

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048339.D
 Acq On : 24 Oct 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 22:59:00 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

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	125053	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	210685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	187763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	94250	53.755	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.500%			
35) Dibromofluoromethane	5.367	113	58414	40.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.220%			
50) Toluene-d8	8.628	98	238621	47.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.660%			
62) 4-Bromofluorobenzene	11.061	95	91425	47.668	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	59098	45.970	ug/l	96
3) Chloromethane	1.300	50	28679	23.900	ug/l	98
4) Vinyl Chloride	1.380	62	78438	70.590	ug/l	99
5) Bromomethane	1.611	94	30849	40.909	ug/l	96
6) Chloroethane	1.691	64	48125	73.704	ug/l	96
7) Trichlorofluoromethane	1.892	101	135485	63.576	ug/l	97
8) Diethyl Ether	2.130	74	49757	82.980	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	74958	55.546	ug/l	99
10) Methyl Iodide	2.453	142	278558	164.198	ug/l	99
11) Tert butyl alcohol	2.934	59	42499	244.130	ug/l	98
12) 1,1-Dichloroethene	2.325	96	71588	54.527	ug/l	96
13) Acrolein	2.233	56	70039	394.484	ug/l	99
14) Allyl chloride	2.660	41	126613	58.086	ug/l	96
15) Acrylonitrile	3.050	53	180209	287.081	ug/l	99
16) Acetone	2.367	43	102142	169.814	ug/l	94
17) Carbon Disulfide	2.514	76	196078	47.388	ug/l	99
18) Methyl Acetate	2.697	43	78123	62.192	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	262138	58.527	ug/l	97
20) Methylene Chloride	2.788	84	80635	55.018	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	77229	53.552	ug/l	98
22) Diisopropyl ether	3.745	45	280059	64.418	ug/l	96
23) Vinyl Acetate	3.709	43	987789	284.432	ug/l	100
24) 1,1-Dichloroethane	3.599	63	148111	56.341	ug/l	98
25) 2-Butanone	4.532	43	169634	222.811	ug/l	98
26) 2,2-Dichloropropane	4.458	77	128101	53.987	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	93213	55.383	ug/l	97
28) Bromochloromethane	4.879	49	62840	57.651	ug/l	98
29) Tetrahydrofuran	4.977	42	129863	284.809	ug/l	99
30) Chloroform	5.074	83	157726	56.158	ug/l	97
31) Cyclohexane	5.452	56	121074	55.630	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	135402	52.310	ug/l	98
36) 1,1-Dichloropropene	5.678	75	102532	50.154	ug/l	98
37) Ethyl Acetate	4.684	43	92982	54.873	ug/l	99
38) Carbon Tetrachloride	5.659	117	115868	45.939	ug/l	99
39) Methylcyclohexane	7.360	83	122210	50.618	ug/l	95
40) Benzene	6.019	78	311870	52.544	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	50795	57.081	ug/l	96
42) 1,2-Dichloroethane	6.068	62	124623	56.900	ug/l	99
43) Isopropyl Acetate	6.318	43	163763	58.836	ug/l	99
44) Trichloroethene	7.104	130	78753	50.249	ug/l	97
45) 1,2-Dichloropropane	7.409	63	79649	56.442	ug/l	100
46) Dibromomethane	7.562	93	59016	53.679	ug/l	98
47) Bromodichloromethane	7.805	83	125556	52.892	ug/l	98
48) Methyl methacrylate	7.671	41	83235	59.262	ug/l	98
49) 1,4-Dioxane	7.641	88	18307	986.597	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	456649	284.549	ug/l	100
52) Toluene	8.702	92	193684	51.366	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	117418	51.329	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	120526	48.835	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	75795	54.053	ug/l	99
56) Ethyl methacrylate	9.098	69	112858	55.026	ug/l	95
57) 1,3-Dichloropropane	9.293	76	129442	54.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	330441	299.294	ug/l	99
59) 2-Hexanone	9.415	43	287437	256.864	ug/l	100
60) Dibromochloromethane	9.500	129	91979	48.803	ug/l	100
61) 1,2-Dibromoethane	9.592	107	78094	52.241	ug/l	98
64) Tetrachloroethene	9.256	164	69934	49.893	ug/l	99
65) Chlorobenzene	10.061	112	214381	50.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	77036	49.657	ug/l	100
67) Ethyl Benzene	10.177	91	368764	51.279	ug/l	98
68) m/p-Xylenes	10.281	106	279654	104.665	ug/l	100
69) o-Xylene	10.622	106	135450	52.509	ug/l	100
70) Styrene	10.634	104	236042	53.739	ug/l	99
71) Bromoform	10.780	173	58125	46.878	ug/l #	97
73) Isopropylbenzene	10.945	105	349236	51.150	ug/l	100
74) N-amyl acetate	10.823	43	146738	60.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	95793	51.376	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	77740m	51.283	ug/l	
77) Bromobenzene	11.177	156	88538	51.716	ug/l	99
78) n-propylbenzene	11.287	91	420413	53.181	ug/l	100
79) 2-Chlorotoluene	11.347	91	249581	52.073	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	289432	51.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	22416	35.976	ug/l #	66
82) 4-Chlorotoluene	11.433	91	298685	52.497	ug/l	99
83) tert-Butylbenzene	11.695	119	290306	50.006	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	291688	51.728	ug/l	100
85) sec-Butylbenzene	11.872	105	355586	50.910	ug/l	100
86) p-Isopropyltoluene	11.988	119	300777	49.821	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	161594	50.069	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	164145	49.095	ug/l	99
89) n-Butylbenzene	12.311	91	279165	50.804	ug/l	100
90) Hexachloroethane	12.518	117	52745	44.242	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	152380	50.288	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19444	51.374	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	101730	49.644	ug/l	99
94) Hexachlorobutadiene	13.707	225	37168	48.406	ug/l	98
95) Naphthalene	13.756	128	277956	51.198	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	92908	49.409	ug/l	100

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

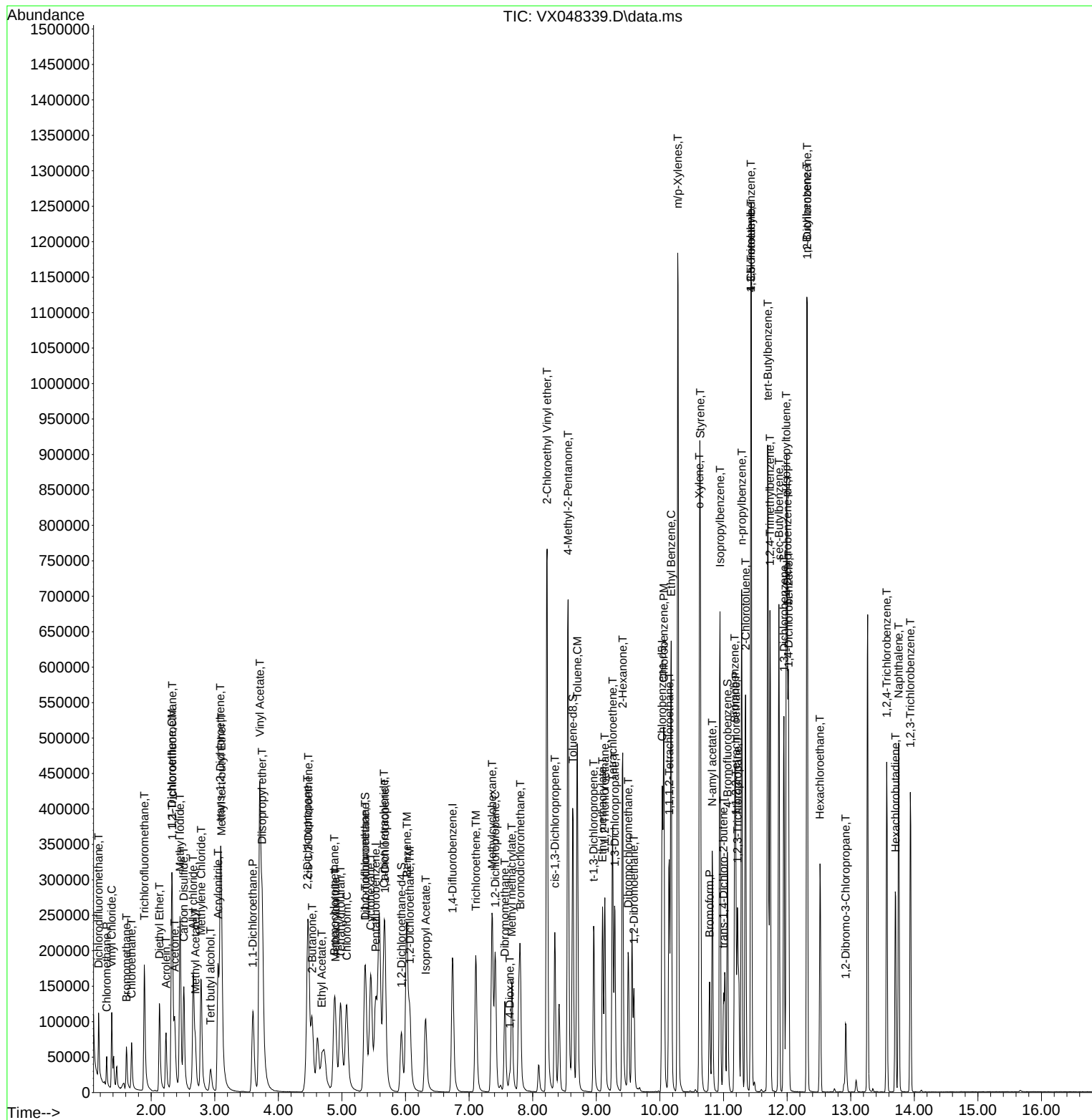
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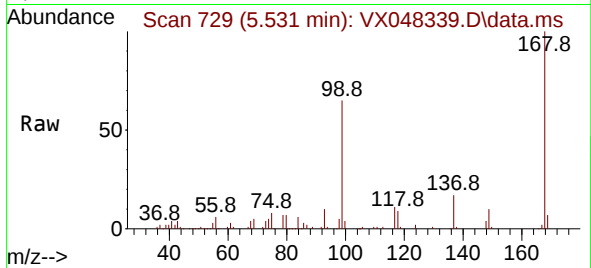
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048339.D
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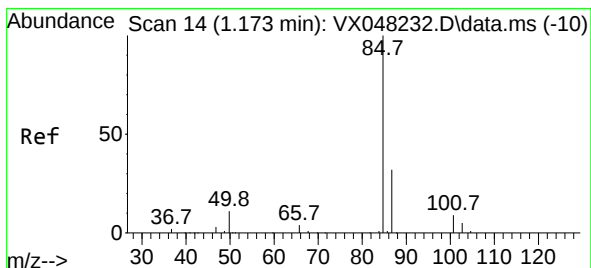
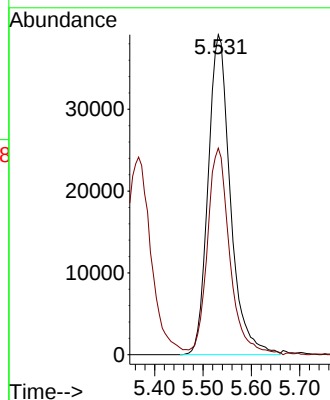
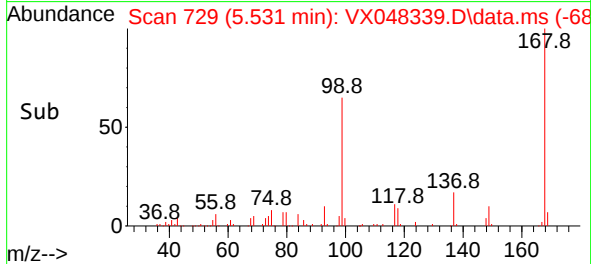
Instrument :
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Tgt Ion:168 Resp: 12505
Ion Ratio Lower Upper
168 100
99 63.9 46.4 69.6

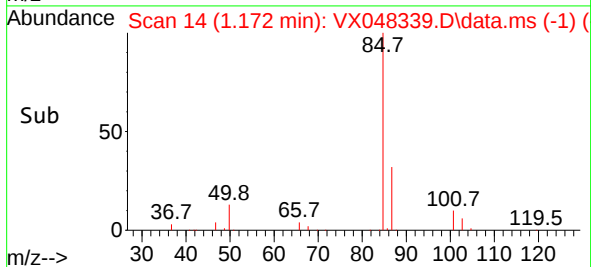
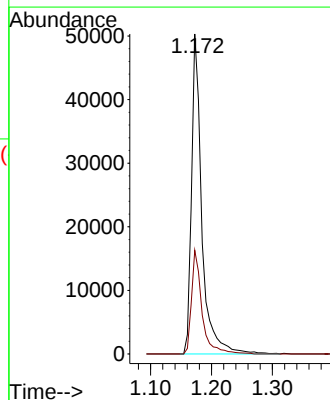
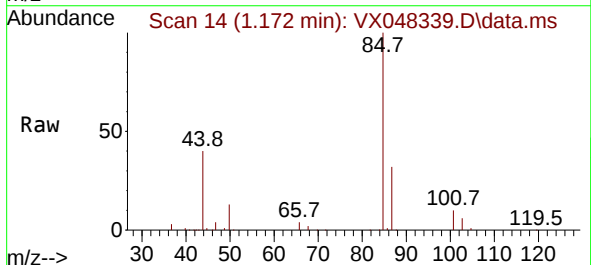
Manual Integrations
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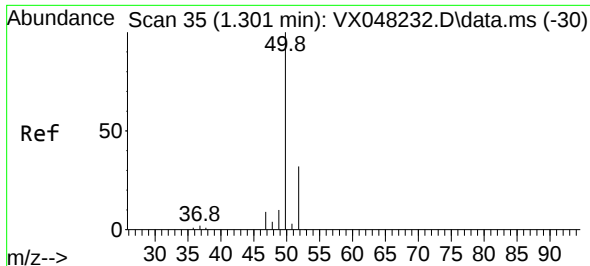
Reviewed By :John Carlone 10/27/2025
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#2
Dichlorodifluoromethane
Concen: 45.970 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

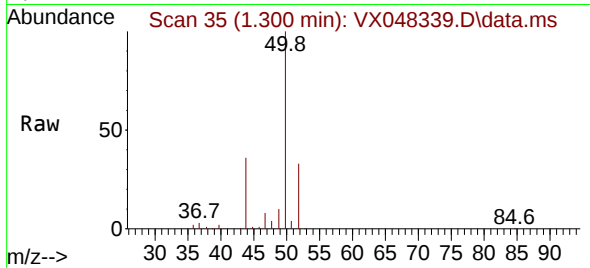
Tgt Ion: 85 Resp: 59098
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9





#3
Chloromethane
Concen: 23.900 ug/l
RT: 1.300 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

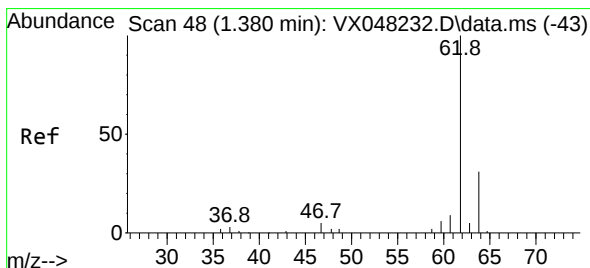
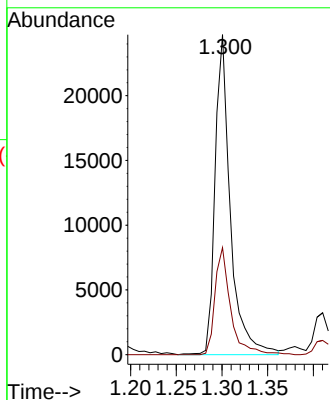
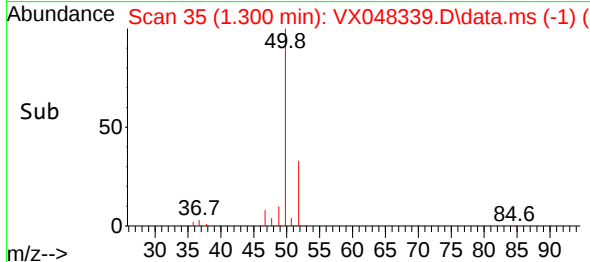
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 28679
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

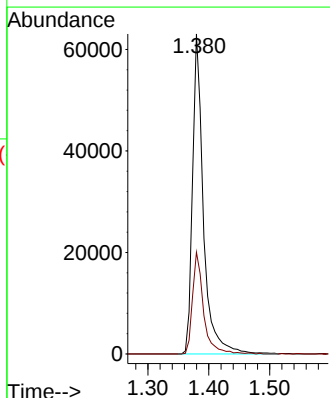
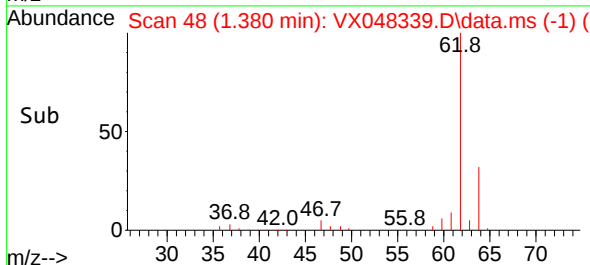
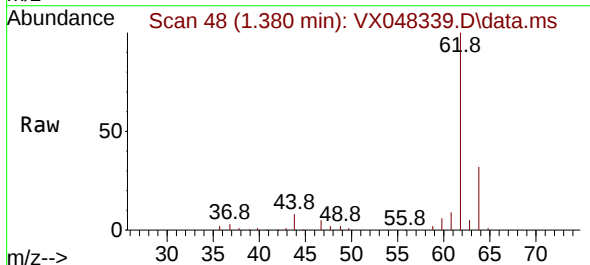
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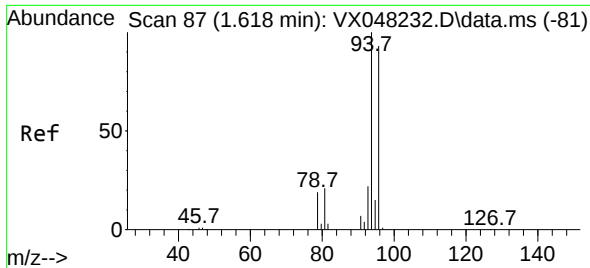
Reviewed By :John Carlone 10/27/2025
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#4
Vinyl Chloride
Concen: 70.590 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 78438
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





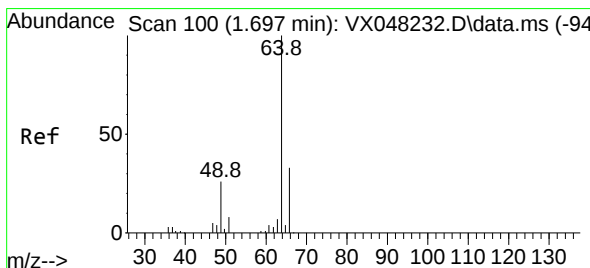
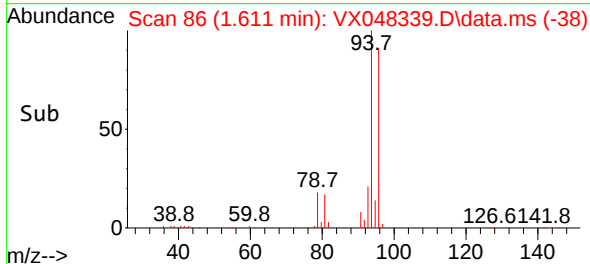
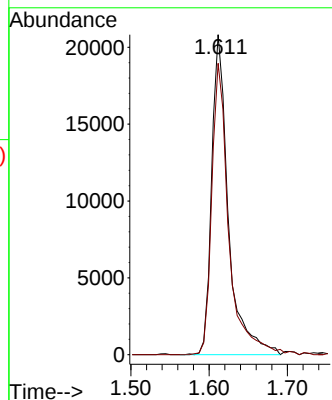
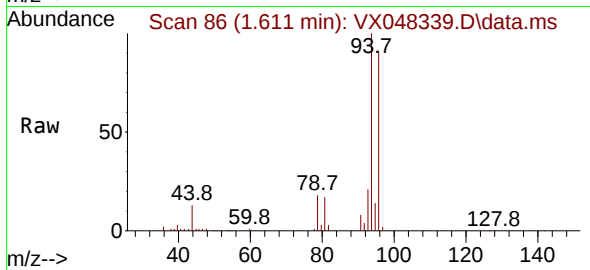
#5
Bromomethane
Concen: 40.909 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
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Tgt Ion: 94 Resp: 30849
Ion Ratio Lower Upper
94 100
96 91.0 76.0 114.0

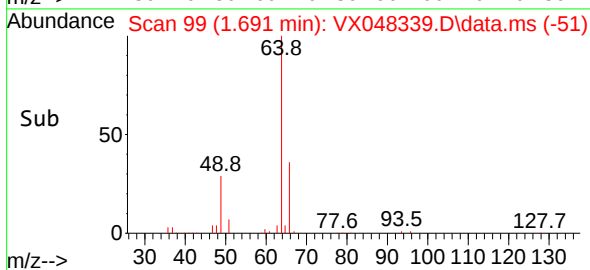
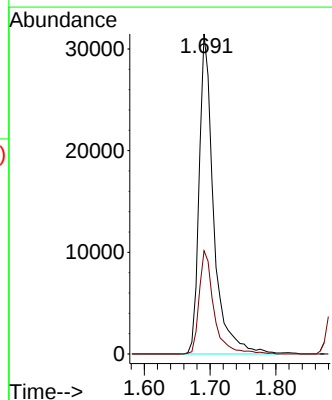
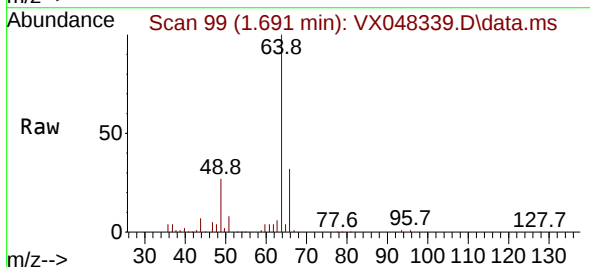
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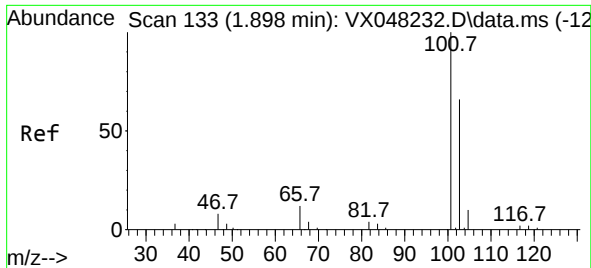
Reviewed By :John Carlone 10/27/2025
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#6
Chloroethane
Concen: 73.704 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048339.D
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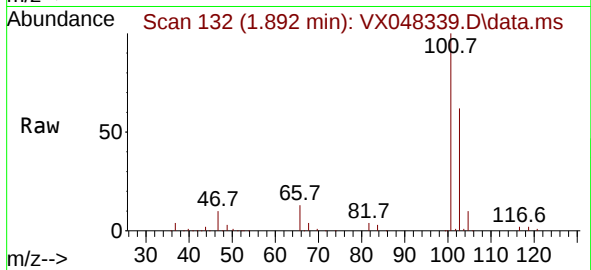
Tgt Ion: 64 Resp: 48125
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9





#7
Trichlorofluoromethane
Concen: 63.576 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

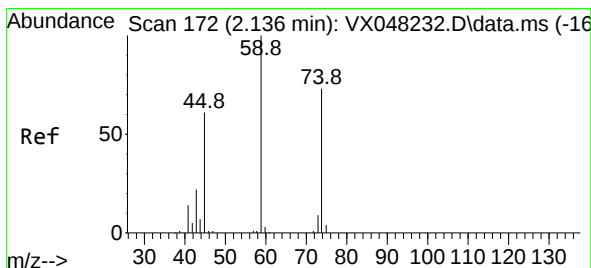
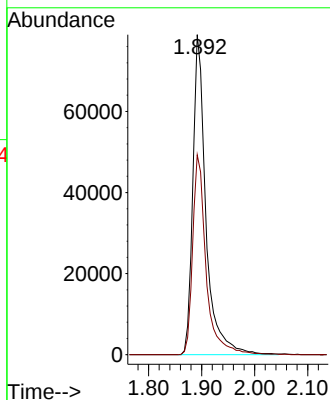
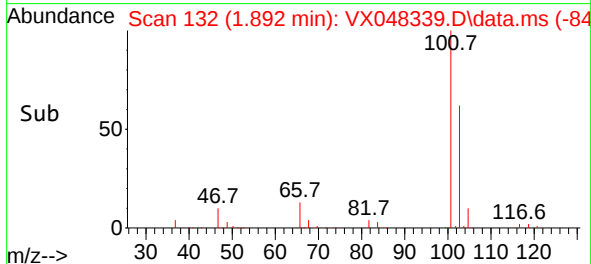
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 13548
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4

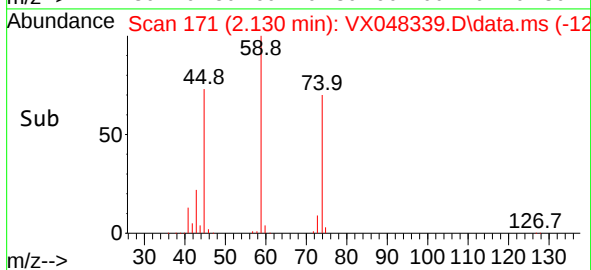
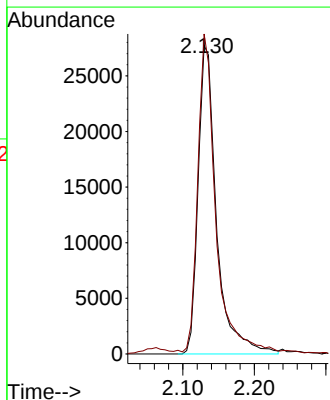
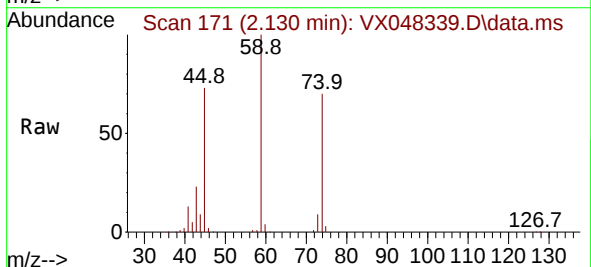
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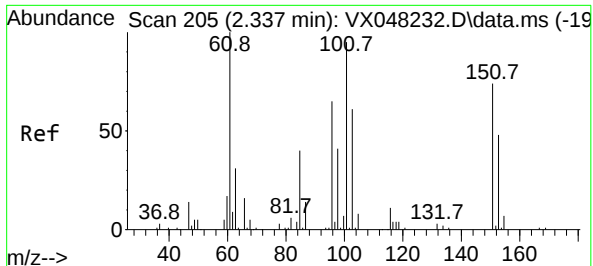
Reviewed By :John Carlone 10/27/2025
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#8
Diethyl Ether
Concen: 82.980 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048339.D
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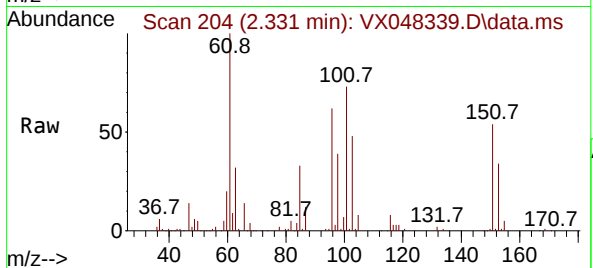
Tgt Ion: 74 Resp: 49757
Ion Ratio Lower Upper
74 100
45 99.3 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.546 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

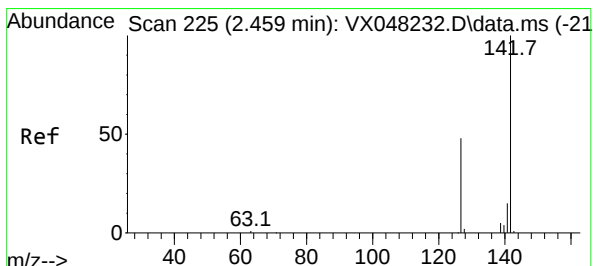
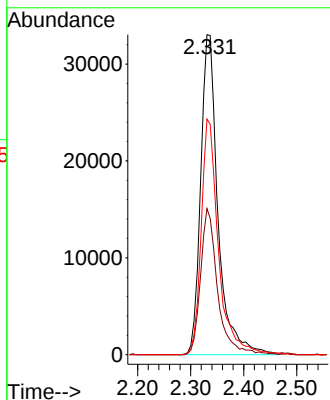
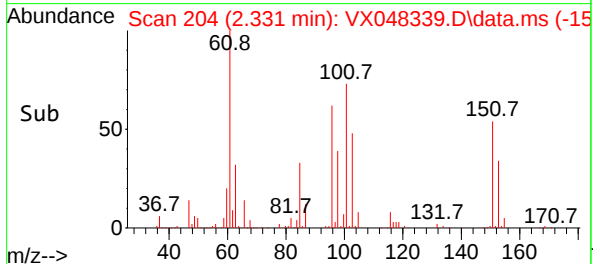
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 74958
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 73.7 58.0 87.0

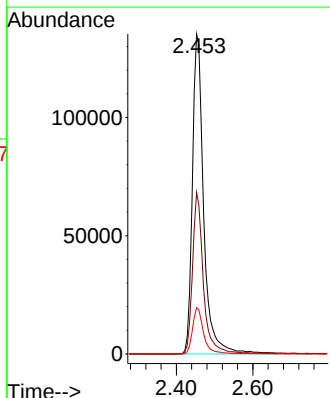
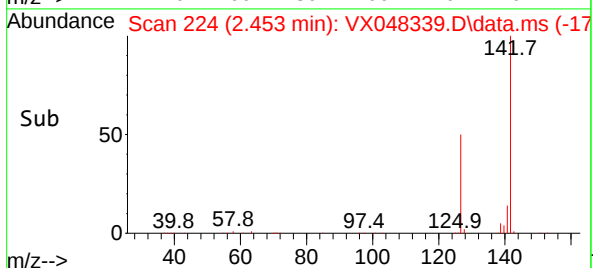
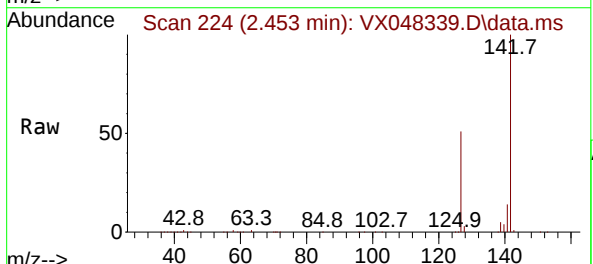
Manual Integrations
APPROVED

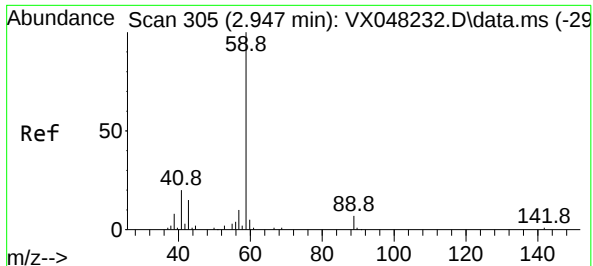
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 164.198 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

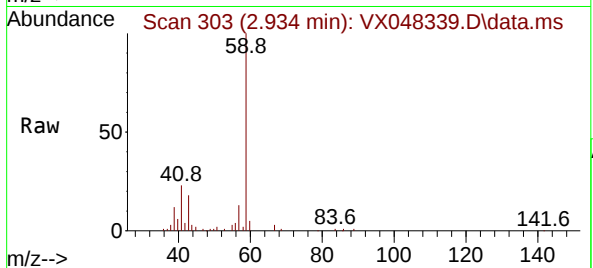
Tgt Ion:142 Resp: 278558
Ion Ratio Lower Upper
142 100
127 48.6 38.5 57.7
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 244.130 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

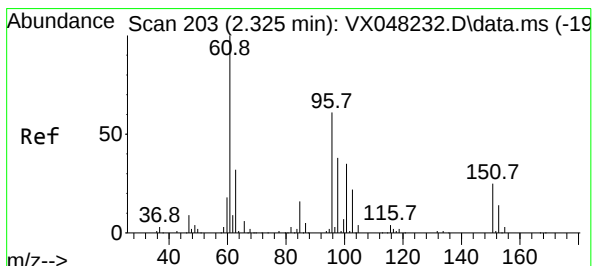
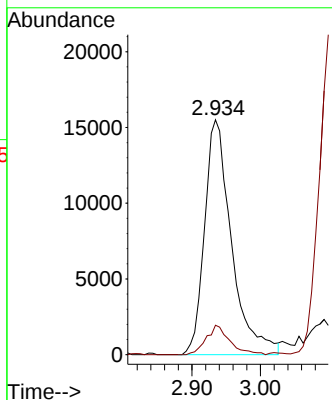
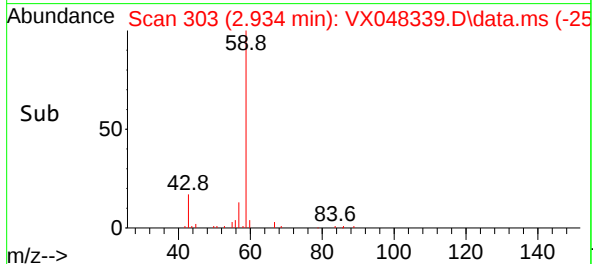
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



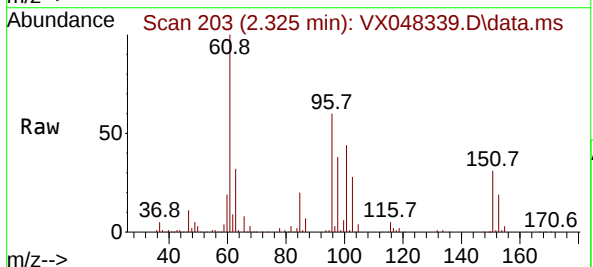
Tgt Ion: 59 Resp: 42499
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

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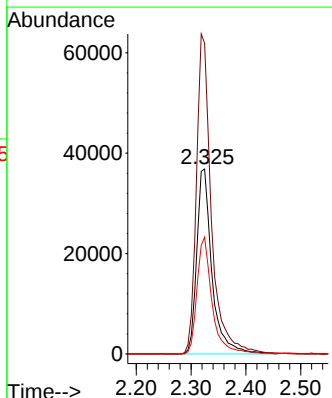
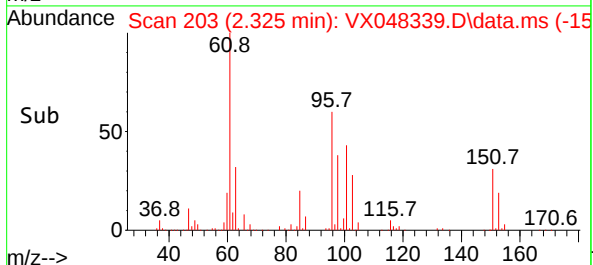
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

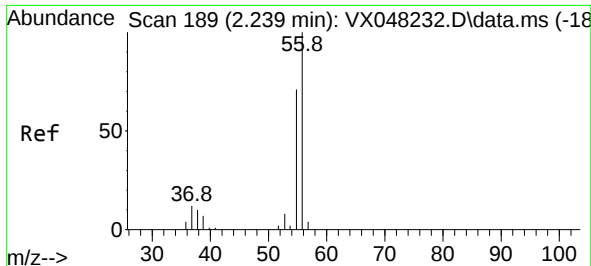


#12
1,1-Dichloroethene
Concen: 54.527 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



Tgt Ion: 96 Resp: 71588
Ion Ratio Lower Upper
96 100
61 168.0 139.0 208.6
98 63.1 52.4 78.6





#13

Acrolein

Concen: 394.484 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 70039

Ion Ratio Lower Upper

56 100

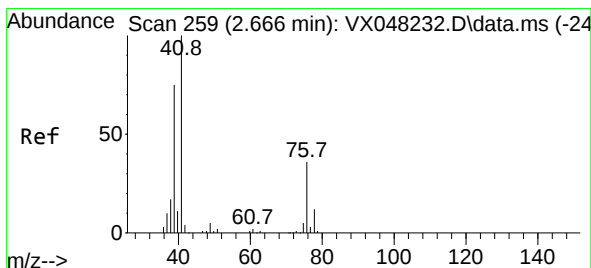
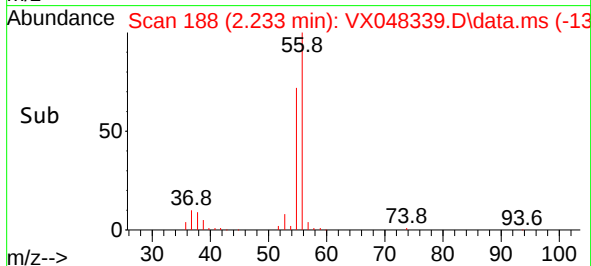
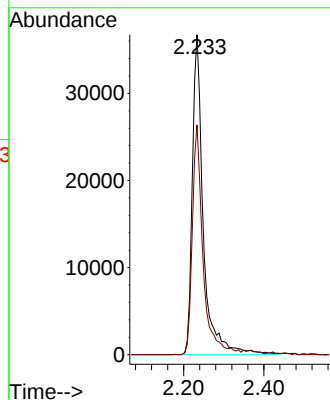
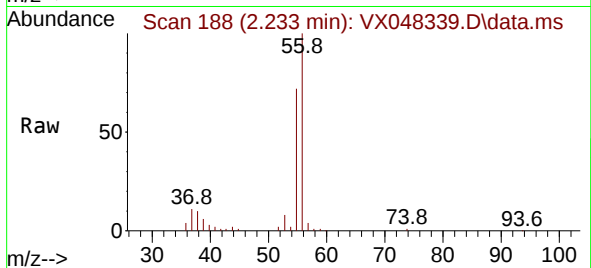
55 69.5 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#14

Allyl chloride

Concen: 58.086 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

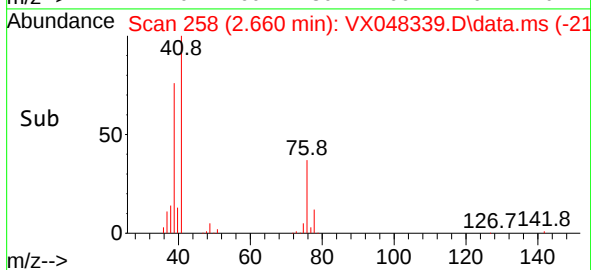
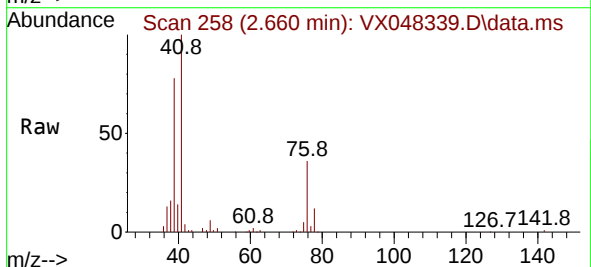
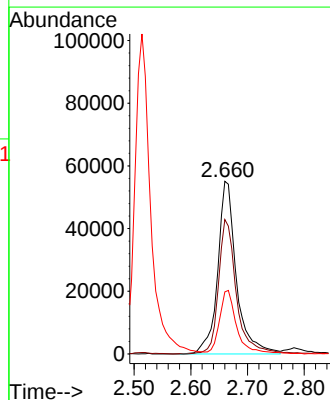
Tgt Ion: 41 Resp: 126613

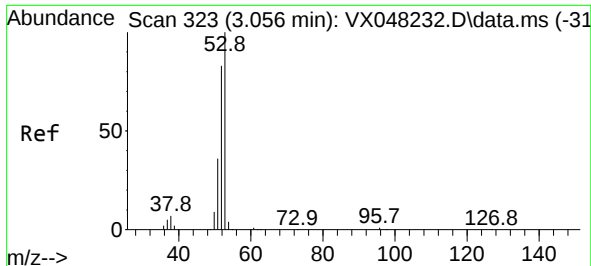
Ion Ratio Lower Upper

41 100

39 74.8 56.0 84.0

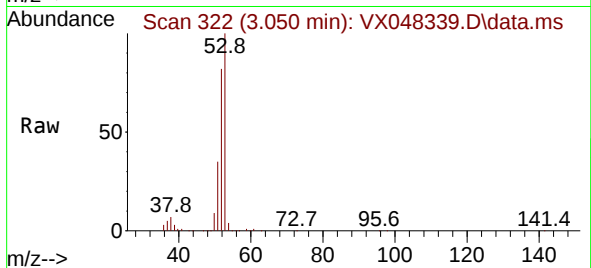
76 34.1 27.5 41.3





#15
Acrylonitrile
Concen: 287.081 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

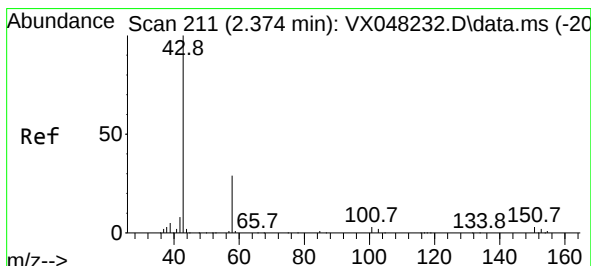
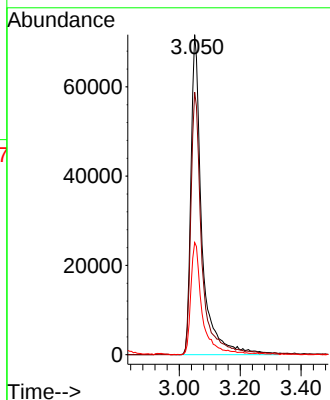
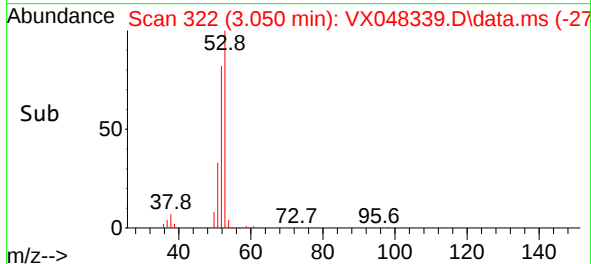
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 180209
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 36.9 29.0 43.4

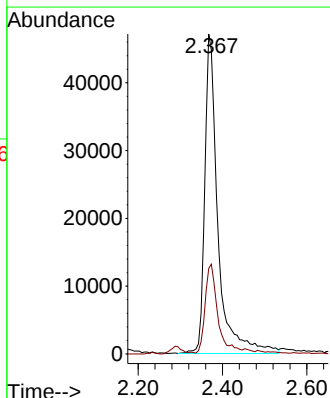
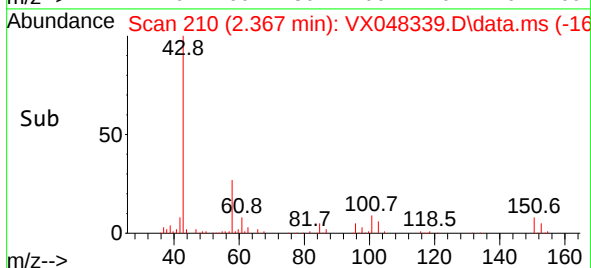
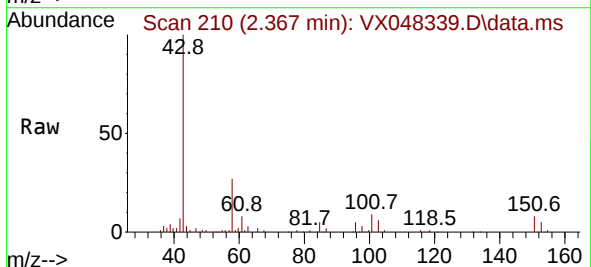
Manual Integrations
APPROVED

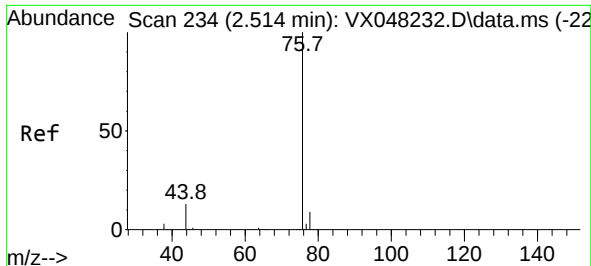
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 169.814 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

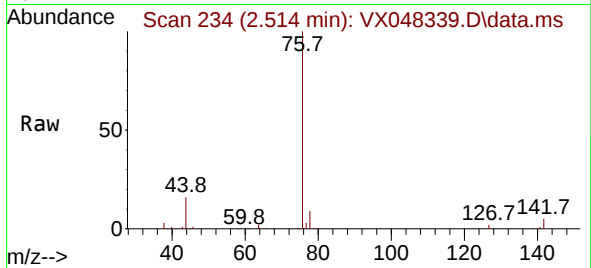
Tgt Ion: 43 Resp: 102142
Ion Ratio Lower Upper
43 100
58 26.3 23.4 35.2





#17
Carbon Disulfide
Concen: 47.388 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

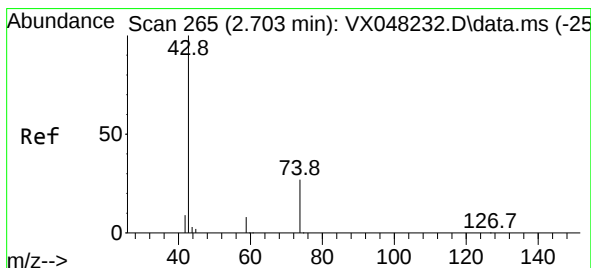
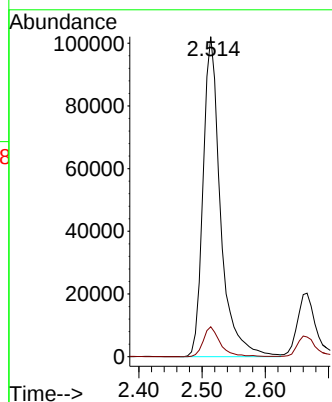
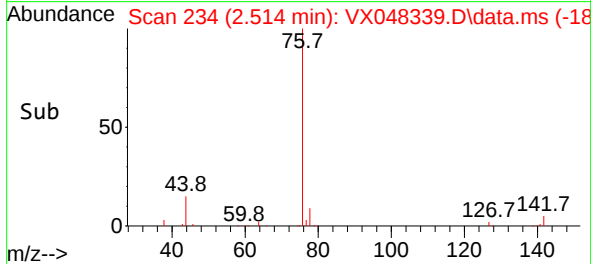
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 196078
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

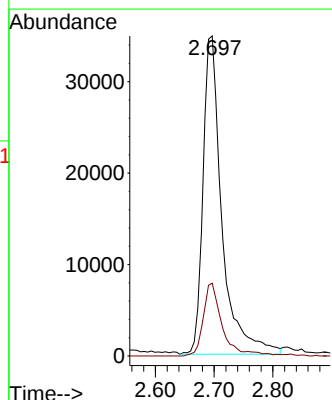
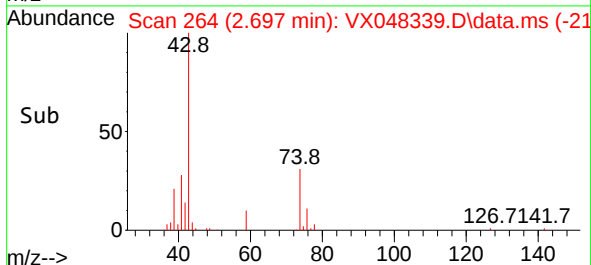
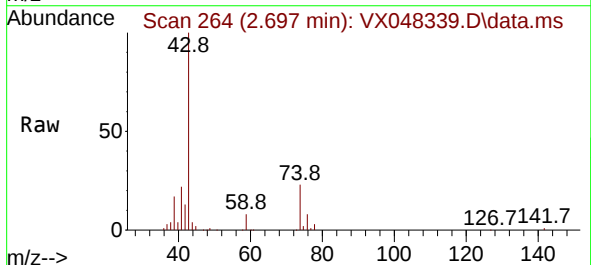
Manual Integrations
APPROVED

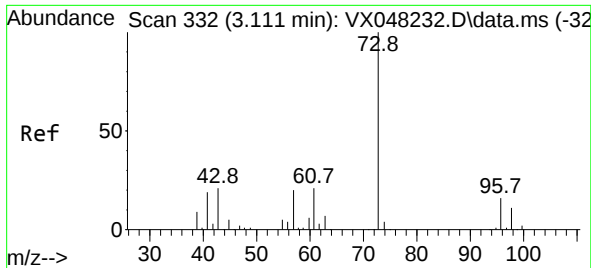
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 62.192 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

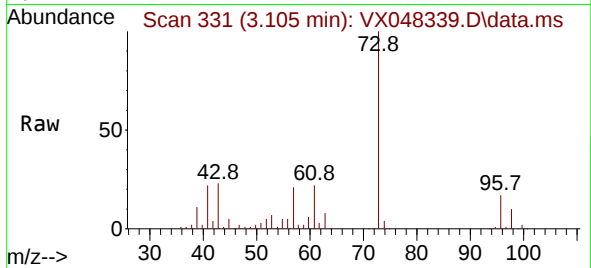
Tgt Ion: 43 Resp: 78123
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 58.527 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

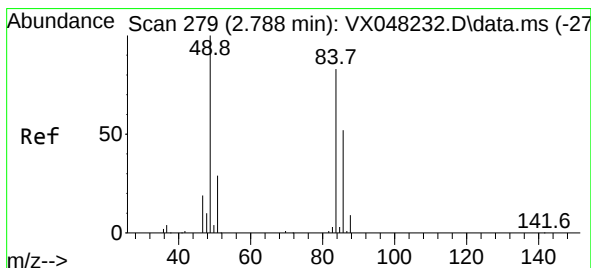
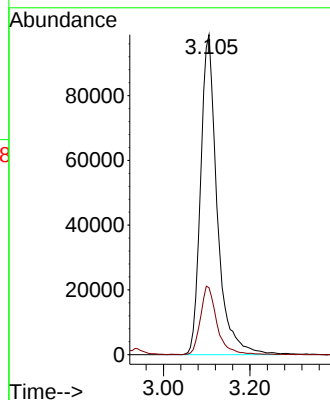
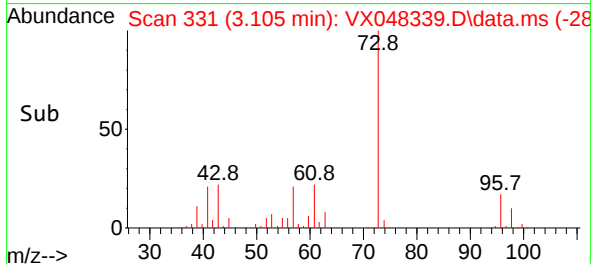
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 262138
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

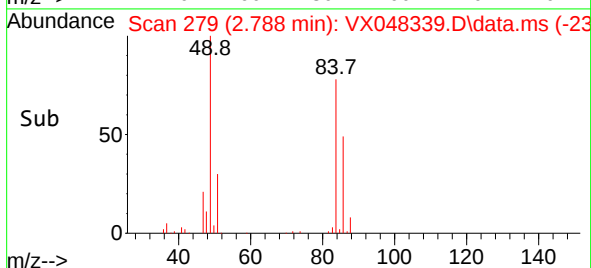
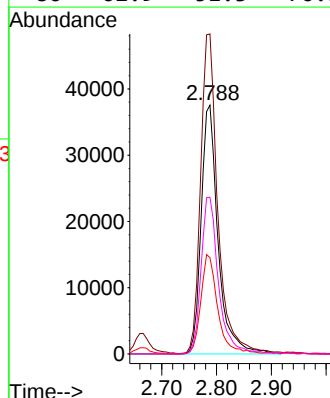
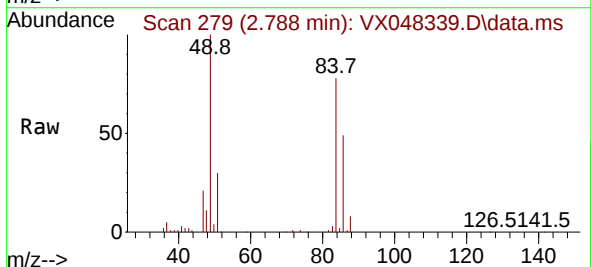
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 55.018 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

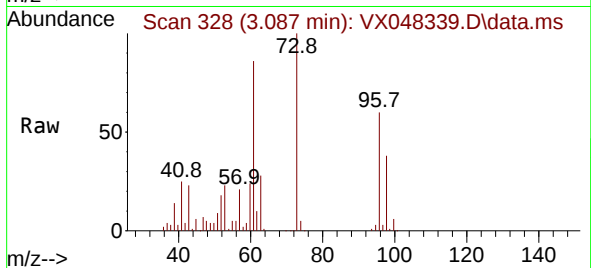
Tgt Ion: 84 Resp: 80635
Ion Ratio Lower Upper
84 100
49 128.4 104.1 156.1
51 38.7 31.3 46.9
86 62.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 53.552 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

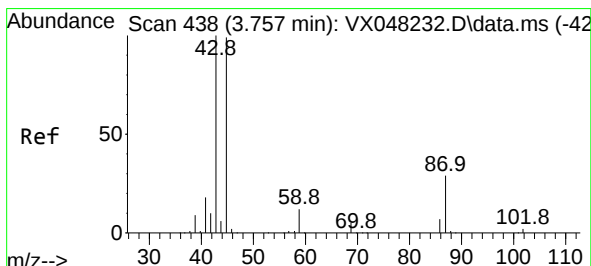
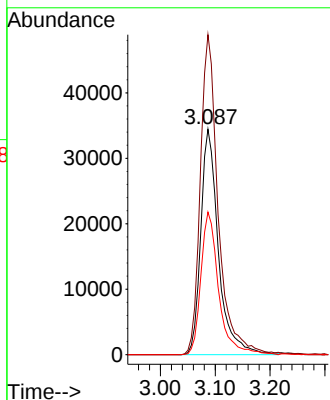
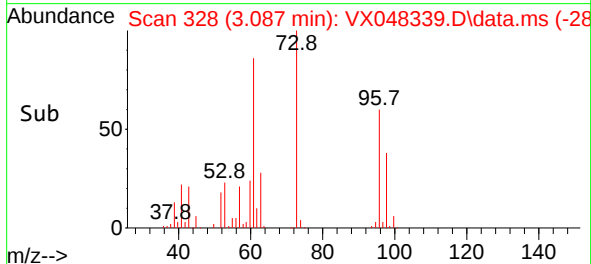
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 77229
Ion Ratio Lower Upper
96 100
61 142.0 111.9 167.9
98 64.9 51.2 76.8

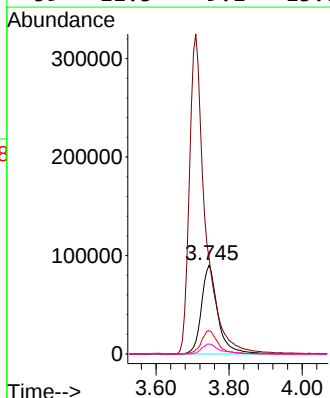
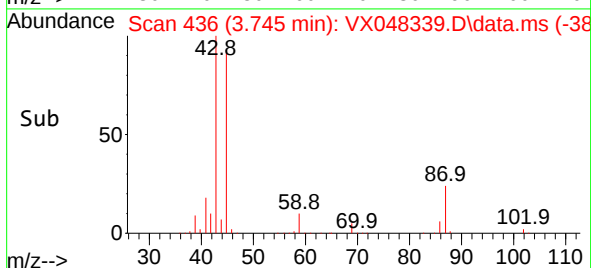
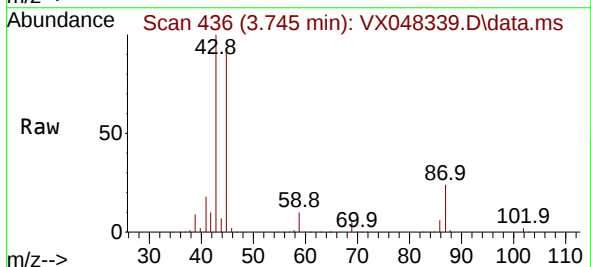
Manual Integrations
APPROVED

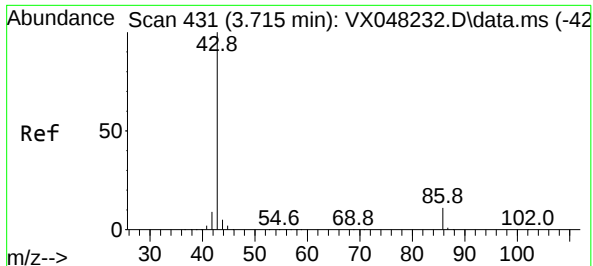
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 64.418 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 45 Resp: 280059
Ion Ratio Lower Upper
45 100
43 107.3 89.8 134.8
87 26.4 20.6 31.0
59 11.3 9.1 13.7





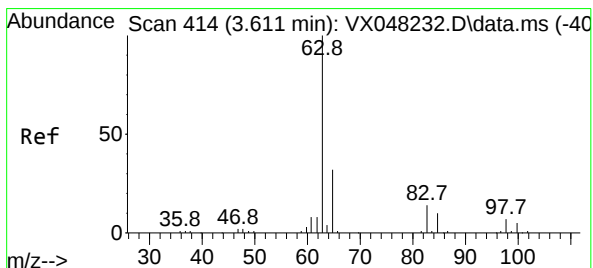
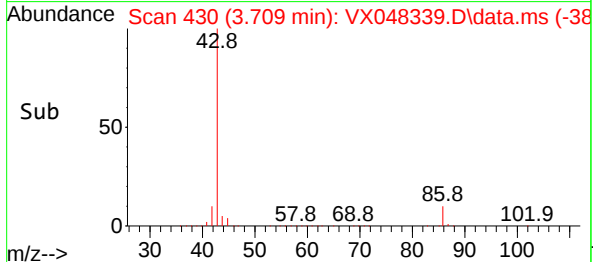
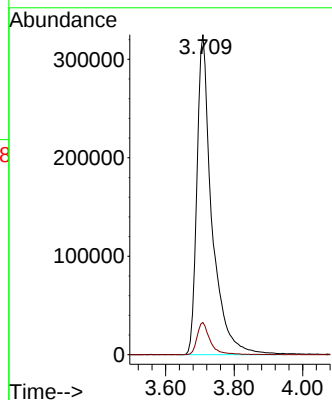
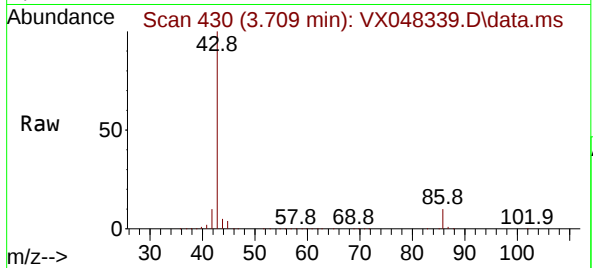
#23
 Vinyl Acetate
 Concen: 284.432 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 987789
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

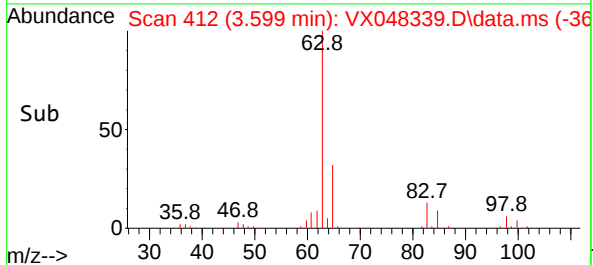
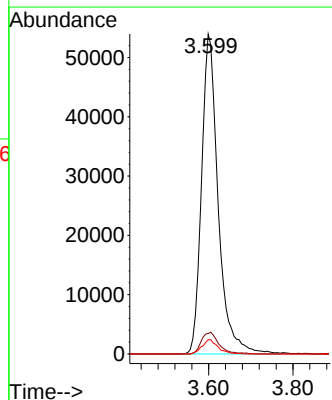
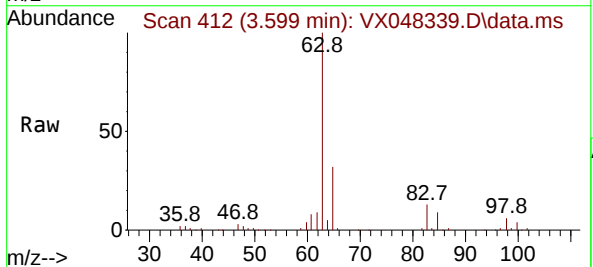
Manual Integrations
 APPROVED

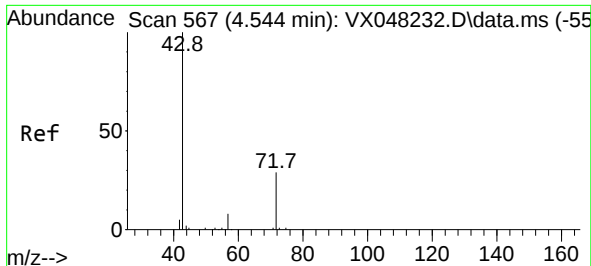
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 56.341 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

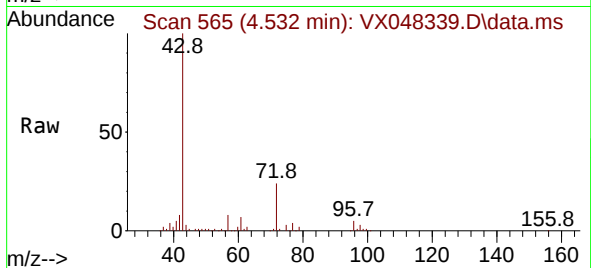
Tgt Ion: 63 Resp: 148111
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.6 2.1 6.3





#25
2-Butanone
Concen: 222.811 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

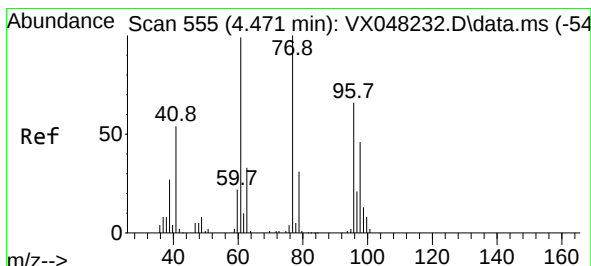
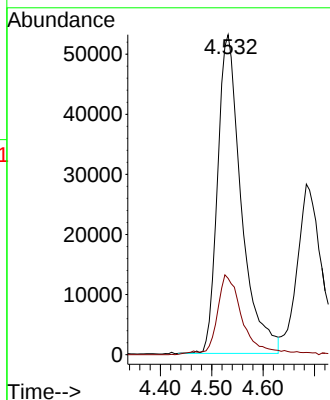
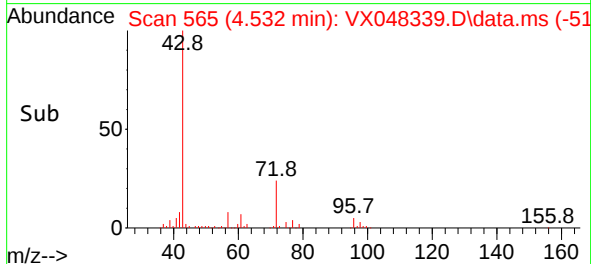
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 169634
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9

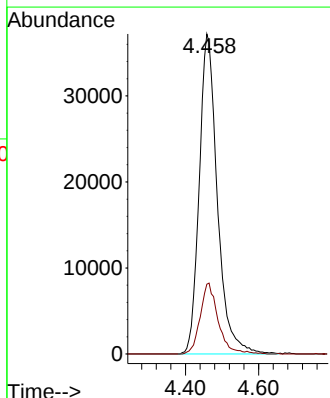
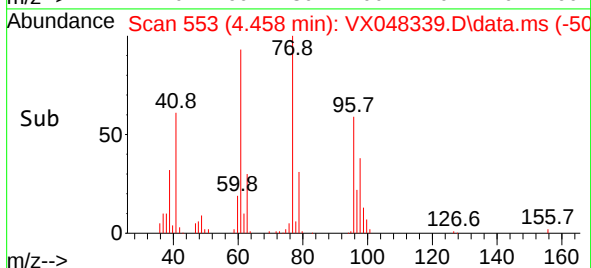
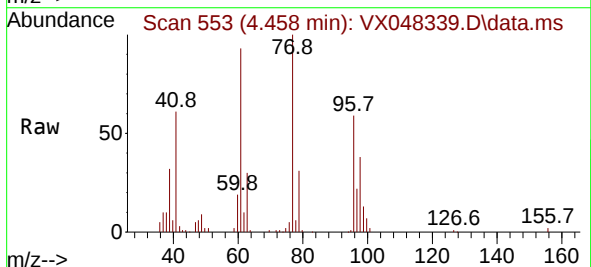
Manual Integrations
APPROVED

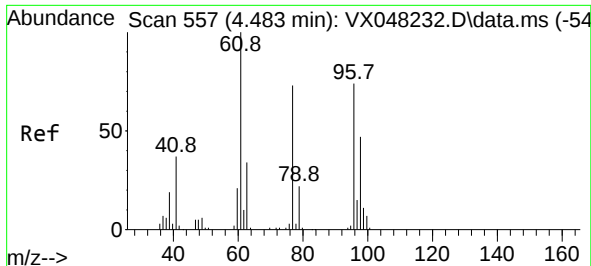
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 53.987 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 77 Resp: 128101
Ion Ratio Lower Upper
77 100
97 22.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 55.383 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9321

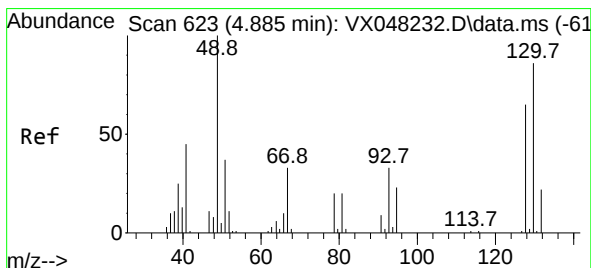
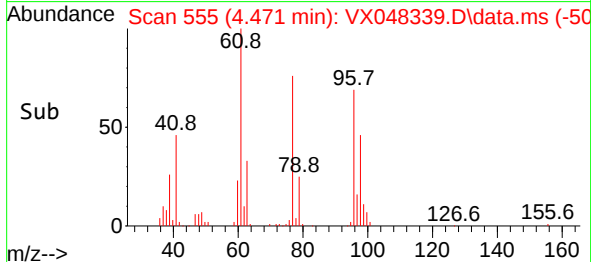
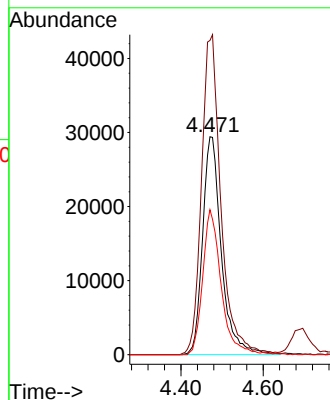
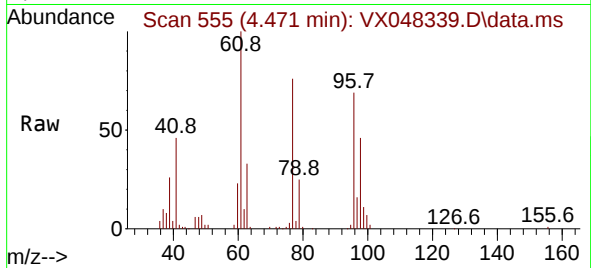
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	294.2
98	64.9	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 57.651 ug/l

RT: 4.879 min Scan# 622

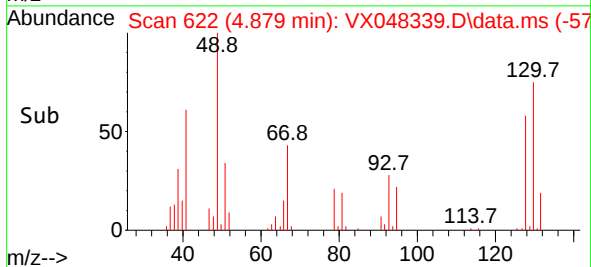
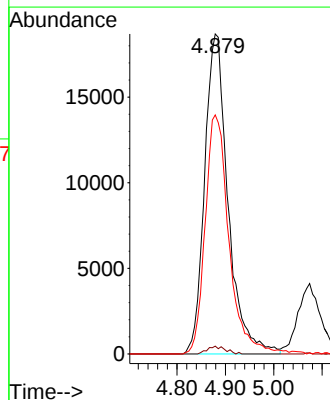
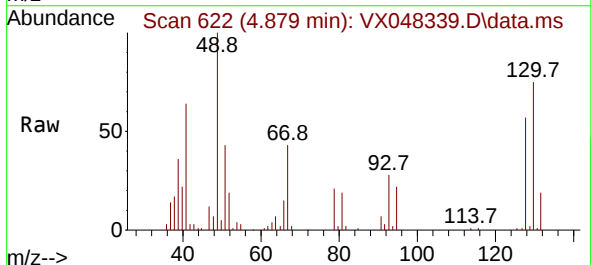
Delta R.T. -0.006 min

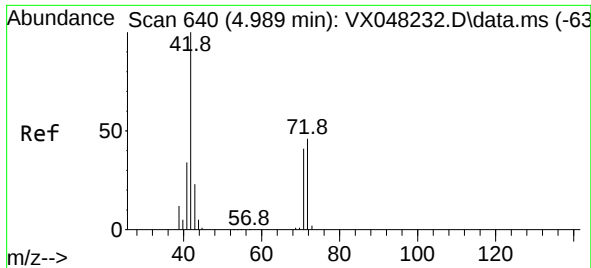
Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Tgt Ion: 49 Resp: 62840

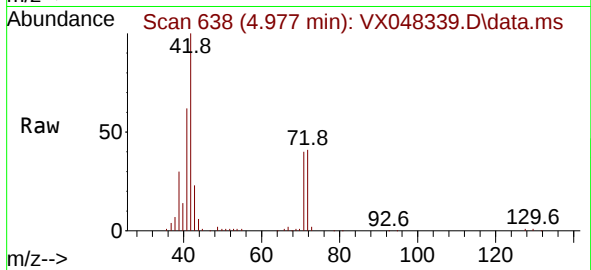
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	75.9	59.3	88.9





#29
Tetrahydrofuran
Concen: 284.809 ug/l
RT: 4.977 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

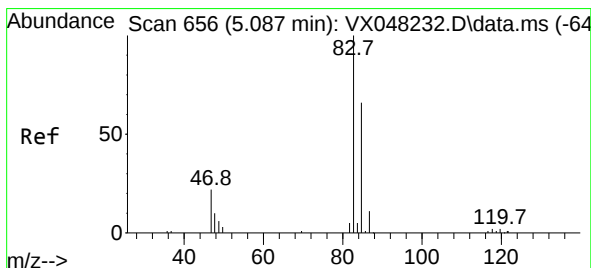
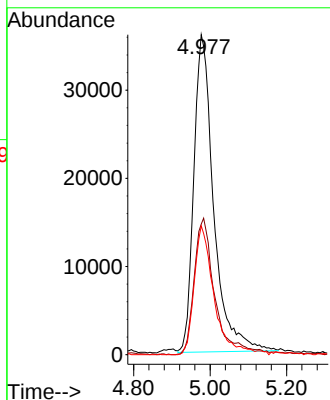
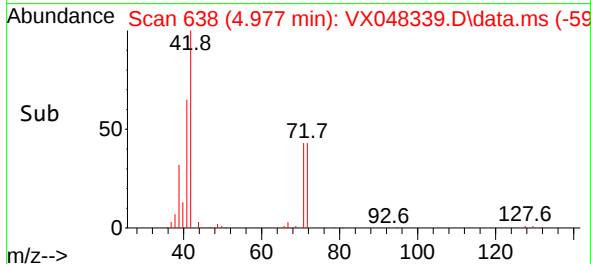
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 12986
Ion Ratio Lower Upper
42 100
72 44.9 35.3 52.9
71 40.1 32.2 48.4

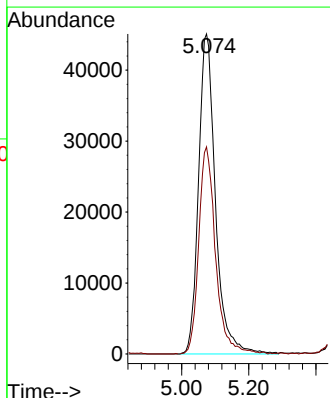
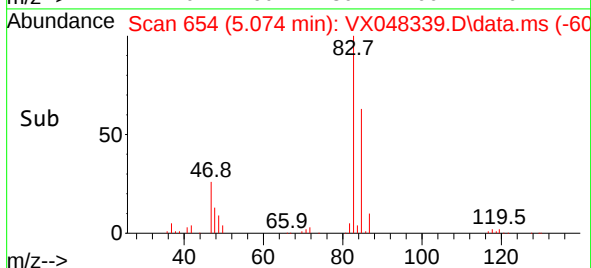
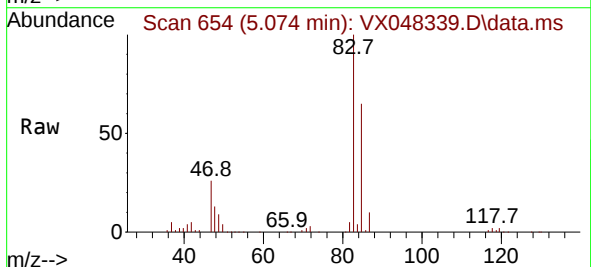
Manual Integrations
APPROVED

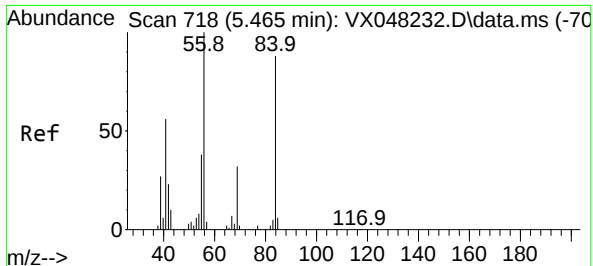
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
Chloroform
Concen: 56.158 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

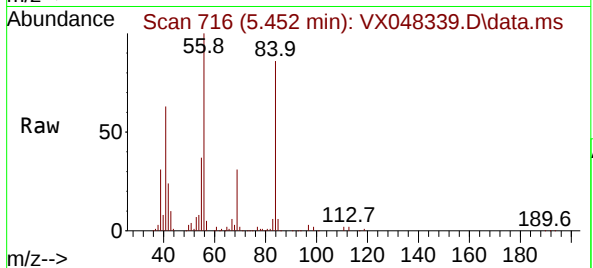
Tgt Ion: 83 Resp: 157726
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1





#31
Cyclohexane
Concen: 55.630 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

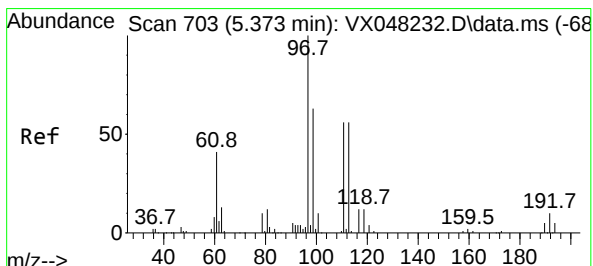
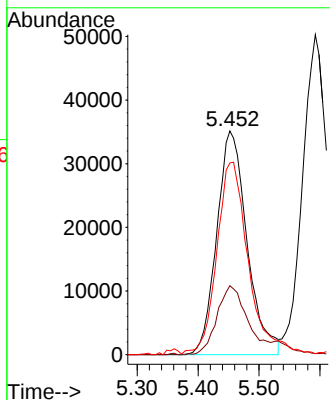
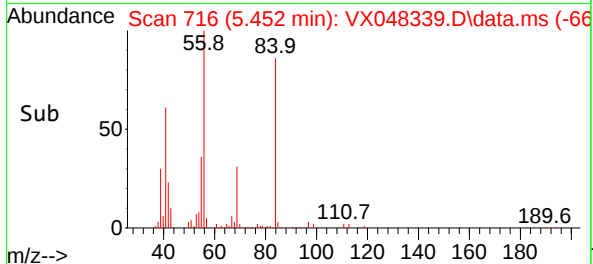
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 121074
Ion Ratio Lower Upper
56 100
69 30.2 23.0 34.6
84 83.5 64.6 97.0

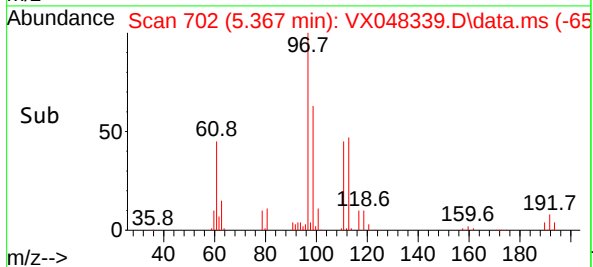
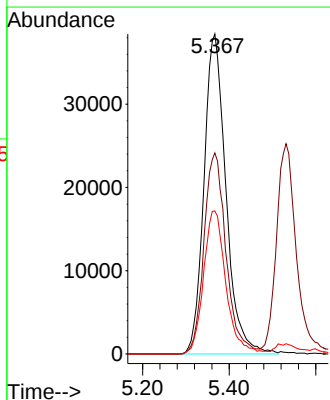
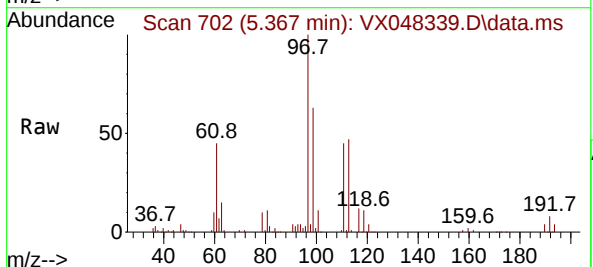
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 52.310 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 97 Resp: 135402
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 45.6 34.8 52.2





#33
 1,2-Dichloroethane-d4
 Concen: 53.755 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

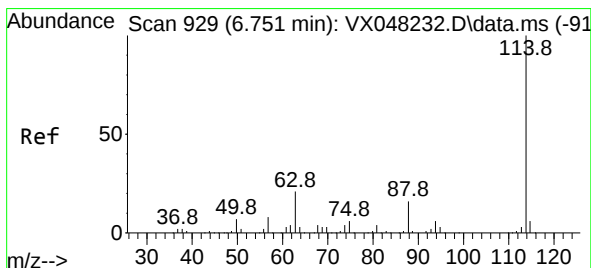
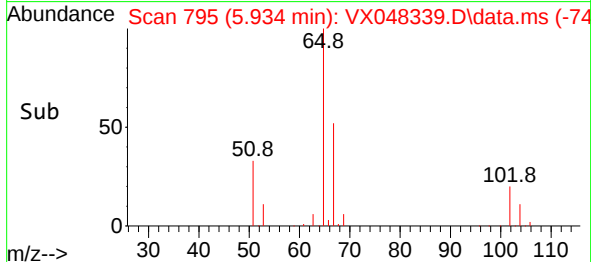
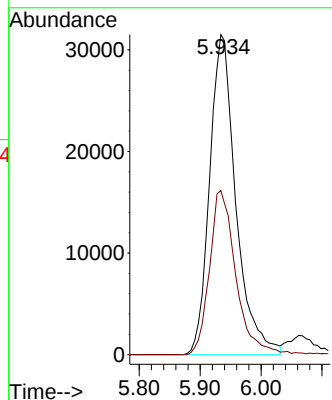
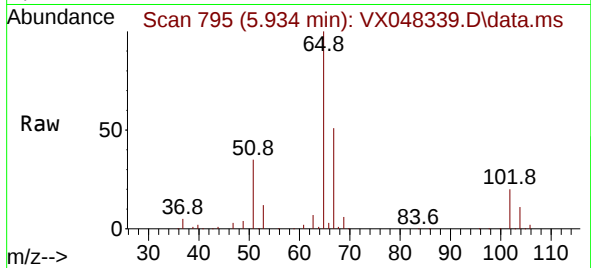
VSTDCCC050

Tgt Ion: 65 Resp: 94250
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.0

Manual Integrations

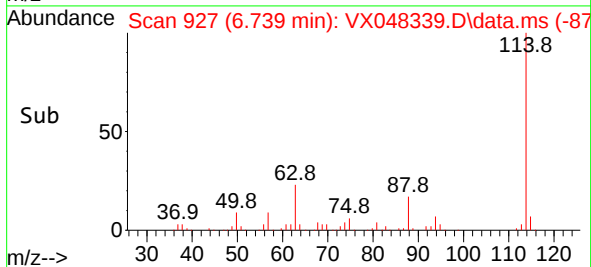
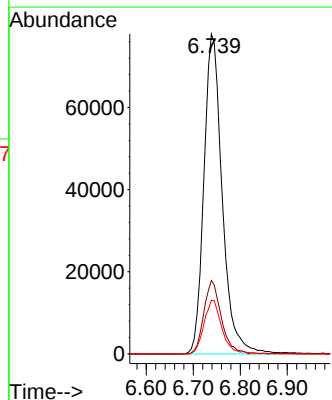
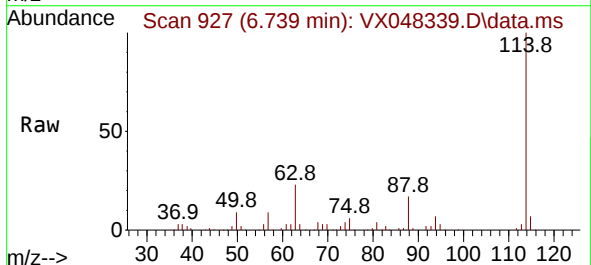
APPROVED

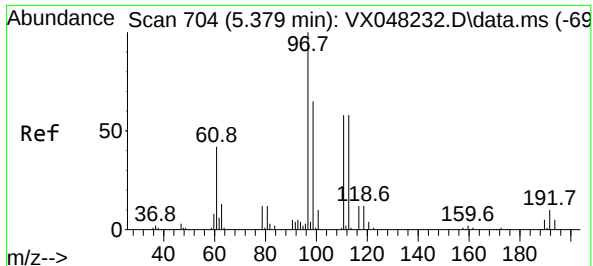
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

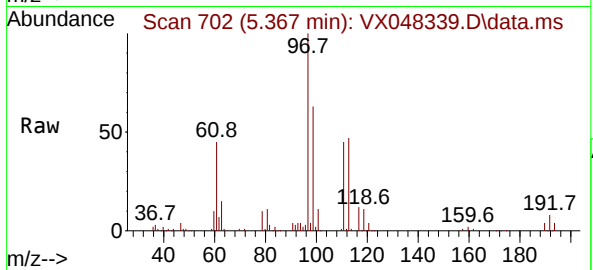
Tgt Ion:114 Resp: 210685
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.2
 88 16.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 40.612 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

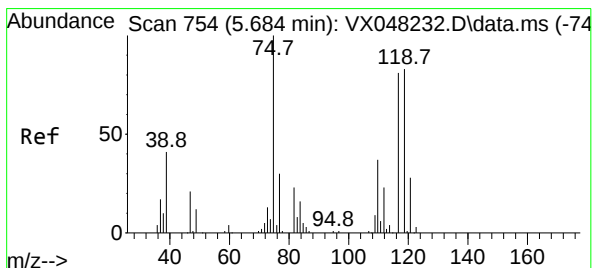
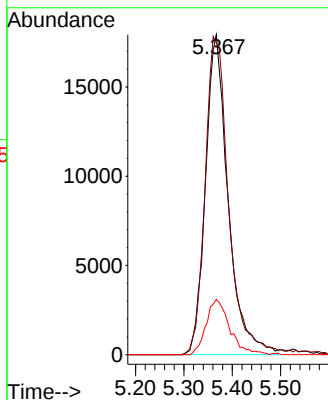
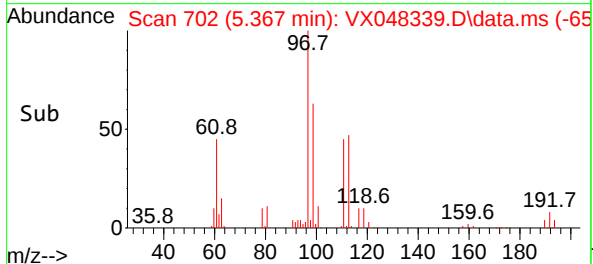
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 58414
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.9 15.1 22.7

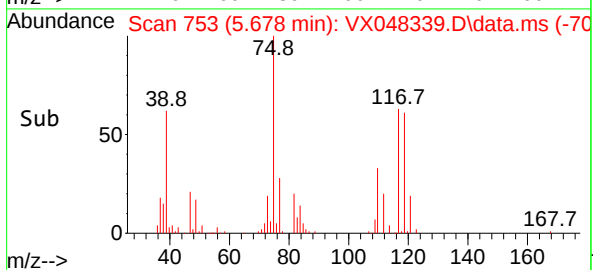
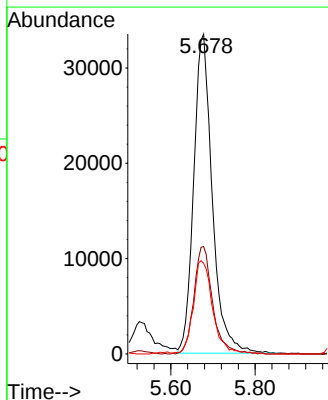
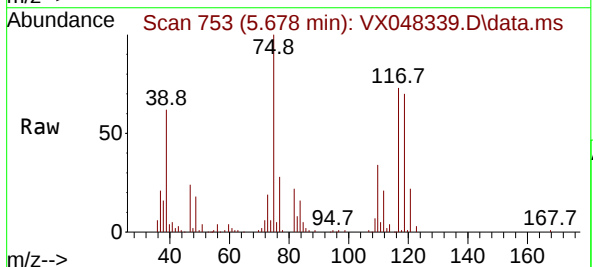
Manual Integrations
APPROVED

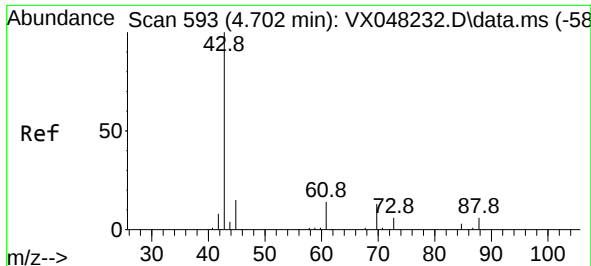
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 50.154 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

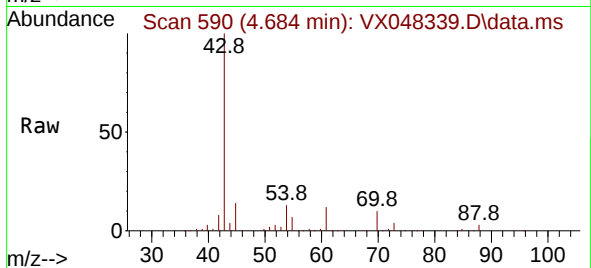
Tgt Ion: 75 Resp: 102532
Ion Ratio Lower Upper
75 100
110 34.0 17.7 53.1
77 29.8 24.3 36.5





#37
Ethyl Acetate
Concen: 54.873 ug/l
RT: 4.684 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

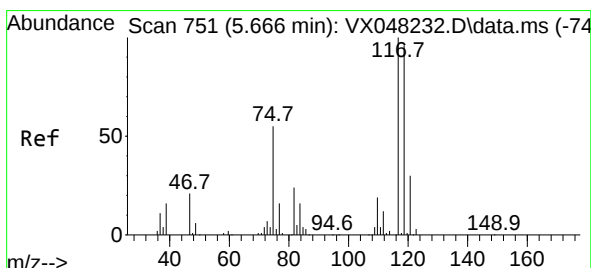
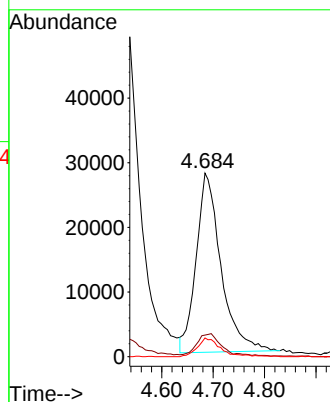
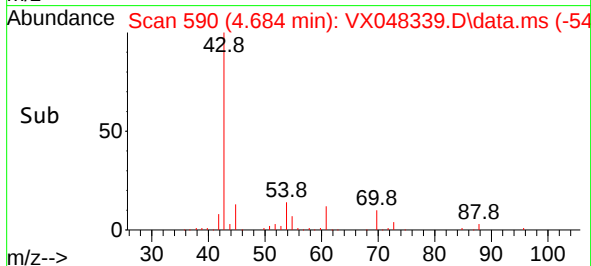
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 92982
Ion Ratio Lower Upper
43 100
61 12.5 10.6 15.8
70 9.7 7.8 11.6

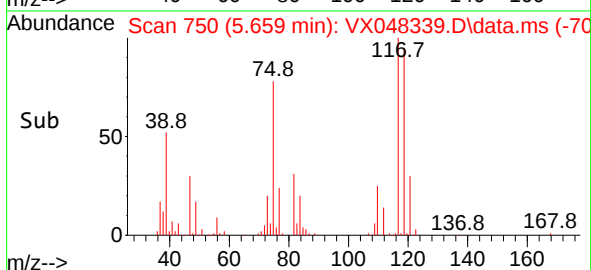
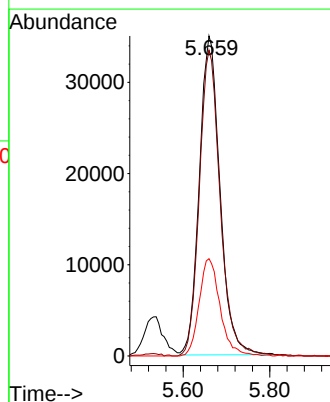
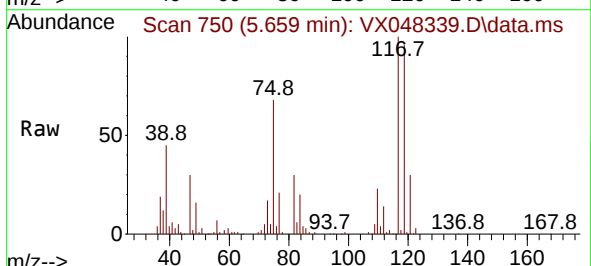
Manual Integrations
APPROVED

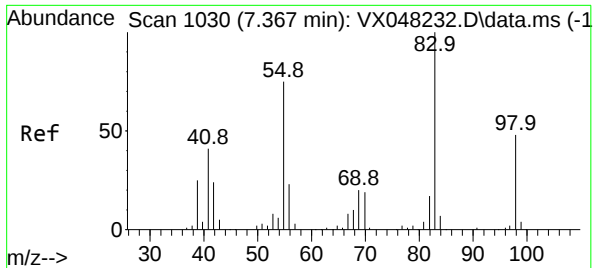
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 45.939 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

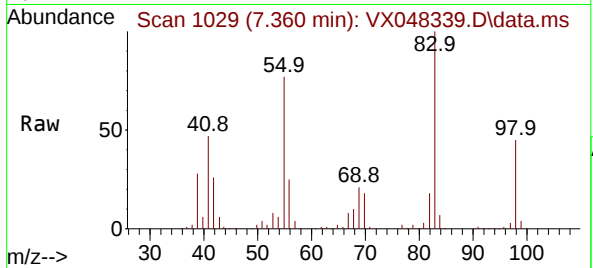
Tgt Ion:117 Resp: 115868
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 30.5 24.8 37.2





#39
Methylcyclohexane
Concen: 50.618 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

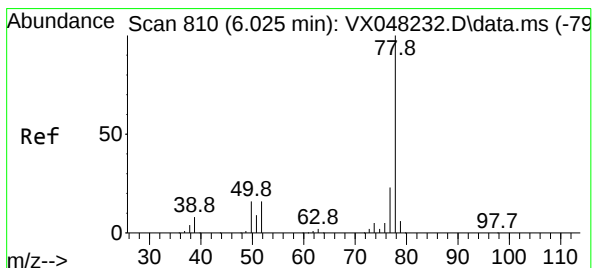
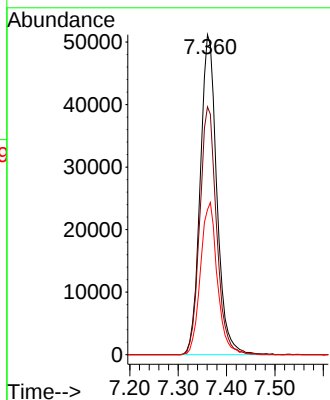
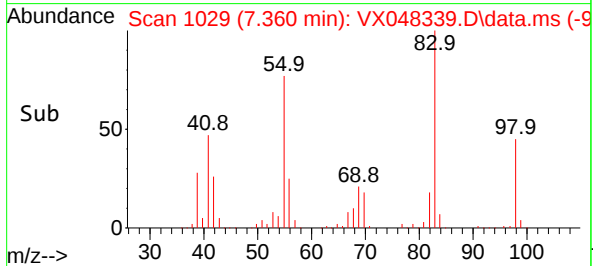
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



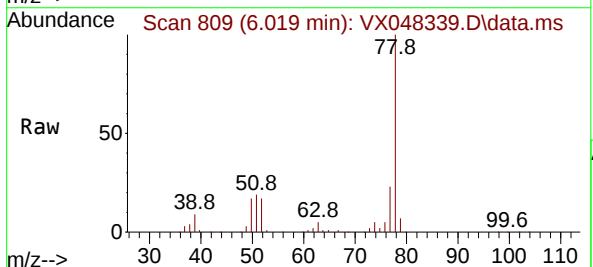
Tgt Ion: 83 Resp: 122210
Ion Ratio Lower Upper
83 100
55 77.5 66.2 99.2
98 45.3 38.9 58.3

Manual Integrations
APPROVED

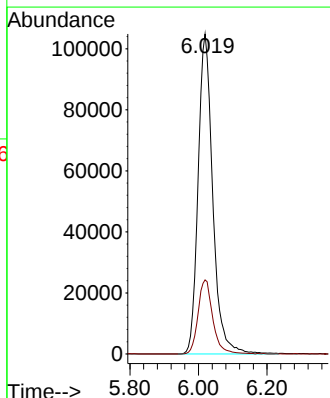
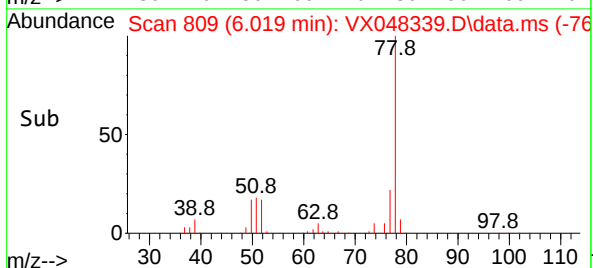
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

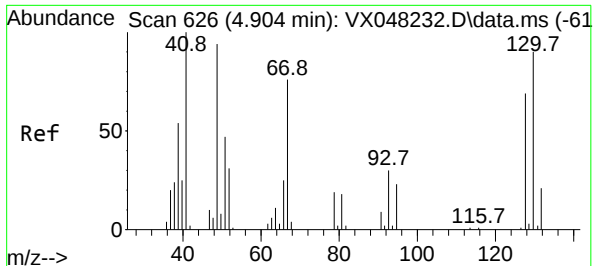


#40
Benzene
Concen: 52.544 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



Tgt Ion: 78 Resp: 311870
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





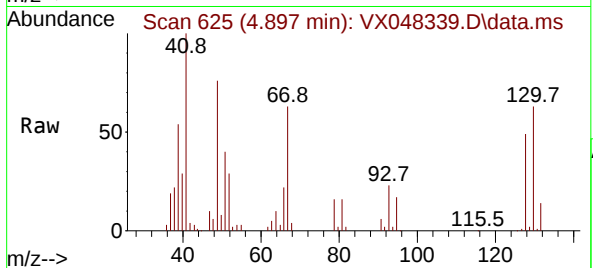
#41
Methacrylonitrile
Concen: 57.081 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



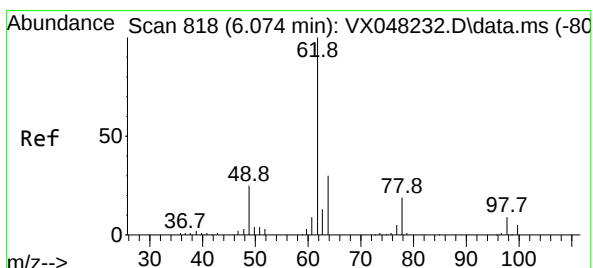
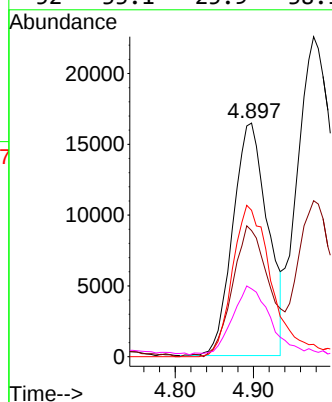
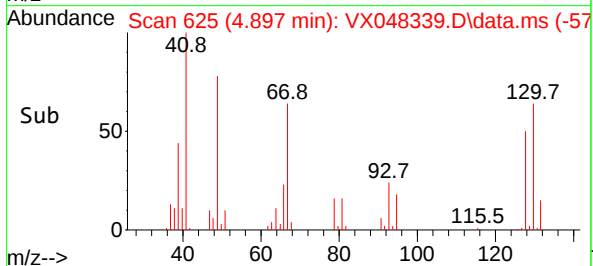
Tgt Ion: 41 Resp: 5079
Ion Ratio Lower Upper
41 100
39 59.2 44.0 66.0
67 76.4 58.7 88.1
52 33.1 25.9 38.9

Manual Integrations

APPROVED

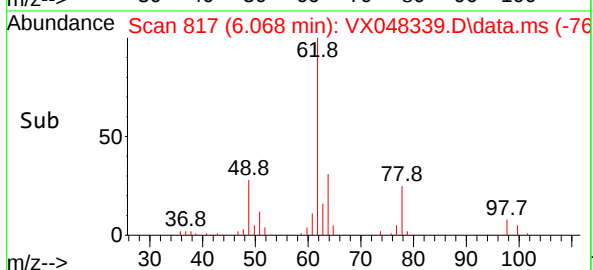
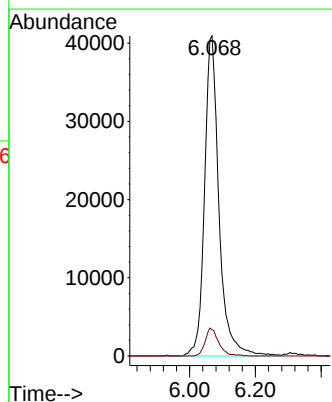
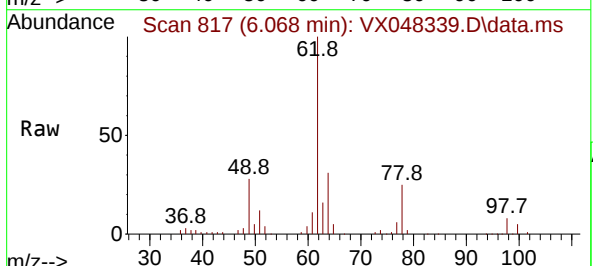
Reviewed By :John Carlone 10/27/2025

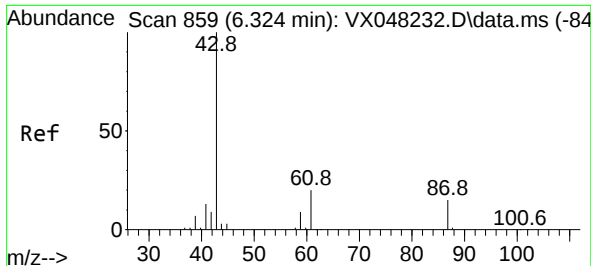
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 56.900 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 62 Resp: 124623
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





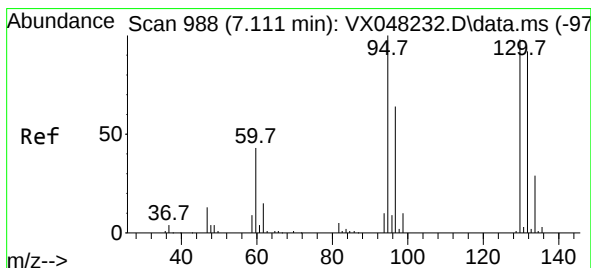
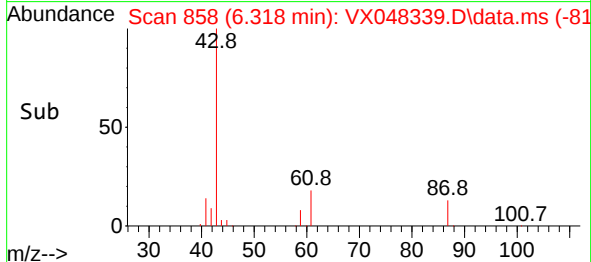
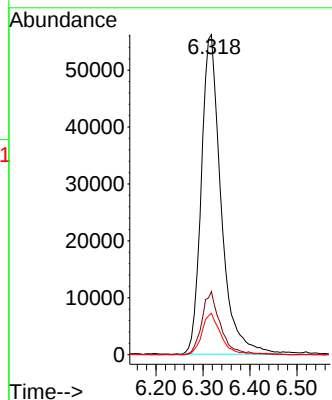
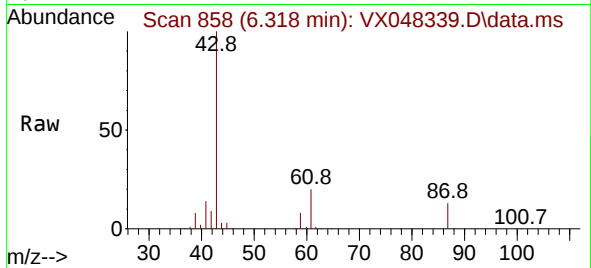
#43
Isopropyl Acetate
Concen: 58.836 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16376
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.5 9.4 14.2

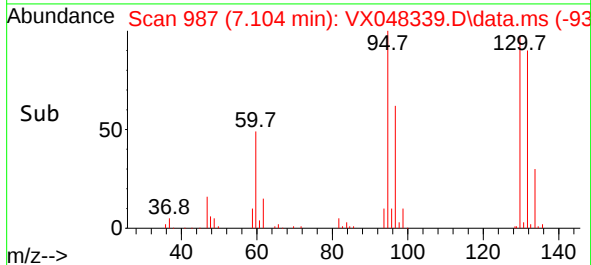
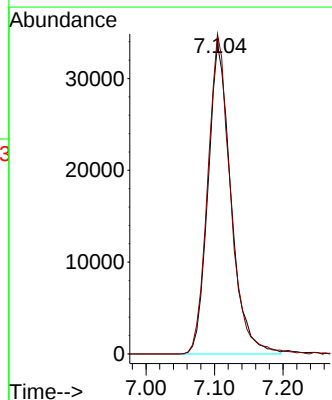
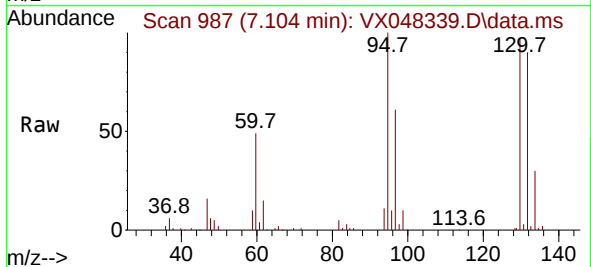
Manual Integrations
APPROVED

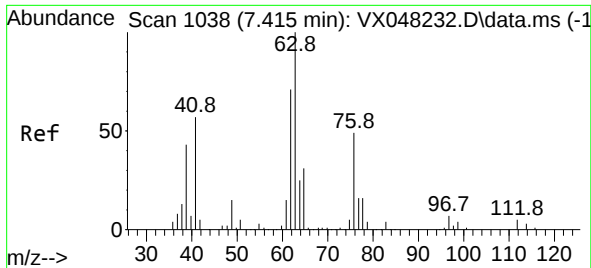
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 50.249 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:130 Resp: 78753
Ion Ratio Lower Upper
130 100
95 103.4 0.0 200.6





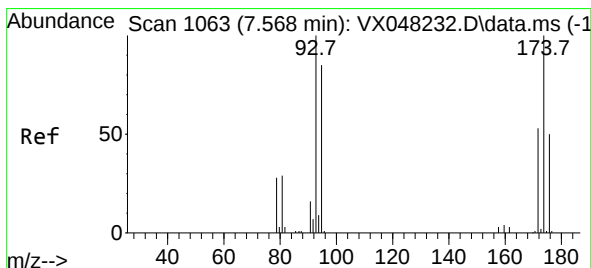
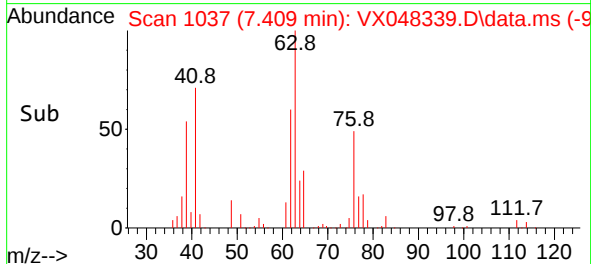
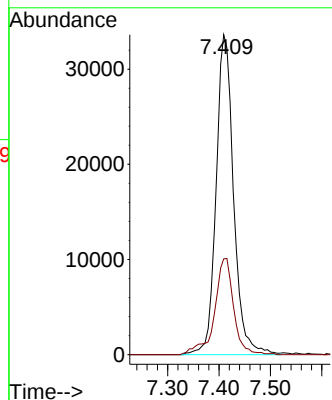
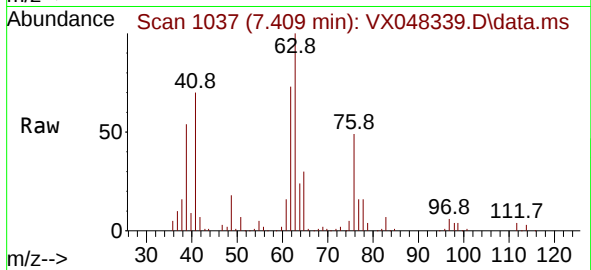
#45
1,2-Dichloropropane
Concen: 56.442 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 79649
Ion Ratio Lower Upper
63 100
65 29.9 24.1 36.1

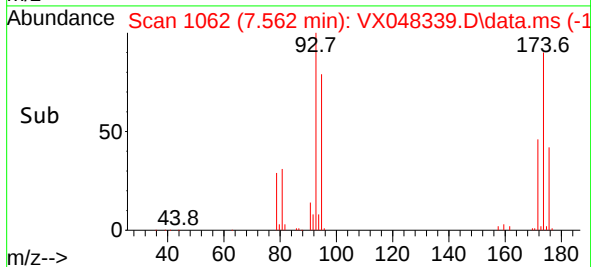
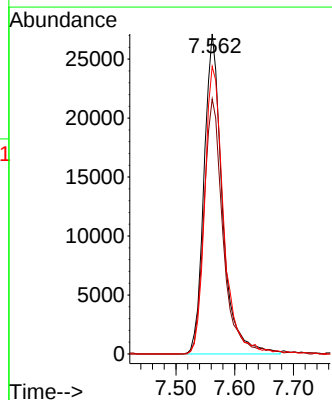
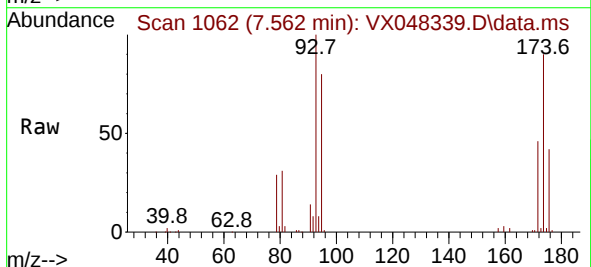
Manual Integrations
APPROVED

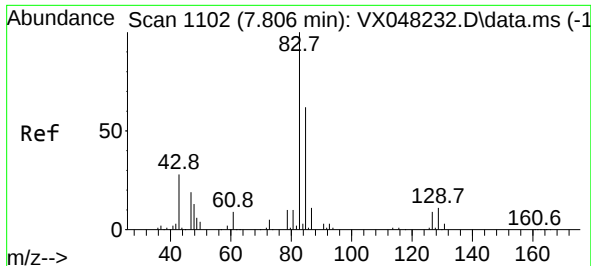
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#46
Dibromomethane
Concen: 53.679 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 93 Resp: 59016
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 92.8 71.7 107.5





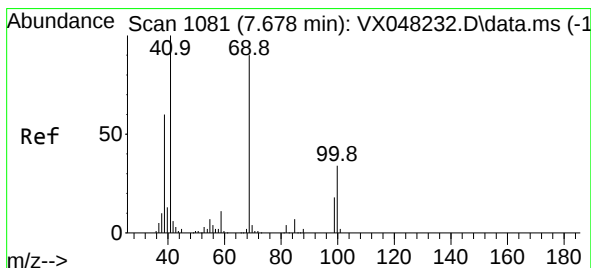
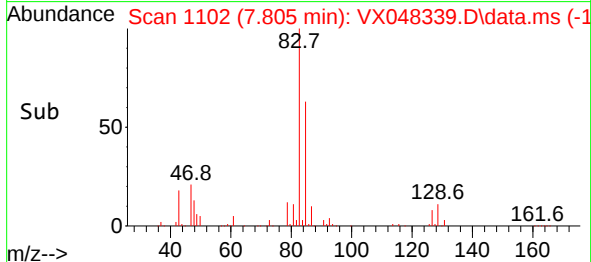
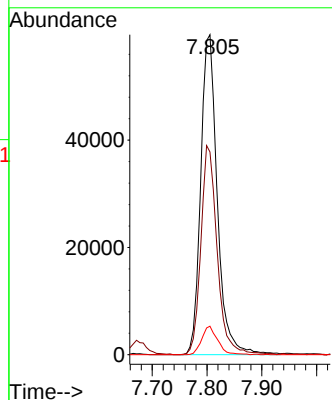
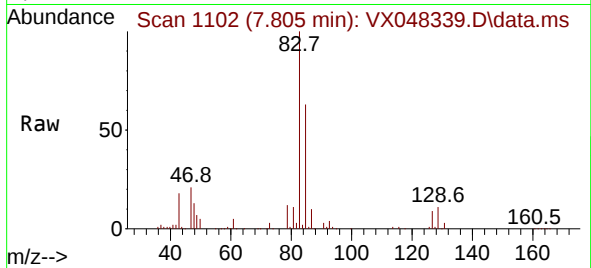
#47
Bromodichloromethane
Concen: 52.892 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 125550
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.9 7.3 10.9

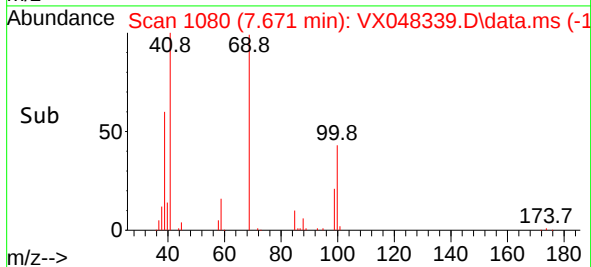
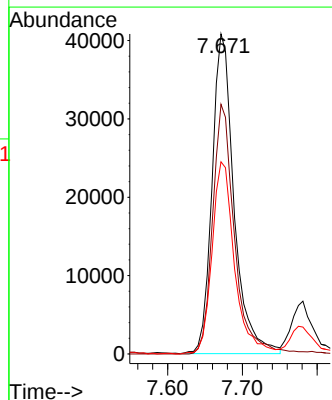
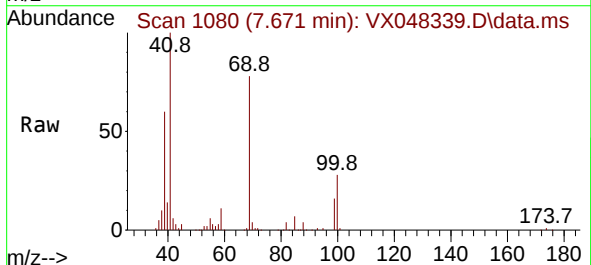
Manual Integrations
APPROVED

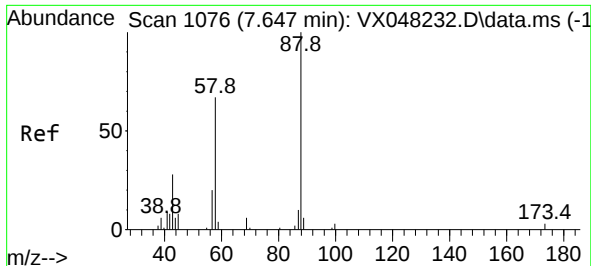
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 59.262 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

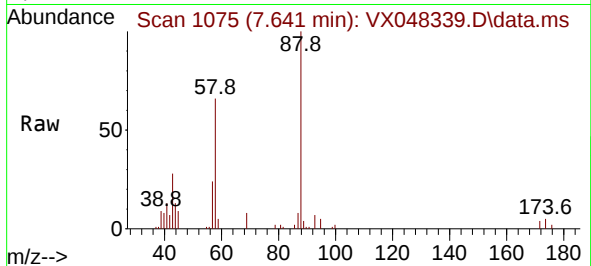
Tgt Ion: 41 Resp: 83235
Ion Ratio Lower Upper
41 100
69 78.5 63.4 95.0
39 61.5 47.1 70.7





#49
1,4-Dioxane
Concen: 986.597 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

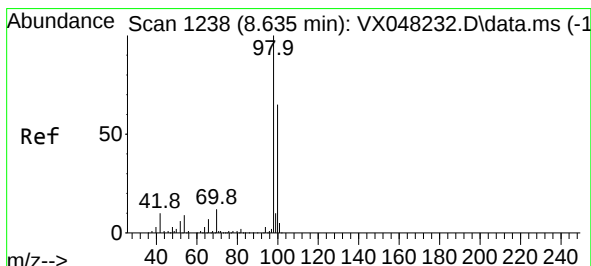
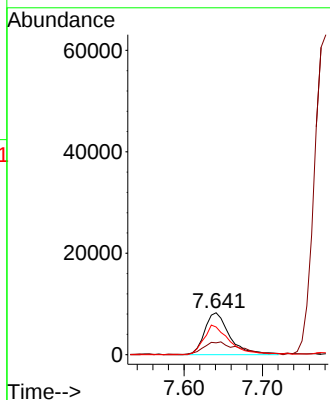
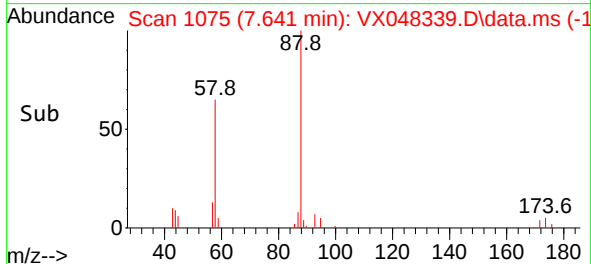
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 18307
Ion Ratio Lower Upper
88 100
43 44.0 35.0 52.4
58 72.1 61.9 92.9

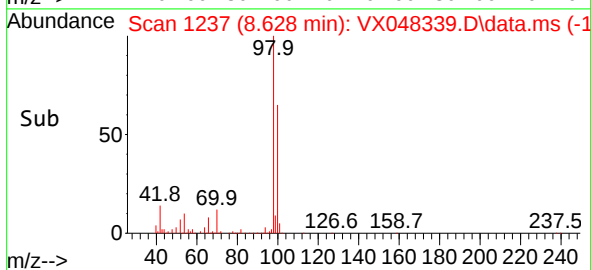
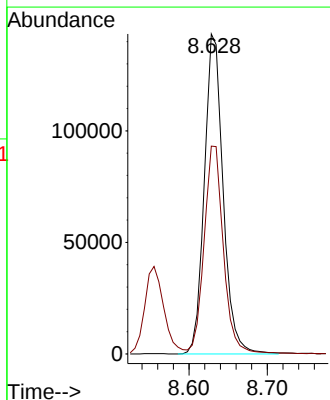
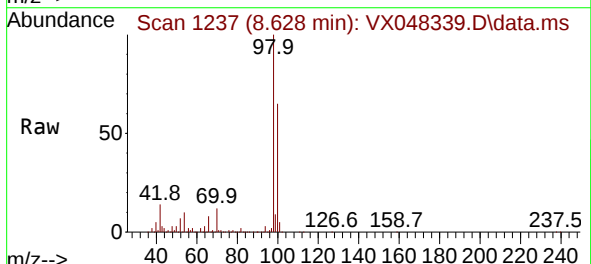
Manual Integrations
APPROVED

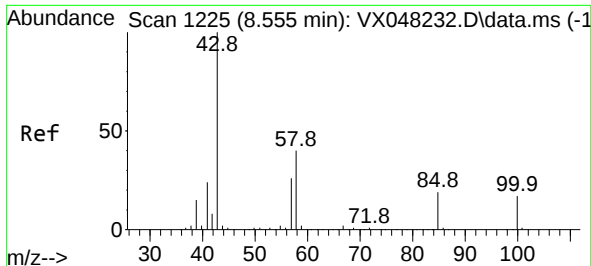
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 47.331 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

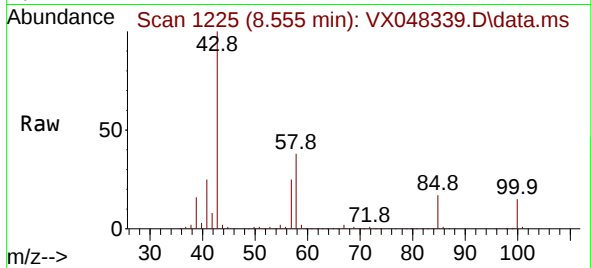
Tgt Ion: 98 Resp: 238621
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 284.549 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

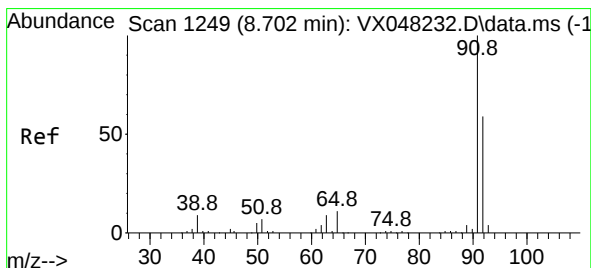
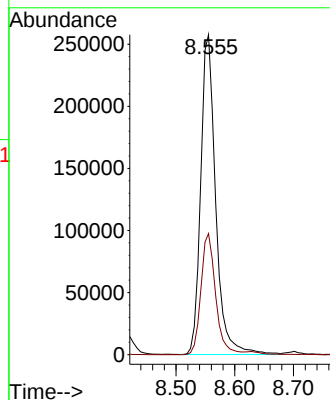
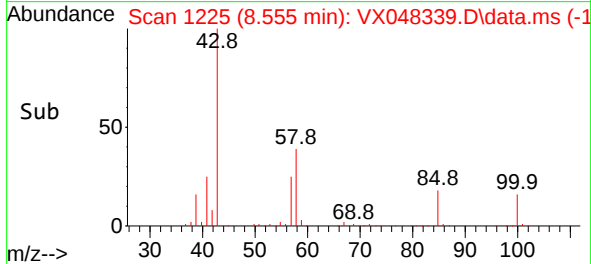
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 456649
Ion Ratio Lower Upper
43 100
58 37.2 29.5 44.3

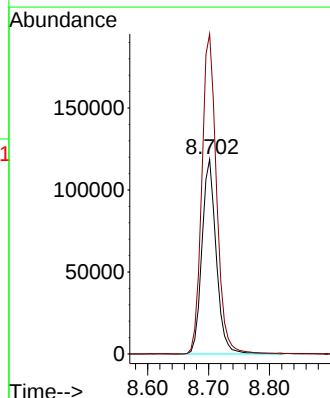
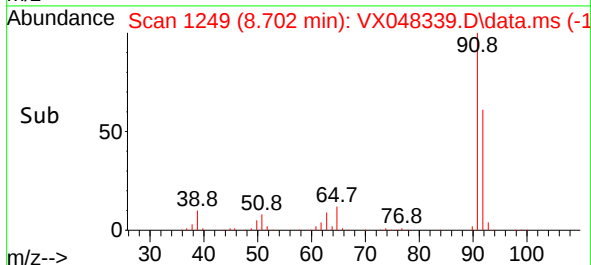
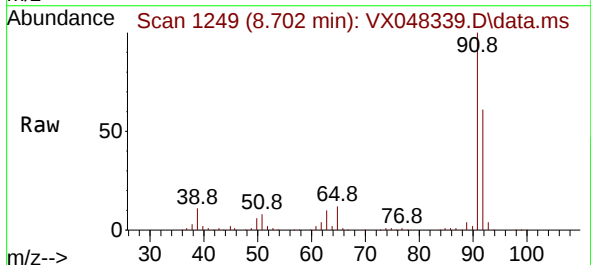
Manual Integrations
APPROVED

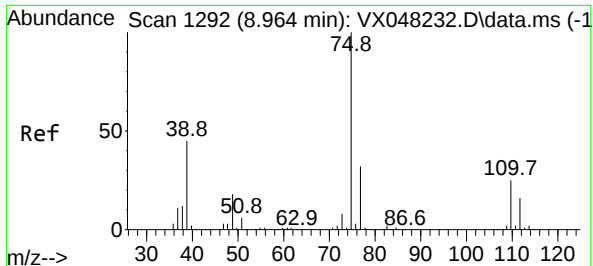
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 51.366 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 92 Resp: 193684
Ion Ratio Lower Upper
92 100
91 169.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 51.329 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 117418

Ion Ratio Lower Upper

75 100

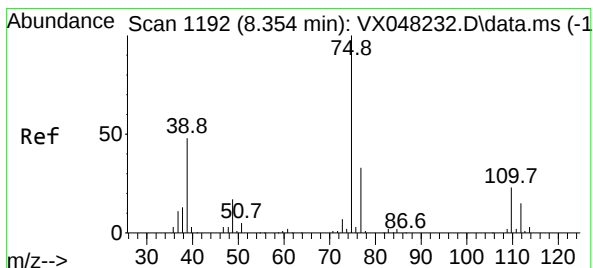
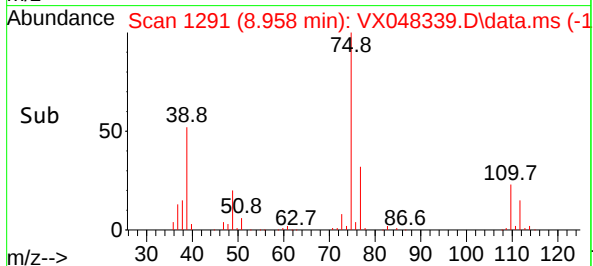
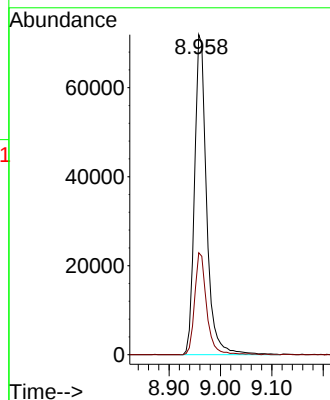
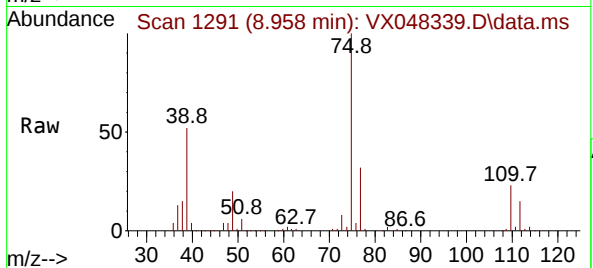
77 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 48.835 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

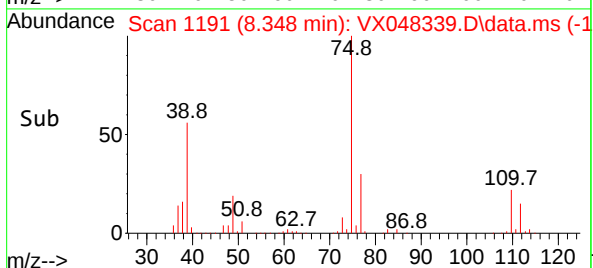
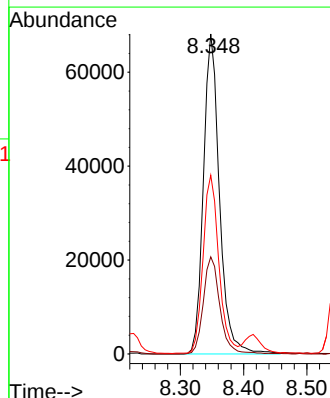
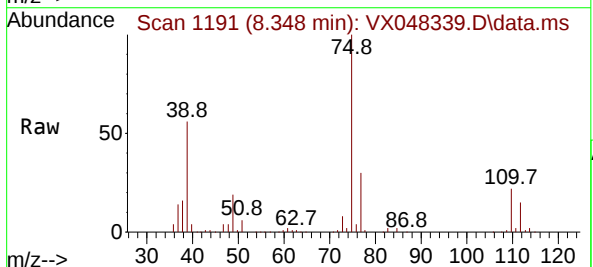
Tgt Ion: 75 Resp: 120526

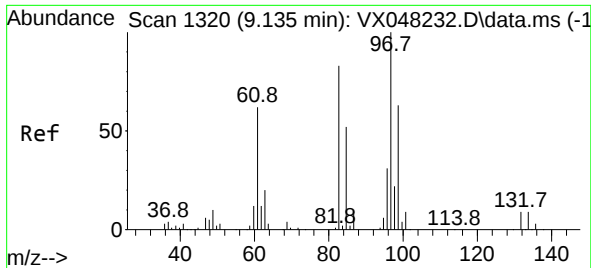
Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3

39 54.8 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 54.053 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

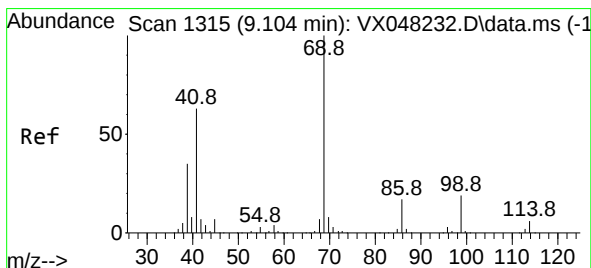
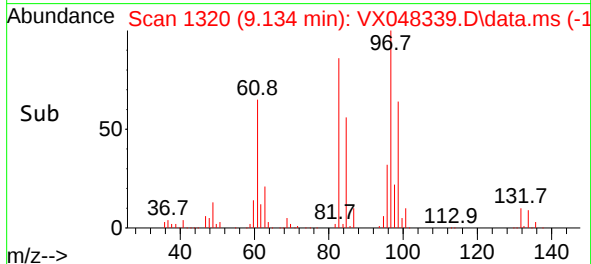
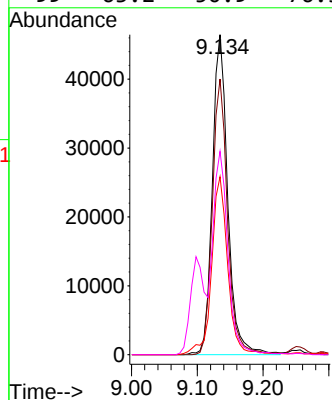
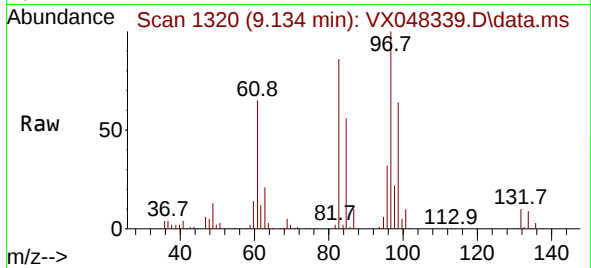
Tgt Ion: 97 Resp: 7579
Ion Ratio Lower Upper
97 100
83 86.1 70.6 105.8
85 55.5 45.0 67.6
99 63.2 50.9 76.3

Manual Integrations

APPROVED

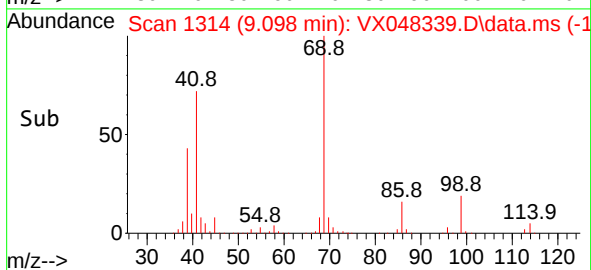
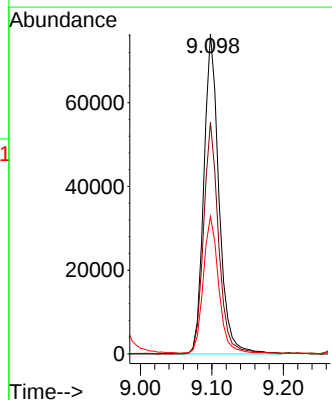
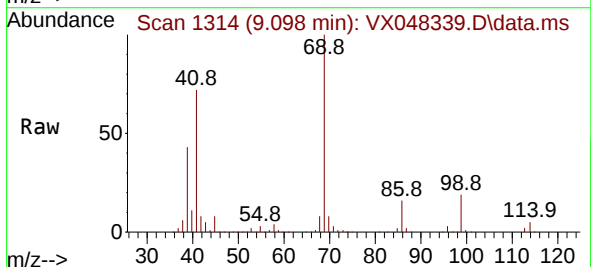
Reviewed By :John Carlone 10/27/2025

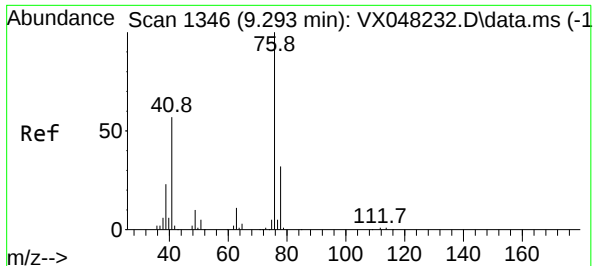
Supervised By :Mahesh Dadoda 10/27/2025



#56
Ethyl methacrylate
Concen: 55.026 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 69 Resp: 112858
Ion Ratio Lower Upper
69 100
41 72.4 56.0 84.0
39 44.0 31.6 47.4





#57

1,3-Dichloropropane

Concen: 54.042 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12944

Ion Ratio Lower Upper

76 100

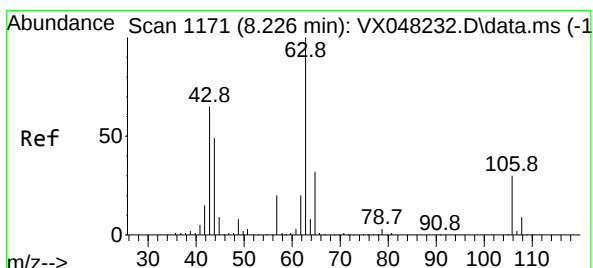
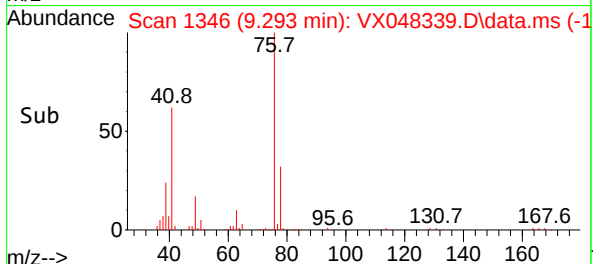
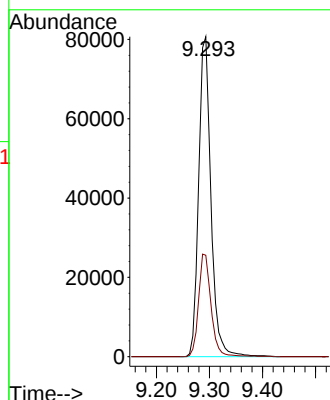
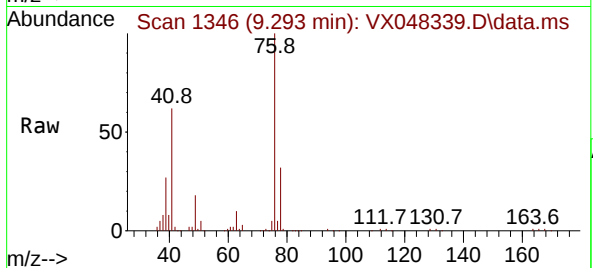
78 32.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 299.294 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048339.D

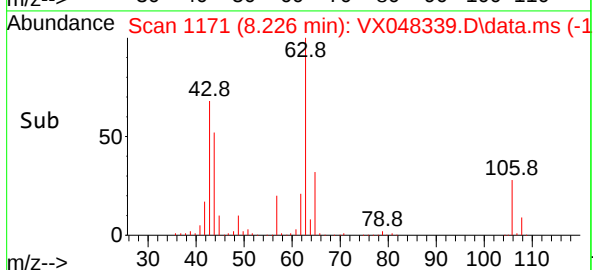
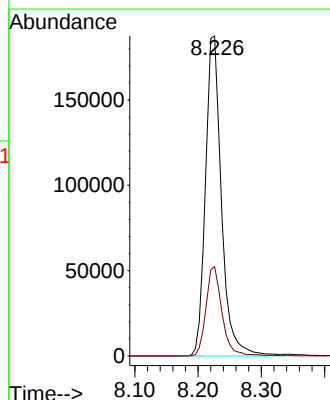
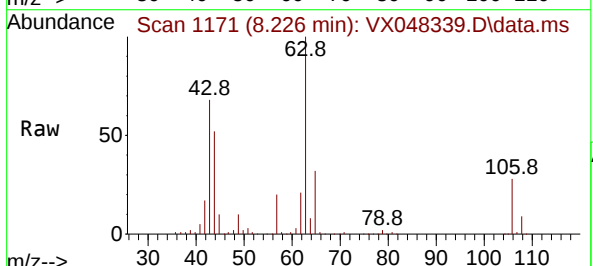
Acq: 24 Oct 2025 09:16

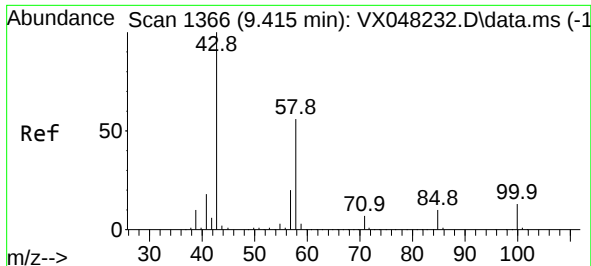
Tgt Ion: 63 Resp: 330441

Ion Ratio Lower Upper

63 100

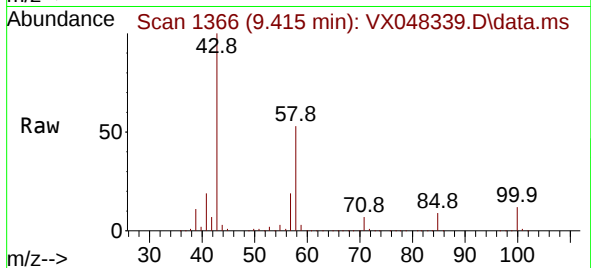
106 28.1 22.2 33.2





#59
2-Hexanone
Concen: 256.864 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

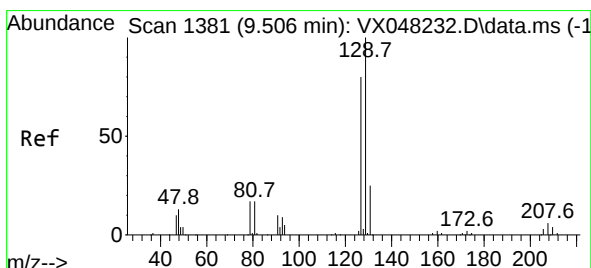
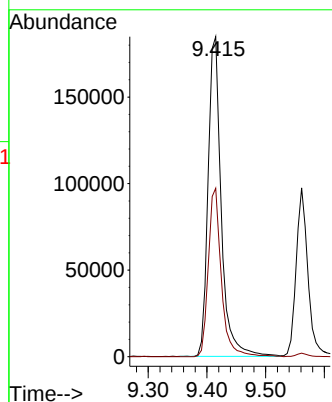
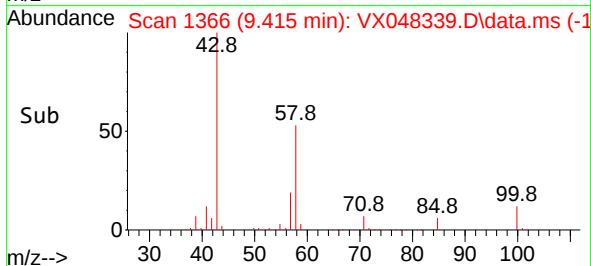
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28743
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8

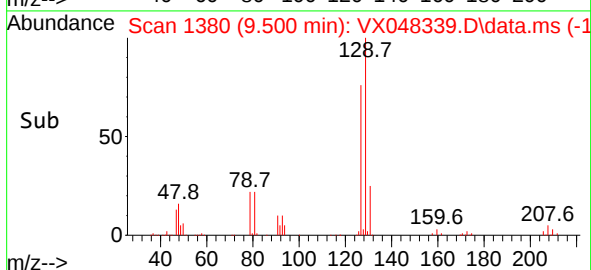
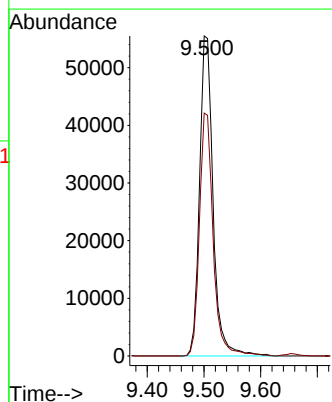
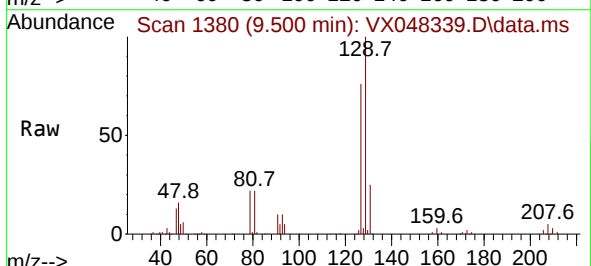
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 48.803 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

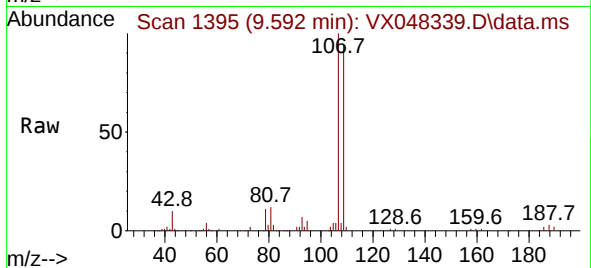
Tgt Ion:129 Resp: 91979
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.241 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

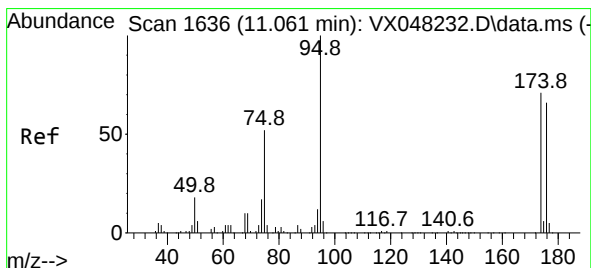
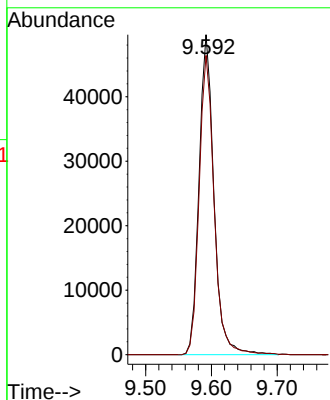
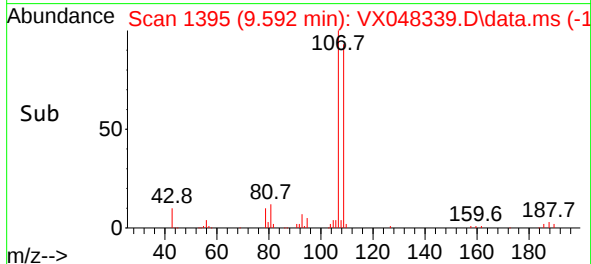
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 78094
Ion Ratio Lower Upper
107 100
109 94.5 77.0 115.4

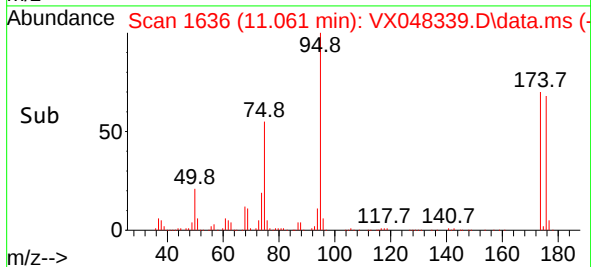
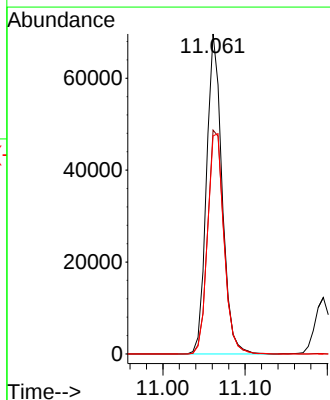
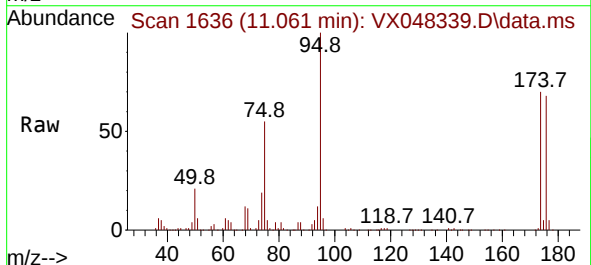
Manual Integrations
APPROVED

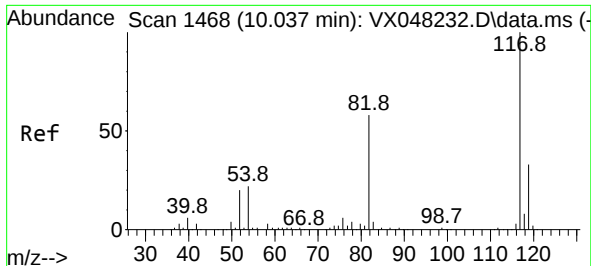
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

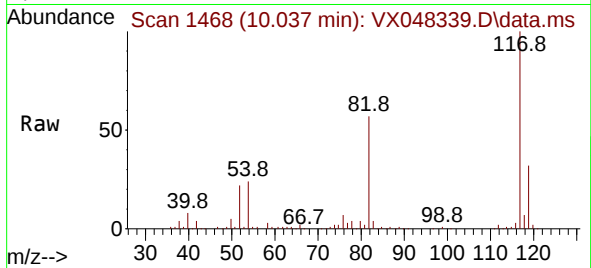
Tgt Ion: 95 Resp: 91425
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.8
176 72.8 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

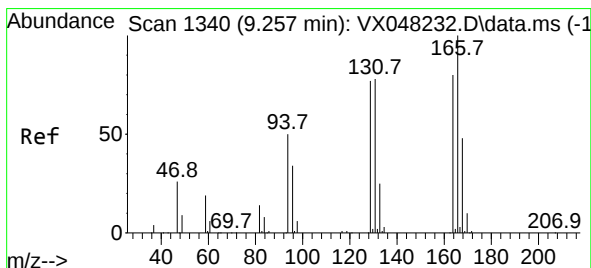
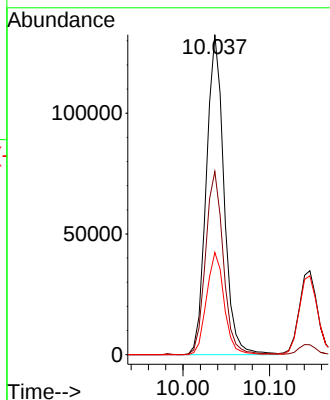
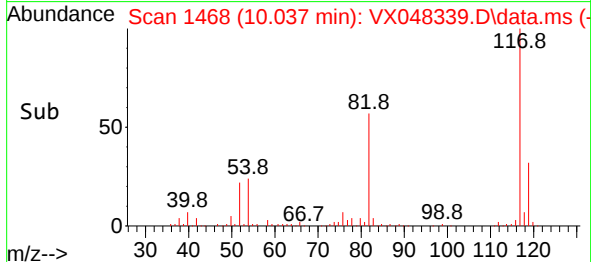
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 18776
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.9 25.9 38.9

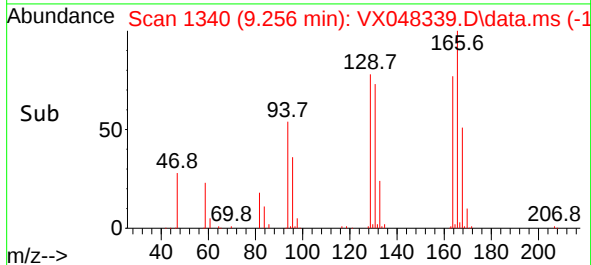
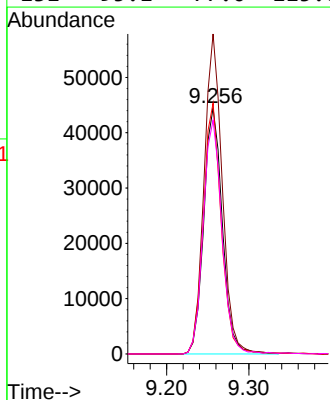
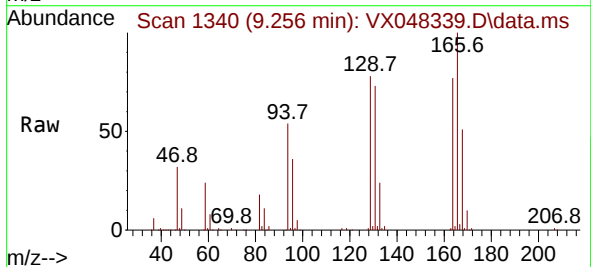
Manual Integrations
APPROVED

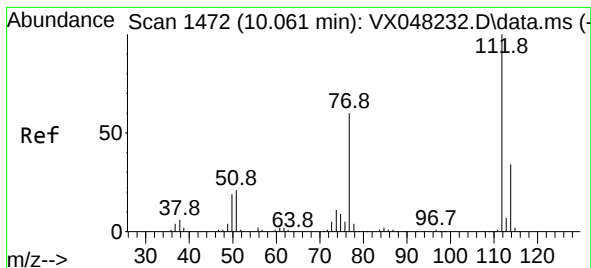
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 49.893 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

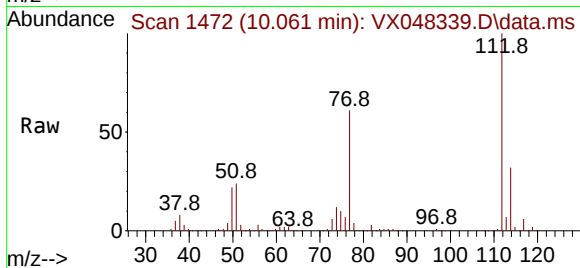
Tgt Ion:164 Resp: 69934
Ion Ratio Lower Upper
164 100
166 130.2 104.5 156.7
129 102.0 81.8 122.6
131 95.1 77.0 115.6





#65
Chlorobenzene
Concen: 50.756 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

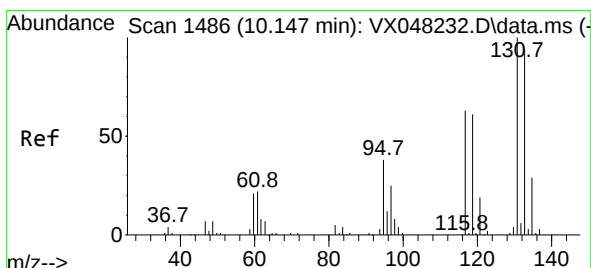
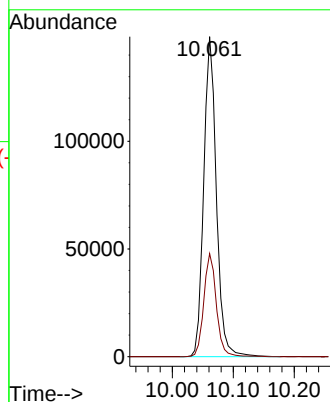
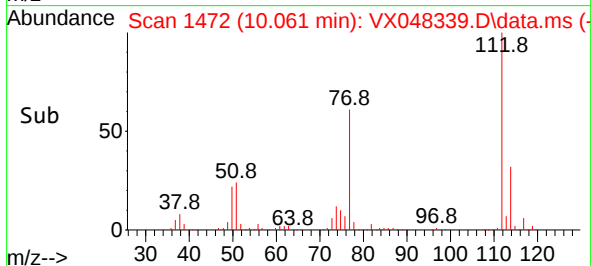
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 21438
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

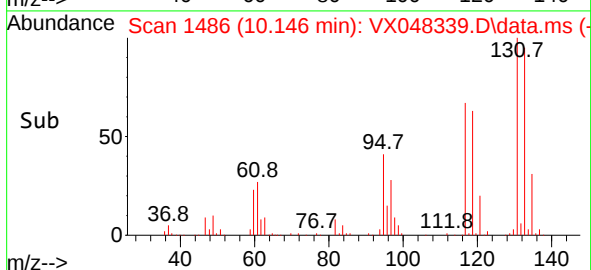
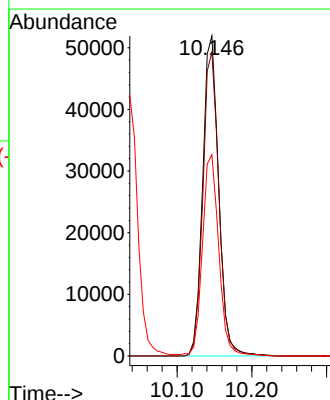
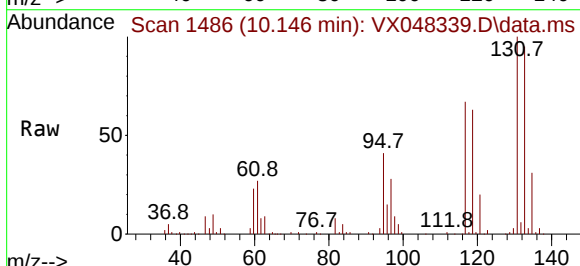
Manual Integrations
APPROVED

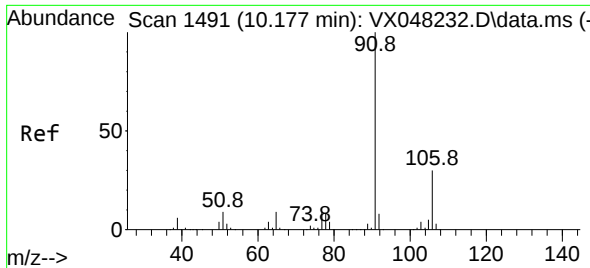
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

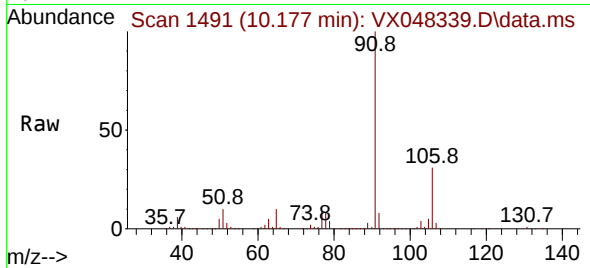
Tgt Ion:131 Resp: 77036
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 64.4 32.5 97.5





#67
Ethyl Benzene
Concen: 51.279 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

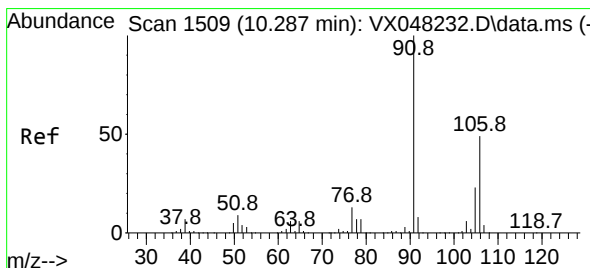
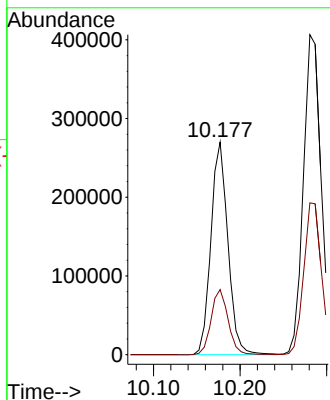
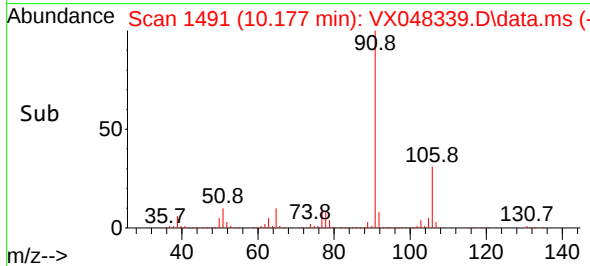
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



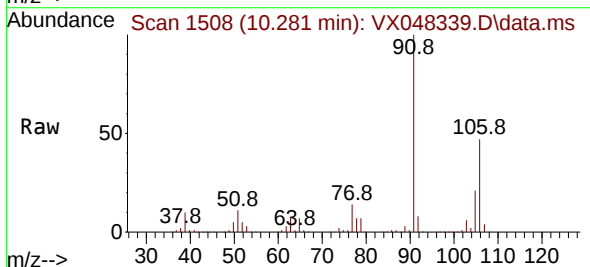
Tgt Ion: 91 Resp: 368764
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6

Manual Integrations
APPROVED

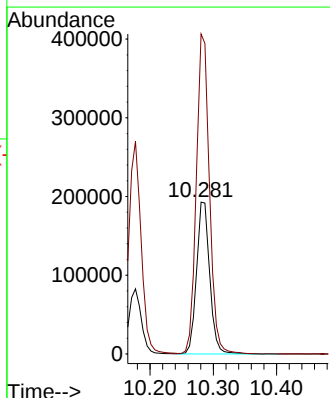
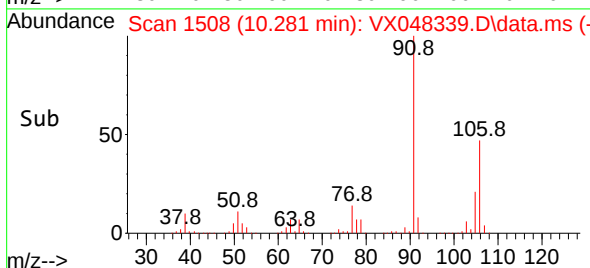
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

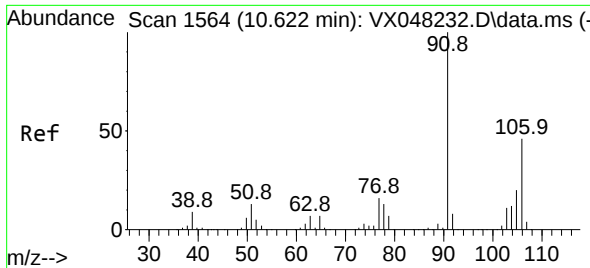


#68
m/p-Xylenes
Concen: 104.665 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



Tgt Ion:106 Resp: 279654
Ion Ratio Lower Upper
106 100
91 210.1 167.9 251.9





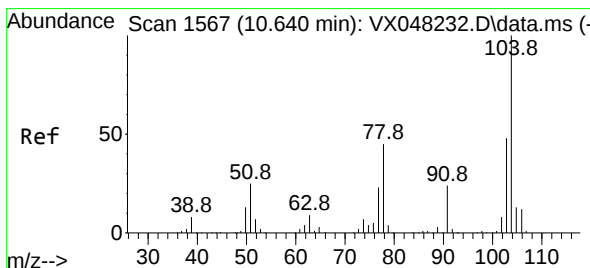
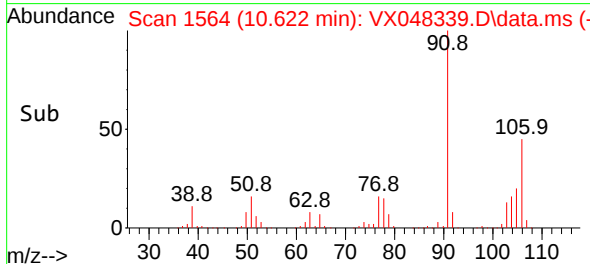
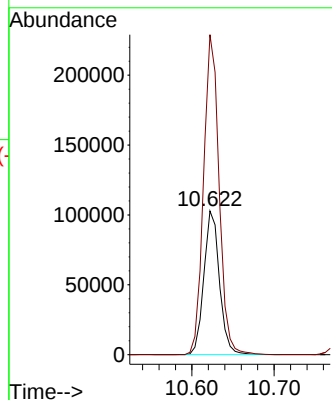
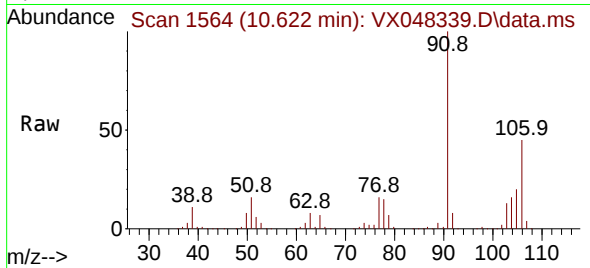
#69
o-Xylene
Concen: 52.509 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135450
Ion Ratio Lower Upper
106 100
91 222.2 111.3 333.9

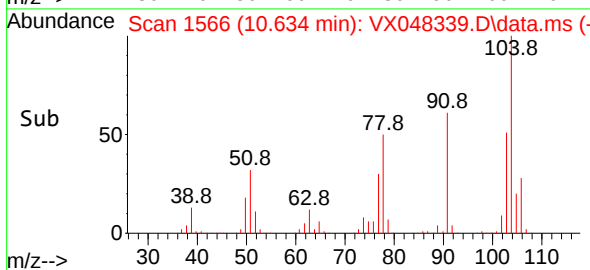
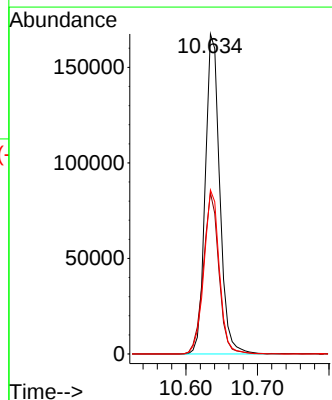
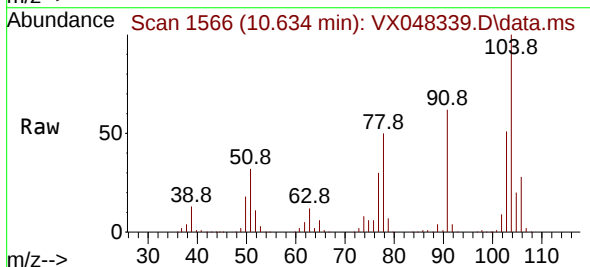
Manual Integrations
APPROVED

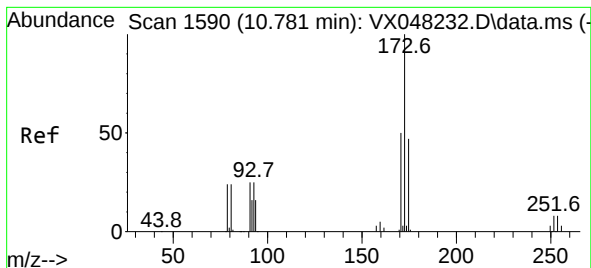
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 53.739 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:104 Resp: 236042
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.5 43.0 64.4





#71

Bromoform

Concen: 46.878 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

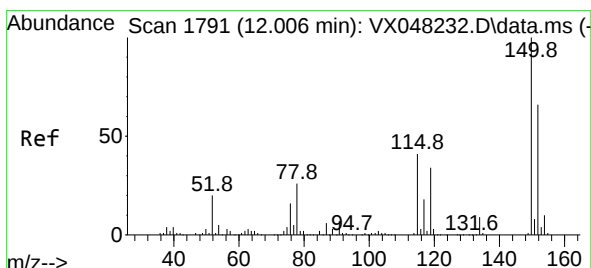
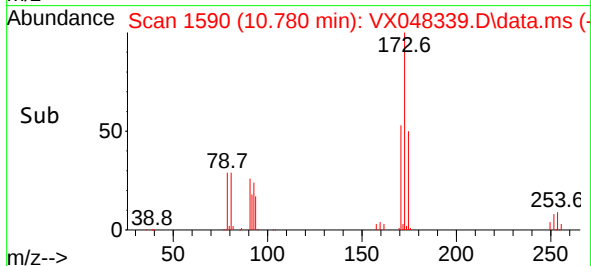
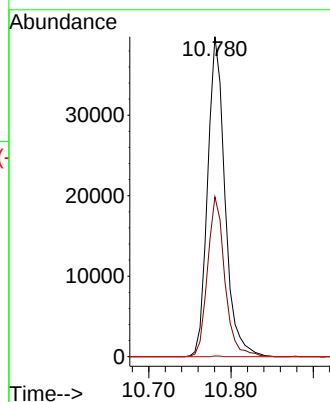
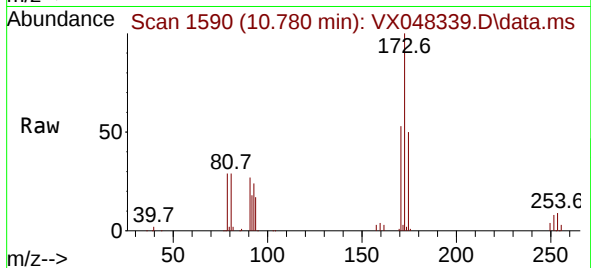
Tgt Ion:173 Resp: 58125
 Ion Ratio Lower Upper
 173 100
 175 49.8 24.0 72.0
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

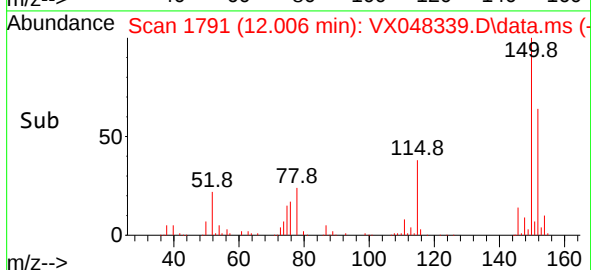
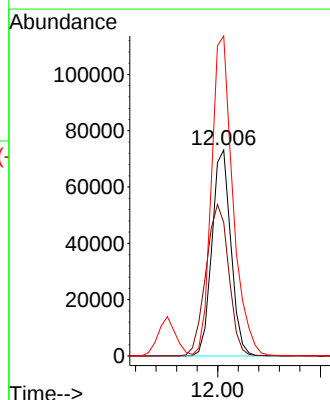
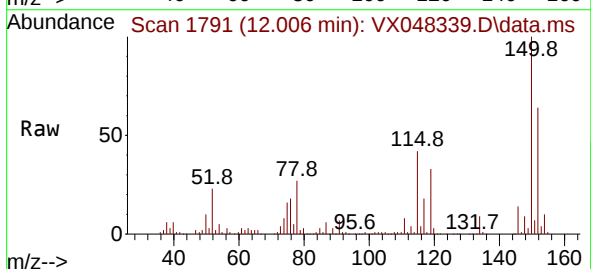
RT: 12.006 min Scan# 1791

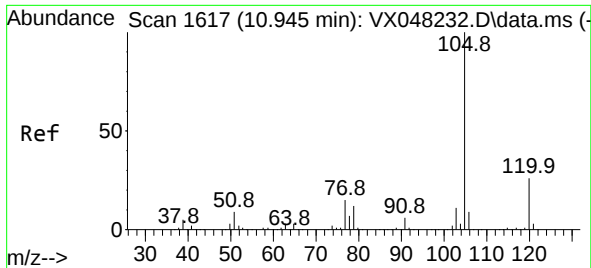
Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

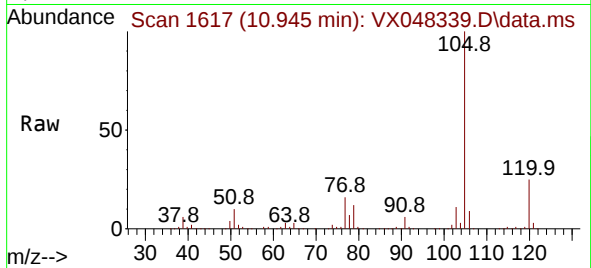
Tgt Ion:152 Resp: 93479
 Ion Ratio Lower Upper
 152 100
 115 88.9 43.1 129.4
 150 175.7 0.0 353.0





#73
Isopropylbenzene
Concen: 51.150 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

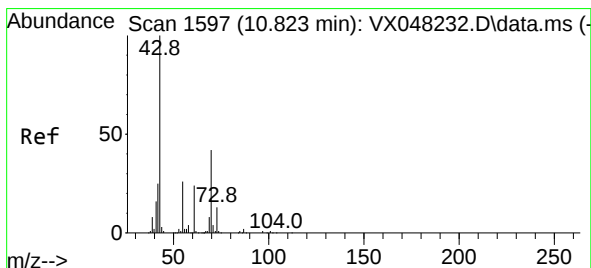
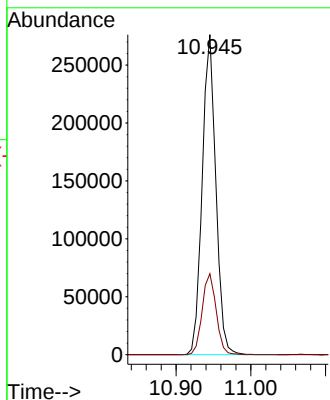
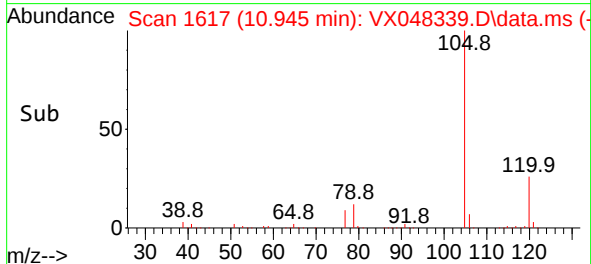
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



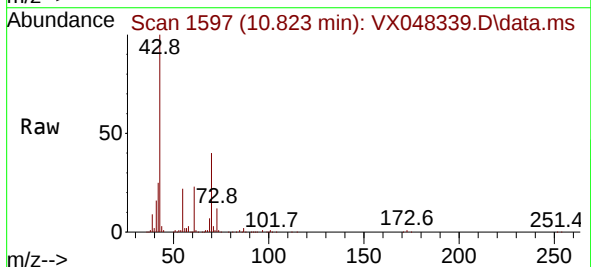
Tgt Ion:105 Resp: 349230
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

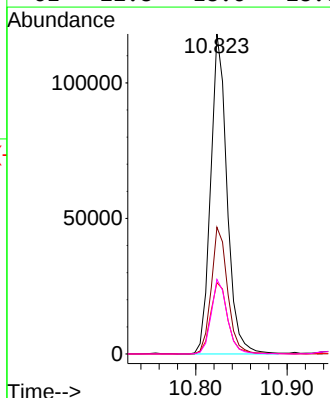
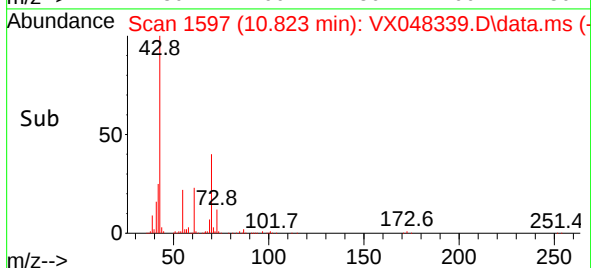
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

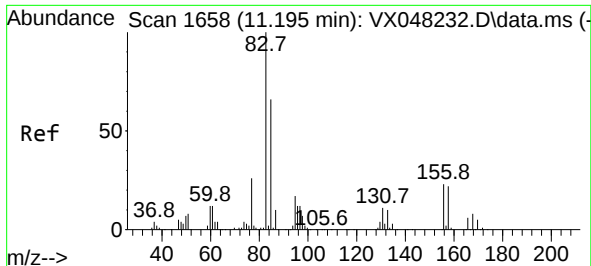


#74
N-ethyl acetate
Concen: 60.589 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



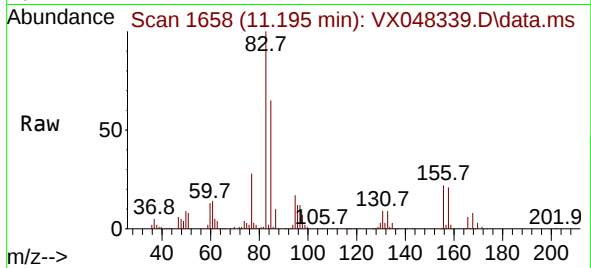
Tgt Ion: 43 Resp: 146738
Ion Ratio Lower Upper
43 100
70 39.6 32.2 48.2
55 23.5 19.1 28.7
61 22.8 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 51.376 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

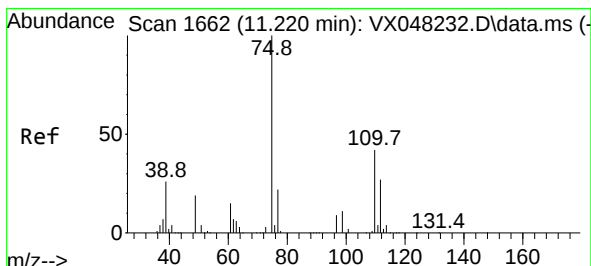
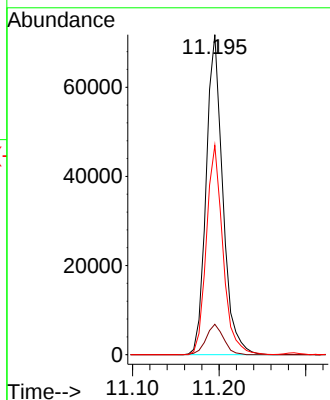
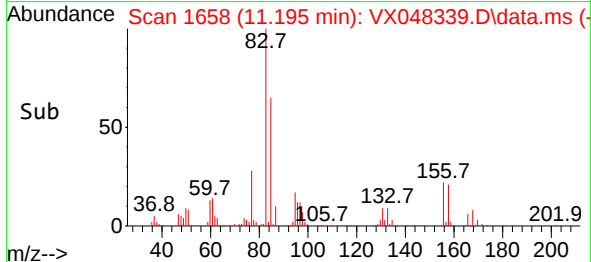
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



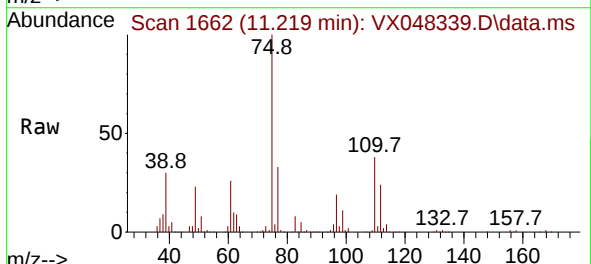
Tgt Ion: 83 Resp: 9579
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 65.2 31.9 95.7

Manual Integrations
APPROVED

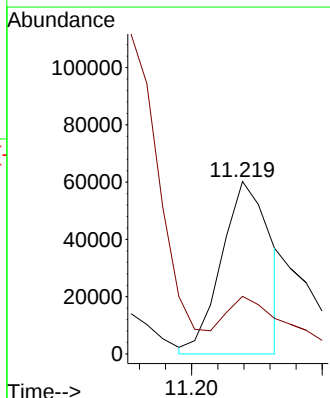
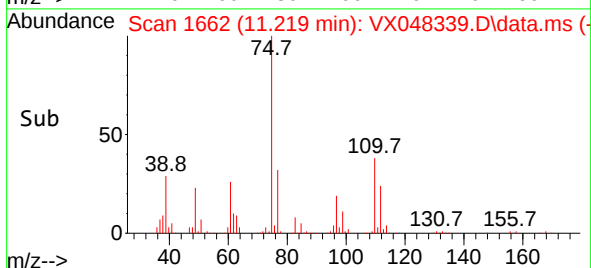
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

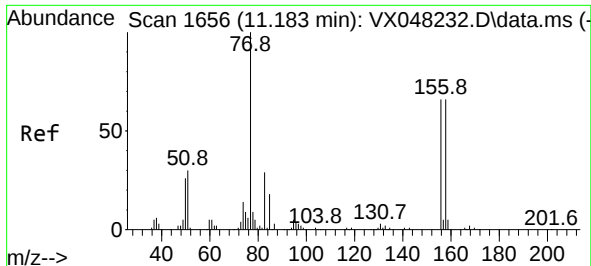


#76
1,2,3-Trichloropropane
Concen: 51.283 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



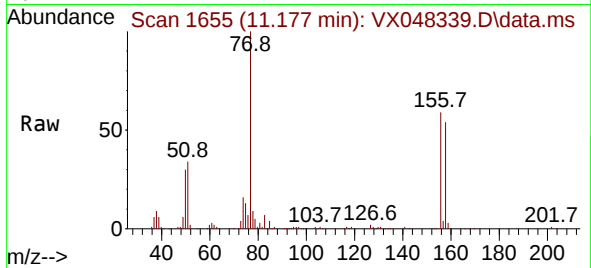
Tgt Ion: 75 Resp: 77740
Ion Ratio Lower Upper
75 100
77 42.3 22.4 67.2





#77
Bromobenzene
Concen: 51.716 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

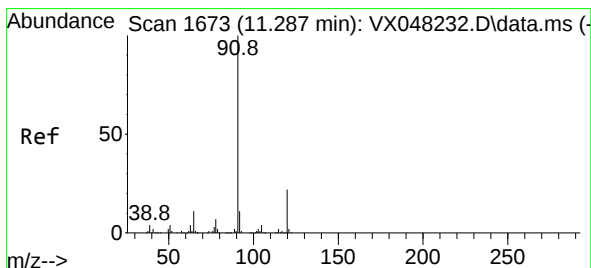
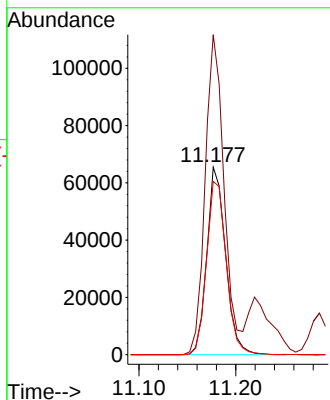
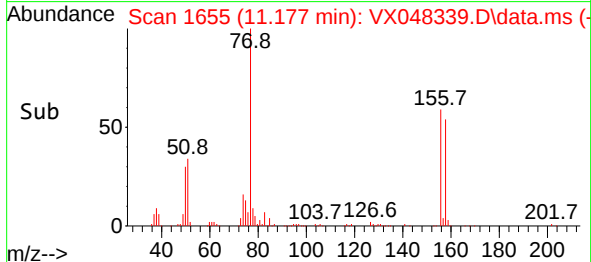
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



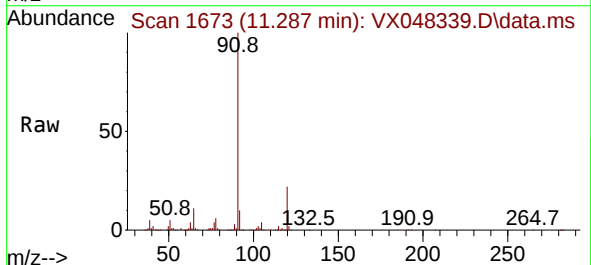
Tgt Ion:156 Resp: 88538
Ion Ratio Lower Upper
156 100
77 172.1 87.0 261.0
158 96.5 47.8 143.4

Manual Integrations
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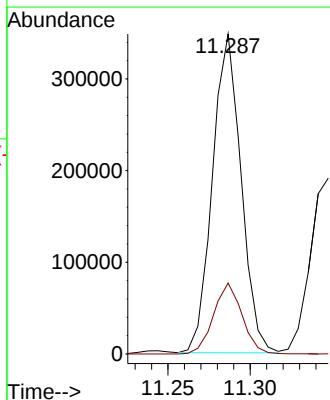
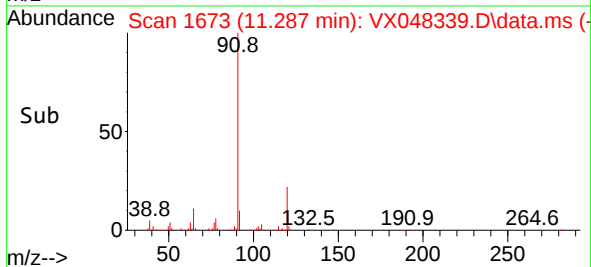
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

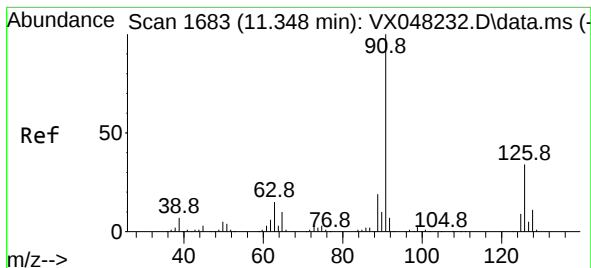


#78
n-propylbenzene
Concen: 53.181 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



Tgt Ion: 91 Resp: 420413
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





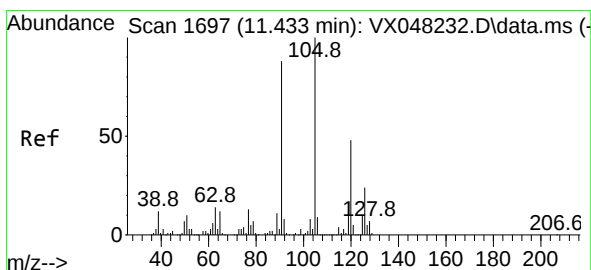
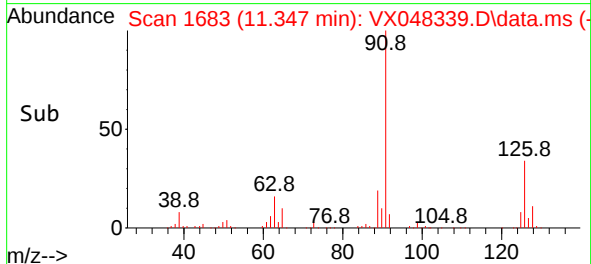
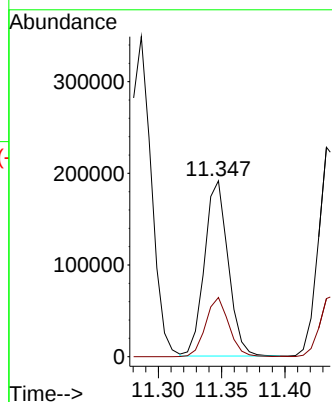
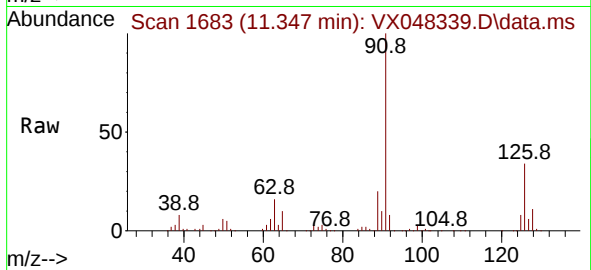
#79
2-Chlorotoluene
Concen: 52.073 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 24958
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

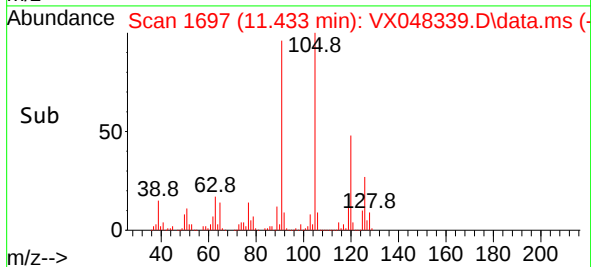
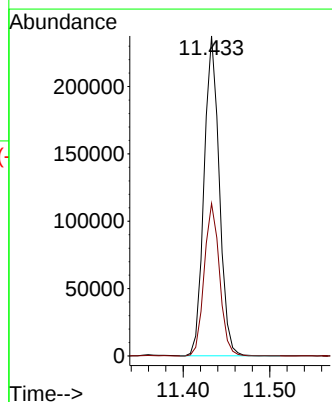
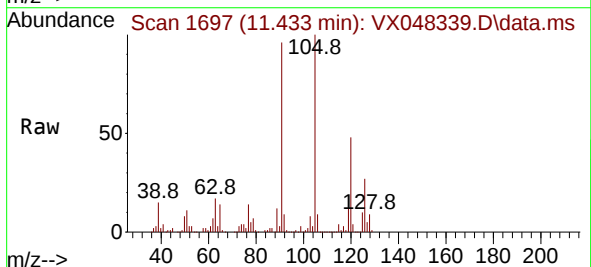
Manual Integrations
APPROVED

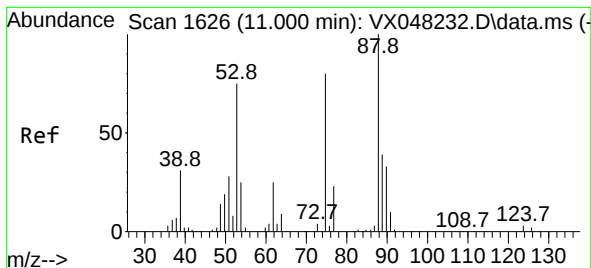
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.224 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

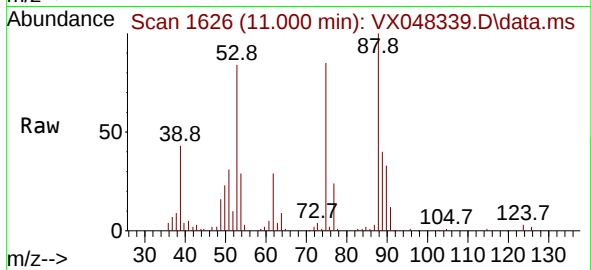
Tgt Ion:105 Resp: 289432
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 35.976 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

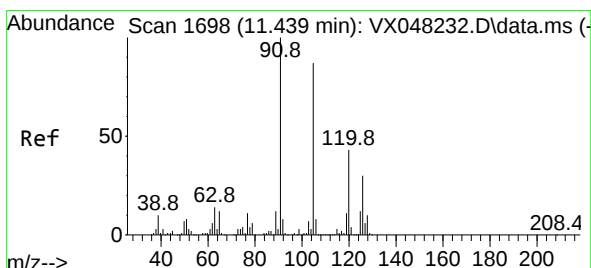
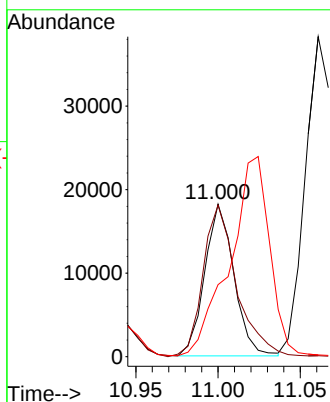
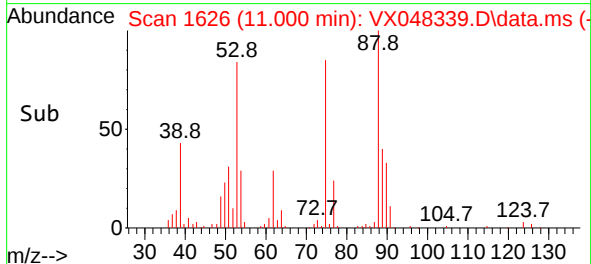
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



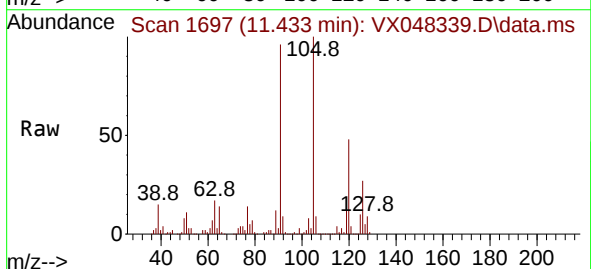
Tgt Ion: 75 Resp: 22410
Ion Ratio Lower Upper
75 100
53 116.5 79.5 119.3
89 0.0 36.8 55.2

Manual Integrations
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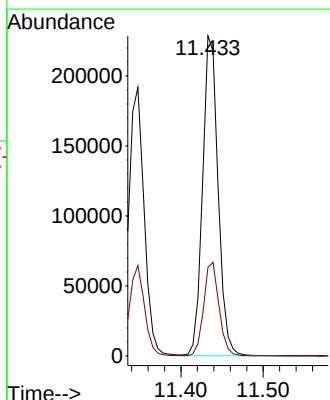
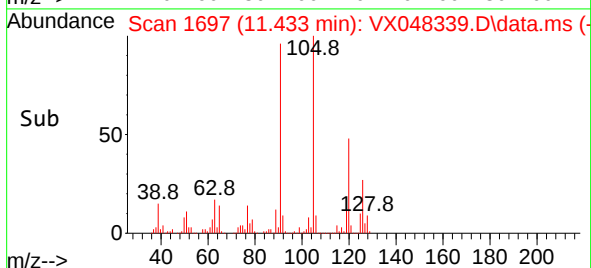
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

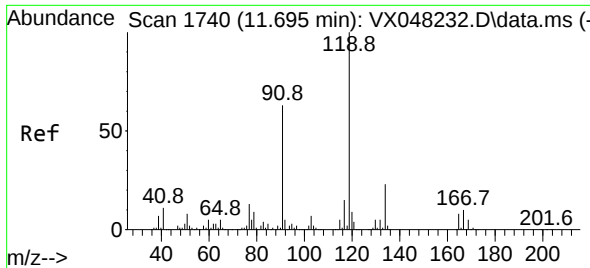


#82
4-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



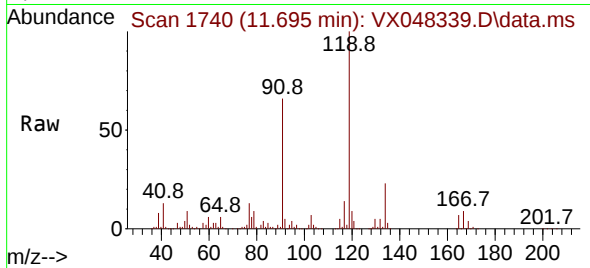
Tgt Ion: 91 Resp: 298685
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 50.006 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

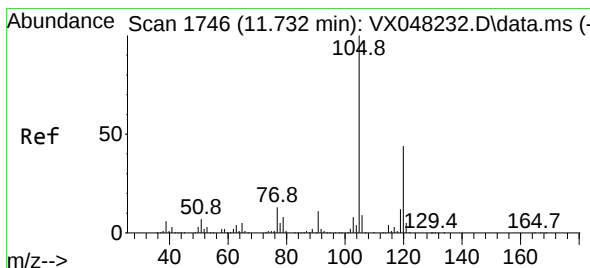
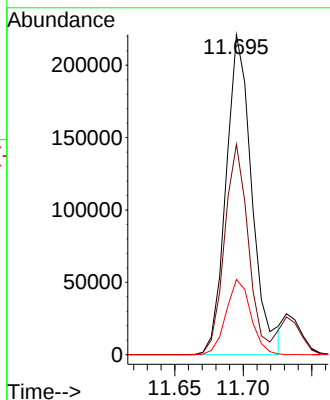
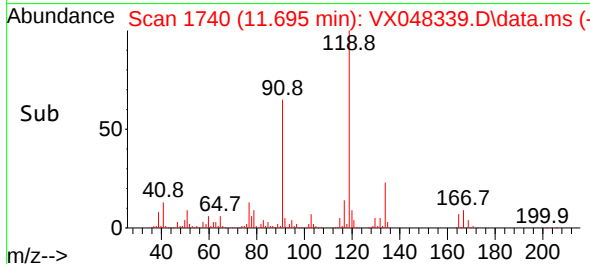
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



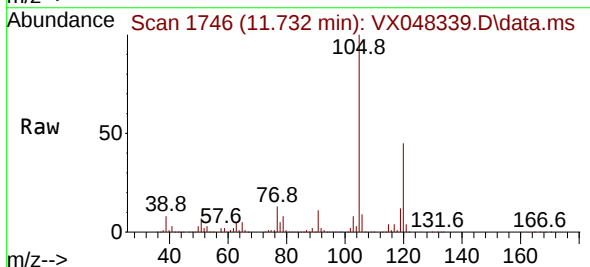
Tgt Ion:119 Resp: 290300
Ion Ratio Lower Upper
119 100
91 60.6 30.3 91.0
134 22.5 11.4 34.2

Manual Integrations
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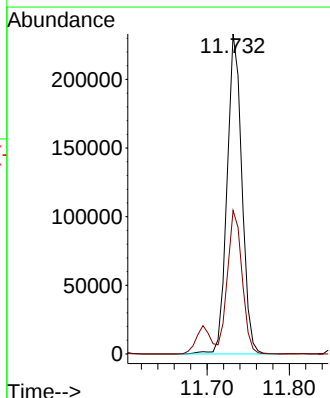
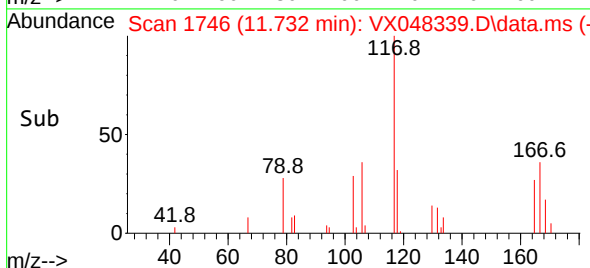
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

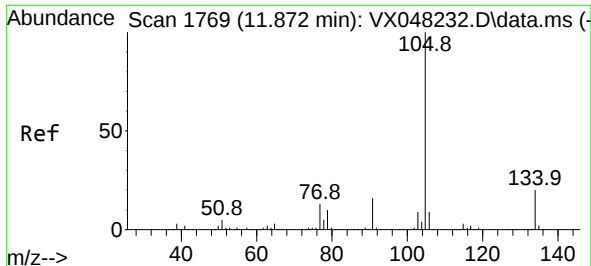


#84
1,2,4-Trimethylbenzene
Concen: 51.728 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16



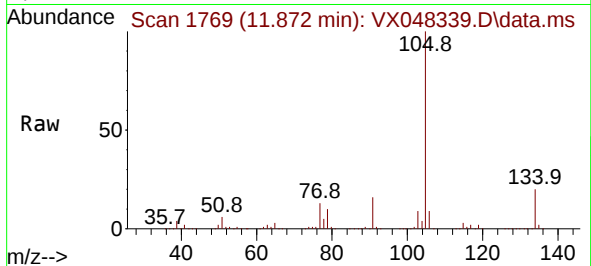
Tgt Ion:105 Resp: 291688
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 50.910 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16

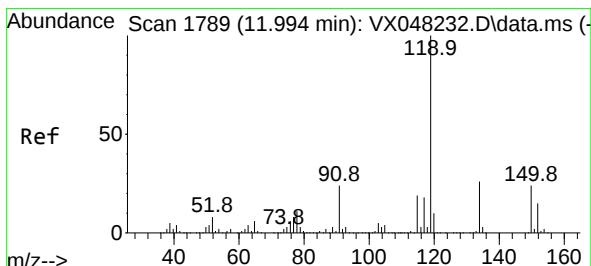
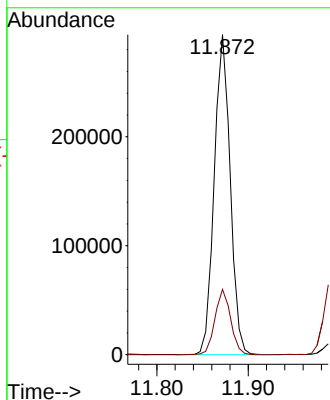
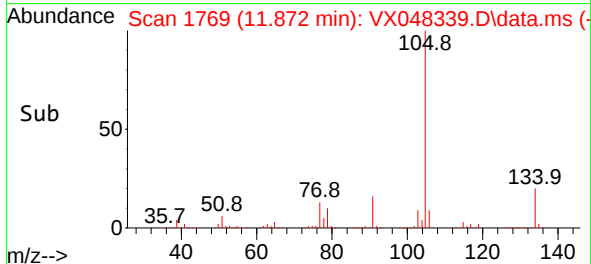
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



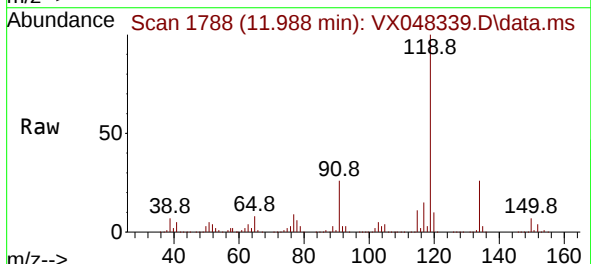
Tgt Ion:105 Resp: 355586
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
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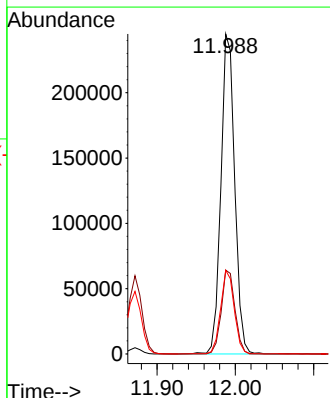
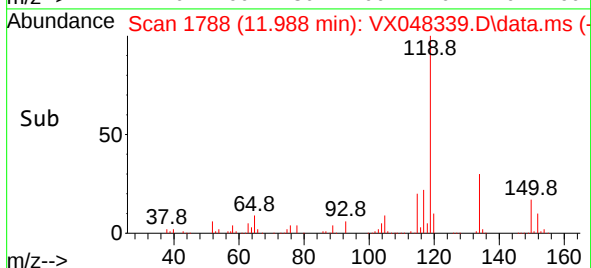
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 49.821 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048339.D
 Acq: 24 Oct 2025 09:16



Tgt Ion:119 Resp: 300777
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.069 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 161594

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

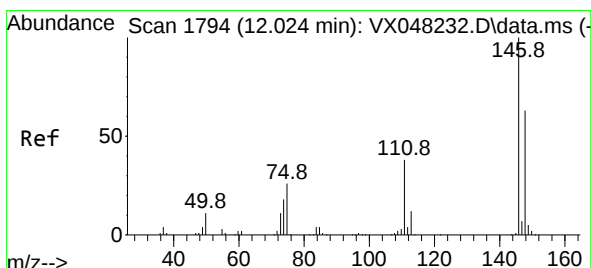
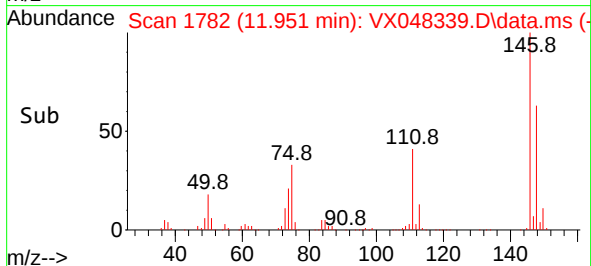
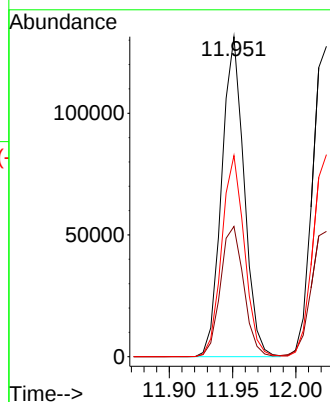
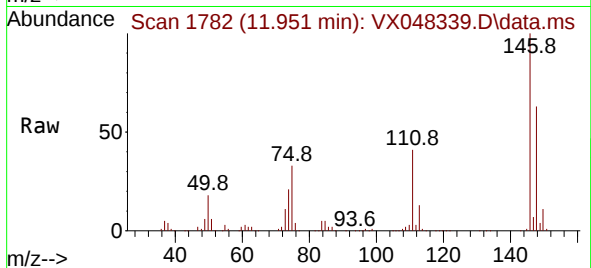
148 63.6 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 49.095 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

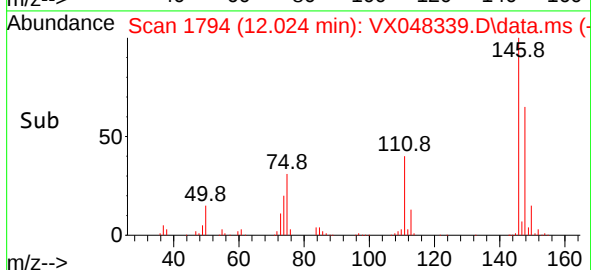
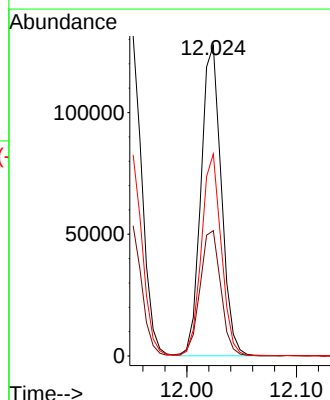
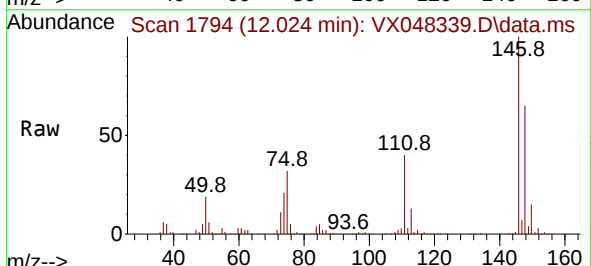
Tgt Ion:146 Resp: 164145

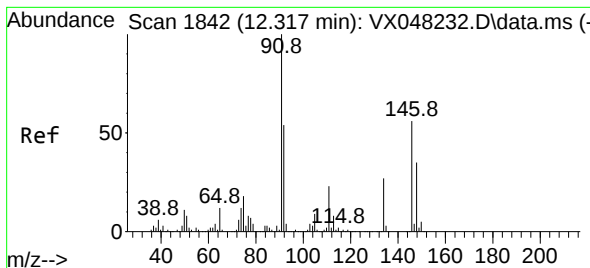
Ion Ratio Lower Upper

146 100

111 41.5 20.1 60.2

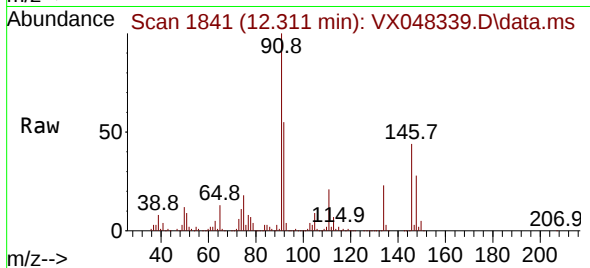
148 63.5 31.8 95.3





#89
n-Butylbenzene
Concen: 50.804 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

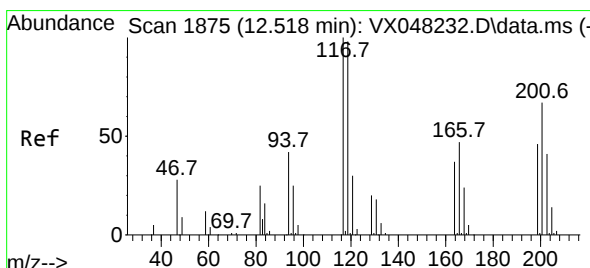
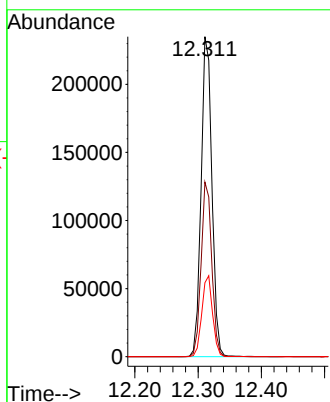
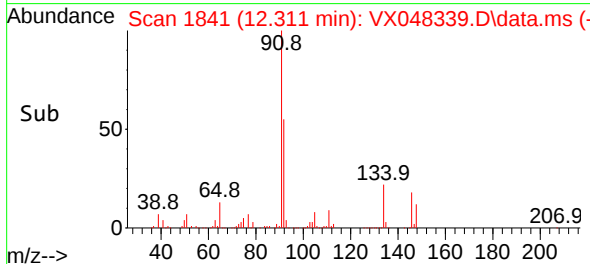
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27916
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 25.2 12.7 38.1

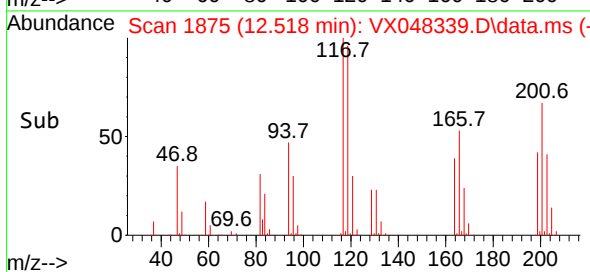
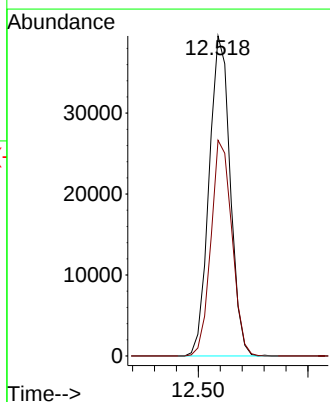
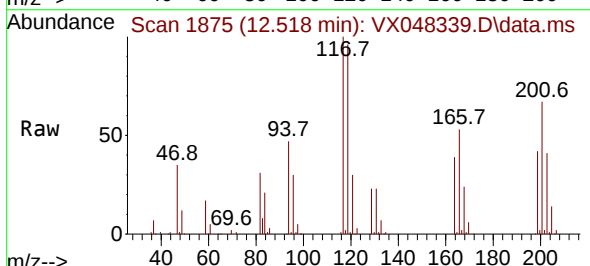
Manual Integrations
APPROVED

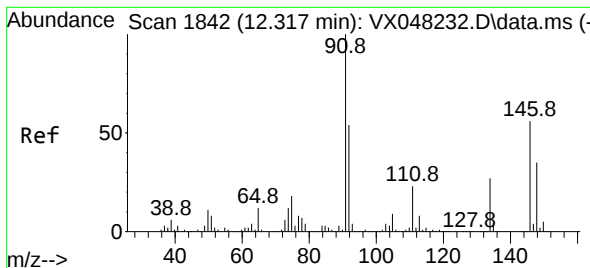
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 44.242 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

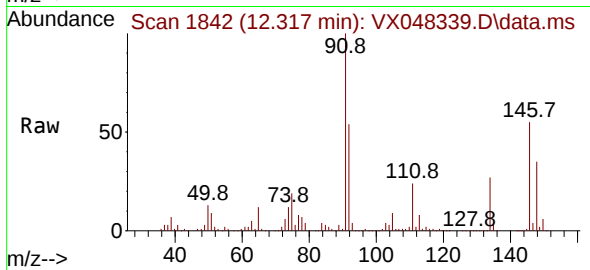
Tgt Ion:117 Resp: 52745
Ion Ratio Lower Upper
117 100
201 67.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 50.288 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

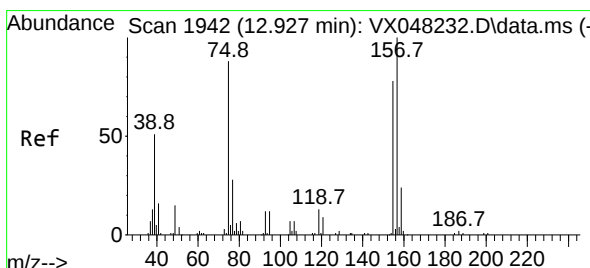
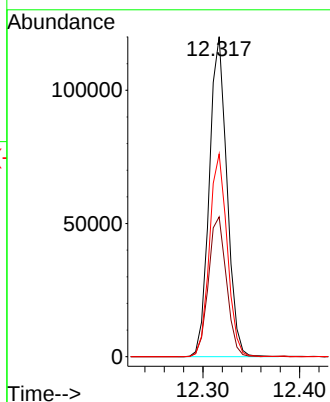
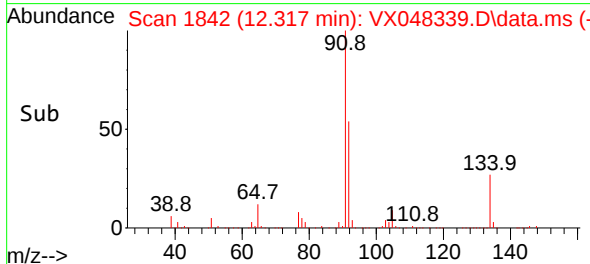
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 152380
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 63.7 31.9 95.5

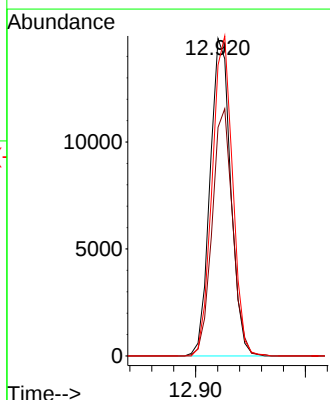
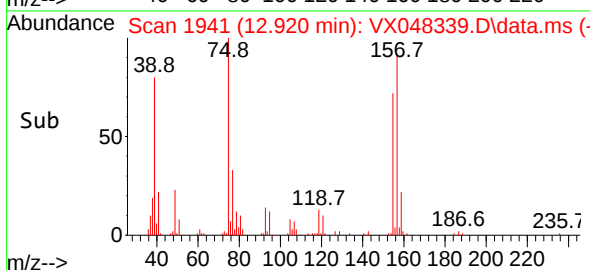
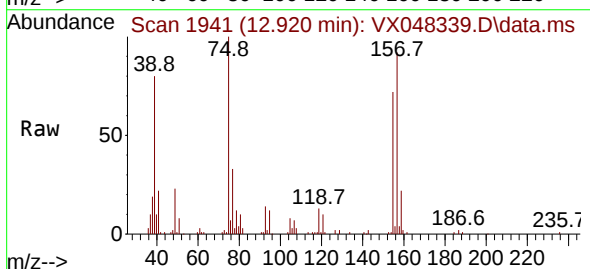
Manual Integrations
APPROVED

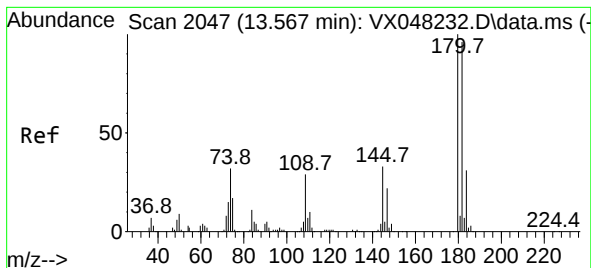
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.374 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion: 75 Resp: 19444
Ion Ratio Lower Upper
75 100
155 77.0 42.8 128.4
157 99.5 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 49.644 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 101730

Ion Ratio Lower Upper

180 100

182 93.6 47.3 142.0

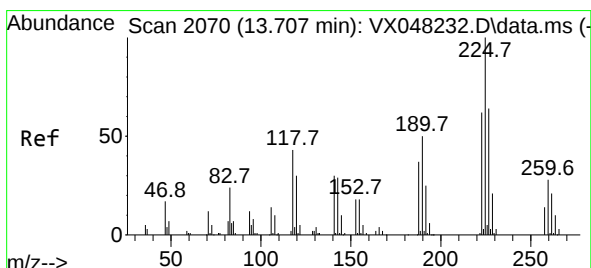
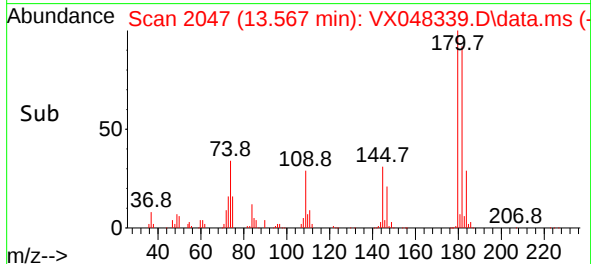
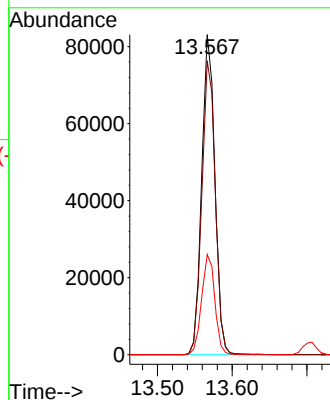
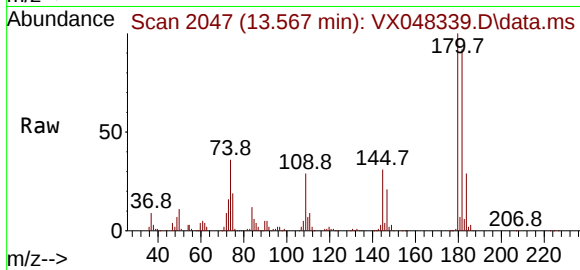
145 31.4 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 48.406 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048339.D

Acq: 24 Oct 2025 09:16

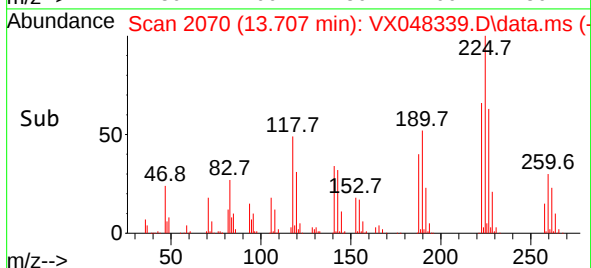
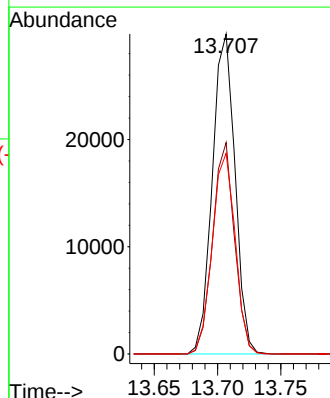
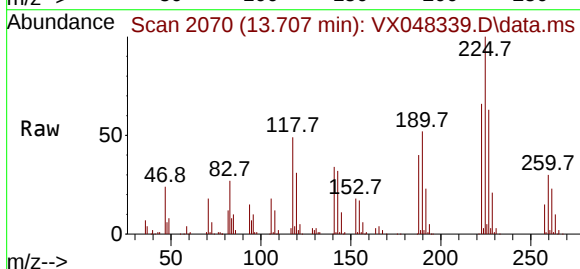
Tgt Ion:225 Resp: 37168

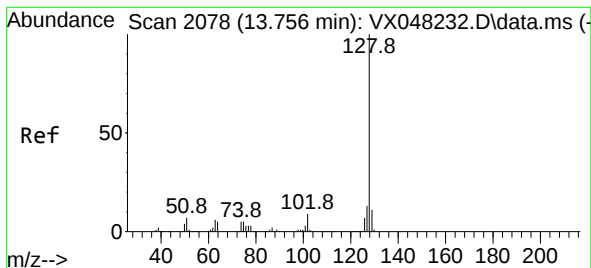
Ion Ratio Lower Upper

225 100

223 63.9 32.6 97.7

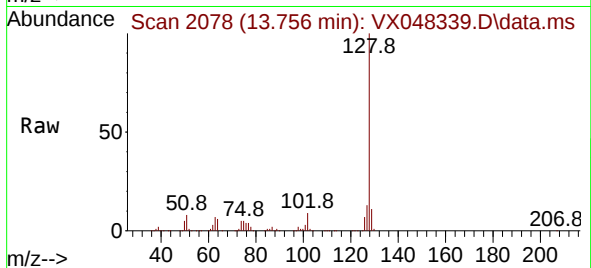
227 63.3 32.5 97.4





#95
Naphthalene
Concen: 51.198 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

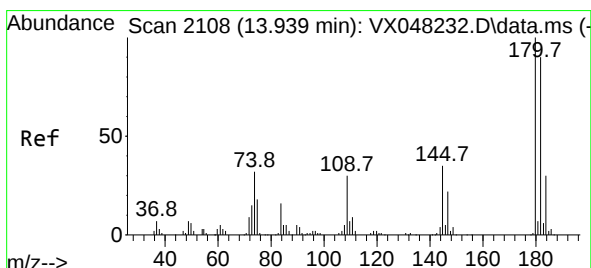
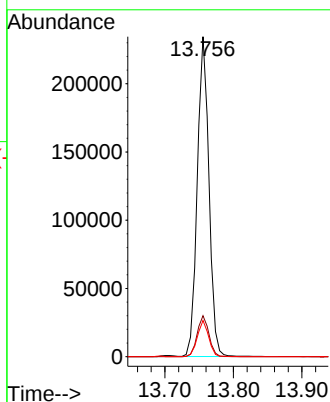
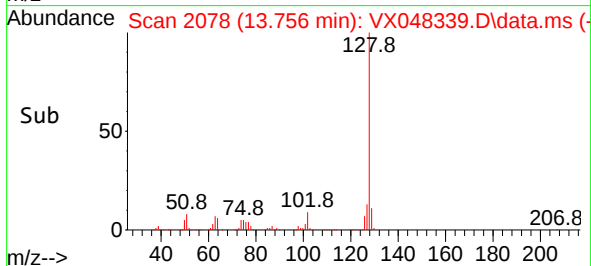
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 277950
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.409 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048339.D
Acq: 24 Oct 2025 09:16

Tgt Ion:180 Resp: 92908
Ion Ratio Lower Upper
180 100
182 92.8 46.6 139.7
145 34.1 16.9 50.7

