

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048199.D
 Acq On : 17 Oct 2025 09:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 17 23:51:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	153745	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	263338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	119256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	13249	5.563	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.120%#		
35) Dibromofluoromethane	5.367	113	9826	5.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.760%#		
50) Toluene-d8	8.628	98	34534	5.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.480%#		
62) 4-Bromofluorobenzene	11.061	95	12695	5.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	8304	5.146	ug/l	92
3) Chloromethane	1.300	50	10833	5.542	ug/l	98
4) Vinyl Chloride	1.380	62	10844	5.264	ug/l	100
5) Bromomethane	1.617	94	7879	5.843	ug/l	99
6) Chloroethane	1.697	64	6809	5.194	ug/l	91
7) Trichlorofluoromethane	1.892	101	17111	5.292	ug/l	96
8) Diethyl Ether	2.136	74	5542	5.025	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	9388	5.153	ug/l	98
10) Methyl Iodide	2.453	142	8757	4.013	ug/l	95
11) Tert butyl alcohol	2.940	59	4406	27.879	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	8872	4.980	ug/l	98
13) Acrolein	2.233	56	9166	27.597	ug/l	99
14) Allyl chloride	2.660	41	16133	5.034	ug/l	98
15) Acrylonitrile	3.056	53	18915	24.977	ug/l	98
16) Acetone	2.373	43	22063	27.154	ug/l	98
17) Carbon Disulfide	2.514	76	28679	5.232	ug/l	99
18) Methyl Acetate	2.697	43	7943	4.800	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	26175	4.878	ug/l	95
20) Methylene Chloride	2.788	84	10300	5.204	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	9196	4.989	ug/l	97
22) Diisopropyl ether	3.745	45	31321	4.991	ug/l	89
23) Vinyl Acetate	3.709	43	111285	23.718	ug/l	100
24) 1,1-Dichloroethane	3.599	63	18693	5.251	ug/l #	96
25) 2-Butanone	4.544	43	23972	25.324	ug/l	98
26) 2,2-Dichloropropane	4.465	77	15703	5.161	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	11176	5.109	ug/l	98
28) Bromochloromethane	4.879	49	8746	5.330	ug/l #	92
29) Tetrahydrofuran	4.989	42	13689	24.625	ug/l	97
30) Chloroform	5.074	83	20456	5.458	ug/l	98
31) Cyclohexane	5.458	56	15324	5.261	ug/l #	84
32) 1,1,1-Trichloroethane	5.361	97	16546	5.373	ug/l	97
36) 1,1-Dichloropropene	5.678	75	13452	5.225	ug/l	99
37) Ethyl Acetate	4.702	43	9417	4.577	ug/l	98
38) Carbon Tetrachloride	5.653	117	15616	5.284	ug/l	91
39) Methylcyclohexane	7.360	83	14758	5.084	ug/l	94
40) Benzene	6.019	78	39795	5.205	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Oct 17 23:51:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	5290	4.801	ug/l #	87
42) 1,2-Dichloroethane	6.068	62	14854	5.423	ug/l	98
43) Isopropyl Acetate	6.318	43	16504	4.778	ug/l	100
44) Trichloroethene	7.110	130	9855	5.115	ug/l	92
45) 1,2-Dichloropropane	7.409	63	9944	5.139	ug/l #	87
46) Dibromomethane	7.562	93	7243	5.203	ug/l	97
47) Bromodichloromethane	7.805	83	15851	5.268	ug/l	91
48) Methyl methacrylate	7.677	41	8414	4.759	ug/l	93
49) 1,4-Dioxane	7.647	88	1603	100.719	ug/l #	71
51) 4-Methyl-2-Pentanone	8.555	43	46666	24.280	ug/l	97
52) Toluene	8.702	92	23020	5.010	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	13526	4.799	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	15513	5.049	ug/l #	73
55) 1,1,2-Trichloroethane	9.134	97	9082	5.297	ug/l	96
56) Ethyl methacrylate	9.098	69	10795	4.629	ug/l	98
57) 1,3-Dichloropropane	9.287	76	15679	5.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	24721	30.551	ug/l	99
59) 2-Hexanone	9.415	43	33559	24.963	ug/l	97
60) Dibromochloromethane	9.500	129	11485	5.352	ug/l	98
61) 1,2-Dibromoethane	9.592	107	8947	5.089	ug/l	98
64) Tetrachloroethene	9.256	164	8068	4.807	ug/l	97
65) Chlorobenzene	10.061	112	26648	5.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	9358	4.961	ug/l	98
67) Ethyl Benzene	10.177	91	44215	4.927	ug/l	96
68) m/p-Xylenes	10.281	106	32891	9.839	ug/l	98
69) o-Xylene	10.622	106	14730	4.681	ug/l	100
70) Styrene	10.640	104	25526	4.712	ug/l	97
71) Bromoform	10.780	173	7113	5.135	ug/l #	98
73) Isopropylbenzene	10.945	105	39744	4.792	ug/l	99
74) N-amyl acetate	10.823	43	13847	4.475	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	11275	4.798	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	8543m	4.691	ug/l	
77) Bromobenzene	11.177	156	10069	4.851	ug/l	99
78) n-propylbenzene	11.286	91	47678	4.740	ug/l	100
79) 2-Chlorotoluene	11.347	91	30248	4.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	32573	4.784	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	2894	3.891	ug/l	85
82) 4-Chlorotoluene	11.433	91	34843	4.879	ug/l	99
83) tert-Butylbenzene	11.695	119	32713	4.756	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	31779	4.687	ug/l	97
85) sec-Butylbenzene	11.872	105	40171	4.777	ug/l	100
86) p-Isopropyltoluene	11.988	119	35118	4.954	ug/l	97
87) 1,3-Dichlorobenzene	11.951	146	18693	4.816	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	20013	4.974	ug/l	91
89) n-Butylbenzene	12.311	91	31086	4.709	ug/l	98
90) Hexachloroethane	12.518	117	7333	4.902	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	17793	4.851	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1930	4.495	ug/l	88
93) 1,2,4-Trichlorobenzene	13.567	180	9498	4.387	ug/l	100
94) Hexachlorobutadiene	13.707	225	3694	4.424	ug/l	94
95) Naphthalene	13.756	128	22221	3.894	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	9039	4.525	ug/l	97

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

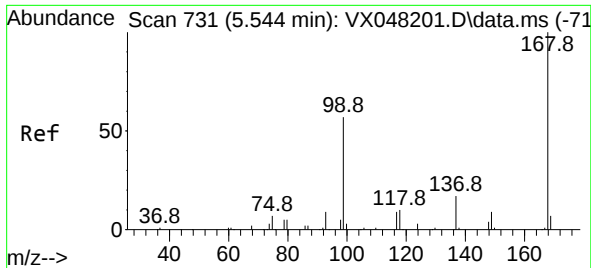
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2025

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QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

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



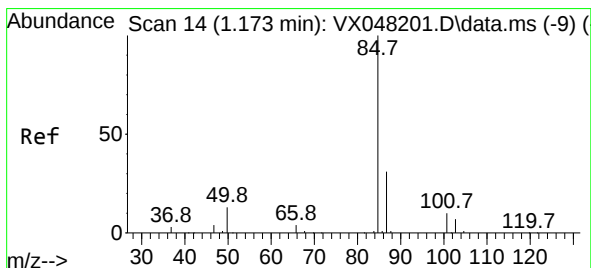
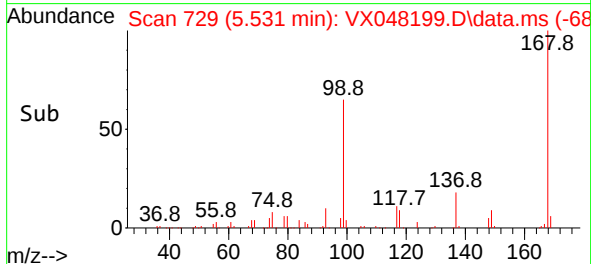
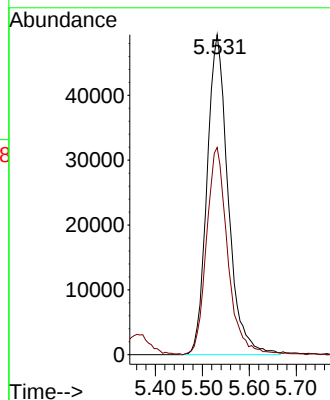
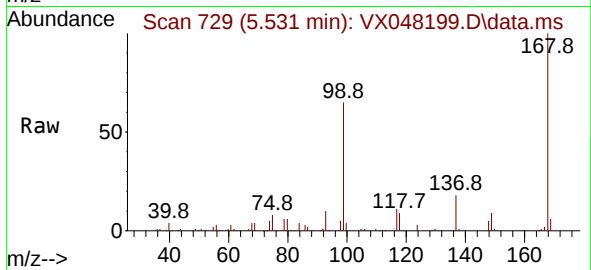
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 15374
Ion Ratio Lower Upper
168 100
99 64.5 46.4 69.6

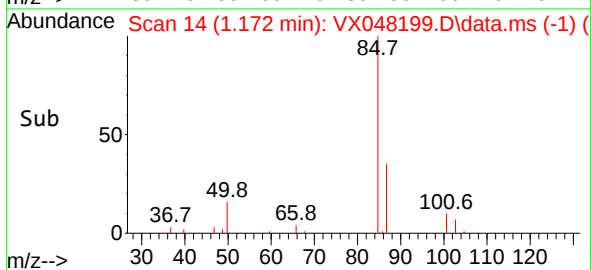
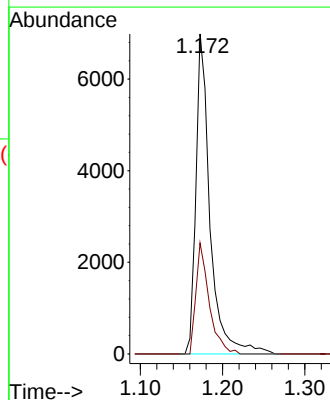
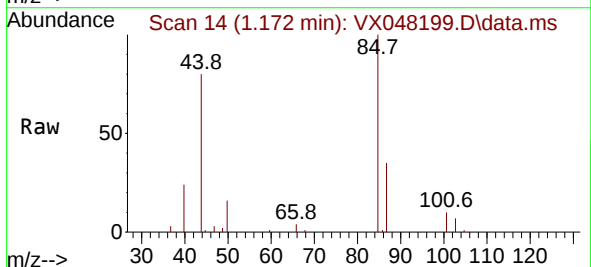
Manual Integrations
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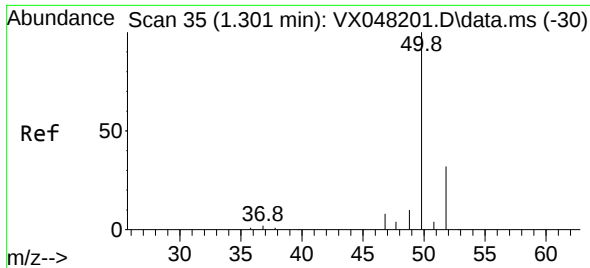
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#2
Dichlorodifluoromethane
Concen: 5.146 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

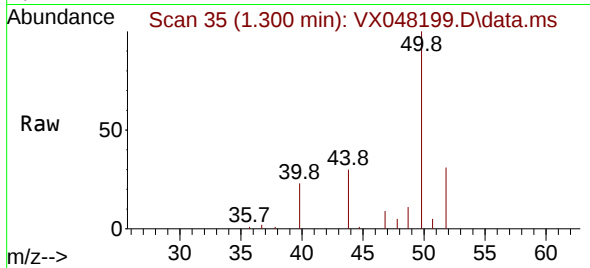
Tgt Ion: 85 Resp: 8304
Ion Ratio Lower Upper
85 100
87 34.7 15.3 45.9





#3
Chloromethane
Concen: 5.542 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

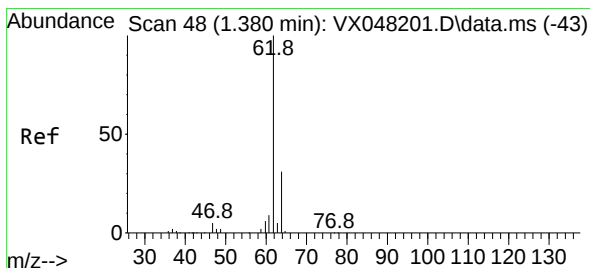
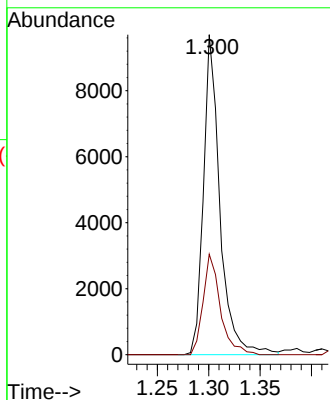
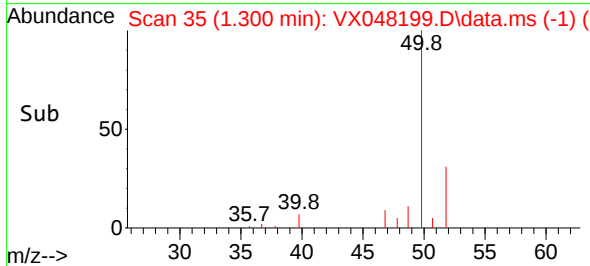
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 1083
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9

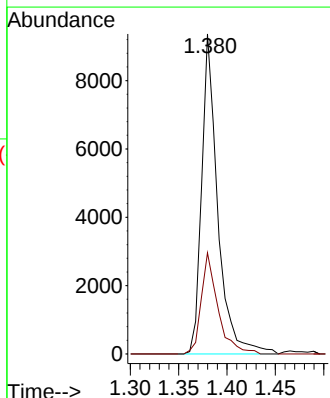
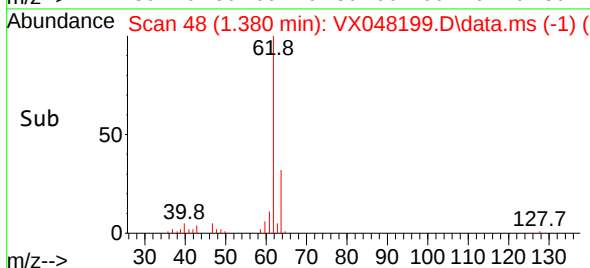
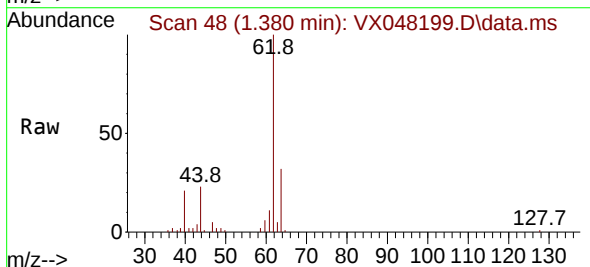
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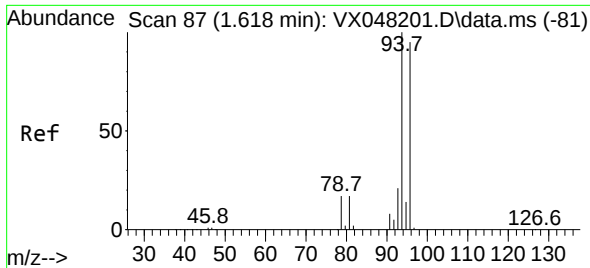
Reviewed By :John Carlone 10/20/2025
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#4
Vinyl Chloride
Concen: 5.264 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 62 Resp: 10844
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





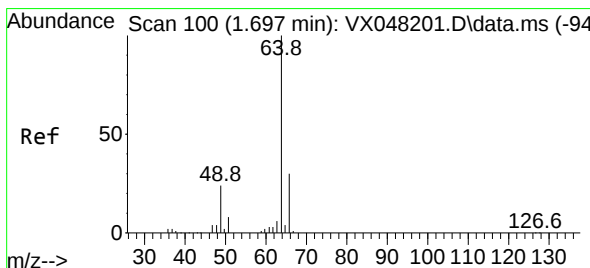
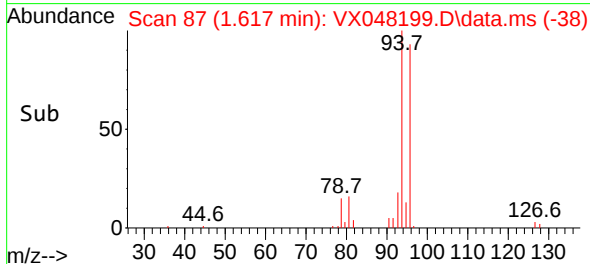
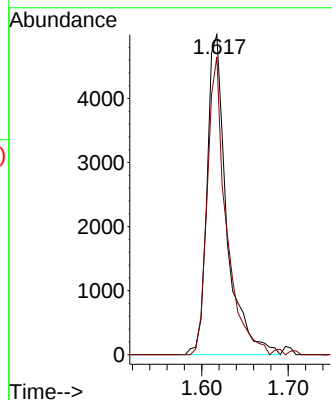
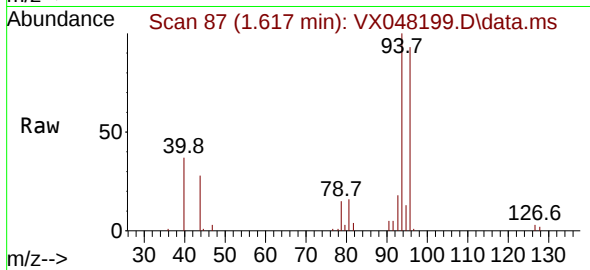
#5
Bromomethane
Concen: 5.843 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 7879
Ion Ratio Lower Upper
94 100
96 94.2 76.0 114.0

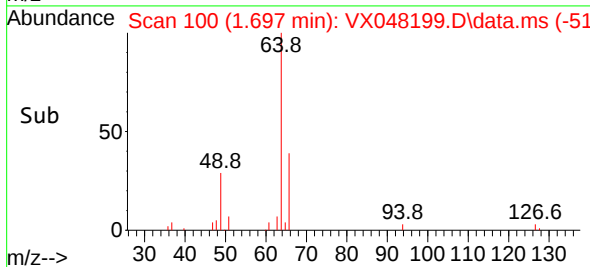
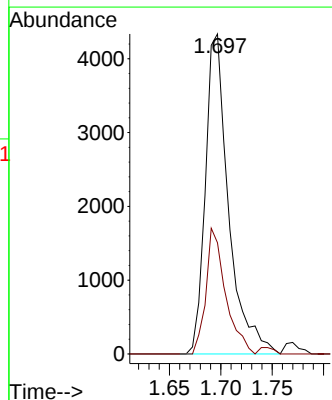
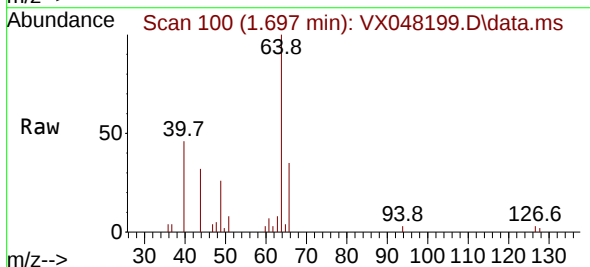
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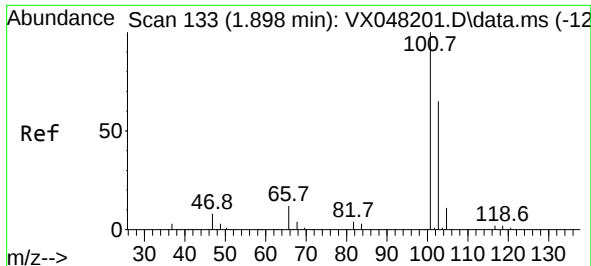
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#6
Chloroethane
Concen: 5.194 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

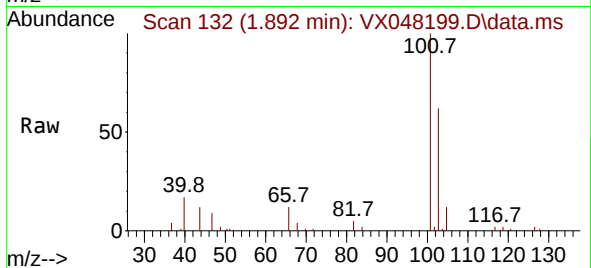
Tgt Ion: 64 Resp: 6809
Ion Ratio Lower Upper
64 100
66 34.8 23.9 35.9





#7
Trichlorofluoromethane
Concen: 5.292 ug/l
RT: 1.892 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

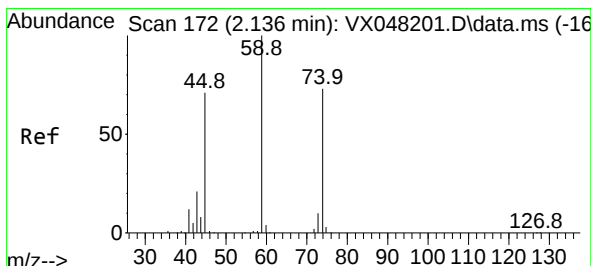
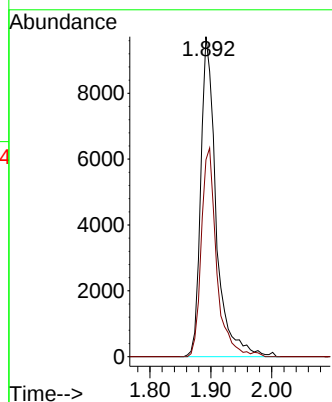
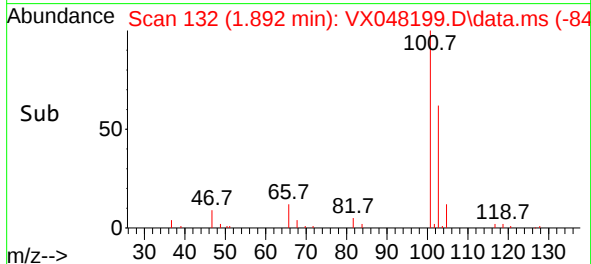
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 1711
Ion Ratio Lower Upper
101 100
103 61.5 51.6 77.4

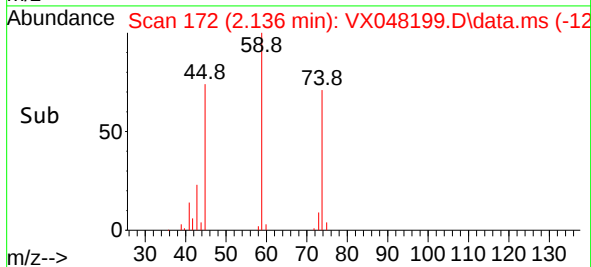
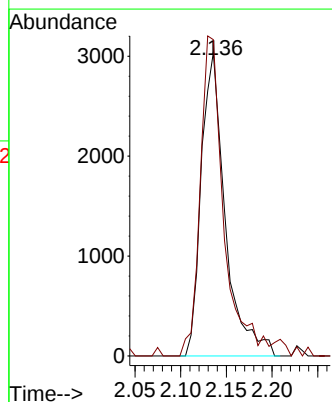
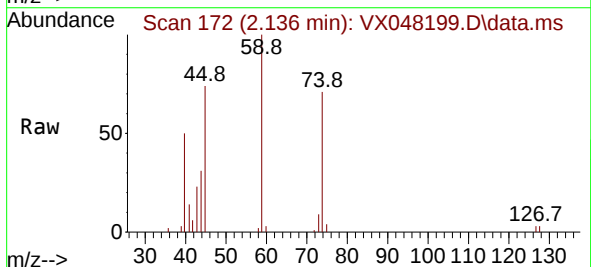
Manual Integrations
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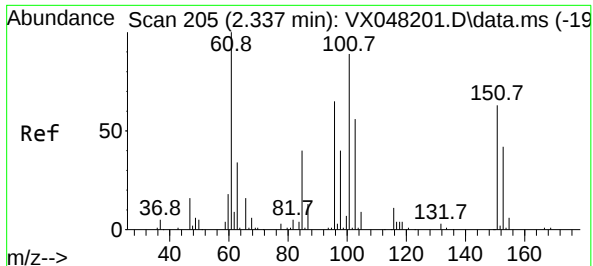
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#8
Diethyl Ether
Concen: 5.025 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 74 Resp: 5542
Ion Ratio Lower Upper
74 100
45 106.2 50.0 149.8





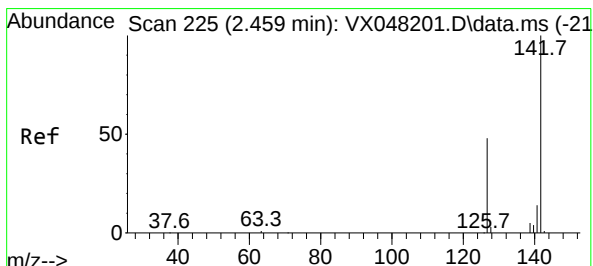
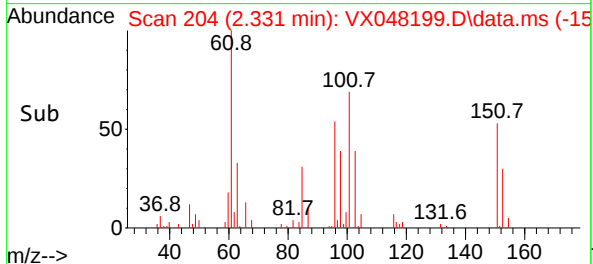
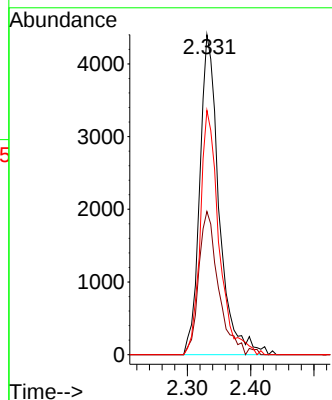
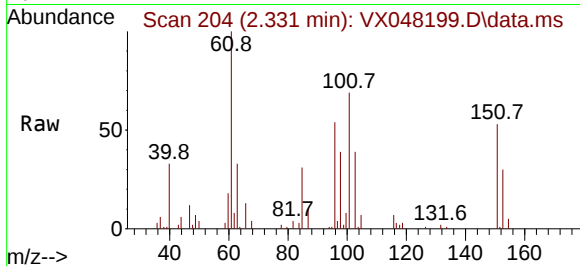
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.153 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 938
Ion Ratio Lower Upper
101 100
85 45.3 35.6 53.4
151 74.1 58.0 87.0

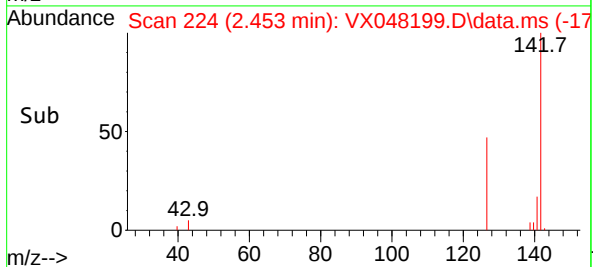
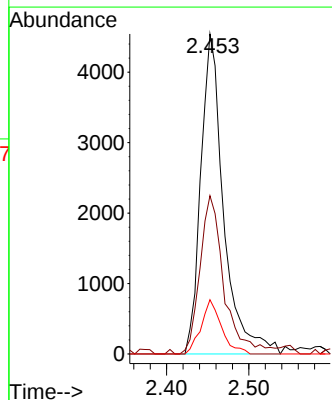
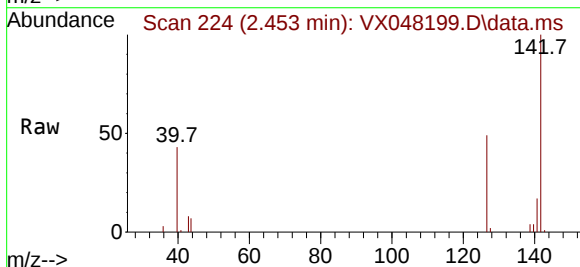
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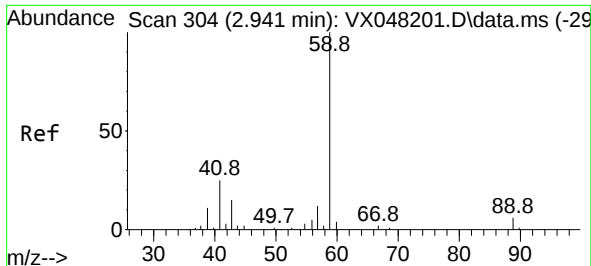
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
Methyl Iodide
Concen: 4.013 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:142 Resp: 8757
Ion Ratio Lower Upper
142 100
127 52.2 38.5 57.7
141 15.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 27.879 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 4400

Ion Ratio Lower Upper

59 100

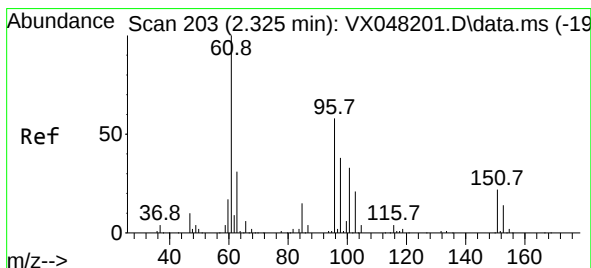
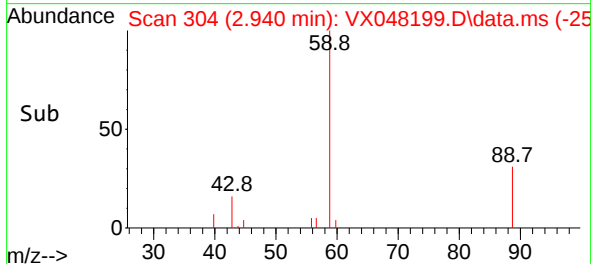
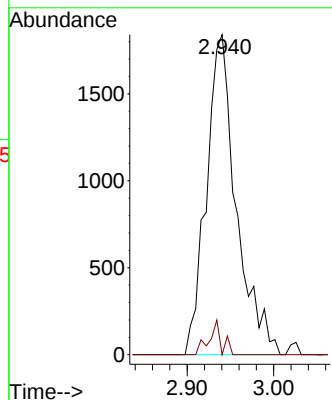
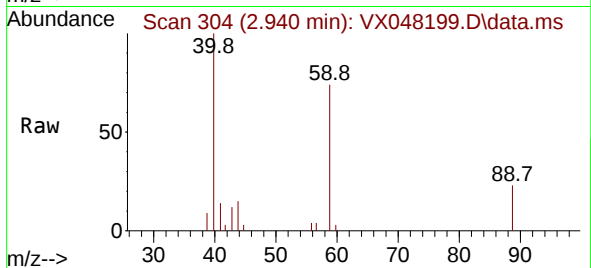
57 4.5 8.2 12.4

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Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#12

1,1-Dichloroethene

Concen: 4.980 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

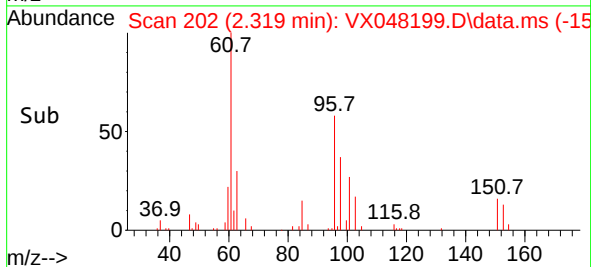
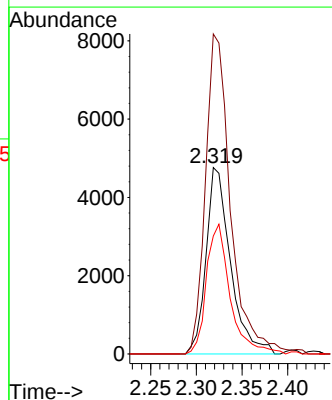
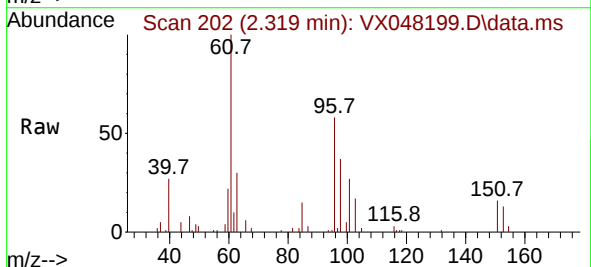
Tgt Ion: 96 Resp: 8872

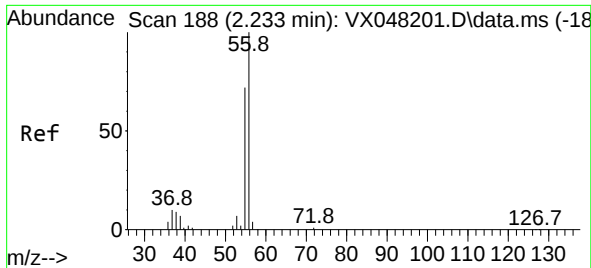
Ion Ratio Lower Upper

96 100

61 171.7 139.0 208.6

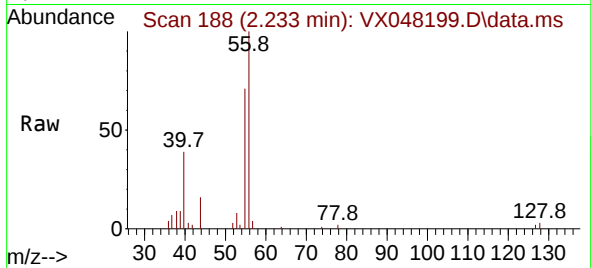
98 63.3 52.4 78.6





#13
Acrolein
Concen: 27.597 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

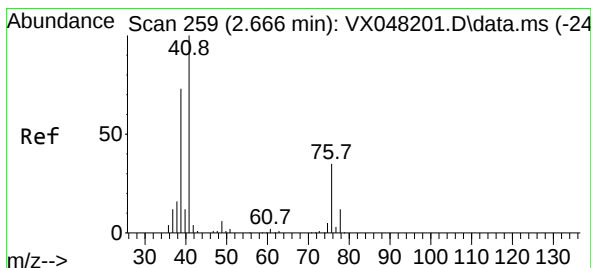
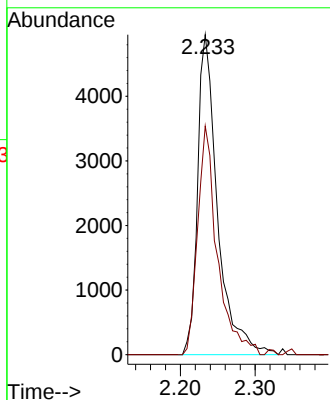
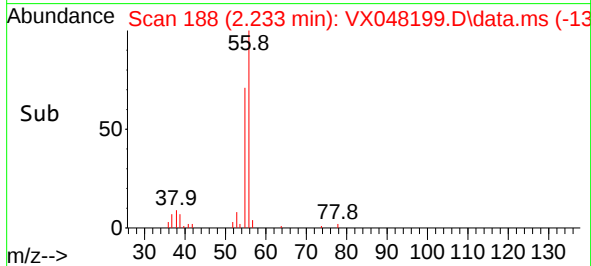
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 916
Ion Ratio Lower Upper
56 100
55 70.5 56.1 84.1

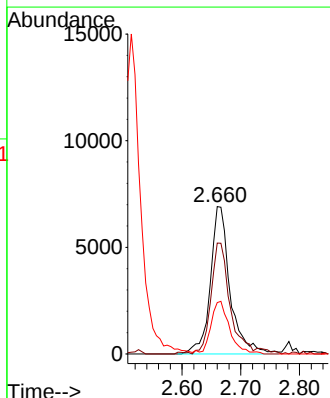
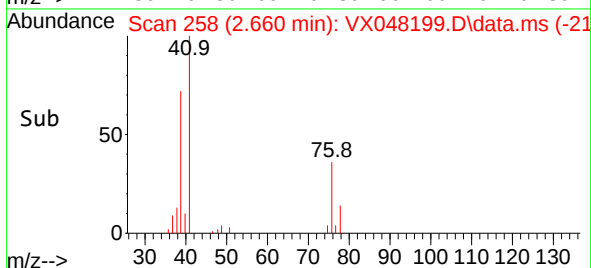
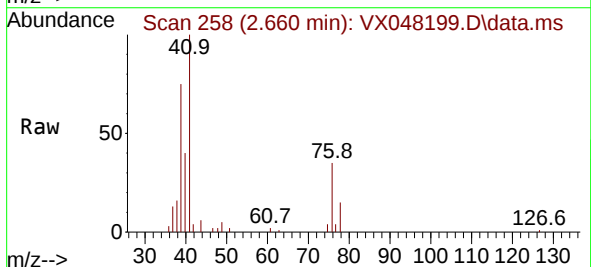
Manual Integrations
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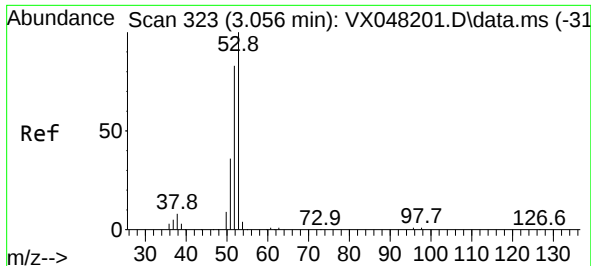
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#14
Allyl chloride
Concen: 5.034 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

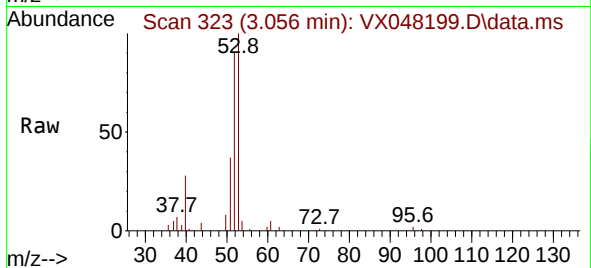
Tgt Ion: 41 Resp: 16133
Ion Ratio Lower Upper
41 100
39 71.5 56.0 84.0
76 33.9 27.5 41.3





#15
Acrylonitrile
Concen: 24.977 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

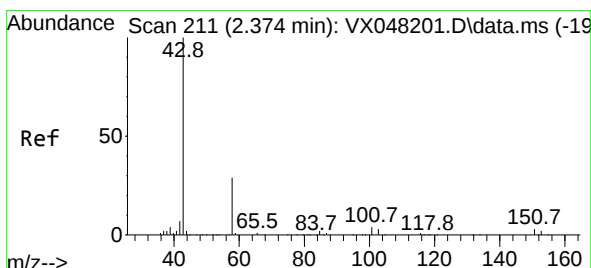
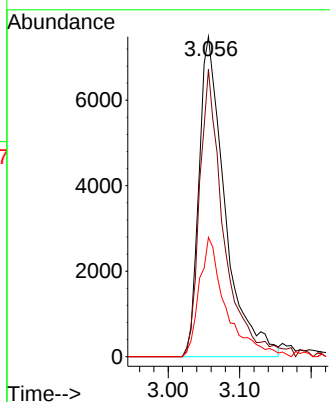
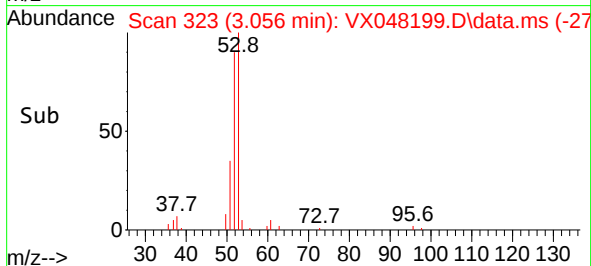
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



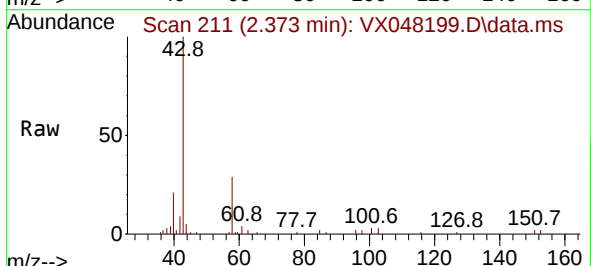
Tgt Ion: 53 Resp: 1891
Ion Ratio Lower Upper
53 100
52 83.8 66.1 99.1
51 38.2 29.0 43.4

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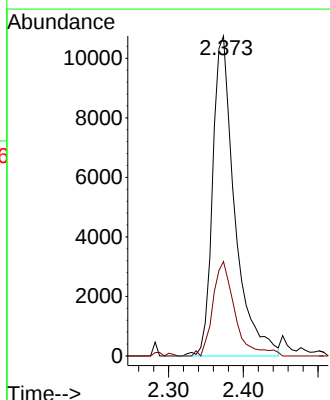
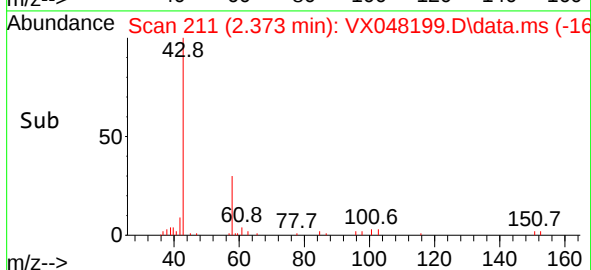
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

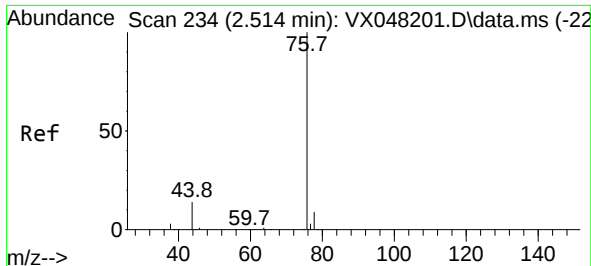


#16
Acetone
Concen: 27.154 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14



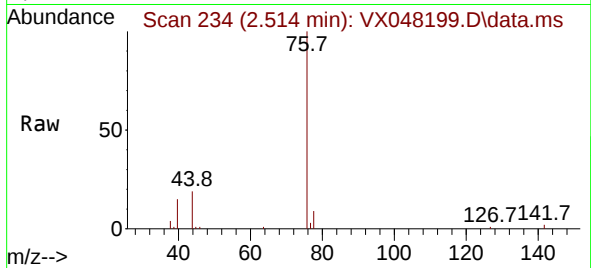
Tgt Ion: 43 Resp: 22063
Ion Ratio Lower Upper
43 100
58 28.0 23.4 35.2





#17
Carbon Disulfide
Concen: 5.232 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

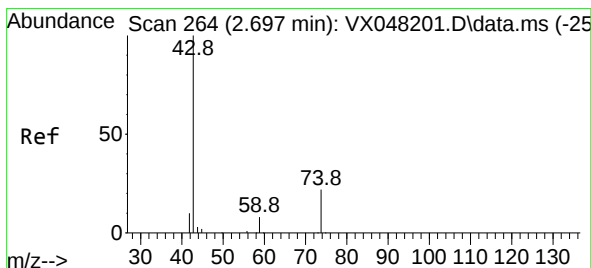
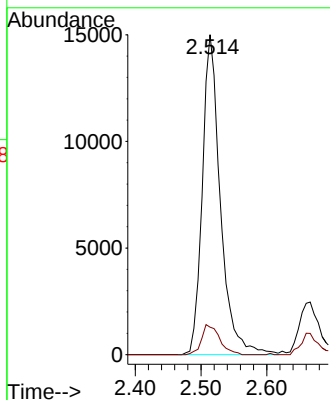
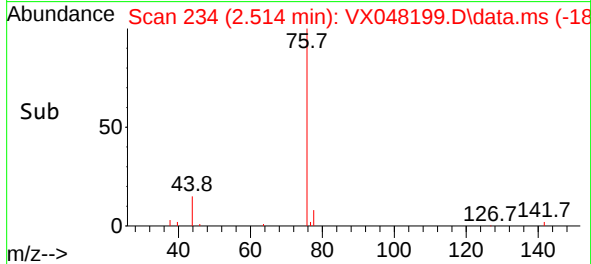
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 28679
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

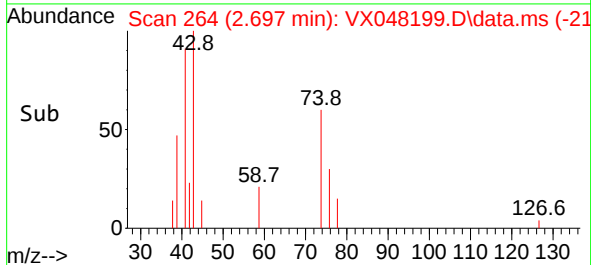
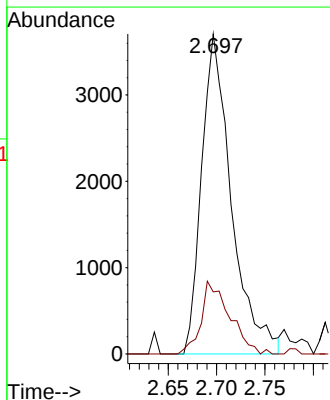
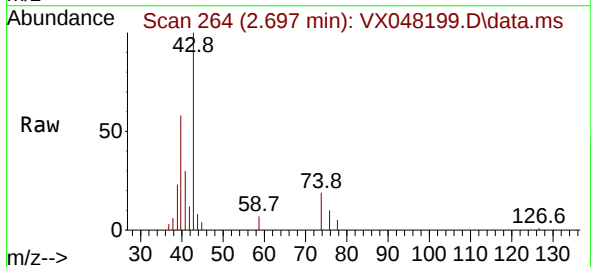
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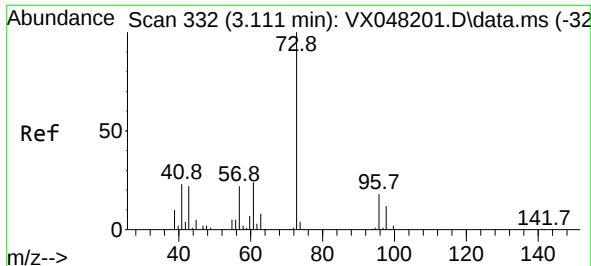
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#18
Methyl Acetate
Concen: 4.800 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 7943
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3





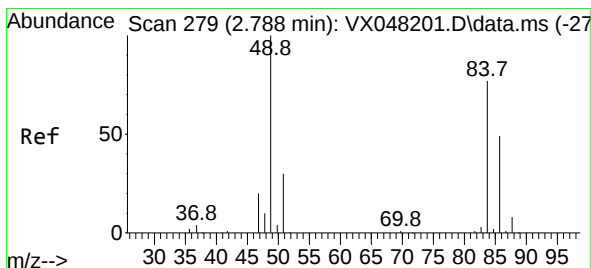
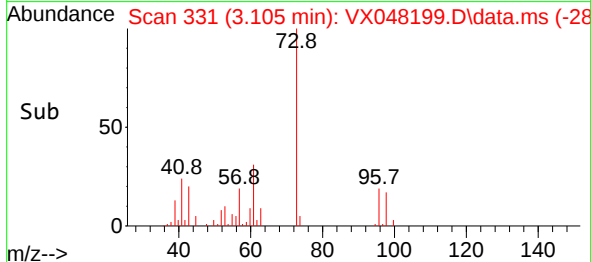
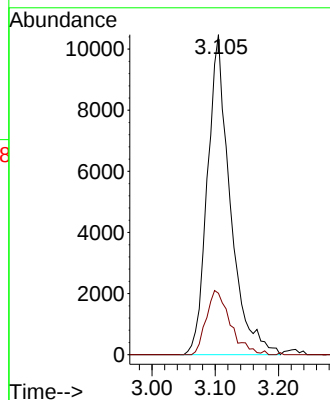
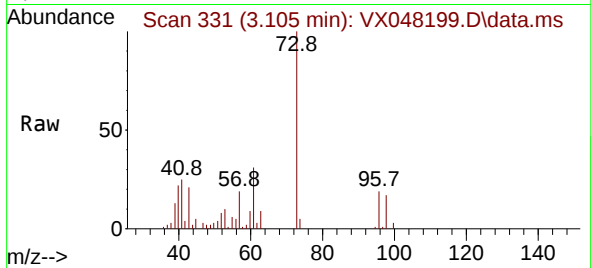
#19
Methyl tert-butyl Ether
Concen: 4.878 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2617
Ion Ratio Lower Upper
73 100
57 19.6 17.7 26.5

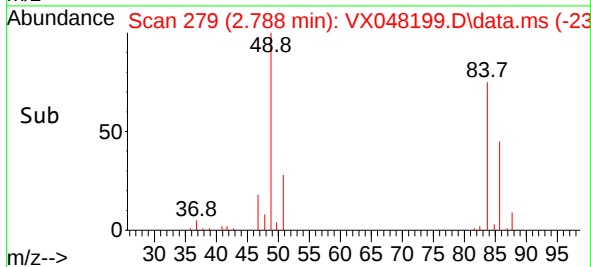
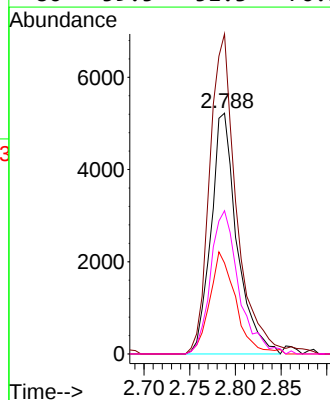
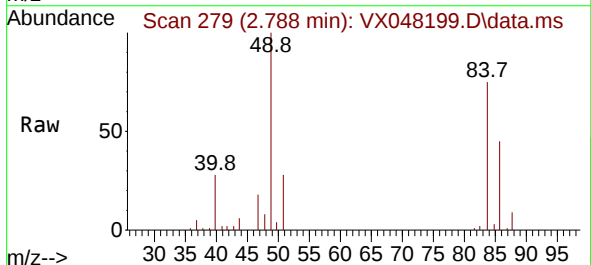
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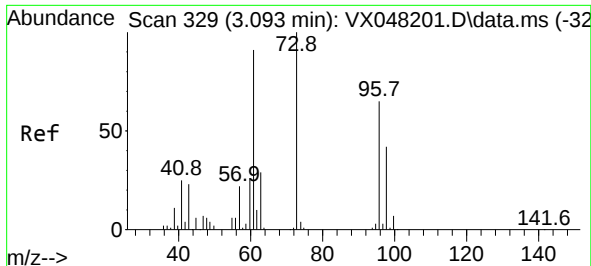
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Methylene Chloride
Concen: 5.204 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 84 Resp: 10300
Ion Ratio Lower Upper
84 100
49 132.8 104.1 156.1
51 37.7 31.3 46.9
86 59.5 51.3 76.9





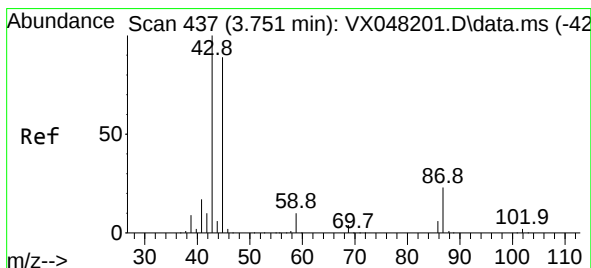
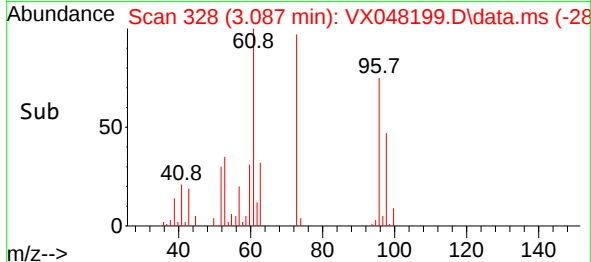
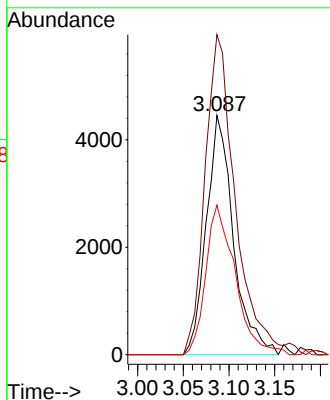
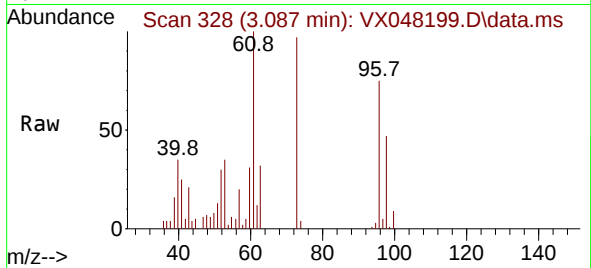
#21
trans-1,2-Dichloroethene
Concen: 4.989 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 9190
Ion Ratio Lower Upper
96 100
61 133.8 111.9 167.9
98 64.0 51.2 76.8

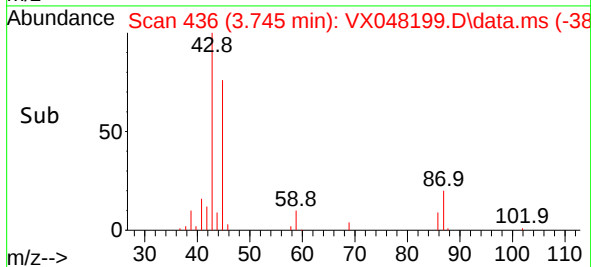
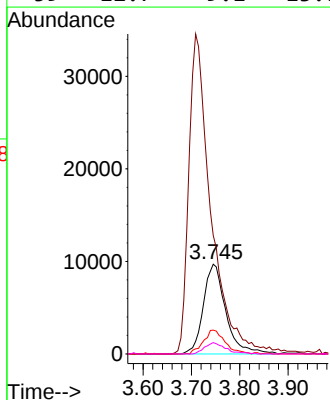
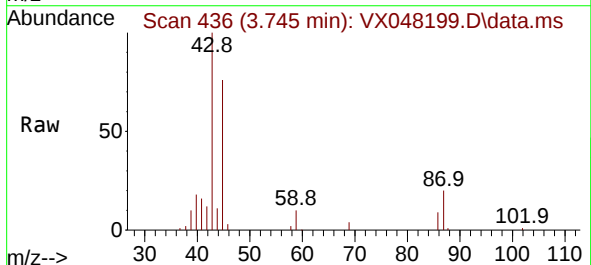
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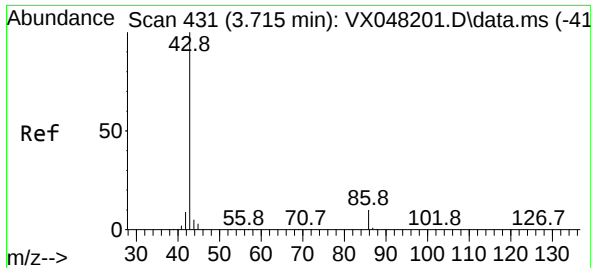
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
Diisopropyl ether
Concen: 4.991 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 45 Resp: 31321
Ion Ratio Lower Upper
45 100
43 126.8 89.8 134.8
87 27.5 20.6 31.0
59 12.7 9.1 13.7





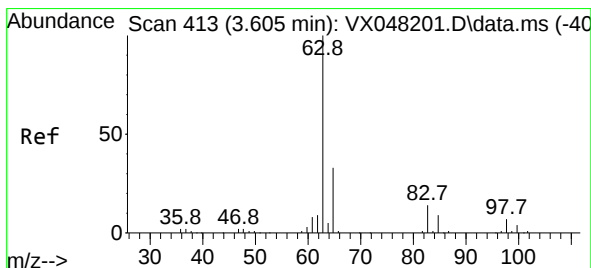
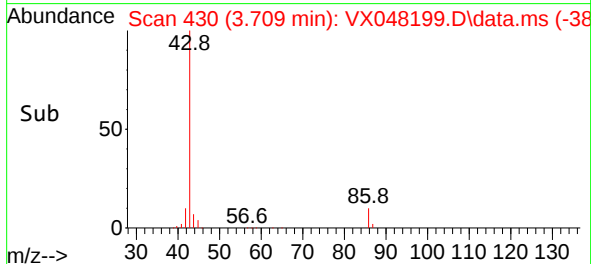
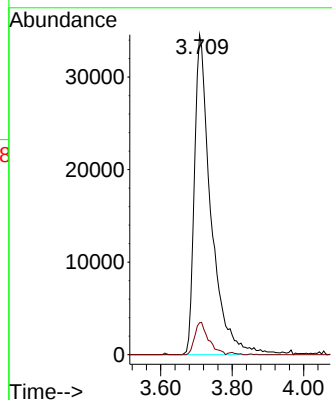
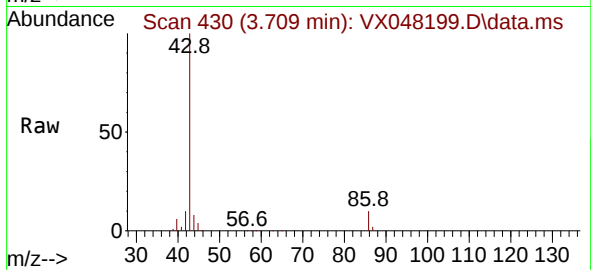
#23
 Vinyl Acetate
 Concen: 23.718 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048199.D
 Acq: 17 Oct 2025 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 11128
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

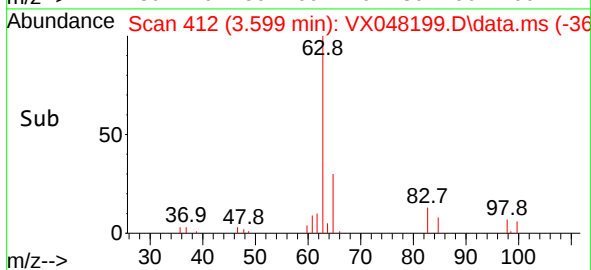
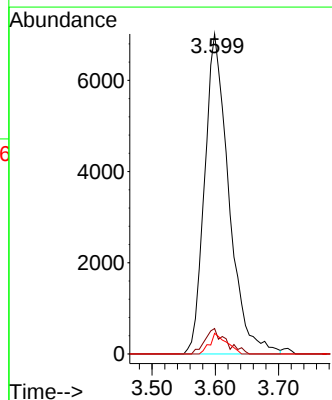
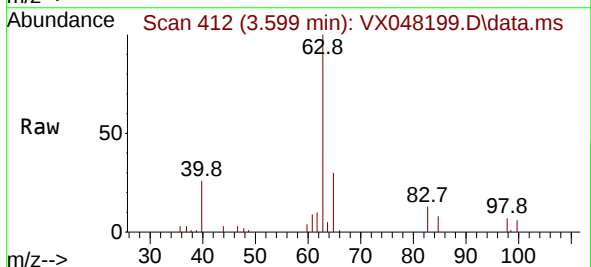
Manual Integrations
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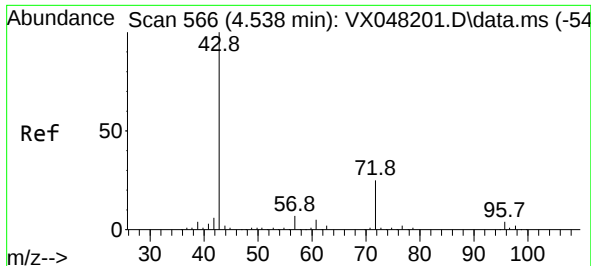
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#24
 1,1-Dichloroethane
 Concen: 5.251 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048199.D
 Acq: 17 Oct 2025 09:14

Tgt Ion: 63 Resp: 18693
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 6.4 2.1 6.3#





#25

2-Butanone

Concen: 25.324 ug/l

RT: 4.544 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 23972

Ion Ratio Lower Upper

43 100

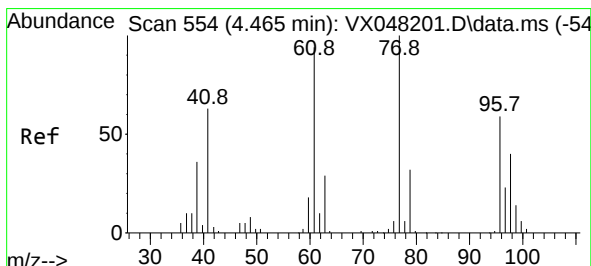
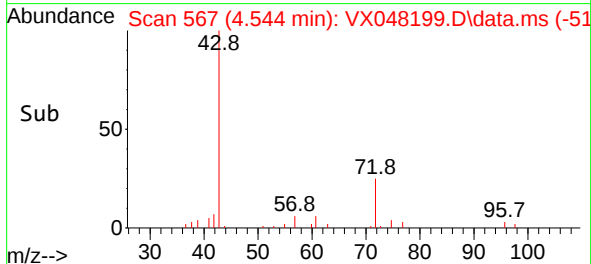
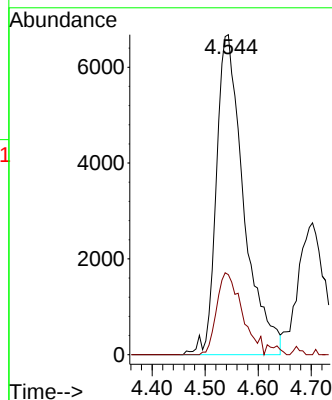
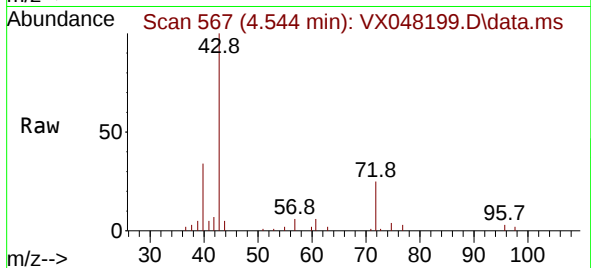
72 26.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#26

2,2-Dichloropropane

Concen: 5.161 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX048199.D

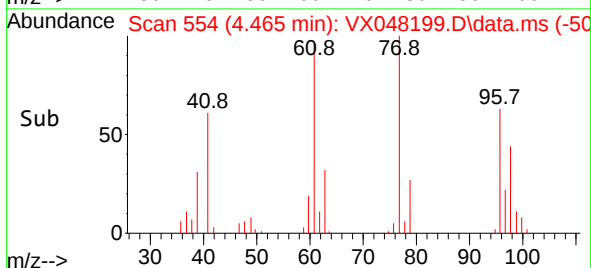
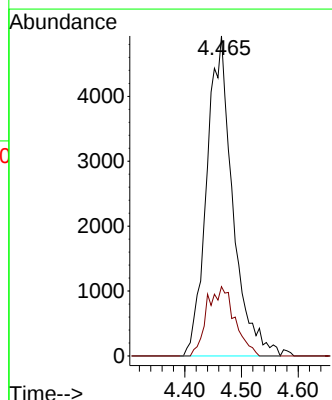
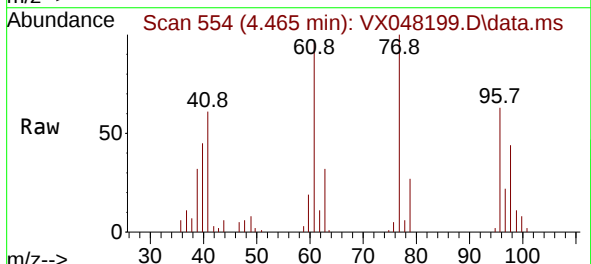
Acq: 17 Oct 2025 09:14

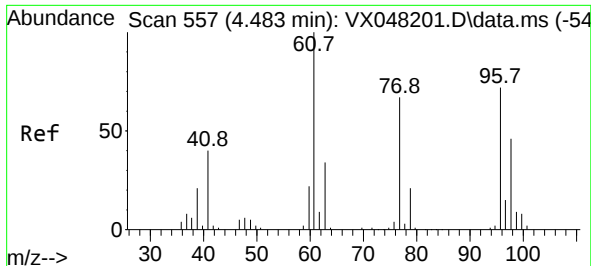
Tgt Ion: 77 Resp: 15703

Ion Ratio Lower Upper

77 100

97 23.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 5.109 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 11170

Ion Ratio Lower Upper

96 100

61 149.9 0.0 294.2

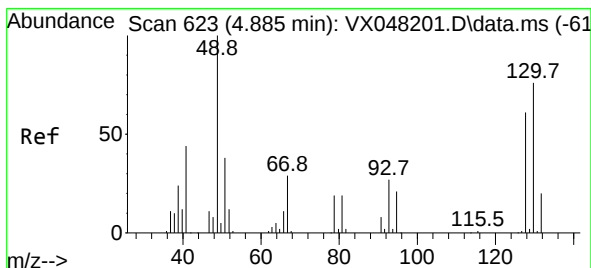
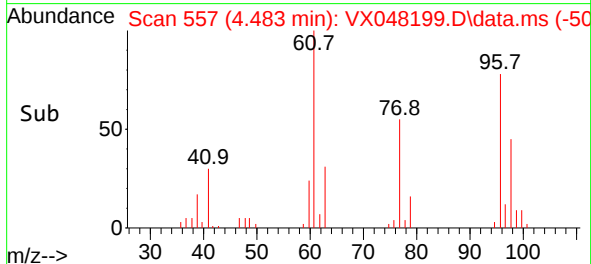
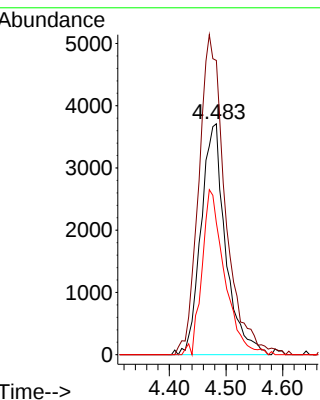
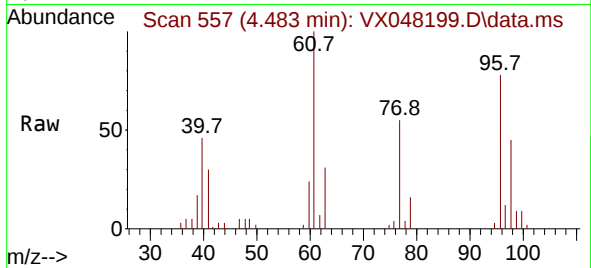
98 65.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#28

Bromochloromethane

Concen: 5.330 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

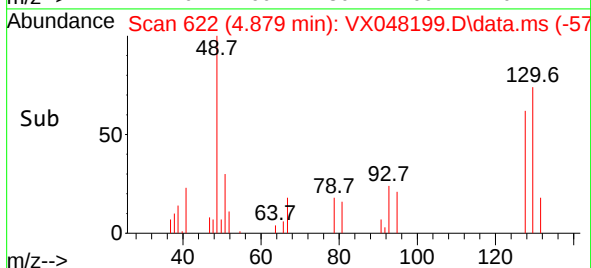
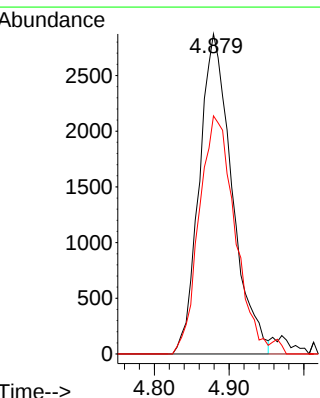
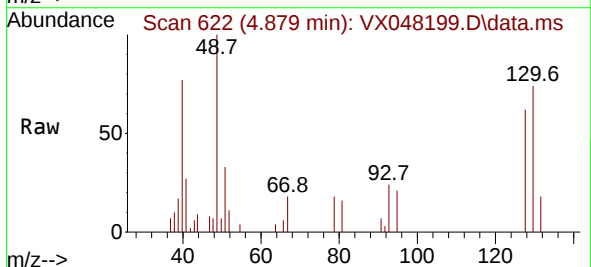
Tgt Ion: 49 Resp: 8746

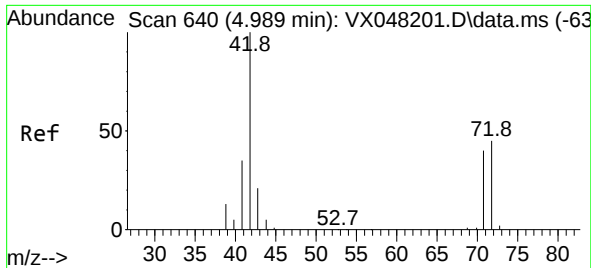
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 80.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 24.625 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 13689

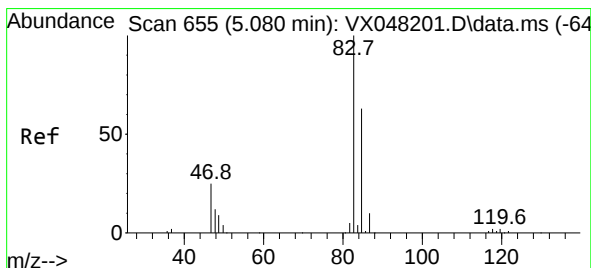
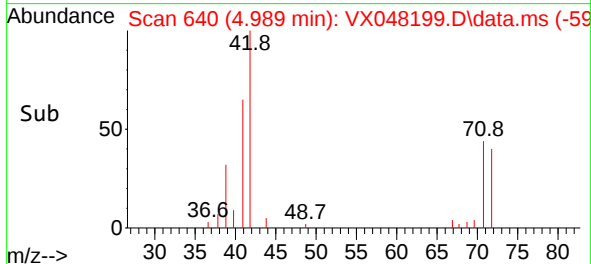
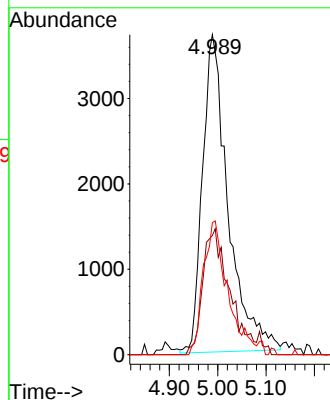
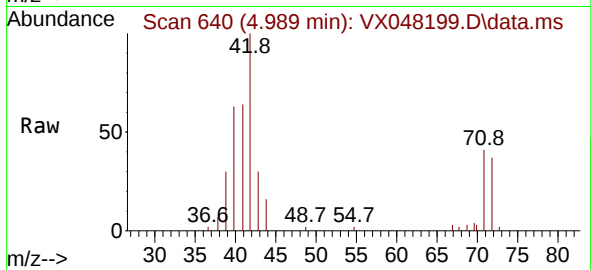
Ion	Ratio	Lower	Upper
42	100		
72	41.4	35.3	52.9
71	39.7	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#30

Chloroform

Concen: 5.458 ug/l

RT: 5.074 min Scan# 654

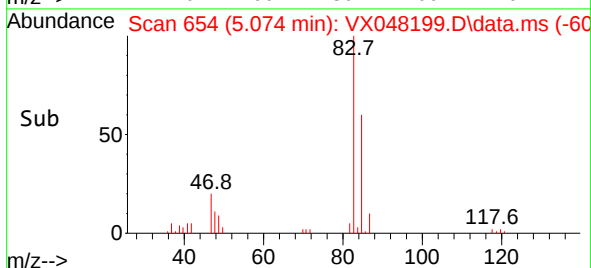
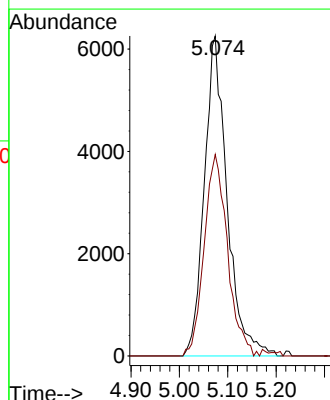
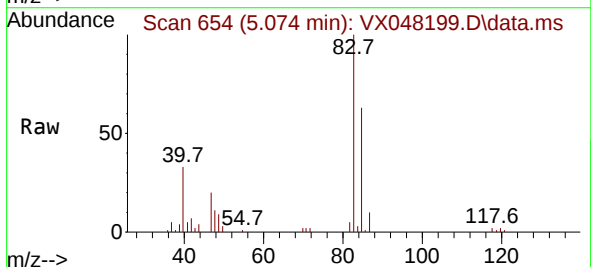
Delta R.T. -0.006 min

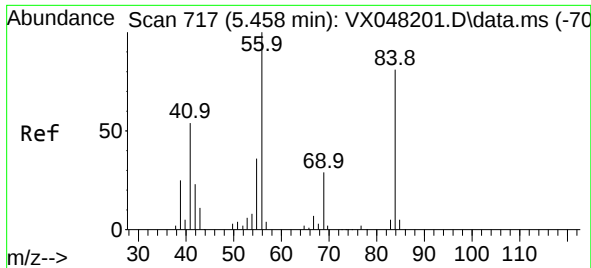
Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Tgt Ion: 83 Resp: 20456

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.1	75.1





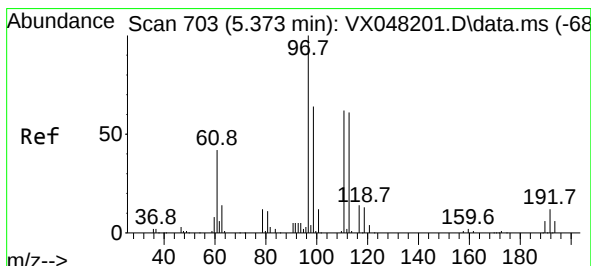
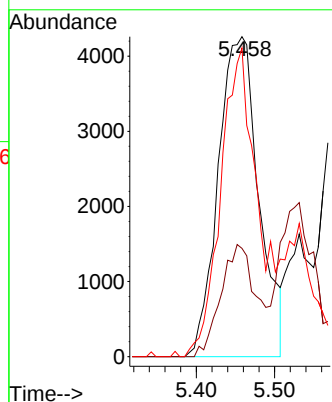
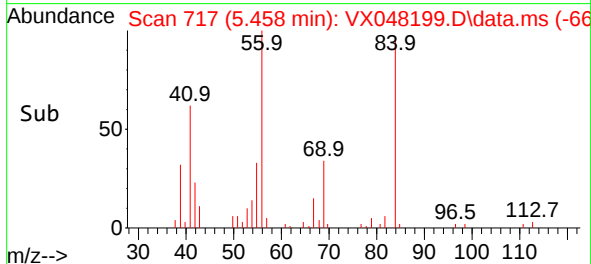
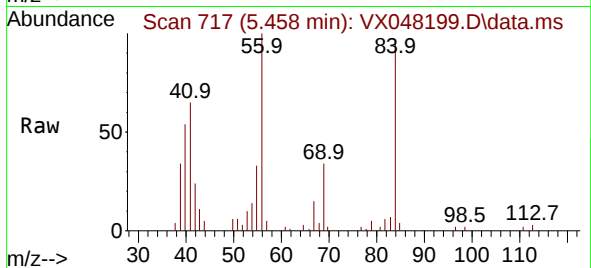
#31
Cyclohexane
Concen: 5.261 ug/l
RT: 5.458 min Scan# 701
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 15324
Ion Ratio Lower Upper
56 100
69 35.7 23.0 34.6
84 96.4 64.6 97.0

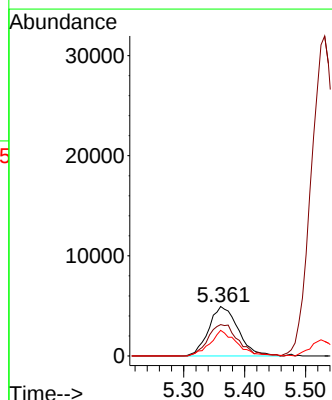
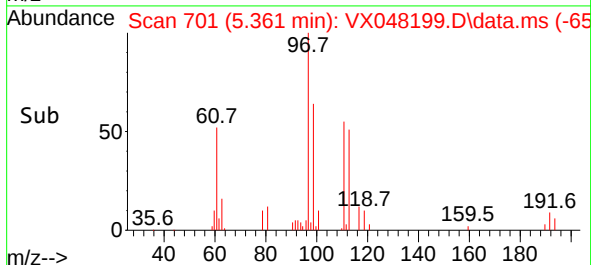
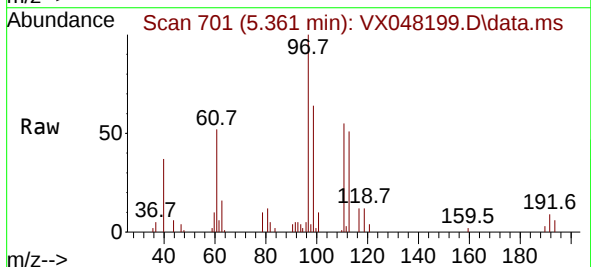
Manual Integrations
APPROVED

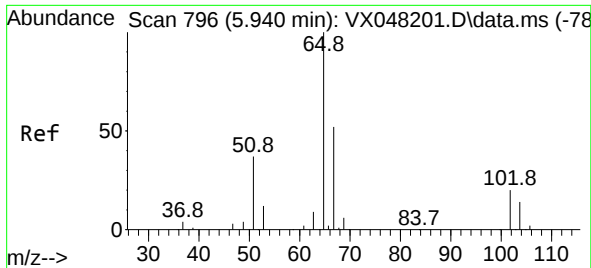
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 5.373 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 97 Resp: 16546
Ion Ratio Lower Upper
97 100
99 65.5 51.7 77.5
61 47.2 34.8 52.2





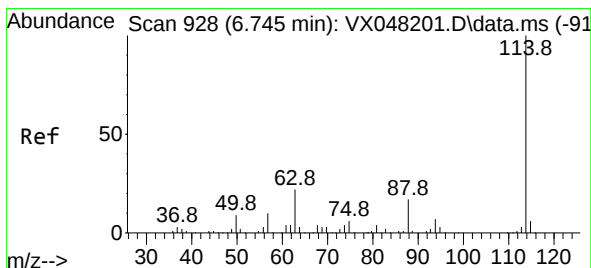
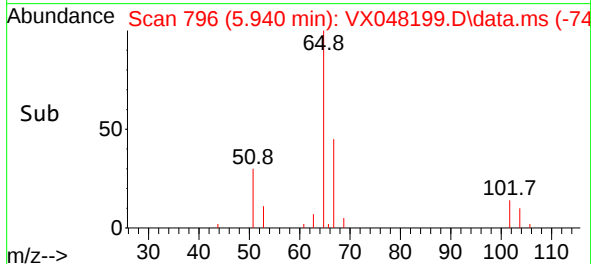
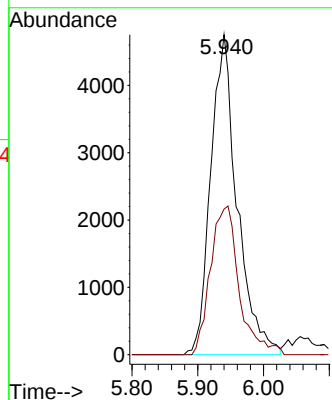
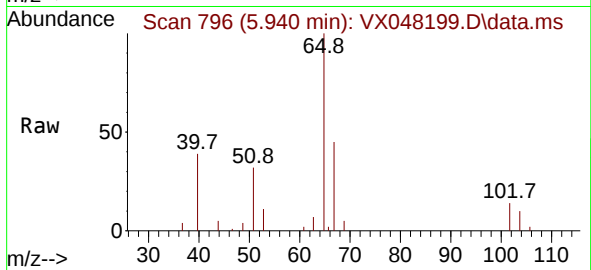
#33
1,2-Dichloroethane-d4
Concen: 5.563 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 13249
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0

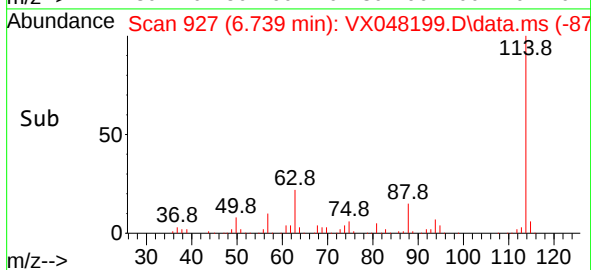
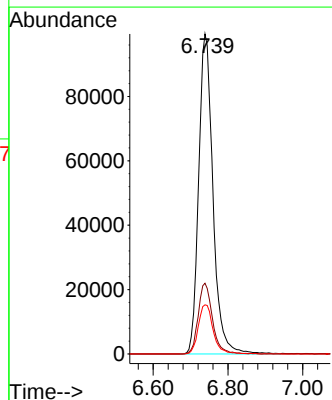
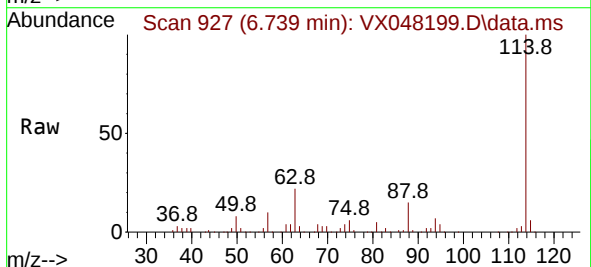
Manual Integrations
APPROVED

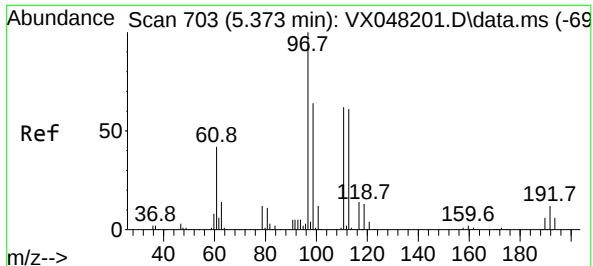
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:114 Resp: 263338
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 15.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 5.376 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

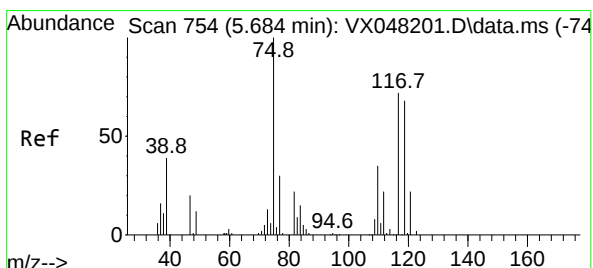
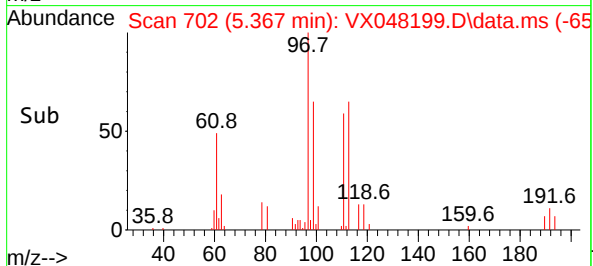
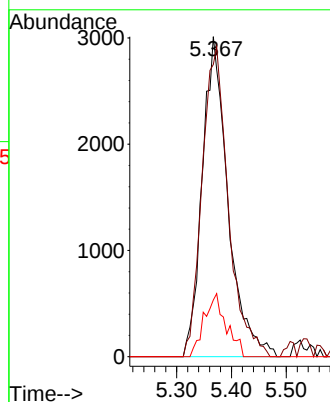
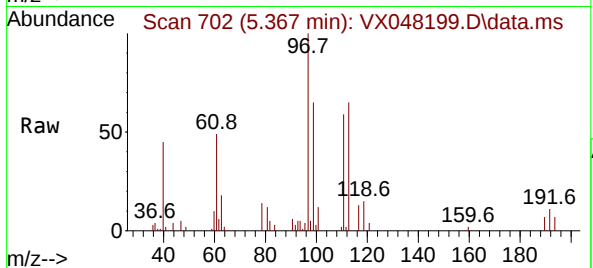
Tgt Ion:	113	Resp:	9820
Ion	Ratio	Lower	Upper
113	100		
111	98.8	82.2	123.4
192	16.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#36

1,1-Dichloropropene

Concen: 5.225 ug/l

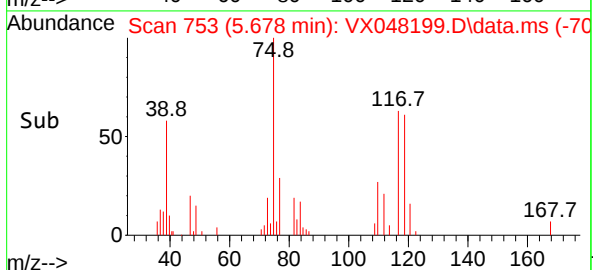
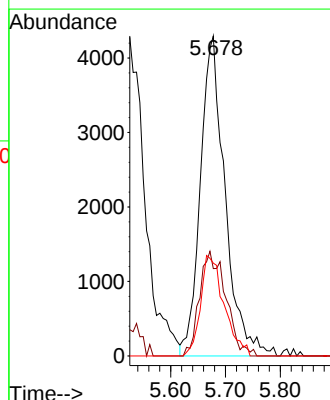
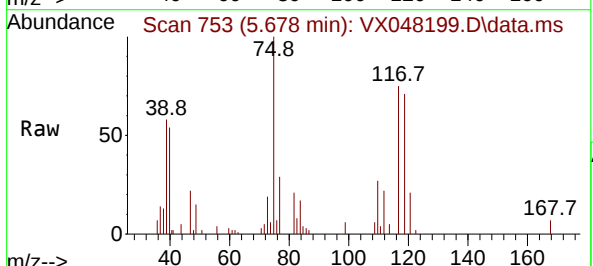
RT: 5.678 min Scan# 753

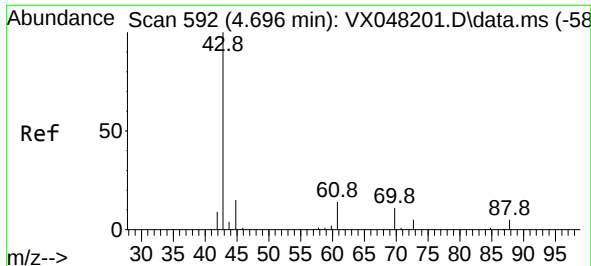
Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Tgt Ion:	75	Resp:	13452
Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.7	53.1
77	29.9	24.3	36.5





#37

Ethyl Acetate

Concen: 4.577 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

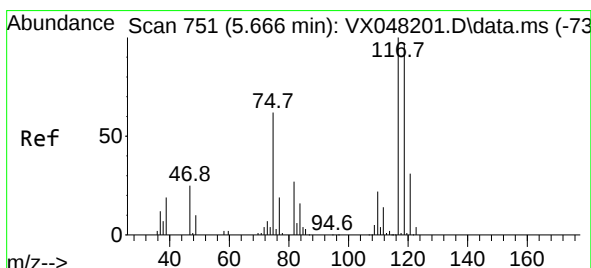
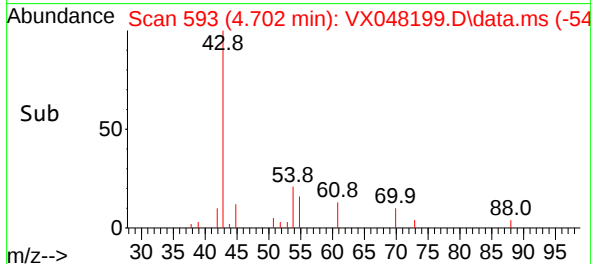
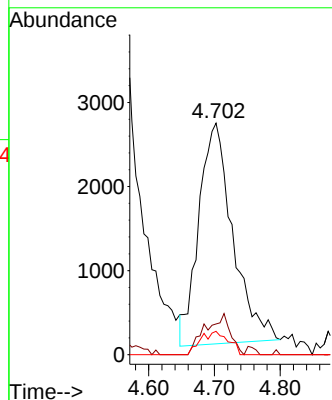
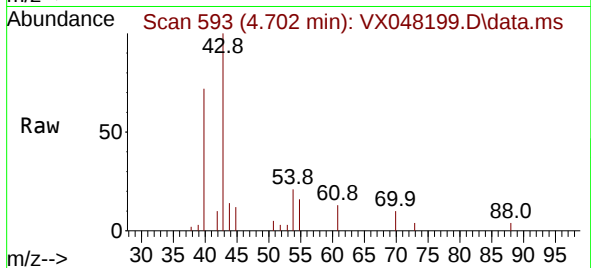
Tgt Ion:	43	Resp:	941
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.6	15.8
70	8.6	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#38

Carbon Tetrachloride

Concen: 5.284 ug/l

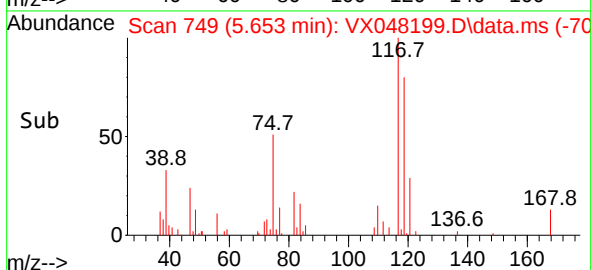
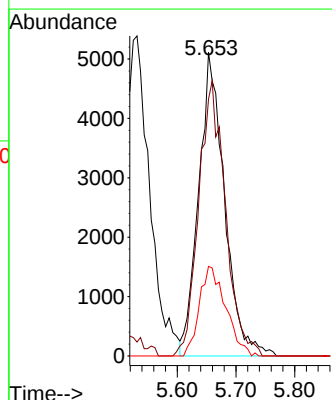
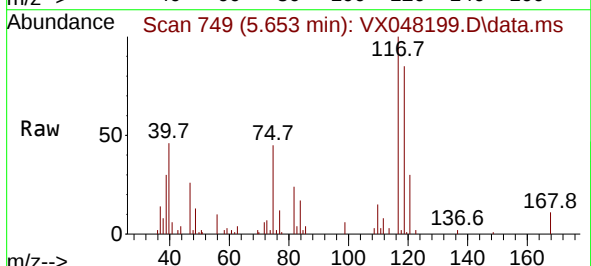
RT: 5.653 min Scan# 749

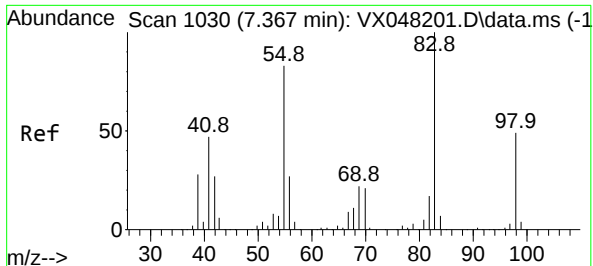
Delta R.T. -0.012 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

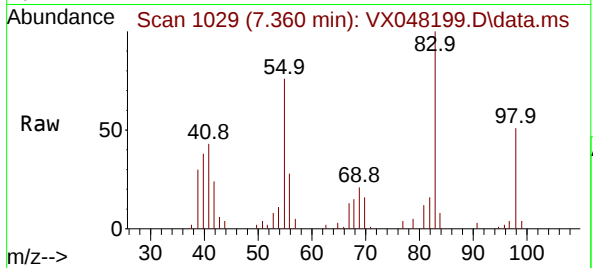
Tgt Ion:	117	Resp:	15616
Ion Ratio	Lower	Upper	
117	100		
119	85.7	77.2	115.8
121	29.5	24.8	37.2





#39
Methylcyclohexane
Concen: 5.084 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

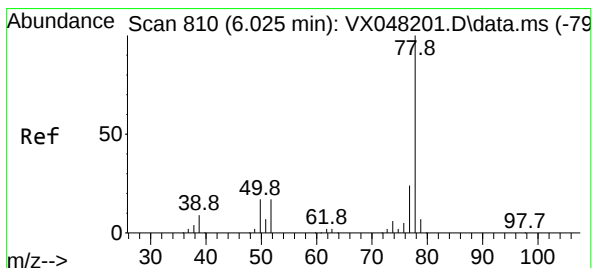
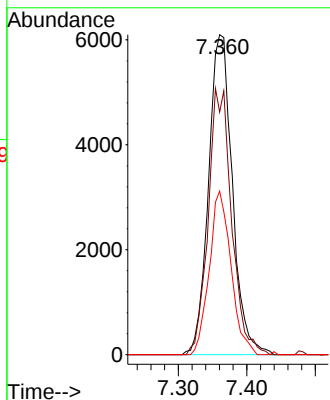
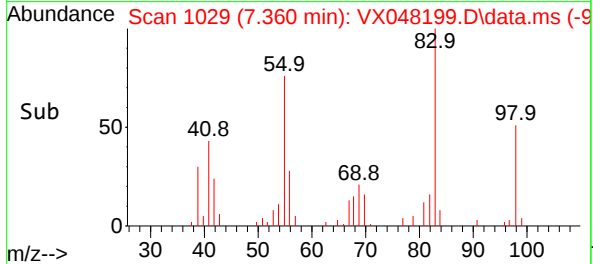
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 1475
Ion Ratio Lower Upper
83 100
55 75.8 66.2 99.2
98 51.1 38.9 58.3

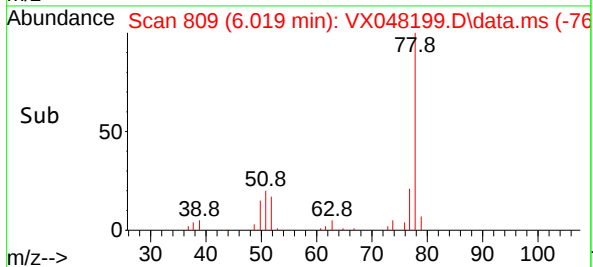
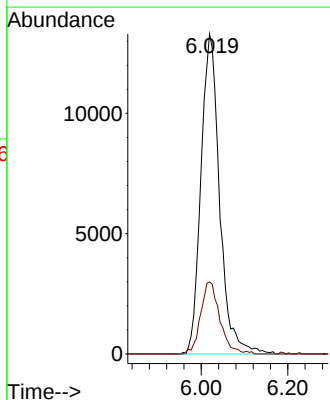
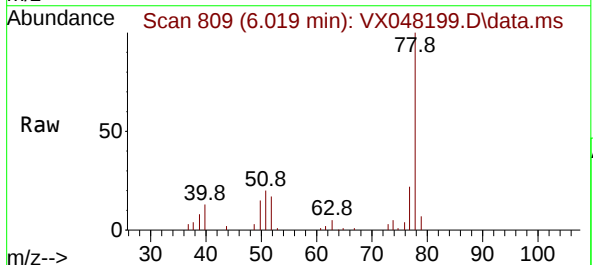
Manual Integrations
APPROVED

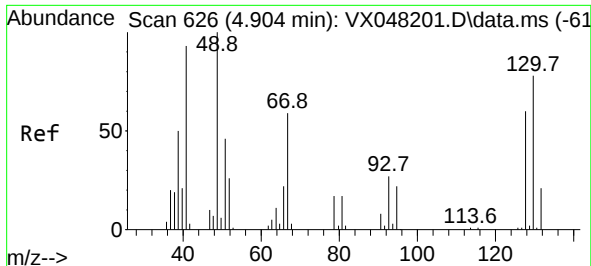
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#40
Benzene
Concen: 5.205 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 78 Resp: 39795
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9





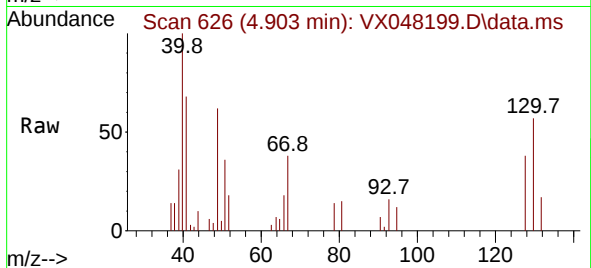
#41
Methacrylonitrile
Concen: 4.801 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



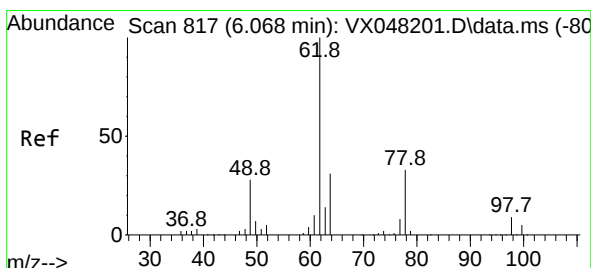
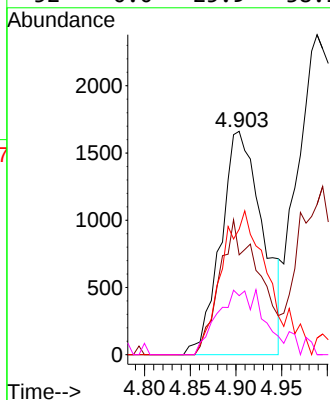
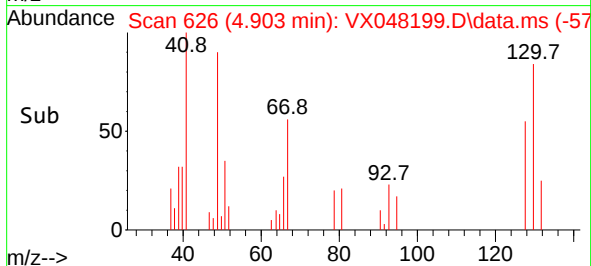
Tgt Ion: 41 Resp: 5290
Ion Ratio Lower Upper
41 100
39 56.9 44.0 66.0
67 72.3 58.7 88.1
52 0.0 25.9 38.9#

Manual Integrations

APPROVED

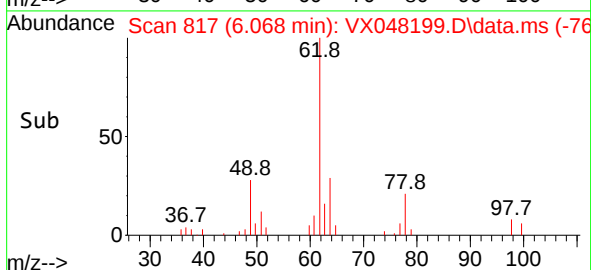
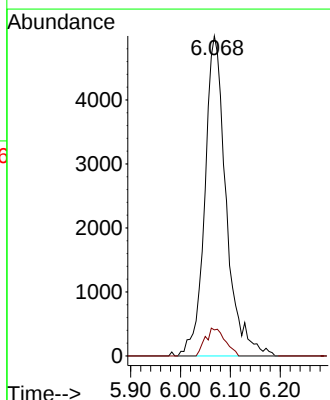
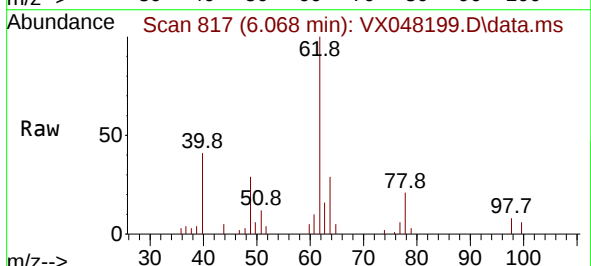
Reviewed By :John Carlone 10/20/2025

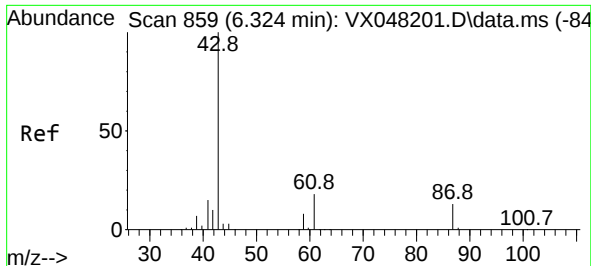
Supervised By :Mahesh Dadoda 10/20/2025



#42
1,2-Dichloroethane
Concen: 5.423 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

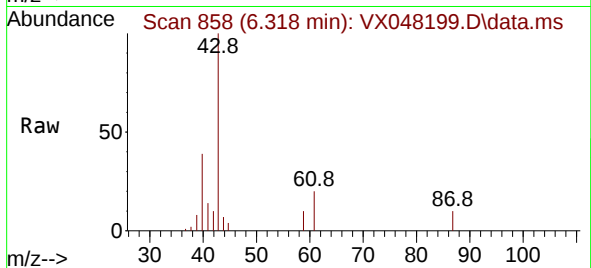
Tgt Ion: 62 Resp: 14854
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.2





#43
Isopropyl Acetate
Concen: 4.778 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

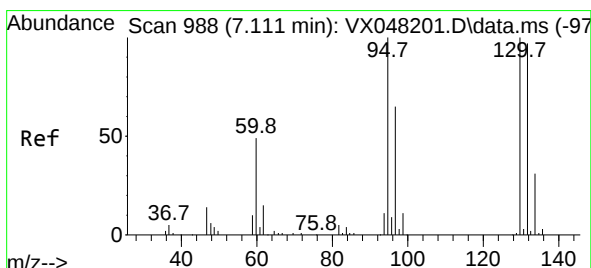
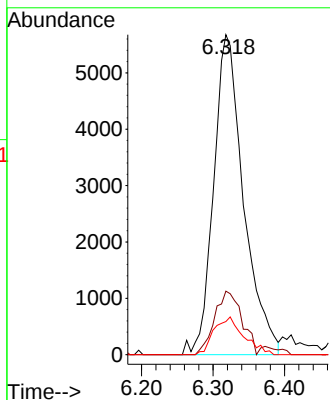
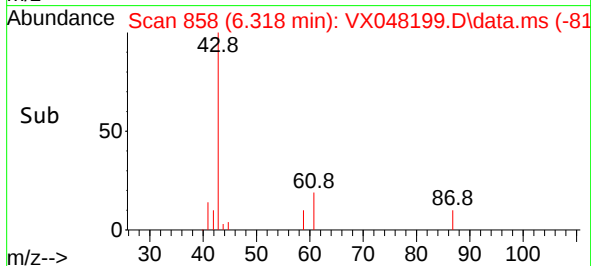
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 16504
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
87 11.7 9.4 14.2

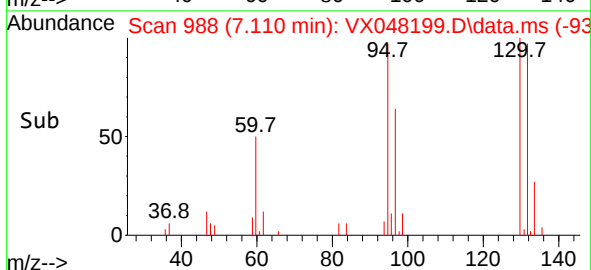
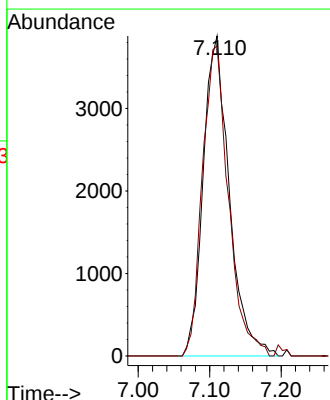
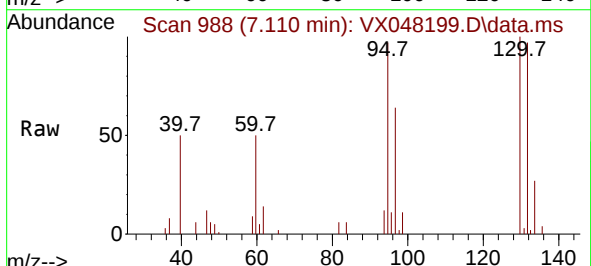
Manual Integrations
APPROVED

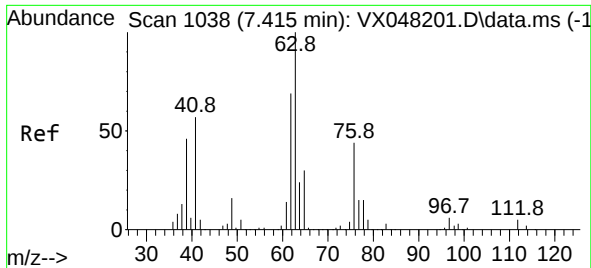
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Trichloroethene
Concen: 5.115 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:130 Resp: 9855
Ion Ratio Lower Upper
130 100
95 108.2 0.0 200.6





#45

1,2-Dichloropropane

Concen: 5.139 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 994

Ion Ratio Lower Upper

63 100

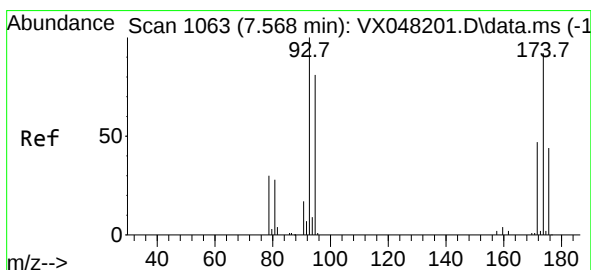
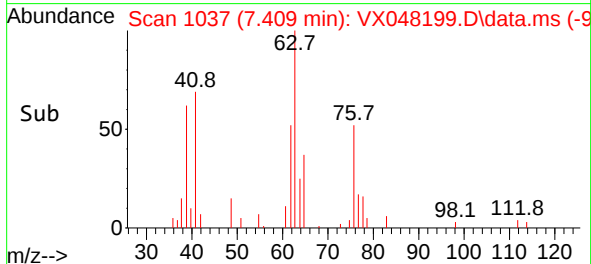
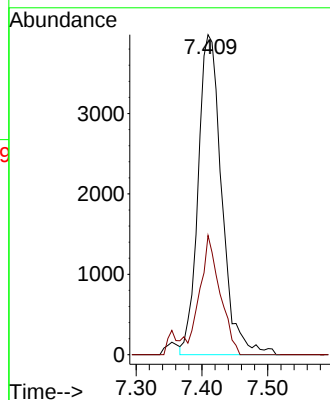
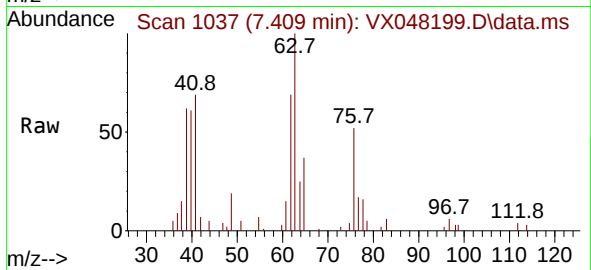
65 37.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#46

Dibromomethane

Concen: 5.203 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

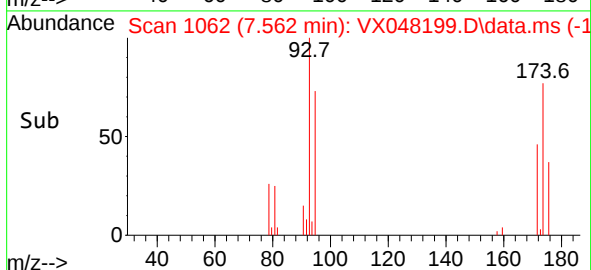
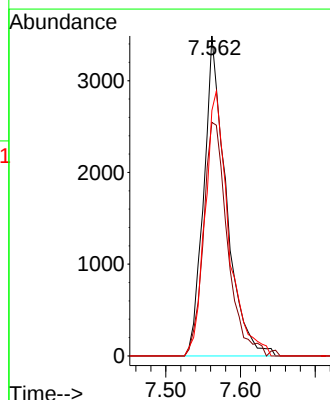
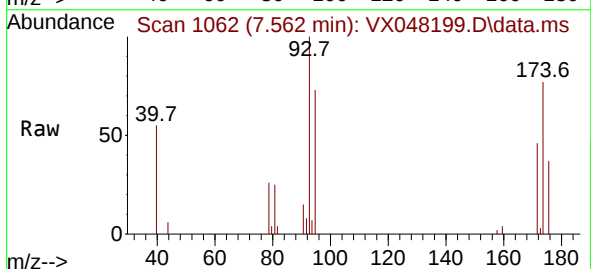
Tgt Ion: 93 Resp: 7243

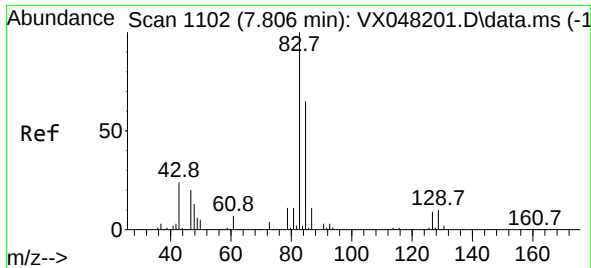
Ion Ratio Lower Upper

93 100

95 78.9 65.9 98.9

174 87.4 71.7 107.5





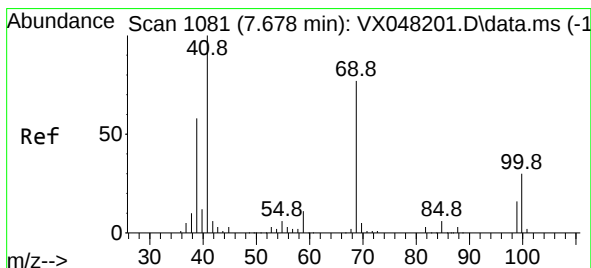
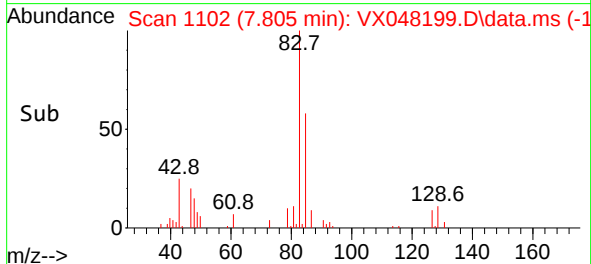
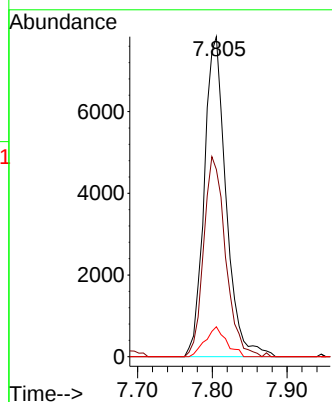
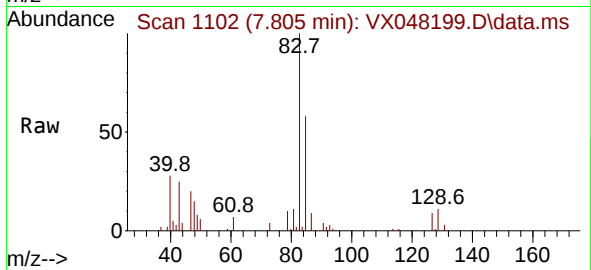
#47
Bromodichloromethane
Concen: 5.268 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1585
Ion Ratio Lower Upper
83 100
85 57.2 52.2 78.4
127 9.1 7.3 10.9

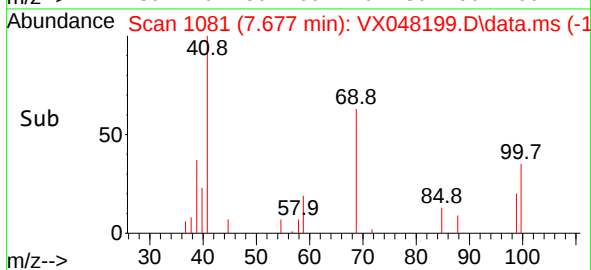
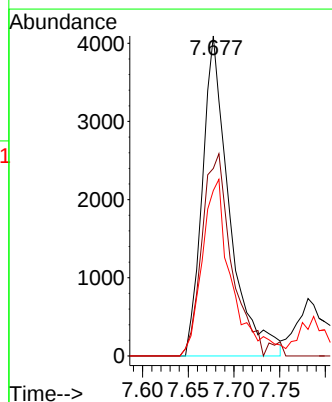
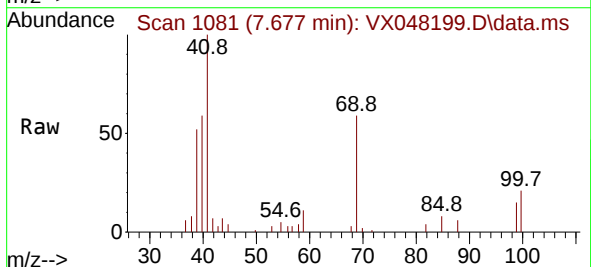
Manual Integrations
APPROVED

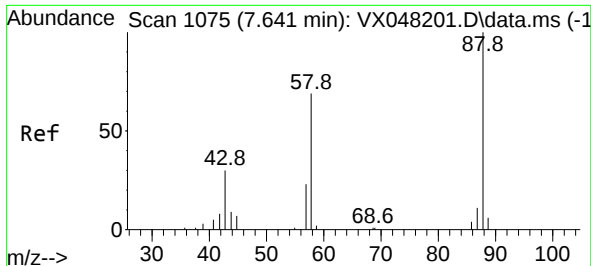
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
Methyl methacrylate
Concen: 4.759 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 41 Resp: 8414
Ion Ratio Lower Upper
41 100
69 68.9 63.4 95.0
39 60.1 47.1 70.7





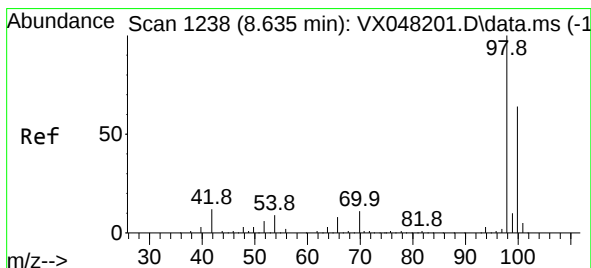
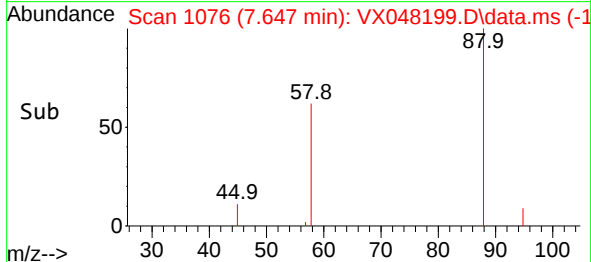
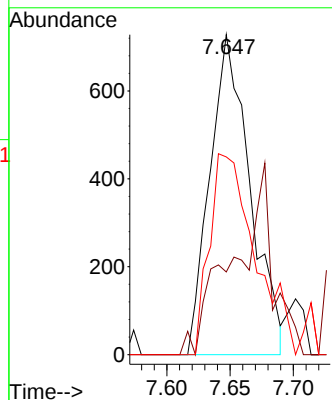
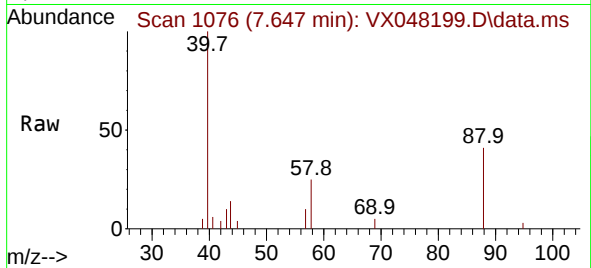
#49
1,4-Dioxane
Concen: 100.719 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
43 0.0 35.0 52.4
58 71.4 61.9 92.9

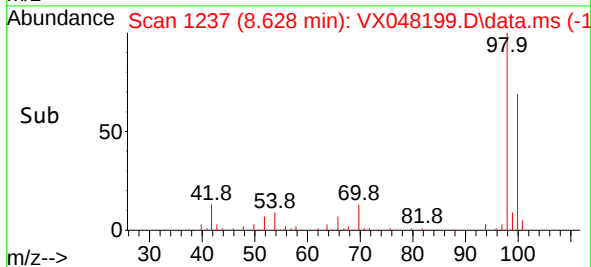
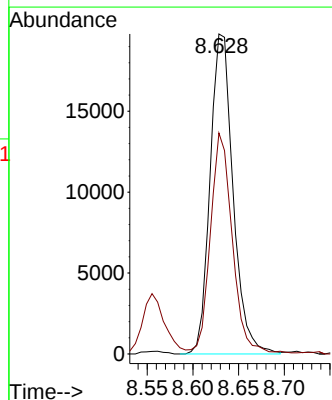
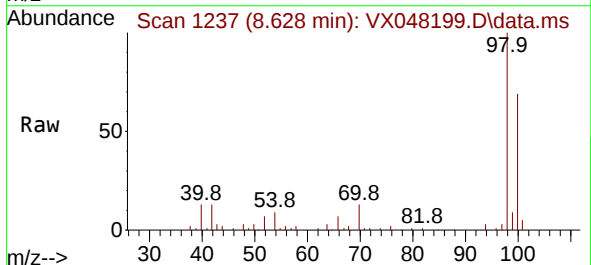
Manual Integrations
APPROVED

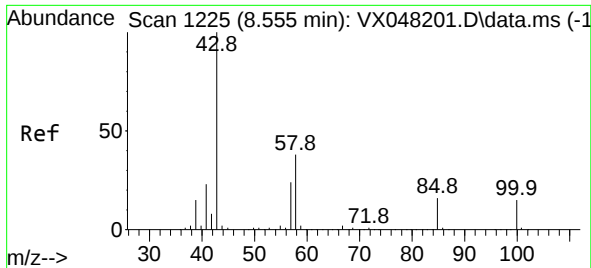
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#50
Toluene-d8
Concen: 5.245 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 98 Resp: 34534
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4





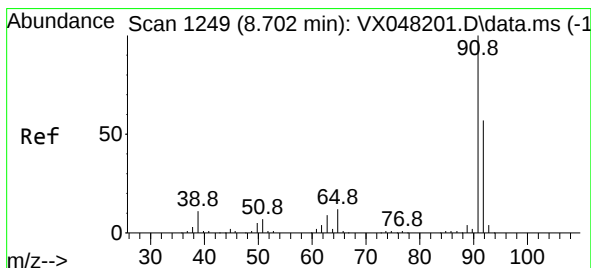
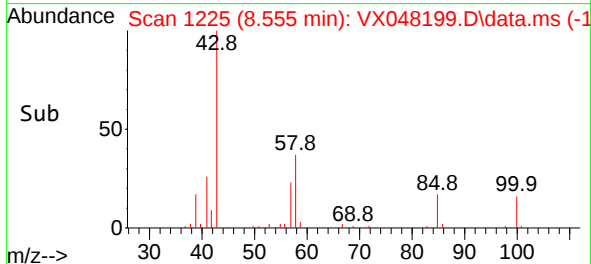
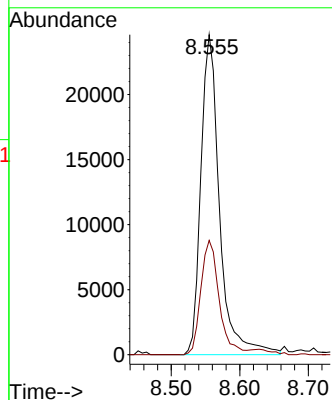
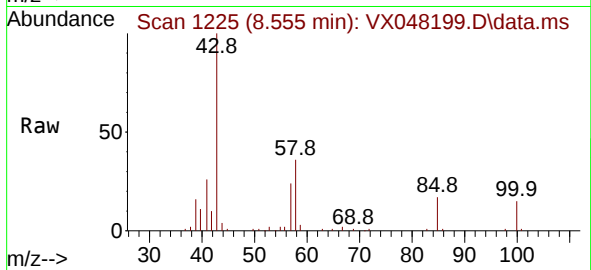
#51
4-Methyl-2-Pentanone
Concen: 24.280 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 46660
Ion Ratio Lower Upper
43 100
58 35.1 29.5 44.3

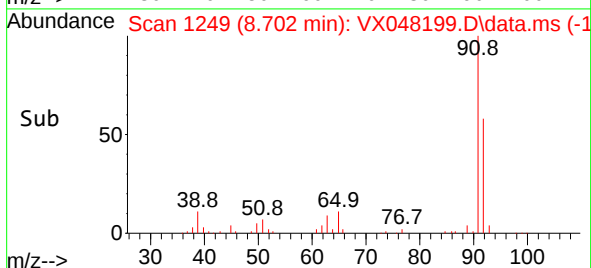
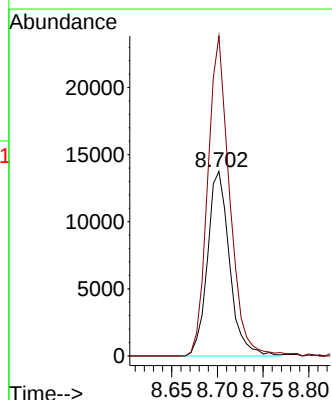
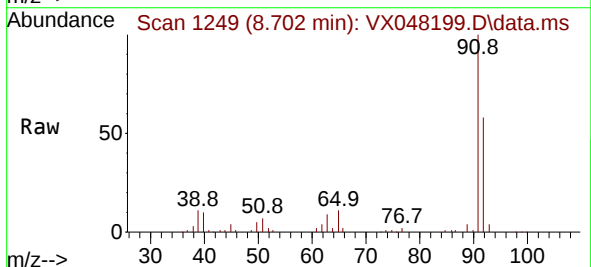
Manual Integrations
APPROVED

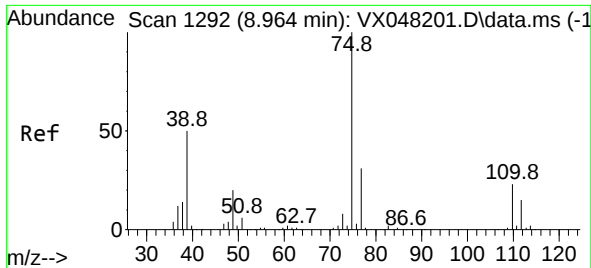
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
Toluene
Concen: 5.010 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 92 Resp: 23020
Ion Ratio Lower Upper
92 100
91 172.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 4.799 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 13520

Ion Ratio Lower Upper

75 100

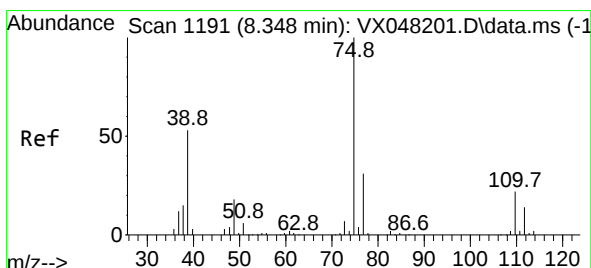
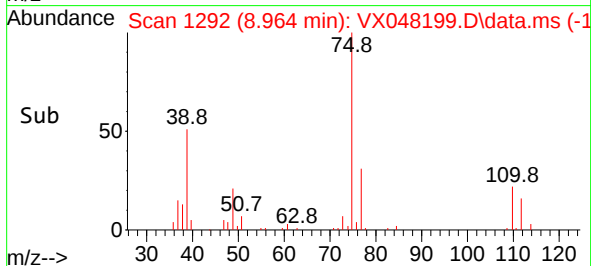
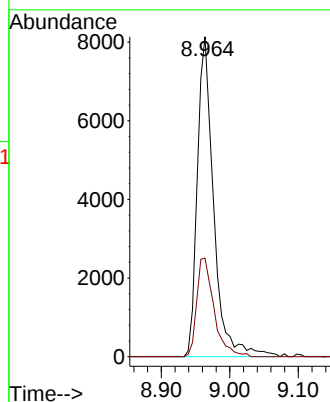
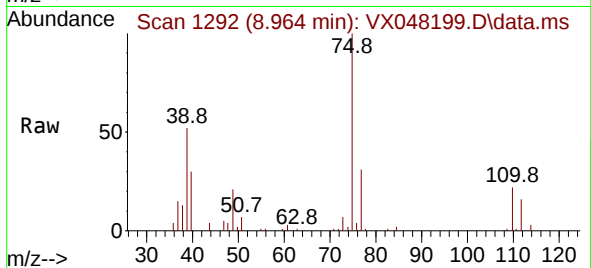
77 30.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#54

cis-1,3-Dichloropropene

Concen: 5.049 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

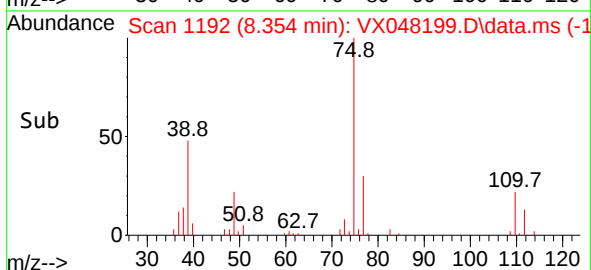
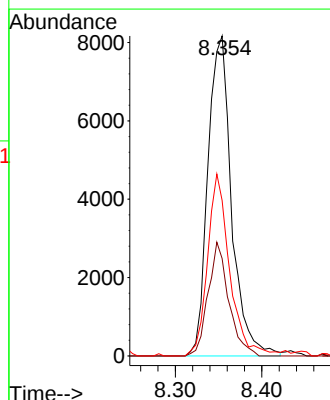
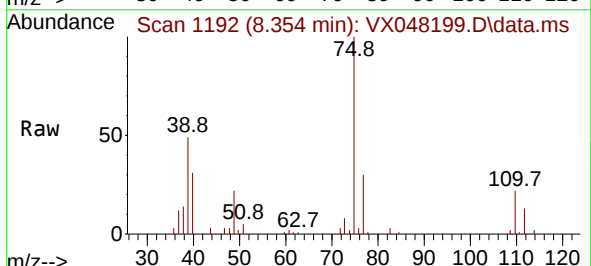
Tgt Ion: 75 Resp: 15513

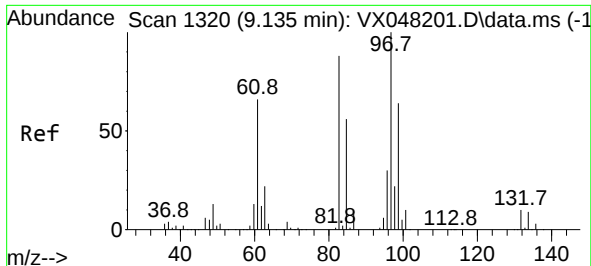
Ion Ratio Lower Upper

75 100

77 30.4 24.9 37.3

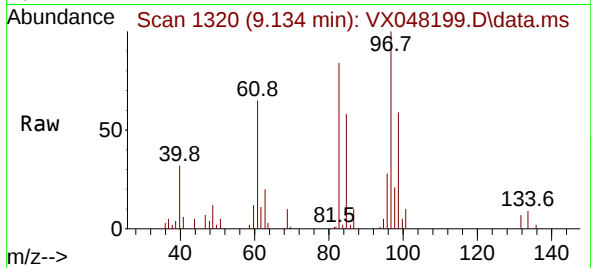
39 22.8 42.6 64.0#





#55
1,1,2-Trichloroethane
Concen: 5.297 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

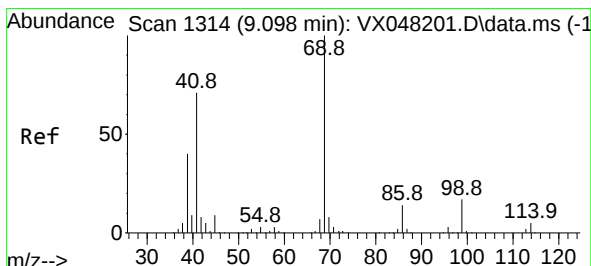
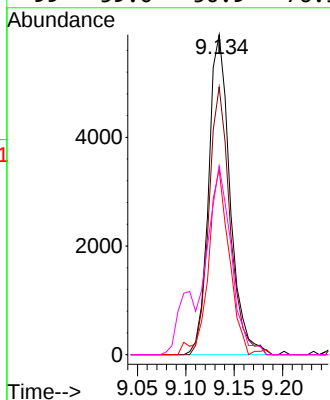
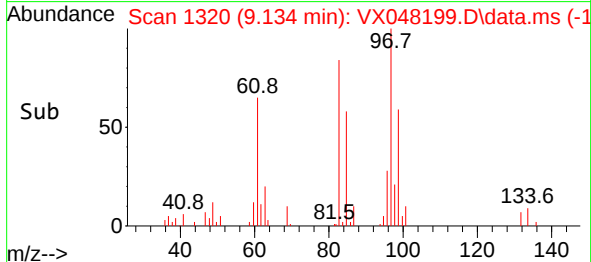
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.6	105.8
85	58.0	45.0	67.6
99	59.0	50.9	76.3

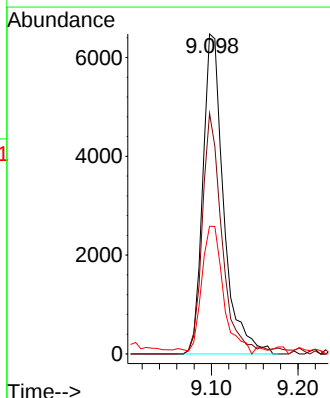
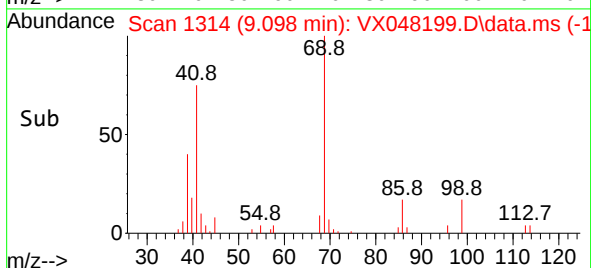
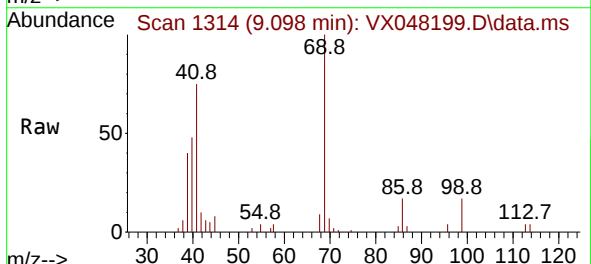
Manual Integrations
APPROVED

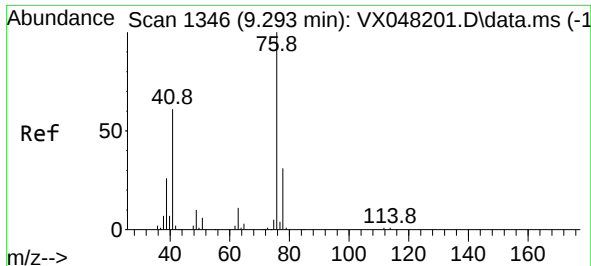
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#56
Ethyl methacrylate
Concen: 4.629 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.0	84.0
39	41.6	31.6	47.4





#57

1,3-Dichloropropane

Concen: 5.234 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 15679

Ion Ratio Lower Upper

76 100

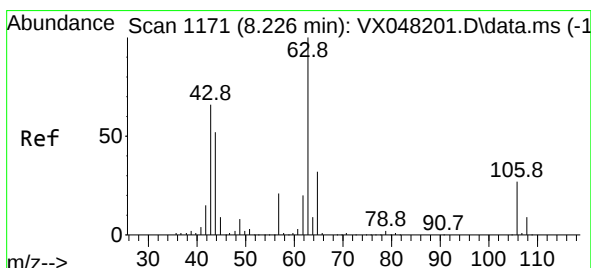
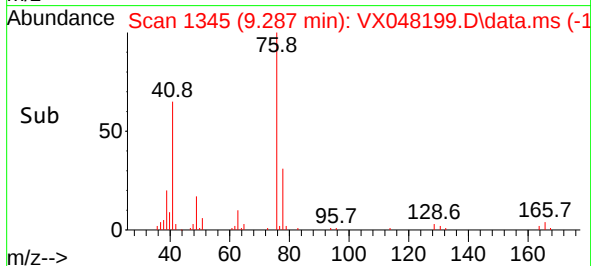
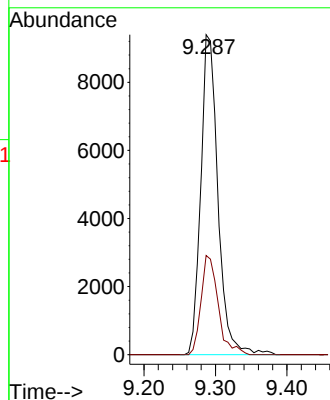
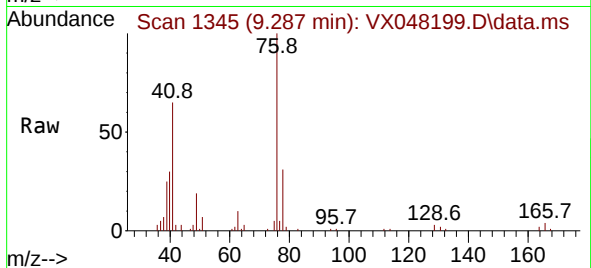
78 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 30.551 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048199.D

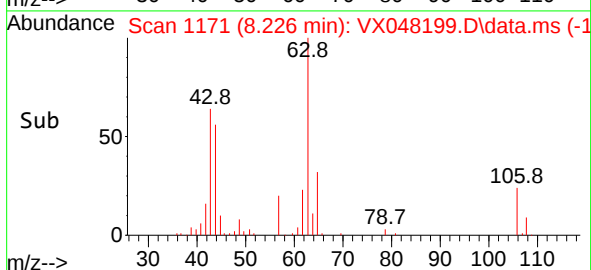
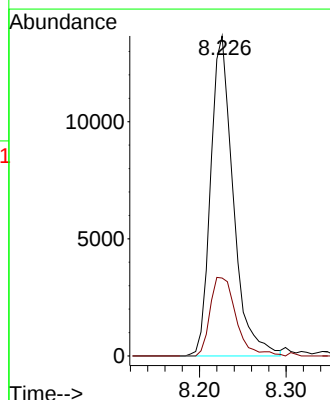
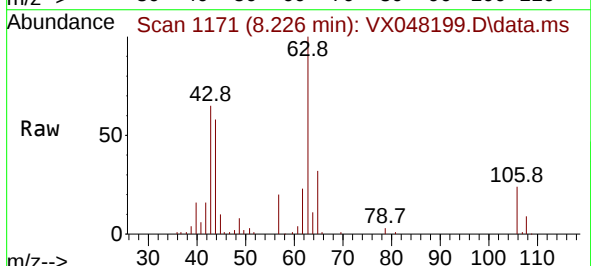
Acq: 17 Oct 2025 09:14

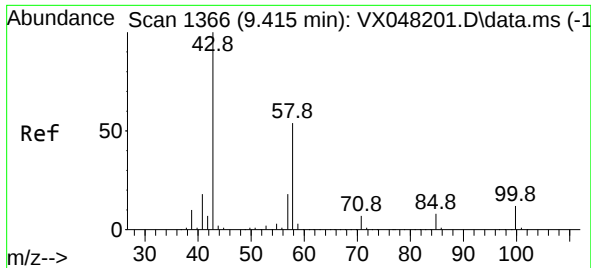
Tgt Ion: 63 Resp: 24721

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





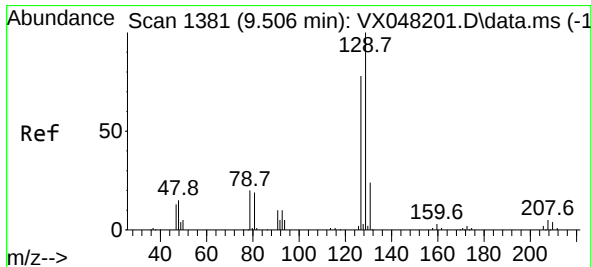
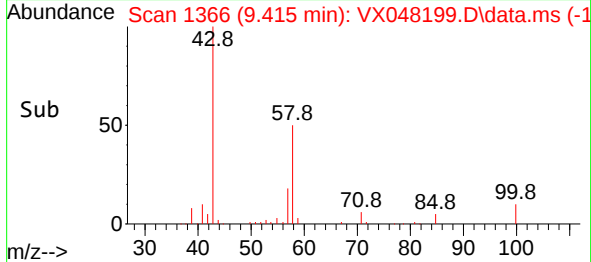
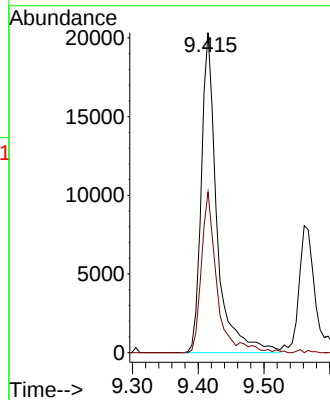
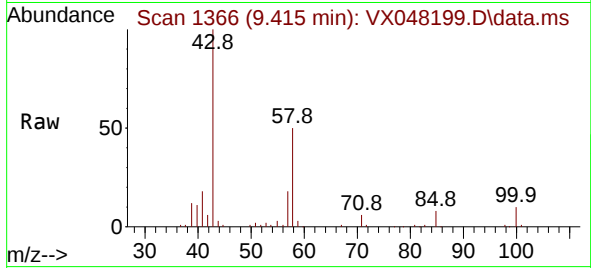
#59
2-Hexanone
Concen: 24.963 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
58 50.0 26.3 78.8

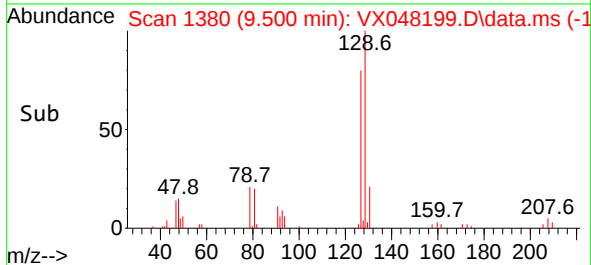
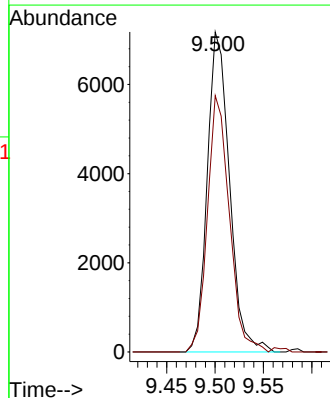
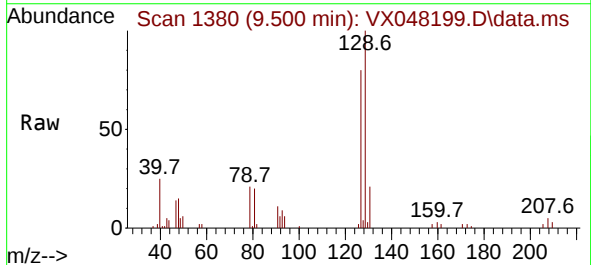
Manual Integrations
APPROVED

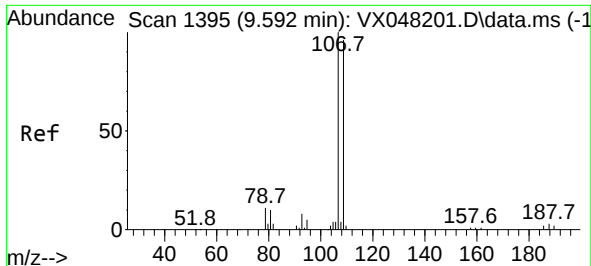
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
Dibromochloromethane
Concen: 5.352 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

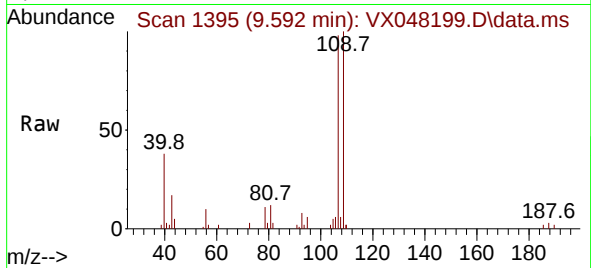
Tgt Ion:129 Resp: 11485
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 5.089 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

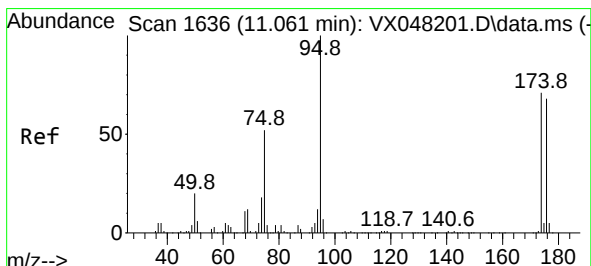
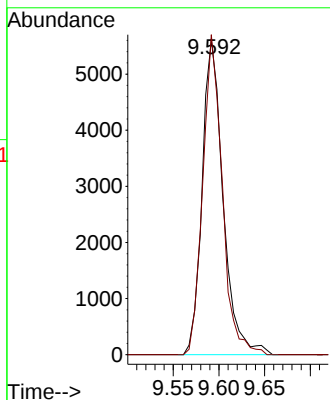
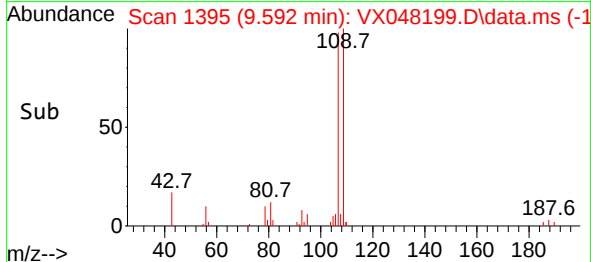
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 894
Ion Ratio Lower Upper
107 100
109 94.5 77.0 115.4

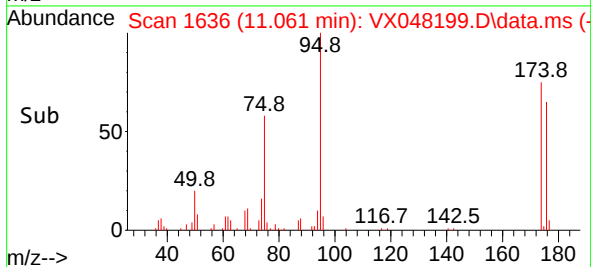
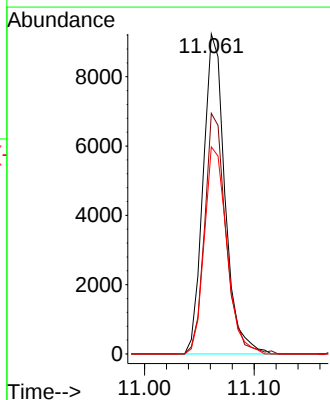
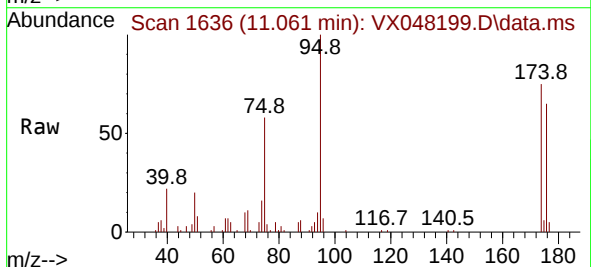
Manual Integrations
APPROVED

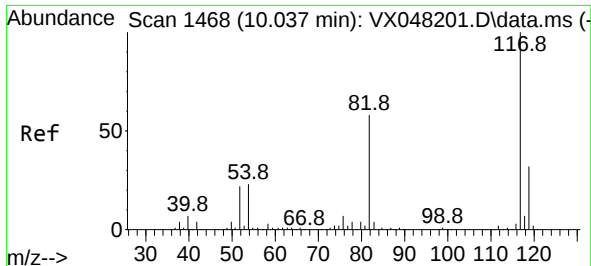
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#62
4-Bromofluorobenzene
Concen: 5.294 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

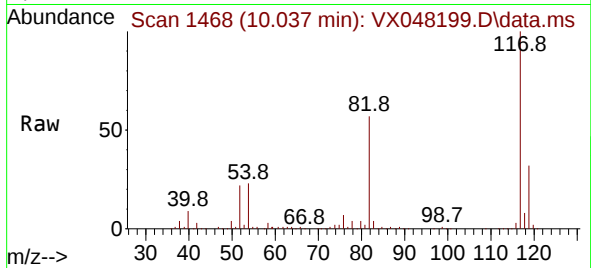
Tgt Ion: 95 Resp: 12695
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 67.0 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

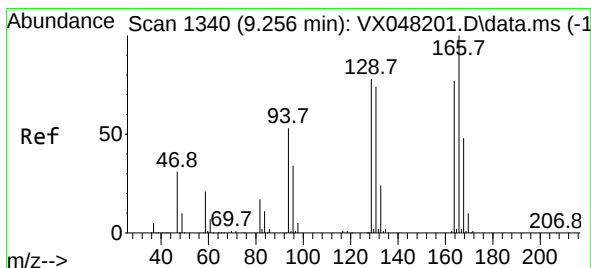
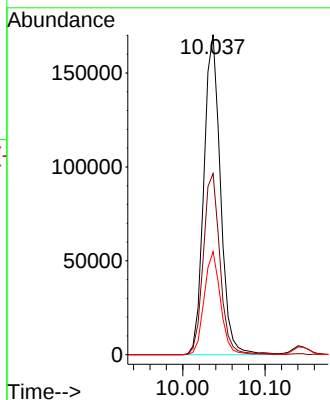
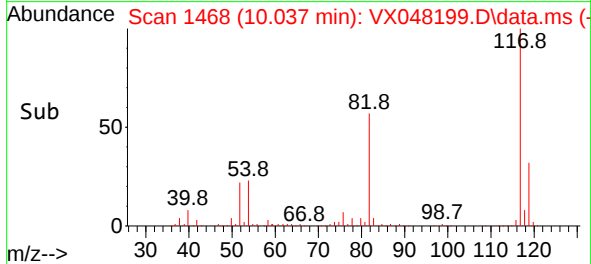
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 239392
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 32.2 25.9 38.9

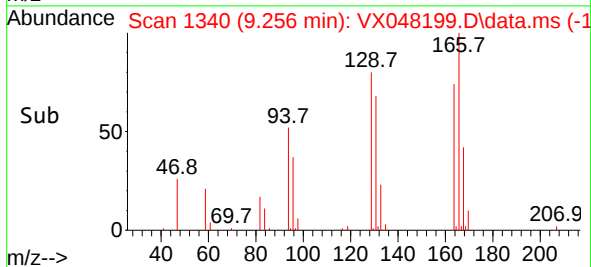
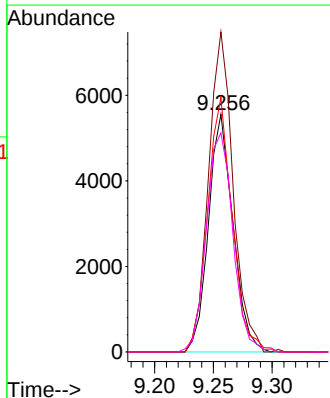
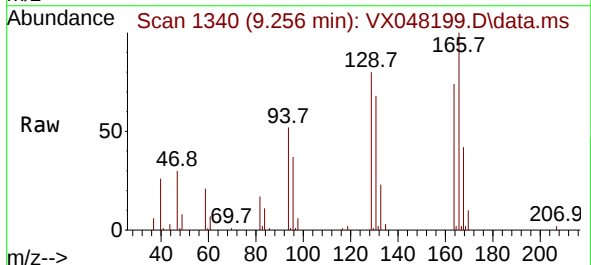
Manual Integrations
APPROVED

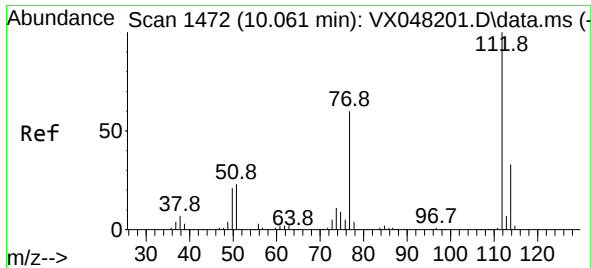
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Tetrachloroethene
Concen: 4.807 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:164 Resp: 8068
Ion Ratio Lower Upper
164 100
166 130.7 104.5 156.7
129 104.0 81.8 122.6
131 89.6 77.0 115.6





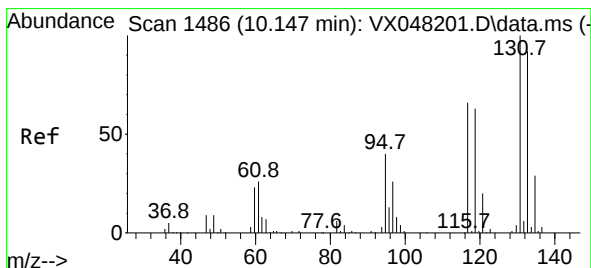
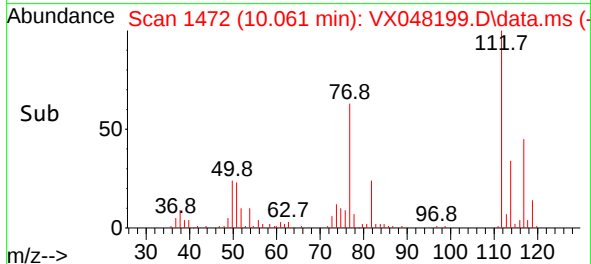
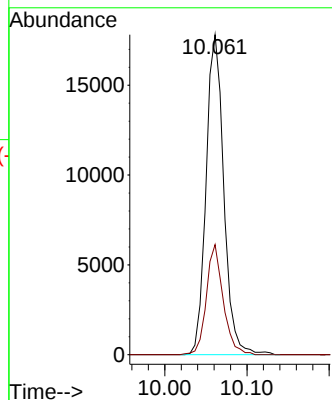
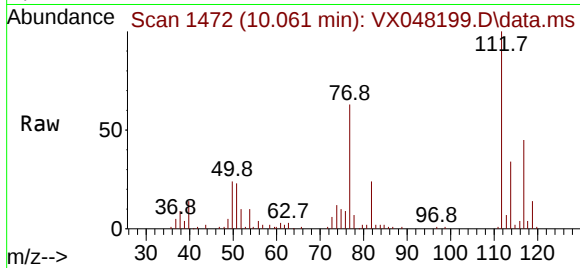
#65
Chlorobenzene
Concen: 5.091 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2664
Ion Ratio Lower Upper
112 100
114 34.4 26.2 39.2

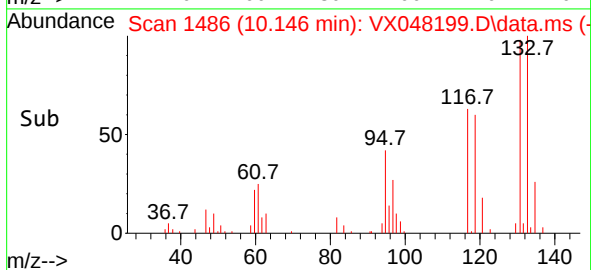
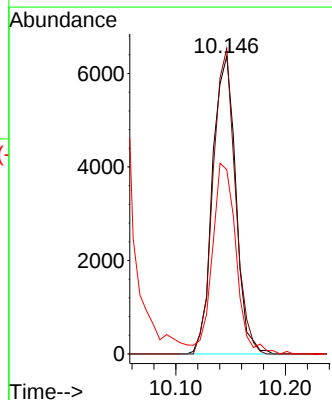
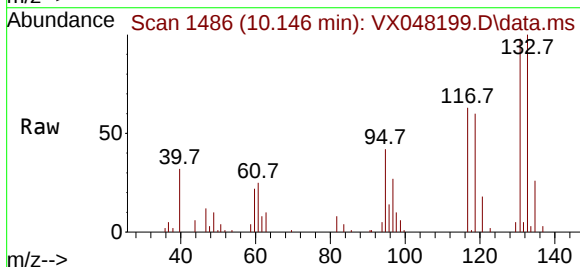
Manual Integrations
APPROVED

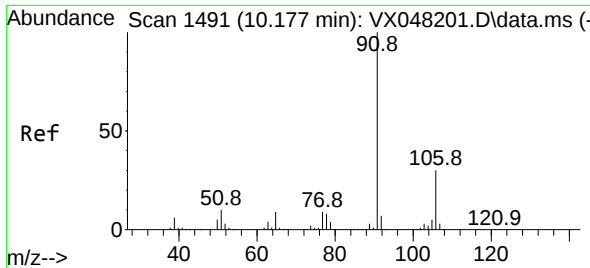
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.961 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:131 Resp: 9358
Ion Ratio Lower Upper
131 100
133 98.5 47.6 142.8
119 65.2 32.5 97.5





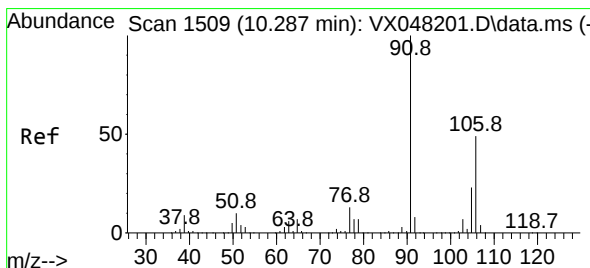
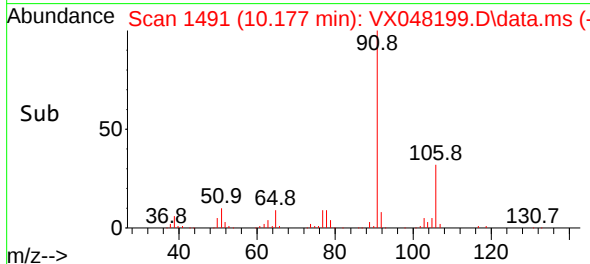
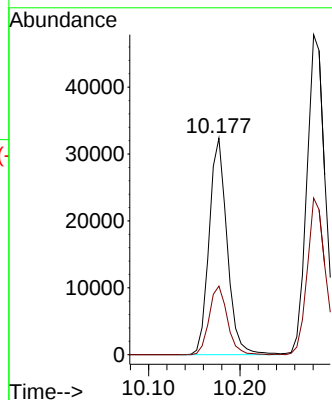
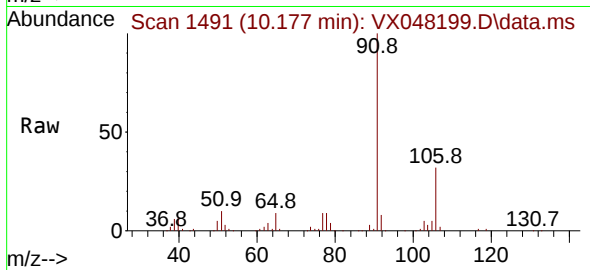
#67
Ethyl Benzene
Concen: 4.927 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 44215
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.6

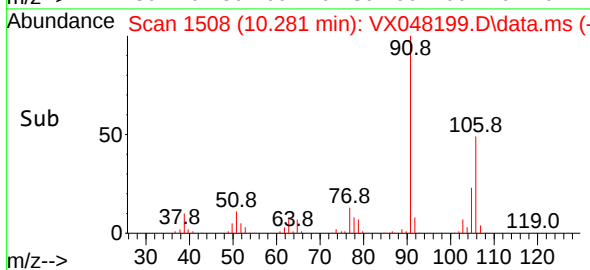
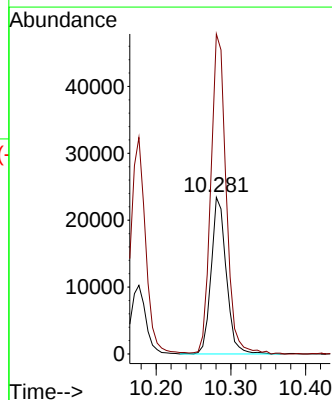
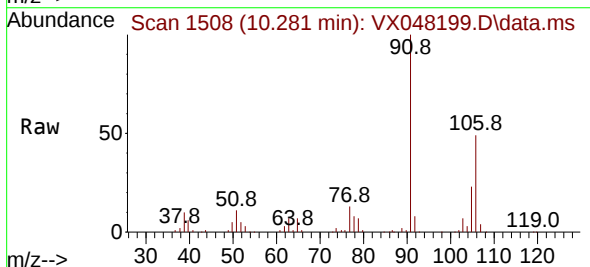
Manual Integrations
APPROVED

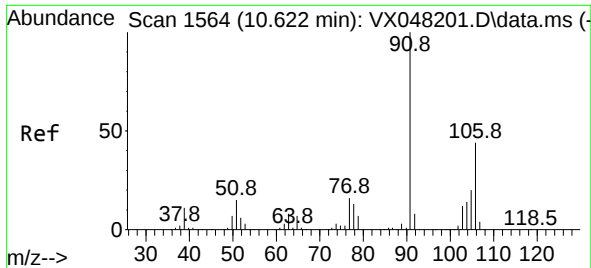
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#68
m/p-Xylenes
Concen: 9.839 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:106 Resp: 32891
Ion Ratio Lower Upper
106 100
91 207.5 167.9 251.9





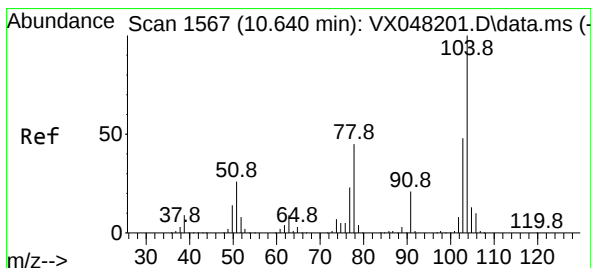
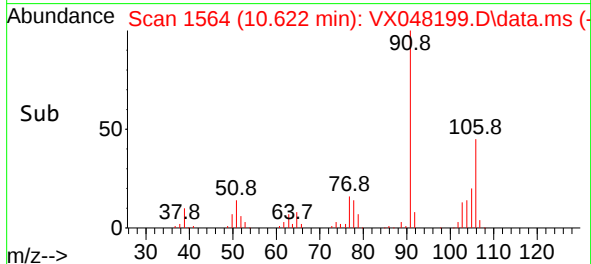
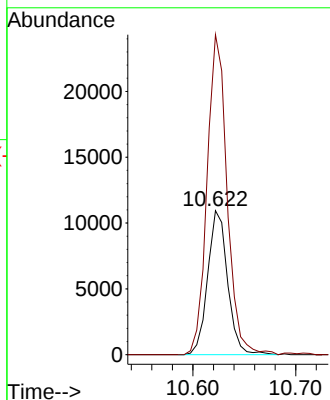
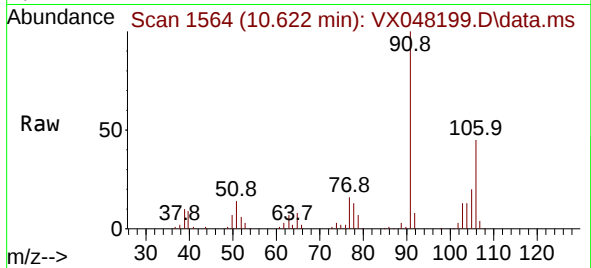
#69
o-Xylene
Concen: 4.681 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 14730
Ion Ratio Lower Upper
106 100
91 223.2 111.3 333.9

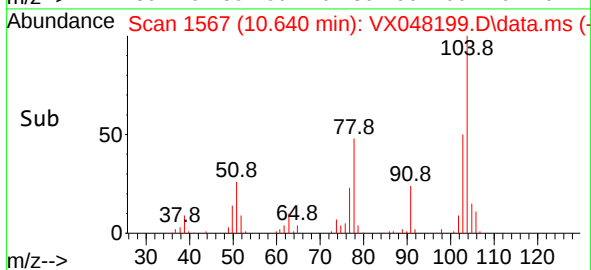
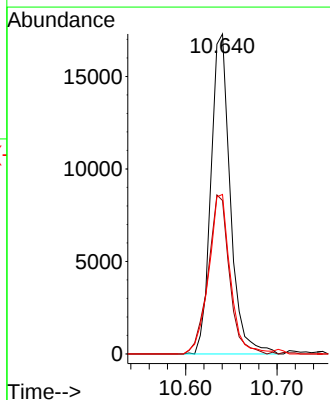
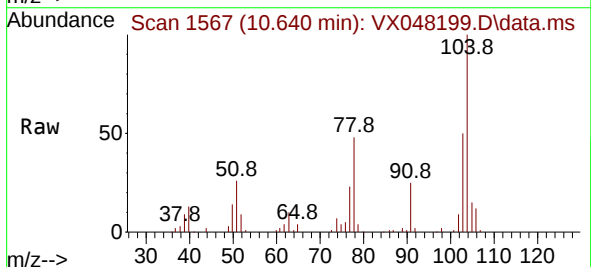
Manual Integrations
APPROVED

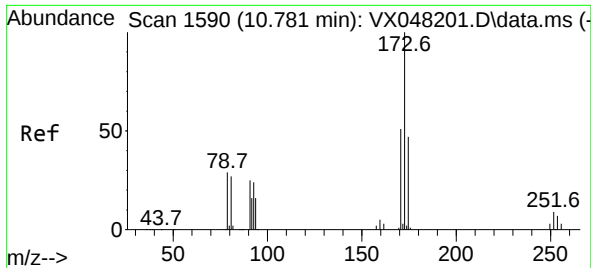
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#70
Styrene
Concen: 4.712 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

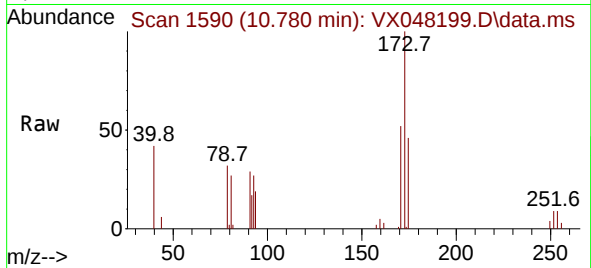
Tgt Ion:104 Resp: 25526
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.4
103 55.7 43.0 64.4





#71
Bromoform
Concen: 5.135 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

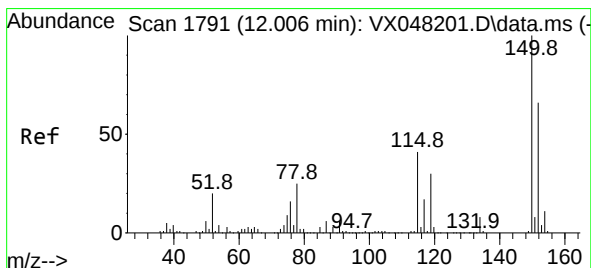
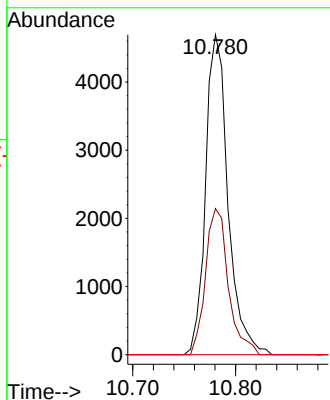
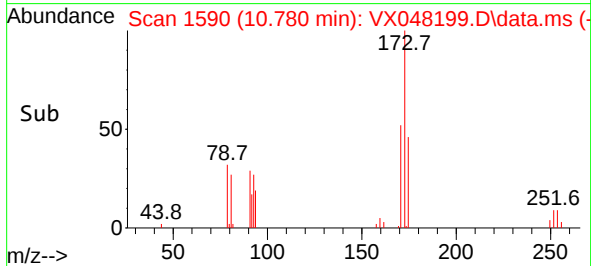
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



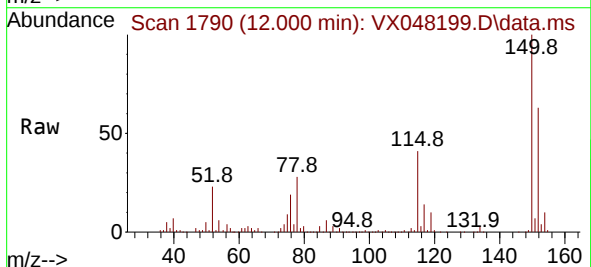
Tgt Ion:173 Resp: 711
Ion Ratio Lower Upper
173 100
175 46.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

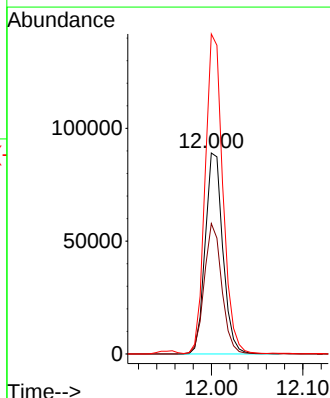
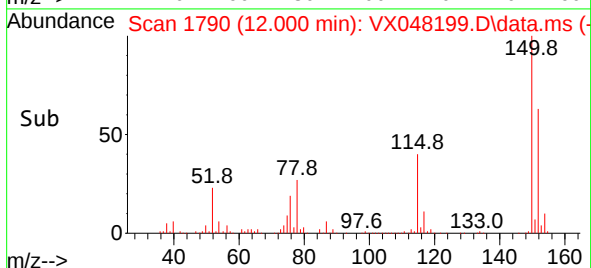
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

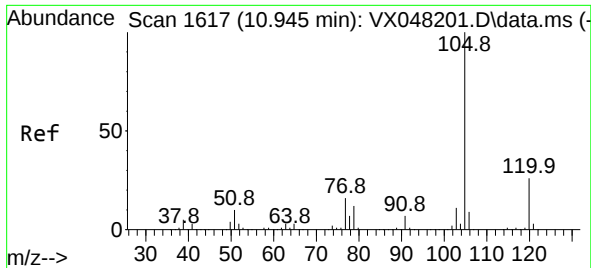


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14



Tgt Ion:152 Resp: 119256
Ion Ratio Lower Upper
152 100
115 64.5 43.1 129.4
150 158.4 0.0 353.0





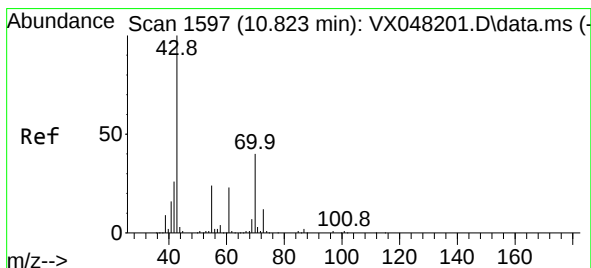
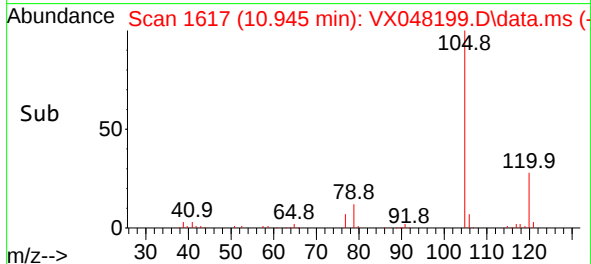
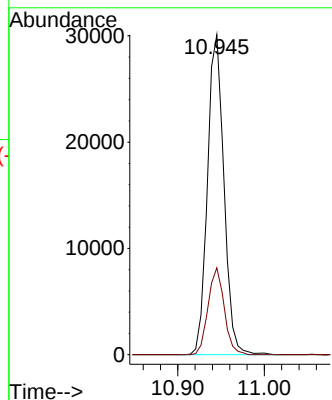
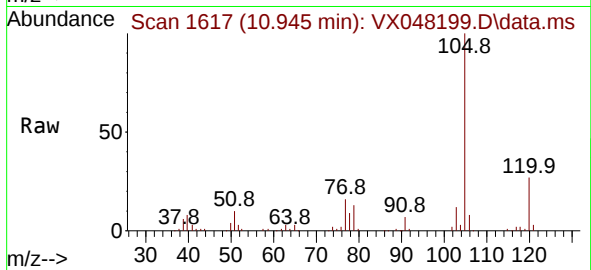
#73
Isopropylbenzene
Concen: 4.792 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 39744
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

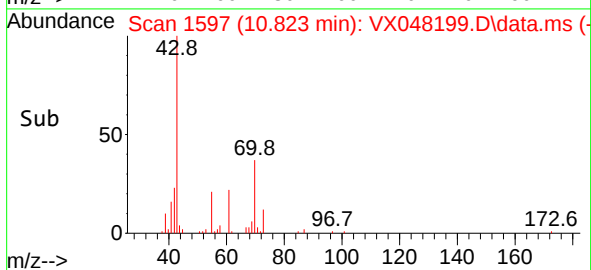
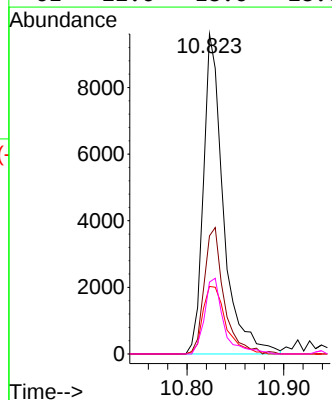
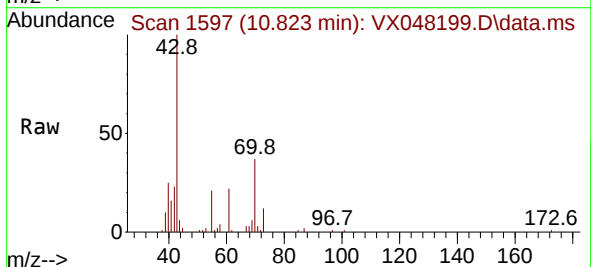
Manual Integrations
APPROVED

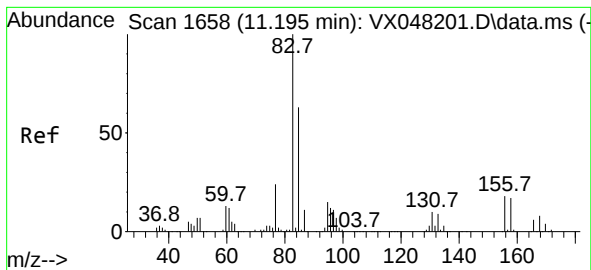
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#74
N-ethyl acetate
Concen: 4.475 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

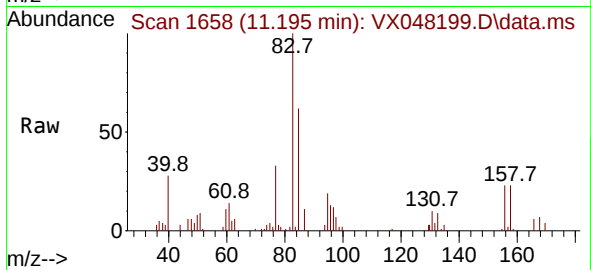
Tgt Ion: 43 Resp: 13847
Ion Ratio Lower Upper
43 100
70 39.1 32.2 48.2
55 24.4 19.1 28.7
61 22.6 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 4.798 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

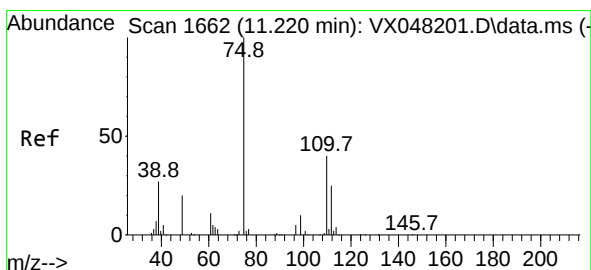
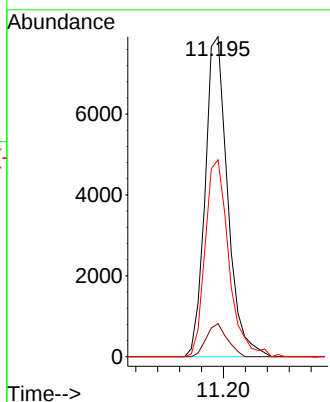
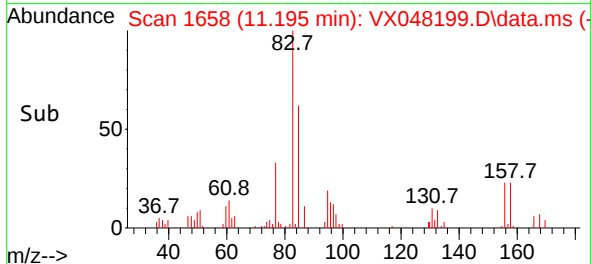
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 1127
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.8 31.9 95.7

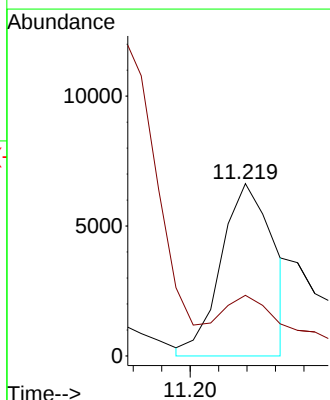
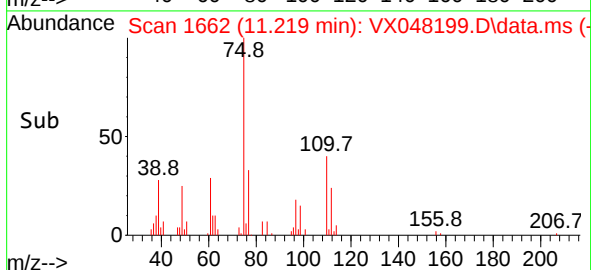
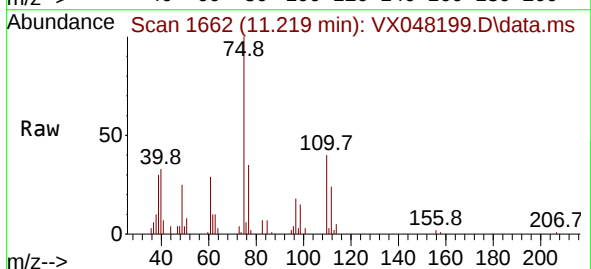
Manual Integrations
APPROVED

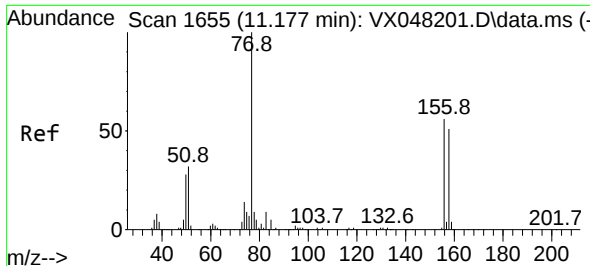
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#76
1,2,3-Trichloropropane
Concen: 4.691 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

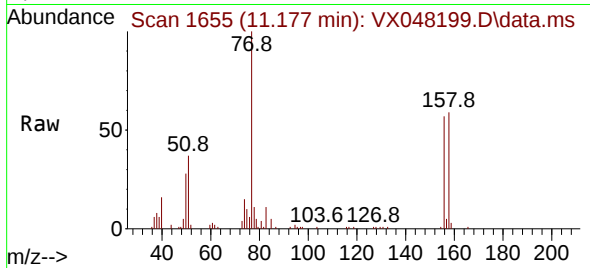
Tgt Ion: 75 Resp: 8543
Ion Ratio Lower Upper
75 100
77 47.5 22.4 67.2





#77
Bromobenzene
Concen: 4.851 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

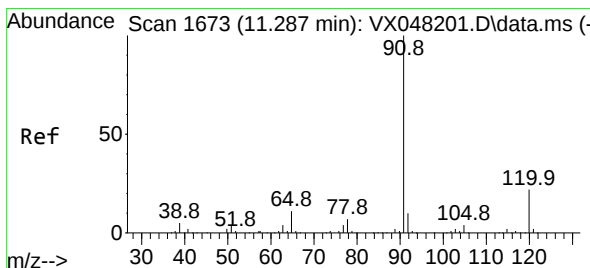
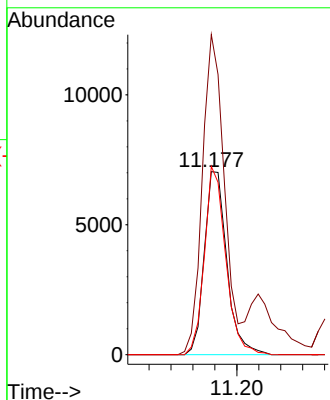
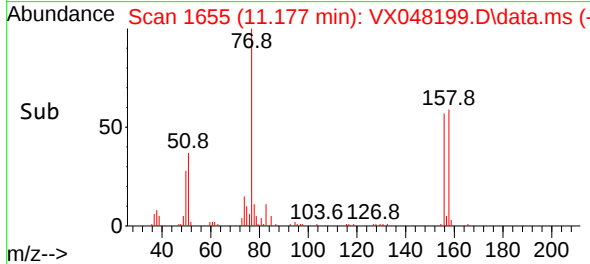
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



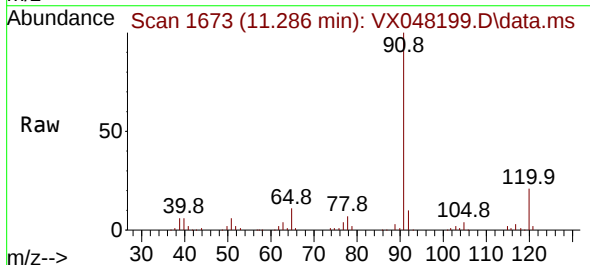
Tgt Ion:156 Resp: 10069
Ion Ratio Lower Upper
156 100
77 173.5 87.0 261.0
158 97.3 47.8 143.4

Manual Integrations
APPROVED

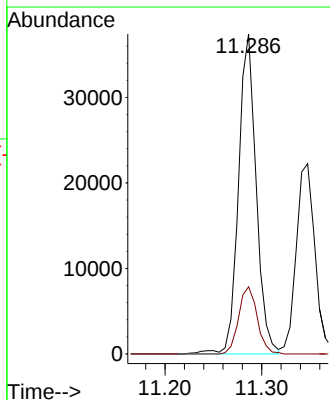
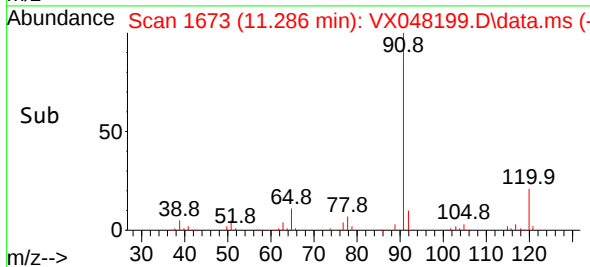
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

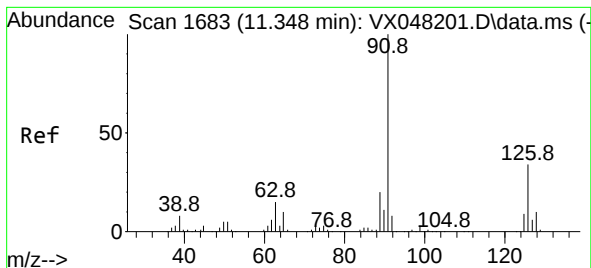


#78
n-propylbenzene
Concen: 4.740 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14



Tgt Ion: 91 Resp: 47678
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1





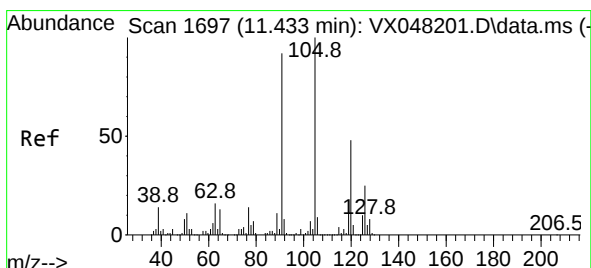
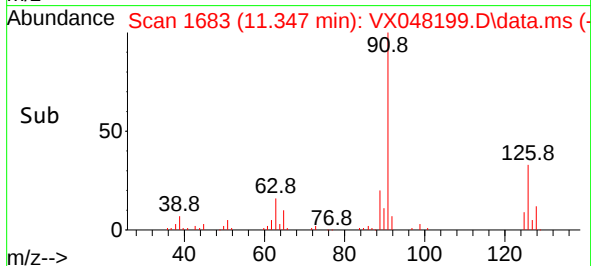
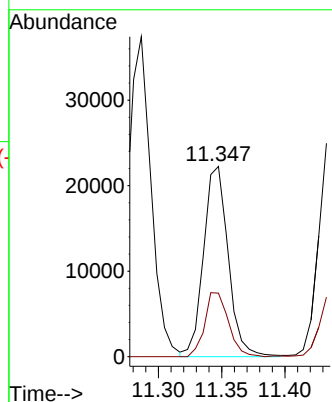
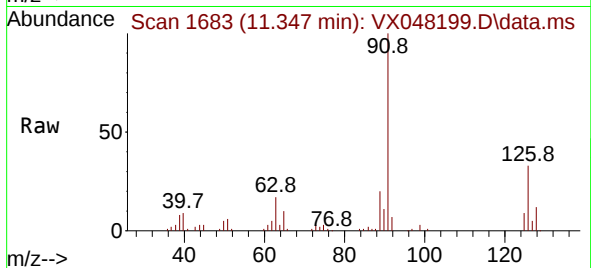
#79
2-Chlorotoluene
Concen: 4.977 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 30248
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

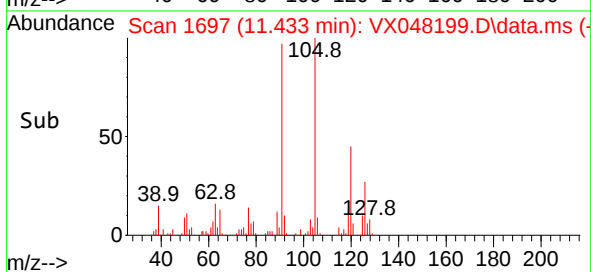
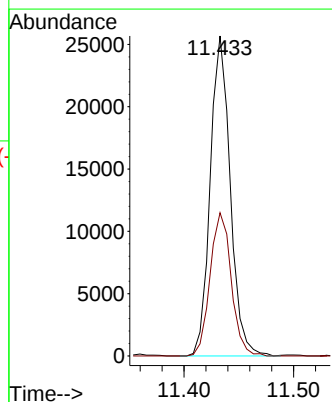
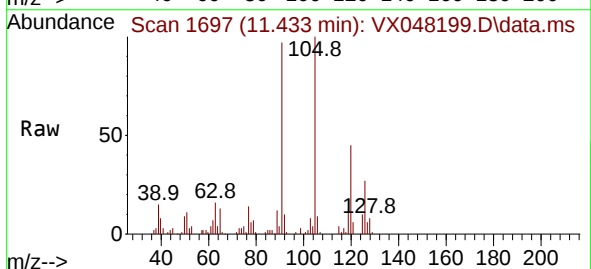
Manual Integrations
APPROVED

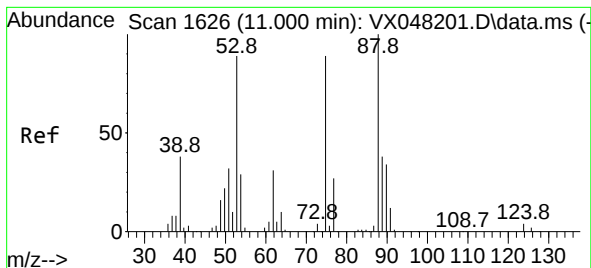
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.784 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

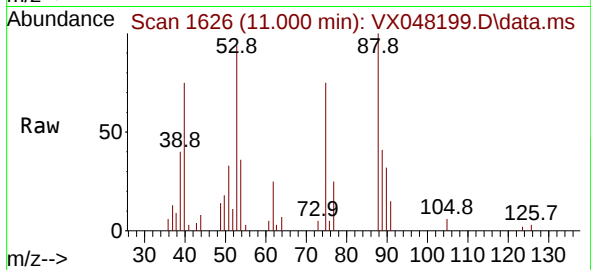
Tgt Ion:105 Resp: 32573
Ion Ratio Lower Upper
105 100
120 47.3 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.891 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

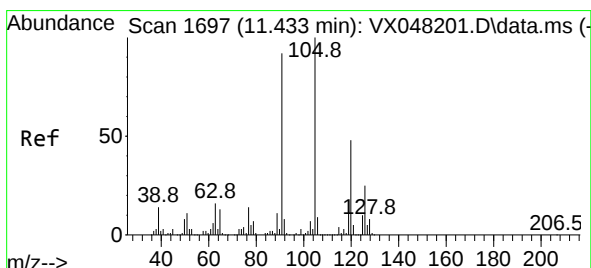
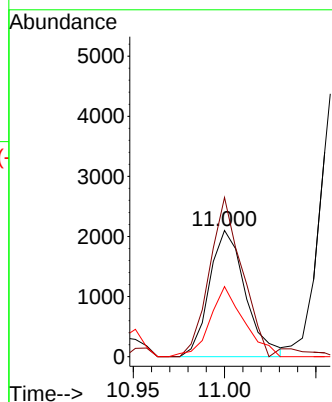
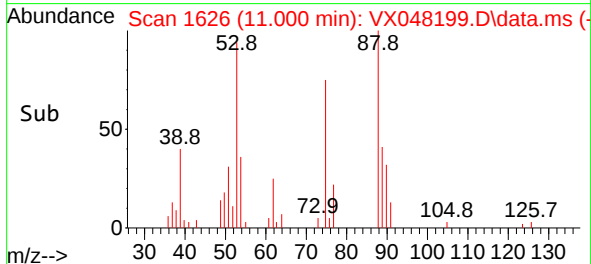
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2894
Ion Ratio Lower Upper
75 100
53 116.7 79.5 119.3
89 52.1 36.8 55.2

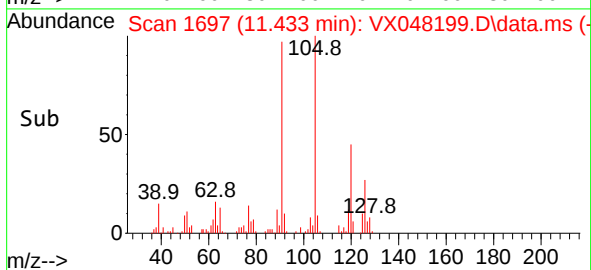
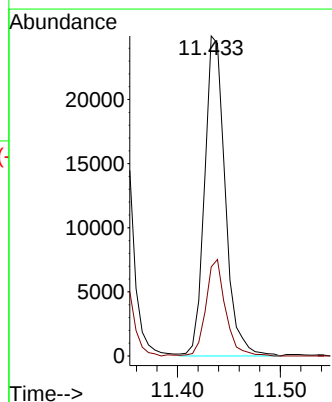
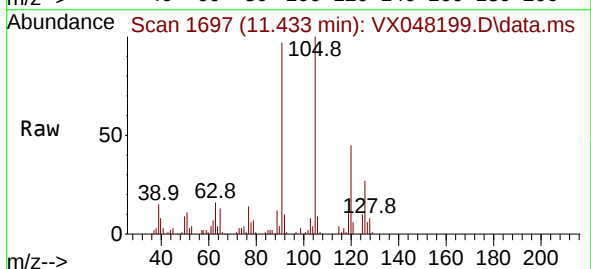
Manual Integrations
APPROVED

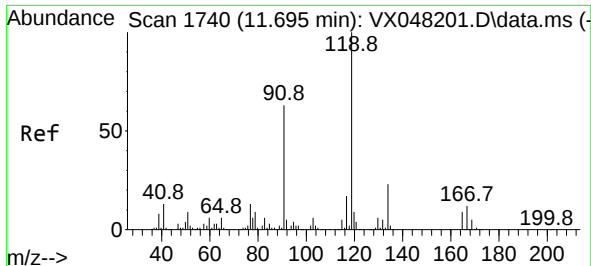
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#82
4-Chlorotoluene
Concen: 4.879 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 91 Resp: 34843
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.4





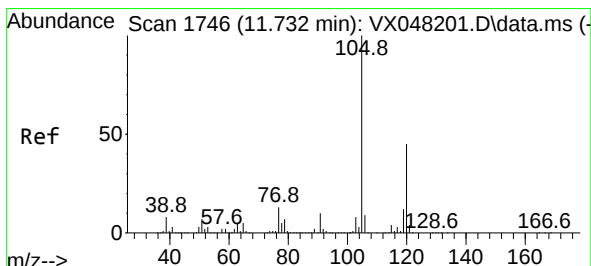
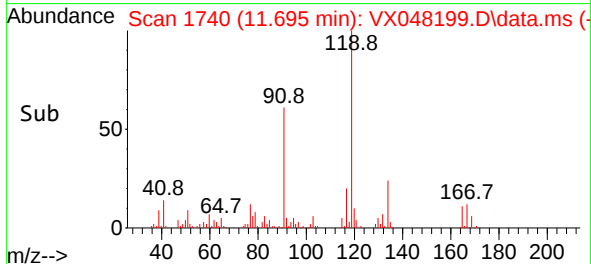
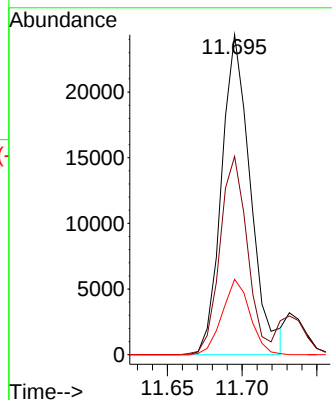
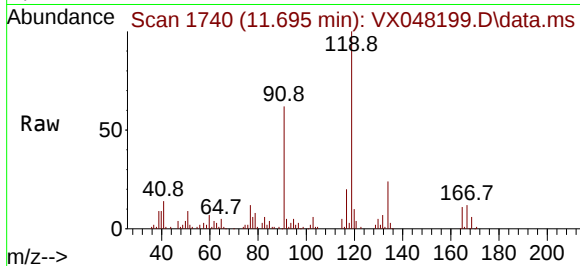
#83
tert-Butylbenzene
Concen: 4.756 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 3271
Ion Ratio Lower Upper
119 100
91 59.1 30.3 91.0
134 22.7 11.4 34.2

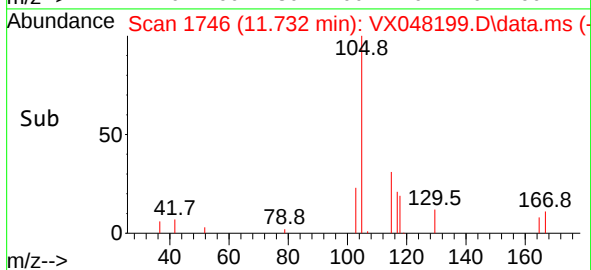
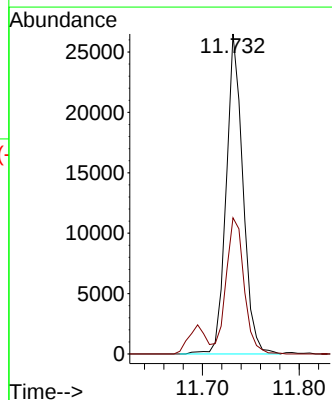
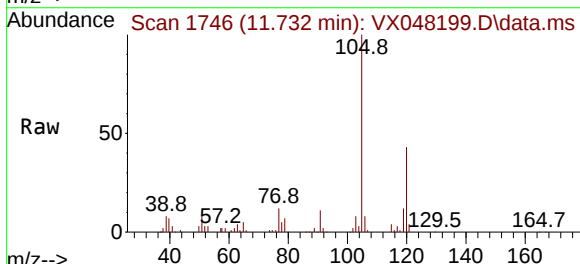
Manual Integrations
APPROVED

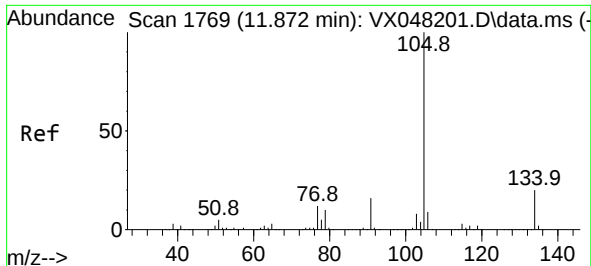
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.687 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

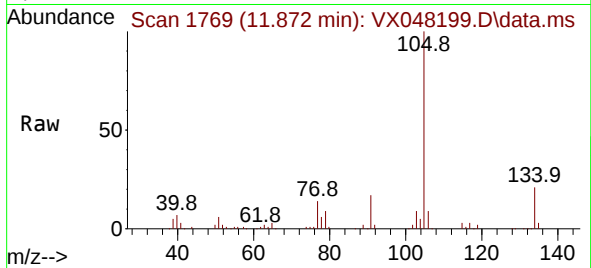
Tgt Ion:105 Resp: 31779
Ion Ratio Lower Upper
105 100
120 46.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 4.777 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048199.D
 Acq: 17 Oct 2025 09:14

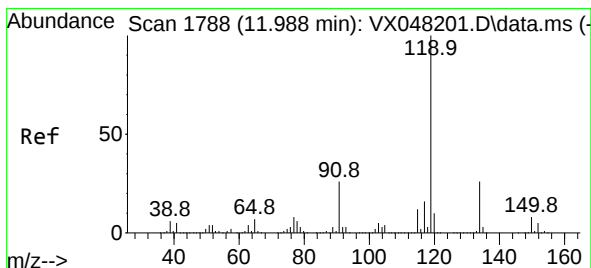
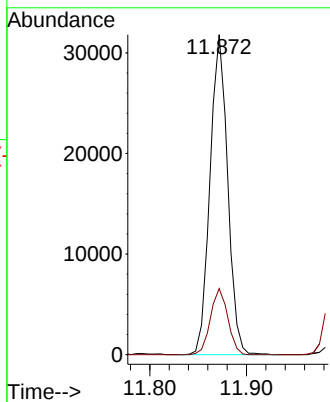
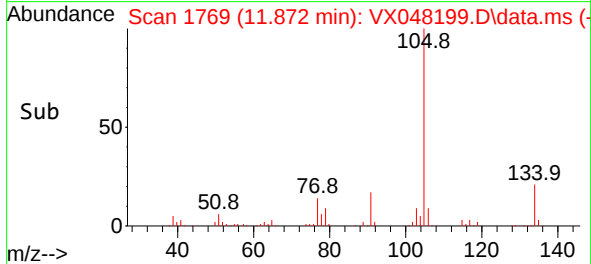
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



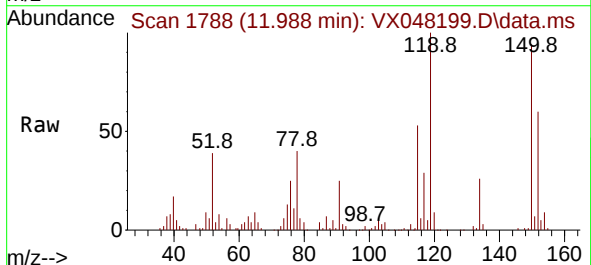
Tgt Ion:105 Resp: 4017
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

Manual Integrations
 APPROVED

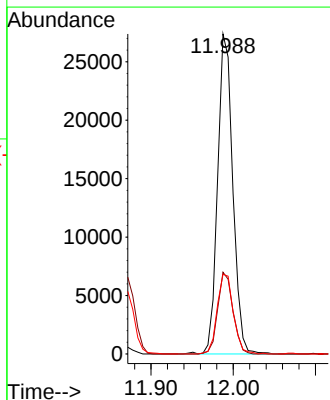
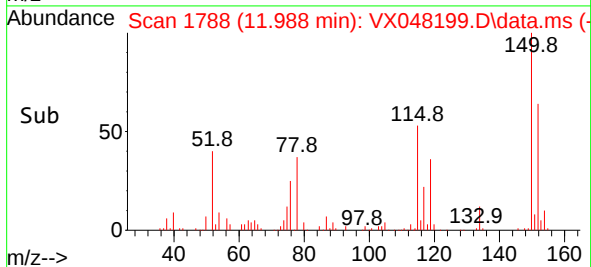
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

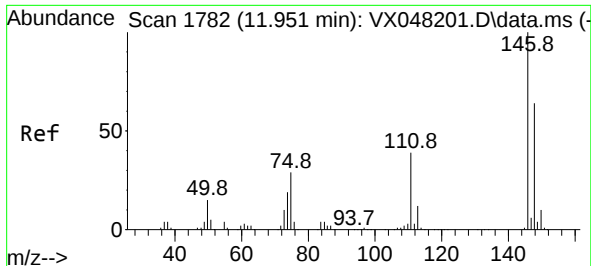


#86
 p-Isopropyltoluene
 Concen: 4.954 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048199.D
 Acq: 17 Oct 2025 09:14



Tgt Ion:119 Resp: 35118
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 26.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.816 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

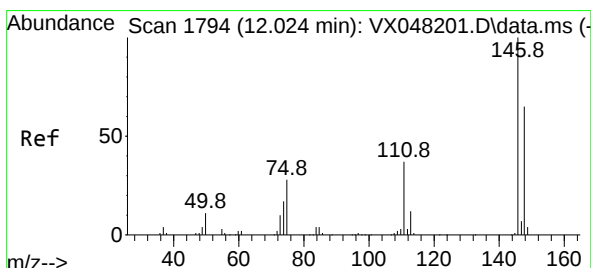
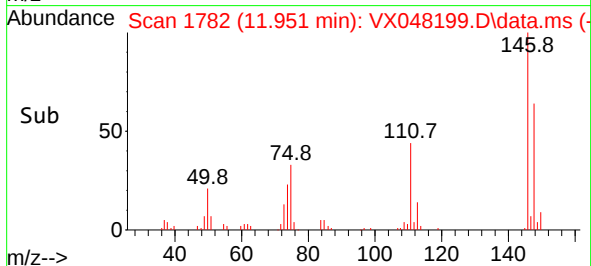
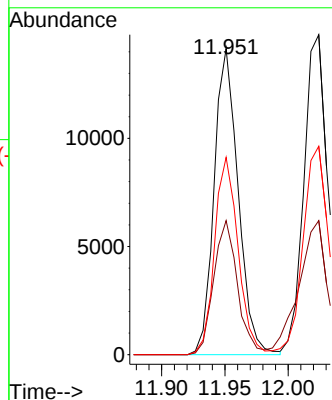
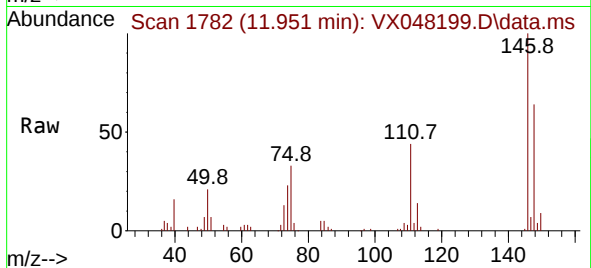
Tgt Ion:146 Resp: 1869
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.4 61.2
 148 63.1 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#88

1,4-Dichlorobenzene

Concen: 4.974 ug/l

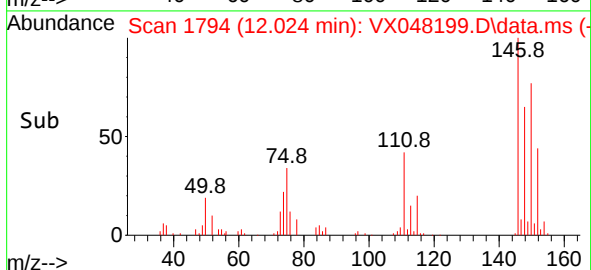
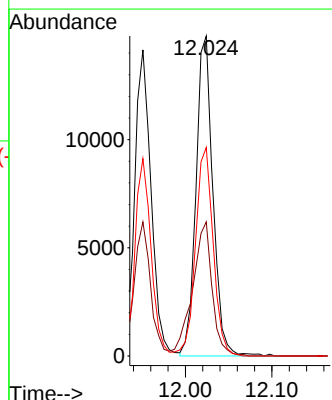
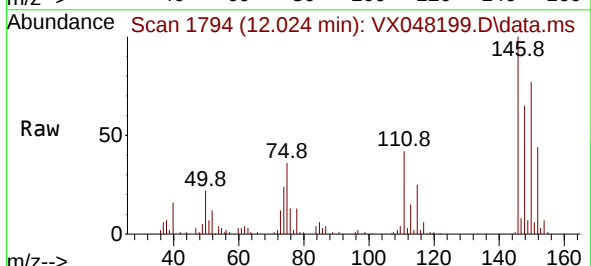
RT: 12.024 min Scan# 1794

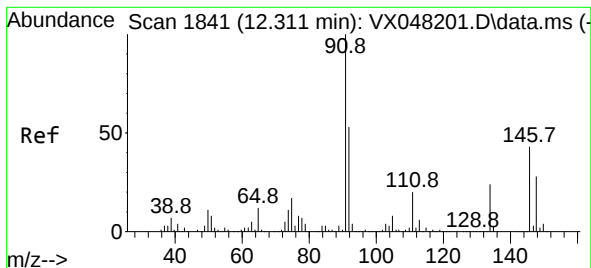
Delta R.T. -0.000 min

Lab File: VX048199.D

Acq: 17 Oct 2025 09:14

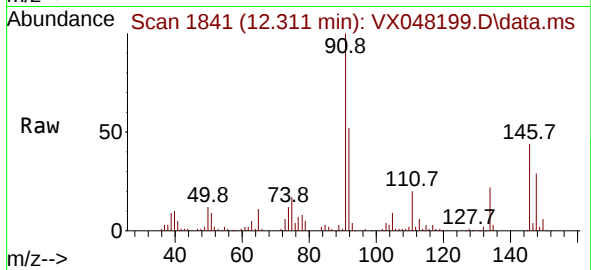
Tgt Ion:146 Resp: 20013
 Ion Ratio Lower Upper
 146 100
 111 48.9 20.1 60.2
 148 68.3 31.8 95.3





#89
n-Butylbenzene
Concen: 4.709 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

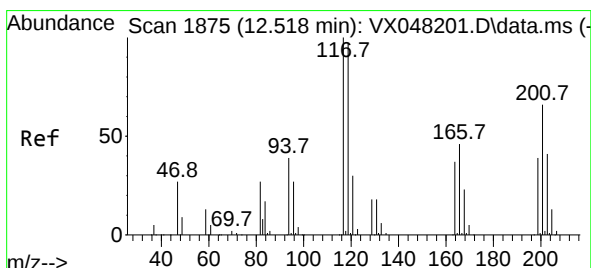
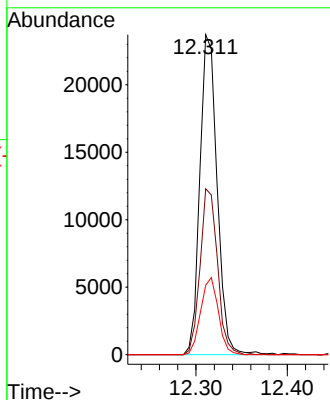
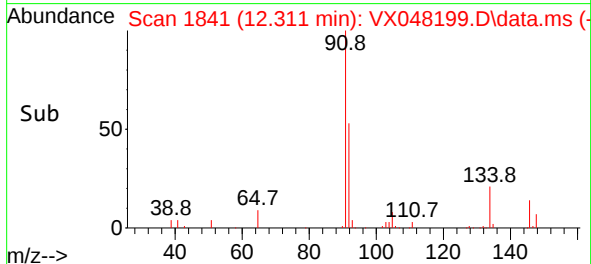
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 3108
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.6
134 24.6 12.7 38.1

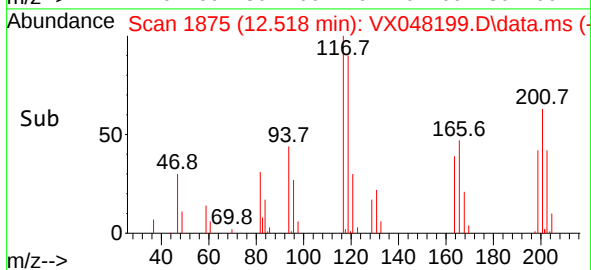
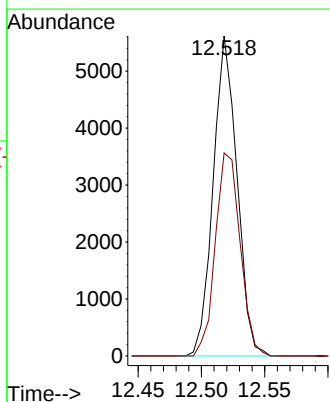
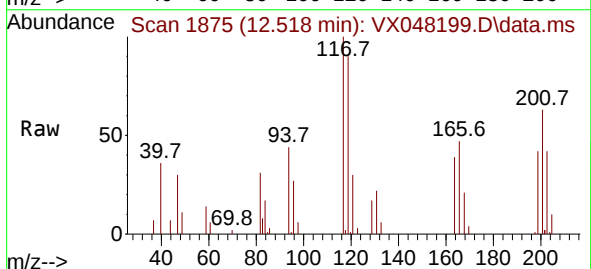
Manual Integrations
APPROVED

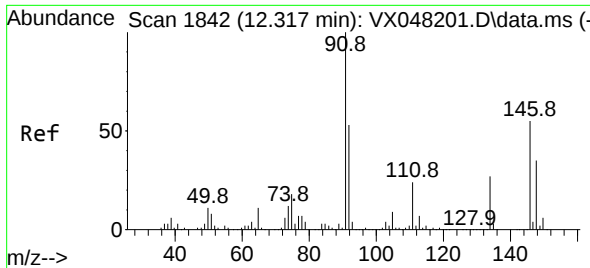
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#90
Hexachloroethane
Concen: 4.902 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

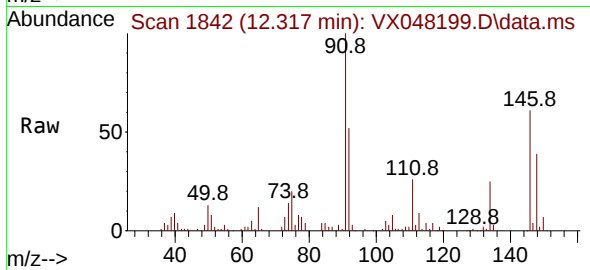
Tgt Ion:117 Resp: 7333
Ion Ratio Lower Upper
117 100
201 66.4 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 4.851 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

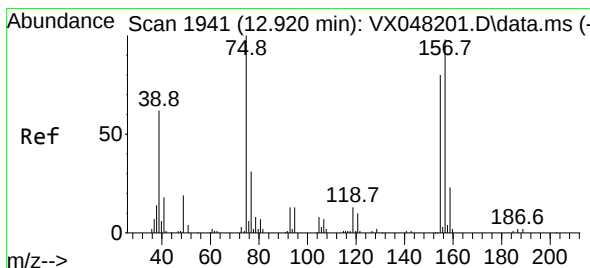
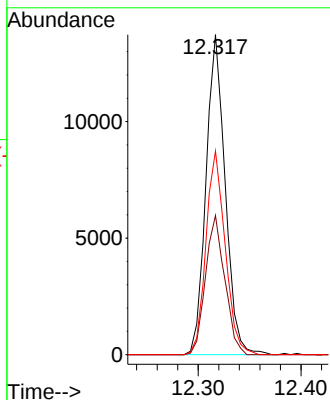
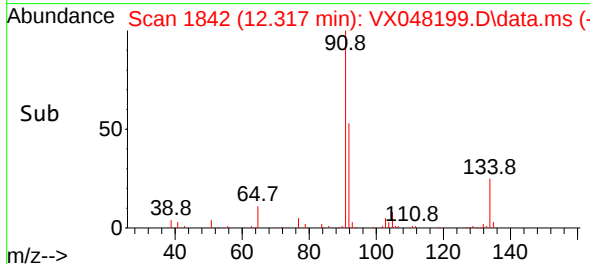
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 1779
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.9 31.9 95.5

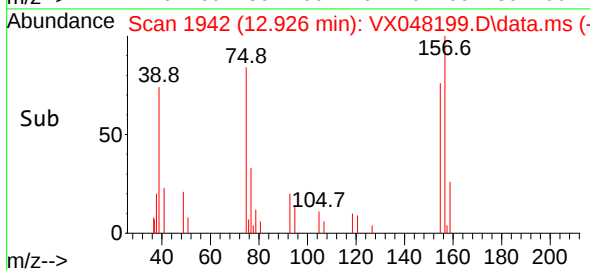
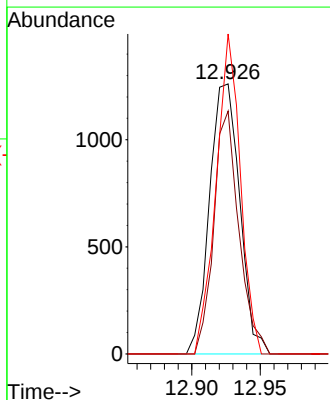
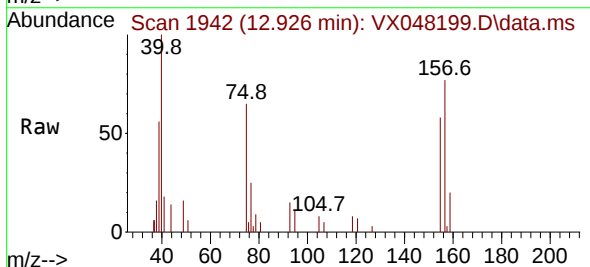
Manual Integrations
APPROVED

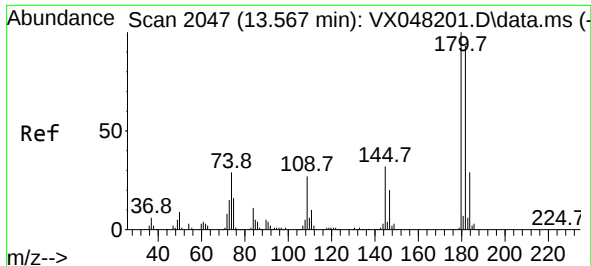
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.495 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

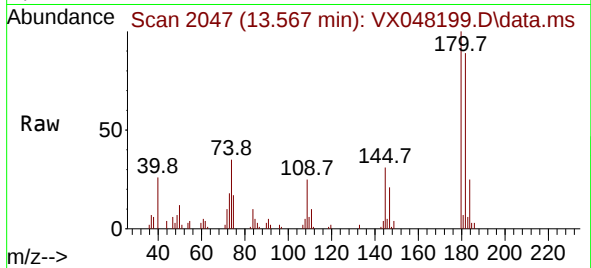
Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
155 75.1 42.8 128.4
157 95.5 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 4.387 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

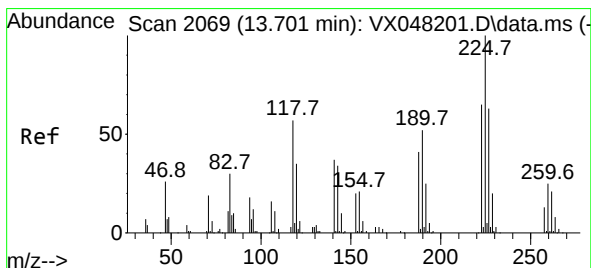
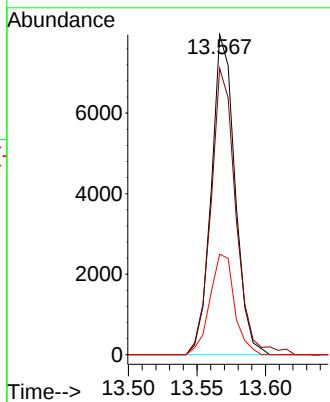
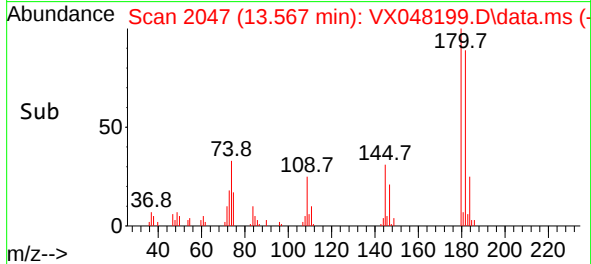
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



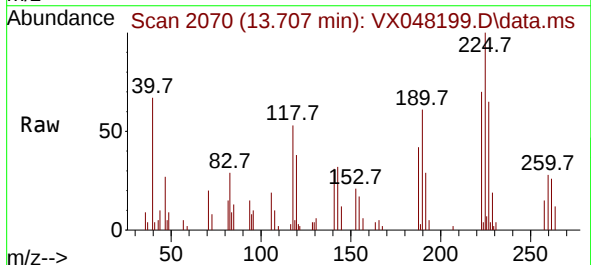
Tgt Ion:180 Resp: 9498
Ion Ratio Lower Upper
180 100
182 94.1 47.3 142.0
145 32.7 16.3 48.9

Manual Integrations
APPROVED

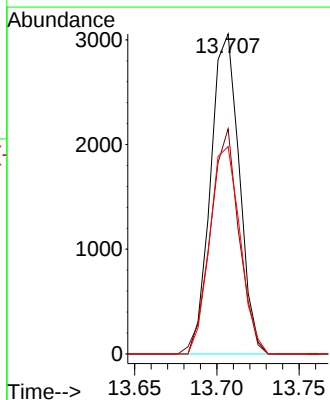
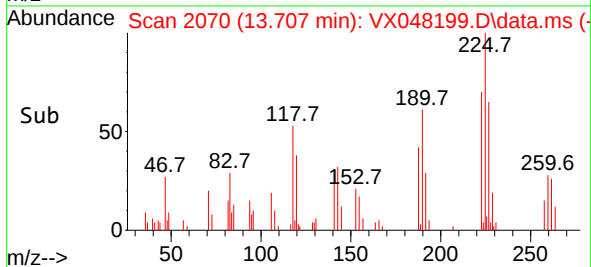
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

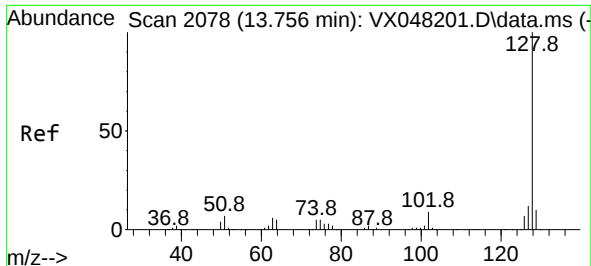


#94
Hexachlorobutadiene
Concen: 4.424 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14



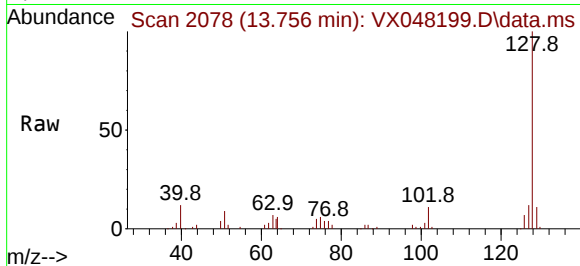
Tgt Ion:225 Resp: 3694
Ion Ratio Lower Upper
225 100
223 70.2 32.6 97.7
227 69.2 32.5 97.4





#95
Naphthalene
Concen: 3.894 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

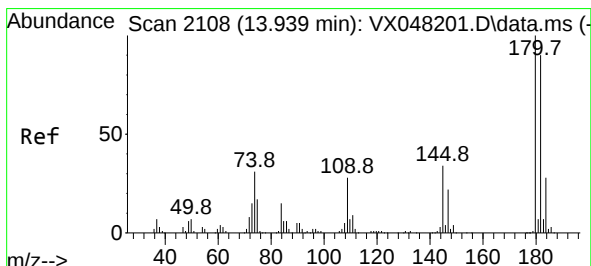
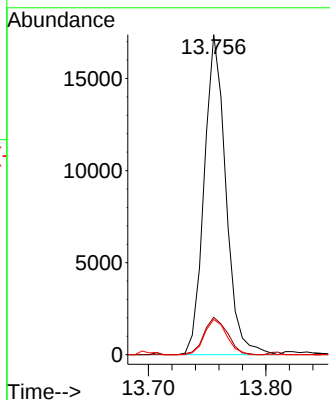
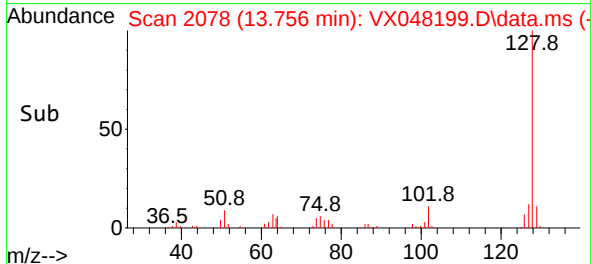
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



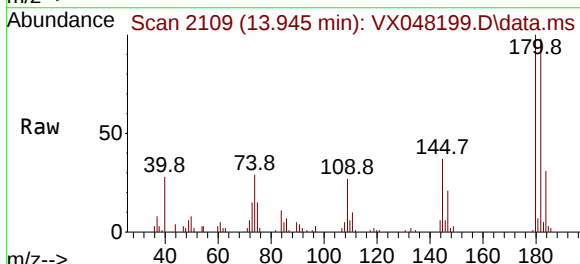
Tgt Ion:128 Resp: 2222
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.525 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14



Tgt Ion:180 Resp: 9039
Ion Ratio Lower Upper
180 100
182 96.8 46.6 139.7
145 33.4 16.9 50.7

