

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047772.D
 Acq On : 24 Sep 2025 13:59
 Operator : JC/MD
 Sample : VX0924WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Quant Time: Sep 25 01:13:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	160966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	287921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135679	52.955	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.900%			
35) Dibromofluoromethane	5.367	113	107014	55.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.840%			
50) Toluene-d8	8.629	98	365795	54.748	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.500%			
62) 4-Bromofluorobenzene	11.061	95	141293	55.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	35092	21.053	ug/l	100
3) Chloromethane	1.301	50	43274	19.754	ug/l	99
4) Vinyl Chloride	1.380	62	43176	20.134	ug/l	97
5) Bromomethane	1.618	94	29555	21.735	ug/l	97
6) Chloroethane	1.697	64	28179	19.661	ug/l	97
7) Trichlorofluoromethane	1.898	101	60839	19.107	ug/l	95
8) Diethyl Ether	2.136	74	26212	20.125	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	37011	19.879	ug/l	98
10) Methyl Iodide	2.453	142	53711	18.498	ug/l	99
11) Tert butyl alcohol	2.941	59	25420	89.081	ug/l	99
12) 1,1-Dichloroethene	2.325	96	37164	19.433	ug/l	96
13) Acrolein	2.233	56	22946	87.260	ug/l	99
14) Allyl chloride	2.666	41	73616	18.654	ug/l	97
15) Acrylonitrile	3.056	53	110803	104.829	ug/l	98
16) Acetone	2.374	43	105276	94.499	ug/l	97
17) Carbon Disulfide	2.514	76	103479	19.765	ug/l	99
18) Methyl Acetate	2.697	43	51214	20.657	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	136607	19.568	ug/l	97
20) Methylene Chloride	2.788	84	47324	20.068	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	41747	20.276	ug/l	92
22) Diisopropyl ether	3.751	45	153137	20.023	ug/l	98
23) Vinyl Acetate	3.709	43	604927	98.825	ug/l	100
24) 1,1-Dichloroethane	3.599	63	79300	19.508	ug/l	98
25) 2-Butanone	4.538	43	141867	102.090	ug/l	100
26) 2,2-Dichloropropane	4.465	77	63397	18.761	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	50441	20.004	ug/l	98
28) Bromochloromethane	4.879	49	37245	20.987	ug/l	98
29) Tetrahydrofuran	4.989	42	83194	99.518	ug/l	99
30) Chloroform	5.074	83	82364	20.050	ug/l	100
31) Cyclohexane	5.452	56	64054	18.919	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	68180	19.567	ug/l	99
36) 1,1-Dichloropropene	5.678	75	52624	18.651	ug/l	98
37) Ethyl Acetate	4.690	43	59383	19.656	ug/l	98
38) Carbon Tetrachloride	5.660	117	56770	18.518	ug/l	96
39) Methylcyclohexane	7.367	83	58835	18.369	ug/l	97
40) Benzene	6.025	78	171230	19.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	30851	19.781	ug/l	96
42) 1,2-Dichloroethane	6.068	62	62217	19.081	ug/l	99
43) Isopropyl Acetate	6.318	43	96880	19.553	ug/l	99
44) Trichloroethene	7.104	130	41002	19.790	ug/l	98
45) 1,2-Dichloropropane	7.415	63	43710	19.919	ug/l	97
46) Dibromomethane	7.562	93	31385	19.654	ug/l	95
47) Bromodichloromethane	7.805	83	64722	19.641	ug/l	99
48) Methyl methacrylate	7.677	41	48200	19.530	ug/l	98
49) 1,4-Dioxane	7.647	88	11736	470.527	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	289193	105.270	ug/l	99
52) Toluene	8.702	92	104564	19.804	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	63962	19.030	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	70664	19.669	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	42278	20.766	ug/l	98
56) Ethyl methacrylate	9.098	69	62475	19.540	ug/l	98
57) 1,3-Dichloropropane	9.293	76	73306	20.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	144993	101.954	ug/l	99
59) 2-Hexanone	9.415	43	202304	102.535	ug/l	99
60) Dibromochloromethane	9.506	129	47122	20.088	ug/l	99
61) 1,2-Dibromoethane	9.592	107	44045	21.240	ug/l	100
64) Tetrachloroethene	9.256	164	32977	19.110	ug/l	98
65) Chlorobenzene	10.061	112	118026	19.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	40597	19.563	ug/l	99
67) Ethyl Benzene	10.177	91	197704	19.053	ug/l	99
68) m/p-Xylenes	10.287	106	148875	38.547	ug/l	99
69) o-Xylene	10.622	106	72324	19.361	ug/l	98
70) Styrene	10.634	104	126494	19.325	ug/l	98
71) Bromoform	10.781	173	30430	19.638	ug/l #	96
73) Isopropylbenzene	10.945	105	183812	18.708	ug/l	99
74) N-amyl acetate	10.829	43	84398	18.837	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	60136	20.230	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	46823m	17.894	ug/l	
77) Bromobenzene	11.183	156	47200	19.505	ug/l	97
78) n-propylbenzene	11.287	91	219305	18.882	ug/l	100
79) 2-Chlorotoluene	11.348	91	133694	18.794	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	152588	18.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	17467	17.023	ug/l	94
82) 4-Chlorotoluene	11.439	91	159461	18.979	ug/l	99
83) tert-Butylbenzene	11.695	119	150008	18.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	155933	19.053	ug/l	98
85) sec-Butylbenzene	11.872	105	184409	18.788	ug/l	100
86) p-Isopropyltoluene	11.988	119	155061	18.660	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	86052	19.145	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	86839	18.824	ug/l	97
89) n-Butylbenzene	12.311	91	143536	18.668	ug/l	98
90) Hexachloroethane	12.518	117	26384	18.084	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	83853	19.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	11106	18.453	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	52549	18.882	ug/l	98
94) Hexachlorobutadiene	13.707	225	17306	18.307	ug/l	99
95) Naphthalene	13.756	128	156255	18.438	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	49161	18.990	ug/l	99

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Instrument :
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ClientSampleId :
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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

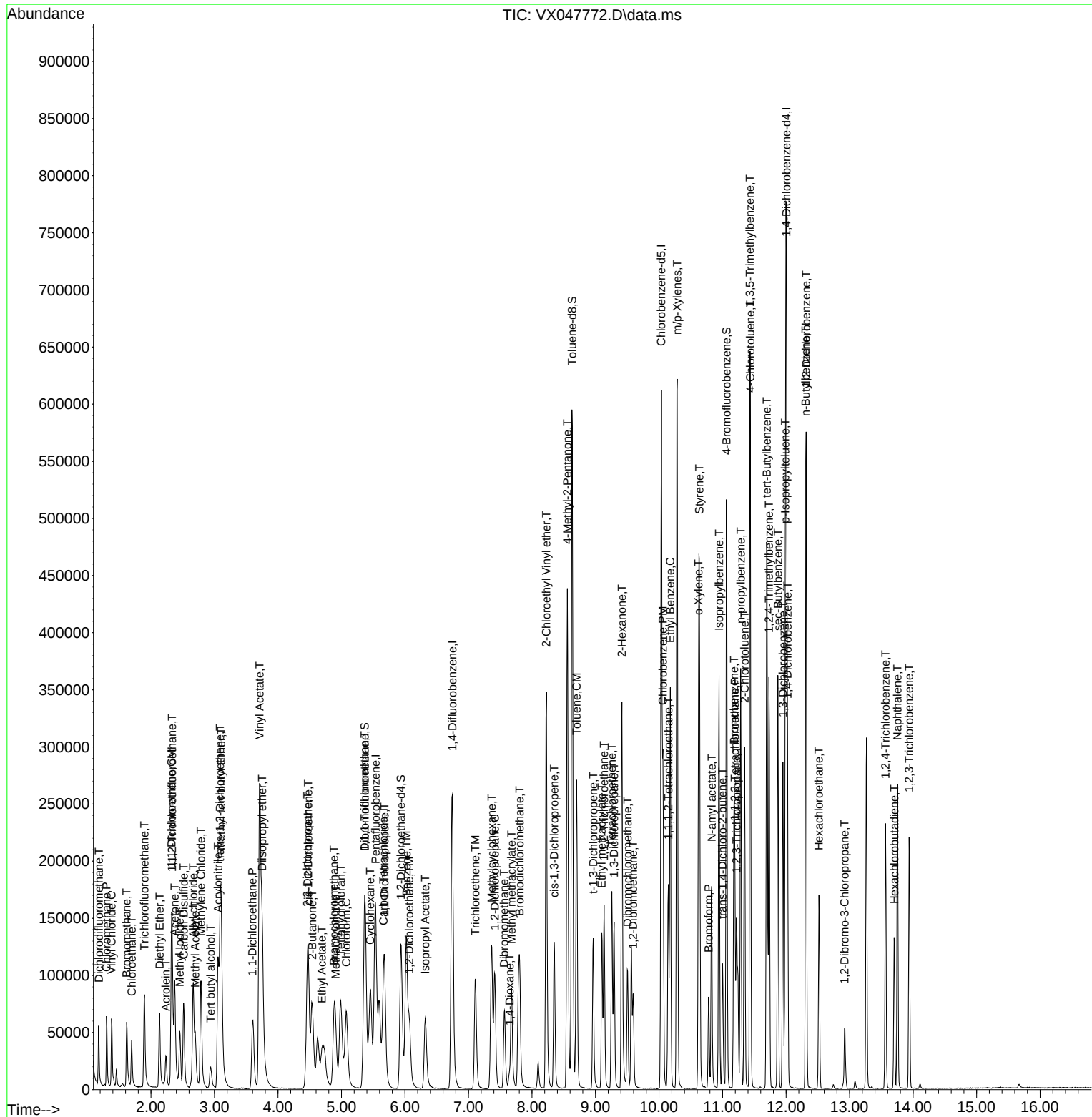
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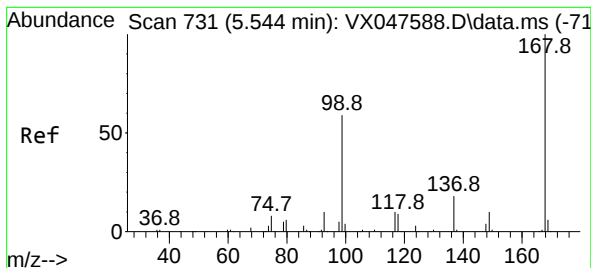
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion:168 Resp: 160960

Ion Ratio Lower Upper

168 100

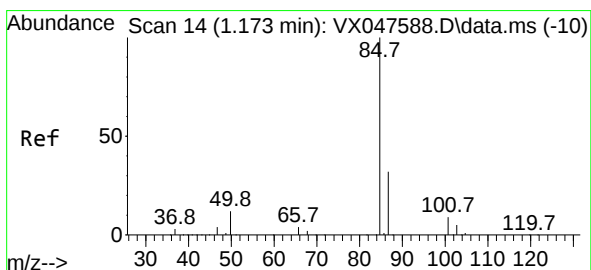
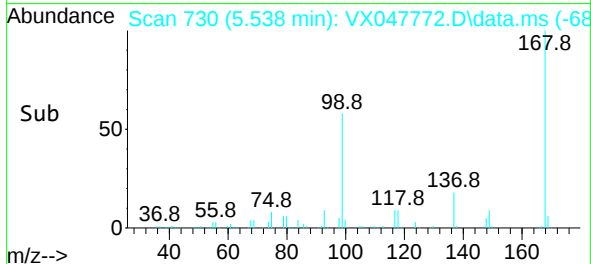
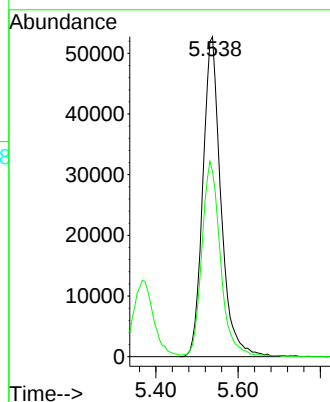
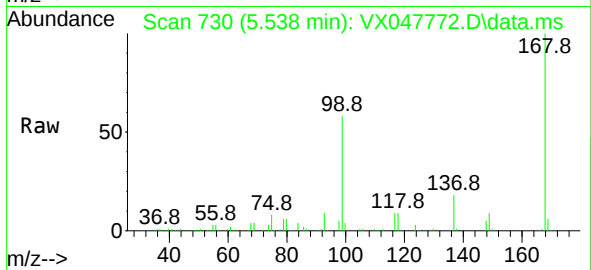
99 57.6 48.8 73.2

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 21.053 ug/l

RT: 1.179 min Scan# 15

Delta R.T. 0.006 min

Lab File: VX047772.D

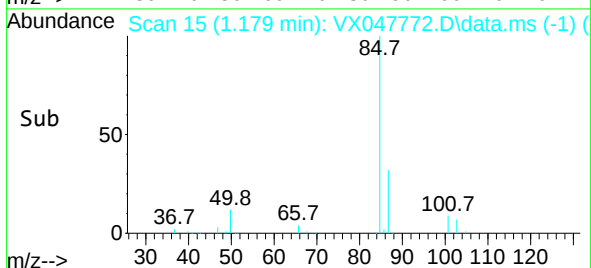
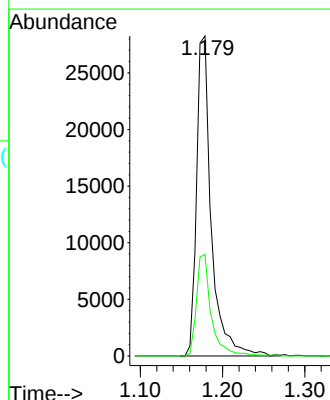
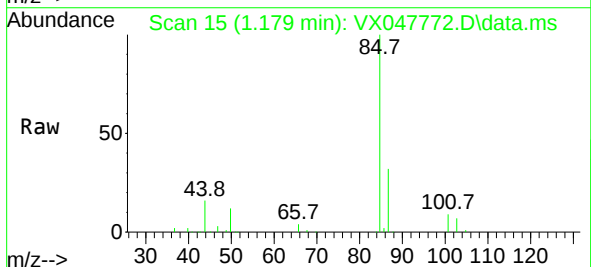
Acq: 24 Sep 2025 13:59

Tgt Ion: 85 Resp: 35092

Ion Ratio Lower Upper

85 100

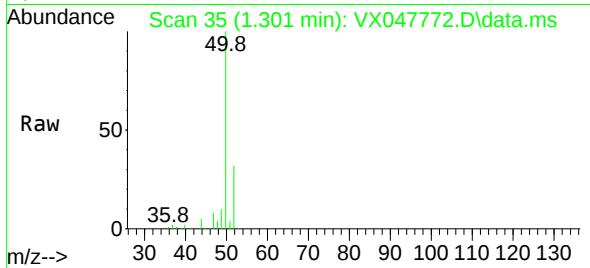
87 31.7 15.8 47.3





#3
Chloromethane
Concen: 19.754 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

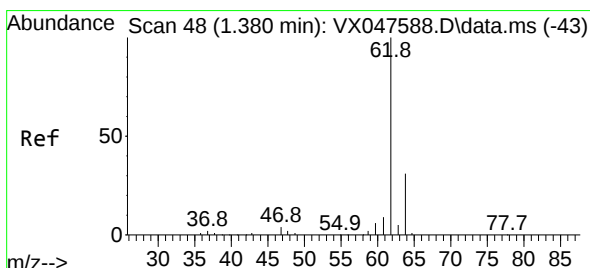
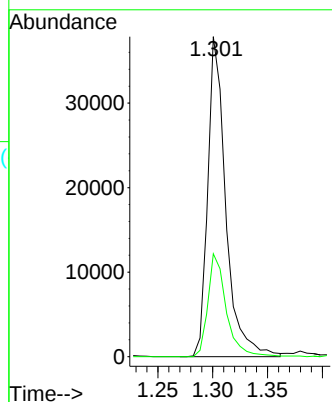
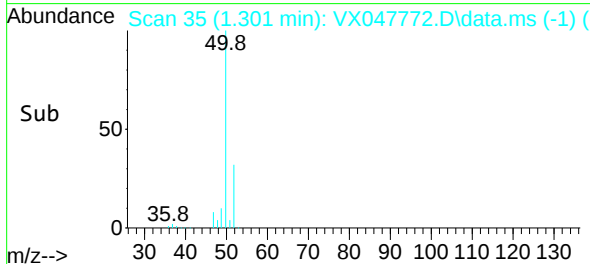
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



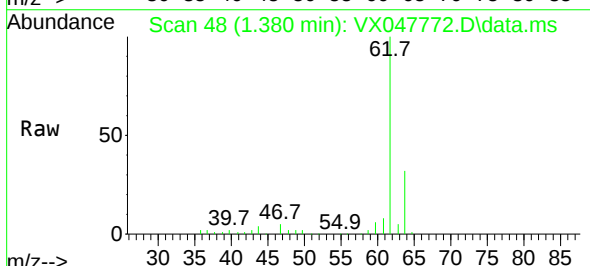
Tgt Ion: 50 Resp: 43274
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1

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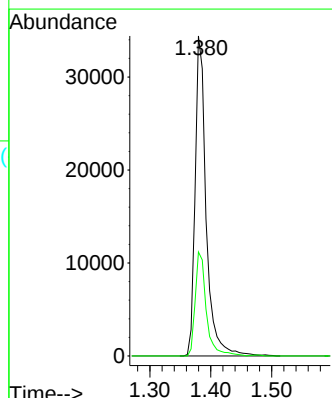
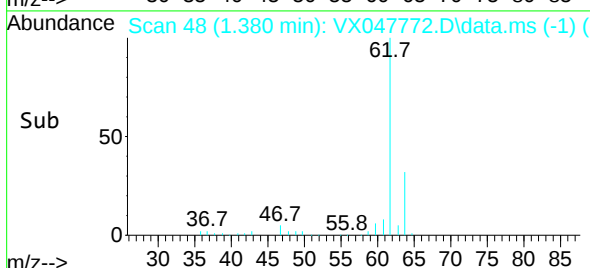
Reviewed By :John Carlone 09/25/2025
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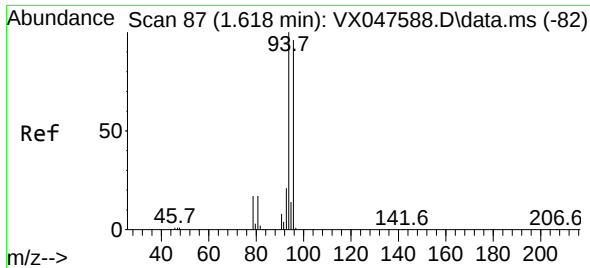


#4
Vinyl Chloride
Concen: 20.134 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



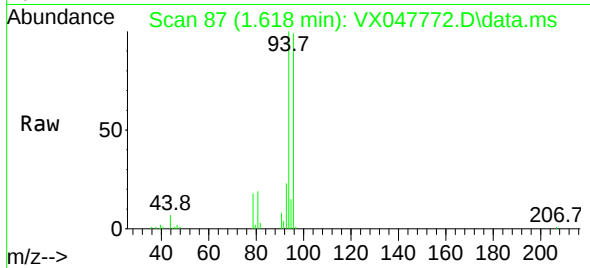
Tgt Ion: 62 Resp: 43176
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3





#5
Bromomethane
Concen: 21.735 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

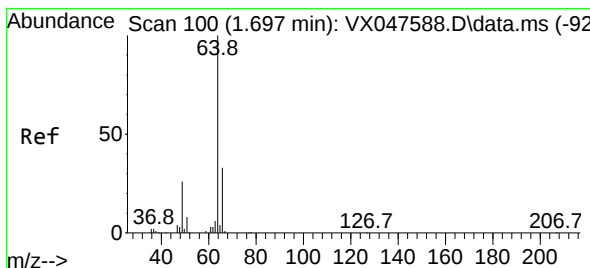
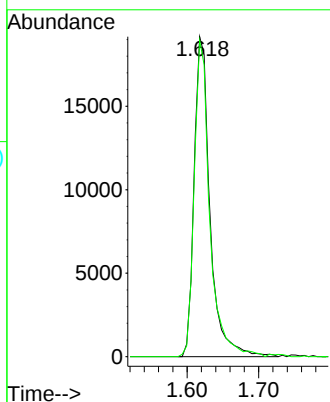
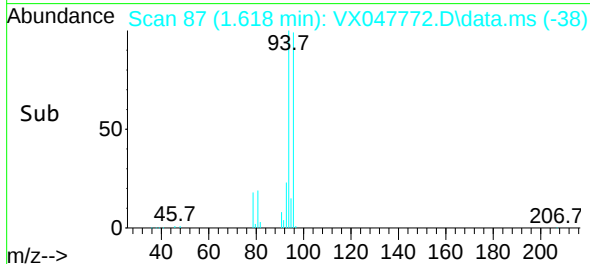
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Tgt Ion: 94 Resp: 2955
Ion Ratio Lower Upper
94 100
96 98.9 76.6 115.0

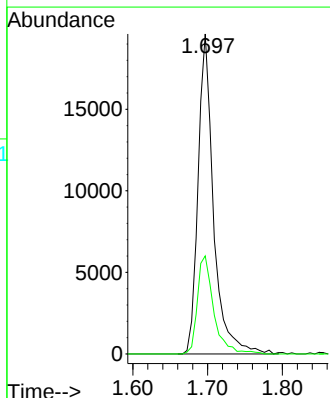
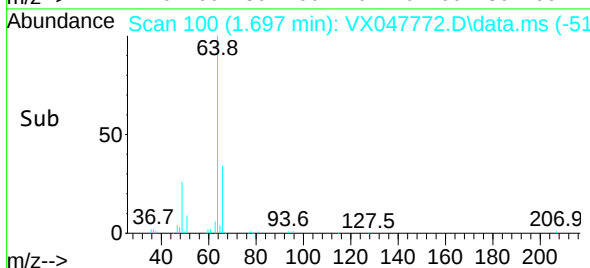
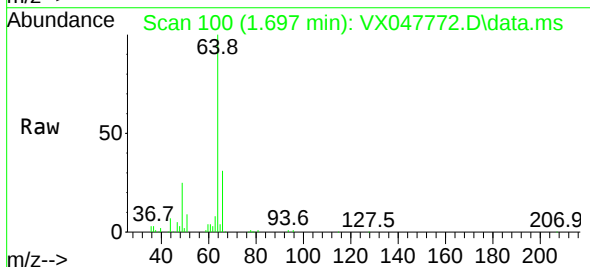
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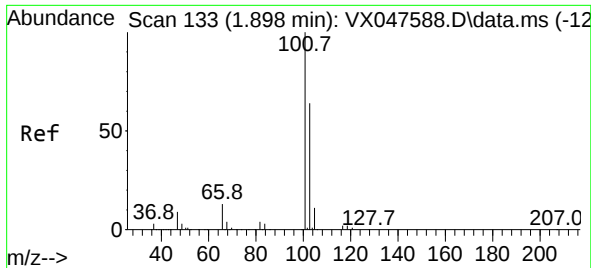
Reviewed By :John Carlone 09/25/2025
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#6
Chloroethane
Concen: 19.661 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047772.D
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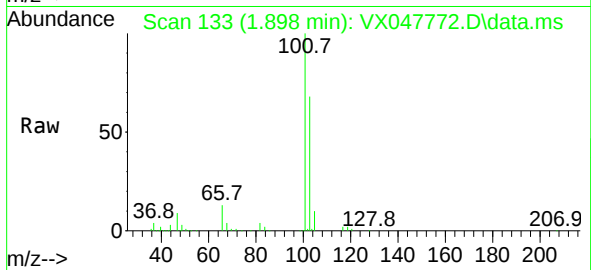
Tgt Ion: 64 Resp: 28179
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 19.107 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047772.D
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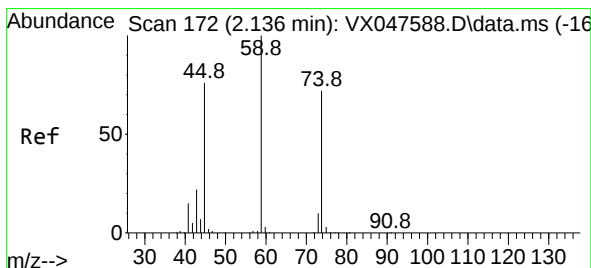
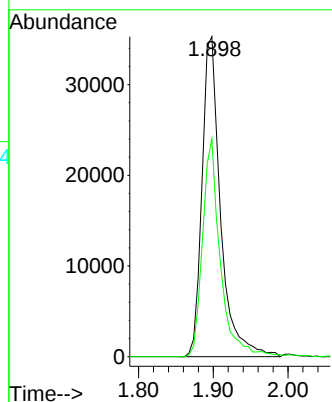
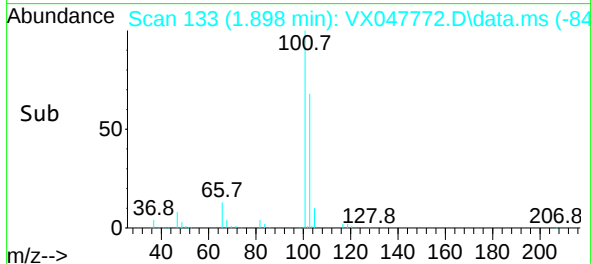
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 60839
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.4 77.2

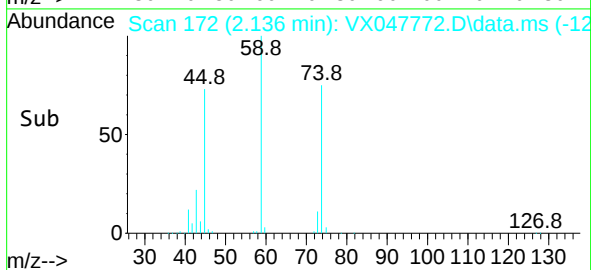
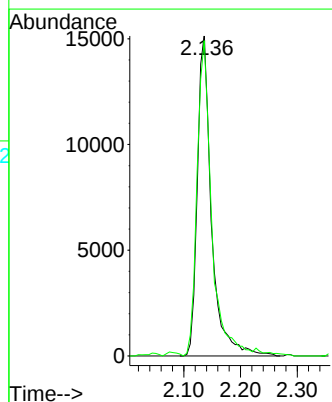
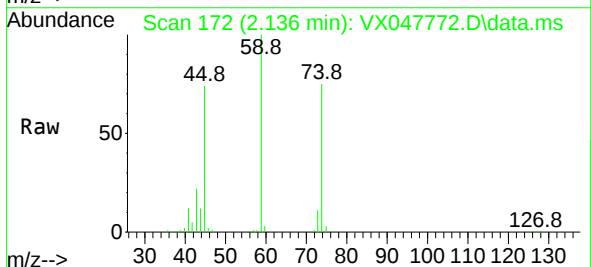
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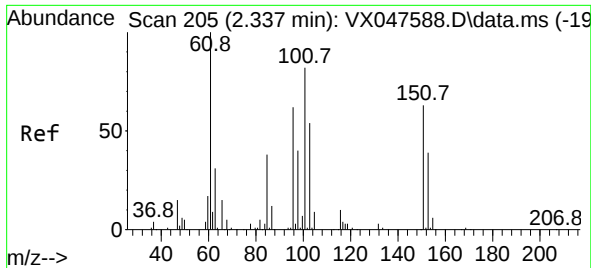
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#8
 Diethyl Ether
 Concen: 20.125 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047772.D
 Acq: 24 Sep 2025 13:59

Tgt Ion: 74 Resp: 26212
 Ion Ratio Lower Upper
 74 100
 45 101.5 52.3 156.8





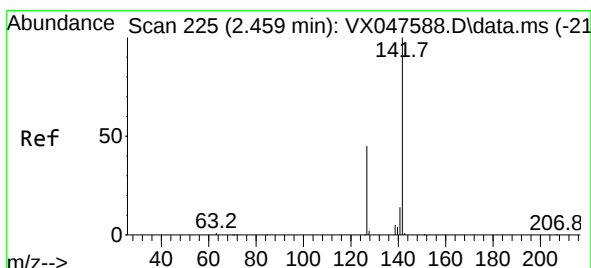
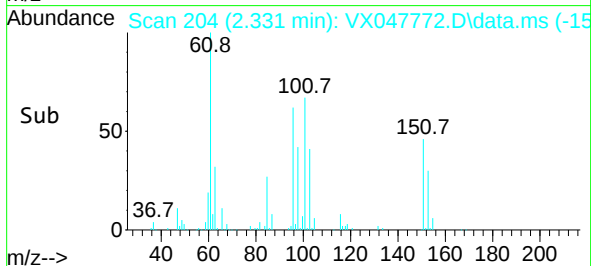
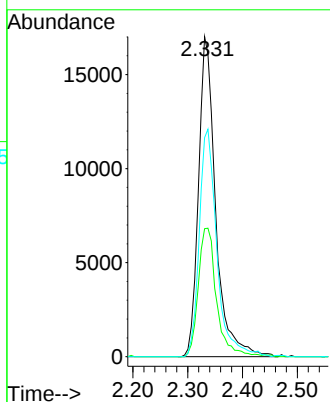
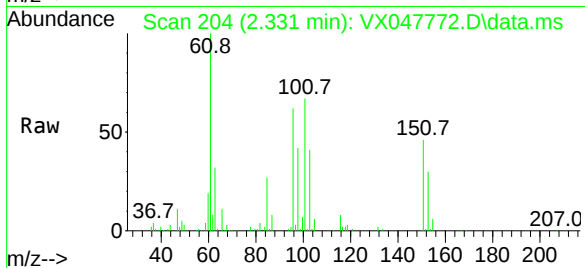
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.879 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion:101 Resp: 3701
Ion Ratio Lower Upper
101 100
85 42.6 35.5 53.3
151 73.0 59.4 89.0

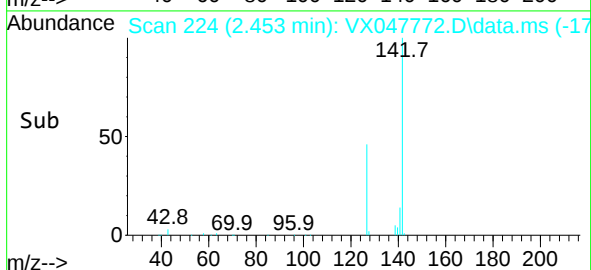
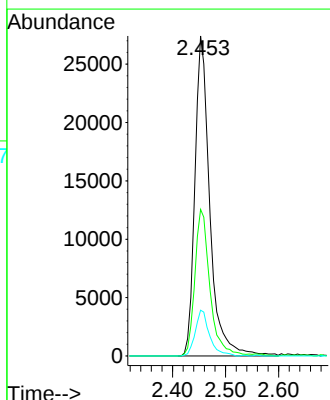
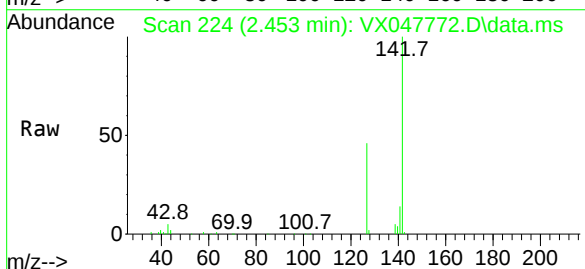
Manual Integrations
APPROVED

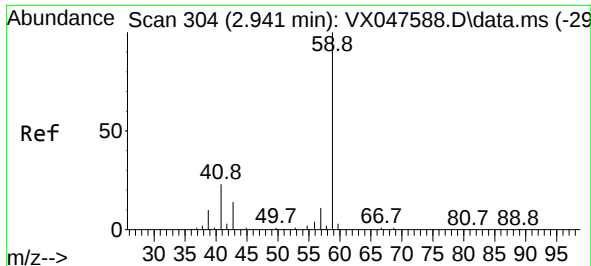
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 18.498 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

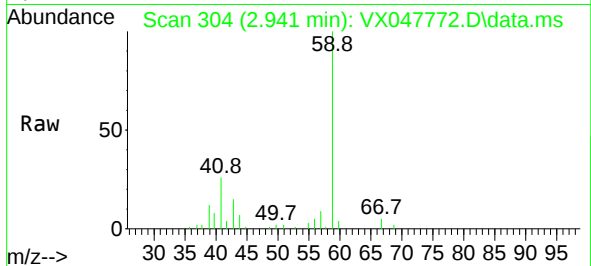
Tgt Ion:142 Resp: 53711
Ion Ratio Lower Upper
142 100
127 46.1 37.2 55.8
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 89.081 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

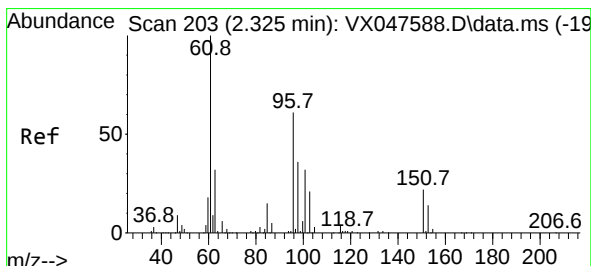
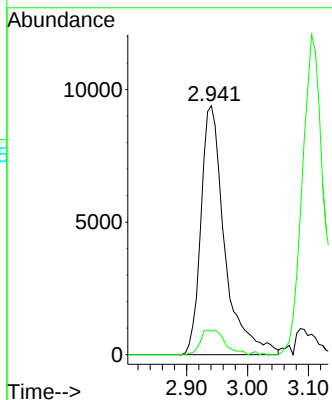
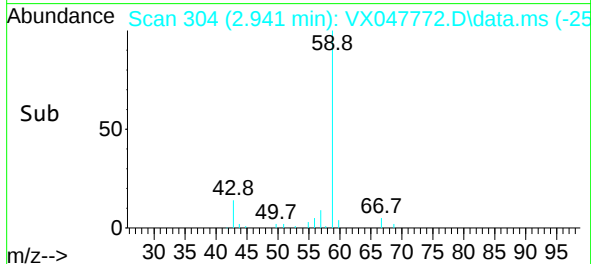
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



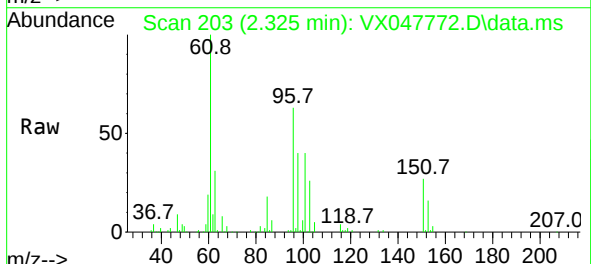
Tgt Ion: 59 Resp: 25420
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

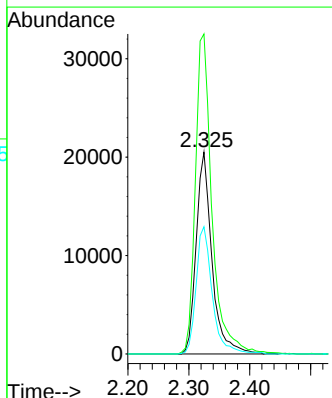
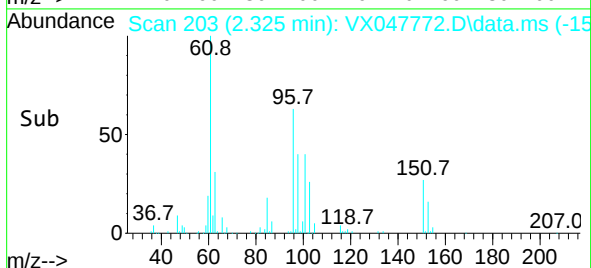
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#12
1,1-Dichloroethene
Concen: 19.433 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



Tgt Ion: 96 Resp: 37164
Ion Ratio Lower Upper
96 100
61 158.5 131.0 196.6
98 63.0 47.7 71.5





#13

Acrolein

Concen: 87.260 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion: 56 Resp: 22940

Ion Ratio Lower Upper

56 100

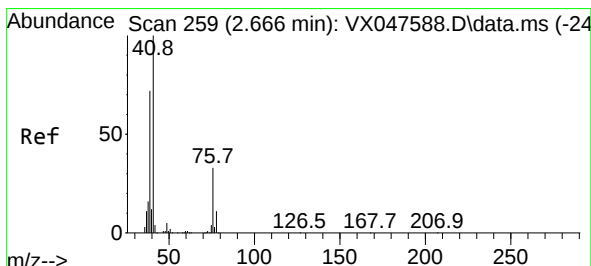
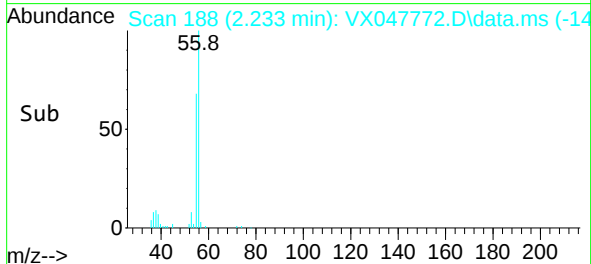
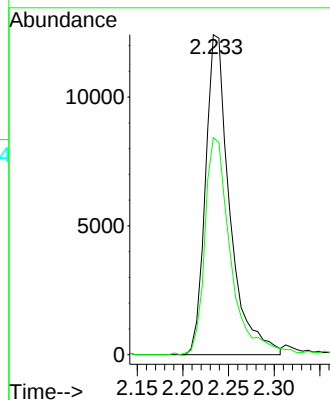
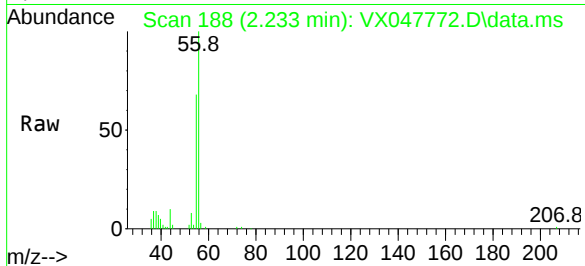
55 72.2 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#14

Allyl chloride

Concen: 18.654 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

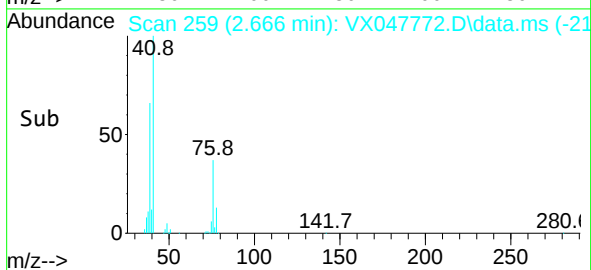
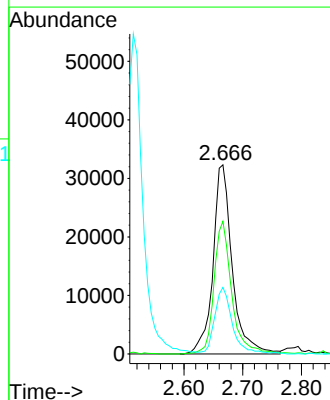
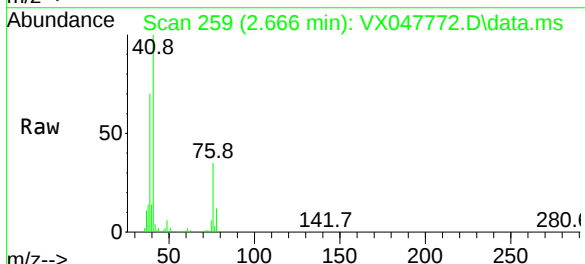
Tgt Ion: 41 Resp: 73616

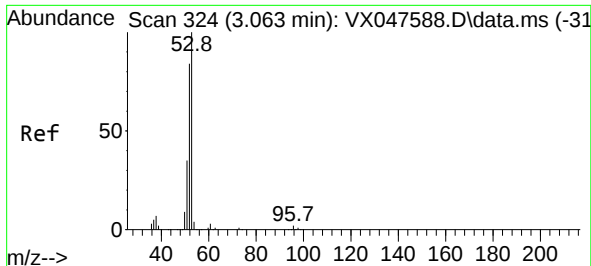
Ion Ratio Lower Upper

41 100

39 64.8 54.7 82.1

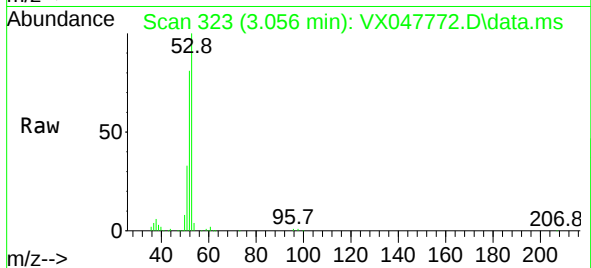
76 32.5 25.7 38.5





#15
Acrylonitrile
Concen: 104.829 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

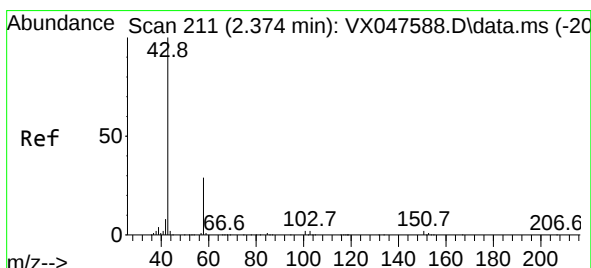
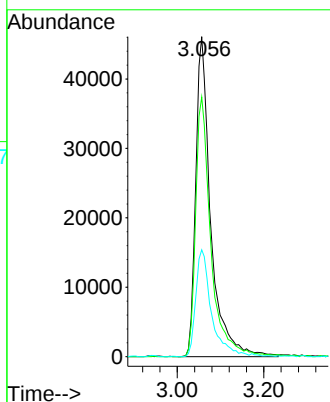
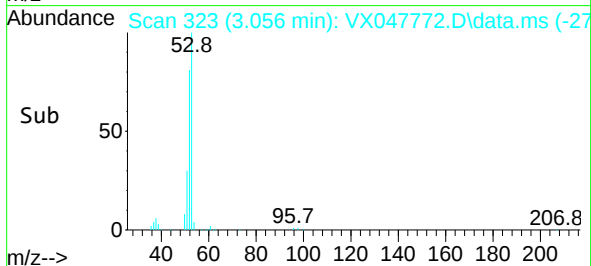
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 53 Resp: 11080
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 34.9 29.5 44.3

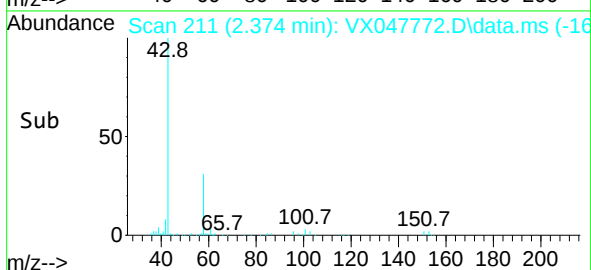
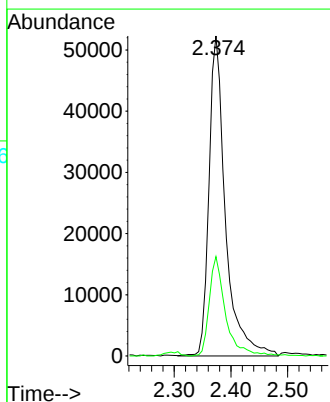
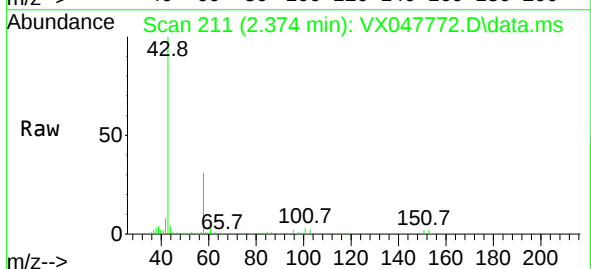
Manual Integrations
APPROVED

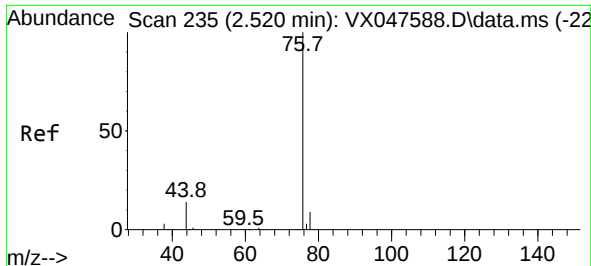
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 94.499 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Tgt Ion: 43 Resp: 105276
Ion Ratio Lower Upper
43 100
58 30.7 23.4 35.0





#17

Carbon Disulfide

Concen: 19.765 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion: 76 Resp: 103479

Ion Ratio Lower Upper

76 100

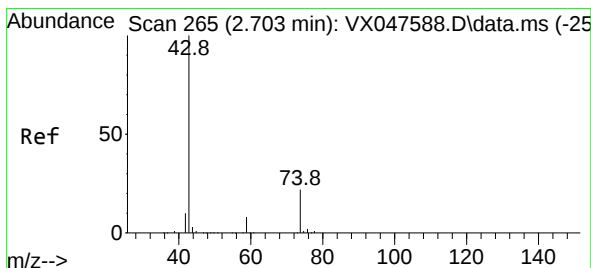
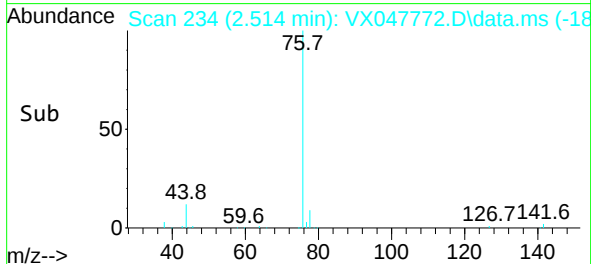
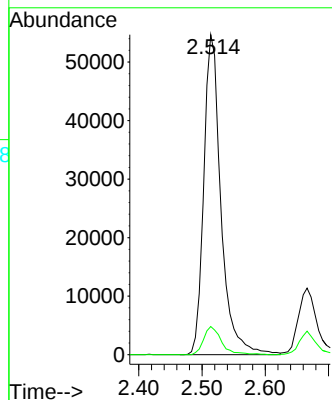
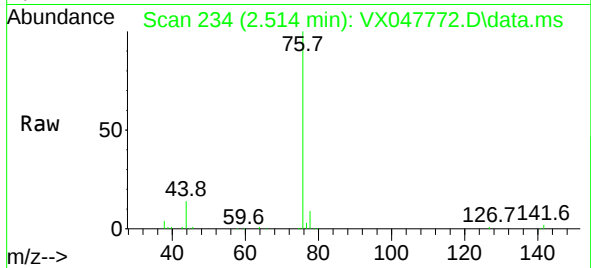
78 8.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#18

Methyl Acetate

Concen: 20.657 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047772.D

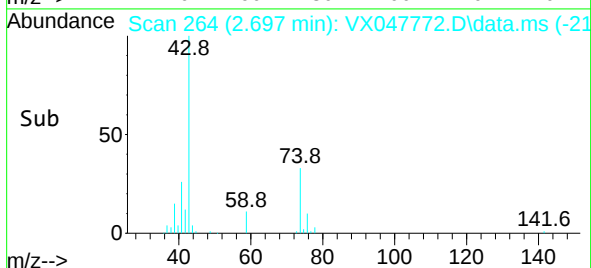
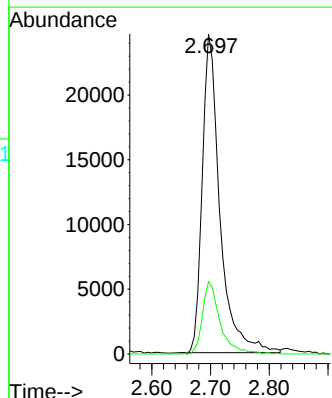
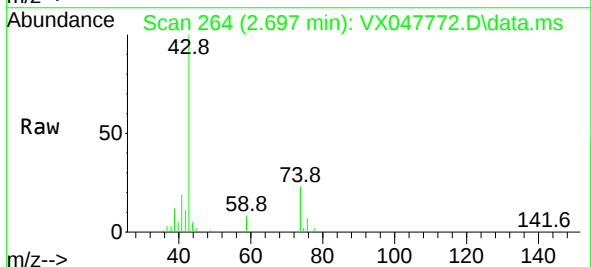
Acq: 24 Sep 2025 13:59

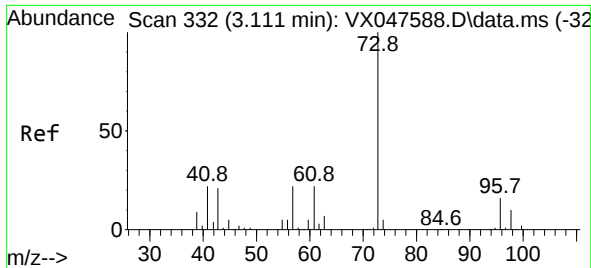
Tgt Ion: 43 Resp: 51214

Ion Ratio Lower Upper

43 100

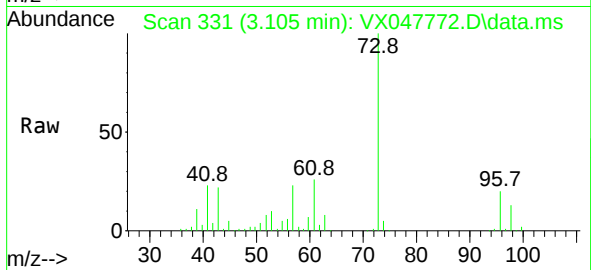
74 22.6 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 19.568 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

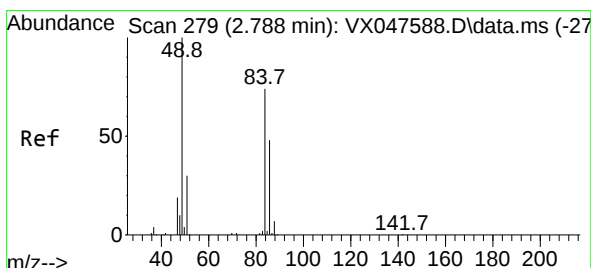
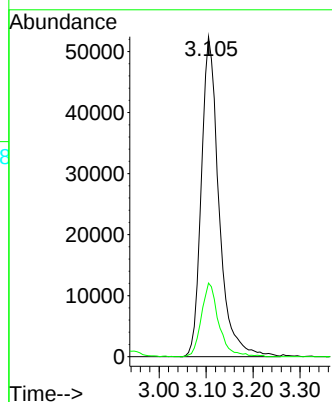
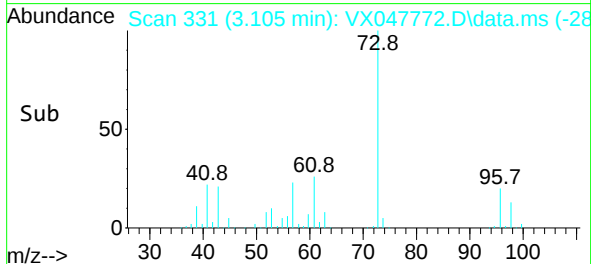
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 73 Resp: 13660
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2

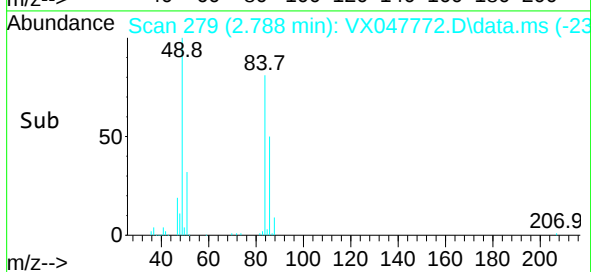
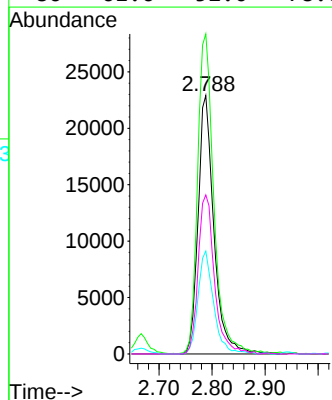
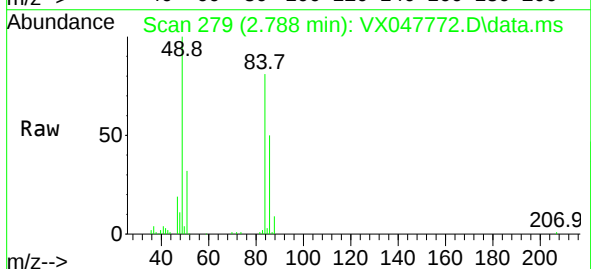
Manual Integrations
APPROVED

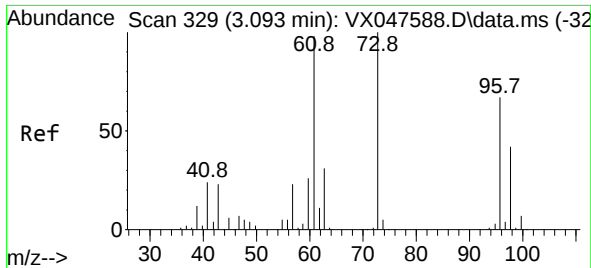
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 20.068 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

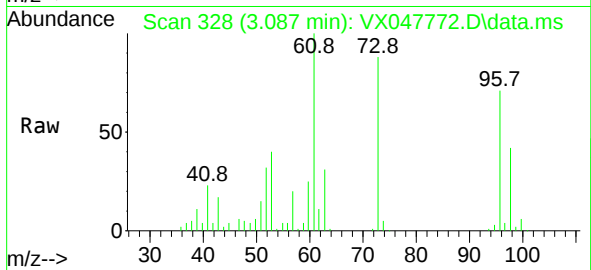
Tgt Ion: 84 Resp: 47324
Ion Ratio Lower Upper
84 100
49 123.6 108.6 162.8
51 39.8 32.6 48.8
86 61.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 20.276 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

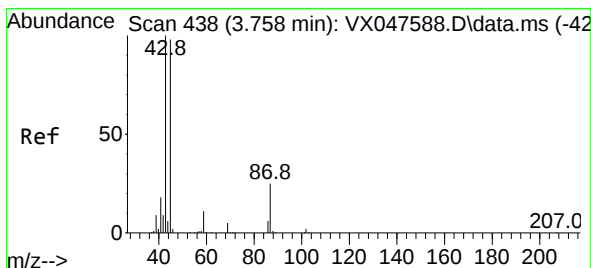
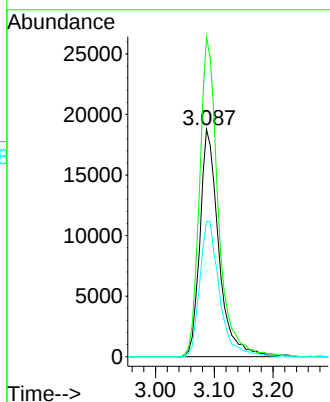
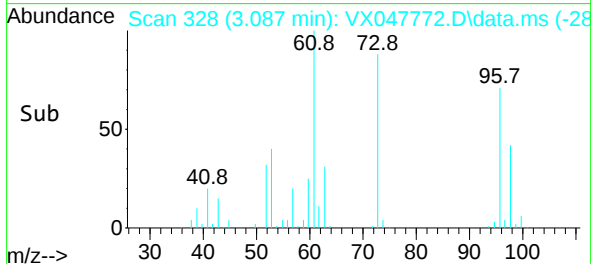
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 96 Resp: 4174
Ion Ratio Lower Upper
96 100
61 134.2 116.2 174.2
98 56.8 49.3 73.9

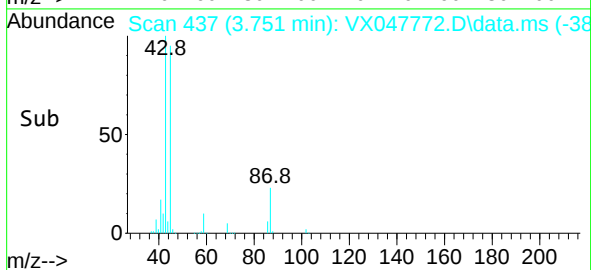
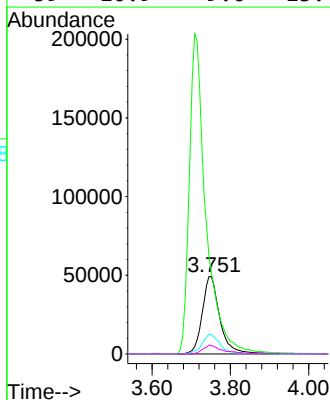
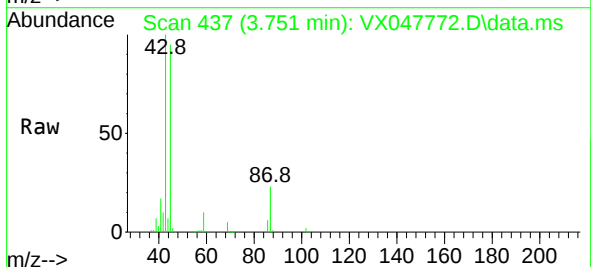
Manual Integrations
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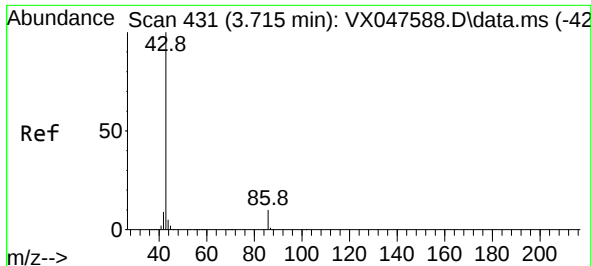
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 20.023 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

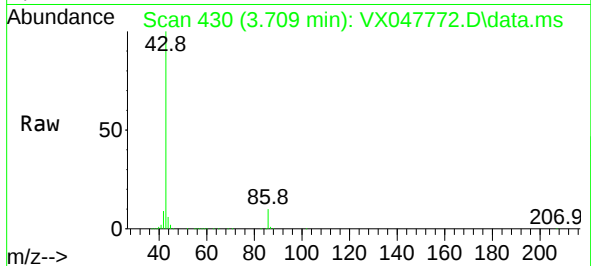
Tgt Ion: 45 Resp: 153137
Ion Ratio Lower Upper
45 100
43 103.9 81.0 121.4
87 24.8 20.3 30.5
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 98.825 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047772.D
 Acq: 24 Sep 2025 13:59

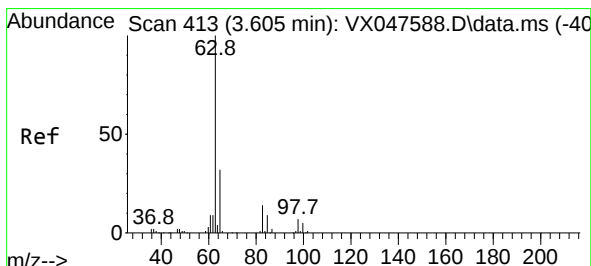
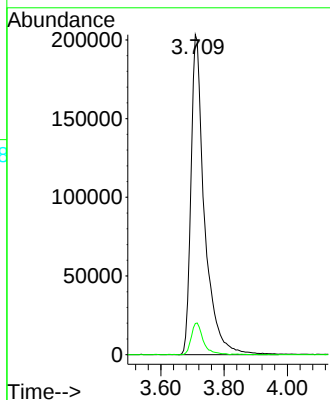
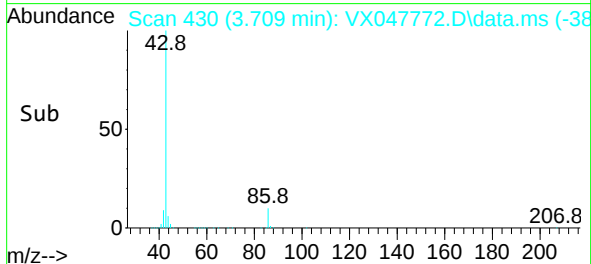
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01



Tgt Ion: 43 Resp: 60492
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

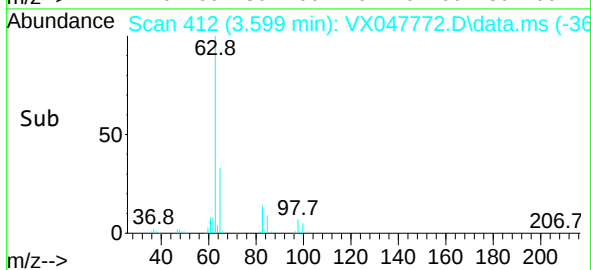
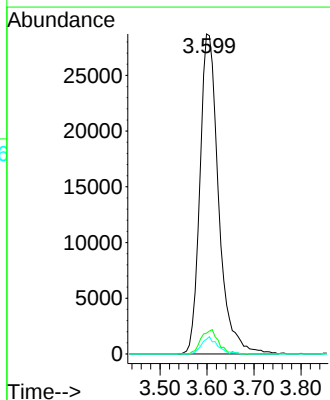
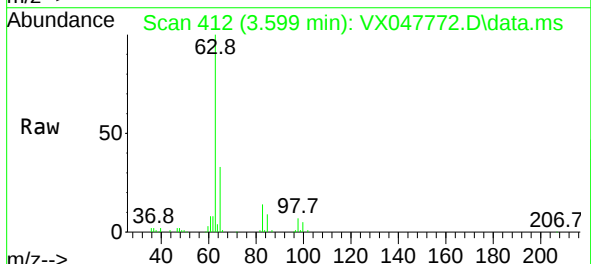
Manual Integrations
 APPROVED

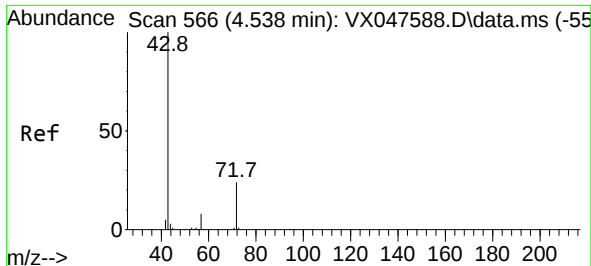
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 19.508 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047772.D
 Acq: 24 Sep 2025 13:59

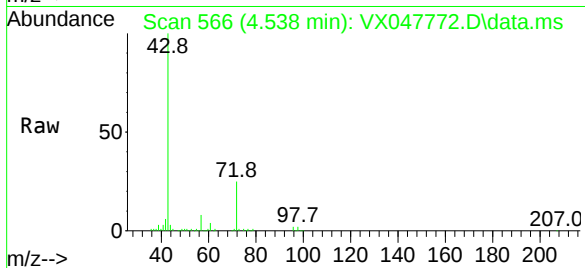
Tgt Ion: 63 Resp: 79300
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 4.6 2.3 6.9





#25
2-Butanone
Concen: 102.090 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

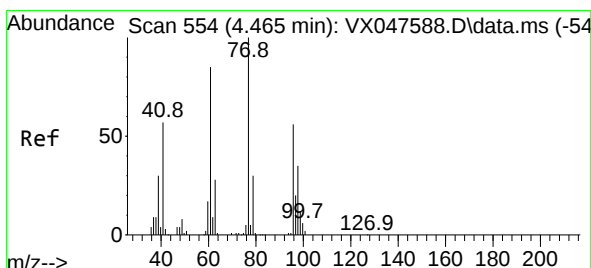
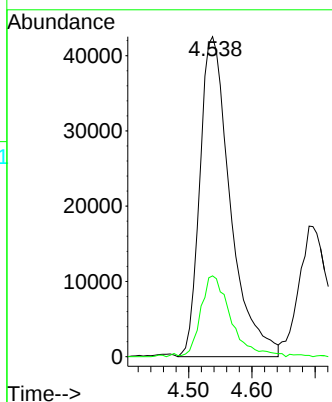
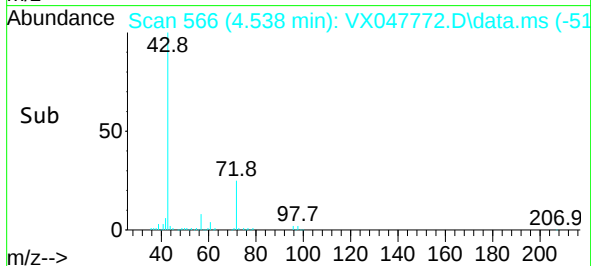
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



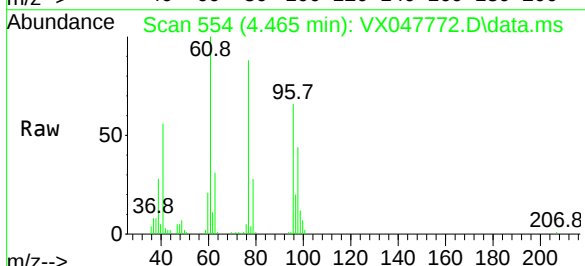
Tgt Ion: 43 Resp: 14186
Ion Ratio Lower Upper
43 100
72 24.9 20.1 30.1

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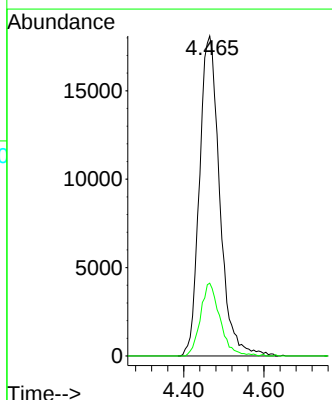
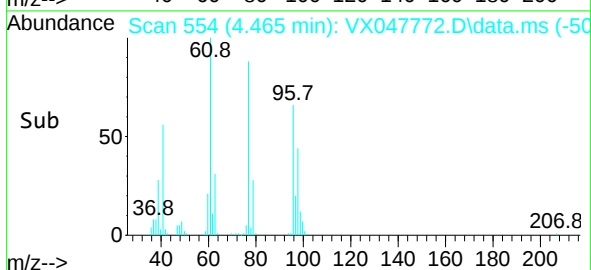
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

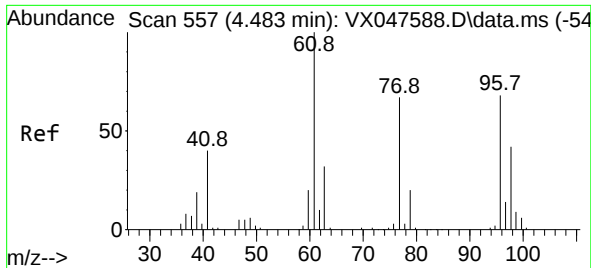


#26
2,2-Dichloropropane
Concen: 18.761 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



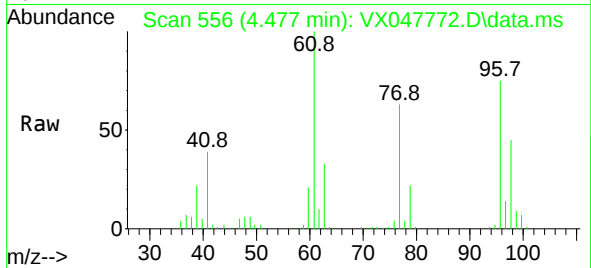
Tgt Ion: 77 Resp: 63397
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 20.004 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047772.D
 Acq: 24 Sep 2025 13:59

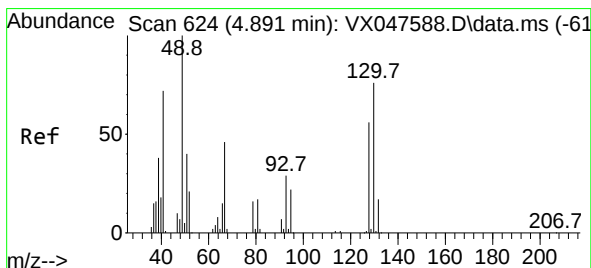
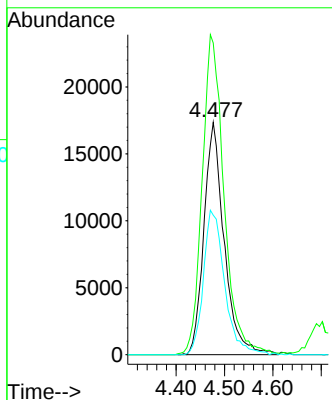
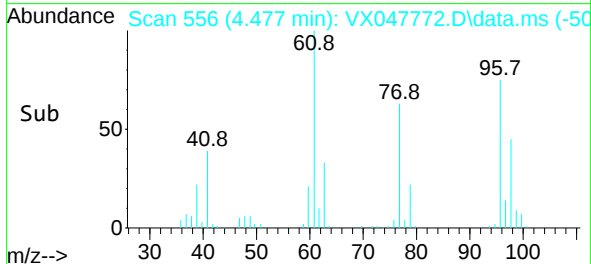
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01



Tgt Ion: 96 Resp: 5044
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 303.2
 98 65.3 0.0 127.8

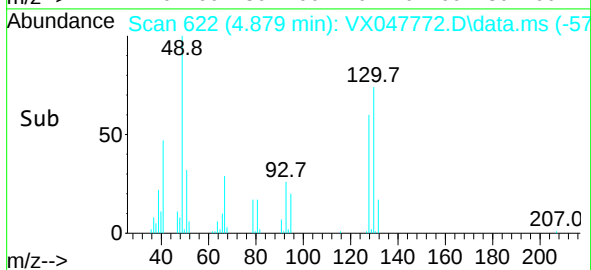
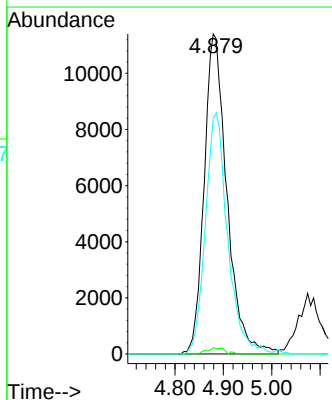
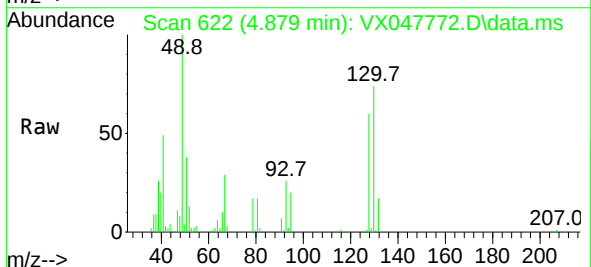
Manual Integrations
 APPROVED

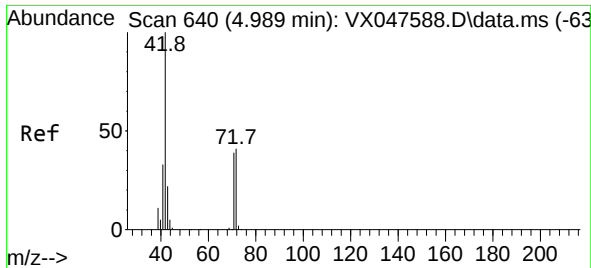
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 20.987 ug/l
 RT: 4.879 min Scan# 622
 Delta R.T. -0.012 min
 Lab File: VX047772.D
 Acq: 24 Sep 2025 13:59

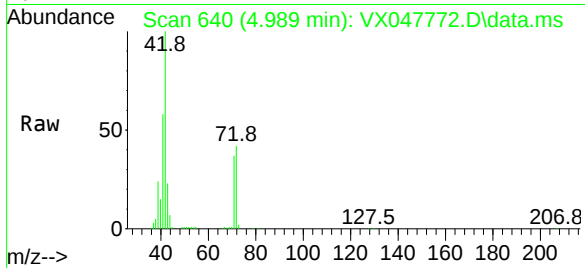
Tgt Ion: 49 Resp: 37245
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 73.7 57.8 86.8





#29
Tetrahydrofuran
Concen: 99.518 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

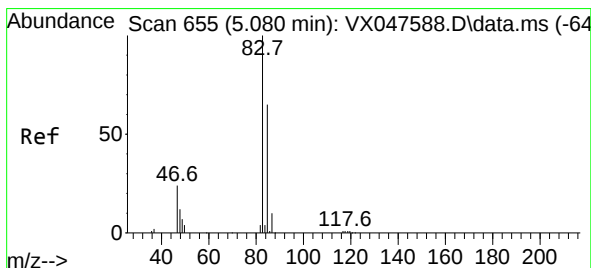
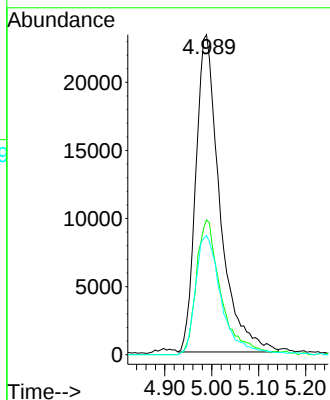
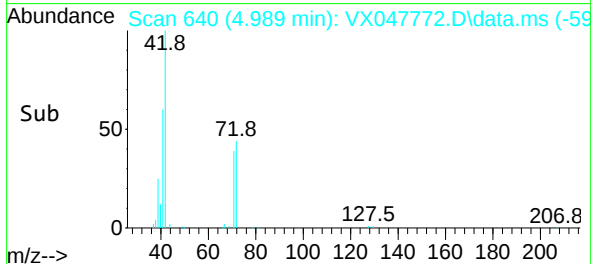
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 42 Resp: 83194
Ion Ratio Lower Upper
42 100
72 43.6 34.2 51.2
71 40.3 31.9 47.9

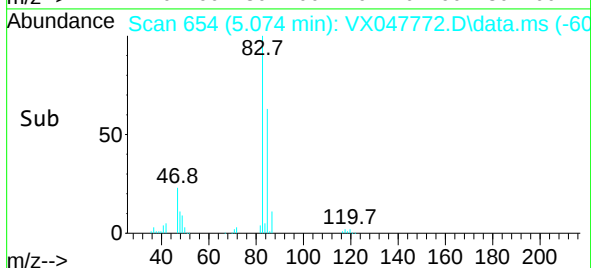
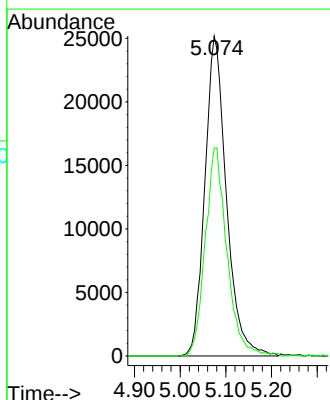
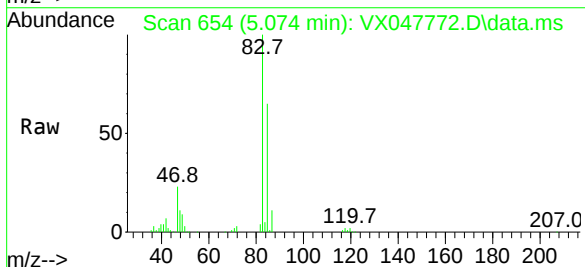
Manual Integrations
APPROVED

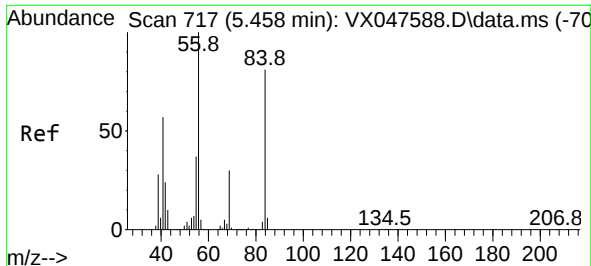
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#30
Chloroform
Concen: 20.050 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

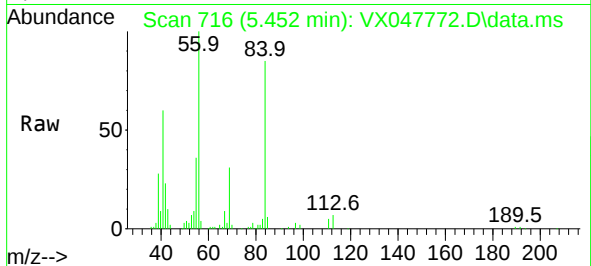
Tgt Ion: 83 Resp: 82364
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.6





#31
Cyclohexane
Concen: 18.919 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

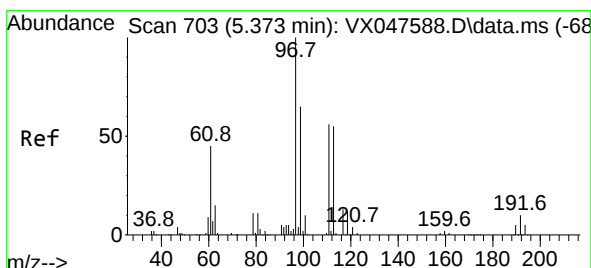
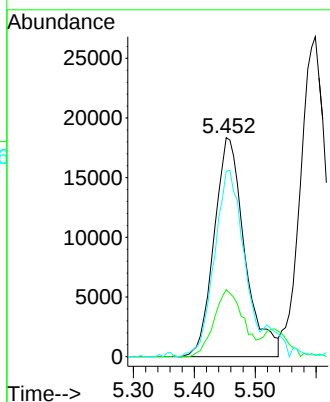
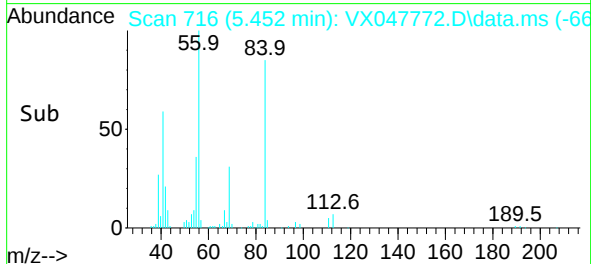
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 56 Resp: 64054
Ion Ratio Lower Upper
56 100
69 30.6 23.8 35.8
84 84.7 64.6 97.0

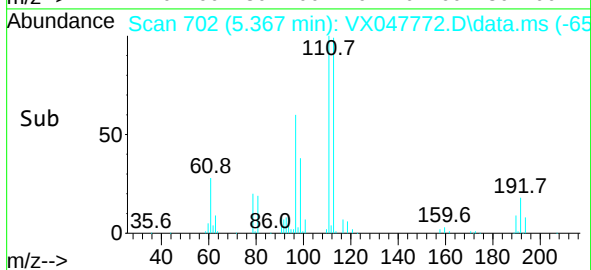
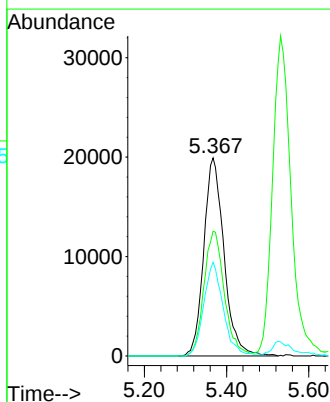
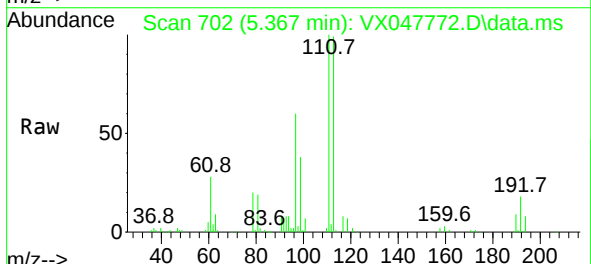
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 19.567 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Tgt Ion: 97 Resp: 68180
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 45.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 52.955 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion: 65 Resp: 135679

Ion Ratio Lower Upper

65 100

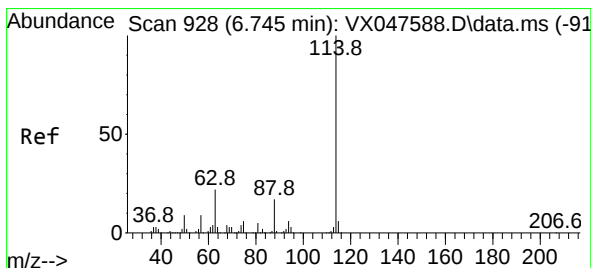
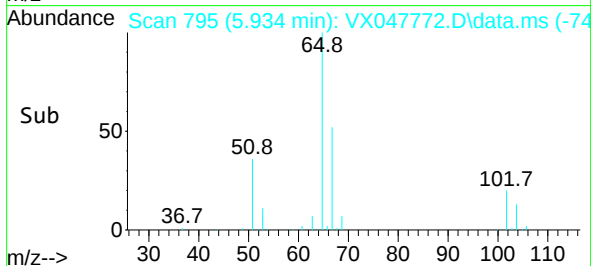
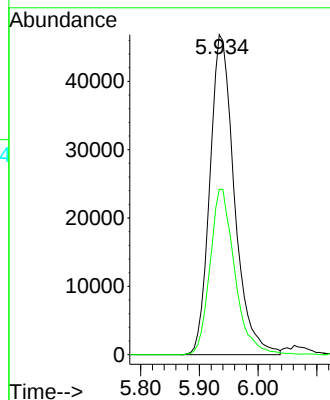
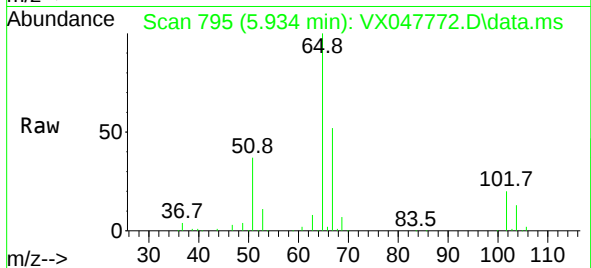
67 52.3 0.0 103.0

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: VX047772.D

Acq: 24 Sep 2025 13:59

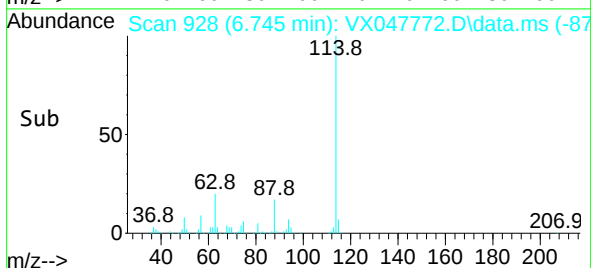
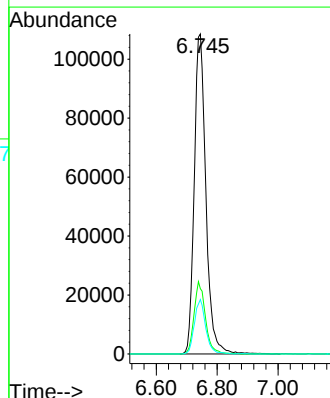
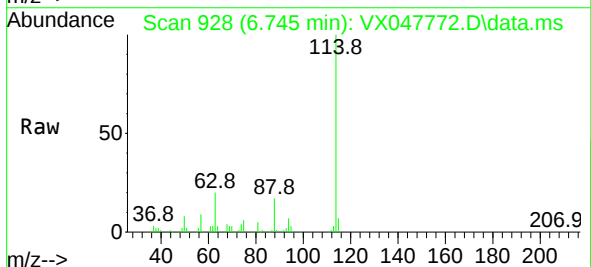
Tgt Ion:114 Resp: 287921

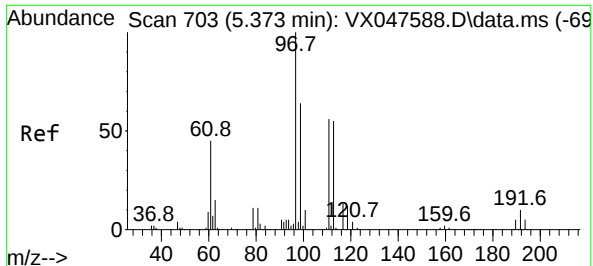
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.0

88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 55.420 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

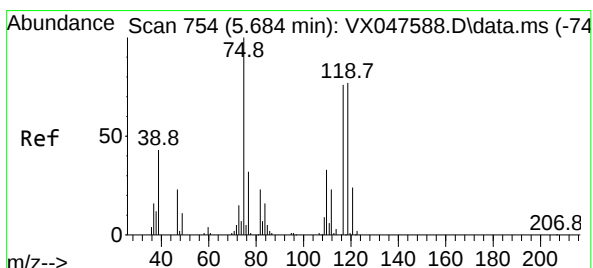
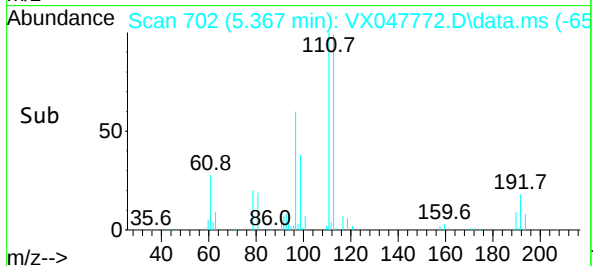
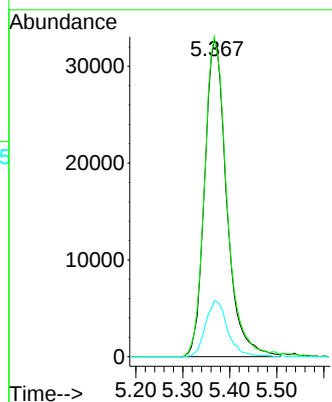
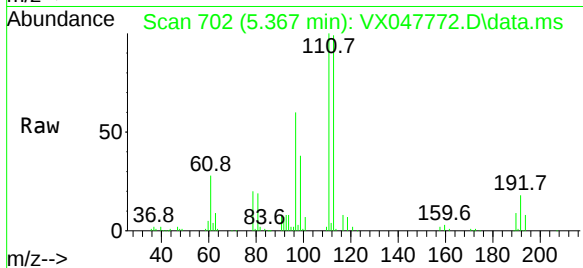
Tgt Ion:	113	Resp:	107014
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	17.7	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#36

1,1-Dichloropropene

Concen: 18.651 ug/l

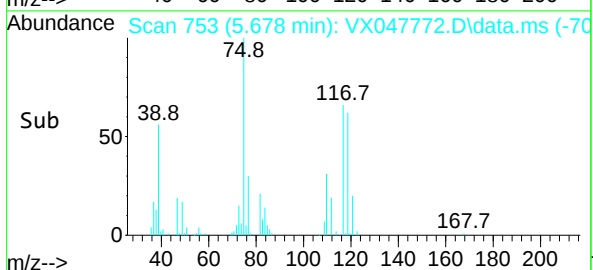
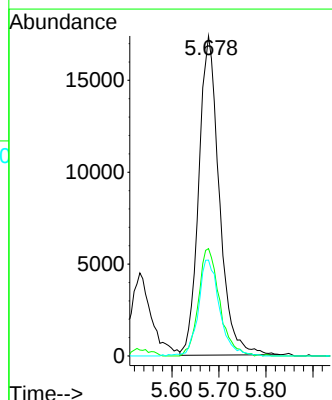
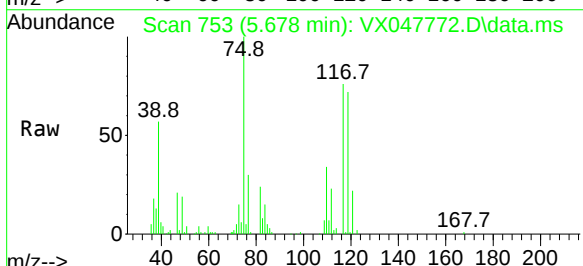
RT: 5.678 min Scan# 753

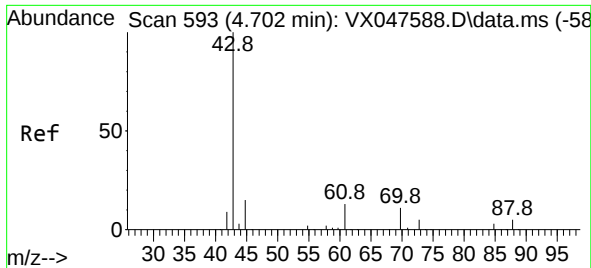
Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Tgt Ion:	75	Resp:	52624
Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.7	50.1
77	31.2	24.3	36.5





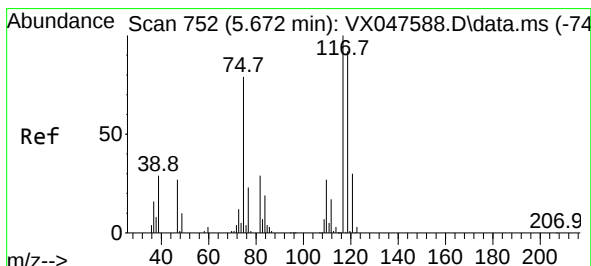
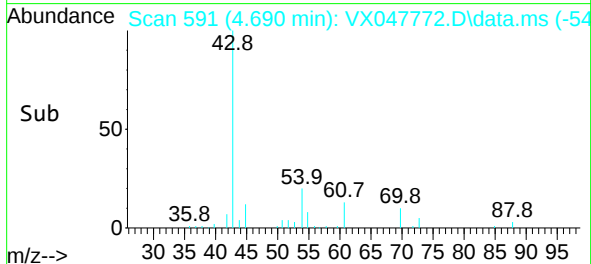
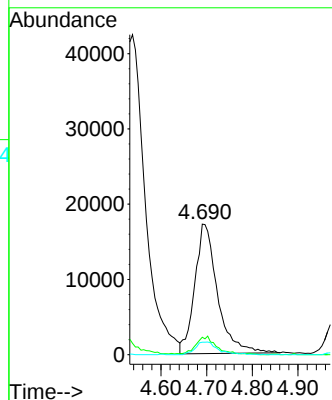
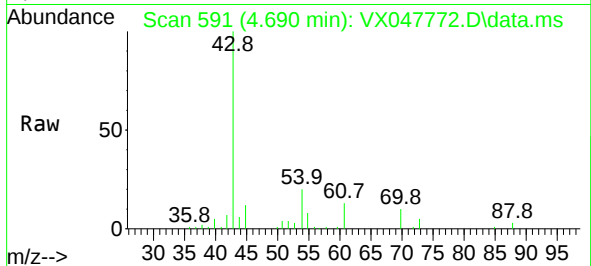
#37
Ethyl Acetate
Concen: 19.656 ug/l
RT: 4.690 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 43 Resp: 5938
Ion Ratio Lower Upper
43 100
61 10.9 9.8 14.8
70 9.8 7.9 11.9

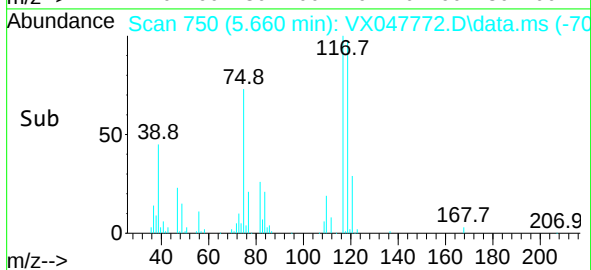
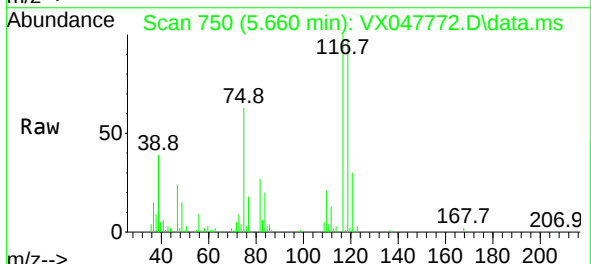
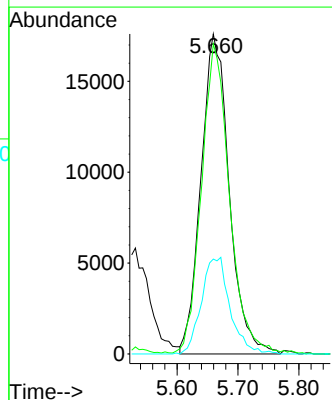
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 18.518 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Tgt Ion:117 Resp: 56770
Ion Ratio Lower Upper
117 100
119 96.2 73.4 110.2
121 29.7 23.8 35.6





#39

Methylcyclohexane

Concen: 18.369 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047772.D

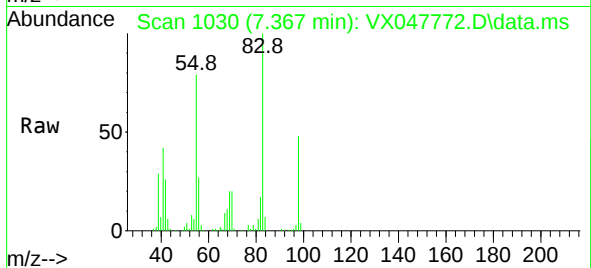
Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01



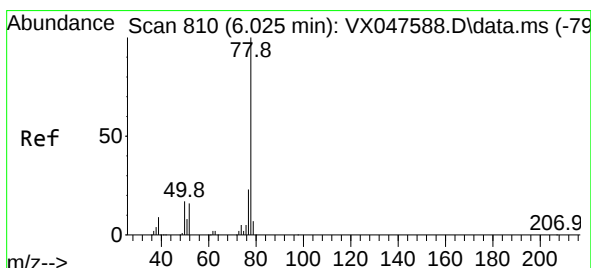
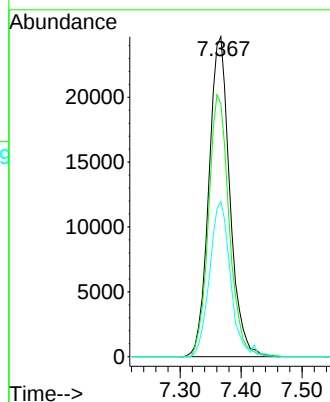
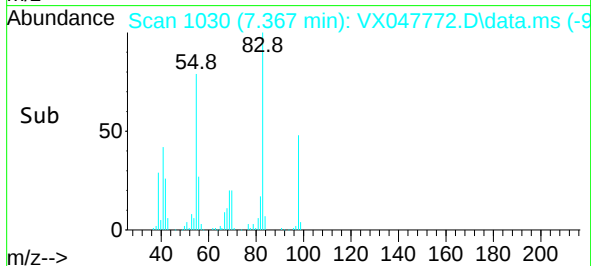
Tgt Ion:	83	Resp:	5883
Ion	Ratio	Lower	Upper
83	100		
55	79.0	66.4	99.6
98	48.5	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 19.980 ug/l

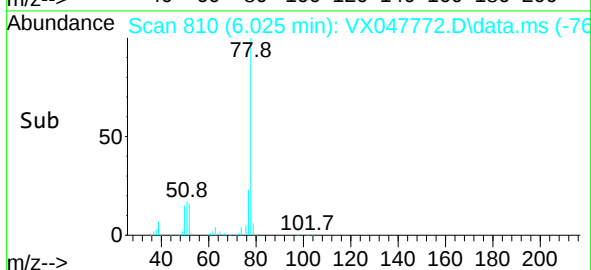
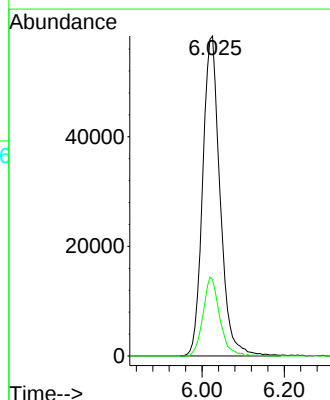
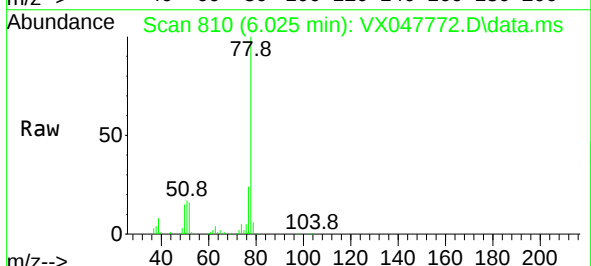
RT: 6.025 min Scan# 810

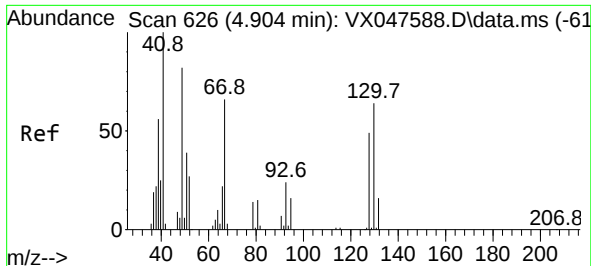
Delta R.T. -0.000 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

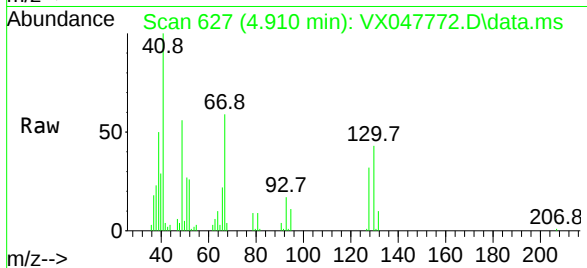
Tgt Ion:	78	Resp:	171230
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41
Methacrylonitrile
Concen: 19.781 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

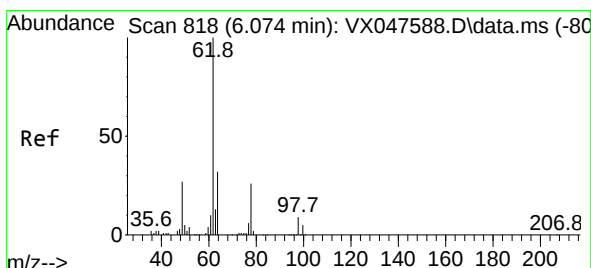
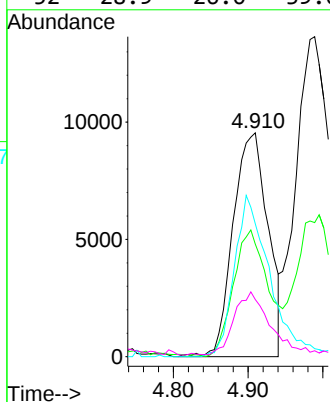
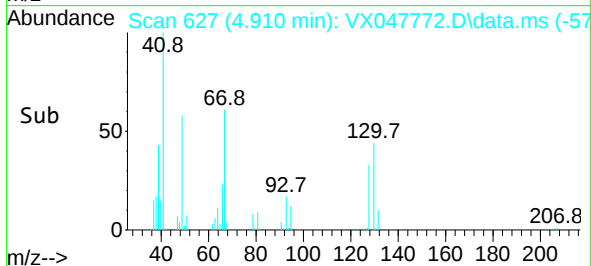
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 41 Resp: 3085
Ion Ratio Lower Upper
41 100
39 57.3 43.3 64.9
67 74.5 58.6 87.8
52 28.9 26.0 39.0

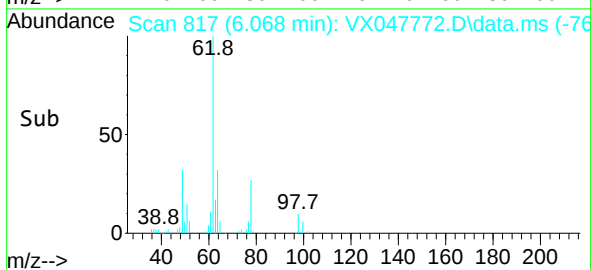
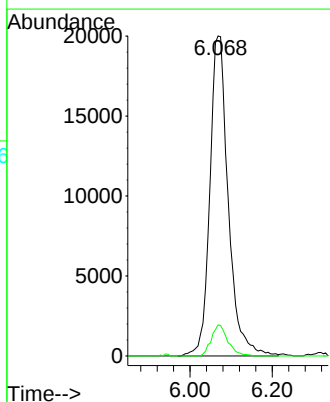
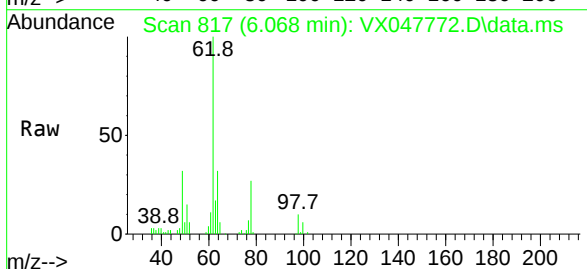
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 19.081 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Tgt Ion: 62 Resp: 62217
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.0





#43

Isopropyl Acetate

Concen: 19.553 ug/l

RT: 6.318 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

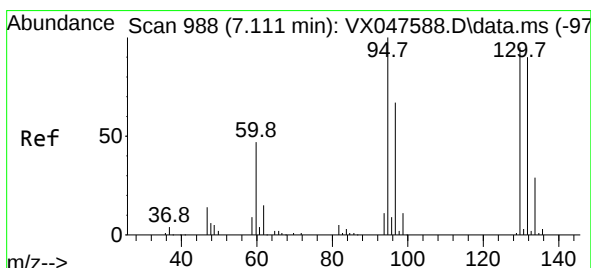
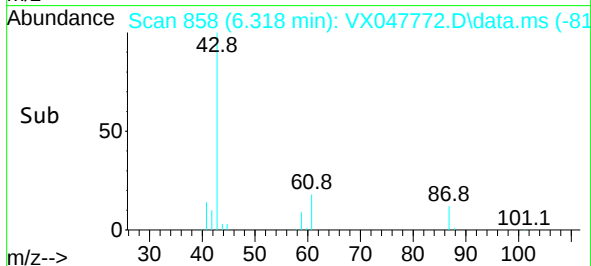
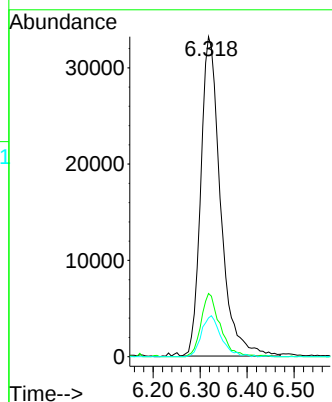
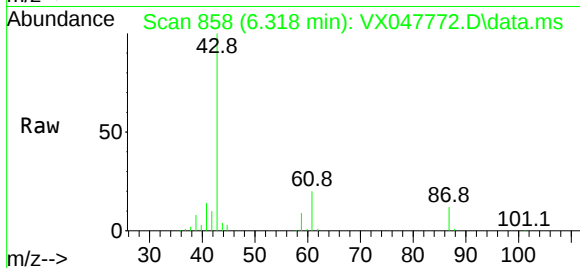
Tgt Ion:	43	Resp:	96880
Ion Ratio	Lower	Upper	
43	100		
61	19.0	15.2	22.8
87	12.8	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#44

Trichloroethene

Concen: 19.790 ug/l

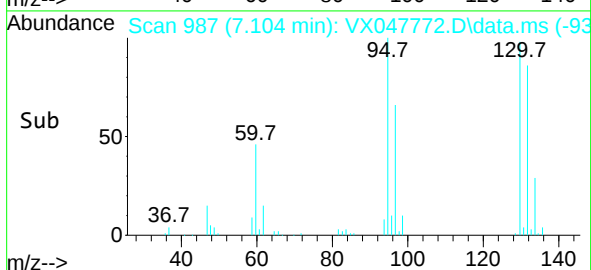
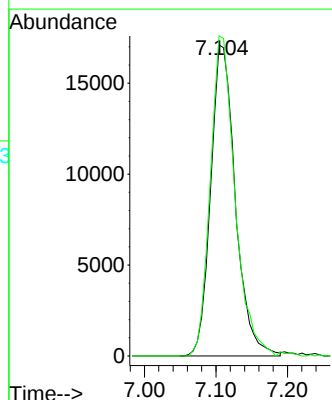
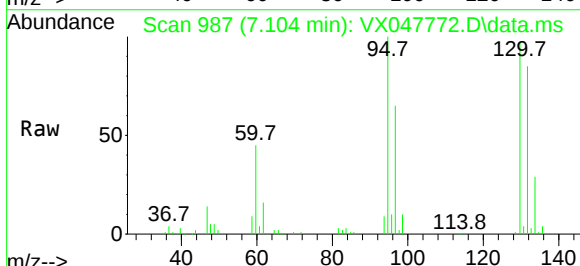
RT: 7.104 min Scan# 987

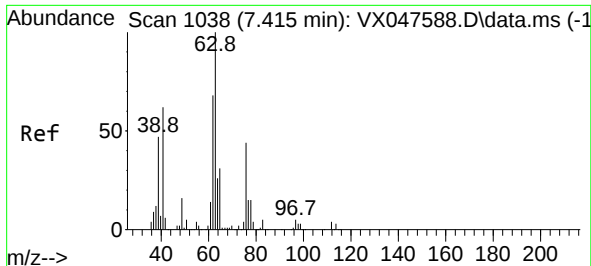
Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Tgt Ion:	130	Resp:	41002
Ion Ratio	Lower	Upper	
130	100		
95	102.9	0.0	210.8





#45

1,2-Dichloropropane

Concen: 19.919 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion: 63 Resp: 43710

Ion Ratio Lower Upper

63 100

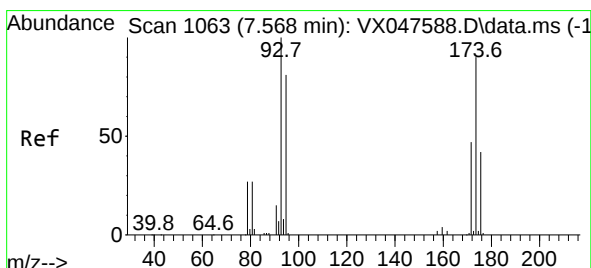
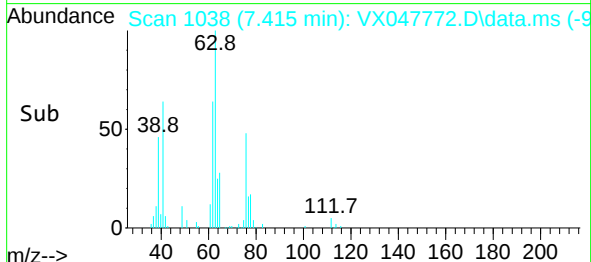
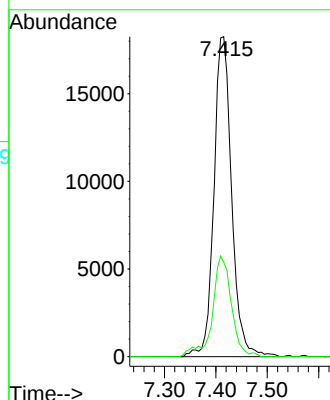
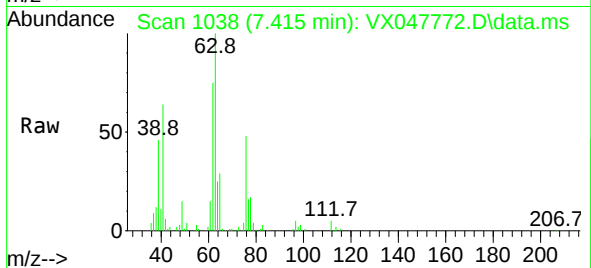
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 19.654 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

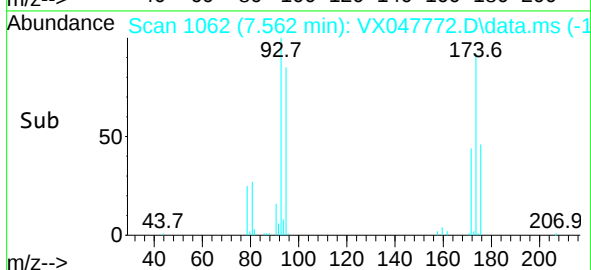
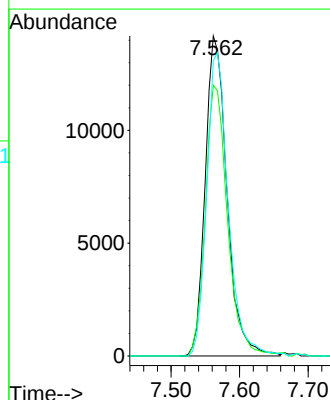
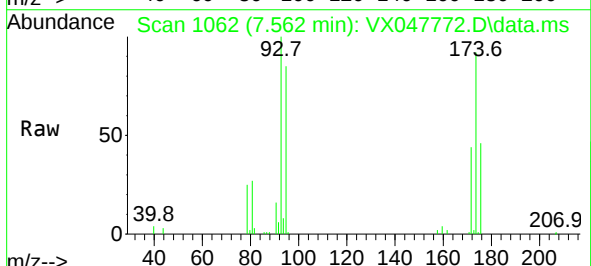
Tgt Ion: 93 Resp: 31385

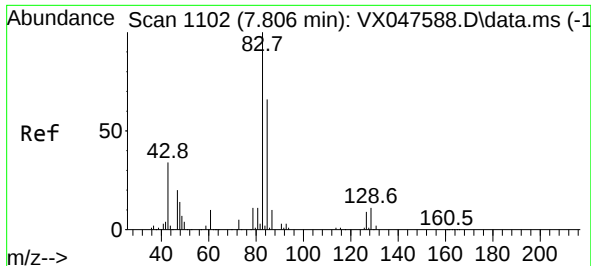
Ion Ratio Lower Upper

93 100

95 86.3 65.0 97.6

174 93.9 71.6 107.4





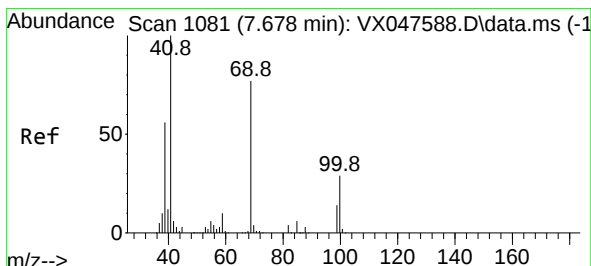
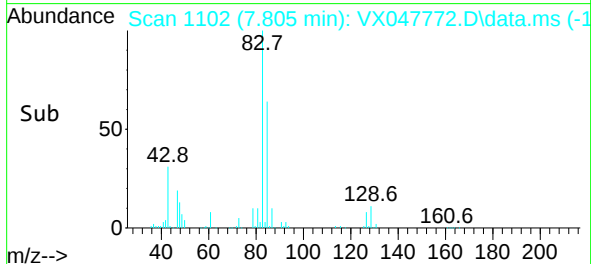
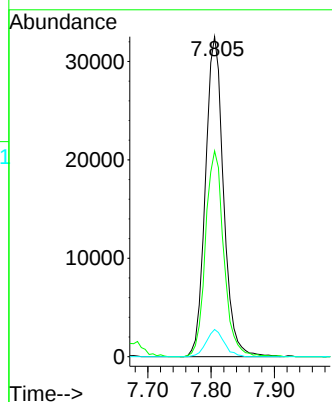
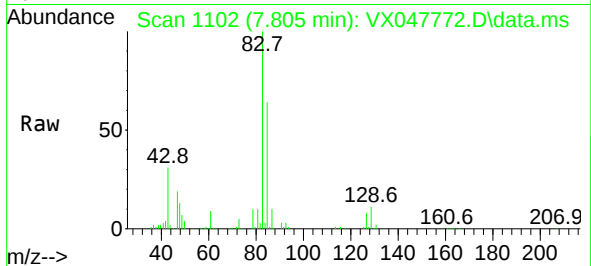
#47
Bromodichloromethane
Concen: 19.641 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 83 Resp: 6472
Ion Ratio Lower Upper
83 100
85 64.3 52.5 78.7
127 8.5 6.9 10.3

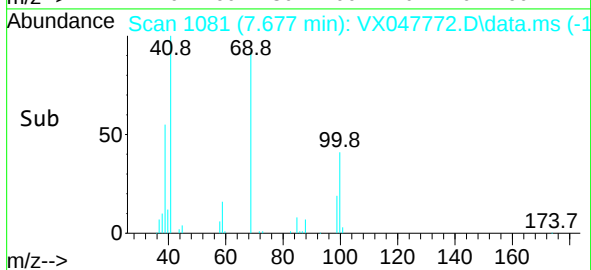
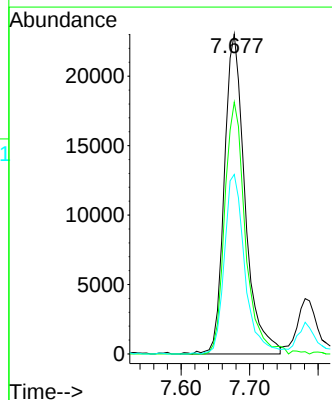
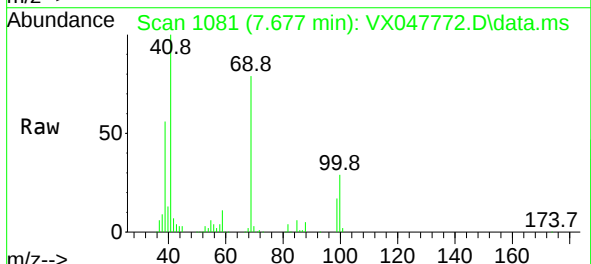
Manual Integrations
APPROVED

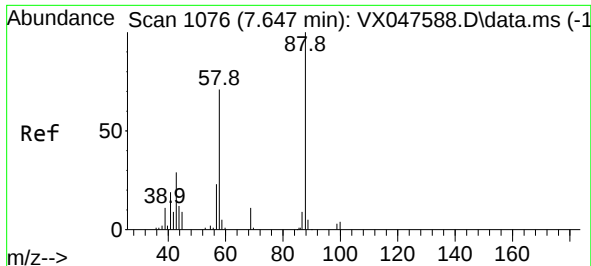
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#48
Methyl methacrylate
Concen: 19.530 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

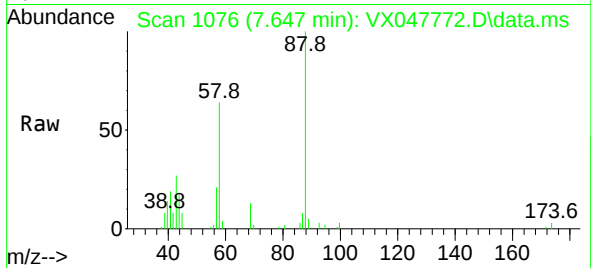
Tgt Ion: 41 Resp: 48200
Ion Ratio Lower Upper
41 100
69 78.1 61.4 92.2
39 55.4 45.8 68.6





#49
1,4-Dioxane
Concen: 470.527 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

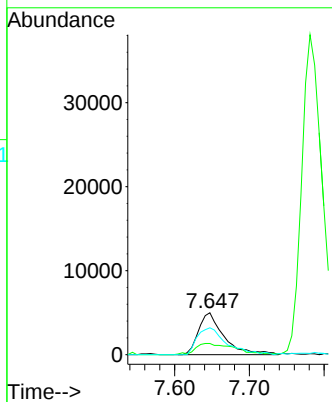
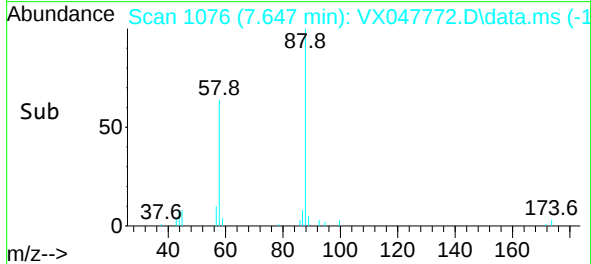
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 88 Resp: 11730
Ion Ratio Lower Upper
88 100
43 42.4 30.2 45.2
58 74.2 59.5 89.3

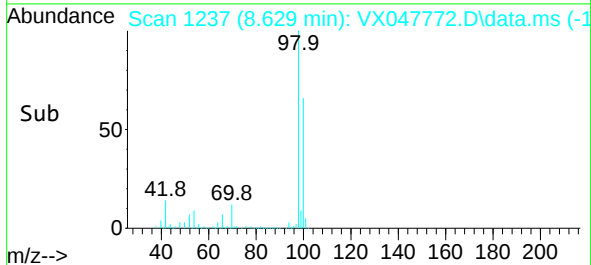
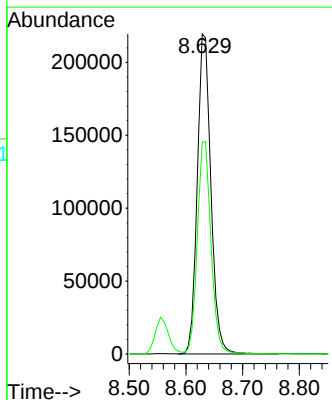
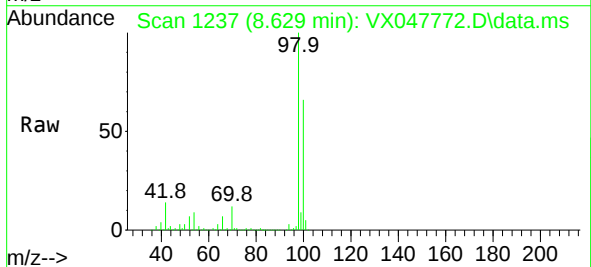
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 54.748 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

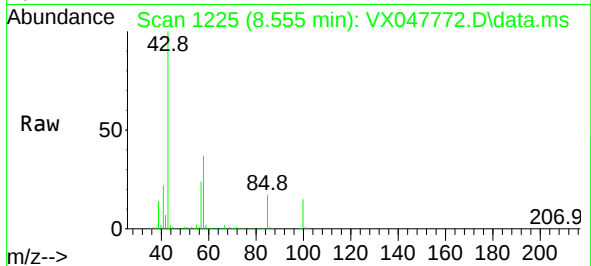
Tgt Ion: 98 Resp: 365795
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 105.270 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

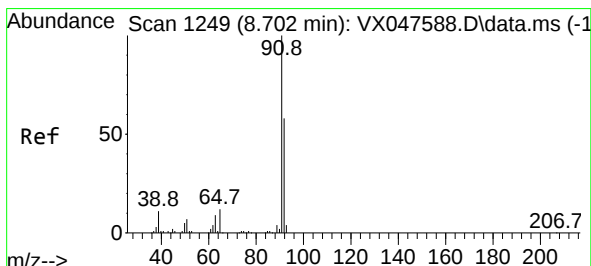
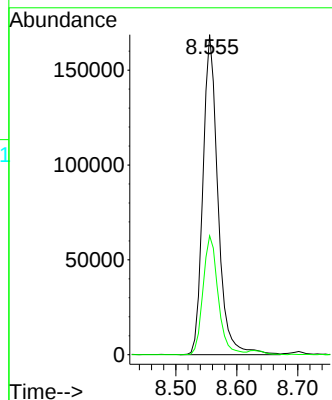
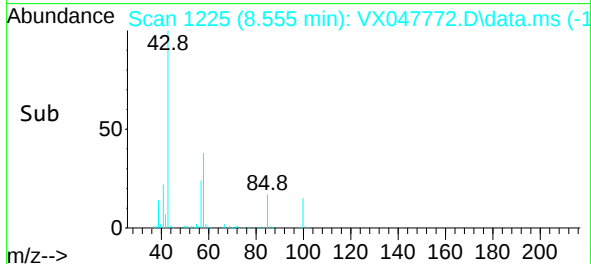
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 43 Resp: 28919
Ion Ratio Lower Upper
43 100
58 37.3 30.3 45.5

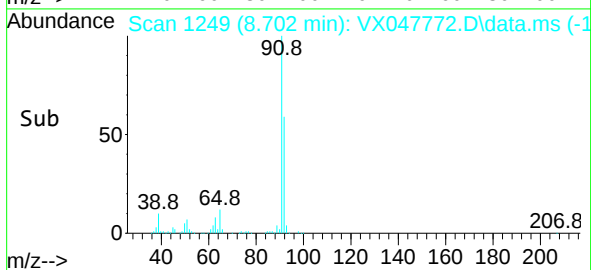
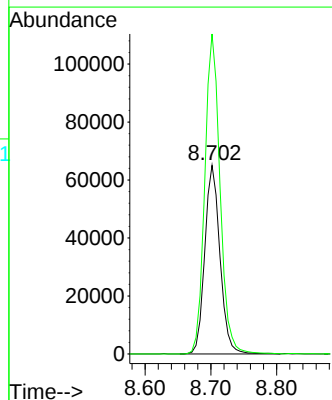
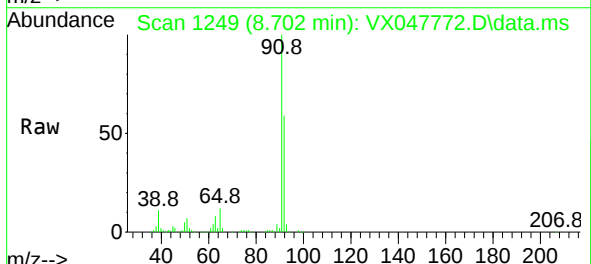
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 19.804 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Tgt Ion: 92 Resp: 104564
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





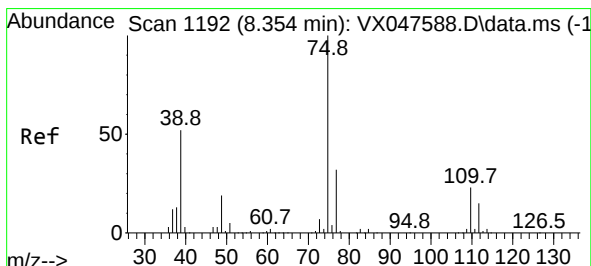
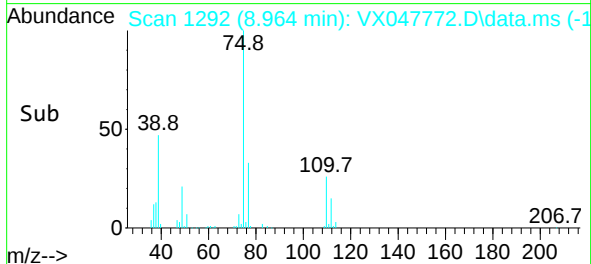
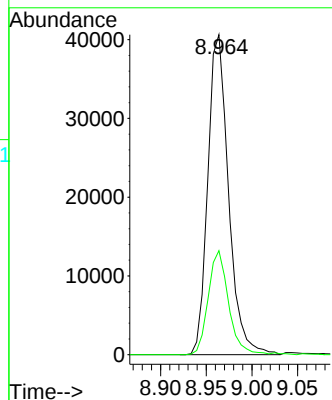
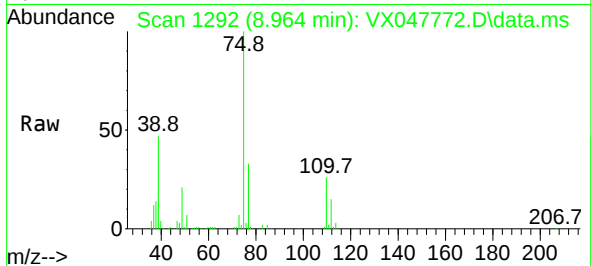
#53
t-1,3-Dichloropropene
Concen: 19.030 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 75 Resp: 63962
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

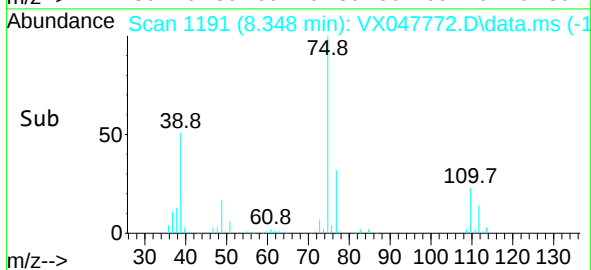
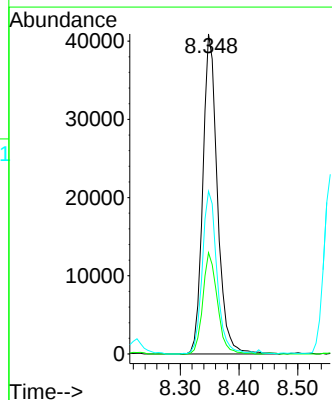
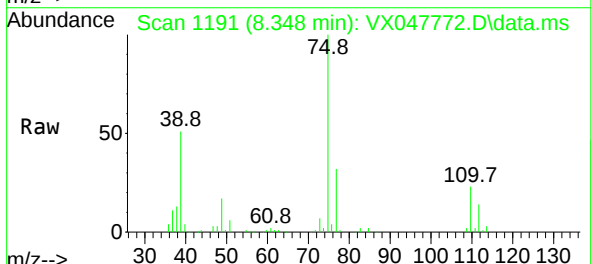
Manual Integrations
APPROVED

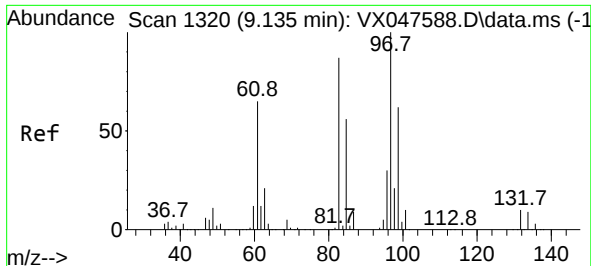
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#54
cis-1,3-Dichloropropene
Concen: 19.669 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

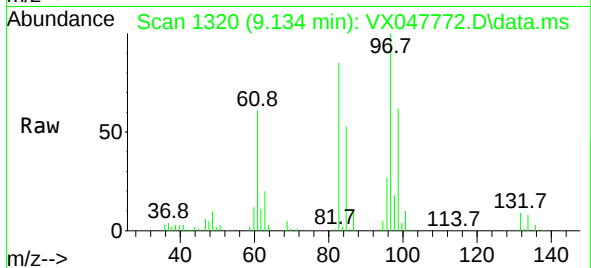
Tgt Ion: 75 Resp: 70664
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 49.7 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 20.766 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

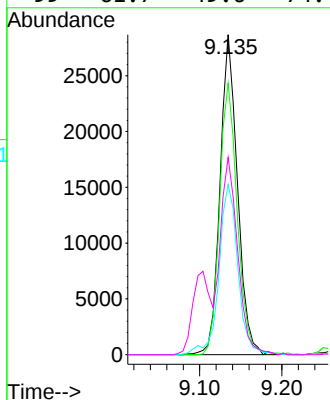
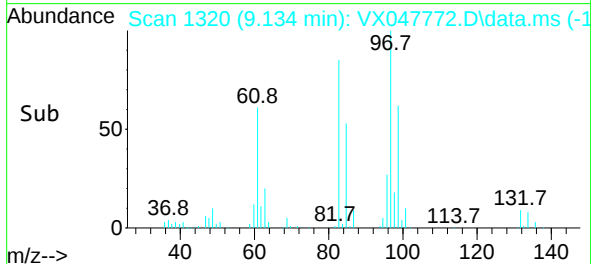
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



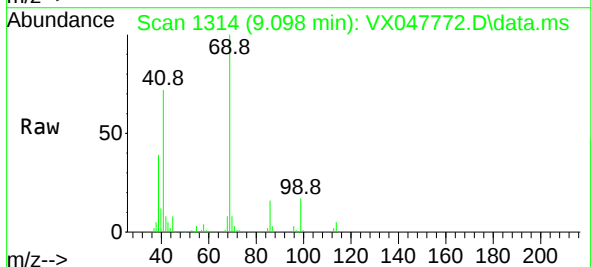
Tgt Ion:	97	Resp:	42278
Ion Ratio	Lower	Upper	
97	100		
83	84.9	69.6	104.4
85	53.3	45.0	67.6
99	61.7	49.6	74.4

Manual Integrations
APPROVED

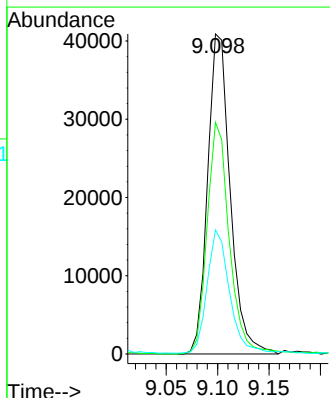
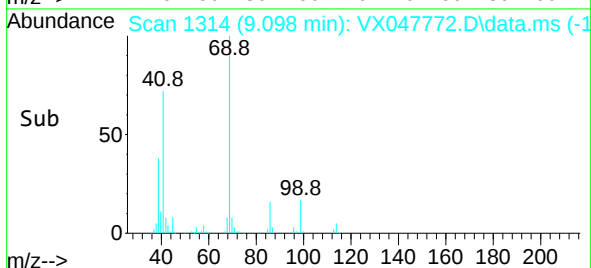
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

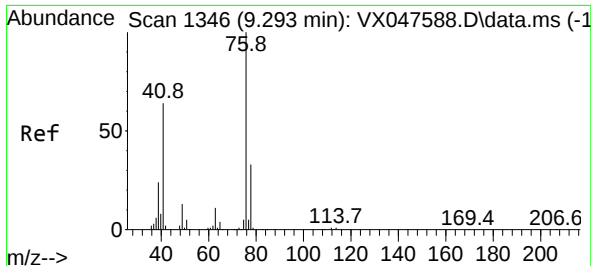


#56
Ethyl methacrylate
Concen: 19.540 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



Tgt Ion:	69	Resp:	62475
Ion Ratio	Lower	Upper	
69	100		
41	71.4	58.6	87.8
39	39.0	31.5	47.3





#57

1,3-Dichloropropane

Concen: 20.961 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tgt Ion: 76 Resp: 73300

Ion Ratio Lower Upper

76 100

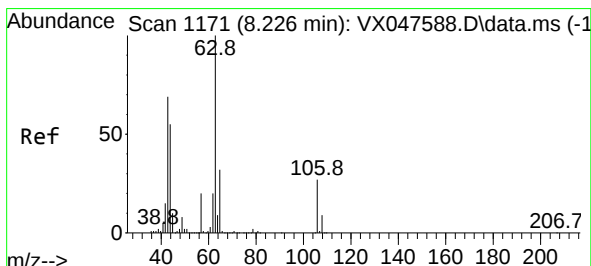
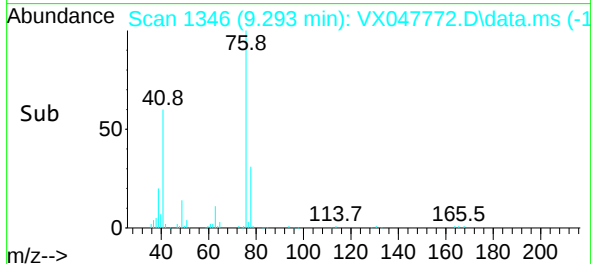
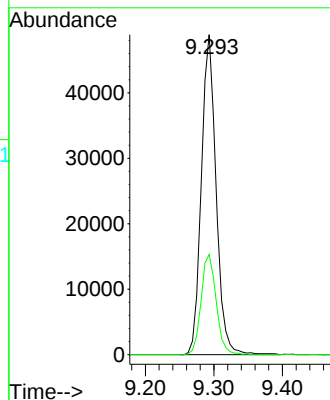
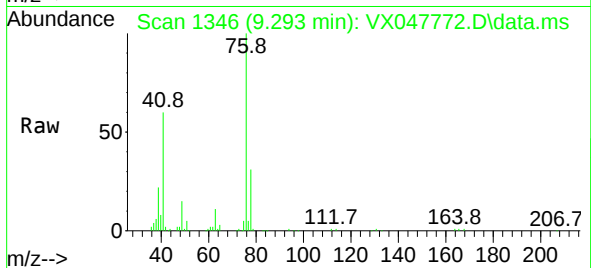
78 32.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 101.954 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047772.D

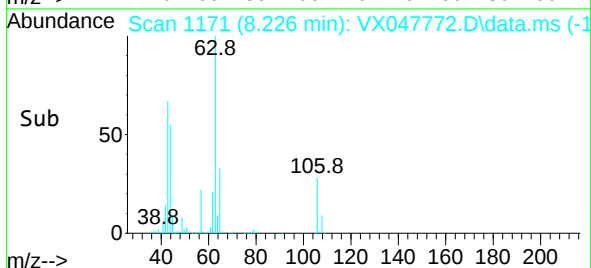
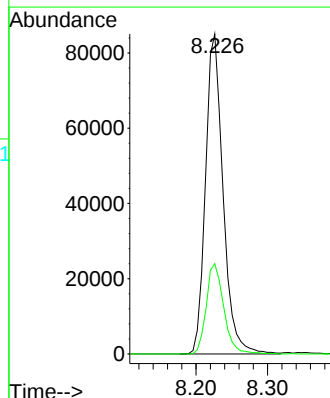
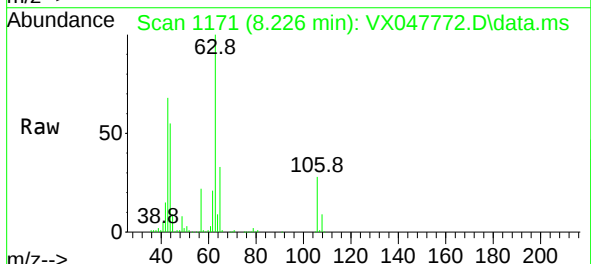
Acq: 24 Sep 2025 13:59

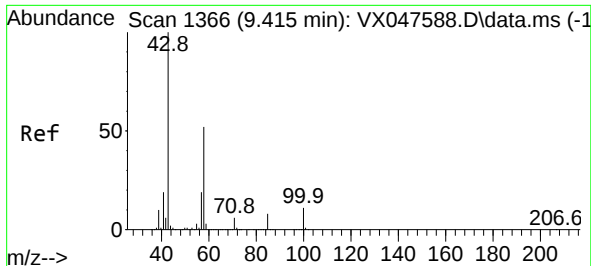
Tgt Ion: 63 Resp: 144993

Ion Ratio Lower Upper

63 100

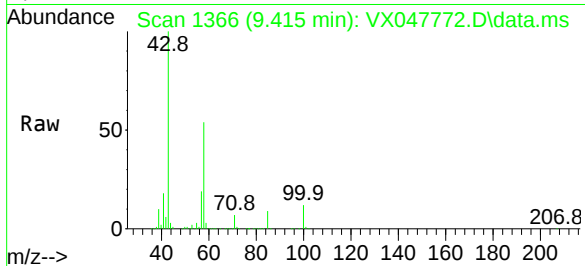
106 28.2 21.9 32.9





#59
2-Hexanone
Concen: 102.535 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

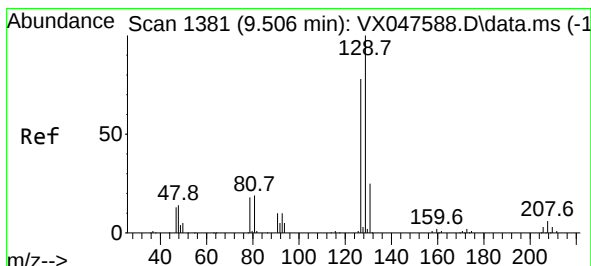
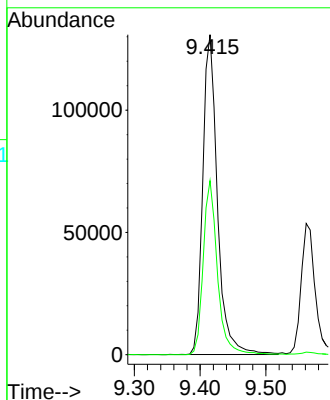
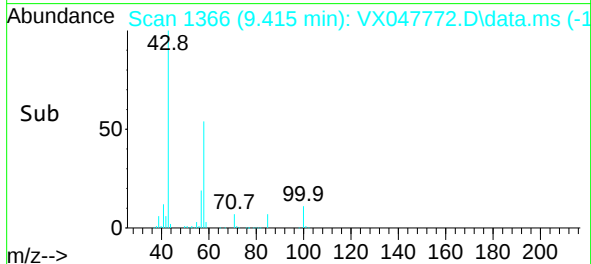
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 43 Resp: 202304
Ion Ratio Lower Upper
43 100
58 53.0 26.1 78.2

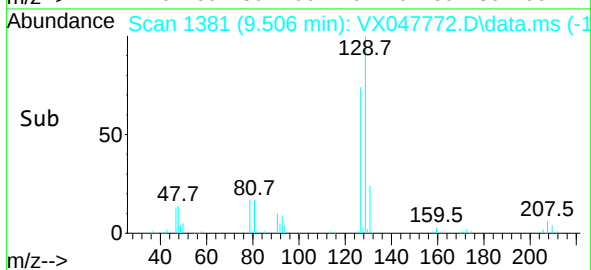
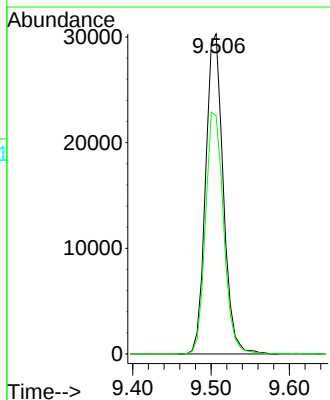
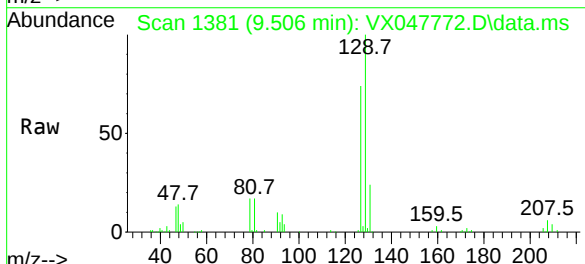
Manual Integrations
APPROVED

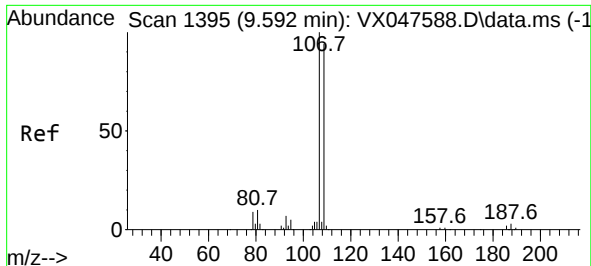
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 20.088 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

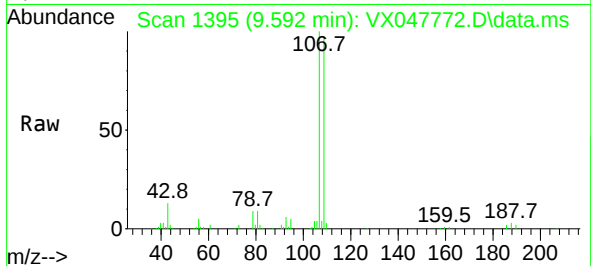
Tgt Ion:129 Resp: 47122
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61
1,2-Dibromoethane
Concen: 21.240 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

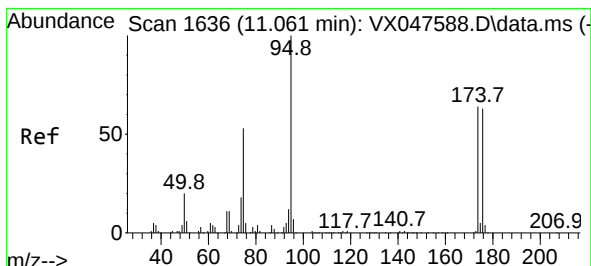
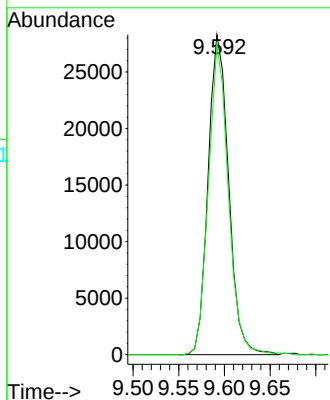
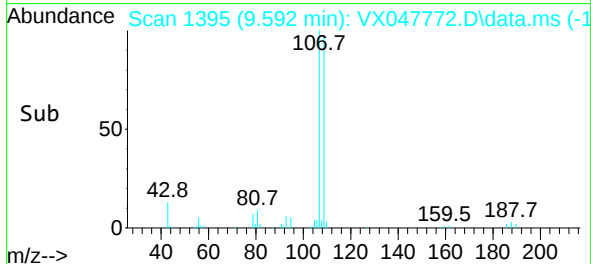
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 107 Resp: 4404
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

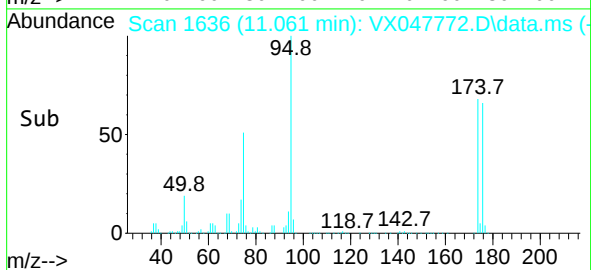
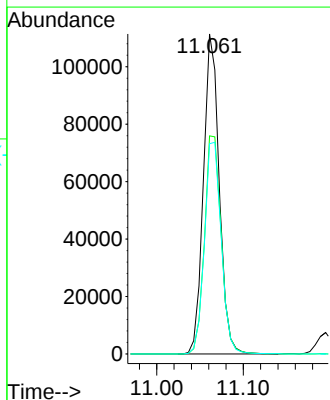
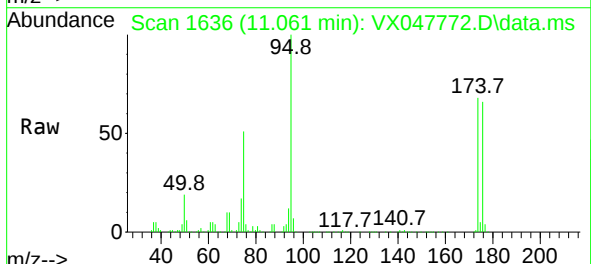
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 55.720 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

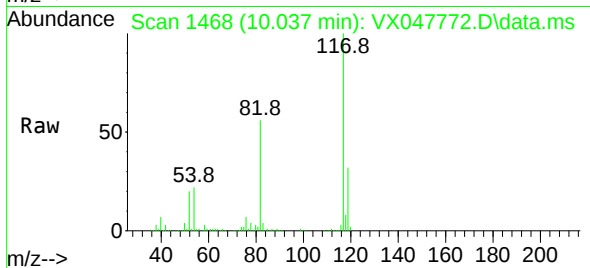
Tgt Ion: 95 Resp: 141293
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.4 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

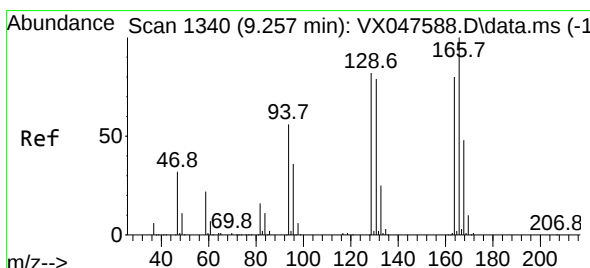
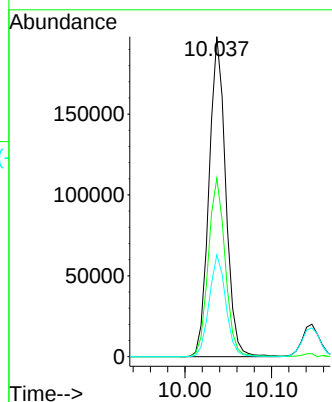
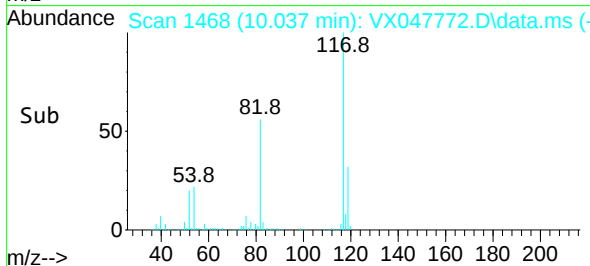
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion:117 Resp: 264714
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.6
119 31.8 25.2 37.8

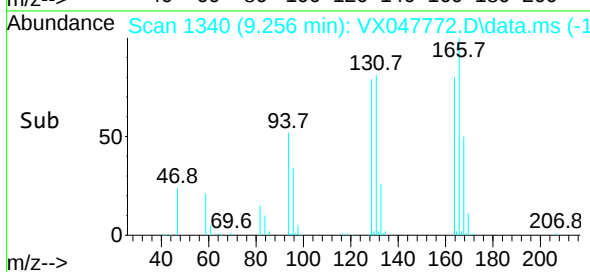
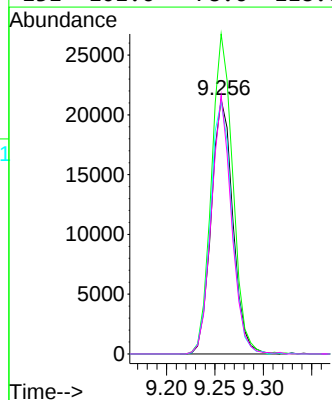
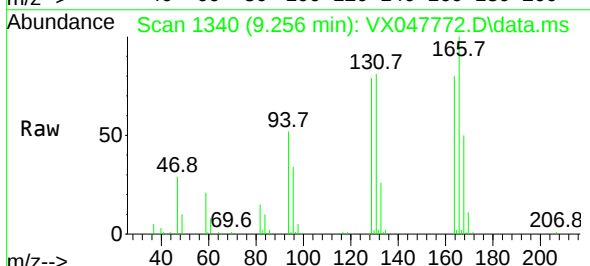
Manual Integrations
APPROVED

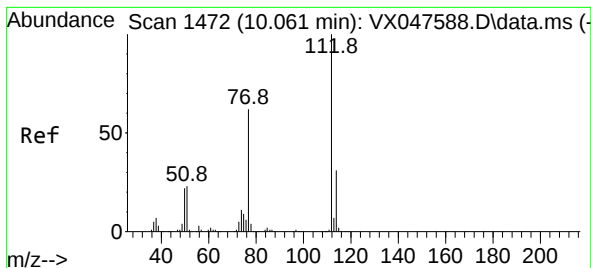
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#64
Tetrachloroethene
Concen: 19.110 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

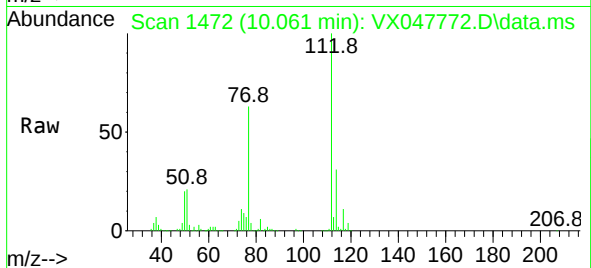
Tgt Ion:164 Resp: 32977
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.2
129 99.2 81.8 122.6
131 101.6 78.6 118.0





#65
Chlorobenzene
Concen: 19.626 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

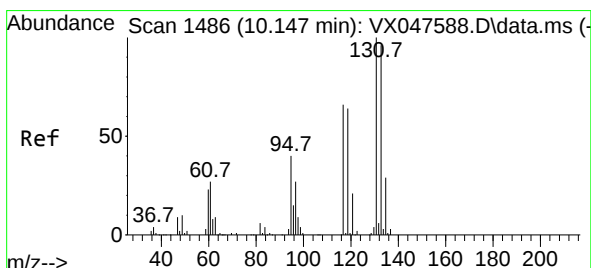
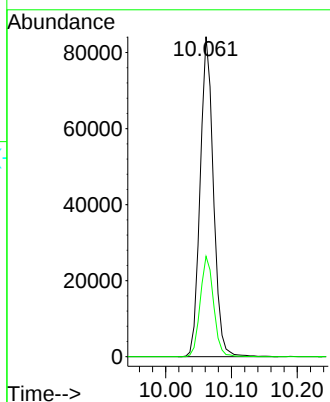
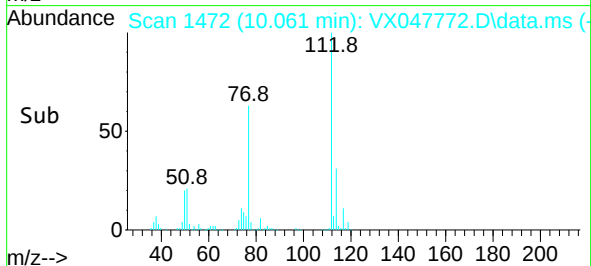
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion:112 Resp: 118020
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

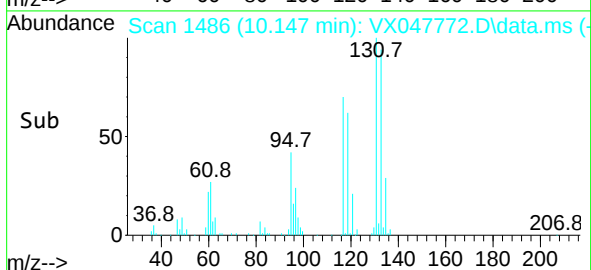
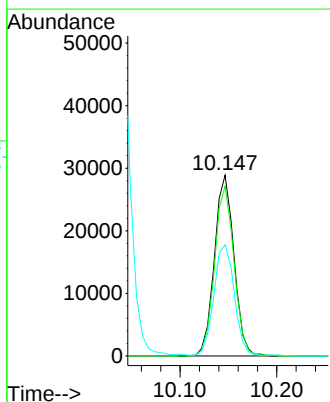
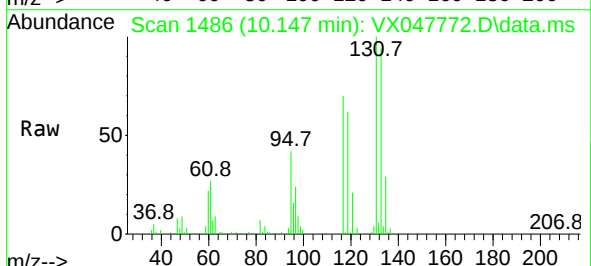
Manual Integrations
APPROVED

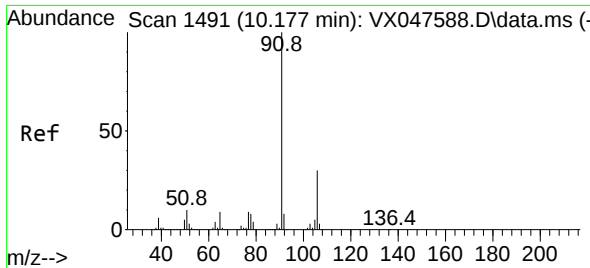
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.563 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

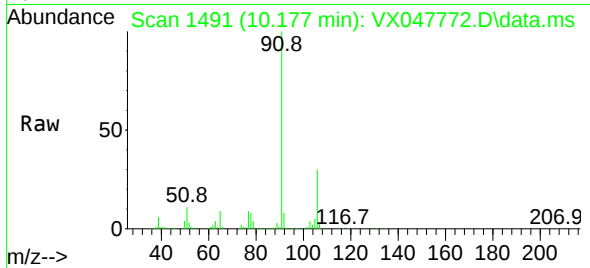
Tgt Ion:131 Resp: 40597
Ion Ratio Lower Upper
131 100
133 93.4 47.3 142.0
119 63.7 32.0 96.0





#67
Ethyl Benzene
Concen: 19.053 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

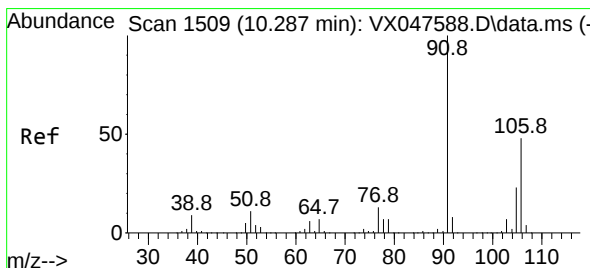
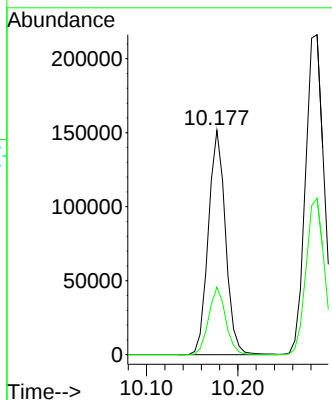
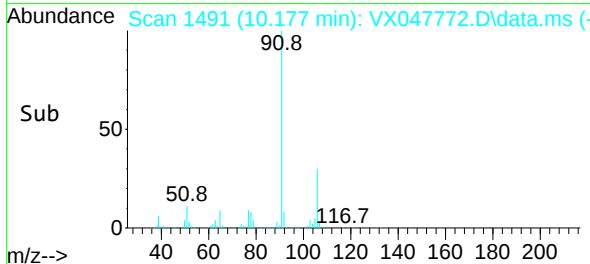
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



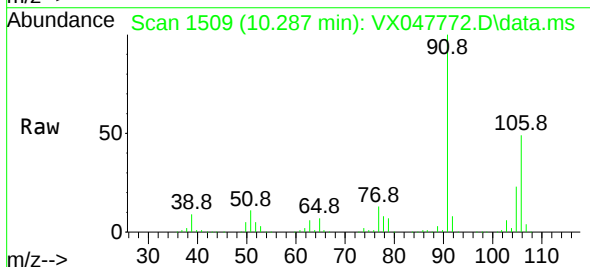
Tgt Ion: 91 Resp: 197704
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

Manual Integrations
APPROVED

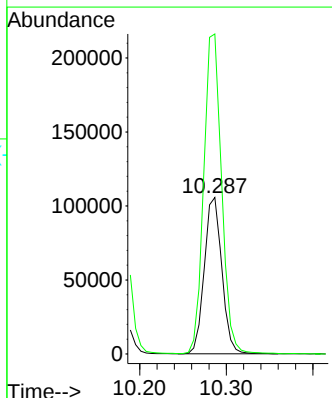
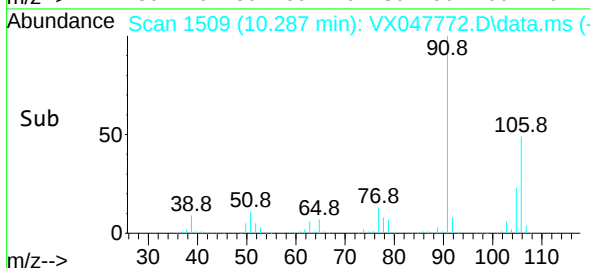
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

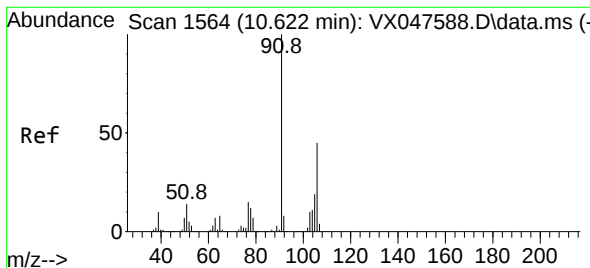


#68
m/p-Xylenes
Concen: 38.547 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



Tgt Ion:106 Resp: 148875
Ion Ratio Lower Upper
106 100
91 208.4 167.8 251.8





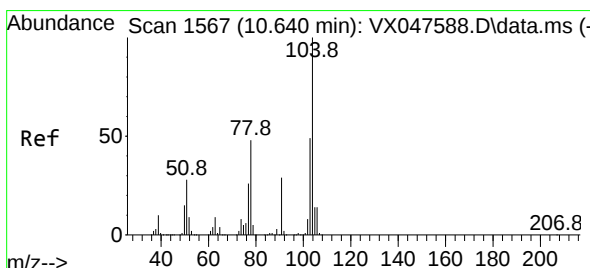
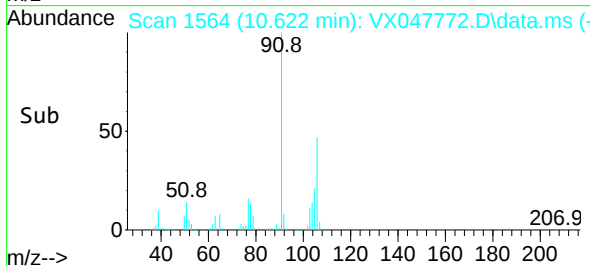
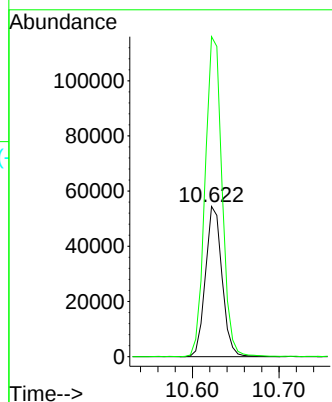
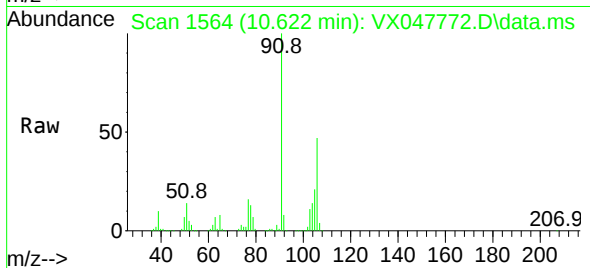
#69
o-Xylene
Concen: 19.361 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion:106 Resp: 72324
Ion Ratio Lower Upper
106 100
91 218.6 111.1 333.4

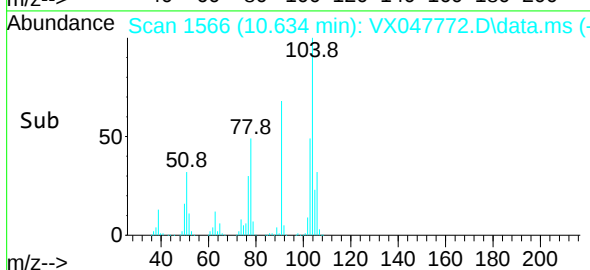
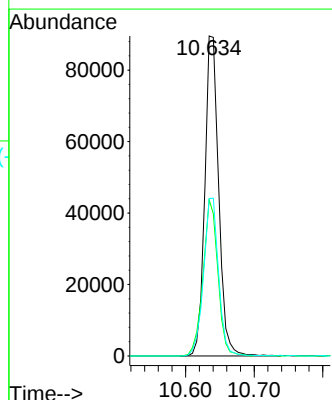
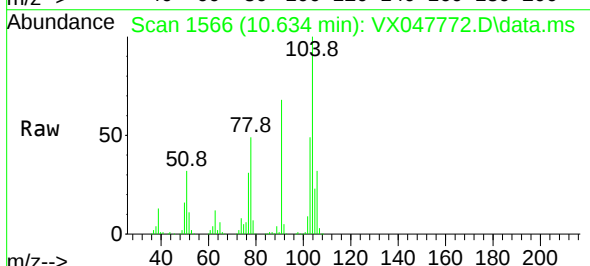
Manual Integrations
APPROVED

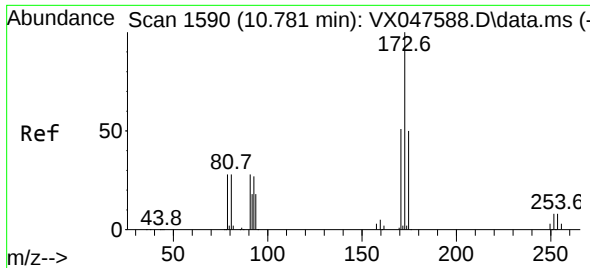
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 19.325 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

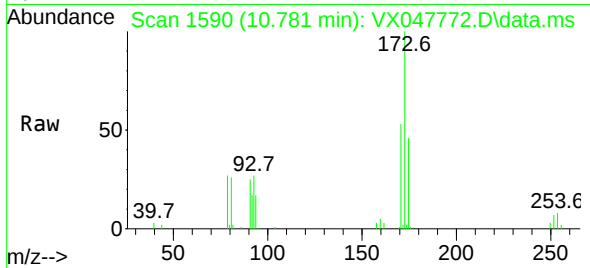
Tgt Ion:104 Resp: 126494
Ion Ratio Lower Upper
104 100
78 51.9 43.1 64.7
103 53.4 43.1 64.7





#71
Bromoform
Concen: 19.638 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

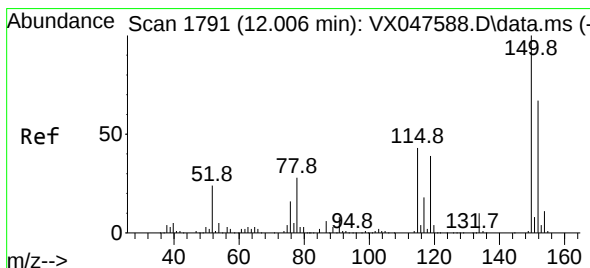
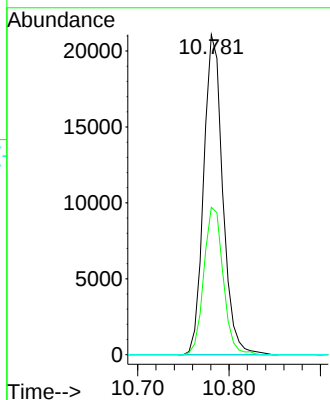
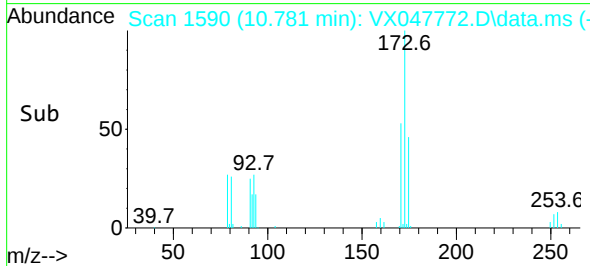
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion:173 Resp: 30430
Ion Ratio Lower Upper
173 100
175 46.6 24.9 74.6
254 0.0 0.1 0.1

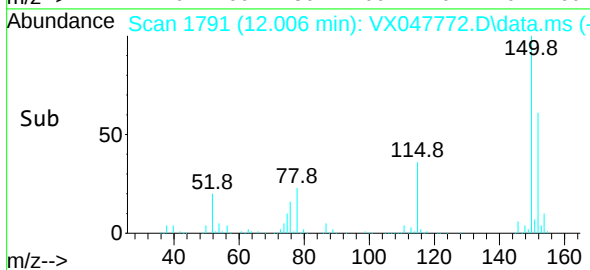
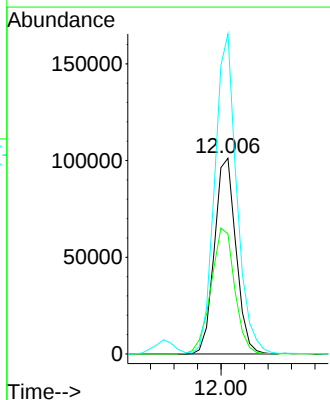
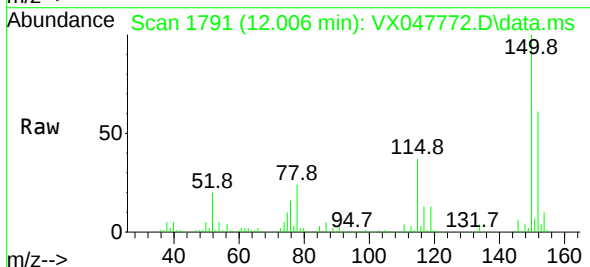
Manual Integrations
APPROVED

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: VX047772.D
Acq: 24 Sep 2025 13:59

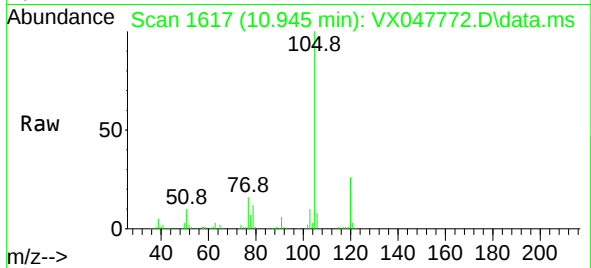
Tgt Ion:152 Resp: 129236
Ion Ratio Lower Upper
152 100
115 70.6 44.9 134.5
150 166.8 0.0 352.0





#73
Isopropylbenzene
Concen: 18.708 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

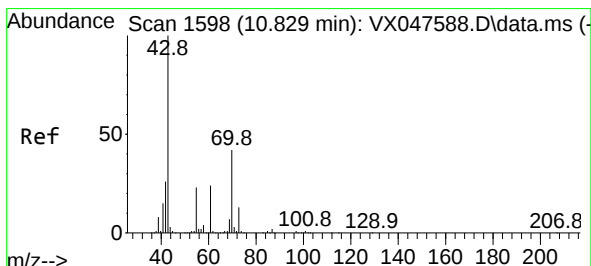
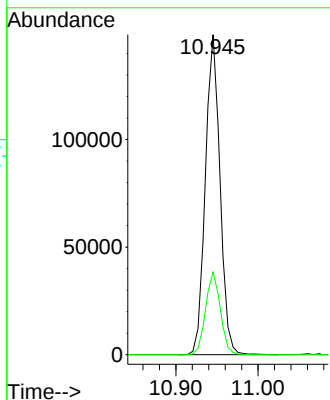
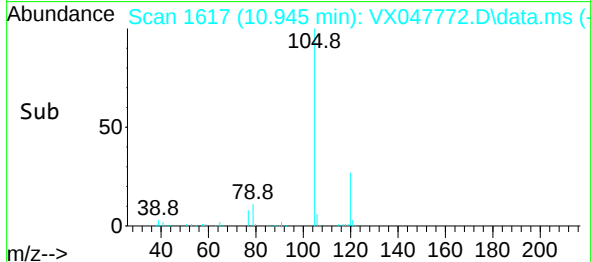
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion:105 Resp: 18381
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

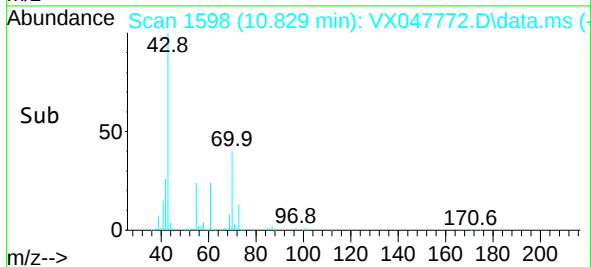
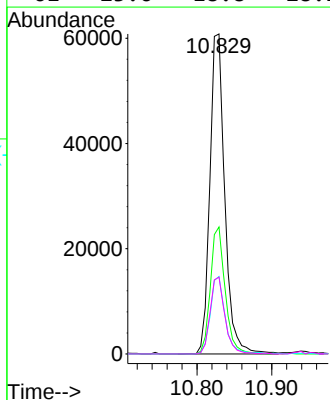
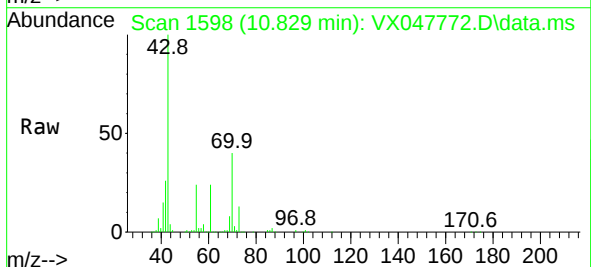
Manual Integrations
APPROVED

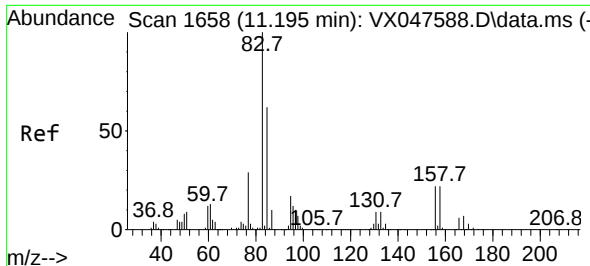
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 18.837 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

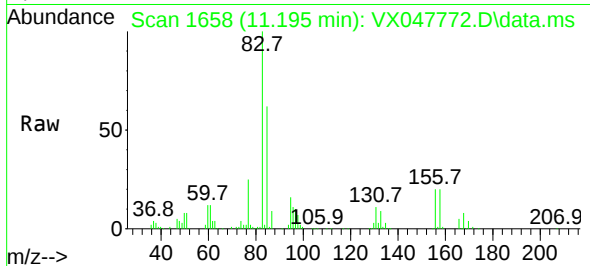
Tgt Ion: 43 Resp: 84398
Ion Ratio Lower Upper
43 100
70 39.3 32.0 48.0
55 24.1 18.9 28.3
61 23.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.230 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

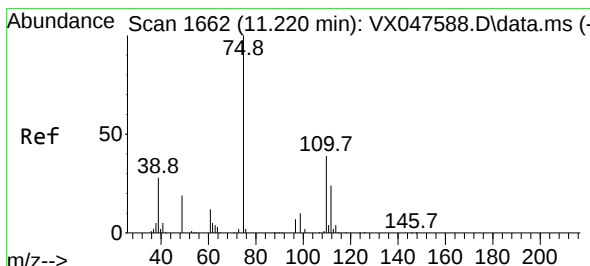
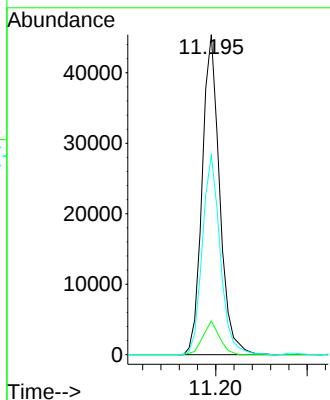
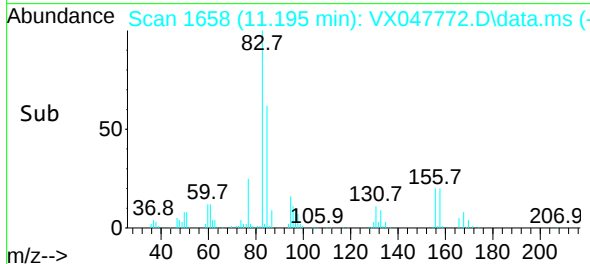
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 83 Resp: 60130
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.8 31.6 95.0

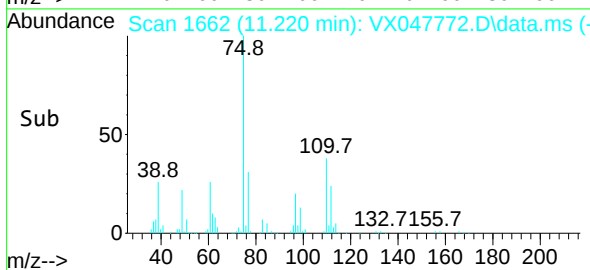
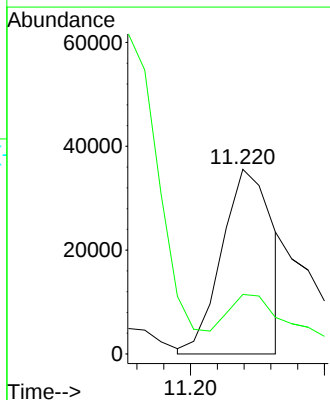
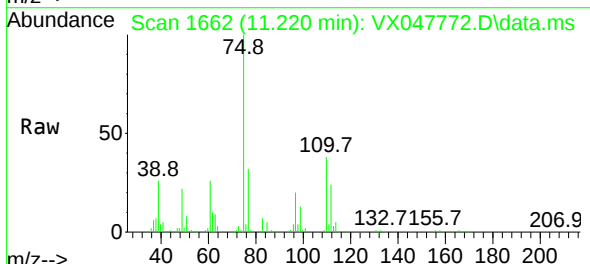
Manual Integrations
APPROVED

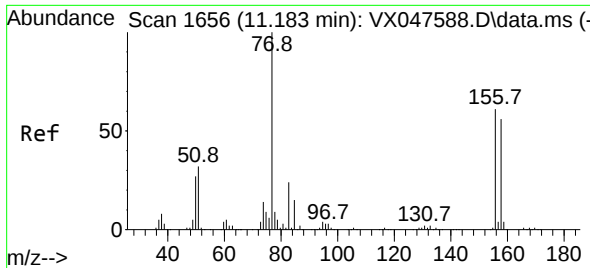
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#76
1,2,3-Trichloropropane
Concen: 17.894 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

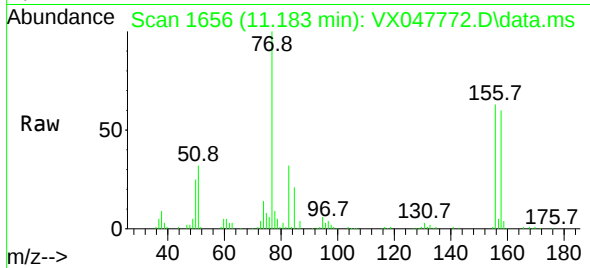
Tgt Ion: 75 Resp: 46823
Ion Ratio Lower Upper
75 100
77 42.3 18.8 56.4





#77
Bromobenzene
Concen: 19.505 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

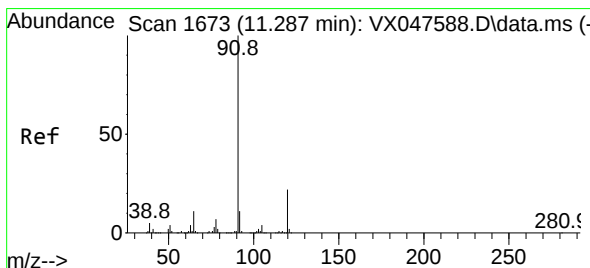
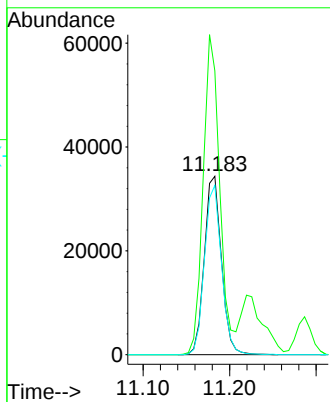
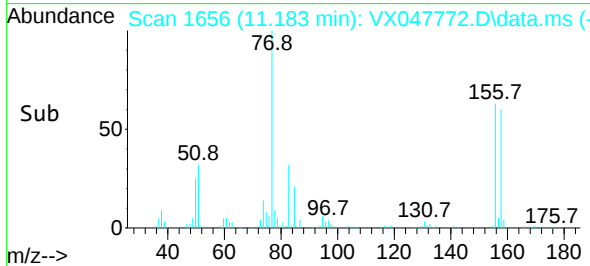
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



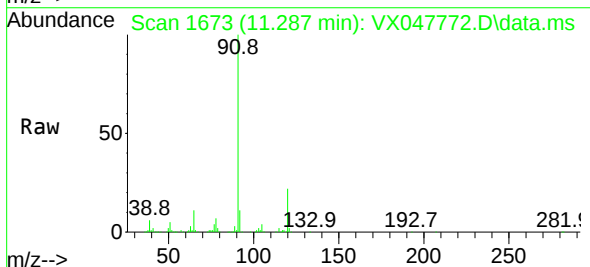
Tgt Ion:156 Resp: 47200
Ion Ratio Lower Upper
156 100
77 174.3 89.7 269.1
158 94.8 47.9 143.6

Manual Integrations
APPROVED

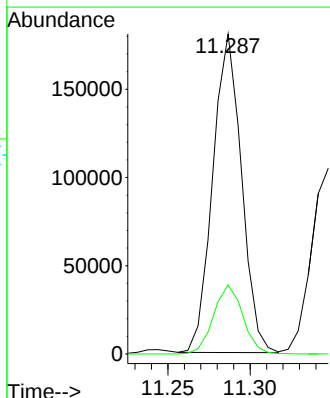
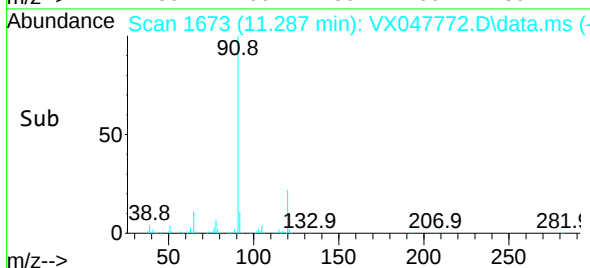
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#78
n-propylbenzene
Concen: 18.882 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



Tgt Ion: 91 Resp: 219305
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





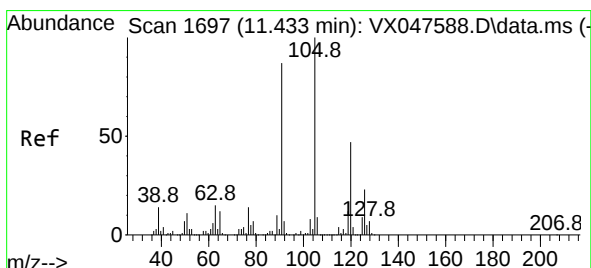
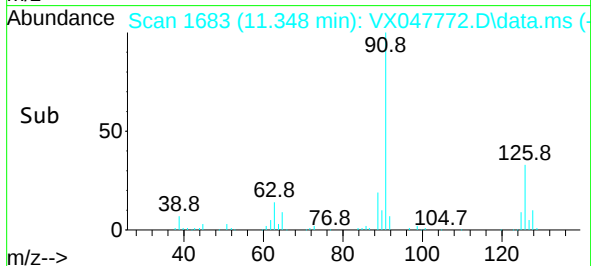
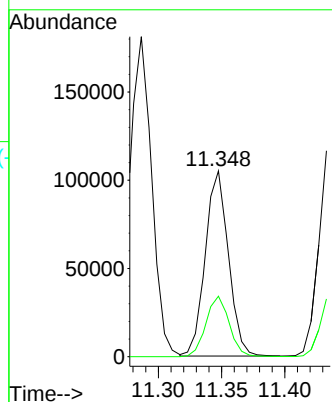
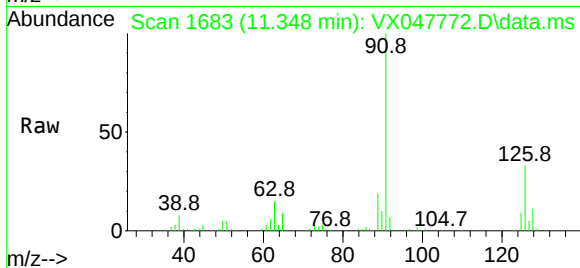
#79
2-Chlorotoluene
Concen: 18.794 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion: 91 Resp: 133694
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

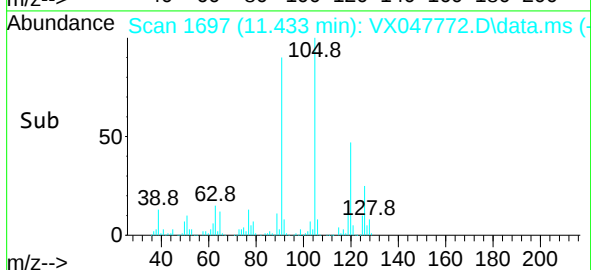
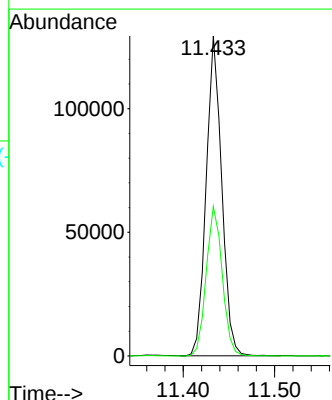
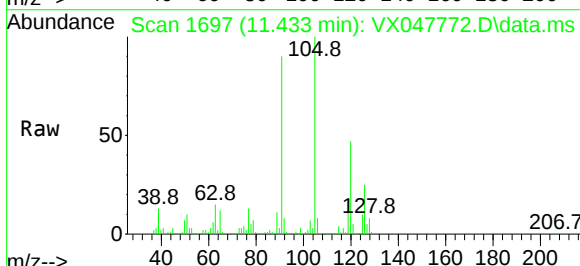
Manual Integrations
APPROVED

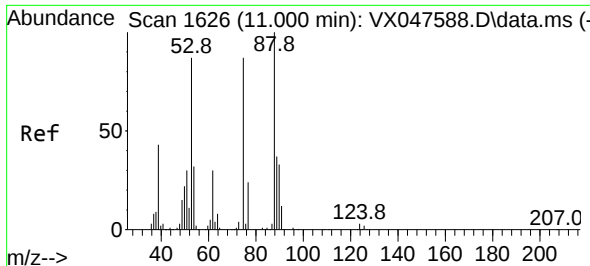
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.903 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

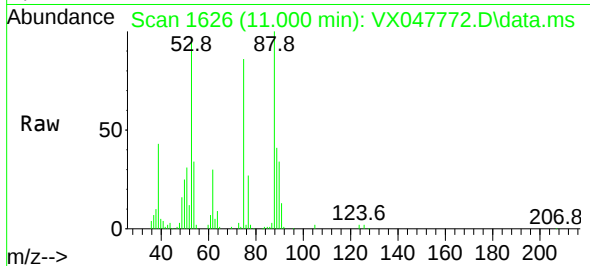
Tgt Ion:105 Resp: 152588
Ion Ratio Lower Upper
105 100
120 48.3 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.023 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

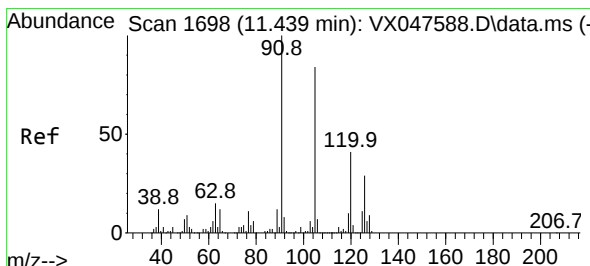
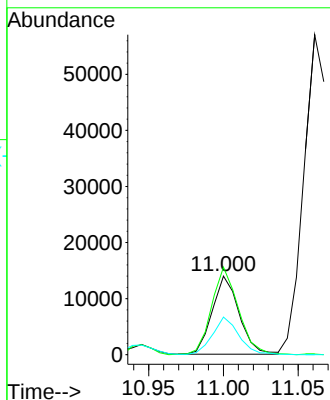
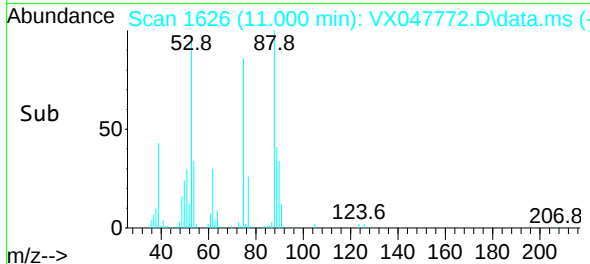
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 75 Resp: 1746
Ion Ratio Lower Upper
75 100
53 111.6 83.4 125.2
89 47.5 36.3 54.5

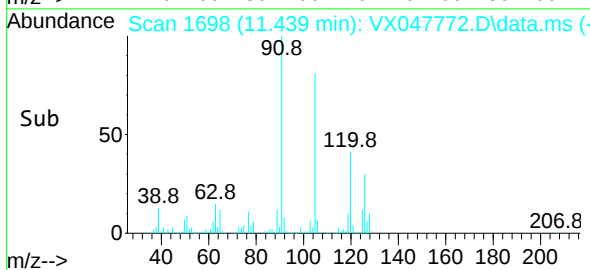
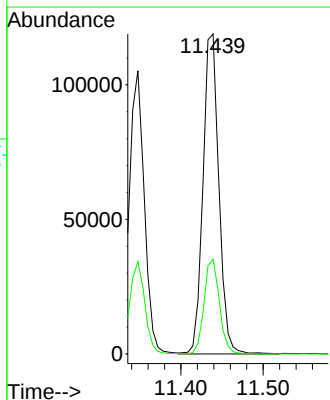
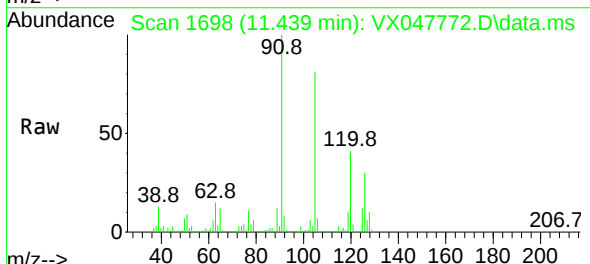
Manual Integrations
APPROVED

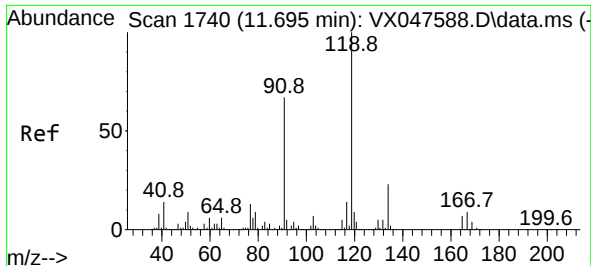
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 18.979 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

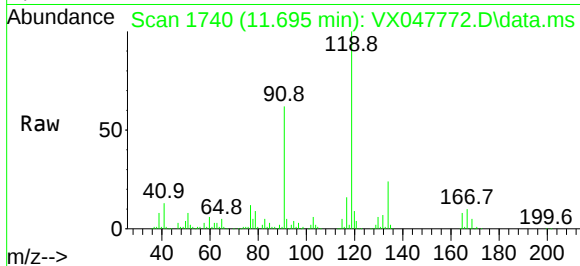
Tgt Ion: 91 Resp: 159461
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.153 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

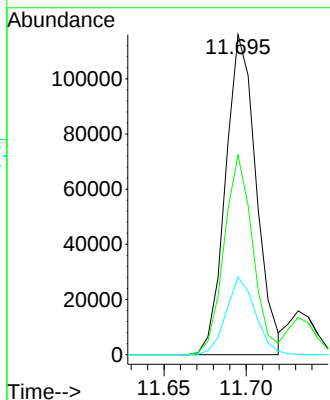
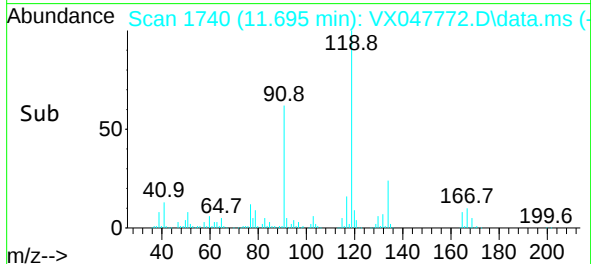
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



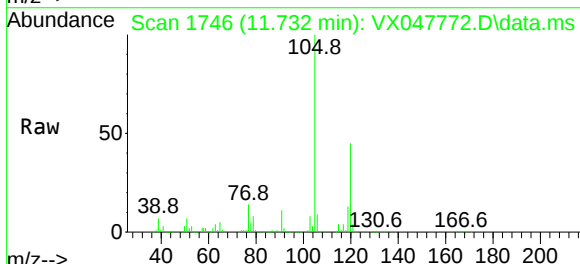
Tgt Ion:119 Resp: 150000
Ion Ratio Lower Upper
119 100
91 58.8 29.6 88.8
134 23.2 11.0 33.0

Manual Integrations
APPROVED

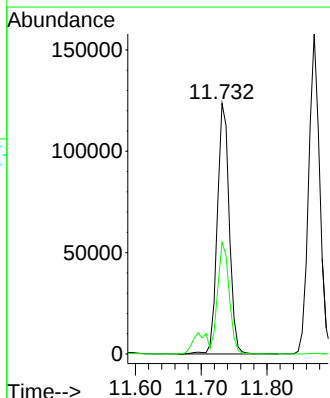
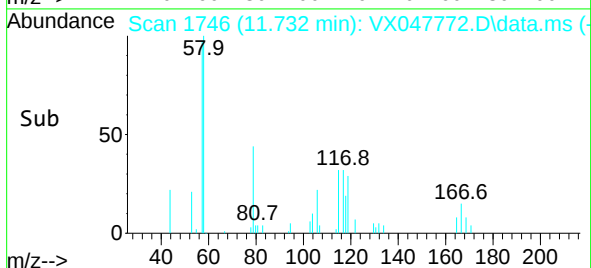
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

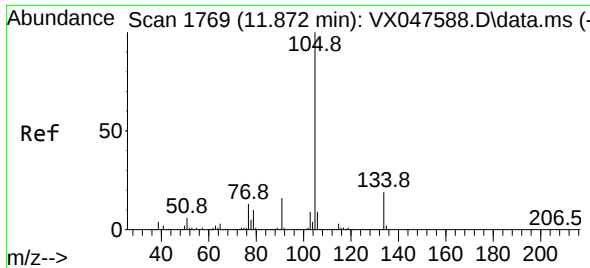


#84
1,2,4-Trimethylbenzene
Concen: 19.053 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



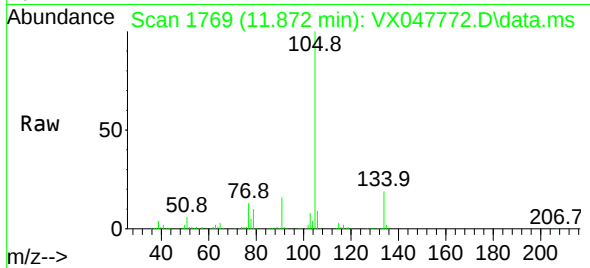
Tgt Ion:105 Resp: 155933
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.1





#85
sec-Butylbenzene
Concen: 18.788 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

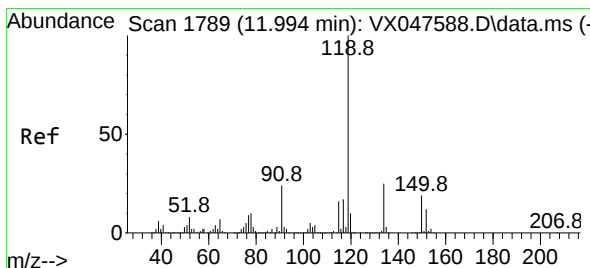
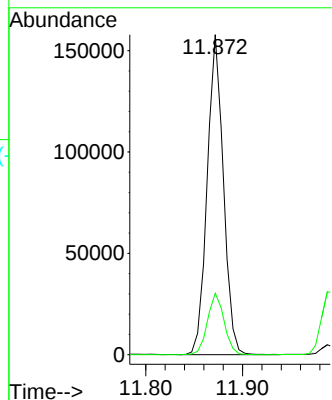
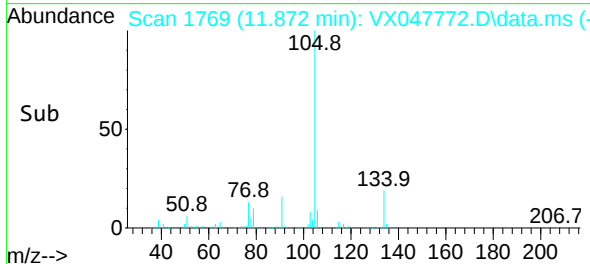
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



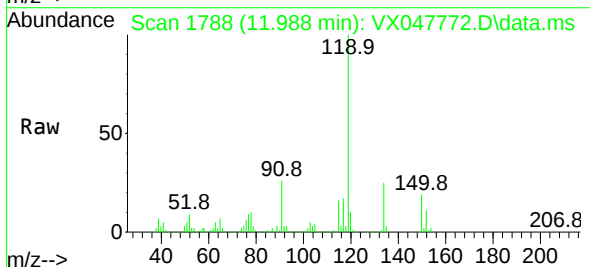
Tgt Ion:105 Resp: 184409
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.5

Manual Integrations
APPROVED

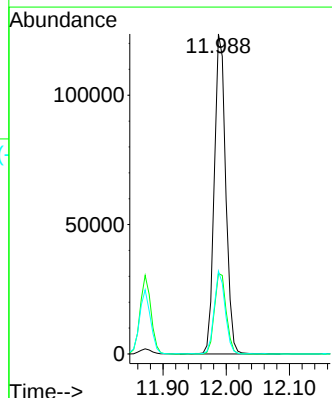
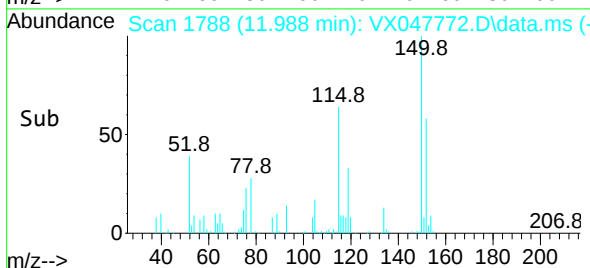
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

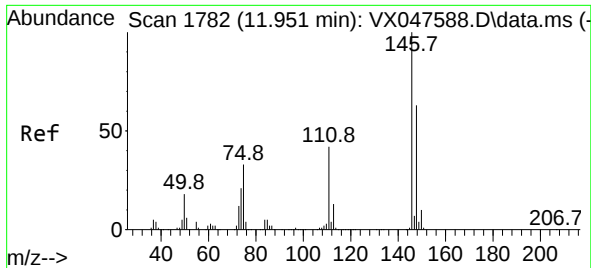


#86
p-Isopropyltoluene
Concen: 18.660 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



Tgt Ion:119 Resp: 155061
Ion Ratio Lower Upper
119 100
134 25.9 12.6 37.8
91 25.1 12.6 37.6





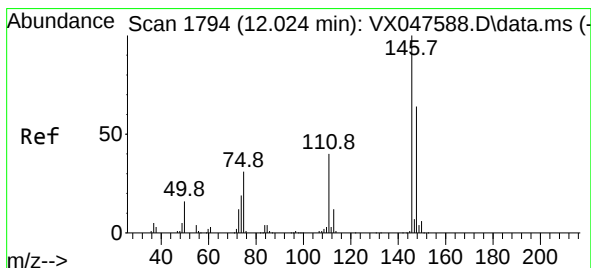
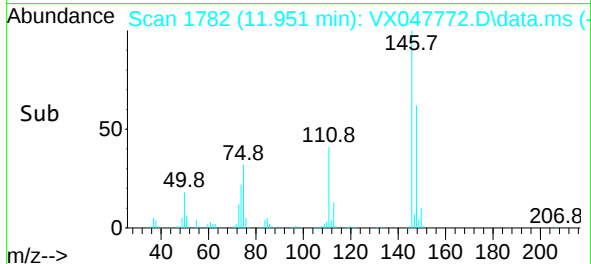
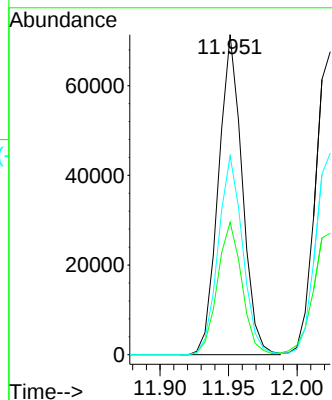
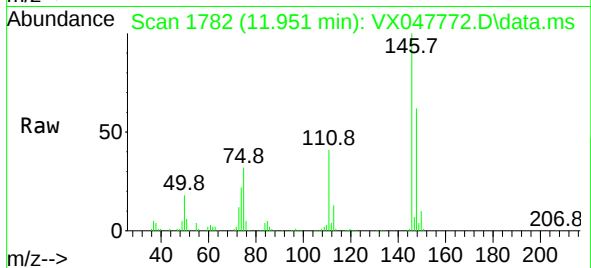
#87
1,3-Dichlorobenzene
Concen: 19.145 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tgt Ion:146 Resp: 86052
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 63.8 32.0 96.0

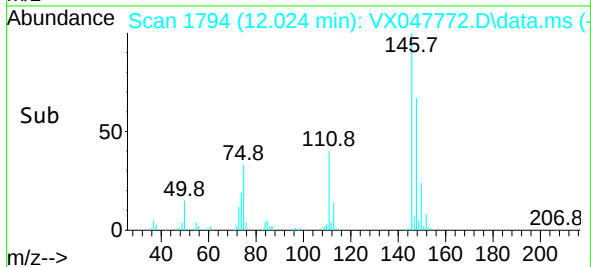
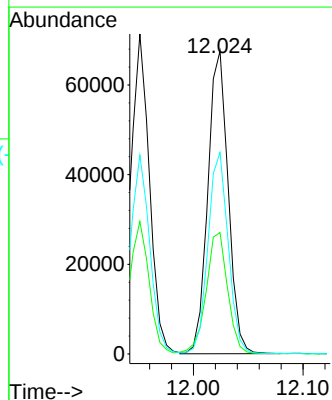
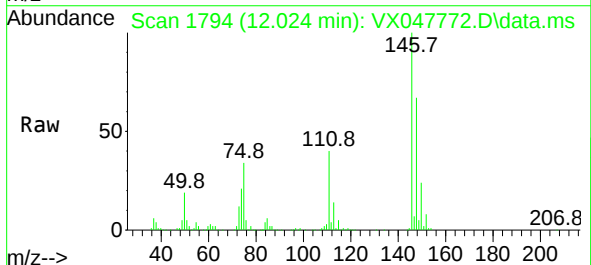
Manual Integrations
APPROVED

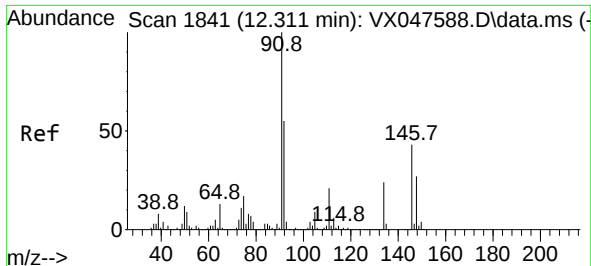
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#88
1,4-Dichlorobenzene
Concen: 18.824 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

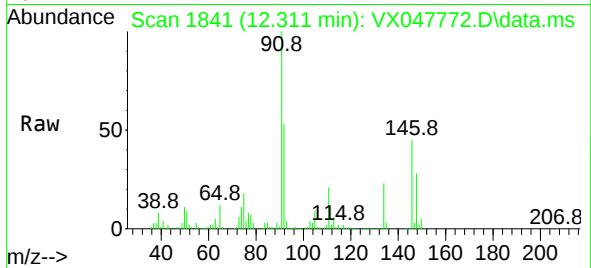
Tgt Ion:146 Resp: 86839
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.4
148 66.3 31.7 95.1





#89
n-Butylbenzene
Concen: 18.668 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

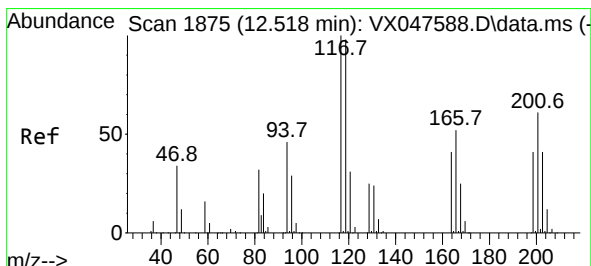
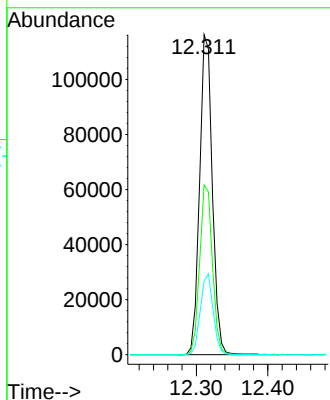
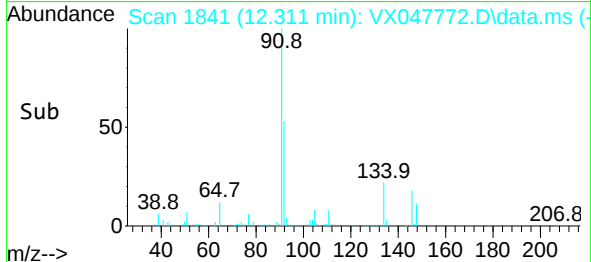
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion: 91 Resp: 143536
Ion Ratio Lower Upper
91 100
92 53.2 27.6 82.7
134 25.4 12.6 37.8

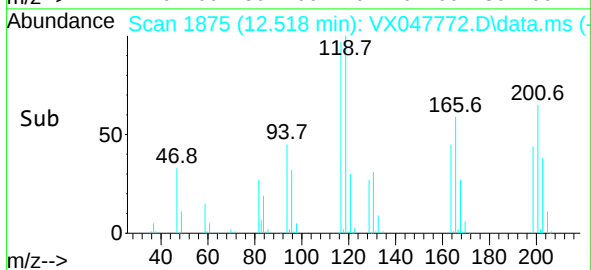
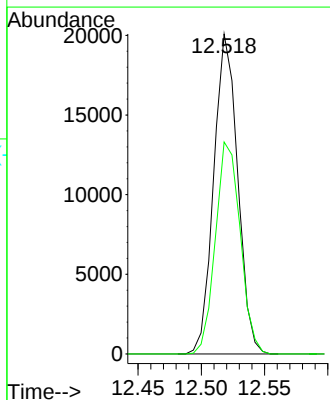
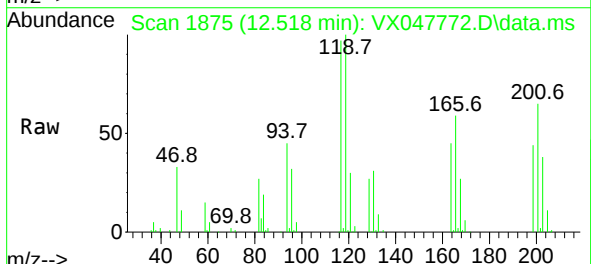
Manual Integrations
APPROVED

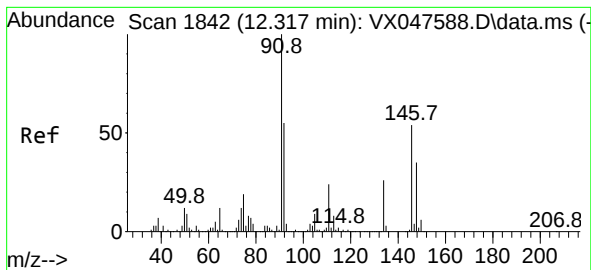
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#90
Hexachloroethane
Concen: 18.084 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

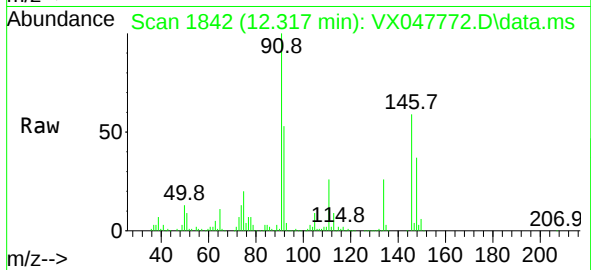
Tgt Ion:117 Resp: 26384
Ion Ratio Lower Upper
117 100
201 68.7 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 19.582 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

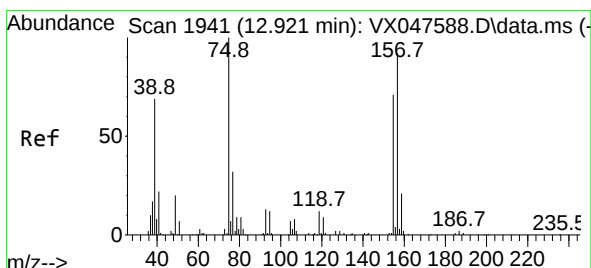
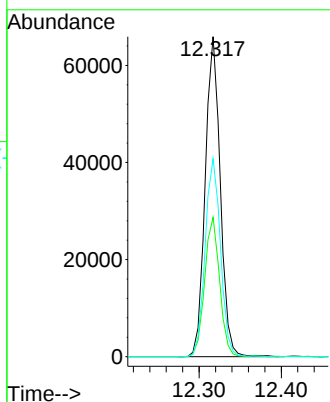
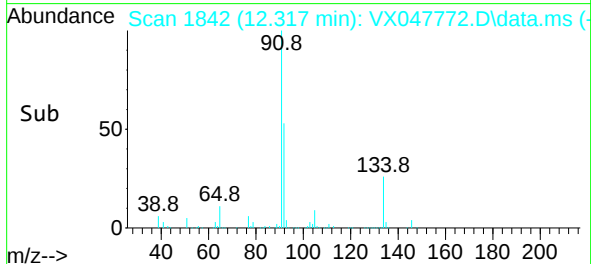
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



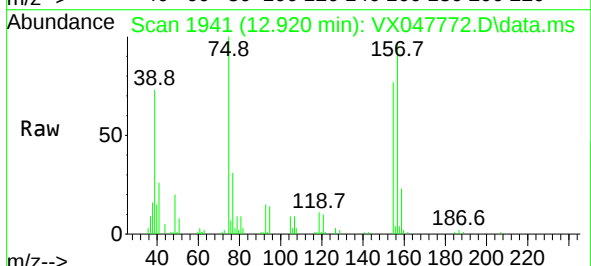
Tgt Ion:146 Resp: 8385
Ion Ratio Lower Upper
146 100
111 43.2 22.2 66.6
148 63.2 31.8 95.4

Manual Integrations
APPROVED

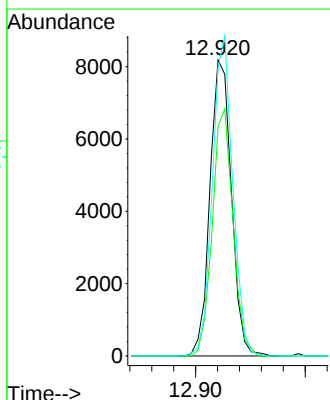
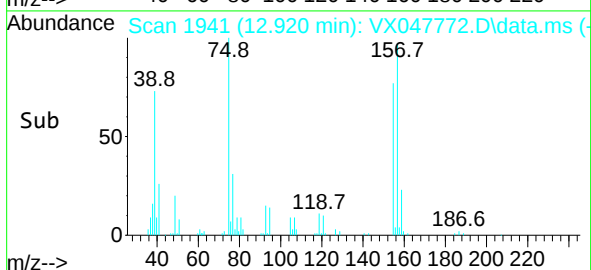
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

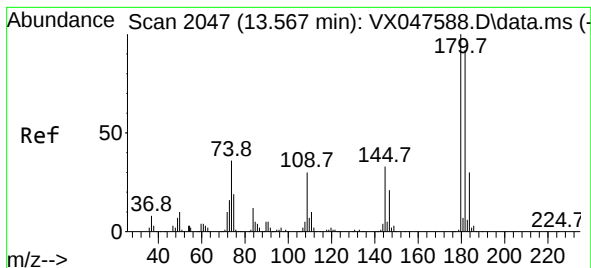


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.453 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59



Tgt Ion: 75 Resp: 11106
Ion Ratio Lower Upper
75 100
155 80.4 37.7 113.1
157 102.5 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 18.882 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

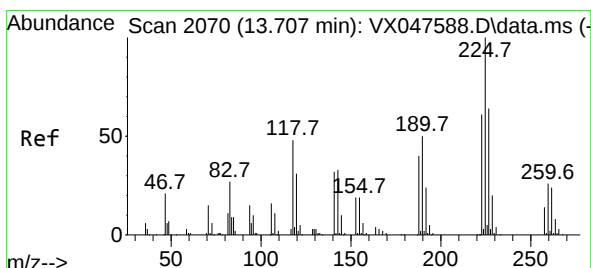
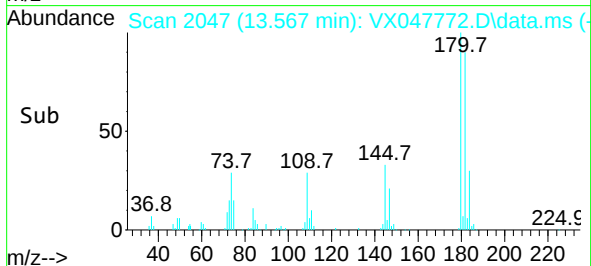
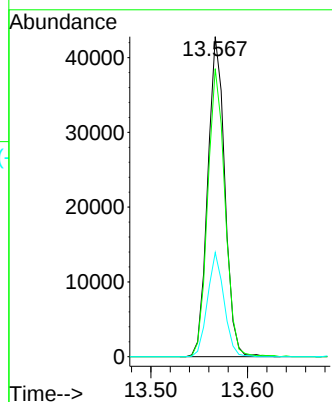
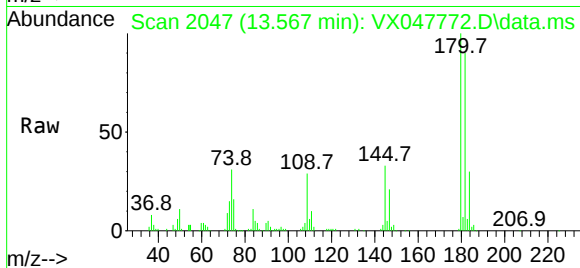
Tgt Ion:	180	Resp:	52549
Ion Ratio	Lower	Upper	
180	100		
182	91.3	46.6	139.8
145	31.5	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#94

Hexachlorobutadiene

Concen: 18.307 ug/l

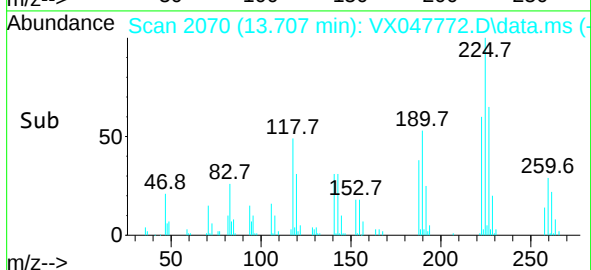
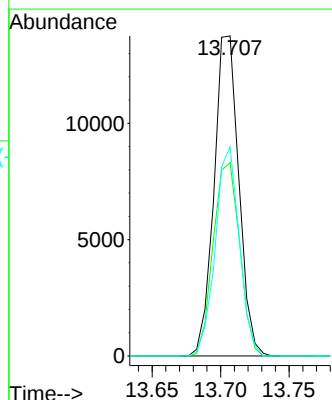
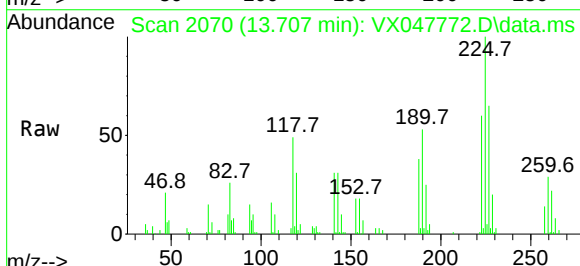
RT: 13.707 min Scan# 2070

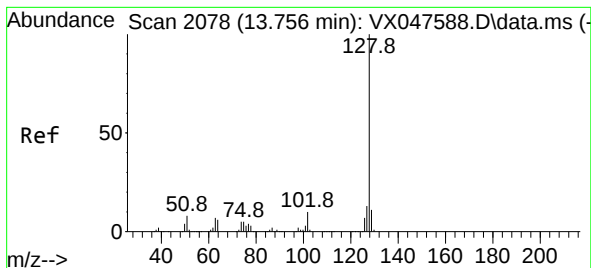
Delta R.T. -0.000 min

Lab File: VX047772.D

Acq: 24 Sep 2025 13:59

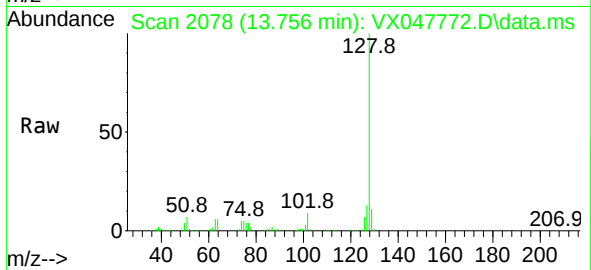
Tgt Ion:	225	Resp:	17306
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.7	95.1
227	63.2	32.0	96.0





#95
Naphthalene
Concen: 18.438 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

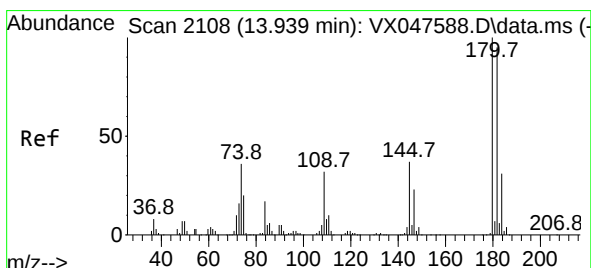
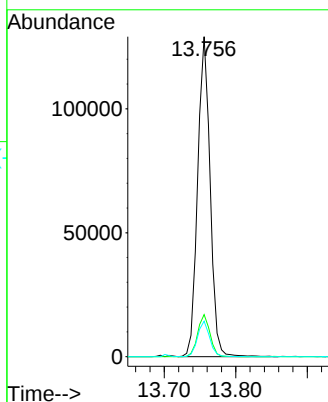
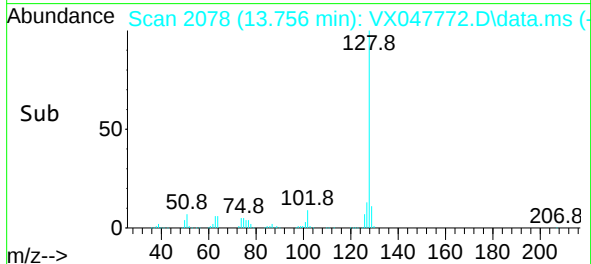
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01



Tgt Ion:128 Resp: 15625
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.990 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047772.D
Acq: 24 Sep 2025 13:59

Tgt Ion:180 Resp: 49161
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.8
145 34.3 17.9 53.7

