

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047769.D
 Acq On : 24 Sep 2025 11:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 25 01:11:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	144936	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	262651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	234932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	125490	54.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.367	113	96384	54.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	8.635	98	323192	53.025	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.060%			
62) 4-Bromofluorobenzene	11.061	95	121324	52.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	89442	59.595	ug/l	97
3) Chloromethane	1.301	50	110955	56.251	ug/l	100
4) Vinyl Chloride	1.380	62	105587	54.684	ug/l	100
5) Bromomethane	1.618	94	67448	55.087	ug/l	95
6) Chloroethane	1.691	64	68714	53.245	ug/l	100
7) Trichlorofluoromethane	1.892	101	148967	51.960	ug/l	97
8) Diethyl Ether	2.136	74	63740	54.350	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	87886	52.426	ug/l	100
10) Methyl Iodide	2.453	142	133625	51.110	ug/l	100
11) Tert butyl alcohol	2.941	59	72643	282.723	ug/l	100
12) 1,1-Dichloroethene	2.319	96	89522	51.987	ug/l	95
13) Acrolein	2.233	56	66500	280.858	ug/l	98
14) Allyl chloride	2.660	41	167585	47.162	ug/l	96
15) Acrylonitrile	3.056	53	295866	310.874	ug/l	99
16) Acetone	2.374	43	237549	236.815	ug/l	99
17) Carbon Disulfide	2.514	76	248080	52.625	ug/l	99
18) Methyl Acetate	2.697	43	138191	61.903	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	344812	54.854	ug/l	100
20) Methylene Chloride	2.782	84	114851	54.091	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	98912	53.353	ug/l	100
22) Diisopropyl ether	3.745	45	374002	54.309	ug/l #	81
23) Vinyl Acetate	3.709	43	1524747	276.642	ug/l	100
24) 1,1-Dichloroethane	3.605	63	193428	52.845	ug/l	99
25) 2-Butanone	4.538	43	357769	285.932	ug/l	99
26) 2,2-Dichloropropane	4.465	77	69736	22.920	ug/l	91
27) cis-1,2-Dichloroethene	4.471	96	120574	53.106	ug/l	93
28) Bromochloromethane	4.879	49	84604	52.945	ug/l	99
29) Tetrahydrofuran	4.983	42	224794	298.644	ug/l	99
30) Chloroform	5.074	83	196569	53.144	ug/l	97
31) Cyclohexane	5.452	56	152895	50.154	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	160765	51.242	ug/l	99
36) 1,1-Dichloropropene	5.678	75	124159	48.237	ug/l	98
37) Ethyl Acetate	4.696	43	151768	55.069	ug/l	99
38) Carbon Tetrachloride	5.666	117	135392	48.413	ug/l	100
39) Methylcyclohexane	7.361	83	141473	48.420	ug/l	100
40) Benzene	6.019	78	404676	51.764	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	82213	57.784	ug/l	98
42) 1,2-Dichloroethane	6.068	62	151181	50.825	ug/l	98
43) Isopropyl Acetate	6.318	43	249260	55.147	ug/l	98
44) Trichloroethene	7.111	130	98697	52.220	ug/l	92
45) 1,2-Dichloropropane	7.409	63	105950	52.927	ug/l	98
46) Dibromomethane	7.562	93	77988	53.536	ug/l	98
47) Bromodichloromethane	7.806	83	157033	52.239	ug/l	96
48) Methyl methacrylate	7.678	41	125046	55.541	ug/l	98
49) 1,4-Dioxane	7.647	88	31029	1363.725	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	743688	296.757	ug/l	100
52) Toluene	8.702	92	246870	51.255	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	142087	46.340	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	152733	46.603	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	100531	54.130	ug/l	99
56) Ethyl methacrylate	9.098	69	163699	56.125	ug/l	97
57) 1,3-Dichloropropane	9.293	76	173795	54.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	416075	295.083	ug/l	99
59) 2-Hexanone	9.415	43	523995	291.132	ug/l	99
60) Dibromochloromethane	9.507	129	114327	53.426	ug/l	98
61) 1,2-Dibromoethane	9.592	107	104712	55.355	ug/l	99
64) Tetrachloroethene	9.257	164	80858	52.796	ug/l	97
65) Chlorobenzene	10.061	112	268000	50.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	94676	51.406	ug/l	99
67) Ethyl Benzene	10.177	91	458381	49.776	ug/l	98
68) m/p-Xylenes	10.287	106	345991	100.941	ug/l	99
69) o-Xylene	10.622	106	169360	51.084	ug/l	98
70) Styrene	10.640	104	298721	51.423	ug/l	98
71) Bromoform	10.781	173	74635	54.272	ug/l	98
73) Isopropylbenzene	10.945	105	425664	49.073	ug/l	100
74) N-amyl acetate	10.823	43	213456	53.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	142930	54.463	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	113356m	49.071	ug/l	
77) Bromobenzene	11.183	156	108405	50.743	ug/l	96
78) n-propylbenzene	11.287	91	500892	48.849	ug/l	100
79) 2-Chlorotoluene	11.348	91	308064	49.053	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	351131	49.271	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	36657	40.467	ug/l	98
82) 4-Chlorotoluene	11.439	91	361984	48.802	ug/l	98
83) tert-Butylbenzene	11.695	119	352077	48.261	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	355686	49.229	ug/l	100
85) sec-Butylbenzene	11.872	105	425279	49.078	ug/l	99
86) p-Isopropyltoluene	11.988	119	358328	48.845	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	194346	48.977	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	197165	48.412	ug/l	100
89) n-Butylbenzene	12.311	91	320524	47.219	ug/l	99
90) Hexachloroethane	12.518	117	62680	48.665	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	191801	50.735	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	28256	53.180	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	121509	49.455	ug/l	99
94) Hexachlorobutadiene	13.707	225	38612	46.267	ug/l	98
95) Naphthalene	13.756	128	395438	52.855	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	116383	50.922	ug/l	99

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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

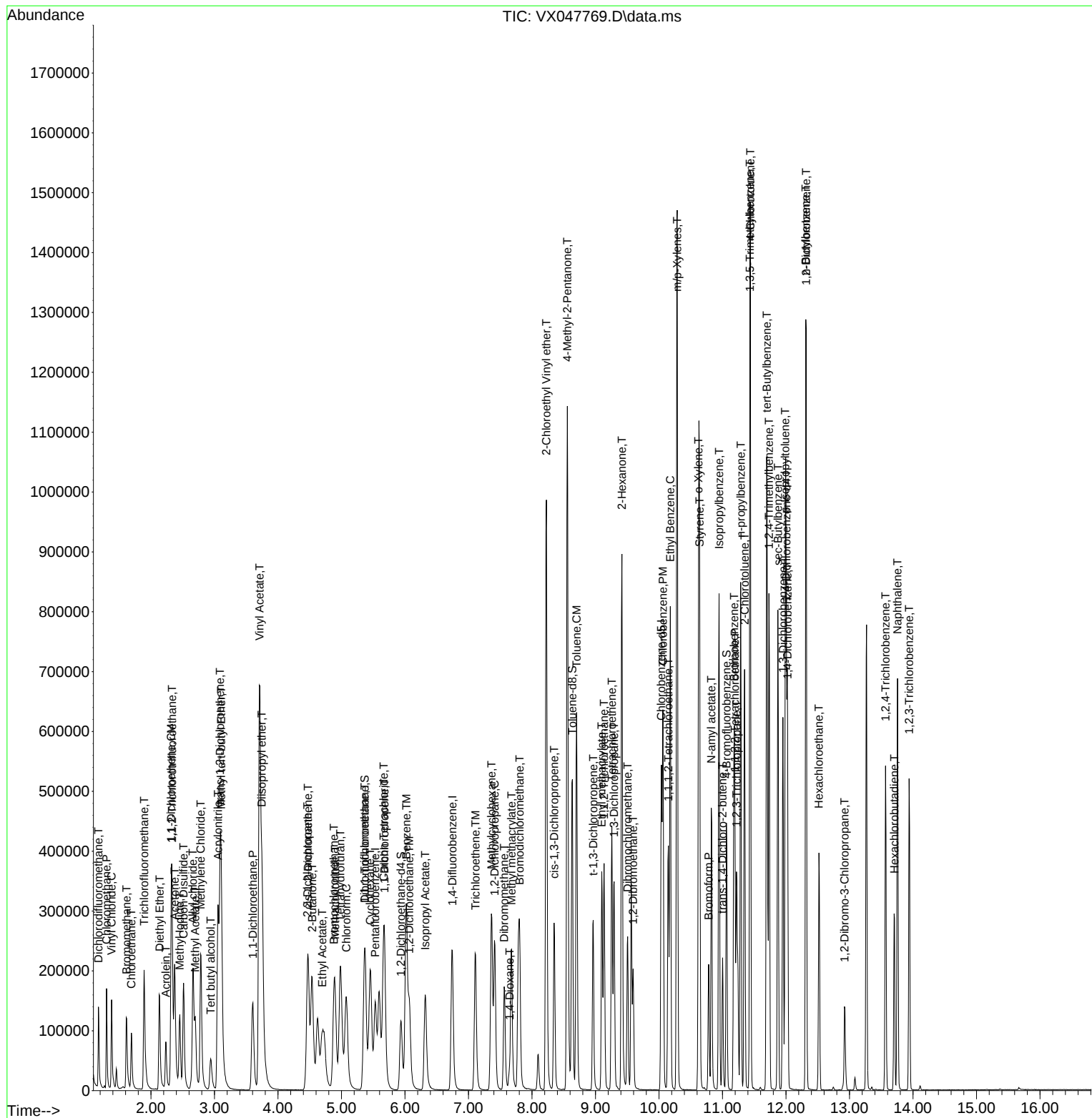
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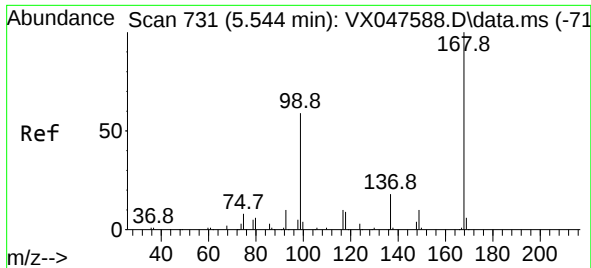
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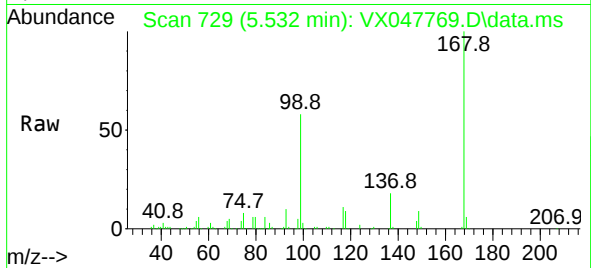
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047769.D
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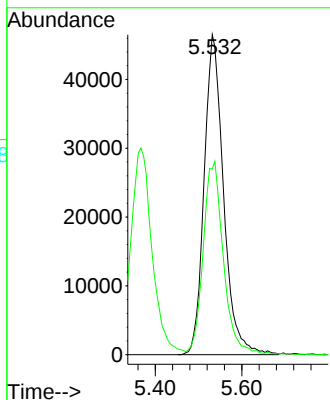
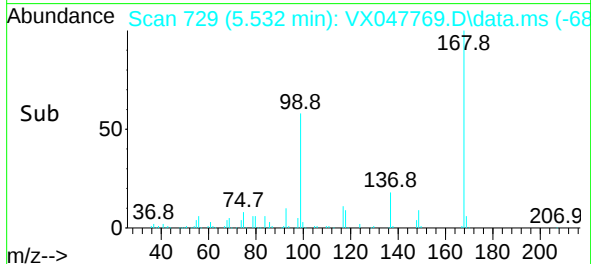
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 144936
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2

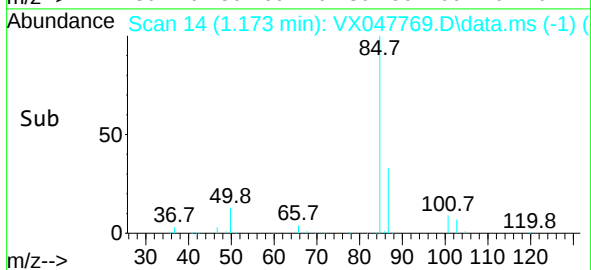
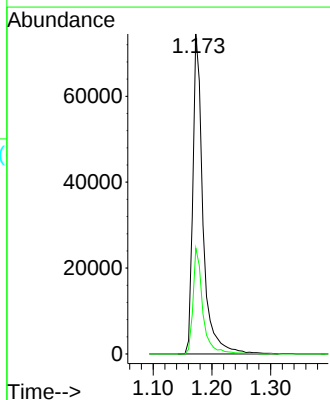
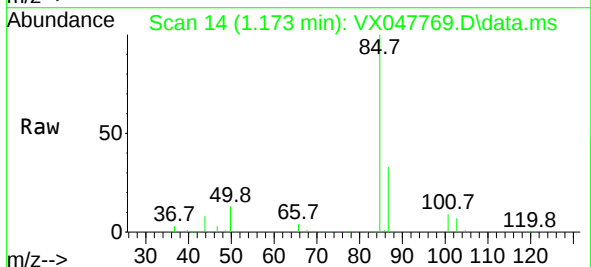
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#2
Dichlorodifluoromethane
Concen: 59.595 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

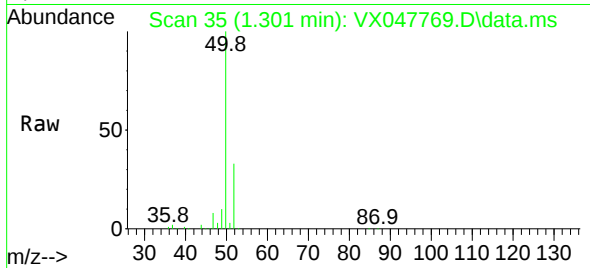
Tgt Ion: 85 Resp: 89442
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.3





#3
Chloromethane
Concen: 56.251 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

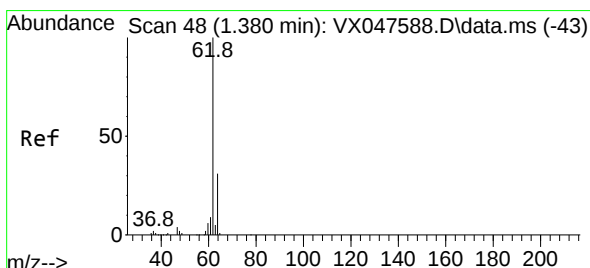
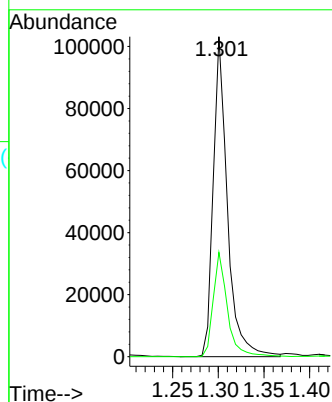
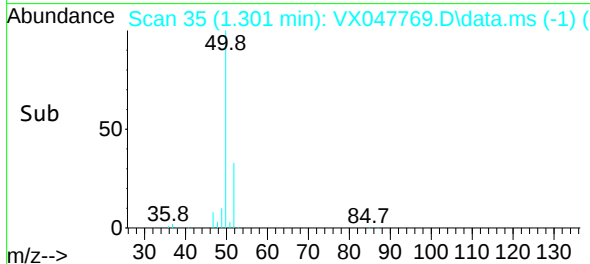
Instrument :
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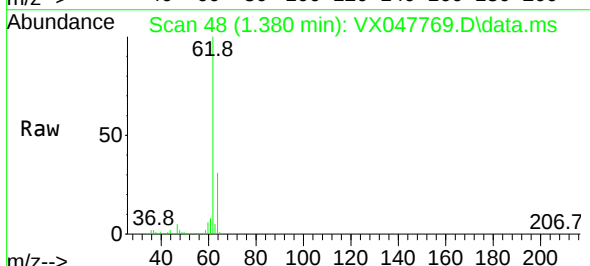
Tgt Ion: 50 Resp: 11095
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

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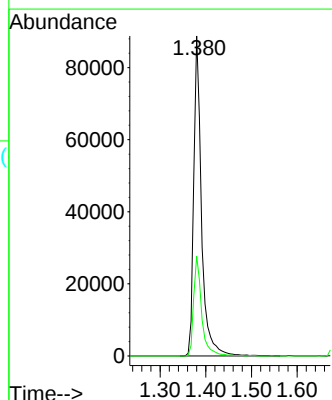
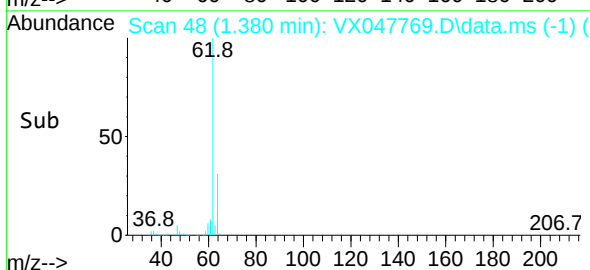
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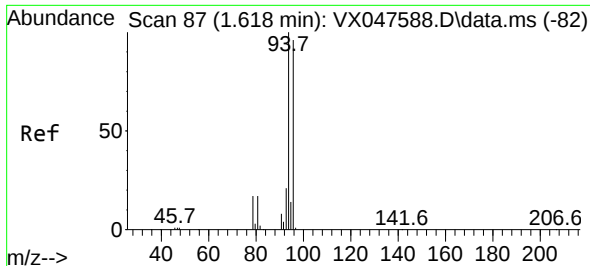


#4
Vinyl Chloride
Concen: 54.684 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



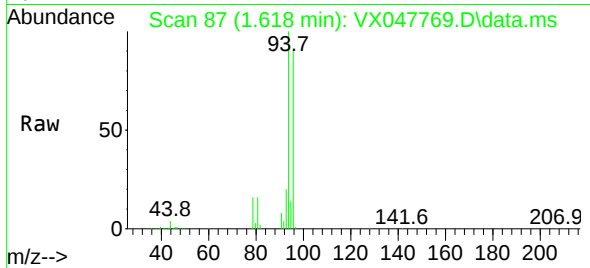
Tgt Ion: 62 Resp: 105587
Ion Ratio Lower Upper
62 100
64 31.2 24.9 37.3





#5
Bromomethane
Concen: 55.087 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

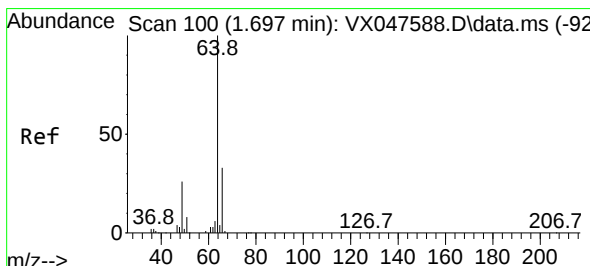
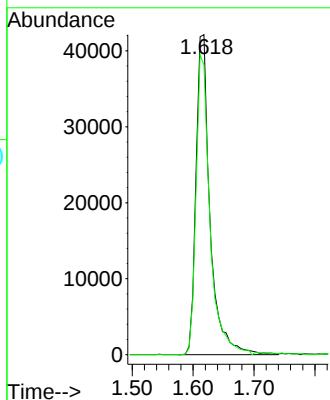
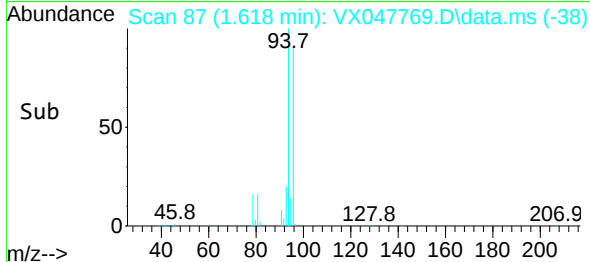
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Tgt Ion: 94 Resp: 67448
Ion Ratio Lower Upper
94 100
96 90.5 76.6 115.0

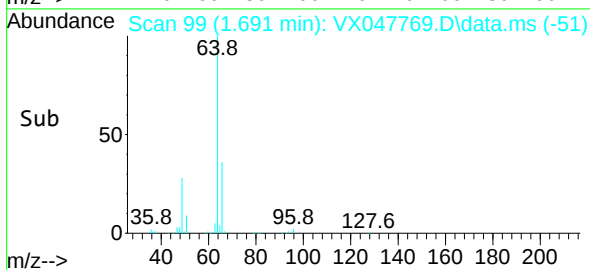
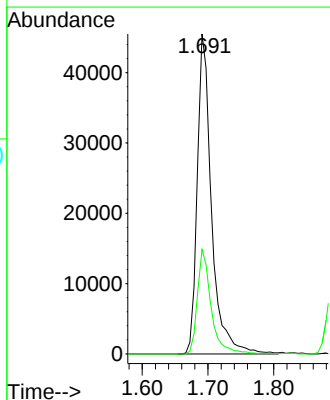
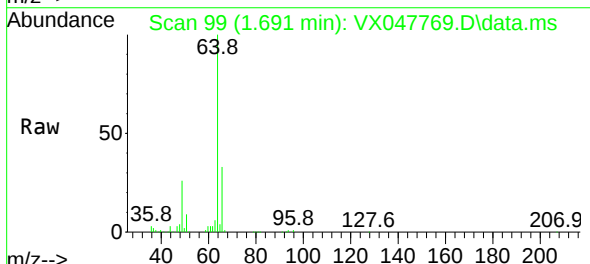
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#6
Chloroethane
Concen: 53.245 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
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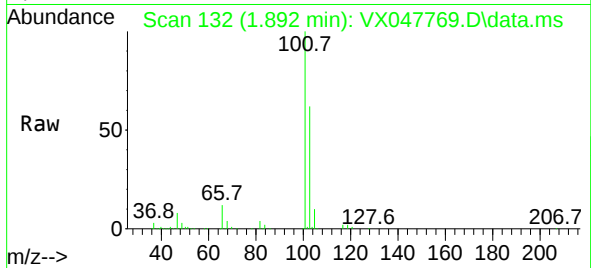
Tgt Ion: 64 Resp: 68714
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 51.960 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

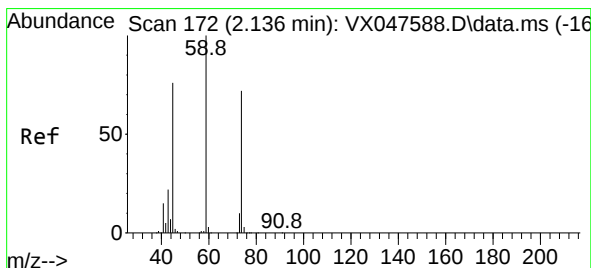
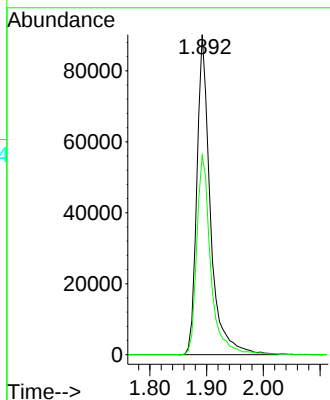
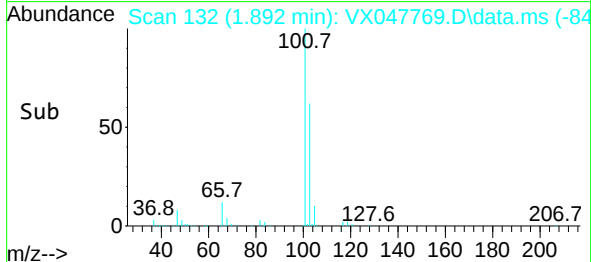
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 14896
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2

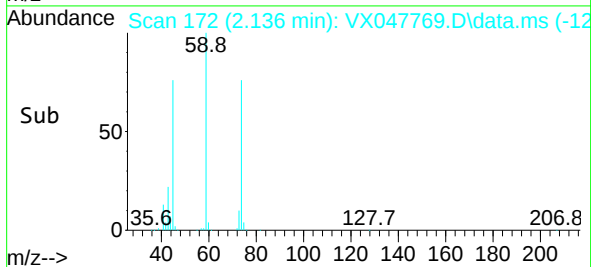
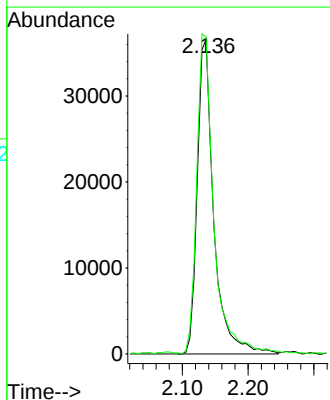
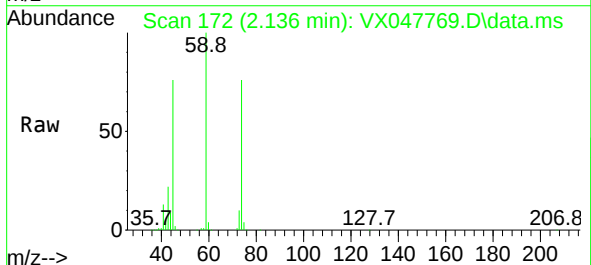
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#8
Diethyl Ether
Concen: 54.350 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047769.D
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Tgt Ion: 74 Resp: 63740
Ion Ratio Lower Upper
74 100
45 106.5 52.3 156.8





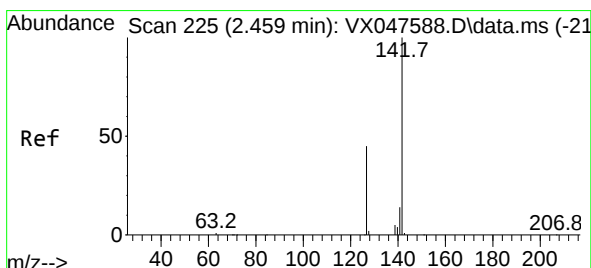
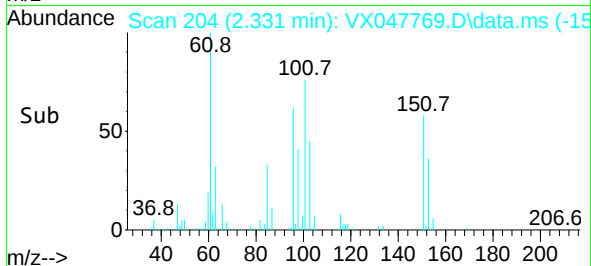
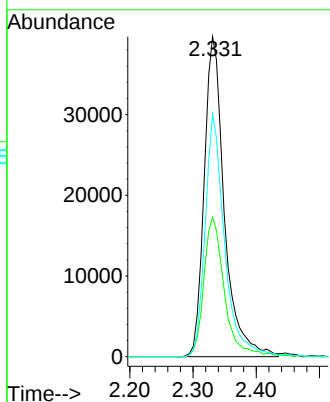
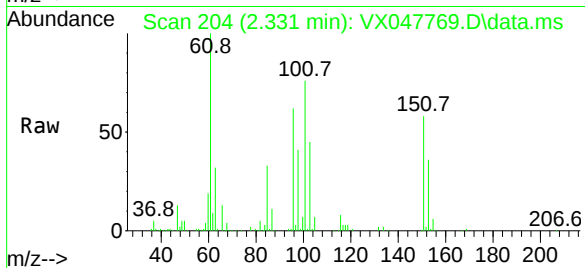
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.426 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 87880
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 73.6 59.4 89.0

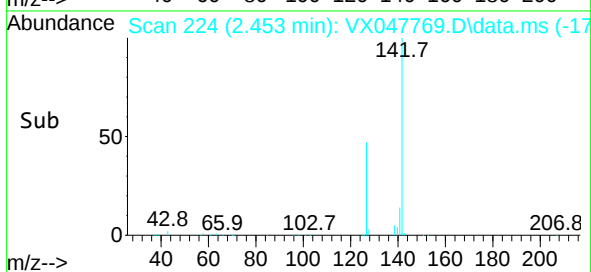
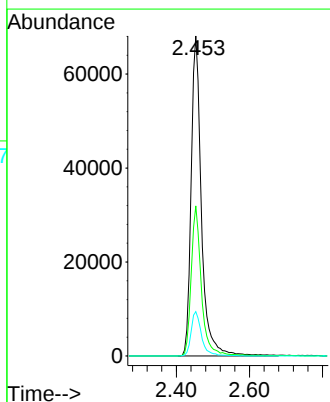
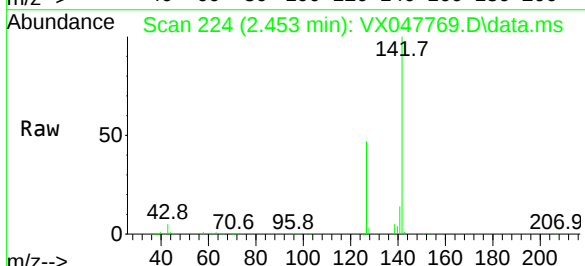
Manual Integrations
APPROVED

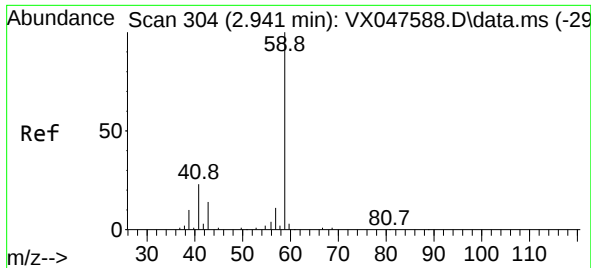
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 51.110 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

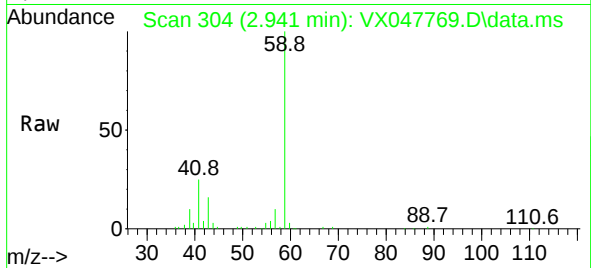
Tgt Ion:142 Resp: 133625
Ion Ratio Lower Upper
142 100
127 46.5 37.2 55.8
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 282.723 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

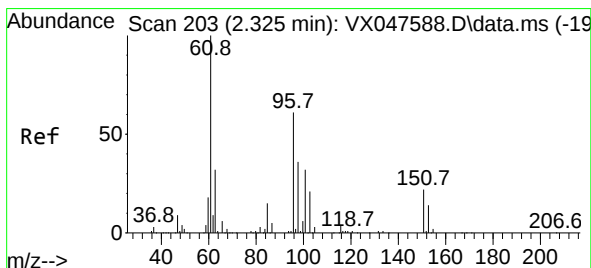
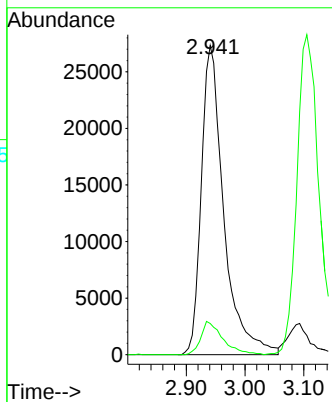
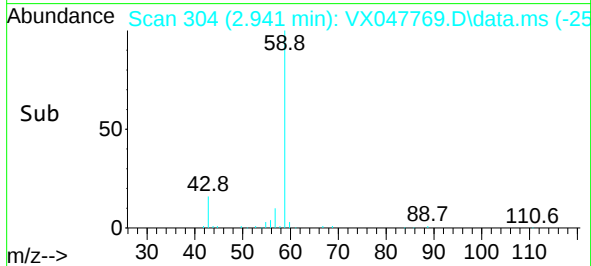
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



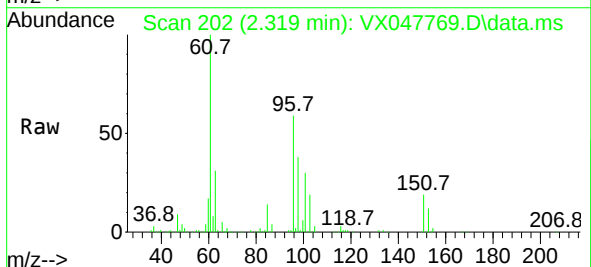
Tgt Ion: 59 Resp: 7264
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
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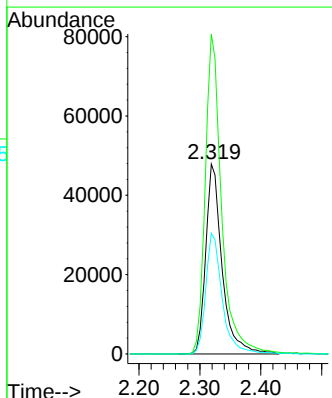
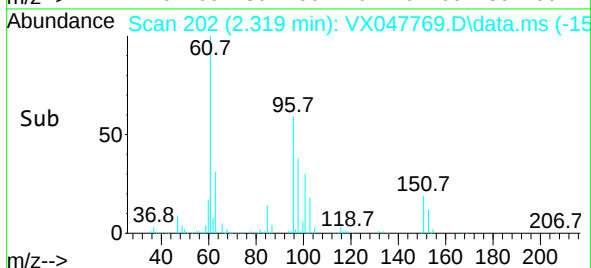
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

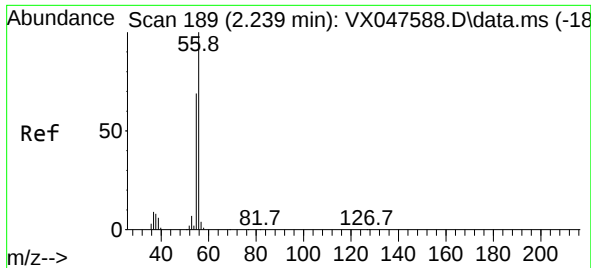


#12
1,1-Dichloroethene
Concen: 51.987 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



Tgt Ion: 96 Resp: 89522
Ion Ratio Lower Upper
96 100
61 168.4 131.0 196.6
98 65.2 47.7 71.5





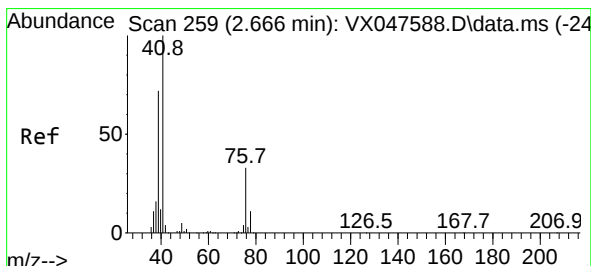
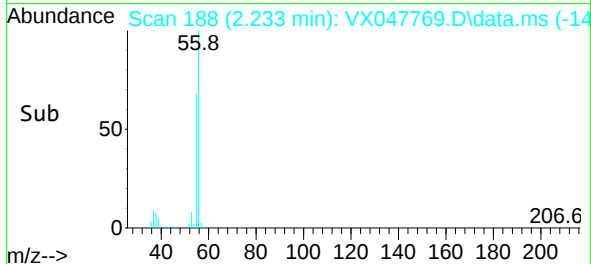
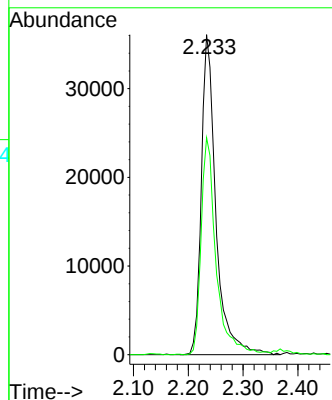
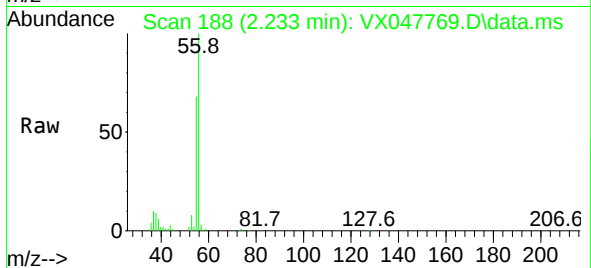
#13
Acrolein
Concen: 280.858 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 66500
Ion Ratio Lower Upper
56 100
55 69.7 57.2 85.8

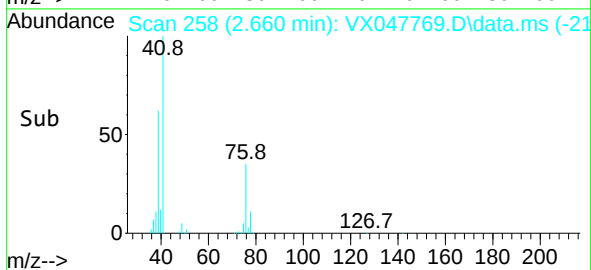
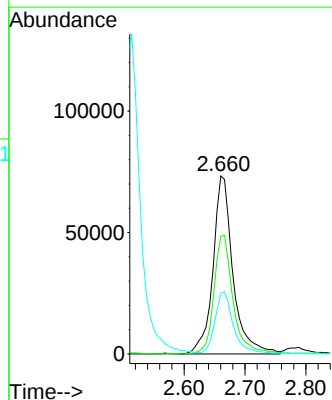
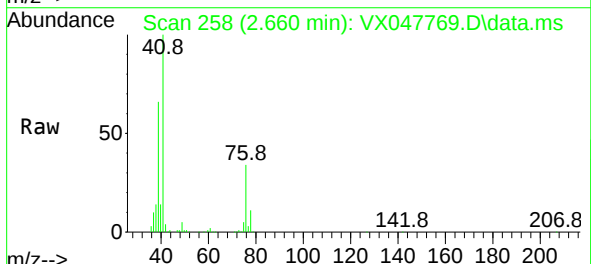
Manual Integrations
APPROVED

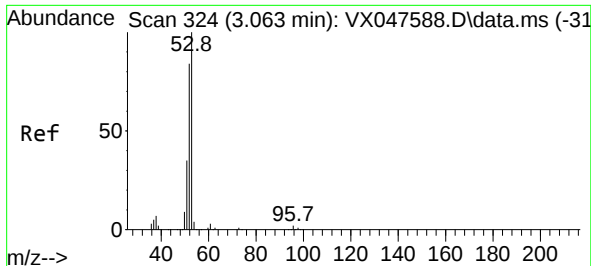
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#14
Allyl chloride
Concen: 47.162 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

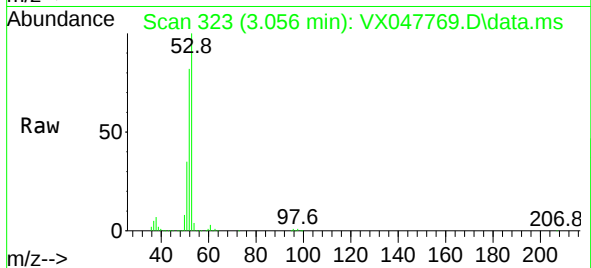
Tgt Ion: 41 Resp: 167585
Ion Ratio Lower Upper
41 100
39 63.8 54.7 82.1
76 32.5 25.7 38.5





#15
Acrylonitrile
Concen: 310.874 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

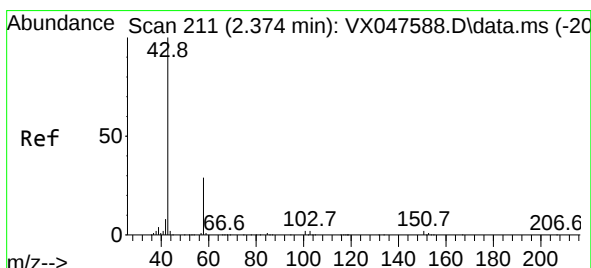
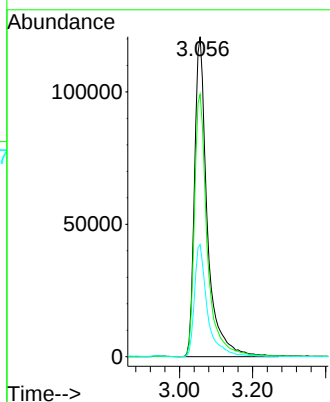
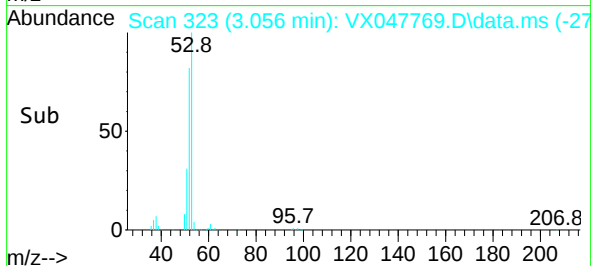
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 295860
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 35.7 29.5 44.3

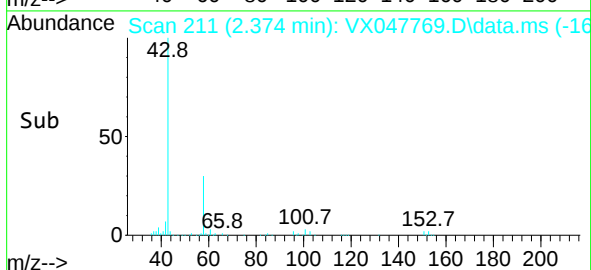
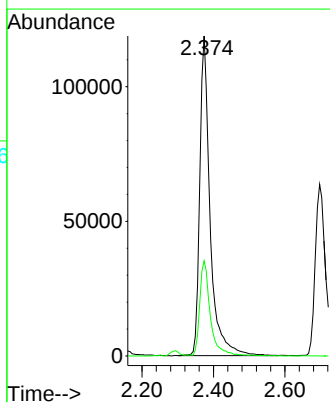
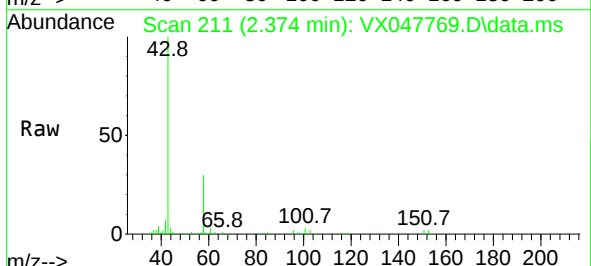
Manual Integrations
APPROVED

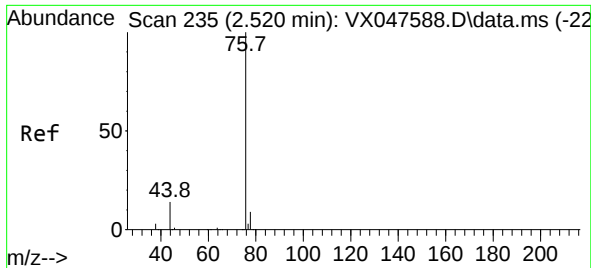
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 236.815 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Tgt Ion: 43 Resp: 237549
Ion Ratio Lower Upper
43 100
58 29.7 23.4 35.0





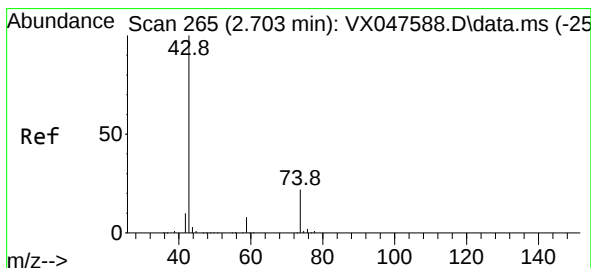
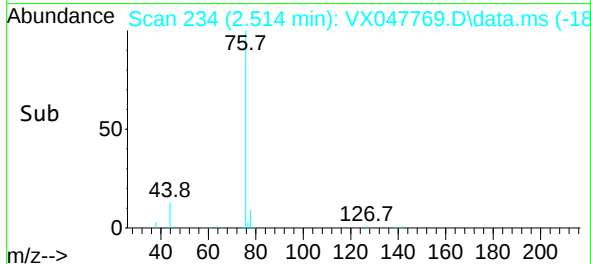
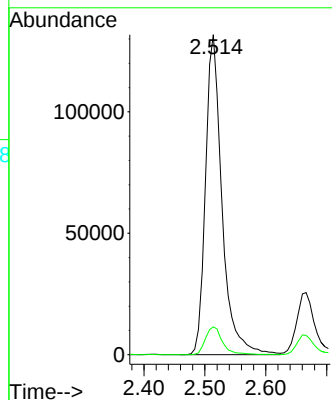
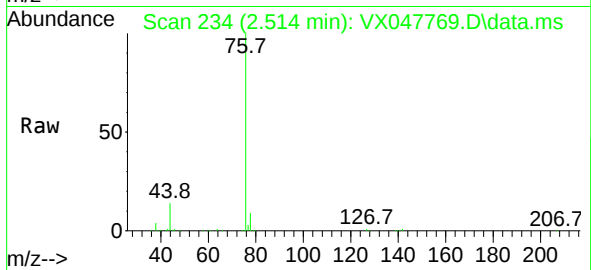
#17
Carbon Disulfide
Concen: 52.625 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 248080
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

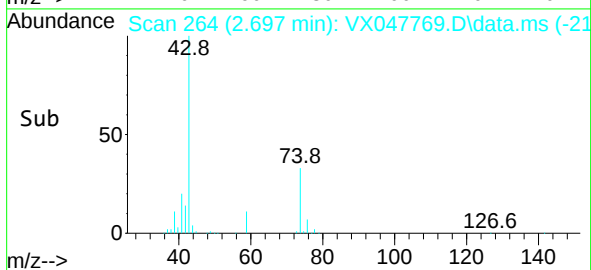
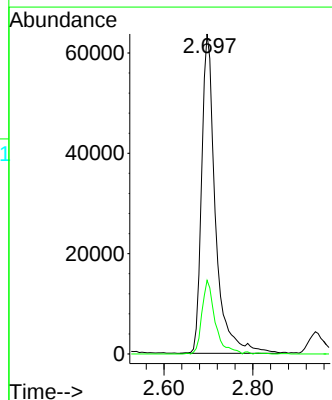
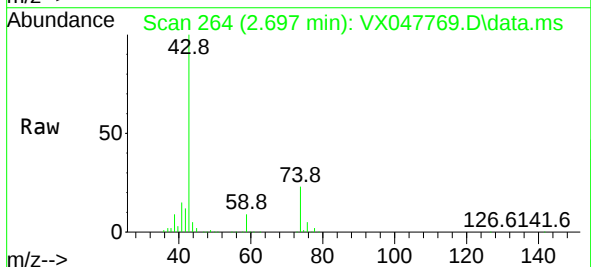
Manual Integrations
APPROVED

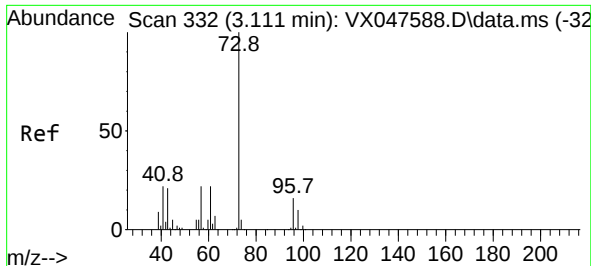
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#18
Methyl Acetate
Concen: 61.903 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

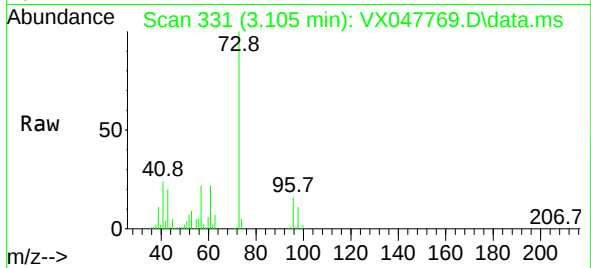
Tgt Ion: 43 Resp: 138191
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 54.854 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

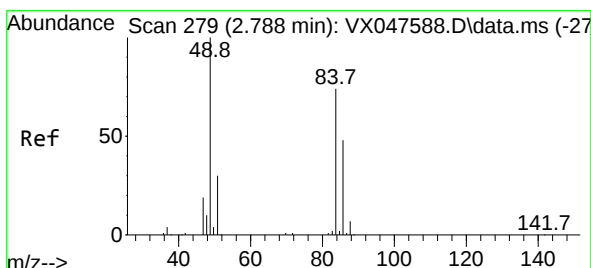
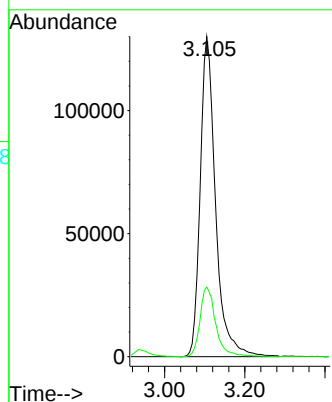
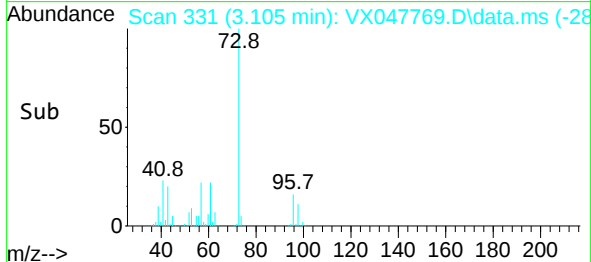
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 344812
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

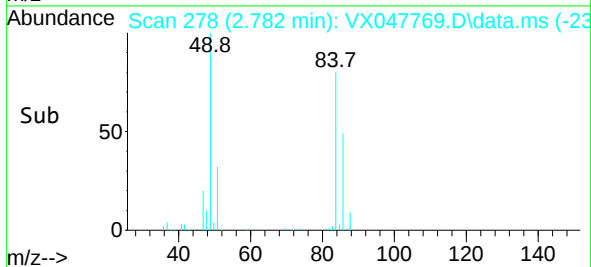
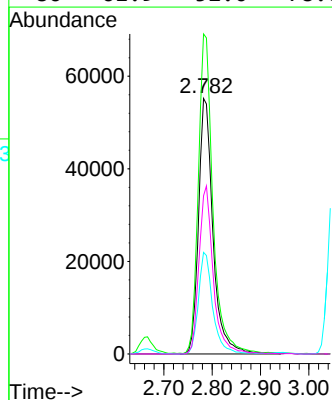
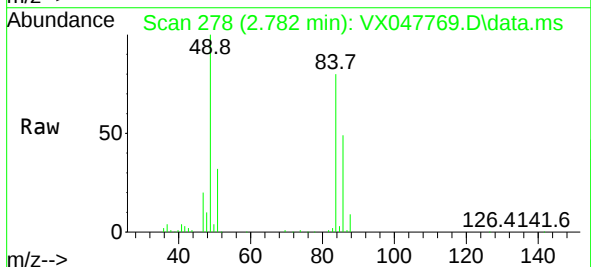
Manual Integrations
APPROVED

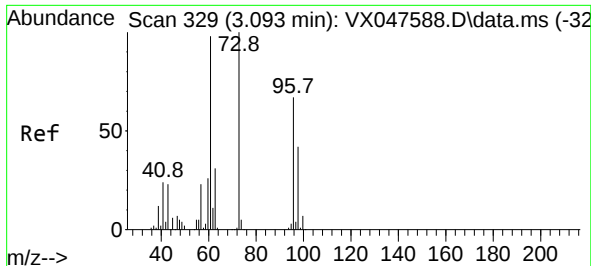
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 54.091 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

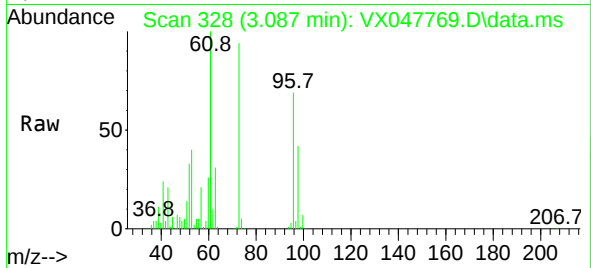
Tgt Ion: 84 Resp: 114851
Ion Ratio Lower Upper
84 100
49 124.9 108.6 162.8
51 39.7 32.6 48.8
86 61.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 53.353 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

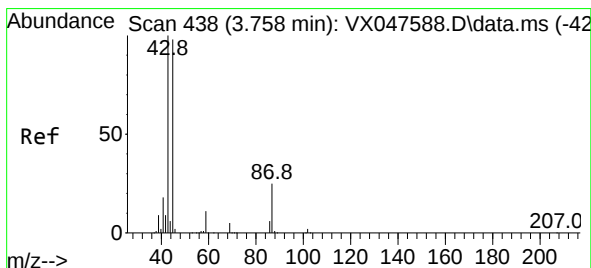
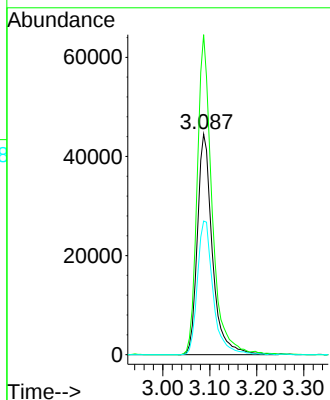
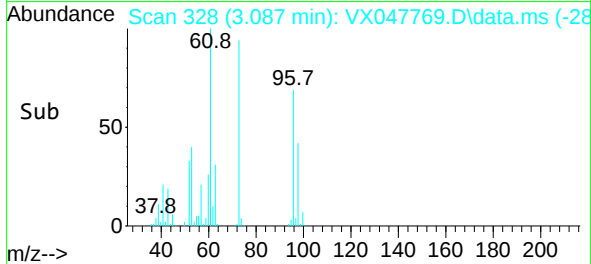
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 98912
Ion Ratio Lower Upper
96 100
61 145.1 116.2 174.2
98 60.5 49.3 73.9

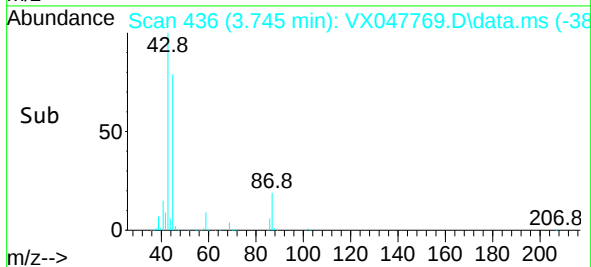
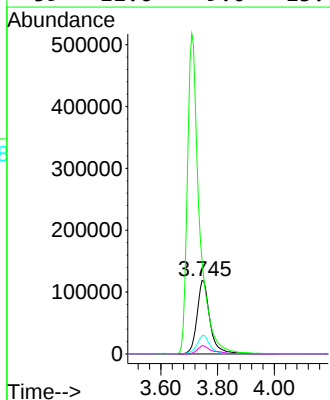
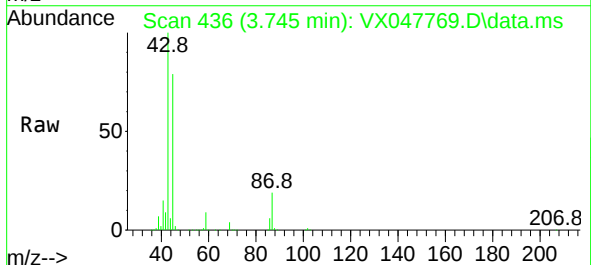
Manual Integrations
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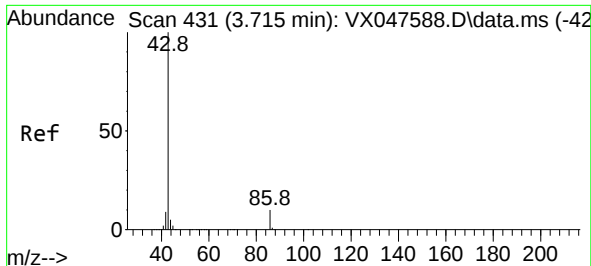
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 54.309 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

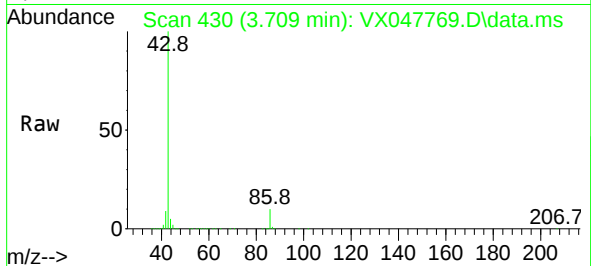
Tgt Ion: 45 Resp: 374002
Ion Ratio Lower Upper
45 100
43 126.9 81.0 121.4#
87 24.7 20.3 30.5
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 276.642 ug/l
 RT: 3.709 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX047769.D
 Acq: 24 Sep 2025 11:46

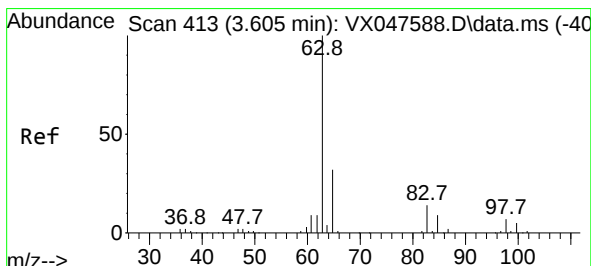
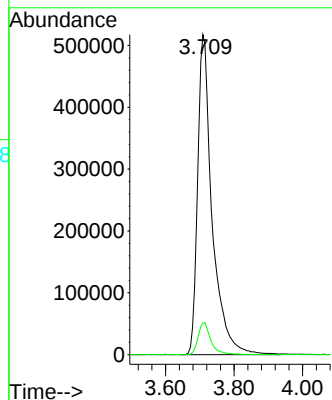
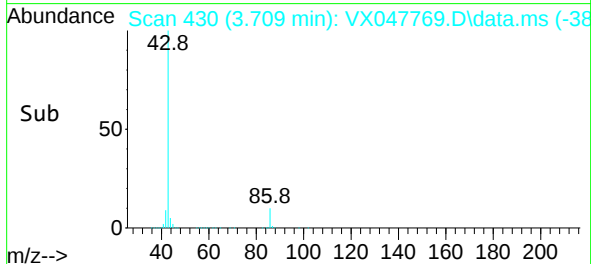
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



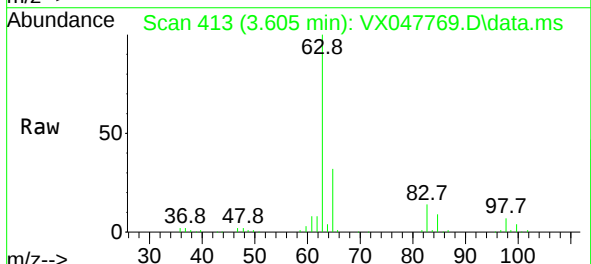
Tgt Ion: 43 Resp: 152474
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

Manual Integrations
 APPROVED

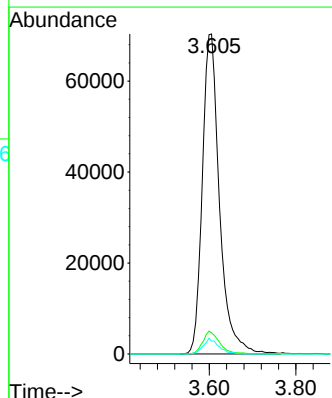
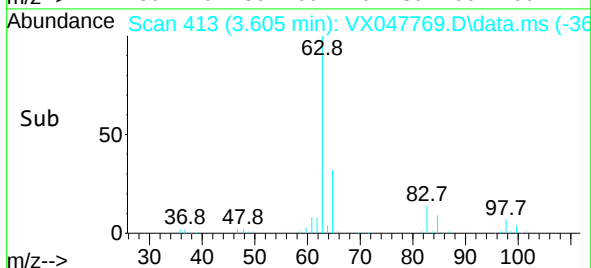
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

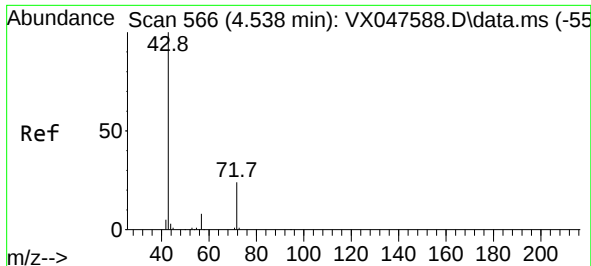


#24
 1,1-Dichloroethane
 Concen: 52.845 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX047769.D
 Acq: 24 Sep 2025 11:46



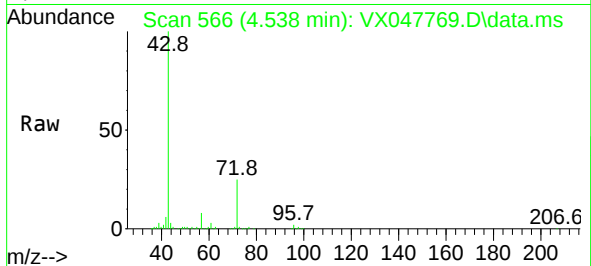
Tgt Ion: 63 Resp: 193428
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 285.932 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

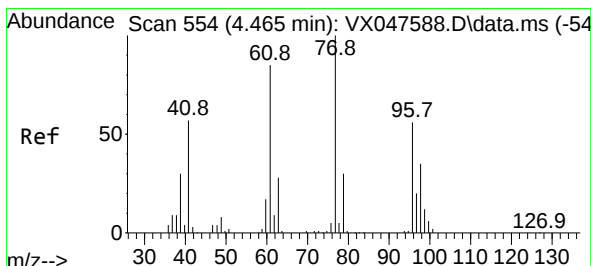
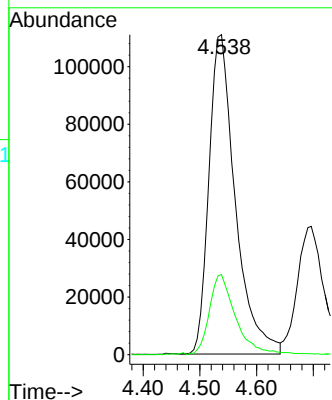
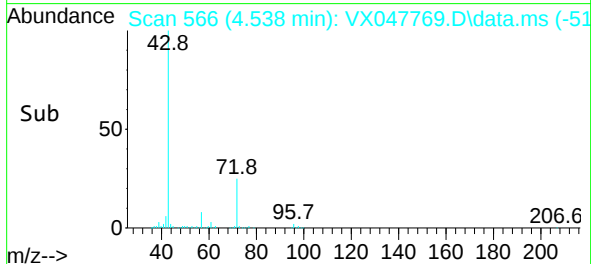
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 357769
Ion Ratio Lower Upper
43 100
72 24.7 20.1 30.1

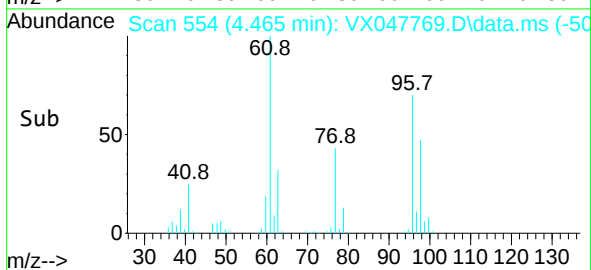
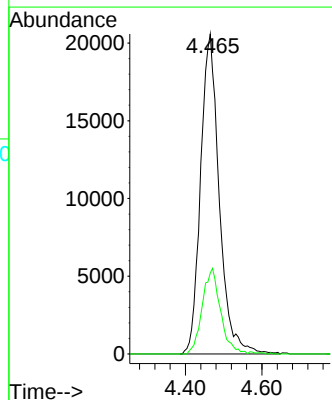
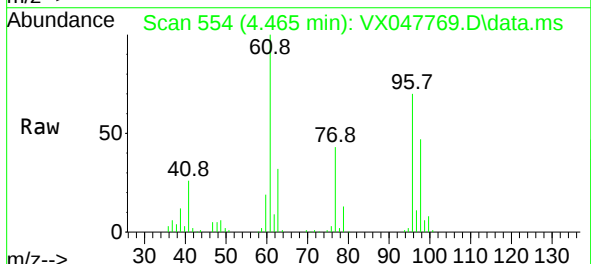
Manual Integrations
APPROVED

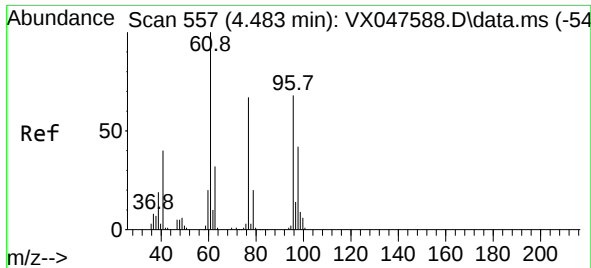
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 22.920 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

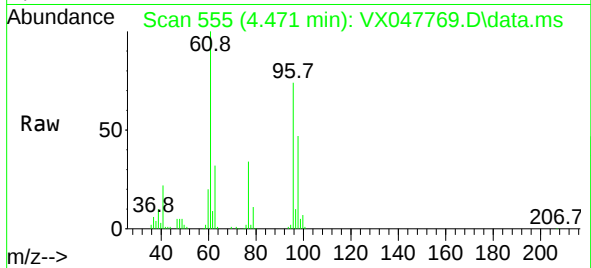
Tgt Ion: 77 Resp: 69736
Ion Ratio Lower Upper
77 100
97 26.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 53.106 ug/l
 RT: 4.471 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VX047769.D
 Acq: 24 Sep 2025 11:46

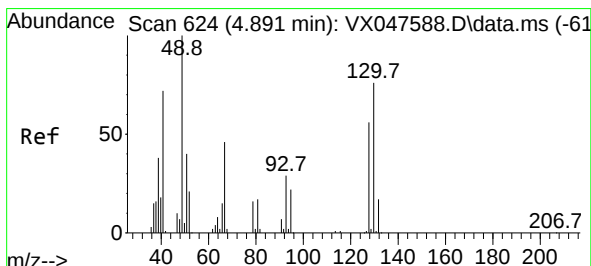
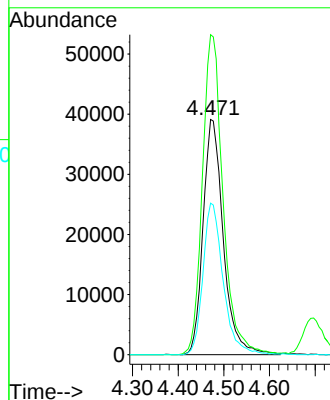
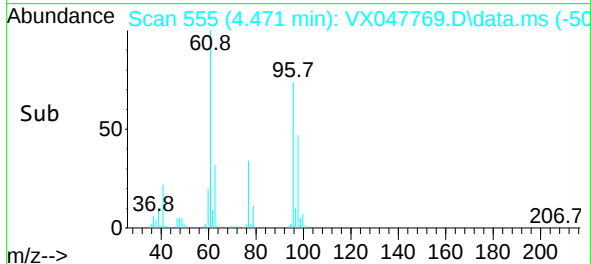
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 120574
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 303.2
 98 64.2 0.0 127.8

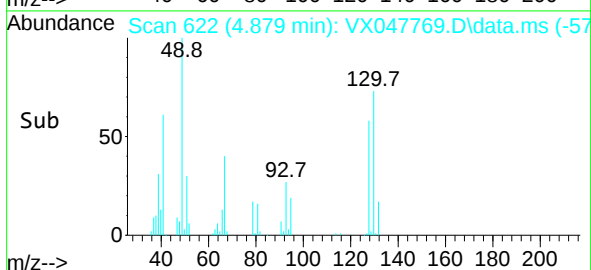
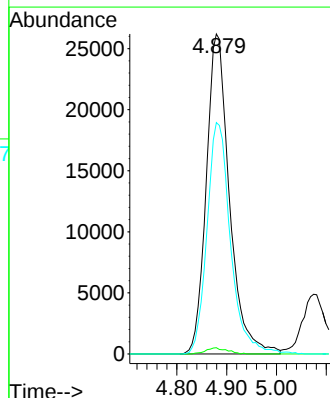
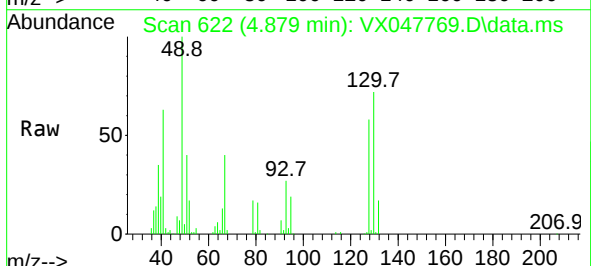
Manual Integrations
 APPROVED

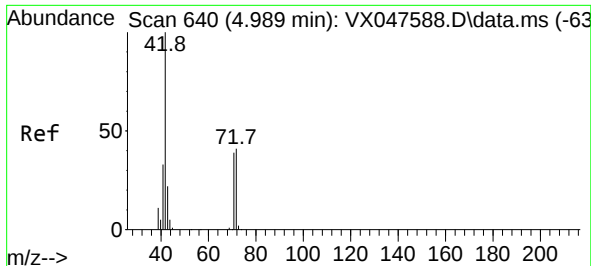
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 52.945 ug/l
 RT: 4.879 min Scan# 622
 Delta R.T. -0.012 min
 Lab File: VX047769.D
 Acq: 24 Sep 2025 11:46

Tgt Ion: 49 Resp: 84604
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 73.4 57.8 86.8





#29

Tetrahydrofuran

Concen: 298.644 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047769.D

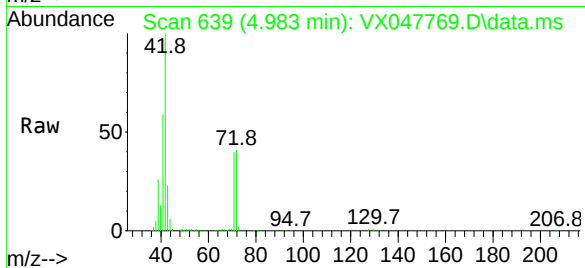
Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



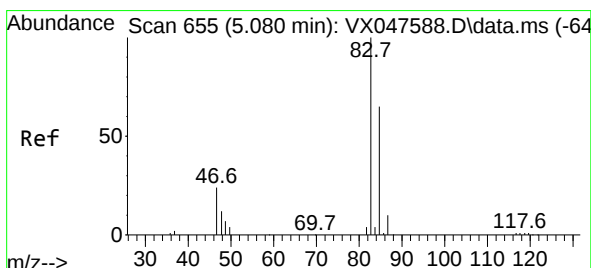
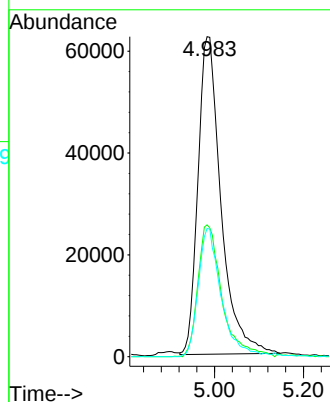
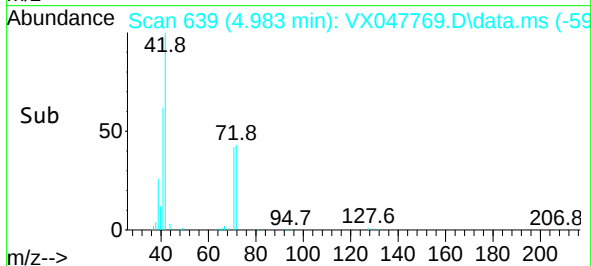
Tgt Ion:	42	Resp:	224794
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	40.3	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 53.144 ug/l

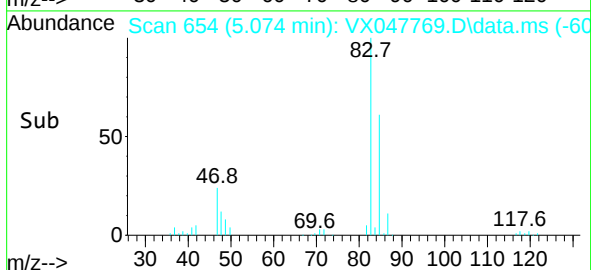
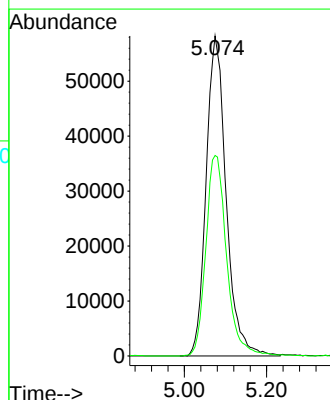
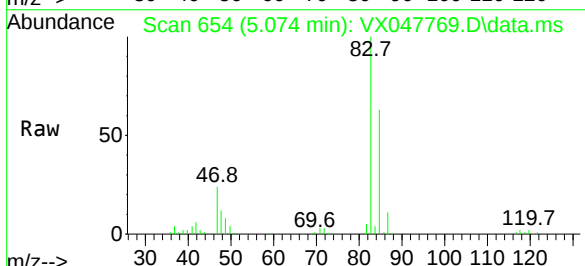
RT: 5.074 min Scan# 654

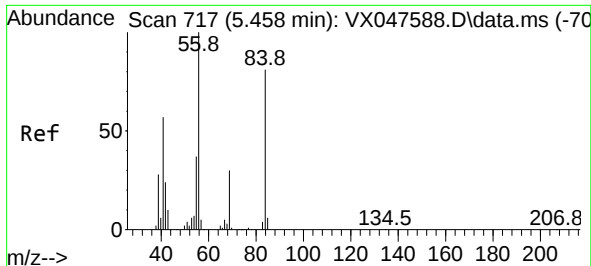
Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

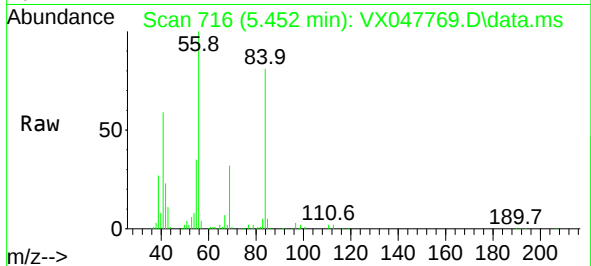
Tgt Ion:	83	Resp:	196569
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.6





#31
Cyclohexane
Concen: 50.154 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

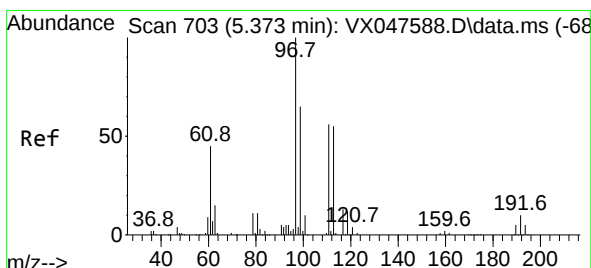
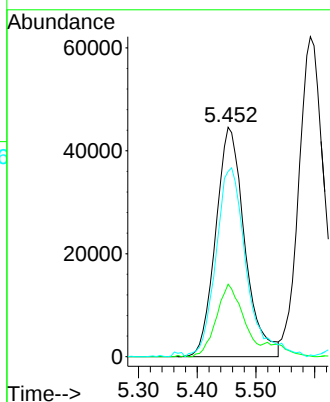
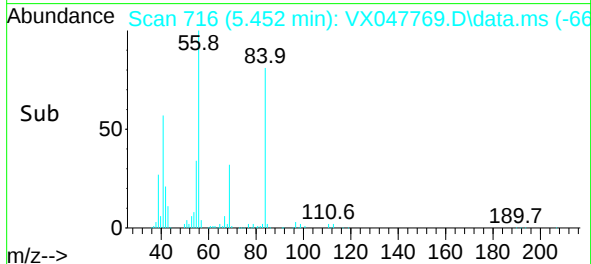
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



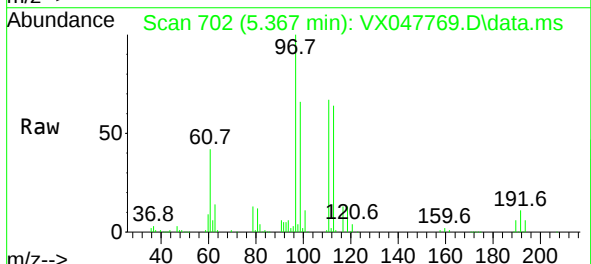
Tgt Ion: 56 Resp: 15289
Ion Ratio Lower Upper
56 100
69 31.0 23.8 35.8
84 79.0 64.6 97.0

Manual Integrations
APPROVED

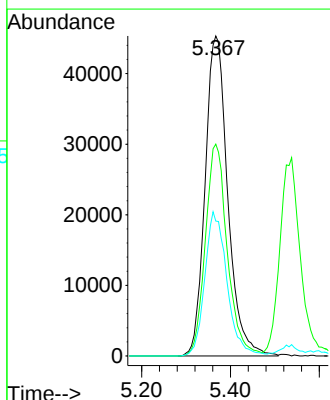
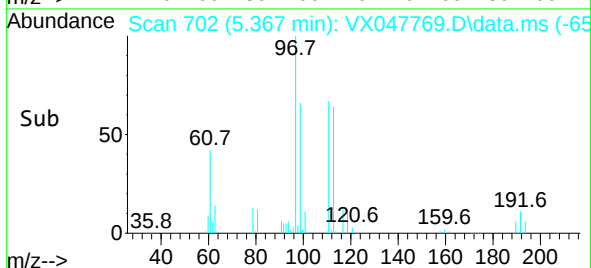
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

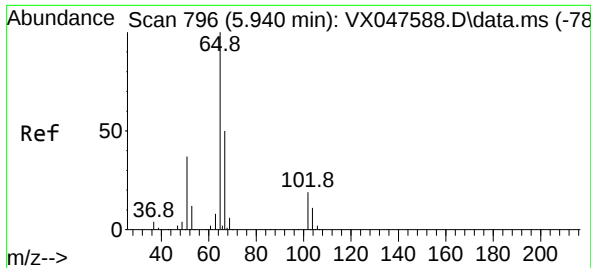


#32
1,1,1-Trichloroethane
Concen: 51.242 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



Tgt Ion: 97 Resp: 160765
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 44.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.395 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 125490

Ion Ratio Lower Upper

65 100

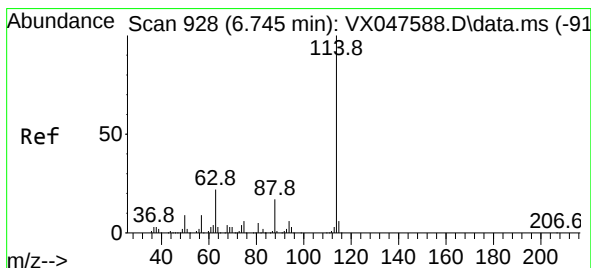
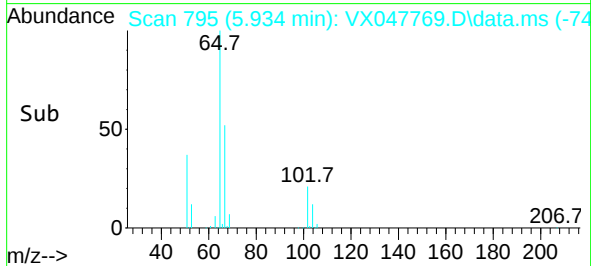
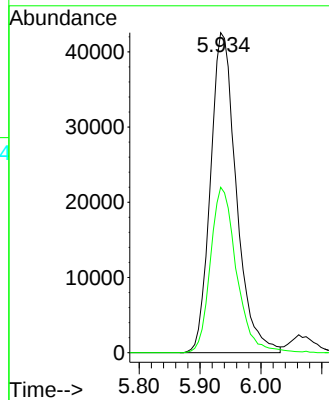
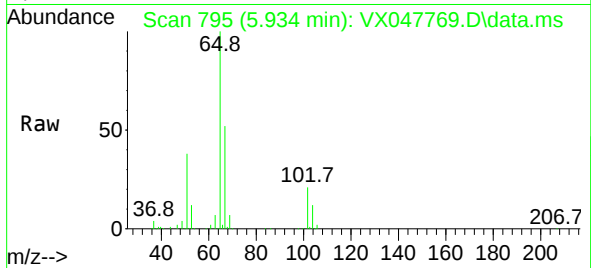
67 52.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

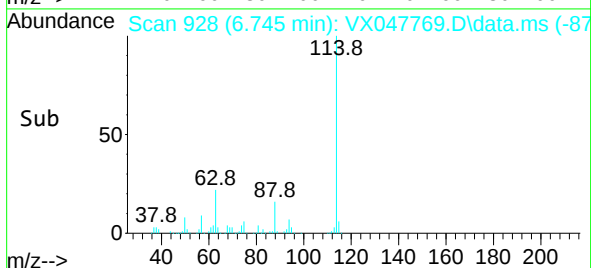
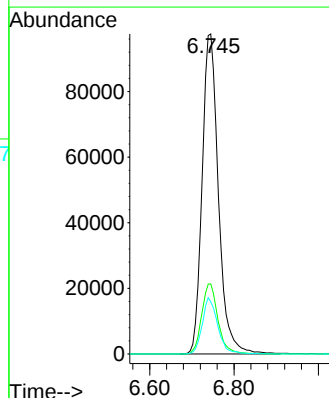
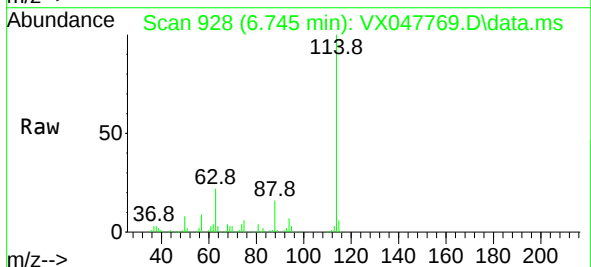
Tgt Ion:114 Resp: 262651

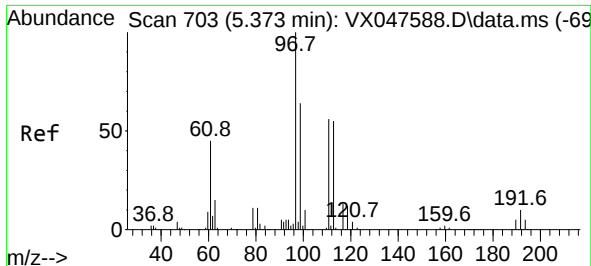
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 54.718 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

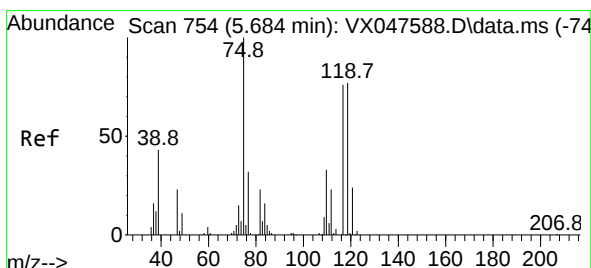
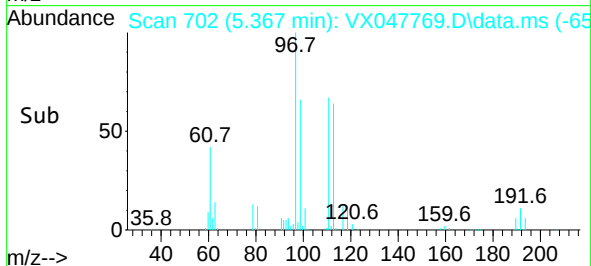
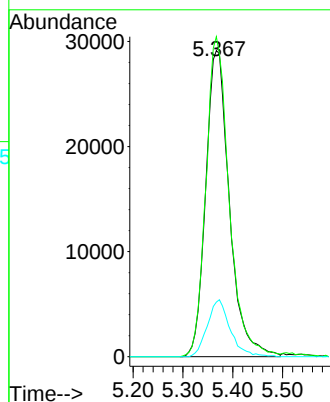
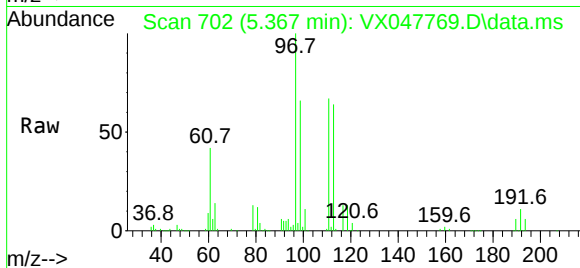
Tgt Ion:	113	Resp:	96384
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	17.9	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#36

1,1-Dichloropropene

Concen: 48.237 ug/l

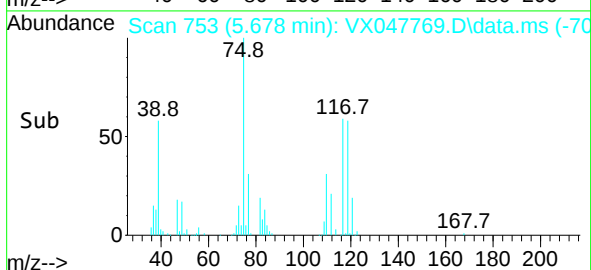
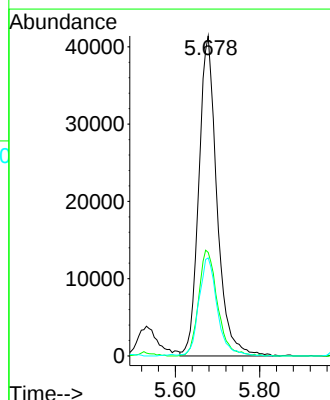
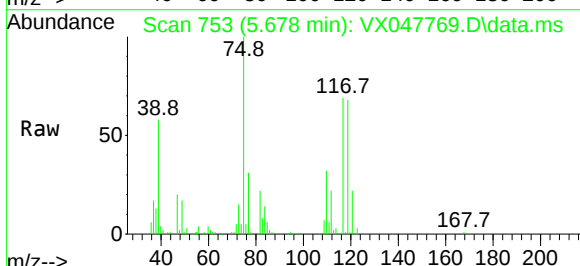
RT: 5.678 min Scan# 753

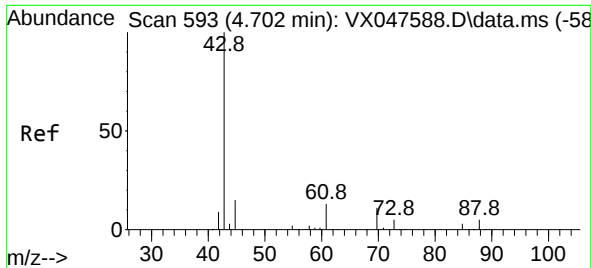
Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Tgt Ion:	75	Resp:	124159
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.1
77	31.1	24.3	36.5





#37

Ethyl Acetate

Concen: 55.069 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 151768

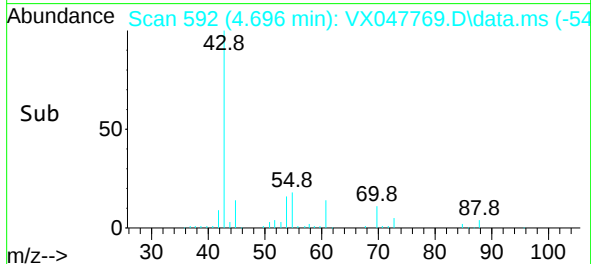
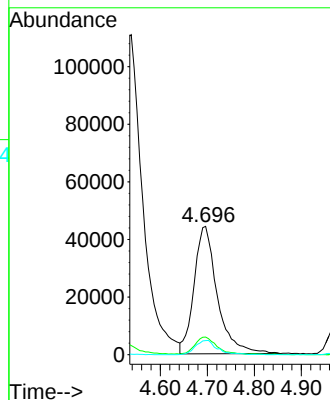
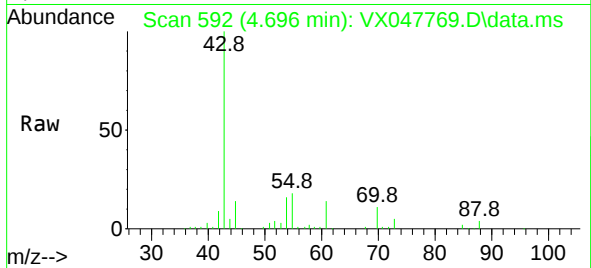
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	10.5	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#38

Carbon Tetrachloride

Concen: 48.413 ug/l

RT: 5.666 min Scan# 751

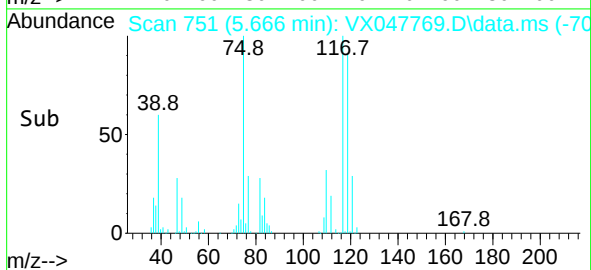
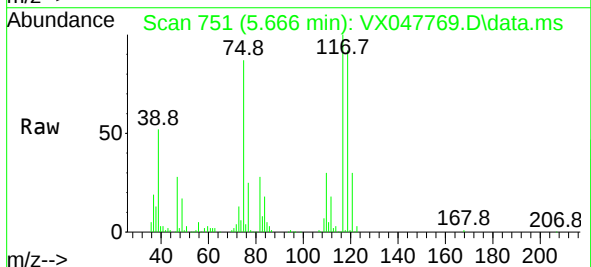
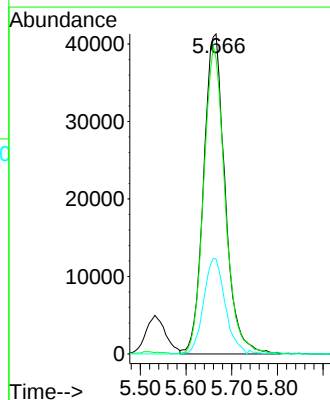
Delta R.T. -0.006 min

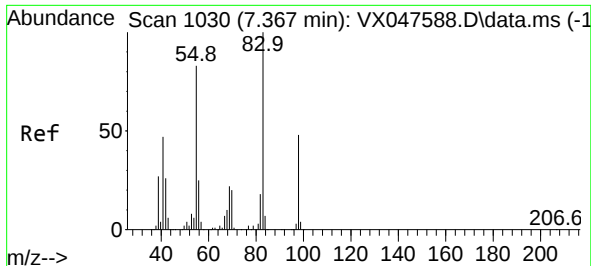
Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Tgt Ion:117 Resp: 135392

Ion	Ratio	Lower	Upper
117	100		
119	92.2	73.4	110.2
121	29.7	23.8	35.6





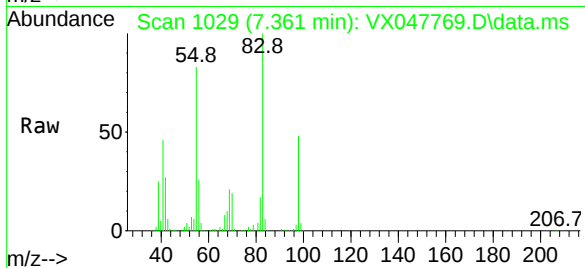
#39
Methylcyclohexane
Concen: 48.420 ug/l
RT: 7.361 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



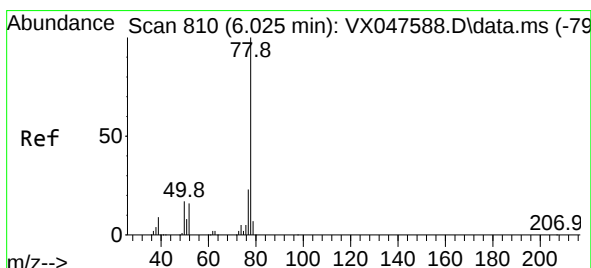
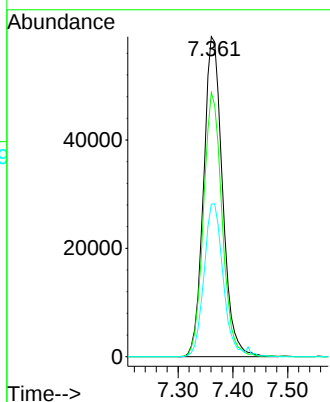
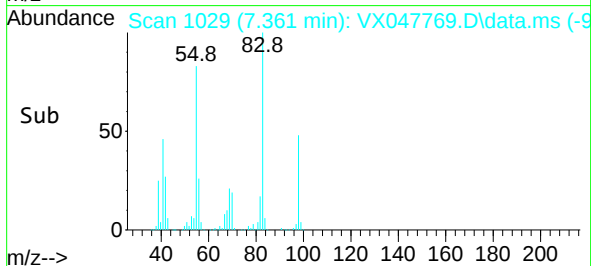
Tgt Ion: 83 Resp: 14147
Ion Ratio Lower Upper
83 100
55 82.5 66.4 99.6
98 47.7 38.1 57.1

Manual Integrations

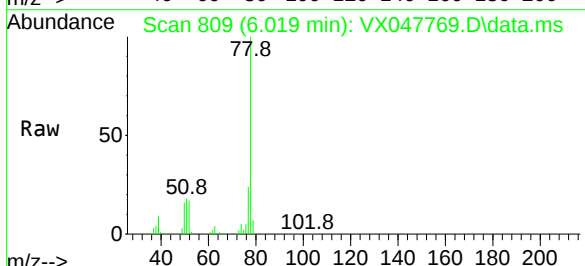
APPROVED

Reviewed By :John Carlone 09/25/2025

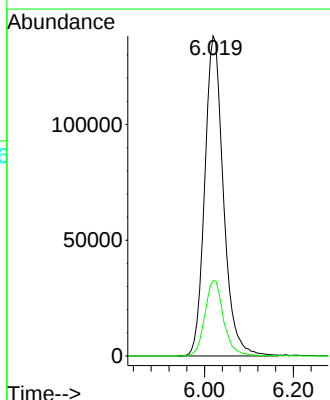
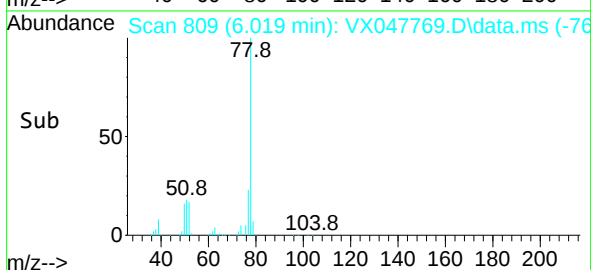
Supervised By :Mahesh Dadoda 09/26/2025

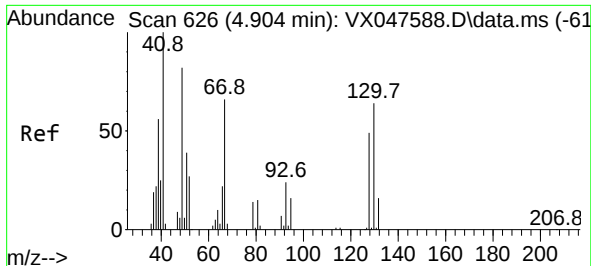


#40
Benzene
Concen: 51.764 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



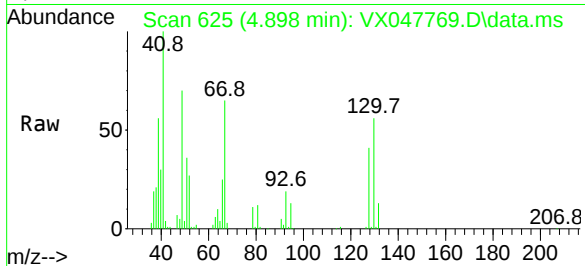
Tgt Ion: 78 Resp: 404676
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 57.784 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

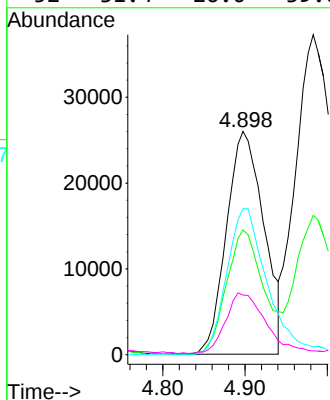
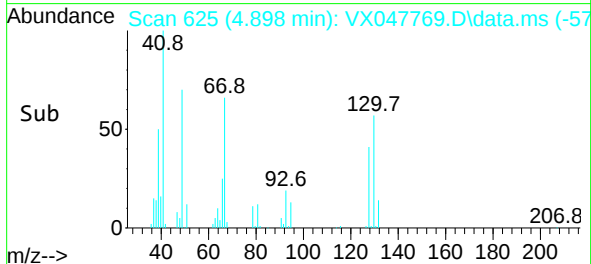
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8221
Ion Ratio Lower Upper
41 100
39 57.2 43.3 64.9
67 72.4 58.6 87.8
52 31.4 26.0 39.0

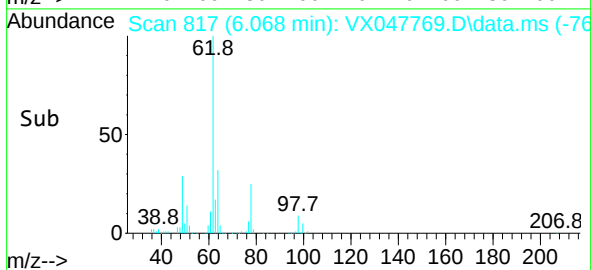
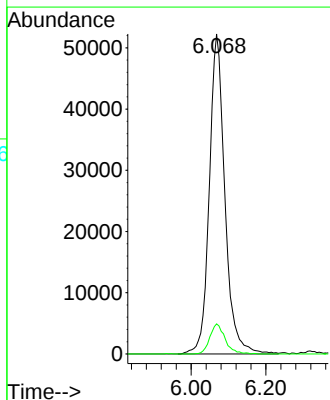
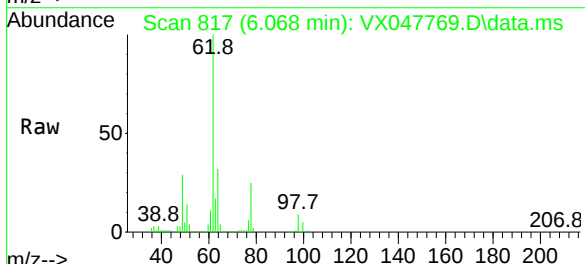
Manual Integrations
APPROVED

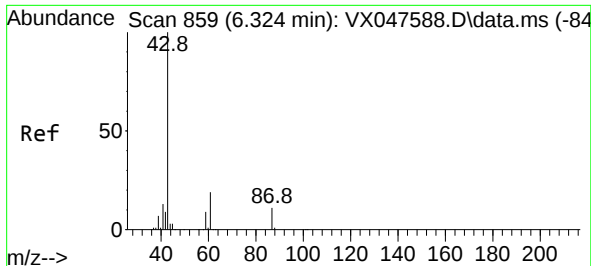
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 50.825 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

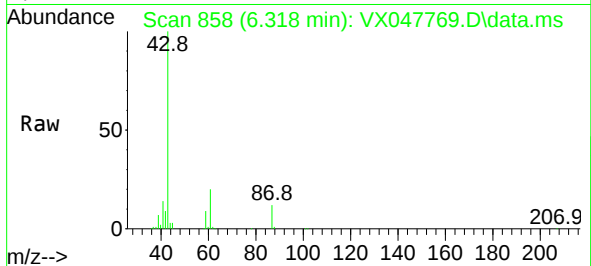
Tgt Ion: 62 Resp: 151181
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.0





#43
Isopropyl Acetate
Concen: 55.147 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

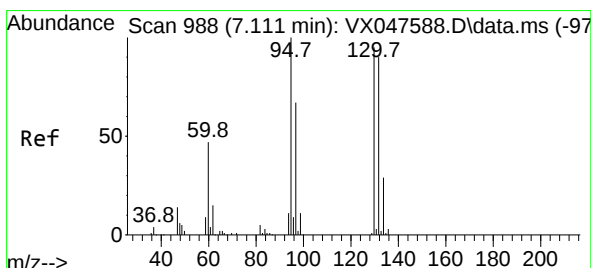
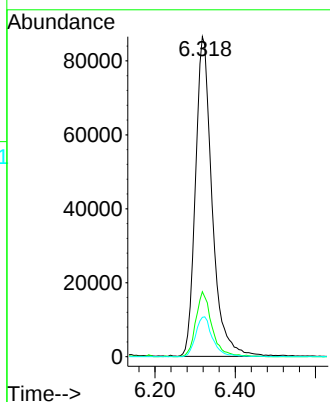
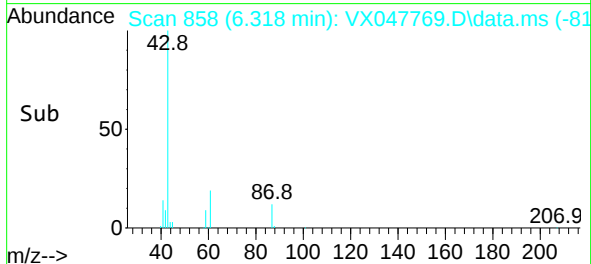
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 249260
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 12.6 9.6 14.4

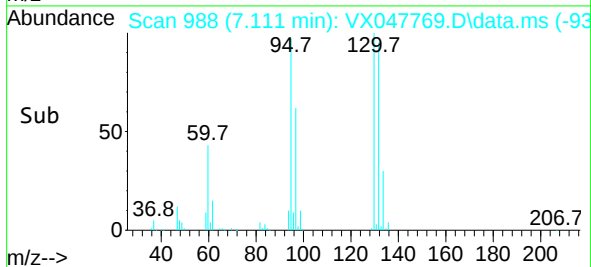
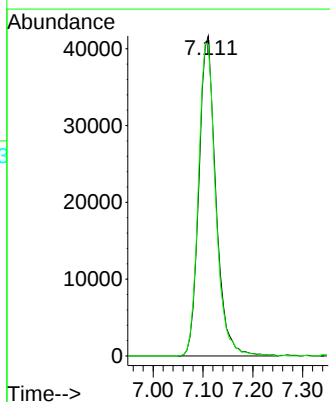
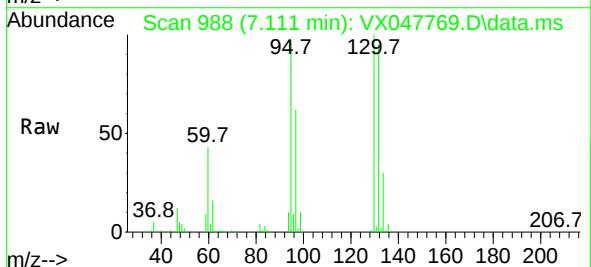
Manual Integrations
APPROVED

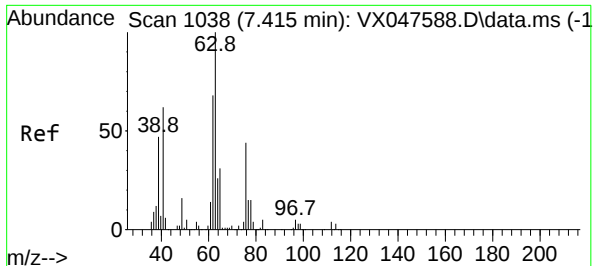
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 52.220 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Tgt Ion:130 Resp: 98697
Ion Ratio Lower Upper
130 100
95 97.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 52.927 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 105950

Ion Ratio Lower Upper

63 100

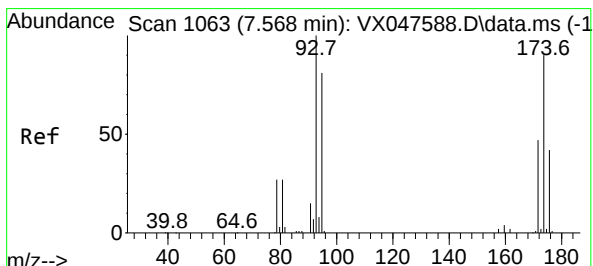
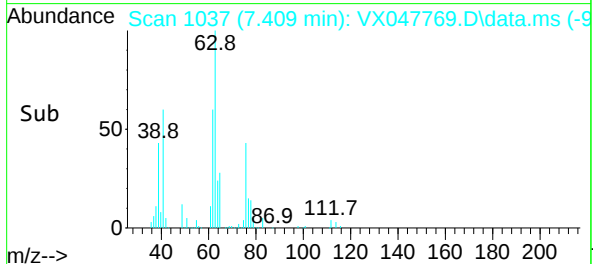
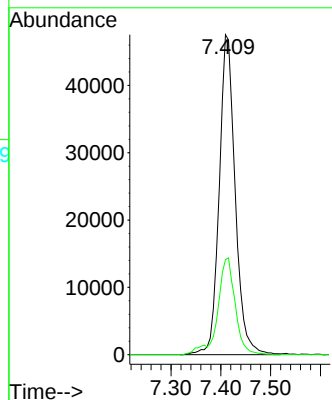
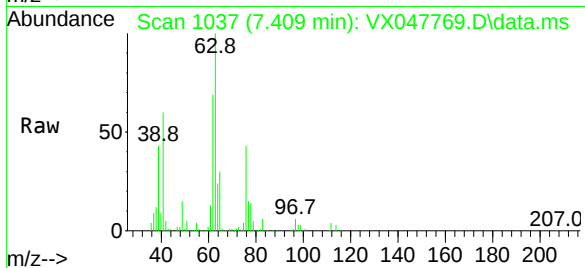
65 29.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 53.536 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

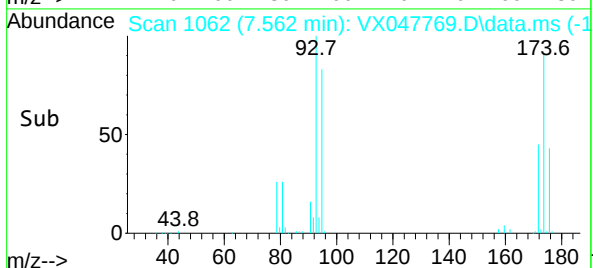
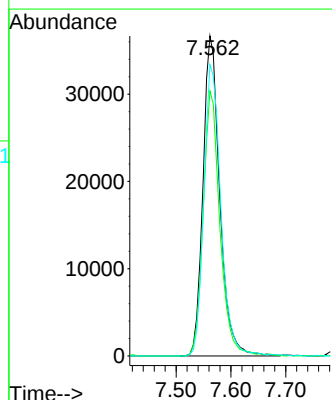
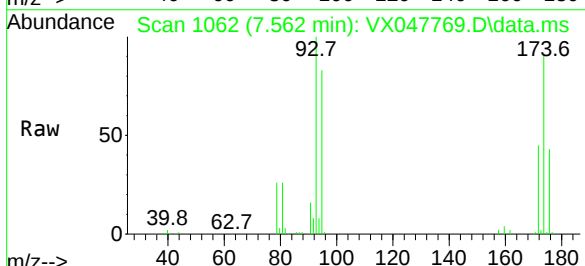
Tgt Ion: 93 Resp: 77988

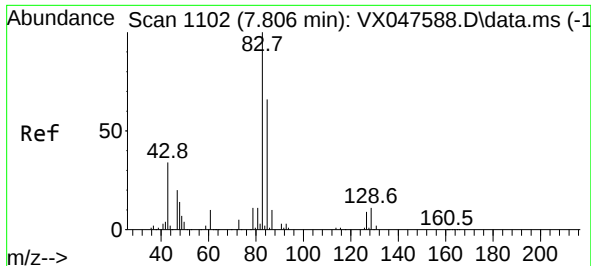
Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.6

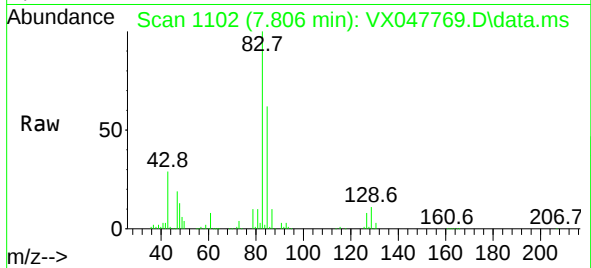
174 92.3 71.6 107.4





#47
Bromodichloromethane
Concen: 52.239 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

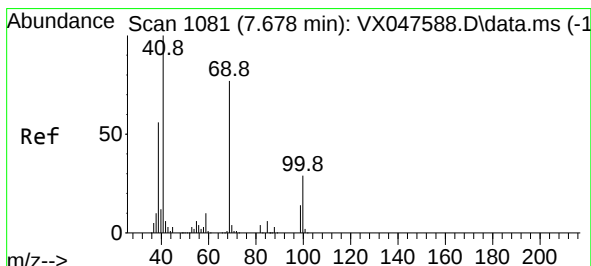
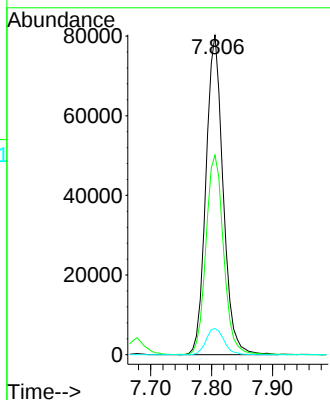
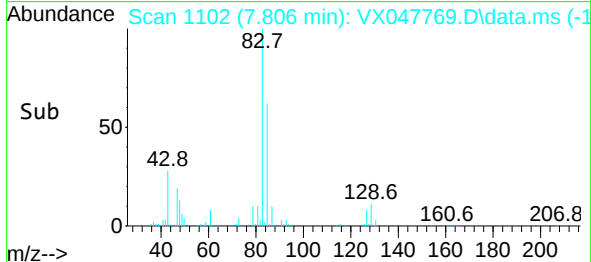
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 157031
Ion Ratio Lower Upper
83 100
85 62.2 52.5 78.7
127 8.2 6.9 10.3

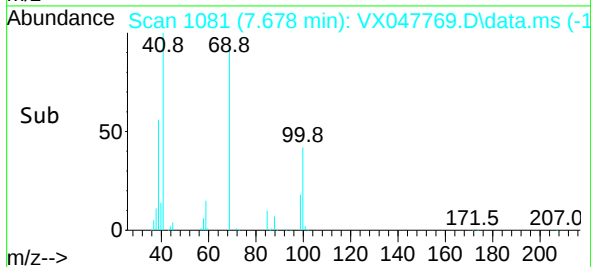
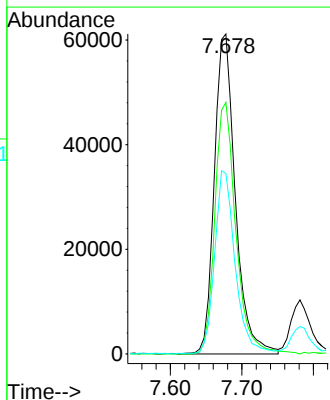
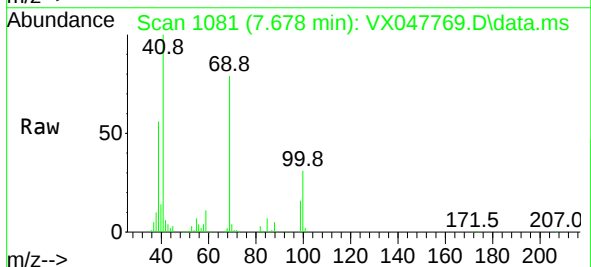
Manual Integrations
APPROVED

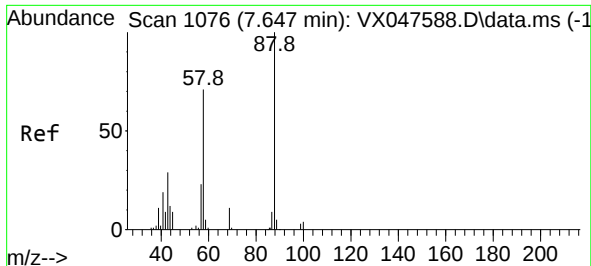
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#48
Methyl methacrylate
Concen: 55.541 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Tgt Ion: 41 Resp: 125046
Ion Ratio Lower Upper
41 100
69 78.7 61.4 92.2
39 56.0 45.8 68.6





#49

1,4-Dioxane

Concen: 1363.725 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX047769.D

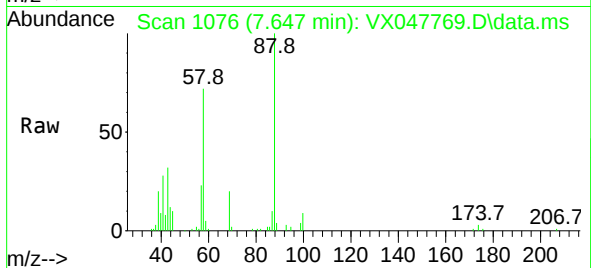
Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



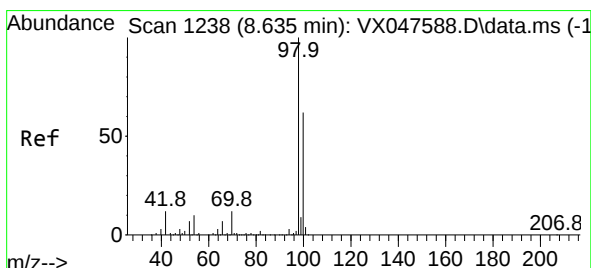
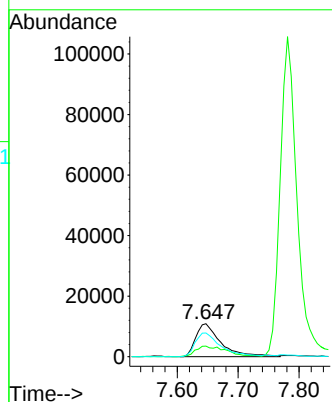
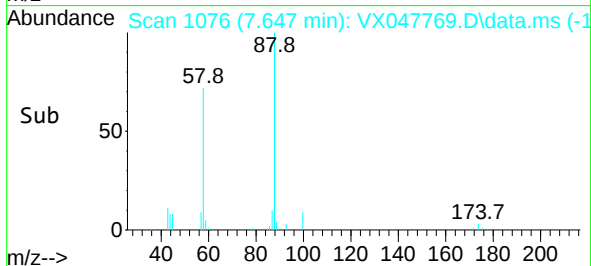
Tgt Ion:	88	Resp:	31029
Ion	Ratio	Lower	Upper
88	100		
43	39.9	30.2	45.2
58	73.6	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 53.025 ug/l

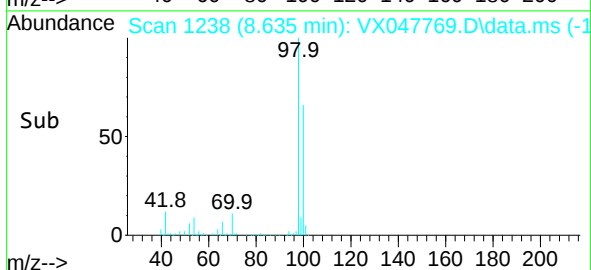
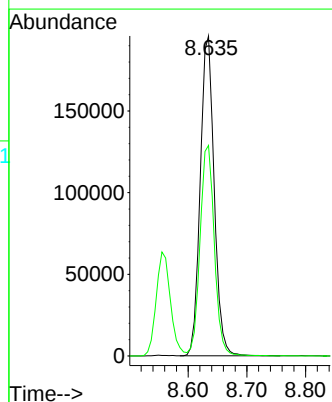
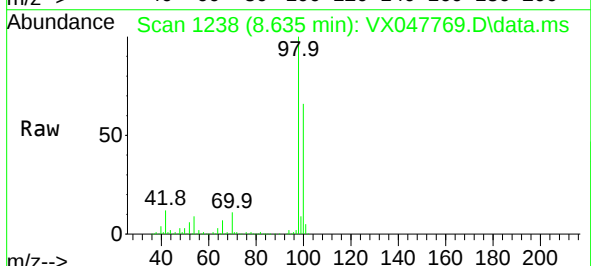
RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

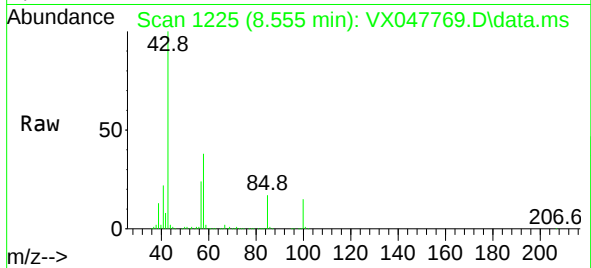
Tgt Ion:	98	Resp:	323192
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 296.757 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

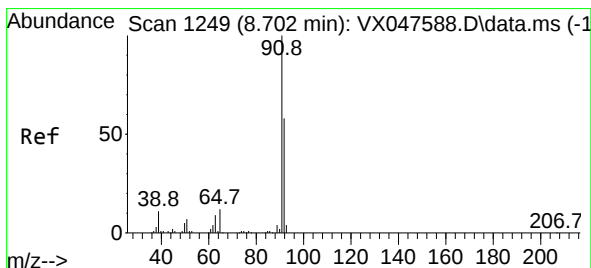
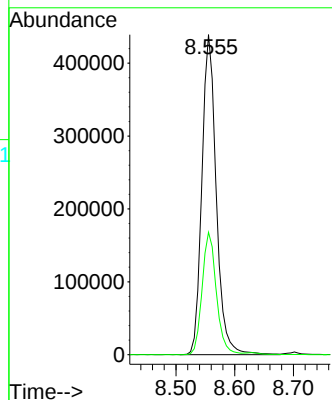
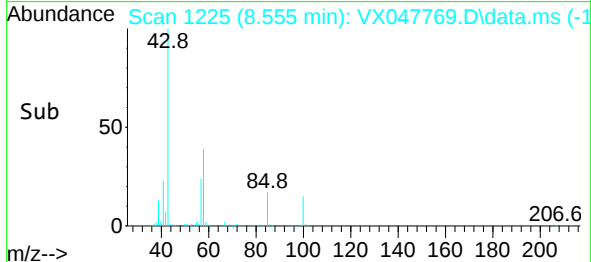
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 743688
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

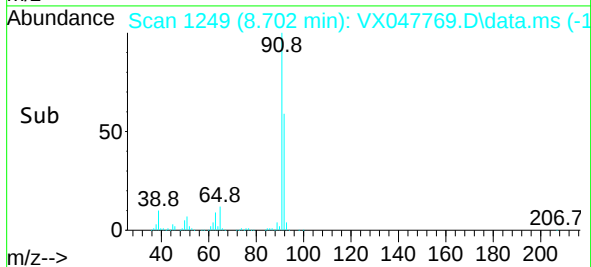
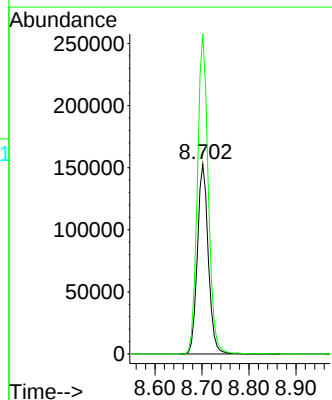
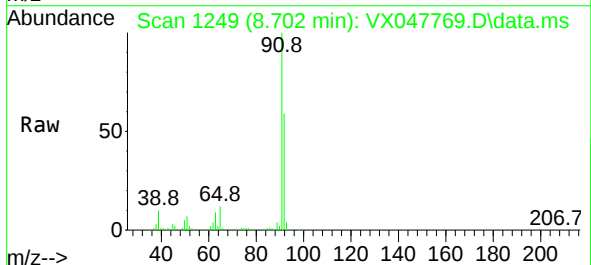
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#52
Toluene
Concen: 51.255 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Tgt Ion: 92 Resp: 246870
Ion Ratio Lower Upper
92 100
91 168.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 46.340 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 14208

Ion Ratio Lower Upper

75 100

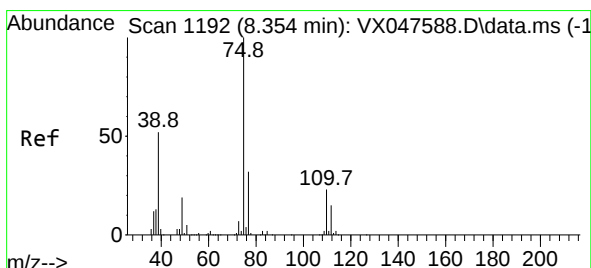
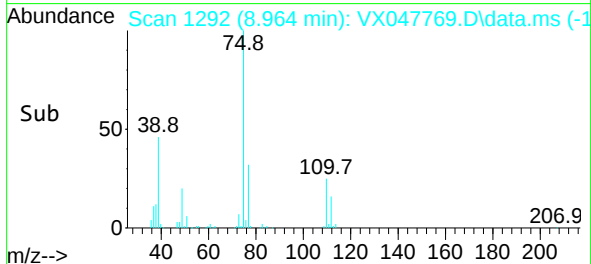
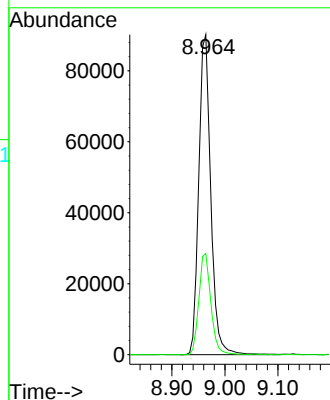
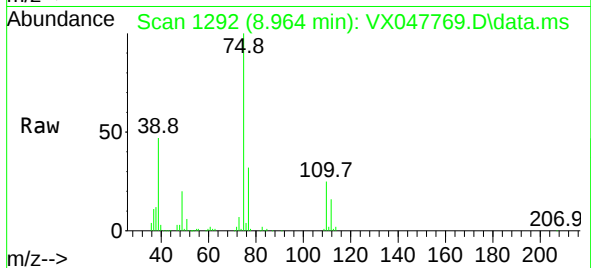
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#54

cis-1,3-Dichloropropene

Concen: 46.603 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

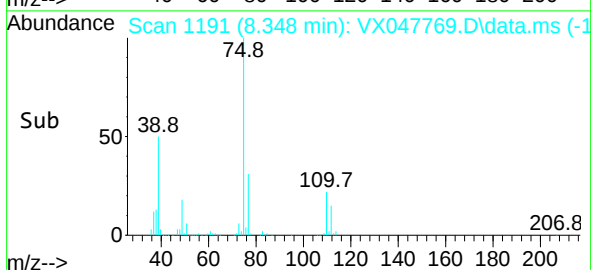
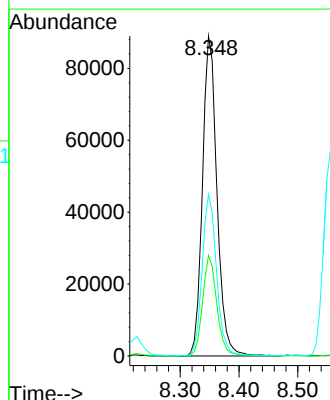
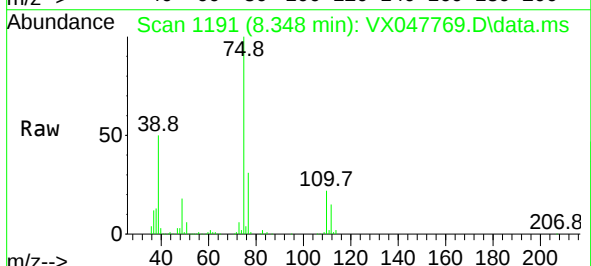
Tgt Ion: 75 Resp: 152733

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

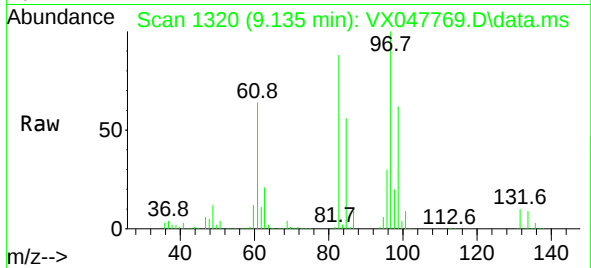
39 50.3 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 54.130 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

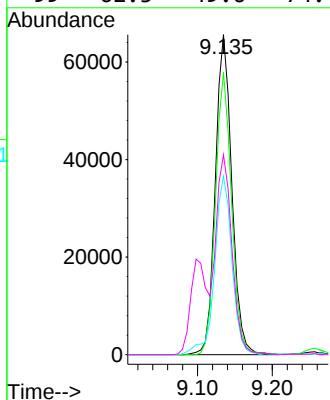
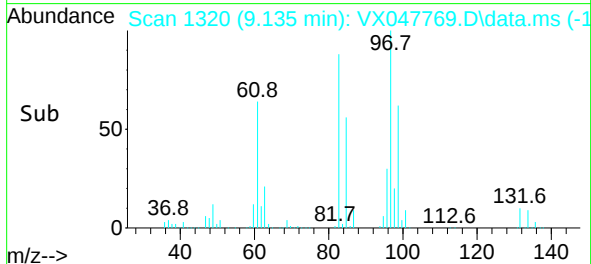
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



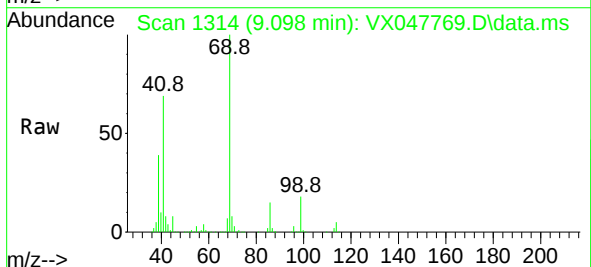
Tgt Ion: 97 Resp: 100531
Ion Ratio Lower Upper
97 100
83 88.2 69.6 104.4
85 55.8 45.0 67.6
99 62.3 49.6 74.4

Manual Integrations
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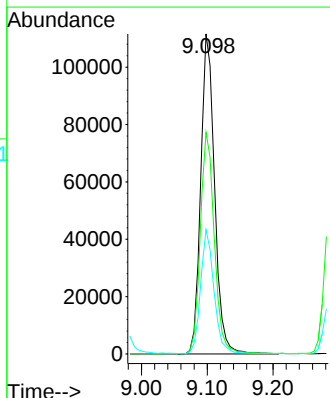
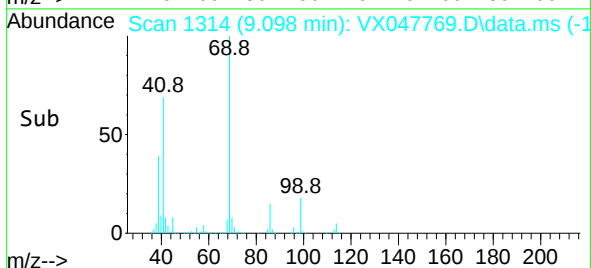
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

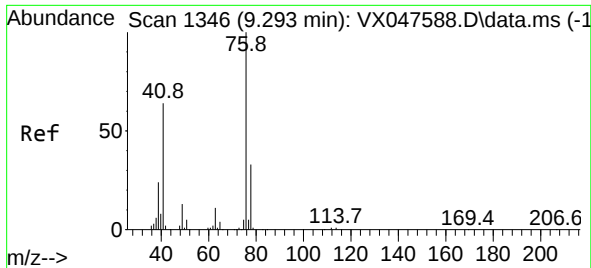


#56
Ethyl methacrylate
Concen: 56.125 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



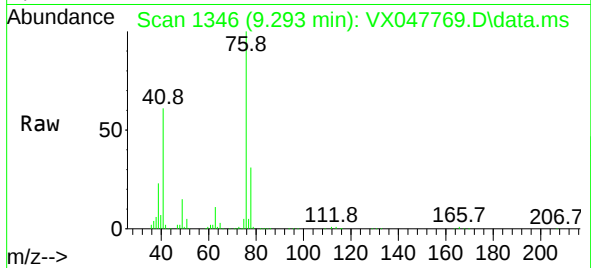
Tgt Ion: 69 Resp: 163699
Ion Ratio Lower Upper
69 100
41 70.2 58.6 87.8
39 38.1 31.5 47.3





#57
1,3-Dichloropropane
Concen: 54.475 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

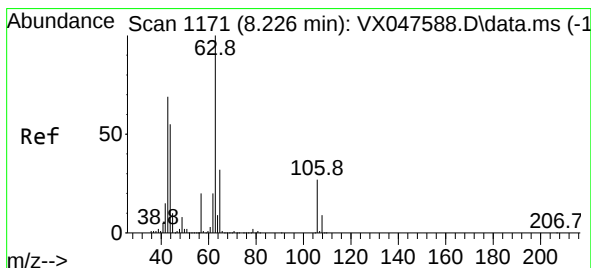
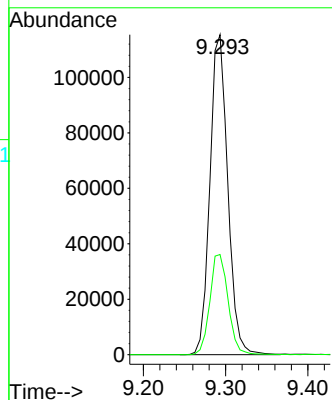
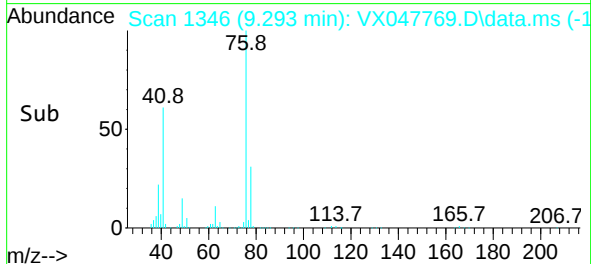
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



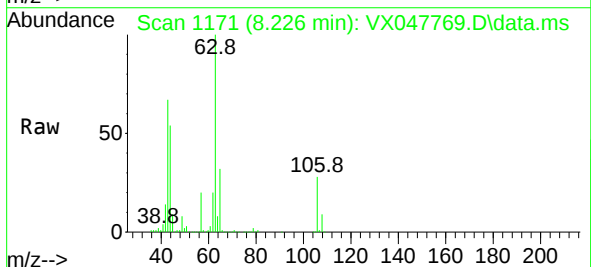
Tgt Ion: 76 Resp: 17379
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

Manual Integrations
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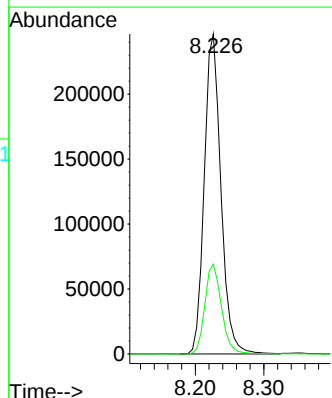
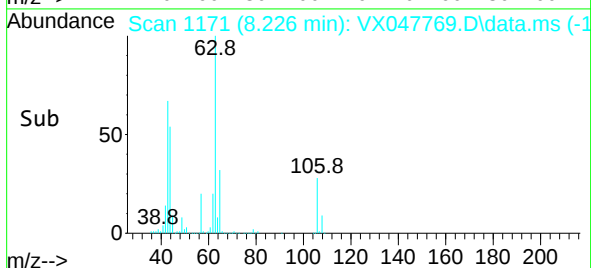
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 295.083 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



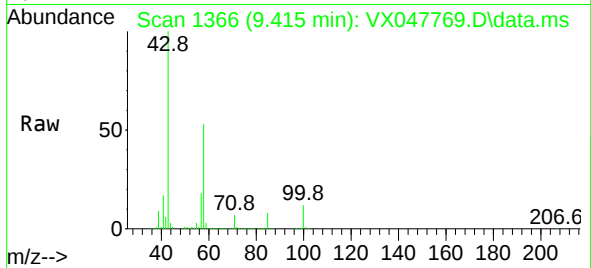
Tgt Ion: 63 Resp: 416075
Ion Ratio Lower Upper
63 100
106 28.1 21.9 32.9





#59
2-Hexanone
Concen: 291.132 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

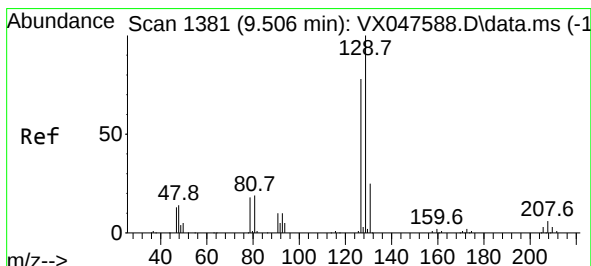
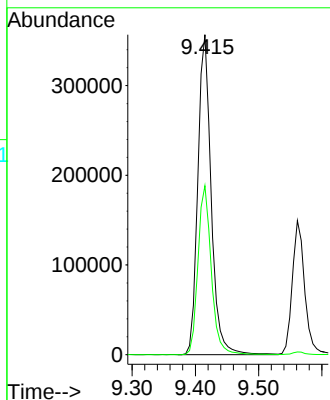
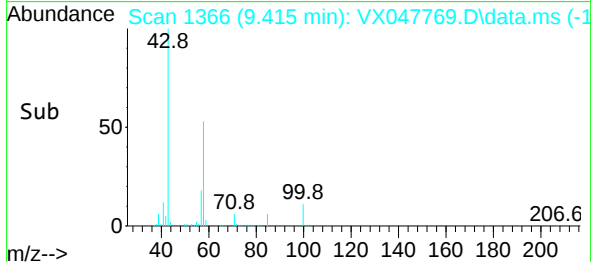
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 52399
Ion Ratio Lower Upper
43 100
58 52.8 26.1 78.2

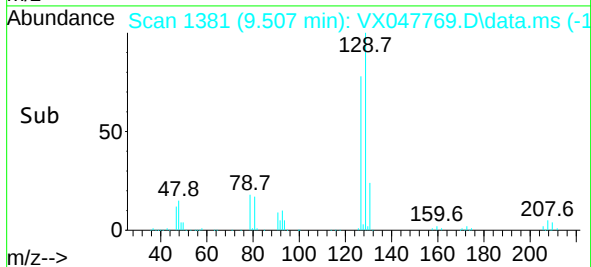
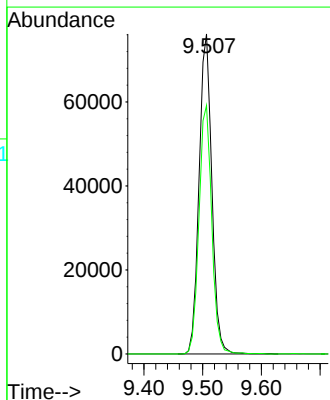
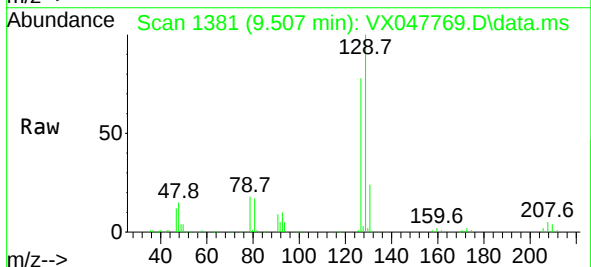
Manual Integrations
APPROVED

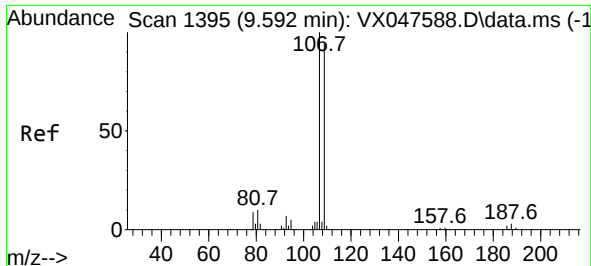
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 53.426 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

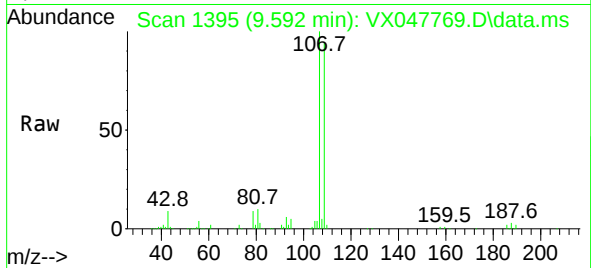
Tgt Ion:129 Resp: 114327
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61
1,2-Dibromoethane
Concen: 55.355 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

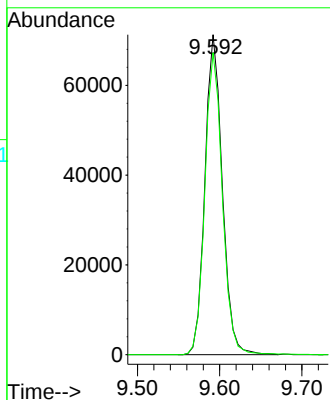
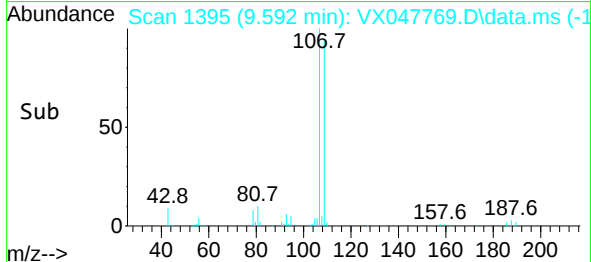
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



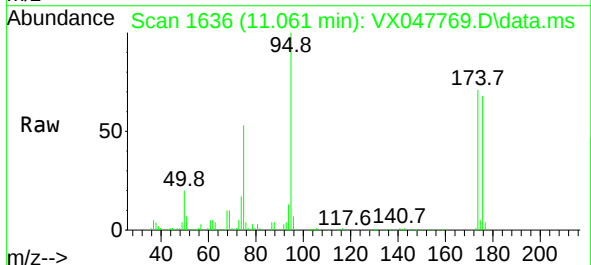
Tgt Ion:107 Resp: 104712
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9

Manual Integrations
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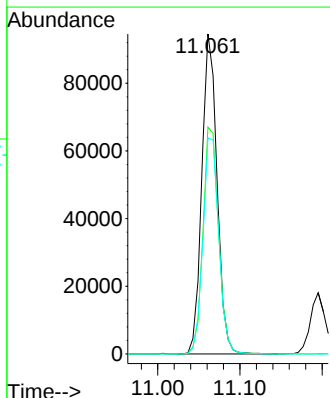
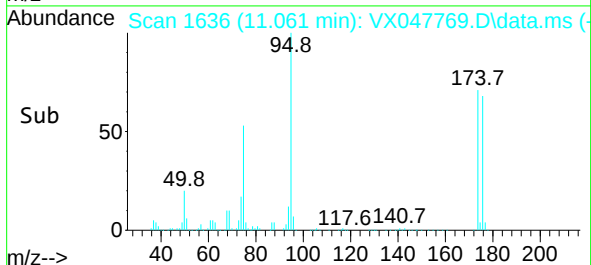
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#62
4-Bromofluorobenzene
Concen: 52.449 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



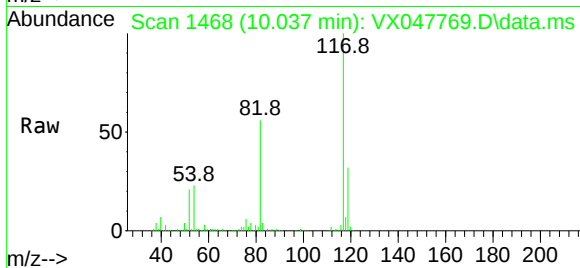
Tgt Ion: 95 Resp: 121324
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 70.5 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

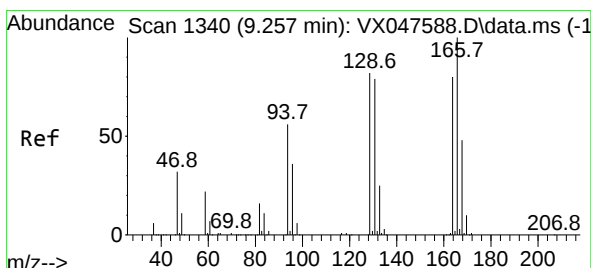
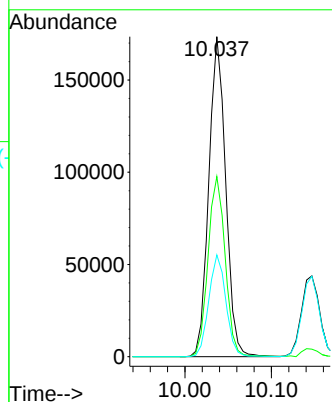
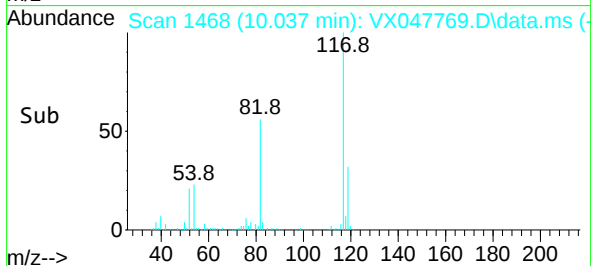
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 234932
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.6
119 31.8 25.2 37.8

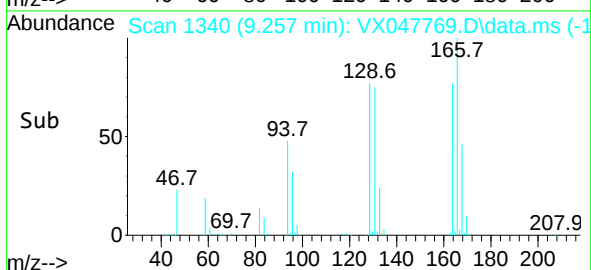
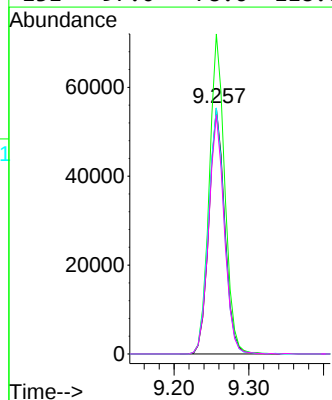
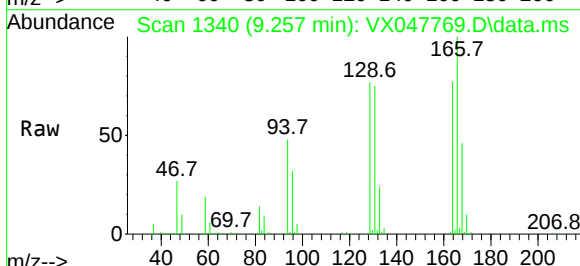
Manual Integrations
APPROVED

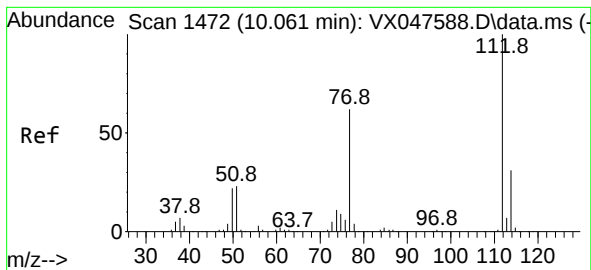
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#64
Tetrachloroethene
Concen: 52.796 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

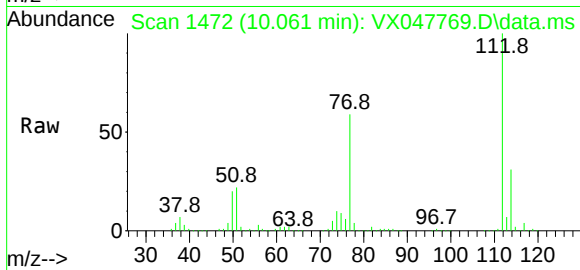
Tgt Ion:164 Resp: 80858
Ion Ratio Lower Upper
164 100
166 130.1 100.2 150.2
129 100.1 81.8 122.6
131 97.0 78.6 118.0





#65
Chlorobenzene
Concen: 50.214 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

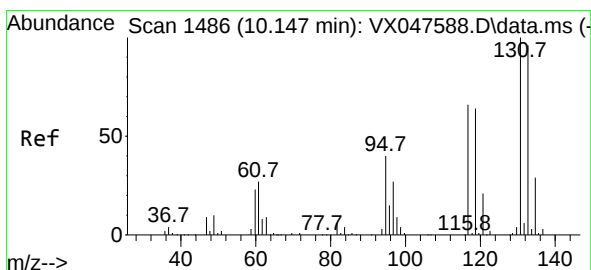
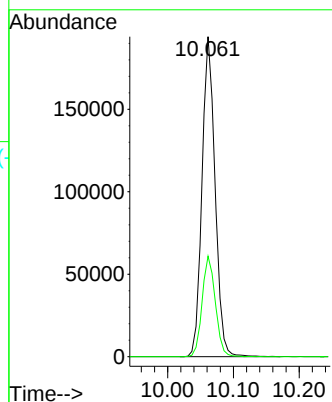
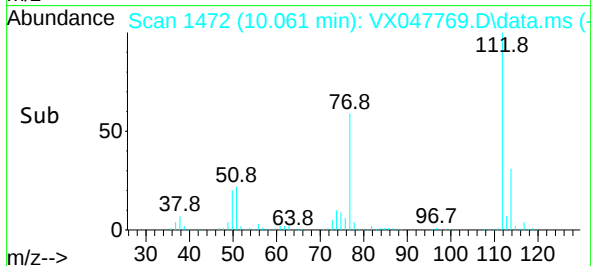
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



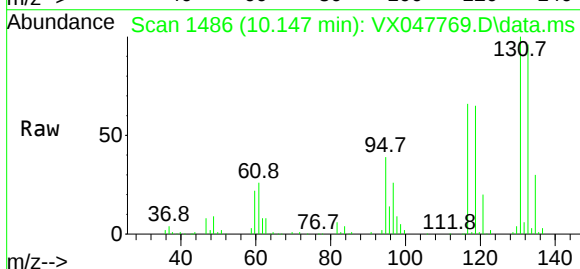
Tgt Ion:112 Resp: 268000
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

Manual Integrations
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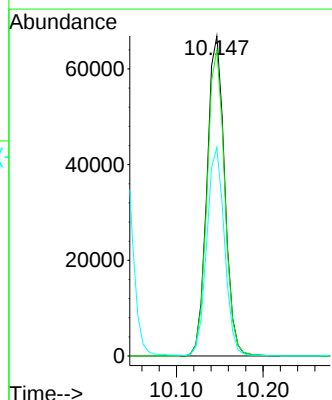
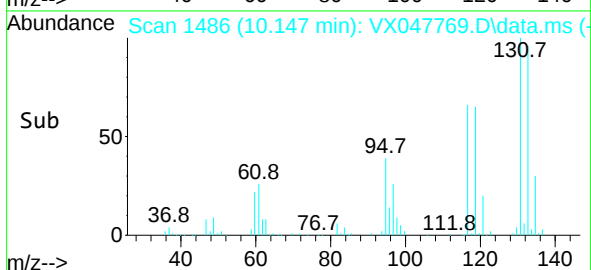
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

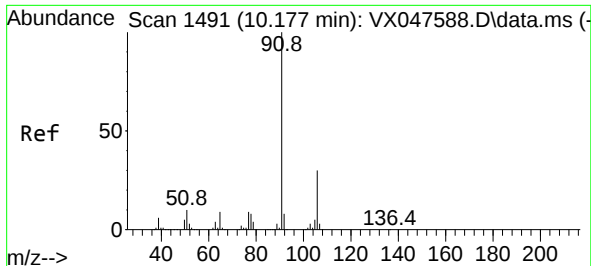


#66
1,1,1,2-Tetrachloroethane
Concen: 51.406 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



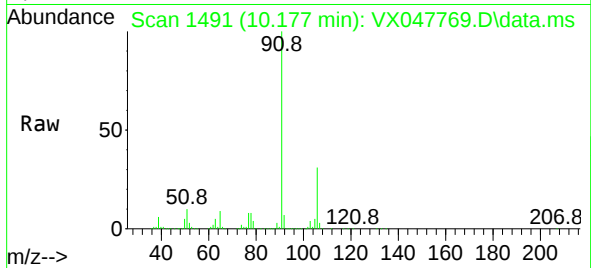
Tgt Ion:131 Resp: 94676
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.4 32.0 96.0





#67
Ethyl Benzene
Concen: 49.776 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

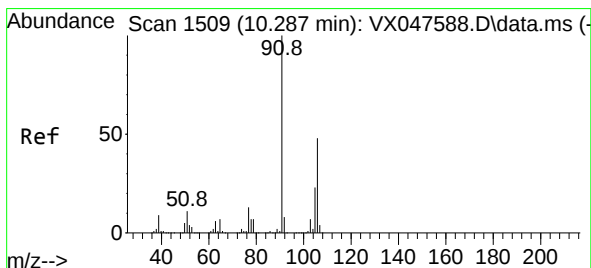
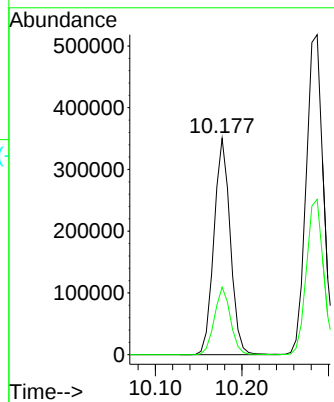
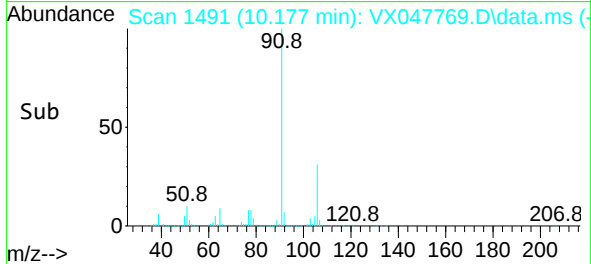
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 45838
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5

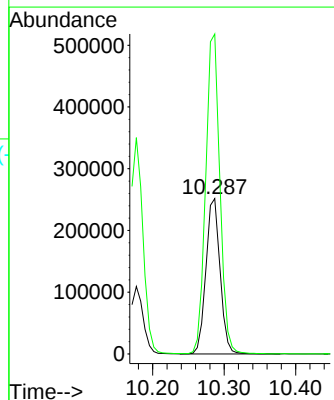
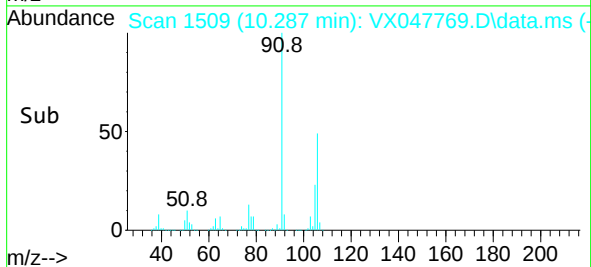
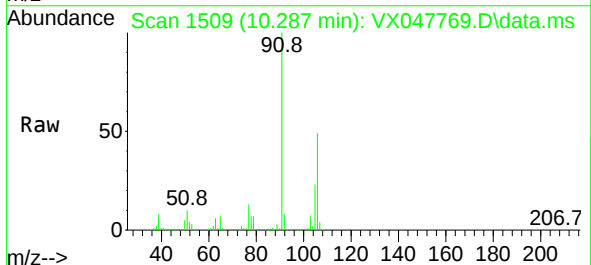
Manual Integrations
APPROVED

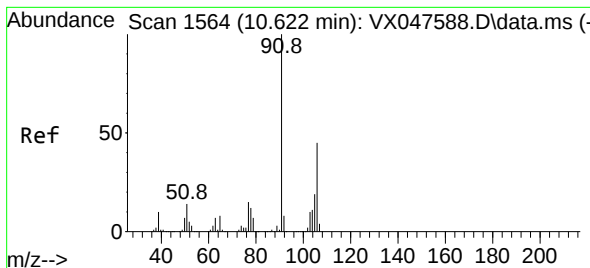
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#68
m/p-Xylenes
Concen: 100.941 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

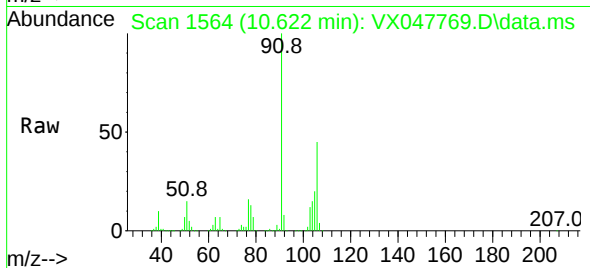
Tgt Ion:106 Resp: 345991
Ion Ratio Lower Upper
106 100
91 207.9 167.8 251.8





#69
o-Xylene
Concen: 51.084 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

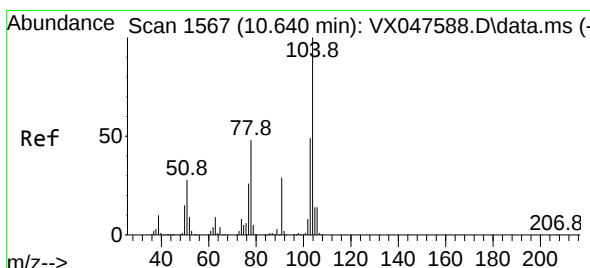
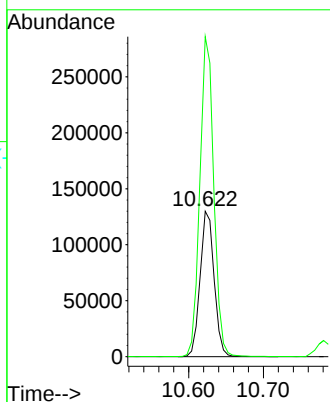
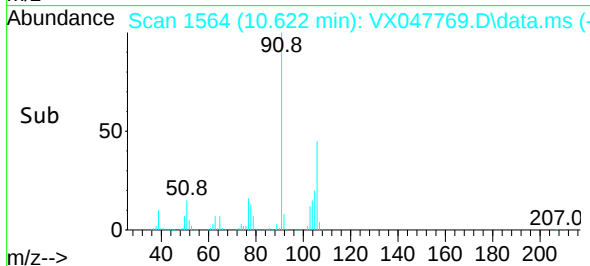
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 169360
Ion Ratio Lower Upper
106 100
91 218.4 111.1 333.4

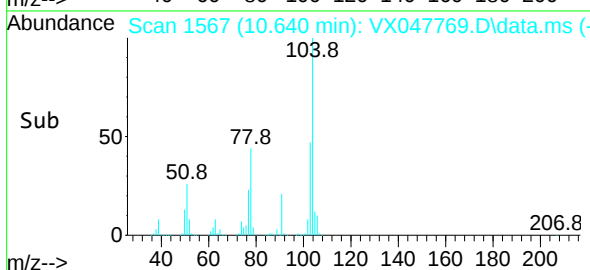
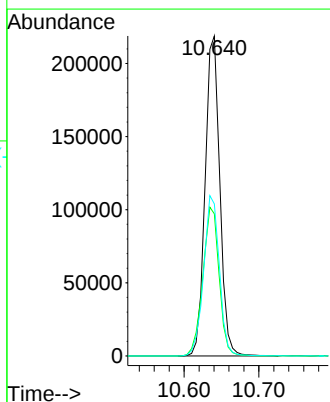
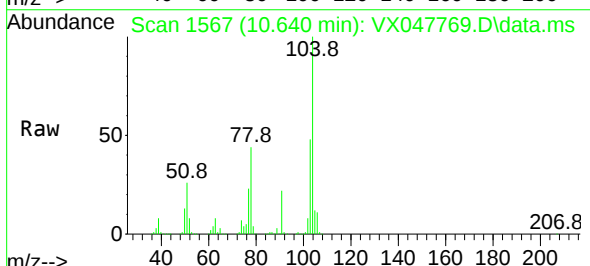
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 51.423 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

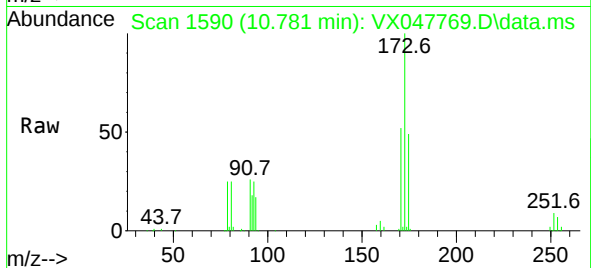
Tgt Ion:104 Resp: 298721
Ion Ratio Lower Upper
104 100
78 51.5 43.1 64.7
103 53.7 43.1 64.7





#71
Bromoform
Concen: 54.272 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

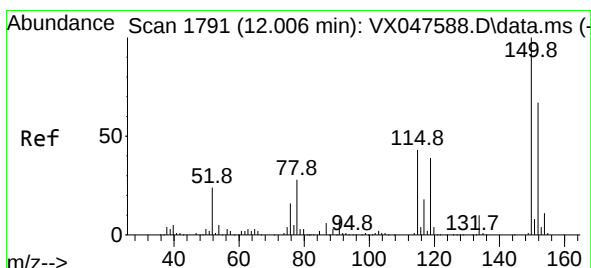
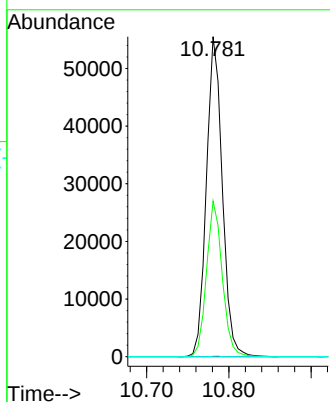
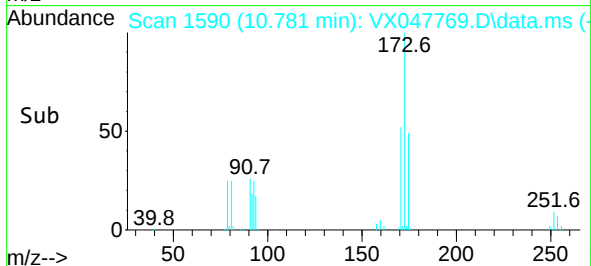
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



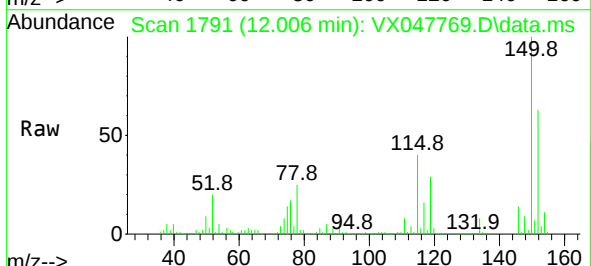
Tgt Ion:173 Resp: 7463
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

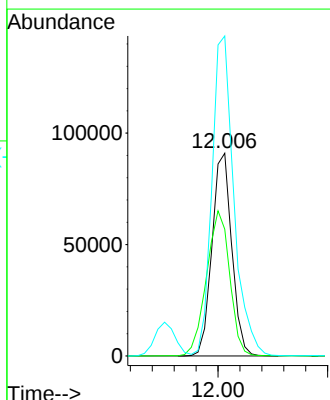
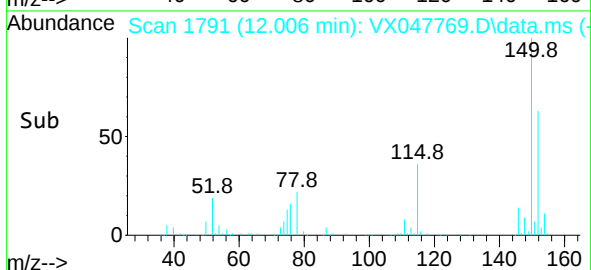
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

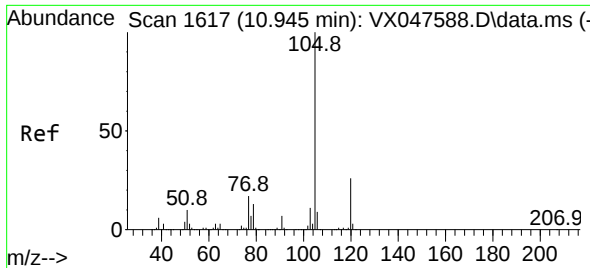


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



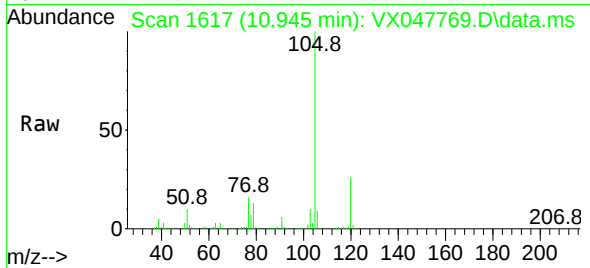
Tgt Ion:152 Resp: 114093
Ion Ratio Lower Upper
152 100
115 84.3 44.9 134.5
150 174.6 0.0 352.0





#73
Isopropylbenzene
Concen: 49.073 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

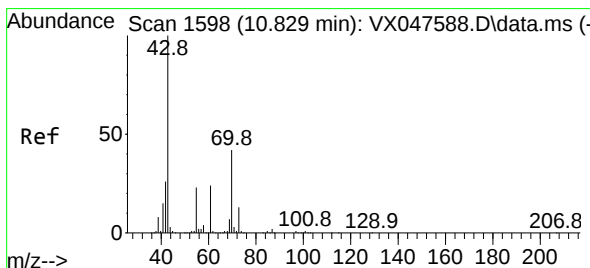
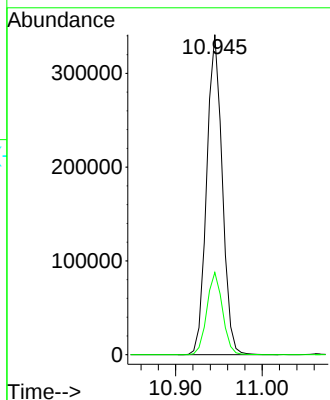
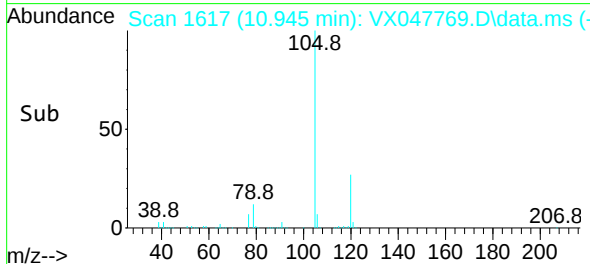
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 425664
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

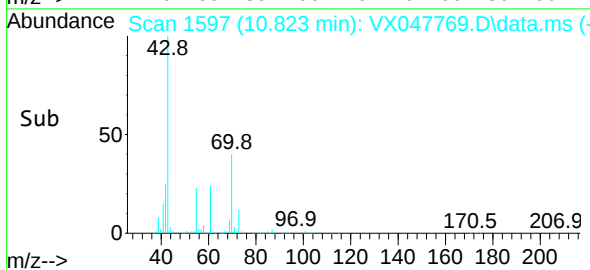
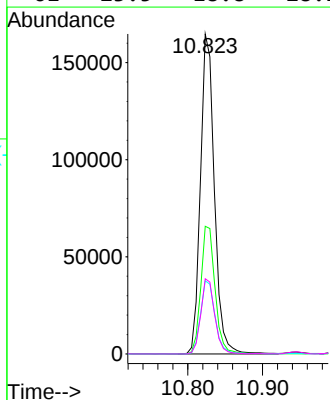
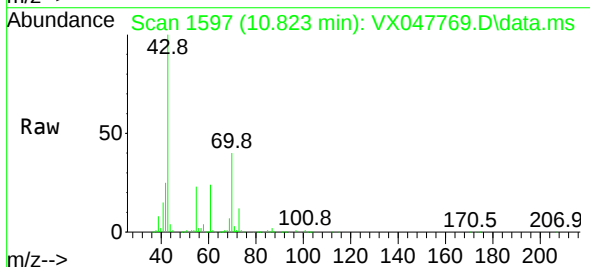
Manual Integrations
APPROVED

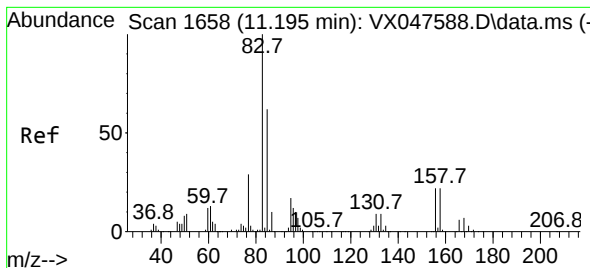
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 53.964 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

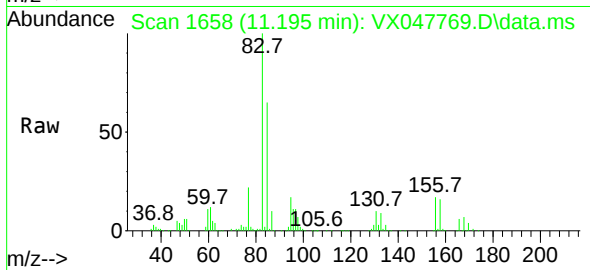
Tgt Ion: 43 Resp: 213456
Ion Ratio Lower Upper
43 100
70 40.8 32.0 48.0
55 23.8 18.9 28.3
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.463 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

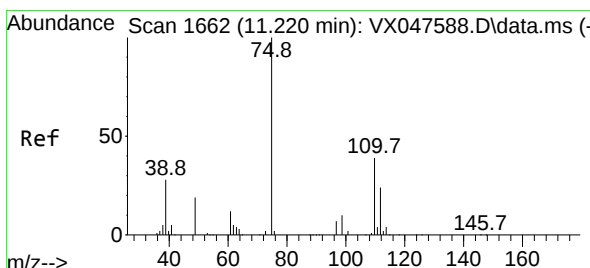
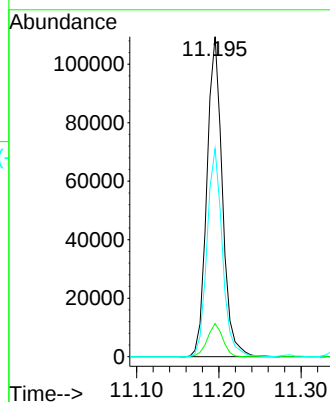
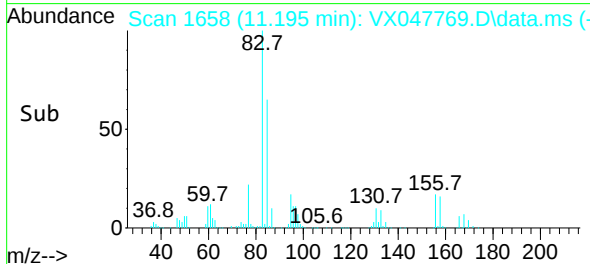
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 142930
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.7 31.6 95.0

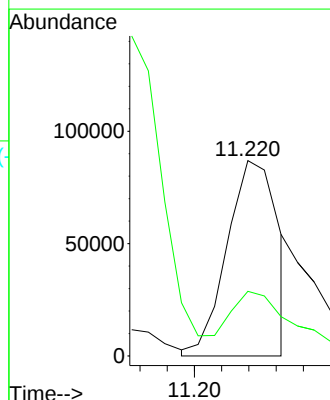
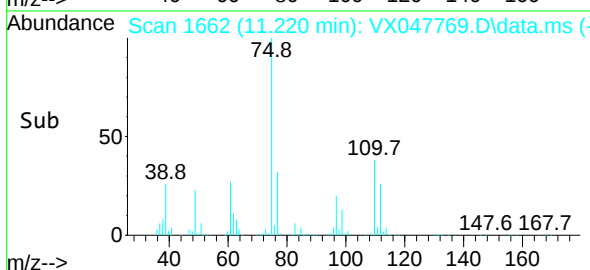
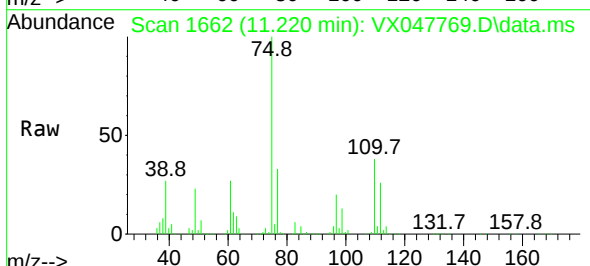
Manual Integrations
APPROVED

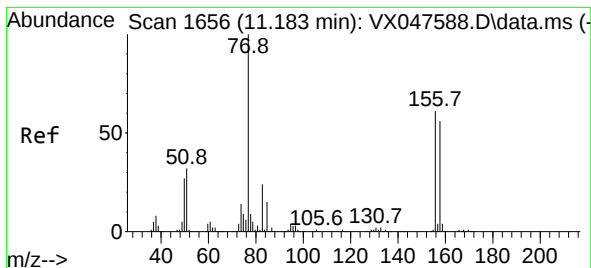
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#76
1,2,3-Trichloropropane
Concen: 49.071 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Tgt Ion: 75 Resp: 113356
Ion Ratio Lower Upper
75 100
77 44.1 18.8 56.4





#77

Bromobenzene

Concen: 50.743 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 10840

Ion Ratio Lower Upper

156 100

77 171.5 89.7 269.1

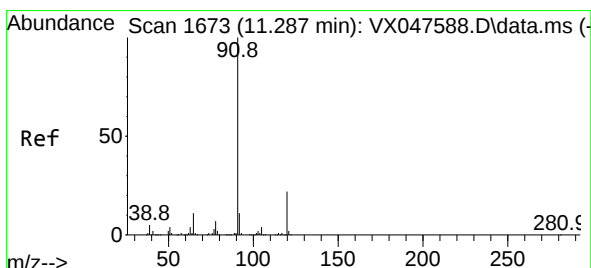
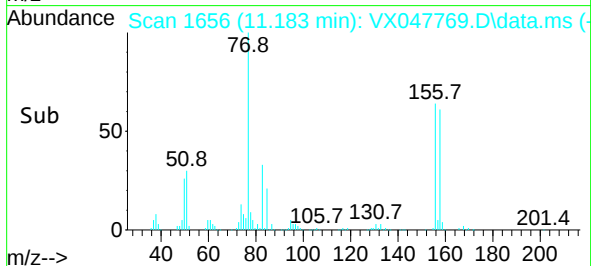
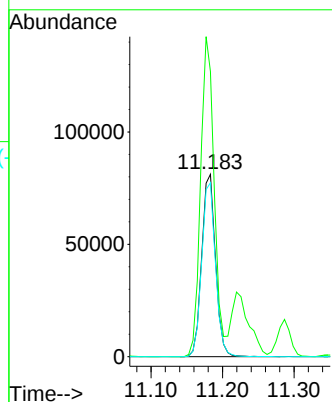
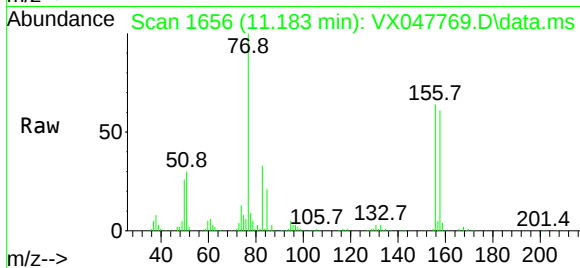
158 95.7 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#78

n-propylbenzene

Concen: 48.849 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX047769.D

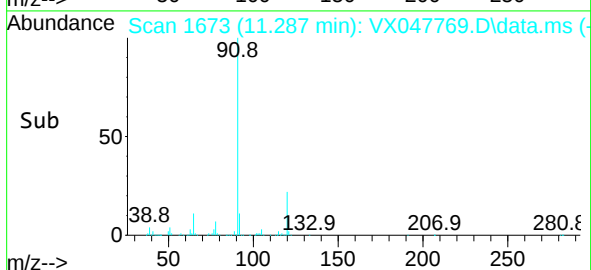
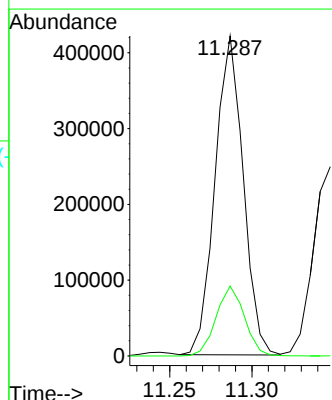
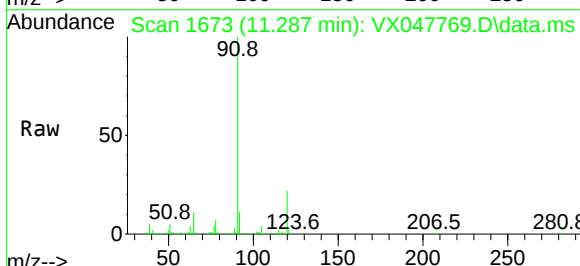
Acq: 24 Sep 2025 11:46

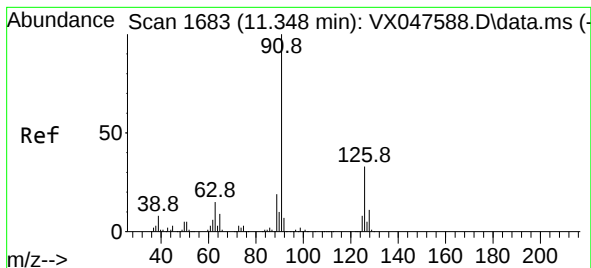
Tgt Ion: 91 Resp: 500892

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1





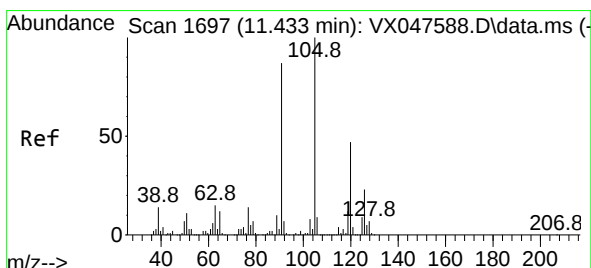
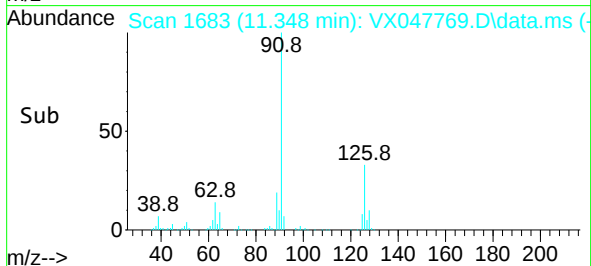
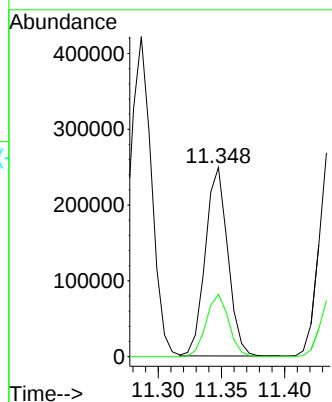
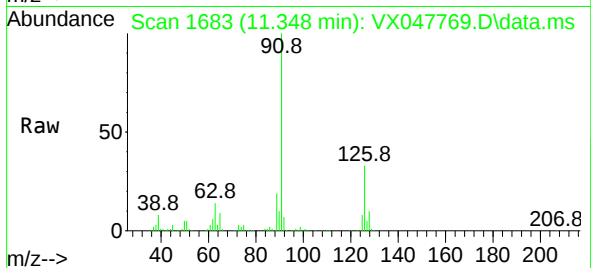
#79
2-Chlorotoluene
Concen: 49.053 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 308064
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.3

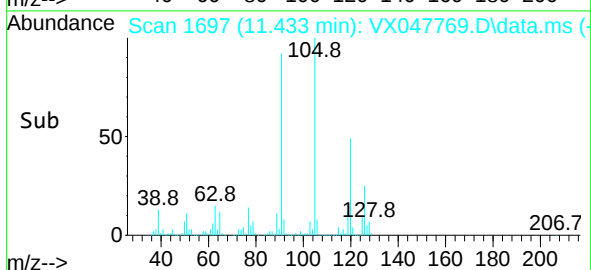
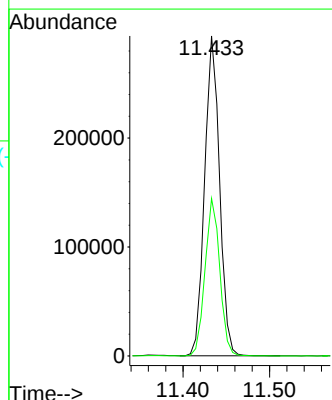
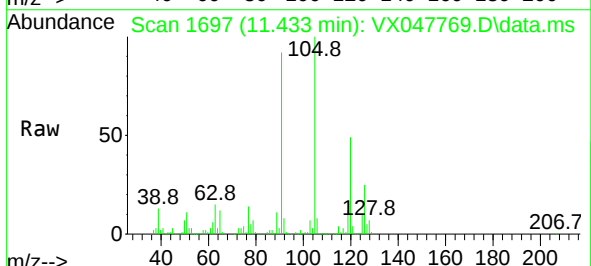
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.271 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

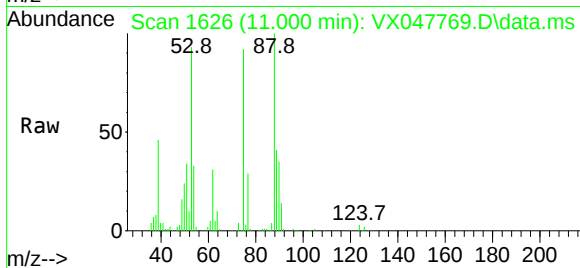
Tgt Ion:105 Resp: 351131
Ion Ratio Lower Upper
105 100
120 48.8 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.467 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

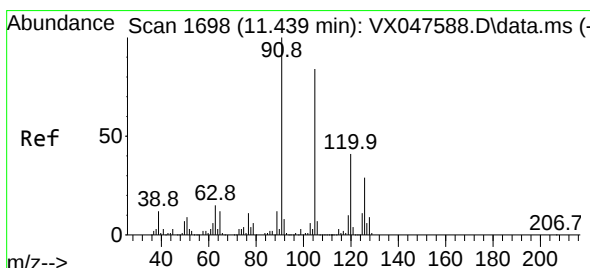
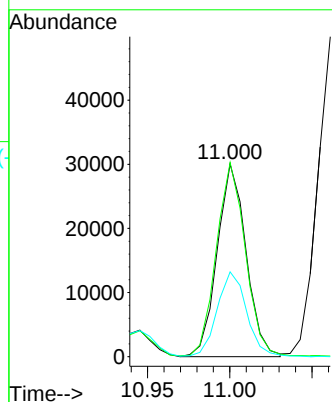
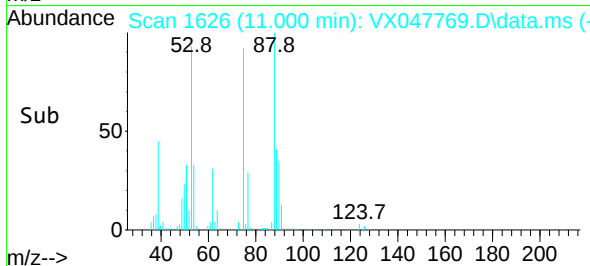
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3665
Ion Ratio Lower Upper
75 100
53 101.3 83.4 125.2
89 45.1 36.3 54.5

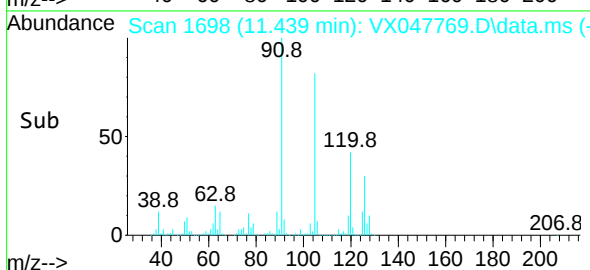
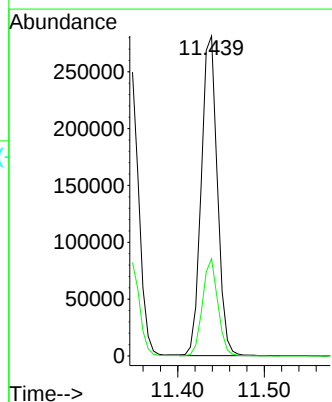
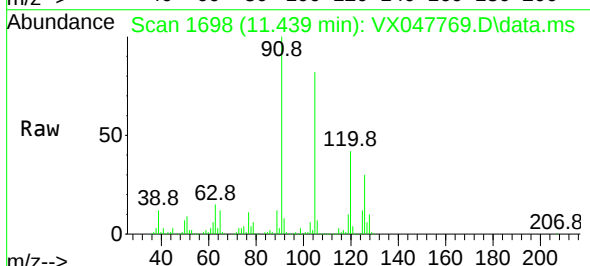
Manual Integrations
APPROVED

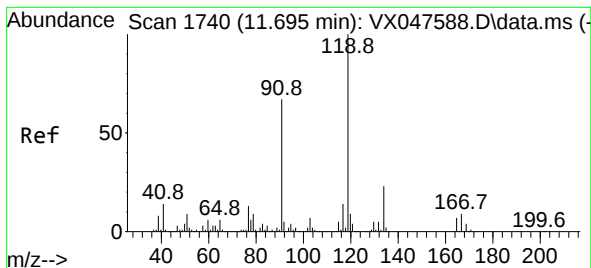
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 48.802 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

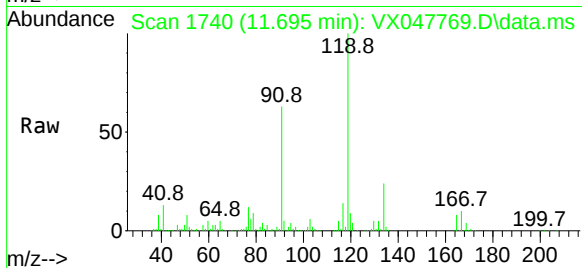
Tgt Ion: 91 Resp: 361984
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.261 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

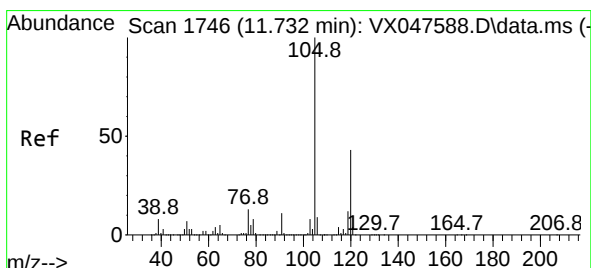
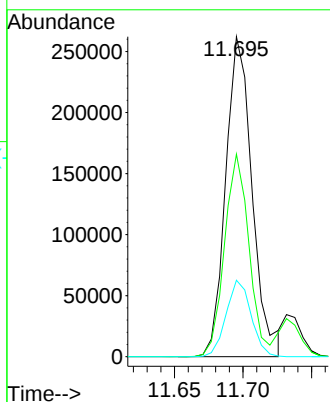
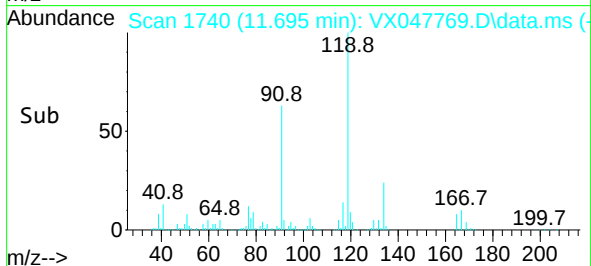
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



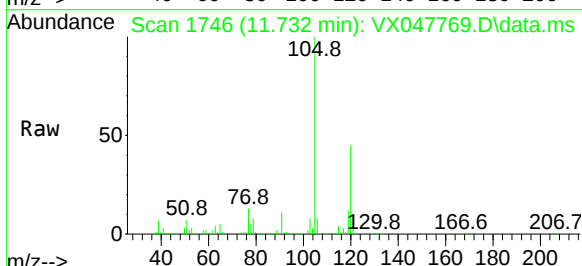
Tgt Ion:119 Resp: 35207
Ion Ratio Lower Upper
119 100
91 58.6 29.6 88.8
134 22.6 11.0 33.0

Manual Integrations
APPROVED

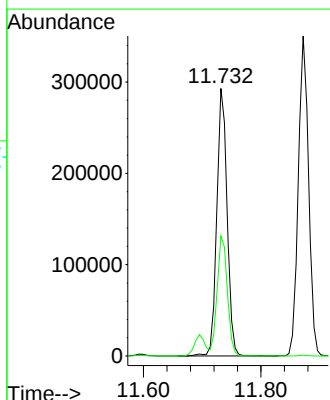
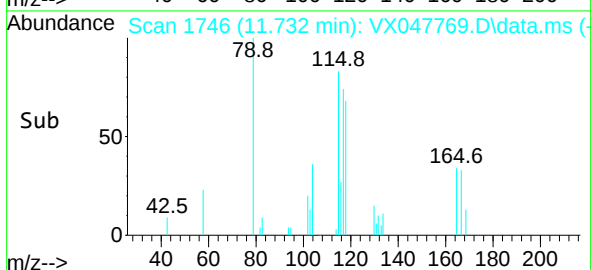
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

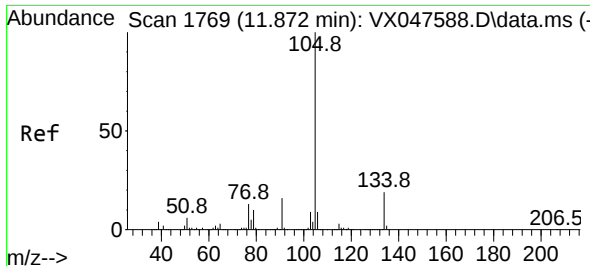


#84
1,2,4-Trimethylbenzene
Concen: 49.229 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



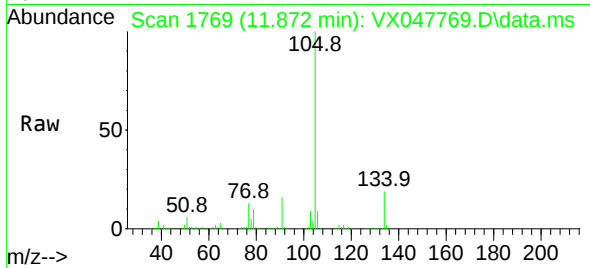
Tgt Ion:105 Resp: 355686
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 49.078 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX047769.D
 Acq: 24 Sep 2025 11:46

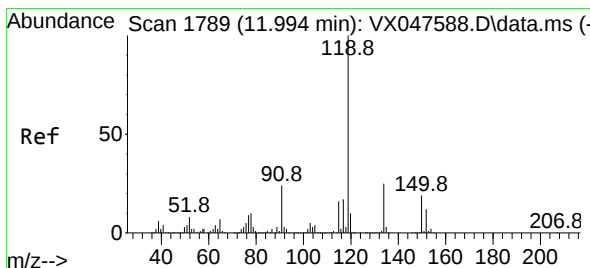
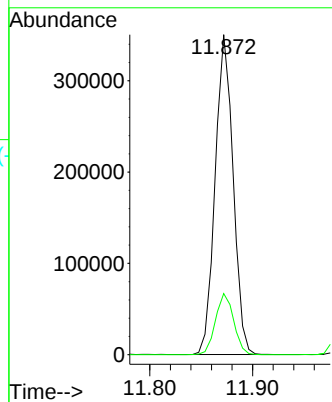
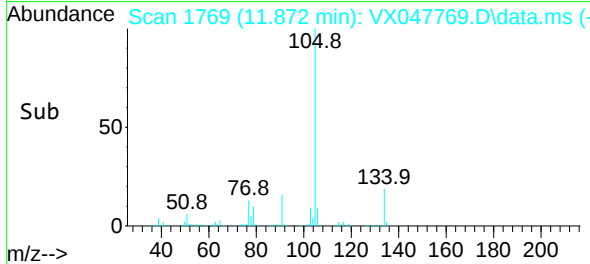
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



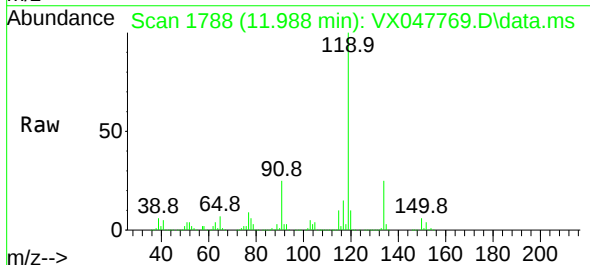
Tgt Ion:105 Resp: 425279
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

Manual Integrations
 APPROVED

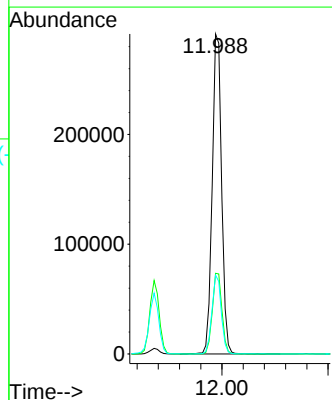
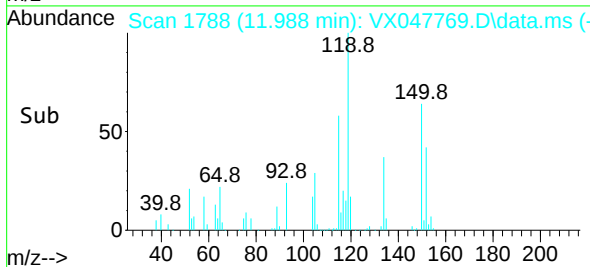
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

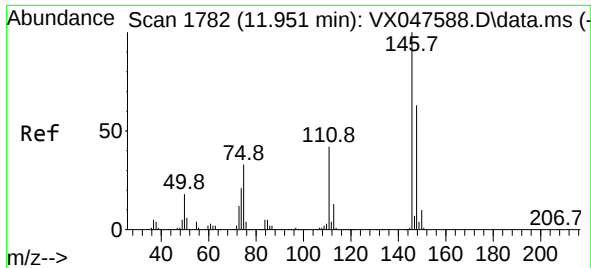


#86
 p-Isopropyltoluene
 Concen: 48.845 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047769.D
 Acq: 24 Sep 2025 11:46



Tgt Ion:119 Resp: 358328
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.5 12.6 37.6





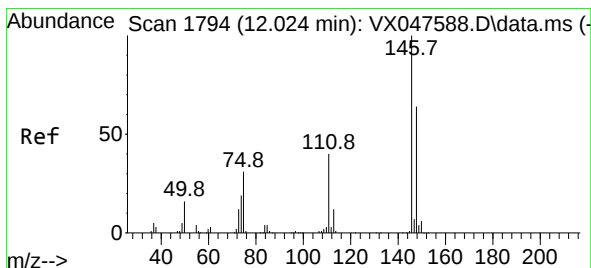
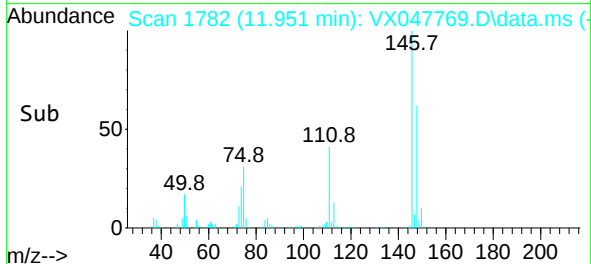
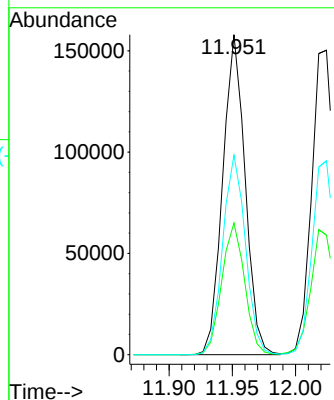
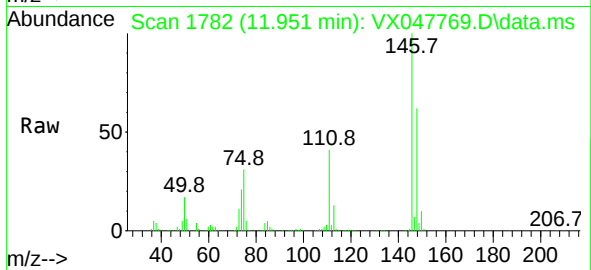
#87
1,3-Dichlorobenzene
Concen: 48.977 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 194340
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.4 32.0 96.0

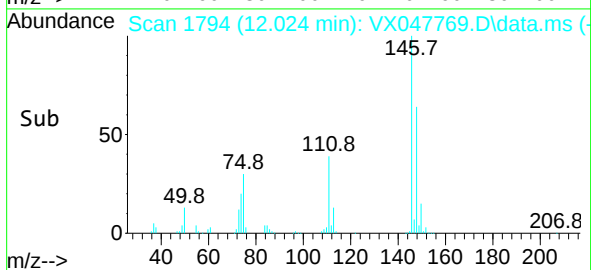
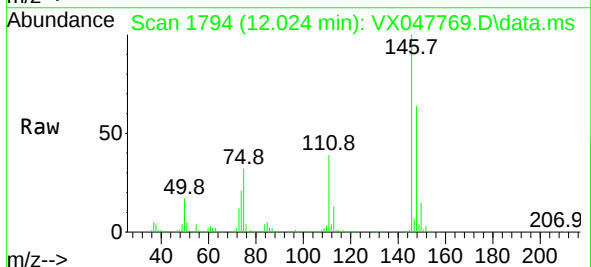
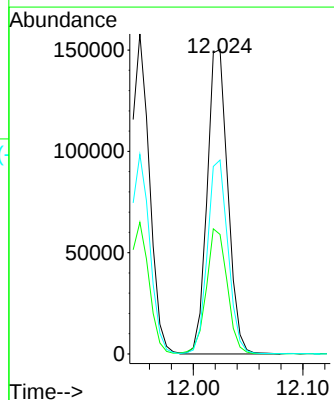
Manual Integrations
APPROVED

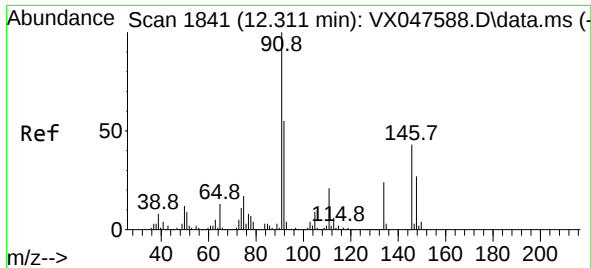
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#88
1,4-Dichlorobenzene
Concen: 48.412 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

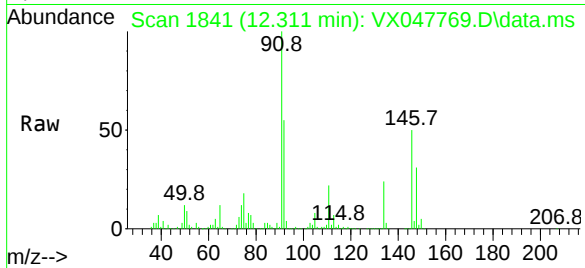
Tgt Ion:146 Resp: 197165
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.4
148 63.3 31.7 95.1





#89
n-Butylbenzene
Concen: 47.219 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

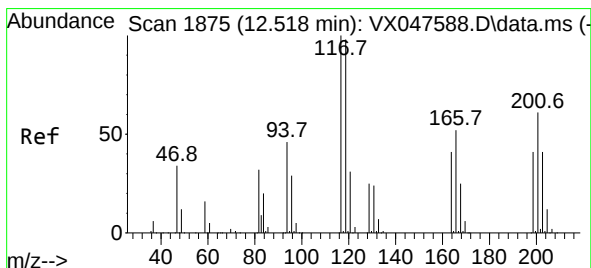
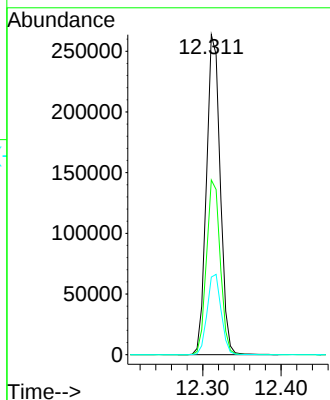
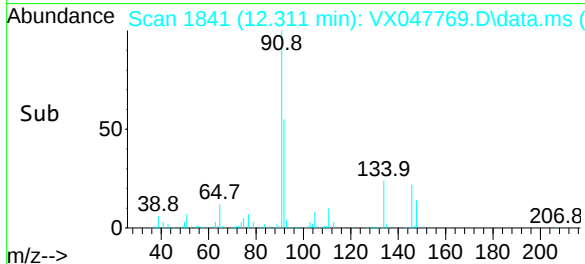
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 320524
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 25.5 12.6 37.8

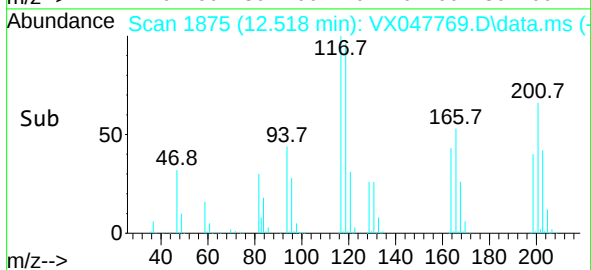
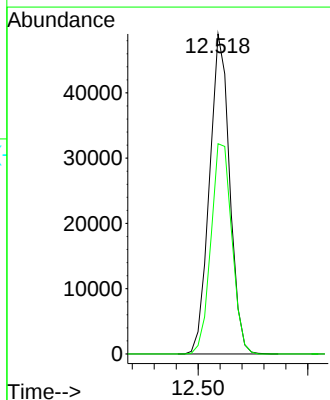
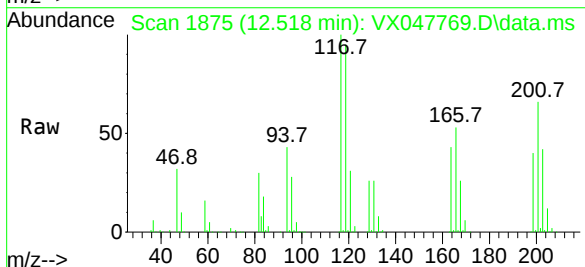
Manual Integrations
APPROVED

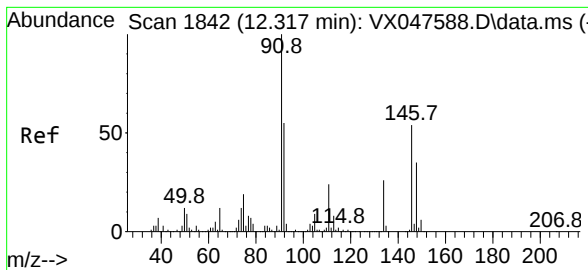
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#90
Hexachloroethane
Concen: 48.665 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

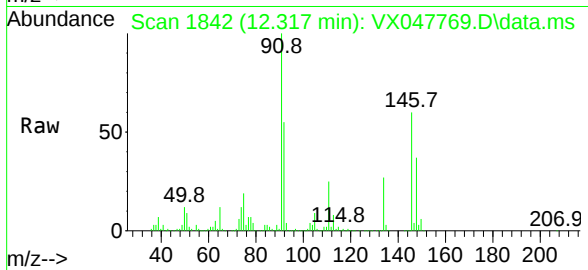
Tgt Ion:117 Resp: 62680
Ion Ratio Lower Upper
117 100
201 68.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.735 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46

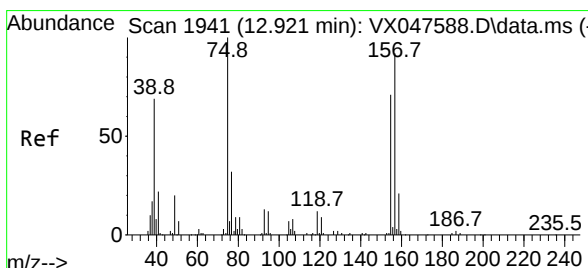
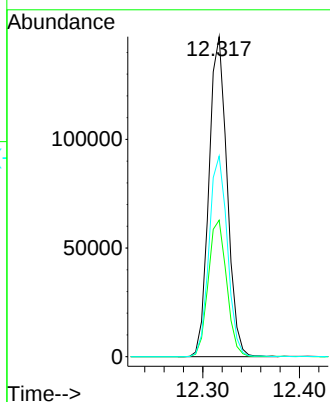
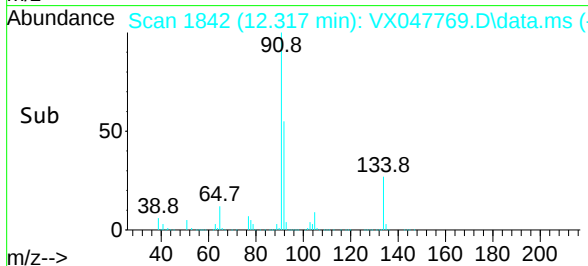
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



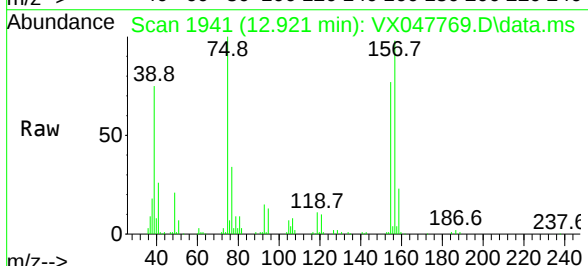
Tgt Ion:146 Resp: 19180
Ion Ratio Lower Upper
146 100
111 43.4 22.2 66.6
148 63.4 31.8 95.4

Manual Integrations
APPROVED

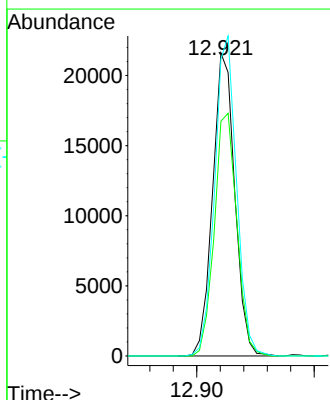
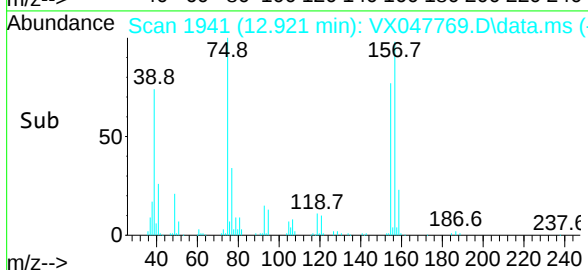
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.180 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047769.D
Acq: 24 Sep 2025 11:46



Tgt Ion: 75 Resp: 28256
Ion Ratio Lower Upper
75 100
155 81.4 37.7 113.1
157 104.3 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 49.455 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 121509

Ion Ratio Lower Upper

180 100

182 93.7 46.6 139.8

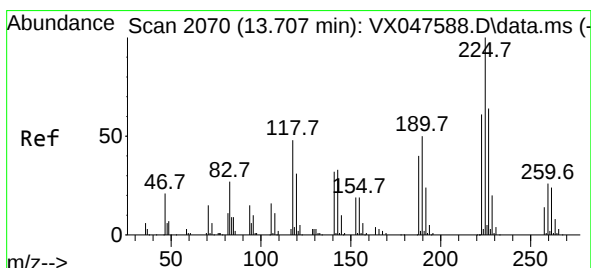
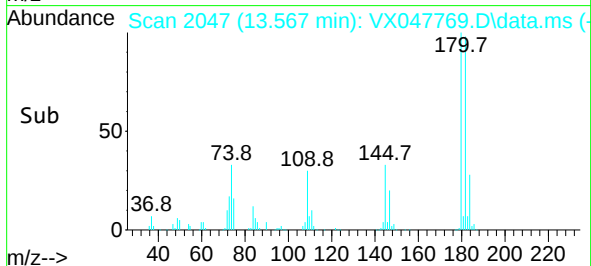
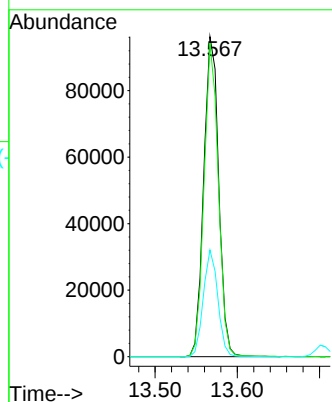
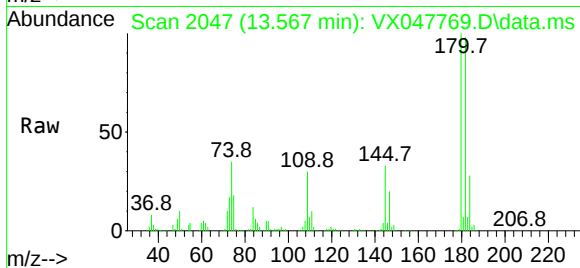
145 32.3 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#94

Hexachlorobutadiene

Concen: 46.267 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

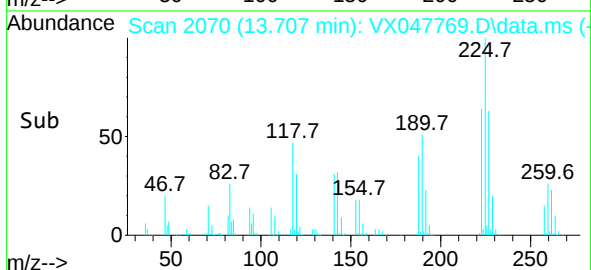
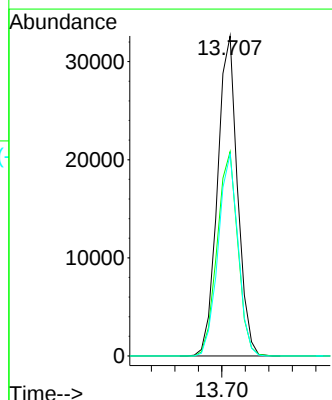
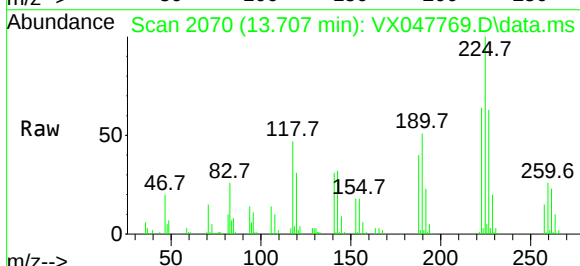
Tgt Ion:225 Resp: 38612

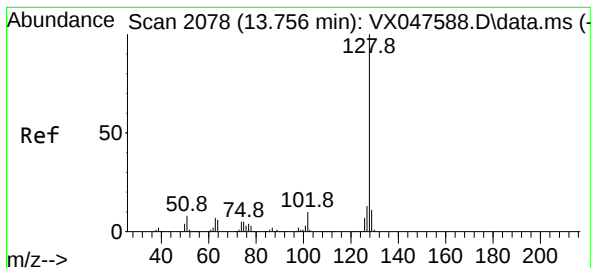
Ion Ratio Lower Upper

225 100

223 65.5 31.7 95.1

227 62.6 32.0 96.0





#95

Naphthalene

Concen: 52.855 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

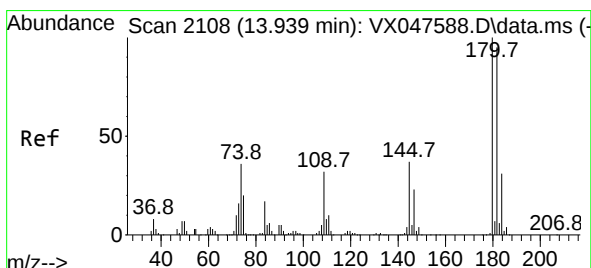
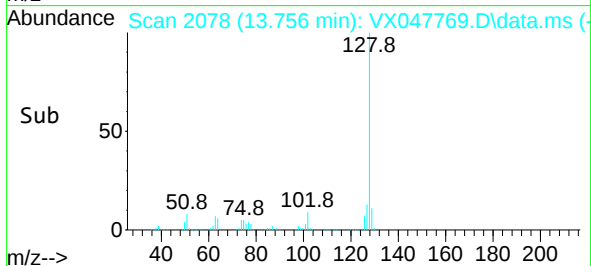
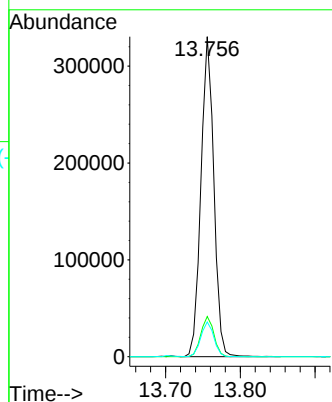
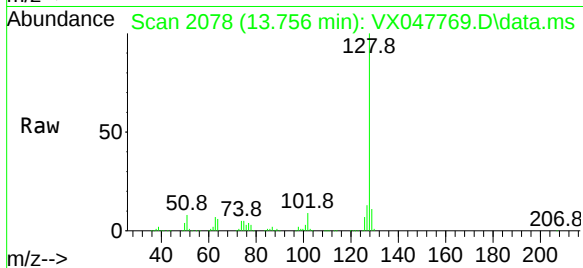
Tgt Ion:	128	Resp:	395438
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.922 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX047769.D

Acq: 24 Sep 2025 11:46

Tgt Ion:	180	Resp:	116383
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.6	142.8
145	34.4	17.9	53.7

