

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048357.D
 Acq On : 27 Oct 2025 10:04
 Operator : JC/MD
 Sample : VX1027WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Quant Time: Oct 28 01:47:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/28/2025
 Supervised By : Mahesh Dadoda 10/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	142483	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	244417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	221107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118480	59.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.620%#			
35) Dibromofluoromethane	5.367	113	72735	43.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.180%			
50) Toluene-d8	8.628	98	300486	51.377	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.061	95	115332	51.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	25690	17.539	ug/l	97
3) Chloromethane	1.300	50	14387	10.523	ug/l	100
4) Vinyl Chloride	1.380	62	35123	27.742	ug/l	100
5) Bromomethane	1.617	94	12921	15.038	ug/l	97
6) Chloroethane	1.697	64	21643	29.092	ug/l	93
7) Trichlorofluoromethane	1.898	101	58408	24.055	ug/l	99
8) Diethyl Ether	2.136	74	21357	31.260	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	31235	20.315	ug/l	97
10) Methyl Iodide	2.459	142	124122	64.214	ug/l	99
11) Tert butyl alcohol	2.928	59	16702	84.206	ug/l	98
12) 1,1-Dichloroethene	2.325	96	30786	20.581	ug/l	99
13) Acrolein	2.233	56	27333	135.116	ug/l	99
14) Allyl chloride	2.666	41	56039	22.564	ug/l	97
15) Acrylonitrile	3.050	53	72393	101.218	ug/l	98
16) Acetone	2.373	43	47269	68.973	ug/l	98
17) Carbon Disulfide	2.514	76	84163	17.852	ug/l	97
18) Methyl Acetate	2.697	43	32343	22.598	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	112289	22.004	ug/l	99
20) Methylene Chloride	2.788	84	35958	21.533	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	33393	20.323	ug/l	99
22) Diisopropyl ether	3.745	45	122466	24.723	ug/l	98
23) Vinyl Acetate	3.709	43	444900	112.437	ug/l	98
24) 1,1-Dichloroethane	3.599	63	66140	22.082	ug/l	99
25) 2-Butanone	4.532	43	76270	87.924	ug/l	95
26) 2,2-Dichloropropane	4.458	77	58835	21.762	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	40948	21.353	ug/l	98
28) Bromochloromethane	4.879	49	26988	21.731	ug/l	98
29) Tetrahydrofuran	4.977	42	51000	98.168	ug/l	96
30) Chloroform	5.074	83	70158	21.924	ug/l	95
31) Cyclohexane	5.452	56	53521	21.583	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	61535	20.865	ug/l	98
36) 1,1-Dichloropropene	5.672	75	45441	19.160	ug/l	98
37) Ethyl Acetate	4.690	43	41160	20.938	ug/l	97
38) Carbon Tetrachloride	5.659	117	53157	18.167	ug/l	94
39) Methylcyclohexane	7.360	83	53168	18.982	ug/l	99
40) Benzene	6.019	78	139040	20.193	ug/l	97

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Quant Time: Oct 28 01:47:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 10/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	21821	21.137	ug/l	97
42) 1,2-Dichloroethane	6.068	62	55222	21.734	ug/l	99
43) Isopropyl Acetate	6.318	43	69681	21.579	ug/l	99
44) Trichloroethene	7.104	130	36190	19.905	ug/l	97
45) 1,2-Dichloropropane	7.415	63	35120	21.452	ug/l	98
46) Dibromomethane	7.561	93	25923	20.325	ug/l	99
47) Bromodichloromethane	7.799	83	55644	20.206	ug/l	95
48) Methyl methacrylate	7.677	41	34813	21.366	ug/l	97
49) 1,4-Dioxane	7.641	88	7544	350.450	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	197835	106.262	ug/l	98
52) Toluene	8.702	92	86611	19.800	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	52271	19.697	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	55170	19.269	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	32804	20.165	ug/l	98
56) Ethyl methacrylate	9.098	69	46549	19.563	ug/l	95
57) 1,3-Dichloropropane	9.293	76	57867	20.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	120150	94.971	ug/l	100
59) 2-Hexanone	9.409	43	124813	96.144	ug/l	99
60) Dibromochloromethane	9.500	129	40873	18.694	ug/l	98
61) 1,2-Dibromoethane	9.592	107	33715	19.441	ug/l	100
64) Tetrachloroethene	9.256	164	32232	19.527	ug/l	96
65) Chlorobenzene	10.061	112	97688	19.640	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	35473	19.417	ug/l	97
67) Ethyl Benzene	10.177	91	164016	19.368	ug/l	99
68) m/p-Xylenes	10.281	106	124400	39.537	ug/l	100
69) o-Xylene	10.622	106	59735	19.665	ug/l	99
70) Styrene	10.634	104	102542	19.825	ug/l	99
71) Bromoform	10.780	173	24833	17.008	ug/l #	100
73) Isopropylbenzene	10.945	105	155818	19.302	ug/l	99
74) N-amyl acetate	10.823	43	60091	20.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	41111	18.649	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	33085m	18.459	ug/l	
77) Bromobenzene	11.177	156	37603	18.577	ug/l	98
78) n-propylbenzene	11.286	91	182569	19.533	ug/l	100
79) 2-Chlorotoluene	11.347	91	111945	19.755	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	130099	19.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	9597	13.027	ug/l #	67
82) 4-Chlorotoluene	11.433	91	132574	19.708	ug/l	99
83) tert-Butylbenzene	11.695	119	129729	18.900	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	129721	19.457	ug/l	99
85) sec-Butylbenzene	11.872	105	161128	19.512	ug/l	100
86) p-Isopropyltoluene	11.988	119	136294	19.094	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	71158	18.648	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	72075	18.233	ug/l	98
89) n-Butylbenzene	12.317	91	124628	19.183	ug/l	99
90) Hexachloroethane	12.518	117	23513	16.681	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	67180	18.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8405	18.783	ug/l	88
93) 1,2,4-Trichlorobenzene	13.567	180	42780	17.657	ug/l	98
94) Hexachlorobutadiene	13.707	225	18210	20.098	ug/l	98
95) Naphthalene	13.756	128	116331	18.123	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	40946	18.417	ug/l	98

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MSVOA_X
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VX1027WBS01

Manual Integrations
APPROVED

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Quant Time: Oct 28 01:47:45 2025
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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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



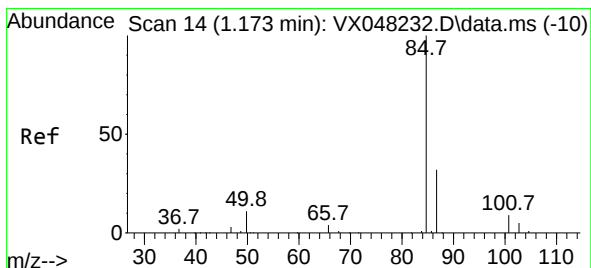
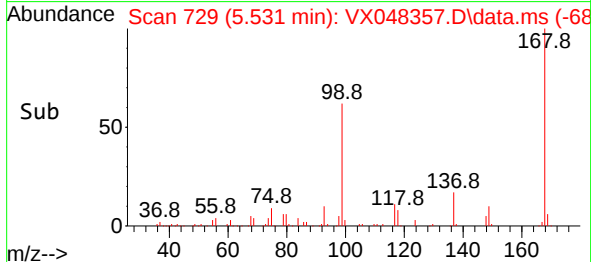
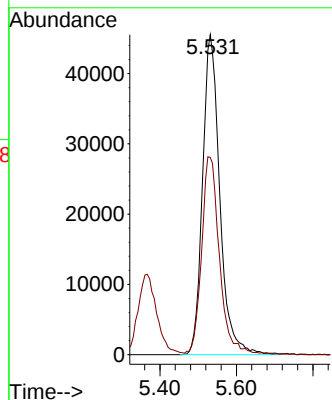
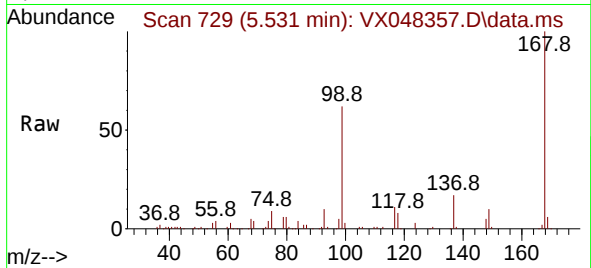
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion:168 Resp: 14248
Ion Ratio Lower Upper
168 100
99 61.5 46.4 69.6

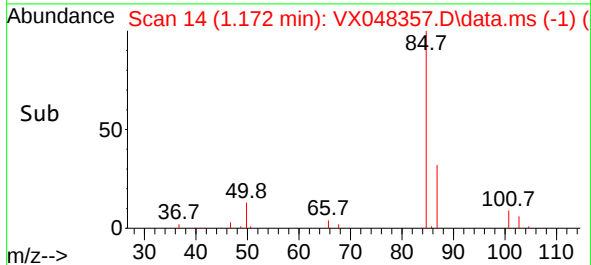
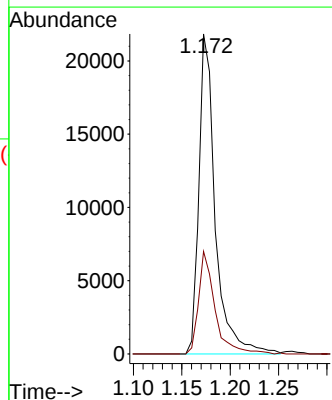
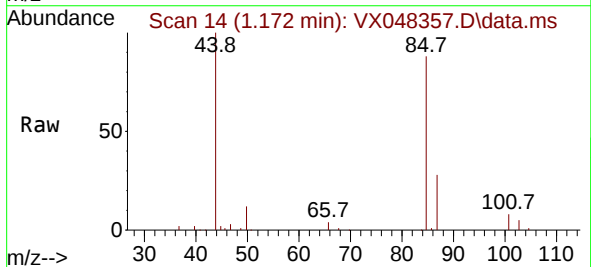
Manual Integrations
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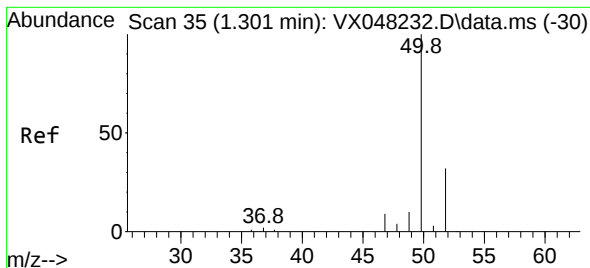
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#2
Dichlorodifluoromethane
Concen: 17.539 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 85 Resp: 25690
Ion Ratio Lower Upper
85 100
87 32.1 15.3 45.9





#3

Chloromethane

Concen: 10.523 ug/l

RT: 1.300 min Scan# 3

Delta R.T. -0.000 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tgt Ion: 50 Resp: 1438

Ion Ratio Lower Upper

50 100

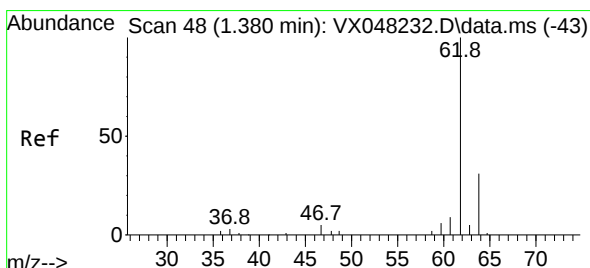
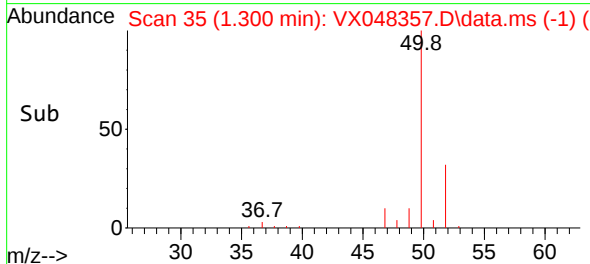
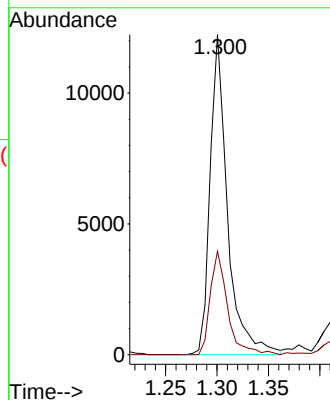
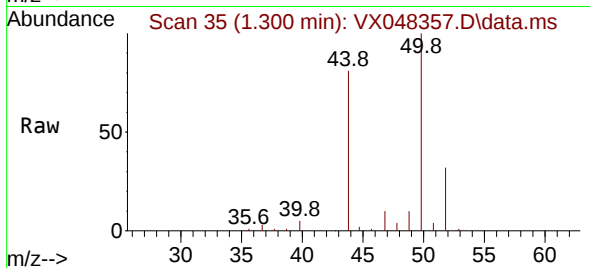
52 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#4

Vinyl Chloride

Concen: 27.742 ug/l

RT: 1.380 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048357.D

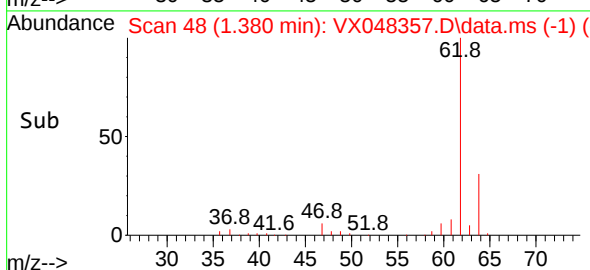
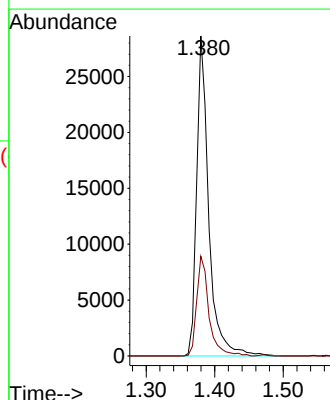
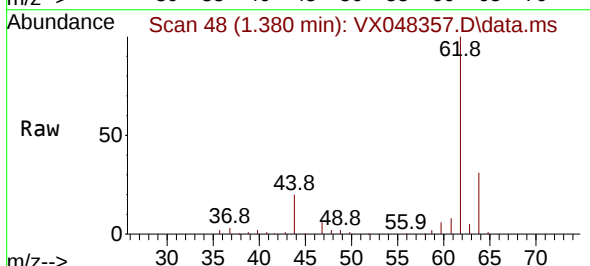
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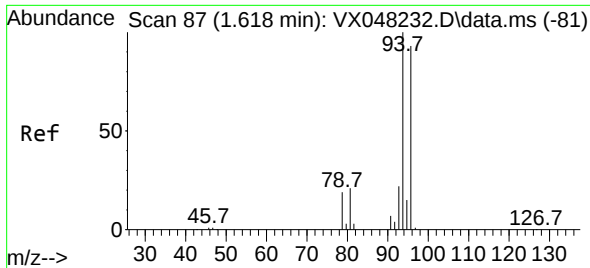
Tgt Ion: 62 Resp: 35123

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





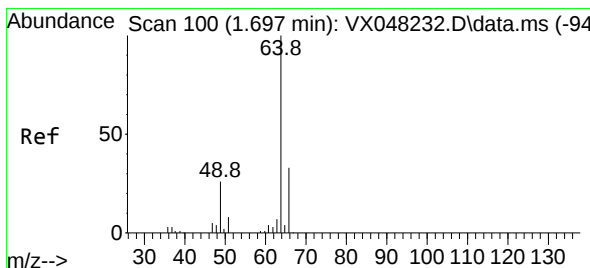
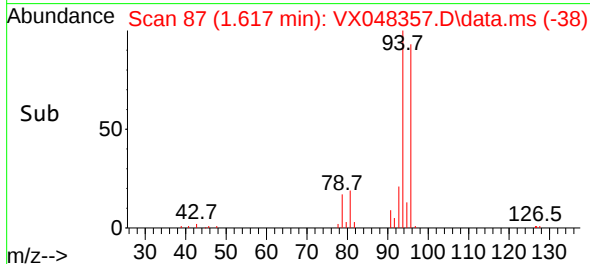
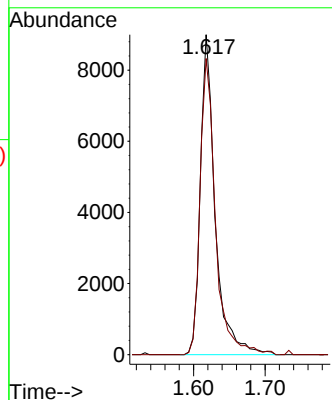
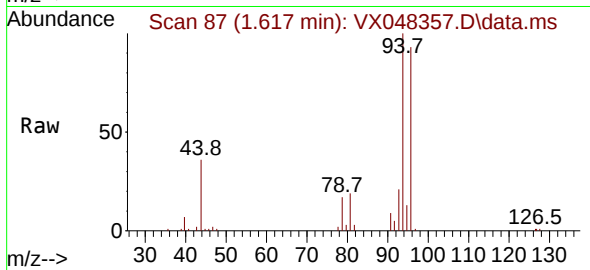
#5
Bromomethane
Concen: 15.038 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 94 Resp: 1292
Ion Ratio Lower Upper
94 100
96 92.6 76.0 114.0

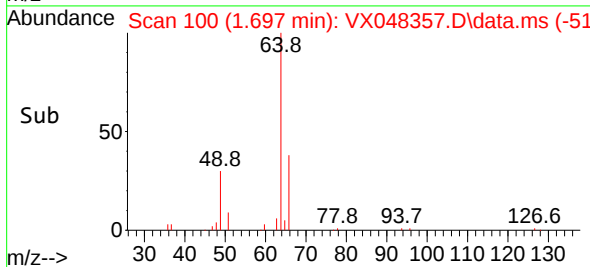
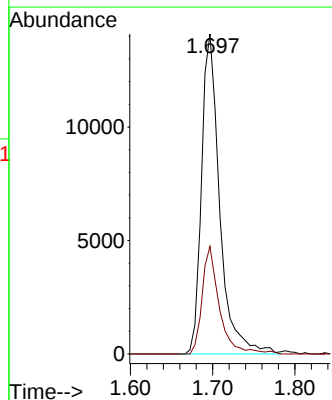
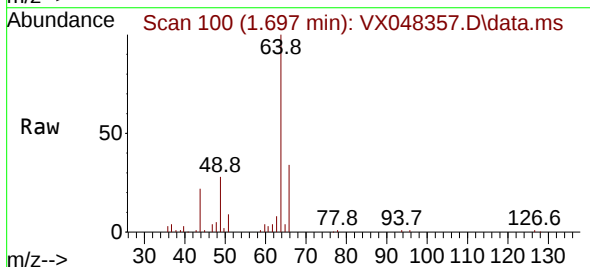
Manual Integrations
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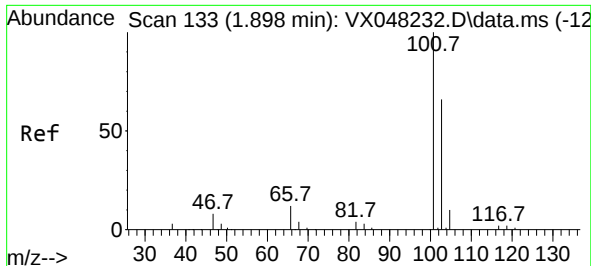
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#6
Chloroethane
Concen: 29.092 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

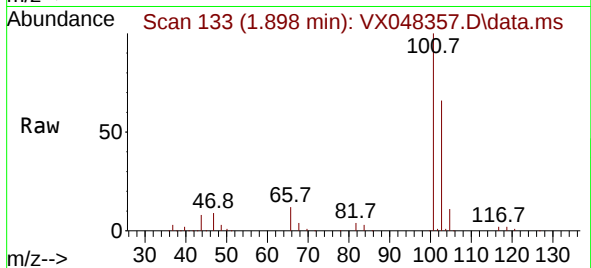
Tgt Ion: 64 Resp: 21643
Ion Ratio Lower Upper
64 100
66 33.6 23.9 35.9





#7
Trichlorofluoromethane
Concen: 24.055 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048357.D
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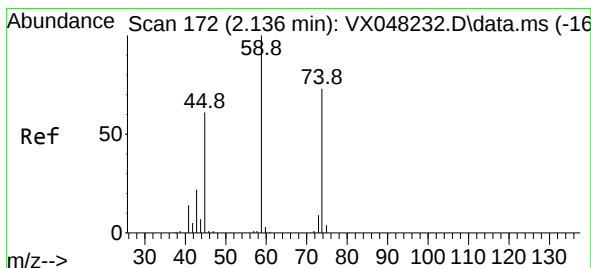
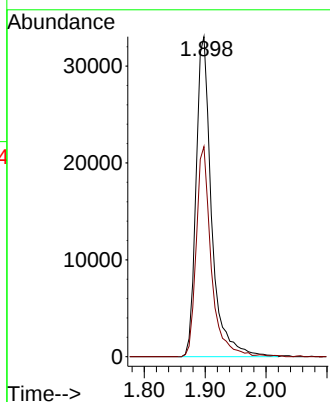
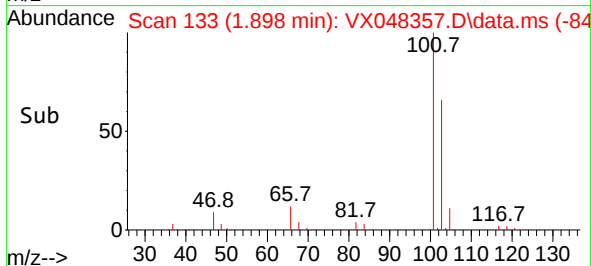
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion:101 Resp: 58408
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

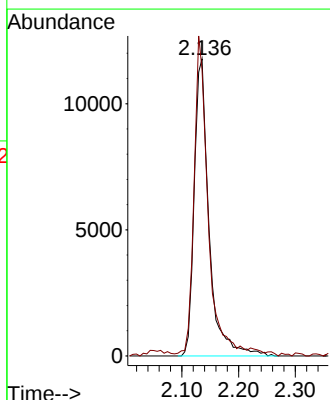
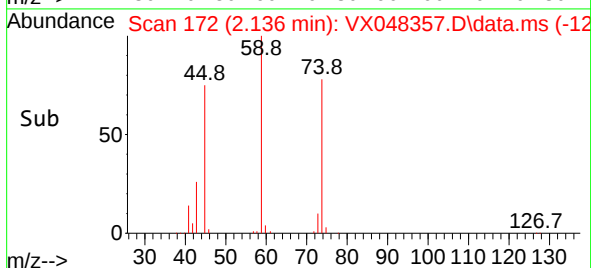
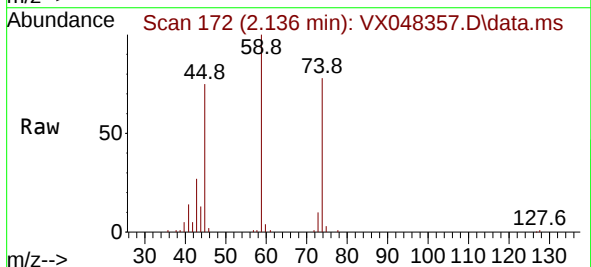
Manual Integrations
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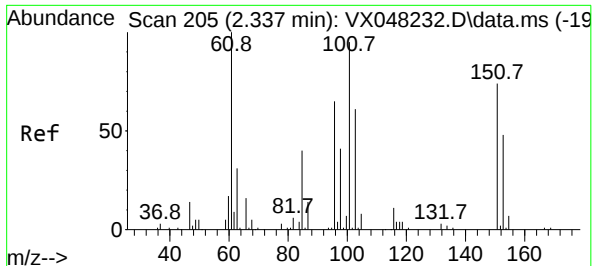
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#8
Diethyl Ether
Concen: 31.260 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 74 Resp: 21357
Ion Ratio Lower Upper
74 100
45 99.4 50.0 149.8





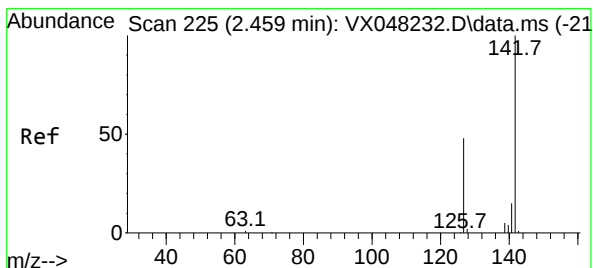
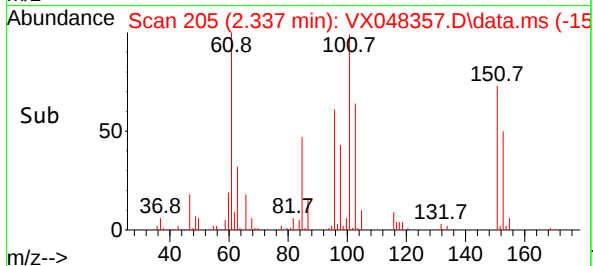
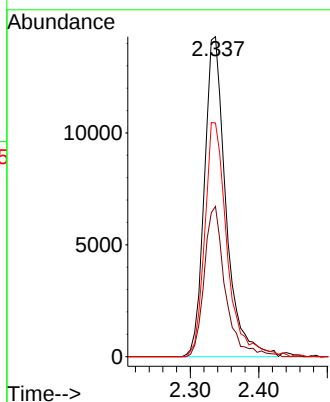
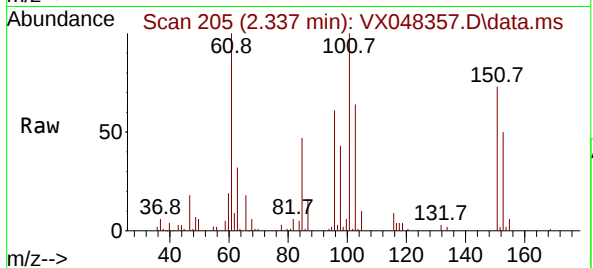
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1,1,2-Trichlorotrifluoroethane
Concen: 20.315 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

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MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion:101 Resp: 31235
Ion Ratio Lower Upper
101 100
85 46.0 35.6 53.4
151 76.0 58.0 87.0

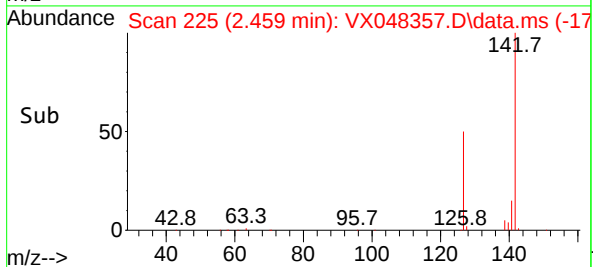
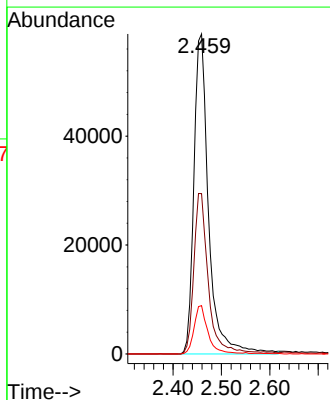
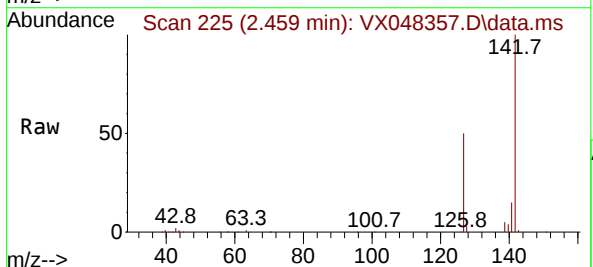
Manual Integrations
APPROVED

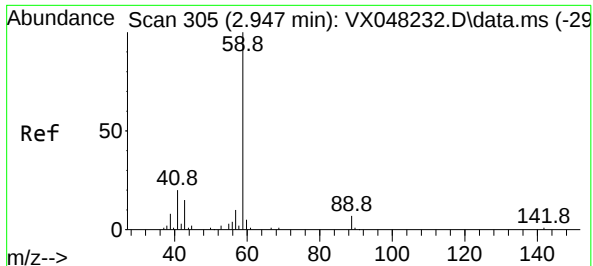
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#10
Methyl Iodide
Concen: 64.214 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

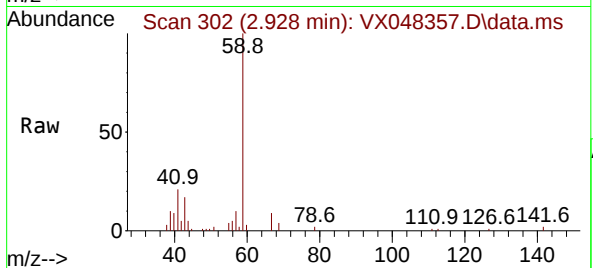
Tgt Ion:142 Resp: 124122
Ion Ratio Lower Upper
142 100
127 49.3 38.5 57.7
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.206 ug/l
RT: 2.928 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

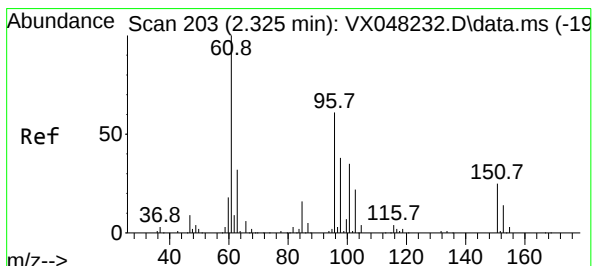
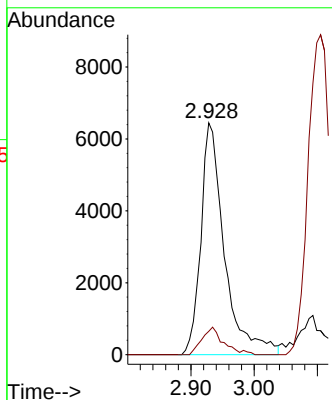
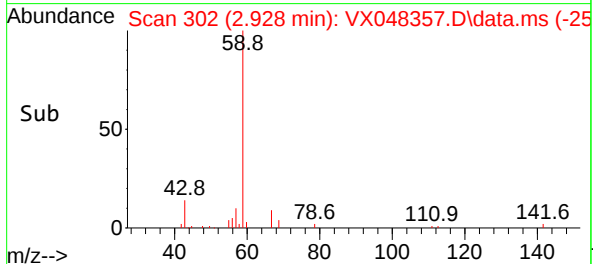
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 59 Resp: 16702
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

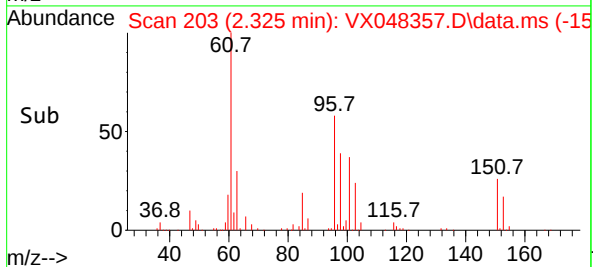
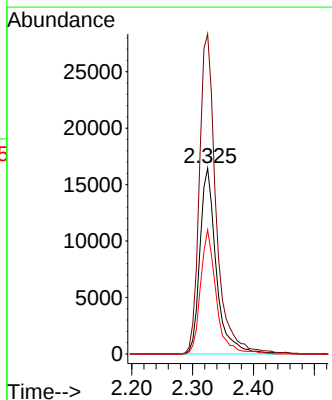
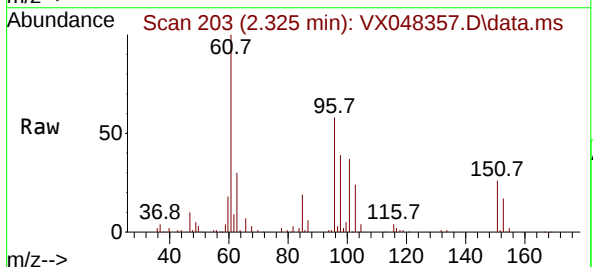
Manual Integrations
APPROVED

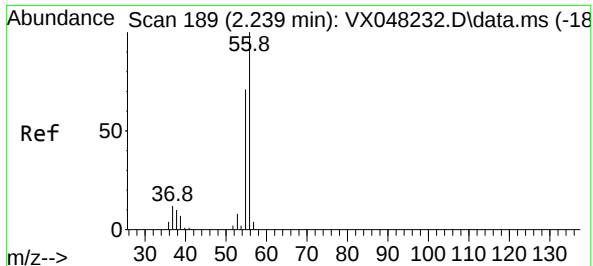
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#12
1,1-Dichloroethene
Concen: 20.581 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

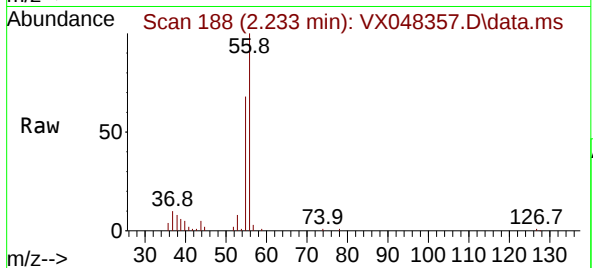
Tgt Ion: 96 Resp: 30786
Ion Ratio Lower Upper
96 100
61 172.2 139.0 208.6
98 66.8 52.4 78.6





#13
Acrolein
Concen: 135.116 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

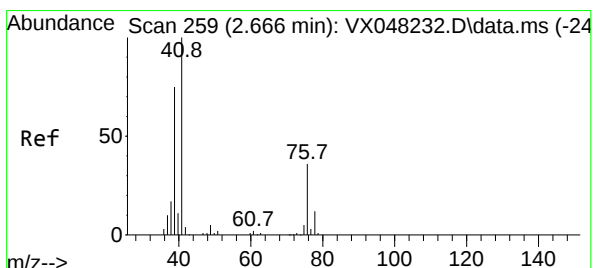
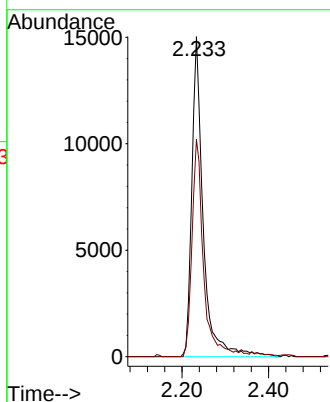
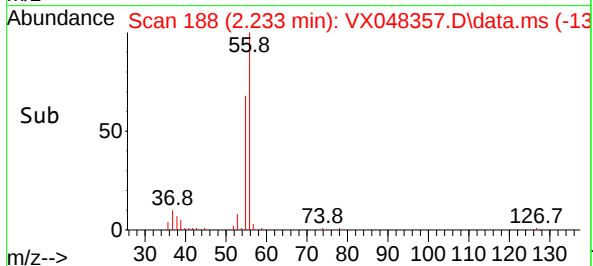
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 56 Resp: 2733
Ion Ratio Lower Upper
56 100
55 69.1 56.1 84.1

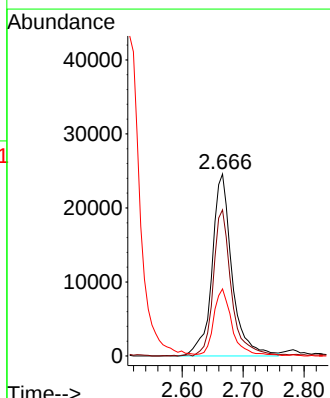
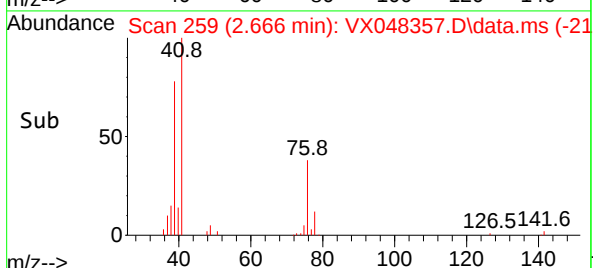
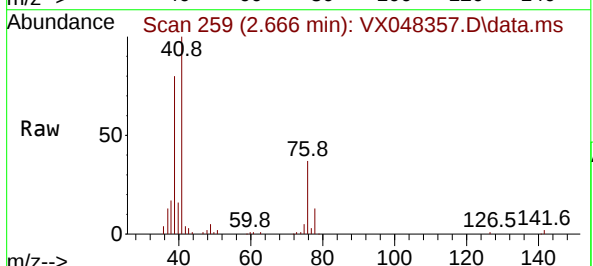
Manual Integrations
APPROVED

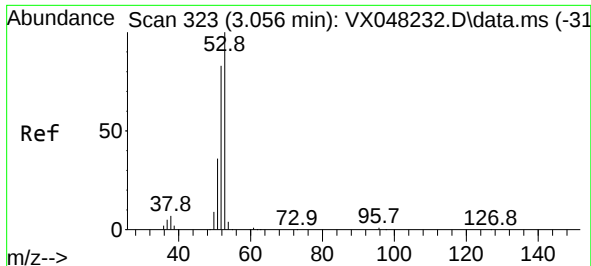
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#14
Allyl chloride
Concen: 22.564 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

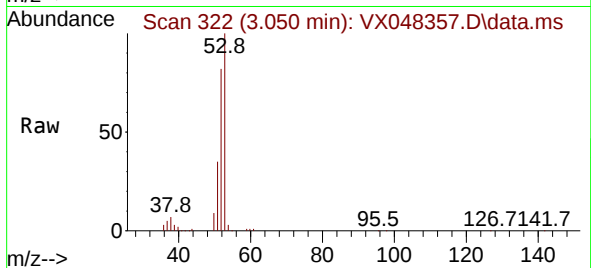
Tgt Ion: 41 Resp: 56039
Ion Ratio Lower Upper
41 100
39 73.0 56.0 84.0
76 33.2 27.5 41.3





#15
Acrylonitrile
Concen: 101.218 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

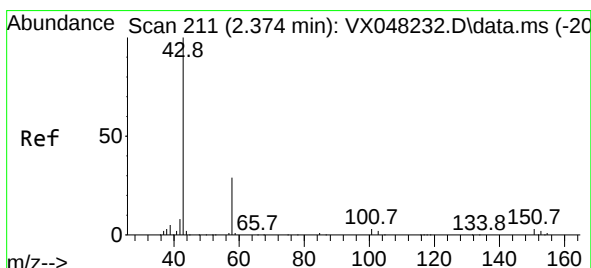
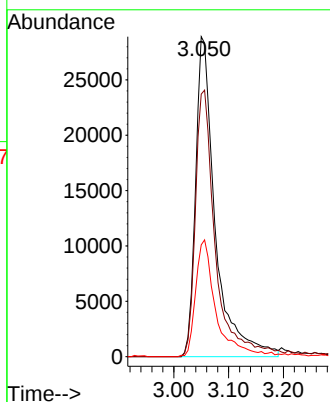
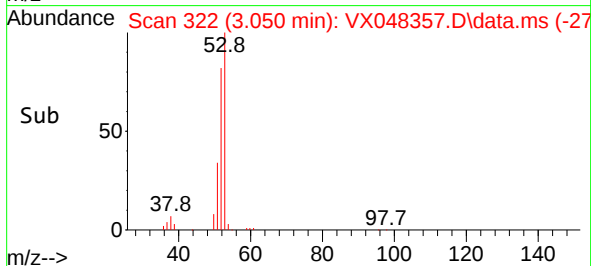
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 53 Resp: 7239
Ion Ratio Lower Upper
53 100
52 84.4 66.1 99.1
51 37.9 29.0 43.4

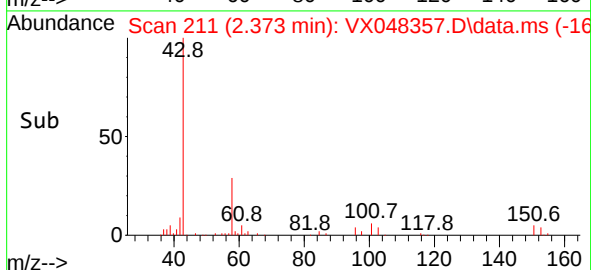
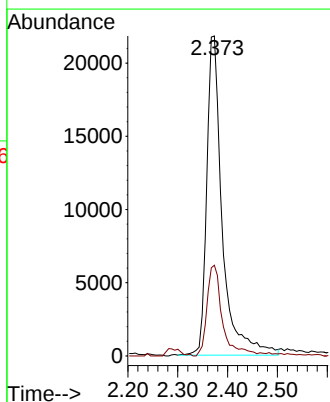
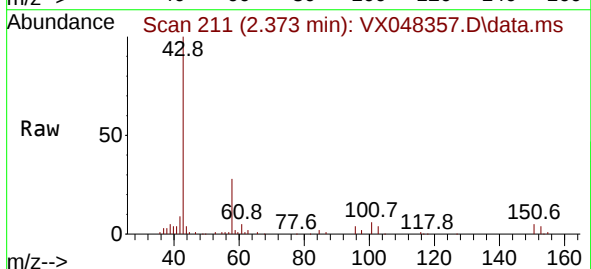
Manual Integrations
APPROVED

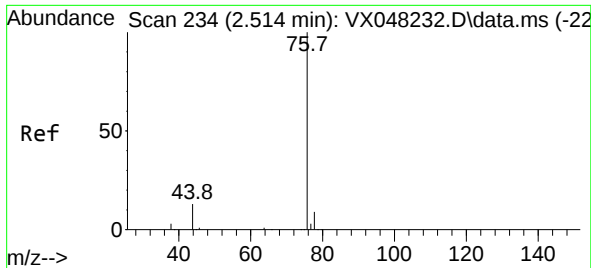
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#16
Acetone
Concen: 68.973 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

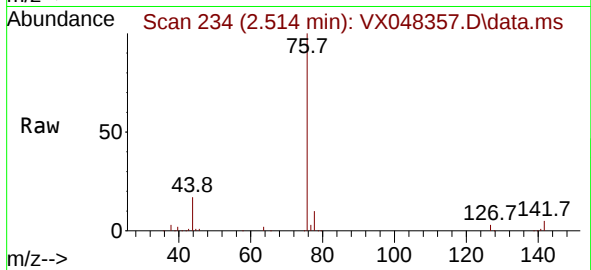
Tgt Ion: 43 Resp: 47269
Ion Ratio Lower Upper
43 100
58 28.3 23.4 35.2





#17
Carbon Disulfide
Concen: 17.852 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

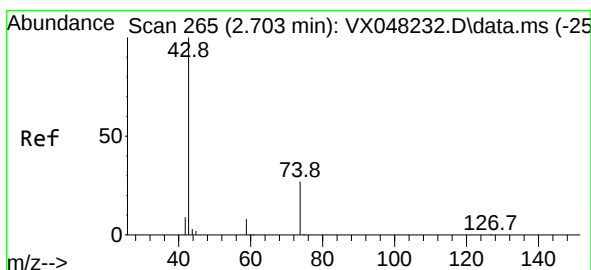
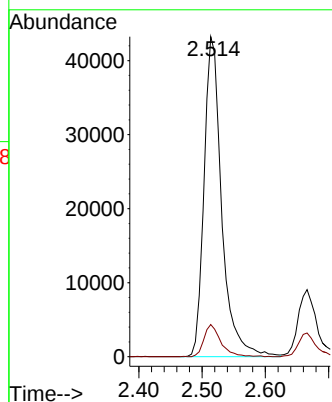
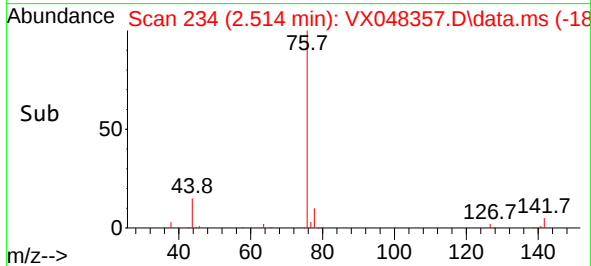
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 76 Resp: 8416
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

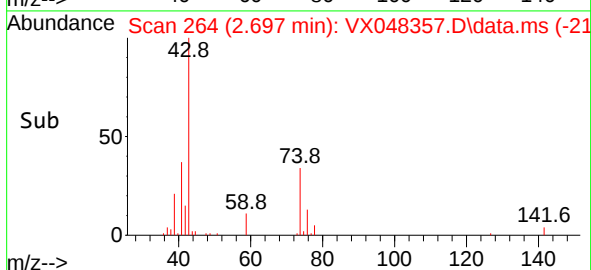
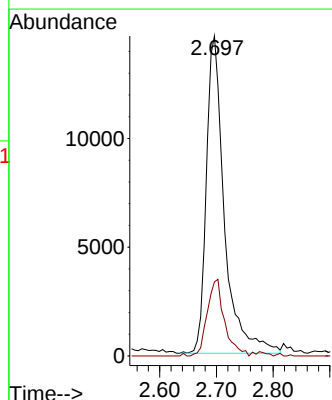
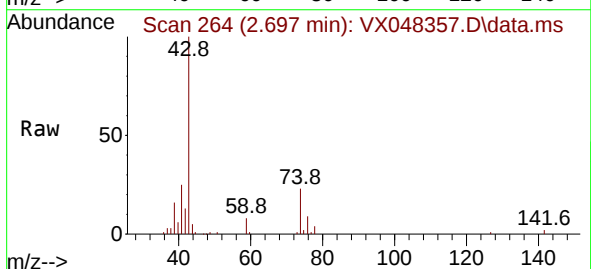
Manual Integrations
APPROVED

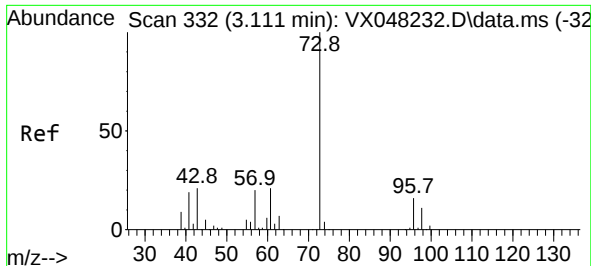
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#18
Methyl Acetate
Concen: 22.598 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

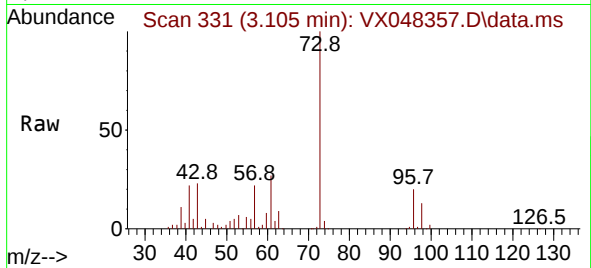
Tgt Ion: 43 Resp: 32343
Ion Ratio Lower Upper
43 100
74 23.0 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 22.004 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

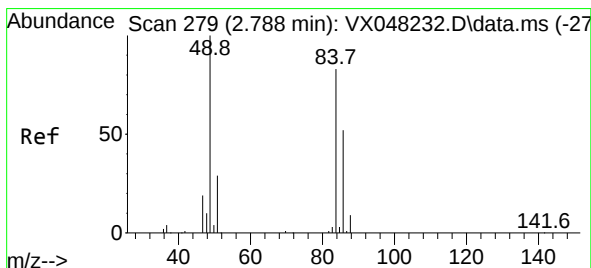
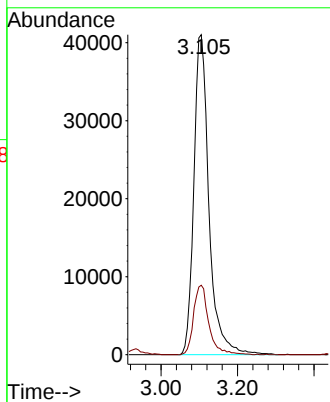
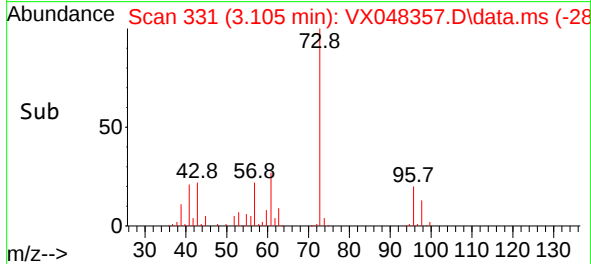
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 73 Resp: 112289
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

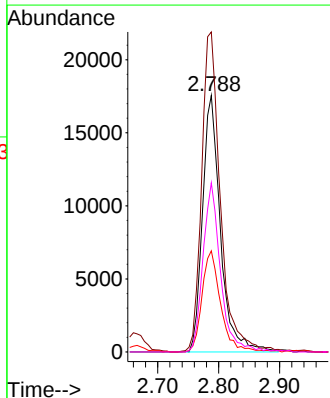
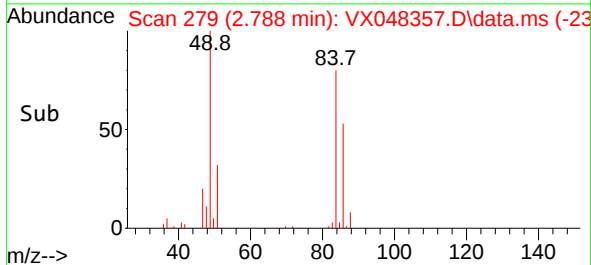
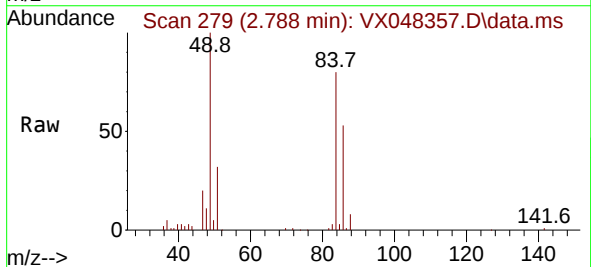
Manual Integrations
APPROVED

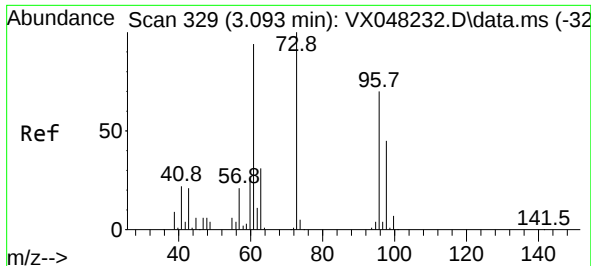
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#20
Methylene Chloride
Concen: 21.533 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

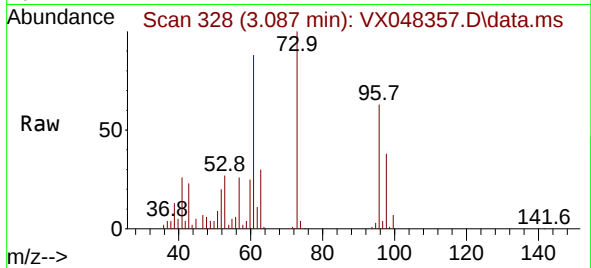
Tgt Ion: 84 Resp: 35958
Ion Ratio Lower Upper
84 100
49 124.8 104.1 156.1
51 39.4 31.3 46.9
86 67.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 20.323 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

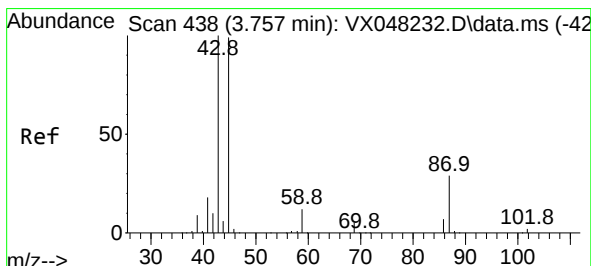
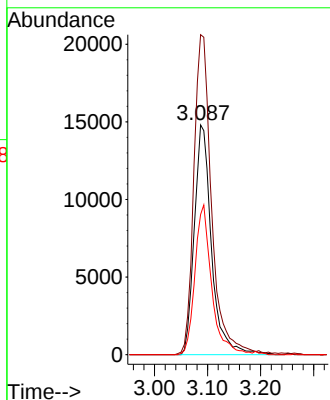
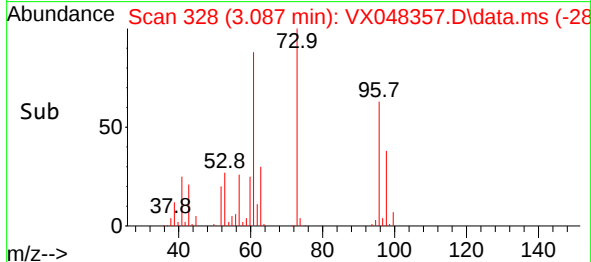
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 96 Resp: 3339
Ion Ratio Lower Upper
96 100
61 138.8 111.9 167.9
98 63.0 51.2 76.8

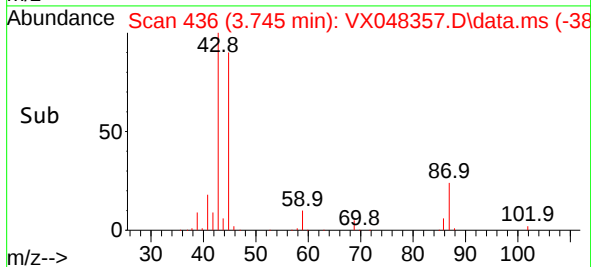
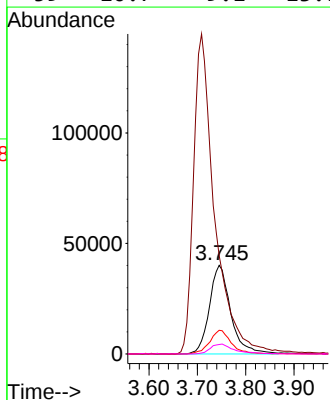
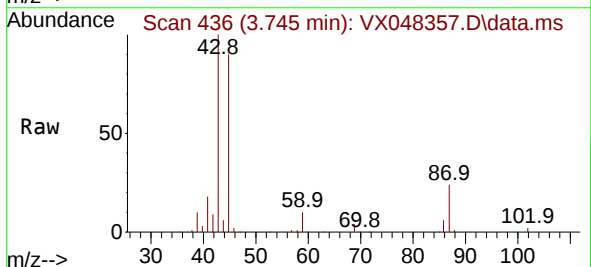
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#22
Diisopropyl ether
Concen: 24.723 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

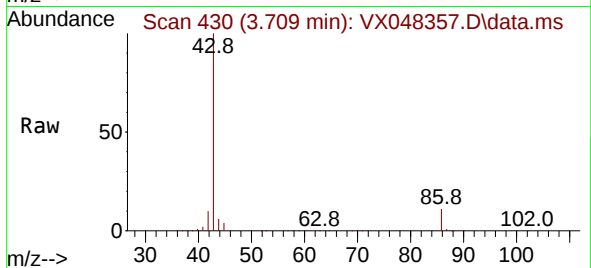
Tgt Ion: 45 Resp: 122466
Ion Ratio Lower Upper
45 100
43 110.4 89.8 134.8
87 26.7 20.6 31.0
59 10.7 9.1 13.7





#23
 Vinyl Acetate
 Concen: 112.437 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048357.D
 Acq: 27 Oct 2025 10:04

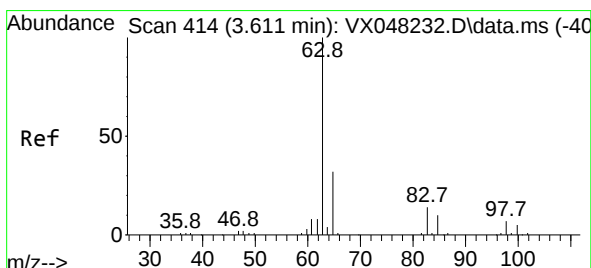
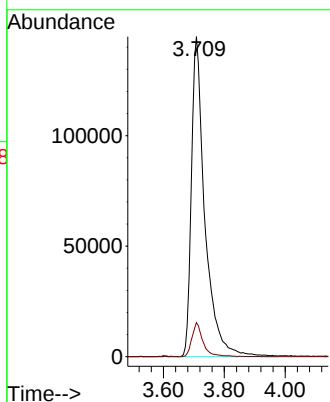
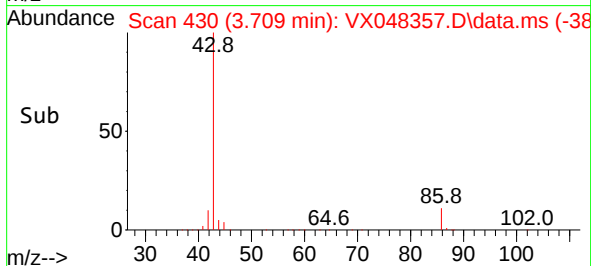
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01



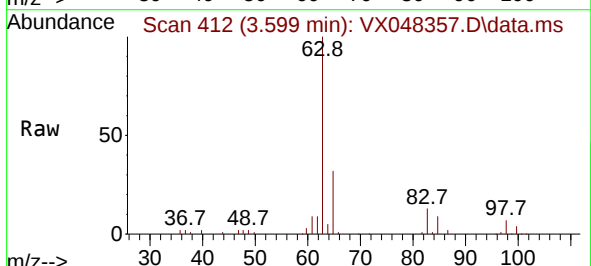
Tgt Ion: 43 Resp: 444900
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.9 11.9

Manual Integrations
 APPROVED

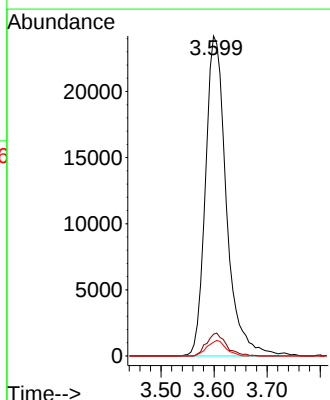
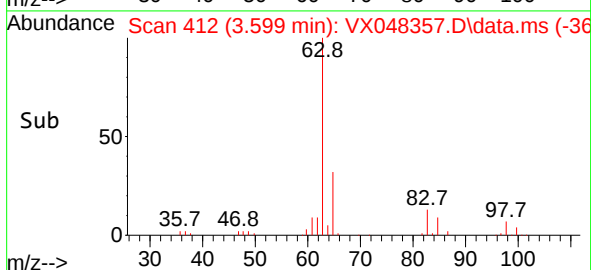
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

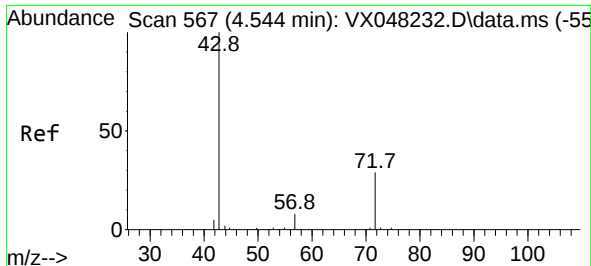


#24
 1,1-Dichloroethane
 Concen: 22.082 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048357.D
 Acq: 27 Oct 2025 10:04



Tgt Ion: 63 Resp: 66140
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.6 2.1 6.3





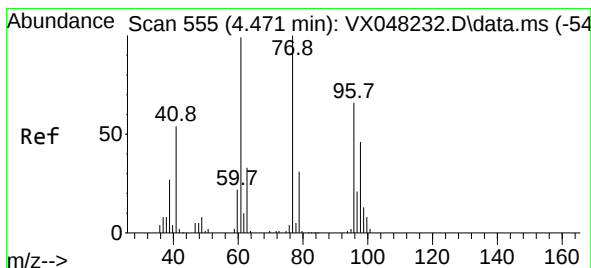
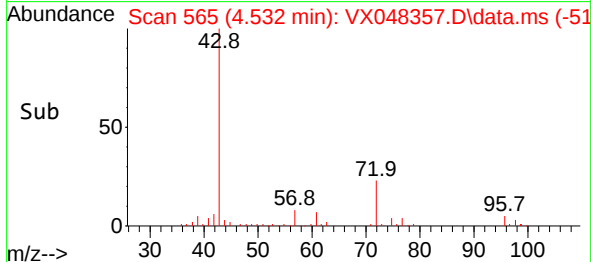
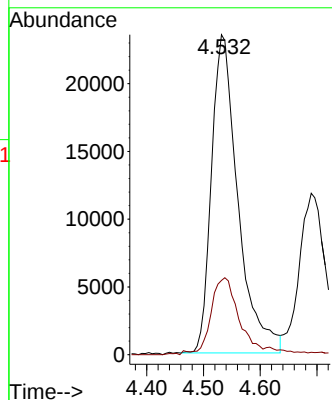
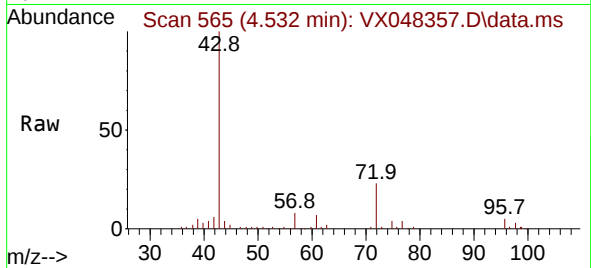
#25
2-Butanone
Concen: 87.924 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 43 Resp: 76270
Ion Ratio Lower Upper
43 100
72 22.6 19.9 29.9

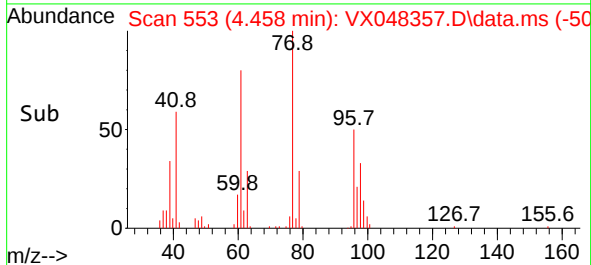
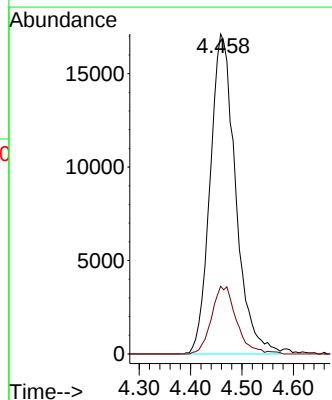
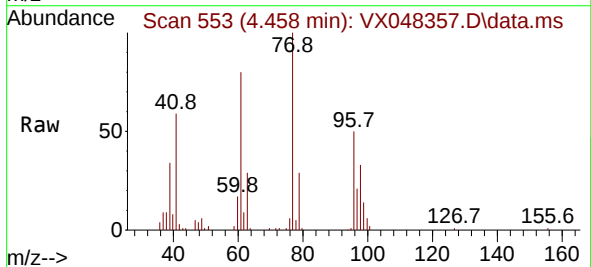
Manual Integrations
APPROVED

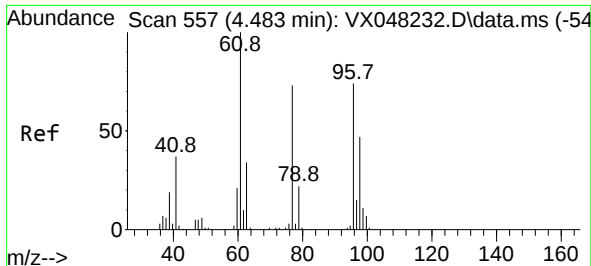
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#26
2,2-Dichloropropane
Concen: 21.762 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 77 Resp: 58835
Ion Ratio Lower Upper
77 100
97 20.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 21.353 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

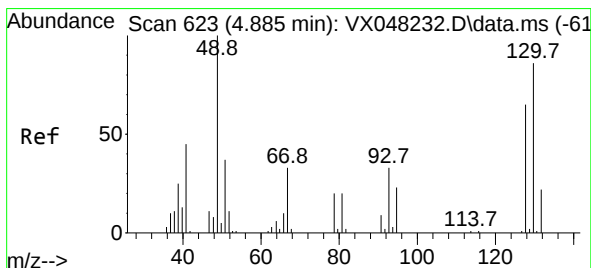
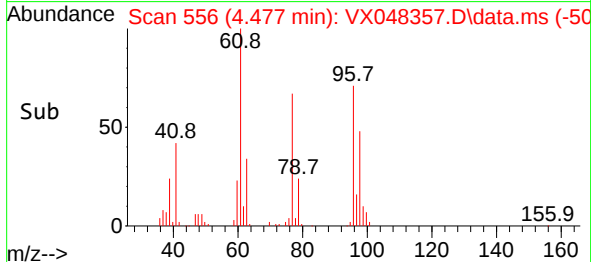
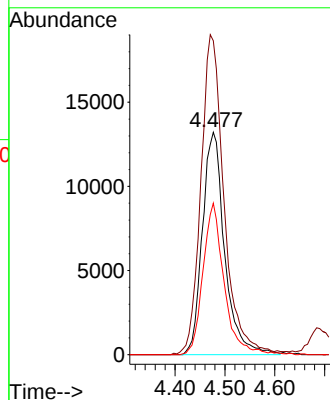
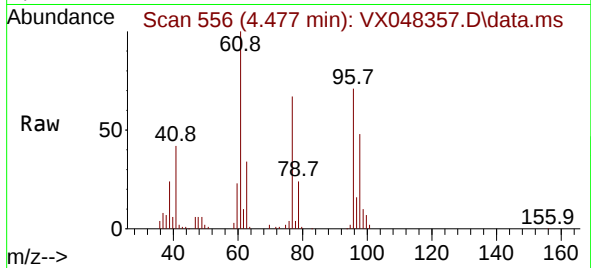
Tgt Ion: 96 Resp: 40948
Ion Ratio Lower Upper
96 100
61 150.2 0.0 294.2
98 65.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#28

Bromochloromethane

Concen: 21.731 ug/l

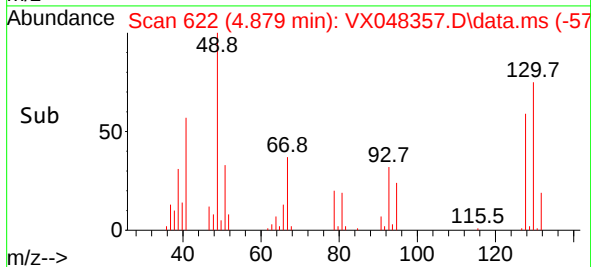
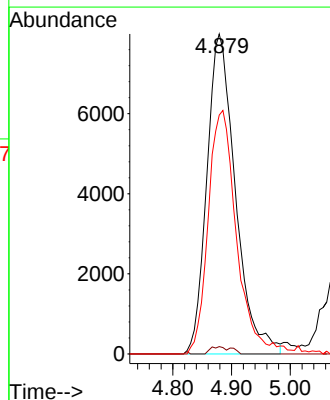
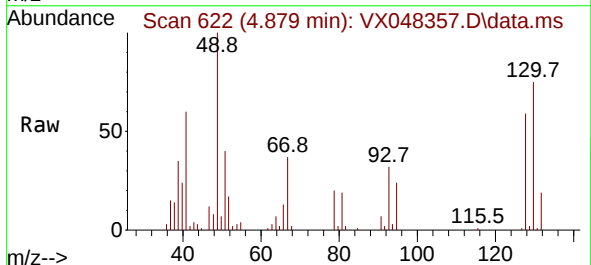
RT: 4.879 min Scan# 622

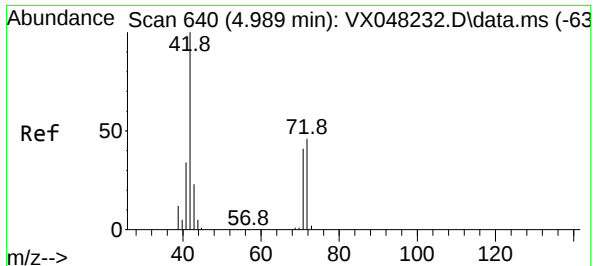
Delta R.T. -0.006 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Tgt Ion: 49 Resp: 26988
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.4
130 75.6 59.3 88.9





#29

Tetrahydrofuran

Concen: 98.168 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

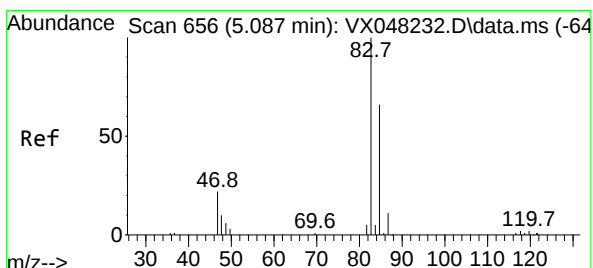
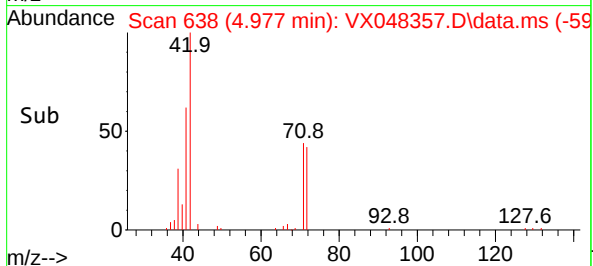
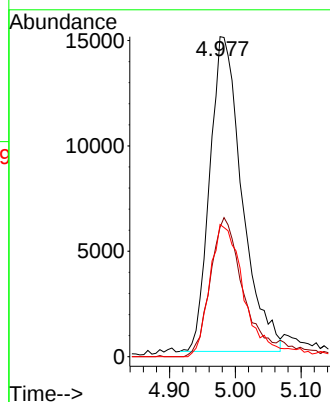
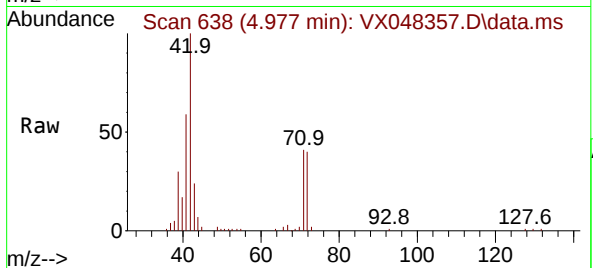
Tgt Ion: 42 Resp: 51000
 Ion Ratio Lower Upper
 42 100
 72 44.7 35.3 52.9
 71 45.4 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#30

Chloroform

Concen: 21.924 ug/l

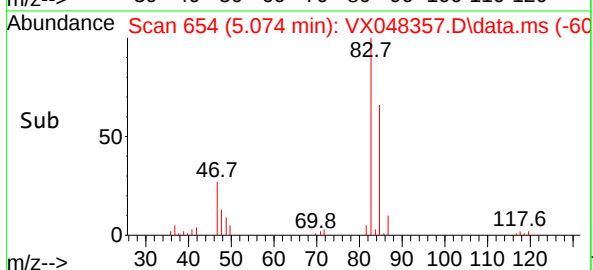
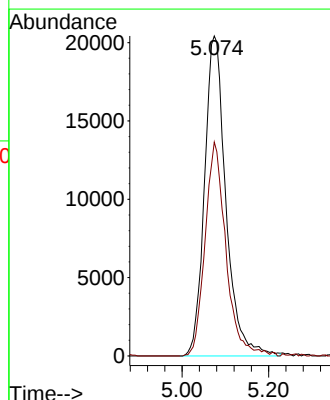
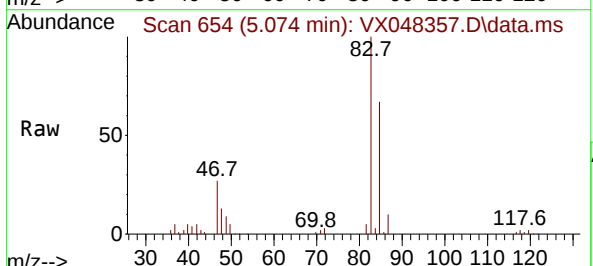
RT: 5.074 min Scan# 654

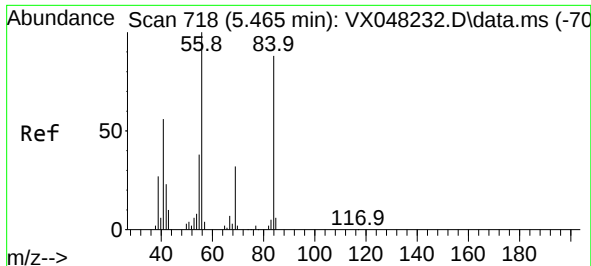
Delta R.T. -0.006 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

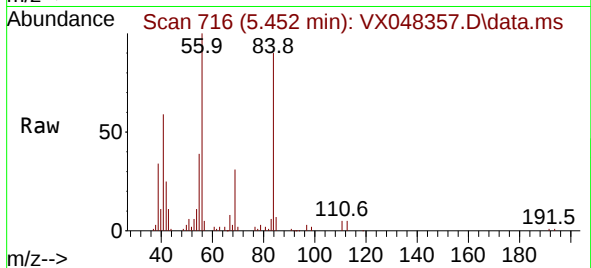
Tgt Ion: 83 Resp: 70158
 Ion Ratio Lower Upper
 83 100
 85 66.8 50.1 75.1





#31
Cyclohexane
Concen: 21.583 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

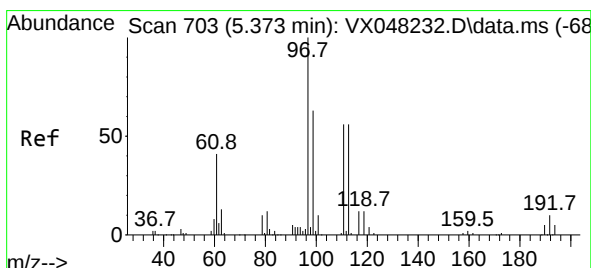
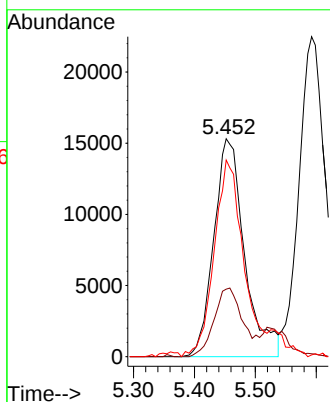
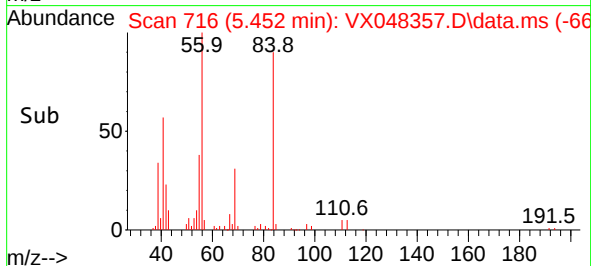
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 56 Resp: 5352
Ion Ratio Lower Upper
56 100
69 31.0 23.0 34.6
84 88.4 64.6 97.0

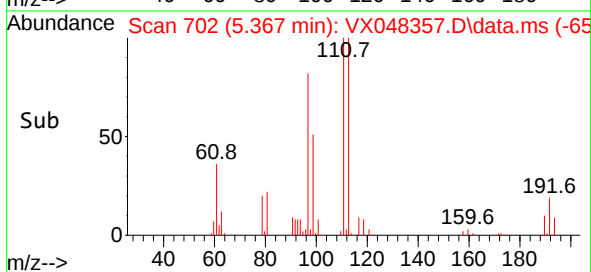
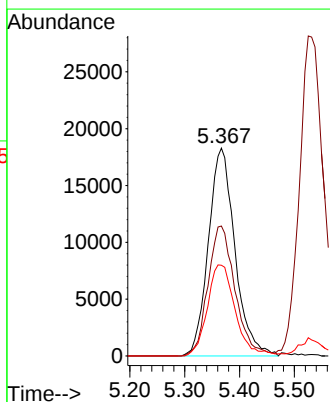
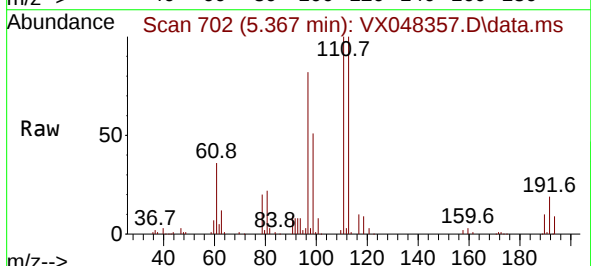
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#32
1,1,1-Trichloroethane
Concen: 20.865 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 97 Resp: 61535
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 45.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 59.308 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tgt Ion: 65 Resp: 118480

Ion Ratio Lower Upper

65 100

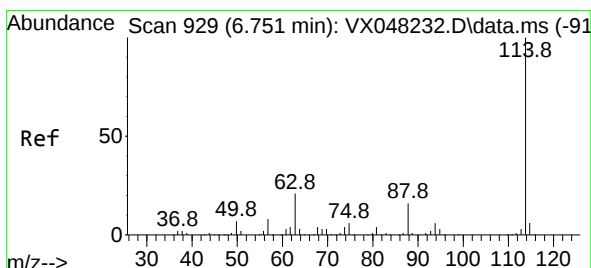
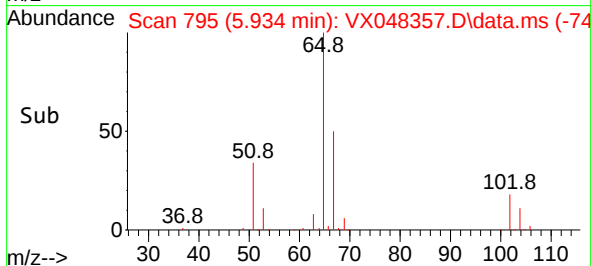
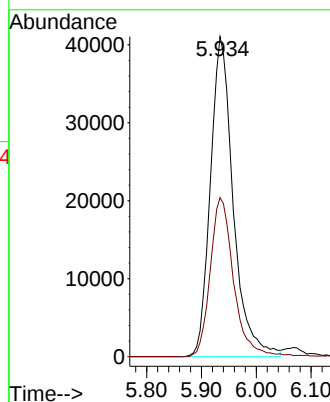
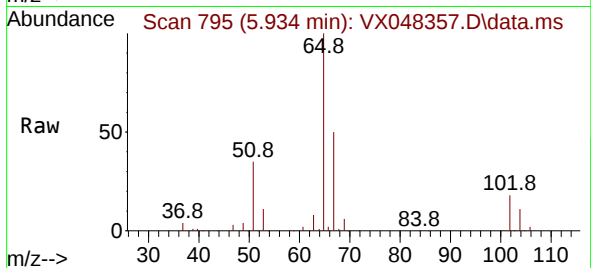
67 50.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.738 min Scan# 927

Delta R.T. -0.007 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

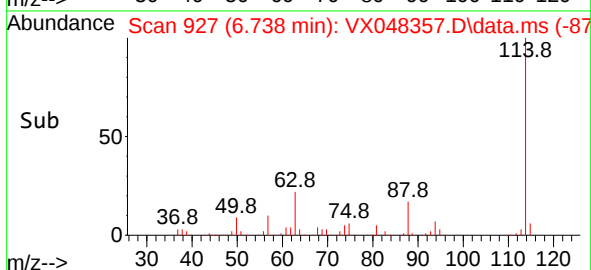
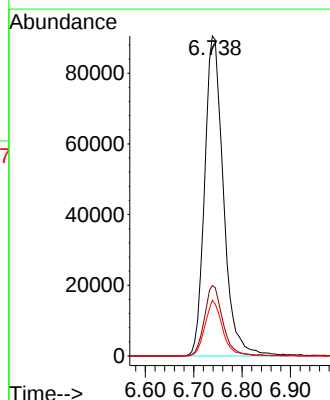
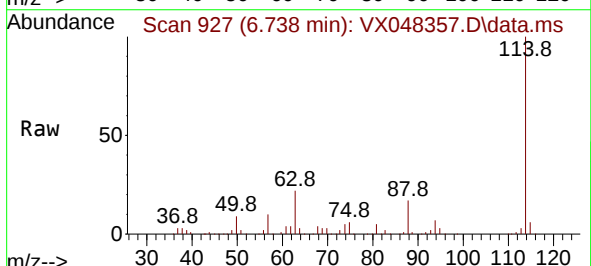
Tgt Ion:114 Resp: 244417

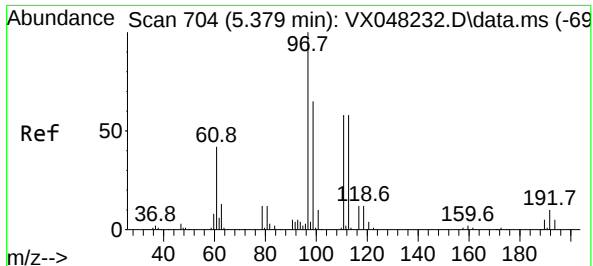
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

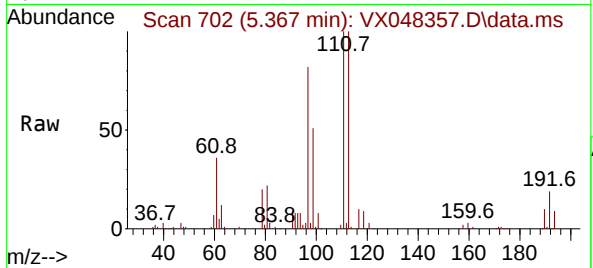
88 17.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 43.590 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

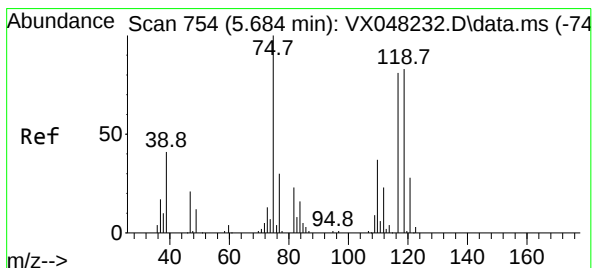
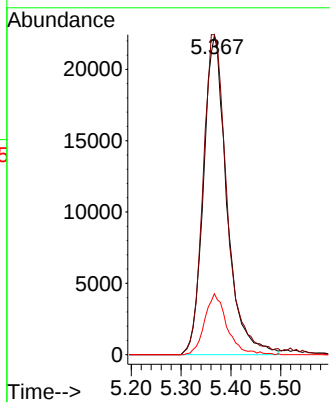
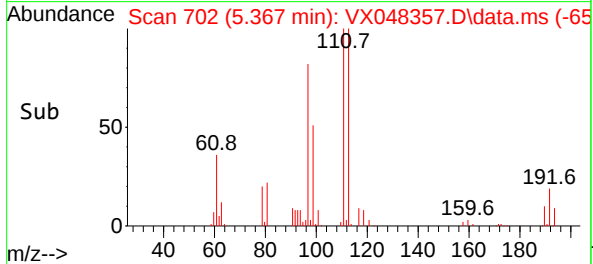
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 113 Resp: 72735
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.4 15.1 22.7

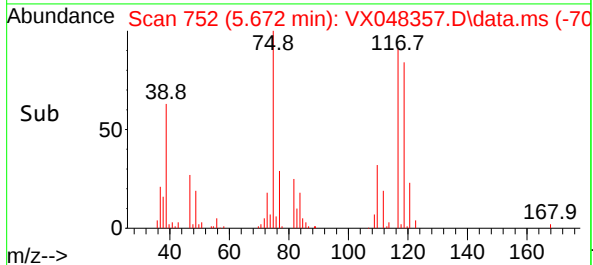
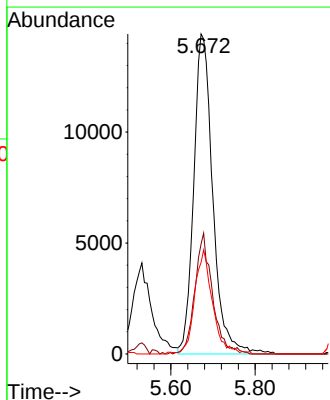
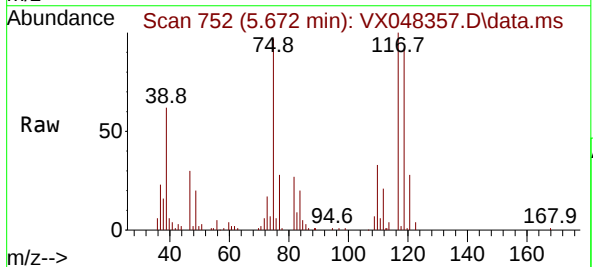
Manual Integrations
APPROVED

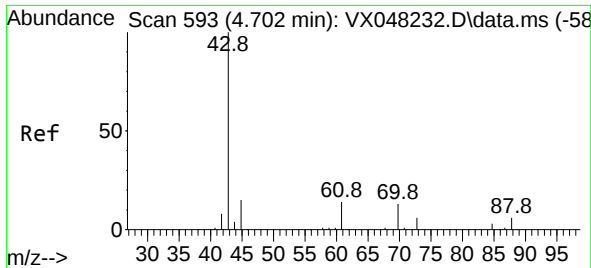
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#36
1,1-Dichloropropene
Concen: 19.160 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

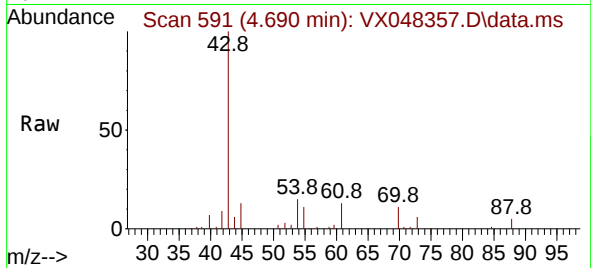
Tgt Ion: 75 Resp: 45441
Ion Ratio Lower Upper
75 100
110 34.9 17.7 53.1
77 28.9 24.3 36.5





#37
Ethyl Acetate
Concen: 20.938 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

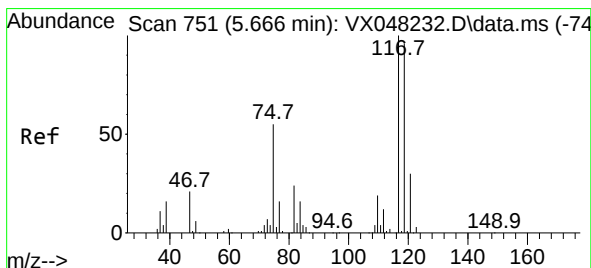
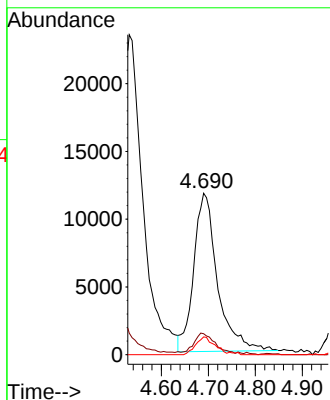
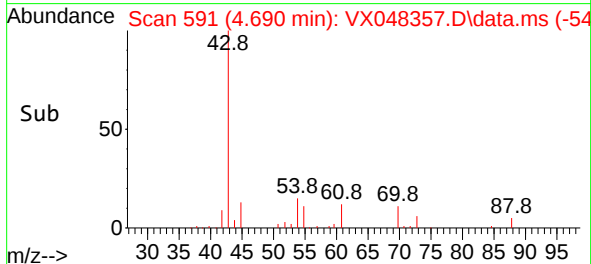
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 43 Resp: 41160
Ion Ratio Lower Upper
43 100
61 11.2 10.6 15.8
70 9.4 7.8 11.6

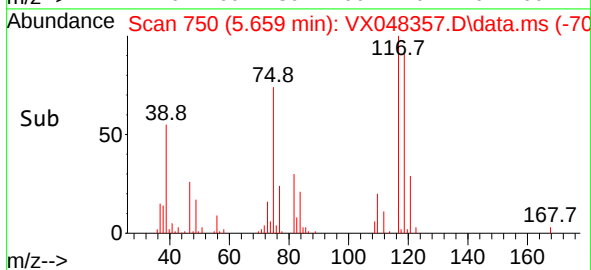
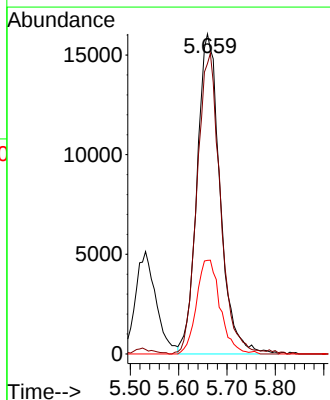
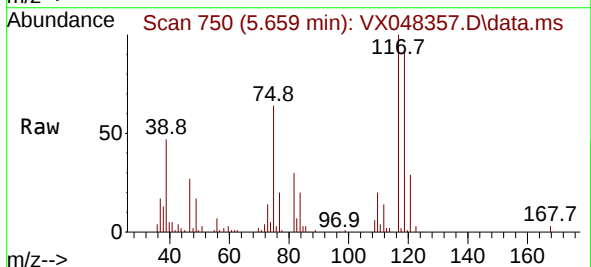
Manual Integrations
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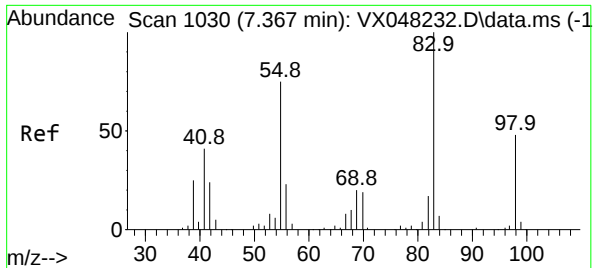
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#38
Carbon Tetrachloride
Concen: 18.167 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion:117 Resp: 53157
Ion Ratio Lower Upper
117 100
119 90.3 77.2 115.8
121 29.3 24.8 37.2





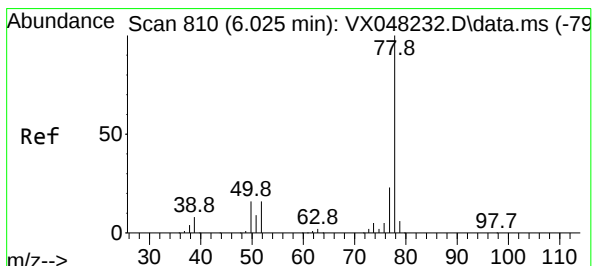
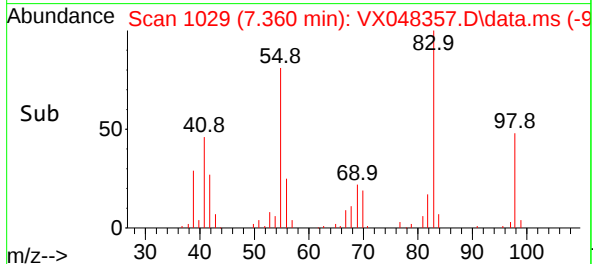
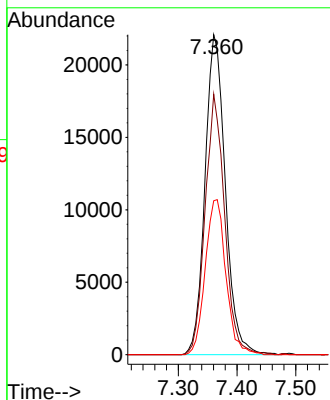
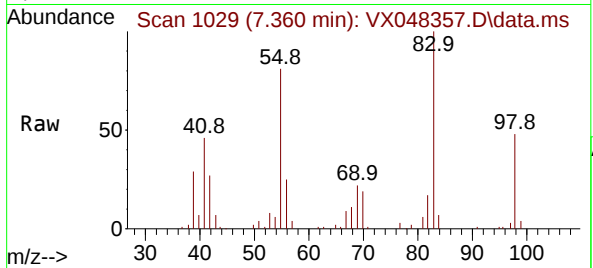
#39
Methylcyclohexane
Concen: 18.982 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 83 Resp: 5316
Ion Ratio Lower Upper
83 100
55 81.4 66.2 99.2
98 48.1 38.9 58.3

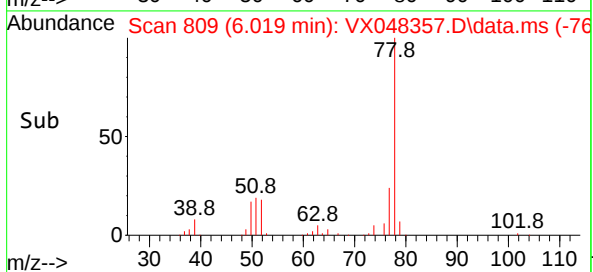
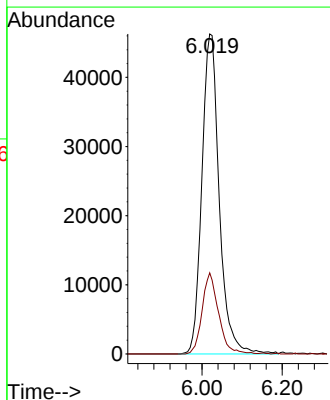
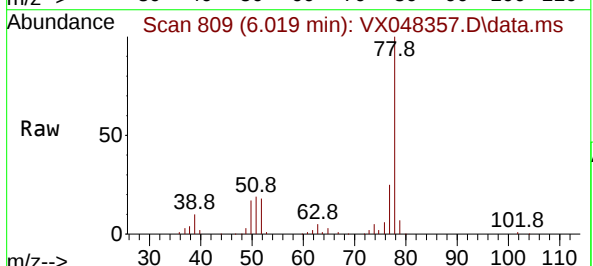
Manual Integrations
APPROVED

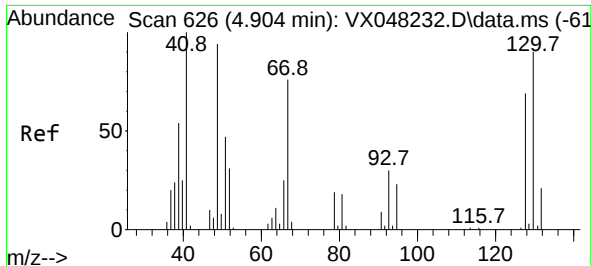
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#40
Benzene
Concen: 20.193 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

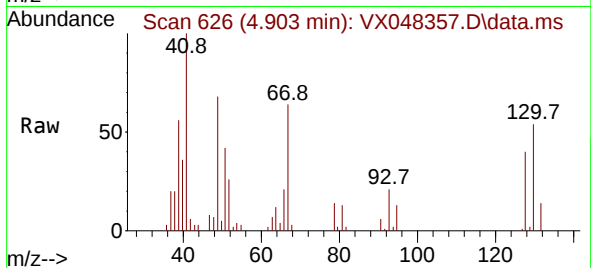
Tgt Ion: 78 Resp: 139040
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9





#41
Methacrylonitrile
Concen: 21.137 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

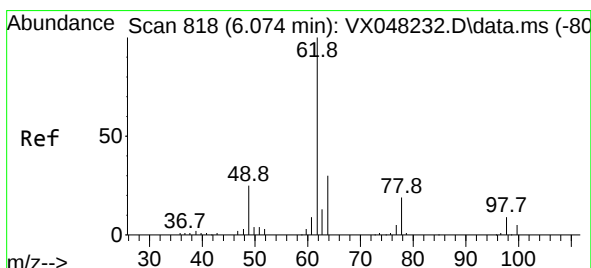
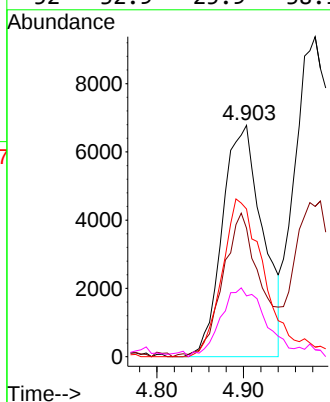
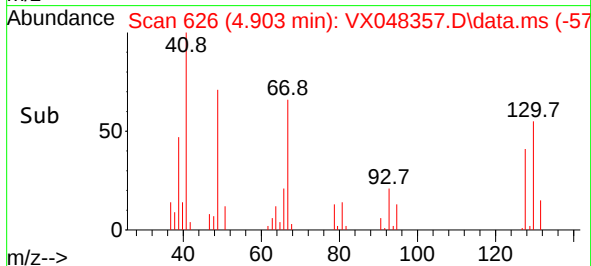
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 41 Resp: 2182
Ion Ratio Lower Upper
41 100
39 58.3 44.0 66.0
67 75.8 58.7 88.1
52 32.9 25.9 38.9

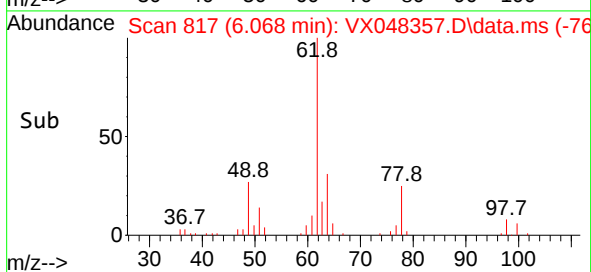
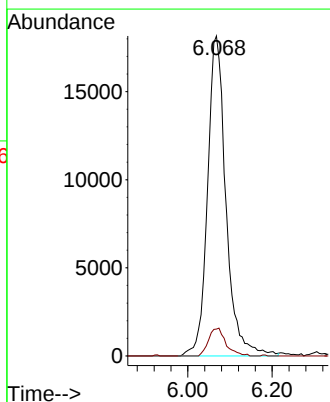
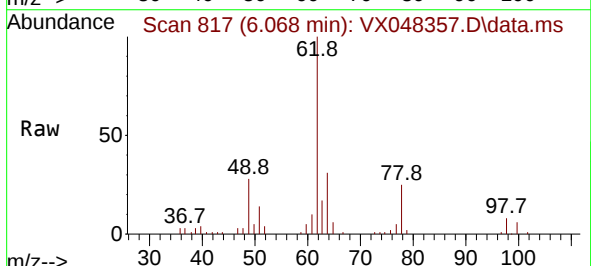
Manual Integrations
APPROVED

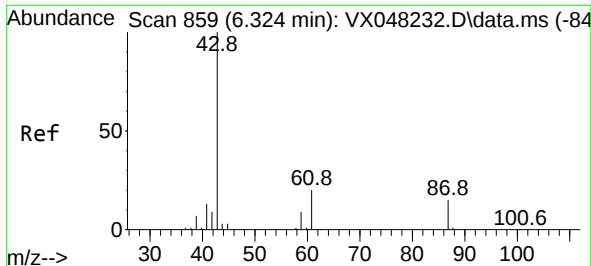
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#42
1,2-Dichloroethane
Concen: 21.734 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 62 Resp: 55222
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





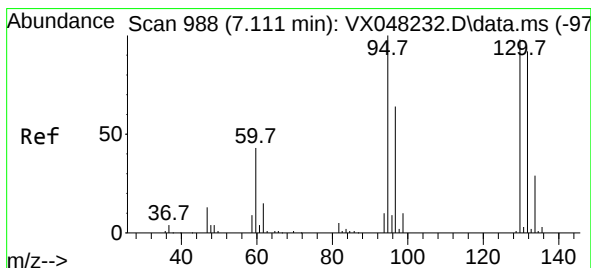
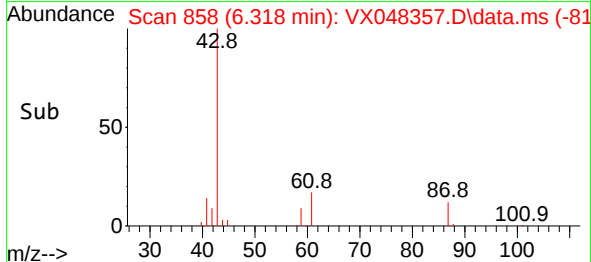
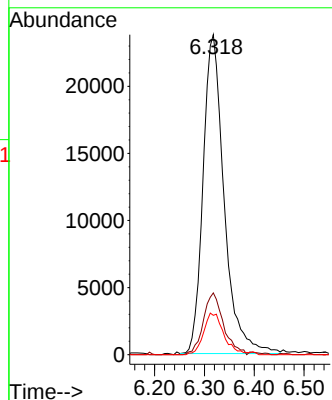
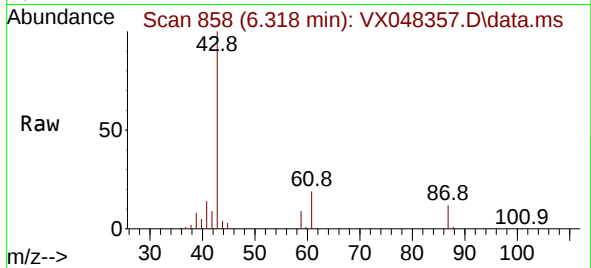
#43
Isopropyl Acetate
Concen: 21.579 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 43 Resp: 6968
Ion Ratio Lower Upper
43 100
61 18.6 14.9 22.3
87 12.6 9.4 14.2

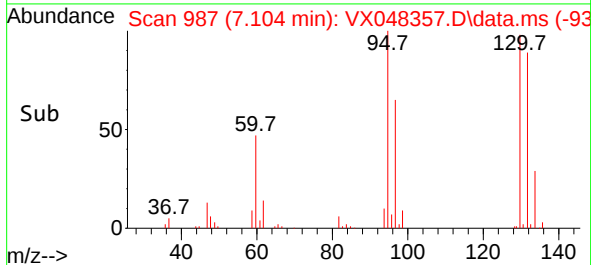
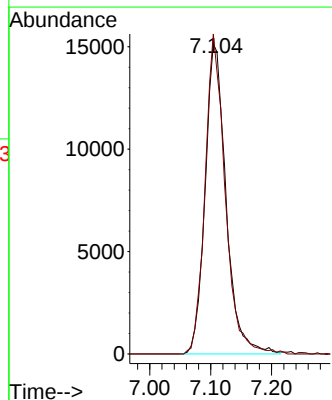
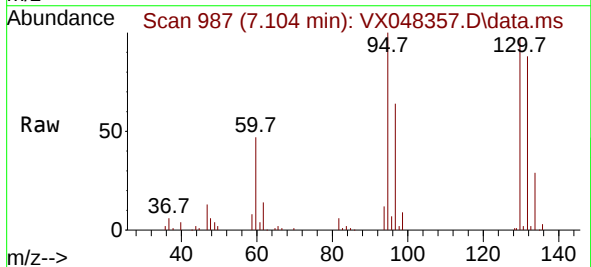
Manual Integrations
APPROVED

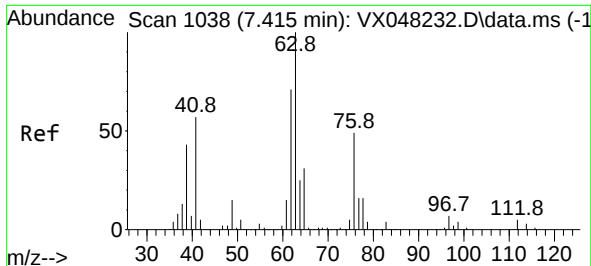
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#44
Trichloroethene
Concen: 19.905 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion:130 Resp: 36190
Ion Ratio Lower Upper
130 100
95 103.2 0.0 200.6





#45

1,2-Dichloropropane

Concen: 21.452 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tgt Ion: 63 Resp: 35120

Ion Ratio Lower Upper

63 100

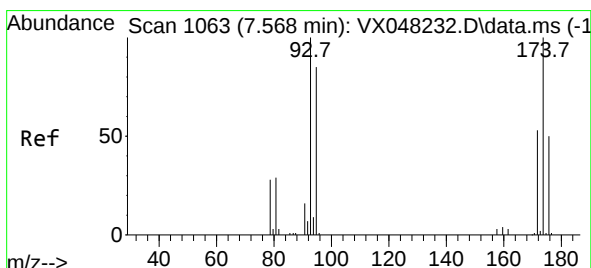
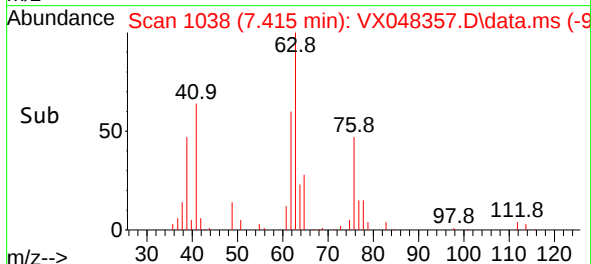
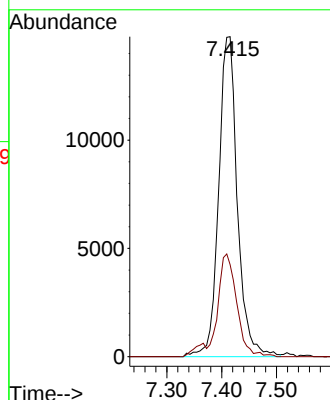
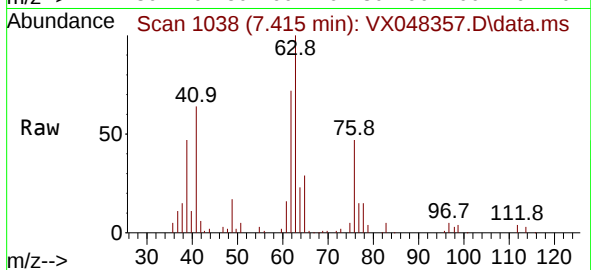
65 28.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#46

Dibromomethane

Concen: 20.325 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

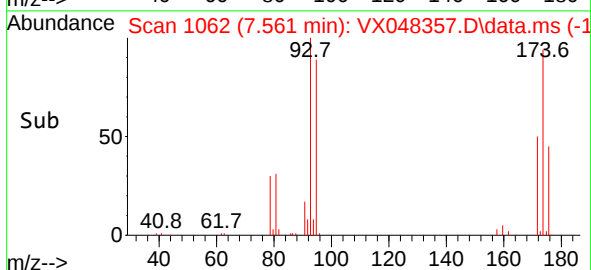
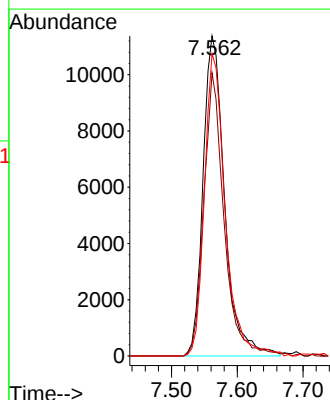
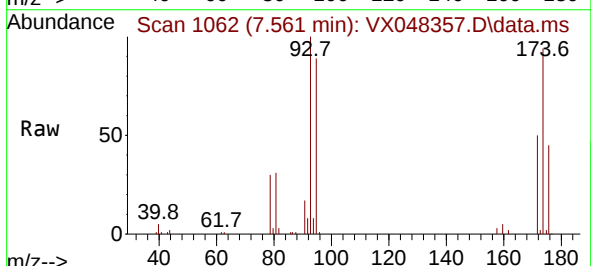
Tgt Ion: 93 Resp: 25923

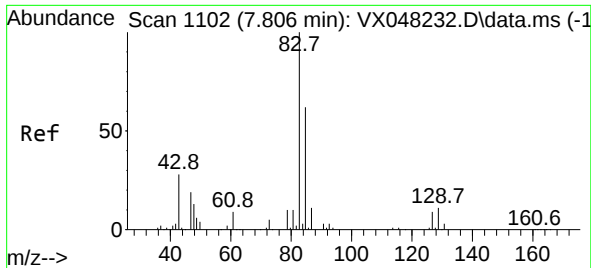
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 91.1 71.7 107.5





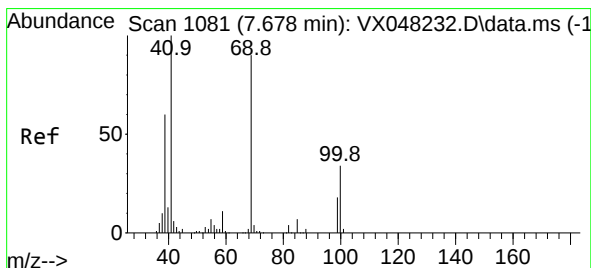
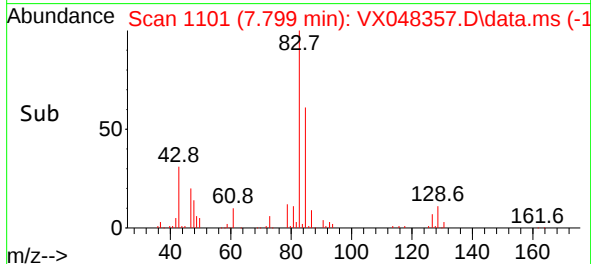
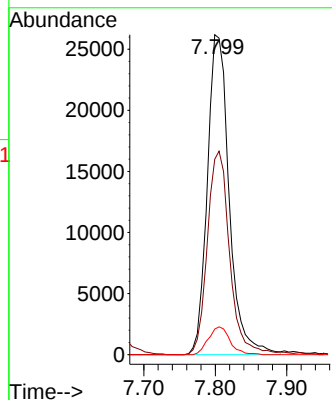
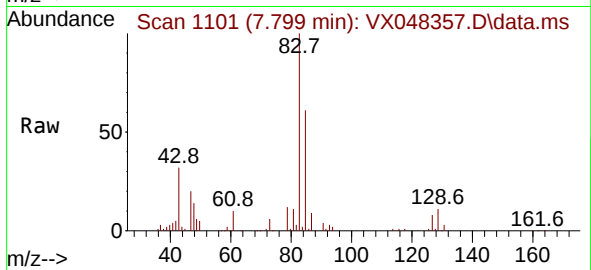
#47
Bromodichloromethane
Concen: 20.206 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 83 Resp: 5564
Ion Ratio Lower Upper
83 100
85 61.1 52.2 78.4
127 8.0 7.3 10.9

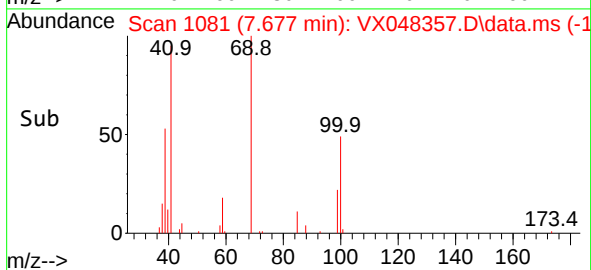
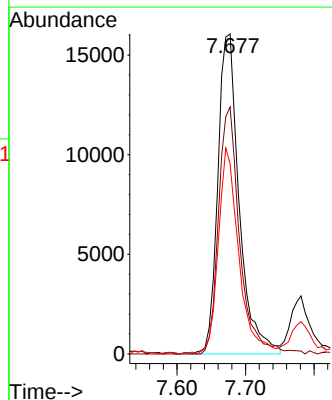
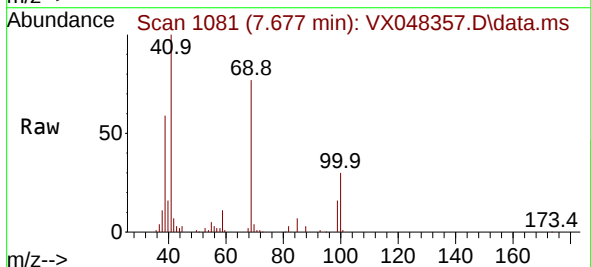
Manual Integrations
APPROVED

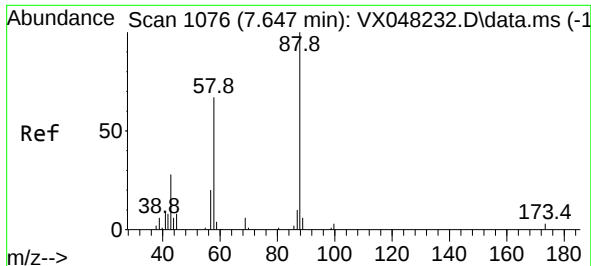
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#48
Methyl methacrylate
Concen: 21.366 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

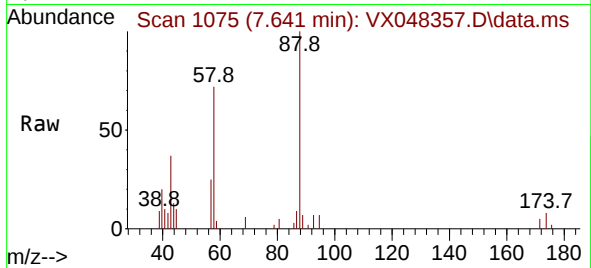
Tgt Ion: 41 Resp: 34813
Ion Ratio Lower Upper
41 100
69 76.3 63.4 95.0
39 61.6 47.1 70.7





#49
1,4-Dioxane
Concen: 350.450 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

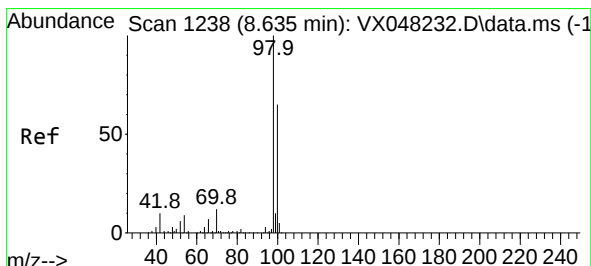
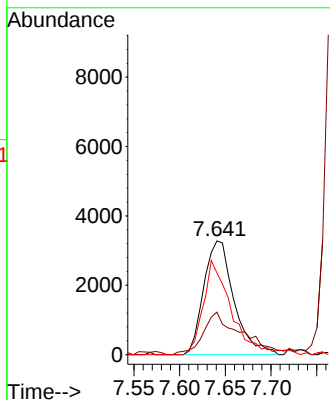
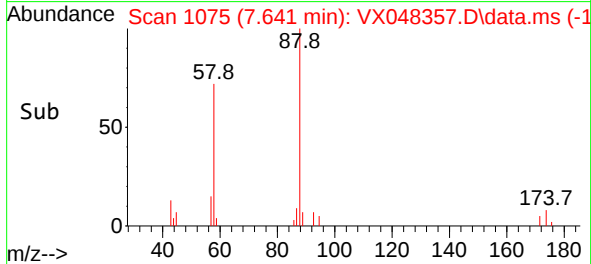
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 88 Resp: 7544
Ion Ratio Lower Upper
88 100
43 46.9 35.0 52.4
58 77.3 61.9 92.9

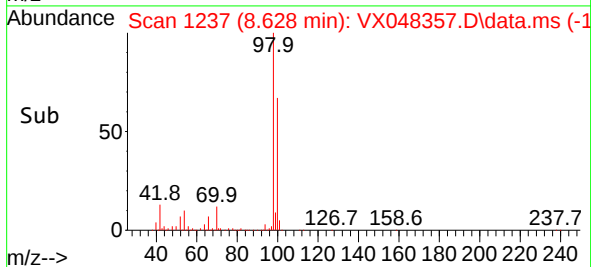
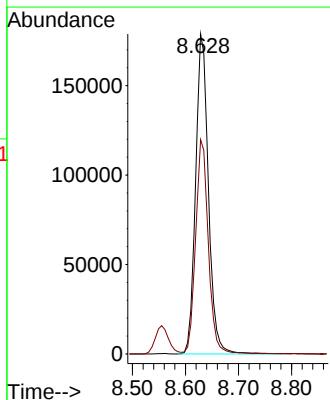
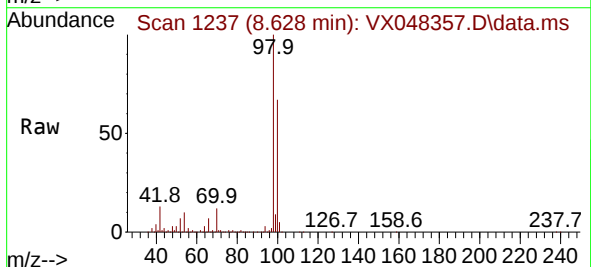
Manual Integrations
APPROVED

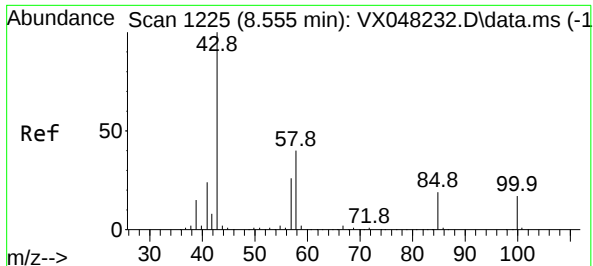
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#50
Toluene-d8
Concen: 51.377 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

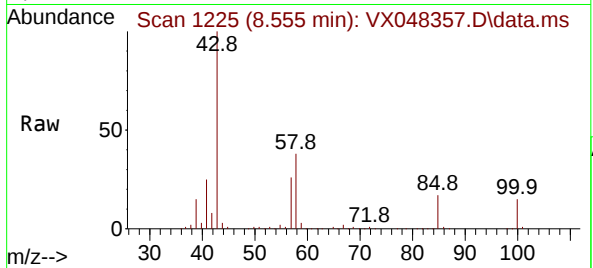
Tgt Ion: 98 Resp: 300486
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 106.262 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

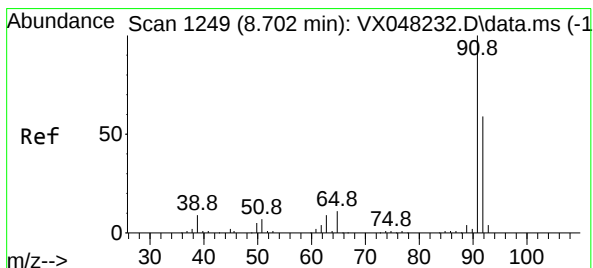
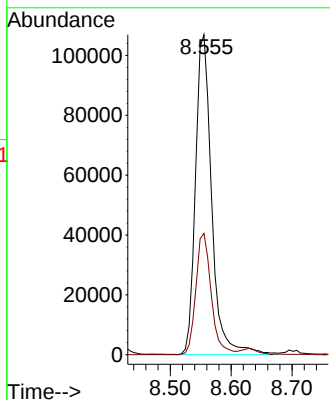
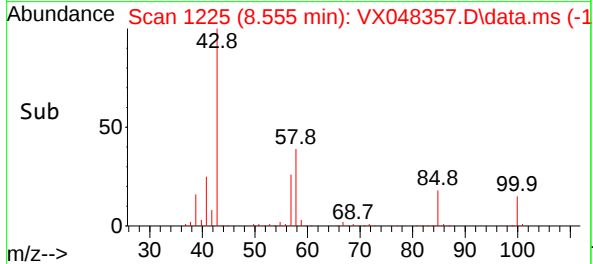
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion: 43 Resp: 19783
Ion Ratio Lower Upper
43 100
58 35.7 29.5 44.3

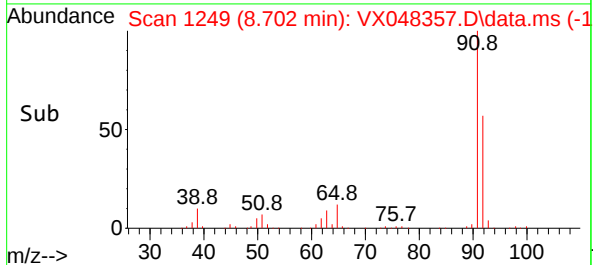
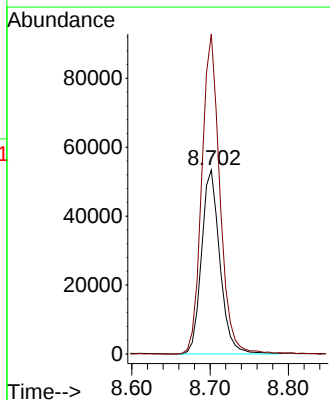
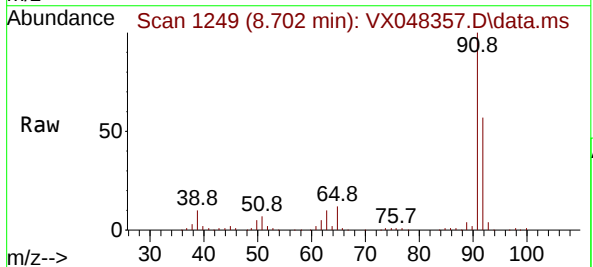
Manual Integrations
APPROVED

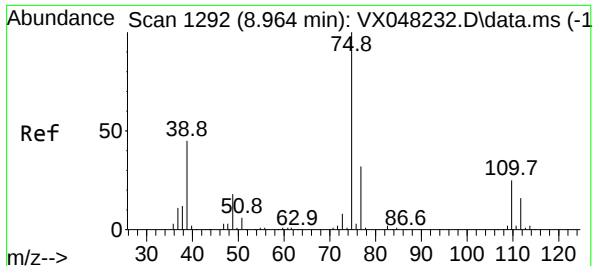
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#52
Toluene
Concen: 19.800 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 92 Resp: 86611
Ion Ratio Lower Upper
92 100
91 172.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.697 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tgt Ion: 75 Resp: 5227

Ion Ratio Lower Upper

75 100

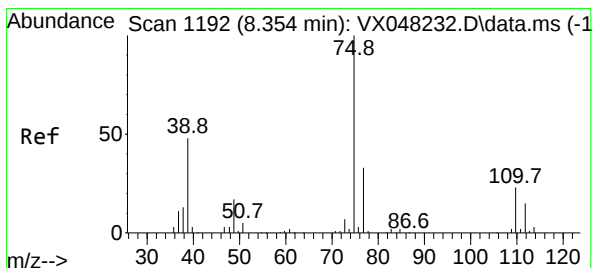
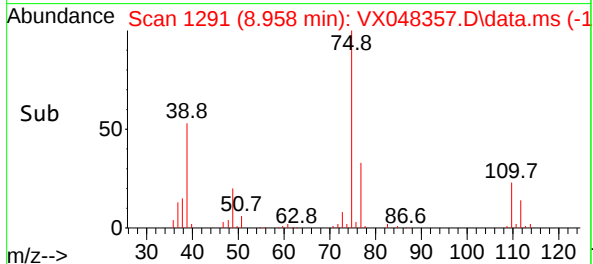
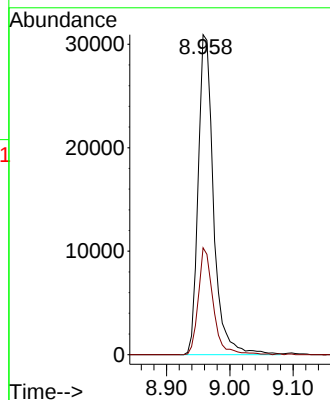
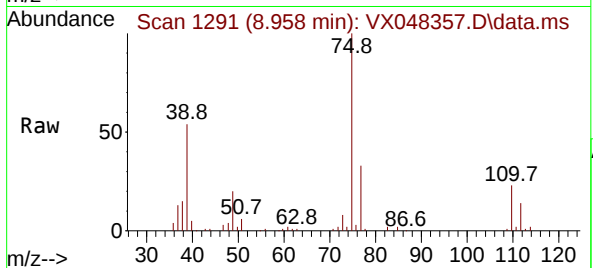
77 33.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#54

cis-1,3-Dichloropropene

Concen: 19.269 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

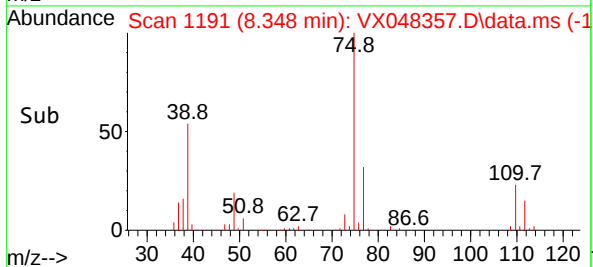
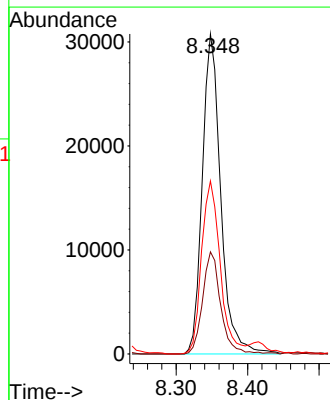
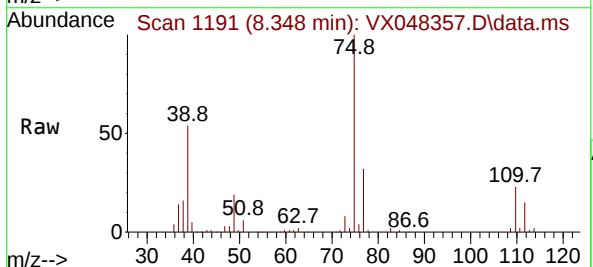
Tgt Ion: 75 Resp: 55170

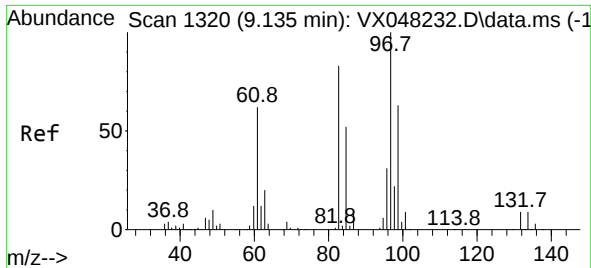
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 58.9 42.6 64.0





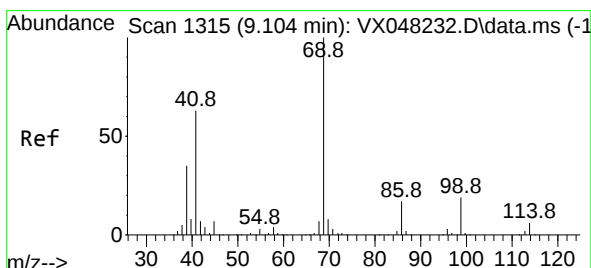
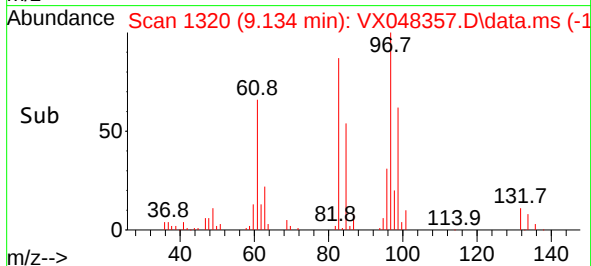
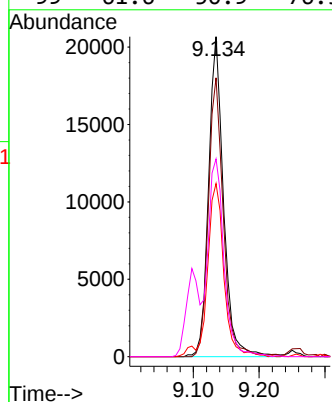
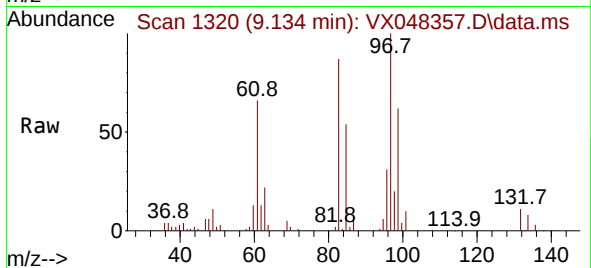
#55
1,1,2-Trichloroethane
Concen: 20.165 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 97	Resp: 32804
Ion Ratio	Lower Upper
97 100	
83 87.2	70.6 105.8
85 54.1	45.0 67.6
99 61.6	50.9 76.3

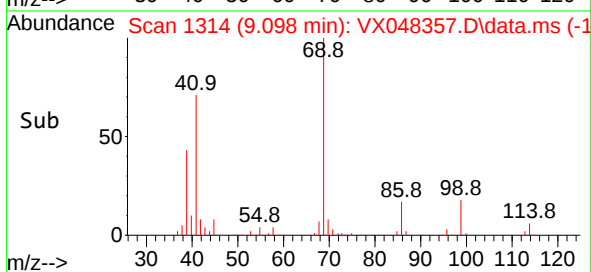
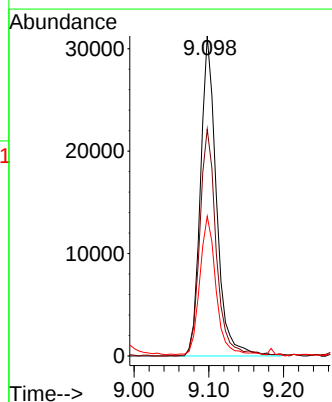
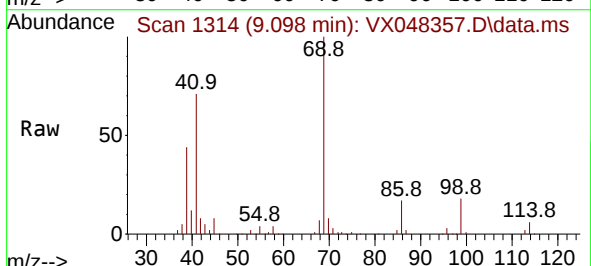
Manual Integrations
APPROVED

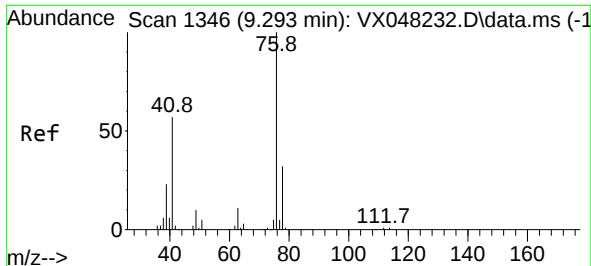
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#56
Ethyl methacrylate
Concen: 19.563 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 69	Resp: 46549
Ion Ratio	Lower Upper
69 100	
41 73.1	56.0 84.0
39 43.4	31.6 47.4





#57

1,3-Dichloropropane

Concen: 20.825 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tgt Ion: 76 Resp: 5786

Ion Ratio Lower Upper

76 100

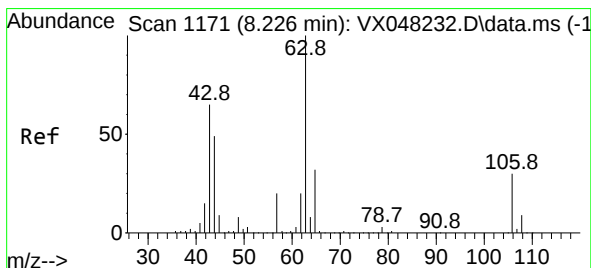
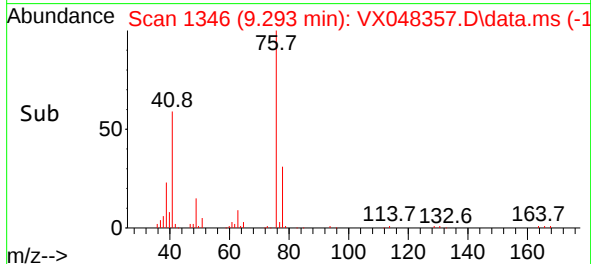
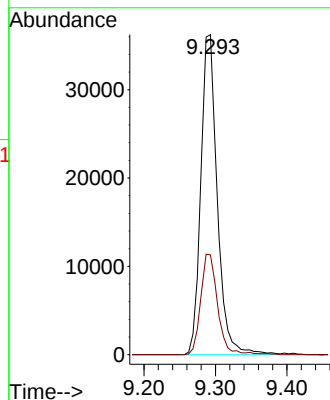
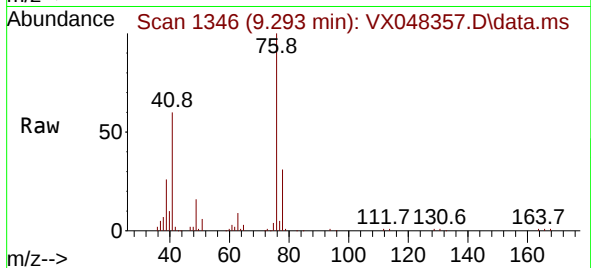
78 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.971 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048357.D

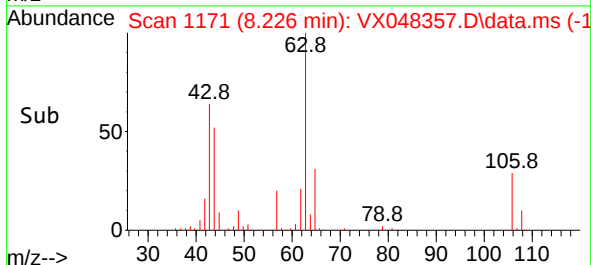
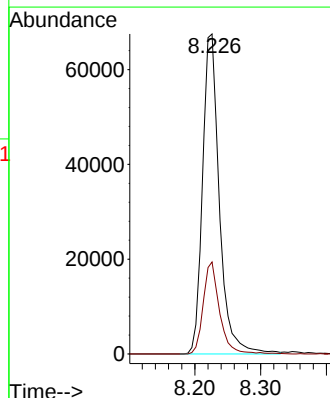
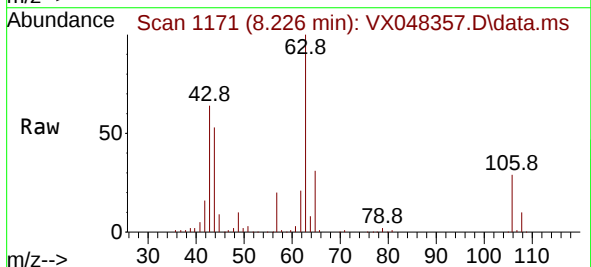
Acq: 27 Oct 2025 10:04

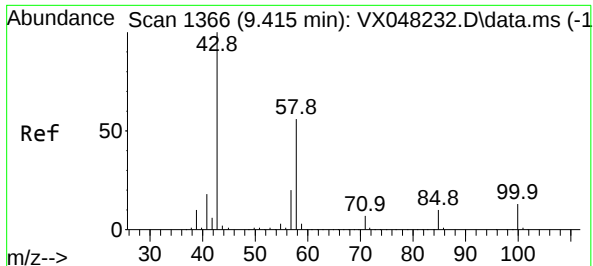
Tgt Ion: 63 Resp: 120150

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





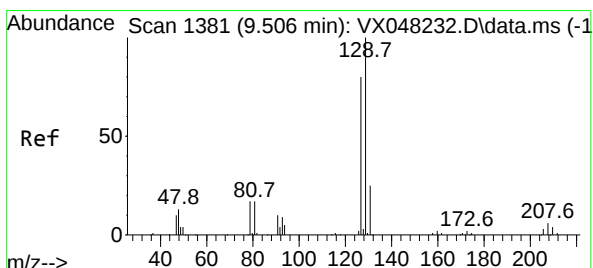
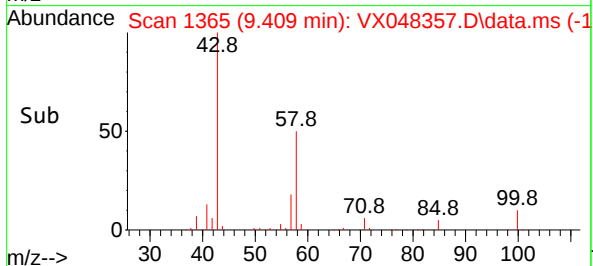
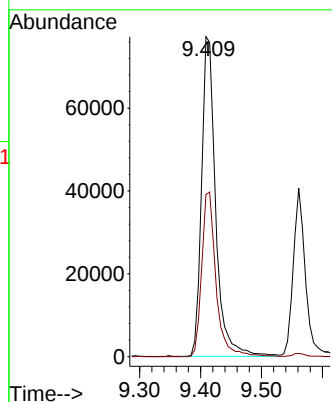
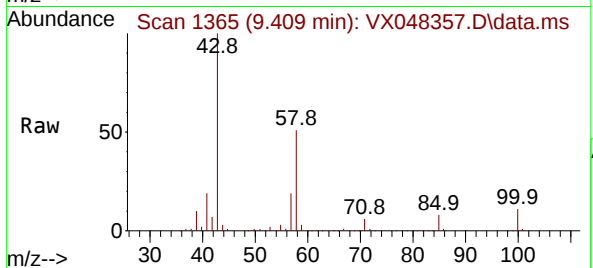
#59
2-Hexanone
Concen: 96.144 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 43 Resp: 12481
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.8

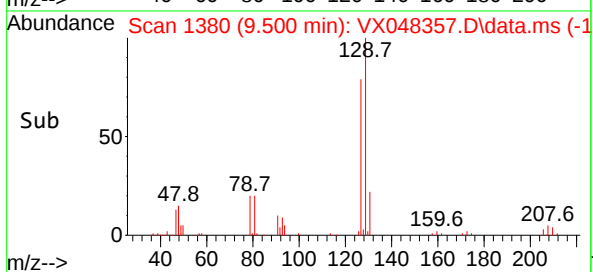
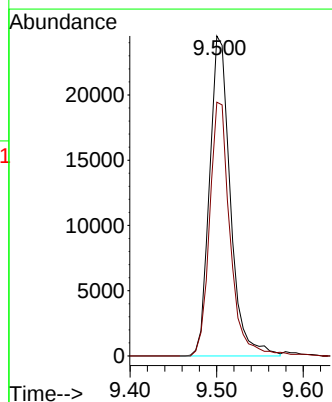
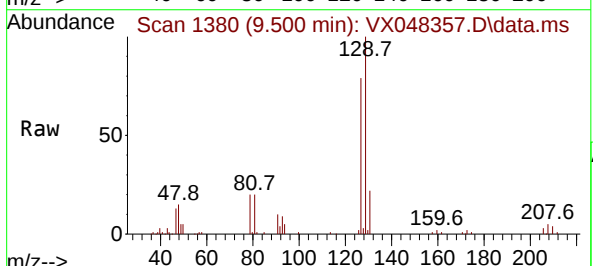
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#60
Dibromochloromethane
Concen: 18.694 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

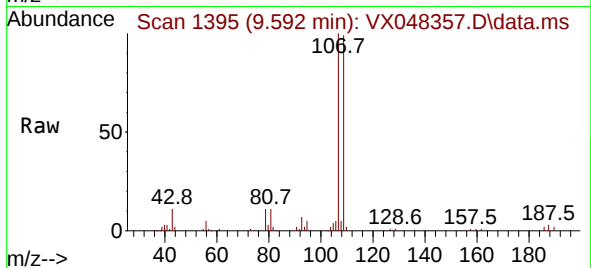
Tgt Ion:129 Resp: 40873
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.441 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

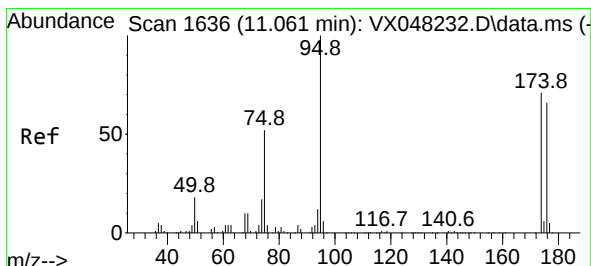
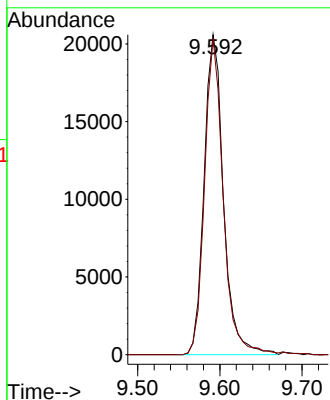
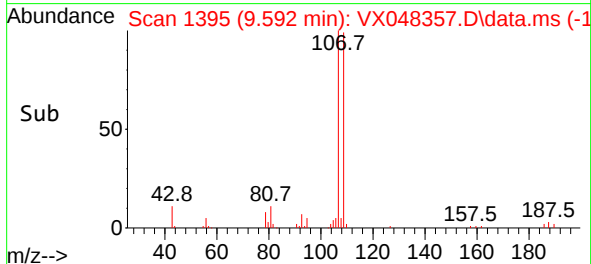
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



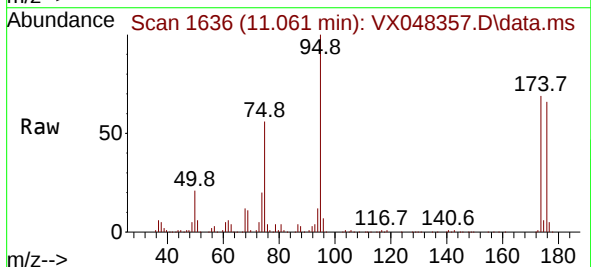
Tgt Ion:107 Resp: 33715
Ion Ratio Lower Upper
107 100
109 95.9 77.0 115.4

Manual Integrations
APPROVED

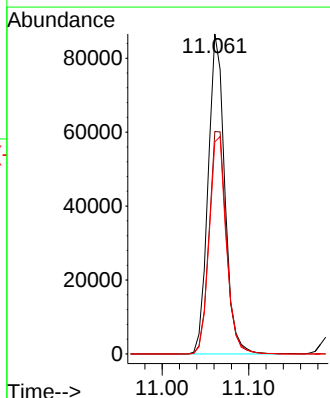
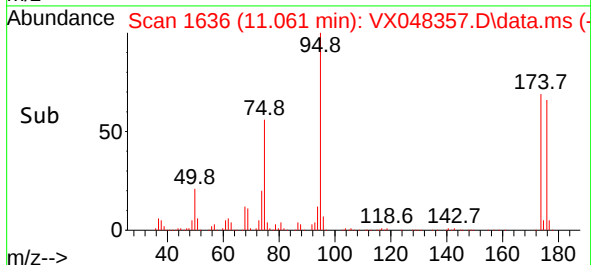
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

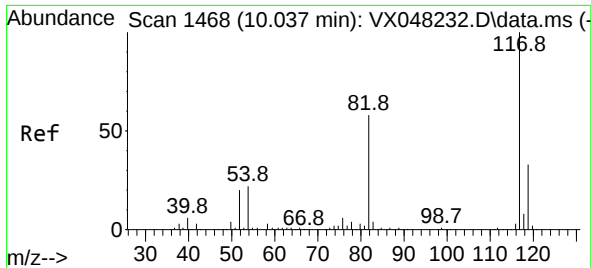


#62
4-Bromofluorobenzene
Concen: 51.834 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



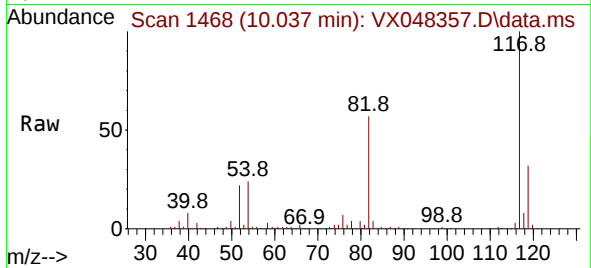
Tgt Ion: 95 Resp: 115332
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.8
176 69.9 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

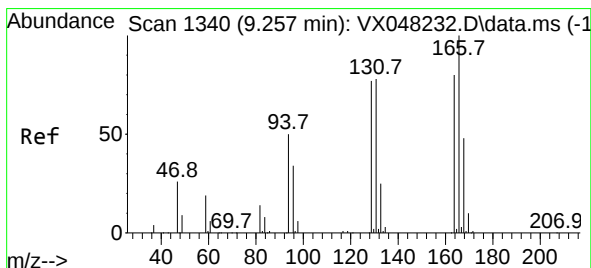
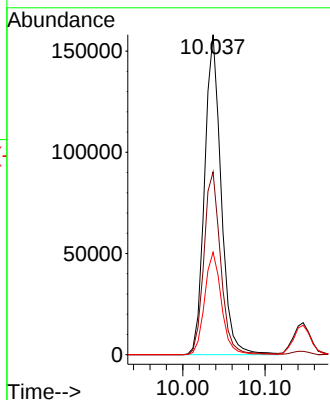
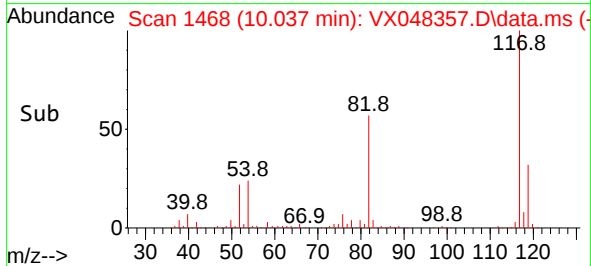
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



Tgt Ion:117 Resp: 22110
Ion Ratio Lower Upper
117 100
82 57.1 46.5 69.7
119 32.0 25.9 38.9

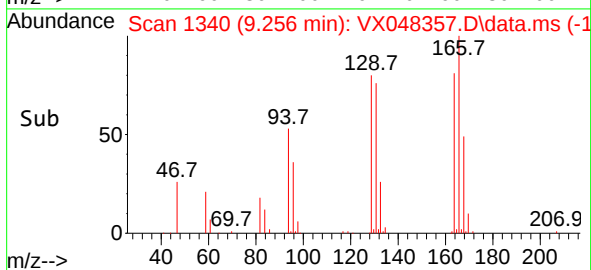
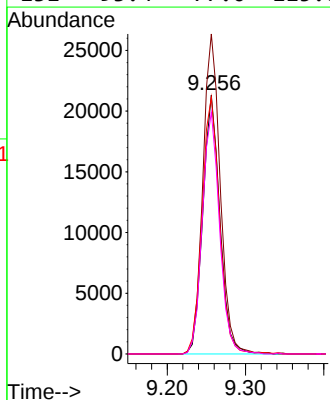
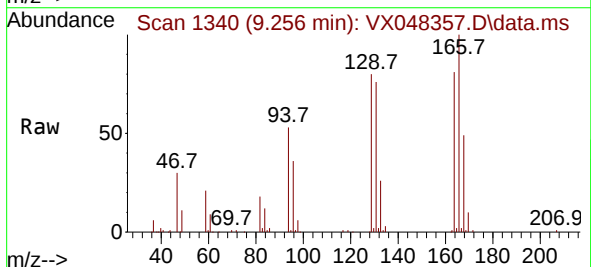
Manual Integrations
APPROVED

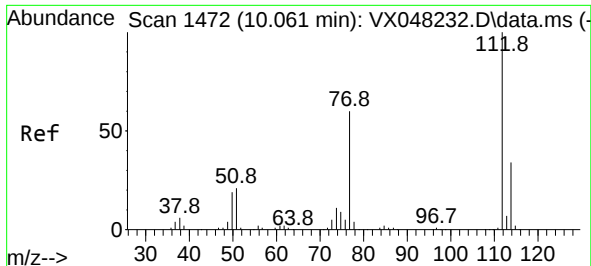
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#64
Tetrachloroethene
Concen: 19.527 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion:164 Resp: 32232
Ion Ratio Lower Upper
164 100
166 123.6 104.5 156.7
129 99.2 81.8 122.6
131 93.4 77.0 115.6





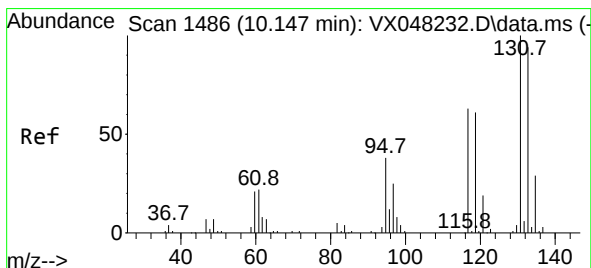
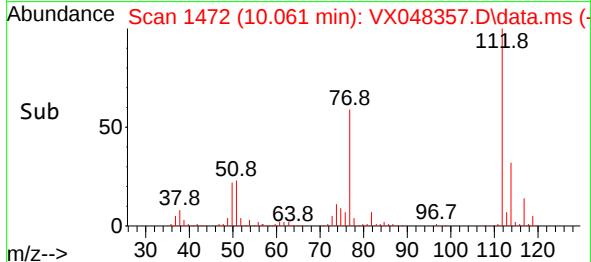
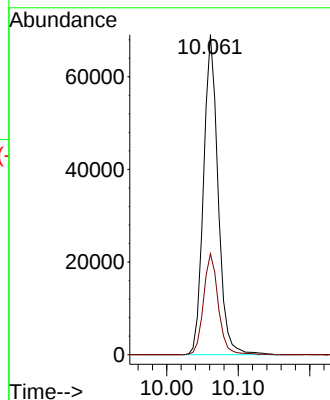
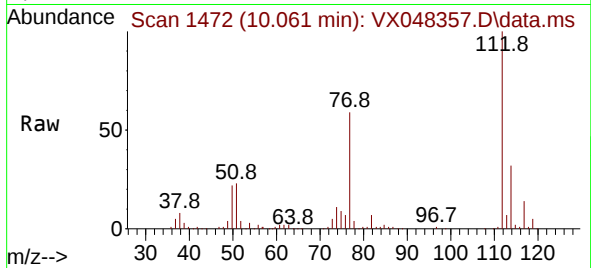
#65
Chlorobenzene
Concen: 19.640 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion:112 Resp: 9768
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2

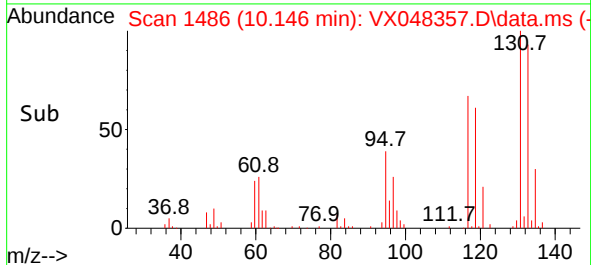
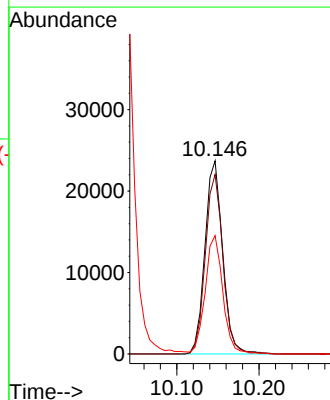
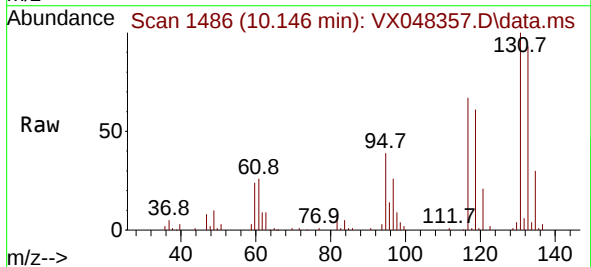
Manual Integrations
APPROVED

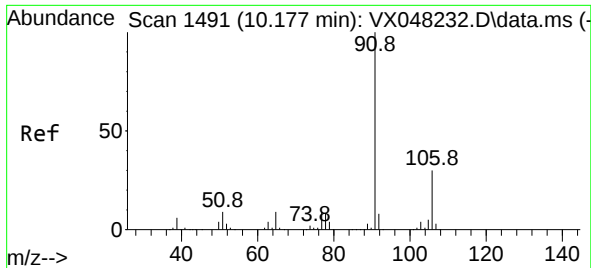
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.417 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

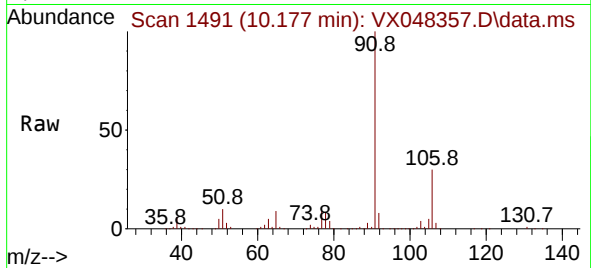
Tgt Ion:131 Resp: 35473
Ion Ratio Lower Upper
131 100
133 92.6 47.6 142.8
119 61.4 32.5 97.5





#67
Ethyl Benzene
Concen: 19.368 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

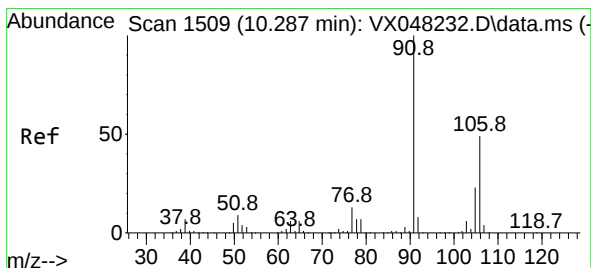
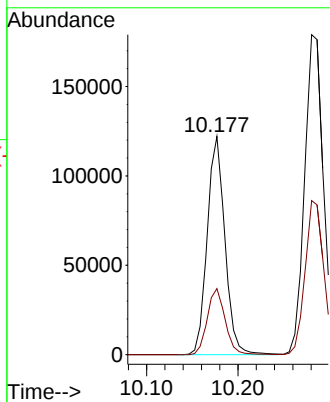
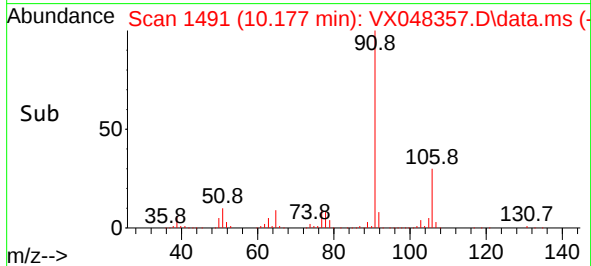
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



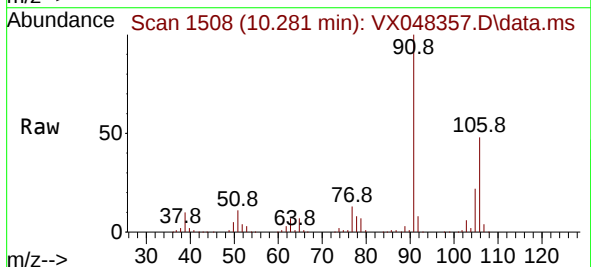
Tgt Ion: 91 Resp: 164010
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

Manual Integrations
APPROVED

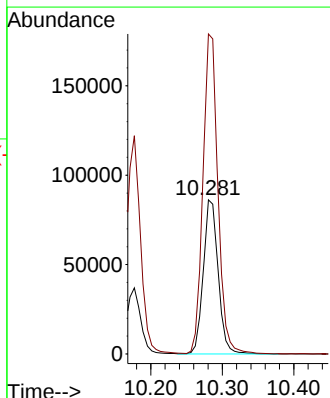
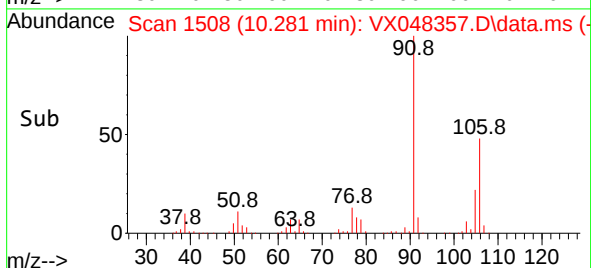
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

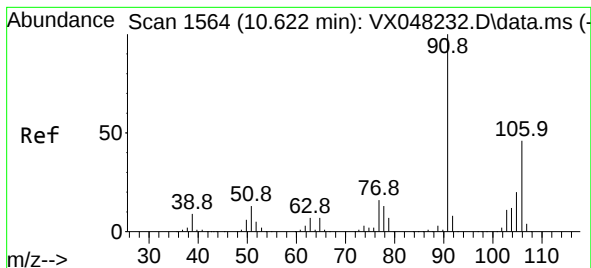


#68
m/p-Xylenes
Concen: 39.537 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



Tgt Ion:106 Resp: 124400
Ion Ratio Lower Upper
106 100
91 209.8 167.9 251.9





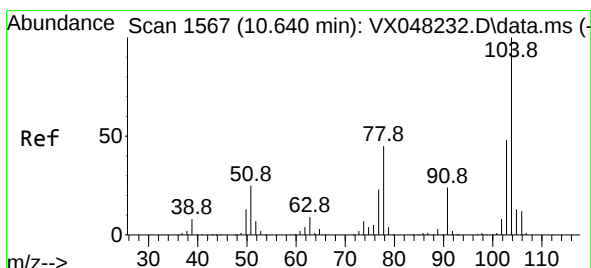
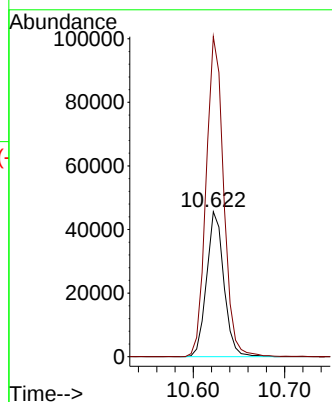
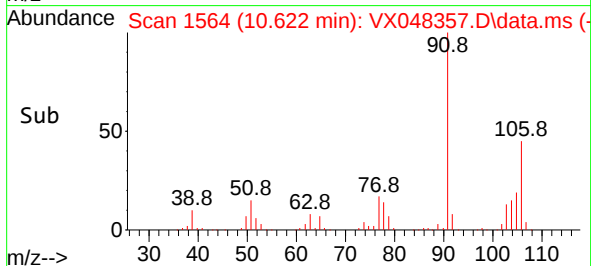
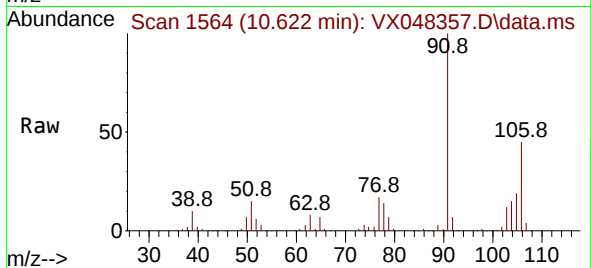
#69
o-Xylene
Concen: 19.665 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion:106 Resp: 59735
Ion Ratio Lower Upper
106 100
91 224.3 111.3 333.9

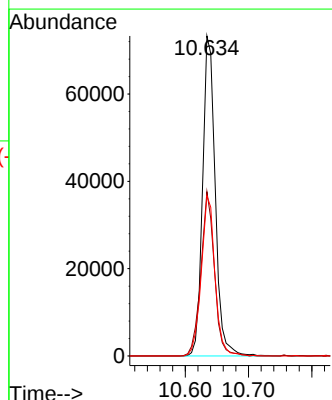
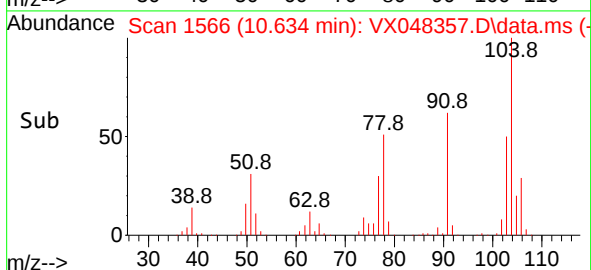
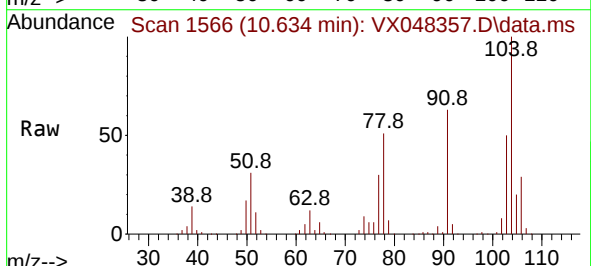
Manual Integrations
APPROVED

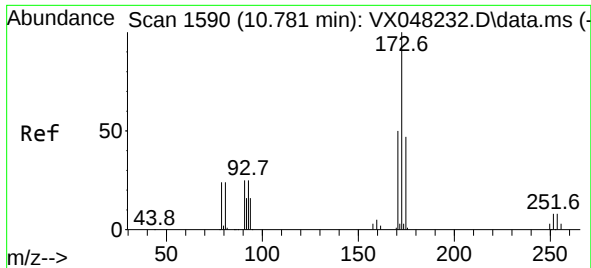
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#70
Styrene
Concen: 19.825 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

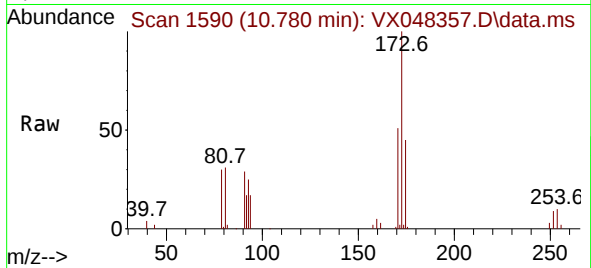
Tgt Ion:104 Resp: 102542
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.4
103 54.0 43.0 64.4





#71
Bromoform
Concen: 17.008 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

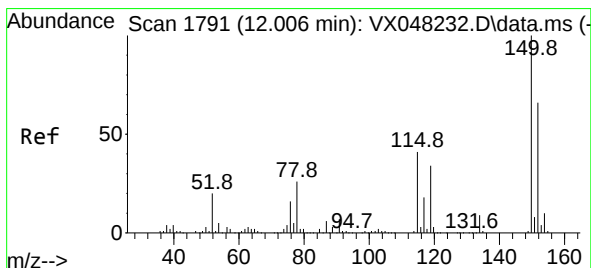
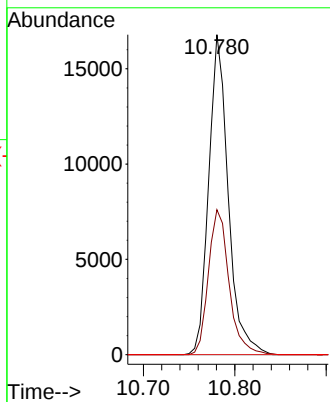
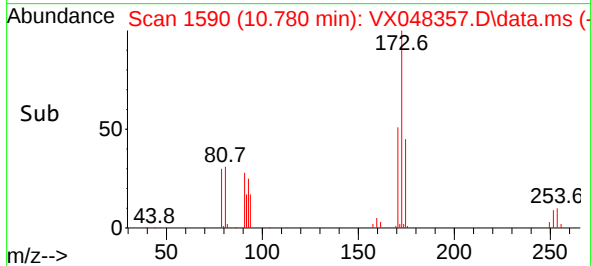
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



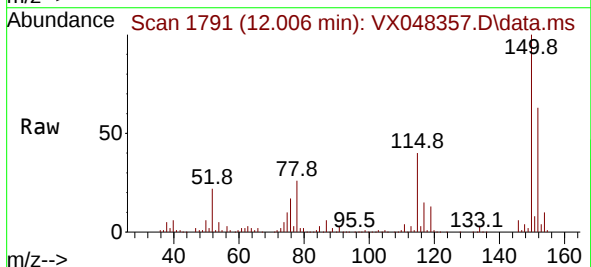
Tgt Ion:173 Resp: 2483
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

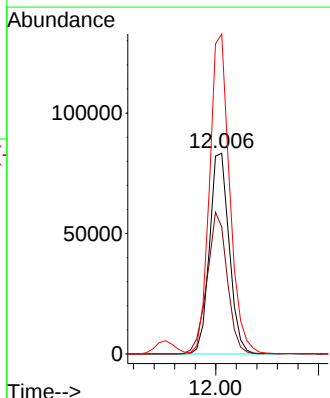
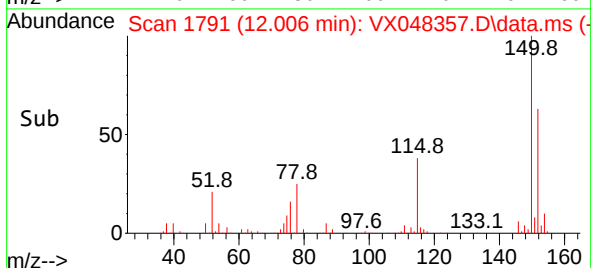
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

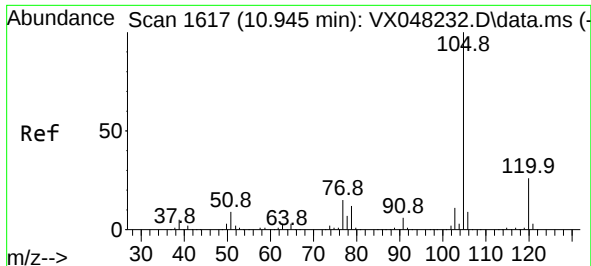


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



Tgt Ion:152 Resp: 110523
Ion Ratio Lower Upper
152 100
115 72.7 43.1 129.4
150 162.6 0.0 353.0





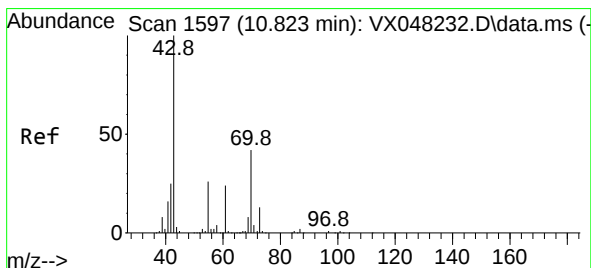
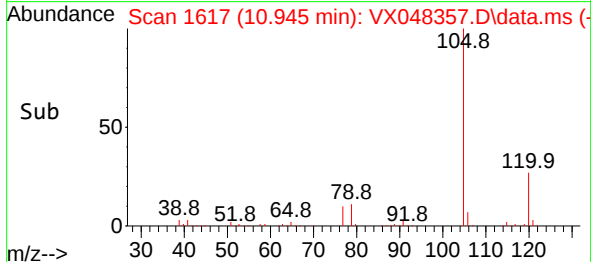
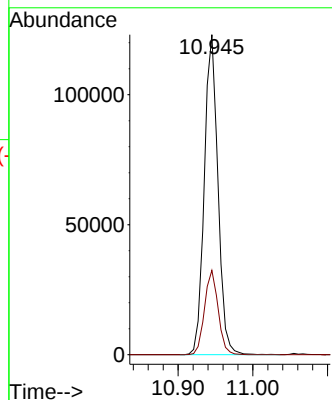
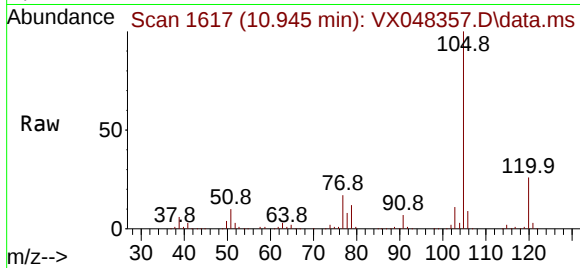
#73
Isopropylbenzene
Concen: 19.302 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion:105 Resp: 155818
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

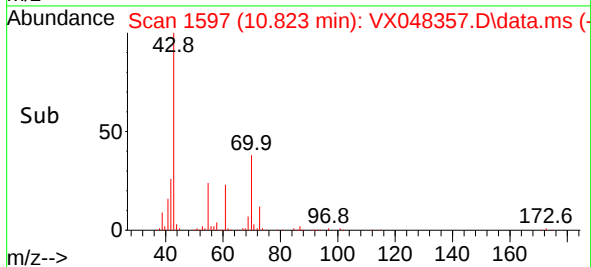
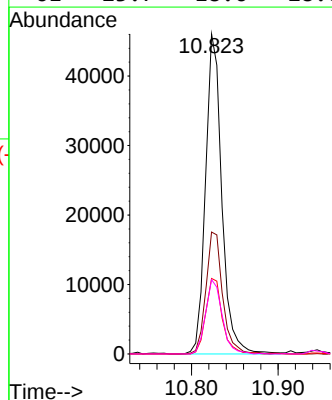
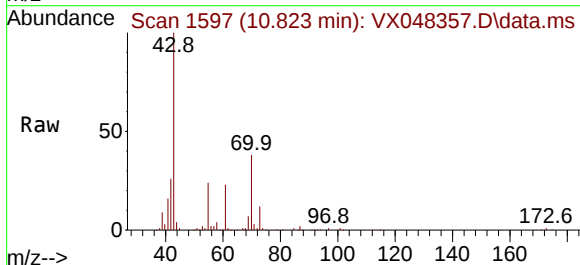
Manual Integrations
APPROVED

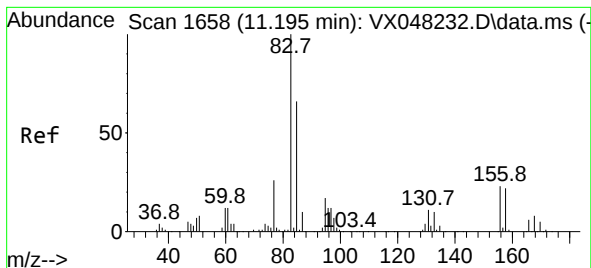
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#74
N-ethyl acetate
Concen: 20.985 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 43 Resp: 60091
Ion Ratio Lower Upper
43 100
70 39.3 32.2 48.2
55 24.0 19.1 28.7
61 23.7 18.6 28.0





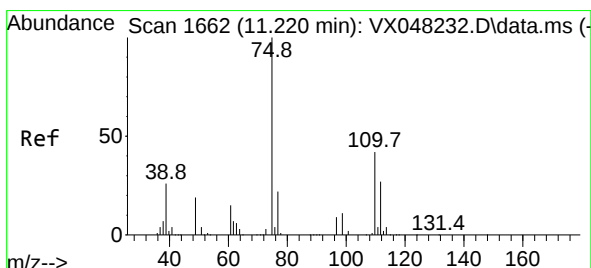
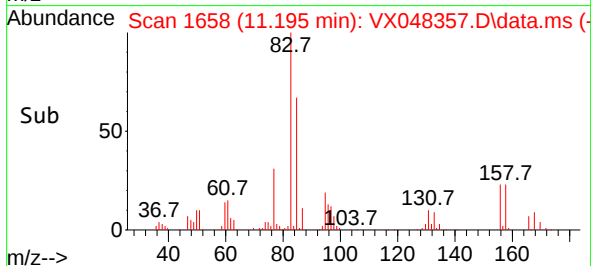
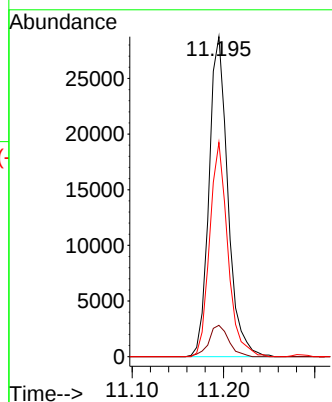
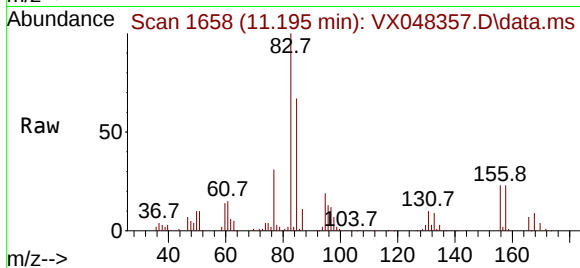
#75
1,1,2,2-Tetrachloroethane
Concen: 18.649 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 83 Resp: 4111
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 64.4 31.9 95.7

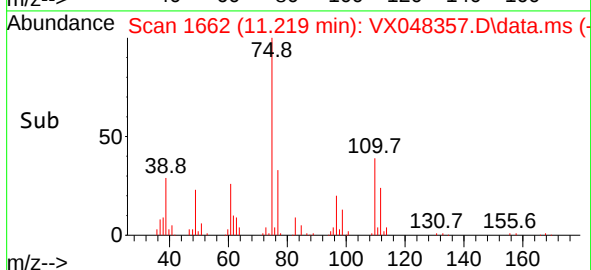
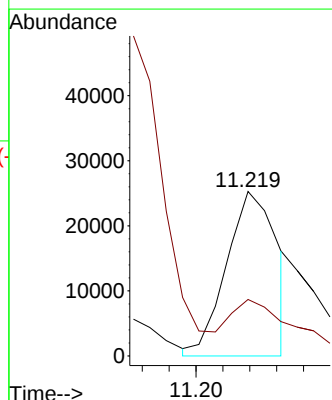
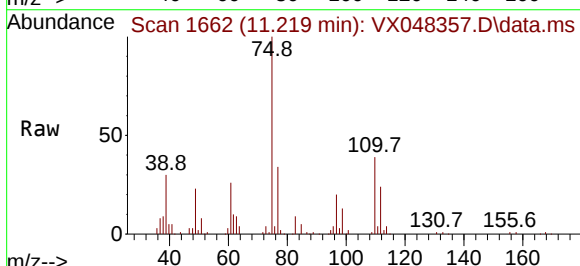
Manual Integrations
APPROVED

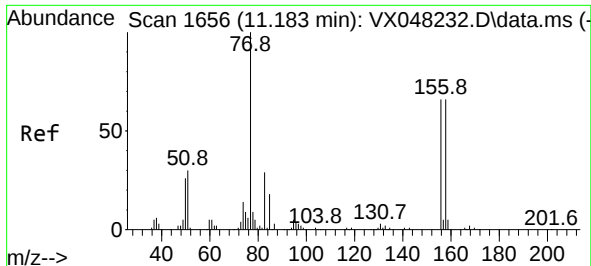
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#76
1,2,3-Trichloropropane
Concen: 18.459 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 75 Resp: 33085
Ion Ratio Lower Upper
75 100
77 43.3 22.4 67.2





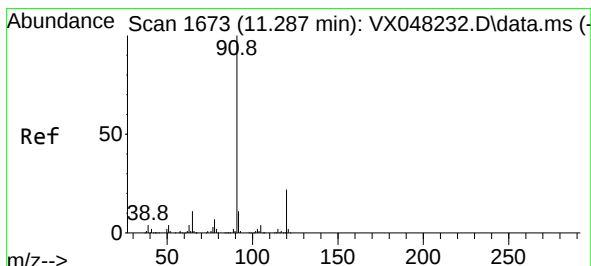
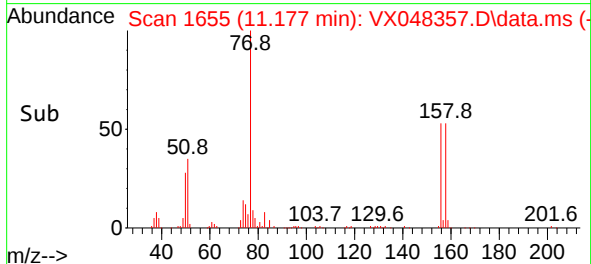
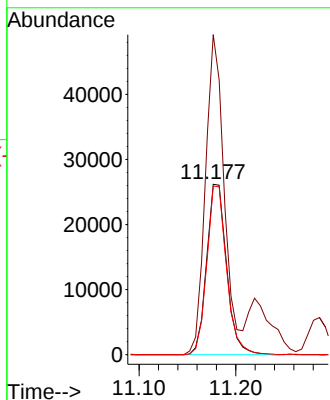
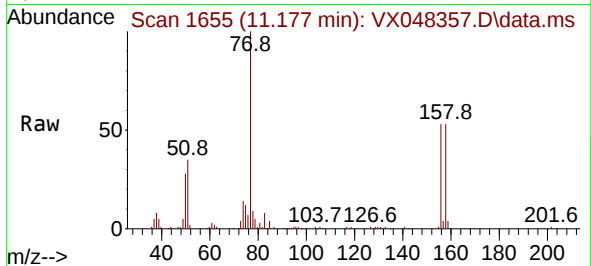
#77
Bromobenzene
Concen: 18.577 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion:156 Resp: 3760
Ion Ratio Lower Upper
156 100
77 176.9 87.0 261.0
158 98.0 47.8 143.4

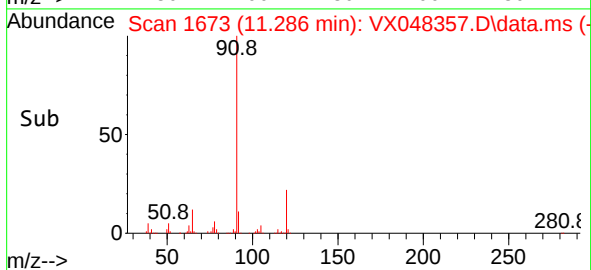
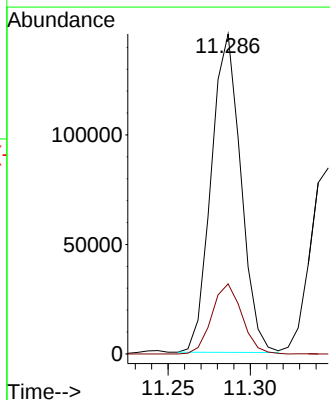
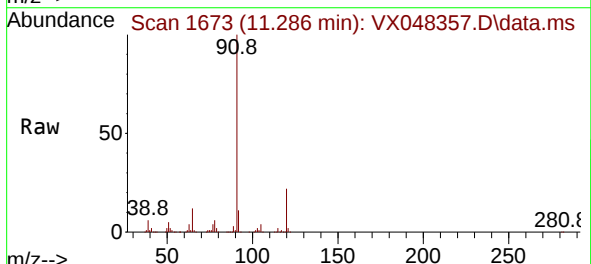
Manual Integrations
APPROVED

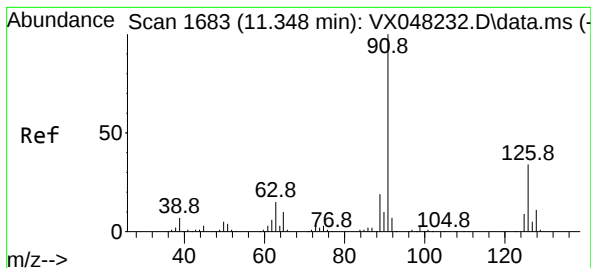
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#78
n-propylbenzene
Concen: 19.533 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Tgt Ion: 91 Resp: 182569
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





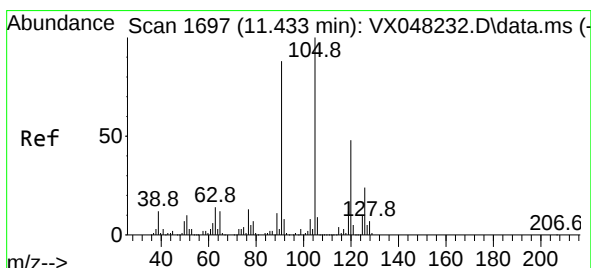
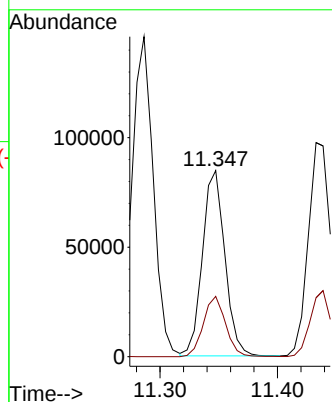
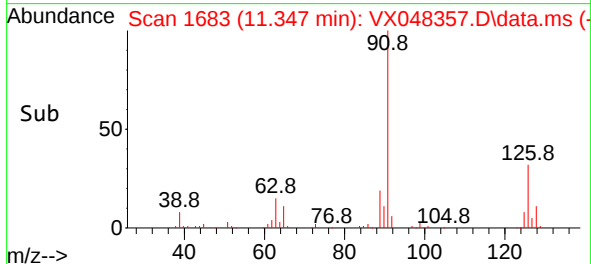
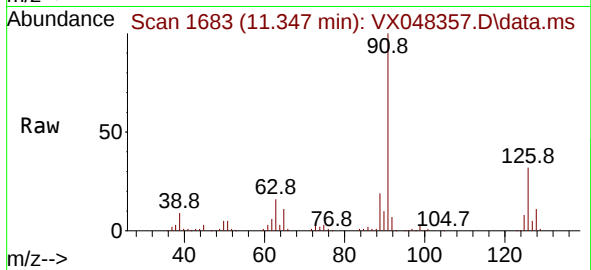
#79
2-Chlorotoluene
Concen: 19.755 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tgt Ion: 91 Resp: 111945
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

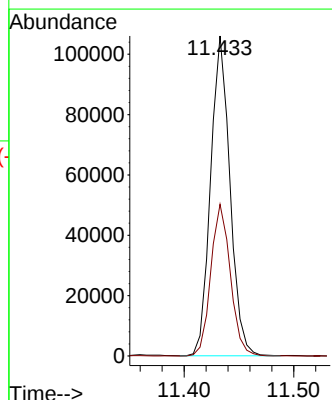
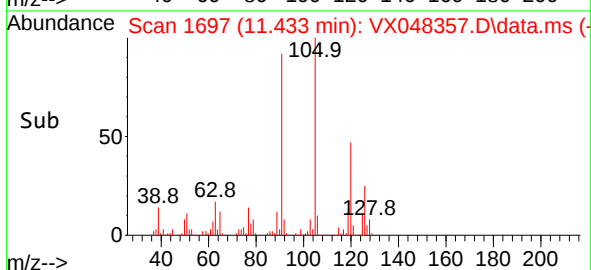
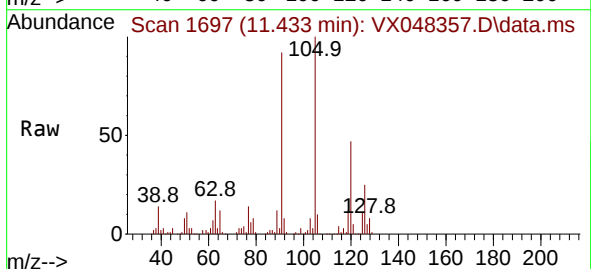
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.474 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

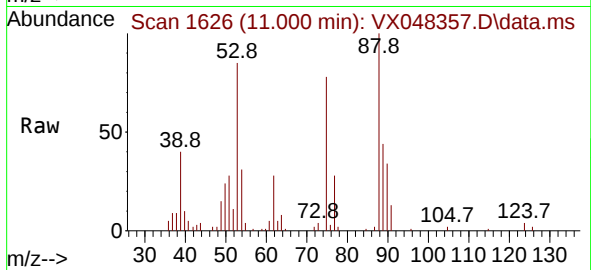
Tgt Ion:105 Resp: 130099
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 13.027 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

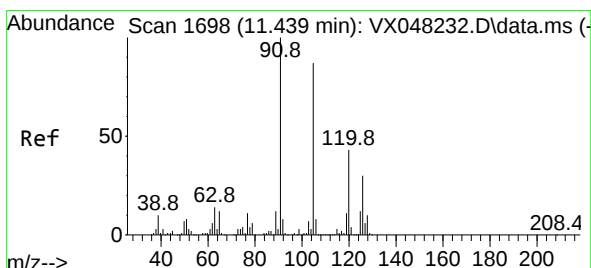
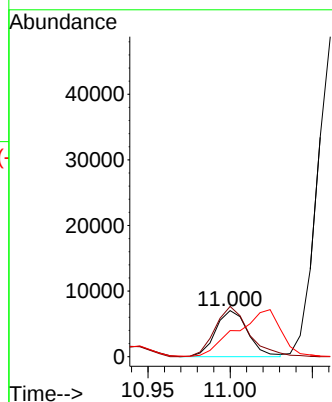
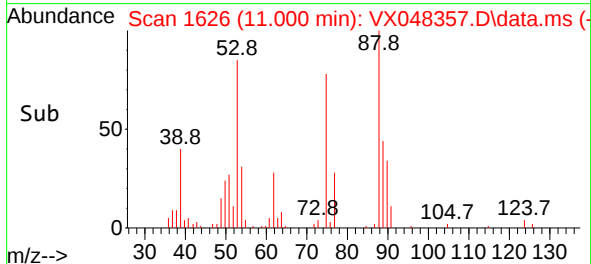
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



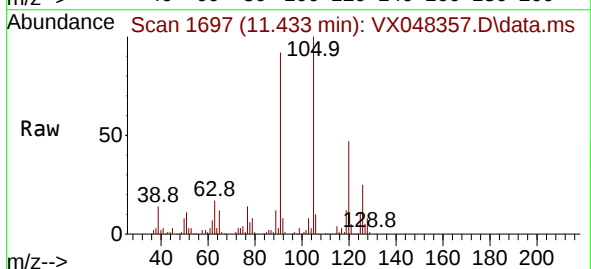
Tgt Ion: 75 Resp: 959
Ion Ratio Lower Upper
75 100
53 115.2 79.5 119.3
89 0.0 36.8 55.2

Manual Integrations
APPROVED

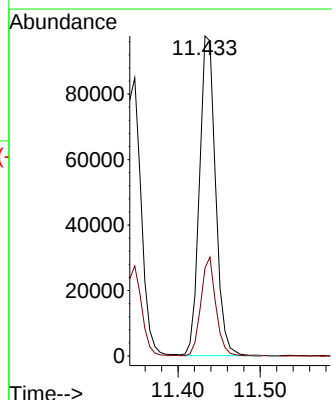
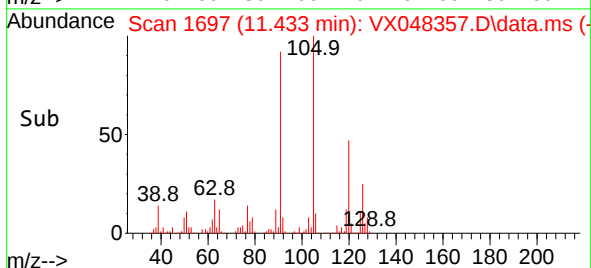
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

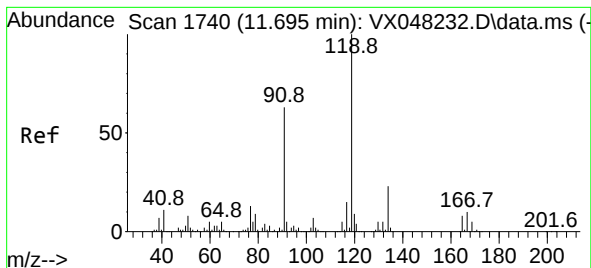


#82
4-Chlorotoluene
Concen: 19.708 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



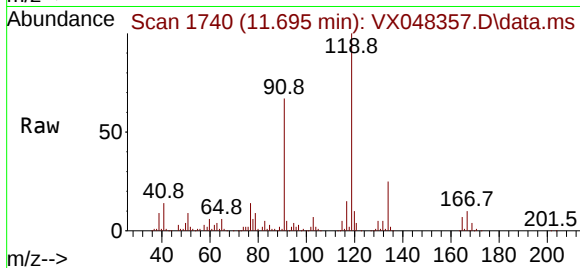
Tgt Ion: 91 Resp: 132574
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.900 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

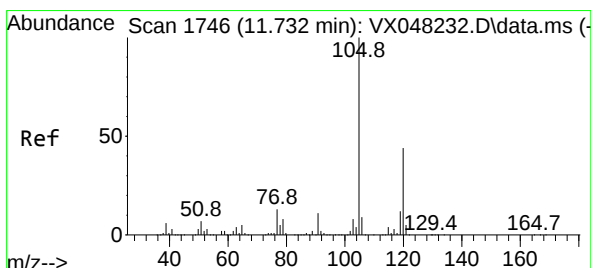
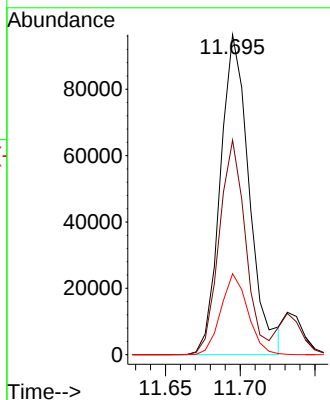
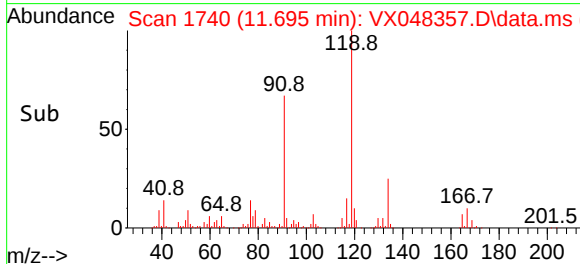
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



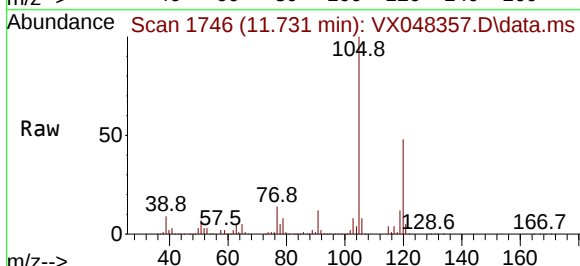
Tgt Ion:119 Resp: 129729
Ion Ratio Lower Upper
119 100
91 61.2 30.3 91.0
134 23.5 11.4 34.2

Manual Integrations
APPROVED

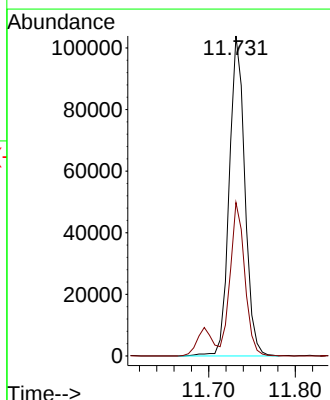
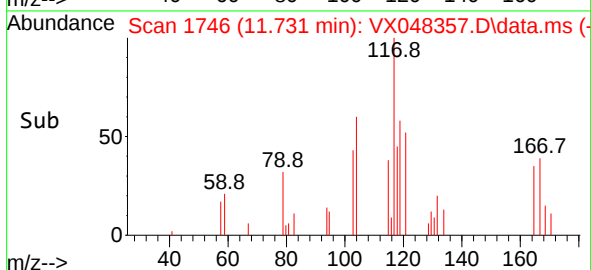
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

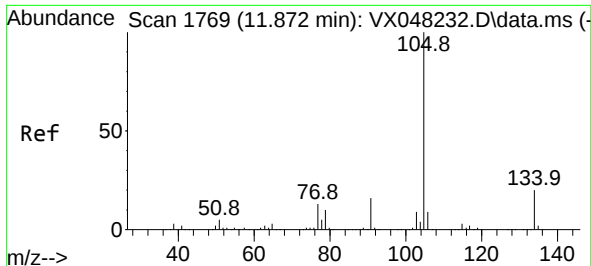


#84
1,2,4-Trimethylbenzene
Concen: 19.457 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



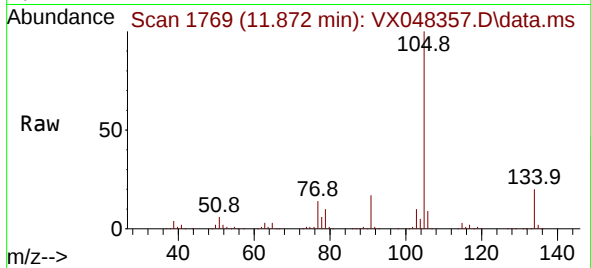
Tgt Ion:105 Resp: 129721
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 19.512 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048357.D
 Acq: 27 Oct 2025 10:04

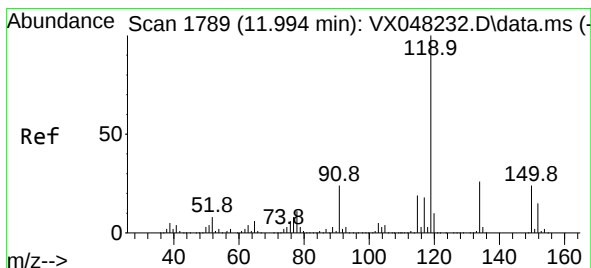
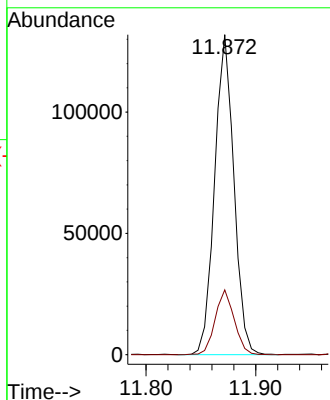
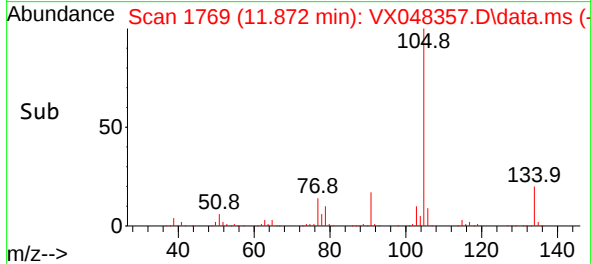
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01



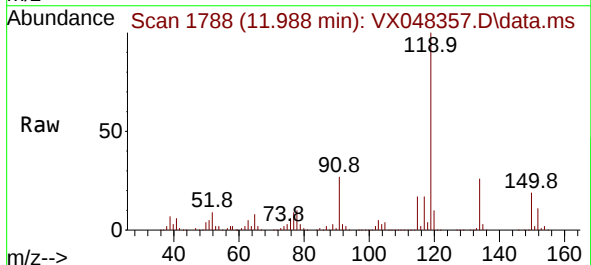
Tgt Ion:105 Resp: 161128
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

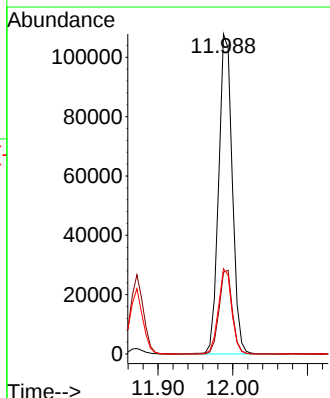
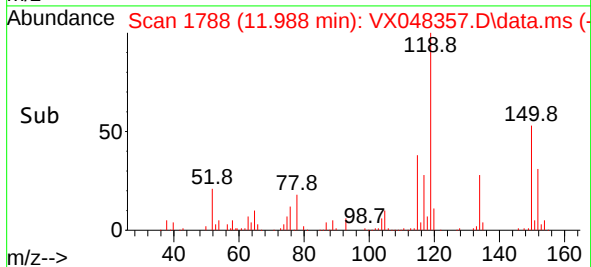
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

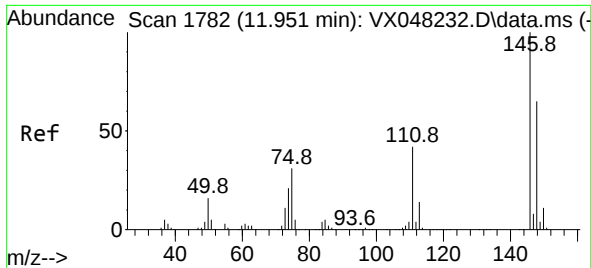


#86
 p-Isopropyltoluene
 Concen: 19.094 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048357.D
 Acq: 27 Oct 2025 10:04



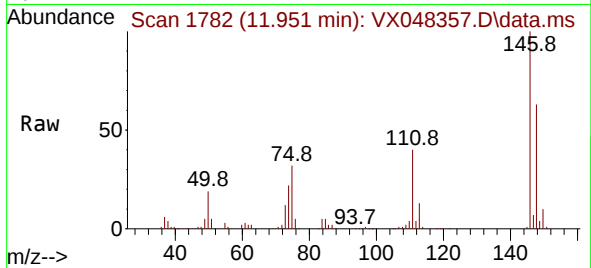
Tgt Ion:119 Resp: 136294
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 26.1 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 18.648 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

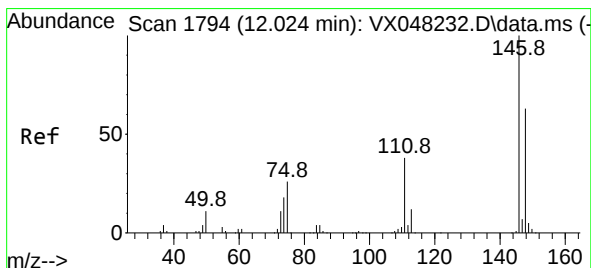
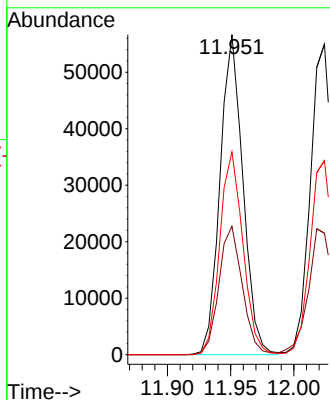
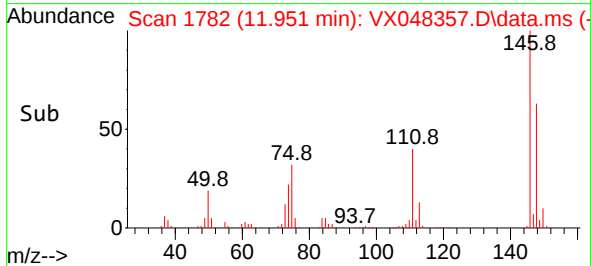
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



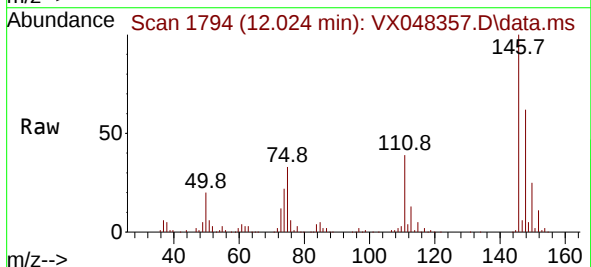
Tgt Ion:146 Resp: 71158
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.2
148 64.1 31.9 95.9

Manual Integrations
APPROVED

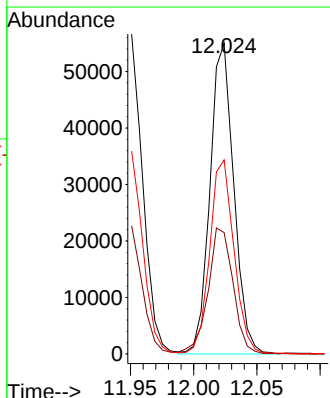
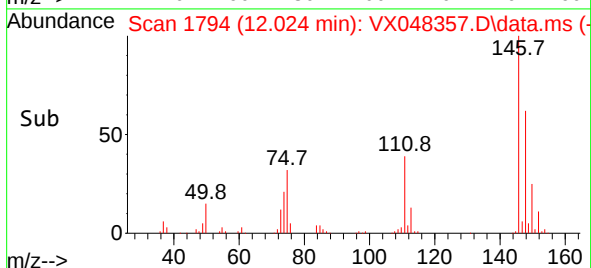
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

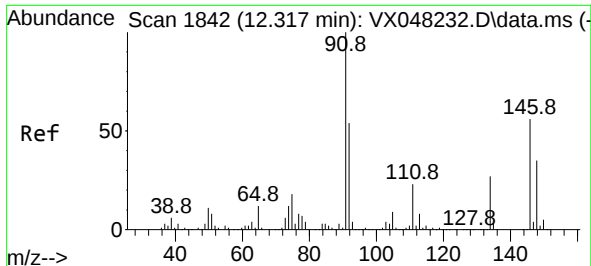


#88
1,4-Dichlorobenzene
Concen: 18.233 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



Tgt Ion:146 Resp: 72075
Ion Ratio Lower Upper
146 100
111 42.7 20.1 60.2
148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 19.183 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048357.D

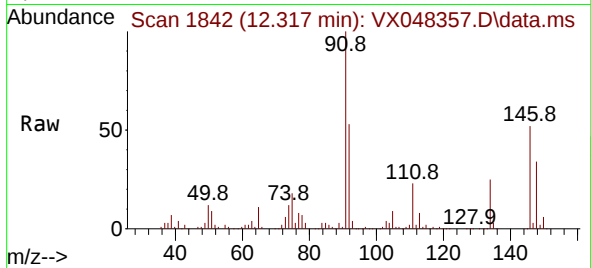
Acq: 27 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01



Tgt Ion: 91 Resp: 124628

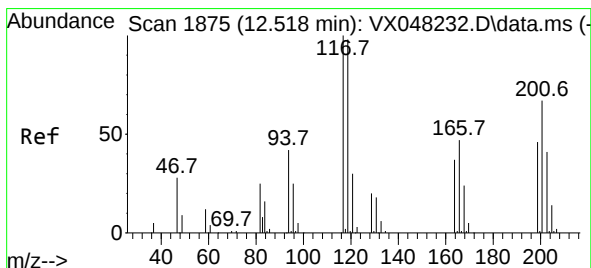
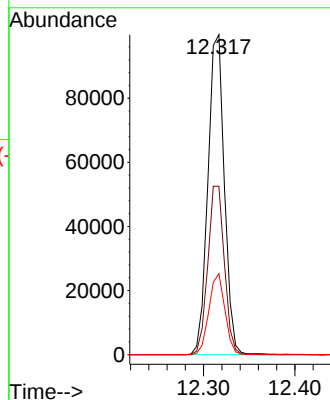
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.6
134	24.6	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#90

Hexachloroethane

Concen: 16.681 ug/l

RT: 12.518 min Scan# 1875

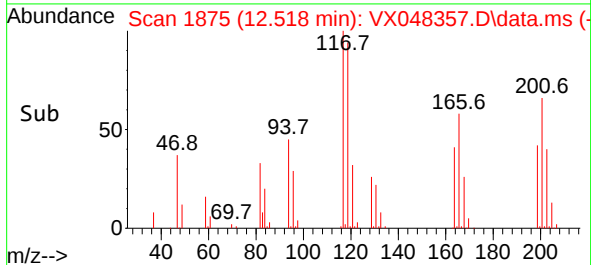
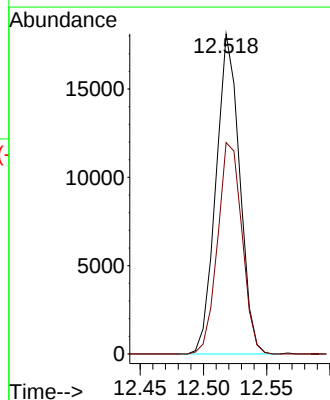
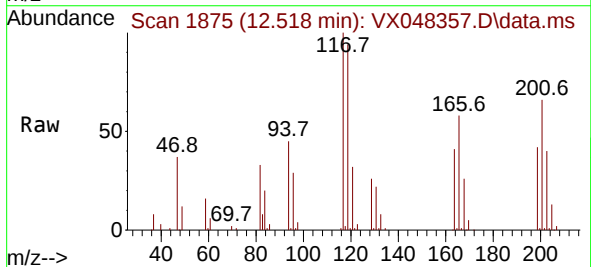
Delta R.T. -0.000 min

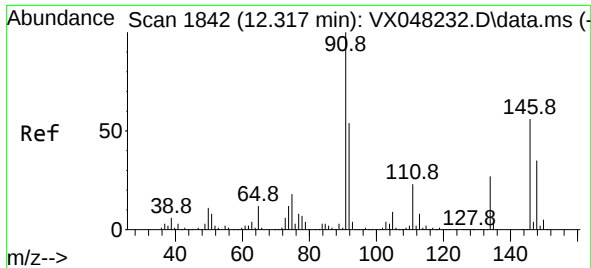
Lab File: VX048357.D

Acq: 27 Oct 2025 10:04

Tgt Ion:117 Resp: 23513

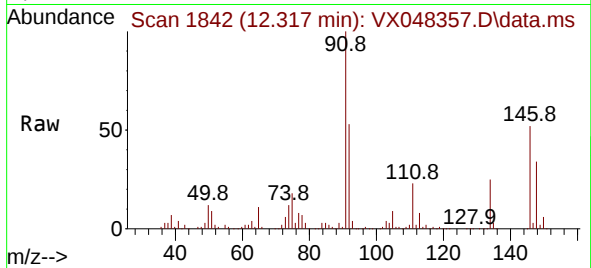
Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.1	102.2





#91
1,2-Dichlorobenzene
Concen: 18.752 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

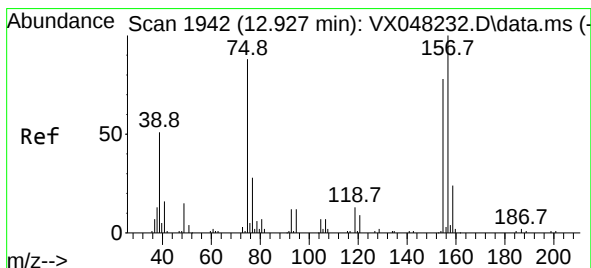
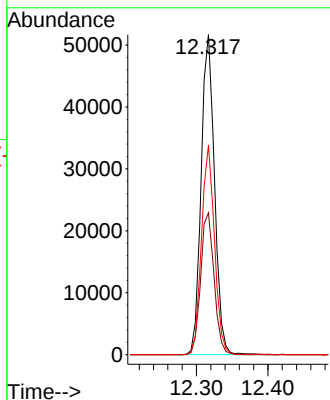
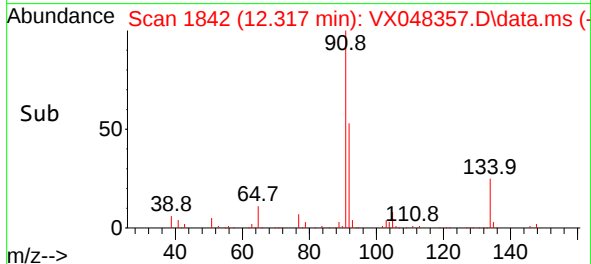
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



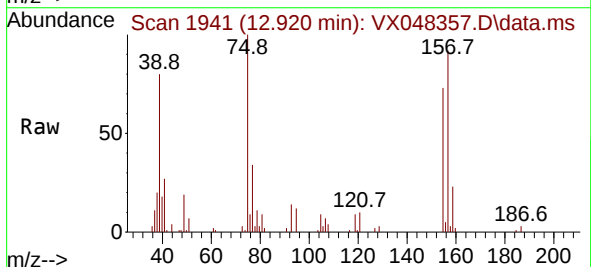
Tgt Ion:146 Resp: 67180
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 63.7 31.9 95.5

Manual Integrations
APPROVED

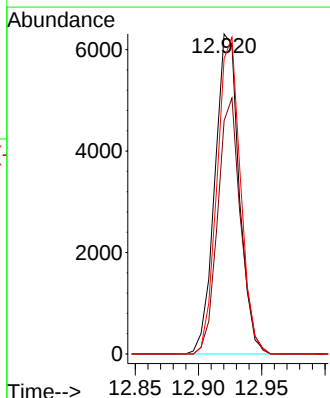
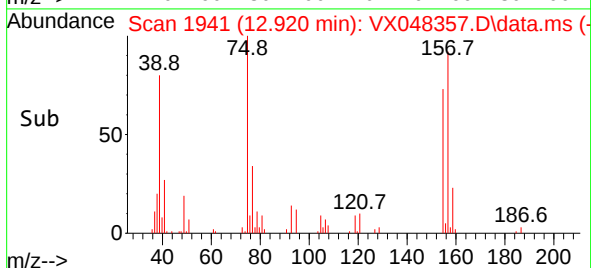
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.783 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



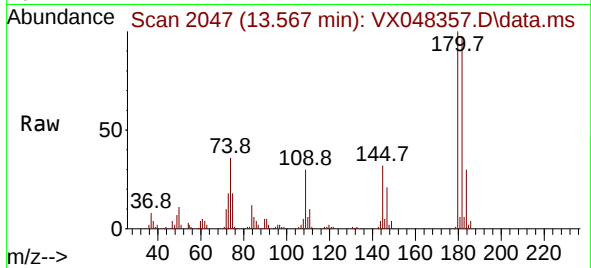
Tgt Ion: 75 Resp: 8405
Ion Ratio Lower Upper
75 100
155 75.5 42.8 128.4
157 95.3 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 17.657 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

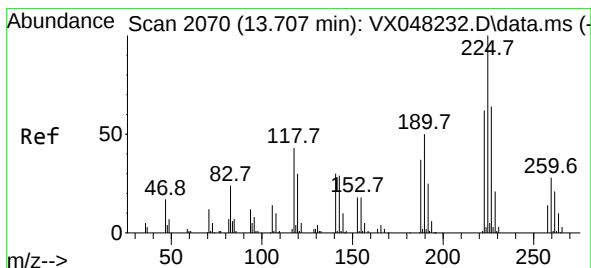
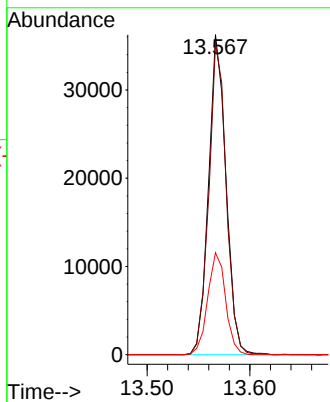
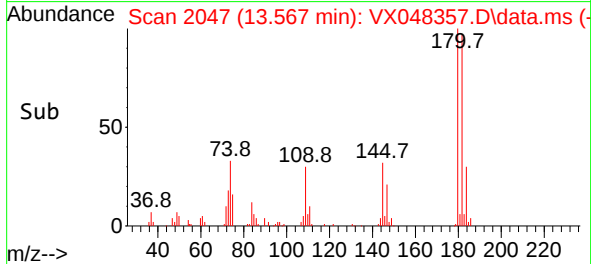
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



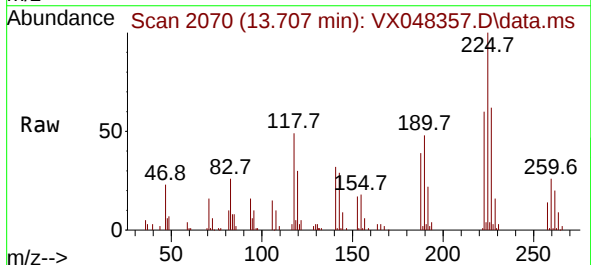
Tgt Ion:180 Resp: 42780
Ion Ratio Lower Upper
180 100
182 97.5 47.3 142.0
145 32.8 16.3 48.9

Manual Integrations
APPROVED

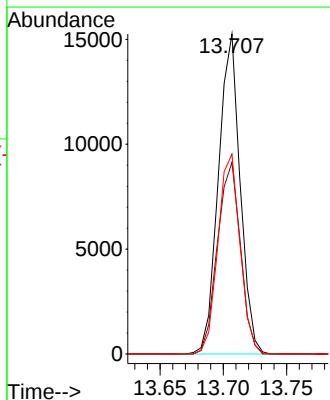
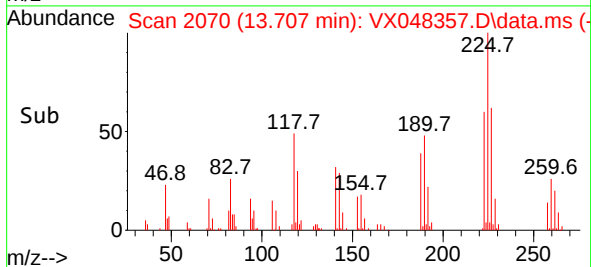
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

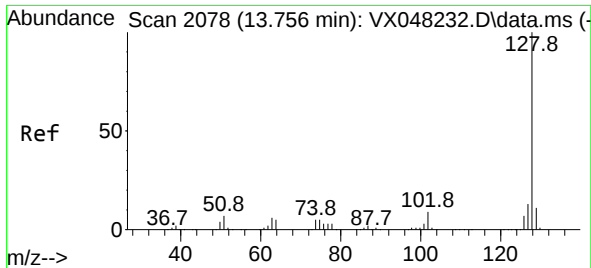


#94
Hexachlorobutadiene
Concen: 20.098 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



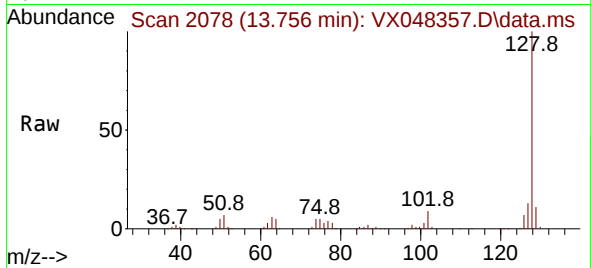
Tgt Ion:225 Resp: 18210
Ion Ratio Lower Upper
225 100
223 63.1 32.6 97.7
227 63.4 32.5 97.4





#95
Naphthalene
Concen: 18.123 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04

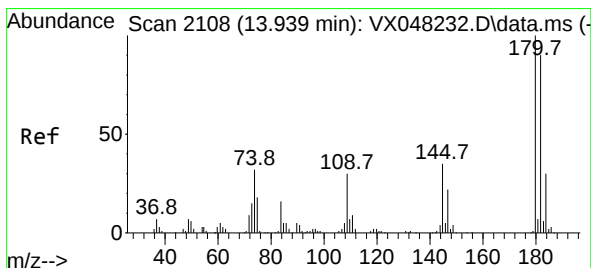
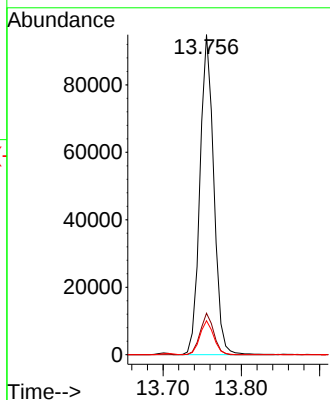
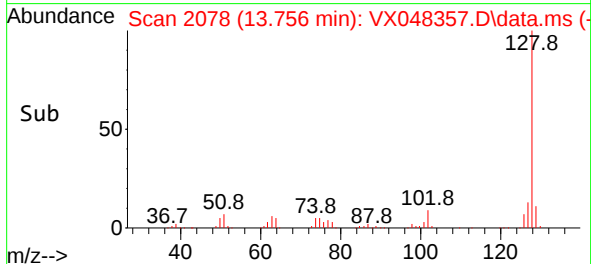
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01



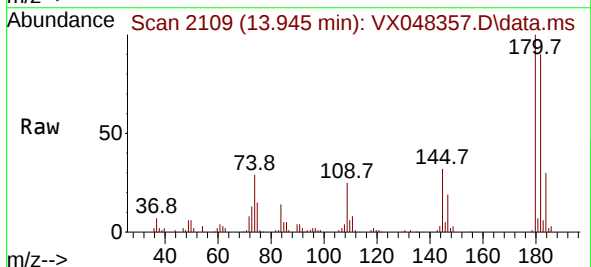
Tgt Ion:128 Resp: 11633
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.417 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048357.D
Acq: 27 Oct 2025 10:04



Tgt Ion:180 Resp: 40946
Ion Ratio Lower Upper
180 100
182 96.2 46.6 139.7
145 33.8 16.9 50.7

