

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047894.D
 Acq On : 29 Sep 2025 18:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 30 01:26:11 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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	141754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	256996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113890	50.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.940%			
35) Dibromofluoromethane	5.379	113	89329	51.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.634	98	300072	50.315	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.061	95	114868	50.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.178	85	82921	56.490	ug/l	98
3) Chloromethane	1.300	50	98786	51.206	ug/l	99
4) Vinyl Chloride	1.380	62	102586	54.322	ug/l	98
5) Bromomethane	1.617	94	64989	54.270	ug/l	97
6) Chloroethane	1.697	64	67958	53.841	ug/l	98
7) Trichlorofluoromethane	1.898	101	150252	53.585	ug/l	97
8) Diethyl Ether	2.136	74	60575	52.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	87751	53.520	ug/l	99
10) Methyl Iodide	2.459	142	117956	46.129	ug/l	99
11) Tert butyl alcohol	2.946	59	61349	244.127	ug/l	100
12) 1,1-Dichloroethene	2.325	96	88942	52.810	ug/l	98
13) Acrolein	2.239	56	58194	251.295	ug/l	99
14) Allyl chloride	2.666	41	170065	48.934	ug/l	96
15) Acrylonitrile	3.062	53	270465	290.564	ug/l	98
16) Acetone	2.380	43	210611	214.674	ug/l	96
17) Carbon Disulfide	2.520	76	234301	50.818	ug/l	99
18) Methyl Acetate	2.703	43	136014	62.295	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	324624	52.801	ug/l	99
20) Methylene Chloride	2.788	84	110575	53.246	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	95790	52.828	ug/l	97
22) Diisopropyl ether	3.751	45	360539	53.529	ug/l #	79
23) Vinyl Acetate	3.715	43	1435645	266.323	ug/l	99
24) 1,1-Dichloroethane	3.611	63	191596	53.520	ug/l	99
25) 2-Butanone	4.544	43	322082	263.189	ug/l	99
26) 2,2-Dichloropropane	4.471	77	113858	38.261	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	118553	53.388	ug/l	95
28) Bromochloromethane	4.891	49	85236	54.538	ug/l	99
29) Tetrahydrofuran	4.995	42	204612	277.934	ug/l	99
30) Chloroform	5.086	83	197448	54.580	ug/l	100
31) Cyclohexane	5.464	56	141936	47.604	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	161369	52.589	ug/l	100
36) 1,1-Dichloropropene	5.684	75	122842	48.775	ug/l	98
37) Ethyl Acetate	4.702	43	139441	51.710	ug/l	98
38) Carbon Tetrachloride	5.665	117	137555	50.268	ug/l	97
39) Methylcyclohexane	7.366	83	134800	47.152	ug/l	97
40) Benzene	6.025	78	396956	51.894	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74620	53.601	ug/l	99
42) 1,2-Dichloroethane	6.074	62	147288	50.606	ug/l	98
43) Isopropyl Acetate	6.324	43	224358	50.730	ug/l	99
44) Trichloroethene	7.110	130	95061	51.403	ug/l	99
45) 1,2-Dichloropropane	7.415	63	103926	53.058	ug/l	98
46) Dibromomethane	7.568	93	75055	52.657	ug/l	98
47) Bromodichloromethane	7.805	83	155440	52.847	ug/l	98
48) Methyl methacrylate	7.677	41	116118	52.710	ug/l	97
49) 1,4-Dioxane	7.653	88	27191	1221.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	679506	277.112	ug/l	100
52) Toluene	8.702	92	241599	51.265	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	147217	49.069	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	159099	49.614	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	97671	53.747	ug/l	98
56) Ethyl methacrylate	9.104	69	152310	53.369	ug/l	97
57) 1,3-Dichloropropane	9.293	76	168581	54.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	376121	274.070	ug/l	100
59) 2-Hexanone	9.415	43	465582	264.369	ug/l	98
60) Dibromochloromethane	9.506	129	114768	54.812	ug/l	99
61) 1,2-Dibromoethane	9.592	107	101423	54.796	ug/l	100
64) Tetrachloroethene	9.256	164	75672	50.266	ug/l	98
65) Chlorobenzene	10.061	112	268830	51.242	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	95467	52.734	ug/l	99
67) Ethyl Benzene	10.177	91	453059	50.050	ug/l	99
68) m/p-Xylenes	10.287	106	343431	101.931	ug/l	97
69) o-Xylene	10.628	106	166251	51.015	ug/l	99
70) Styrene	10.640	104	296064	51.849	ug/l	98
71) Bromoform	10.780	173	73079	54.061	ug/l #	98
73) Isopropylbenzene	10.945	105	421544	47.432	ug/l	99
74) N-amyl acetate	10.829	43	194666	48.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	139335	51.820	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	122245m	51.650	ug/l	
77) Bromobenzene	11.183	156	106374	48.598	ug/l	97
78) n-propylbenzene	11.286	91	500518	47.642	ug/l	100
79) 2-Chlorotoluene	11.347	91	303228	47.125	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	348489	47.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	40190	43.303	ug/l	98
82) 4-Chlorotoluene	11.439	91	360882	47.487	ug/l	99
83) tert-Butylbenzene	11.695	119	347894	46.544	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	353530	47.757	ug/l	100
85) sec-Butylbenzene	11.872	105	416252	46.884	ug/l	100
86) p-Isopropyltoluene	11.994	119	350486	46.630	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	193973	47.710	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	197037	47.220	ug/l	99
89) n-Butylbenzene	12.317	91	319474	45.935	ug/l	98
90) Hexachloroethane	12.518	117	62717	47.526	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	187886	48.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26226	48.175	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	113275	44.998	ug/l	97
94) Hexachlorobutadiene	13.707	225	37447	43.795	ug/l	98
95) Naphthalene	13.756	128	370931	48.390	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	109453	46.742	ug/l	98

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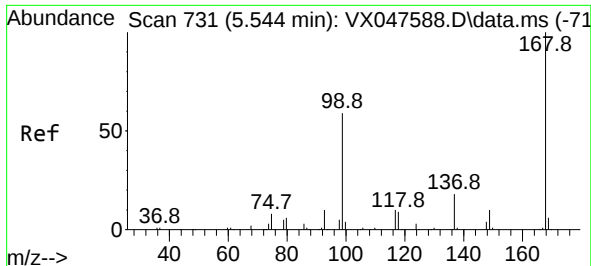
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

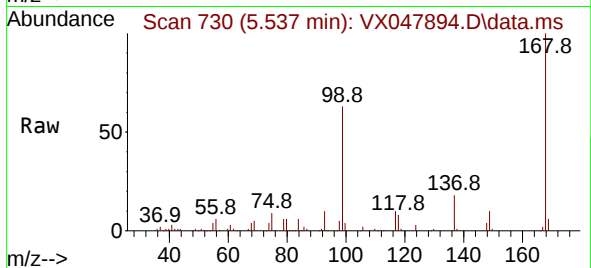
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047894.D
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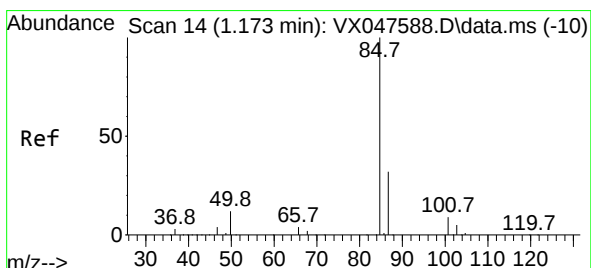
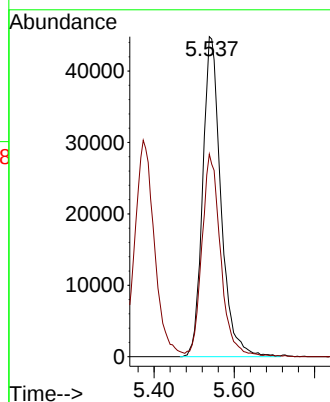
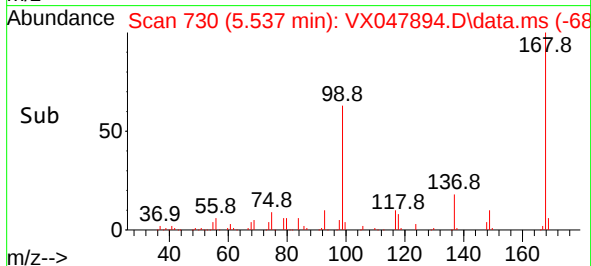
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 141754
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2

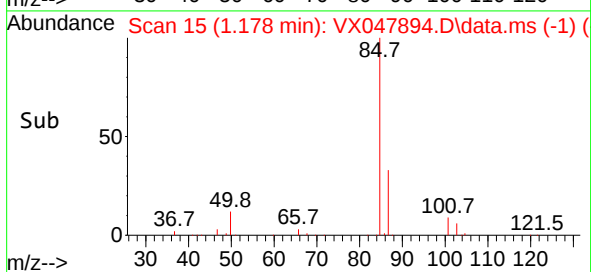
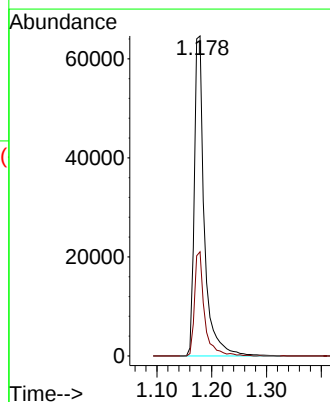
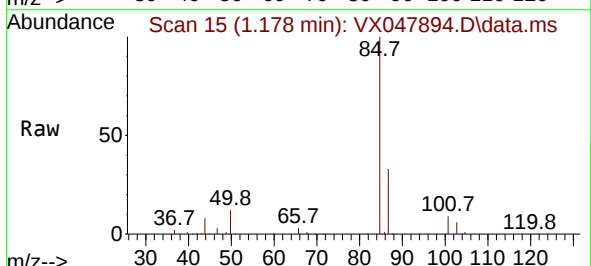
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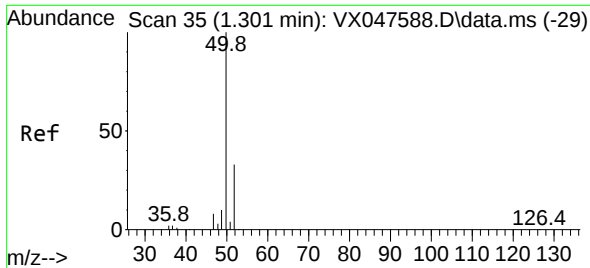
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#2
Dichlorodifluoromethane
Concen: 56.490 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

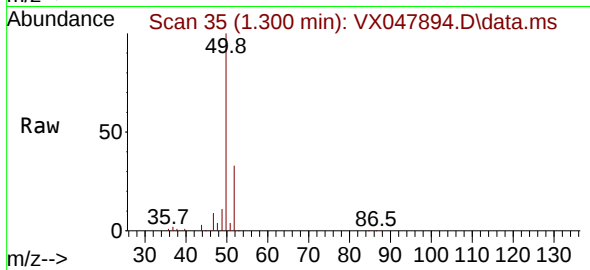
Tgt Ion: 85 Resp: 82921
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





#3
Chloromethane
Concen: 51.206 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

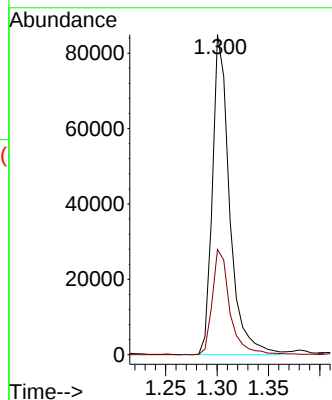
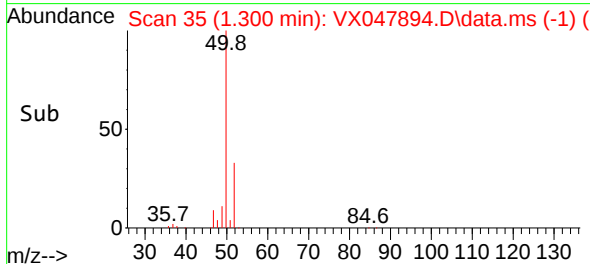
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 98786
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

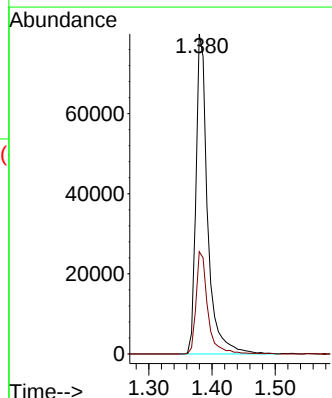
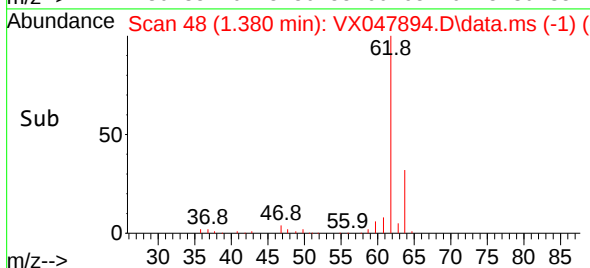
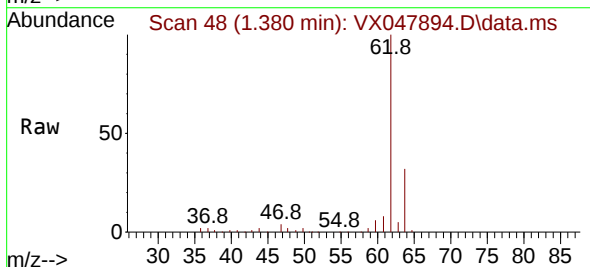
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#4
Vinyl Chloride
Concen: 54.322 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

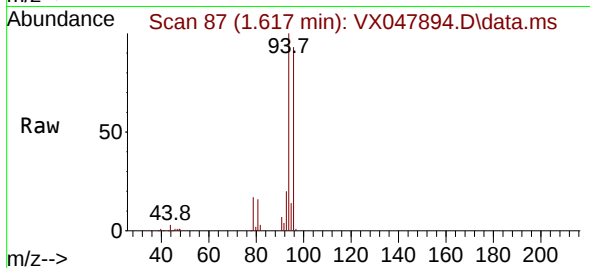
Tgt Ion: 62 Resp: 102586
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





#5
Bromomethane
Concen: 54.270 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

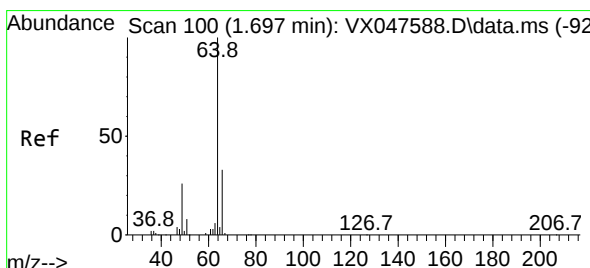
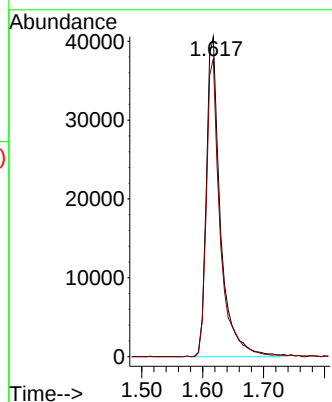
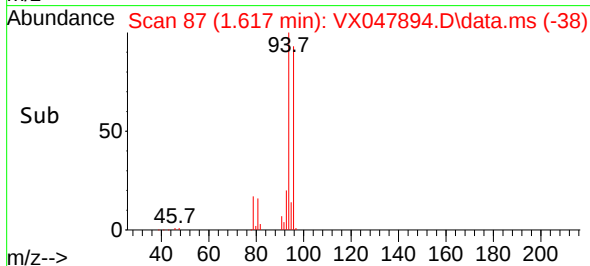
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 64989
Ion Ratio Lower Upper
94 100
96 93.1 76.6 115.0

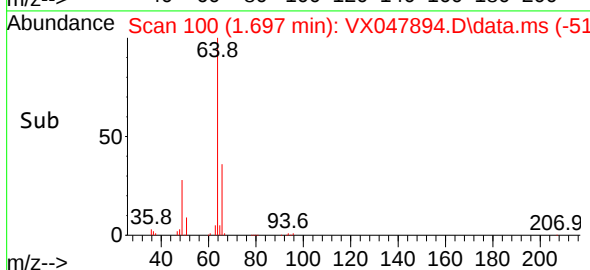
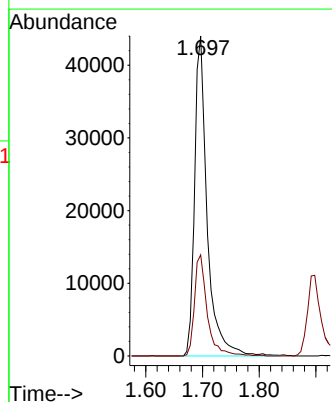
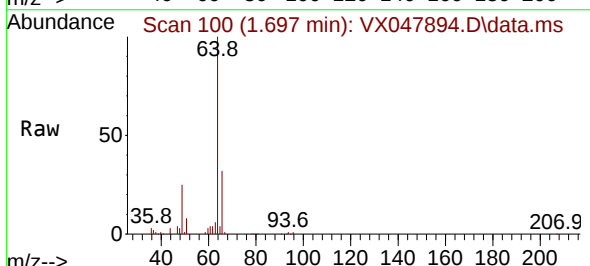
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#6
Chloroethane
Concen: 53.841 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

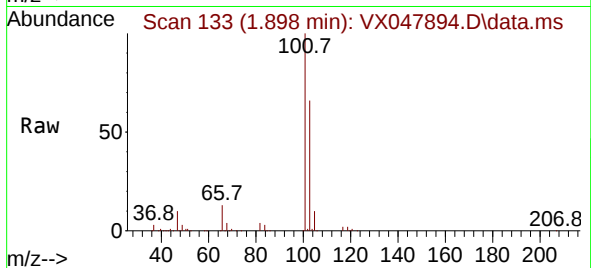
Tgt Ion: 64 Resp: 67958
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 53.585 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047894.D
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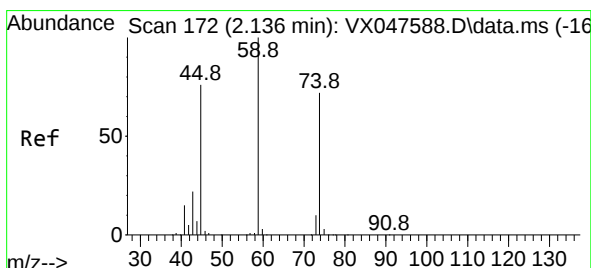
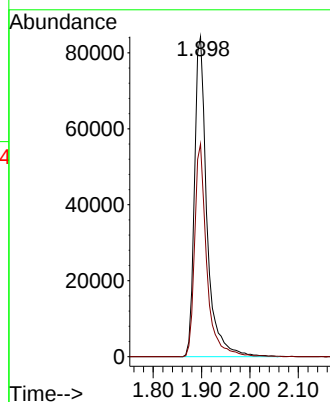
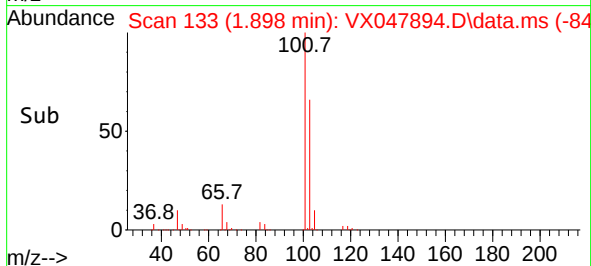
Instrument :
 MSVOA_X
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 VSTDCCC050EC



Tgt Ion:101 Resp: 15025
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.4 77.2

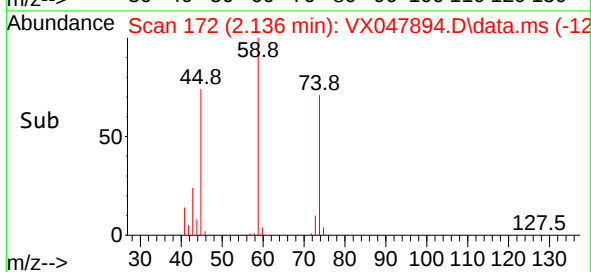
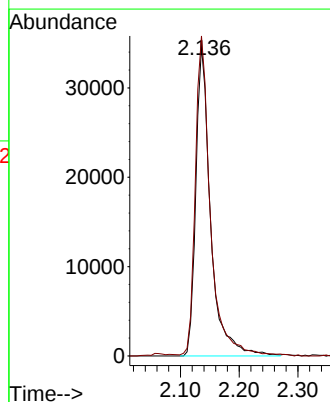
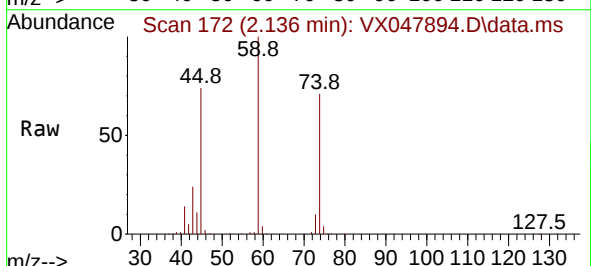
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#8
 Diethyl Ether
 Concen: 52.810 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047894.D
 Acq: 29 Sep 2025 18:49

Tgt Ion: 74 Resp: 60575
 Ion Ratio Lower Upper
 74 100
 45 106.1 52.3 156.8





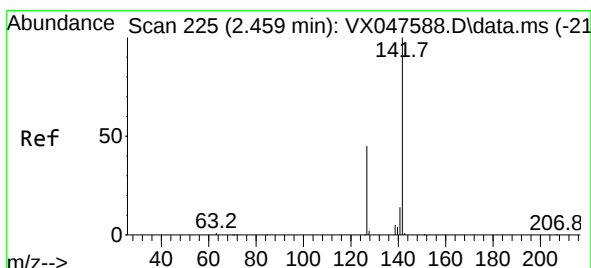
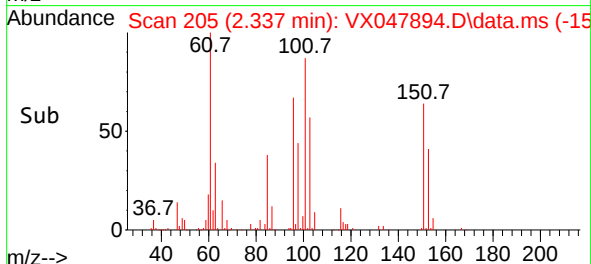
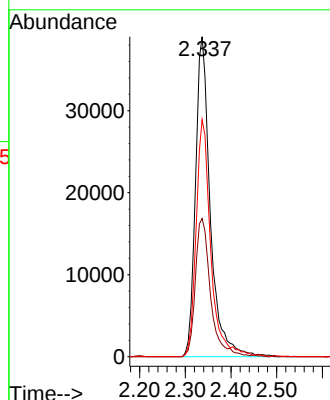
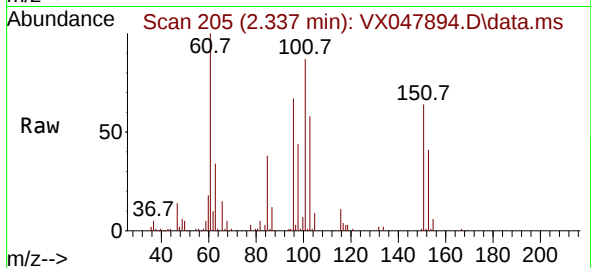
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.520 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047894.D
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Tgt Ion:101 Resp: 8775
Ion Ratio Lower Upper
101 100
85 44.6 35.5 53.3
151 73.3 59.4 89.0

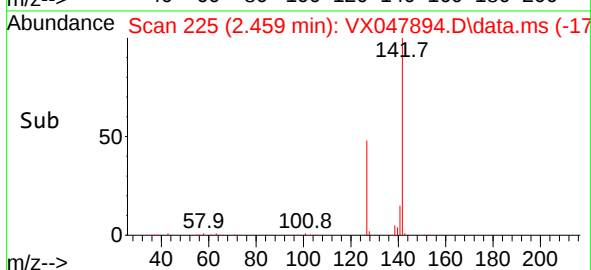
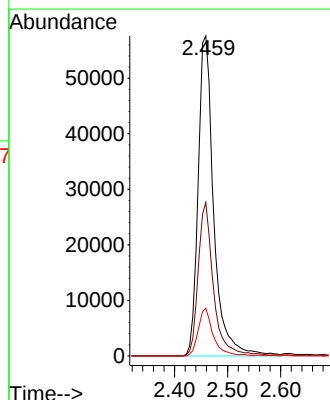
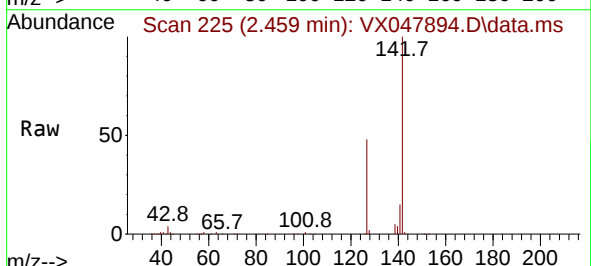
Manual Integrations
APPROVED

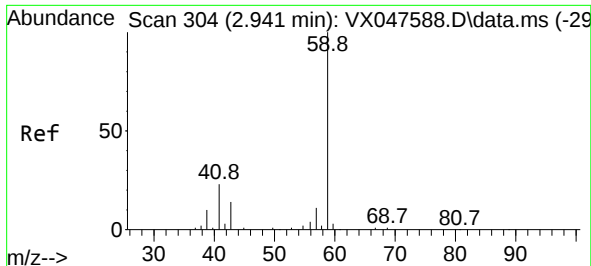
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 46.129 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

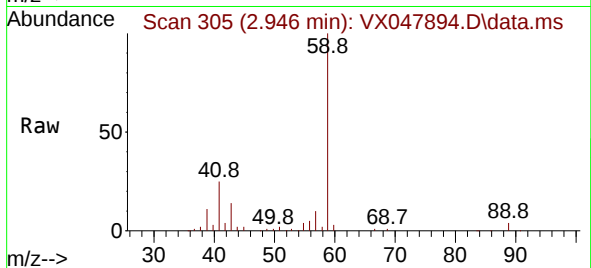
Tgt Ion:142 Resp: 117956
Ion Ratio Lower Upper
142 100
127 46.9 37.2 55.8
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.127 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

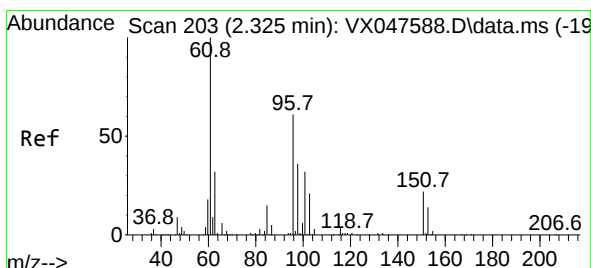
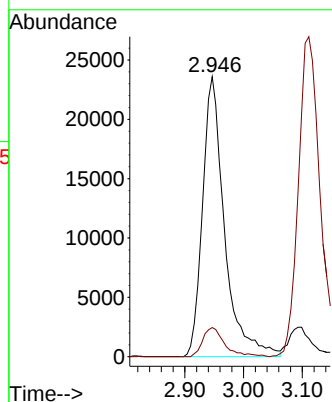
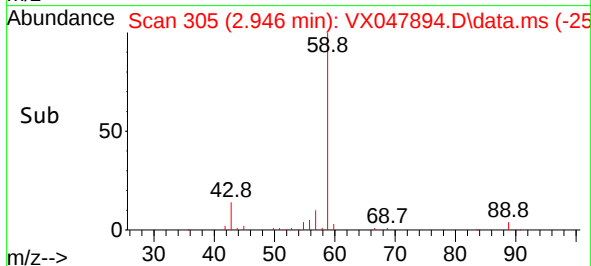
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



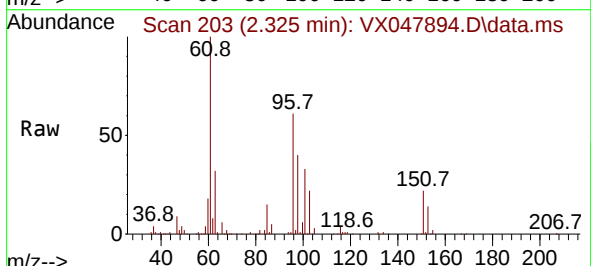
Tgt Ion: 59 Resp: 61349
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

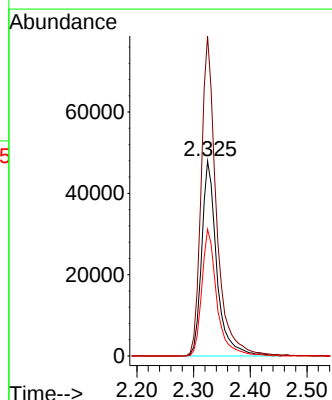
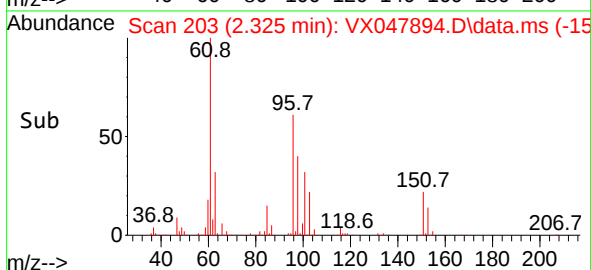
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

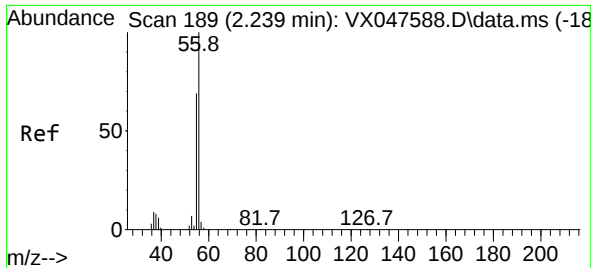


#12
1,1-Dichloroethene
Concen: 52.810 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



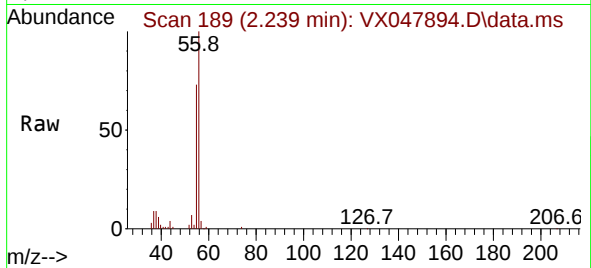
Tgt Ion: 96 Resp: 88942
Ion Ratio Lower Upper
96 100
61 164.2 131.0 196.6
98 65.0 47.7 71.5





#13
Acrolein
Concen: 251.295 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

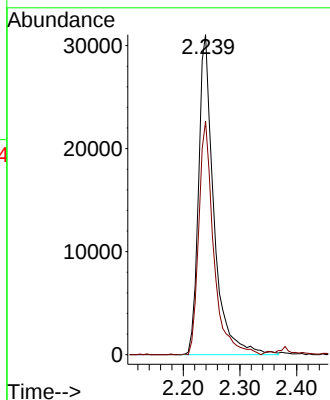
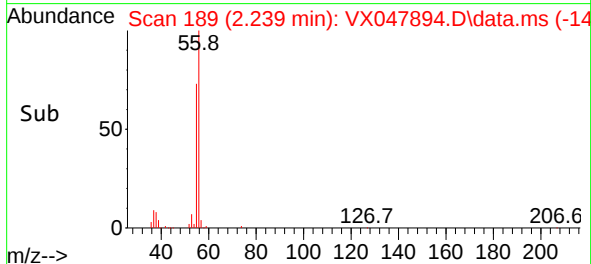
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 58194
Ion Ratio Lower Upper
56 100
55 71.0 57.2 85.8

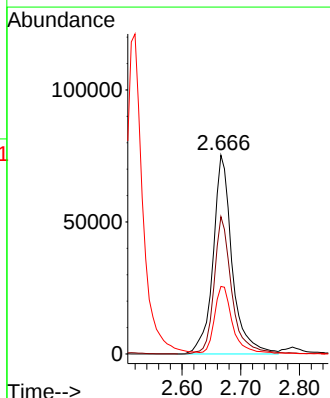
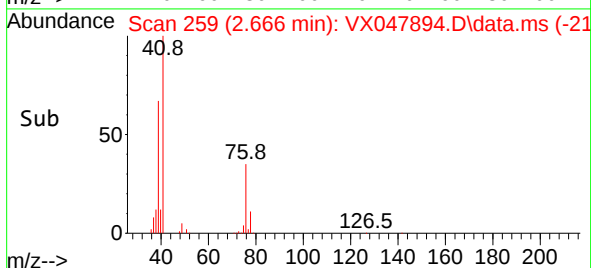
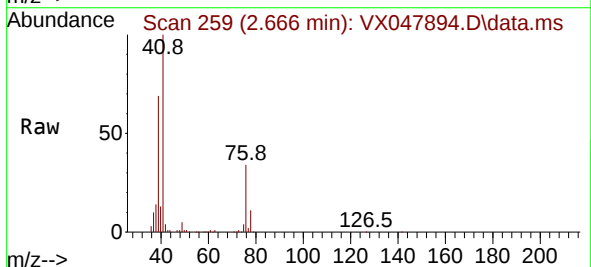
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#14
Allyl chloride
Concen: 48.934 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

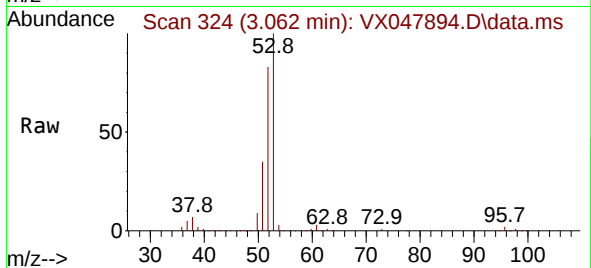
Tgt Ion: 41 Resp: 170065
Ion Ratio Lower Upper
41 100
39 64.3 54.7 82.1
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 290.564 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

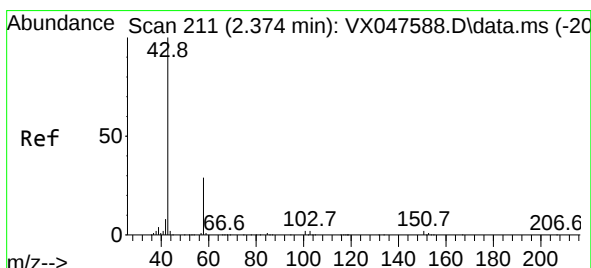
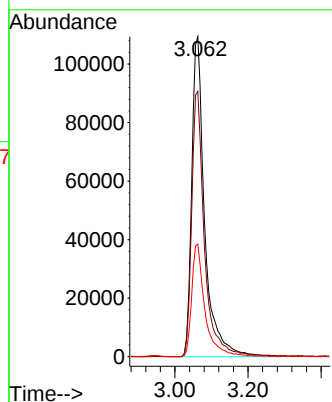
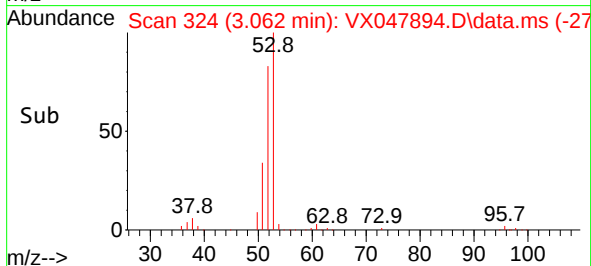
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 27046
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 35.9 29.5 44.3

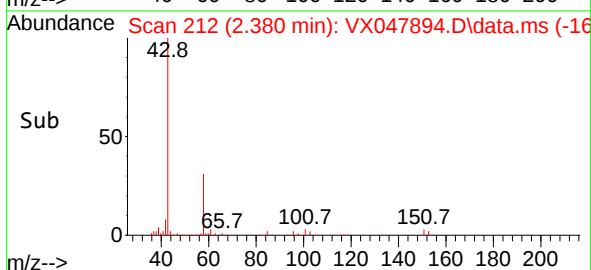
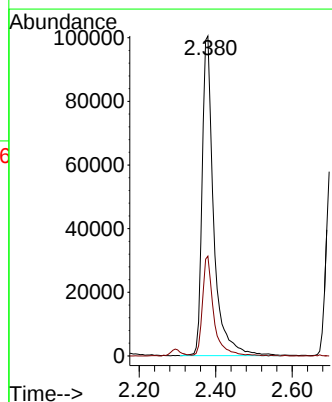
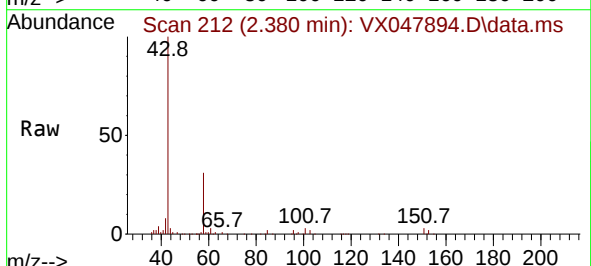
Manual Integrations
APPROVED

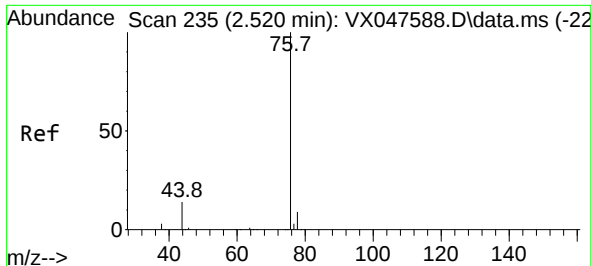
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 214.674 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

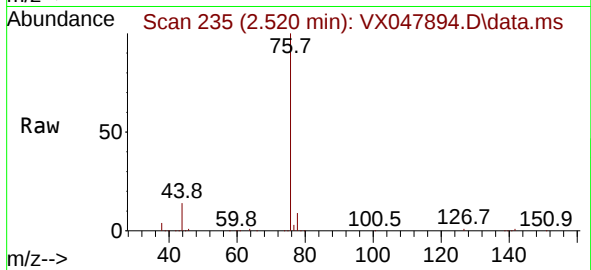
Tgt Ion: 43 Resp: 210611
Ion Ratio Lower Upper
43 100
58 31.2 23.4 35.0





#17
Carbon Disulfide
Concen: 50.818 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

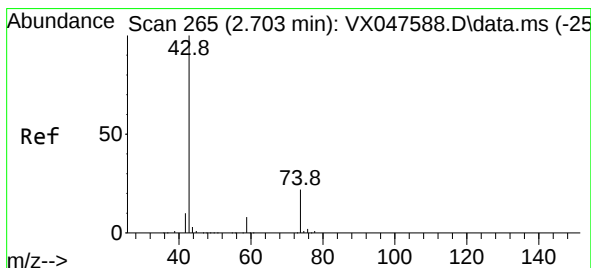
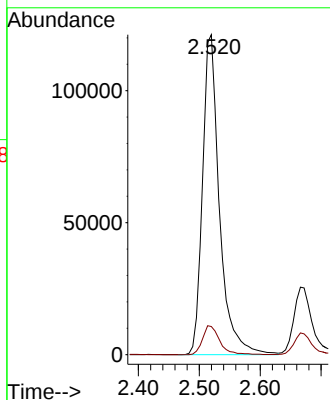
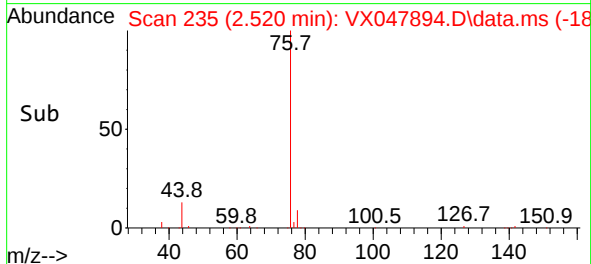
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 23430
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

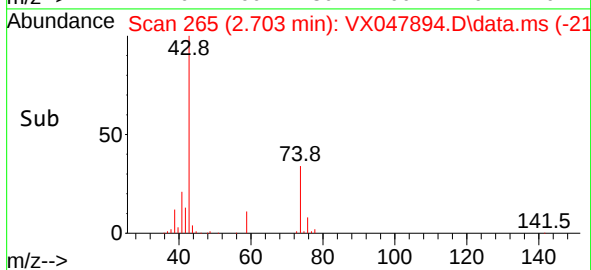
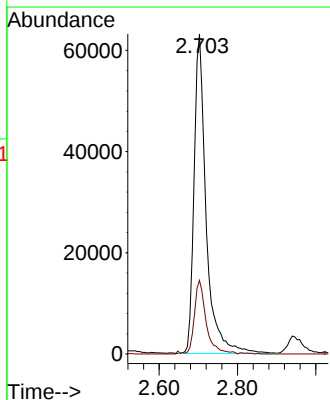
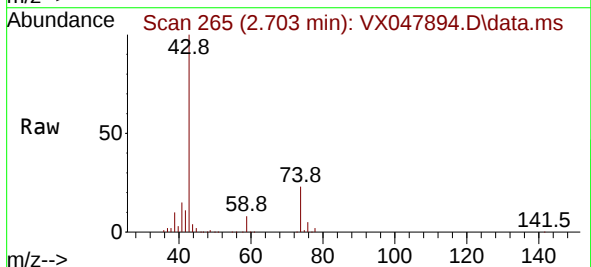
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 62.295 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

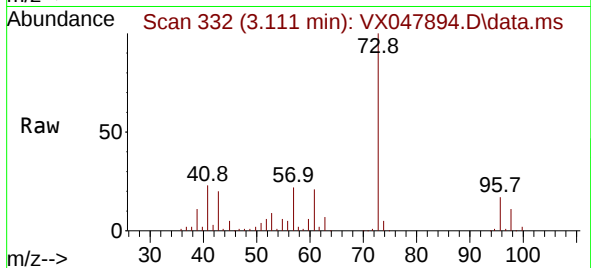
Tgt Ion: 43 Resp: 136014
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 52.801 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

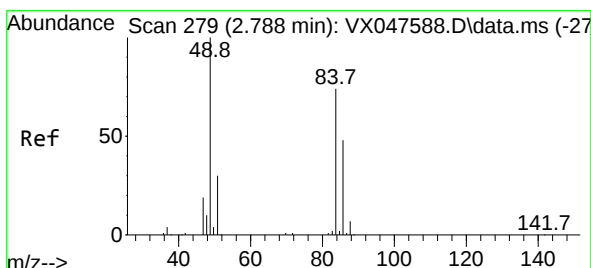
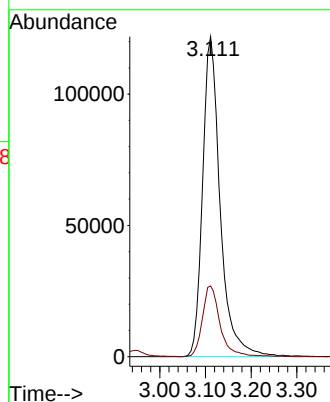
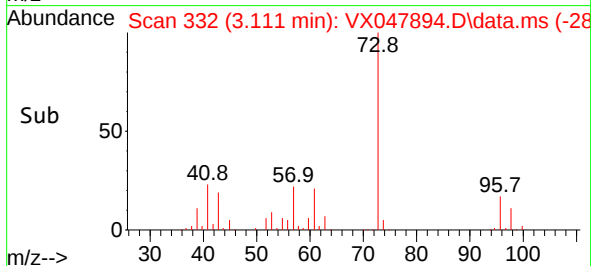
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 324624
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2

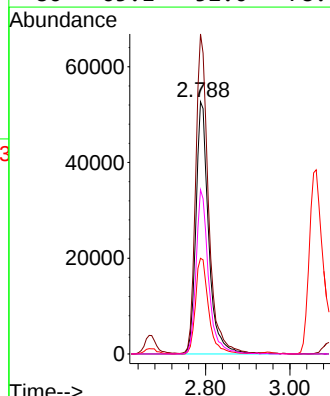
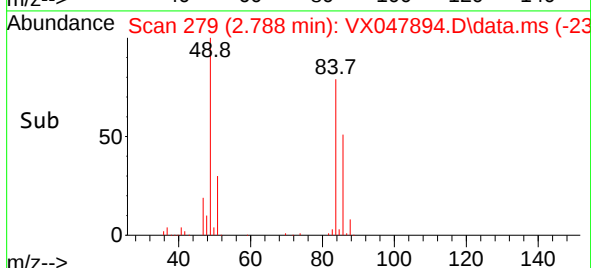
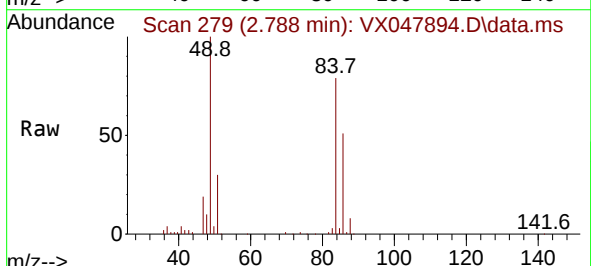
Manual Integrations
APPROVED

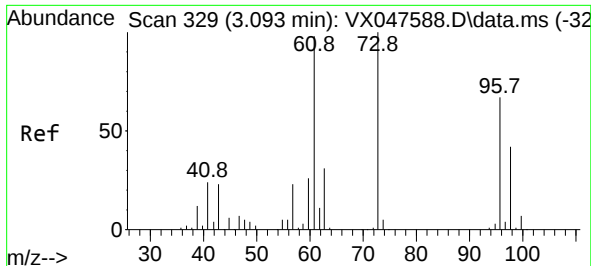
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 53.246 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

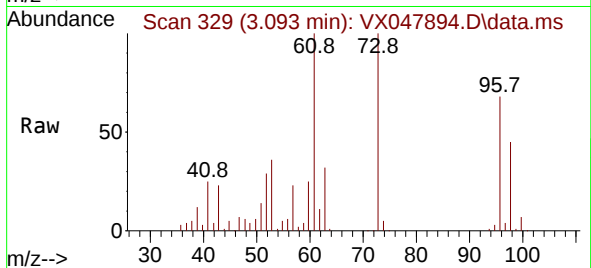
Tgt Ion: 84 Resp: 110575
Ion Ratio Lower Upper
84 100
49 126.7 108.6 162.8
51 37.8 32.6 48.8
86 65.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 52.828 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

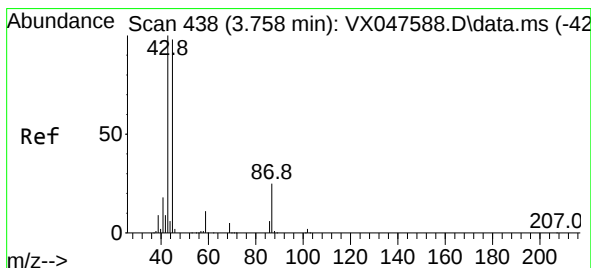
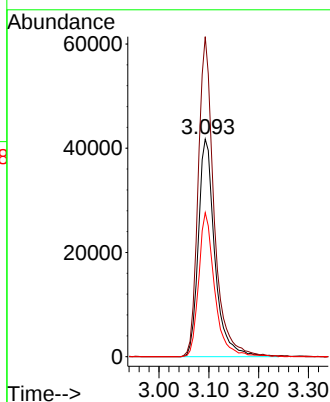
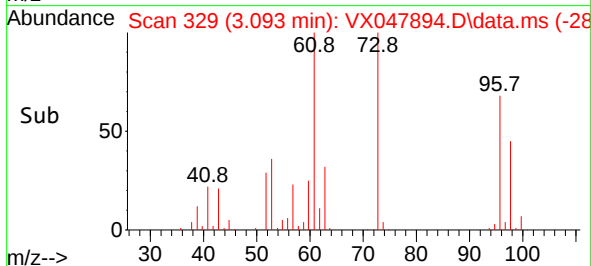
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 95790
Ion Ratio Lower Upper
96 100
61 147.1 116.2 174.2
98 66.2 49.3 73.9

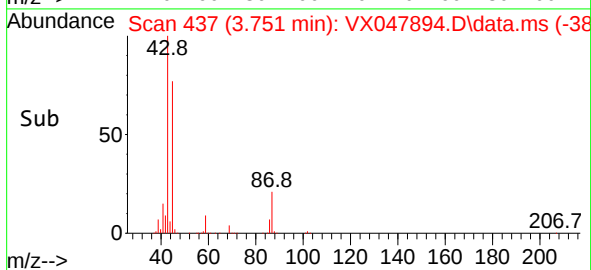
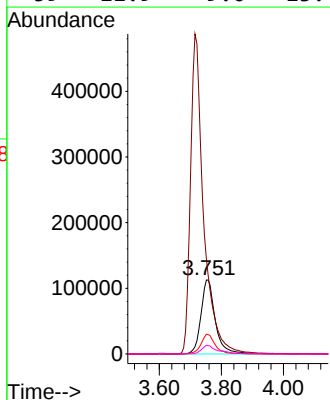
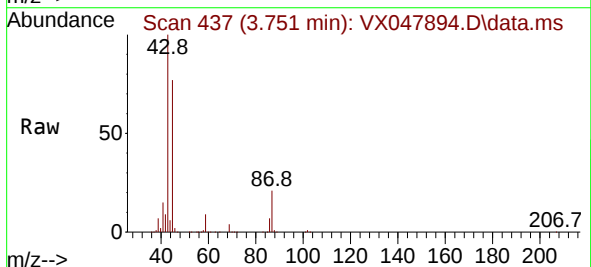
Manual Integrations
APPROVED

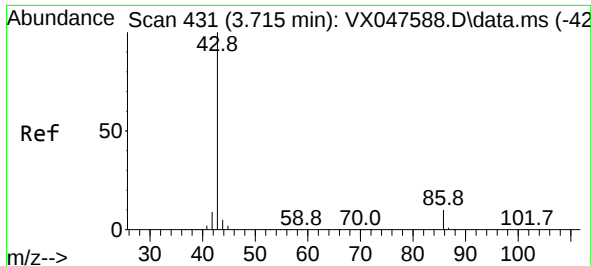
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 53.529 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

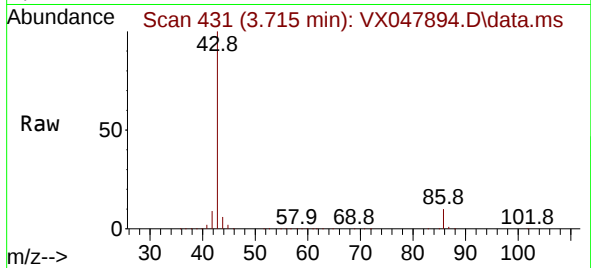
Tgt Ion: 45 Resp: 360539
Ion Ratio Lower Upper
45 100
43 129.1 81.0 121.4#
87 26.6 20.3 30.5
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 266.323 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047894.D
 Acq: 29 Sep 2025 18:49

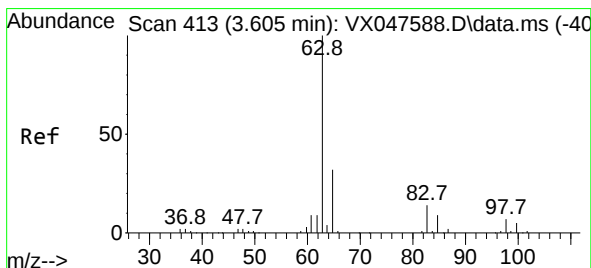
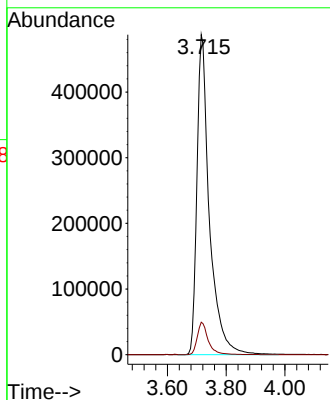
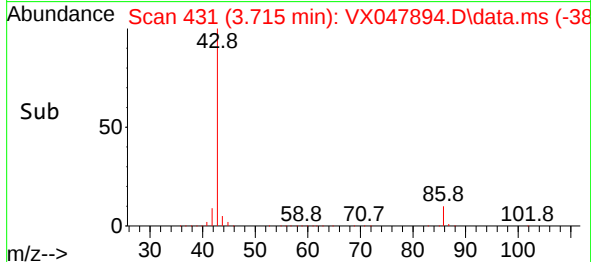
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



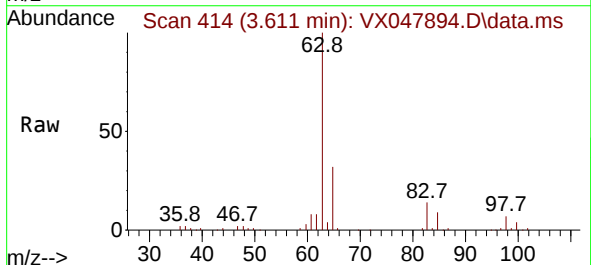
Tgt Ion: 43 Resp: 143564
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
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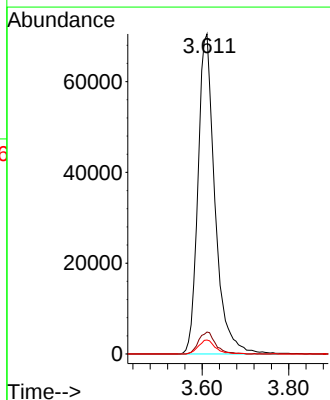
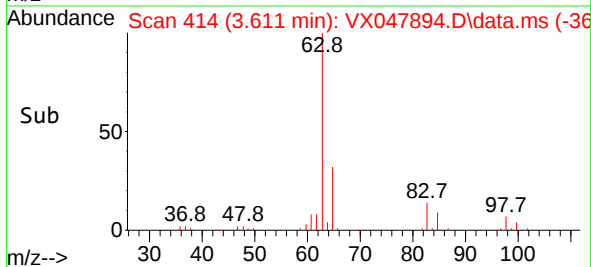
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

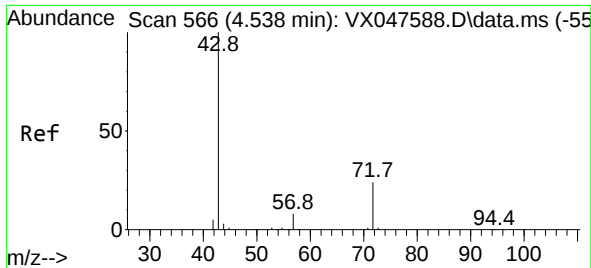


#24
 1,1-Dichloroethane
 Concen: 53.520 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047894.D
 Acq: 29 Sep 2025 18:49



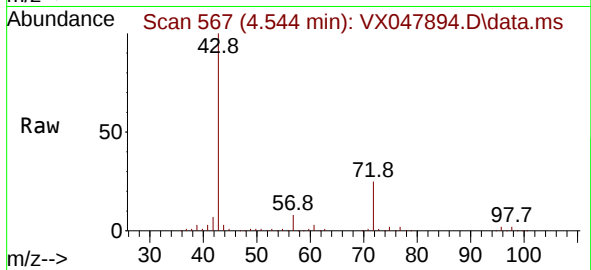
Tgt Ion: 63 Resp: 191596
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 263.189 ug/l
RT: 4.544 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

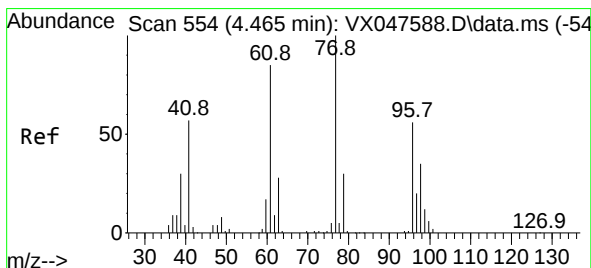
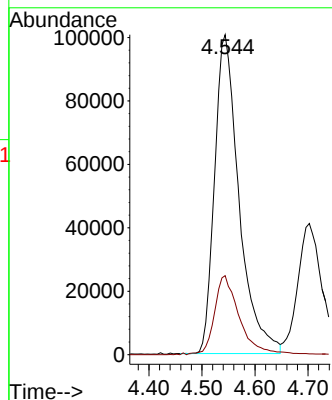
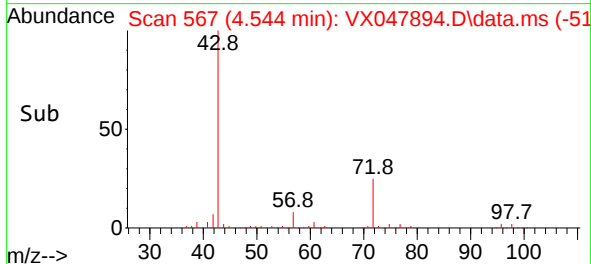
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 322082
Ion Ratio Lower Upper
43 100
72 24.6 20.1 30.1

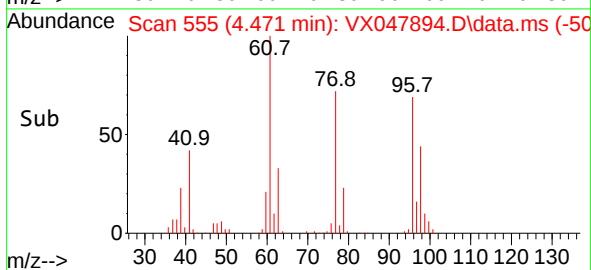
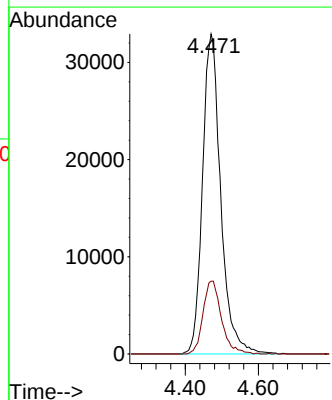
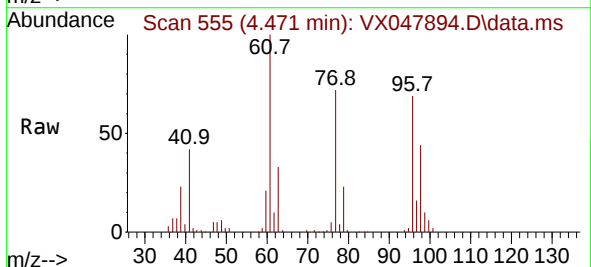
Manual Integrations
APPROVED

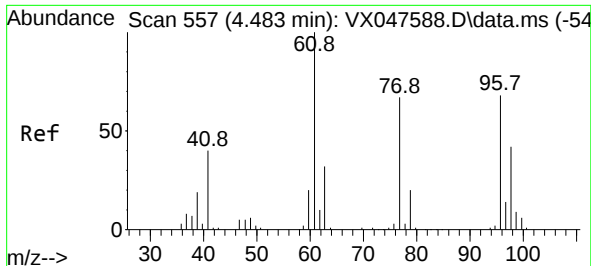
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 38.261 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion: 77 Resp: 113858
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.388 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11855

Ion Ratio Lower Upper

96 100

61 143.2 0.0 303.2

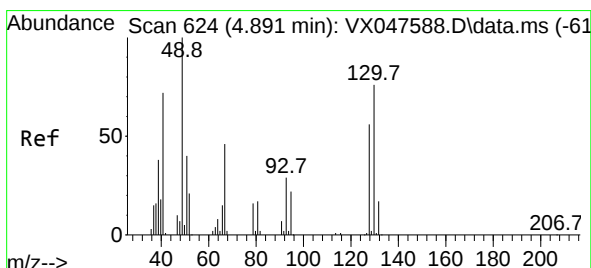
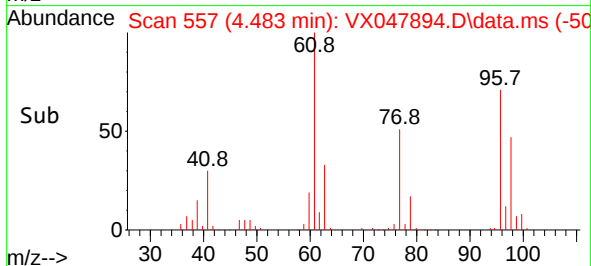
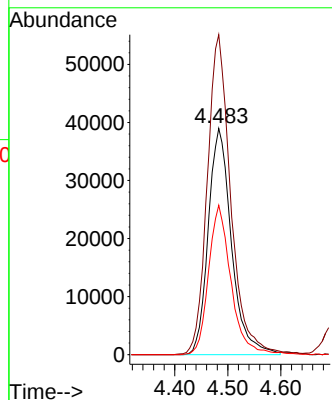
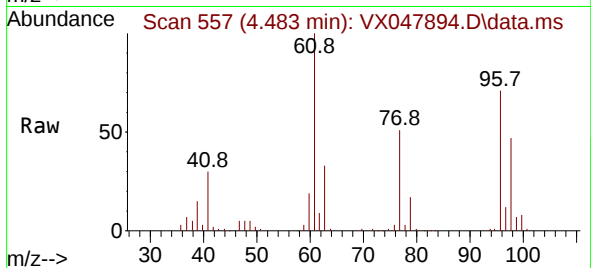
98 63.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#28

Bromochloromethane

Concen: 54.538 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

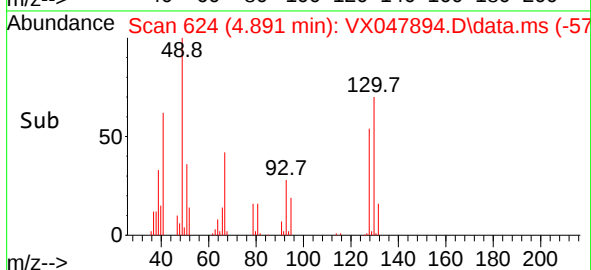
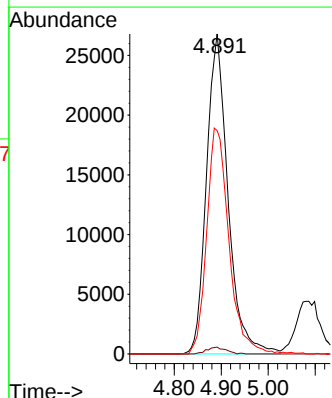
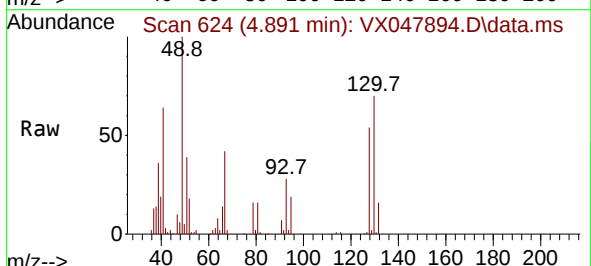
Tgt Ion: 49 Resp: 85236

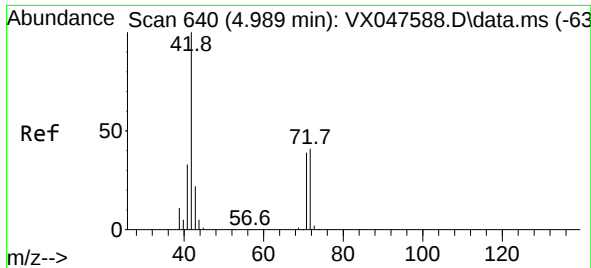
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 73.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 277.934 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 20461

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.2

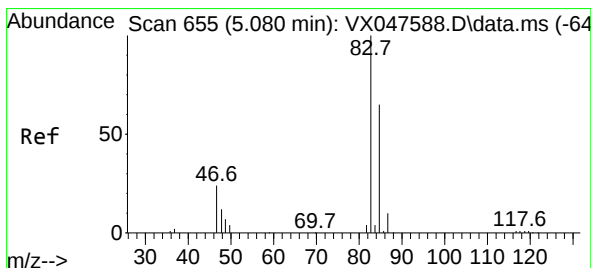
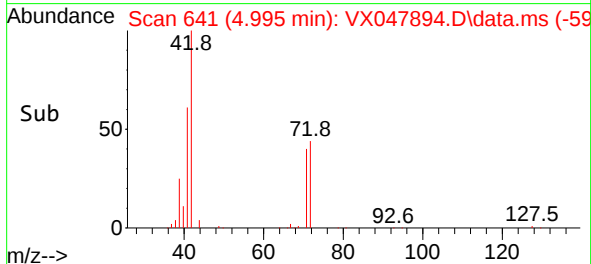
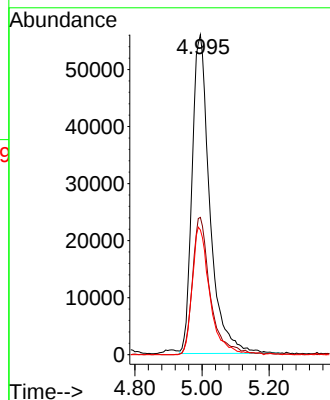
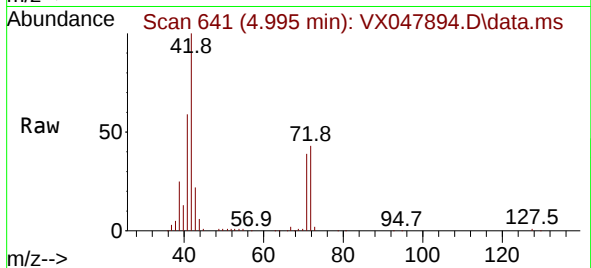
71 39.9 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 54.580 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047894.D

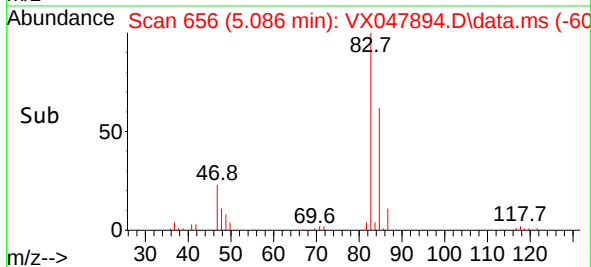
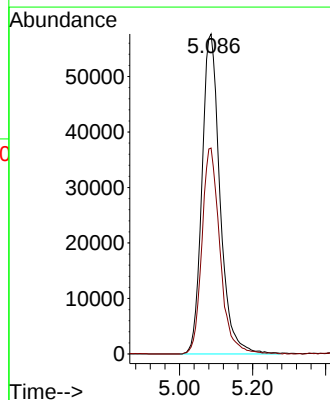
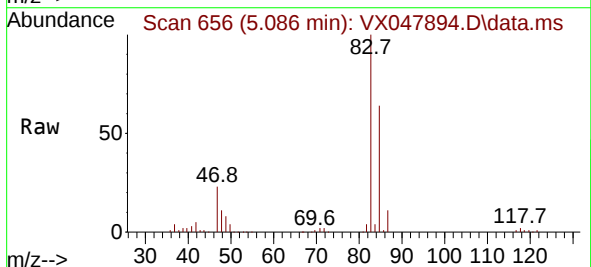
Acq: 29 Sep 2025 18:49

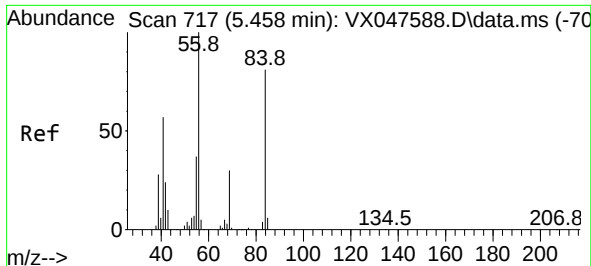
Tgt Ion: 83 Resp: 197448

Ion Ratio Lower Upper

83 100

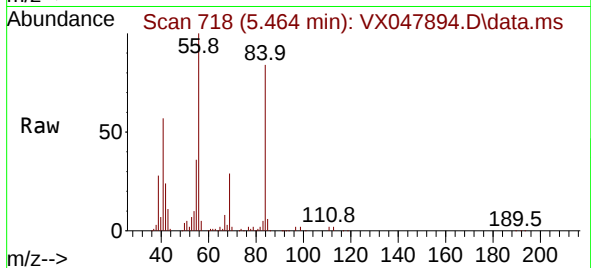
85 64.4 51.8 77.6





#31
Cyclohexane
Concen: 47.604 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

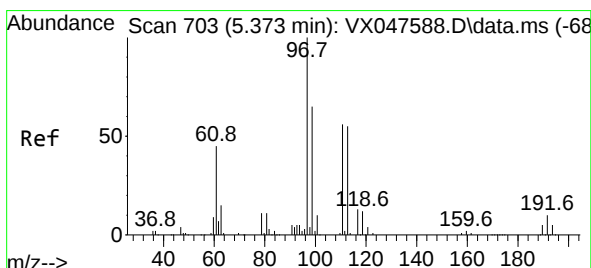
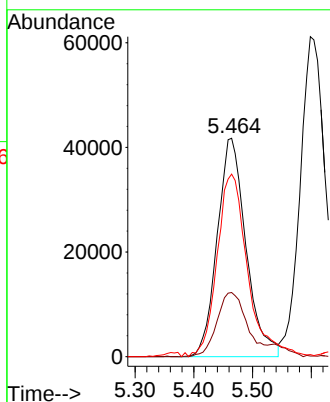
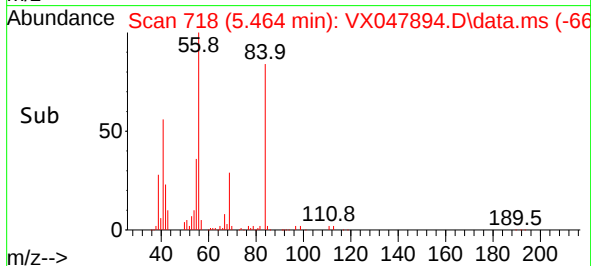
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 141930
Ion Ratio Lower Upper
56 100
69 28.9 23.8 35.8
84 81.6 64.6 97.0

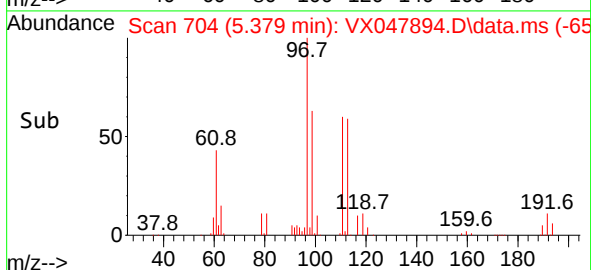
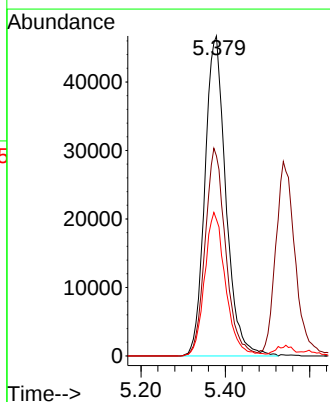
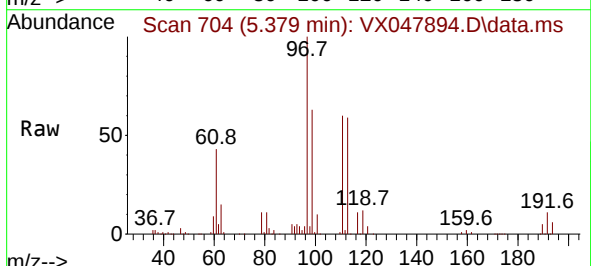
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#32
1,1,1-Trichloroethane
Concen: 52.589 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion: 97 Resp: 161369
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.475 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 113890

Ion Ratio Lower Upper

65 100

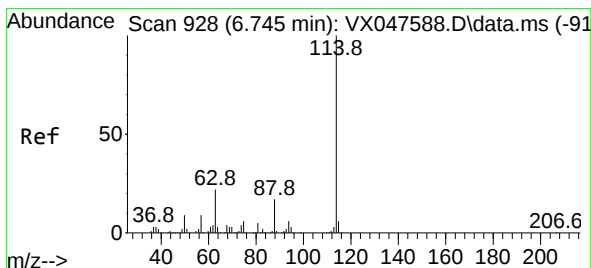
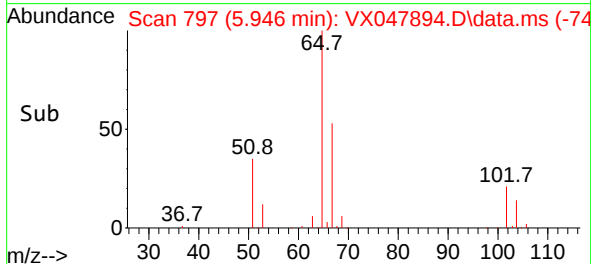
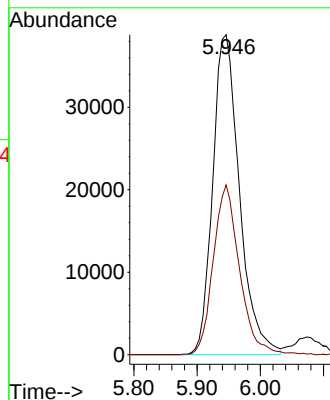
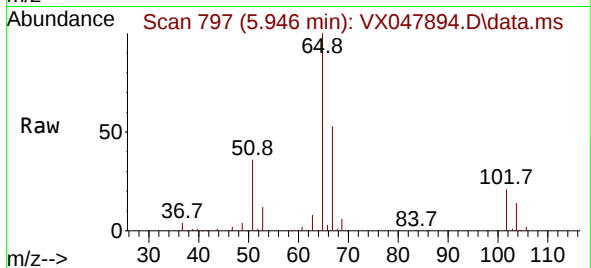
67 52.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

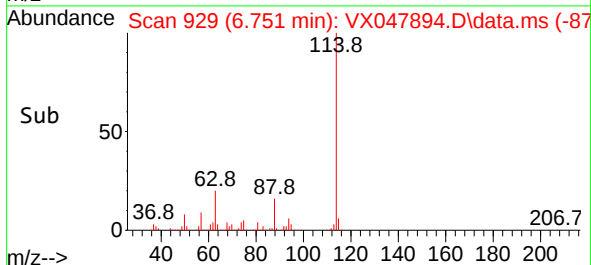
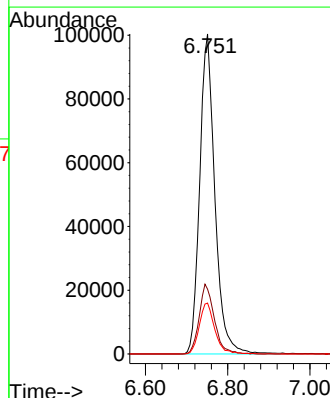
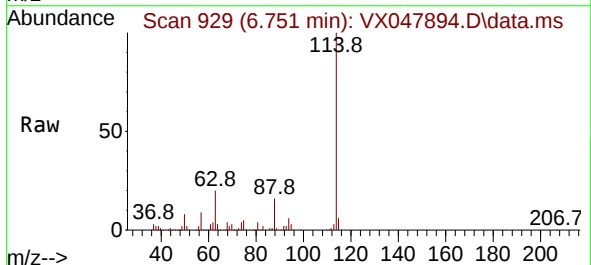
Tgt Ion:114 Resp: 256996

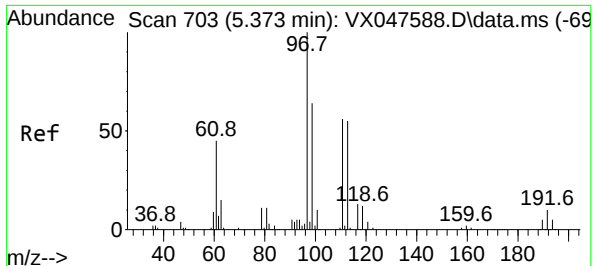
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.0

88 15.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.828 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 89329

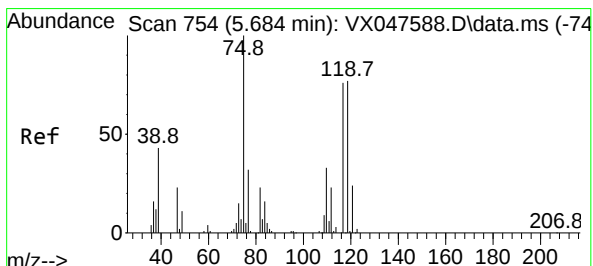
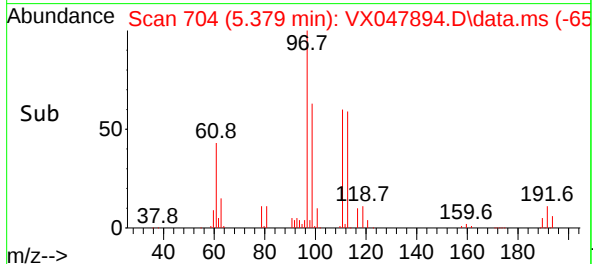
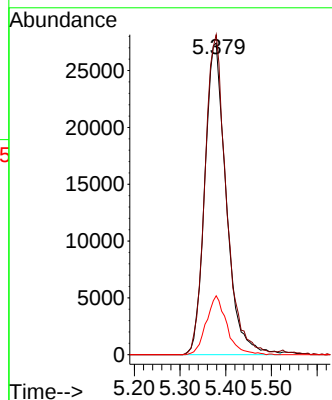
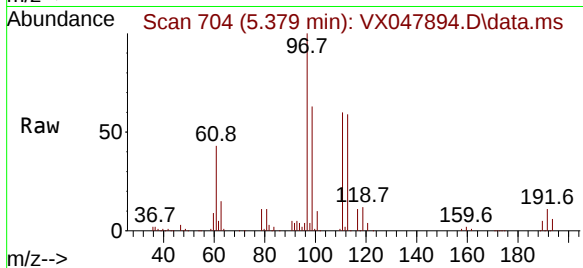
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.9	121.3
192	18.1	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#36

1,1-Dichloropropene

Concen: 48.775 ug/l

RT: 5.684 min Scan# 754

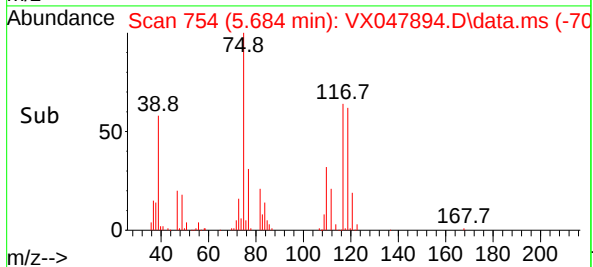
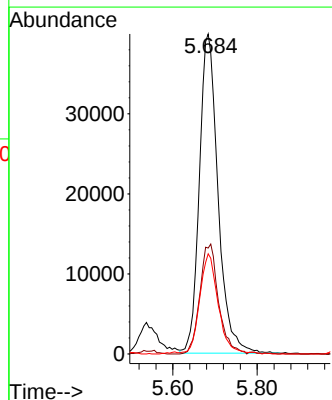
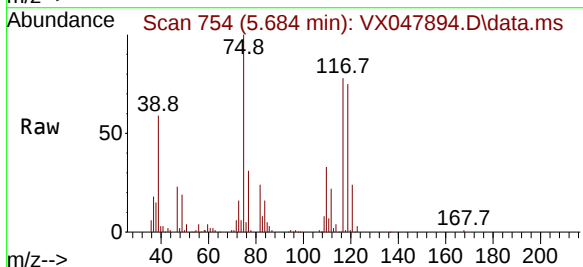
Delta R.T. -0.000 min

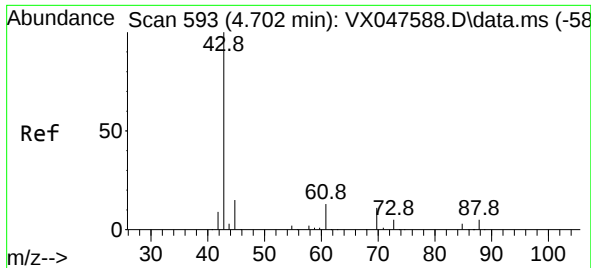
Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Tgt Ion: 75 Resp: 122842

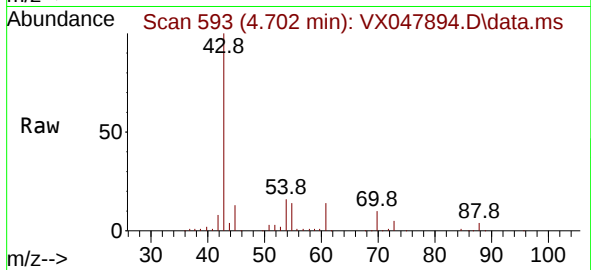
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.1
77	31.2	24.3	36.5





#37
Ethyl Acetate
Concen: 51.710 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

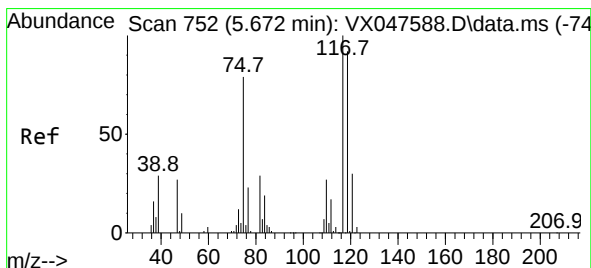
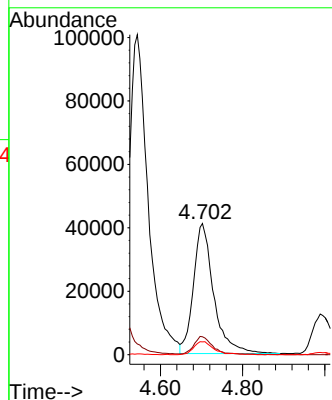
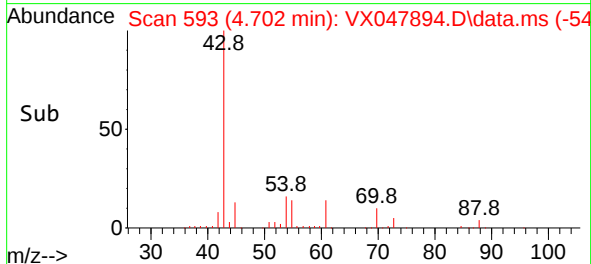
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13944
Ion Ratio Lower Upper
43 100
61 13.5 9.8 14.8
70 9.5 7.9 11.9

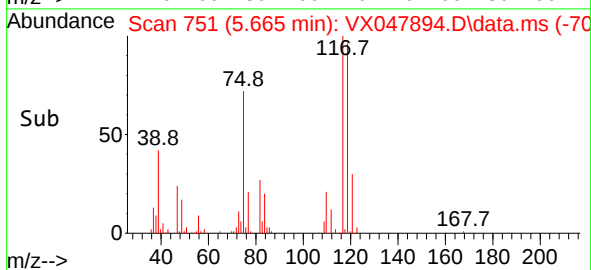
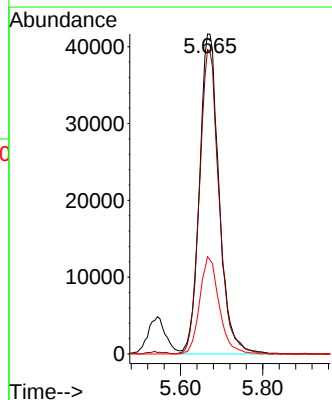
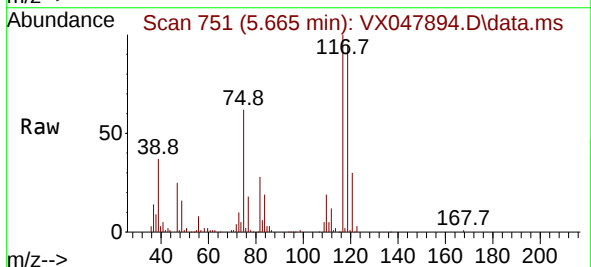
Manual Integrations
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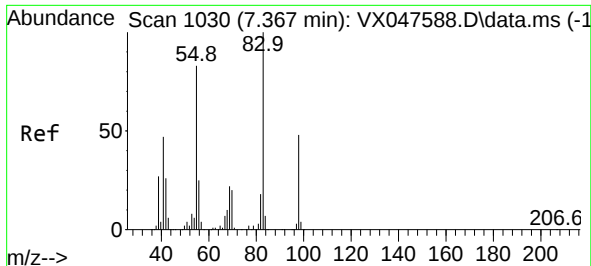
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#38
Carbon Tetrachloride
Concen: 50.268 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion:117 Resp: 137555
Ion Ratio Lower Upper
117 100
119 95.1 73.4 110.2
121 30.4 23.8 35.6





#39

Methylcyclohexane

Concen: 47.152 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047894.D

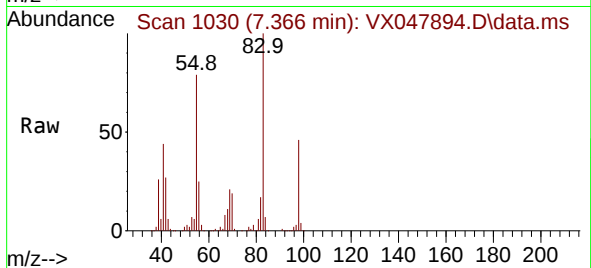
Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



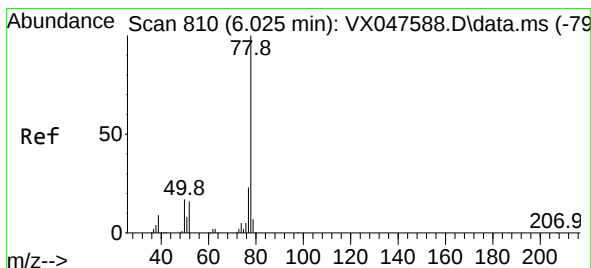
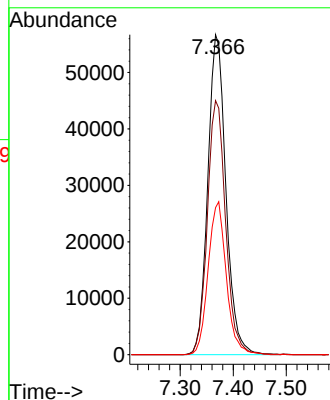
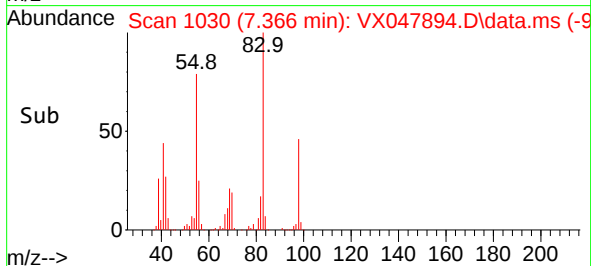
Tgt Ion:	83	Resp:	134800
Ion Ratio	Lower	Upper	
83	100		
55	79.4	66.4	99.6
98	46.0	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#40

Benzene

Concen: 51.894 ug/l

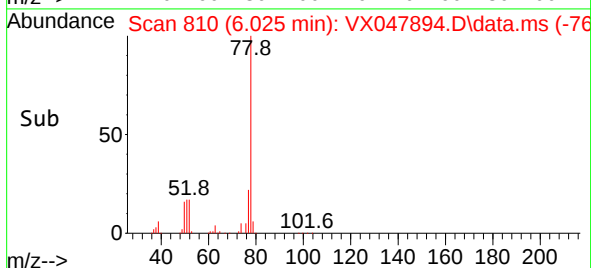
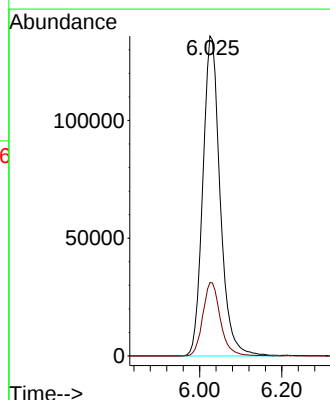
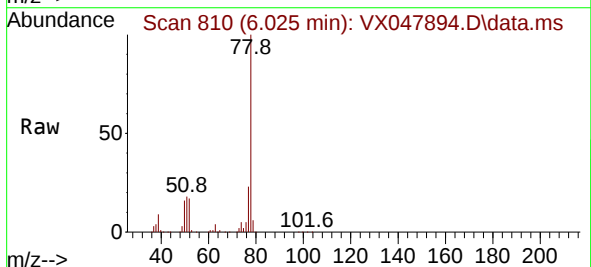
RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

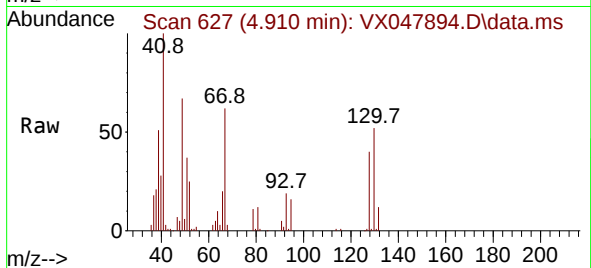
Tgt Ion:	78	Resp:	396956
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.8	28.2





#41
Methacrylonitrile
Concen: 53.601 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

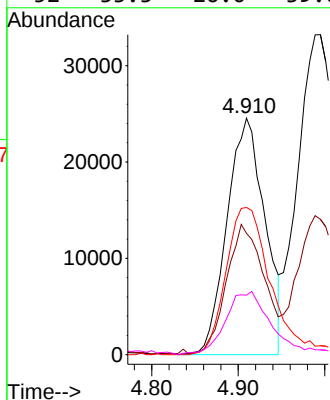
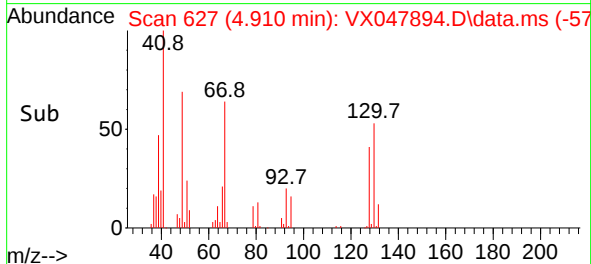
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 74620
Ion Ratio Lower Upper
41 100
39 53.7 43.3 64.9
67 73.8 58.6 87.8
52 33.3 26.0 39.0

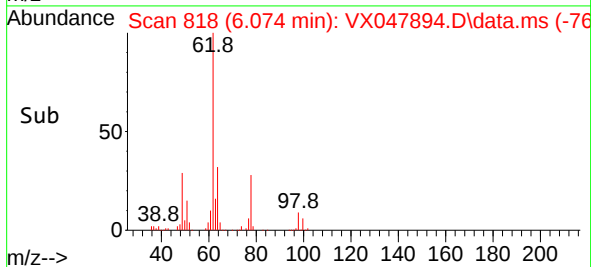
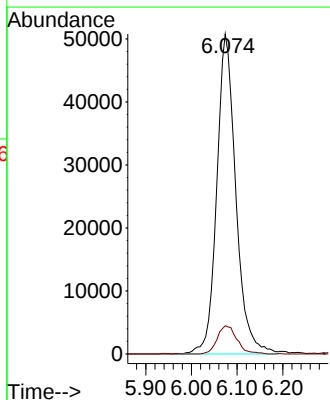
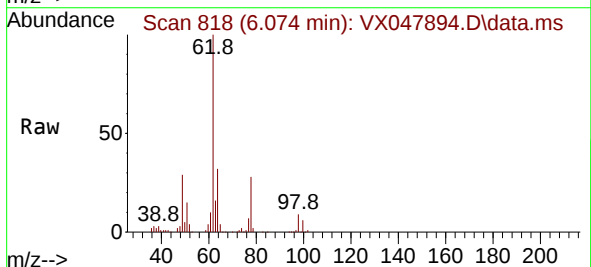
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 50.606 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

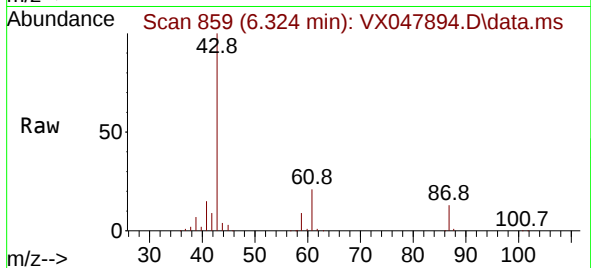
Tgt Ion: 62 Resp: 147288
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





#43
Isopropyl Acetate
Concen: 50.730 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

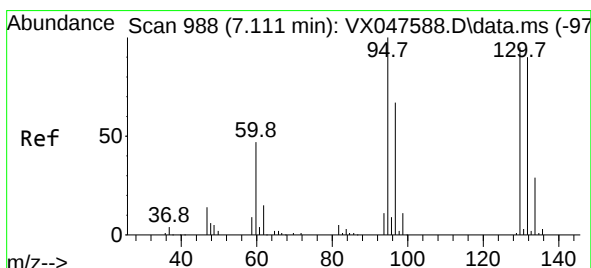
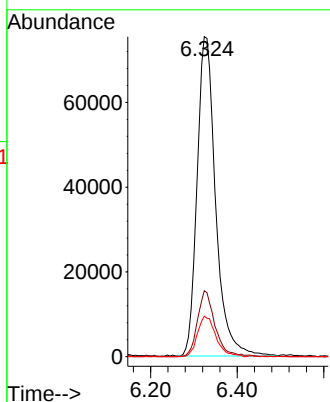
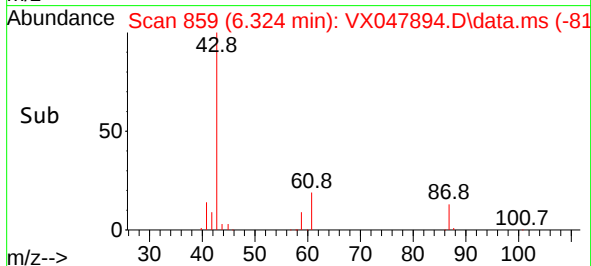
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 224358
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.6 9.6 14.4

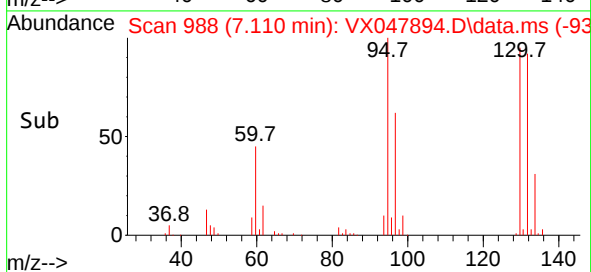
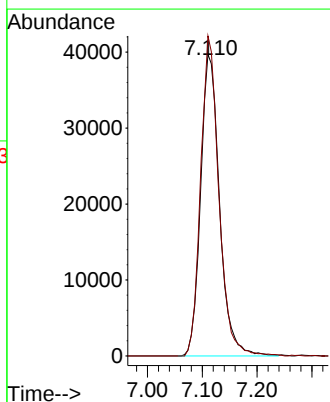
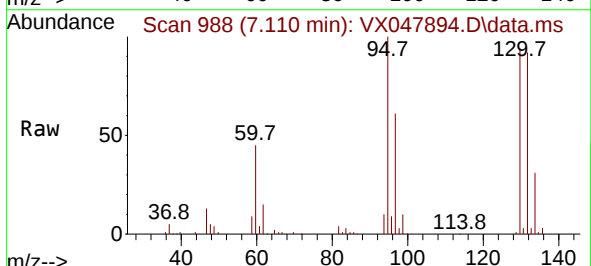
Manual Integrations
APPROVED

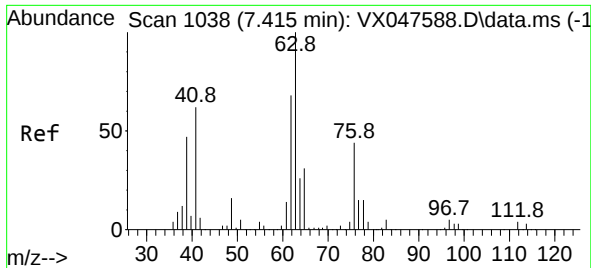
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 51.403 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

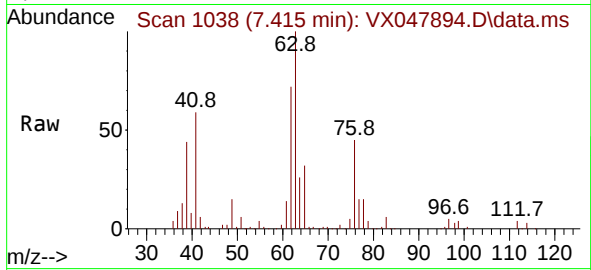
Tgt Ion:130 Resp: 95061
Ion Ratio Lower Upper
130 100
95 106.1 0.0 210.8





#45
1,2-Dichloropropane
Concen: 53.058 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

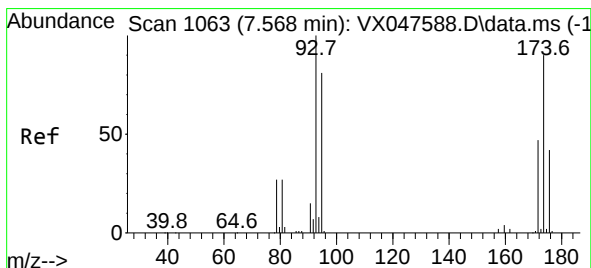
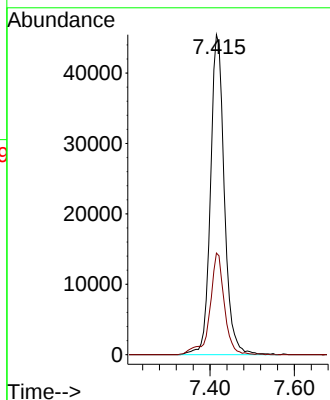
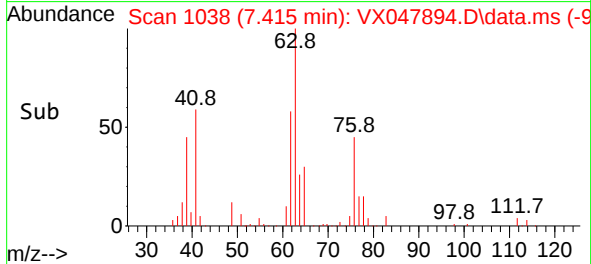
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



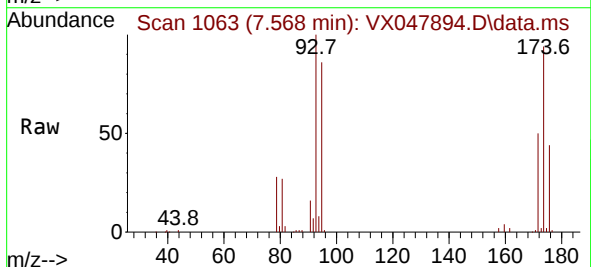
Tgt Ion: 63 Resp: 103920
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1

Manual Integrations
APPROVED

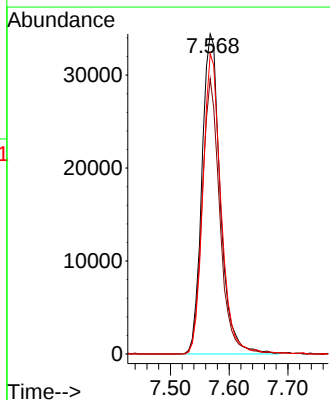
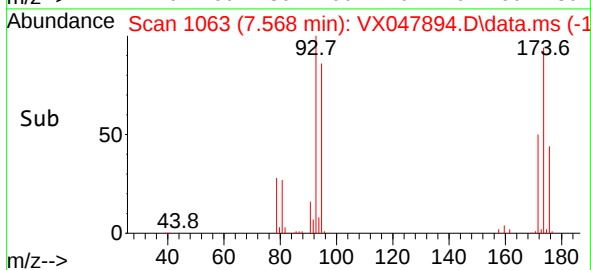
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

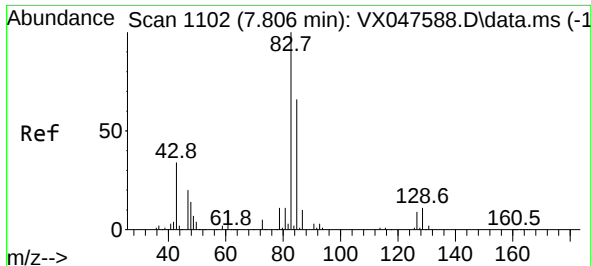


#46
Dibromomethane
Concen: 52.657 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



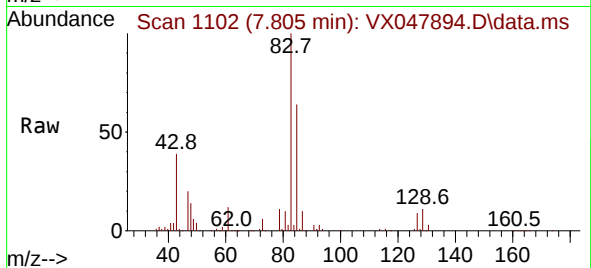
Tgt Ion: 93 Resp: 75055
Ion Ratio Lower Upper
93 100
95 82.7 65.0 97.6
174 92.1 71.6 107.4





#47
Bromodichloromethane
Concen: 52.847 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

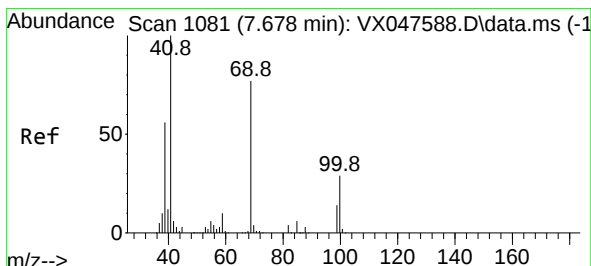
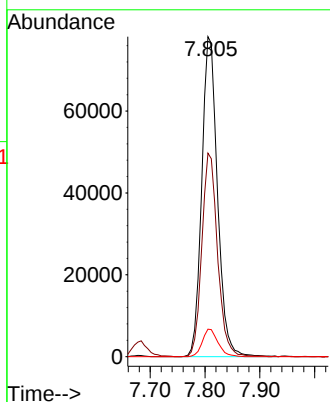
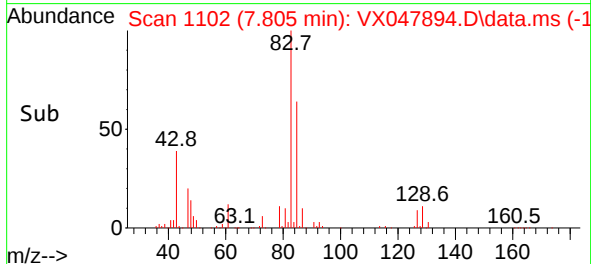
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



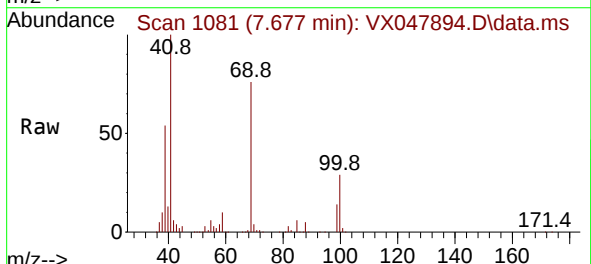
Tgt Ion: 83 Resp: 155440
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7
127 8.6 6.9 10.3

Manual Integrations
APPROVED

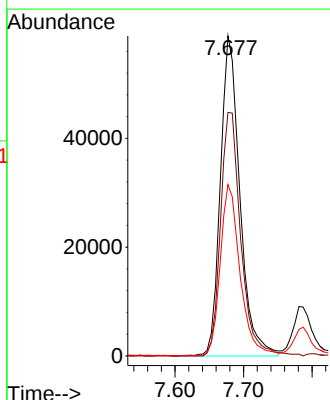
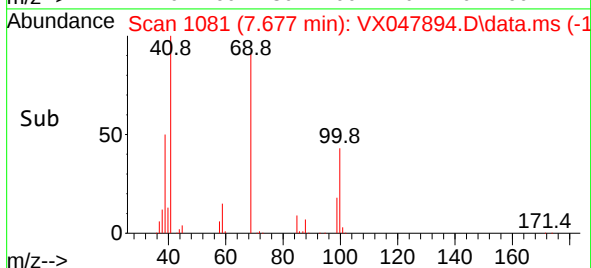
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

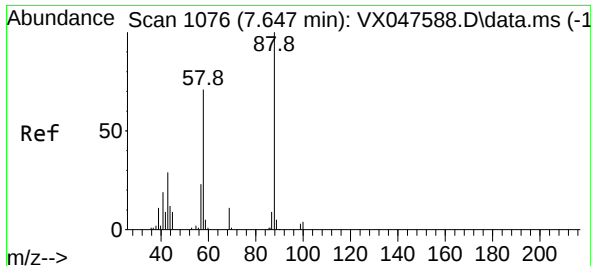


#48
Methyl methacrylate
Concen: 52.710 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



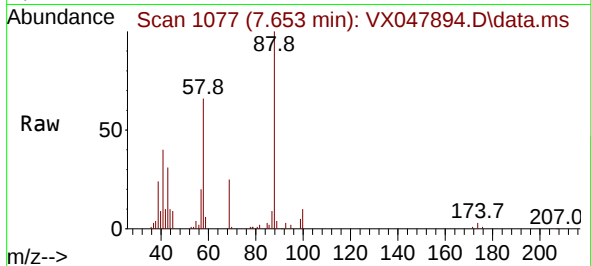
Tgt Ion: 41 Resp: 116118
Ion Ratio Lower Upper
41 100
69 78.9 61.4 92.2
39 54.5 45.8 68.6





#49
1,4-Dioxane
Concen: 1221.341 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

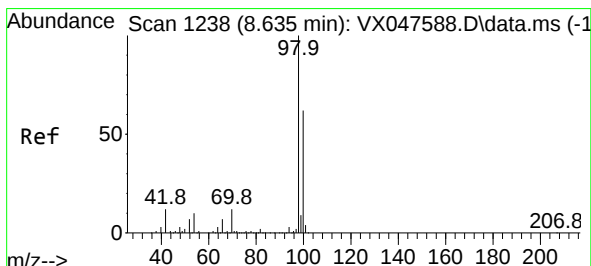
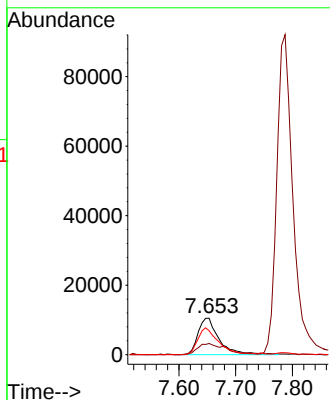
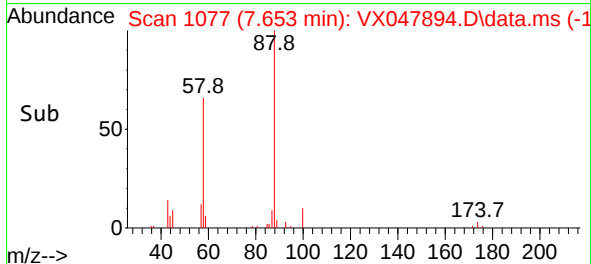
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2719
Ion Ratio Lower Upper
88 100
43 40.5 30.2 45.2
58 72.9 59.5 89.3

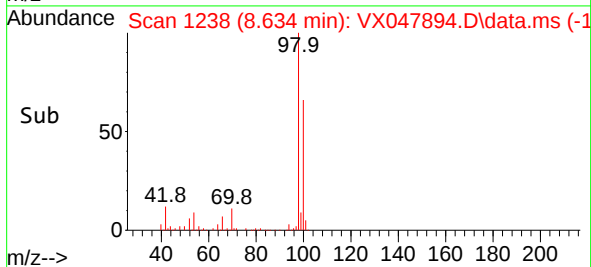
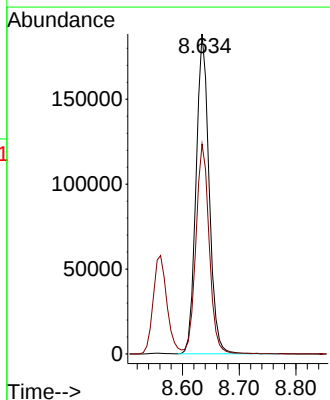
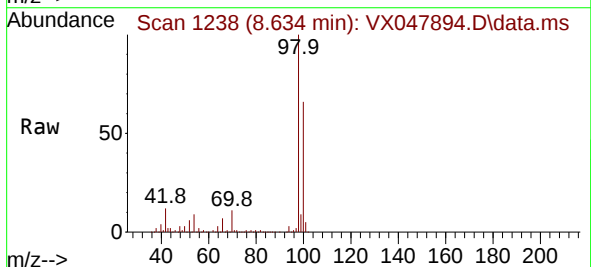
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#50
Toluene-d8
Concen: 50.315 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion: 98 Resp: 300072
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





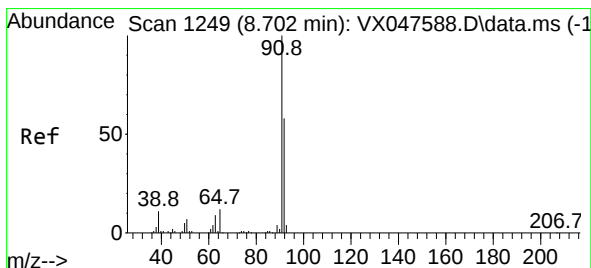
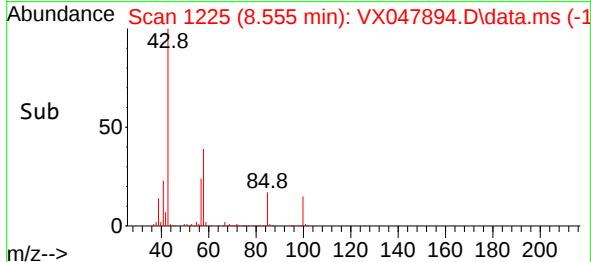
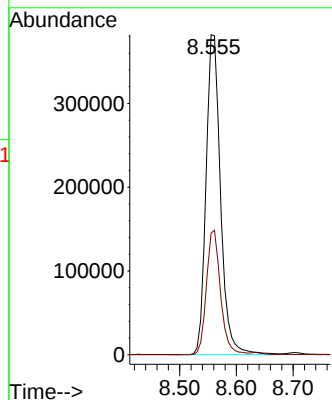
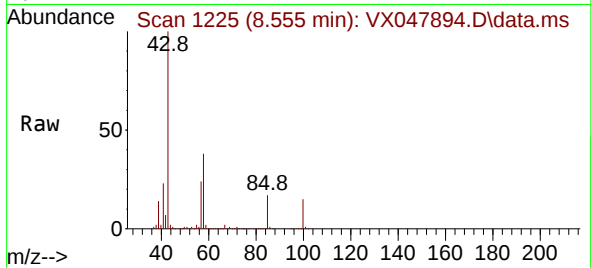
#51
4-Methyl-2-Pentanone
Concen: 277.112 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 679500
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

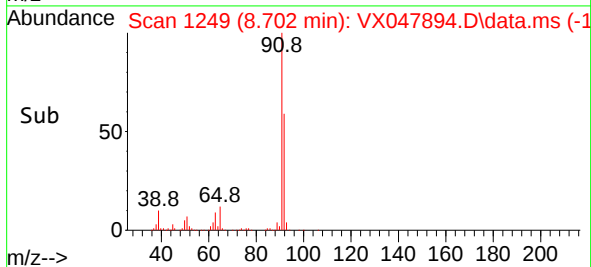
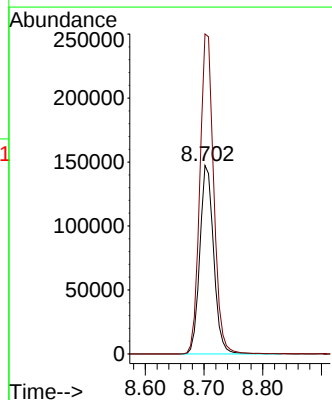
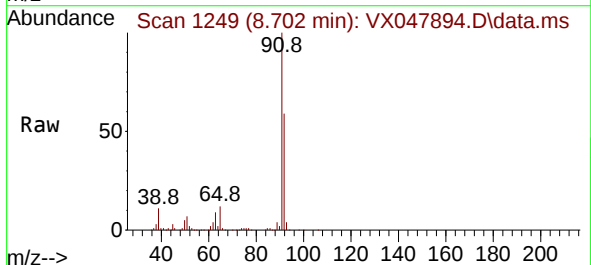
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 51.265 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

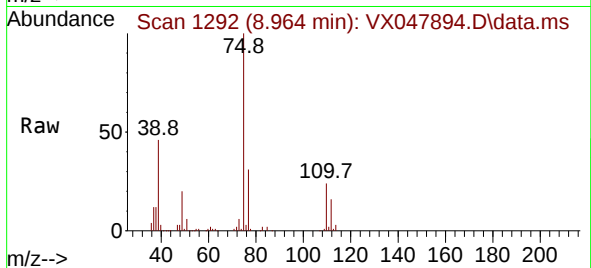
Tgt Ion: 92 Resp: 241599
Ion Ratio Lower Upper
92 100
91 170.3 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 49.069 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

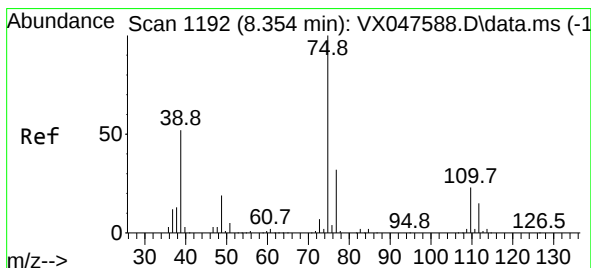
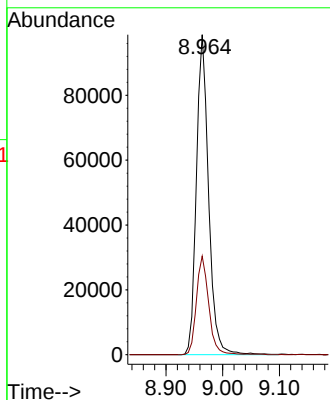
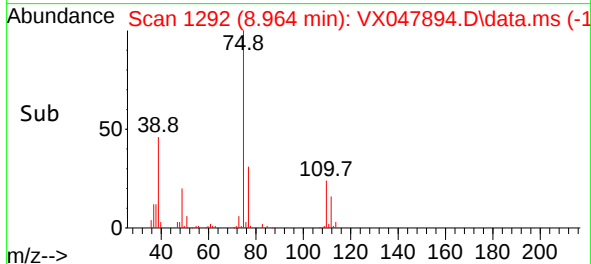
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



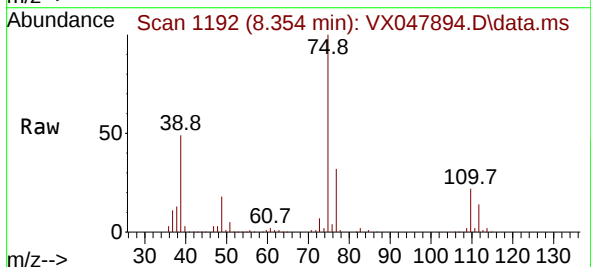
Tgt Ion: 75 Resp: 14721
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

Manual Integrations
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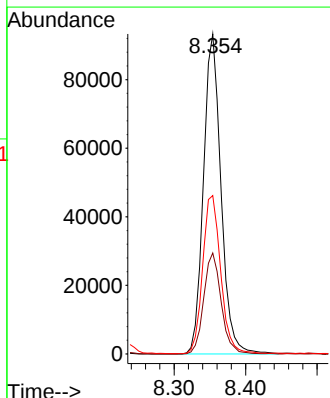
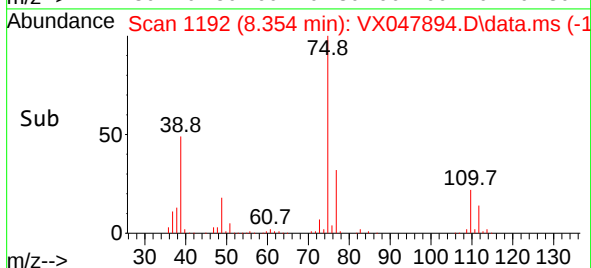
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#54
cis-1,3-Dichloropropene
Concen: 49.614 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



Tgt Ion: 75 Resp: 159099
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 49.4 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 53.747 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

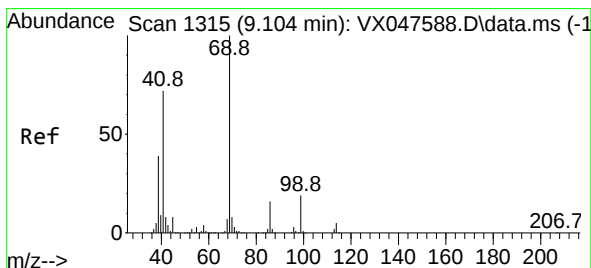
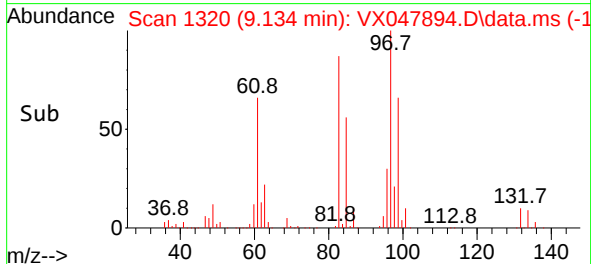
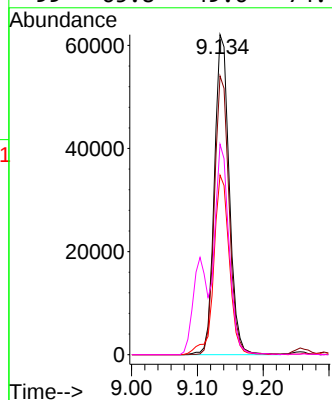
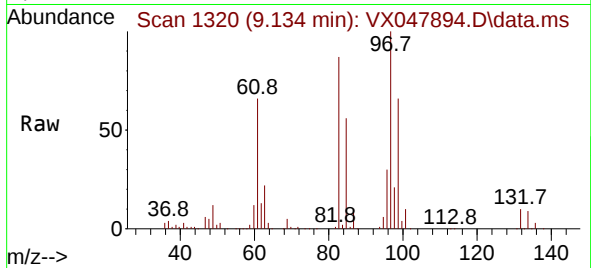
VSTDCCC050EC

Tgt Ion: 97 Resp: 9767
Ion Ratio Lower Upper
97 100
83 87.1 69.6 104.4
85 56.1 45.0 67.6
99 65.8 49.6 74.4

Manual Integrations

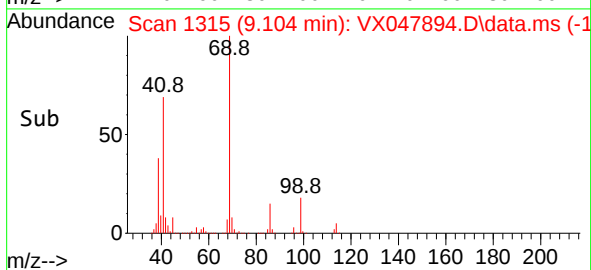
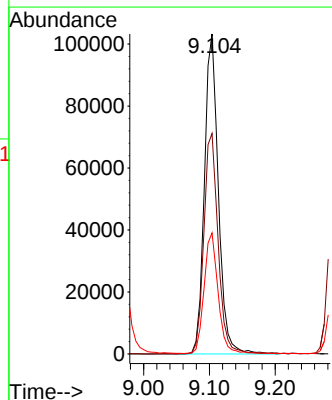
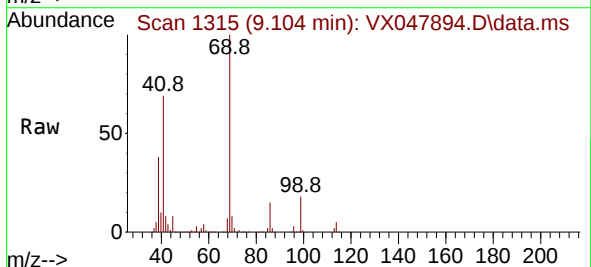
APPROVED

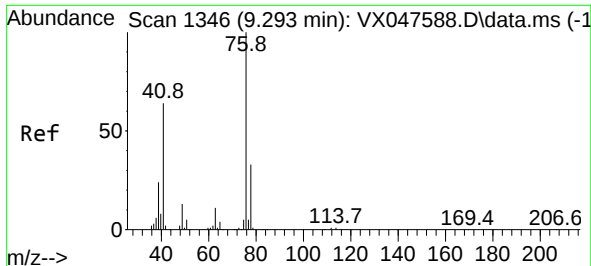
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#56
Ethyl methacrylate
Concen: 53.369 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion: 69 Resp: 152310
Ion Ratio Lower Upper
69 100
41 70.6 58.6 87.8
39 38.1 31.5 47.3





#57

1,3-Dichloropropane

Concen: 54.003 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 16858

Ion Ratio Lower Upper

76 100

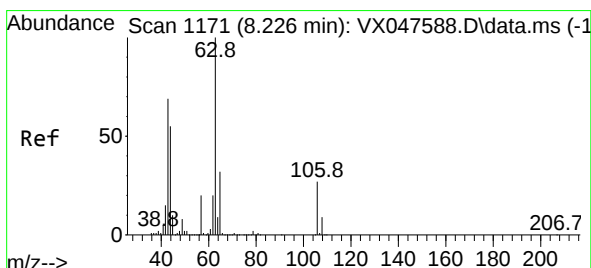
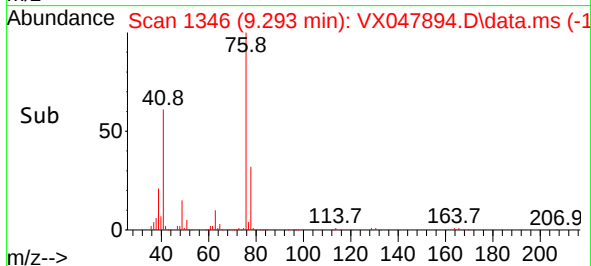
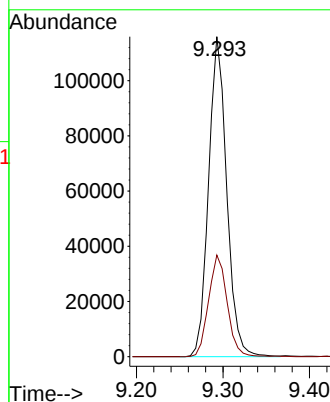
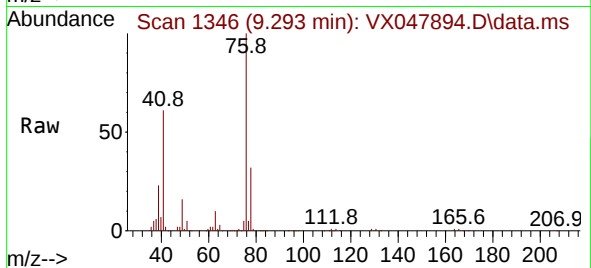
78 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 274.070 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047894.D

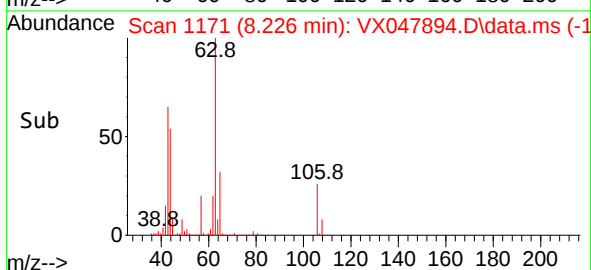
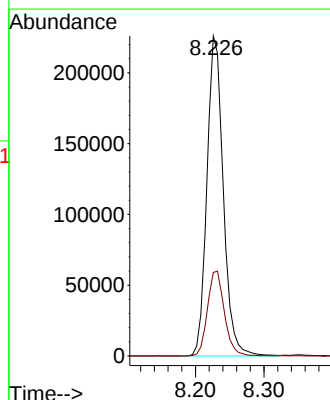
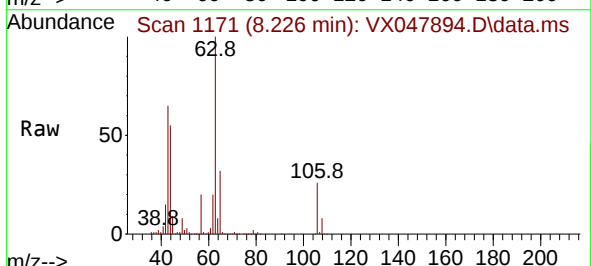
Acq: 29 Sep 2025 18:49

Tgt Ion: 63 Resp: 376121

Ion Ratio Lower Upper

63 100

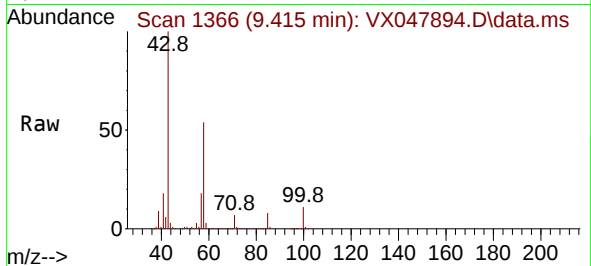
106 27.4 21.9 32.9





#59
2-Hexanone
Concen: 264.369 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

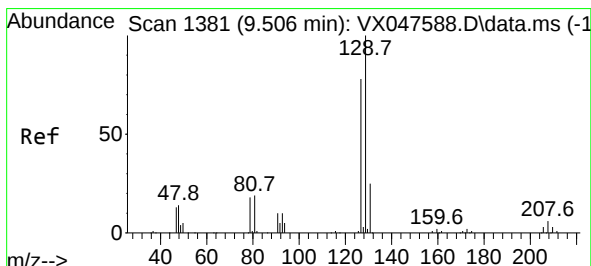
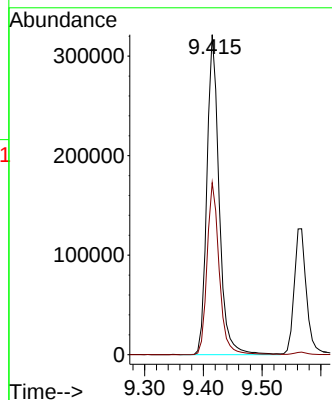
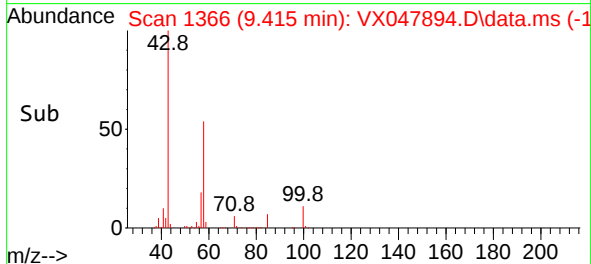
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 465582
Ion Ratio Lower Upper
43 100
58 53.4 26.1 78.2

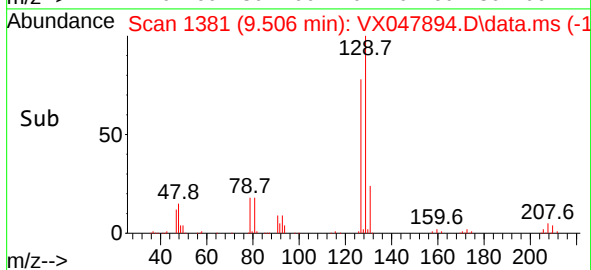
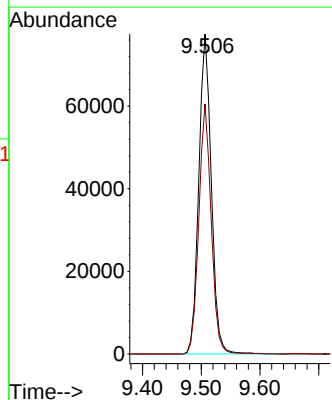
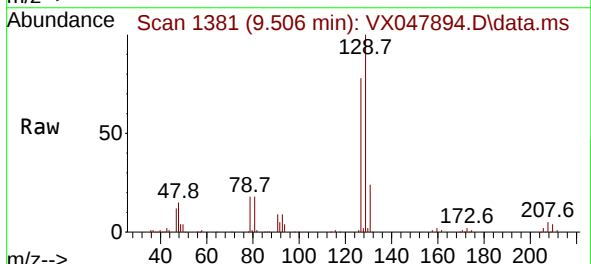
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 54.812 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

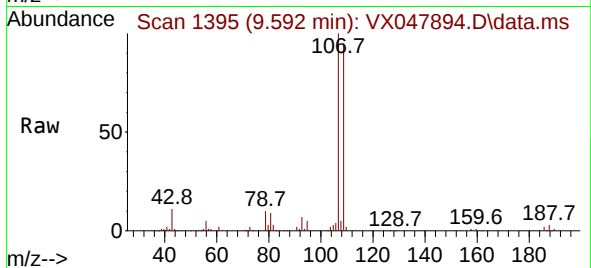
Tgt Ion:129 Resp: 114768
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 54.796 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

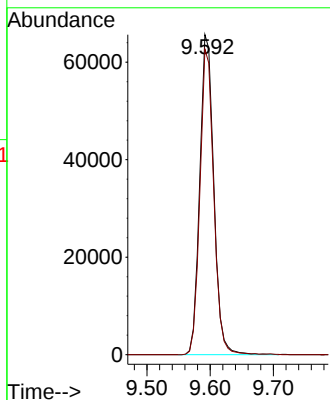
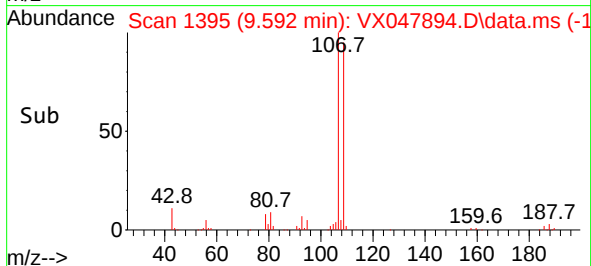
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



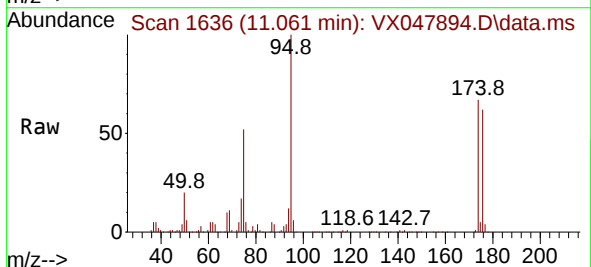
Tgt Ion:107 Resp: 101423
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
APPROVED

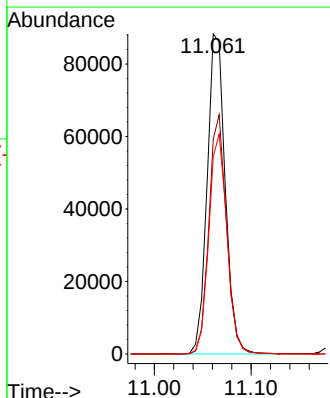
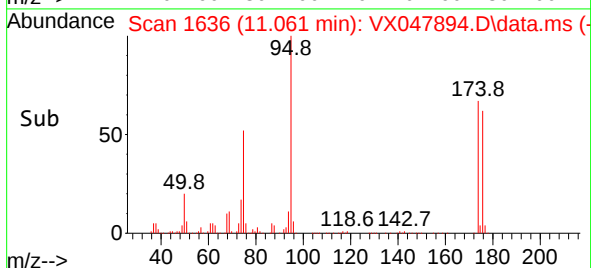
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

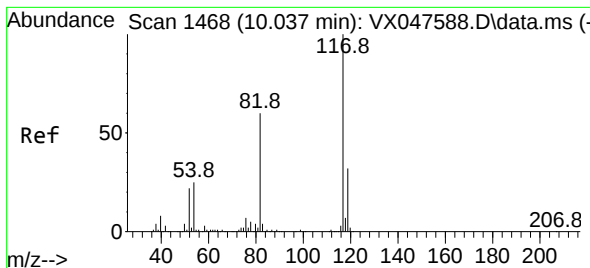


#62
4-Bromofluorobenzene
Concen: 50.750 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



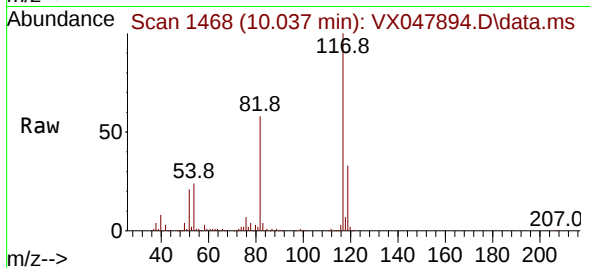
Tgt Ion: 95 Resp: 114868
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 68.7 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

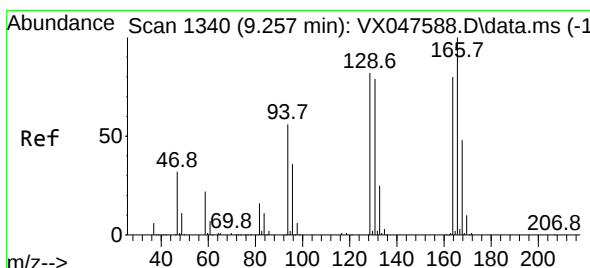
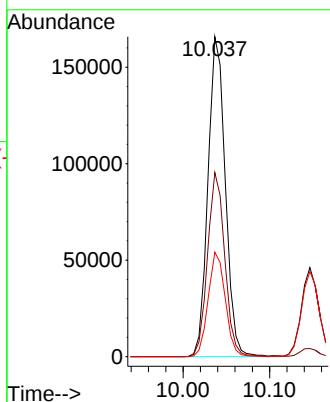
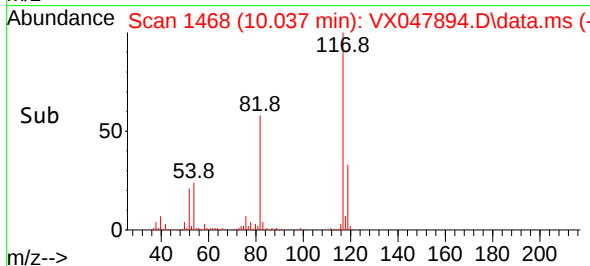
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 230930
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 32.6 25.2 37.8

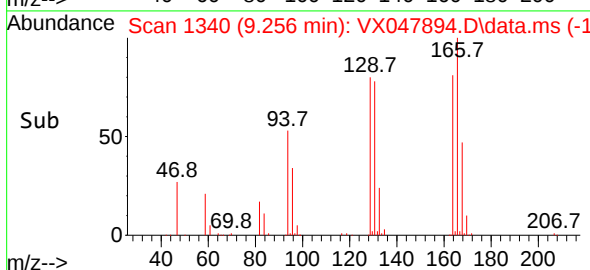
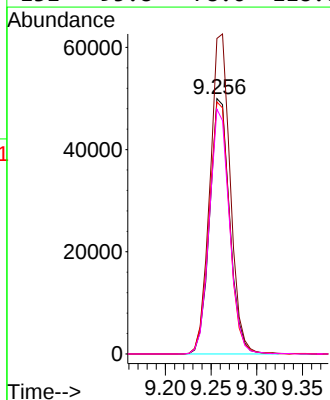
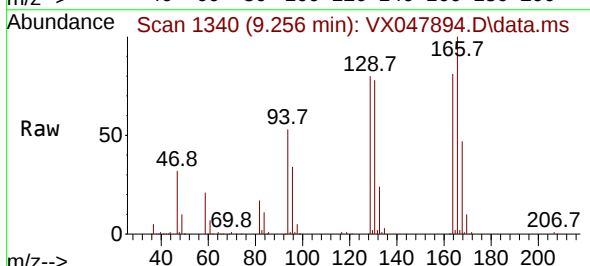
Manual Integrations
APPROVED

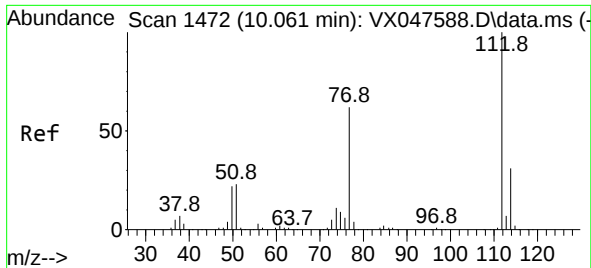
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 50.266 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion:164 Resp: 75672
Ion Ratio Lower Upper
164 100
166 123.5 100.2 150.2
129 98.7 81.8 122.6
131 95.8 78.6 118.0





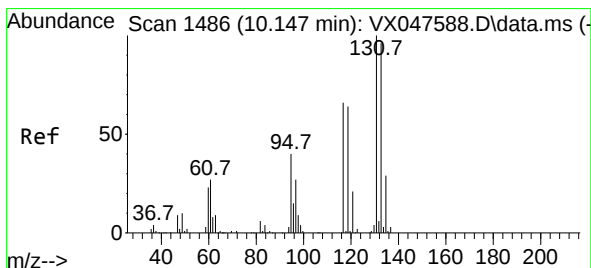
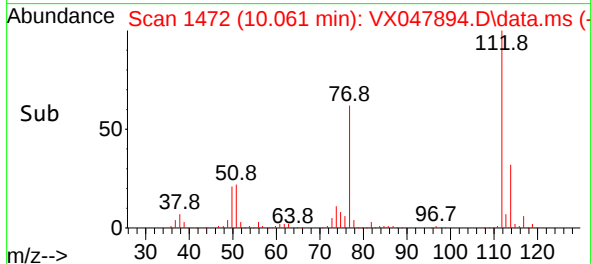
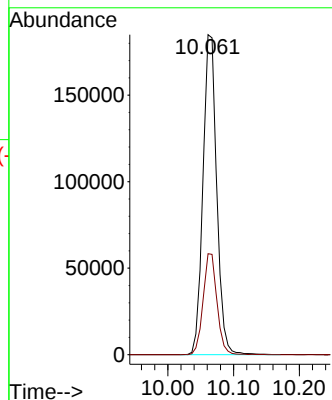
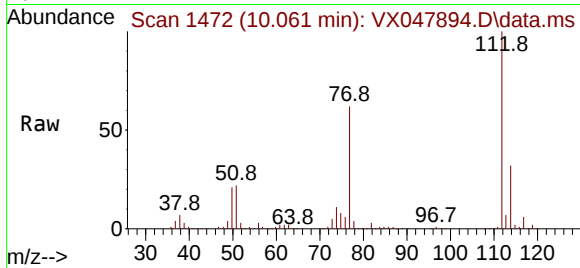
#65
Chlorobenzene
Concen: 51.242 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 268830
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

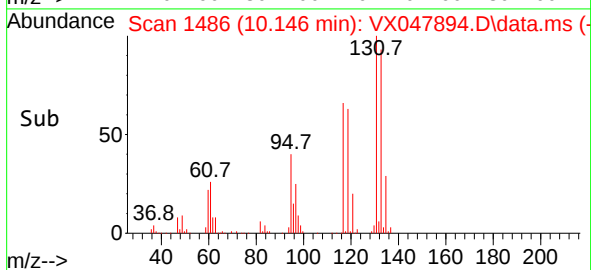
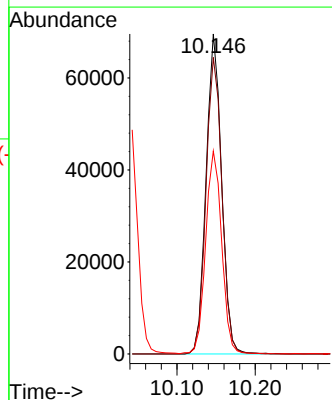
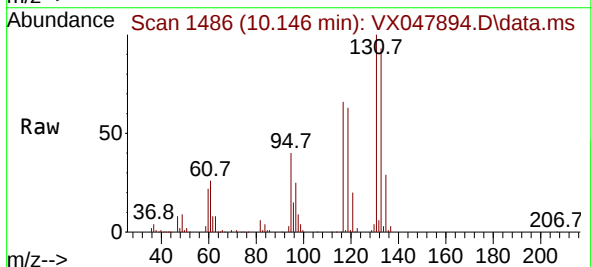
Manual Integrations
APPROVED

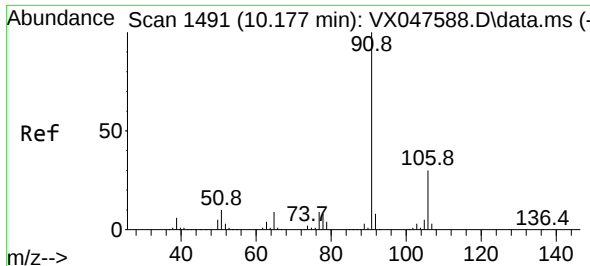
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.734 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

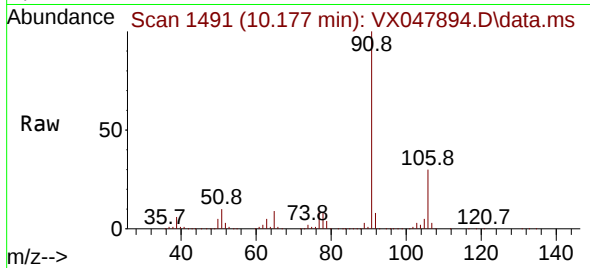
Tgt Ion:131 Resp: 95467
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.6 32.0 96.0





#67
Ethyl Benzene
Concen: 50.050 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

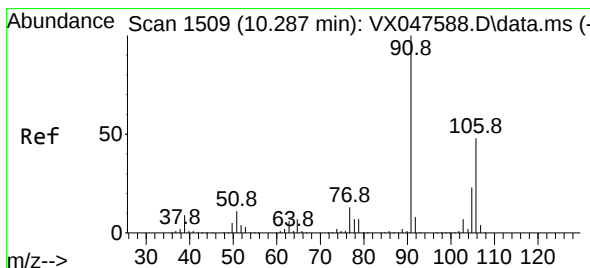
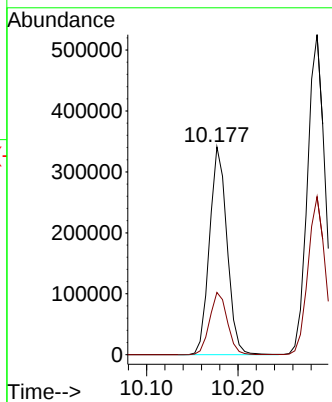
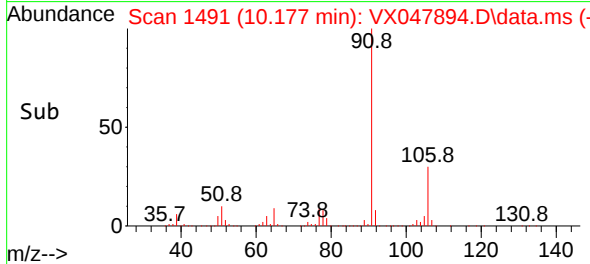
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 453059
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

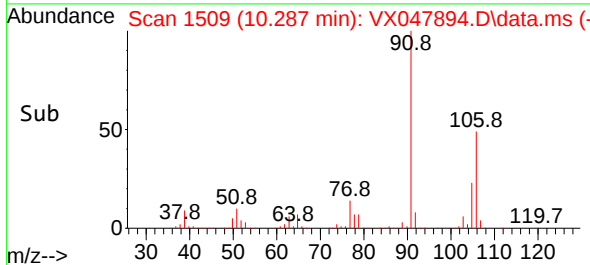
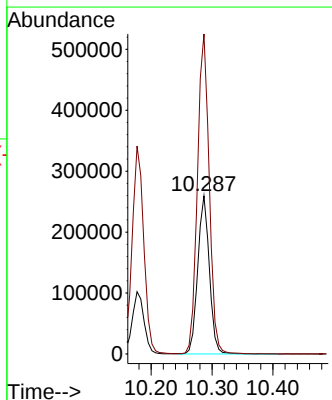
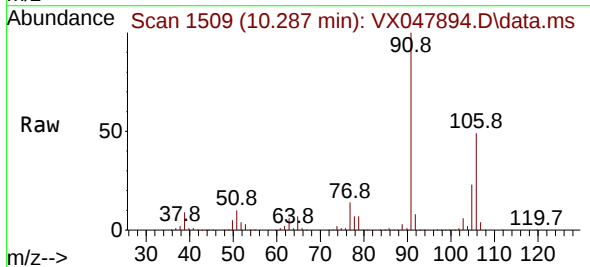
Manual Integrations
APPROVED

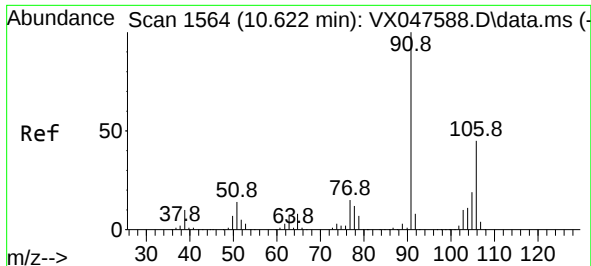
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 101.931 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion:106 Resp: 343431
Ion Ratio Lower Upper
106 100
91 205.5 167.8 251.8





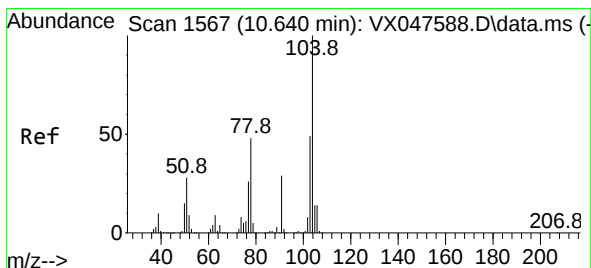
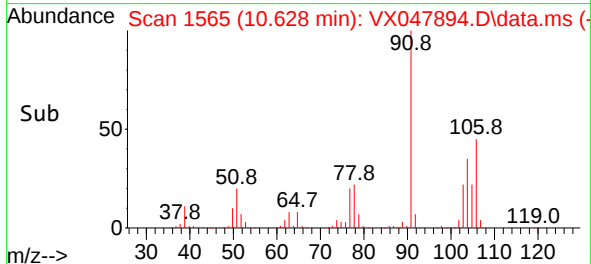
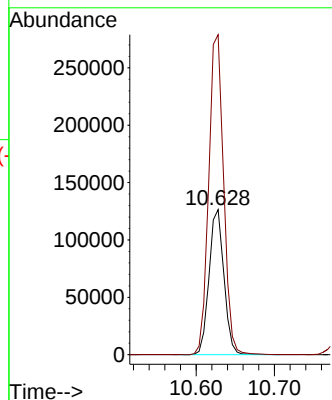
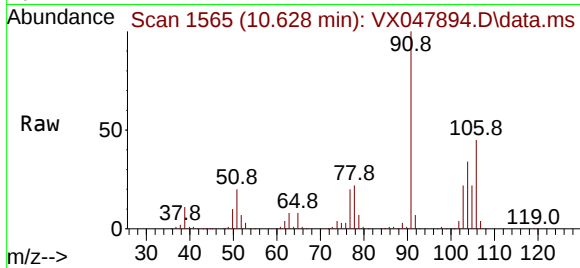
#69
o-Xylene
Concen: 51.015 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 16625
Ion Ratio Lower Upper
106 100
91 221.3 111.1 333.4

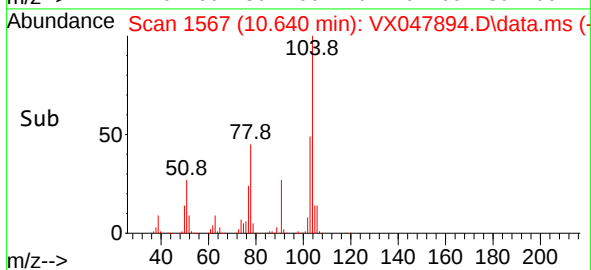
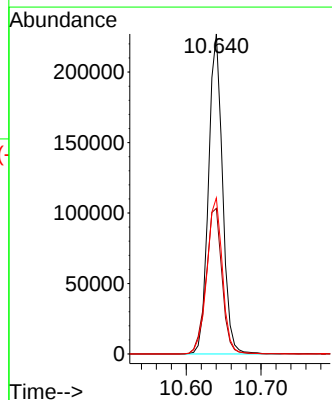
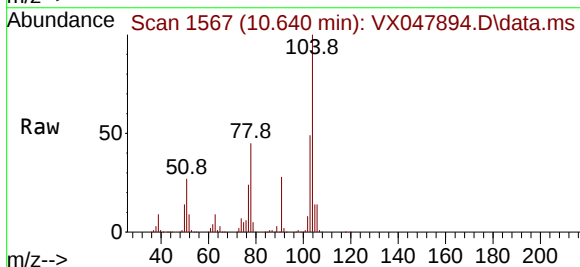
Manual Integrations
APPROVED

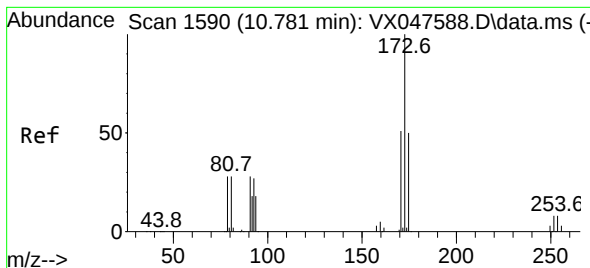
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 51.849 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion:104 Resp: 296064
Ion Ratio Lower Upper
104 100
78 51.7 43.1 64.7
103 53.8 43.1 64.7





#71

Bromoform

Concen: 54.061 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

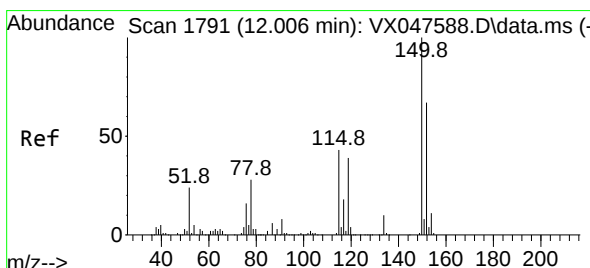
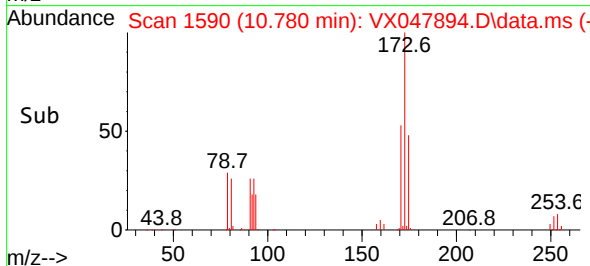
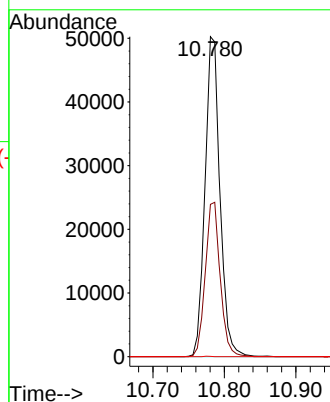
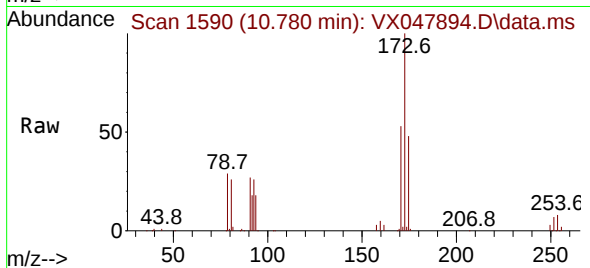
Tgt Ion:173	Resp:	73079
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.9 74.6
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

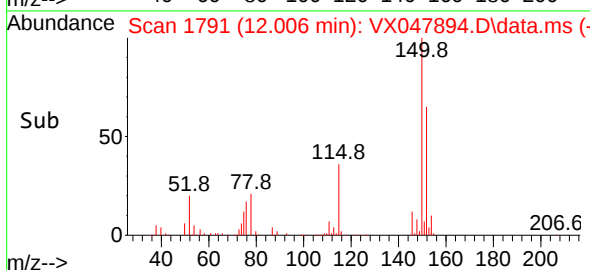
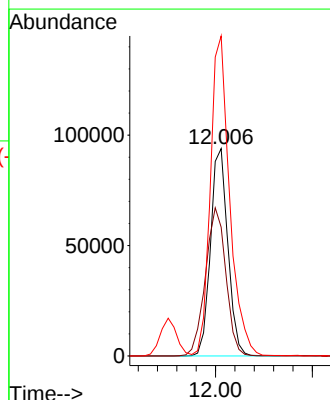
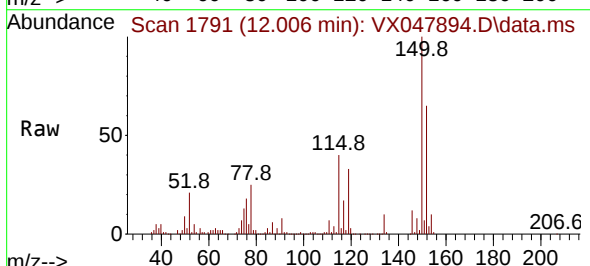
RT: 12.006 min Scan# 1791

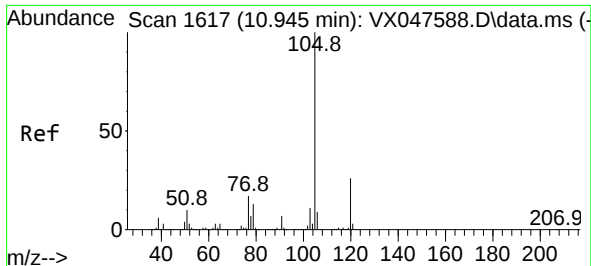
Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

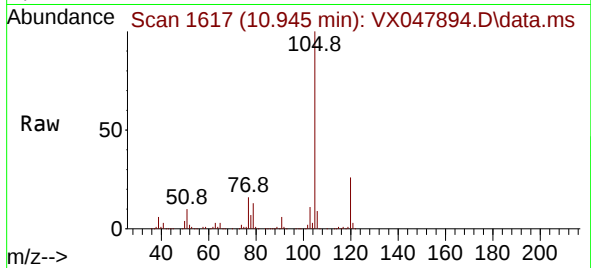
Tgt Ion:152	Resp:	116897
Ion Ratio	Lower	Upper
152	100	
115	84.6	44.9 134.5
150	171.0	0.0 352.0





#73
Isopropylbenzene
Concen: 47.432 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

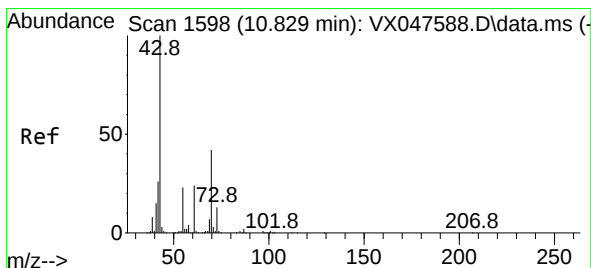
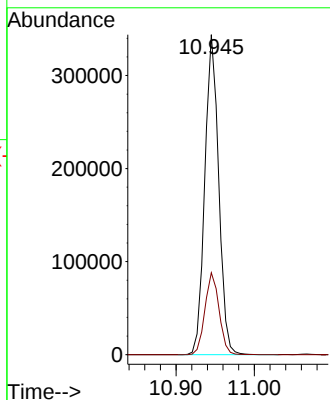
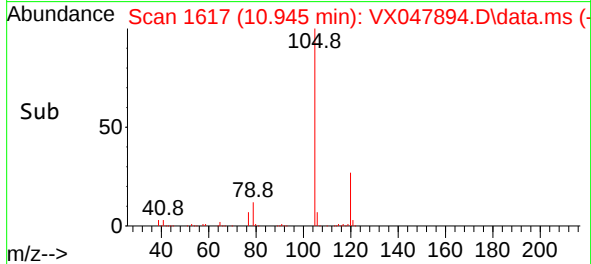
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 421544
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

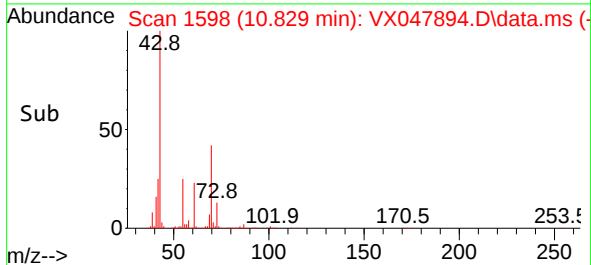
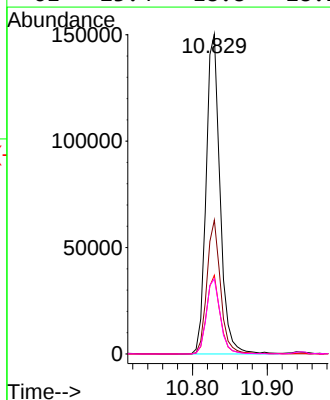
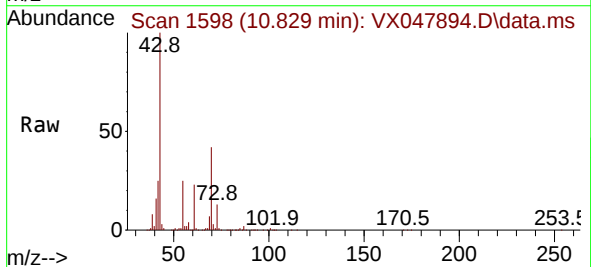
Manual Integrations
APPROVED

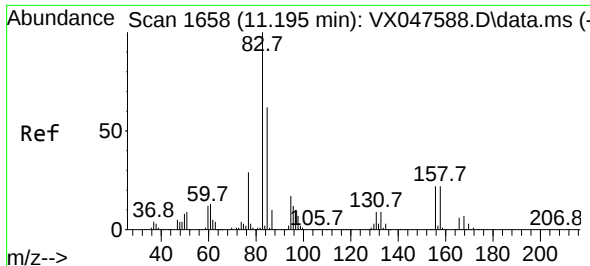
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 48.033 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

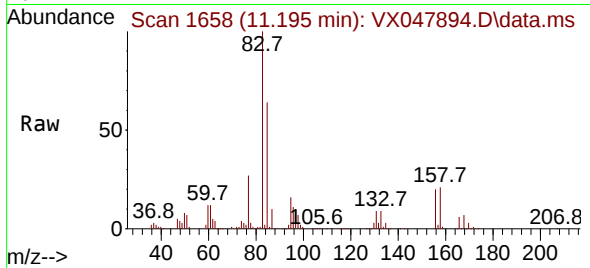
Tgt Ion: 43 Resp: 194666
Ion Ratio Lower Upper
43 100
70 40.9 32.0 48.0
55 24.0 18.9 28.3
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.820 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

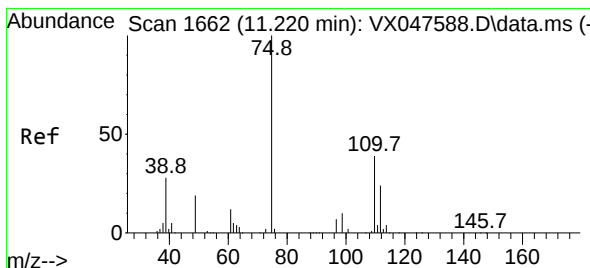
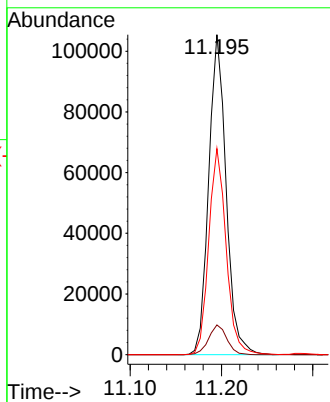
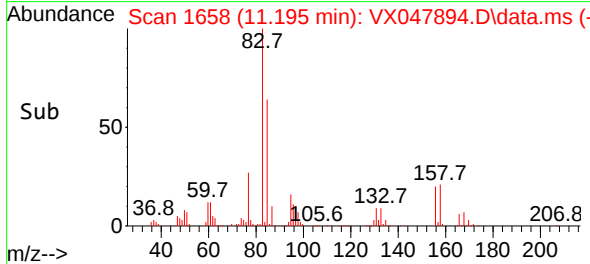
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



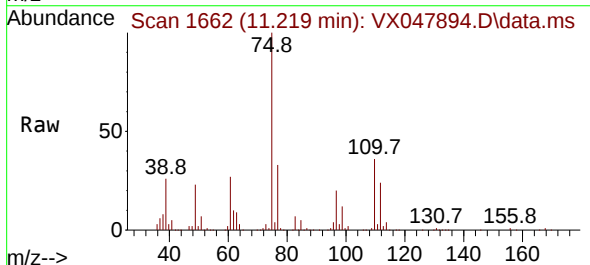
Tgt Ion: 83 Resp: 139335
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.5 31.6 95.0

Manual Integrations
APPROVED

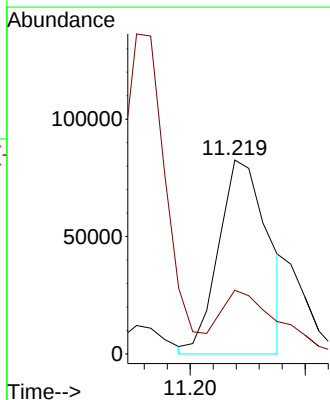
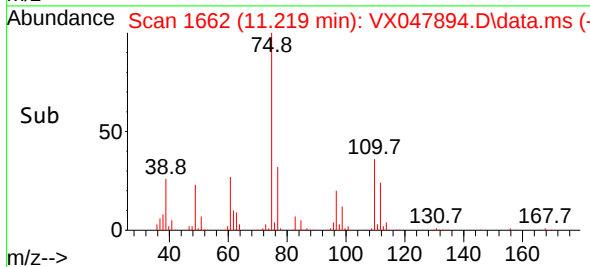
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

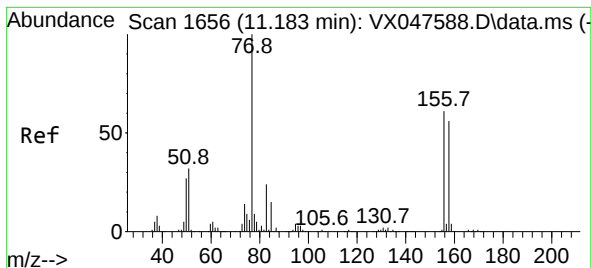


#76
1,2,3-Trichloropropane
Concen: 51.650 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



Tgt Ion: 75 Resp: 122245
Ion Ratio Lower Upper
75 100
77 38.0 18.8 56.4





#77

Bromobenzene

Concen: 48.598 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

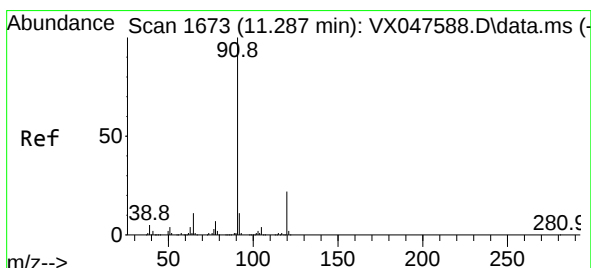
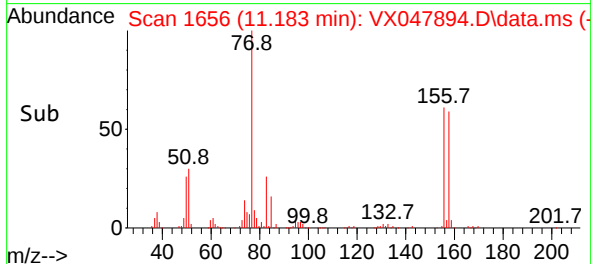
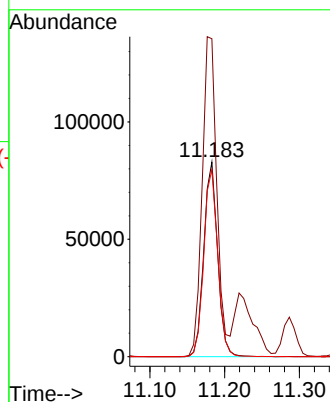
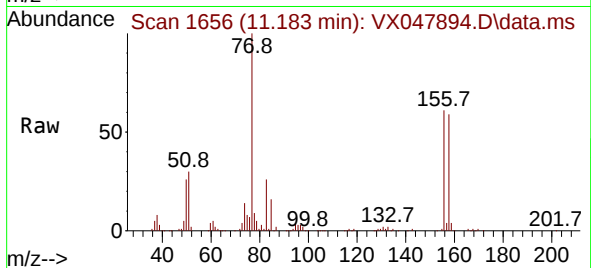
Tgt Ion:156 Resp: 106374
 Ion Ratio Lower Upper
 156 100
 77 175.1 89.7 269.1
 158 97.2 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#78

n-propylbenzene

Concen: 47.642 ug/l

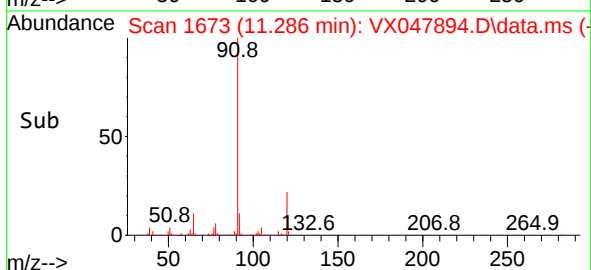
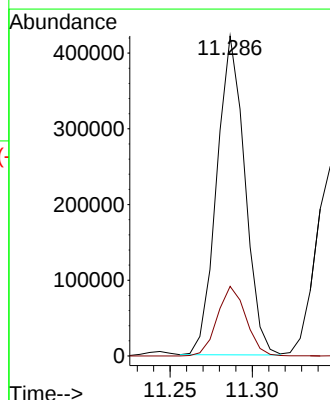
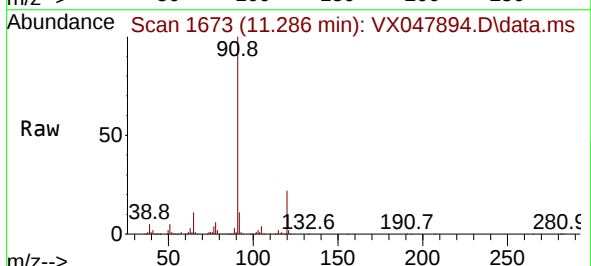
RT: 11.286 min Scan# 1673

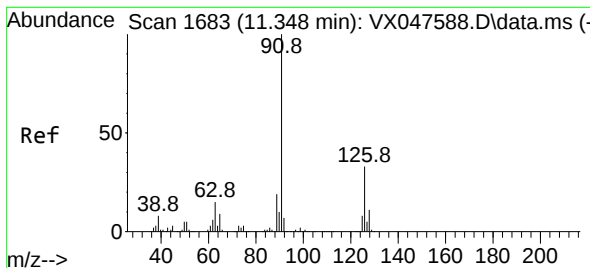
Delta R.T. -0.000 min

Lab File: VX047894.D

Acq: 29 Sep 2025 18:49

Tgt Ion: 91 Resp: 500518
 Ion Ratio Lower Upper
 91 100
 120 22.2 11.1 33.1





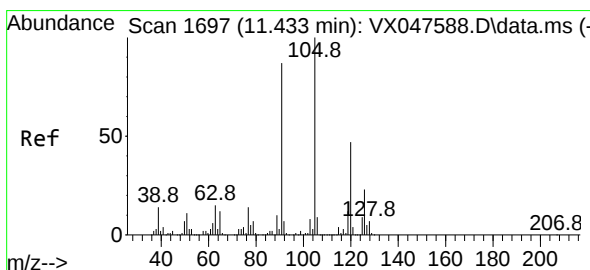
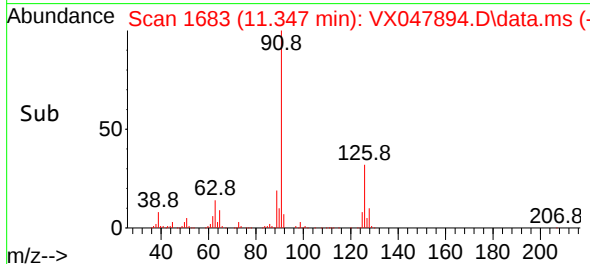
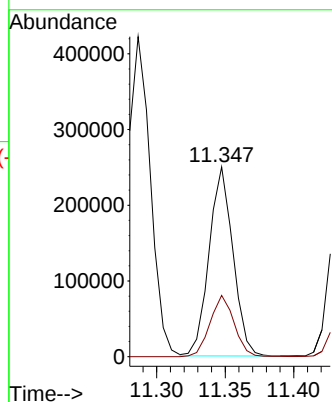
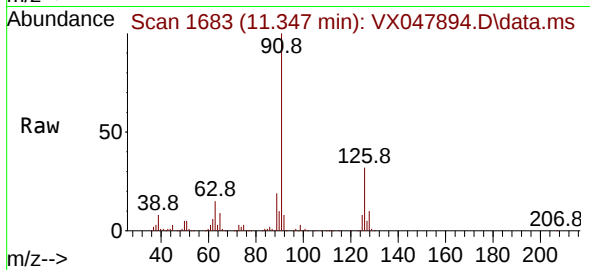
#79
2-Chlorotoluene
Concen: 47.125 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 303228
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

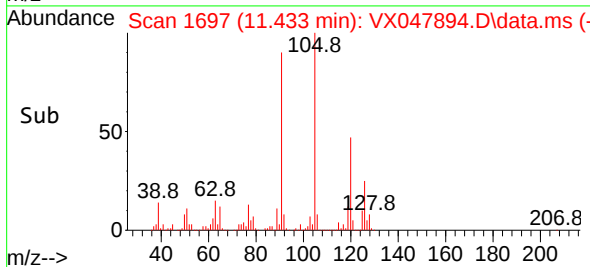
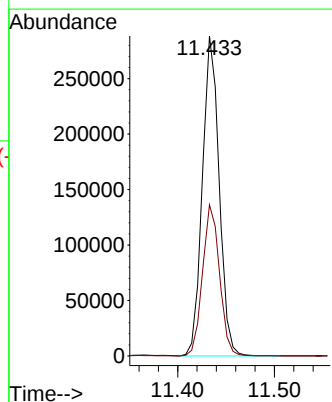
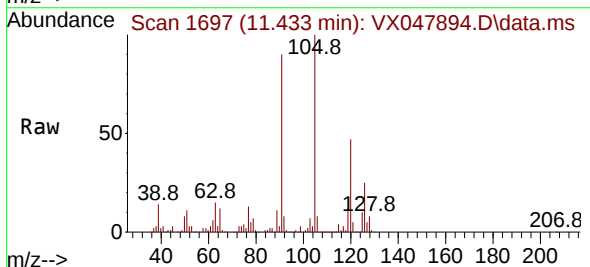
Manual Integrations
APPROVED

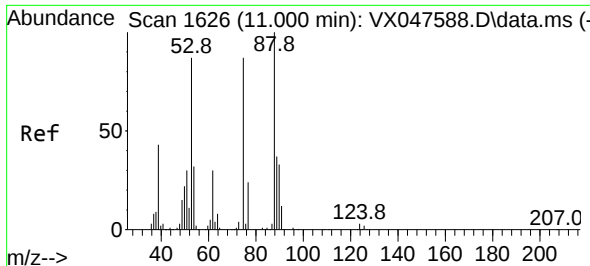
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.727 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

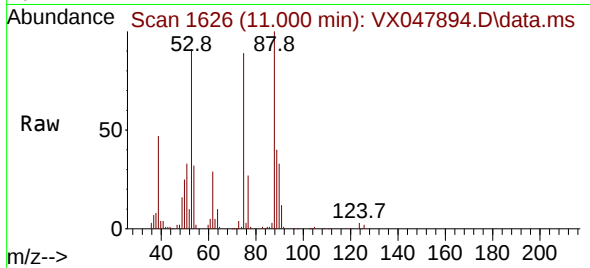
Tgt Ion:105 Resp: 348489
Ion Ratio Lower Upper
105 100
120 48.0 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.303 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

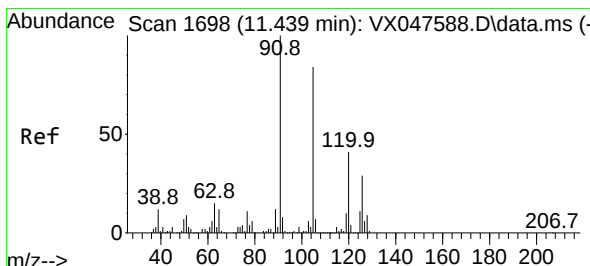
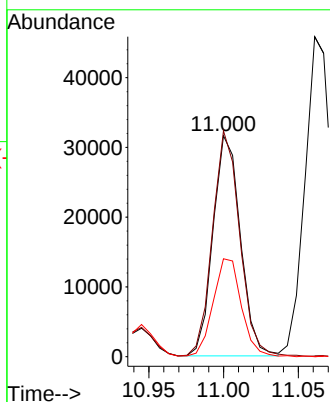
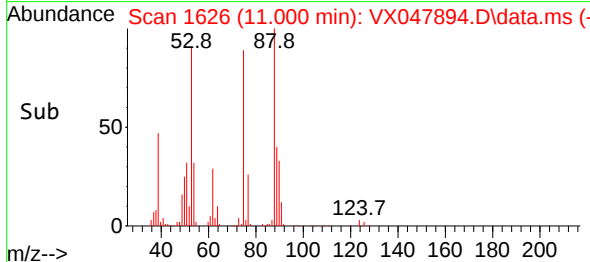
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 40190
Ion Ratio Lower Upper
75 100
53 101.5 83.4 125.2
89 46.2 36.3 54.5

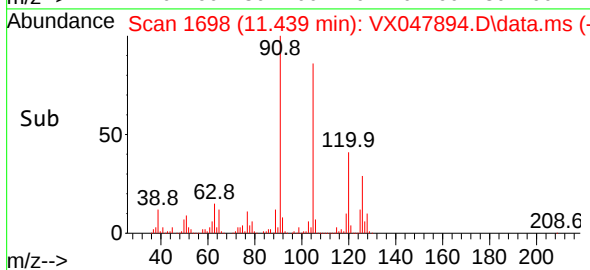
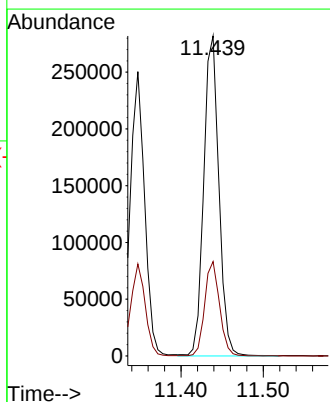
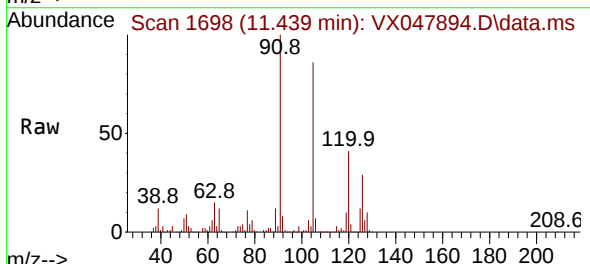
Manual Integrations
APPROVED

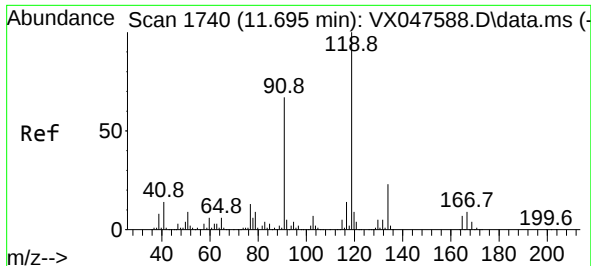
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 47.487 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

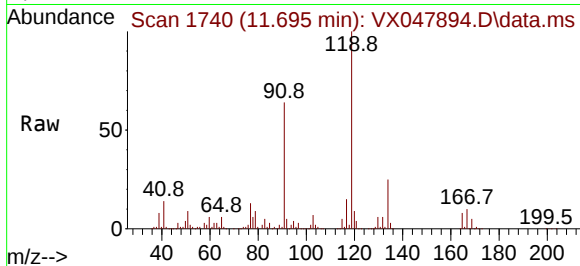
Tgt Ion: 91 Resp: 360882
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 46.544 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

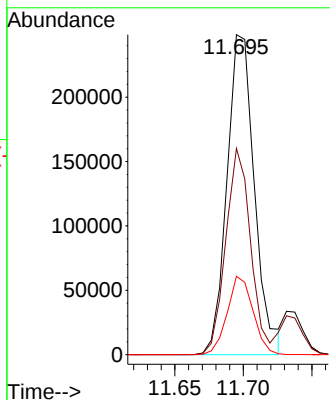
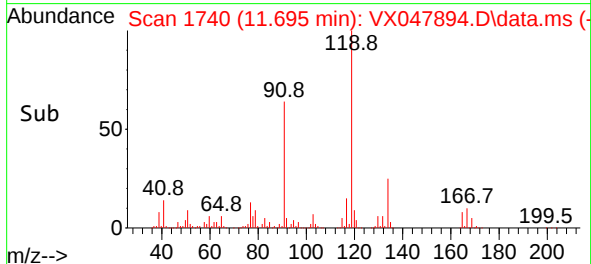
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



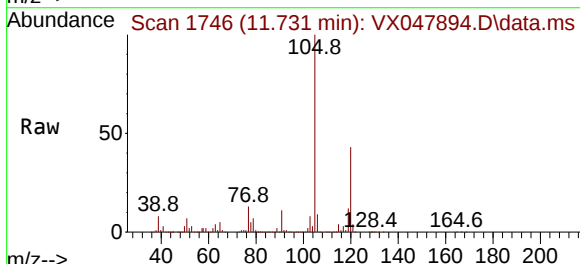
Tgt Ion:119 Resp: 347894
Ion Ratio Lower Upper
119 100
91 58.1 29.6 88.8
134 23.1 11.0 33.0

Manual Integrations
APPROVED

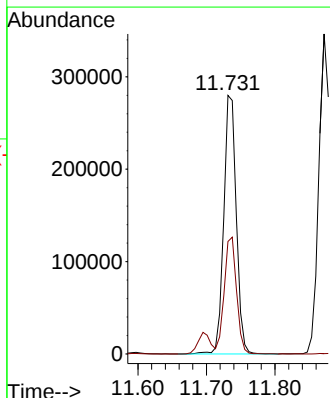
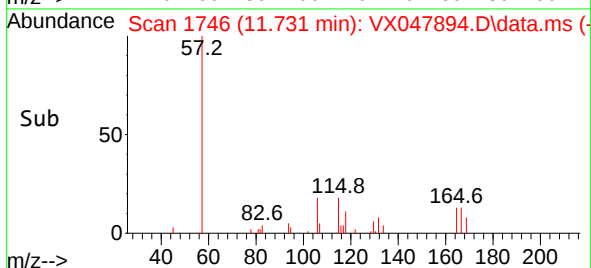
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

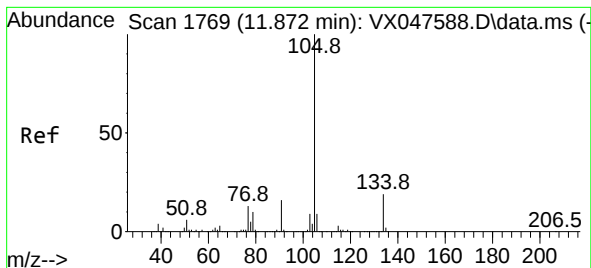


#84
1,2,4-Trimethylbenzene
Concen: 47.757 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



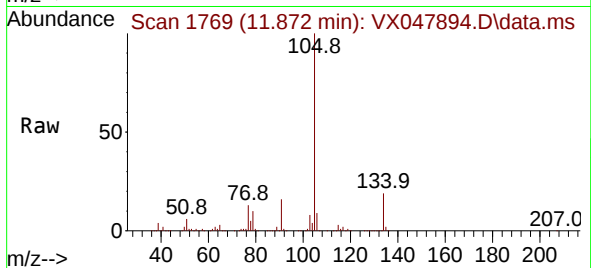
Tgt Ion:105 Resp: 353530
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 46.884 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047894.D
 Acq: 29 Sep 2025 18:49

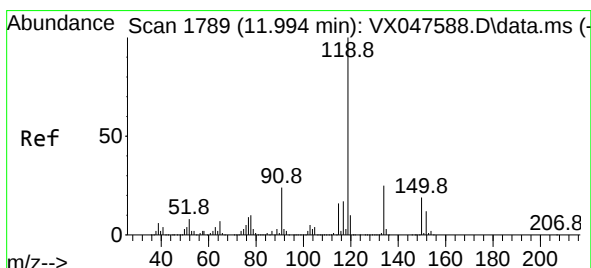
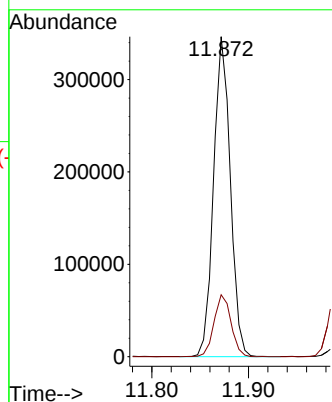
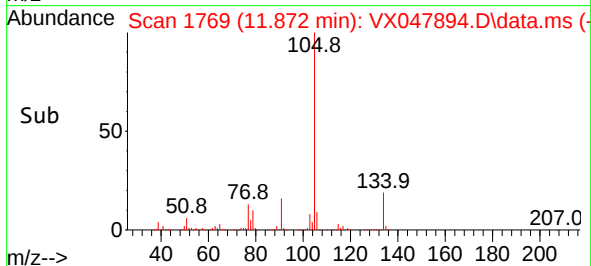
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



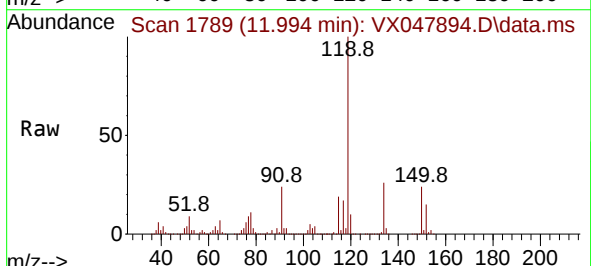
Tgt Ion:105 Resp: 416252
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

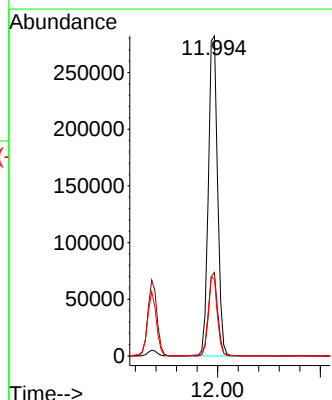
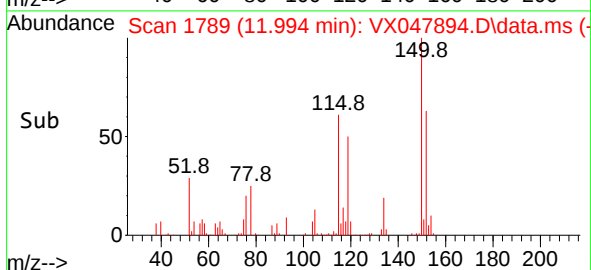
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

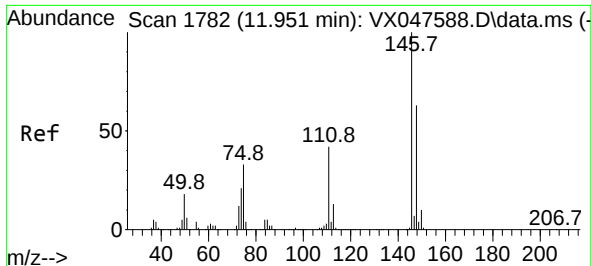


#86
 p-Isopropyltoluene
 Concen: 46.630 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047894.D
 Acq: 29 Sep 2025 18:49



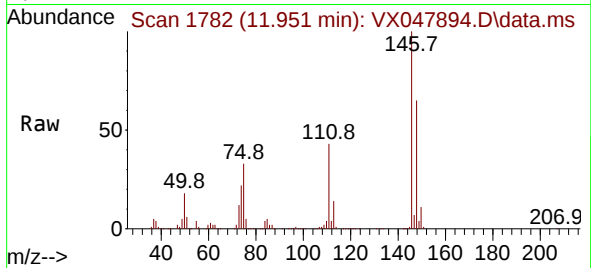
Tgt Ion:119 Resp: 350486
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.6 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 47.710 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

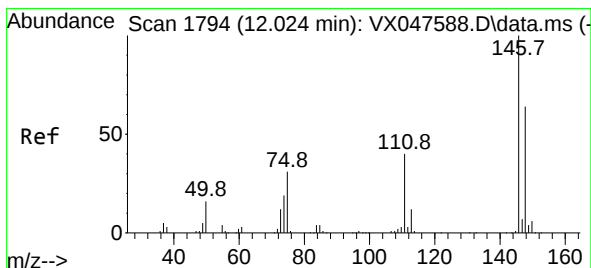
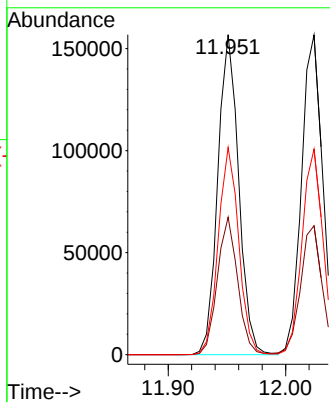
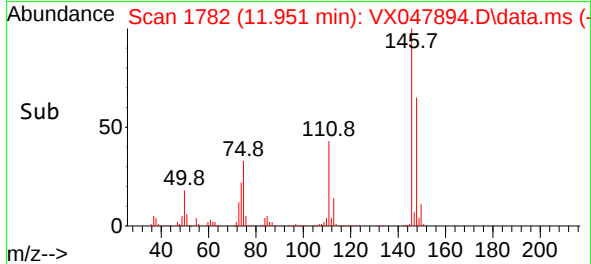
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



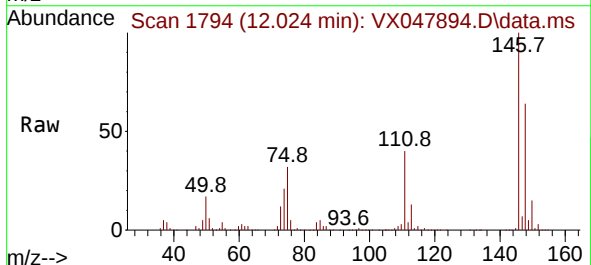
Tgt Ion:146 Resp: 19397
Ion Ratio Lower Upper
146 100
111 41.9 21.5 64.5
148 63.6 32.0 96.0

Manual Integrations
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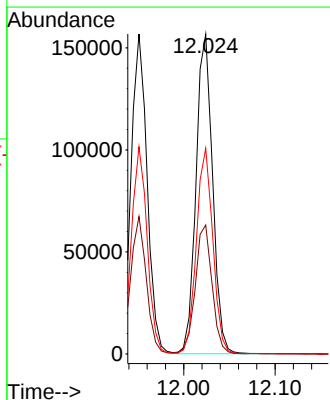
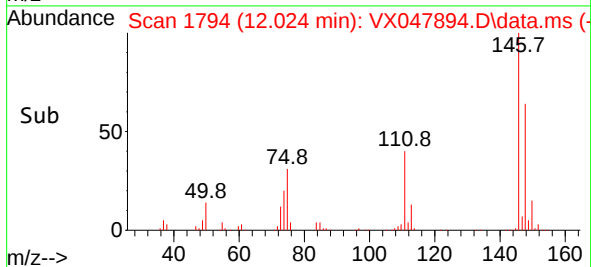
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

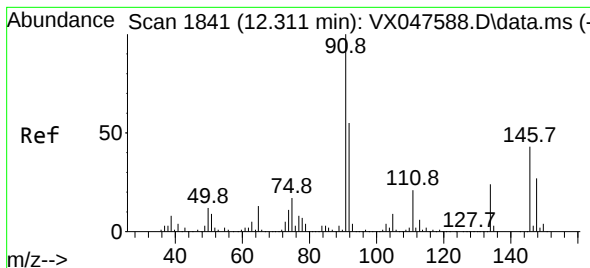


#88
1,4-Dichlorobenzene
Concen: 47.220 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



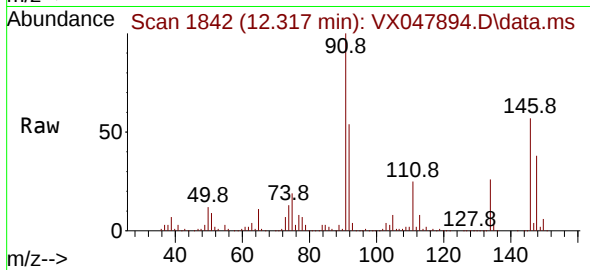
Tgt Ion:146 Resp: 197037
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.4
148 64.2 31.7 95.1





#89
n-Butylbenzene
Concen: 45.935 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

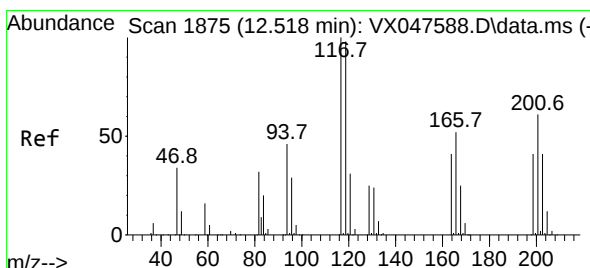
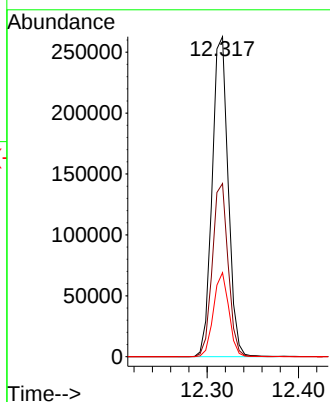
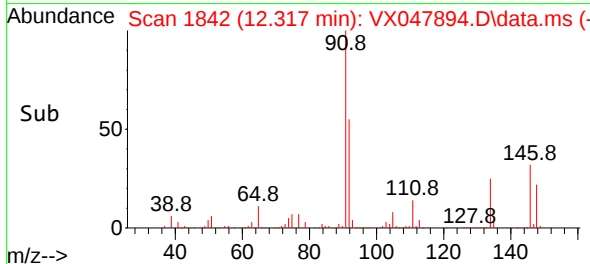
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 319474
Ion Ratio Lower Upper
91 100
92 53.5 27.6 82.7
134 25.2 12.6 37.8

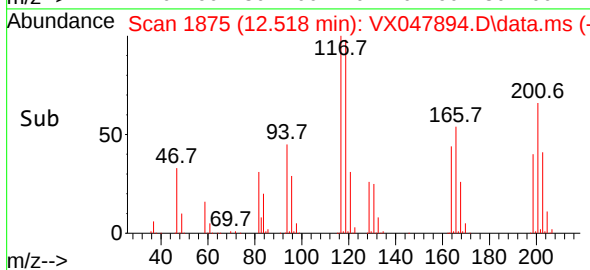
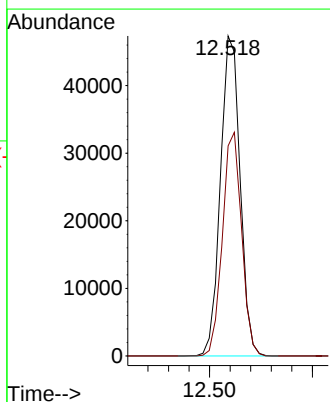
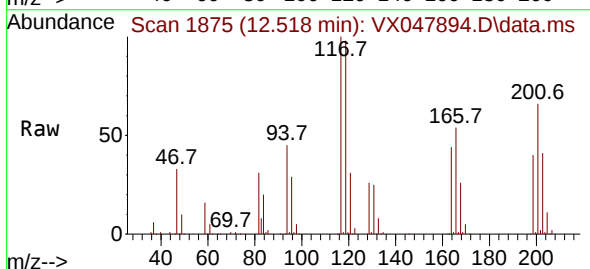
Manual Integrations
APPROVED

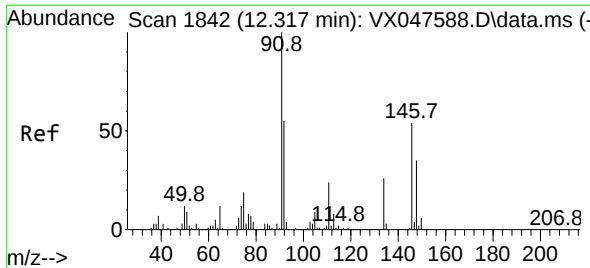
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#90
Hexachloroethane
Concen: 47.526 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

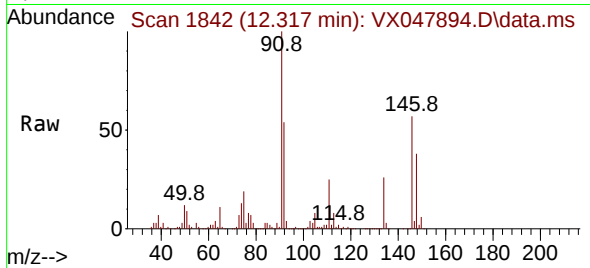
Tgt Ion:117 Resp: 62717
Ion Ratio Lower Upper
117 100
201 68.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 48.507 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

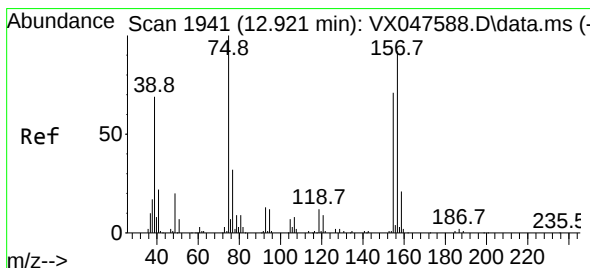
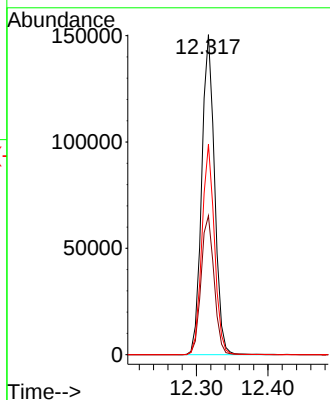
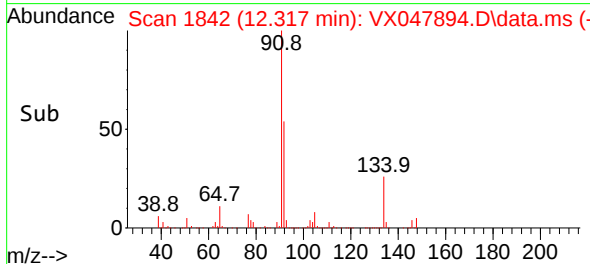
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



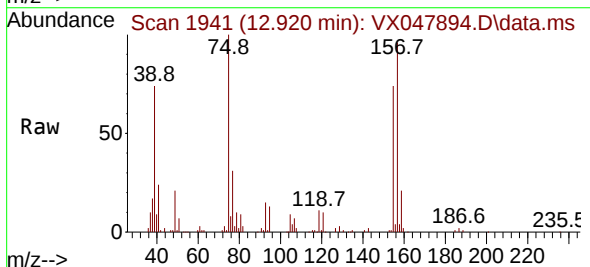
Tgt Ion:146 Resp: 187880
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 64.3 31.8 95.4

Manual Integrations
APPROVED

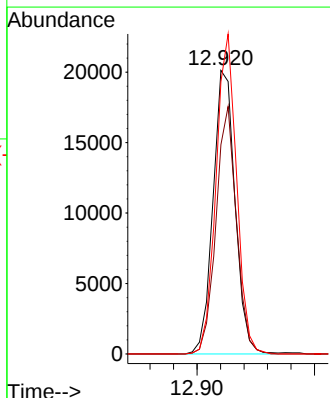
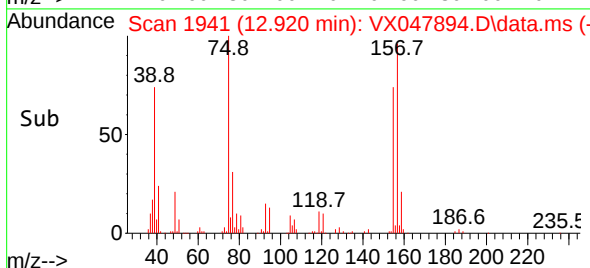
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

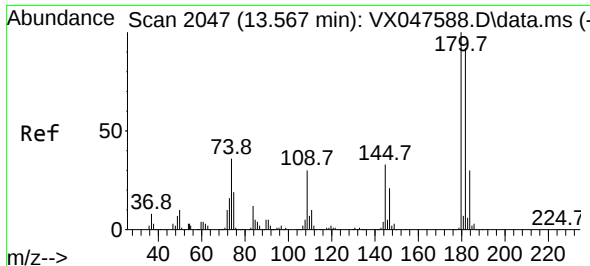


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.175 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



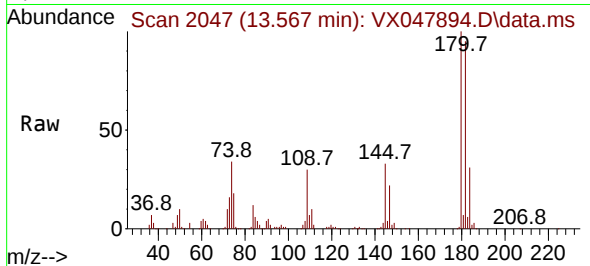
Tgt Ion: 75 Resp: 26226
Ion Ratio Lower Upper
75 100
155 81.3 37.7 113.1
157 105.2 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 44.998 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

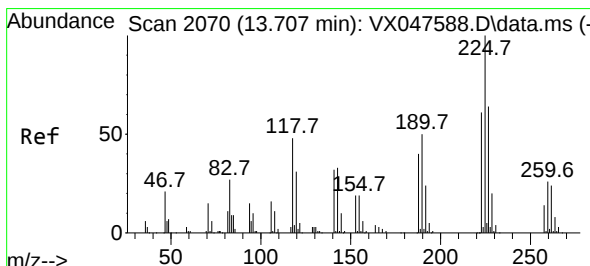
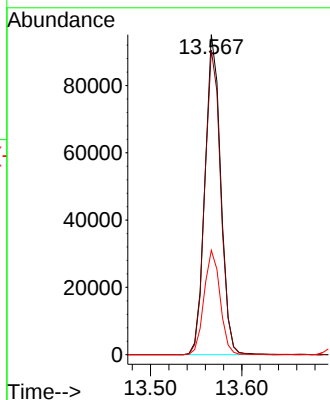
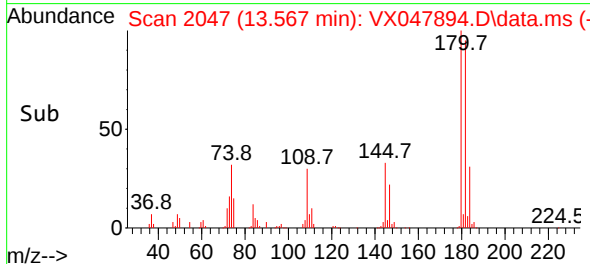
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



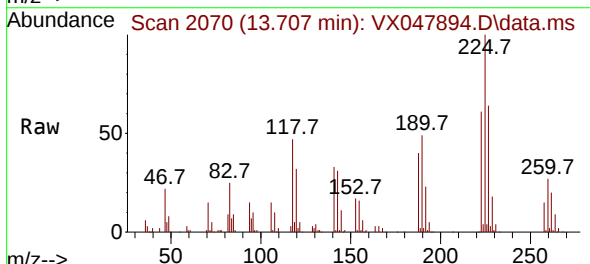
Tgt Ion:180 Resp: 113275
Ion Ratio Lower Upper
180 100
182 96.5 46.6 139.8
145 33.2 16.4 49.1

Manual Integrations
APPROVED

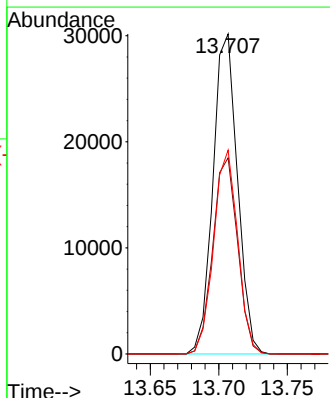
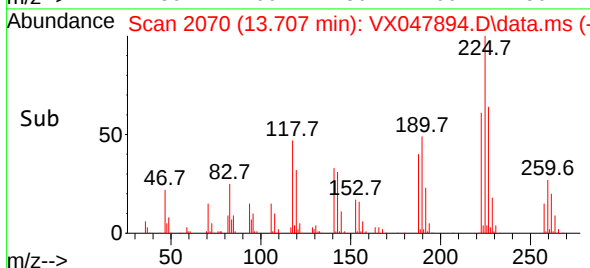
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

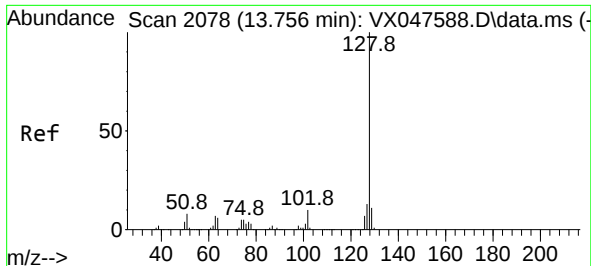


#94
Hexachlorobutadiene
Concen: 43.795 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49



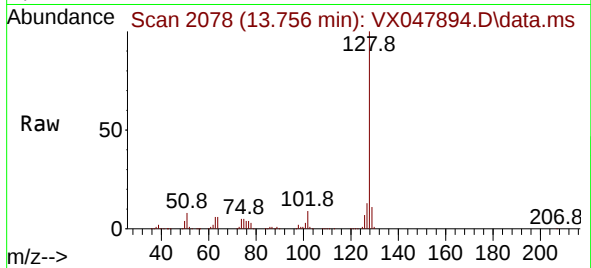
Tgt Ion:225 Resp: 37447
Ion Ratio Lower Upper
225 100
223 62.1 31.7 95.1
227 62.6 32.0 96.0





#95
Naphthalene
Concen: 48.390 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

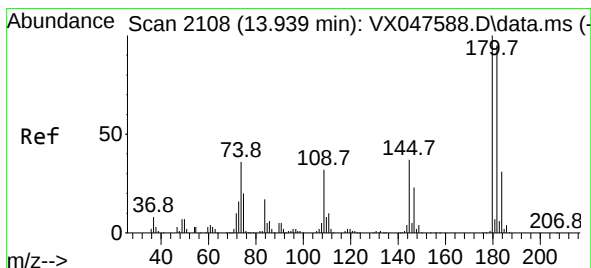
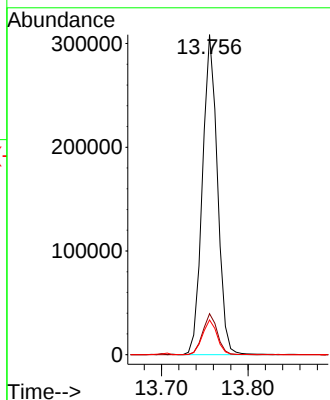
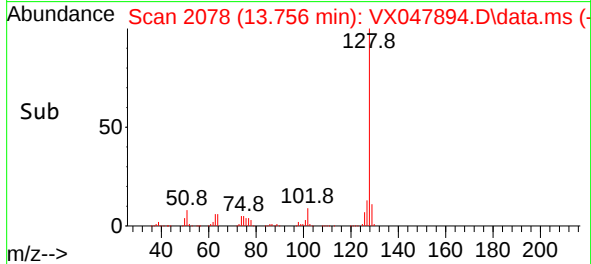
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 37093
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.742 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047894.D
Acq: 29 Sep 2025 18:49

Tgt Ion:180 Resp: 109453
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.8
145 34.7 17.9 53.7

