

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048034.D
 Acq On : 06 Oct 2025 18:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:23:06 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	5.544	168	120107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	214786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	196703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104173	54.489	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.980%	
35) Dibromofluoromethane	5.373	113	80483	55.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.740%	
50) Toluene-d8	8.635	98	268474	53.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	11.061	95	102723	54.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	59484	47.827	ug/l	99
3) Chloromethane	1.301	50	71245	43.586	ug/l	99
4) Vinyl Chloride	1.380	62	77335	48.332	ug/l	99
5) Bromomethane	1.618	94	49751	49.033	ug/l	99
6) Chloroethane	1.697	64	52868	49.435	ug/l	97
7) Trichlorofluoromethane	1.898	101	120836	50.861	ug/l	99
8) Diethyl Ether	2.136	74	50733	52.201	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	72427	52.136	ug/l	99
10) Methyl Iodide	2.459	142	99114	45.746	ug/l	99
11) Tert butyl alcohol	2.941	59	53311	250.376	ug/l	100
12) 1,1-Dichloroethene	2.325	96	70987	49.746	ug/l	96
13) Acrolein	2.239	56	54757	279.070	ug/l	99
14) Allyl chloride	2.666	41	142678	48.453	ug/l	97
15) Acrylonitrile	3.056	53	229571	291.082	ug/l	99
16) Acetone	2.374	43	177812	213.907	ug/l	100
17) Carbon Disulfide	2.520	76	167151	42.787	ug/l	97
18) Methyl Acetate	2.703	43	111525	60.285	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	287290	55.151	ug/l	99
20) Methylene Chloride	2.788	84	92085	52.334	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	78419	51.043	ug/l	97
22) Diisopropyl ether	3.751	45	312844	54.819	ug/l	86
23) Vinyl Acetate	3.715	43	1250847	273.863	ug/l	99
24) 1,1-Dichloroethane	3.611	63	163229	53.814	ug/l	98
25) 2-Butanone	4.544	43	275747	265.937	ug/l	98
26) 2,2-Dichloropropane	4.465	77	117156	46.465	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	101015	53.689	ug/l	97
28) Bromochloromethane	4.891	49	72626	54.845	ug/l	99
29) Tetrahydrofuran	4.995	42	168892	270.761	ug/l	98
30) Chloroform	5.080	83	174067	56.789	ug/l	100
31) Cyclohexane	5.458	56	113611	44.971	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	141004	54.234	ug/l	100
36) 1,1-Dichloropropene	5.684	75	101974	48.447	ug/l	98
37) Ethyl Acetate	4.702	43	117495	52.134	ug/l	99
38) Carbon Tetrachloride	5.672	117	116682	51.020	ug/l	96
39) Methylcyclohexane	7.367	83	107516	44.999	ug/l	99
40) Benzene	6.025	78	337311	52.762	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	68377	58.769	ug/l	95
42) 1,2-Dichloroethane	6.074	62	129986	53.438	ug/l	99
43) Isopropyl Acetate	6.324	43	201753	54.583	ug/l	100
44) Trichloroethene	7.111	130	82380	53.300	ug/l	91
45) 1,2-Dichloropropane	7.415	63	91942	56.165	ug/l	99
46) Dibromomethane	7.568	93	66310	55.664	ug/l	99
47) Bromodichloromethane	7.806	83	140382	57.107	ug/l	96
48) Methyl methacrylate	7.678	41	101419	55.085	ug/l	99
49) 1,4-Dioxane	7.647	88	23126	1242.890	ug/l	96
51) 4-Methyl-2-Pentanone	8.562	43	599550	292.556	ug/l	99
52) Toluene	8.708	92	209062	53.078	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	137350	54.777	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	146537	54.677	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	88324	58.156	ug/l	99
56) Ethyl methacrylate	9.104	69	137208	57.526	ug/l	96
57) 1,3-Dichloropropane	9.293	76	152322	58.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	352793	305.212	ug/l	100
59) 2-Hexanone	9.415	43	414513	281.627	ug/l	99
60) Dibromochloromethane	9.506	129	104314	59.610	ug/l	99
61) 1,2-Dibromoethane	9.592	107	90269	58.354	ug/l	99
64) Tetrachloroethene	9.257	164	63121	49.225	ug/l	98
65) Chlorobenzene	10.061	112	238969	53.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	87101	56.485	ug/l	99
67) Ethyl Benzene	10.177	91	406738	52.752	ug/l	98
68) m/p-Xylenes	10.287	106	300738	104.791	ug/l	100
69) o-Xylene	10.628	106	149106	53.715	ug/l	98
70) Styrene	10.640	104	265941	54.677	ug/l	98
71) Bromoform	10.781	173	67592	58.703	ug/l #	97
73) Isopropylbenzene	10.945	105	379741	50.587	ug/l	99
74) N-amyl acetate	10.829	43	180501	52.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	127033	55.933	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	96984m	48.512	ug/l	
77) Bromobenzene	11.183	156	95438	51.620	ug/l	98
78) n-propylbenzene	11.287	91	446831	50.353	ug/l	100
79) 2-Chlorotoluene	11.348	91	276326	50.841	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	312057	50.597	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	37969	48.434	ug/l	99
82) 4-Chlorotoluene	11.439	91	327743	51.057	ug/l	100
83) tert-Butylbenzene	11.695	119	317811	50.338	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	316019	50.540	ug/l	100
85) sec-Butylbenzene	11.872	105	376564	50.214	ug/l	100
86) p-Isopropyltoluene	11.994	119	311223	49.021	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	177041	51.554	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	176809	50.165	ug/l	99
89) n-Butylbenzene	12.311	91	287592	48.955	ug/l	100
90) Hexachloroethane	12.518	117	58760	52.716	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	172102	52.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24334	52.920	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	105172	49.462	ug/l	99
94) Hexachlorobutadiene	13.707	225	35140	48.654	ug/l	98
95) Naphthalene	13.756	128	337831	52.177	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	102344	51.743	ug/l	97

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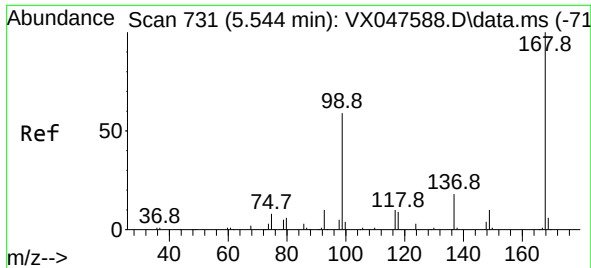
Manual Integrations
APPROVED

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Response via : Initial Calibration

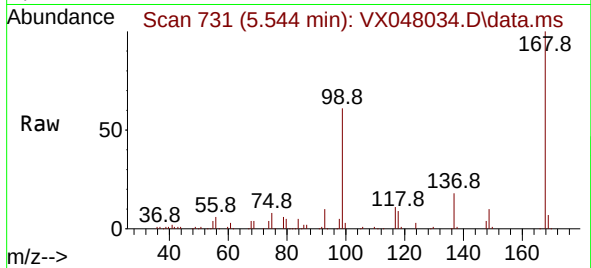
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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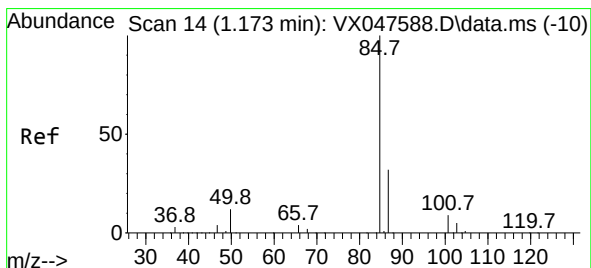
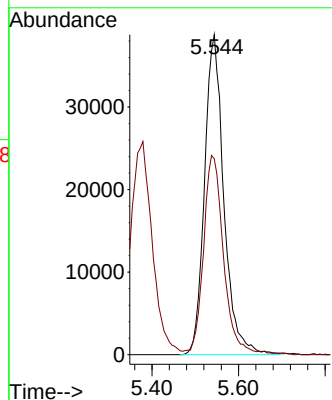
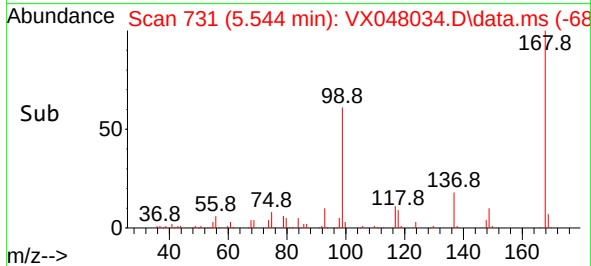
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 12010
Ion Ratio Lower Upper
168 100
99 60.7 48.8 73.2

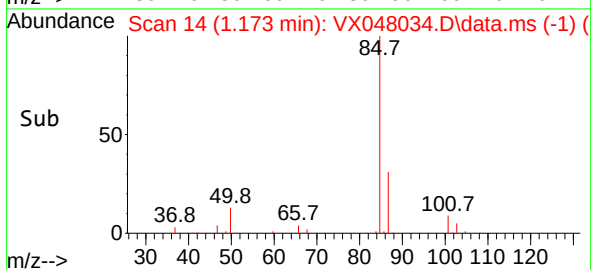
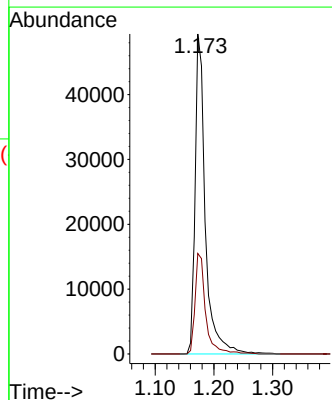
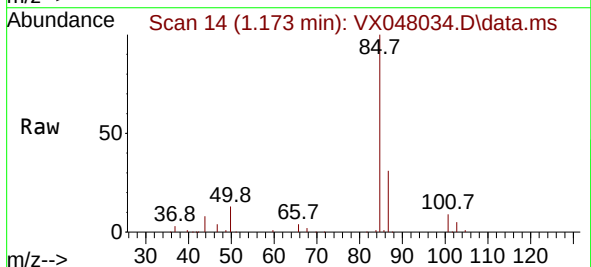
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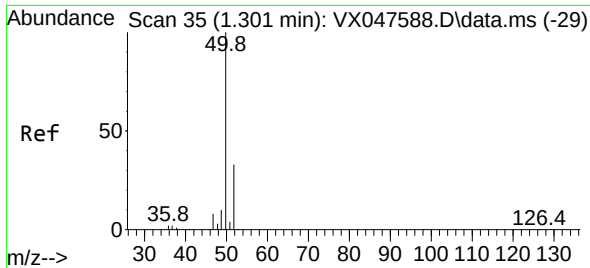
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#2
Dichlorodifluoromethane
Concen: 47.827 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 85 Resp: 59484
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.3





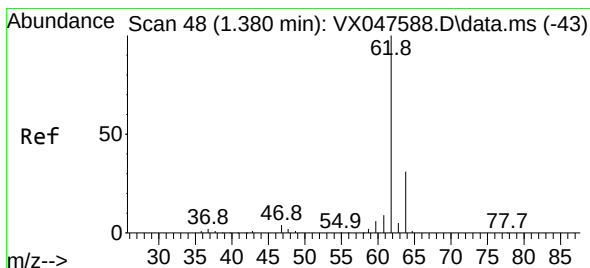
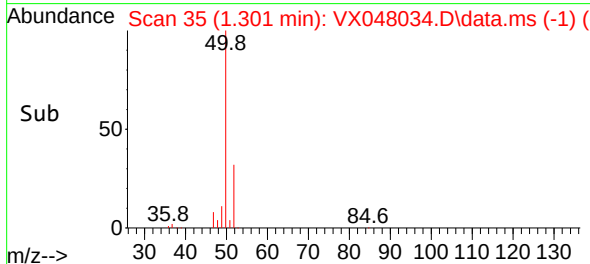
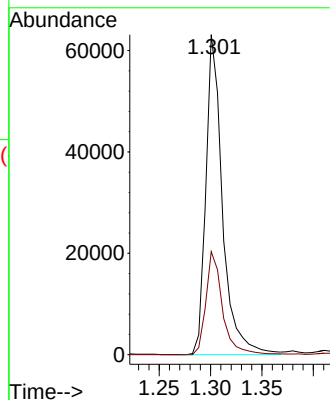
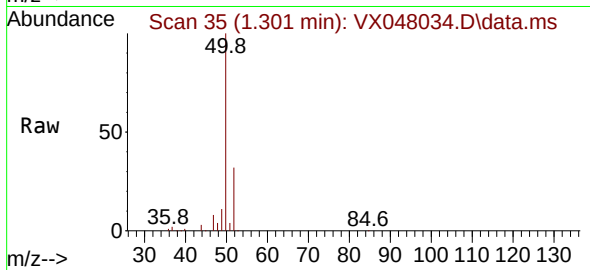
#3
Chloromethane
Concen: 43.586 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

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Tgt Ion: 50 Resp: 71245
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1

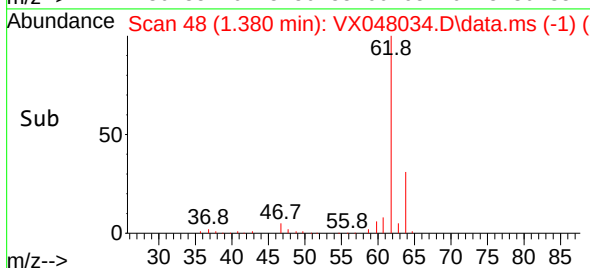
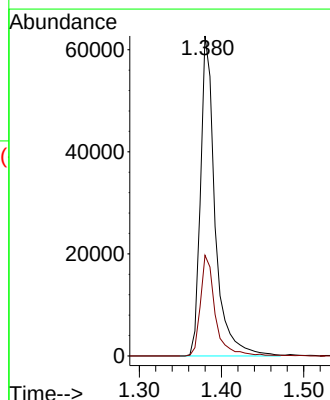
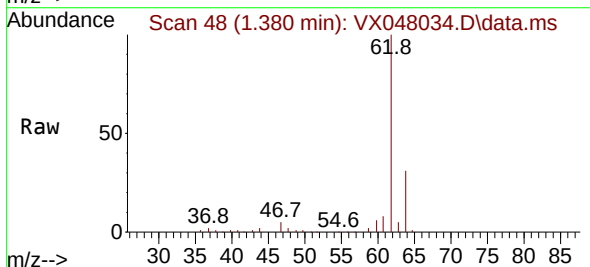
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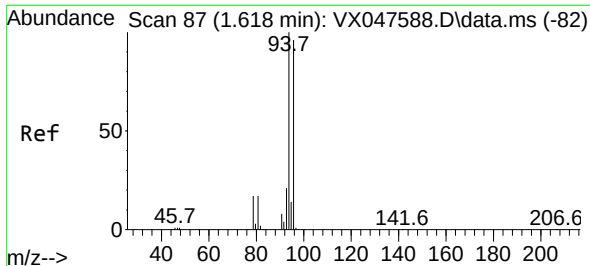
Reviewed By :John Carlone 10/07/2025
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#4
Vinyl Chloride
Concen: 48.332 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

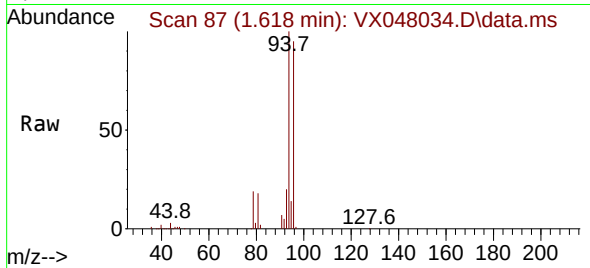
Tgt Ion: 62 Resp: 77335
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5
Bromomethane
Concen: 49.033 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

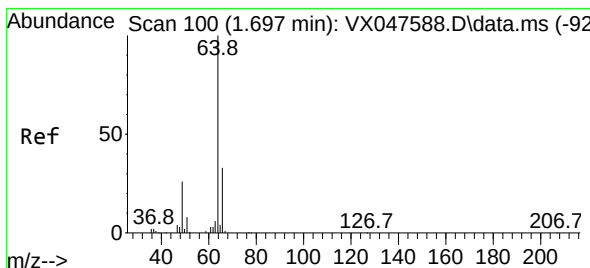
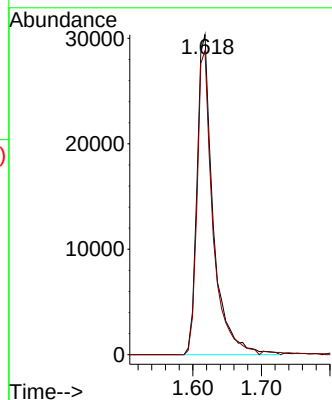
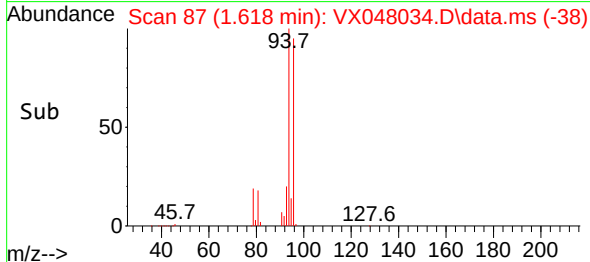
Instrument :
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Tgt Ion: 94 Resp: 4975
Ion Ratio Lower Upper
94 100
96 95.0 76.6 115.0

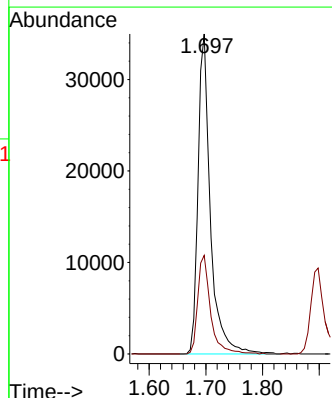
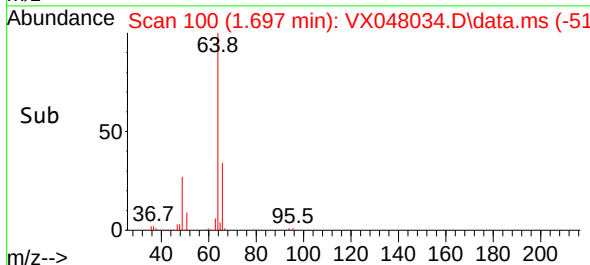
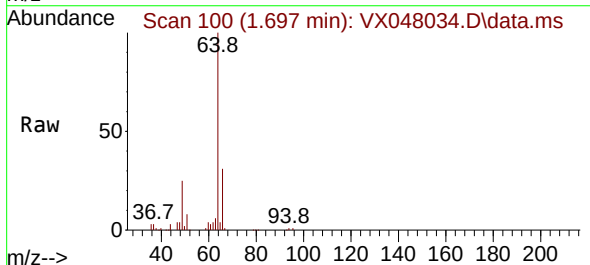
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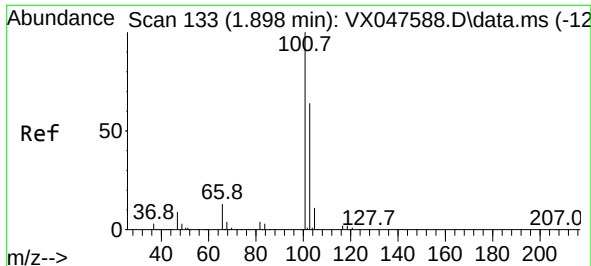
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#6
Chloroethane
Concen: 49.435 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048034.D
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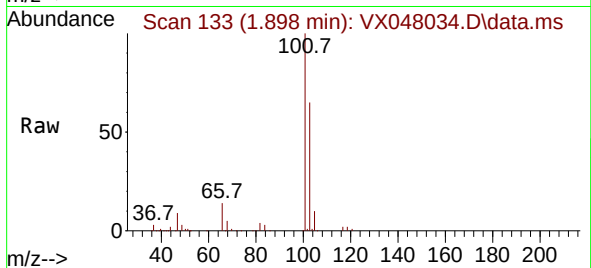
Tgt Ion: 64 Resp: 52868
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 50.861 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048034.D
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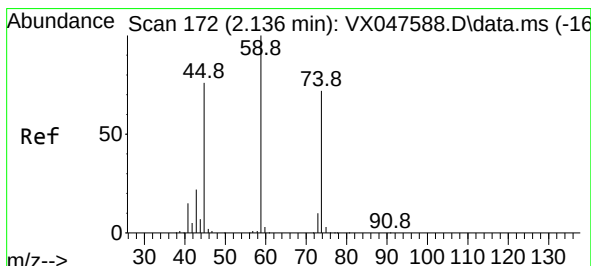
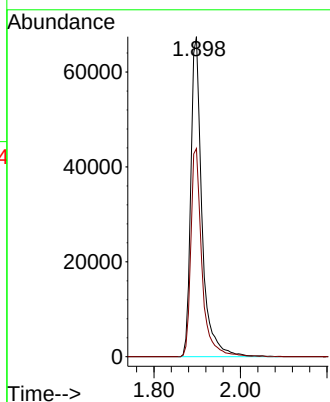
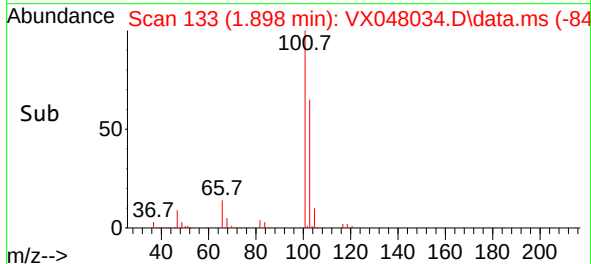
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 120830
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

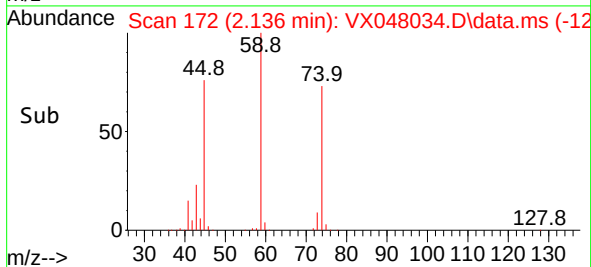
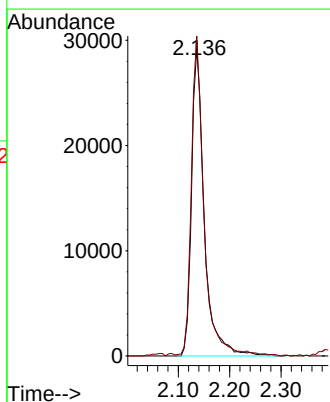
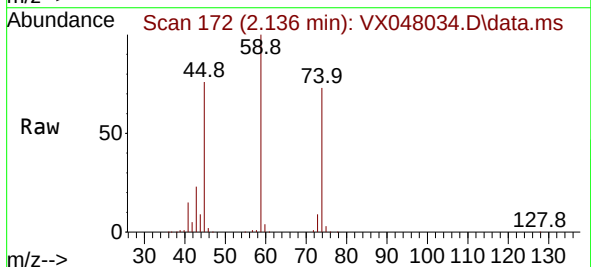
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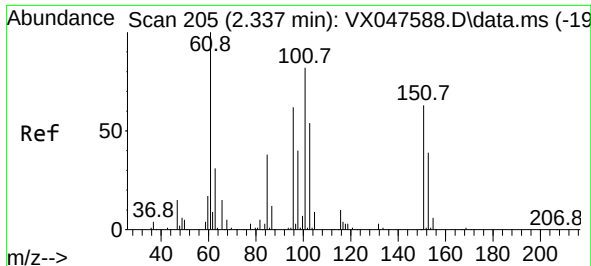
Reviewed By :John Carlone 10/07/2025
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#8
 Diethyl Ether
 Concen: 52.201 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048034.D
 Acq: 06 Oct 2025 18:38

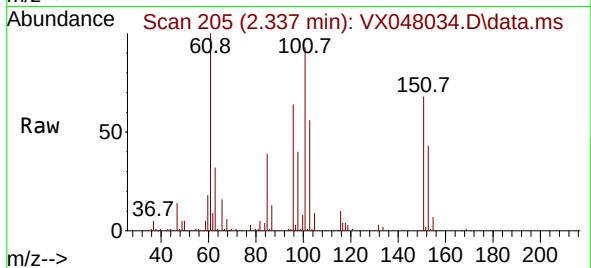
Tgt Ion: 74 Resp: 50733
 Ion Ratio Lower Upper
 74 100
 45 103.1 52.3 156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.136 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048034.D
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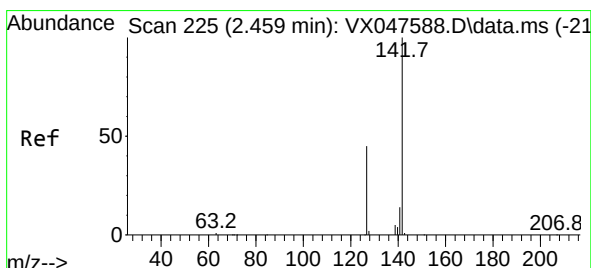
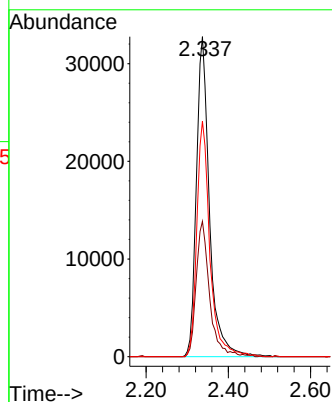
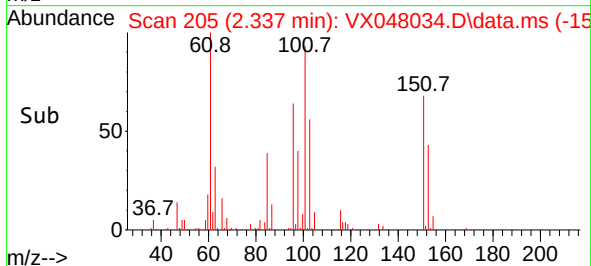
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 7242
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 73.6 59.4 89.0

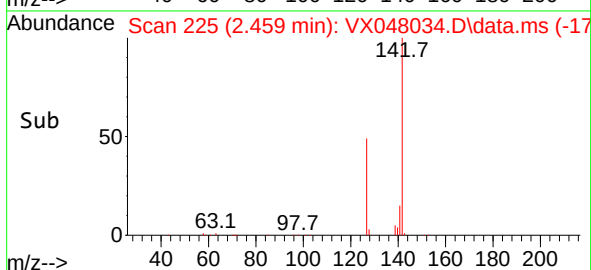
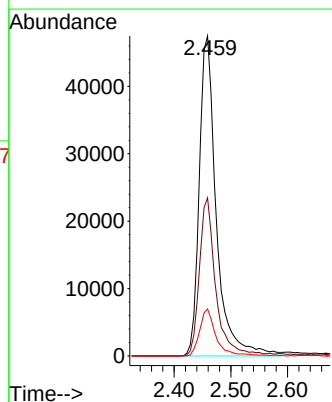
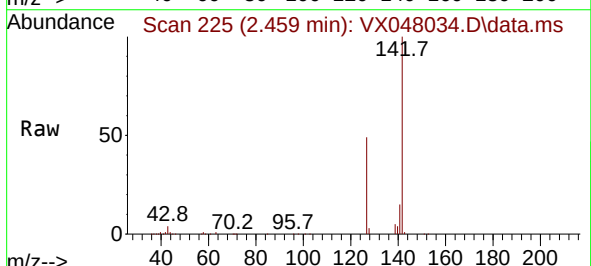
Manual Integrations
APPROVED

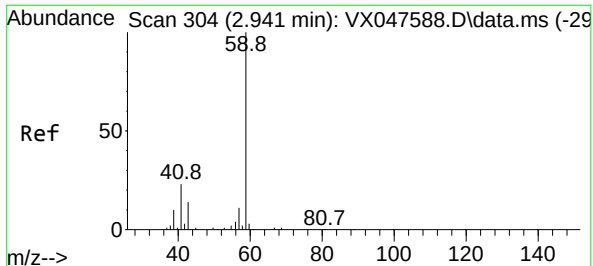
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#10
Methyl Iodide
Concen: 45.746 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

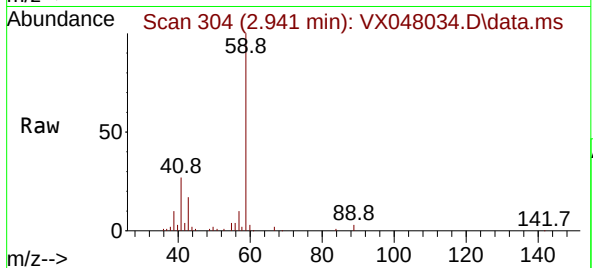
Tgt Ion:142 Resp: 99114
Ion Ratio Lower Upper
142 100
127 47.3 37.2 55.8
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 250.376 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

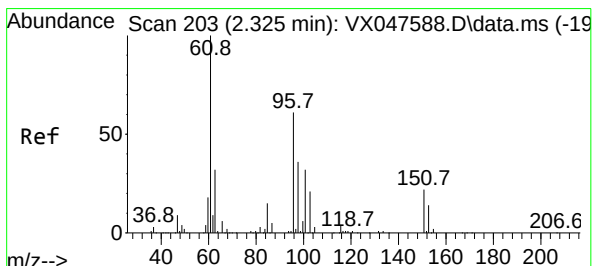
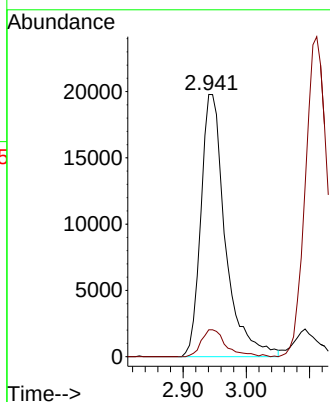
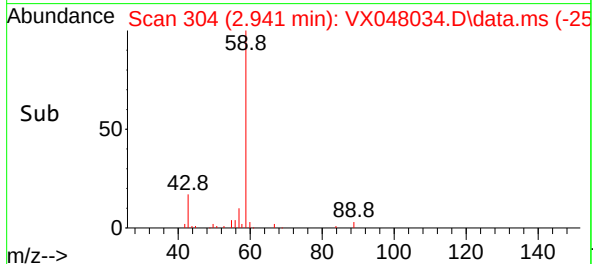
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



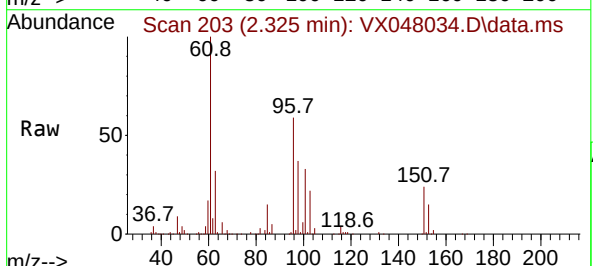
Tgt Ion: 59 Resp: 5331
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

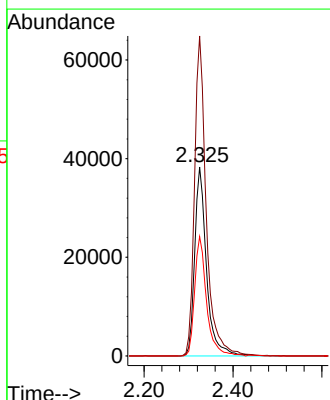
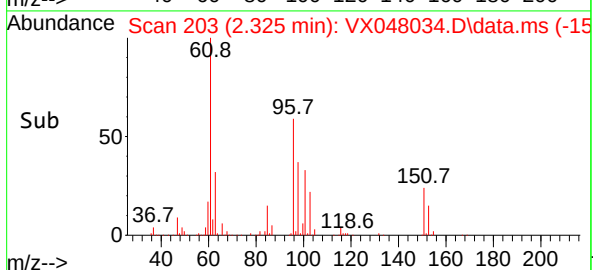
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

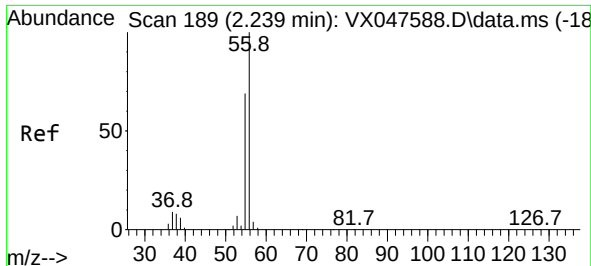


#12
1,1-Dichloroethene
Concen: 49.746 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



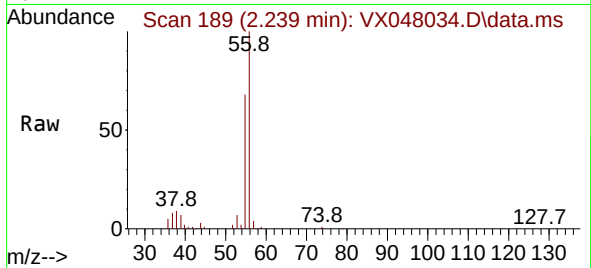
Tgt Ion: 96 Resp: 70987
Ion Ratio Lower Upper
96 100
61 169.4 131.0 196.6
98 63.2 47.7 71.5





#13
Acrolein
Concen: 279.070 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

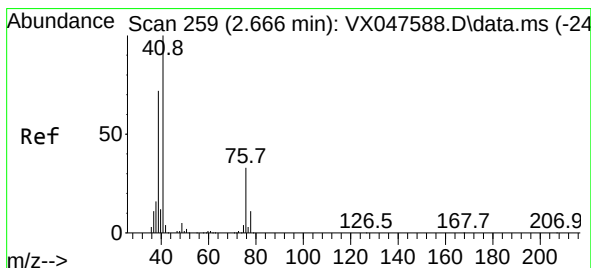
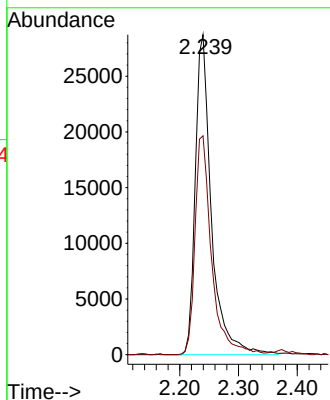
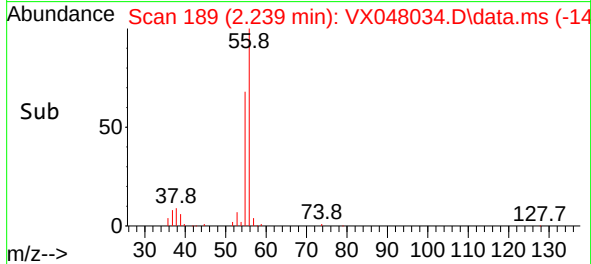
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5475
Ion Ratio Lower Upper
56 100
55 70.4 57.2 85.8

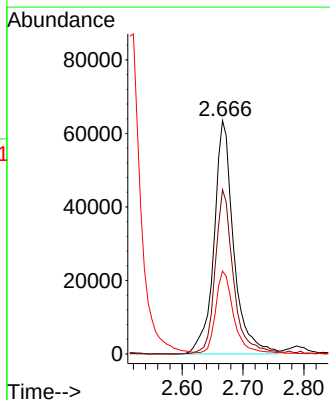
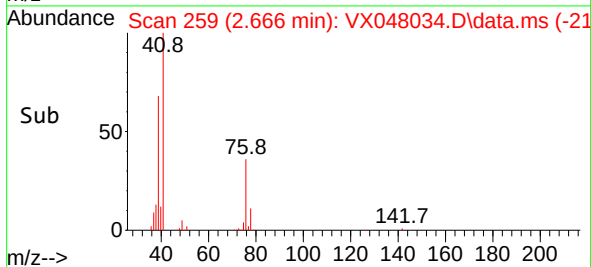
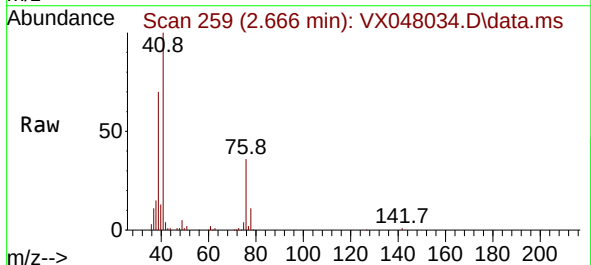
Manual Integrations
APPROVED

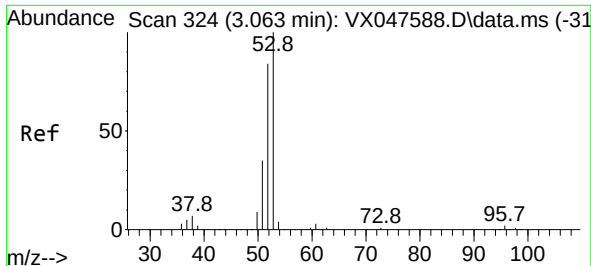
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#14
Allyl chloride
Concen: 48.453 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

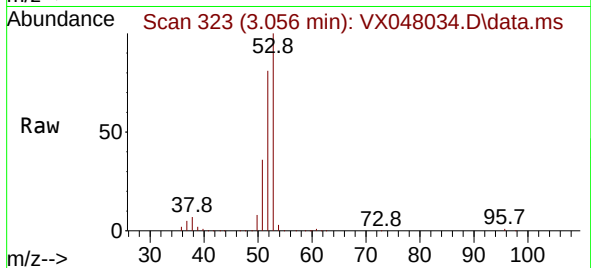
Tgt Ion: 41 Resp: 142678
Ion Ratio Lower Upper
41 100
39 65.2 54.7 82.1
76 33.0 25.7 38.5





#15
Acrylonitrile
Concen: 291.082 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

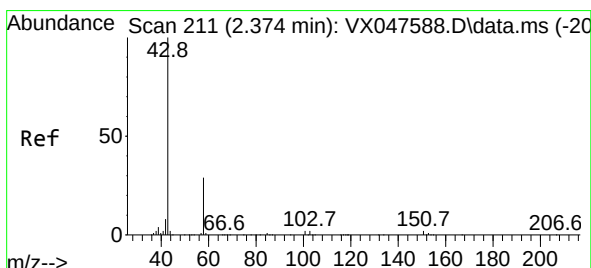
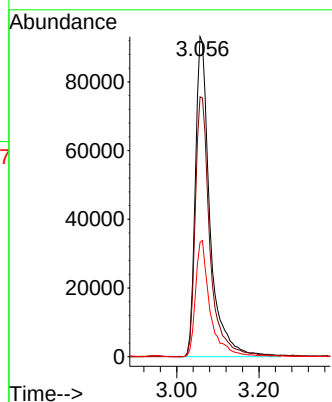
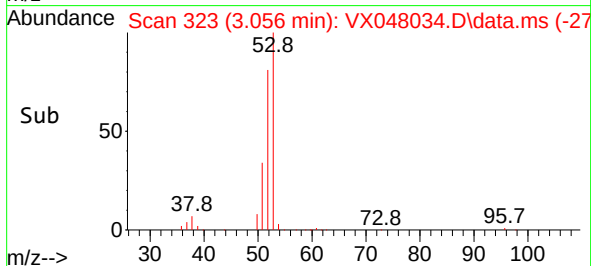
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 22957
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 36.4 29.5 44.3

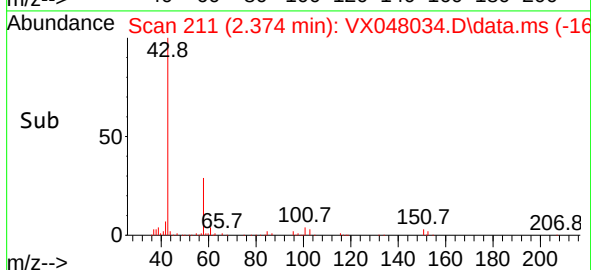
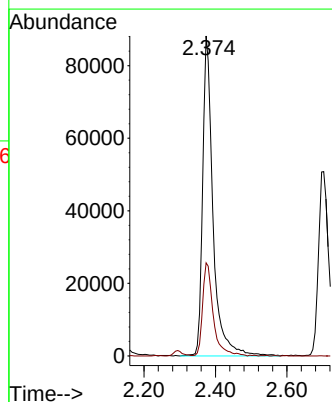
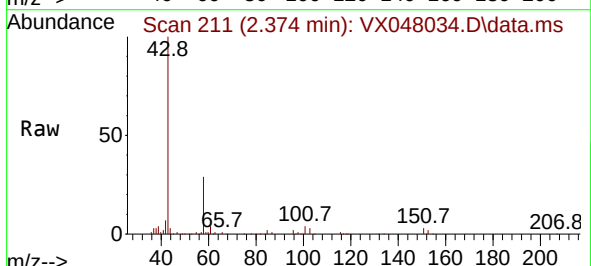
Manual Integrations
APPROVED

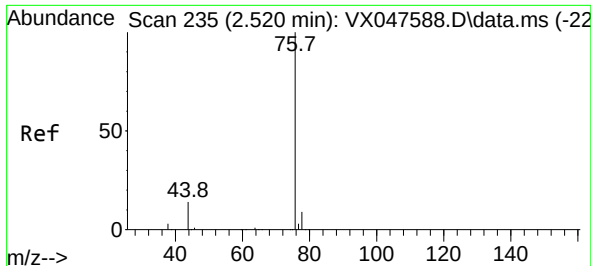
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#16
Acetone
Concen: 213.907 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

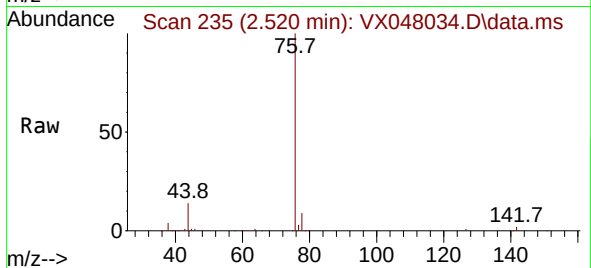
Tgt Ion: 43 Resp: 177812
Ion Ratio Lower Upper
43 100
58 29.1 23.4 35.0





#17
Carbon Disulfide
Concen: 42.787 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

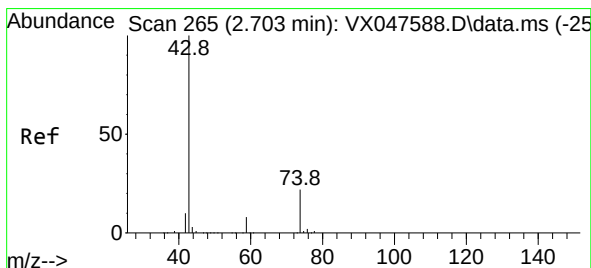
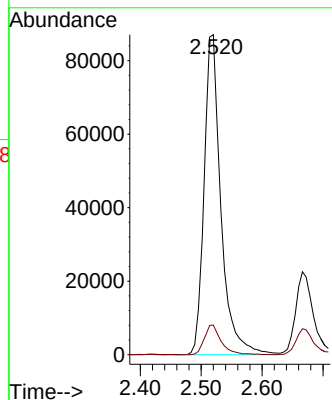
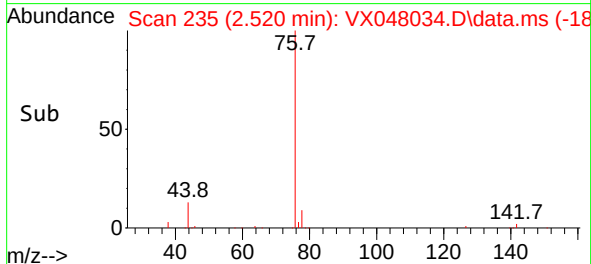
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



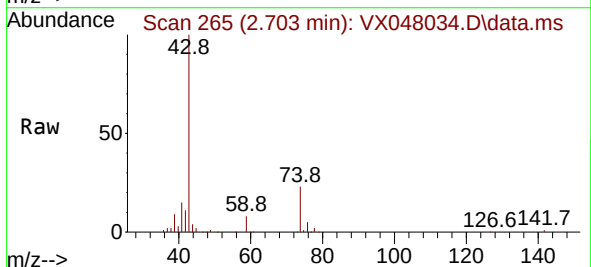
Tgt Ion: 76 Resp: 16715
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

Manual Integrations
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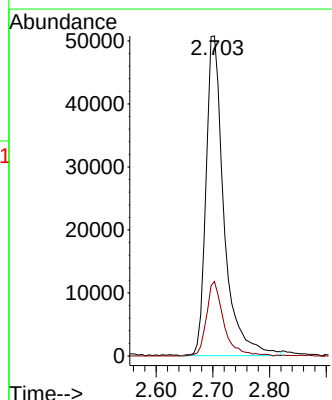
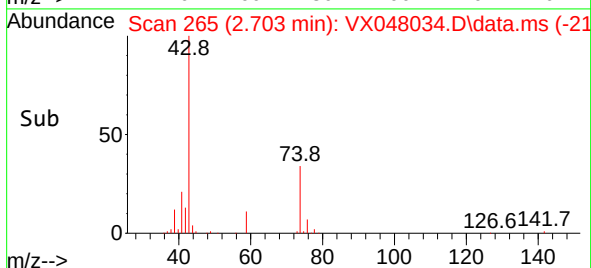
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

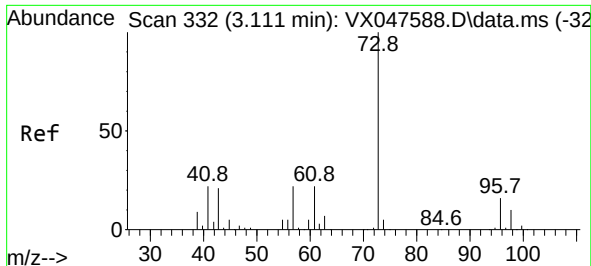


#18
Methyl Acetate
Concen: 60.285 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



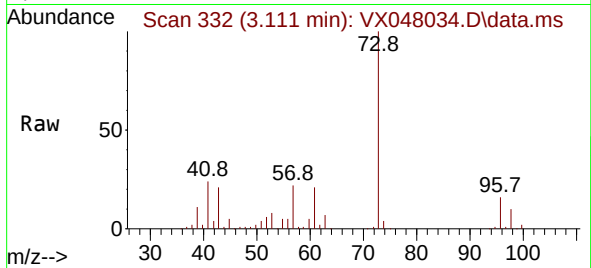
Tgt Ion: 43 Resp: 111525
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 55.151 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

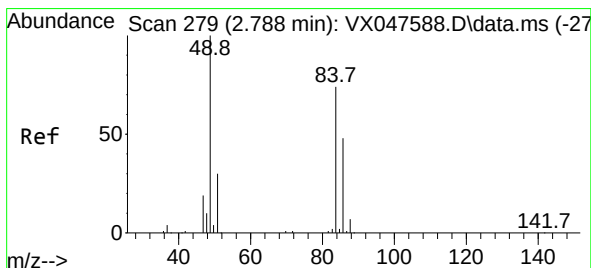
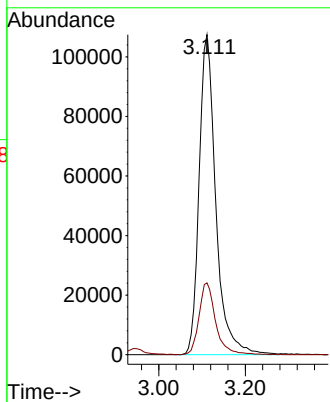
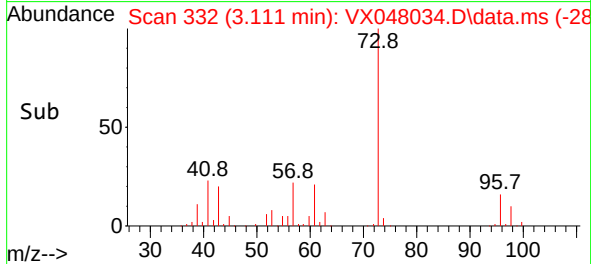
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 287290
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2

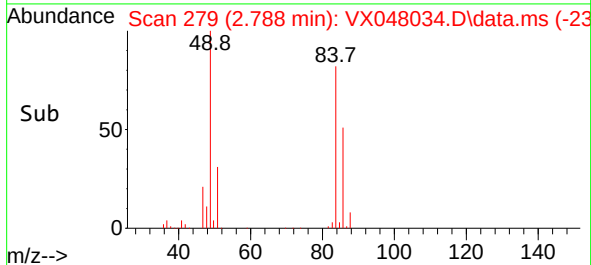
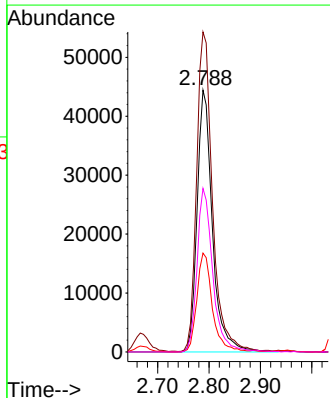
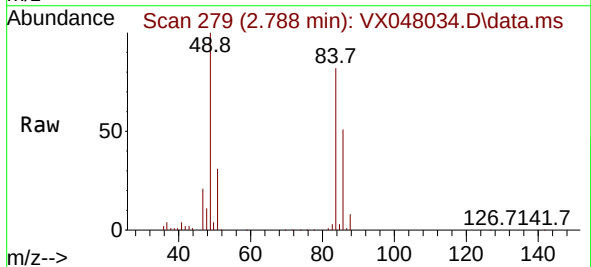
Manual Integrations
APPROVED

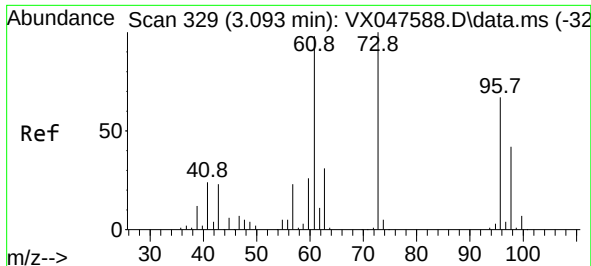
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#20
Methylene Chloride
Concen: 52.334 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

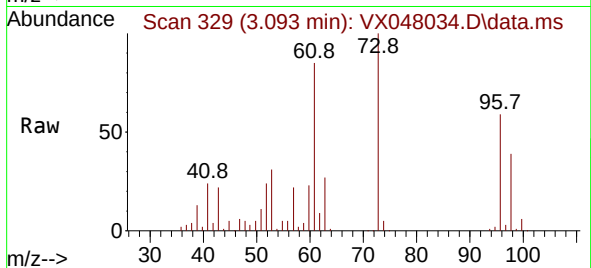
Tgt Ion: 84 Resp: 92085
Ion Ratio Lower Upper
84 100
49 122.1 108.6 162.8
51 37.8 32.6 48.8
86 62.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.043 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

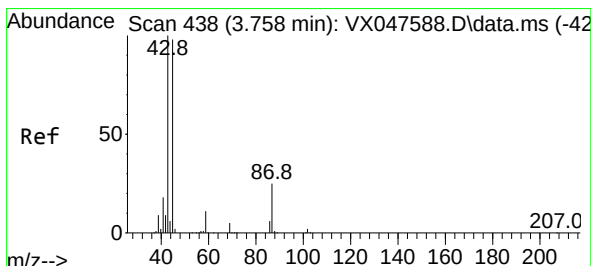
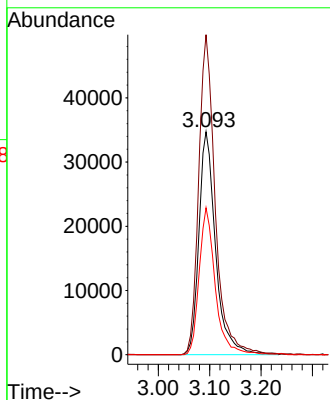
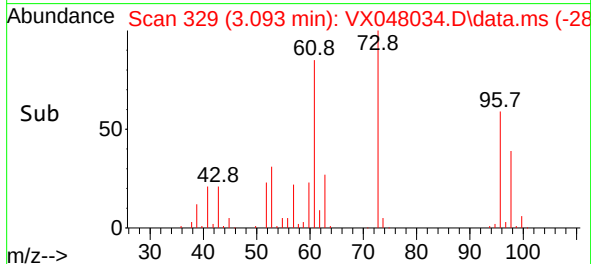
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



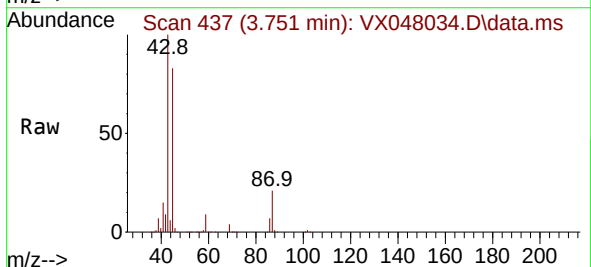
Tgt Ion: 96 Resp: 78419
Ion Ratio Lower Upper
96 100
61 143.5 116.2 174.2
98 65.9 49.3 73.9

Manual Integrations
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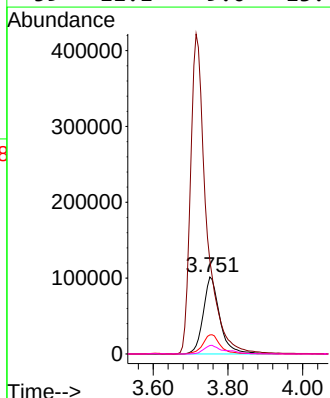
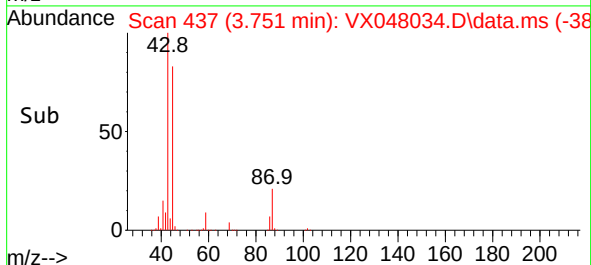
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

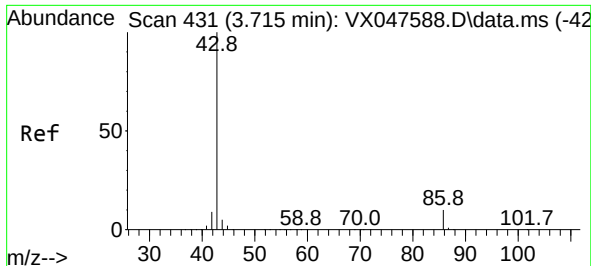


#22
Diisopropyl ether
Concen: 54.819 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



Tgt Ion: 45 Resp: 312844
Ion Ratio Lower Upper
45 100
43 120.3 81.0 121.4
87 24.8 20.3 30.5
59 11.1 9.0 13.4





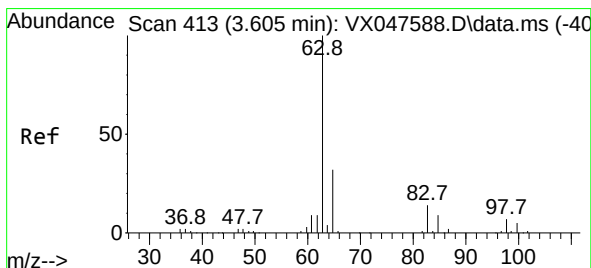
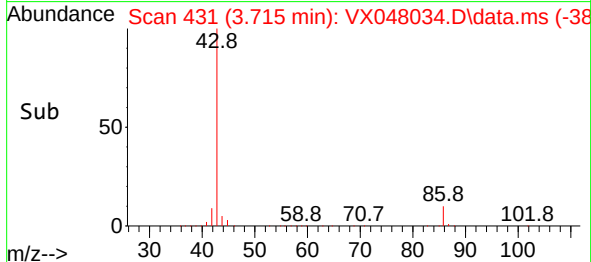
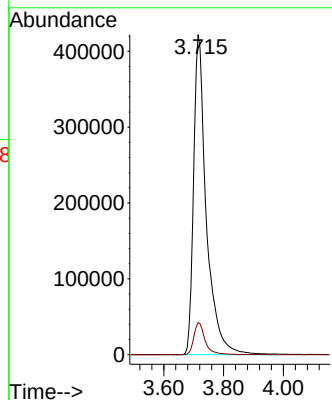
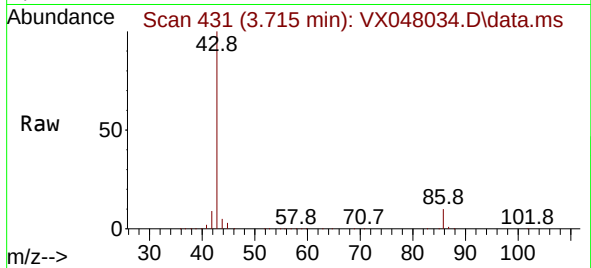
#23
 Vinyl Acetate
 Concen: 273.863 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048034.D
 Acq: 06 Oct 2025 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 125084
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

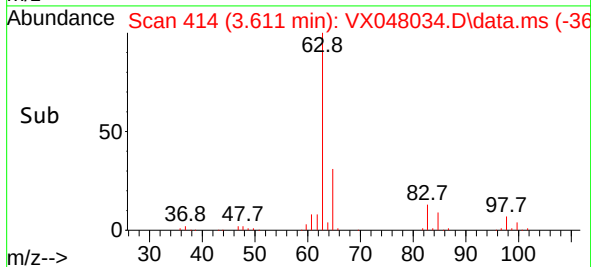
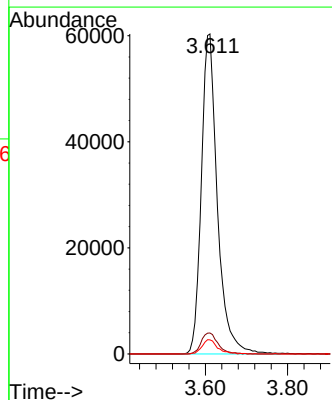
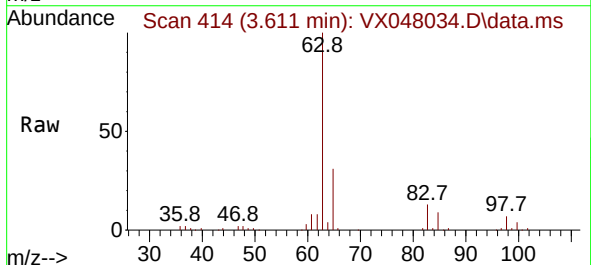
Manual Integrations
 APPROVED

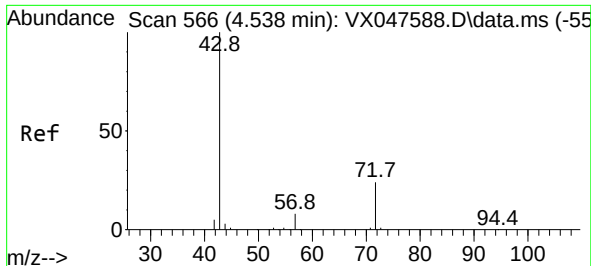
Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025



#24
 1,1-Dichloroethane
 Concen: 53.814 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048034.D
 Acq: 06 Oct 2025 18:38

Tgt Ion: 63 Resp: 163229
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.5 2.3 6.9





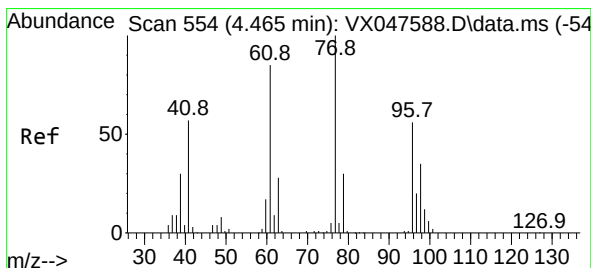
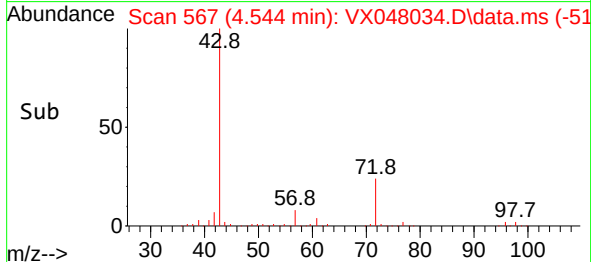
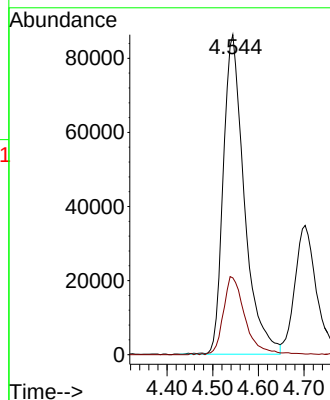
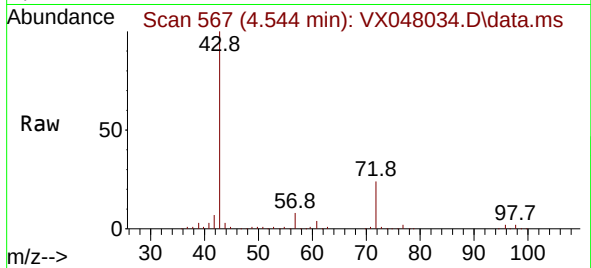
#25
2-Butanone
Concen: 265.937 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 27574
Ion Ratio Lower Upper
43 100
72 24.0 20.1 30.1

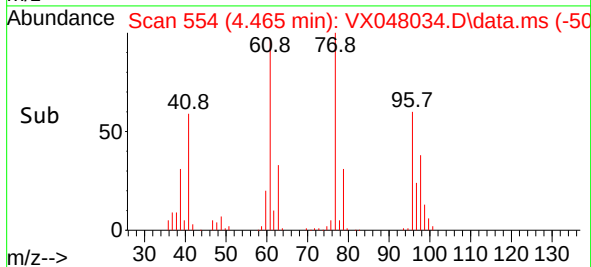
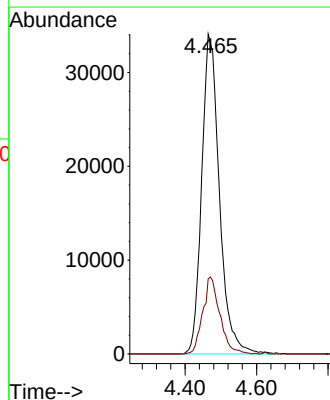
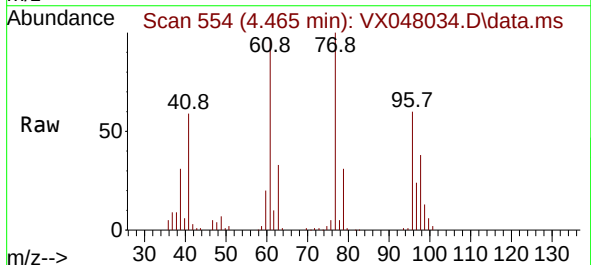
Manual Integrations
APPROVED

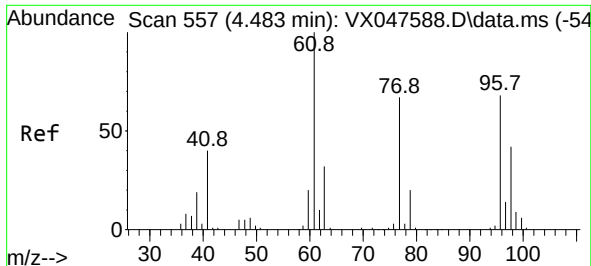
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#26
2,2-Dichloropropane
Concen: 46.465 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 77 Resp: 117156
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.689 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10101

Ion Ratio Lower Upper

96 100

61 147.0 0.0 303.2

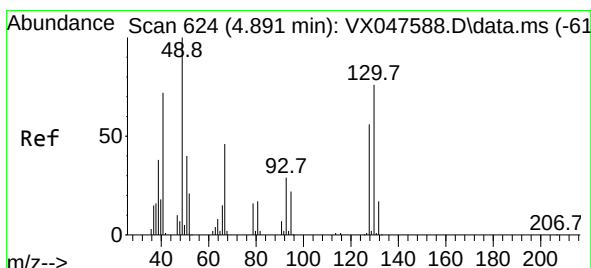
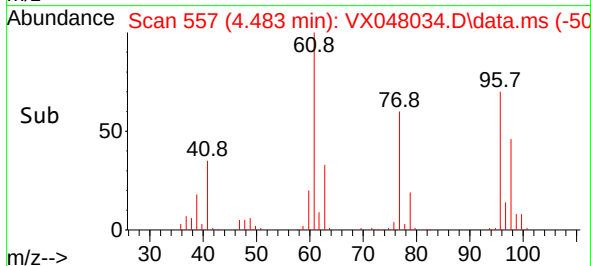
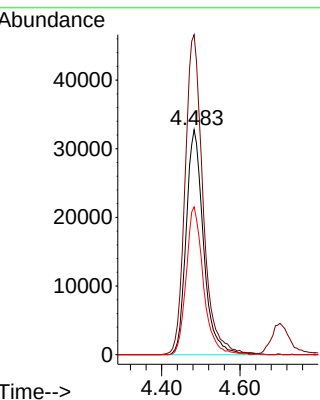
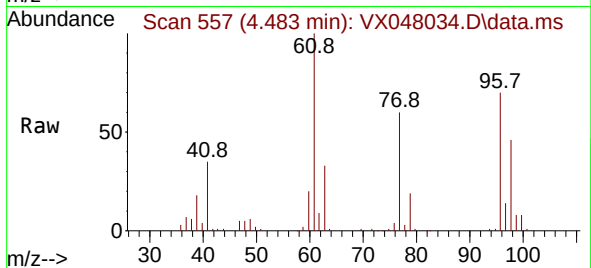
98 65.0 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#28

Bromochloromethane

Concen: 54.845 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

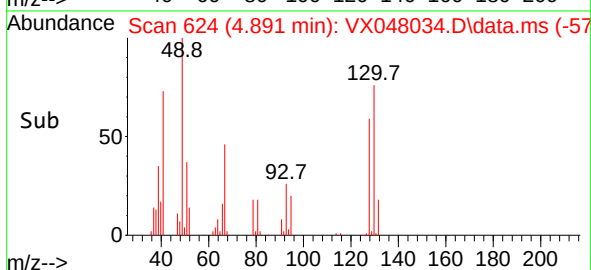
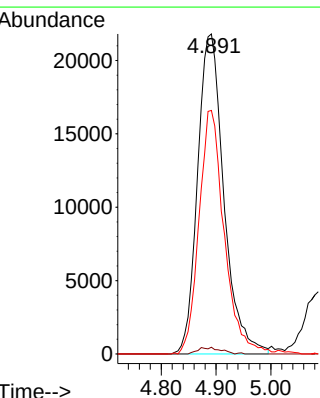
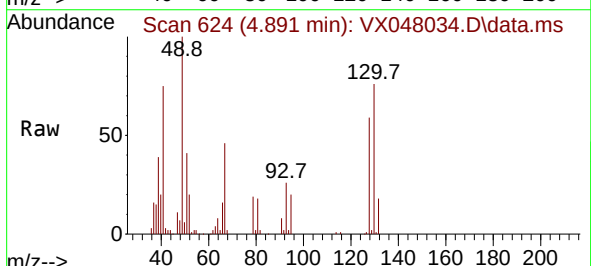
Tgt Ion: 49 Resp: 72626

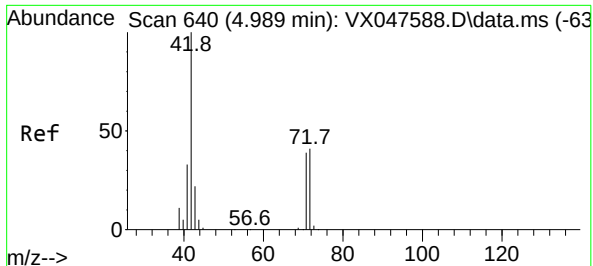
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 72.9 57.8 86.8





#29

Tetrahydrofuran

Concen: 270.761 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

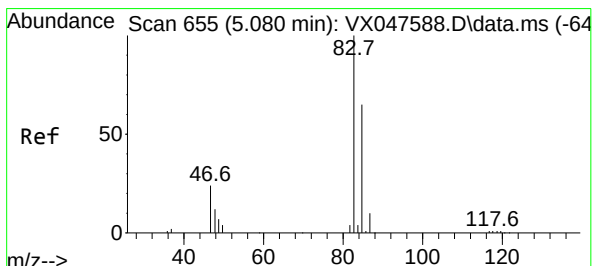
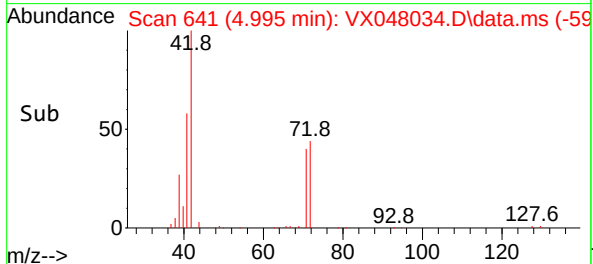
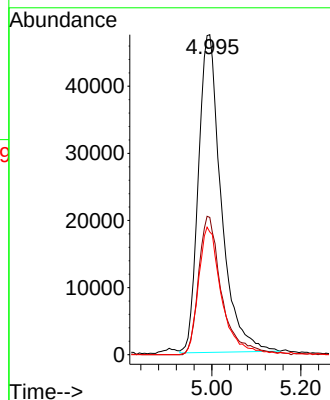
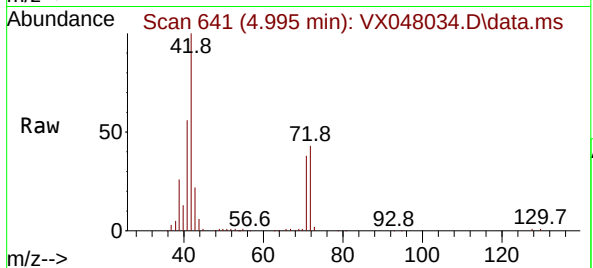
Tgt Ion: 42 Resp: 168892
 Ion Ratio Lower Upper
 42 100
 72 44.3 34.2 51.2
 71 40.7 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#30

Chloroform

Concen: 56.789 ug/l

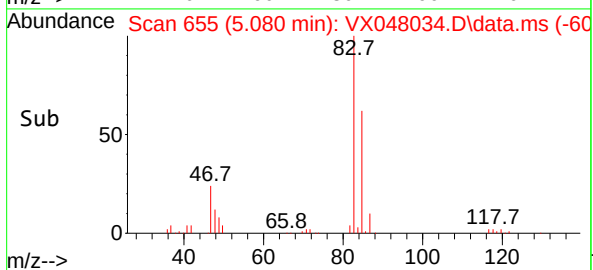
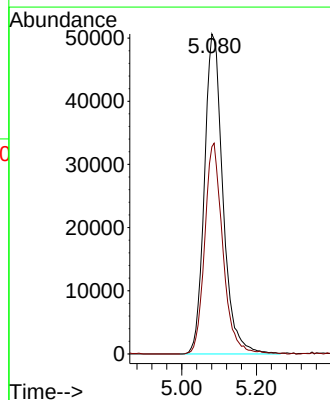
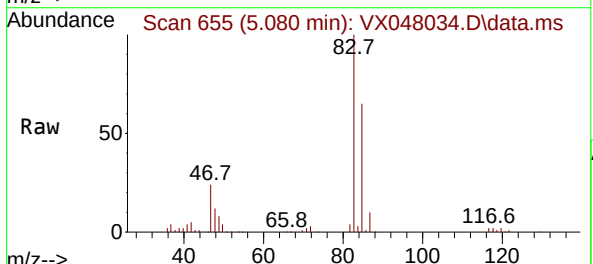
RT: 5.080 min Scan# 655

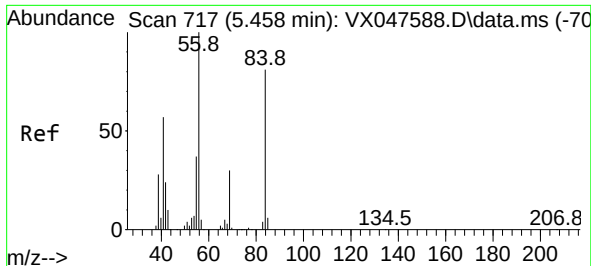
Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

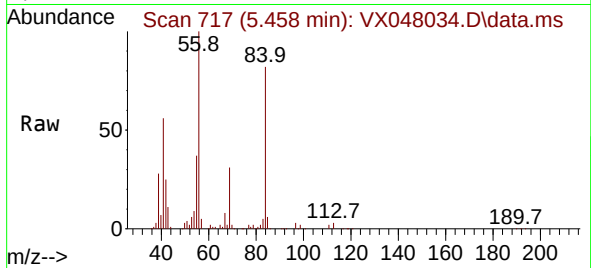
Tgt Ion: 83 Resp: 174067
 Ion Ratio Lower Upper
 83 100
 85 64.7 51.8 77.6





#31
Cyclohexane
Concen: 44.971 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

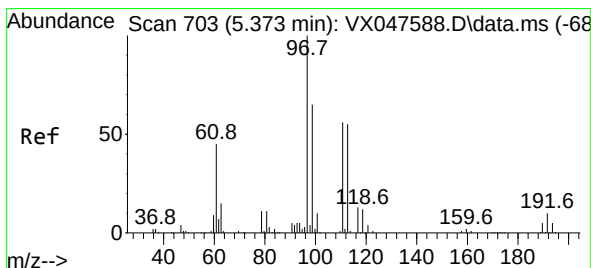
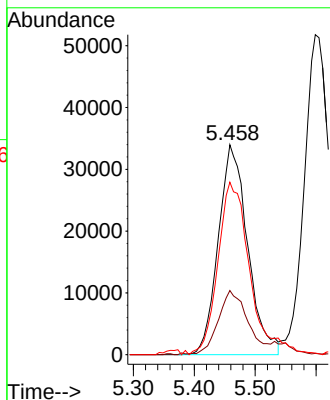
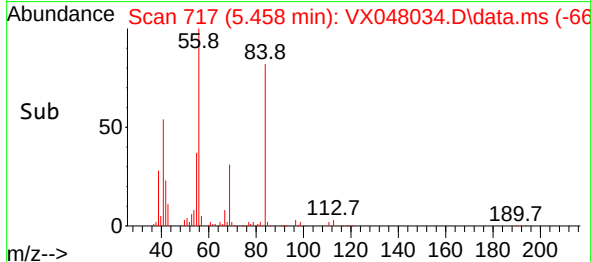
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11361
Ion Ratio Lower Upper
56 100
69 30.1 23.8 35.8
84 79.8 64.6 97.0

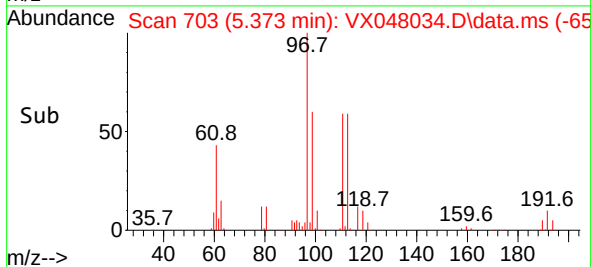
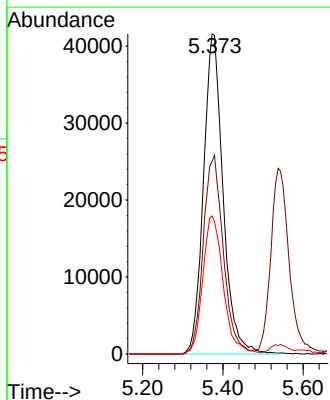
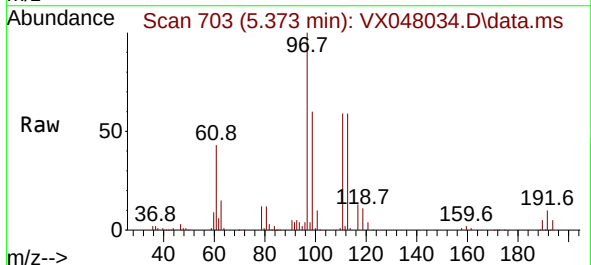
Manual Integrations
APPROVED

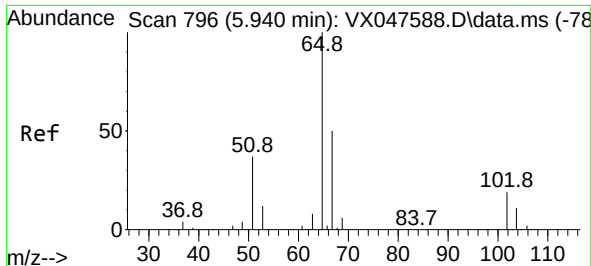
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#32
1,1,1-Trichloroethane
Concen: 54.234 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 97 Resp: 141004
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 44.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.489 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10417

Ion Ratio Lower Upper

65 100

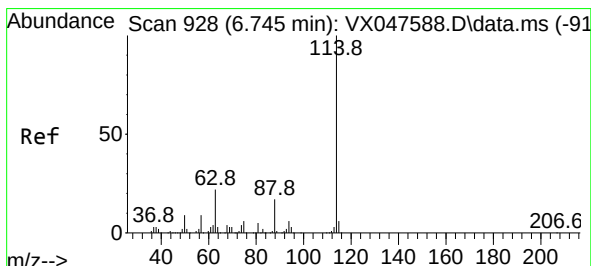
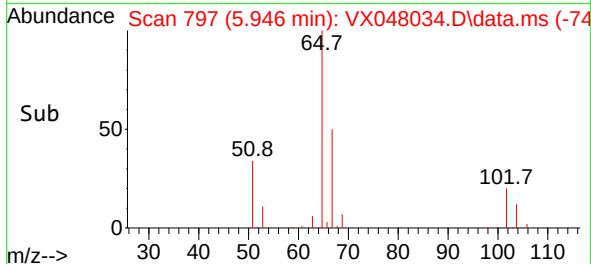
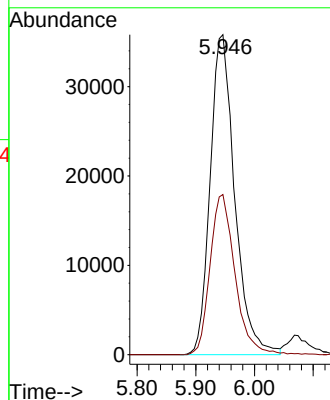
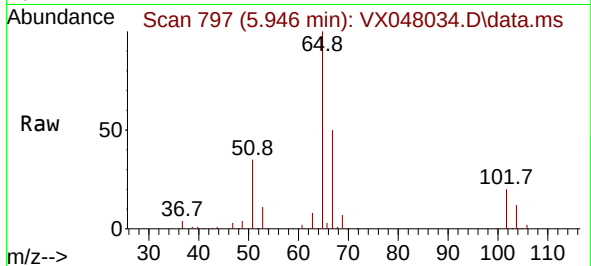
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

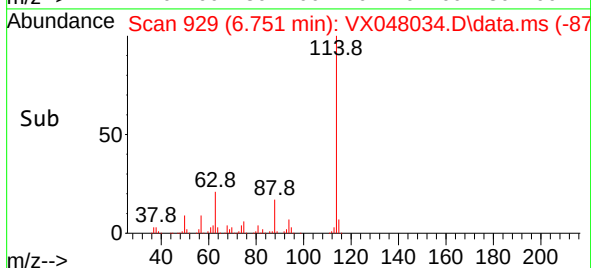
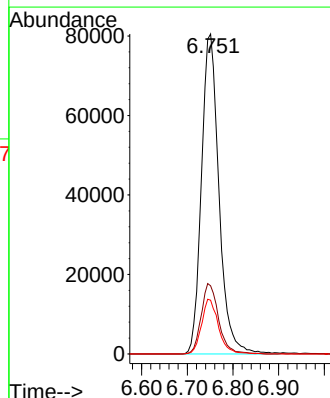
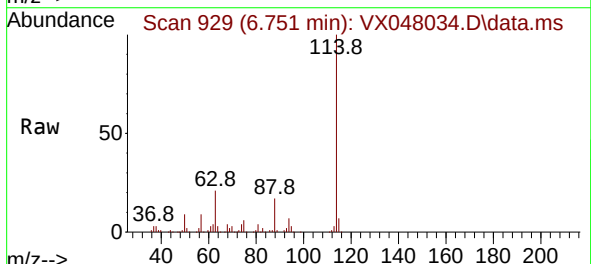
Tgt Ion:114 Resp: 214786

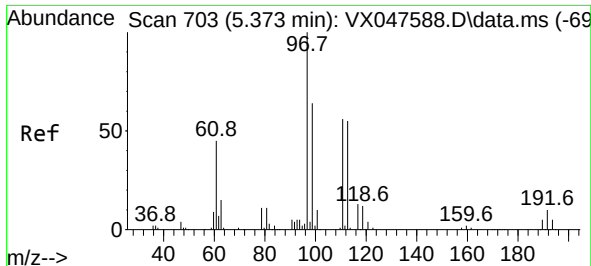
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

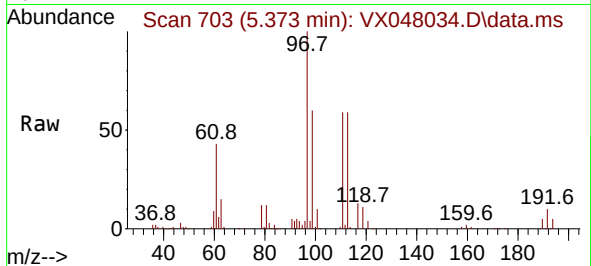
88 16.8 0.0 34.2





#35
Dibromofluoromethane
Concen: 55.873 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

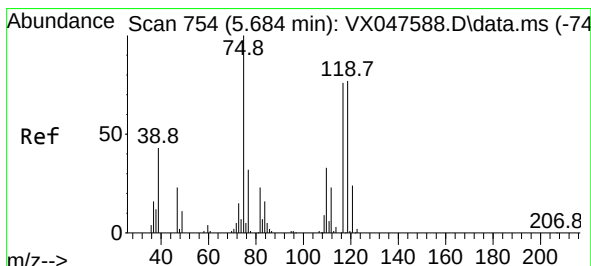
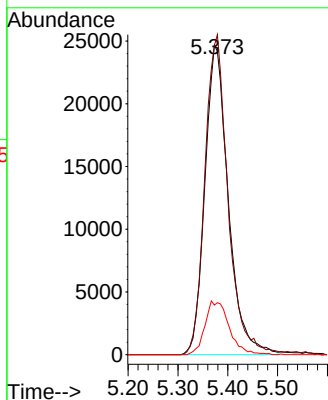
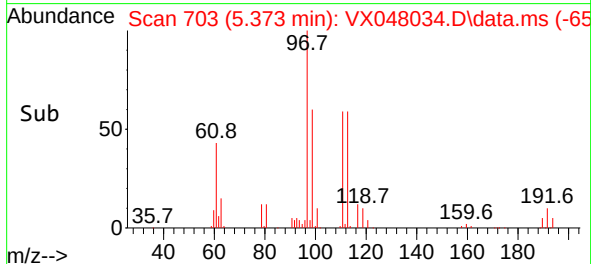
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



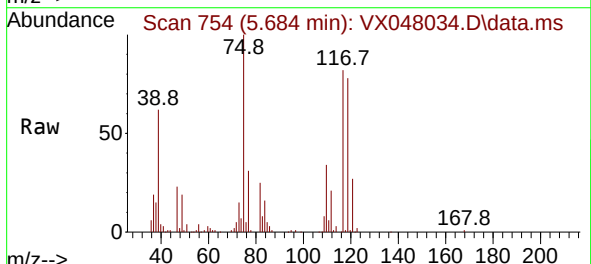
Tgt Ion: 113 Resp: 8048
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.8 14.2 21.4

Manual Integrations
APPROVED

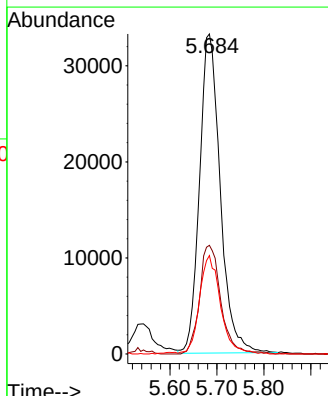
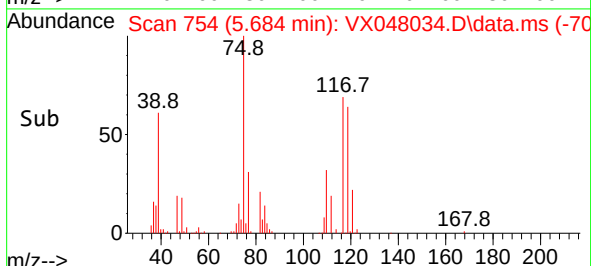
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

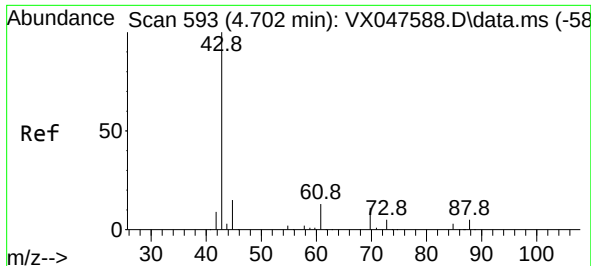


#36
1,1-Dichloropropene
Concen: 48.447 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



Tgt Ion: 75 Resp: 101974
Ion Ratio Lower Upper
75 100
110 35.0 16.7 50.1
77 30.6 24.3 36.5





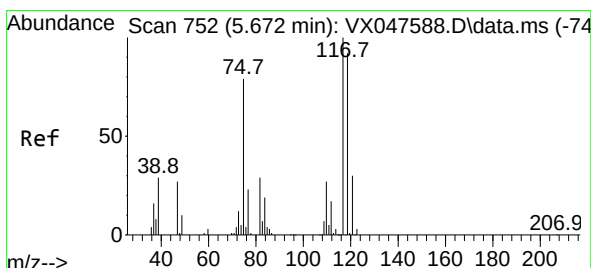
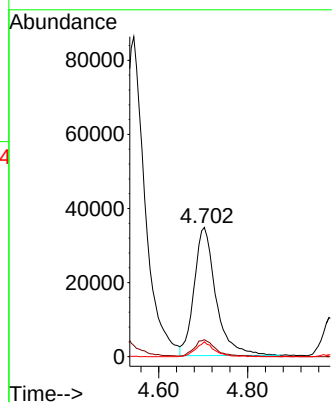
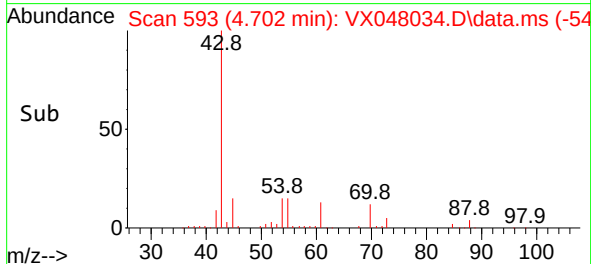
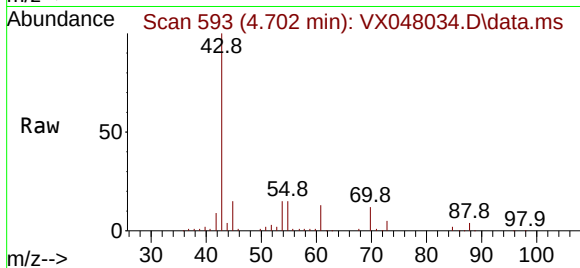
#37
Ethyl Acetate
Concen: 52.134 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 117495
Ion Ratio Lower Upper
43 100
61 12.8 9.8 14.8
70 9.6 7.9 11.9

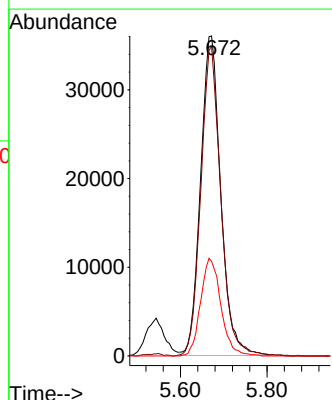
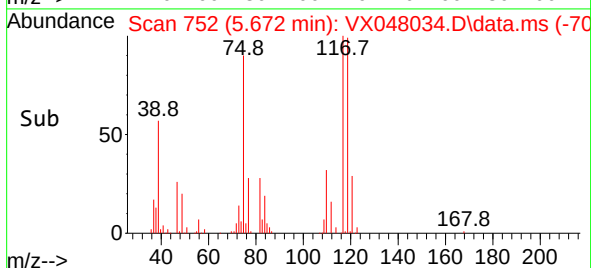
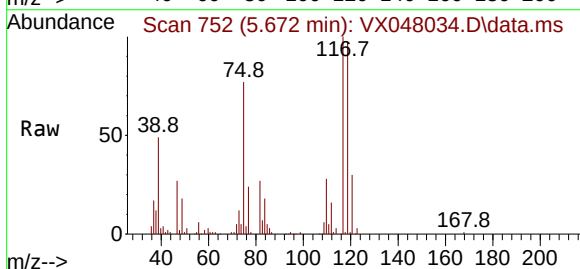
Manual Integrations
APPROVED

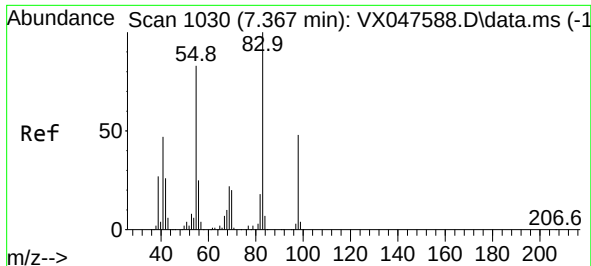
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#38
Carbon Tetrachloride
Concen: 51.020 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

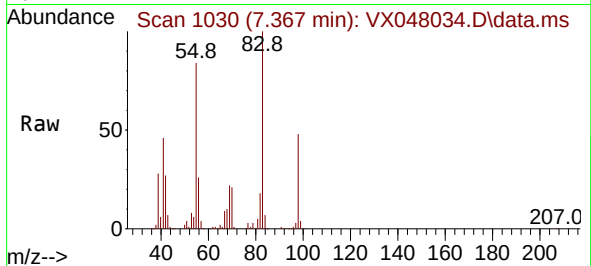
Tgt Ion:117 Resp: 116682
Ion Ratio Lower Upper
117 100
119 96.7 73.4 110.2
121 29.7 23.8 35.6





#39
Methylcyclohexane
Concen: 44.999 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

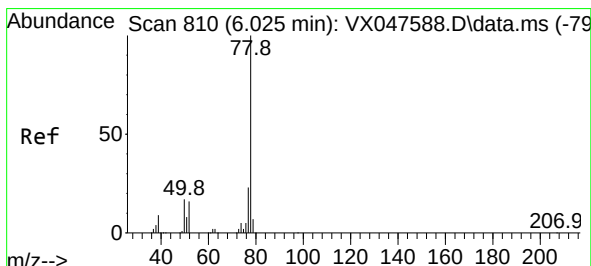
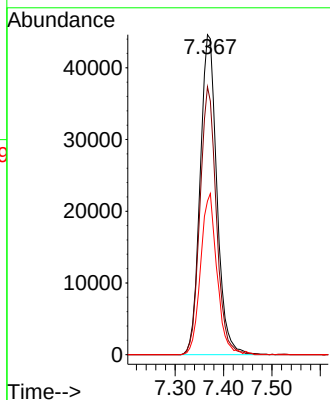
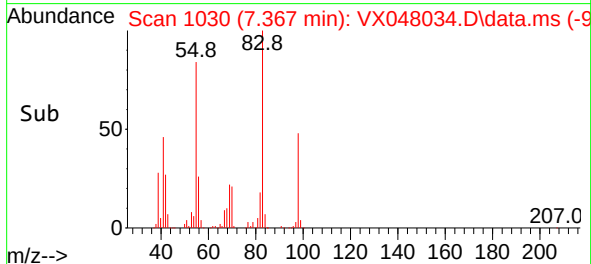
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 107510
Ion Ratio Lower Upper
83 100
55 83.7 66.4 99.6
98 48.0 38.1 57.1

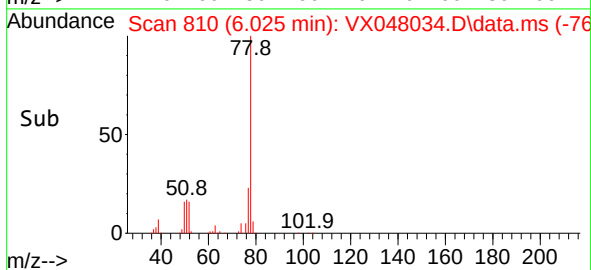
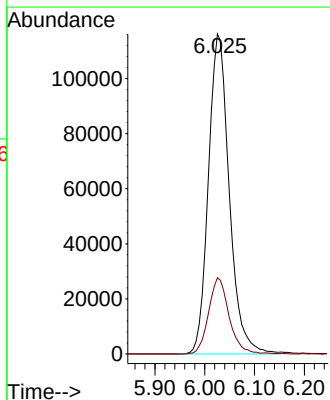
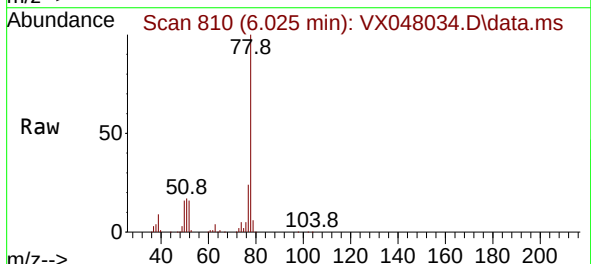
Manual Integrations
APPROVED

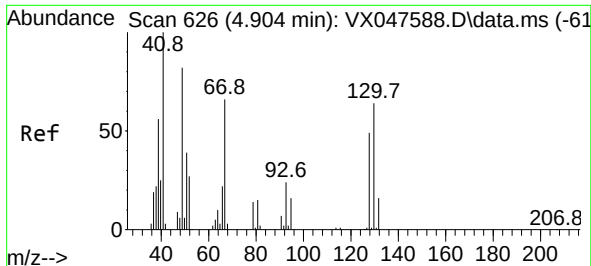
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#40
Benzene
Concen: 52.762 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 78 Resp: 337311
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





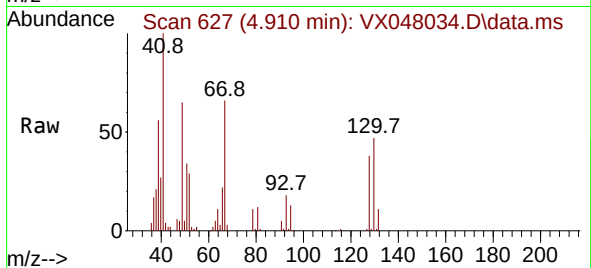
#41
Methacrylonitrile
Concen: 58.769 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



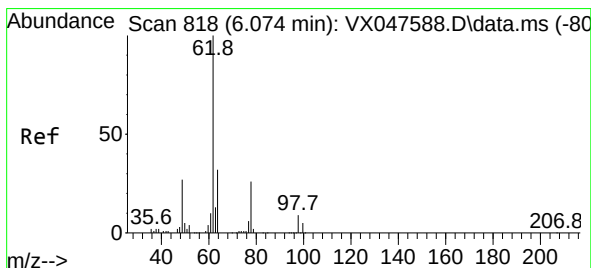
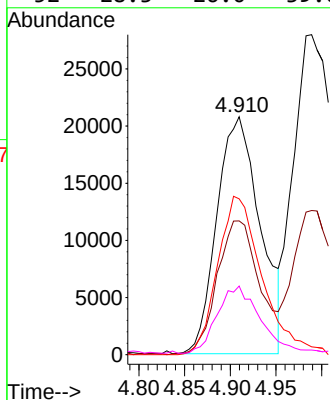
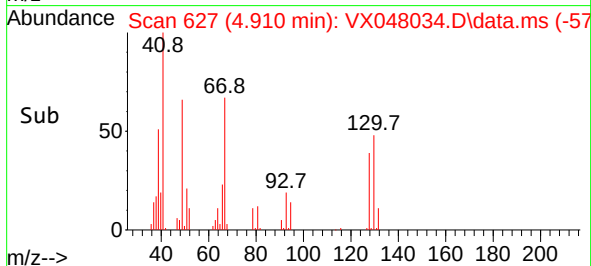
Tgt Ion: 41 Resp: 6837
Ion Ratio Lower Upper
41 100
39 55.7 43.3 64.9
67 68.6 58.6 87.8
52 28.3 26.0 39.0

Manual Integrations

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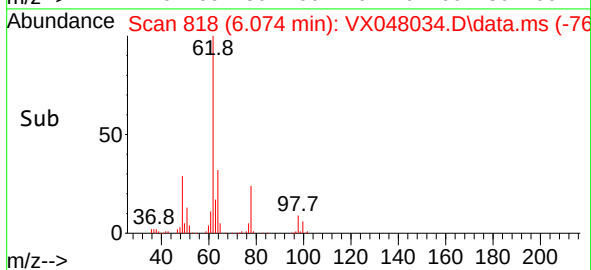
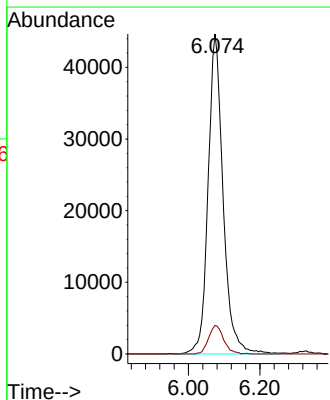
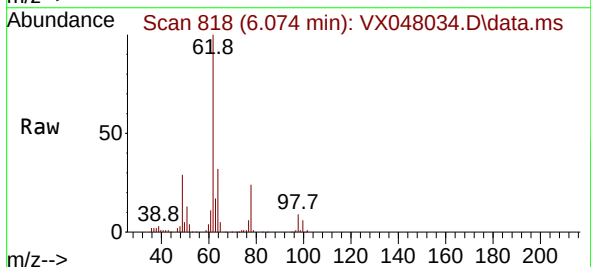
Reviewed By :John Carlone 10/07/2025

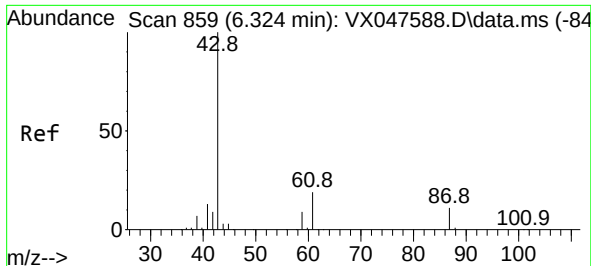
Supervised By :Mahesh Dadoda 10/07/2025



#42
1,2-Dichloroethane
Concen: 53.438 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 62 Resp: 129986
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





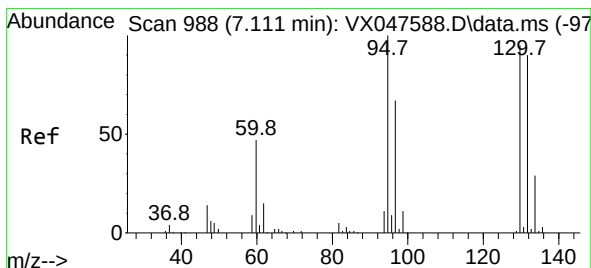
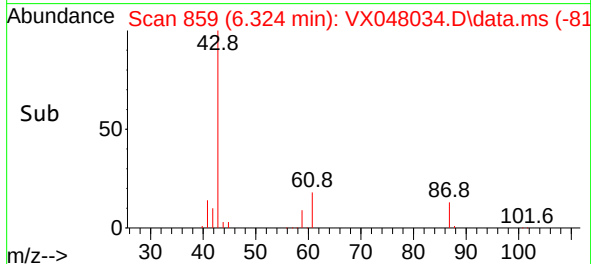
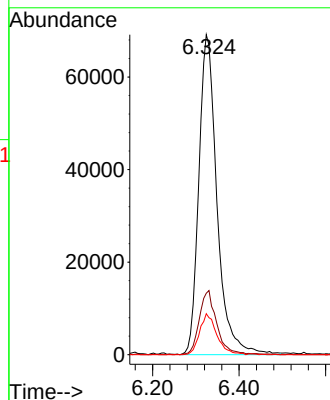
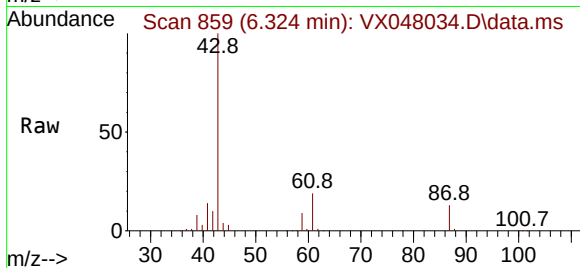
#43
Isopropyl Acetate
Concen: 54.583 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 20175
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.0 9.6 14.4

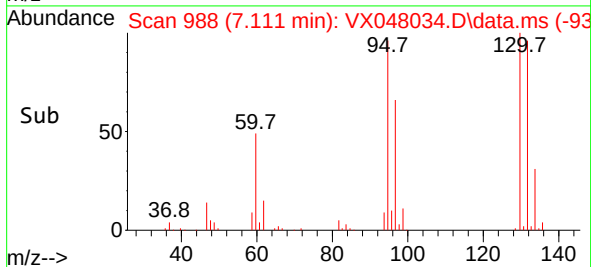
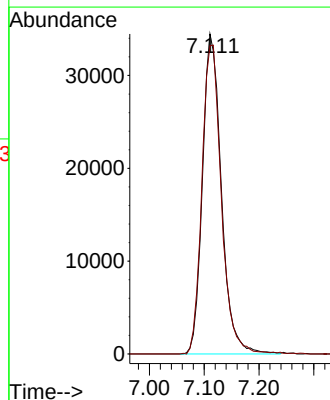
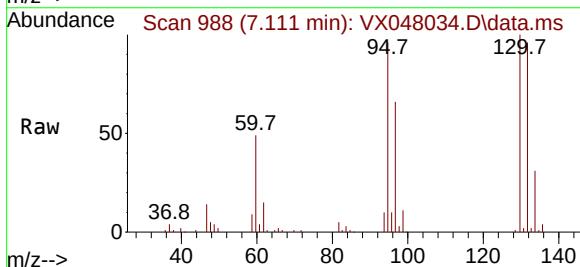
Manual Integrations
APPROVED

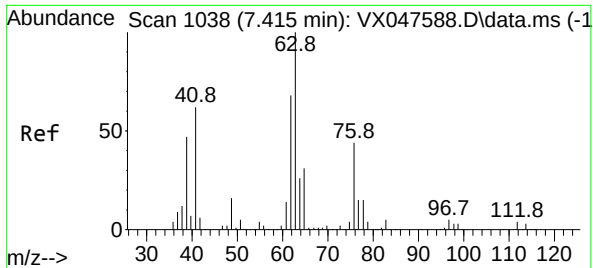
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#44
Trichloroethene
Concen: 53.300 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion:130 Resp: 82380
Ion Ratio Lower Upper
130 100
95 96.4 0.0 210.8





#45

1,2-Dichloropropane

Concen: 56.165 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9194

Ion Ratio Lower Upper

63 100

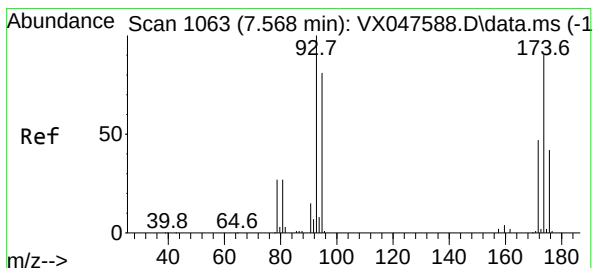
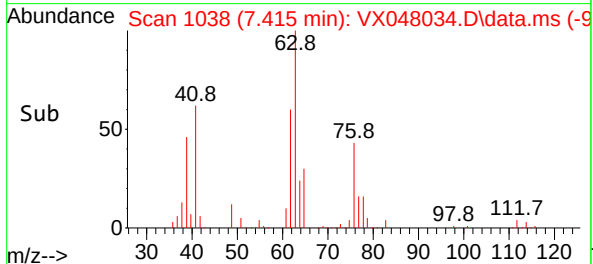
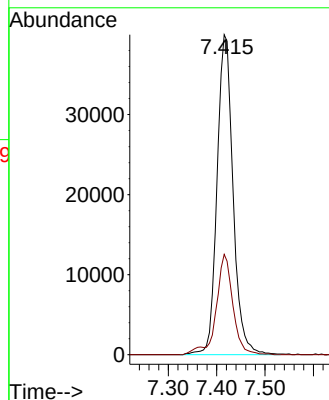
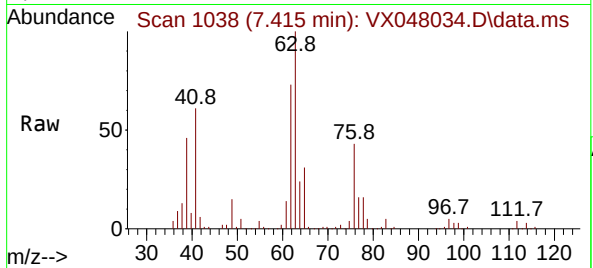
65 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#46

Dibromomethane

Concen: 55.664 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

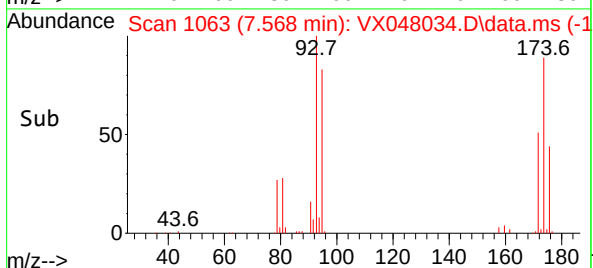
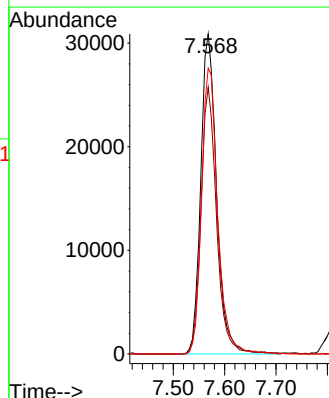
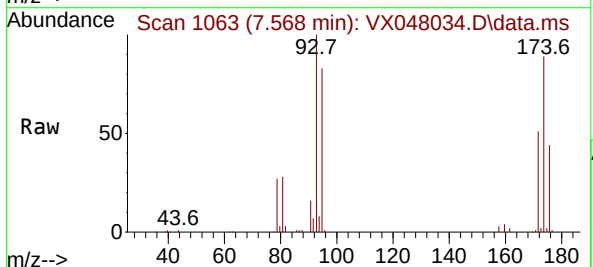
Tgt Ion: 93 Resp: 66310

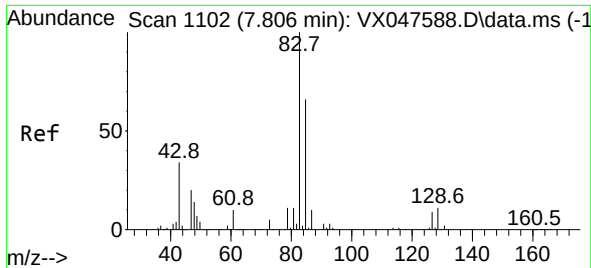
Ion Ratio Lower Upper

93 100

95 82.0 65.0 97.6

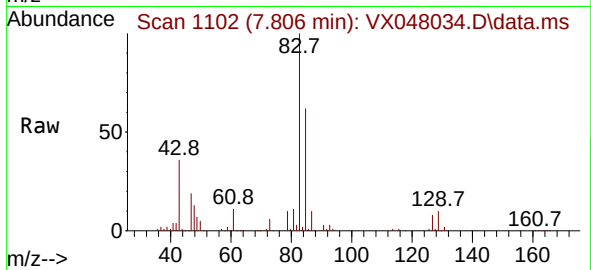
174 90.8 71.6 107.4





#47
Bromodichloromethane
Concen: 57.107 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

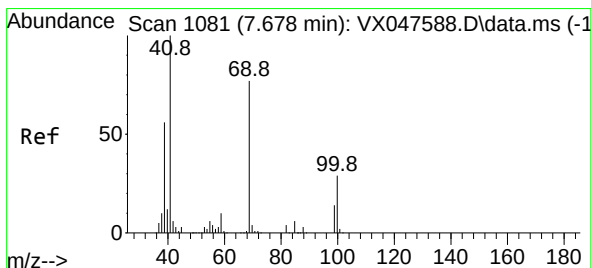
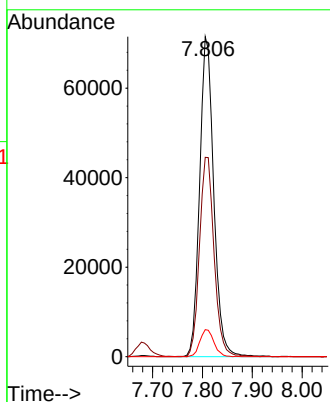
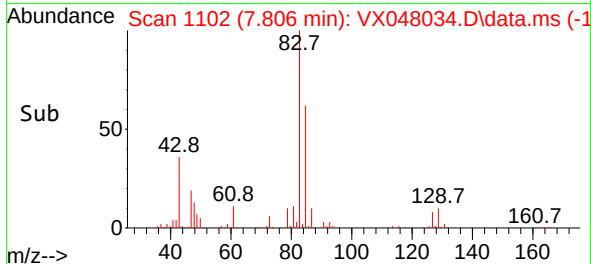
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 140382
Ion Ratio Lower Upper
83 100
85 62.3 52.5 78.7
127 8.5 6.9 10.3

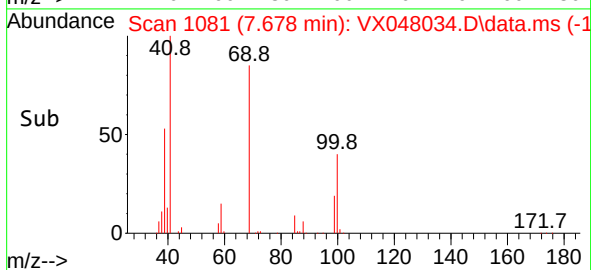
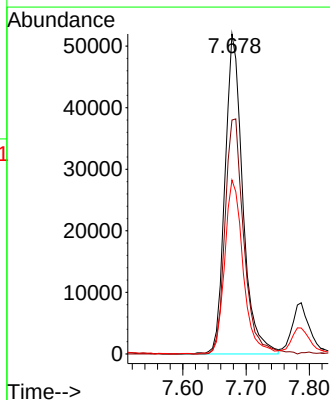
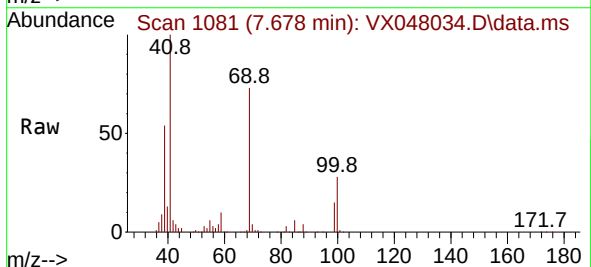
Manual Integrations
APPROVED

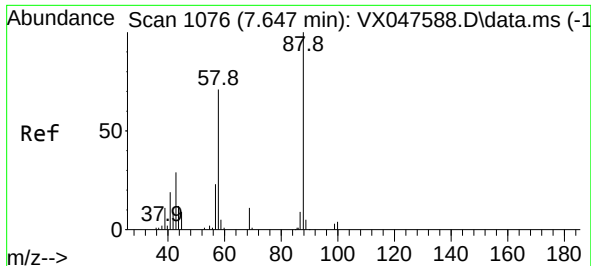
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#48
Methyl methacrylate
Concen: 55.085 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 41 Resp: 101419
Ion Ratio Lower Upper
41 100
69 77.8 61.4 92.2
39 56.4 45.8 68.6





#49

1,4-Dioxane

Concen: 1242.890 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 23120

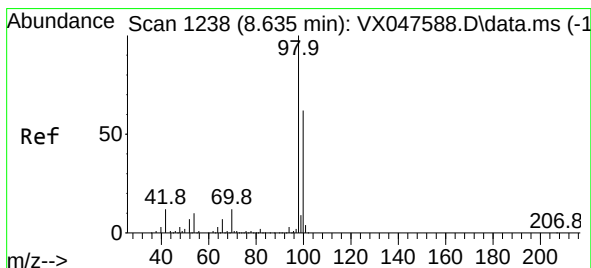
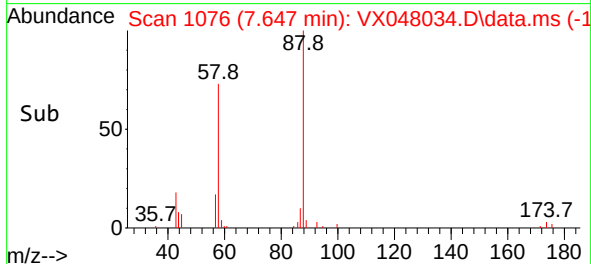
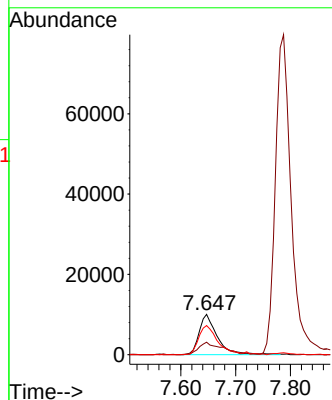
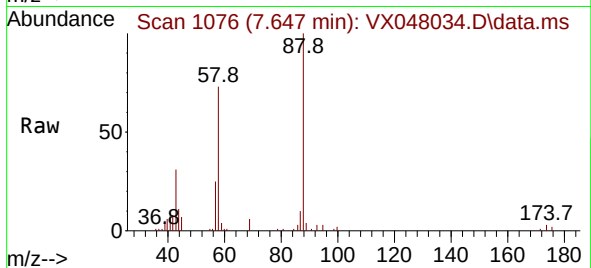
Ion	Ratio	Lower	Upper
88	100		
43	39.0	30.2	45.2
58	78.3	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#50

Toluene-d8

Concen: 53.864 ug/l

RT: 8.635 min Scan# 1238

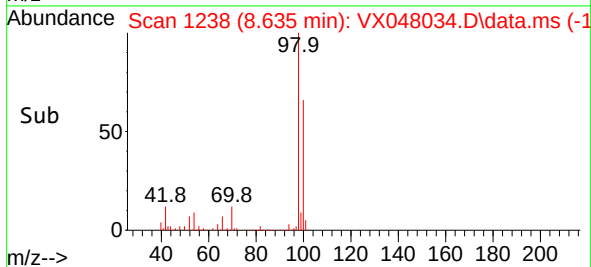
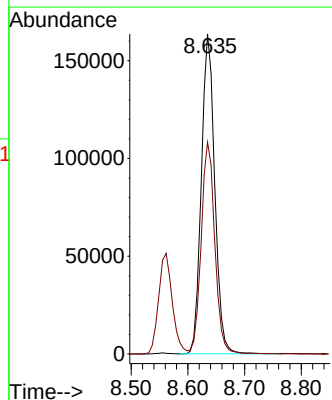
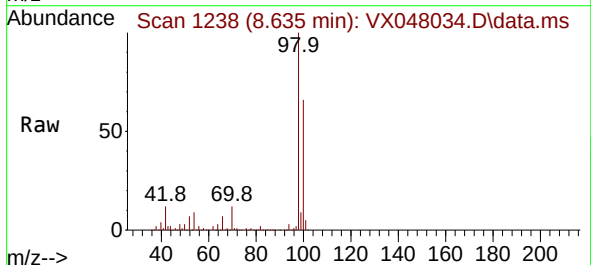
Delta R.T. -0.000 min

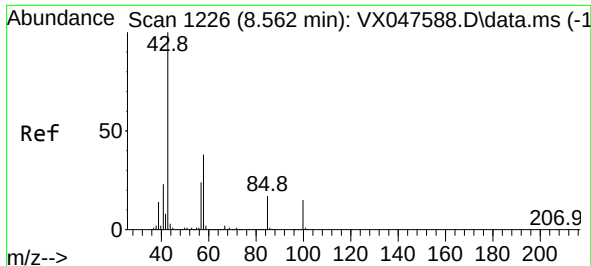
Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Tgt Ion: 98 Resp: 268474

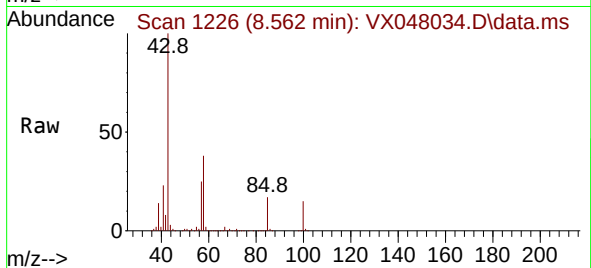
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 292.556 ug/l
RT: 8.562 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

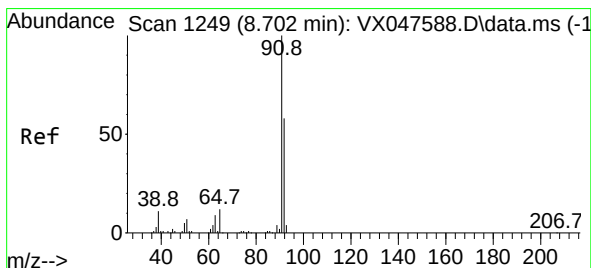
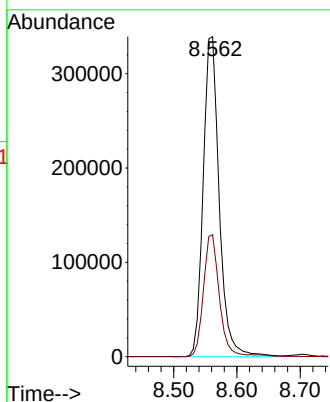
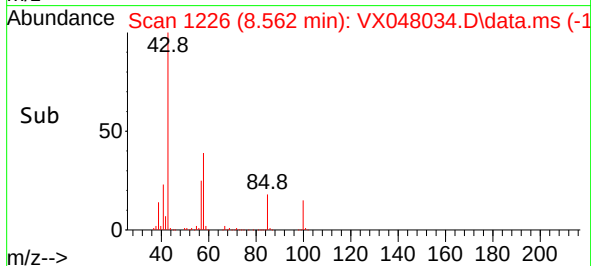
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



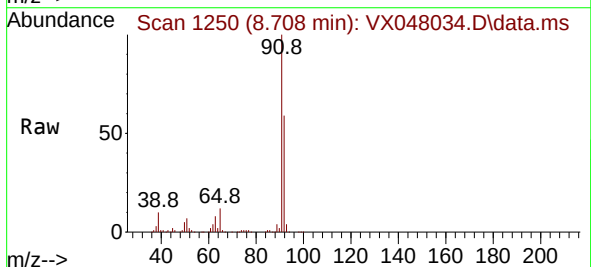
Tgt Ion: 43 Resp: 599550
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5

Manual Integrations
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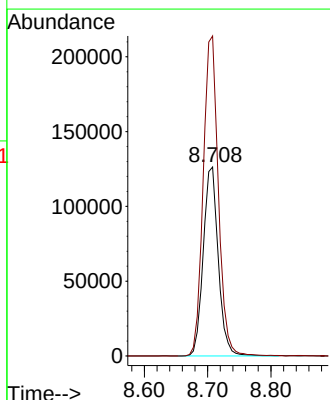
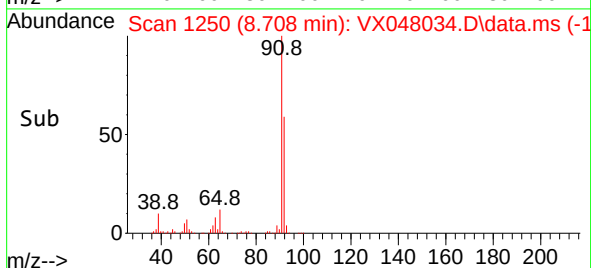
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

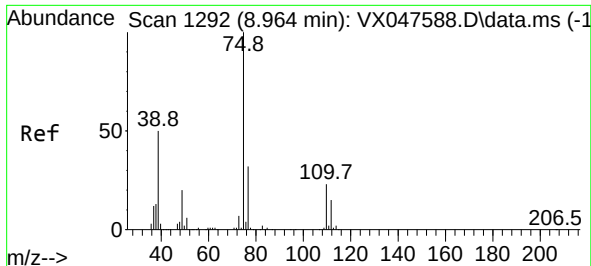


#52
Toluene
Concen: 53.078 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



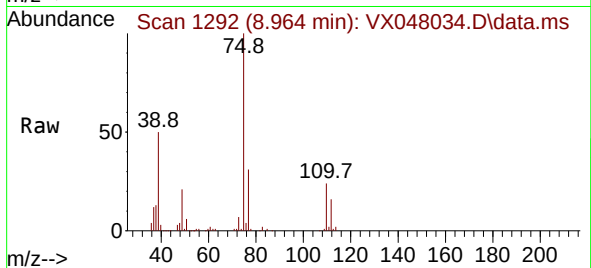
Tgt Ion: 92 Resp: 209062
Ion Ratio Lower Upper
92 100
91 171.0 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 54.777 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

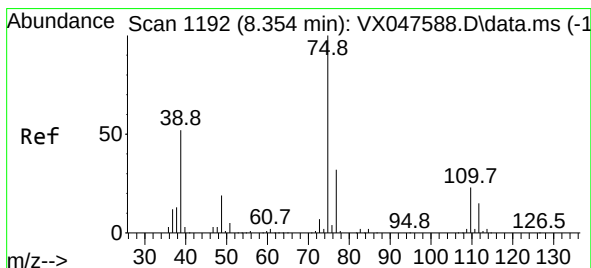
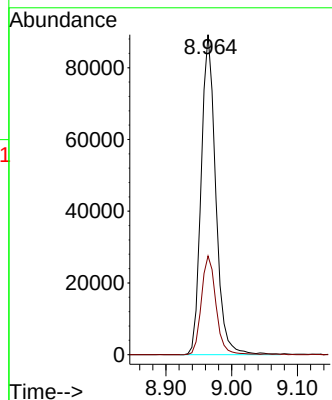
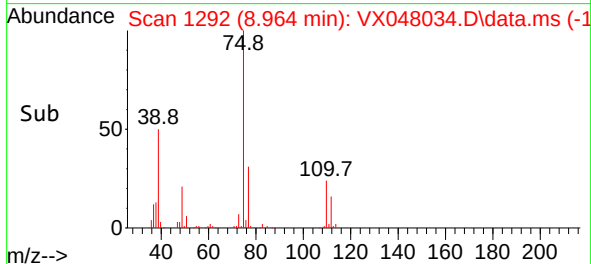
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



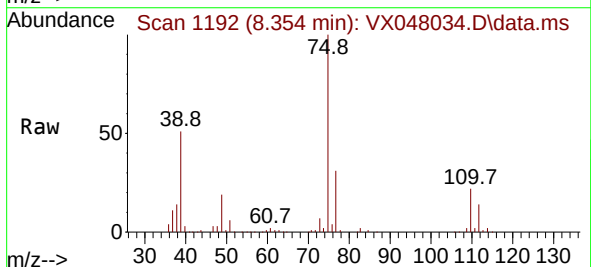
Tgt Ion: 75 Resp: 137350
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

Manual Integrations
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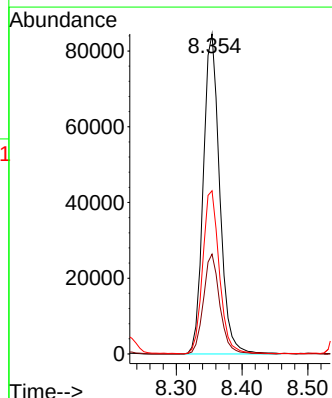
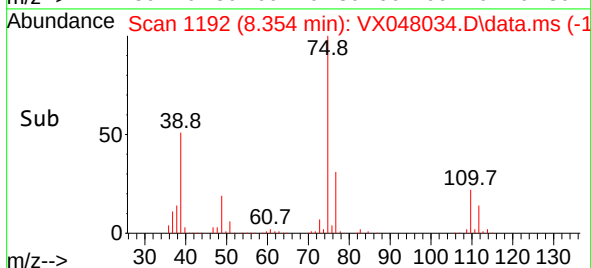
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

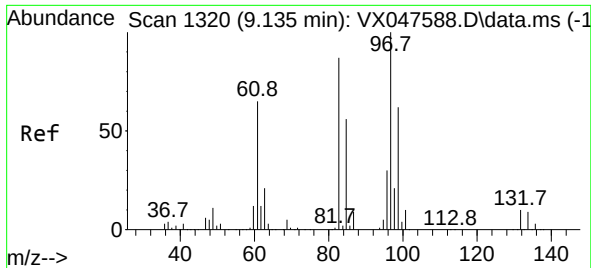


#54
cis-1,3-Dichloropropene
Concen: 54.677 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



Tgt Ion: 75 Resp: 146537
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
39 50.3 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 58.156 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

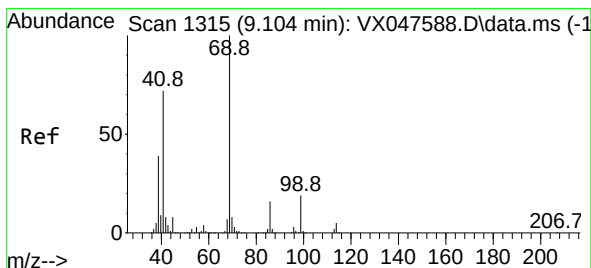
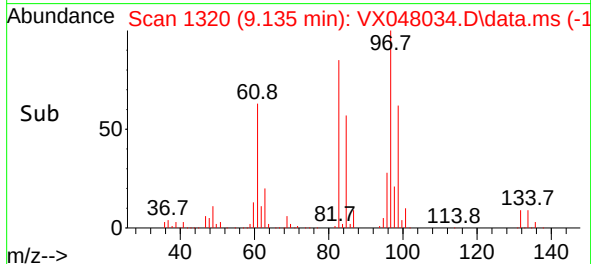
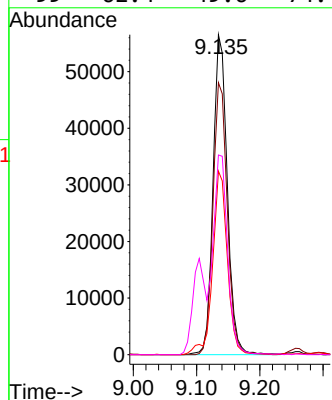
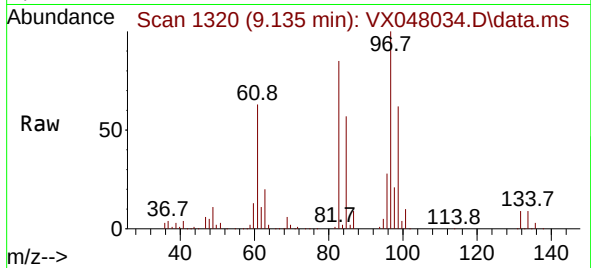
VSTDCCC050EC

Tgt Ion: 97 Resp: 88324
Ion Ratio Lower Upper
97 100
83 85.0 69.6 104.4
85 57.3 45.0 67.6
99 62.4 49.6 74.4

Manual Integrations

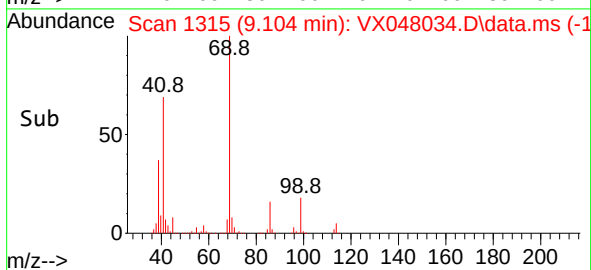
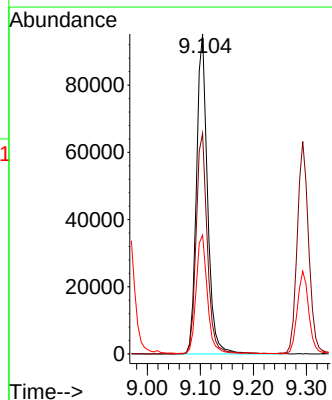
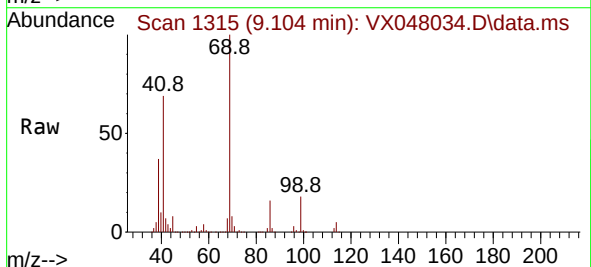
APPROVED

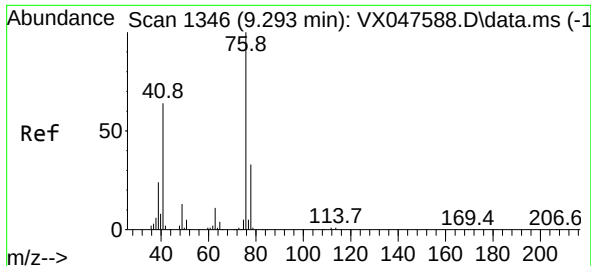
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#56
Ethyl methacrylate
Concen: 57.526 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 69 Resp: 137208
Ion Ratio Lower Upper
69 100
41 69.8 58.6 87.8
39 37.6 31.5 47.3





#57

1,3-Dichloropropane

Concen: 58.384 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15232

Ion Ratio Lower Upper

76 100

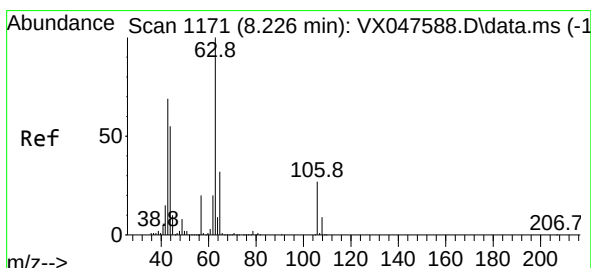
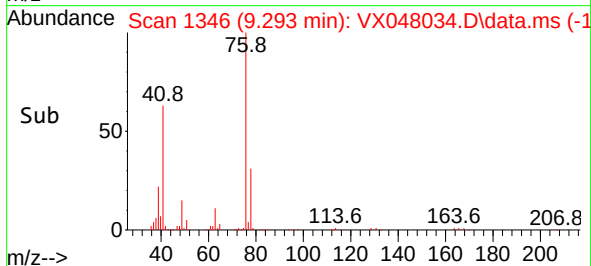
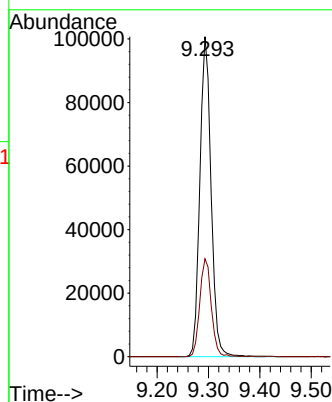
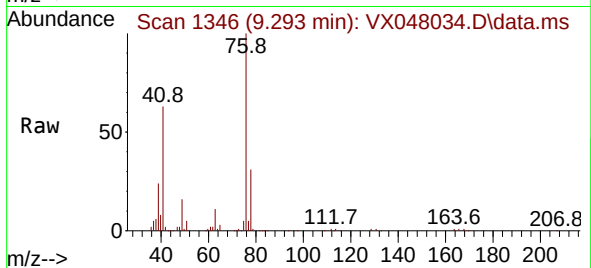
78 31.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 305.212 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048034.D

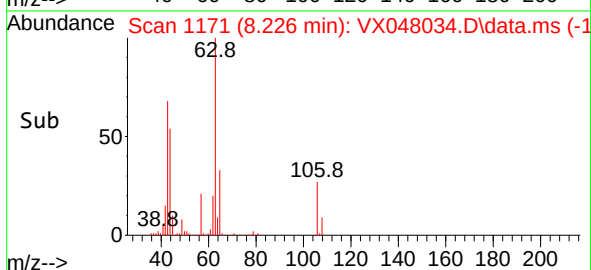
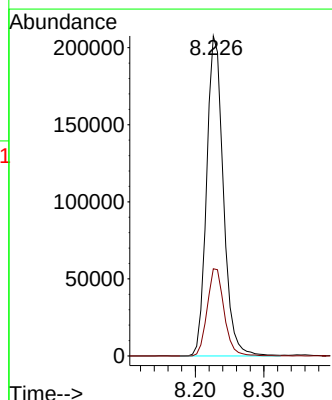
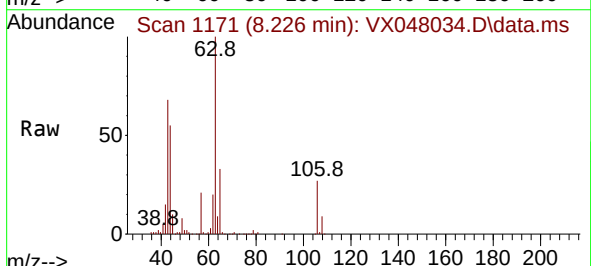
Acq: 06 Oct 2025 18:38

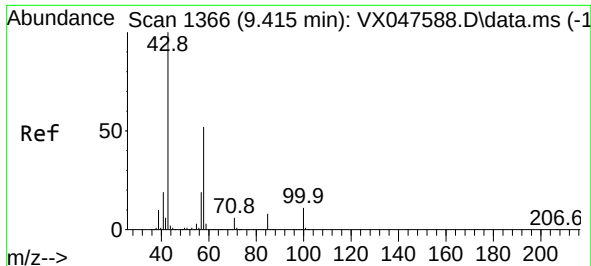
Tgt Ion: 63 Resp: 352793

Ion Ratio Lower Upper

63 100

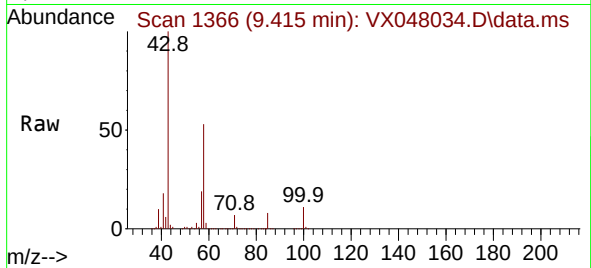
106 27.7 21.9 32.9





#59
2-Hexanone
Concen: 281.627 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

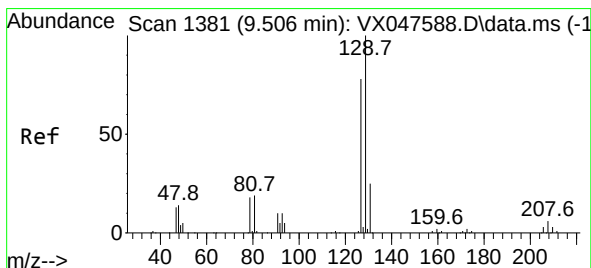
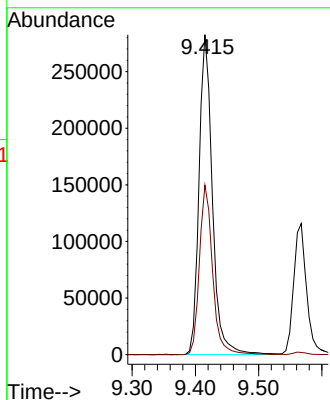
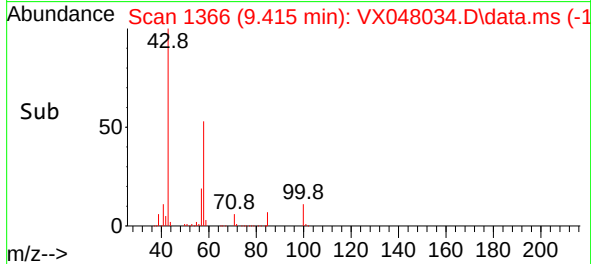
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 41451
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.2

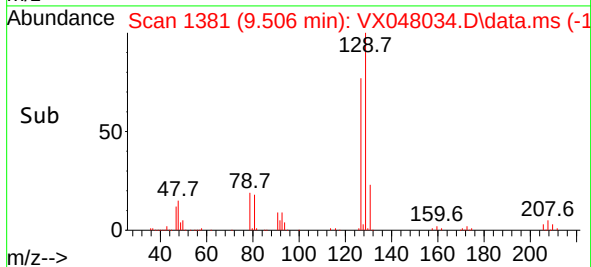
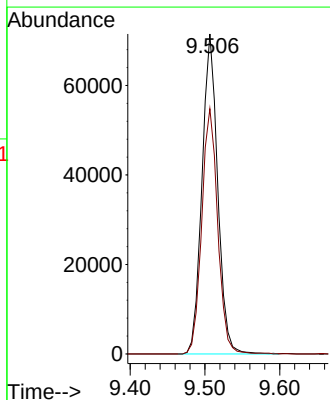
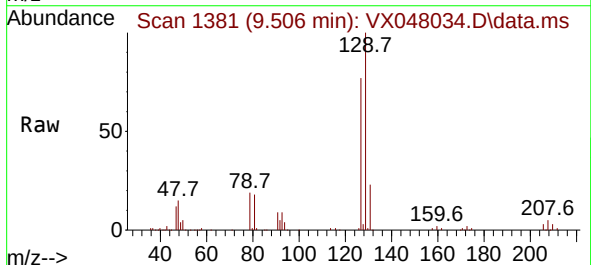
Manual Integrations
APPROVED

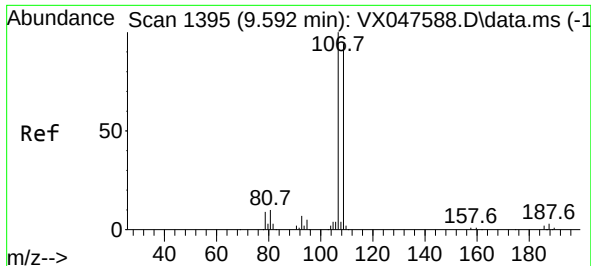
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#60
Dibromochloromethane
Concen: 59.610 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

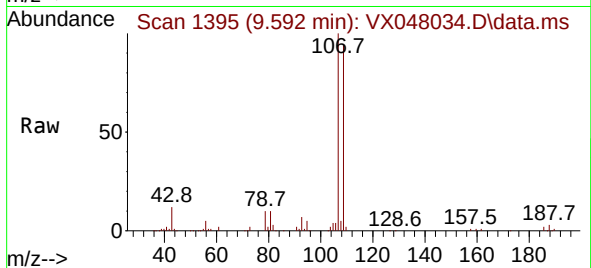
Tgt Ion:129 Resp: 104314
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 58.354 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

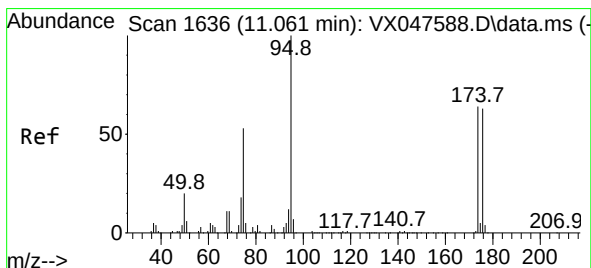
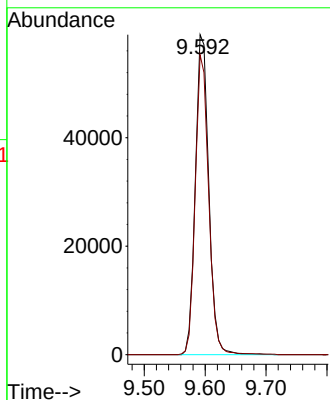
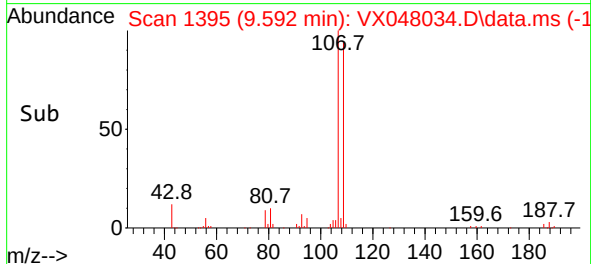
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



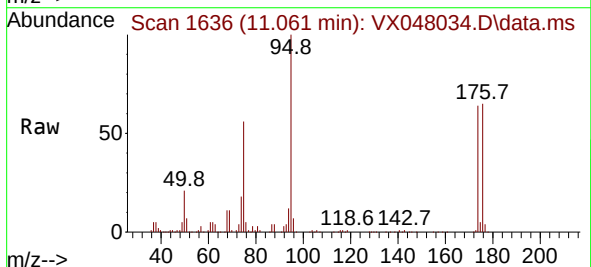
Tgt Ion:107 Resp: 90269
Ion Ratio Lower Upper
107 100
109 93.5 75.3 112.9

Manual Integrations
APPROVED

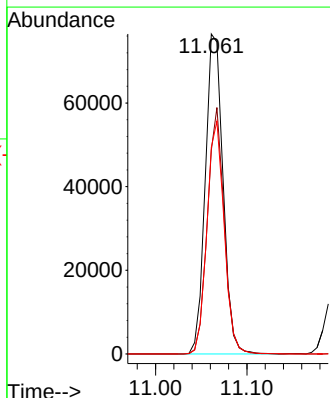
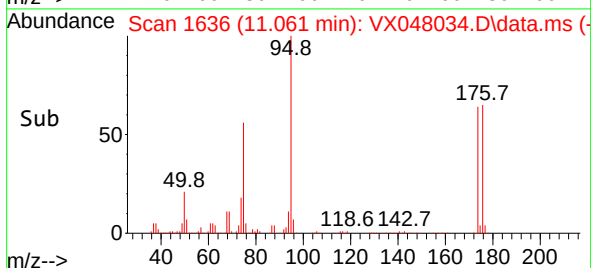
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

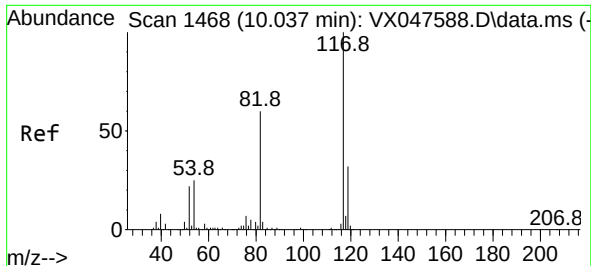


#62
4-Bromofluorobenzene
Concen: 54.304 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



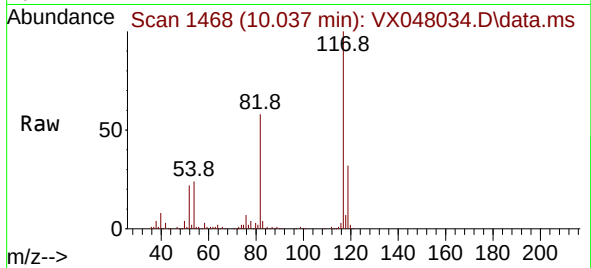
Tgt Ion: 95 Resp: 102723
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 70.7 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

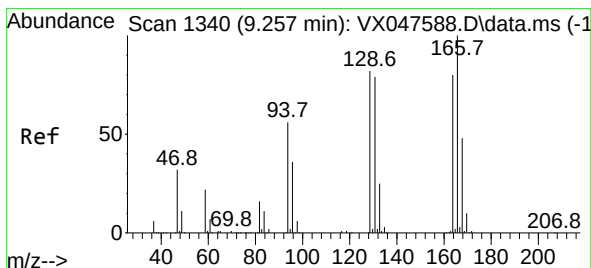
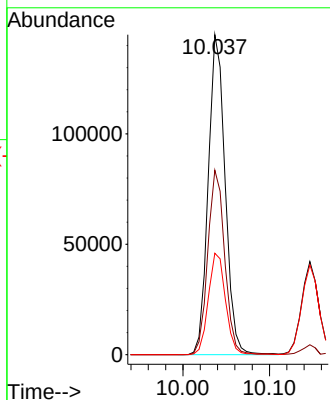
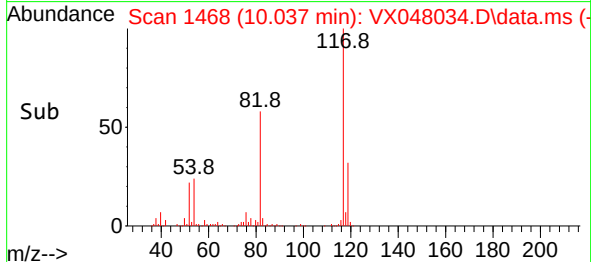
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 19670
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 31.7 25.2 37.8

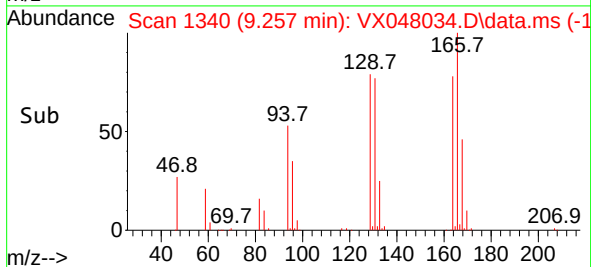
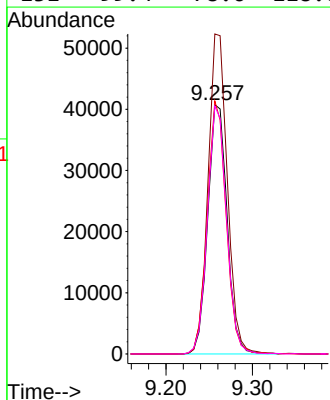
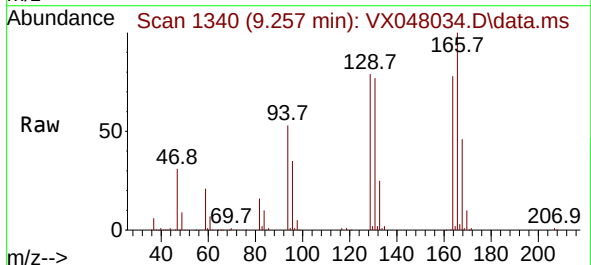
Manual Integrations
APPROVED

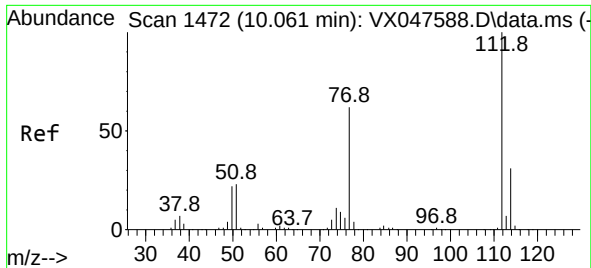
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#64
Tetrachloroethene
Concen: 49.225 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion:164 Resp: 63121
Ion Ratio Lower Upper
164 100
166 128.3 100.2 150.2
129 101.4 81.8 122.6
131 99.4 78.6 118.0





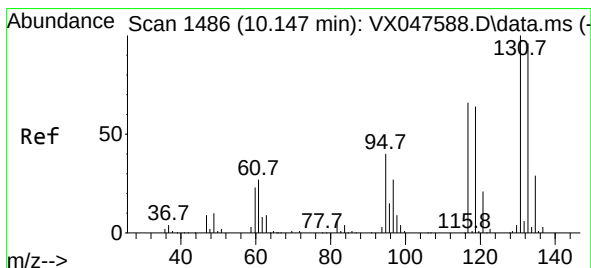
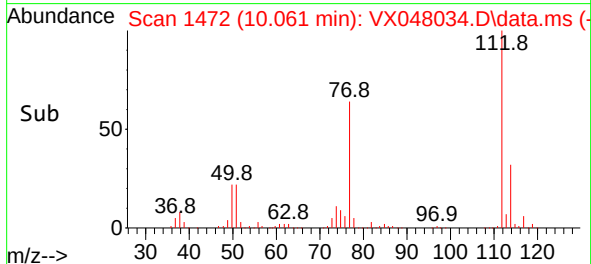
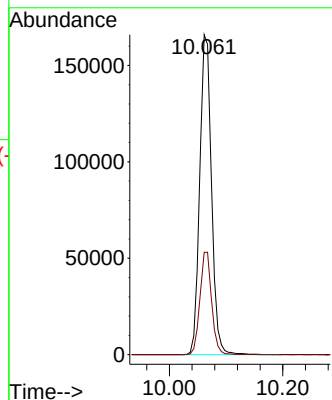
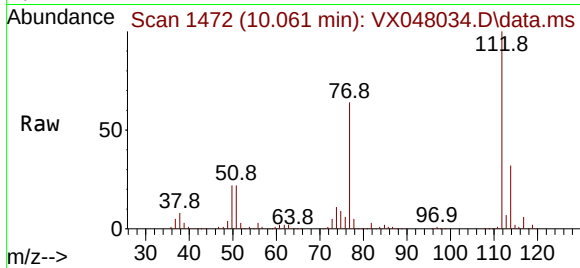
#65
Chlorobenzene
Concen: 53.476 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 23896
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

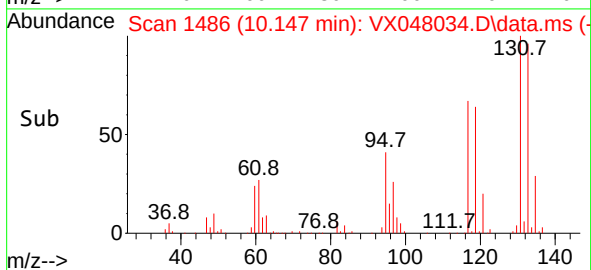
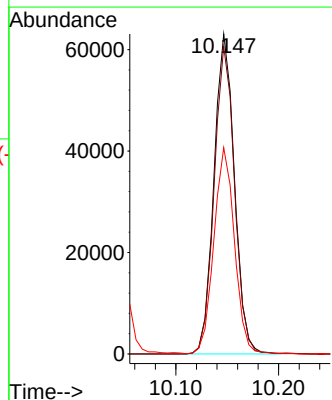
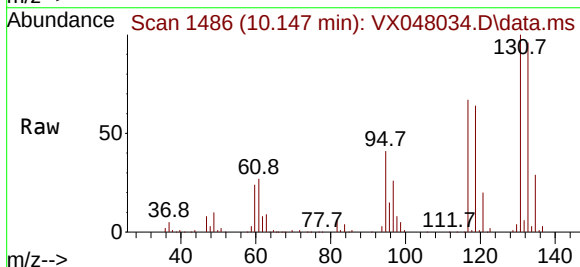
Manual Integrations
APPROVED

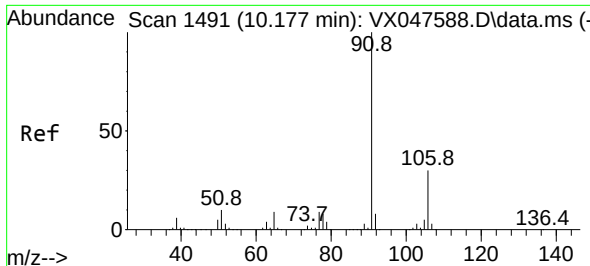
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.485 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

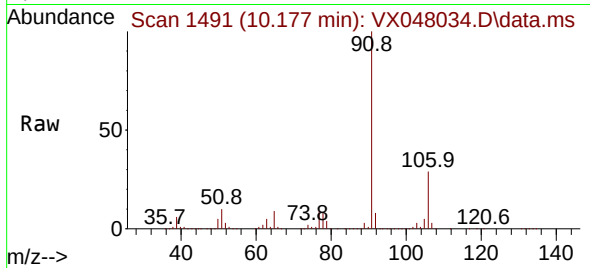
Tgt Ion:131 Resp: 87101
Ion Ratio Lower Upper
131 100
133 96.0 47.3 142.0
119 65.0 32.0 96.0





#67
Ethyl Benzene
Concen: 52.752 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

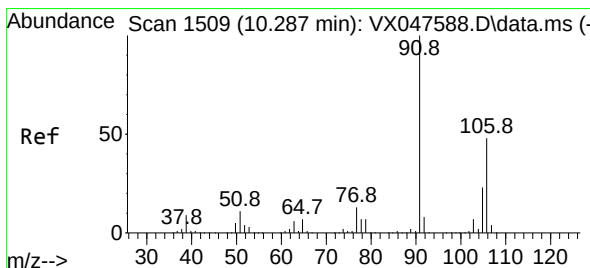
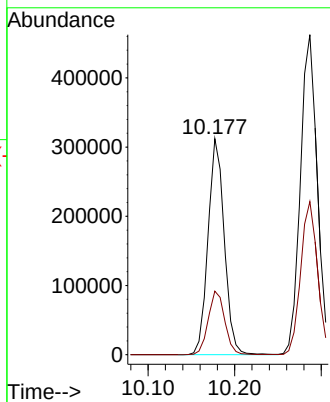
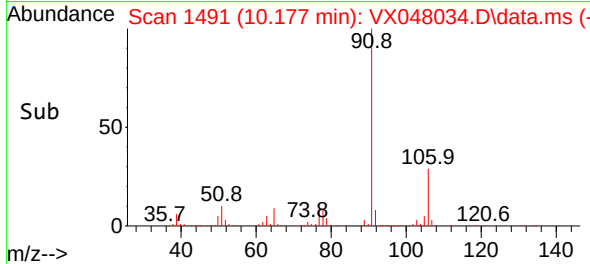
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 406738
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5

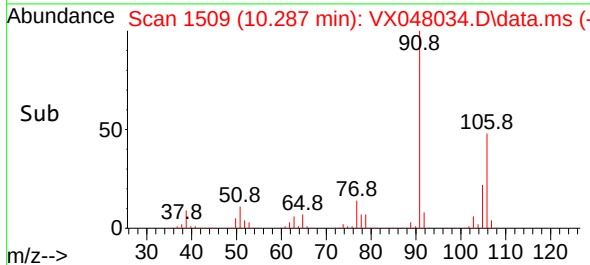
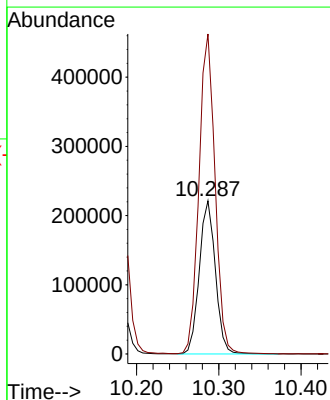
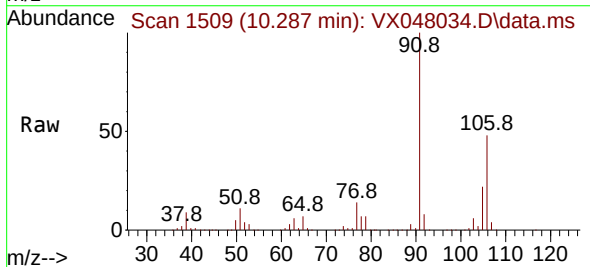
Manual Integrations
APPROVED

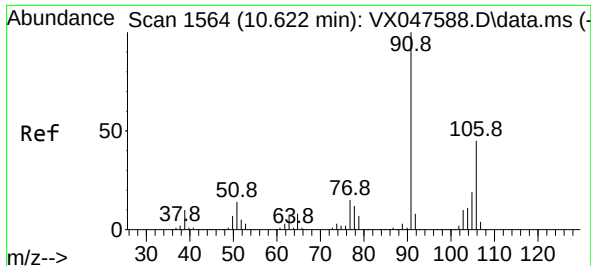
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#68
m/p-Xylenes
Concen: 104.791 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion:106 Resp: 300738
Ion Ratio Lower Upper
106 100
91 209.2 167.8 251.8





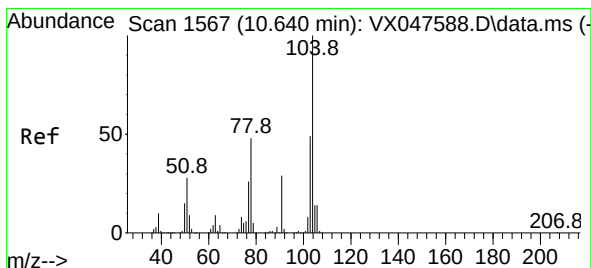
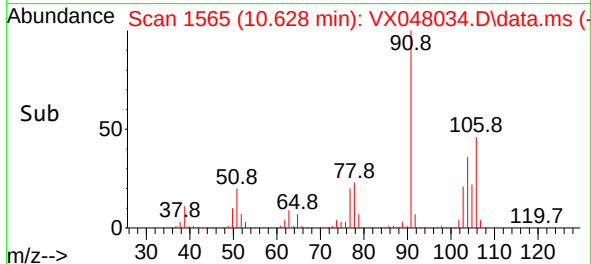
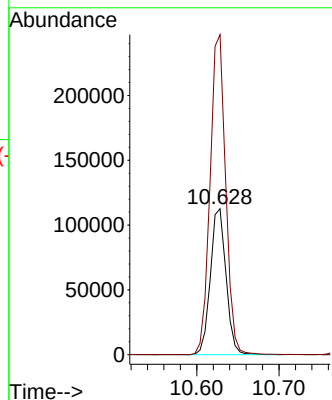
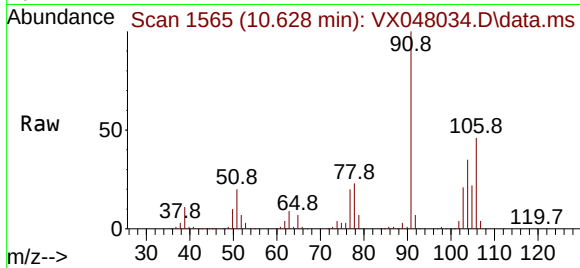
#69
o-Xylene
Concen: 53.715 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149100
Ion Ratio Lower Upper
106 100
91 218.8 111.1 333.4

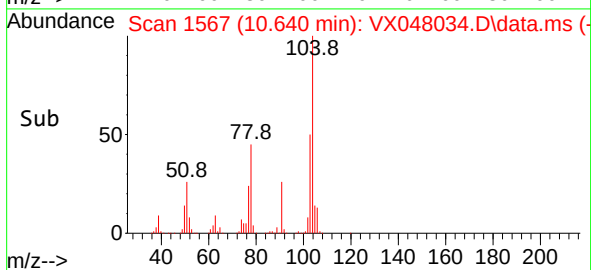
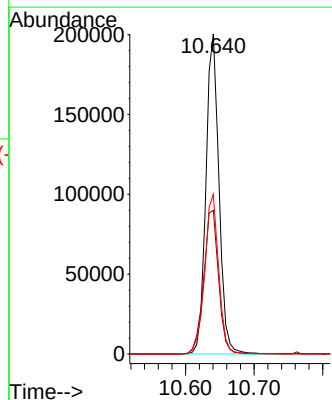
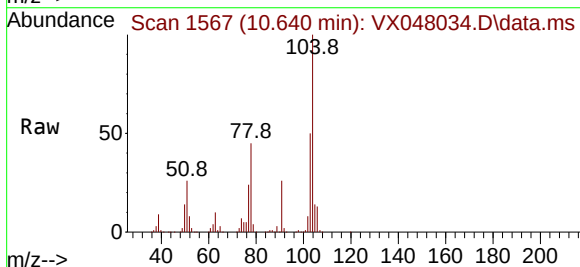
Manual Integrations
APPROVED

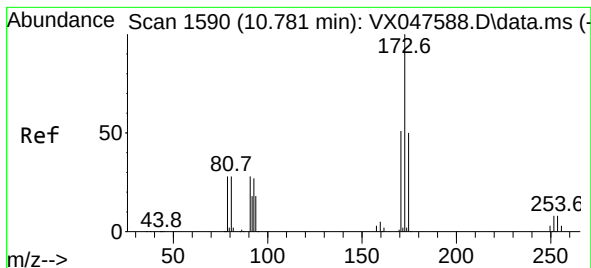
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#70
Styrene
Concen: 54.677 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion:104 Resp: 265941
Ion Ratio Lower Upper
104 100
78 51.5 43.1 64.7
103 53.5 43.1 64.7





#71

Bromoform

Concen: 58.703 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

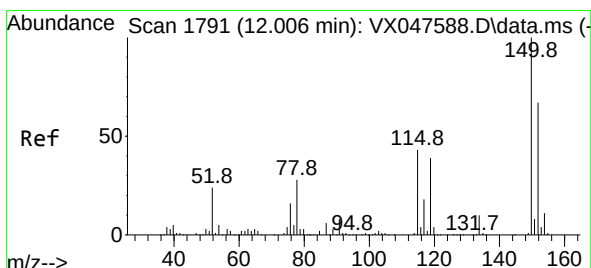
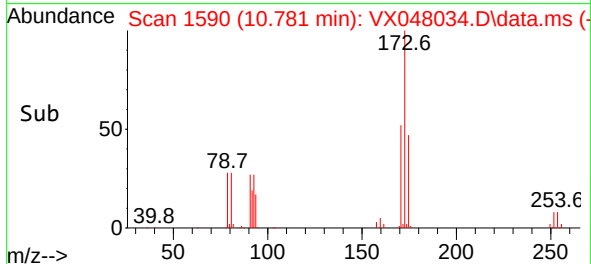
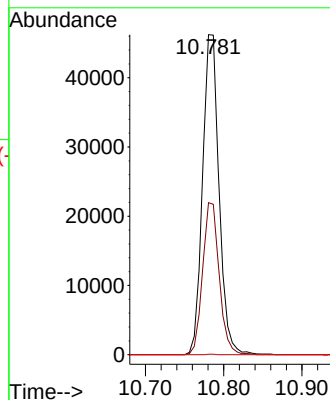
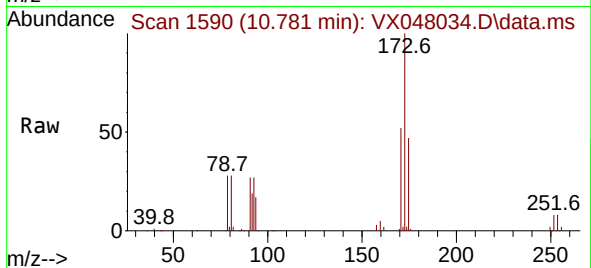
Tgt Ion:173 Resp: 67592
 Ion Ratio Lower Upper
 173 100
 175 47.7 24.9 74.6
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

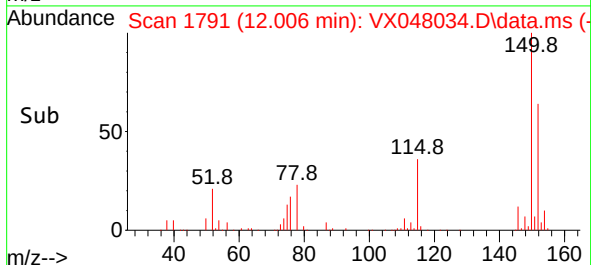
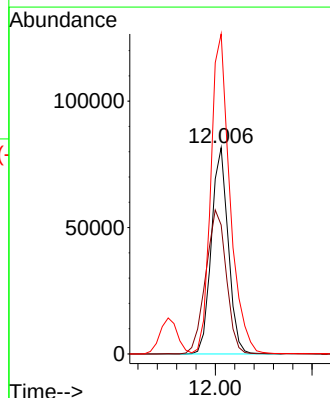
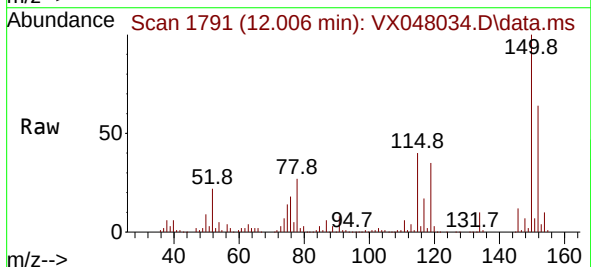
RT: 12.006 min Scan# 1791

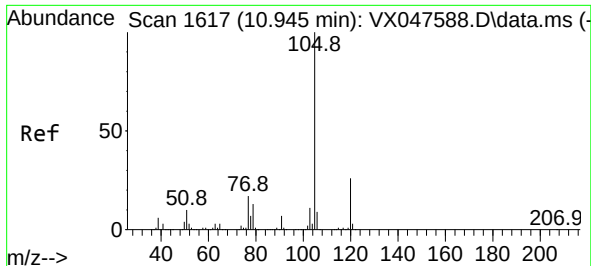
Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

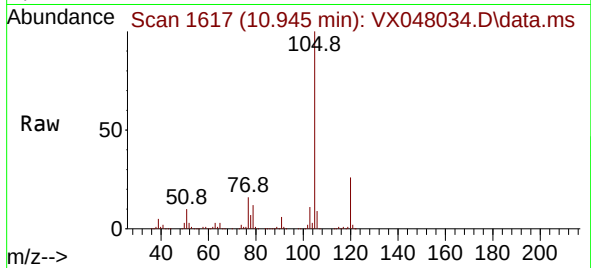
Tgt Ion:152 Resp: 98739
 Ion Ratio Lower Upper
 152 100
 115 85.6 44.9 134.5
 150 176.9 0.0 352.0





#73
Isopropylbenzene
Concen: 50.587 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

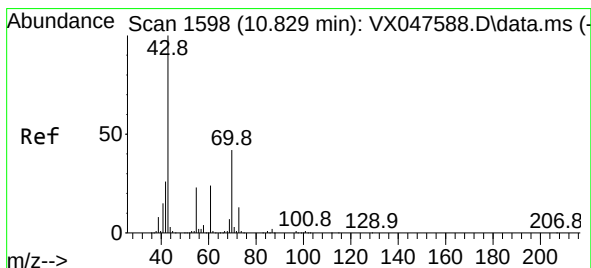
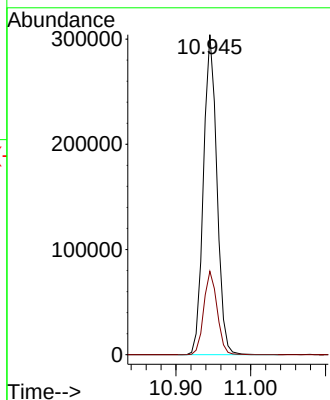
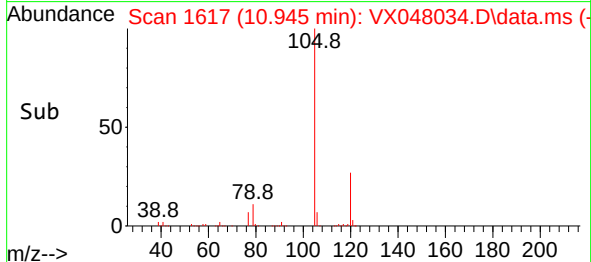
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 37974
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4

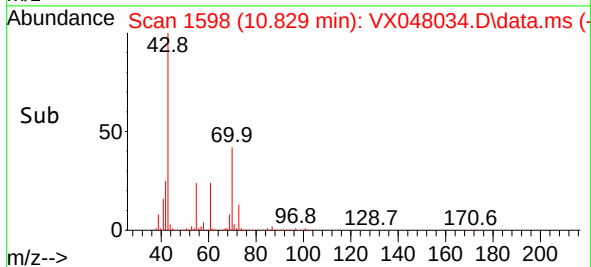
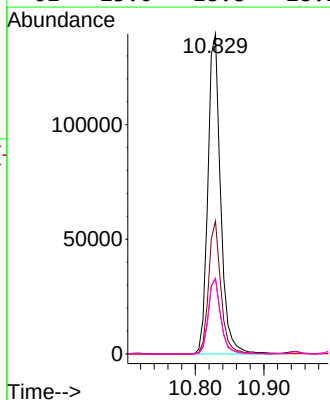
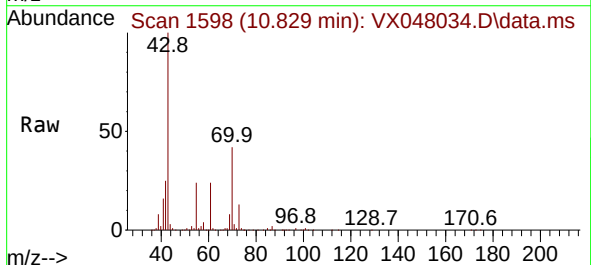
Manual Integrations
APPROVED

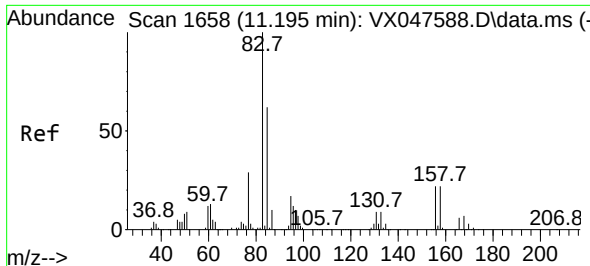
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#74
N-ethyl acetate
Concen: 52.729 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

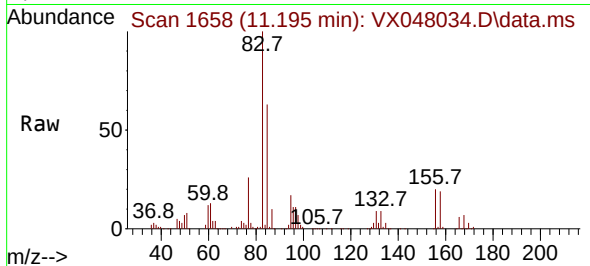
Tgt Ion: 43 Resp: 180501
Ion Ratio Lower Upper
43 100
70 40.2 32.0 48.0
55 23.4 18.9 28.3
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.933 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

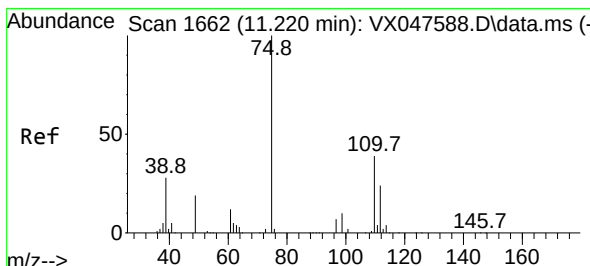
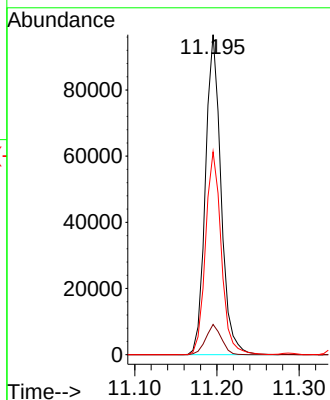
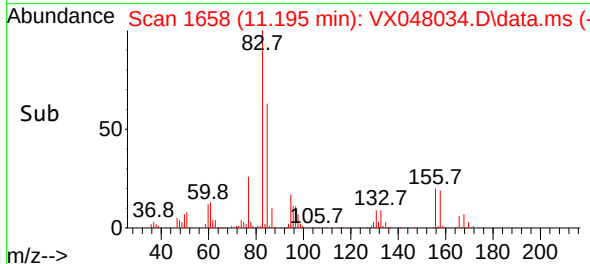
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 127033
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 64.2 31.6 95.0

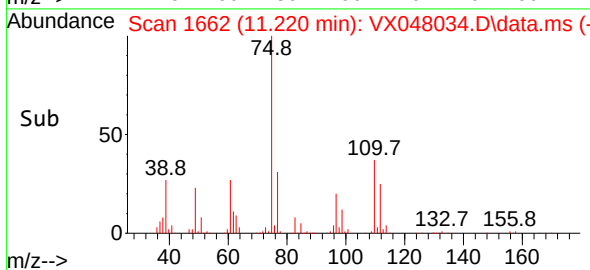
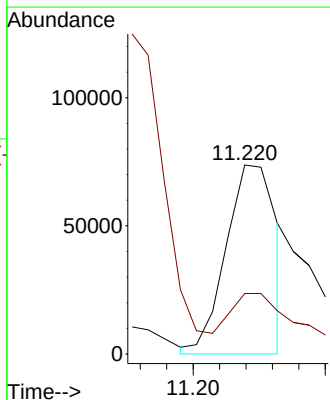
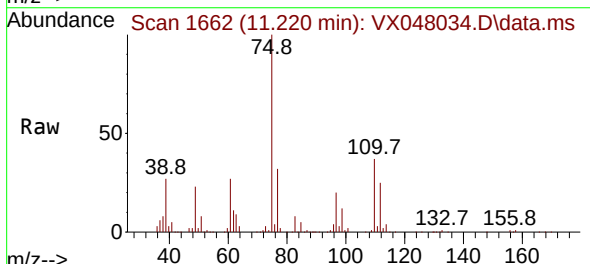
Manual Integrations
APPROVED

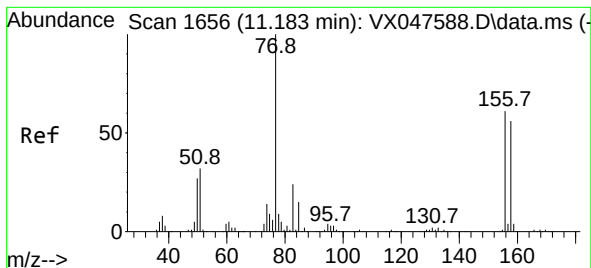
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#76
1,2,3-Trichloropropane
Concen: 48.512 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 75 Resp: 96984
Ion Ratio Lower Upper
75 100
77 43.2 18.8 56.4





#77

Bromobenzene

Concen: 51.620 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

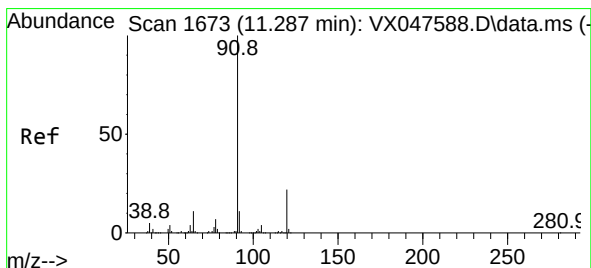
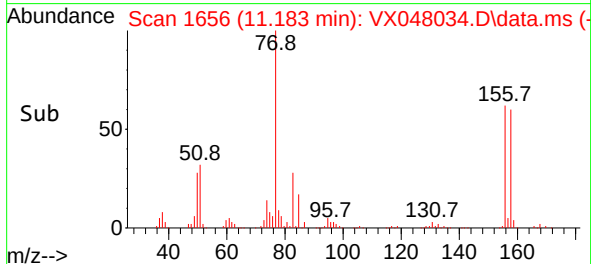
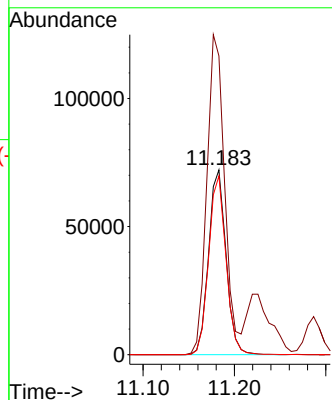
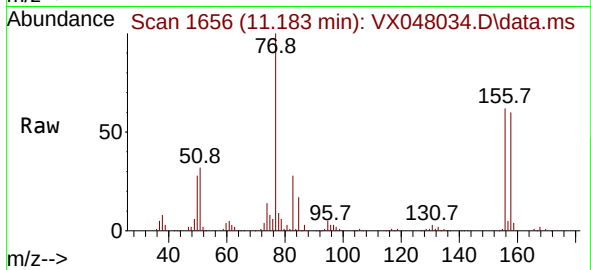
Tgt Ion:156 Resp: 95438
 Ion Ratio Lower Upper
 156 100
 77 176.5 89.7 269.1
 158 96.2 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#78

n-propylbenzene

Concen: 50.353 ug/l

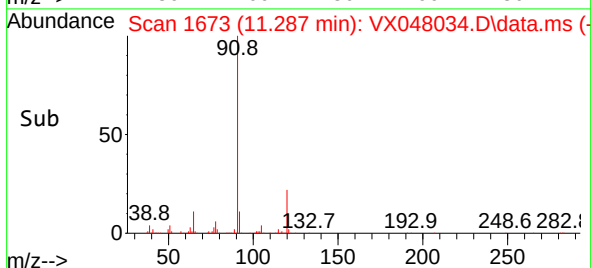
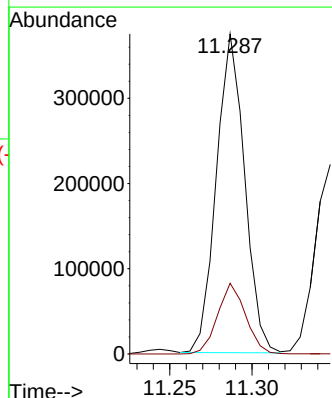
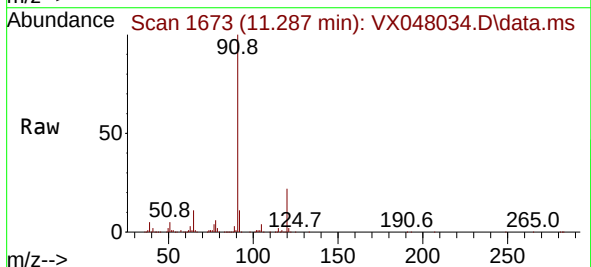
RT: 11.287 min Scan# 1673

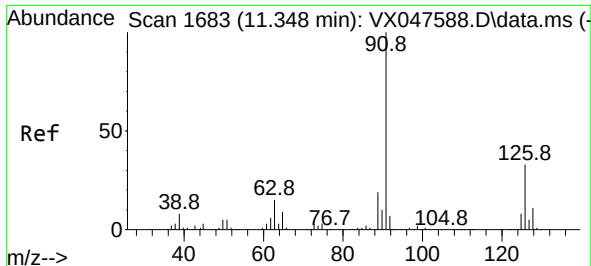
Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Tgt Ion: 91 Resp: 446831
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.1 33.1





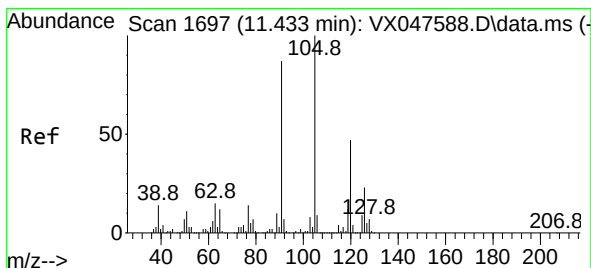
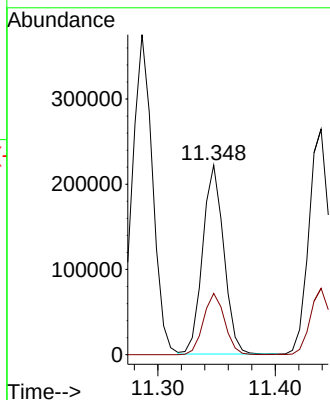
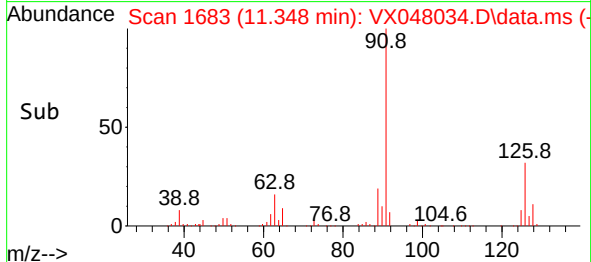
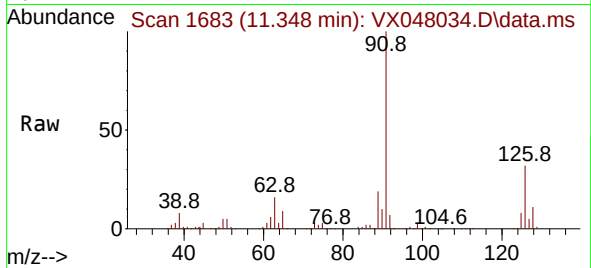
#79
2-Chlorotoluene
Concen: 50.841 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 276320
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

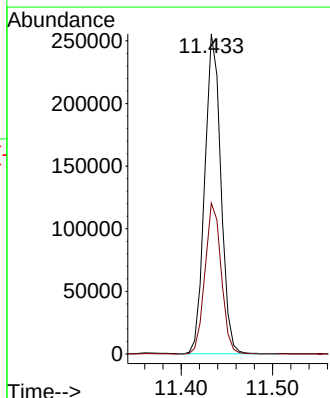
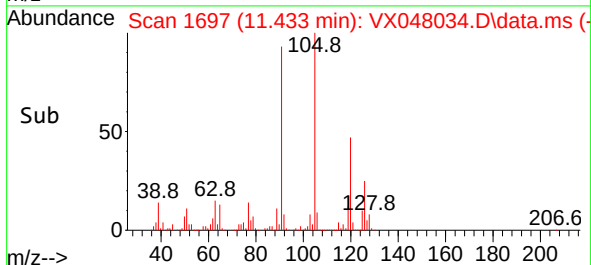
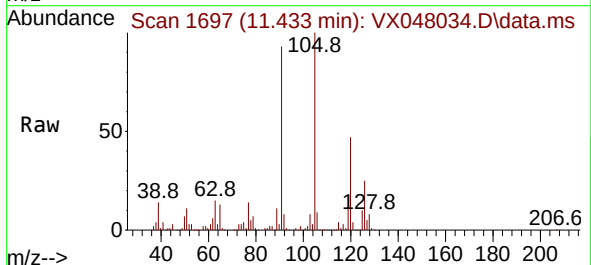
Manual Integrations
APPROVED

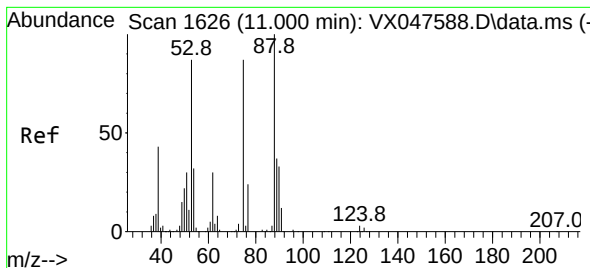
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.597 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

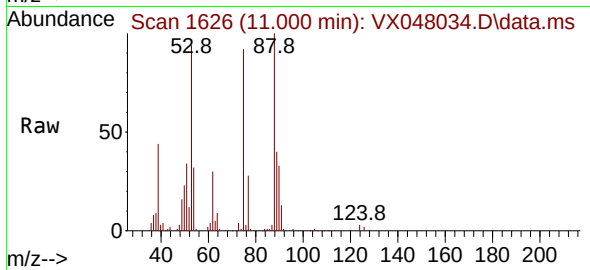
Tgt Ion:105 Resp: 312057
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.434 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

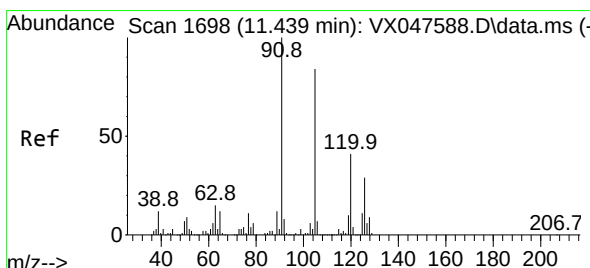
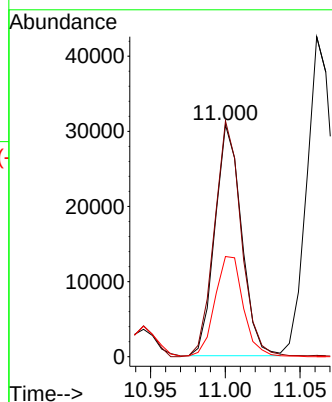
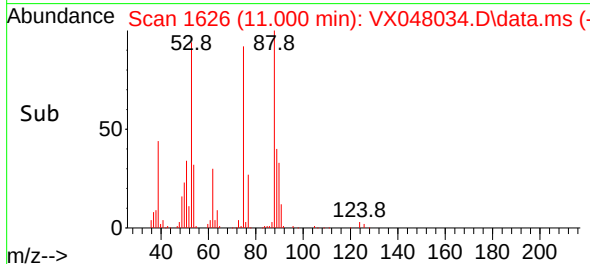
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 37969
Ion Ratio Lower Upper
75 100
53 103.8 83.4 125.2
89 46.3 36.3 54.5

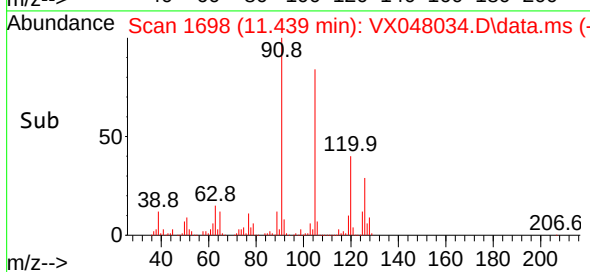
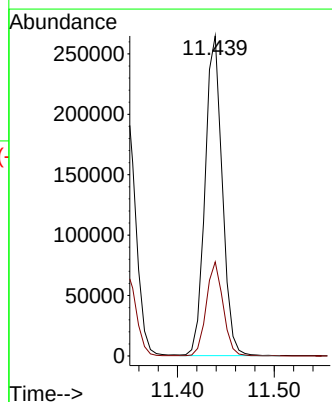
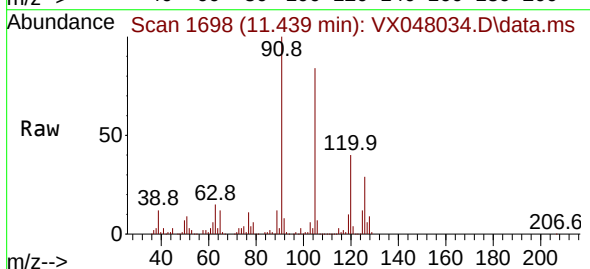
Manual Integrations
APPROVED

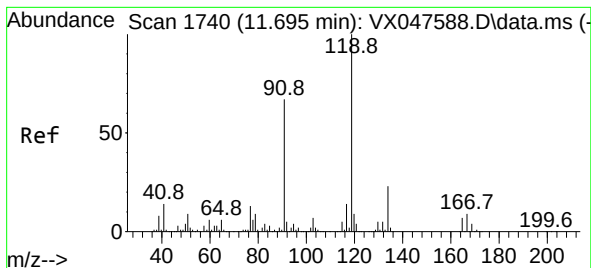
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#82
4-Chlorotoluene
Concen: 51.057 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

Tgt Ion: 91 Resp: 327743
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.338 ug/l

RT: 11.695 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 31781

Ion Ratio Lower Upper

119 100

91 58.1 29.6 88.8

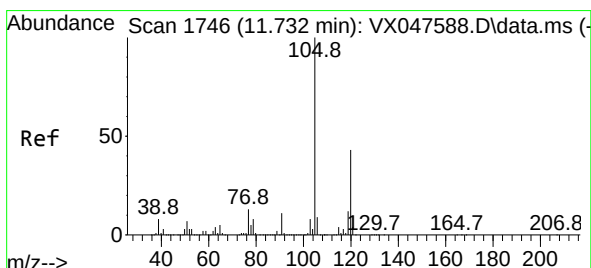
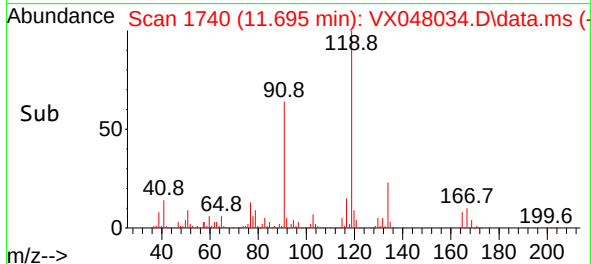
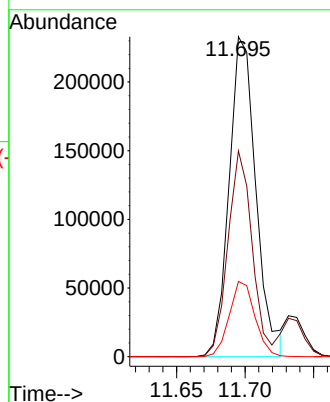
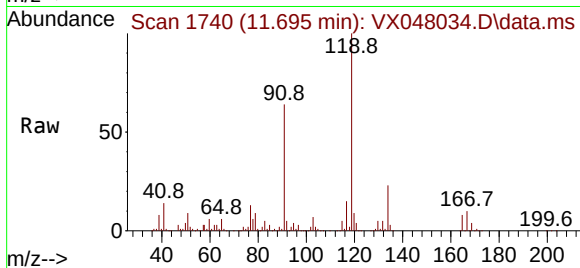
134 22.5 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.540 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048034.D

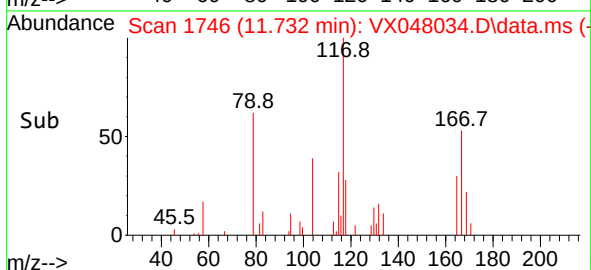
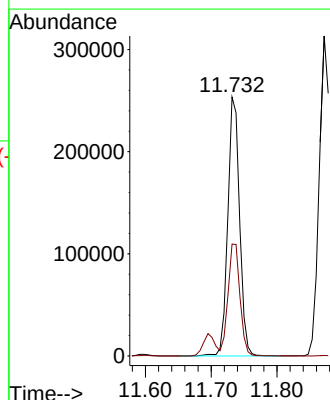
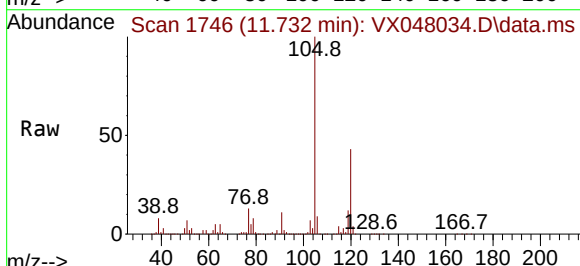
Acq: 06 Oct 2025 18:38

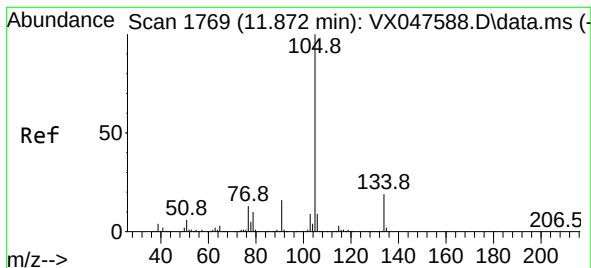
Tgt Ion:105 Resp: 316019

Ion Ratio Lower Upper

105 100

120 43.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.214 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 376564

Ion Ratio Lower Upper

105 100

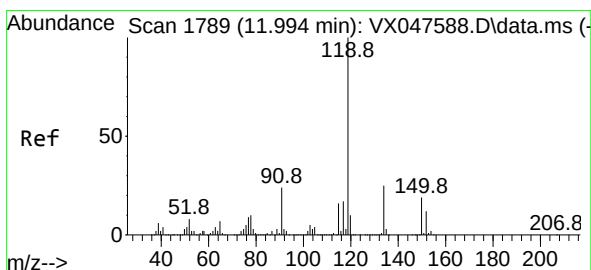
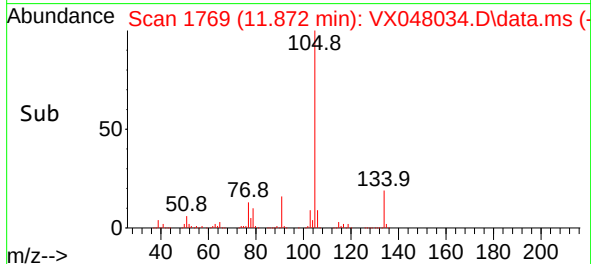
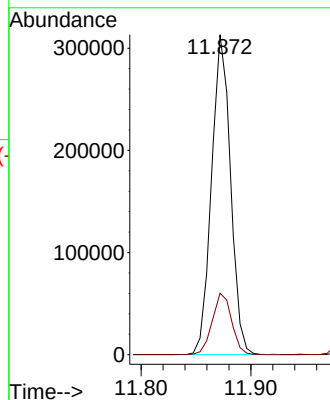
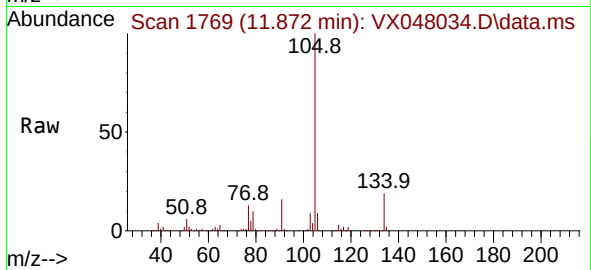
134 19.7 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#86

p-Isopropyltoluene

Concen: 49.021 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. -0.000 min

Lab File: VX048034.D

Acq: 06 Oct 2025 18:38

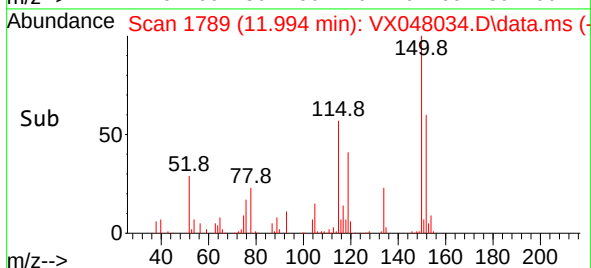
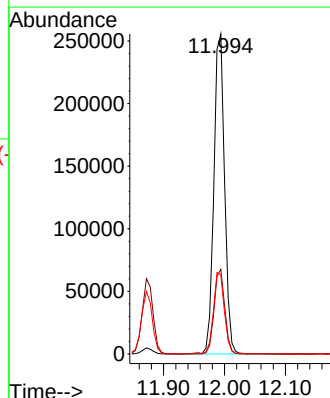
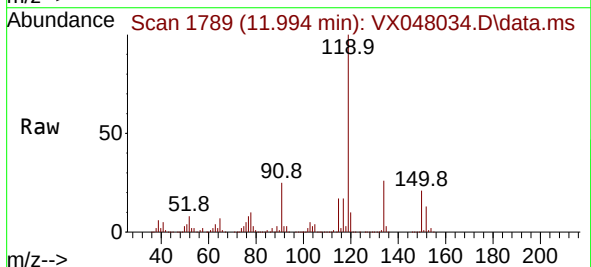
Tgt Ion:119 Resp: 311223

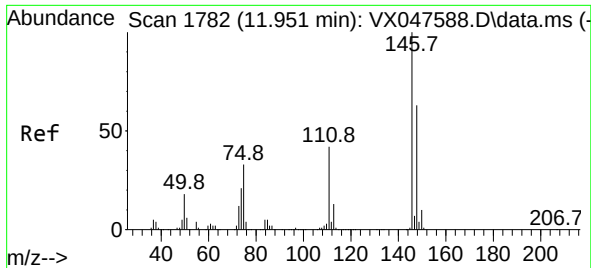
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

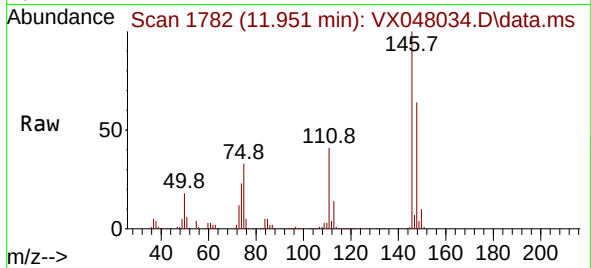
91 25.9 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 51.554 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

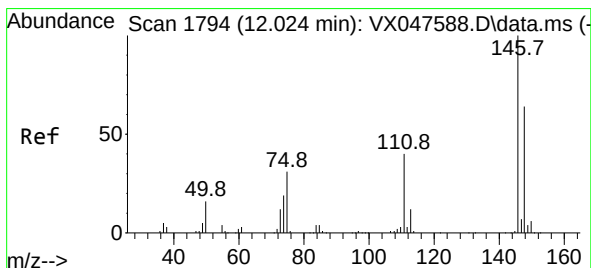
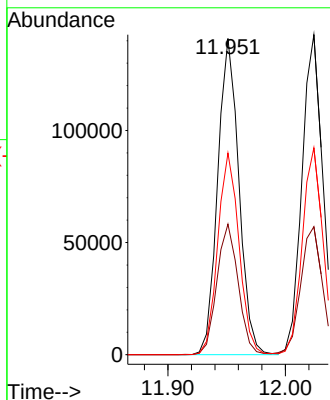
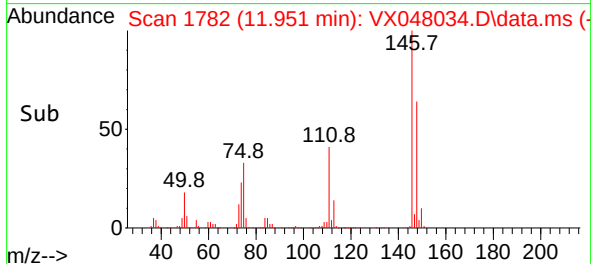
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



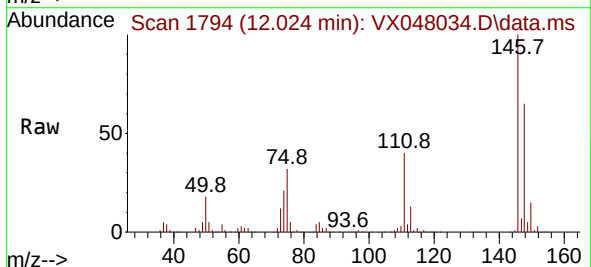
Tgt Ion:146 Resp: 17704
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 64.0 32.0 96.0

Manual Integrations
APPROVED

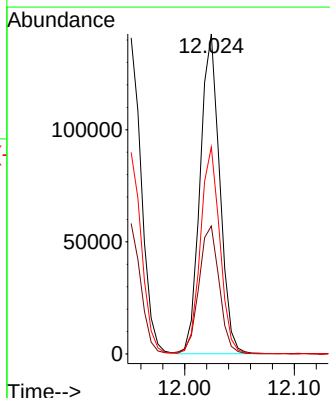
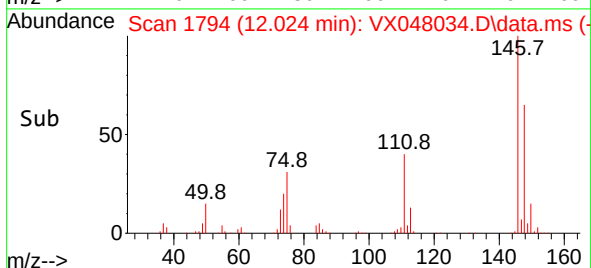
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

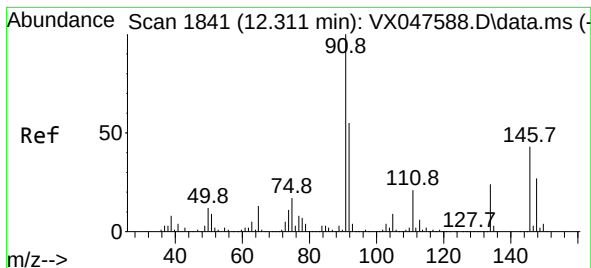


#88
1,4-Dichlorobenzene
Concen: 50.165 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



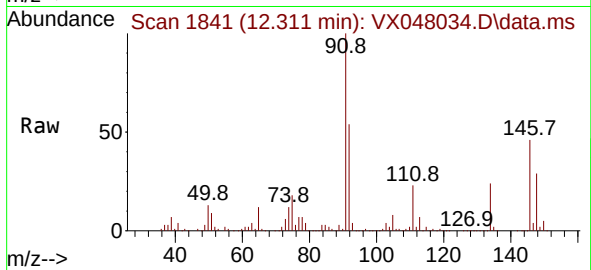
Tgt Ion:146 Resp: 176809
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 64.3 31.7 95.1





#89
n-Butylbenzene
Concen: 48.955 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

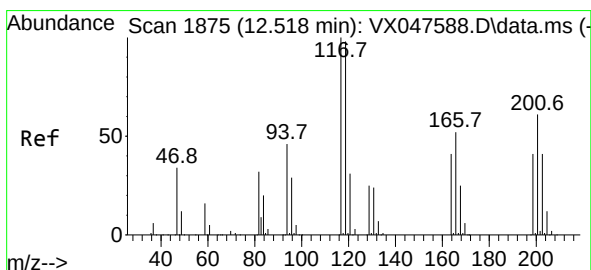
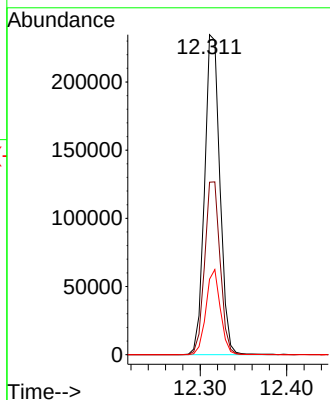
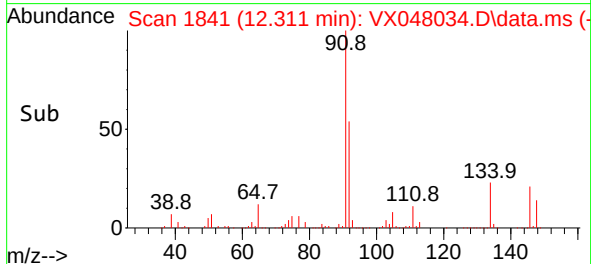
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 287592
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.7
134 25.1 12.6 37.8

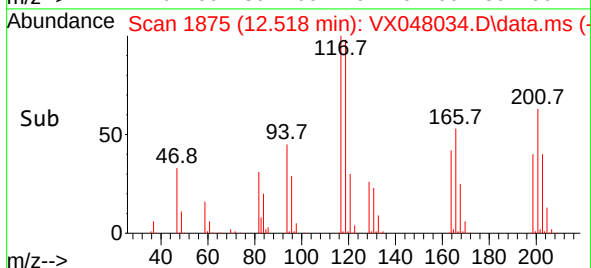
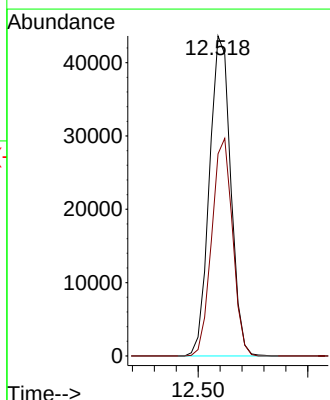
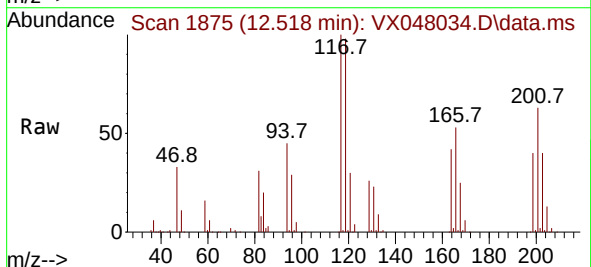
Manual Integrations
APPROVED

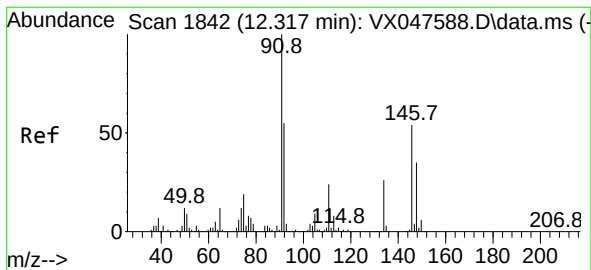
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#90
Hexachloroethane
Concen: 52.716 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

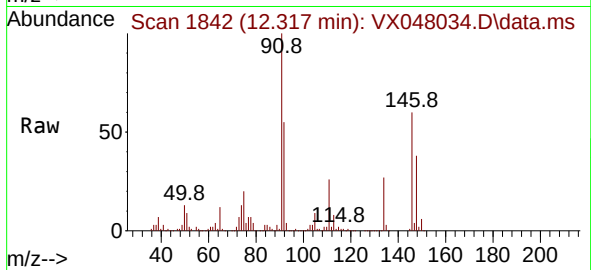
Tgt Ion:117 Resp: 58760
Ion Ratio Lower Upper
117 100
201 66.6 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 52.603 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

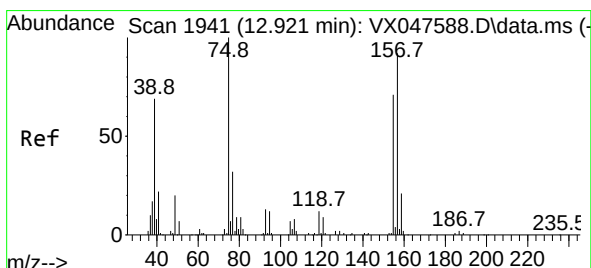
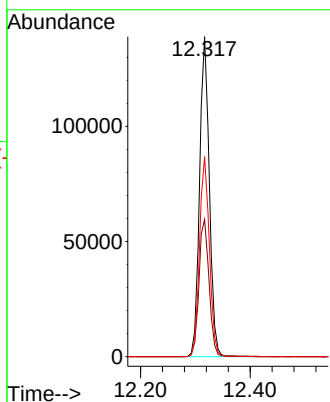
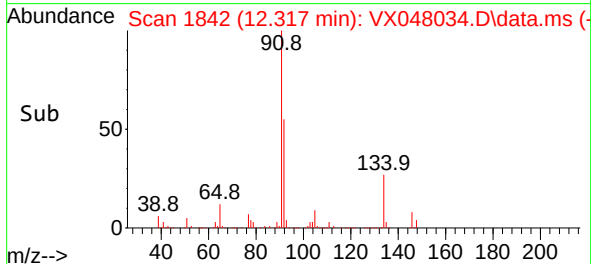
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



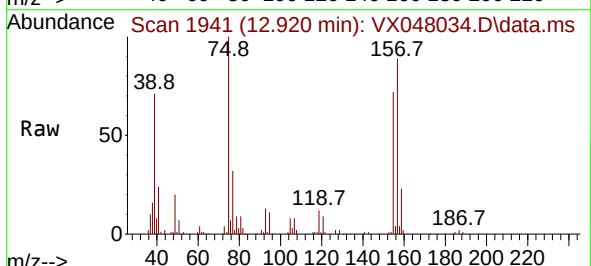
Tgt Ion:146 Resp: 17210
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 63.0 31.8 95.4

Manual Integrations
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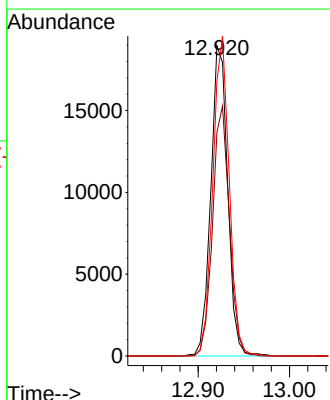
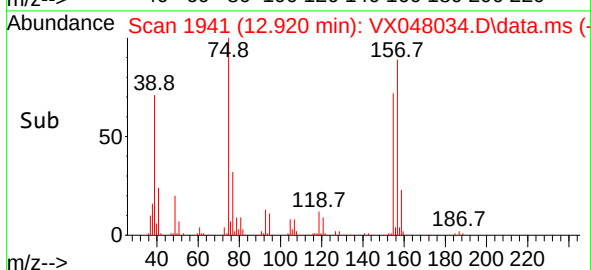
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

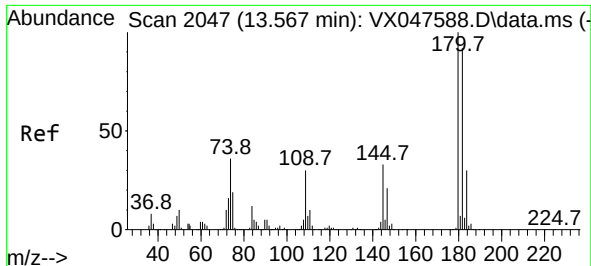


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.920 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



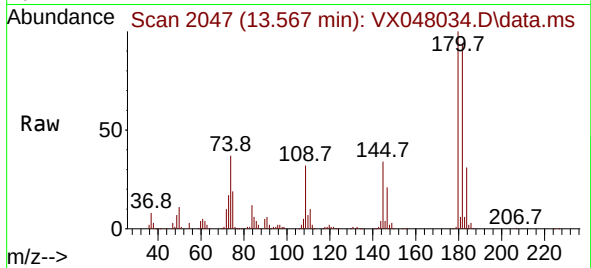
Tgt Ion: 75 Resp: 24334
Ion Ratio Lower Upper
75 100
155 79.9 37.7 113.1
157 100.2 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 49.462 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

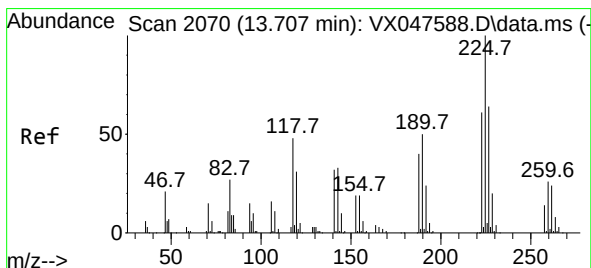
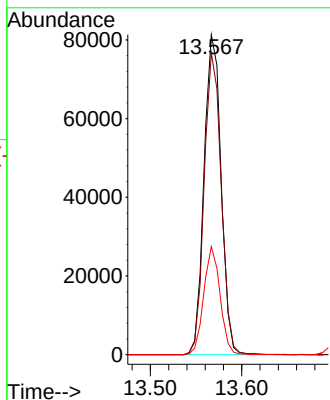
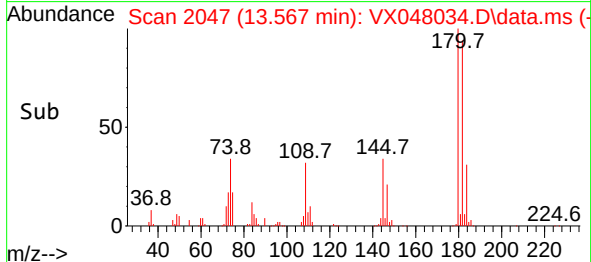
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



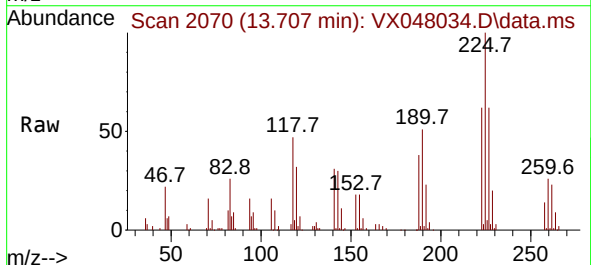
Tgt Ion:180 Resp: 105172
Ion Ratio Lower Upper
180 100
182 94.0 46.6 139.8
145 32.4 16.4 49.1

Manual Integrations
APPROVED

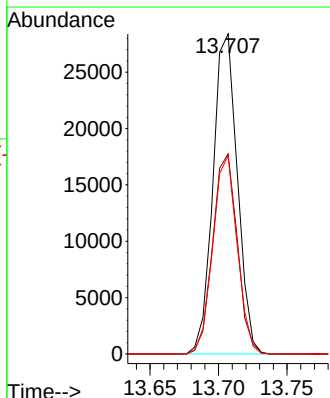
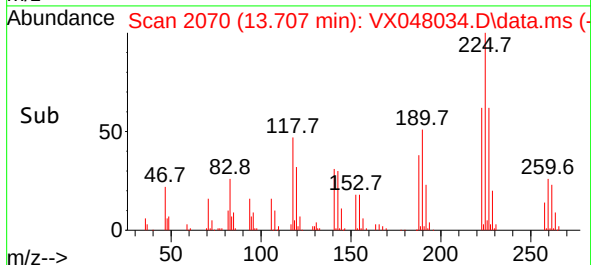
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

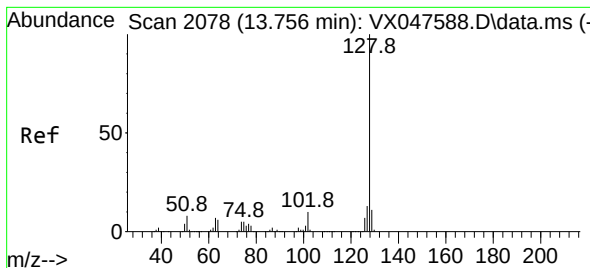


#94
Hexachlorobutadiene
Concen: 48.654 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



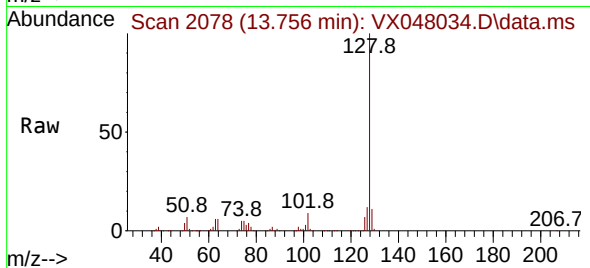
Tgt Ion:225 Resp: 35140
Ion Ratio Lower Upper
225 100
223 63.0 31.7 95.1
227 61.5 32.0 96.0





#95
Naphthalene
Concen: 52.177 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38

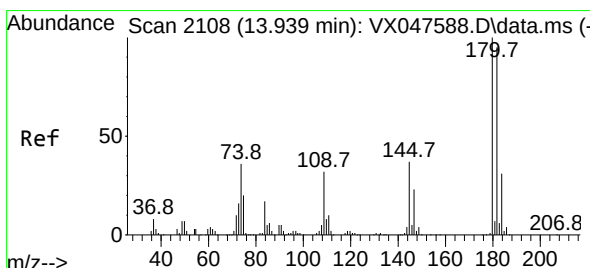
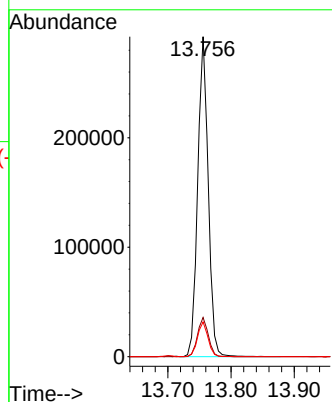
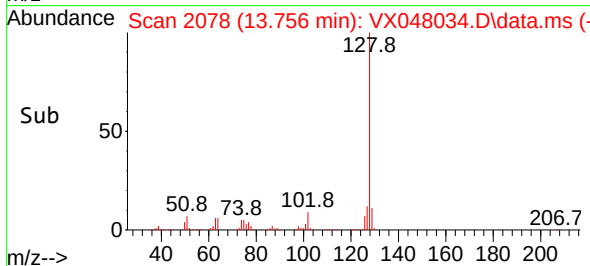
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



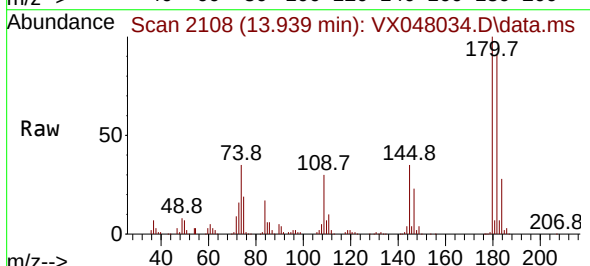
Tgt Ion:128 Resp: 33783
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.743 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048034.D
Acq: 06 Oct 2025 18:38



Tgt Ion:180 Resp: 102344
Ion Ratio Lower Upper
180 100
182 92.0 47.6 142.8
145 34.1 17.9 53.7

