

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047592.D
 Acq On : 16 Sep 2025 13:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091625

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l	98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l	100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l	100
44) Trichloroethene	7.104	130	114708	48.037	ug/l	98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l	98
46) Dibromomethane	7.562	93	88297	47.976	ug/l	98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l	96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l	99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l	100
52) Toluene	8.702	92	292879	48.130	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l	98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l	99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l	99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l	99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l	99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l	99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l	98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l	98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l	99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l	99
69) o-Xylene	10.622	106	204323	50.159	ug/l	99
70) Styrene	10.640	104	353567	49.536	ug/l	99
71) Bromoform	10.780	173	86524	51.207	ug/l #	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l	100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l	
77) Bromobenzene	11.183	156	125610	48.173	ug/l	98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l	99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l	99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l	100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l	99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l	100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l	99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l	100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l	100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l	99
95) Naphthalene	13.756	128	464206	50.836	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l	100

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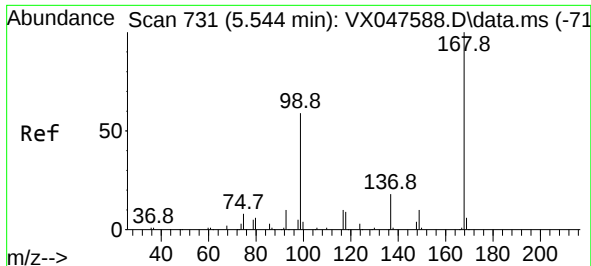
Manual Integrations
APPROVED

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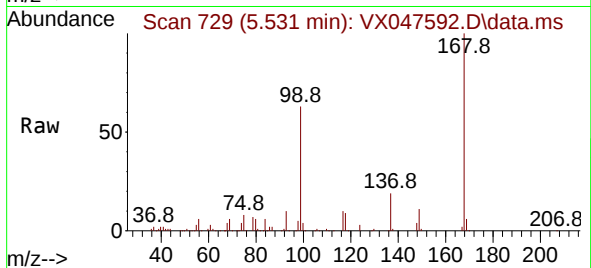
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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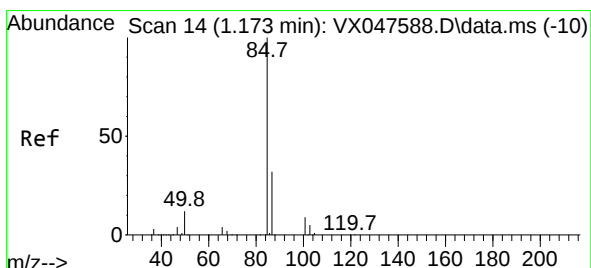
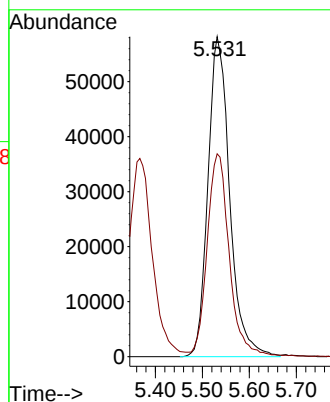
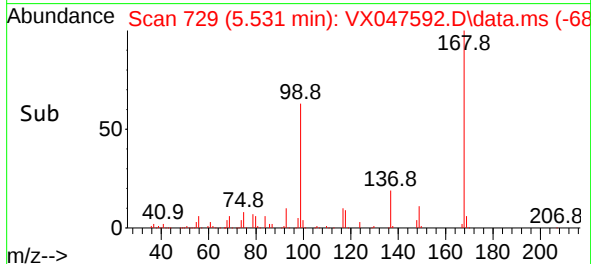
Instrument :
MSVOA_X
ClientSampleId :
ICVX091625



Tgt Ion:168 Resp: 186484
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2

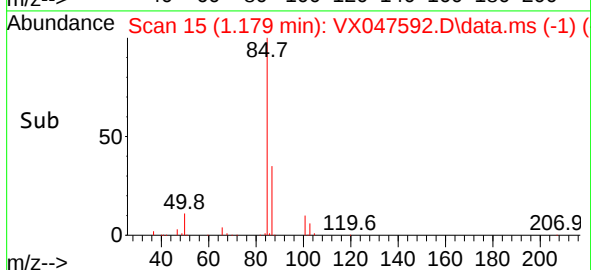
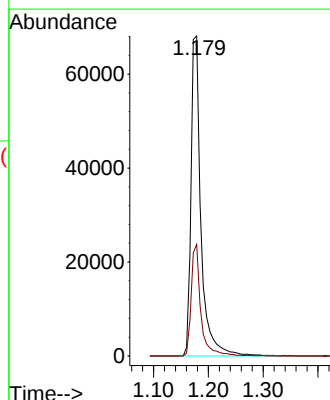
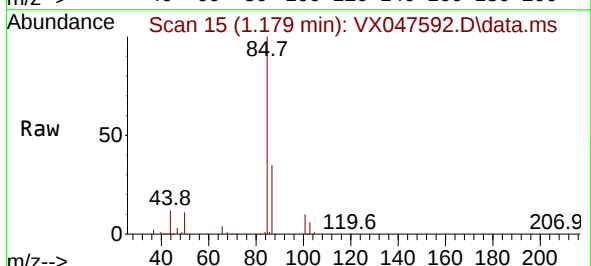
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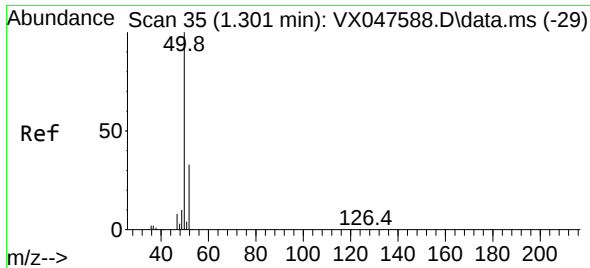
Reviewed By :John Carlone 09/17/2025
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#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.3





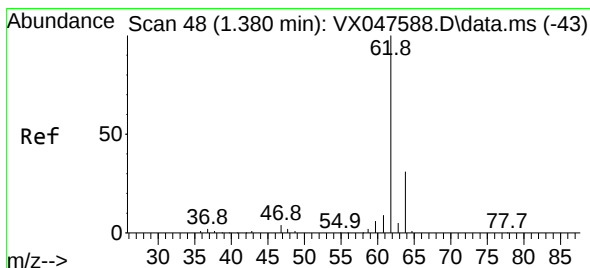
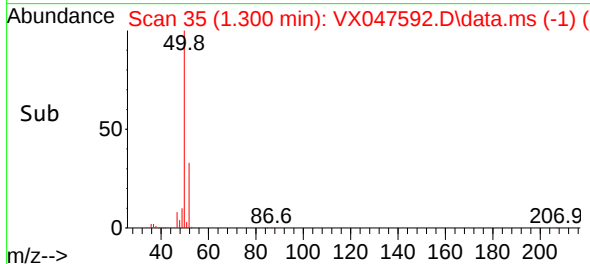
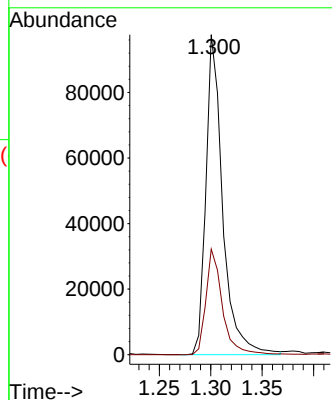
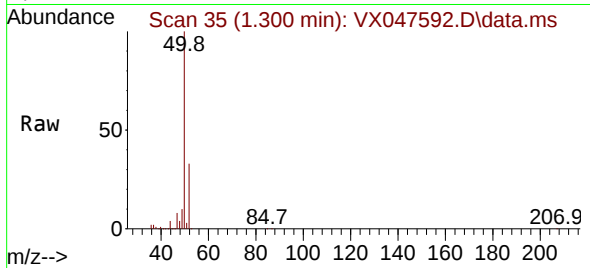
#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
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ClientSampleId : ICVVX091625

Tgt Ion: 50 Resp: 110935
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1

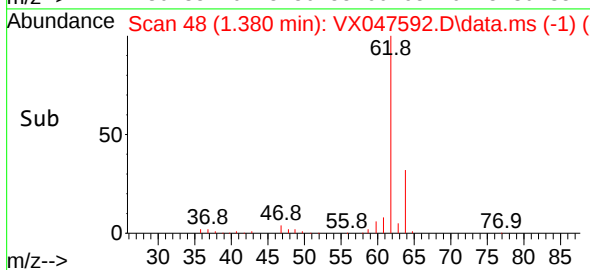
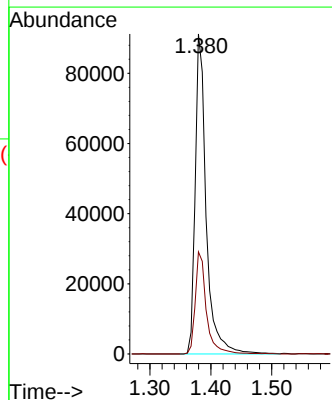
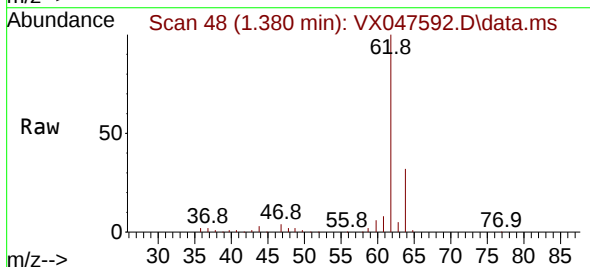
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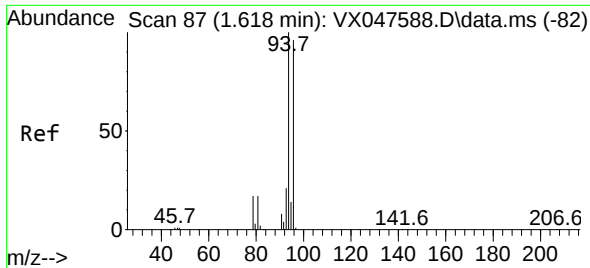
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#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
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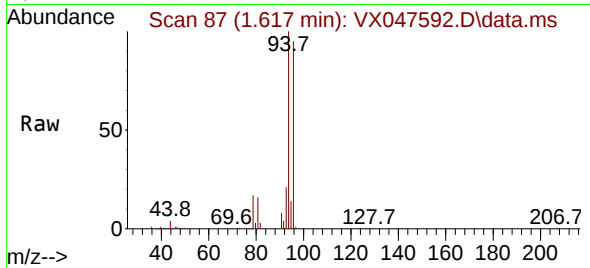
Tgt Ion: 62 Resp: 113742
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

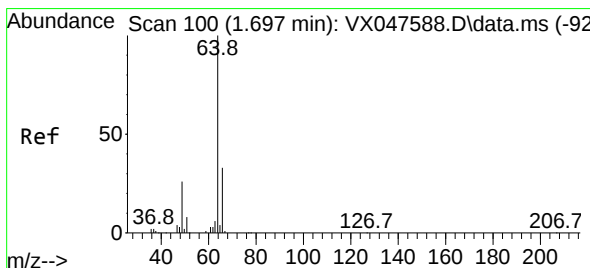
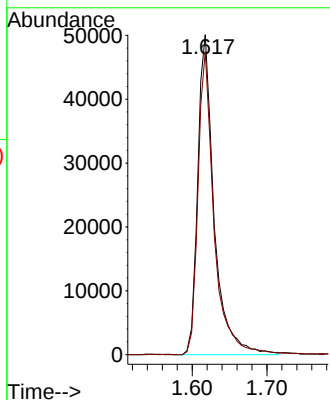
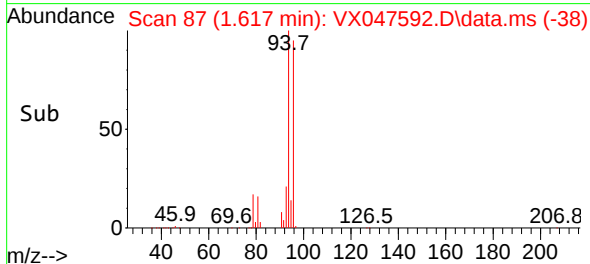
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Tgt Ion: 94 Resp: 76388
Ion Ratio Lower Upper
94 100
96 94.7 76.6 115.0

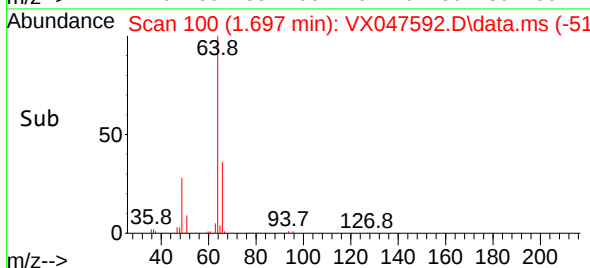
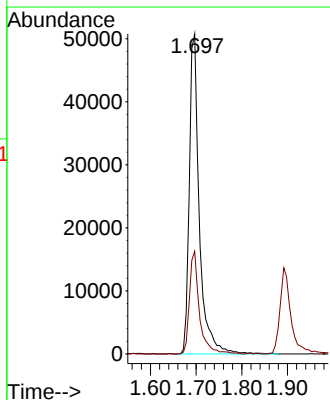
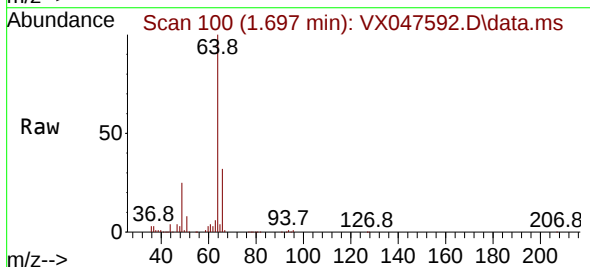
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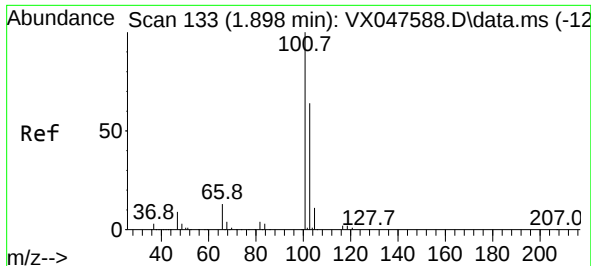
Reviewed By :John Carlone 09/17/2025
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#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
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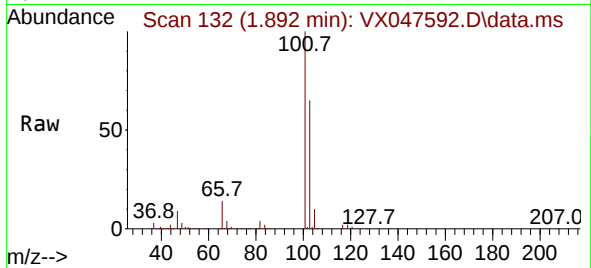
Tgt Ion: 64 Resp: 77337
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 47.074 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047592.D
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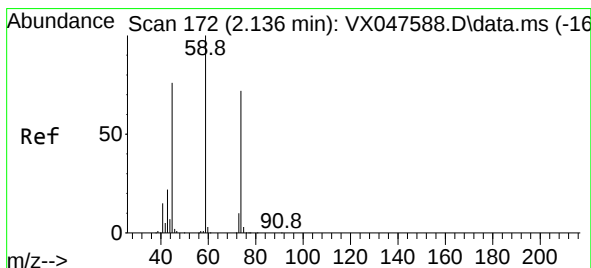
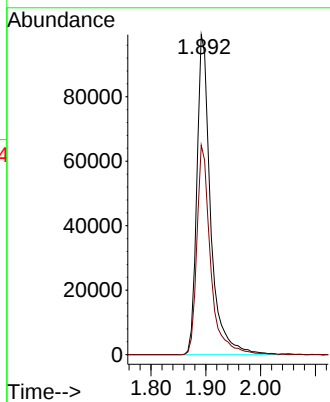
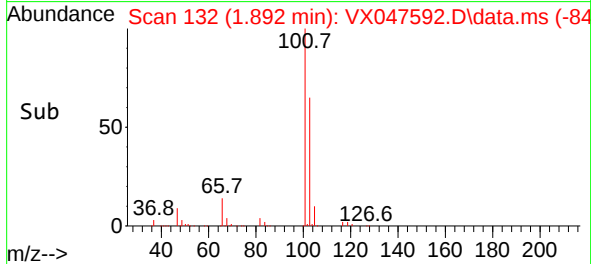
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Tgt Ion:101 Resp: 17364
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2

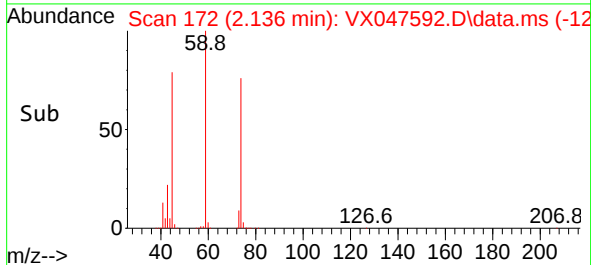
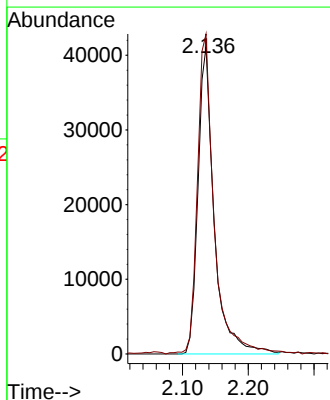
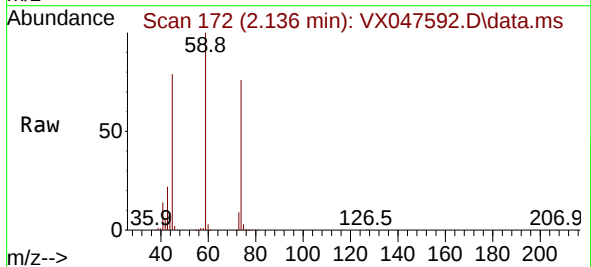
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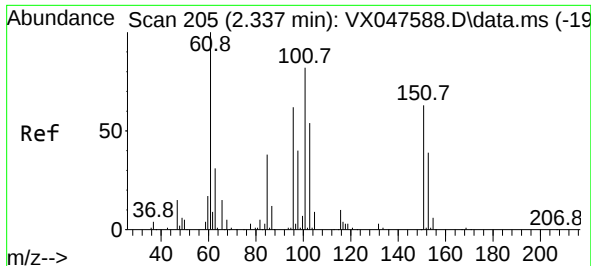
Reviewed By :John Carlone 09/17/2025
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#8
 Diethyl Ether
 Concen: 46.693 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047592.D
 Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459
 Ion Ratio Lower Upper
 74 100
 45 107.1 52.3 156.8





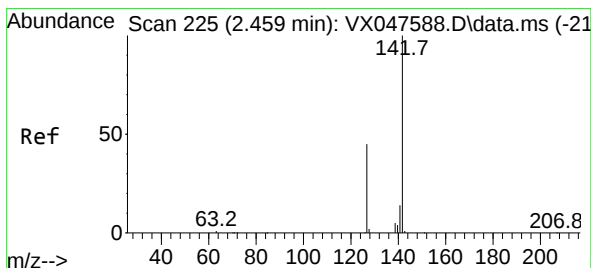
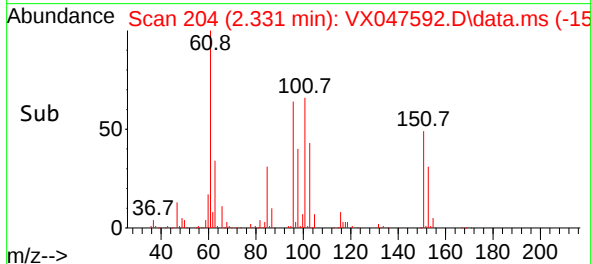
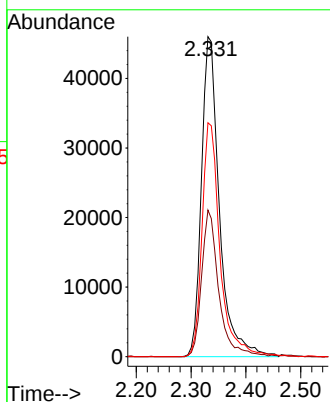
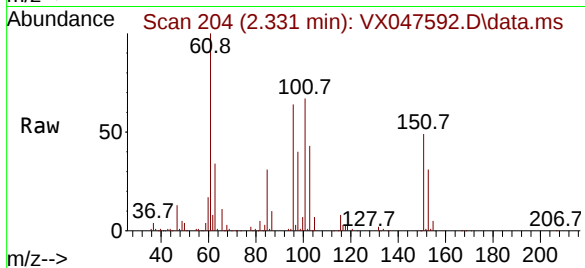
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 10466
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 73.3 59.4 89.0

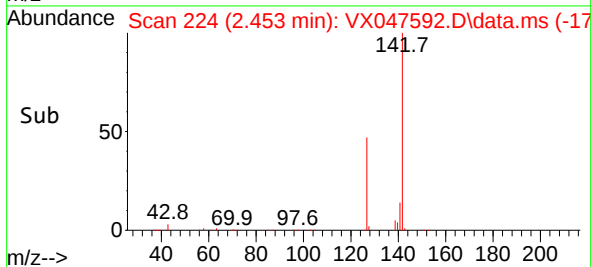
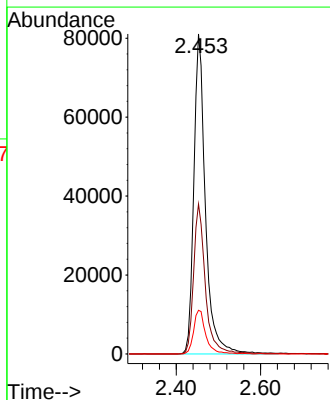
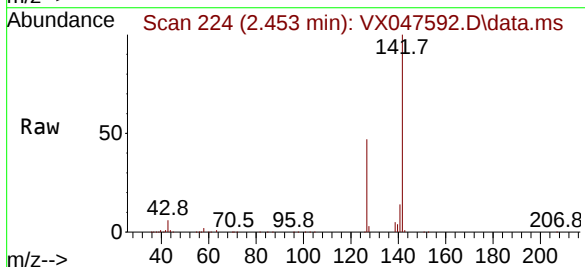
Manual Integrations
APPROVED

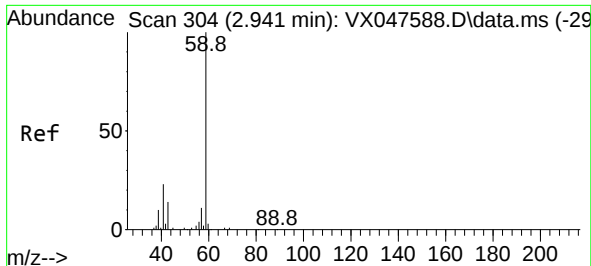
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

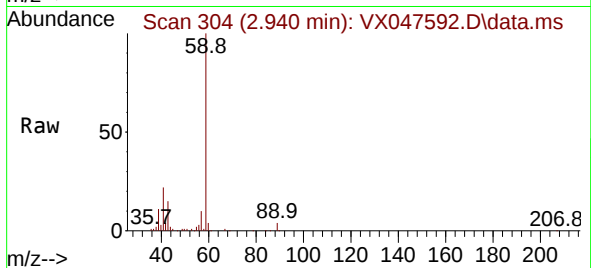
Tgt Ion:142 Resp: 155450
Ion Ratio Lower Upper
142 100
127 47.6 37.2 55.8
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

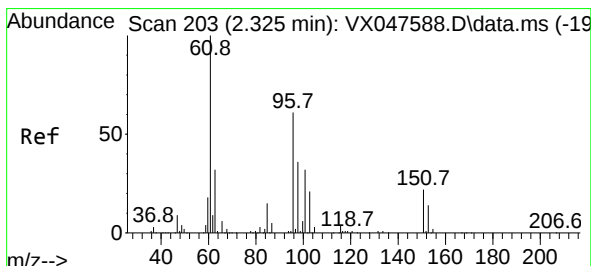
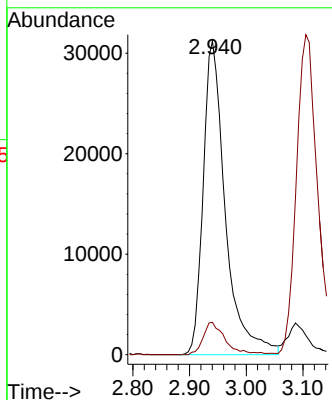
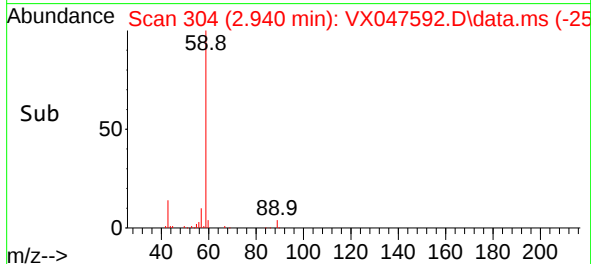
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



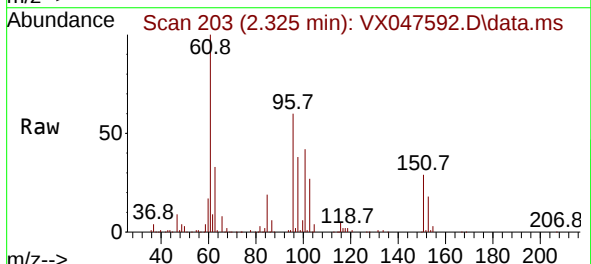
Tgt Ion: 59 Resp: 8472
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

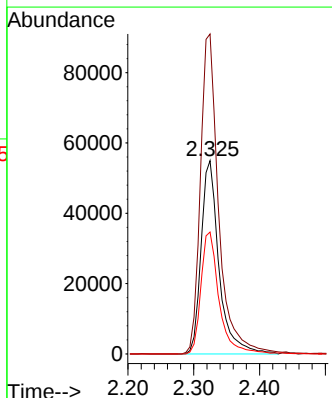
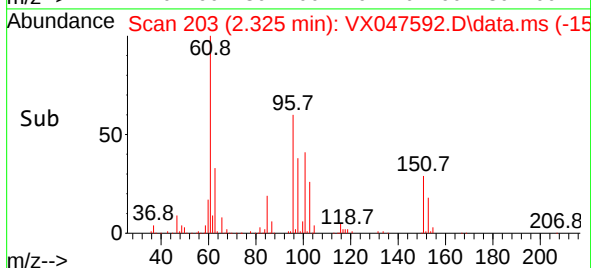
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

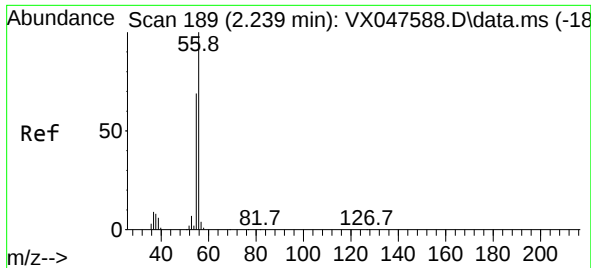


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35



Tgt Ion: 96 Resp: 104302
Ion Ratio Lower Upper
96 100
61 165.6 131.0 196.6
98 63.1 47.7 71.5





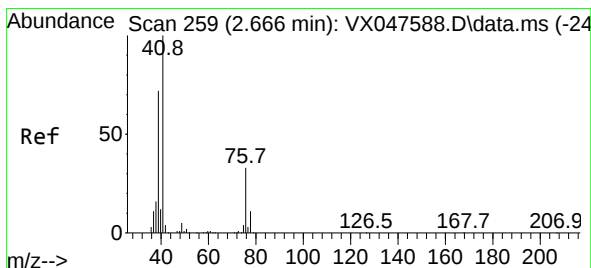
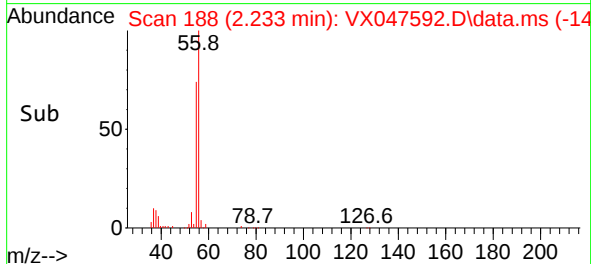
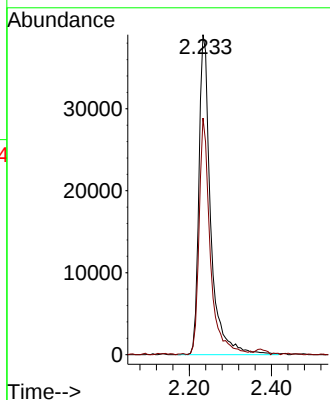
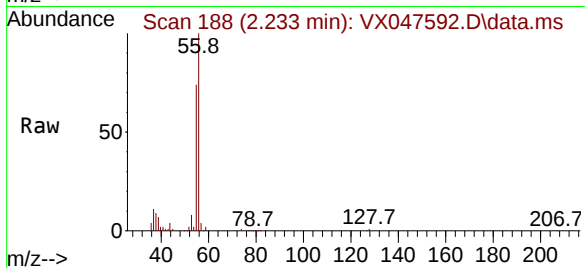
#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 77649
Ion Ratio Lower Upper
56 100
55 70.3 57.2 85.8

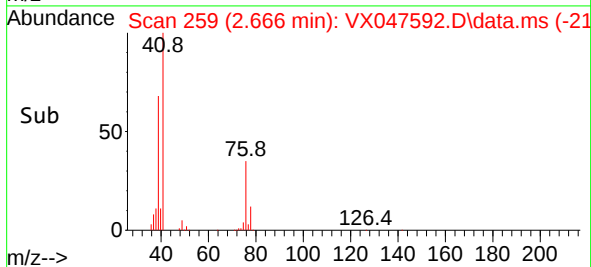
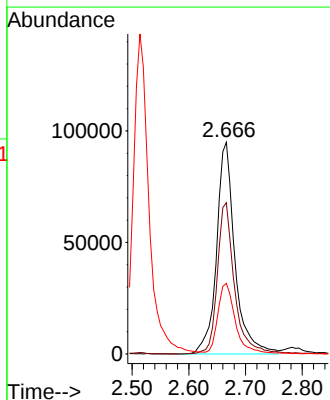
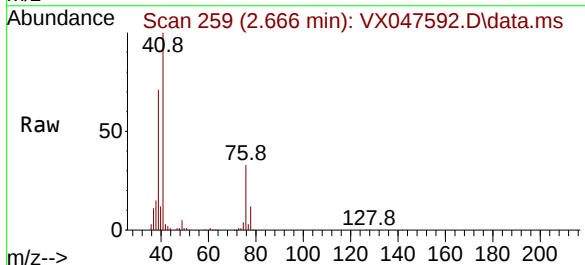
Manual Integrations
APPROVED

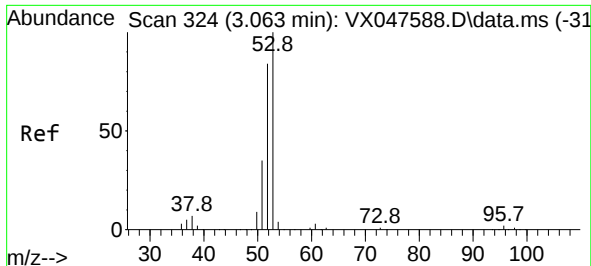
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 213704
Ion Ratio Lower Upper
41 100
39 67.2 54.7 82.1
76 31.7 25.7 38.5





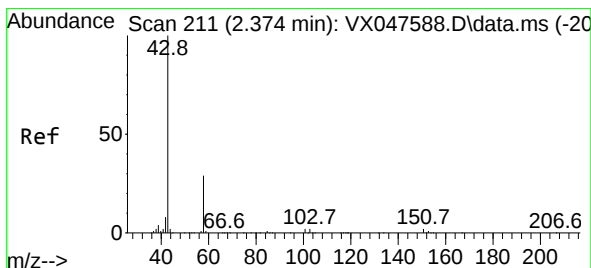
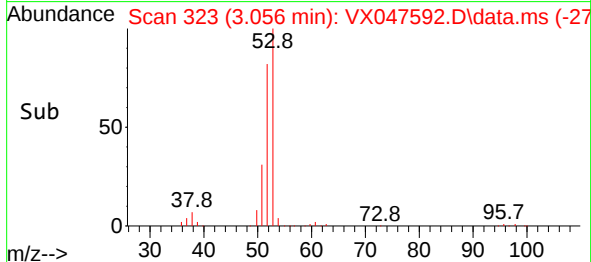
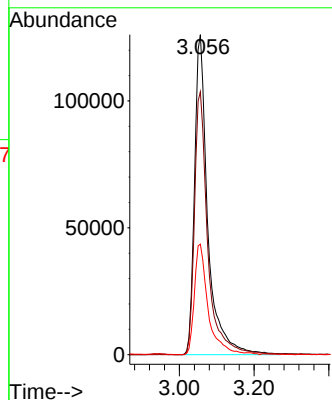
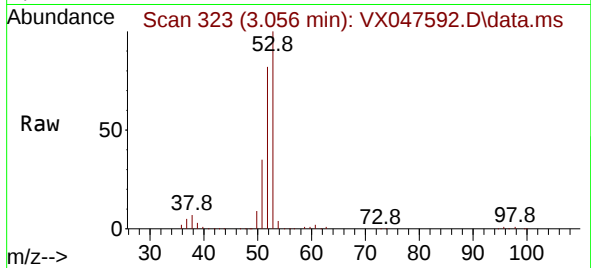
#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVX091625

Tgt Ion: 53 Resp: 31050
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.2 29.5 44.3

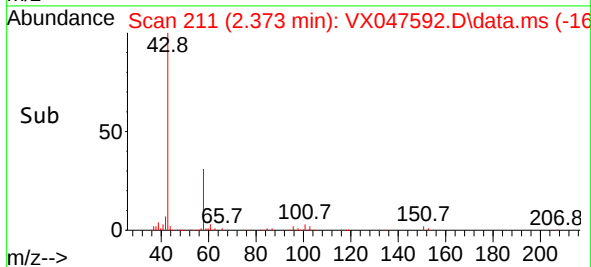
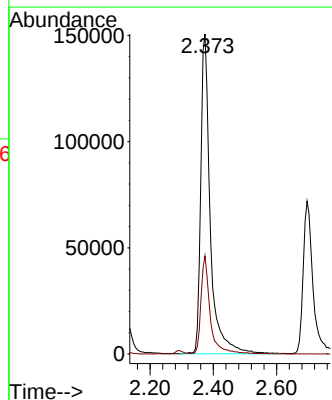
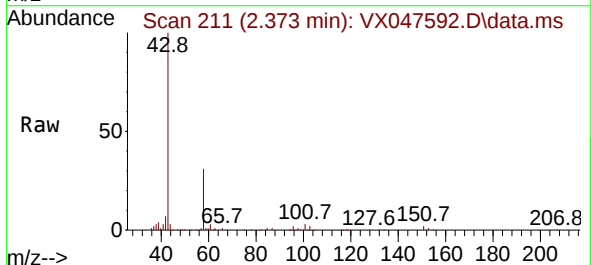
Manual Integrations
APPROVED

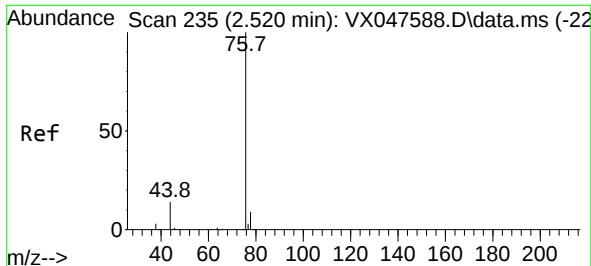
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

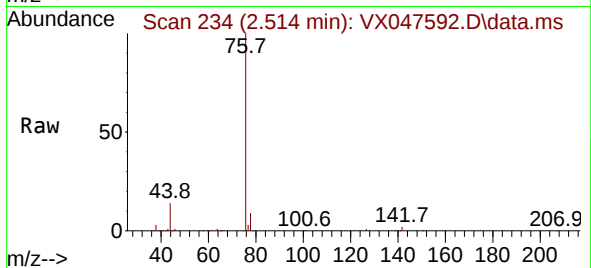
Tgt Ion: 43 Resp: 316217
Ion Ratio Lower Upper
43 100
58 30.6 23.4 35.0





#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

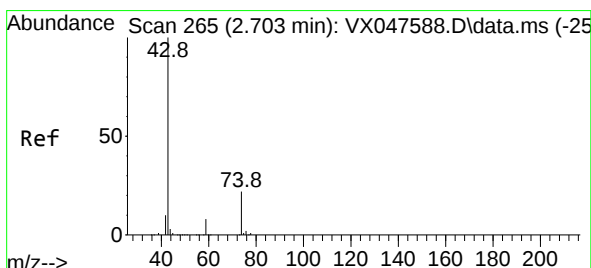
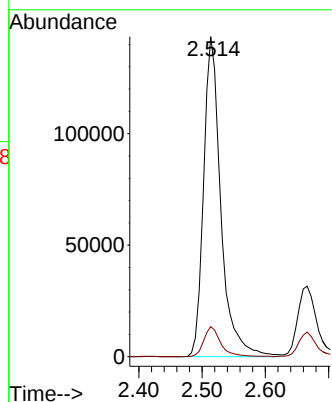
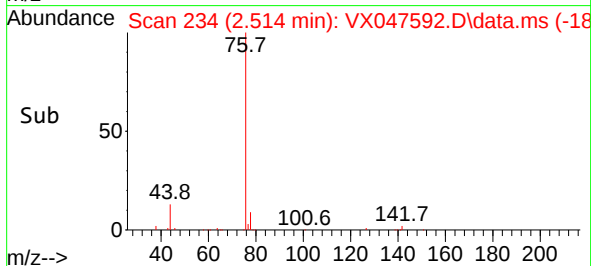
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 76 Resp: 27274
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

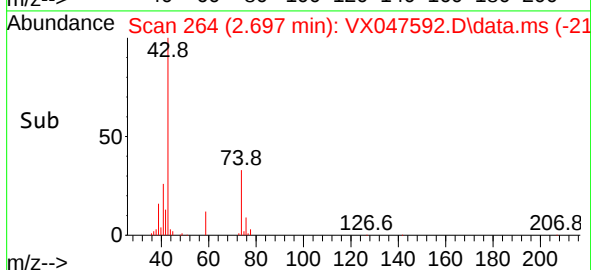
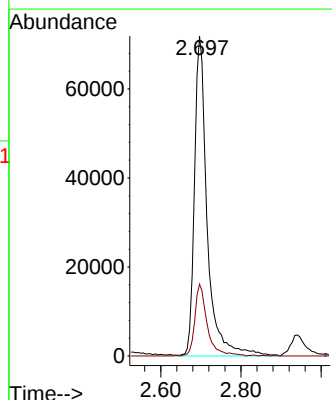
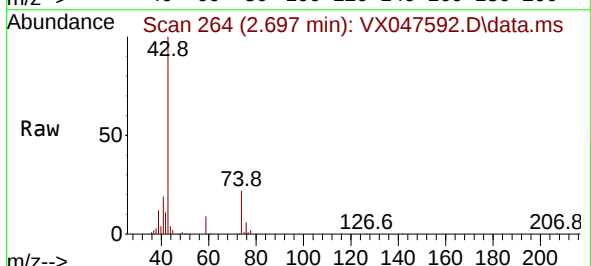
Manual Integrations
APPROVED

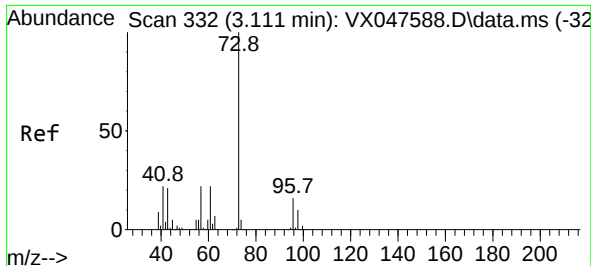
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

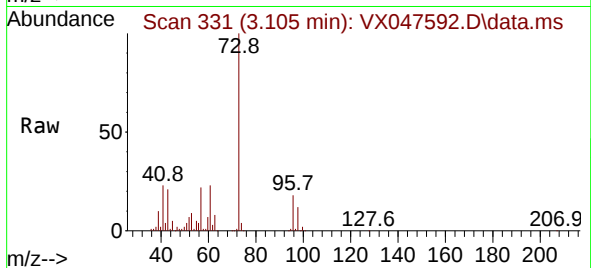
Tgt Ion: 43 Resp: 158480
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

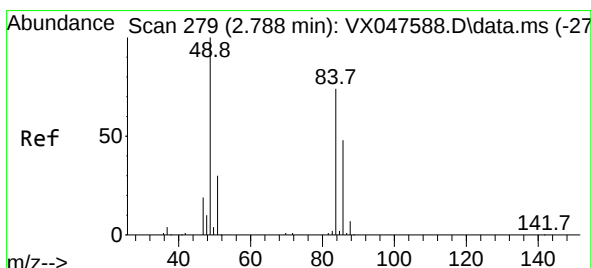
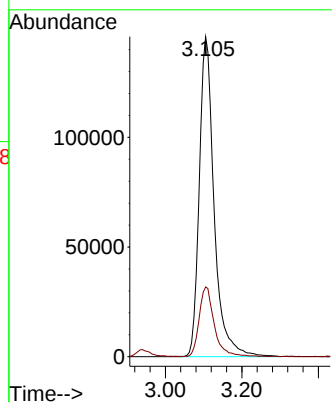
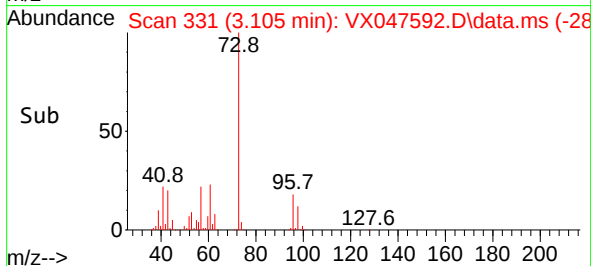
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 73 Resp: 392574
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

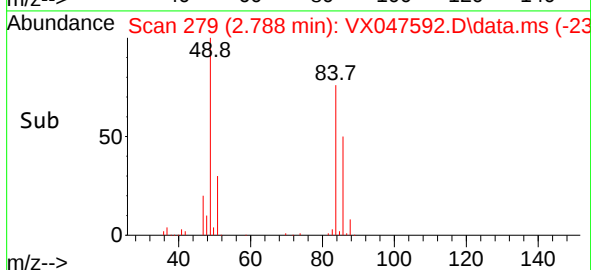
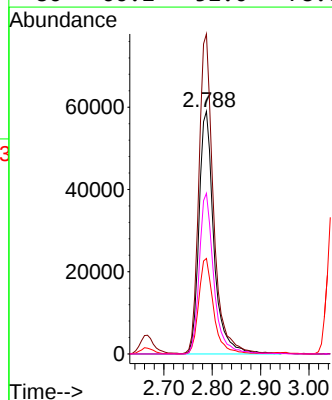
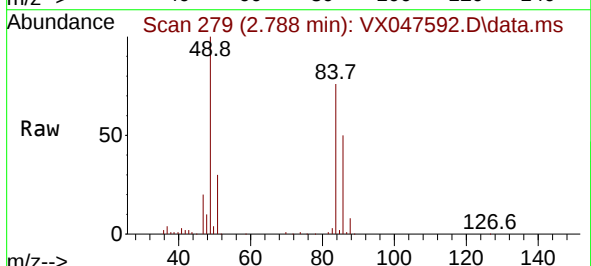
Manual Integrations
APPROVED

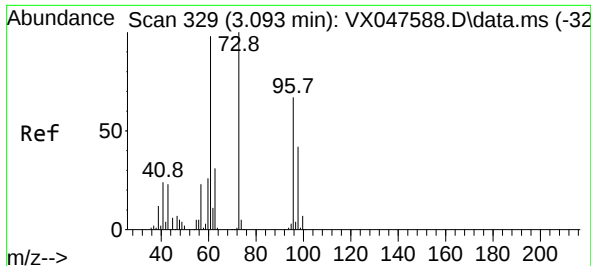
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 84 Resp: 125669
Ion Ratio Lower Upper
84 100
49 131.8 108.6 162.8
51 39.4 32.6 48.8
86 66.2 52.0 78.0





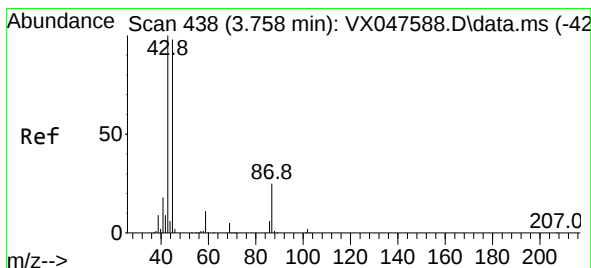
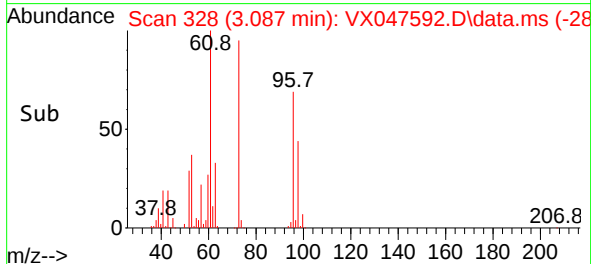
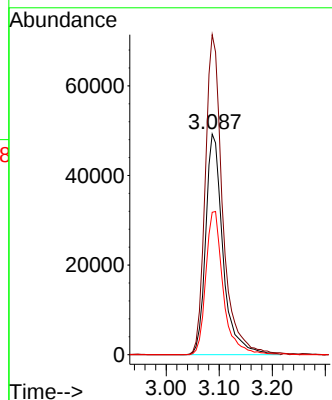
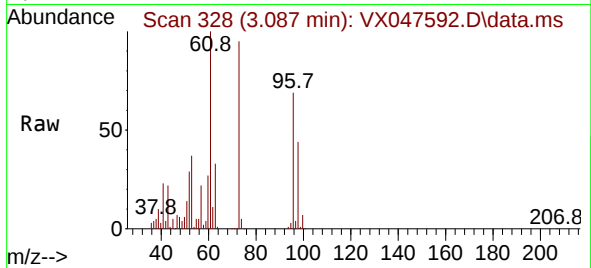
#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 111418
Ion Ratio Lower Upper
96 100
61 145.1 116.2 174.2
98 64.5 49.3 73.9

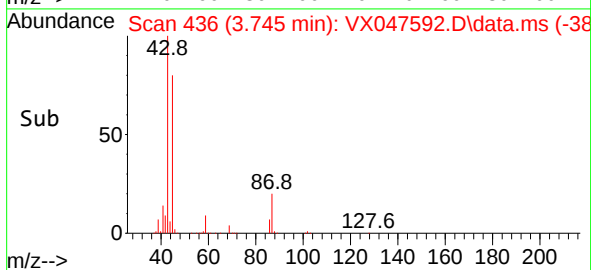
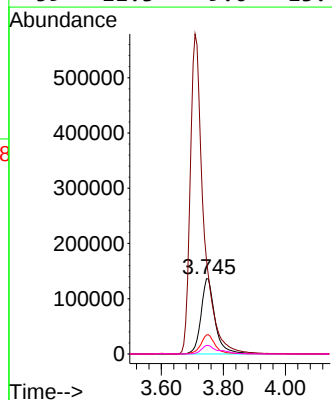
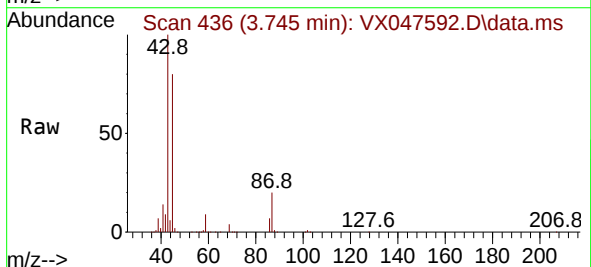
Manual Integrations
APPROVED

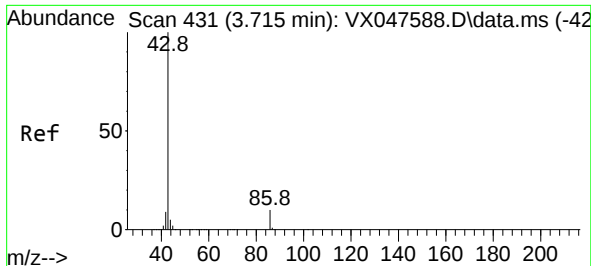
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

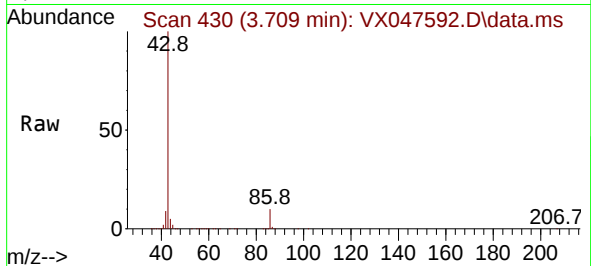
Tgt Ion: 45 Resp: 426854
Ion Ratio Lower Upper
45 100
43 124.9 81.0 121.4#
87 25.2 20.3 30.5
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 245.539 ug/l
 RT: 3.709 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047592.D
 Acq: 16 Sep 2025 13:35

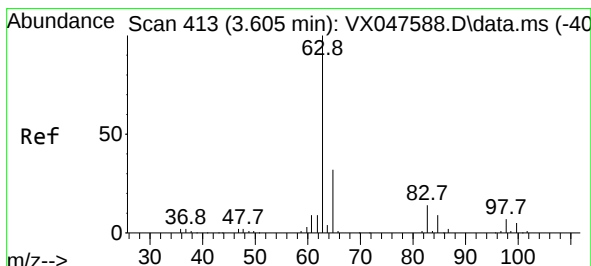
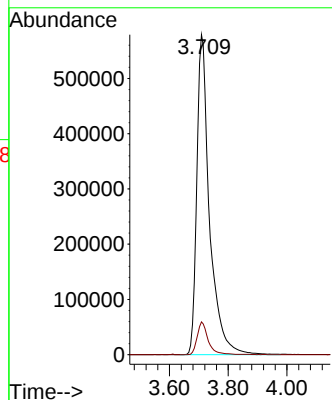
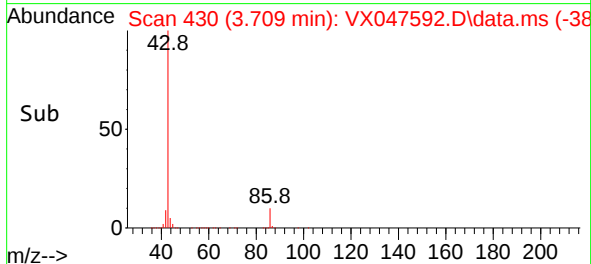
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091625



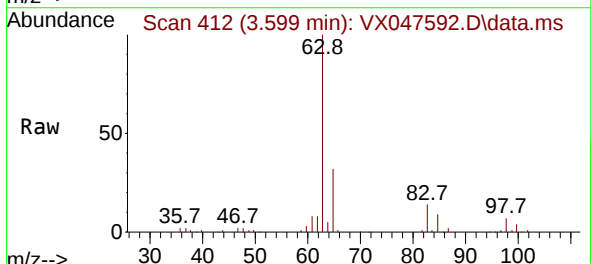
Tgt Ion: 43 Resp: 174126
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

Manual Integrations
 APPROVED

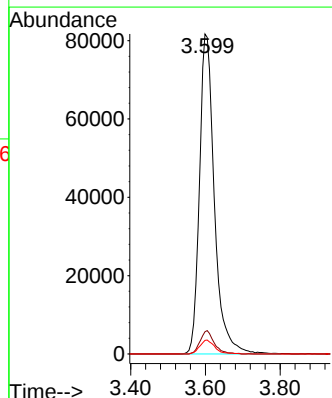
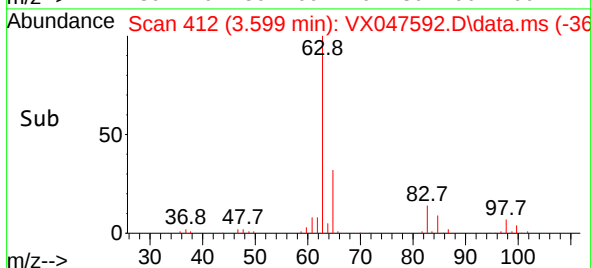
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025

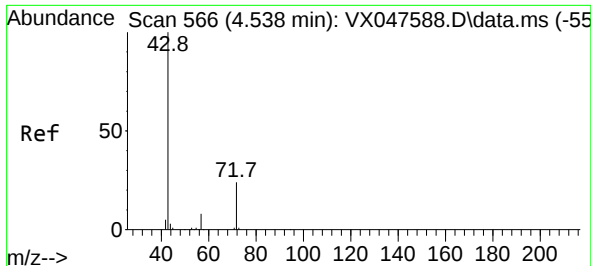


#24
 1,1-Dichloroethane
 Concen: 48.041 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047592.D
 Acq: 16 Sep 2025 13:35



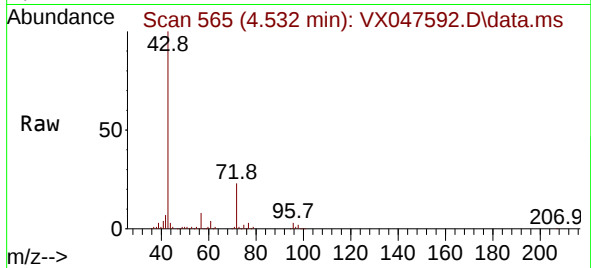
Tgt Ion: 63 Resp: 226249
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

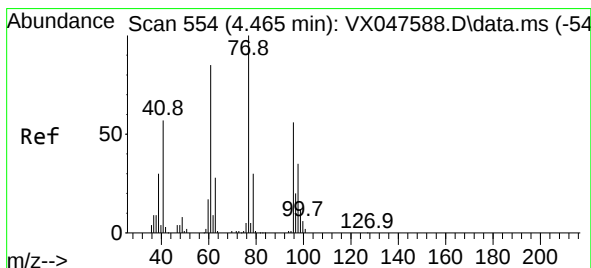
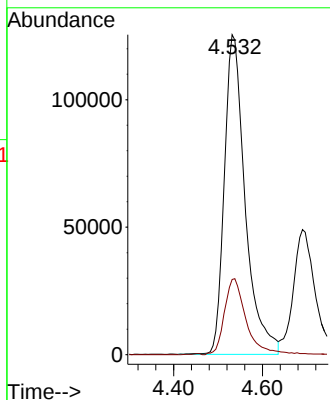
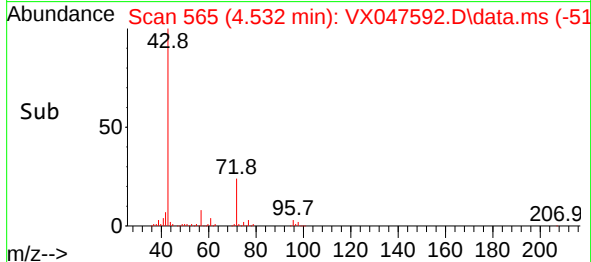
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 43 Resp: 40827
Ion Ratio Lower Upper
43 100
72 23.5 20.1 30.1

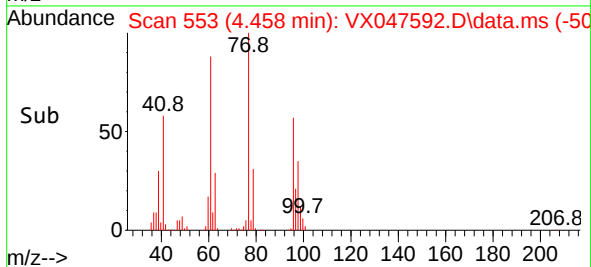
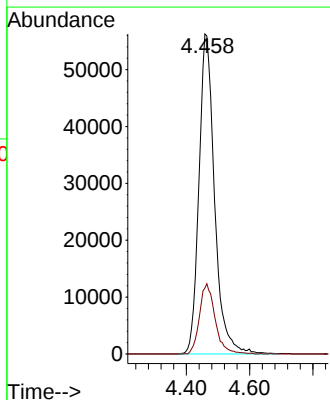
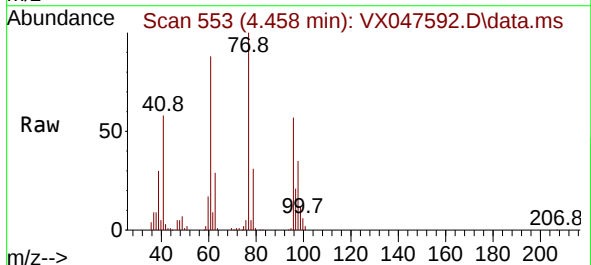
Manual Integrations
APPROVED

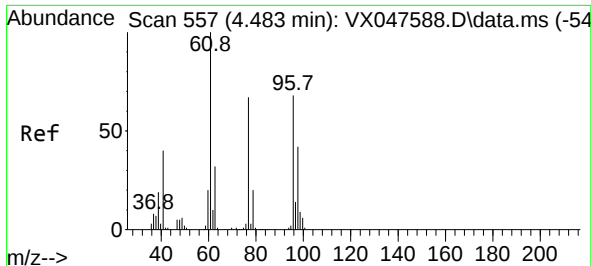
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 48.826 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVX091625

Tgt Ion: 96 Resp: 14263

Ion Ratio Lower Upper

96 100

61 149.7 0.0 303.2

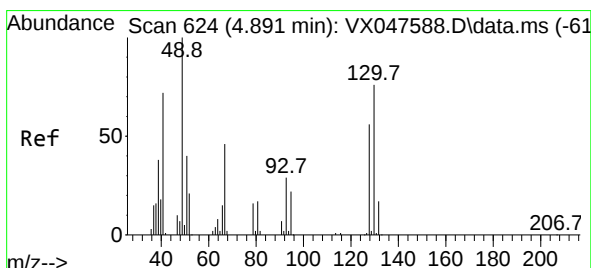
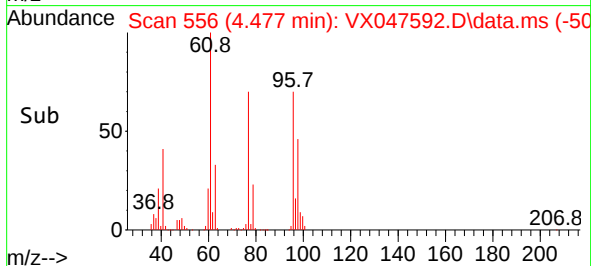
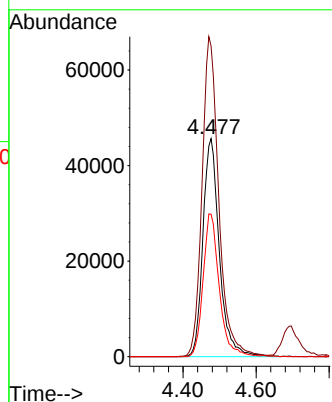
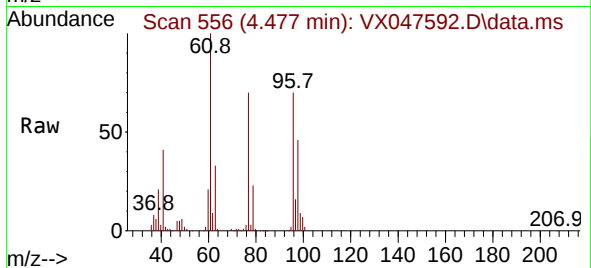
98 64.3 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#28

Bromochloromethane

Concen: 46.586 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

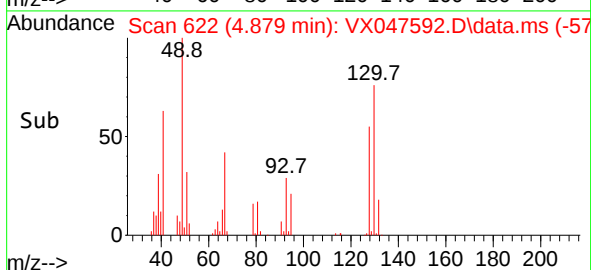
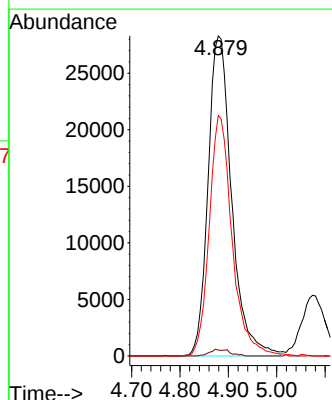
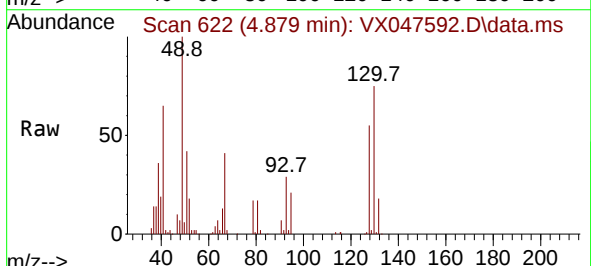
Tgt Ion: 49 Resp: 95782

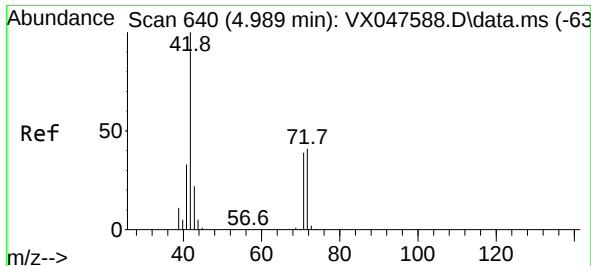
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.9 57.8 86.8





#29

Tetrahydrofuran

Concen: 253.375 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047592.D

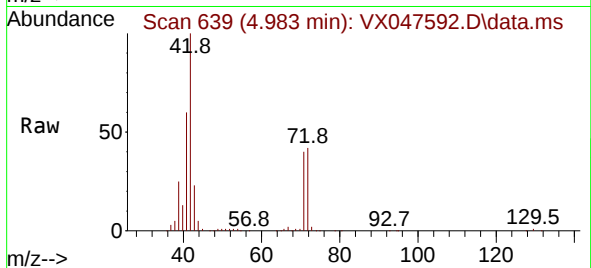
Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVX091625



Tgt Ion: 42 Resp: 245392

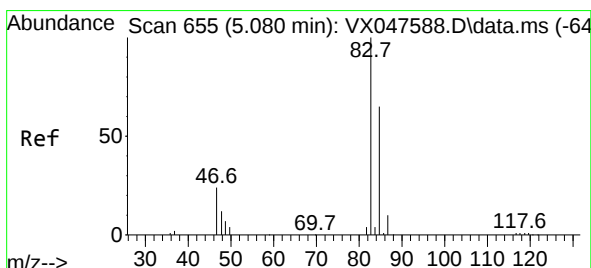
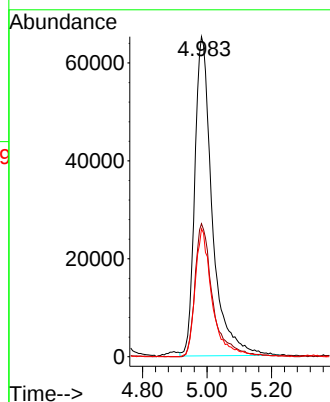
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9

Manual Integrations

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Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Chloroform

Concen: 48.739 ug/l

RT: 5.074 min Scan# 654

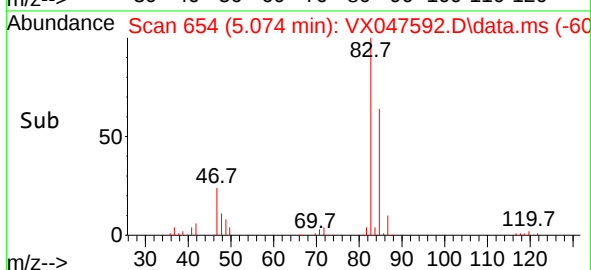
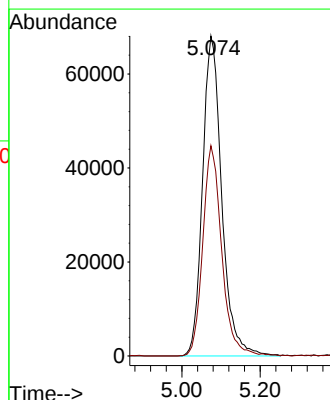
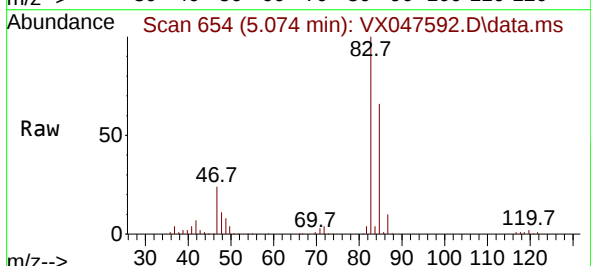
Delta R.T. -0.006 min

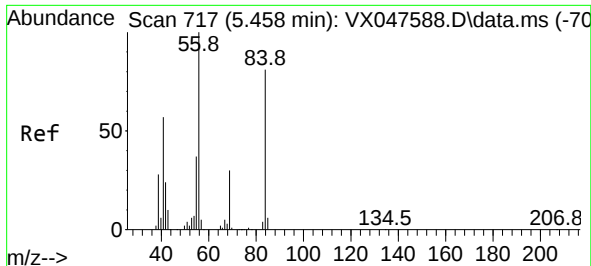
Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

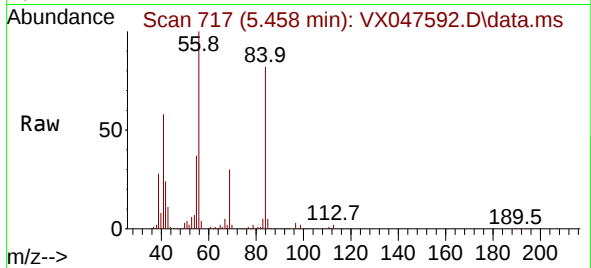
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6





#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

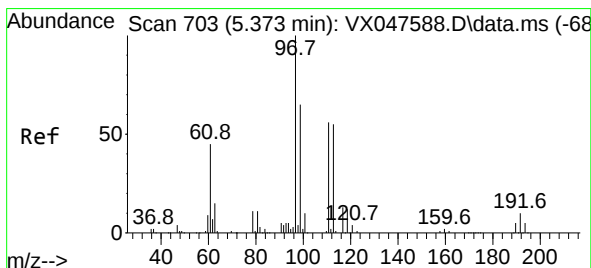
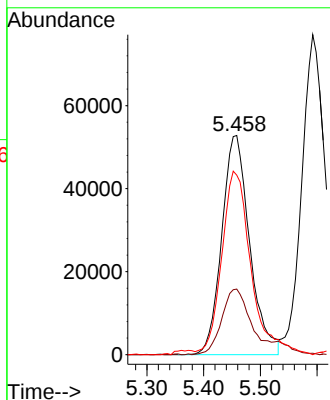
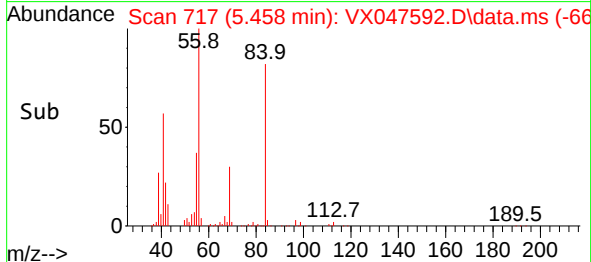
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



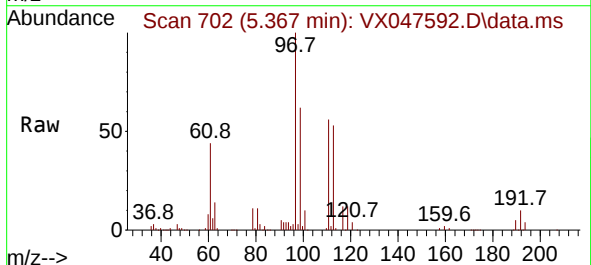
Tgt Ion: 56 Resp: 180430
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.8
84 80.3 64.6 97.0

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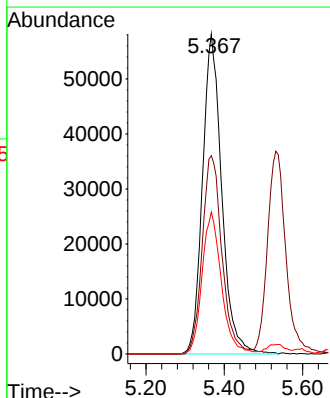
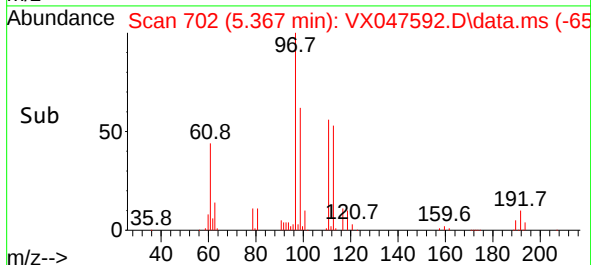
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

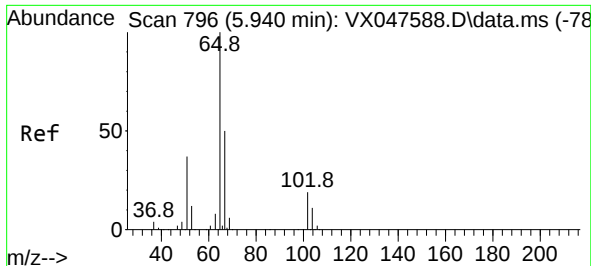


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35



Tgt Ion: 97 Resp: 197711
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 44.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 45.550 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

Tgt Ion: 65 Resp: 135209

Ion Ratio Lower Upper

65 100

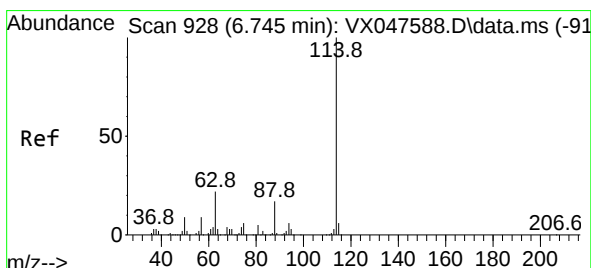
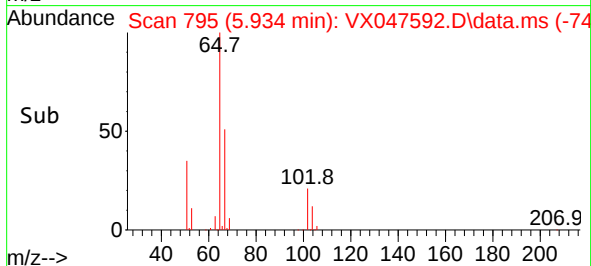
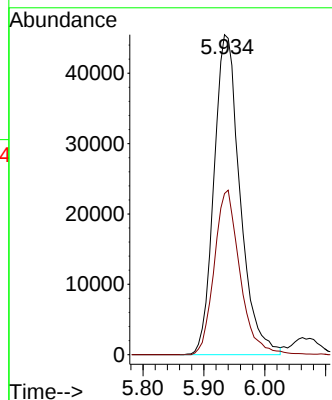
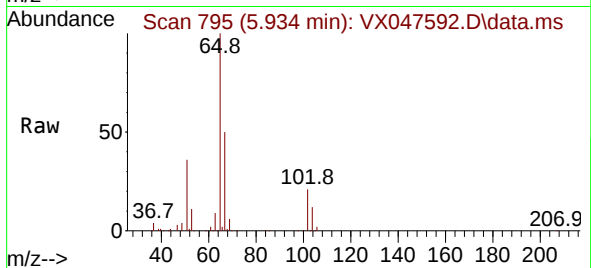
67 50.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

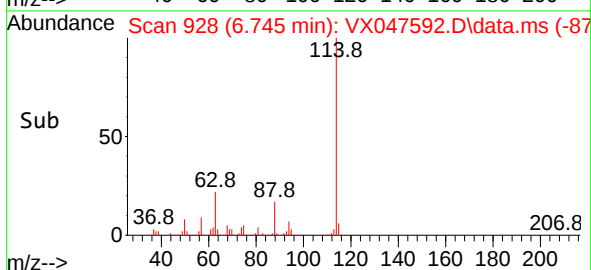
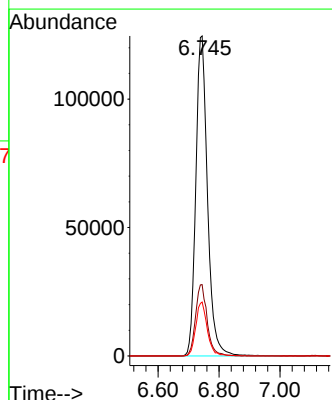
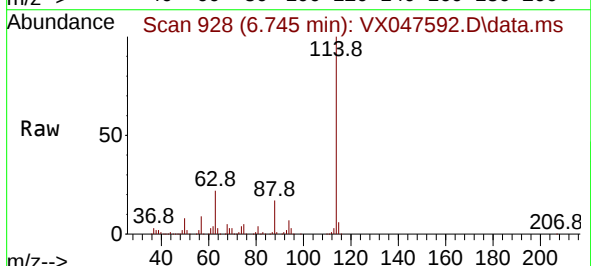
Tgt Ion:114 Resp: 331837

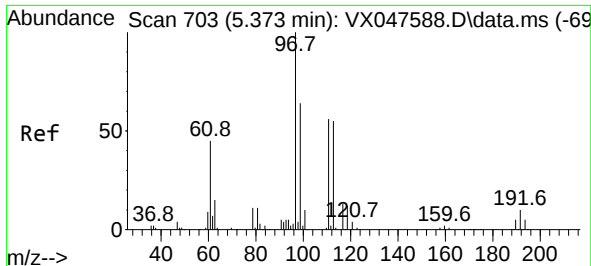
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

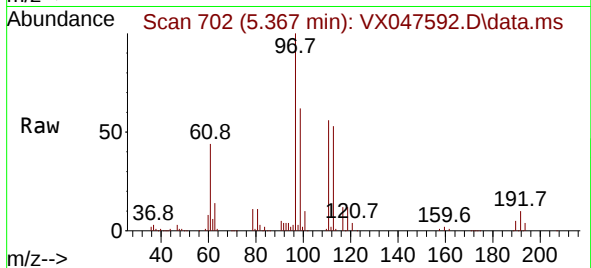
88 16.8 0.0 34.2





#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

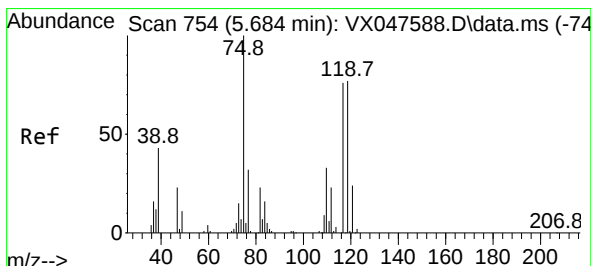
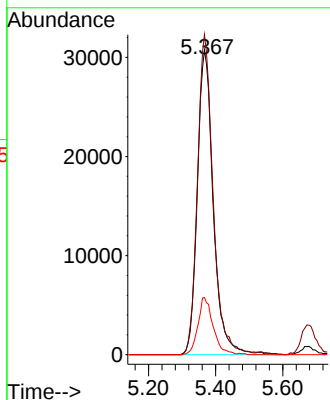
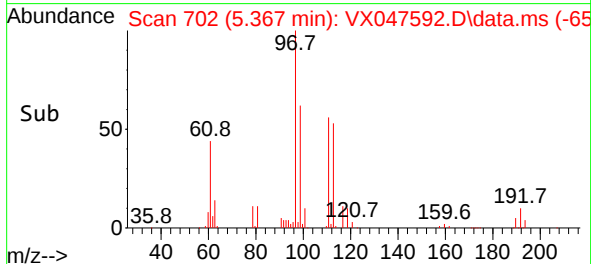
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 113 Resp: 101390
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 17.9 14.2 21.4

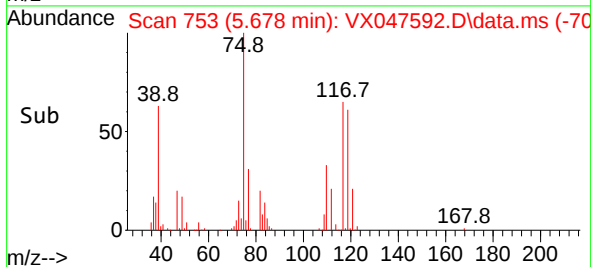
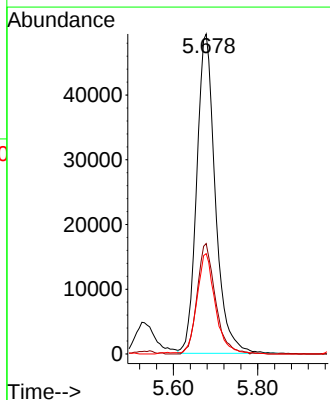
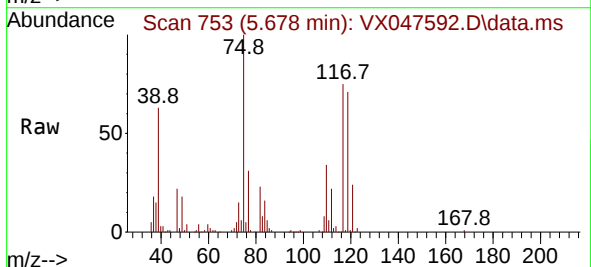
Manual Integrations
APPROVED

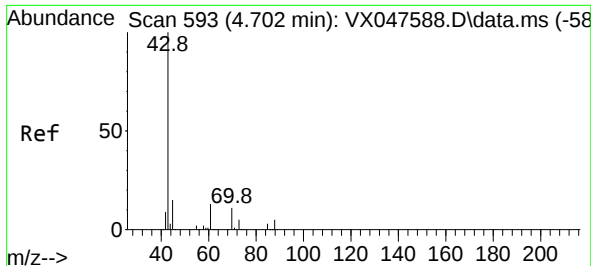
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 151745
Ion Ratio Lower Upper
75 100
110 33.9 16.7 50.1
77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 49.241 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX047592.D

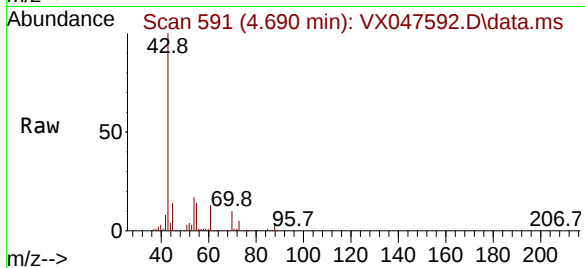
Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625



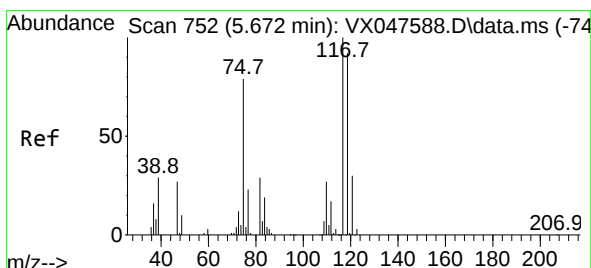
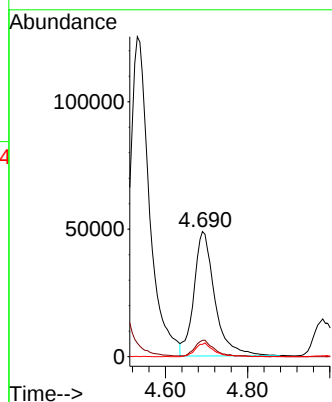
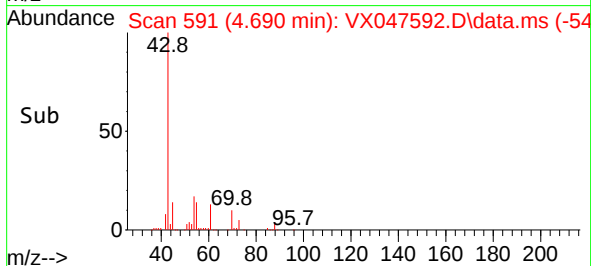
Tgt Ion:	43	Resp:	171454
Ion Ratio	Lower	Upper	
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#38

Carbon Tetrachloride

Concen: 46.935 ug/l

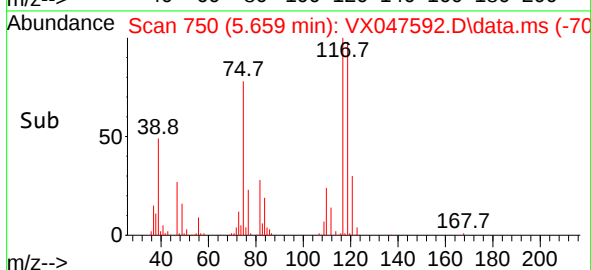
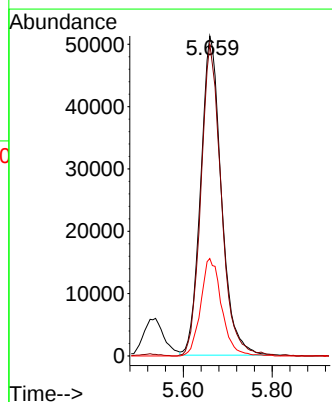
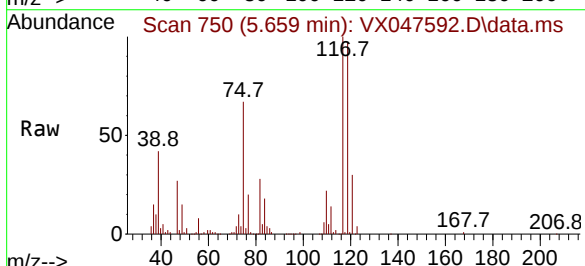
RT: 5.659 min Scan# 750

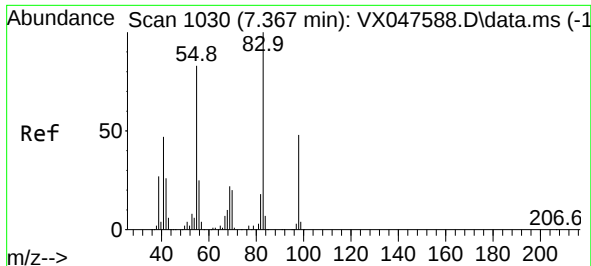
Delta R.T. -0.012 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Tgt Ion:	117	Resp:	165834
Ion Ratio	Lower	Upper	
117	100		
119	97.6	73.4	110.2
121	30.5	23.8	35.6





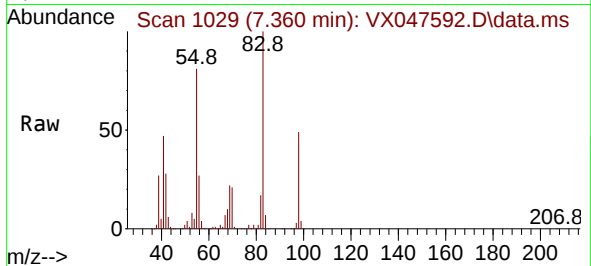
#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625



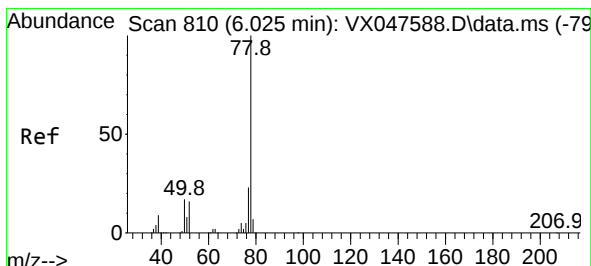
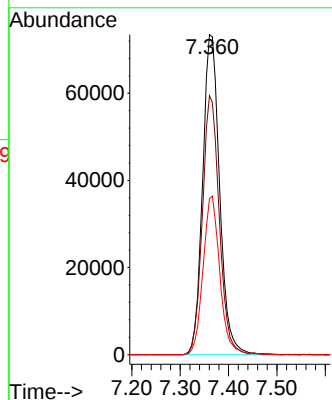
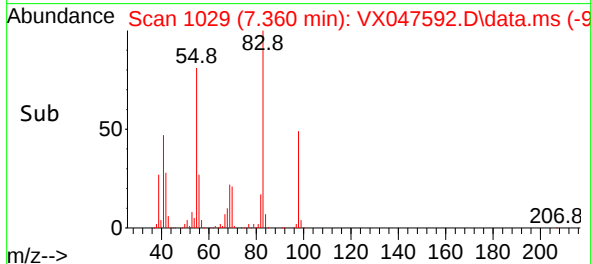
Tgt Ion: 83 Resp: 179392
Ion Ratio Lower Upper
83 100
55 81.0 66.4 99.6
98 48.7 38.1 57.1

Manual Integrations

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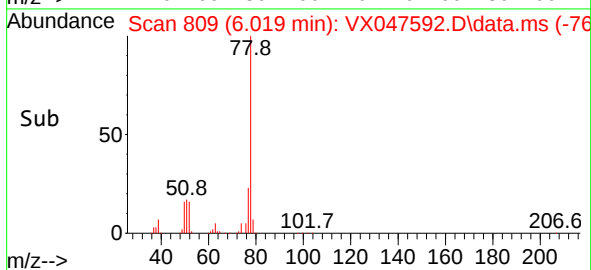
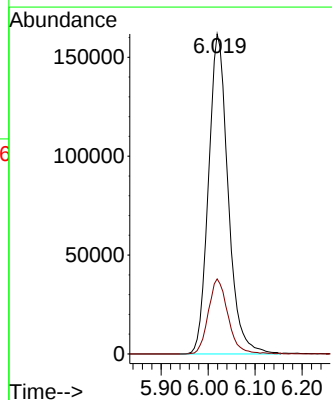
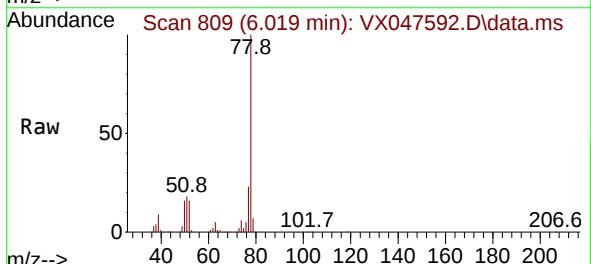
Reviewed By :John Carlone 09/17/2025

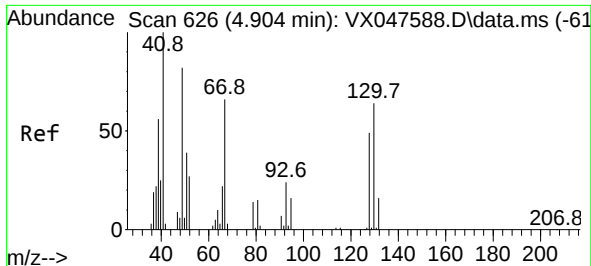
Supervised By :Mahesh Dadoda 09/18/2025



#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





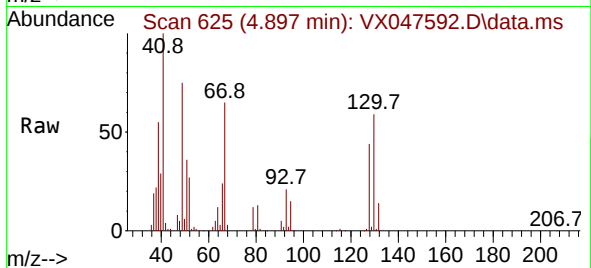
#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

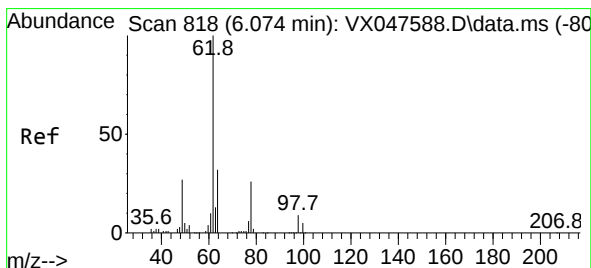
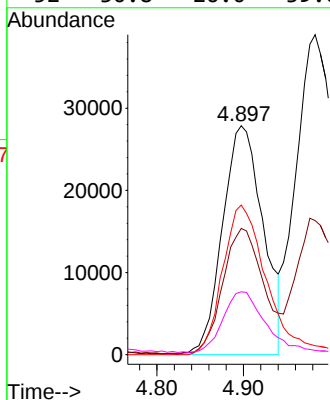
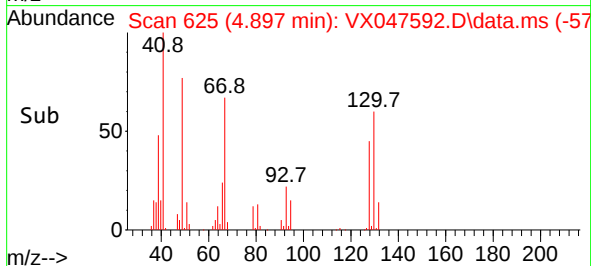
ICVVX091625



Tgt Ion: 41 Resp: 90758
Ion Ratio Lower Upper
41 100
39 55.9 43.3 64.9
67 72.5 58.6 87.8
52 30.8 26.0 39.0

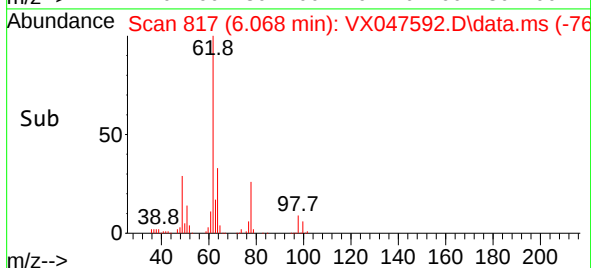
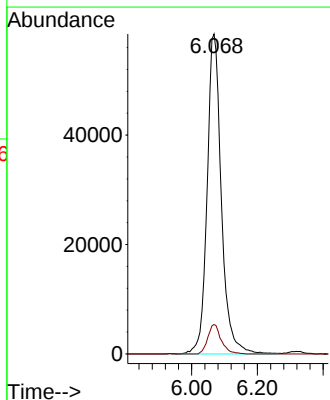
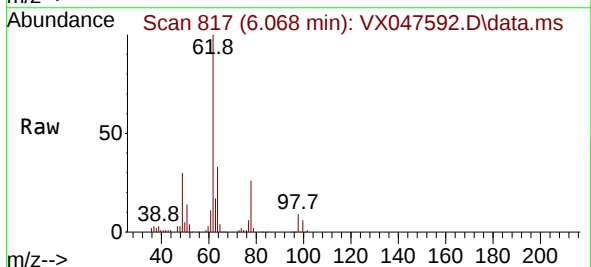
Manual Integrations
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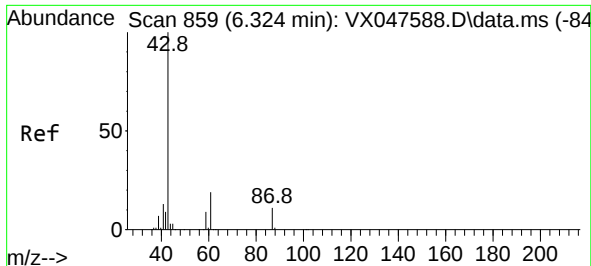
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

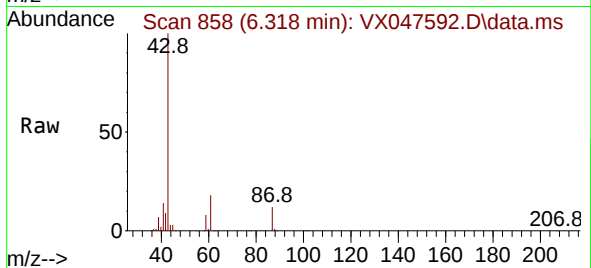
Tgt Ion: 62 Resp: 176131
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.0





#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

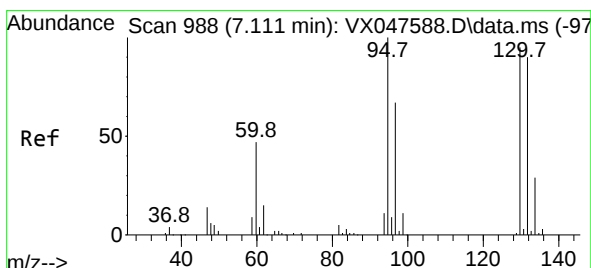
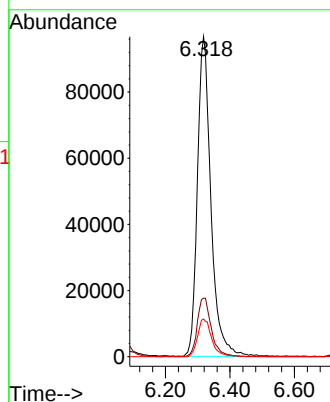
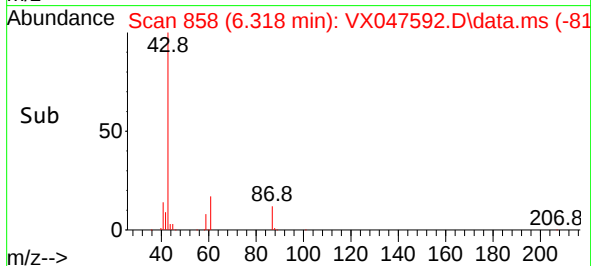
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 43 Resp: 28059
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.2 9.6 14.4

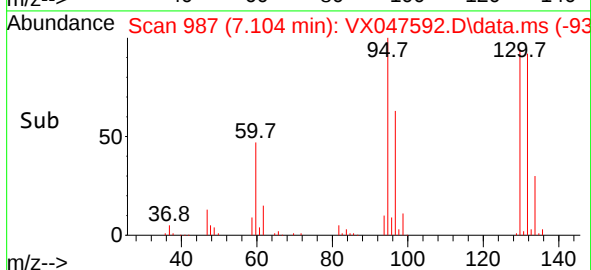
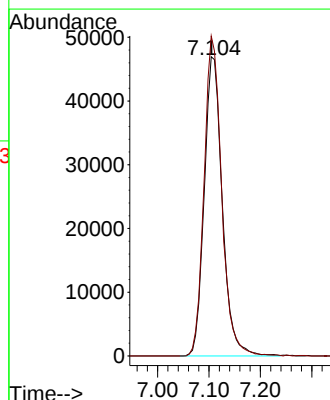
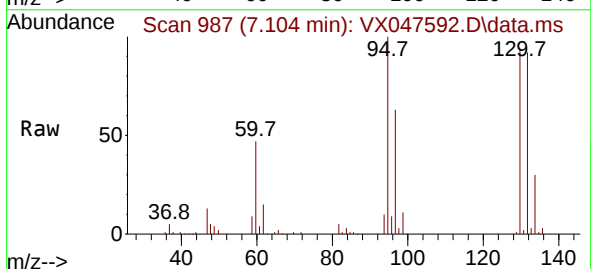
Manual Integrations
APPROVED

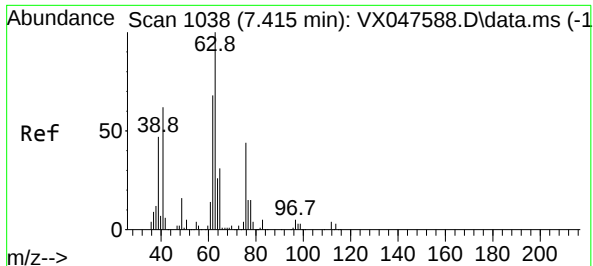
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708
Ion Ratio Lower Upper
130 100
95 107.0 0.0 210.8





#45

1,2-Dichloropropane

Concen: 48.053 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

Tgt Ion: 63 Resp: 12153

Ion Ratio Lower Upper

63 100

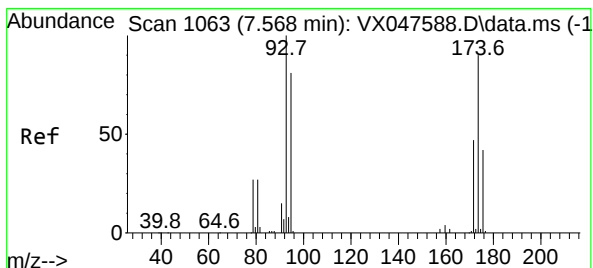
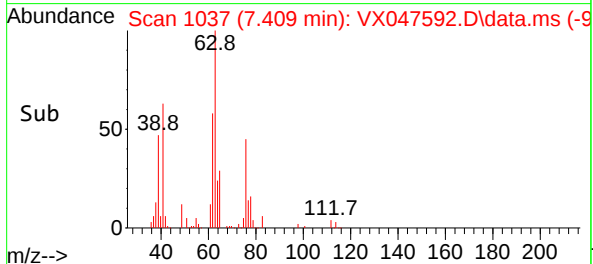
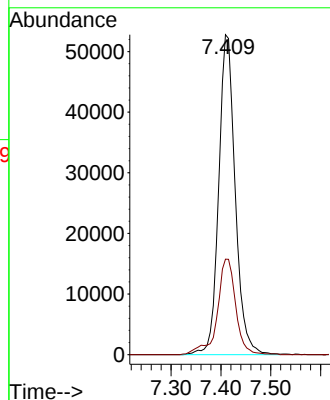
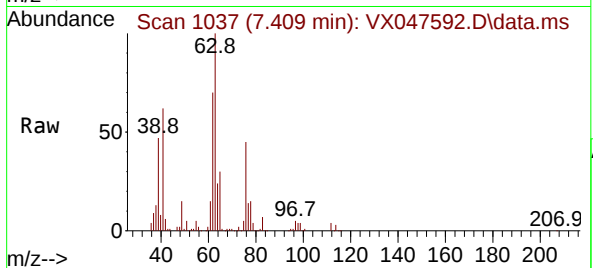
65 29.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Dibromomethane

Concen: 47.976 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

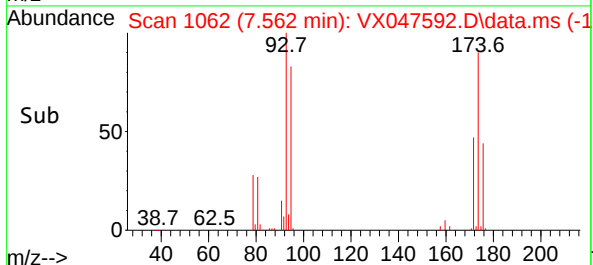
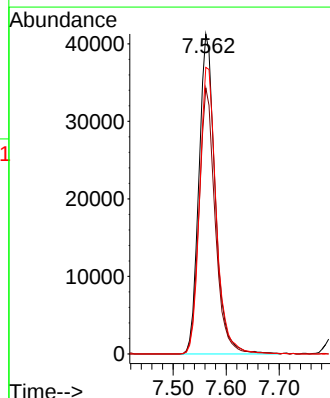
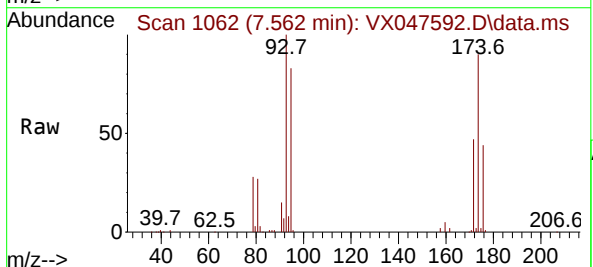
Tgt Ion: 93 Resp: 88297

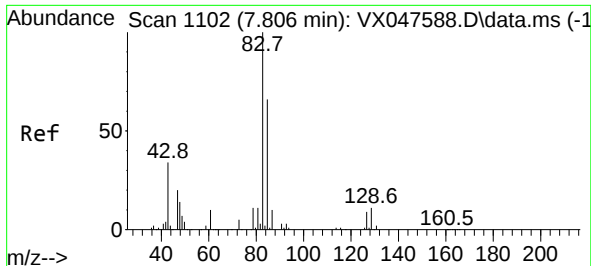
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.6

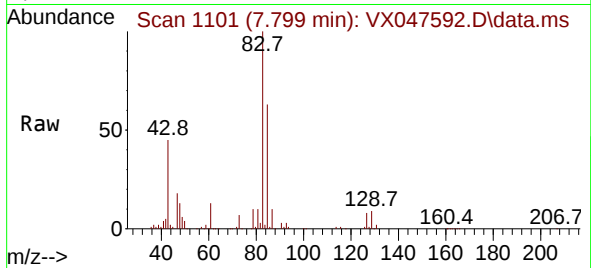
174 91.3 71.6 107.4





#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

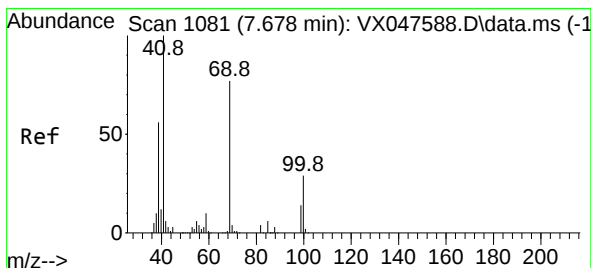
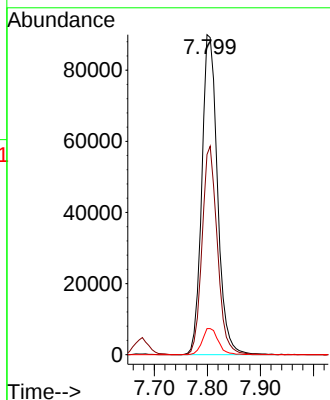
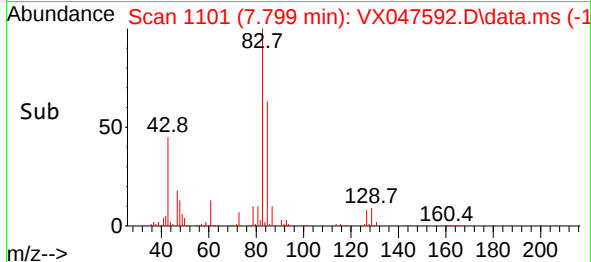
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 83 Resp: 185219
Ion Ratio Lower Upper
83 100
85 62.5 52.5 78.7
127 8.1 6.9 10.3

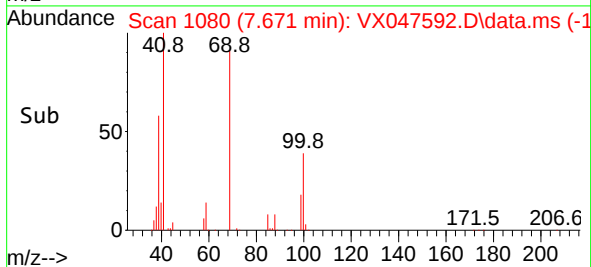
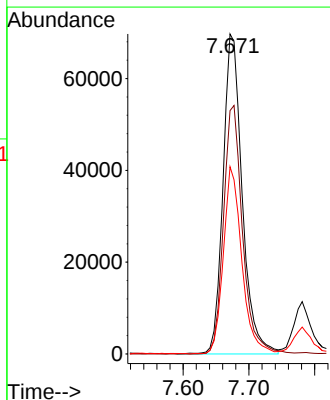
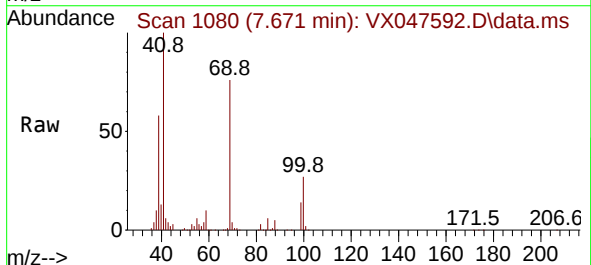
Manual Integrations
APPROVED

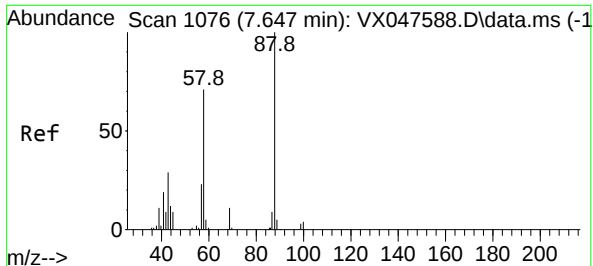
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 141532
Ion Ratio Lower Upper
41 100
69 77.1 61.4 92.2
39 56.4 45.8 68.6





#49

1,4-Dioxane

Concen: 1089.520 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

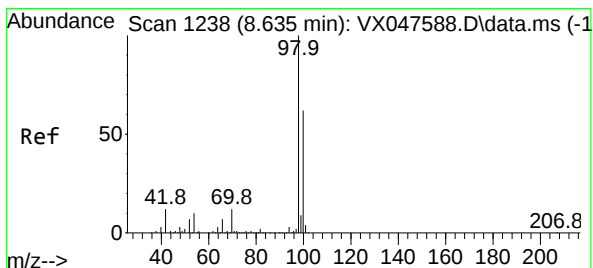
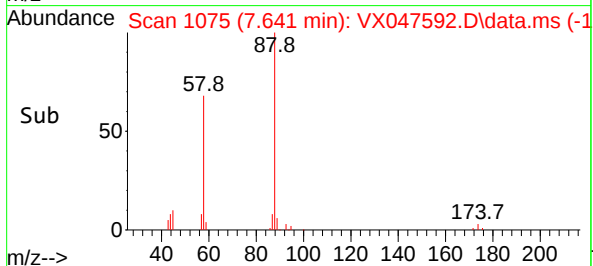
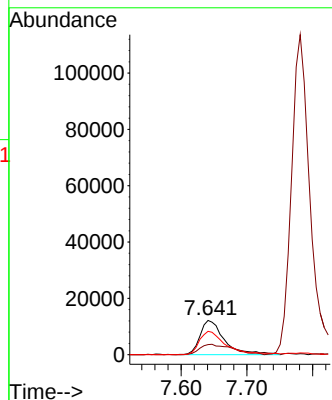
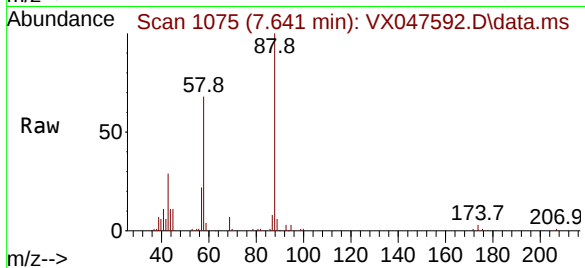
Tgt Ion: 88 Resp: 31320
 Ion Ratio Lower Upper
 88 100
 43 40.9 30.2 45.2
 58 74.1 59.5 89.3

Manual Integrations

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Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#50

Toluene-d8

Concen: 46.411 ug/l

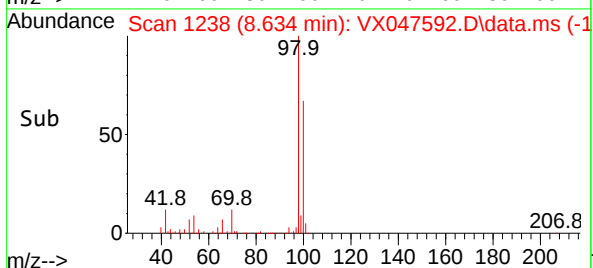
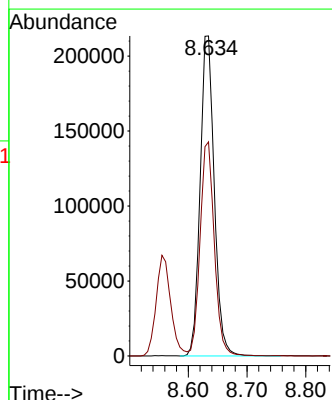
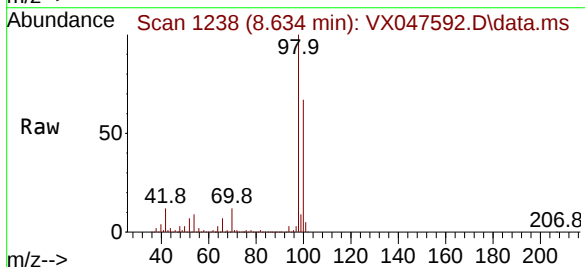
RT: 8.634 min Scan# 1238

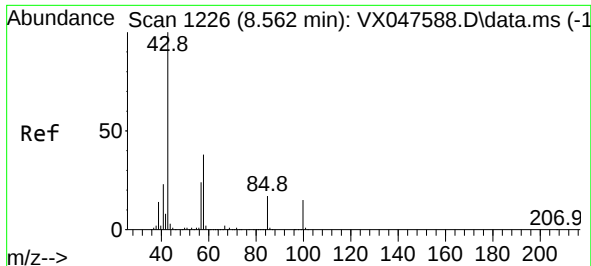
Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

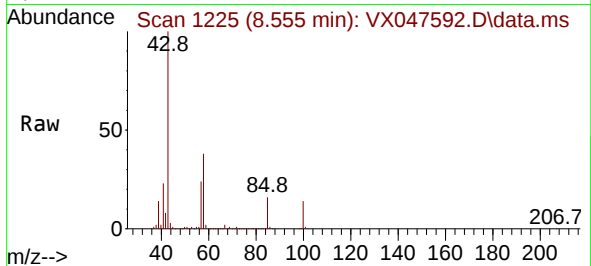
Tgt Ion: 98 Resp: 357393
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

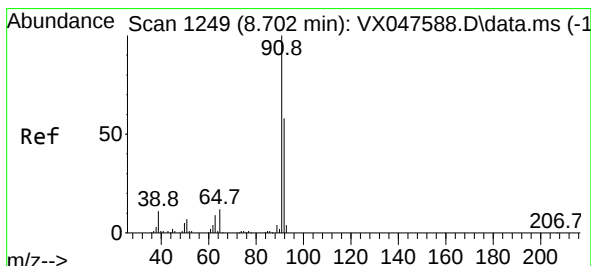
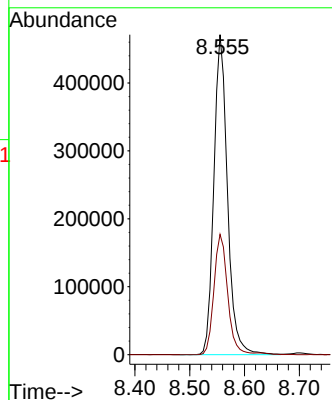
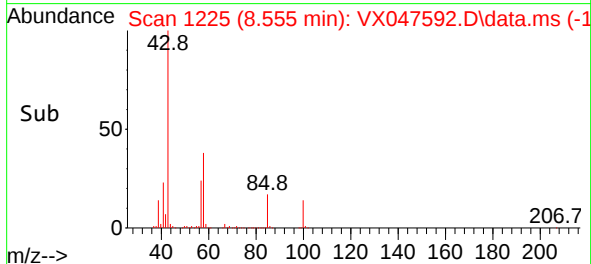
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 43 Resp: 809759
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

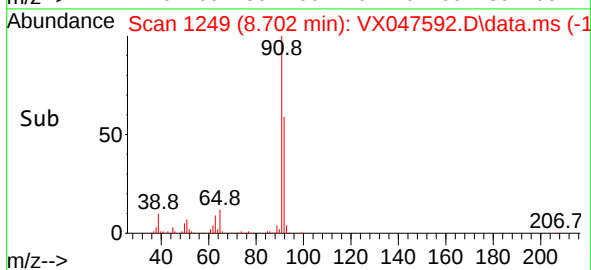
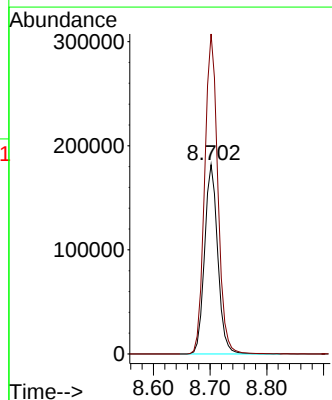
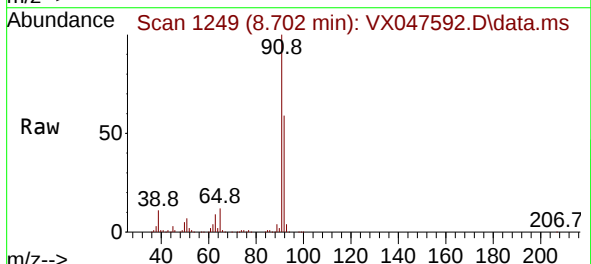
Manual Integrations
APPROVED

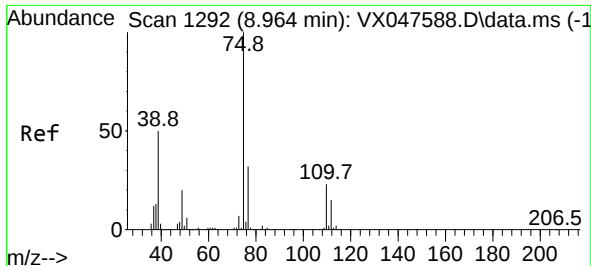
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





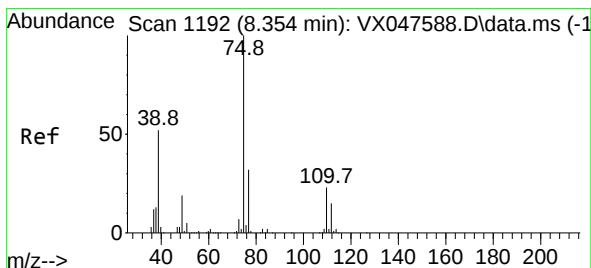
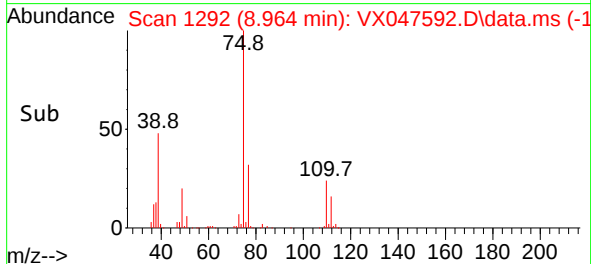
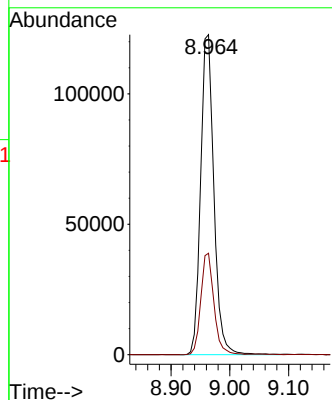
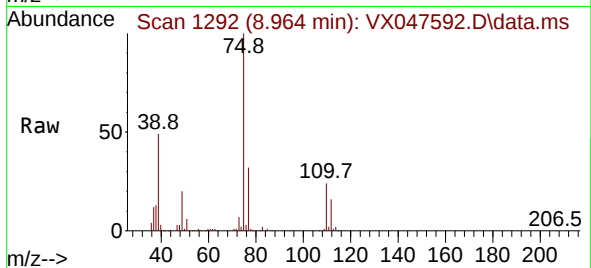
#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument : MSVOA_X
ClientSampleId : ICVVX091625

Tgt Ion: 75 Resp: 19186
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

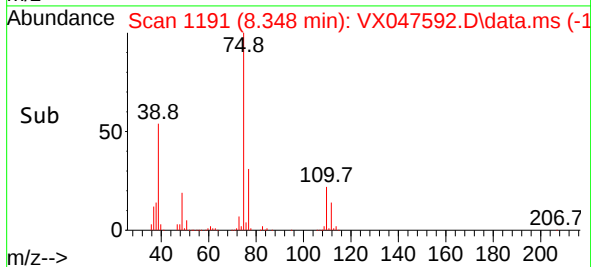
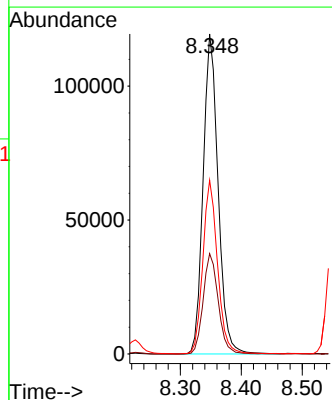
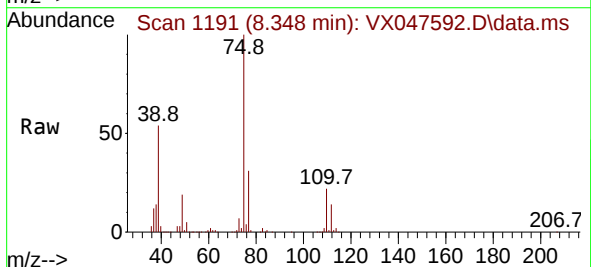
Manual Integrations
APPROVED

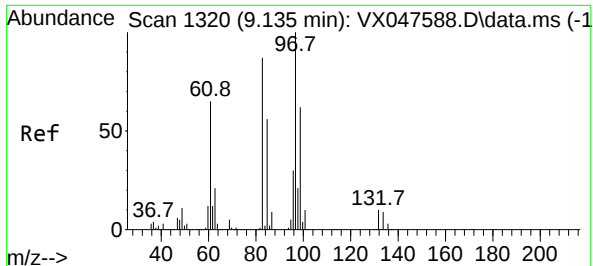
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 203954
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
39 54.2 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 47.772 ug/l

RT: 9.134 min Scan# 112094

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVX091625

Tgt Ion: 97 Resp: 112094

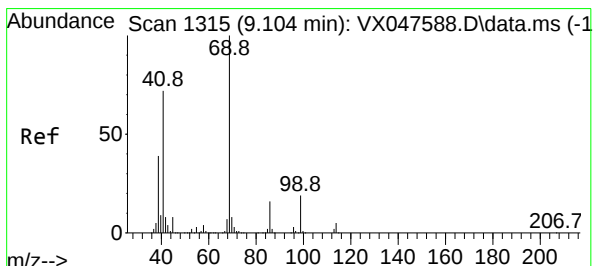
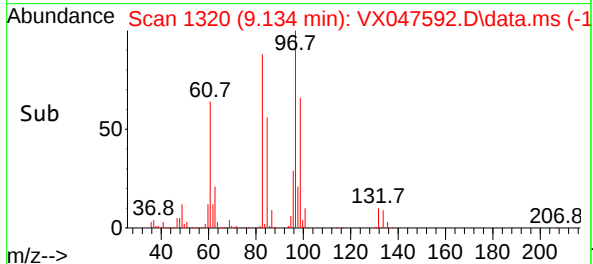
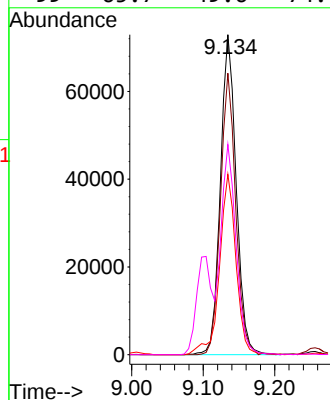
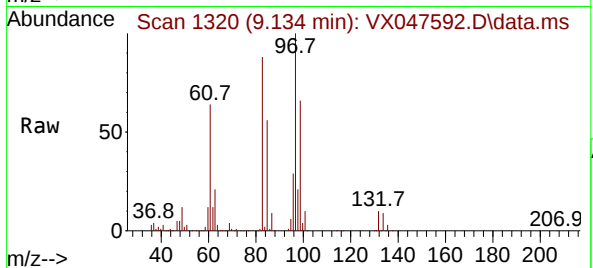
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.4	45.0	67.6
99	65.7	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#56

Ethyl methacrylate

Concen: 51.490 ug/l

RT: 9.098 min Scan# 1314

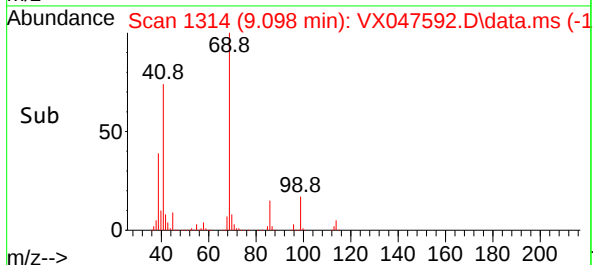
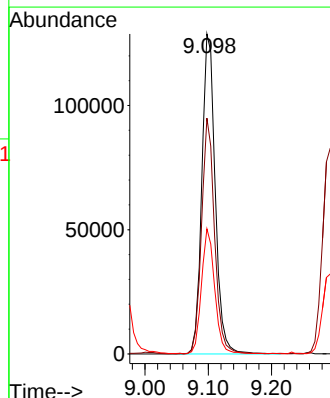
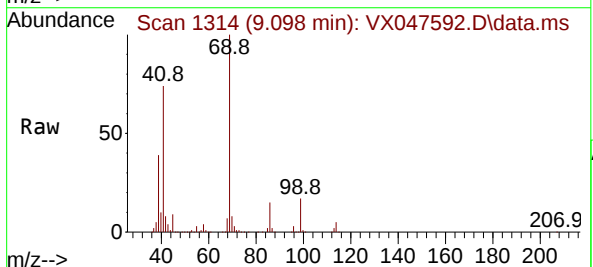
Delta R.T. -0.006 min

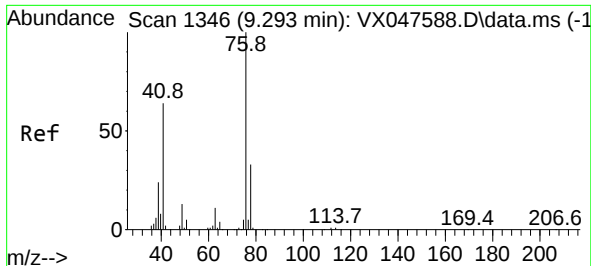
Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Tgt Ion: 69 Resp: 189741

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3





#57

1,3-Dichloropropane

Concen: 48.894 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

Tgt Ion: 76 Resp: 197079

Ion Ratio Lower Upper

76 100

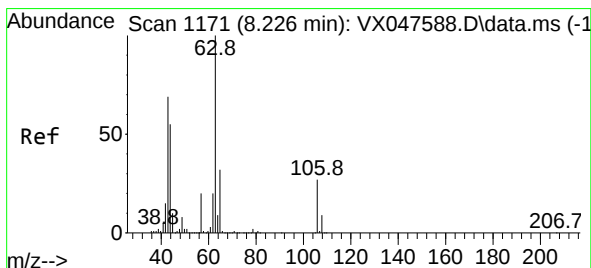
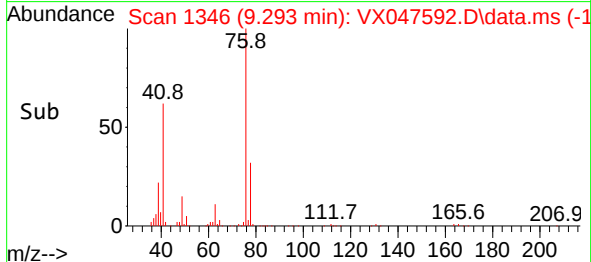
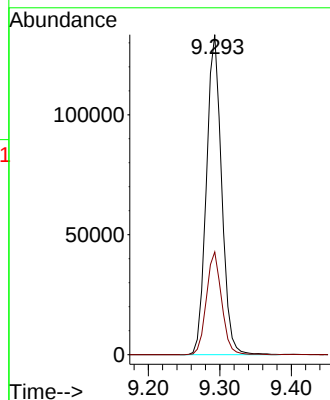
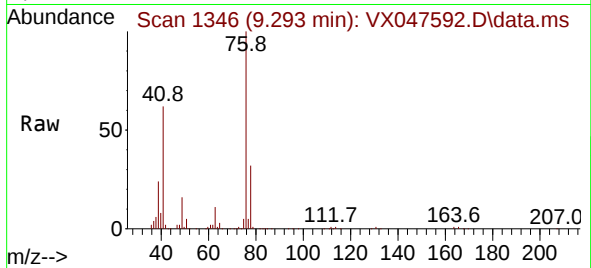
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 225.562 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047592.D

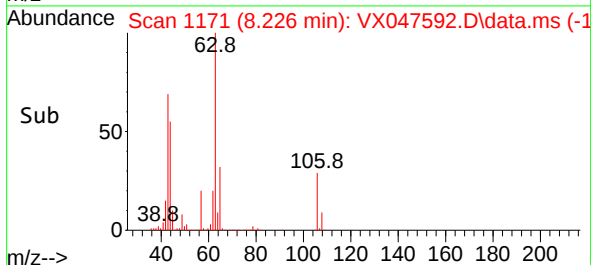
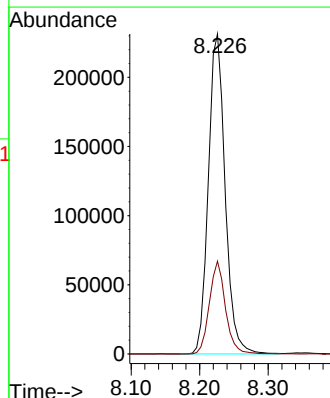
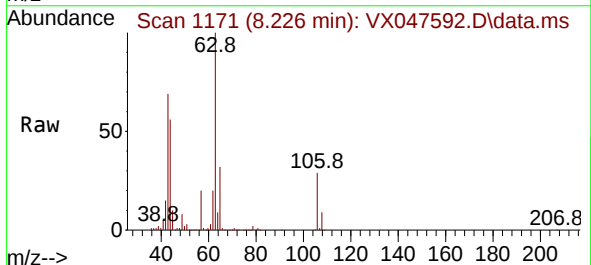
Acq: 16 Sep 2025 13:35

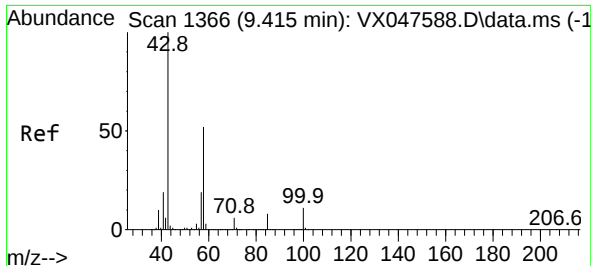
Tgt Ion: 63 Resp: 394205

Ion Ratio Lower Upper

63 100

106 27.8 21.9 32.9





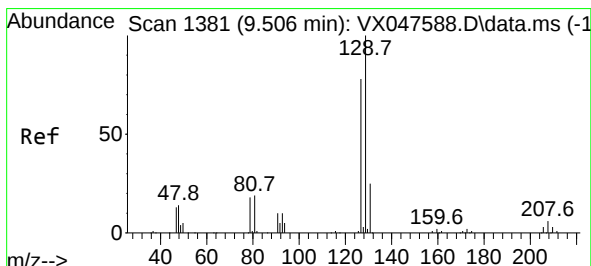
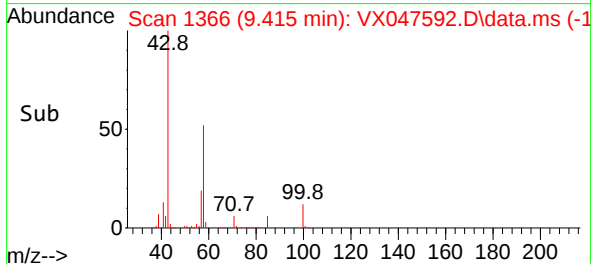
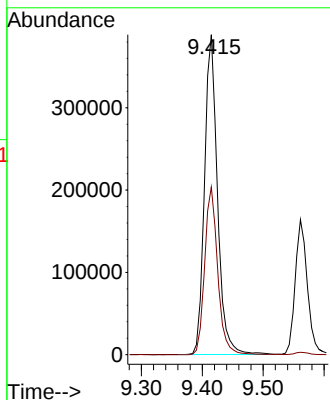
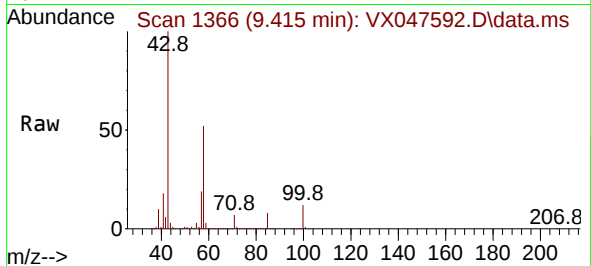
#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVX091625

Tgt Ion: 43 Resp: 575599
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.2

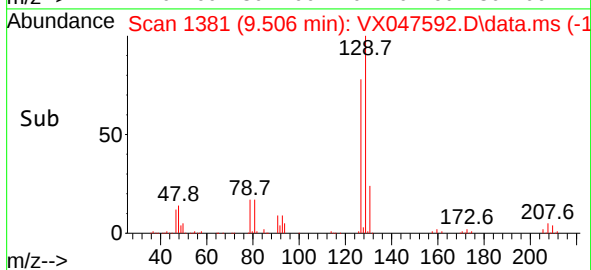
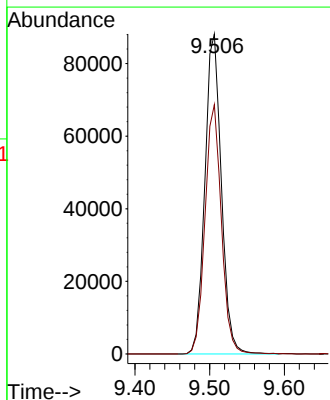
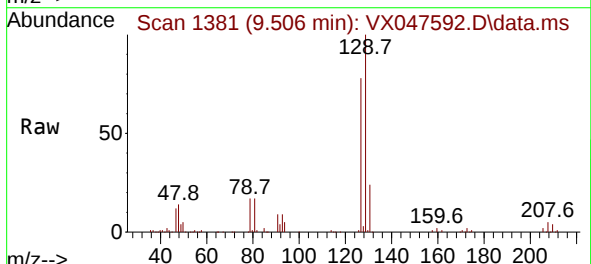
Manual Integrations
APPROVED

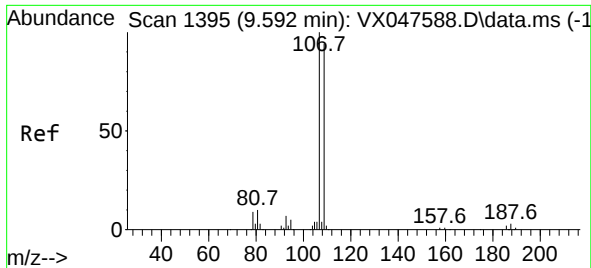
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

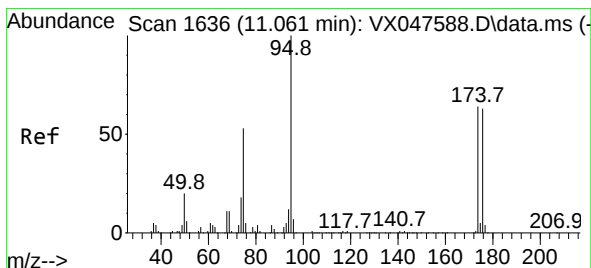
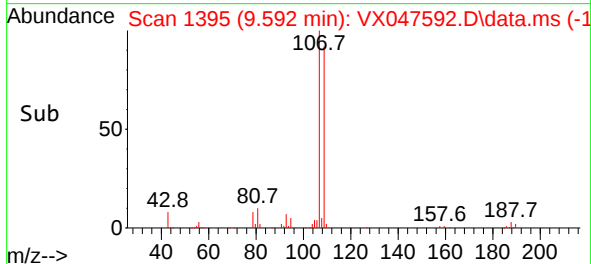
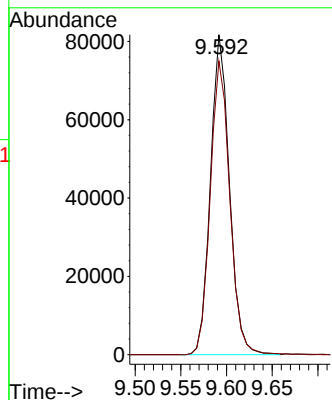
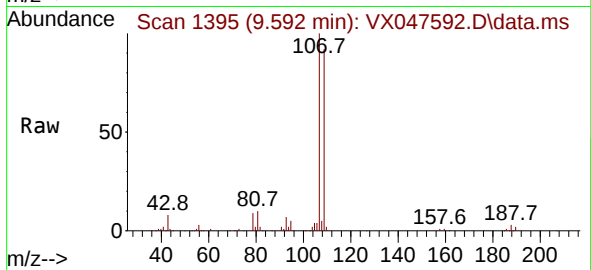
ICVVX091625

Tgt Ion:107 Resp: 11781
Ion Ratio Lower Upper
107 100
109 94.6 75.3 112.9

Manual Integrations

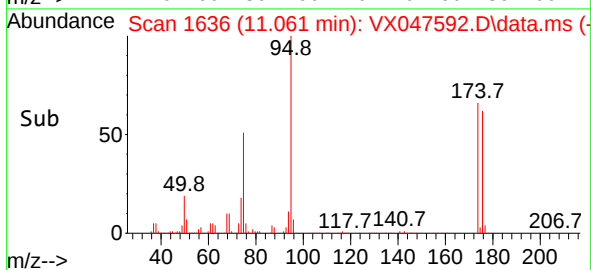
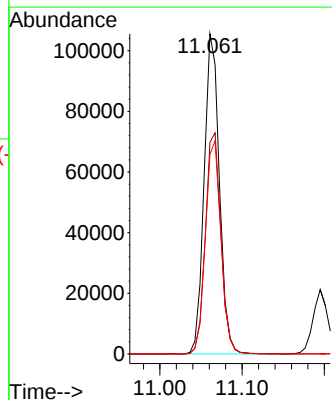
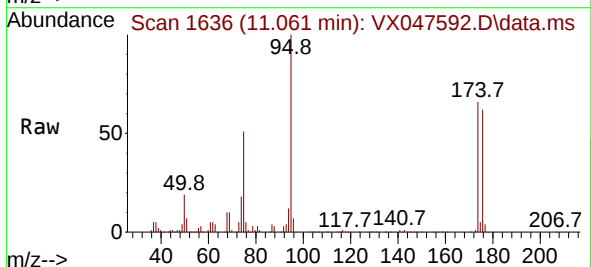
APPROVED

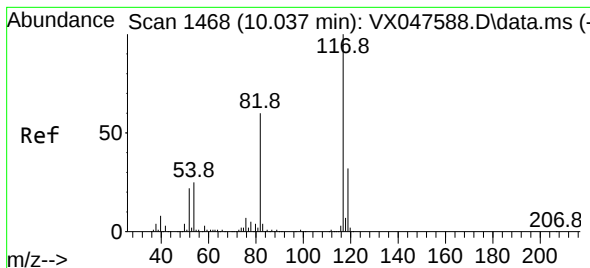
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

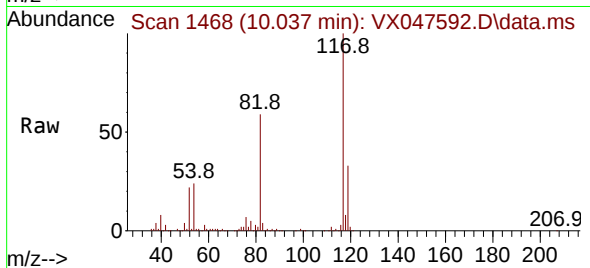
Tgt Ion: 95 Resp: 135957
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.6
176 68.0 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

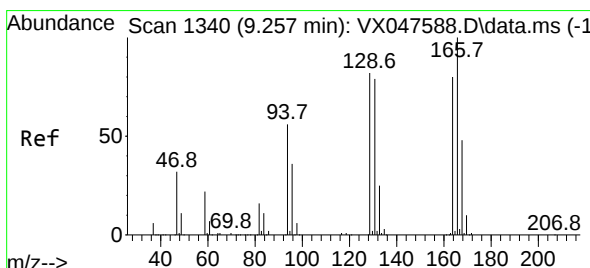
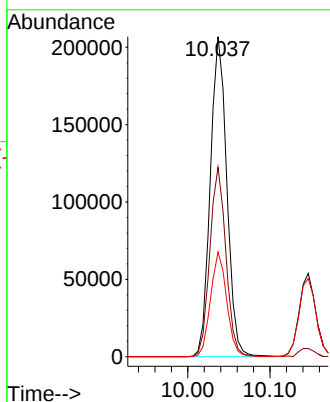
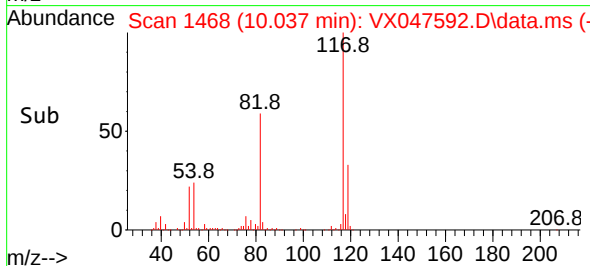
Instrument : MSVOA_X
ClientSampleId : ICVVX091625



Tgt Ion:117 Resp: 288660
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.6
119 32.7 25.2 37.8

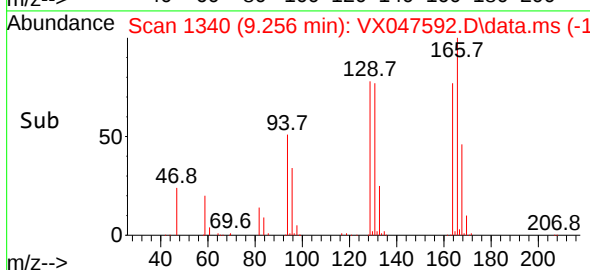
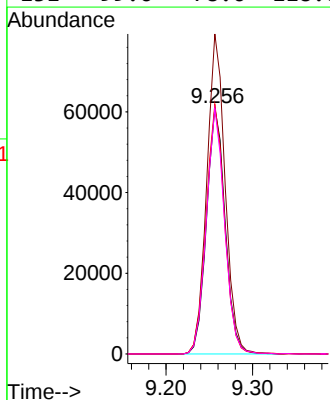
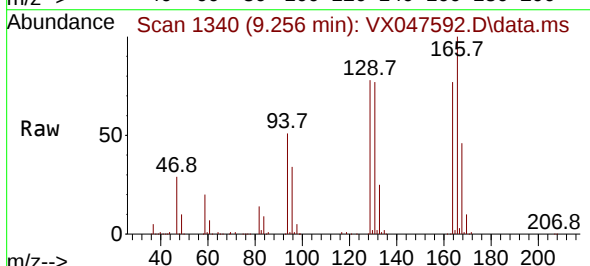
Manual Integrations
APPROVED

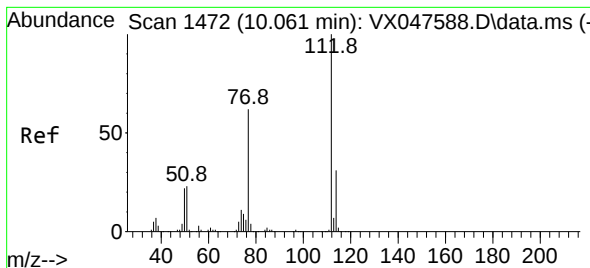
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:164 Resp: 90881
Ion Ratio Lower Upper
164 100
166 129.8 100.2 150.2
129 101.3 81.8 122.6
131 99.6 78.6 118.0





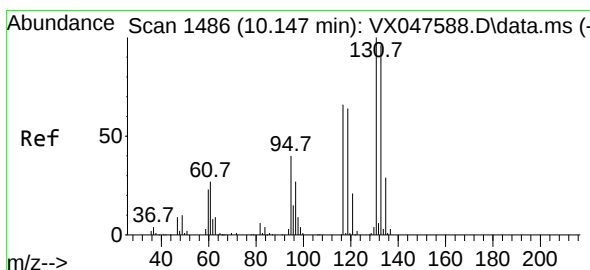
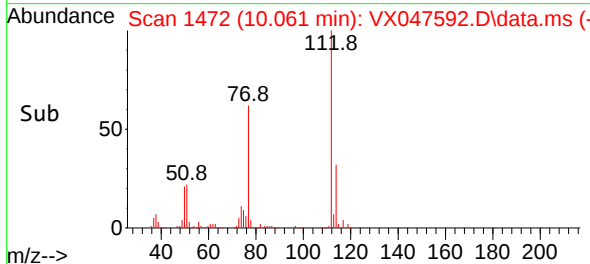
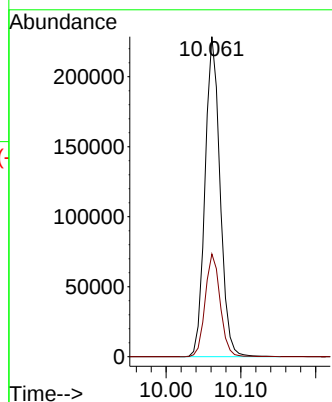
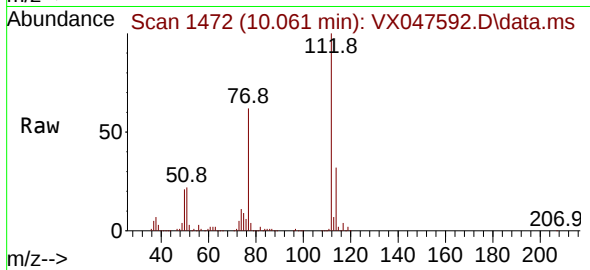
#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:112 Resp: 318372
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

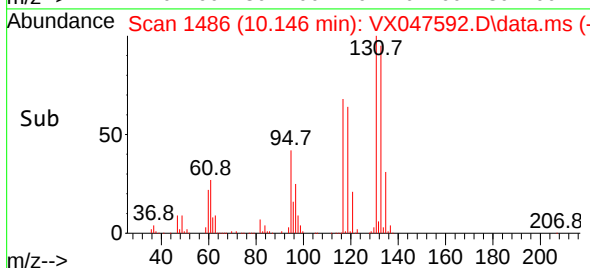
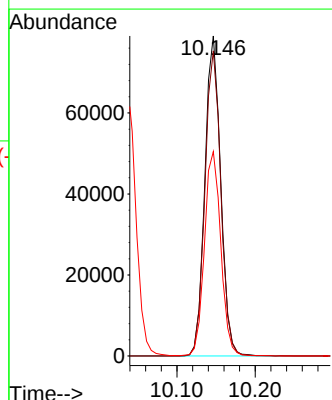
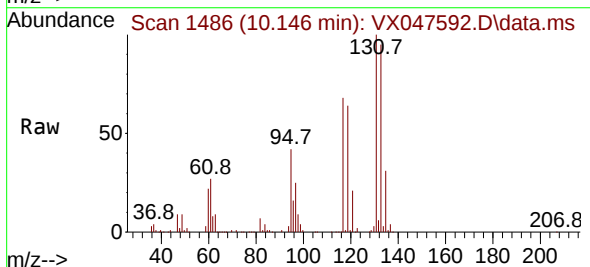
Manual Integrations
APPROVED

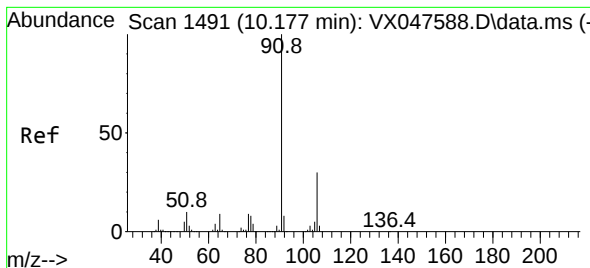
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:131 Resp: 110416
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 66.3 32.0 96.0





#67

Ethyl Benzene

Concen: 49.813 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

Tgt Ion: 91 Resp: 563634

Ion Ratio Lower Upper

91 100

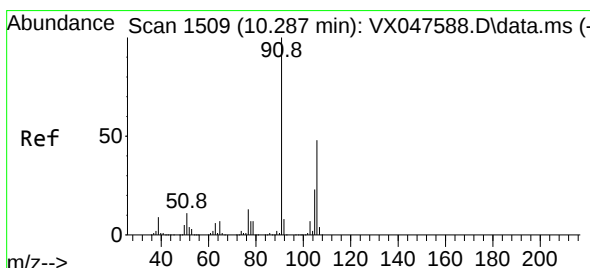
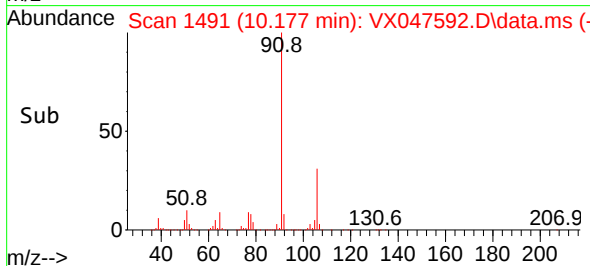
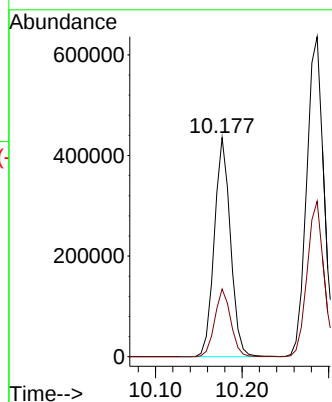
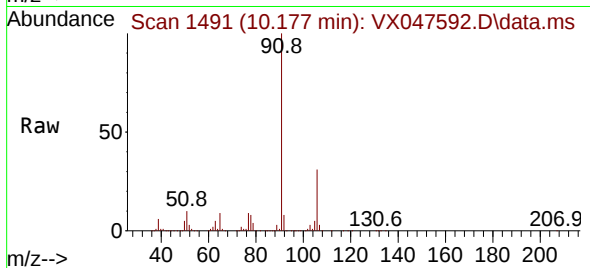
106 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#68

m/p-Xylenes

Concen: 98.956 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX047592.D

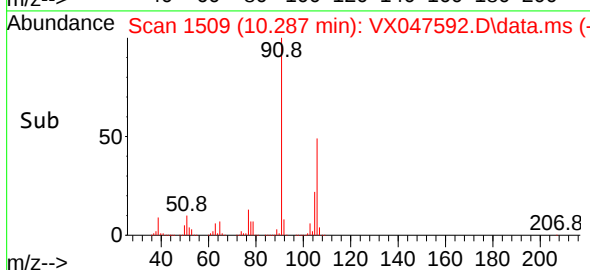
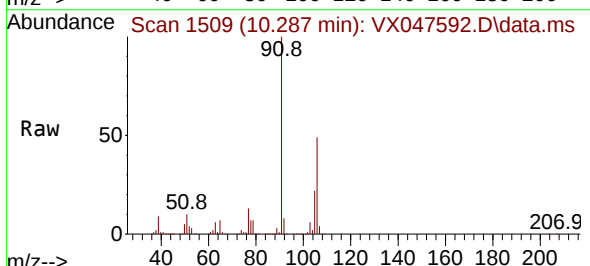
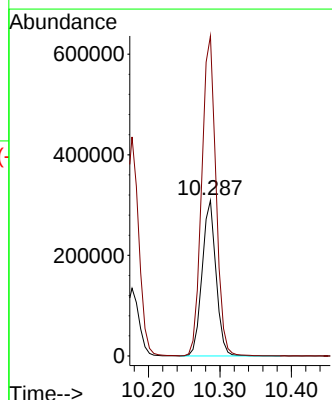
Acq: 16 Sep 2025 13:35

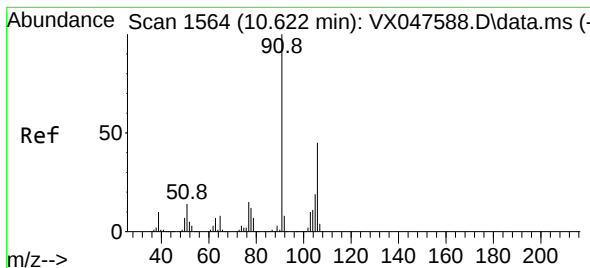
Tgt Ion:106 Resp: 416757

Ion Ratio Lower Upper

106 100

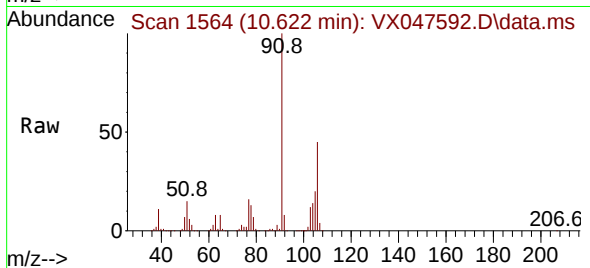
91 211.1 167.8 251.8





#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

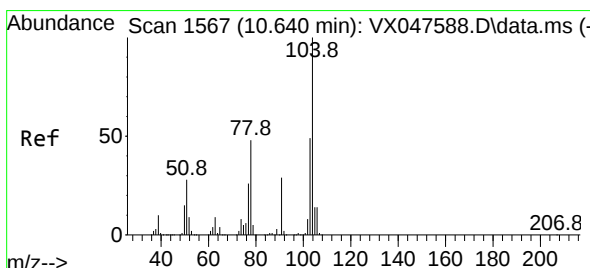
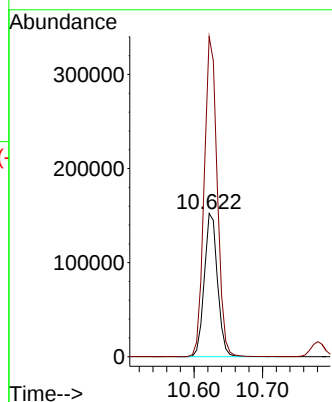
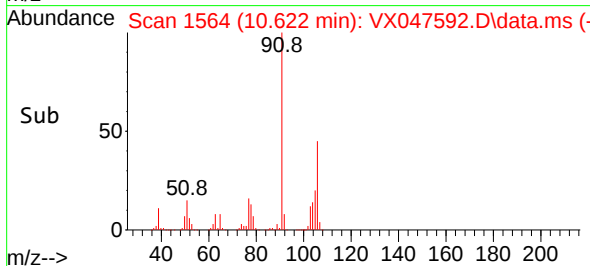
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion:106 Resp: 20432
Ion Ratio Lower Upper
106 100
91 221.0 111.1 333.4

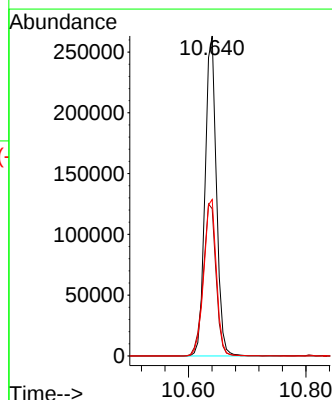
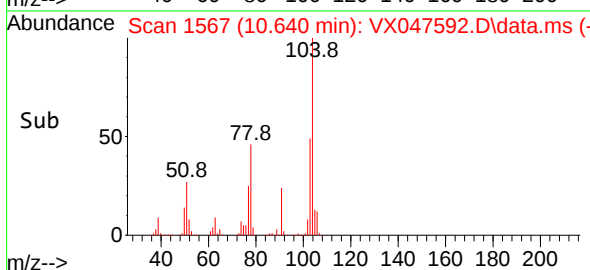
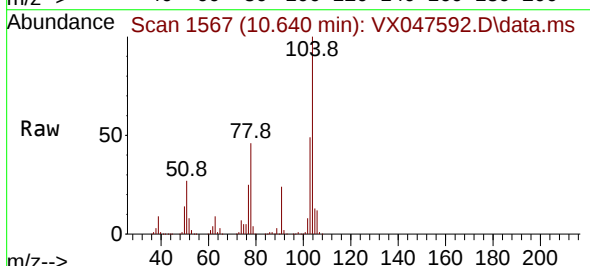
Manual Integrations
APPROVED

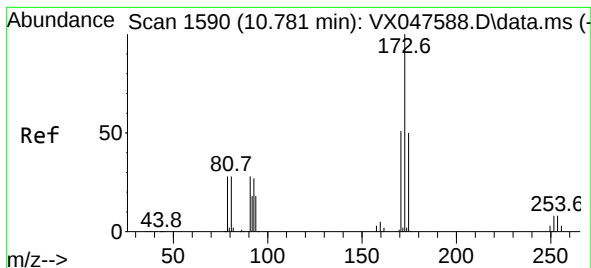
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

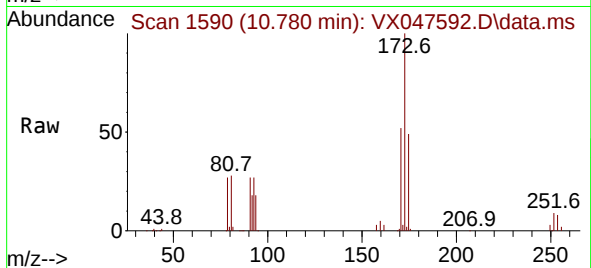
Tgt Ion:104 Resp: 353567
Ion Ratio Lower Upper
104 100
78 53.4 43.1 64.7
103 54.3 43.1 64.7





#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

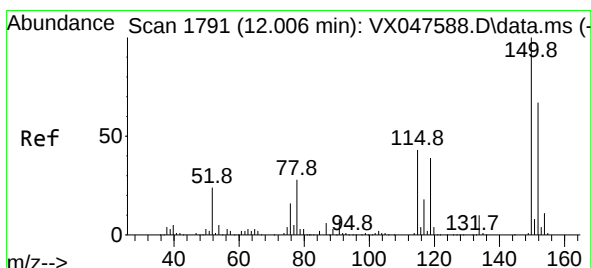
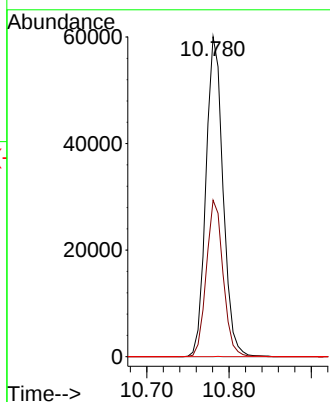
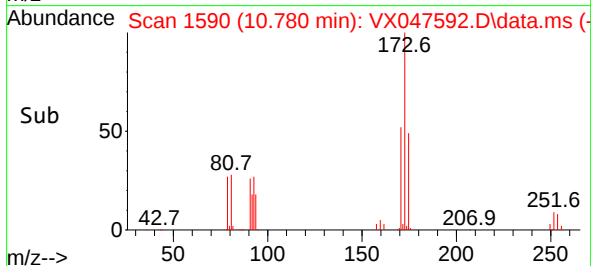
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



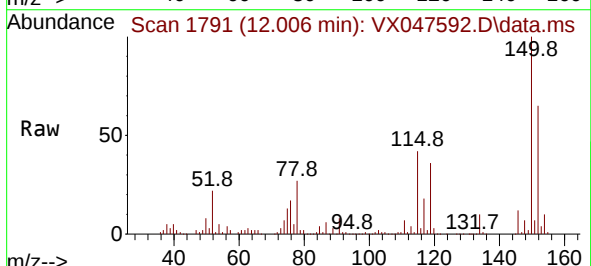
Tgt Ion:173 Resp: 86524
Ion Ratio Lower Upper
173 100
175 48.2 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

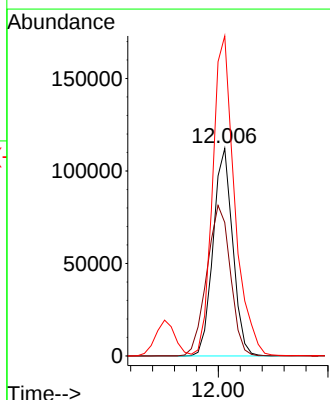
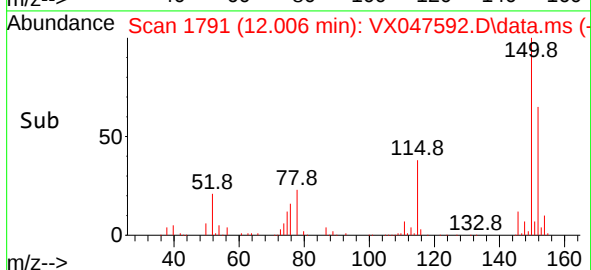
Reviewed By :John Carbone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

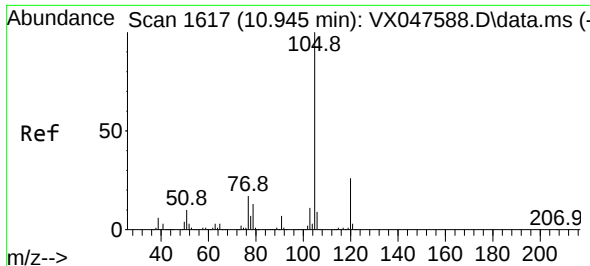


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35



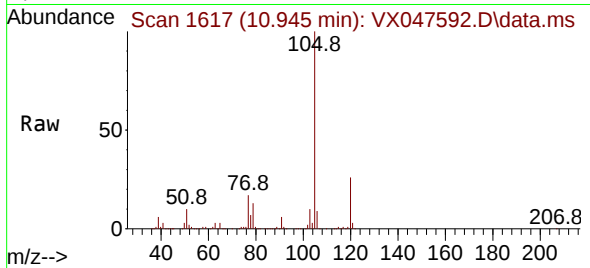
Tgt Ion:152 Resp: 139252
Ion Ratio Lower Upper
152 100
115 87.5 44.9 134.5
150 173.5 0.0 352.0





#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

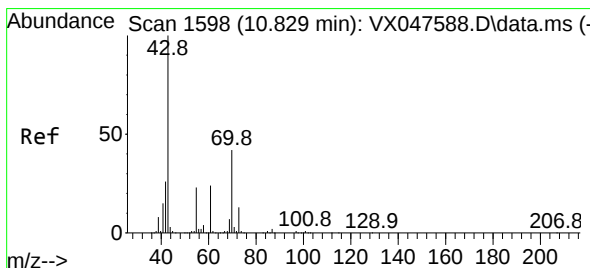
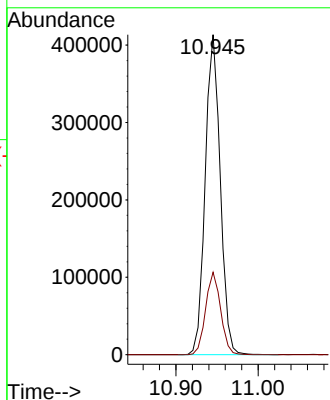
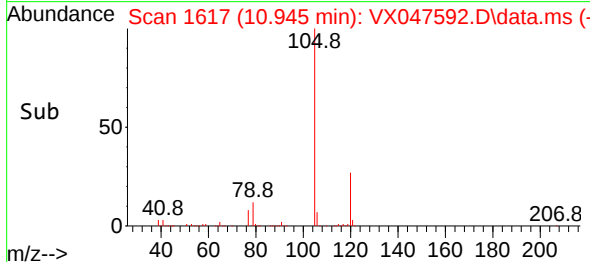
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion:105 Resp: 523820
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

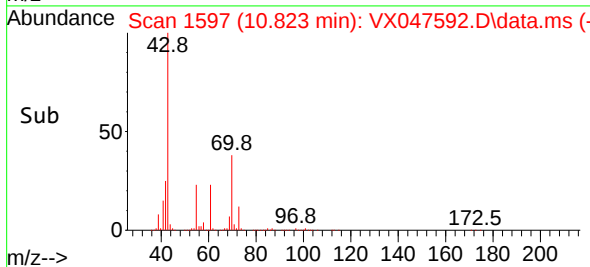
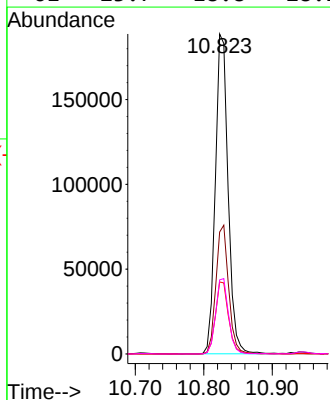
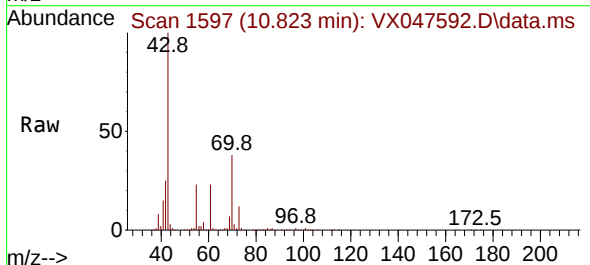
Manual Integrations
APPROVED

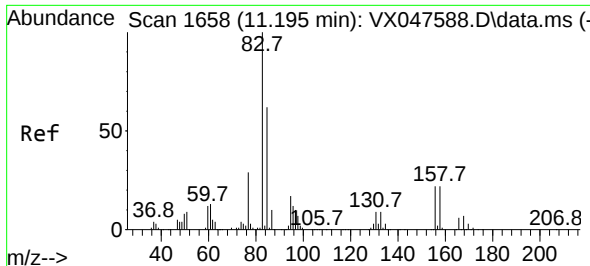
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#74
N-ethyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

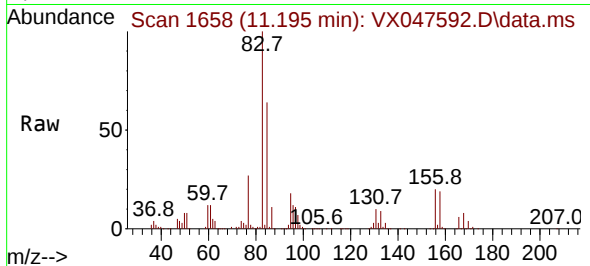
Tgt Ion: 43 Resp: 243198
Ion Ratio Lower Upper
43 100
70 40.2 32.0 48.0
55 23.2 18.9 28.3
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

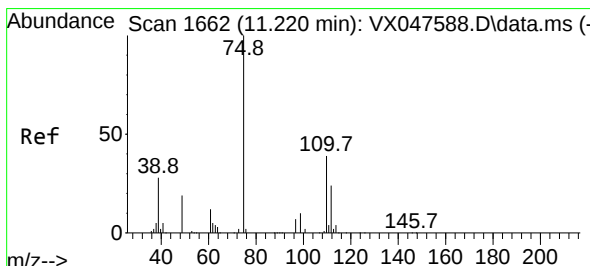
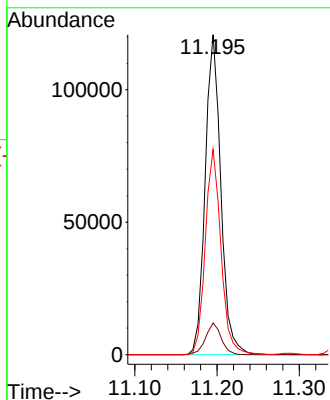
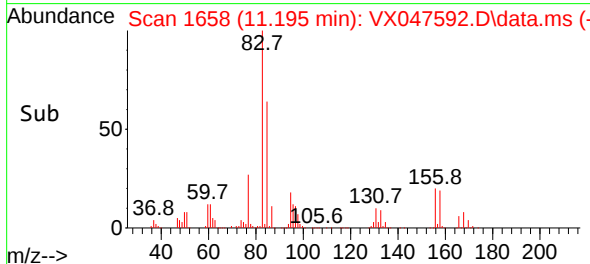
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 83 Resp: 159670
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.2 31.6 95.0

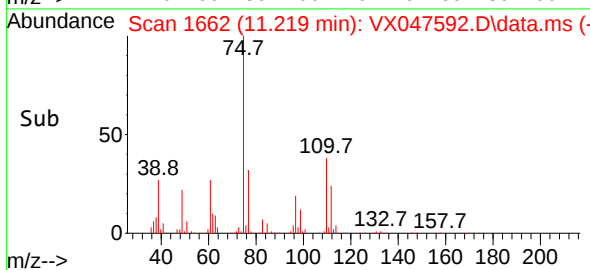
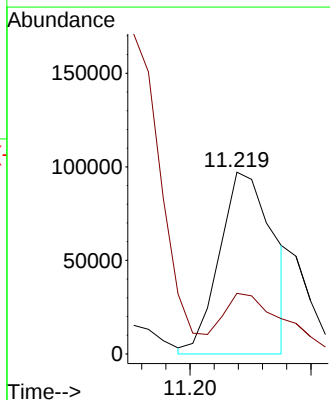
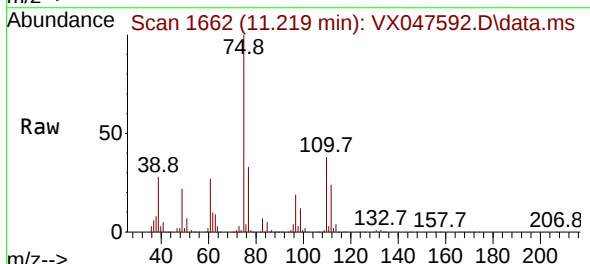
Manual Integrations
APPROVED

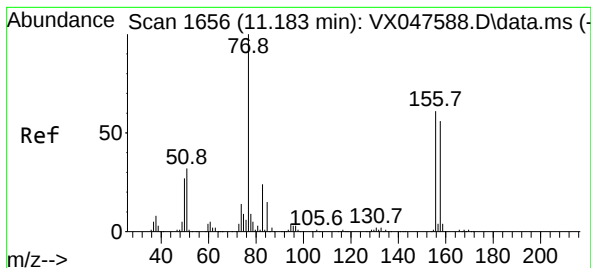
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#76
1,2,3-Trichloropropane
Concen: 53.124 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 149779
Ion Ratio Lower Upper
75 100
77 38.0 18.8 56.4





#77

Bromobenzene

Concen: 48.173 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

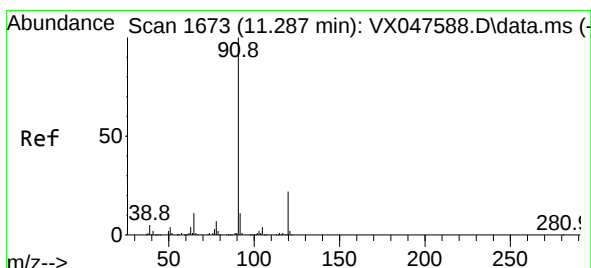
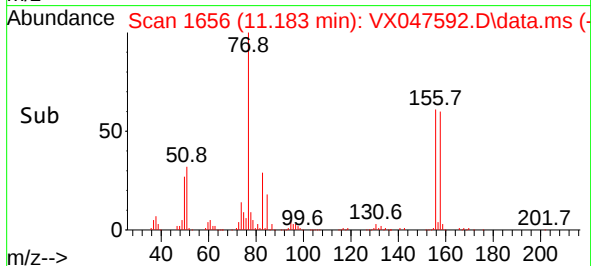
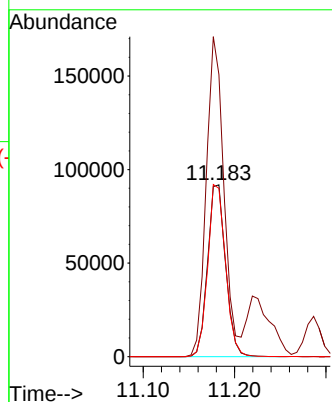
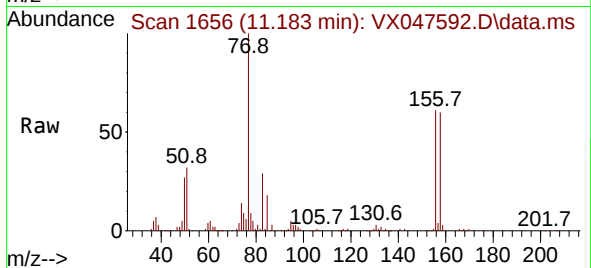
Tgt Ion:	156	Resp:	125610
Ion Ratio	Lower	Upper	
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#78

n-propylbenzene

Concen: 49.295 ug/l

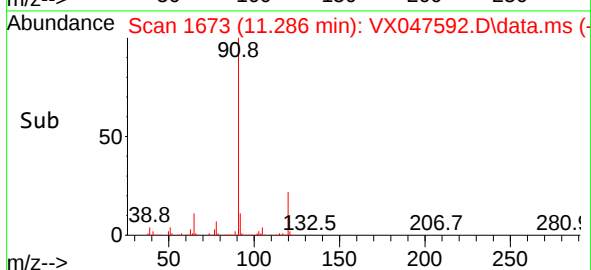
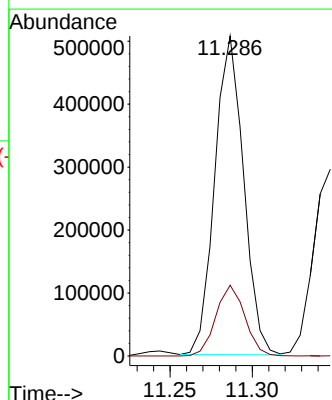
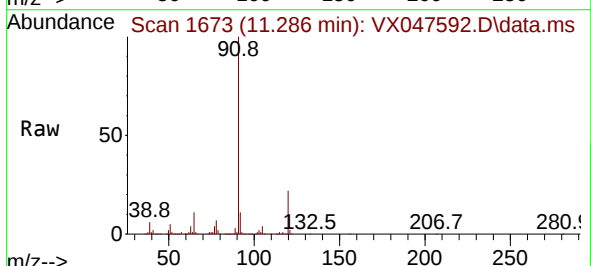
RT: 11.286 min Scan# 1673

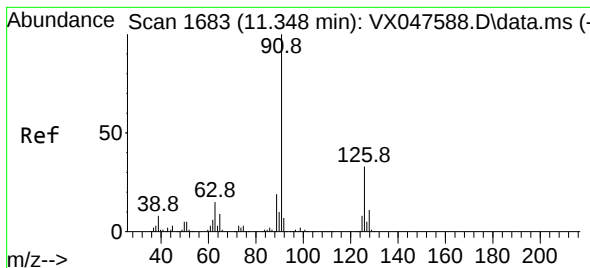
Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Tgt Ion:	91	Resp:	616928
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





#79

2-Chlorotoluene

Concen: 49.117 ug/l

RT: 11.347 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

Tgt Ion: 91 Resp: 376480

Ion Ratio Lower Upper

91 100

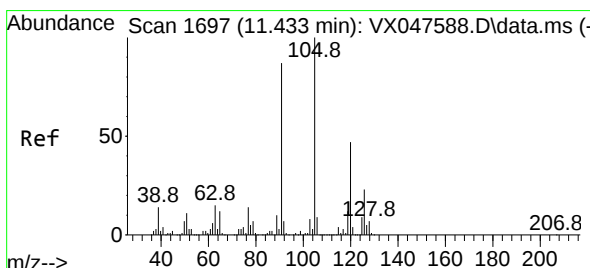
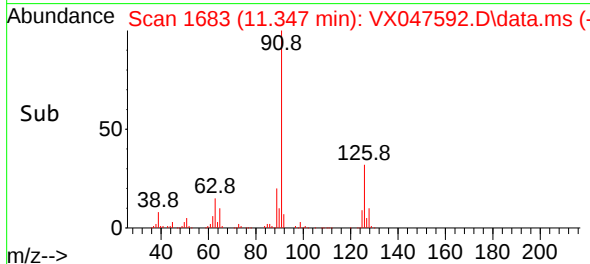
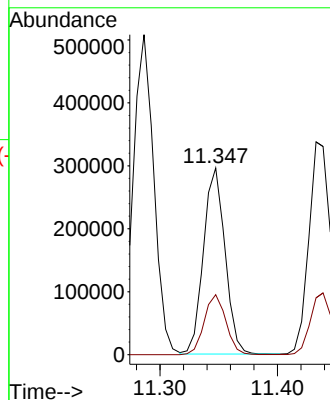
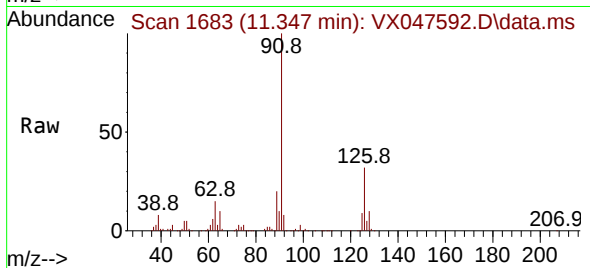
126 32.4 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#80

1,3,5-Trimethylbenzene

Concen: 50.055 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX047592.D

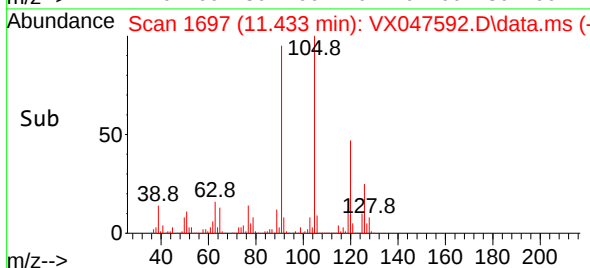
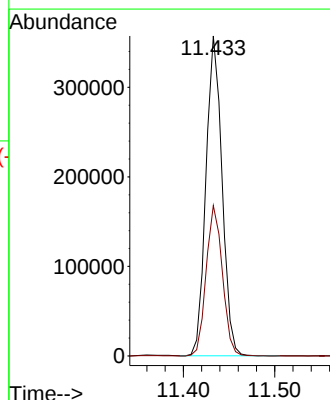
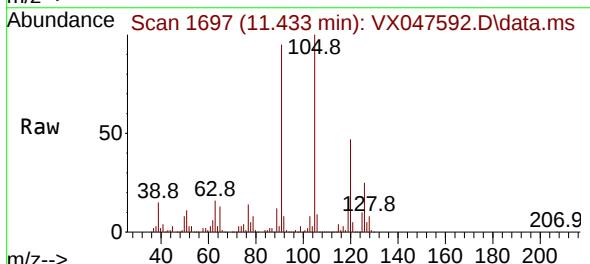
Acq: 16 Sep 2025 13:35

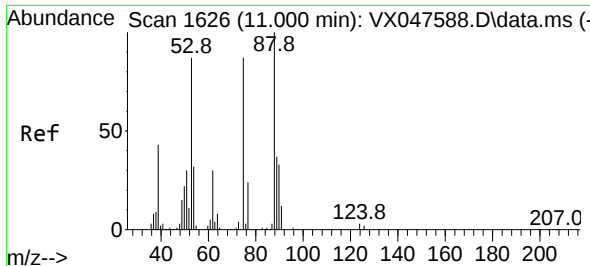
Tgt Ion:105 Resp: 435375

Ion Ratio Lower Upper

105 100

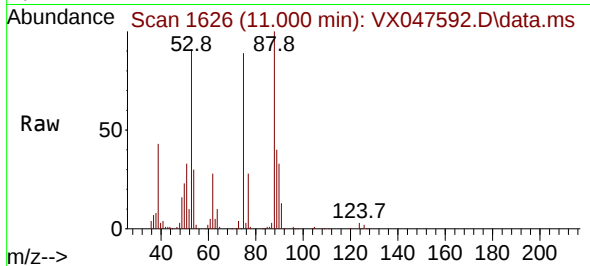
120 47.5 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

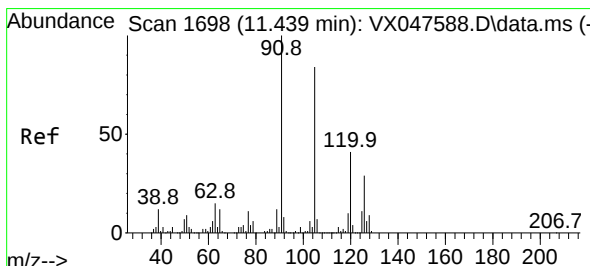
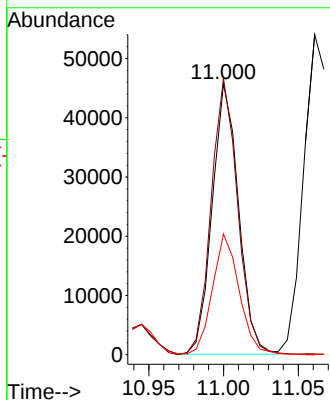
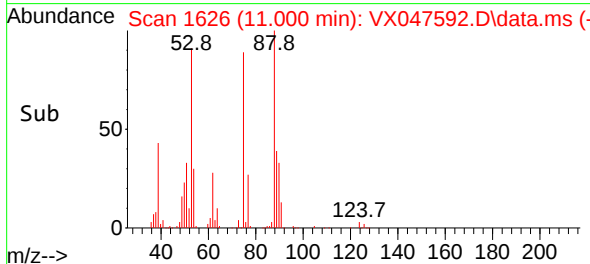
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion: 75 Resp: 55880
Ion Ratio Lower Upper
75 100
53 103.4 83.4 125.2
89 45.4 36.3 54.5

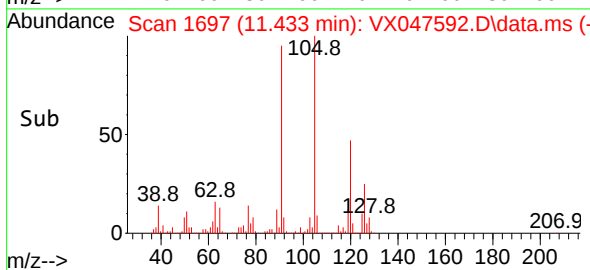
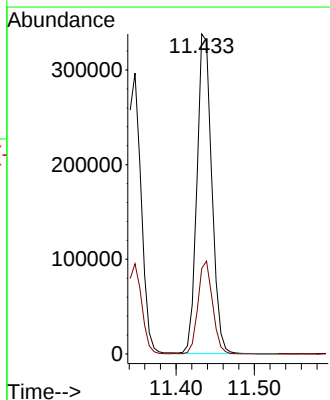
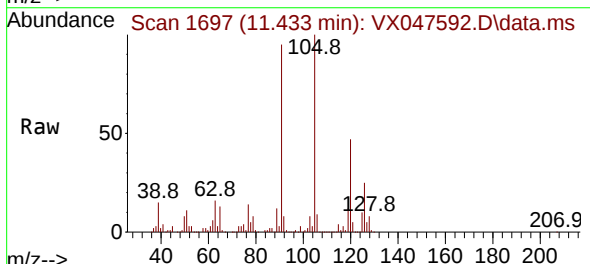
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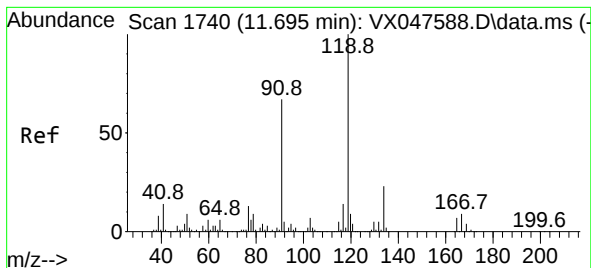
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.679 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091625

Tgt Ion:119 Resp: 44234

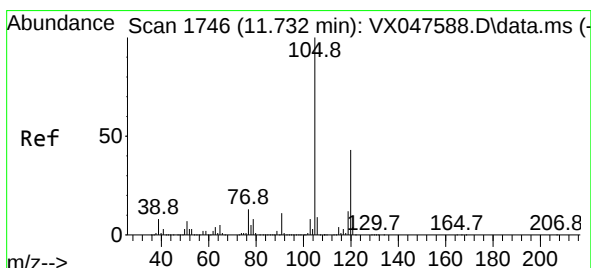
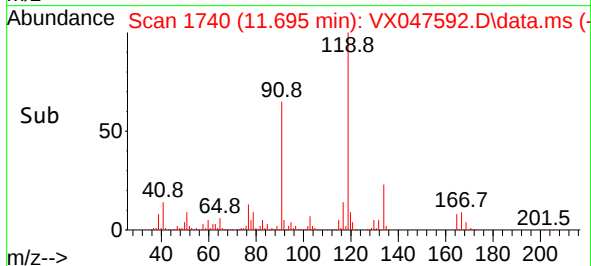
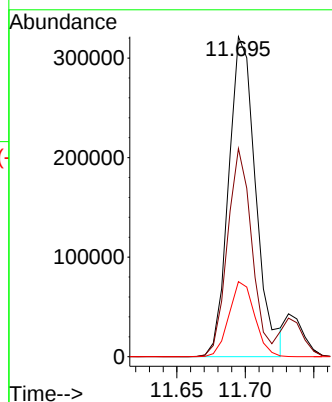
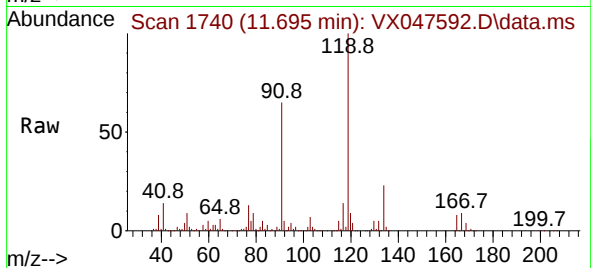
Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 49.911 ug/l

RT: 11.732 min Scan# 1746

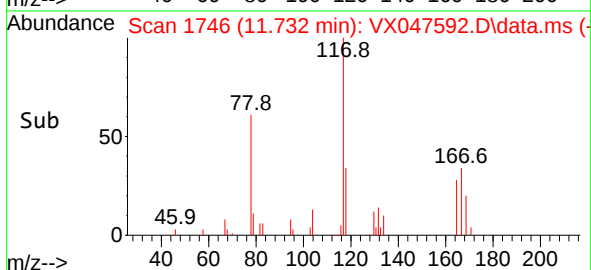
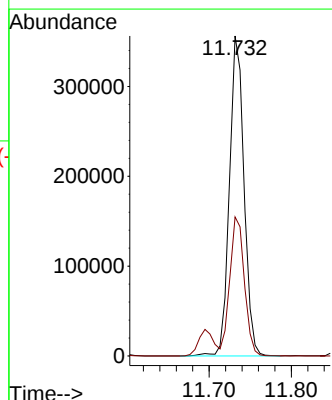
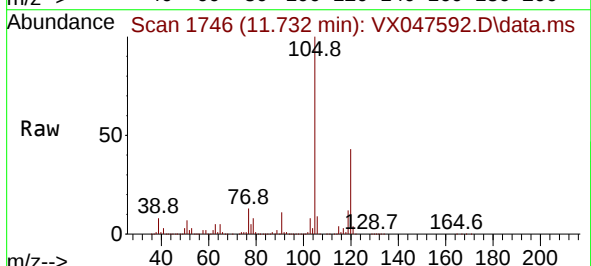
Delta R.T. -0.000 min

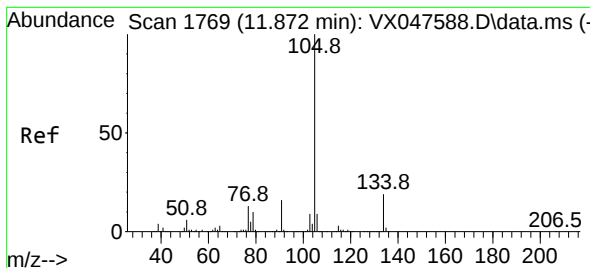
Lab File: VX047592.D

Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

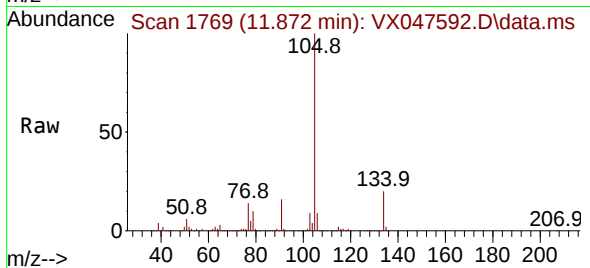
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1





#85
 sec-Butylbenzene
 Concen: 50.100 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047592.D
 Acq: 16 Sep 2025 13:35

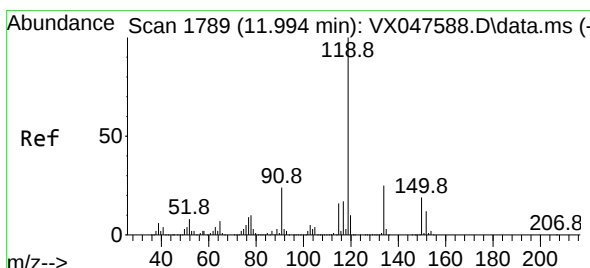
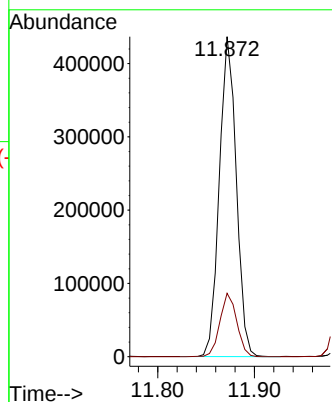
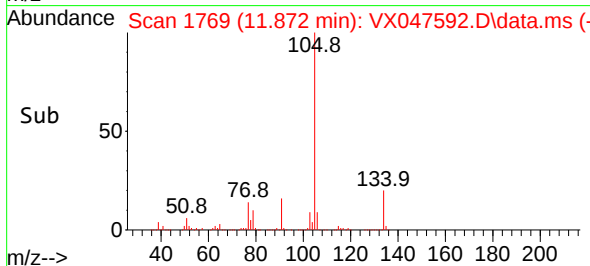
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091625



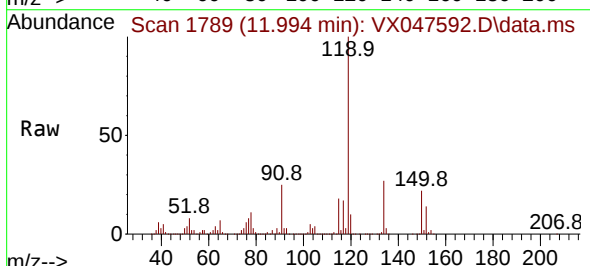
Tgt Ion:105 Resp: 529869
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

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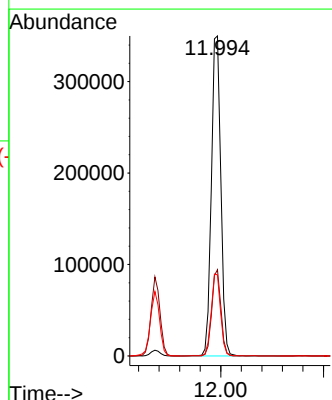
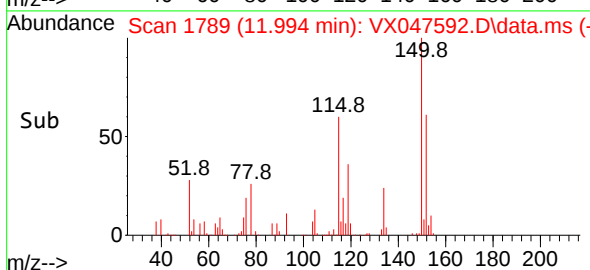
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025

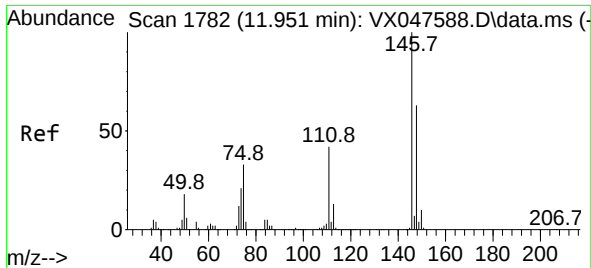


#86
 p-Isopropyltoluene
 Concen: 49.861 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047592.D
 Acq: 16 Sep 2025 13:35



Tgt Ion:119 Resp: 446441
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.4 12.6 37.6





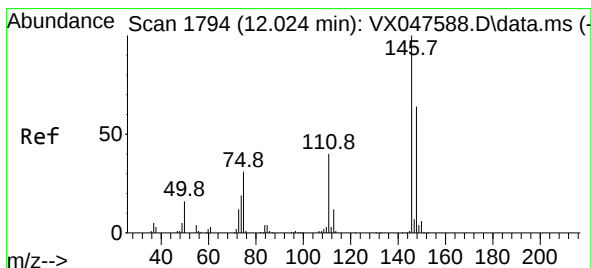
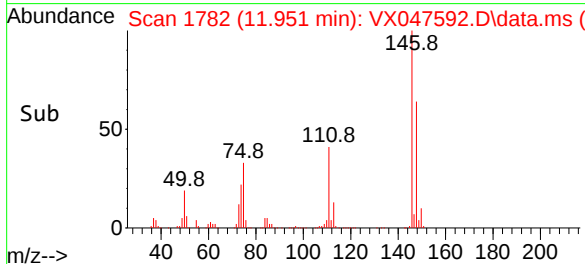
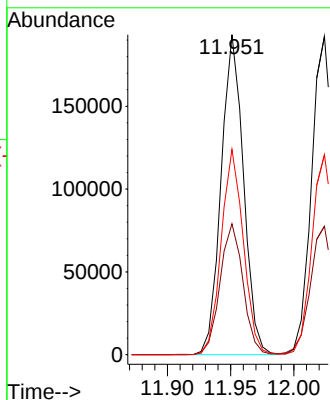
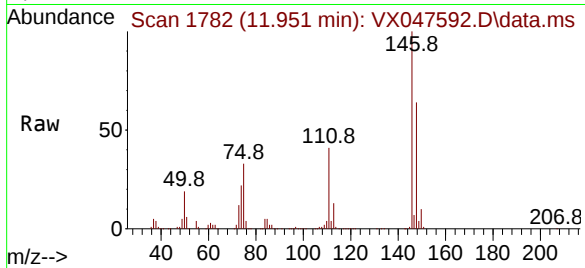
#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 23738
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.5 32.0 96.0

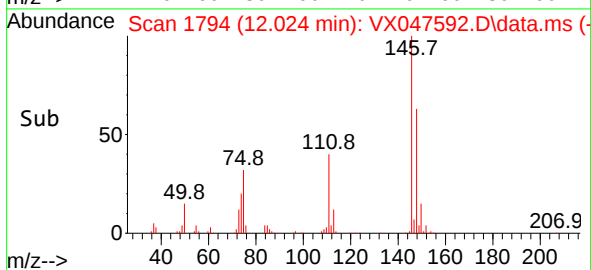
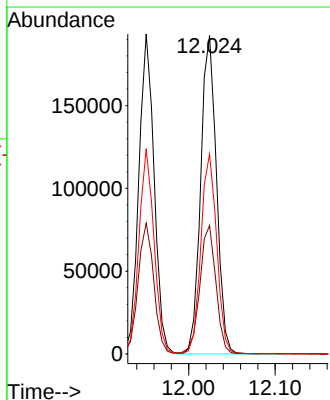
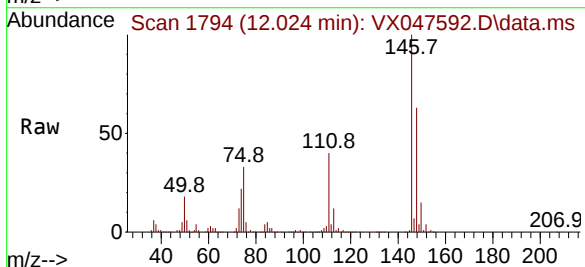
Manual Integrations
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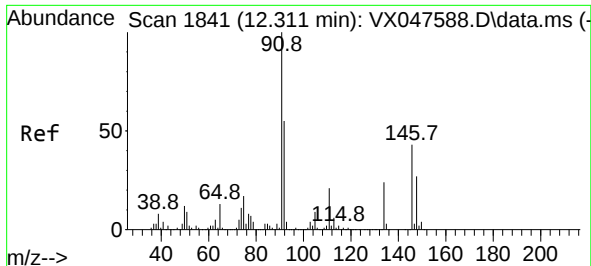
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

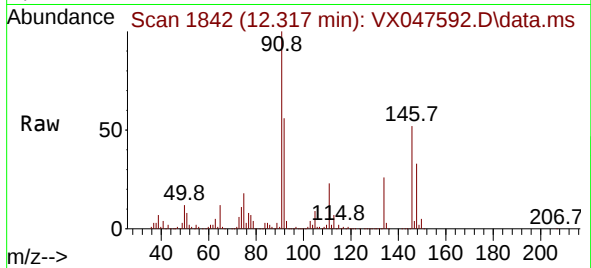
Tgt Ion:146 Resp: 243618
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 62.7 31.7 95.1





#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

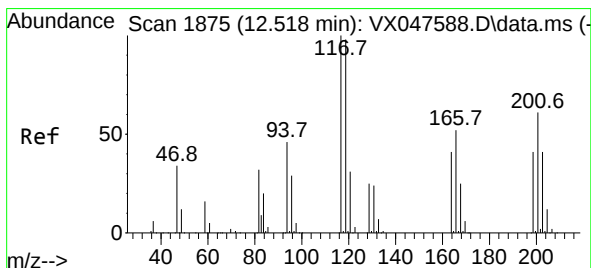
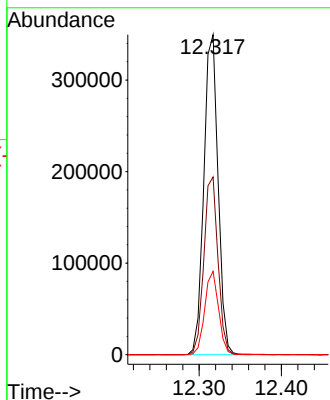
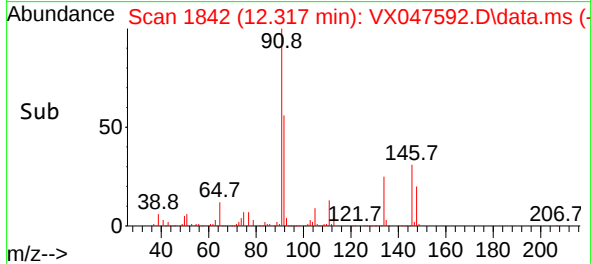
Instrument :
MSVOA_X
ClientSampleId :
ICVX091625



Tgt Ion: 91 Resp: 420478
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.7
134 25.3 12.6 37.8

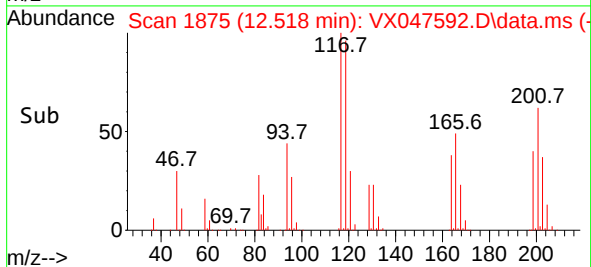
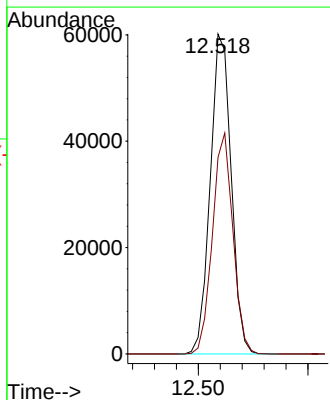
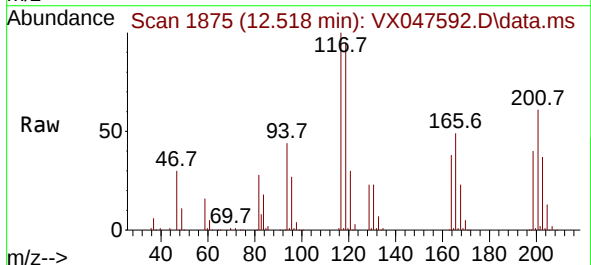
Manual Integrations
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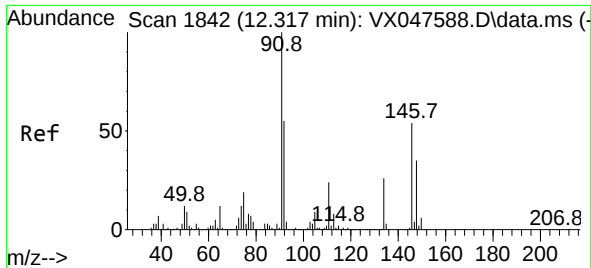
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

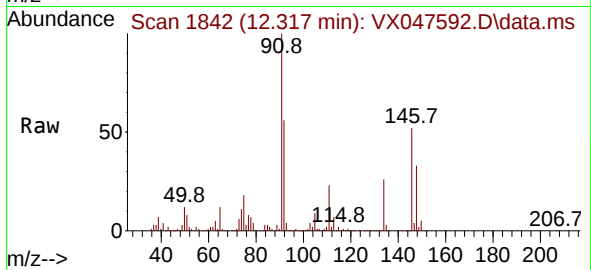
Tgt Ion:117 Resp: 79751
Ion Ratio Lower Upper
117 100
201 67.7 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

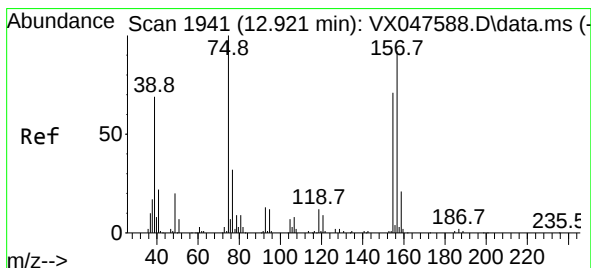
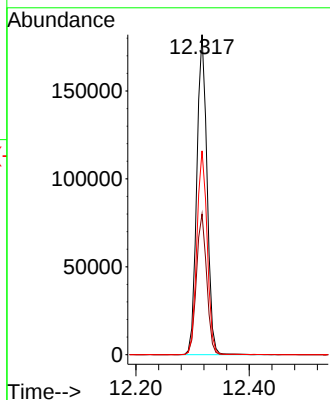
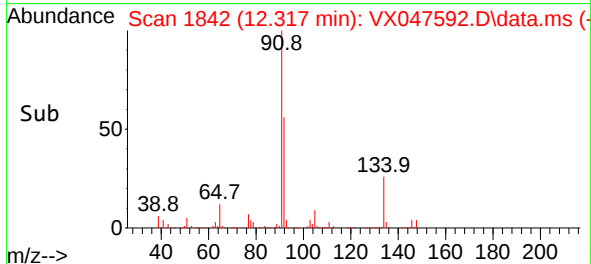
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



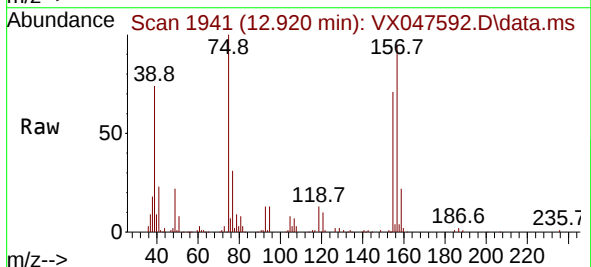
Tgt Ion:146 Resp: 22749
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 64.1 31.8 95.4

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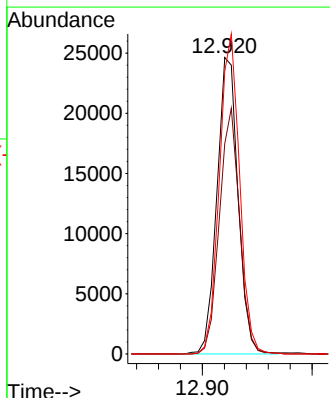
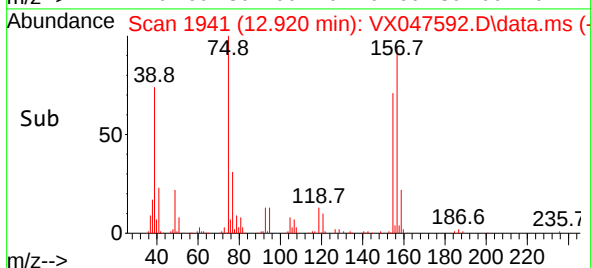
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

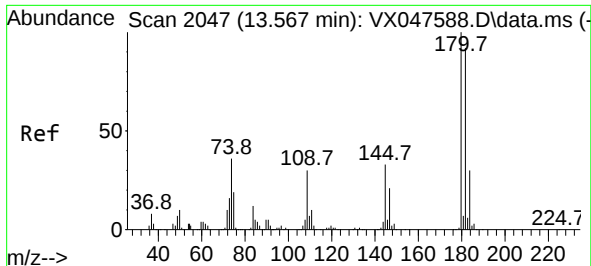


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35



Tgt Ion: 75 Resp: 33020
Ion Ratio Lower Upper
75 100
155 79.1 37.7 113.1
157 103.2 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :

MSVOA_X

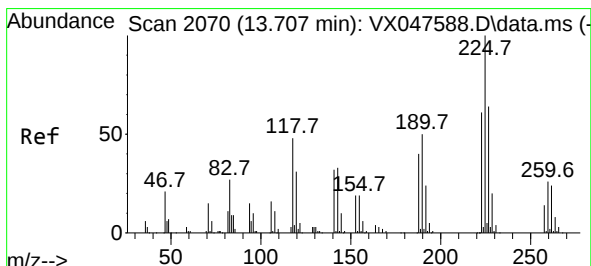
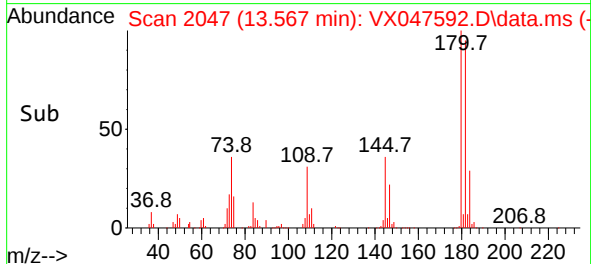
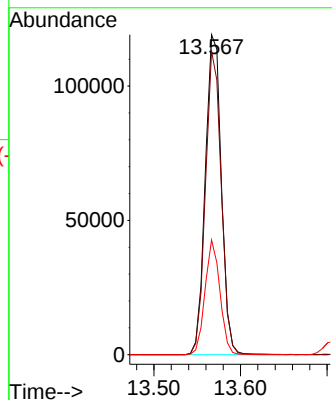
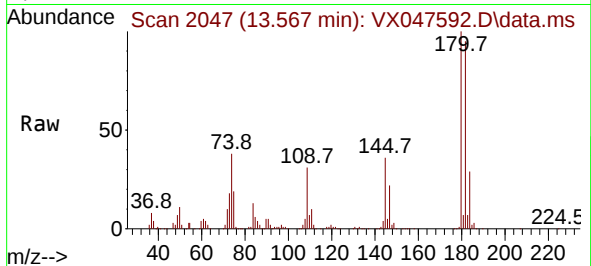
ClientSampleId :

ICVVX091625

Tgt Ion:180 Resp: 15333
Ion Ratio Lower Upper
180 100
182 93.1 46.6 139.8
145 33.3 16.4 49.1

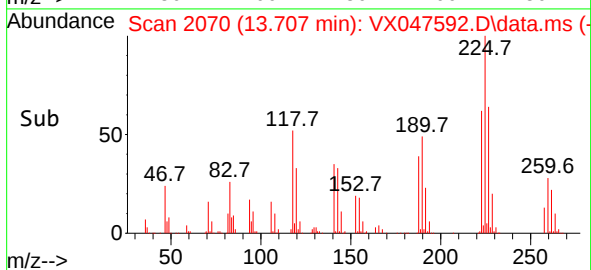
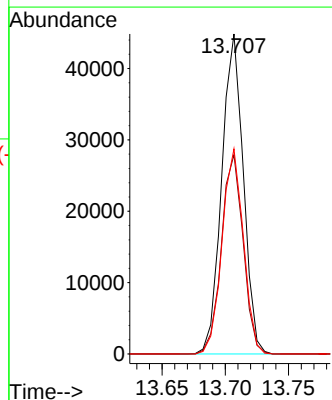
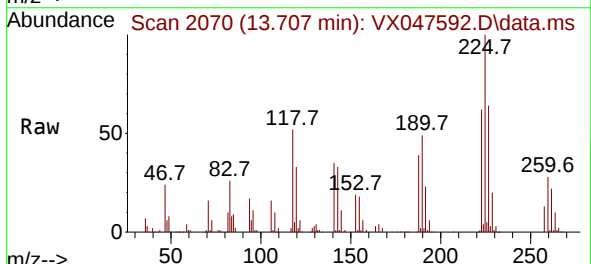
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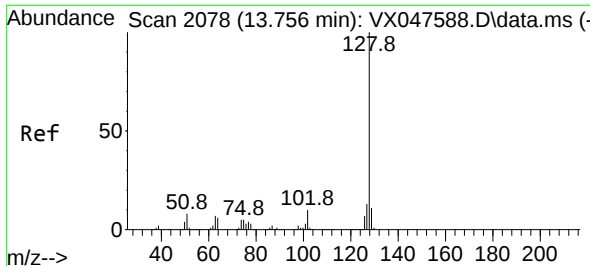
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

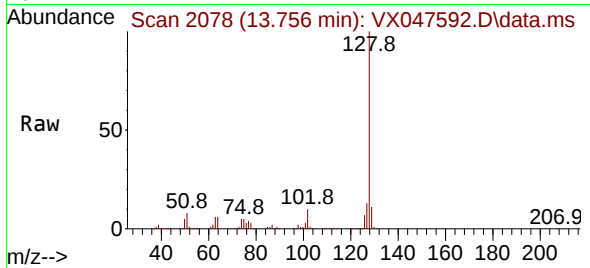
Tgt Ion:225 Resp: 53099
Ion Ratio Lower Upper
225 100
223 62.6 31.7 95.1
227 63.3 32.0 96.0





#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

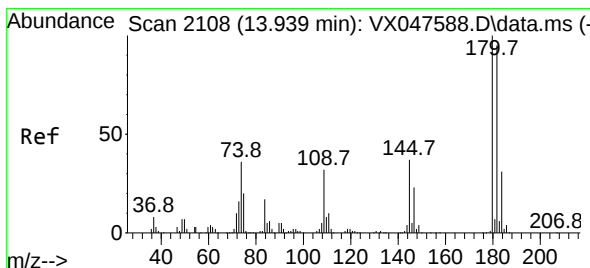
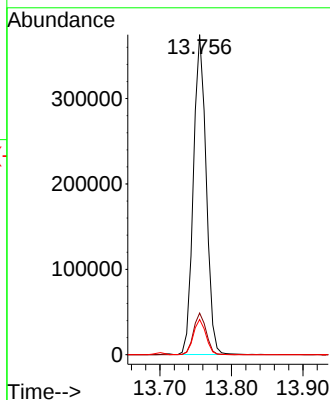
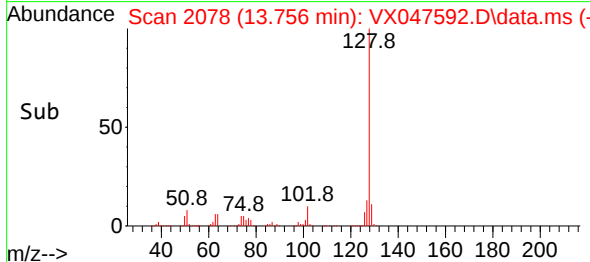
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625



Tgt Ion:128 Resp: 464200
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 142413
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.8
145 35.6 17.9 53.7

