

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048353.D
 Acq On : 24 Oct 2025 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 23:05:56 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	5.537	168	137837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	230908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	93855	48.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.120%		
35) Dibromofluoromethane	5.373	113	62140	39.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.840%		
50) Toluene-d8	8.634	98	257823	46.661	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.320%		
62) 4-Bromofluorobenzene	11.061	95	95120	45.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	62926	44.408	ug/l	99
3) Chloromethane	1.300	50	31755	24.009	ug/l	97
4) Vinyl Chloride	1.380	62	83473	68.154	ug/l	99
5) Bromomethane	1.617	94	29188	35.116	ug/l	99
6) Chloroethane	1.697	64	50231	69.795	ug/l	97
7) Trichlorofluoromethane	1.898	101	143311	61.011	ug/l	99
8) Diethyl Ether	2.136	74	47003	71.117	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	77462	52.078	ug/l	98
10) Methyl Iodide	2.459	142	271342	145.110	ug/l	99
11) Tert butyl alcohol	2.934	59	36075	188.008	ug/l	99
12) 1,1-Dichloroethene	2.325	96	74594	51.547	ug/l	99
13) Acrolein	2.233	56	59385	303.455	ug/l	99
14) Allyl chloride	2.666	41	126438	52.626	ug/l	96
15) Acrylonitrile	3.056	53	165690	239.471	ug/l	99
16) Acetone	2.373	43	128465	193.768	ug/l	97
17) Carbon Disulfide	2.520	76	202530	44.407	ug/l	100
18) Methyl Acetate	2.697	43	70947	51.241	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	242830	49.188	ug/l	99
20) Methylene Chloride	2.788	84	78803	48.781	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	77645	48.846	ug/l	95
22) Diisopropyl ether	3.751	45	271845	56.729	ug/l	96
23) Vinyl Acetate	3.715	43	939179	245.353	ug/l	100
24) 1,1-Dichloroethane	3.605	63	150722	52.017	ug/l	99
25) 2-Butanone	4.538	43	182514	217.495	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131948	50.451	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	92543	49.885	ug/l	97
28) Bromochloromethane	4.891	49	63375	52.749	ug/l	98
29) Tetrahydrofuran	4.989	42	120176	239.119	ug/l	98
30) Chloroform	5.080	83	156317	50.495	ug/l	97
31) Cyclohexane	5.458	56	129162	53.842	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	140509	49.248	ug/l	98
36) 1,1-Dichloropropene	5.684	75	103893	46.369	ug/l	99
37) Ethyl Acetate	4.696	43	94821	51.057	ug/l	99
38) Carbon Tetrachloride	5.665	117	121202	43.846	ug/l	99
39) Methylcyclohexane	7.366	83	131596	49.732	ug/l	96
40) Benzene	6.025	78	312187	47.991	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	48739	49.974	ug/l	99
42) 1,2-Dichloroethane	6.074	62	119697	49.865	ug/l	99
43) Isopropyl Acetate	6.318	43	152346	49.940	ug/l	99
44) Trichloroethene	7.110	130	79852	46.488	ug/l	99
45) 1,2-Dichloropropane	7.415	63	78729	50.904	ug/l	95
46) Dibromomethane	7.568	93	56015	46.488	ug/l	98
47) Bromodichloromethane	7.805	83	122472	47.075	ug/l	99
48) Methyl methacrylate	7.677	41	77157	50.123	ug/l	97
49) 1,4-Dioxane	7.641	88	15616	767.869	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	427244	242.909	ug/l	98
52) Toluene	8.702	92	195954	47.417	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	111521	44.482	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	115185	42.583	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	70725	46.020	ug/l	99
56) Ethyl methacrylate	9.098	69	106860	47.538	ug/l	97
57) 1,3-Dichloropropane	9.293	76	124600	47.465	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	299785	248.040	ug/l	100
59) 2-Hexanone	9.415	43	289819	236.310	ug/l	99
60) Dibromochloromethane	9.506	129	88240	42.719	ug/l	100
61) 1,2-Dibromoethane	9.592	107	72202	44.069	ug/l	99
64) Tetrachloroethene	9.256	164	71595	47.502	ug/l	97
65) Chlorobenzene	10.061	112	212798	46.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	75776	45.425	ug/l	99
67) Ethyl Benzene	10.177	91	378873	48.997	ug/l	99
68) m/p-Xylenes	10.287	106	282564	98.351	ug/l	100
69) o-Xylene	10.622	106	134320	48.426	ug/l	100
70) Styrene	10.640	104	231504	49.017	ug/l	99
71) Bromoform	10.780	173	52852	39.641	ug/l #	98
73) Isopropylbenzene	10.945	105	359740	48.486	ug/l	100
74) N-amyl acetate	10.823	43	136716	51.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	89239	44.044	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	81364m	49.393	ug/l	
77) Bromobenzene	11.183	156	84698	45.528	ug/l	99
78) n-propylbenzene	11.286	91	433271	50.437	ug/l	100
79) 2-Chlorotoluene	11.347	91	251854	48.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	297431	48.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	19309	28.518	ug/l #	75
82) 4-Chlorotoluene	11.433	91	300933	48.674	ug/l	100
83) tert-Butylbenzene	11.695	119	303155	48.055	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	297974	48.628	ug/l	99
85) sec-Butylbenzene	11.872	105	377937	49.795	ug/l	99
86) p-Isopropyltoluene	11.994	119	319358	48.680	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	157580	44.932	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	158565	43.644	ug/l	99
89) n-Butylbenzene	12.311	91	304622	51.016	ug/l	100
90) Hexachloroethane	12.518	117	55291	42.679	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	147165	44.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	17860	43.426	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	101661	45.654	ug/l	99
94) Hexachlorobutadiene	13.707	225	42413	50.828	ug/l	97
95) Naphthalene	13.756	128	262366	44.472	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	93463	45.740	ug/l	99

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

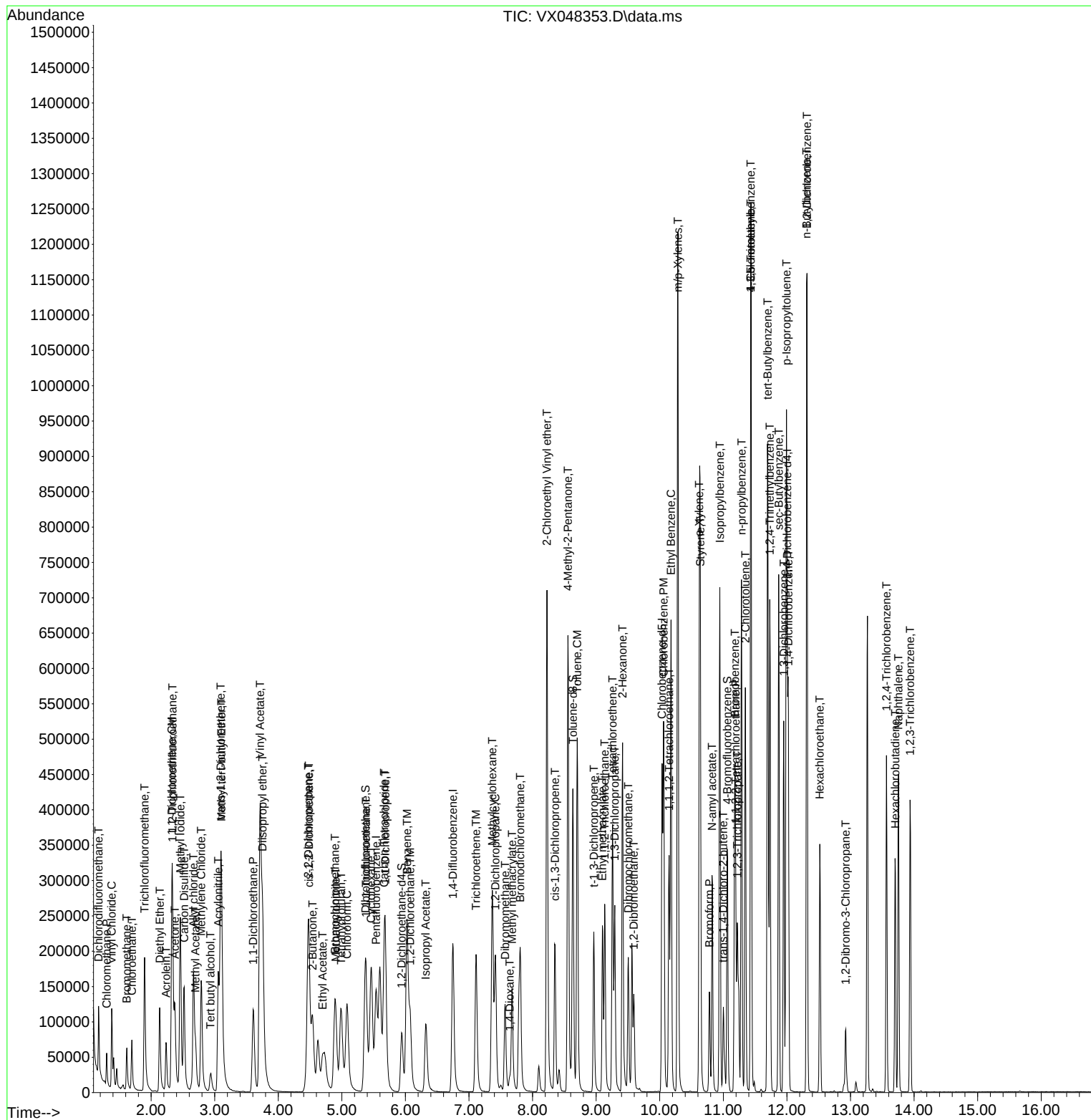
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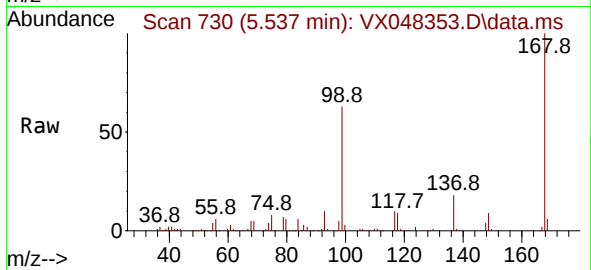
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048353.D
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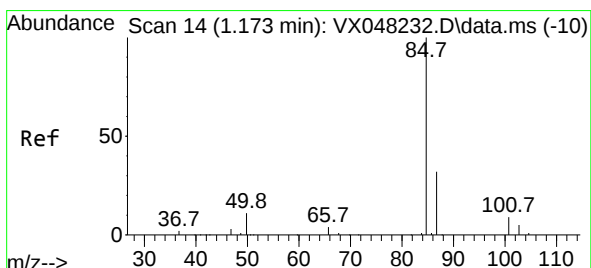
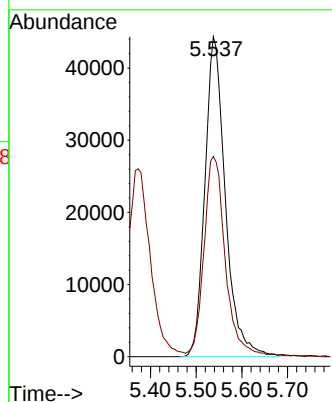
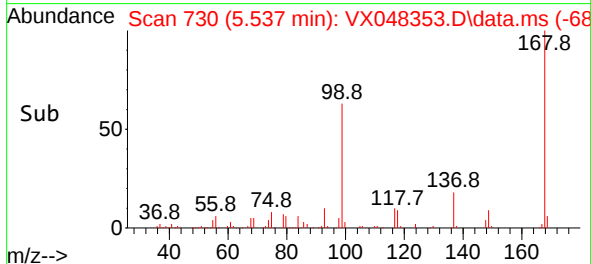
Instrument :
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Tgt Ion:168 Resp: 13783
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6

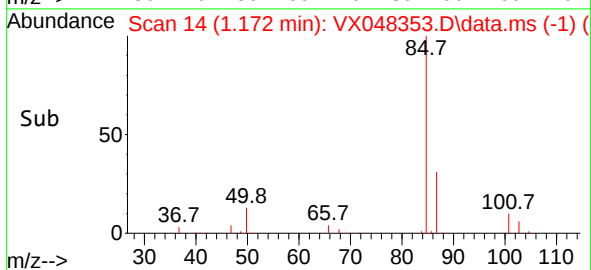
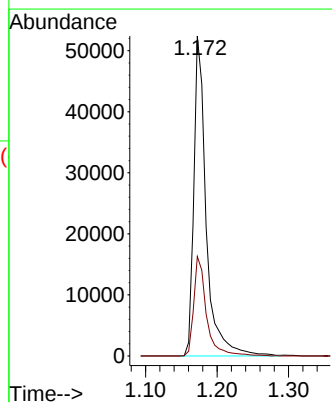
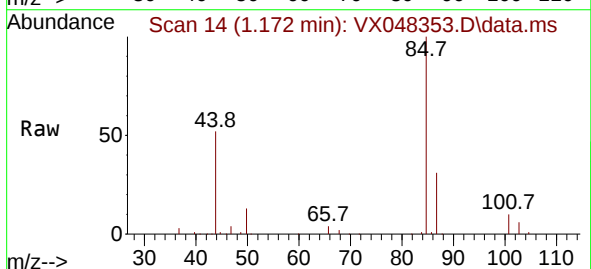
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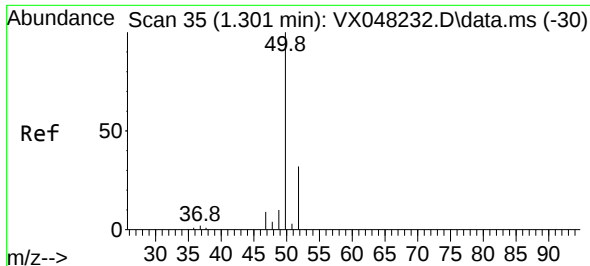
Reviewed By :John Carlone 10/27/2025
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#2
Dichlorodifluoromethane
Concen: 44.408 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

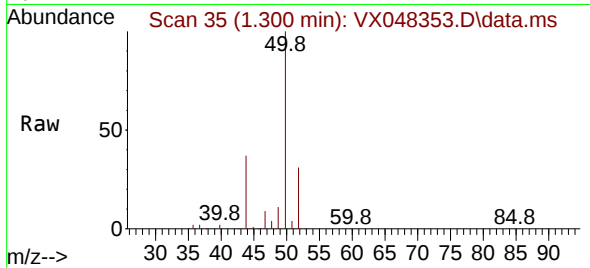
Tgt Ion: 85 Resp: 62926
Ion Ratio Lower Upper
85 100
87 31.1 15.3 45.9





#3
Chloromethane
Concen: 24.009 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

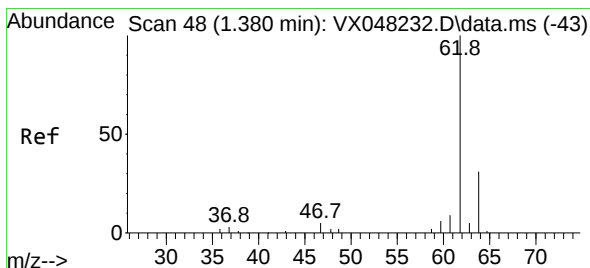
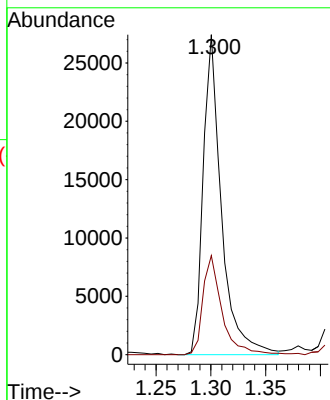
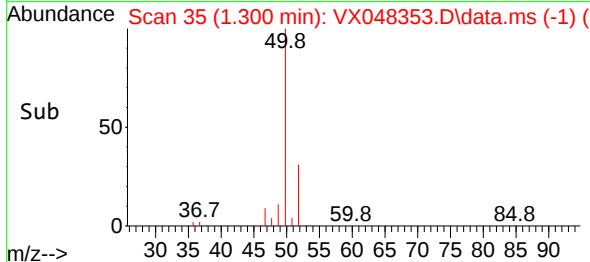
Instrument :
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Tgt Ion: 50 Resp: 3175
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9

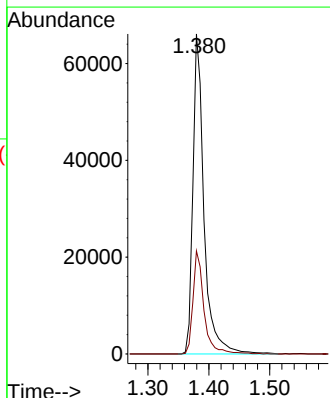
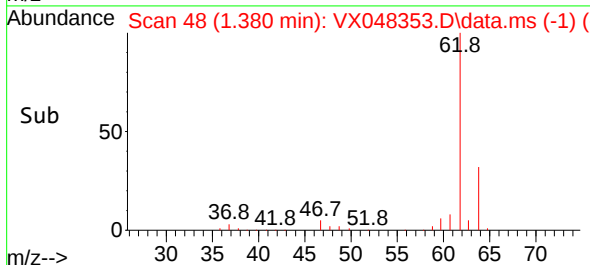
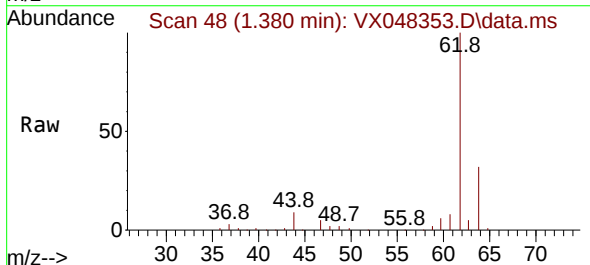
Manual Integrations
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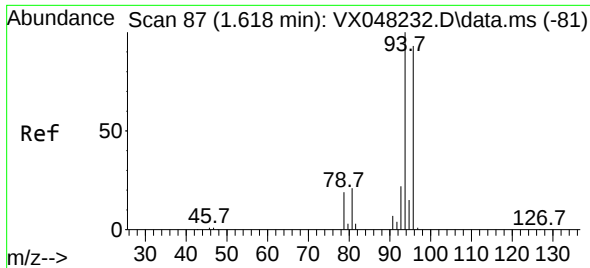
Reviewed By :John Carlone 10/27/2025
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#4
Vinyl Chloride
Concen: 68.154 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 83473
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





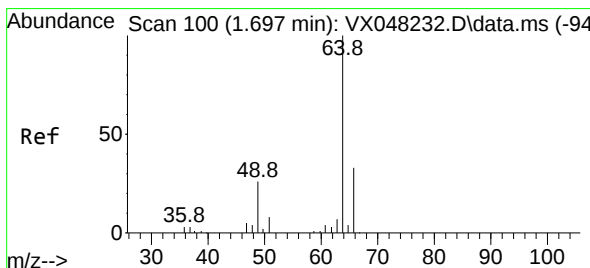
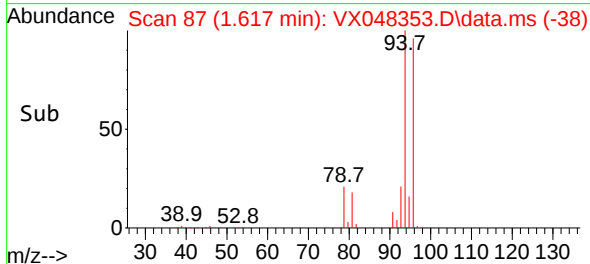
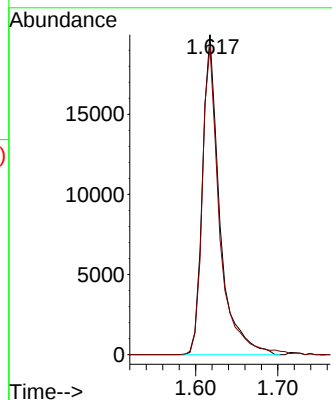
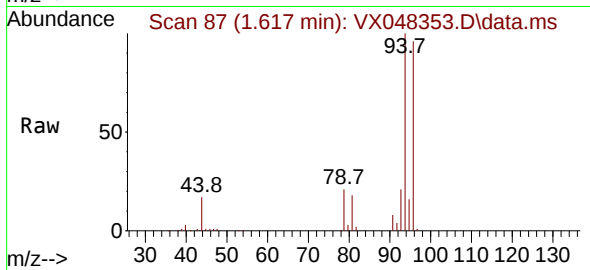
#5
Bromomethane
Concen: 35.116 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
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Tgt Ion: 94 Resp: 2918
Ion Ratio Lower Upper
94 100
96 96.3 76.0 114.0

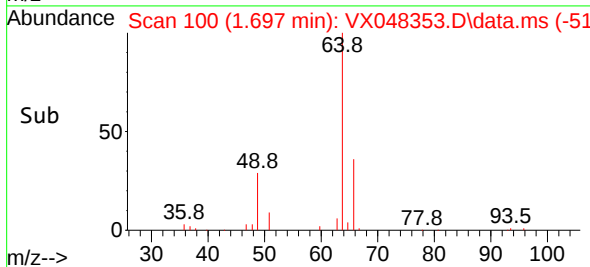
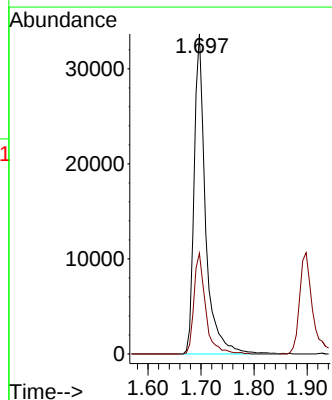
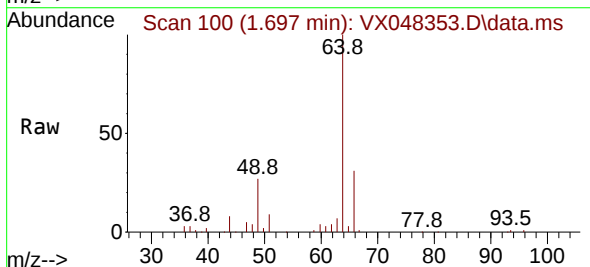
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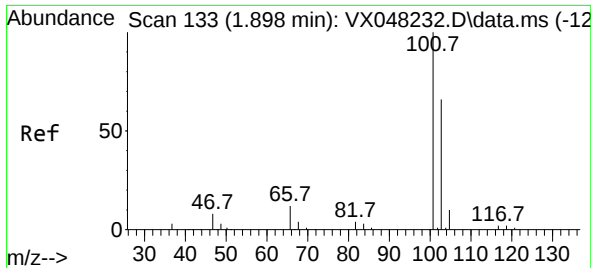
Reviewed By :John Carlone 10/27/2025
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#6
Chloroethane
Concen: 69.795 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 50231
Ion Ratio Lower Upper
64 100
66 31.5 23.9 35.9





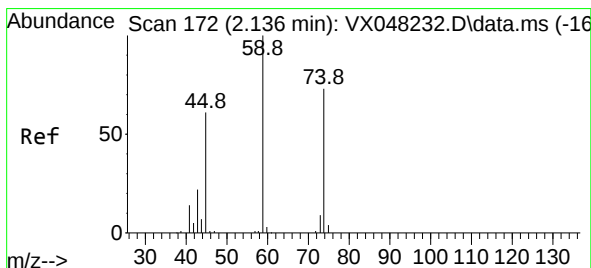
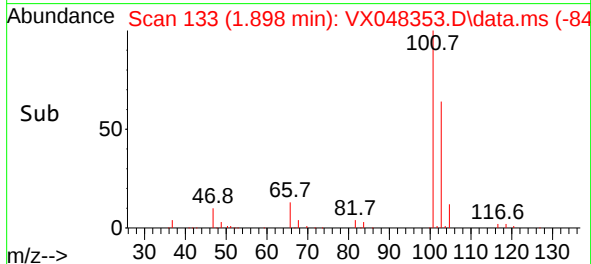
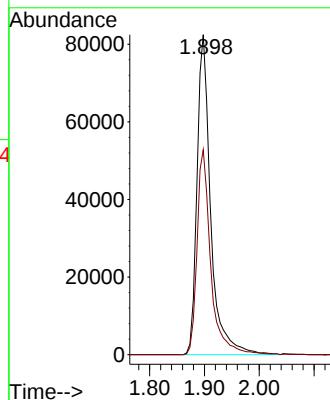
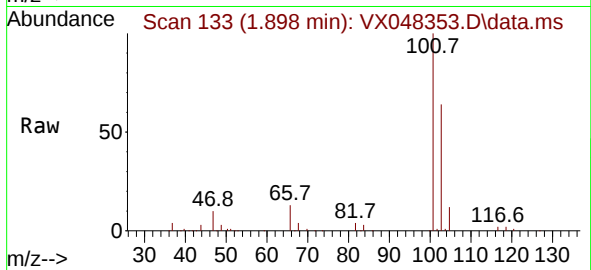
#7
Trichlorofluoromethane
Concen: 61.011 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
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Tgt Ion:101 Resp: 14331
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

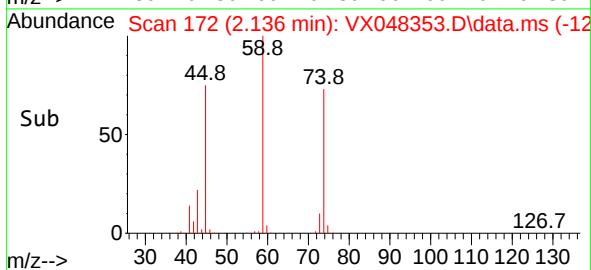
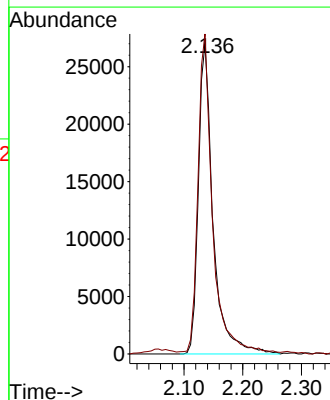
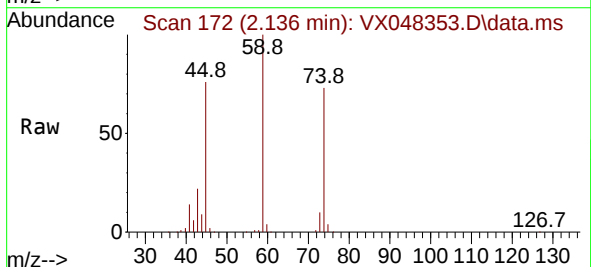
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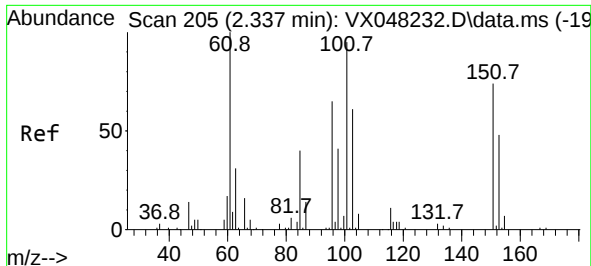
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#8
Diethyl Ether
Concen: 71.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048353.D
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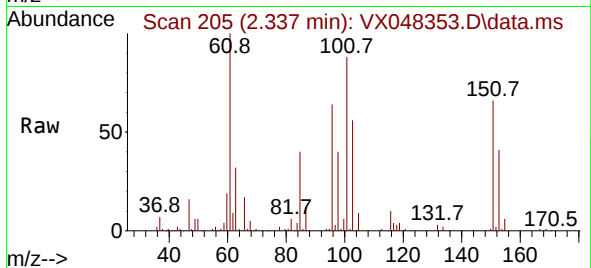
Tgt Ion: 74 Resp: 47003
Ion Ratio Lower Upper
74 100
45 101.0 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.078 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

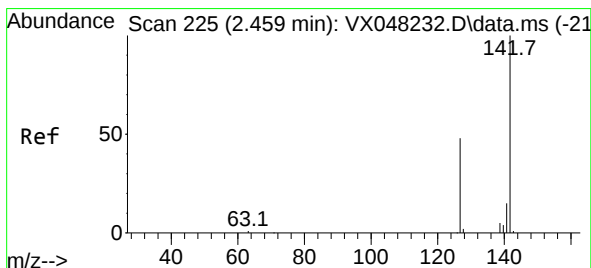
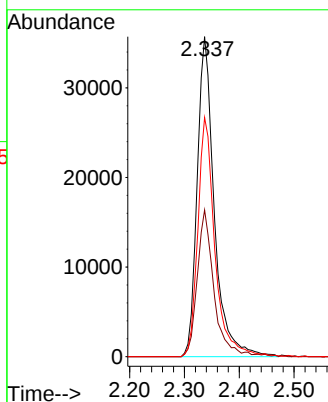
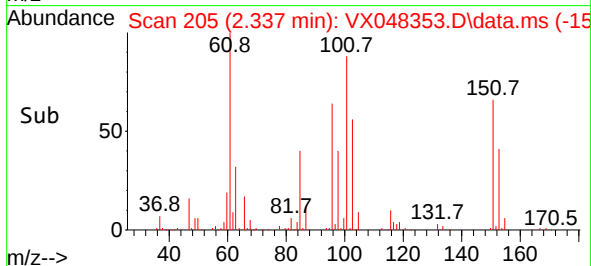
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



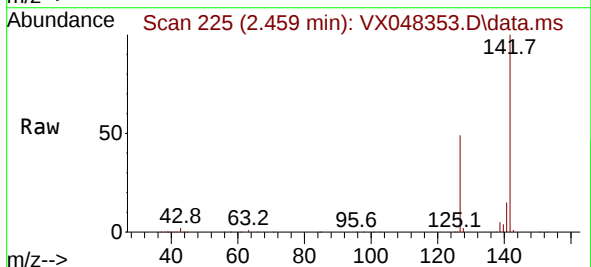
Tgt Ion:101 Resp: 77462
Ion Ratio Lower Upper
101 100
85 44.6 35.6 53.4
151 74.8 58.0 87.0

Manual Integrations
APPROVED

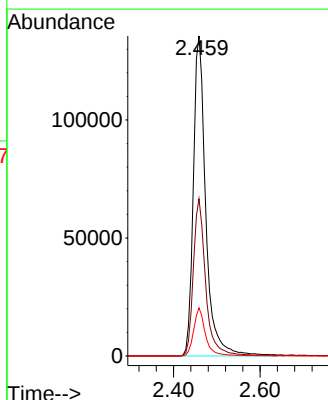
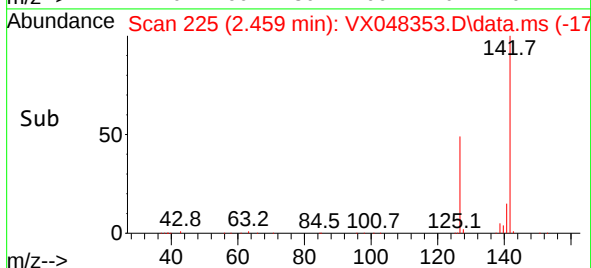
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

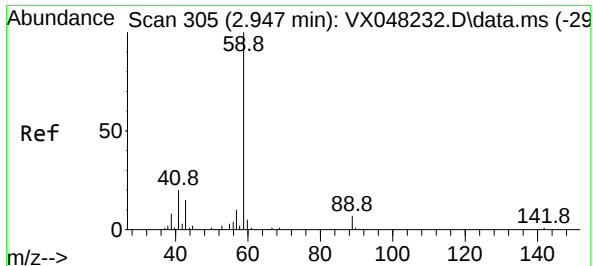


#10
Methyl Iodide
Concen: 145.110 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



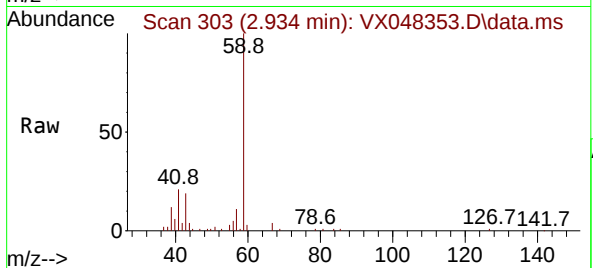
Tgt Ion:142 Resp: 271342
Ion Ratio Lower Upper
142 100
127 48.7 38.5 57.7
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 188.008 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

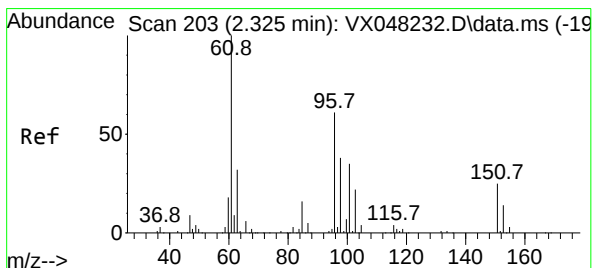
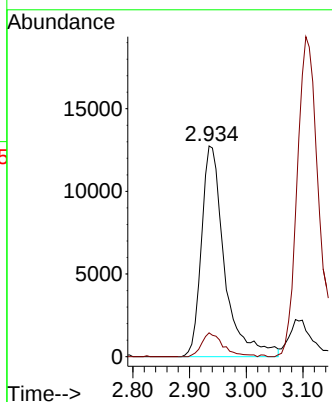
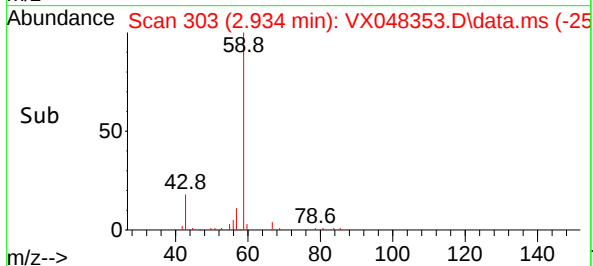
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 36075
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

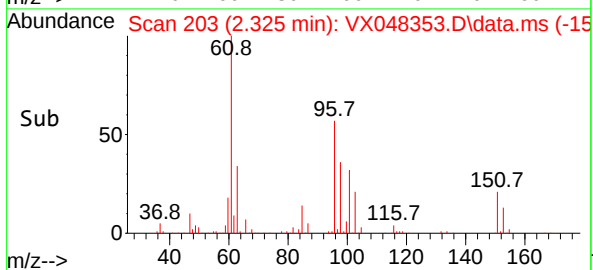
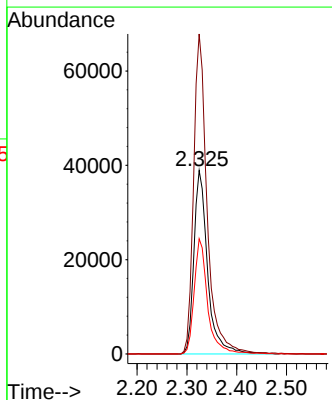
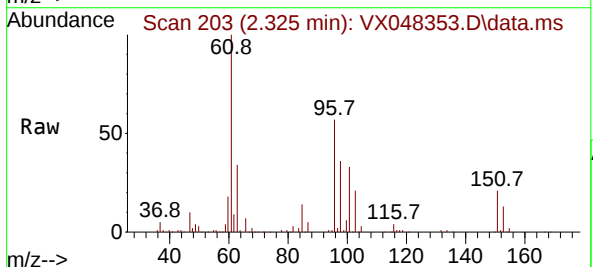
Manual Integrations
APPROVED

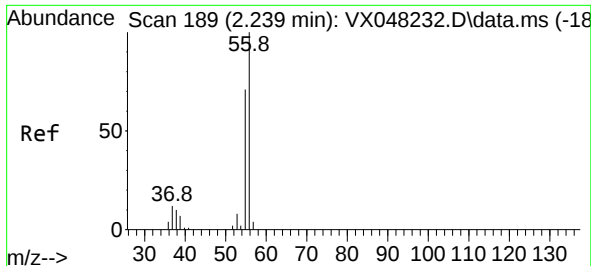
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 51.547 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

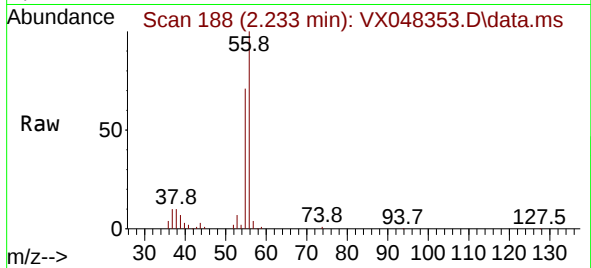
Tgt Ion: 96 Resp: 74594
Ion Ratio Lower Upper
96 100
61 174.4 139.0 208.6
98 62.8 52.4 78.6





#13
Acrolein
Concen: 303.455 ug/l
RT: 2.233 min Scan# 118
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

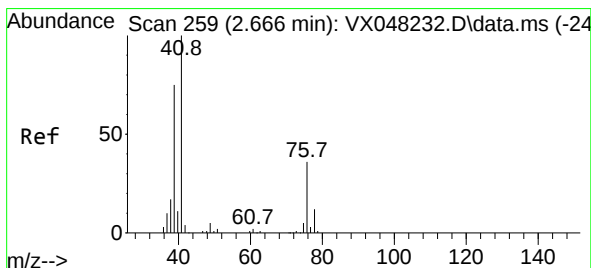
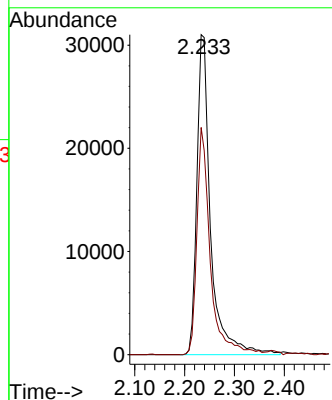
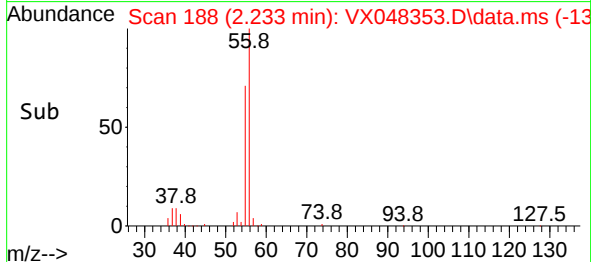
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5938
Ion Ratio Lower Upper
56 100
55 69.0 56.1 84.1

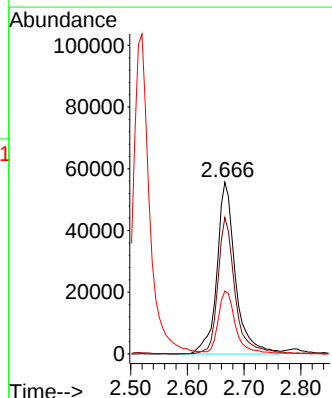
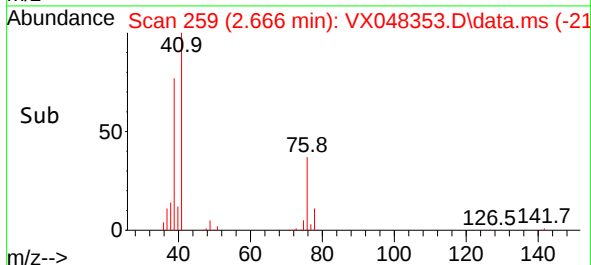
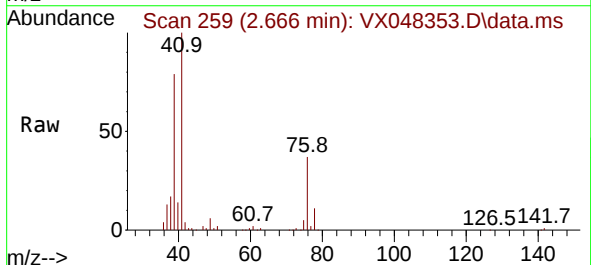
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 52.626 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

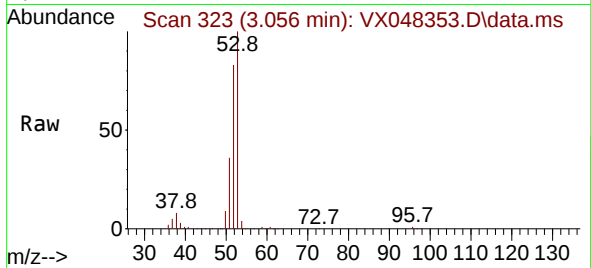
Tgt Ion: 41 Resp: 126438
Ion Ratio Lower Upper
41 100
39 74.3 56.0 84.0
76 33.2 27.5 41.3





#15
Acrylonitrile
Concen: 239.471 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

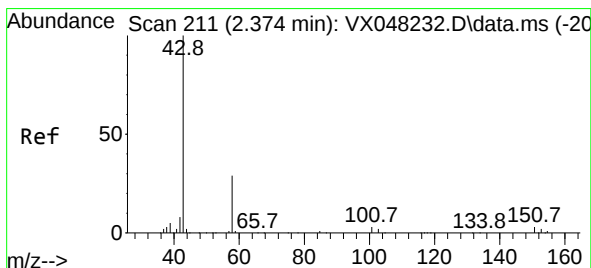
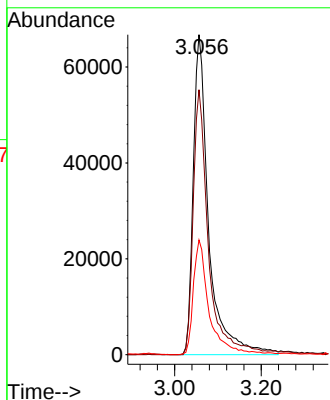
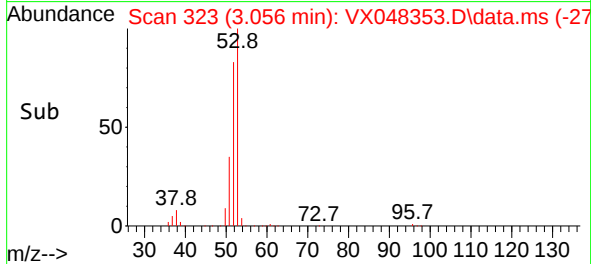
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 165690
Ion Ratio Lower Upper
53 100
52 81.3 66.1 99.1
51 36.6 29.0 43.4

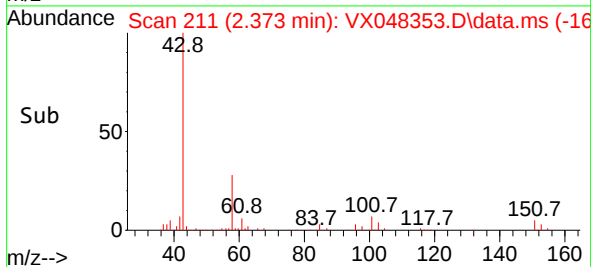
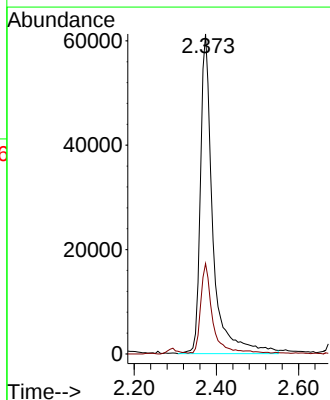
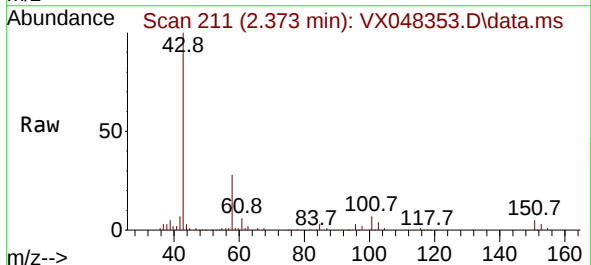
Manual Integrations
APPROVED

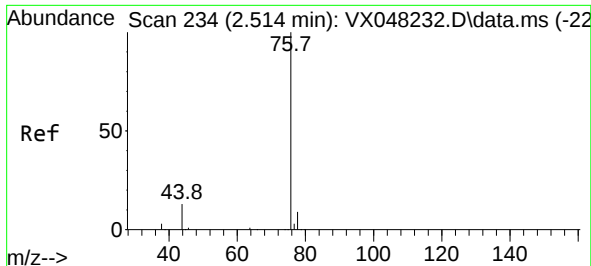
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 193.768 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

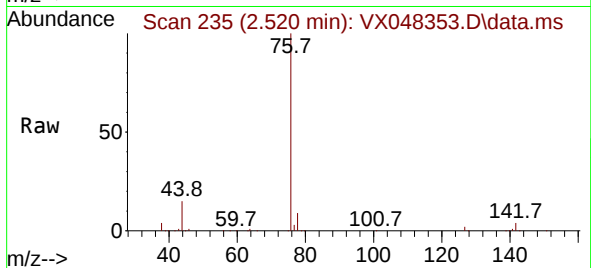
Tgt Ion: 43 Resp: 128465
Ion Ratio Lower Upper
43 100
58 27.9 23.4 35.2





#17
Carbon Disulfide
Concen: 44.407 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

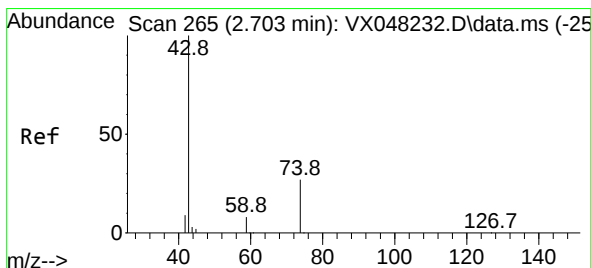
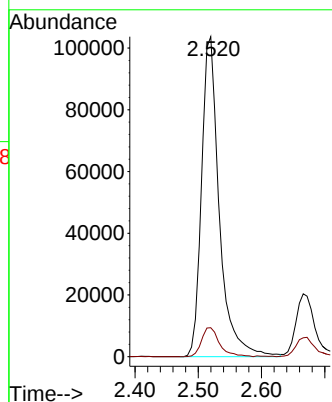
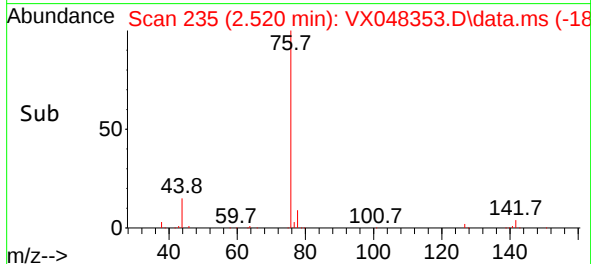
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 202530
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

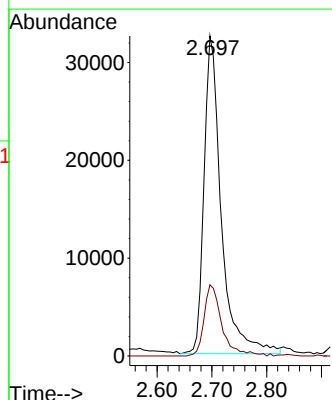
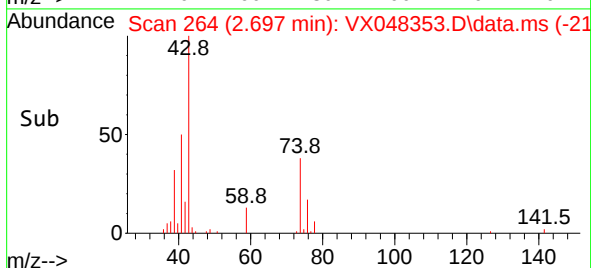
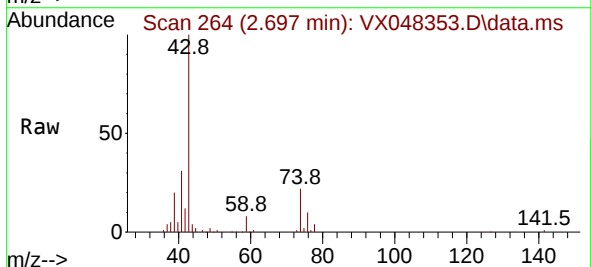
Manual Integrations
APPROVED

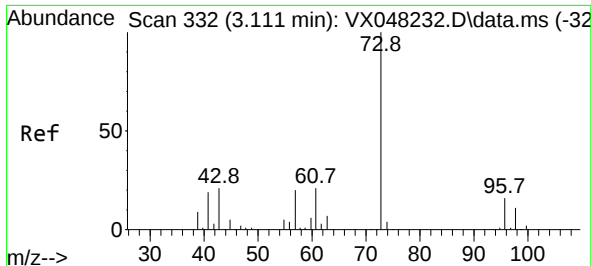
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 51.241 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 70947
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3





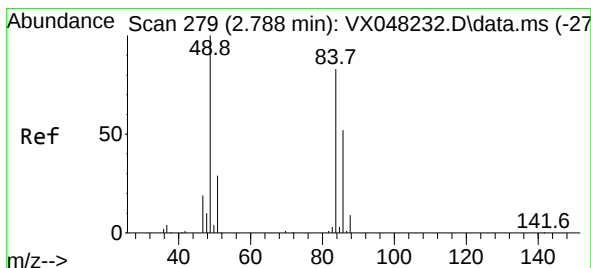
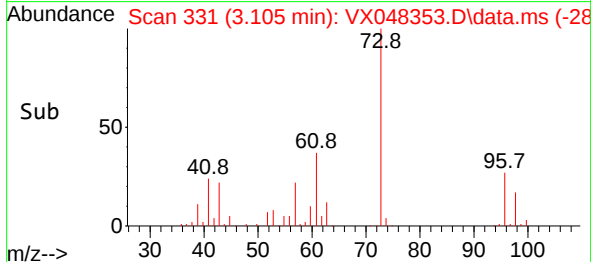
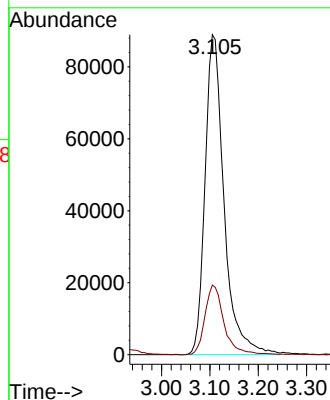
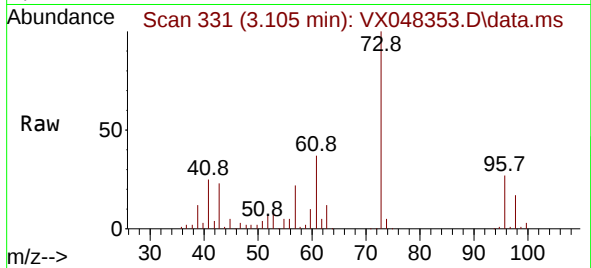
#19
Methyl tert-butyl Ether
Concen: 49.188 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 242830
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

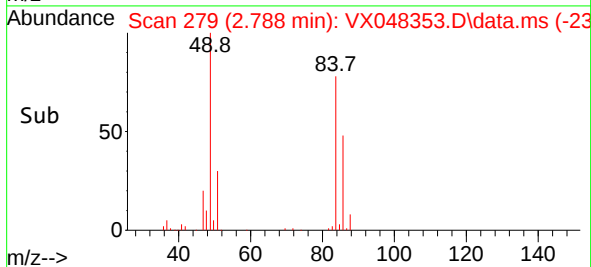
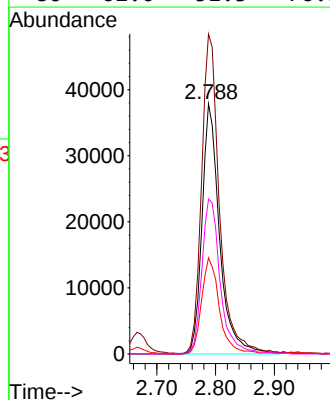
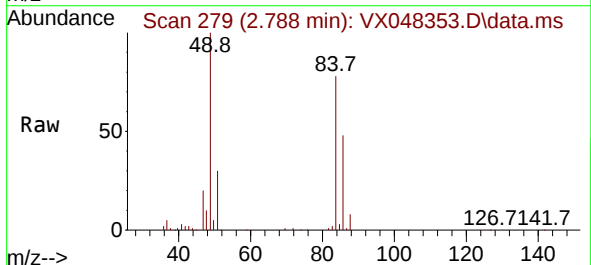
Manual Integrations
APPROVED

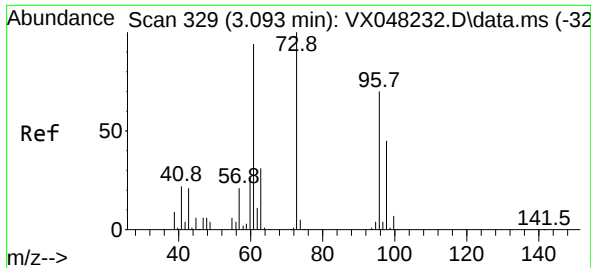
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

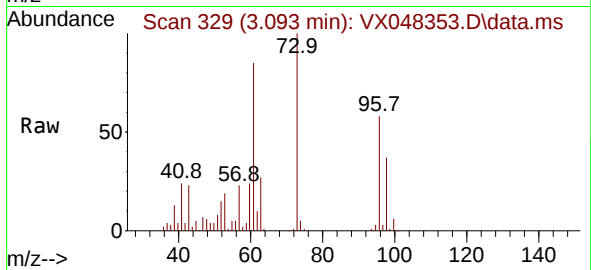
Tgt Ion: 84 Resp: 78803
Ion Ratio Lower Upper
84 100
49 127.8 104.1 156.1
51 38.5 31.3 46.9
86 62.0 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

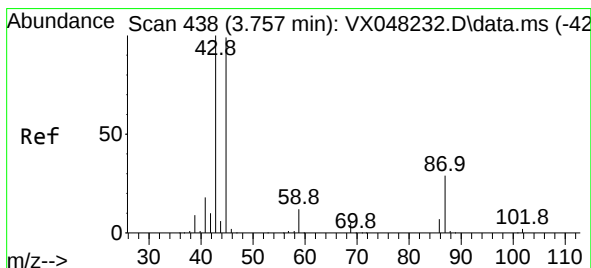
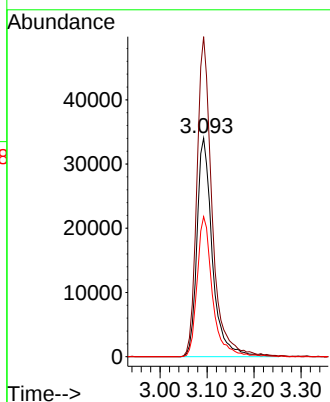
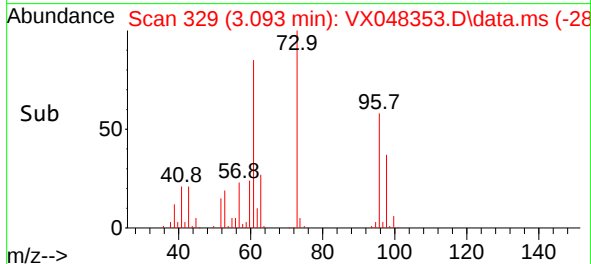
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



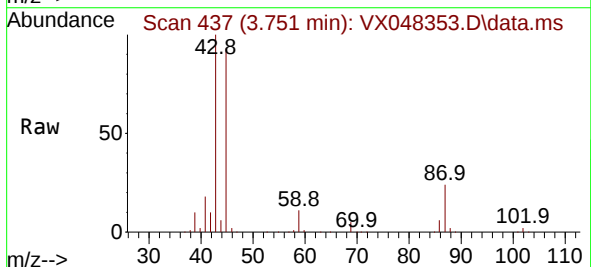
Tgt Ion: 96 Resp: 77649
Ion Ratio Lower Upper
96 100
61 146.4 111.9 167.9
98 66.3 51.2 76.8

Manual Integrations
APPROVED

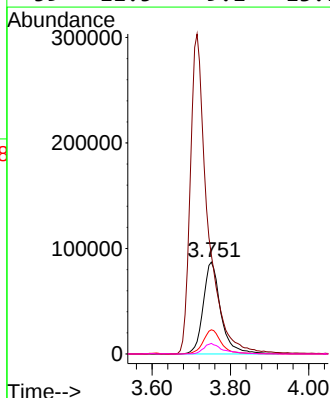
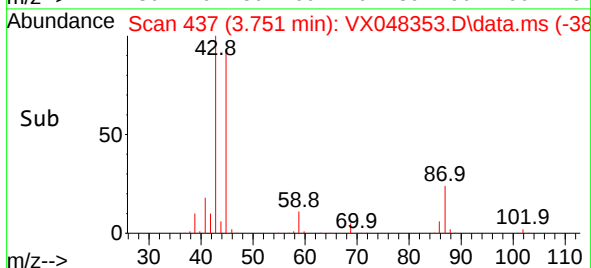
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

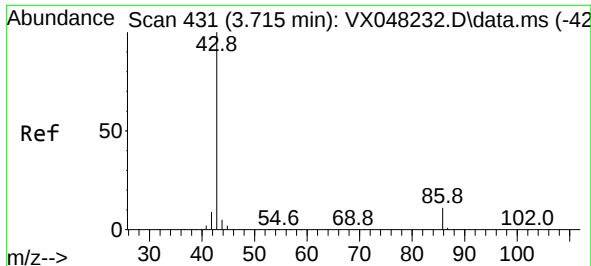


#22
Diisopropyl ether
Concen: 56.729 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



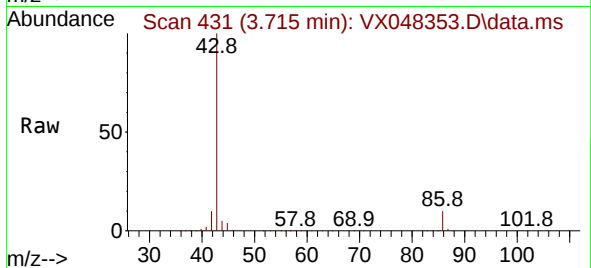
Tgt Ion: 45 Resp: 271845
Ion Ratio Lower Upper
45 100
43 107.3 89.8 134.8
87 26.3 20.6 31.0
59 11.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 245.353 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

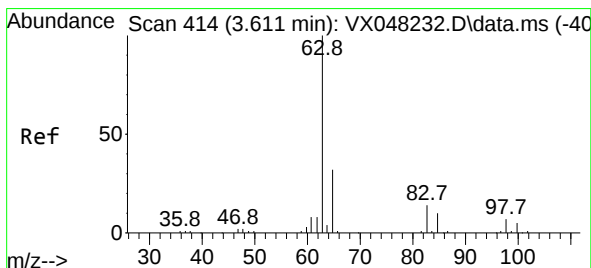
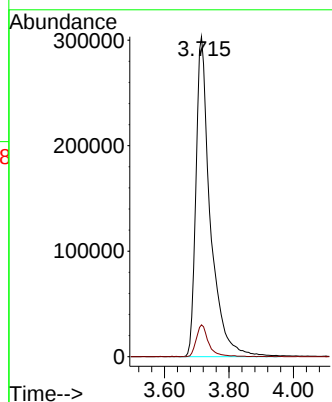
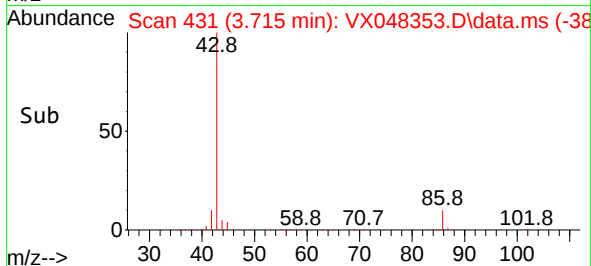
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



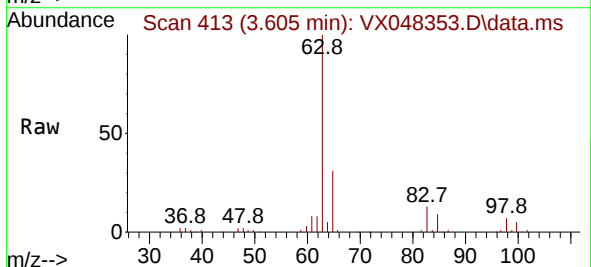
Tgt Ion: 43 Resp: 939179
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

Manual Integrations
 APPROVED

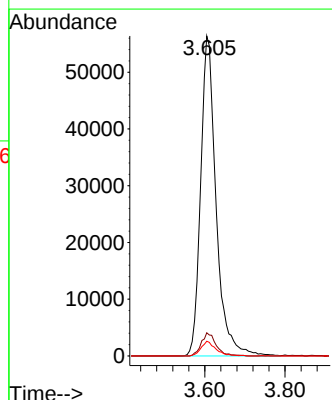
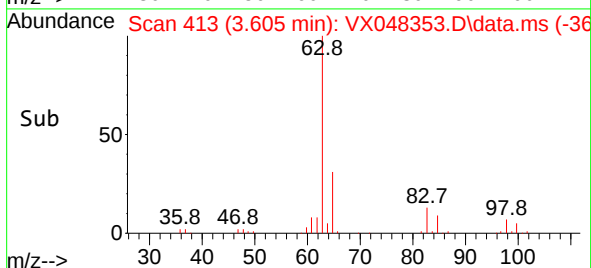
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

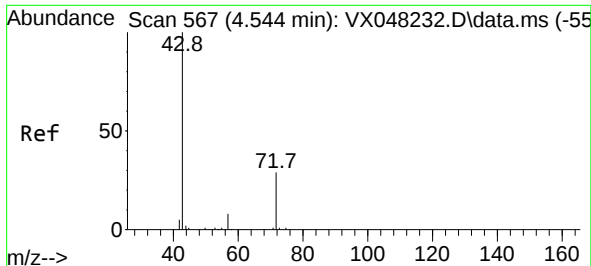


#24
 1,1-Dichloroethane
 Concen: 52.017 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49



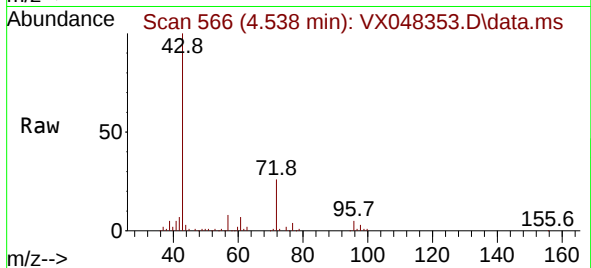
Tgt Ion: 63 Resp: 150722
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.6 2.1 6.3





#25
2-Butanone
Concen: 217.495 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

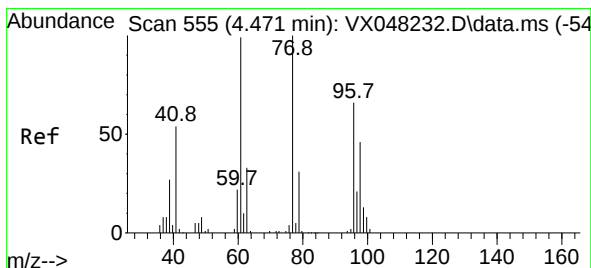
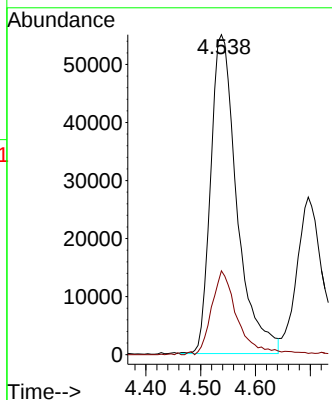
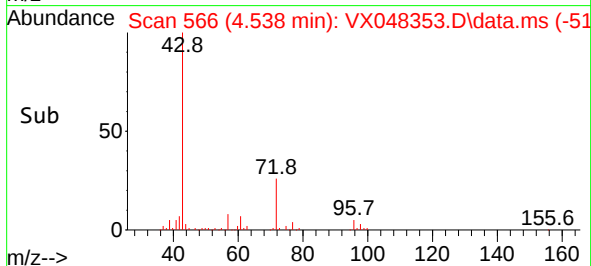
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 182514
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9

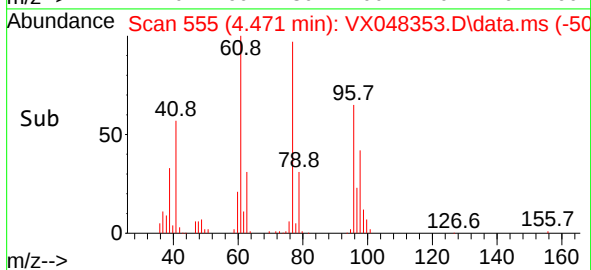
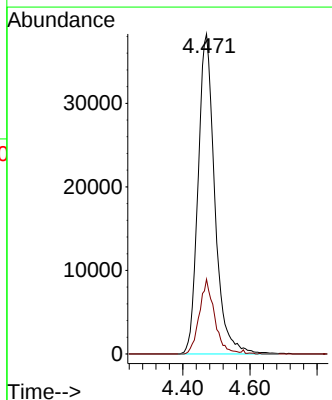
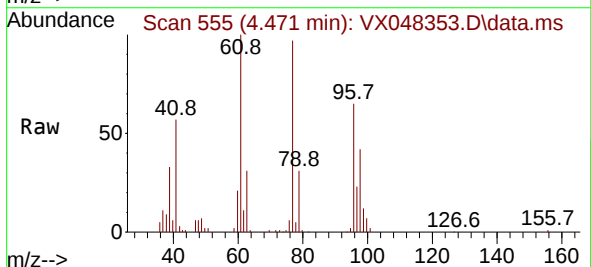
Manual Integrations
APPROVED

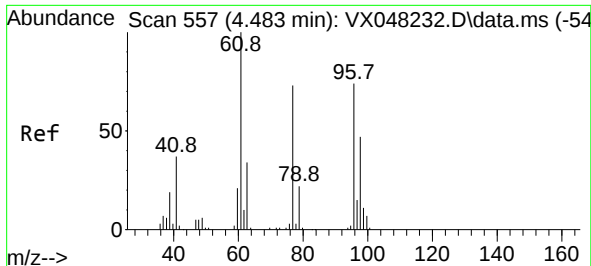
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 50.451 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 77 Resp: 131948
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.885 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

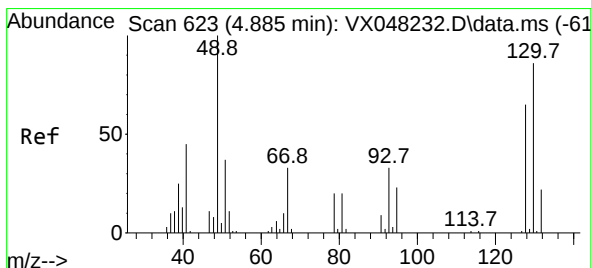
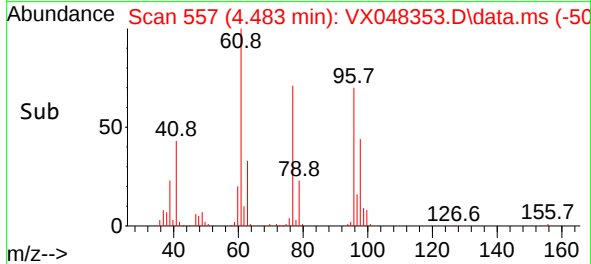
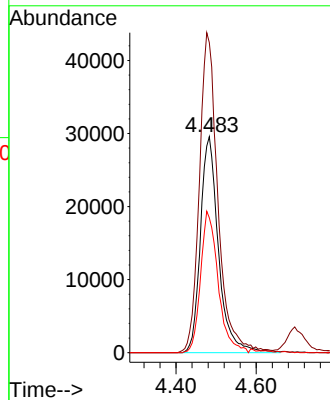
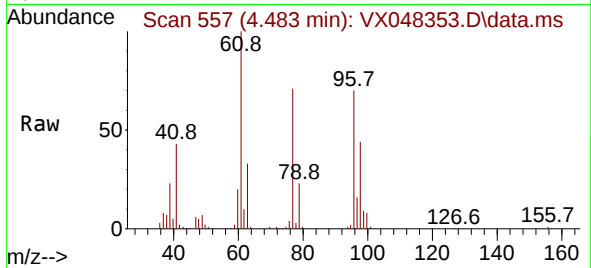
Tgt Ion:	96	Resp:	9254
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	294.2
98	63.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 52.749 ug/l

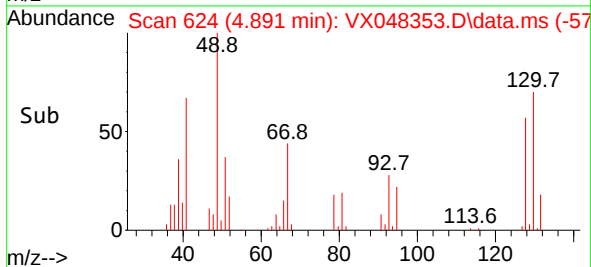
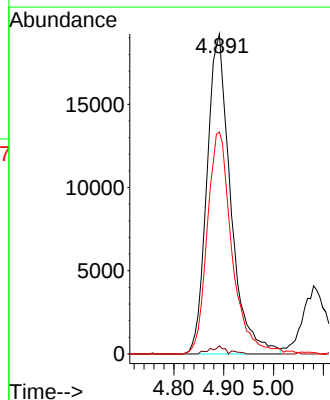
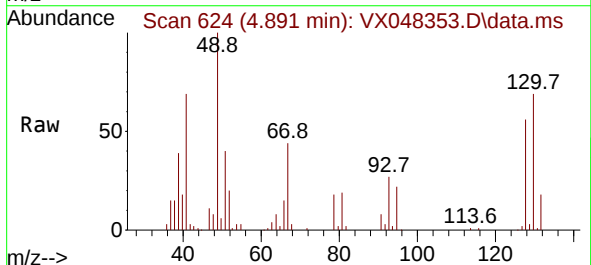
RT: 4.891 min Scan# 624

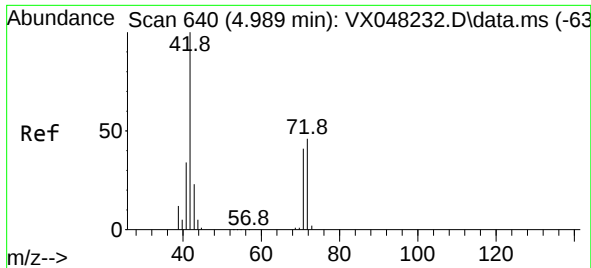
Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion:	49	Resp:	63375
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.4
130	72.3	59.3	88.9





#29

Tetrahydrofuran

Concen: 239.119 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 120170

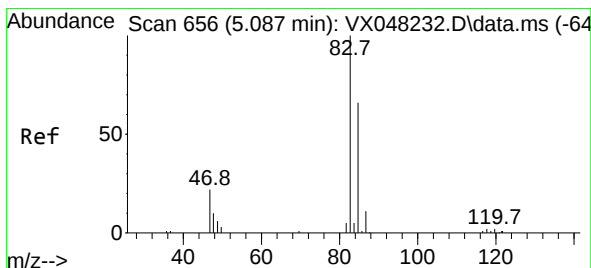
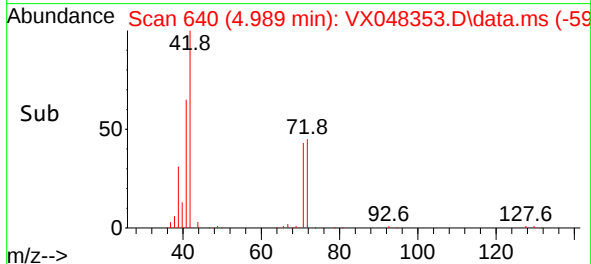
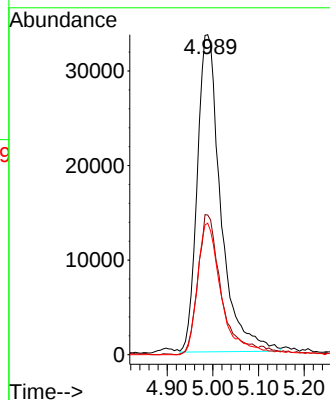
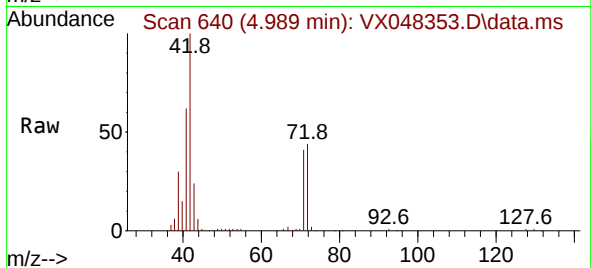
Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.3	52.9
71	42.1	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 50.495 ug/l

RT: 5.080 min Scan# 655

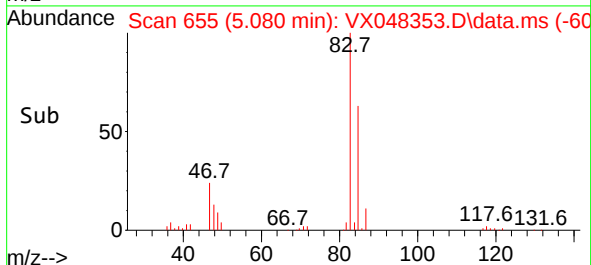
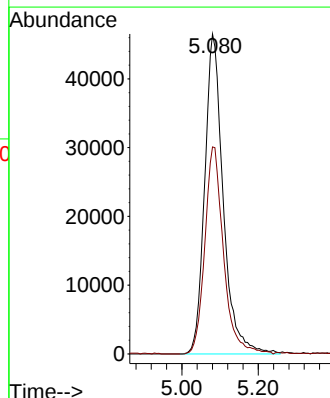
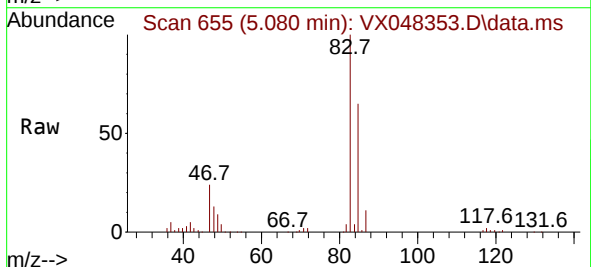
Delta R.T. -0.000 min

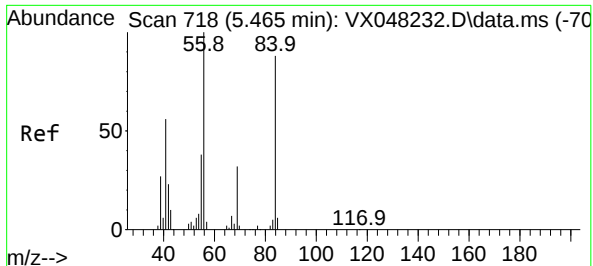
Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion: 83 Resp: 156317

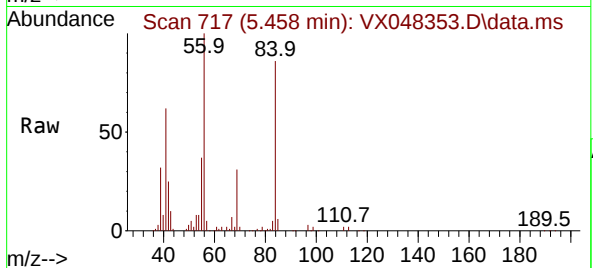
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.1	75.1





#31
Cyclohexane
Concen: 53.842 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

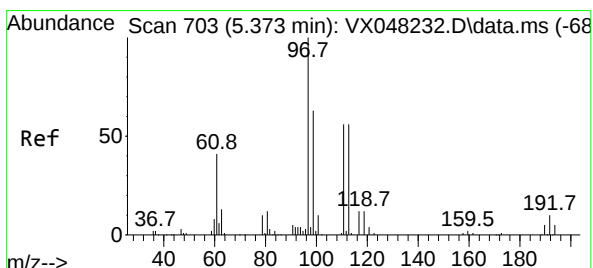
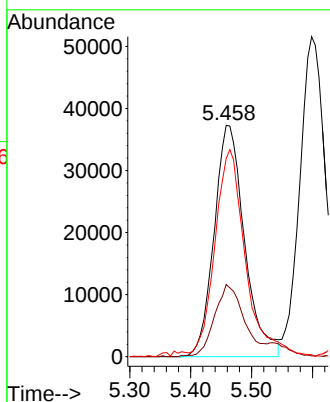
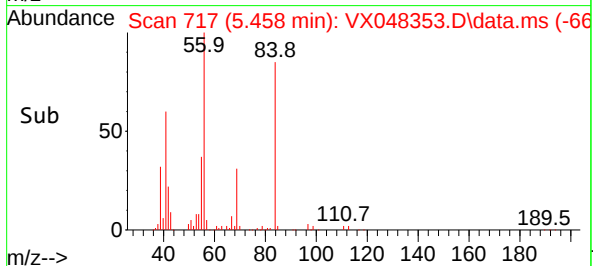
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



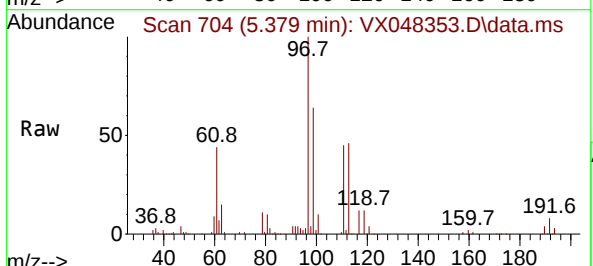
Tgt Ion: 56 Resp: 129162
Ion Ratio Lower Upper
56 100
69 30.5 23.0 34.6
84 84.0 64.6 97.0

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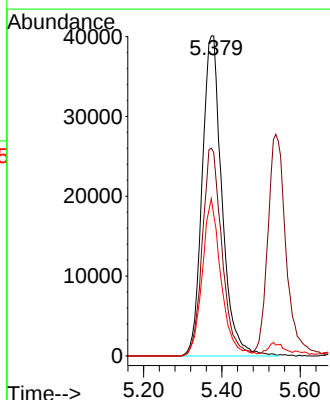
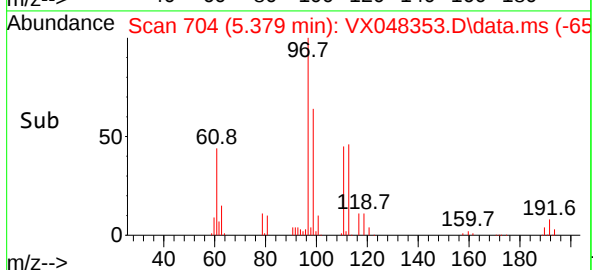
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 49.248 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



Tgt Ion: 97 Resp: 140509
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 46.6 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 48.565 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9385

Ion Ratio Lower Upper

65 100

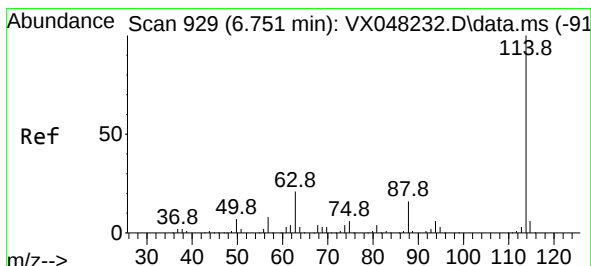
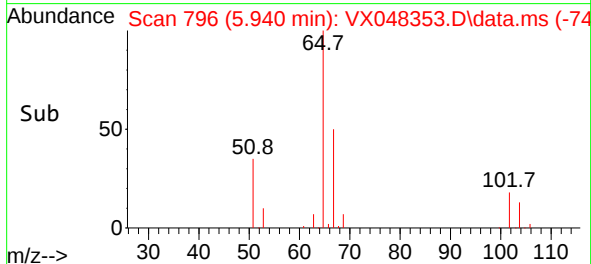
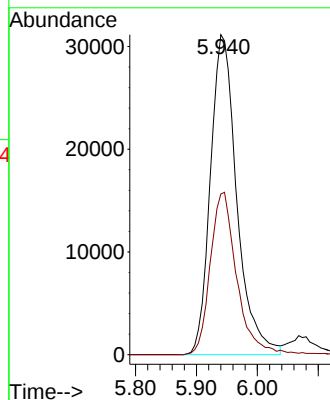
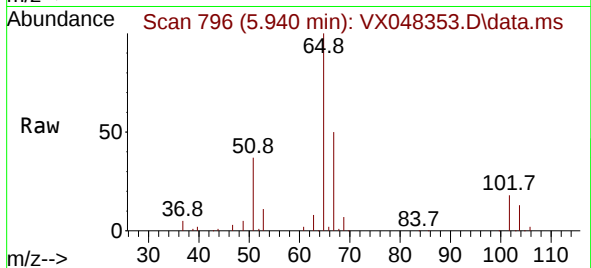
67 51.1 0.0 105.0

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: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

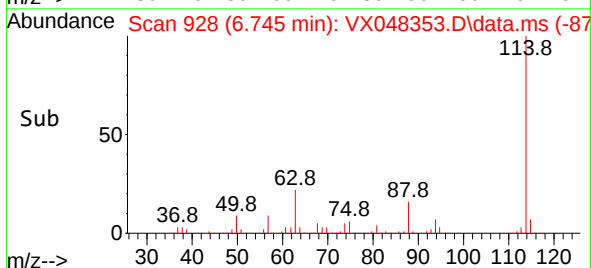
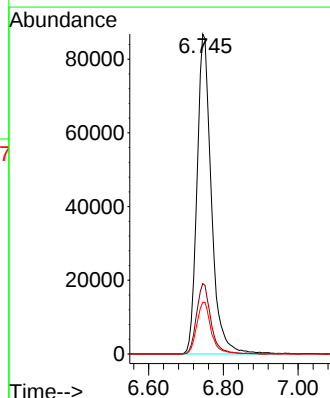
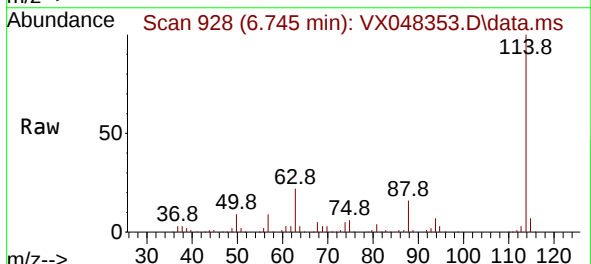
Tgt Ion:114 Resp: 230908

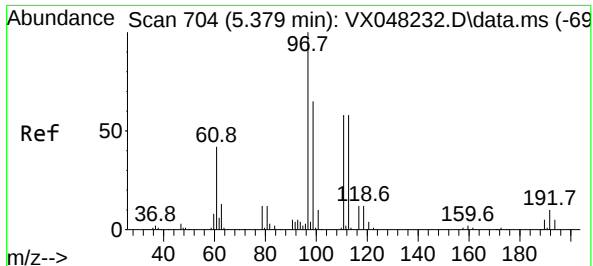
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

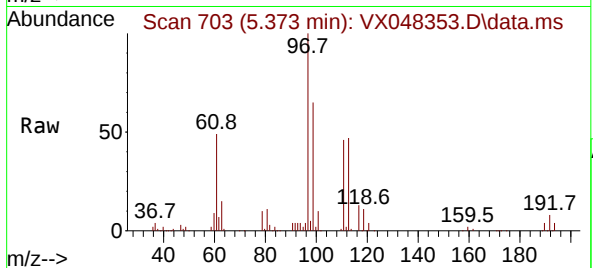
88 16.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 39.419 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

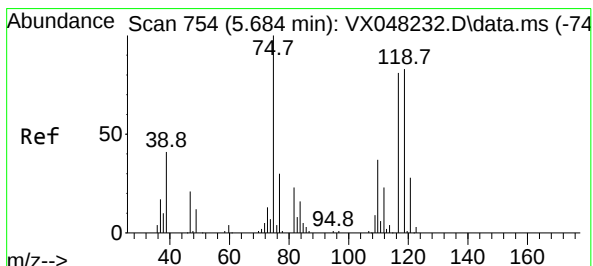
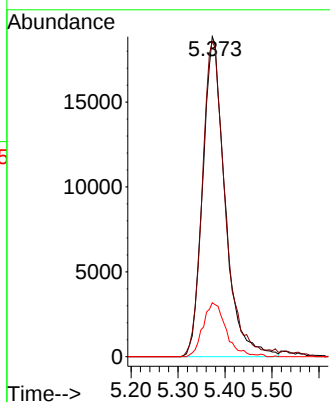
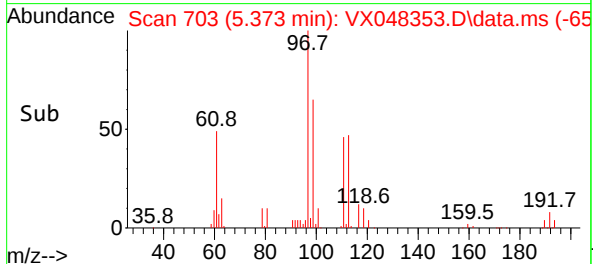
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 62140
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 17.4 15.1 22.7

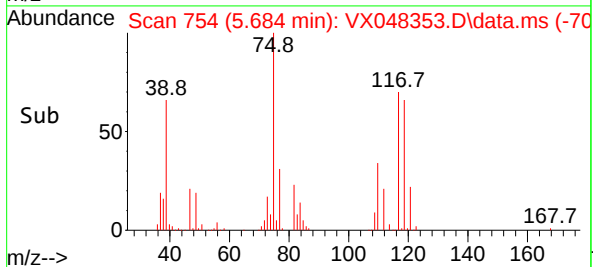
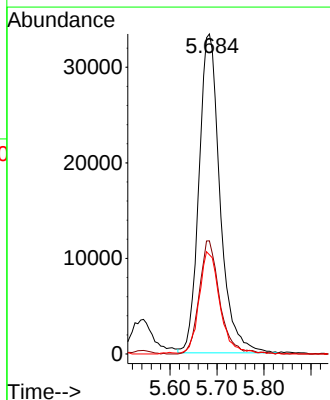
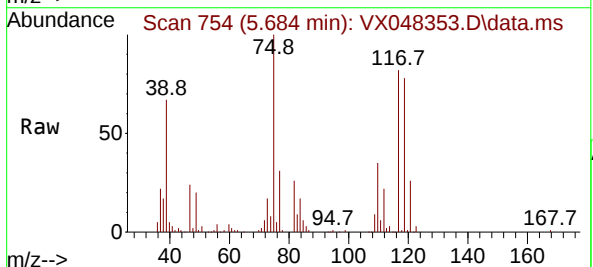
Manual Integrations
APPROVED

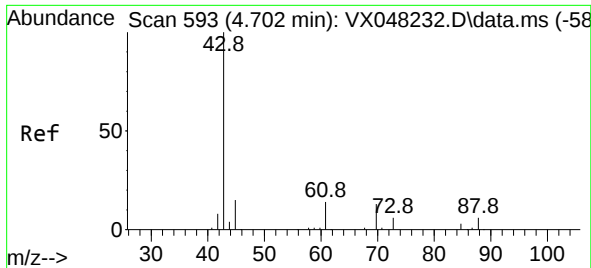
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 46.369 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

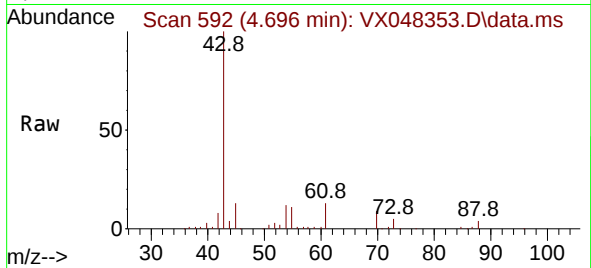
Tgt Ion: 75 Resp: 103893
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 30.7 24.3 36.5





#37
Ethyl Acetate
Concen: 51.057 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

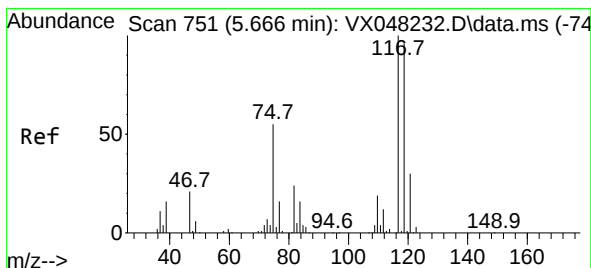
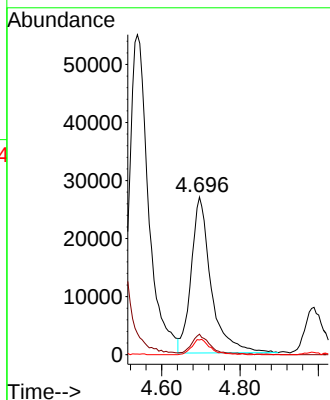
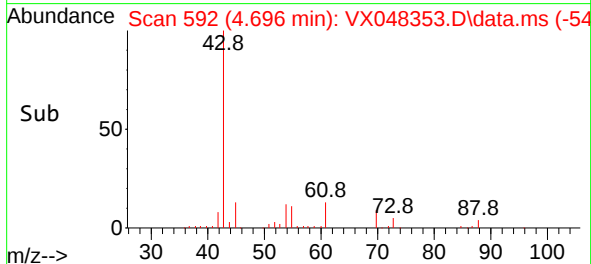
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 9482
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 9.0 7.8 11.6

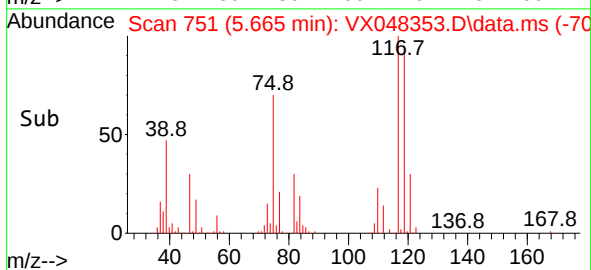
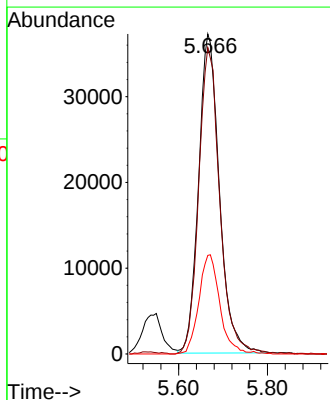
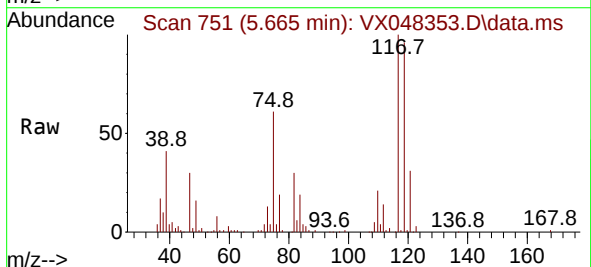
Manual Integrations
APPROVED

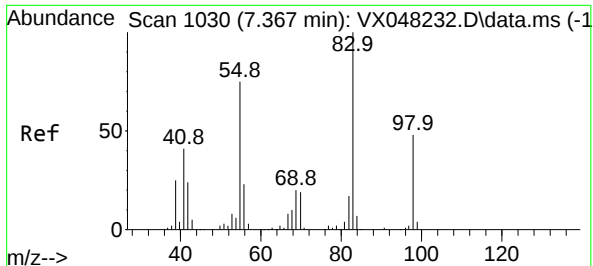
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 43.846 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 121202
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 49.732 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 131590

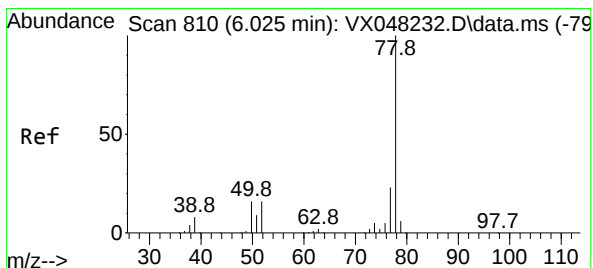
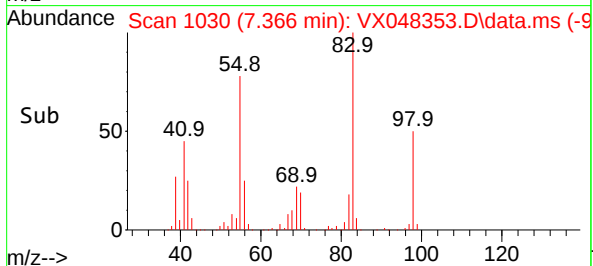
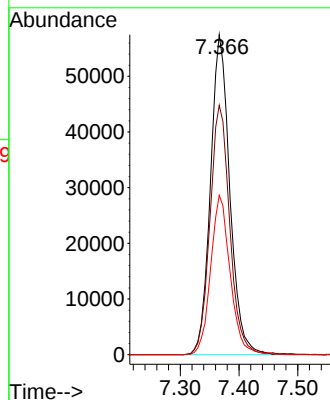
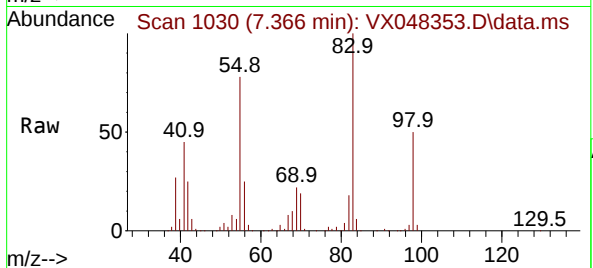
Ion	Ratio	Lower	Upper
83	100		
55	78.0	66.2	99.2
98	49.8	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Benzene

Concen: 47.991 ug/l

RT: 6.025 min Scan# 810

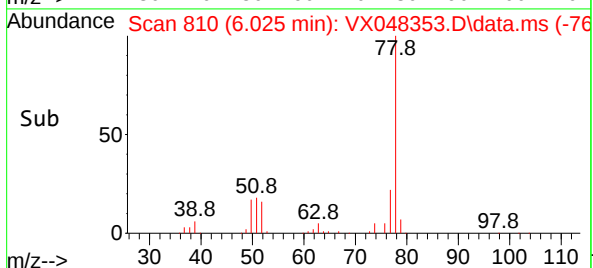
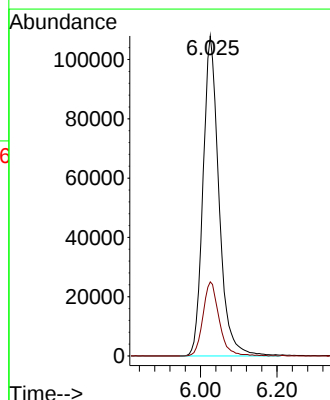
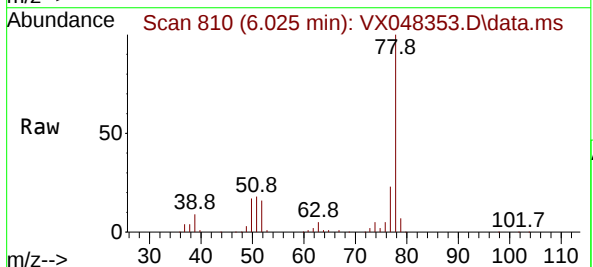
Delta R.T. -0.000 min

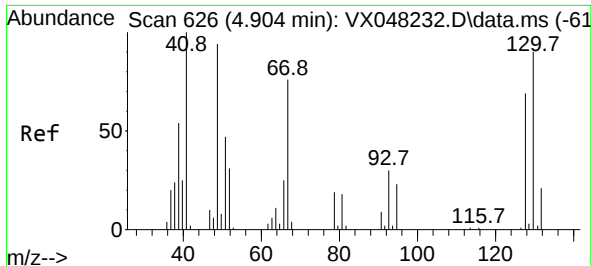
Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion: 78 Resp: 312187

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





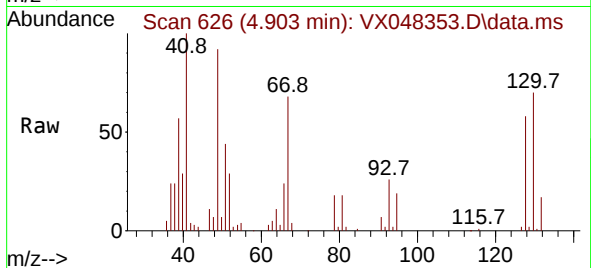
#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



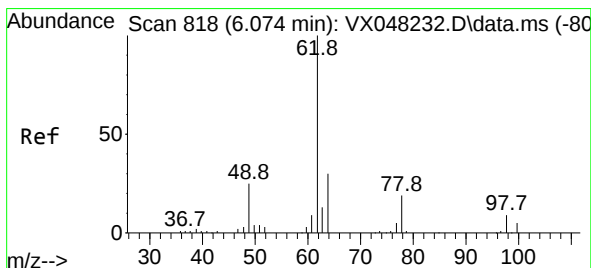
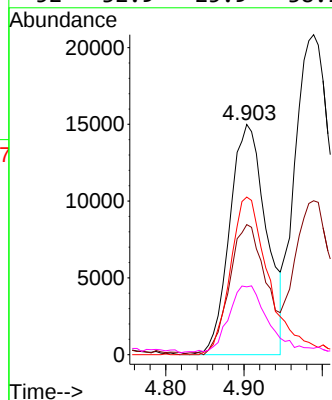
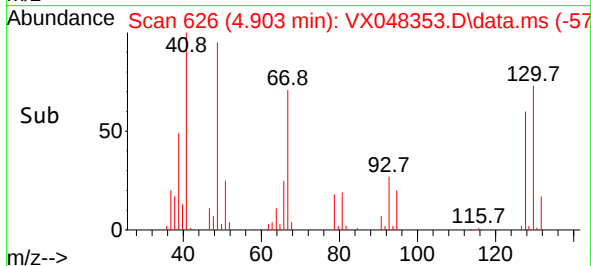
Tgt Ion: 41 Resp: 48739
Ion Ratio Lower Upper
41 100
39 56.3 44.0 66.0
67 72.8 58.7 88.1
52 32.9 25.9 38.9

Manual Integrations

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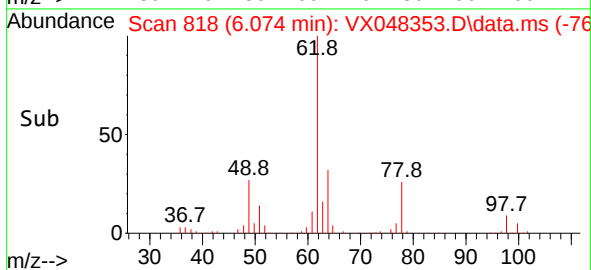
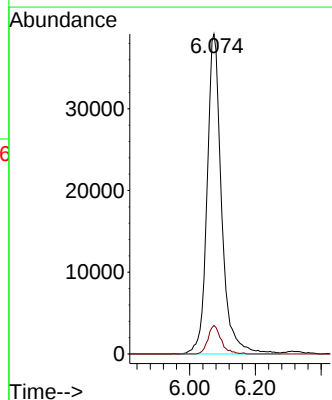
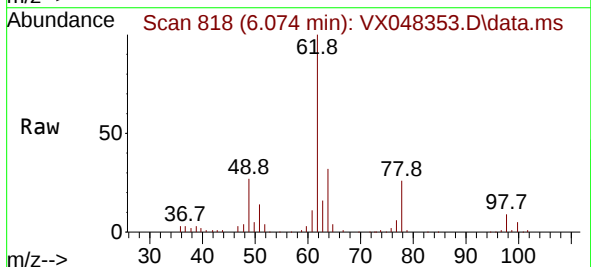
Reviewed By :John Carlone 10/27/2025

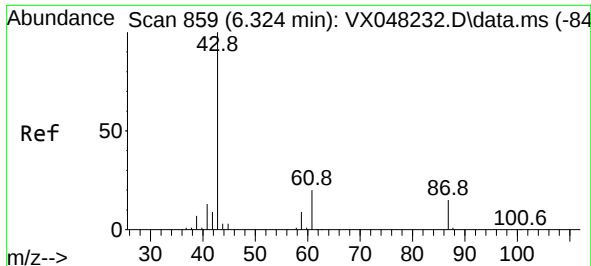
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 49.865 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 62 Resp: 119697
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.2





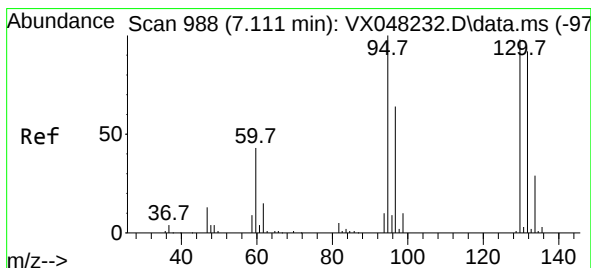
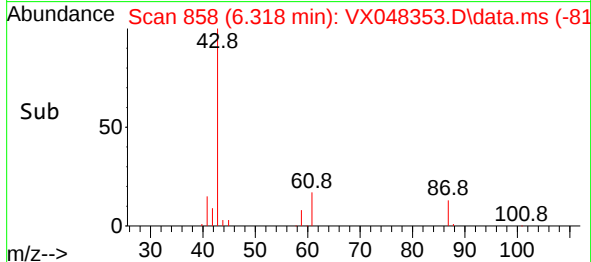
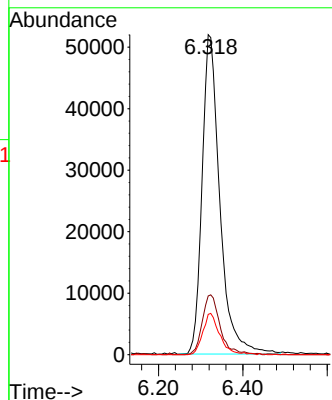
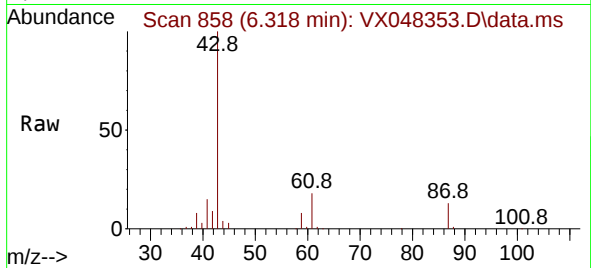
#43
Isopropyl Acetate
Concen: 49.940 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 152340
Ion Ratio Lower Upper
43 100
61 18.9 14.9 22.3
87 12.3 9.4 14.2

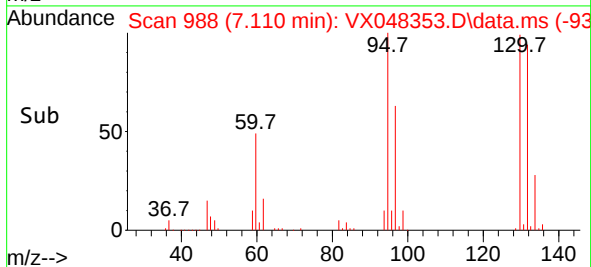
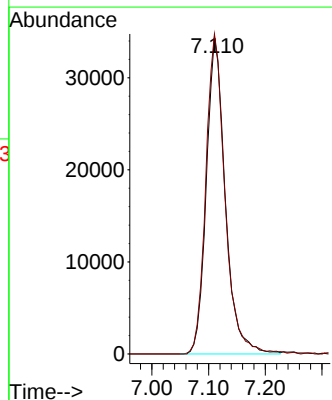
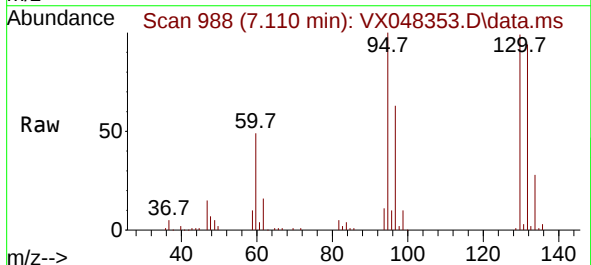
Manual Integrations
APPROVED

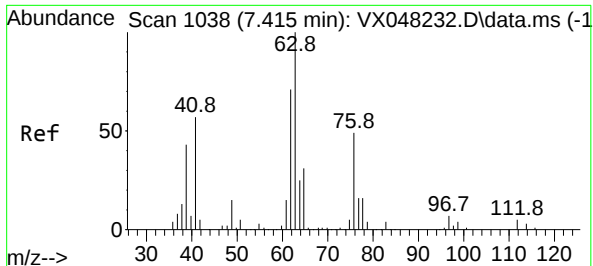
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 46.488 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:130 Resp: 79852
Ion Ratio Lower Upper
130 100
95 100.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.904 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

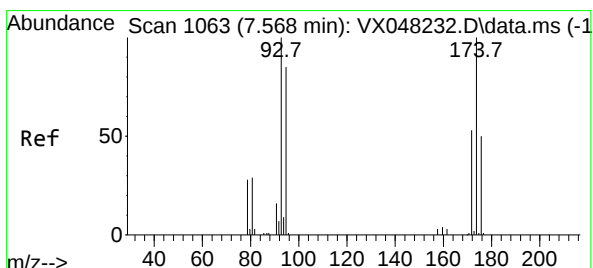
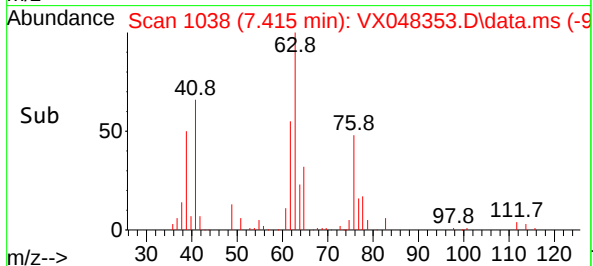
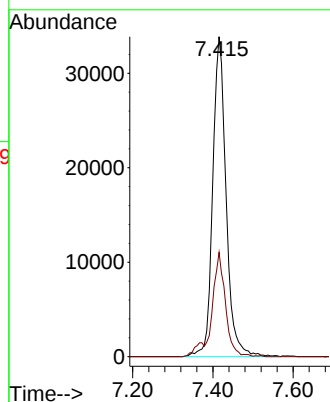
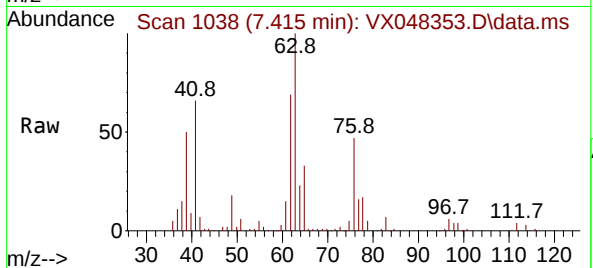
VSTDCCC050EC

Tgt Ion: 63 Resp: 78729
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.1 36.1

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 46.488 ug/l

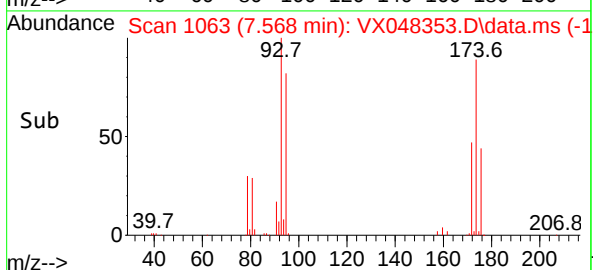
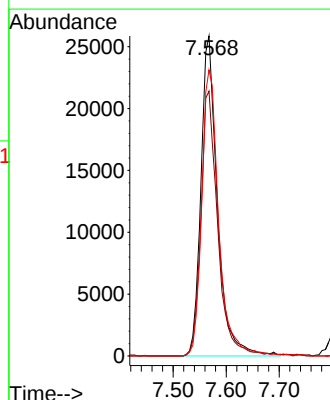
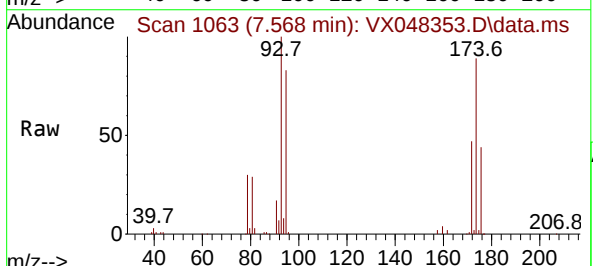
RT: 7.568 min Scan# 1063

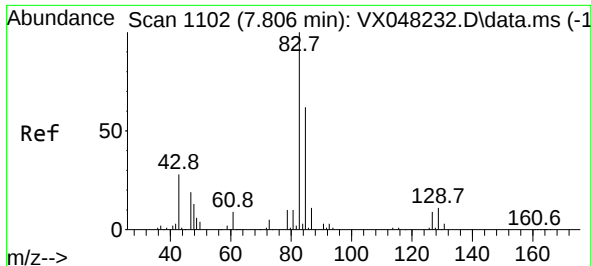
Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

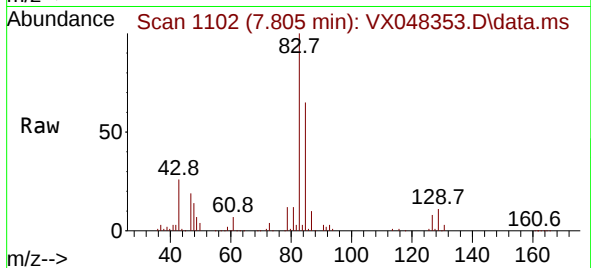
Tgt Ion: 93 Resp: 56015
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 92.2 71.7 107.5





#47
Bromodichloromethane
Concen: 47.075 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

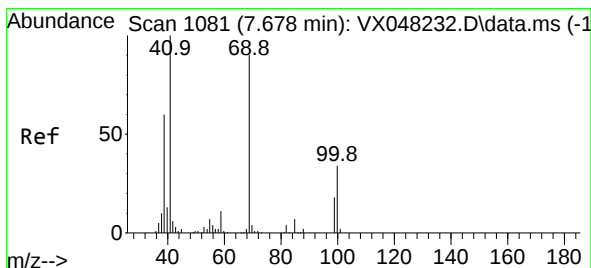
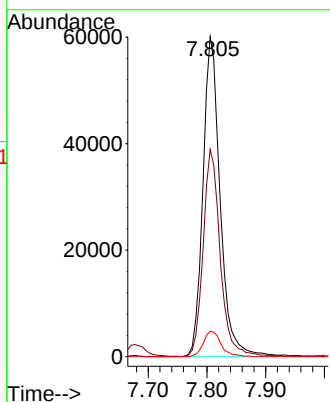
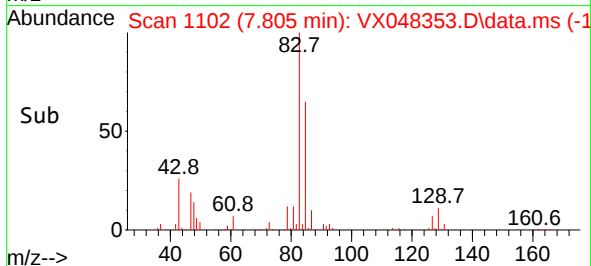
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 122472
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 8.0 7.3 10.9

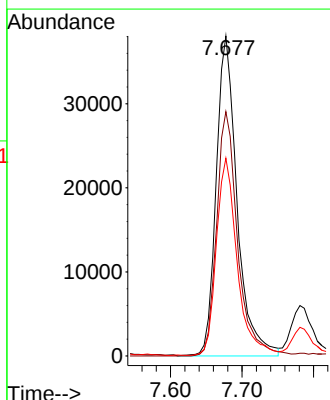
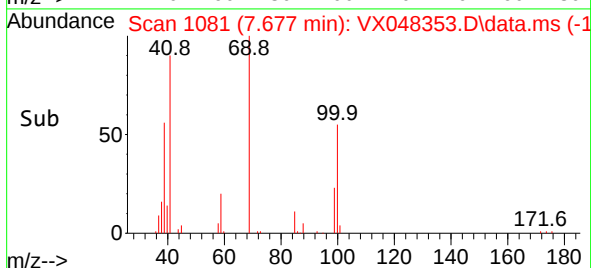
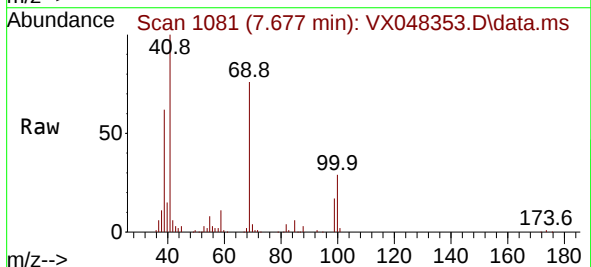
Manual Integrations
APPROVED

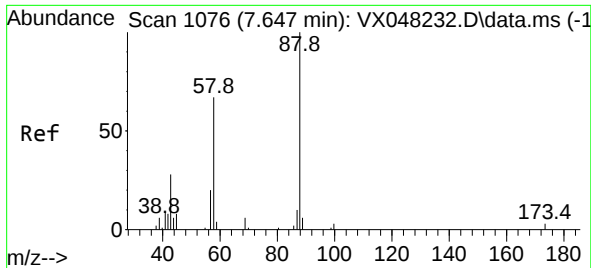
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 50.123 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

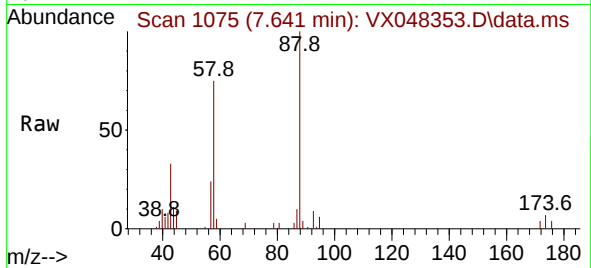
Tgt Ion: 41 Resp: 77157
Ion Ratio Lower Upper
41 100
69 76.8 63.4 95.0
39 61.4 47.1 70.7





#49
1,4-Dioxane
Concen: 767.869 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

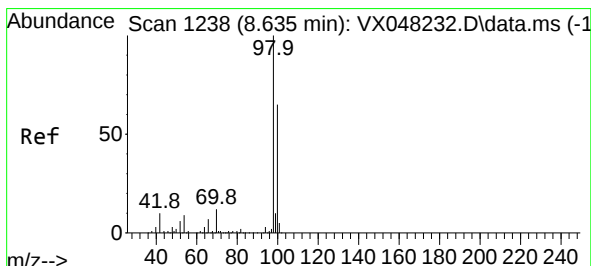
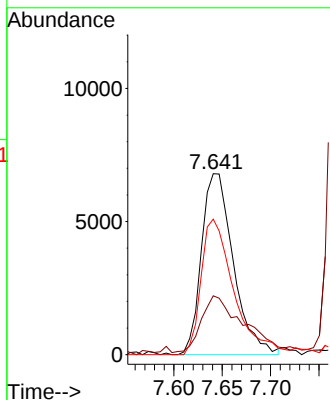
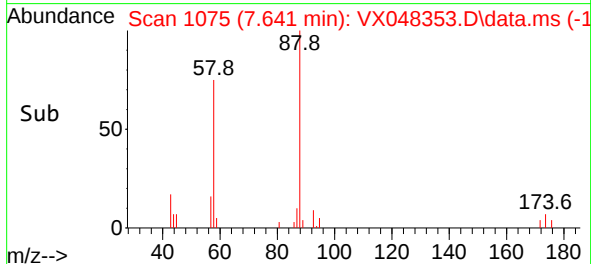
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 15610
Ion Ratio Lower Upper
88 100
43 40.1 35.0 52.4
58 76.7 61.9 92.9

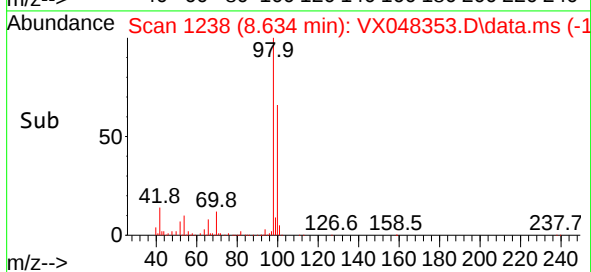
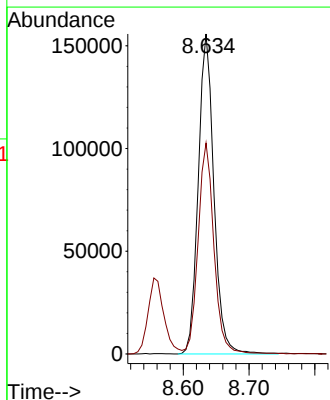
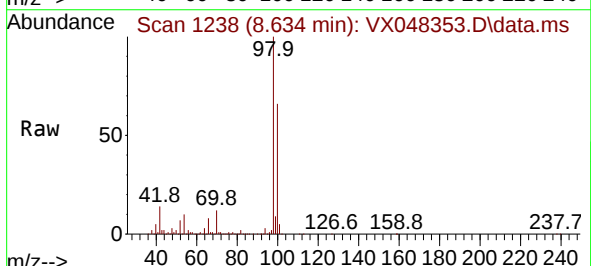
Manual Integrations
APPROVED

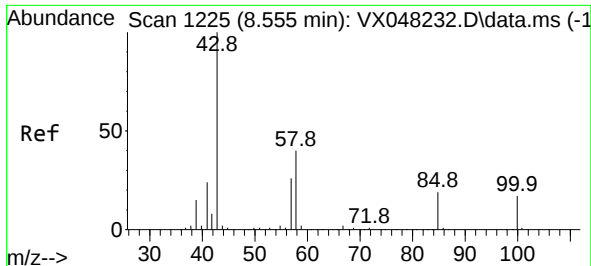
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 46.661 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

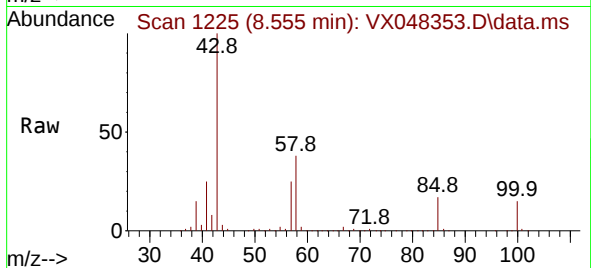
Tgt Ion: 98 Resp: 257823
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 242.909 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

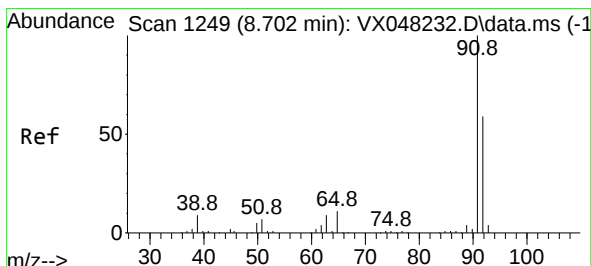
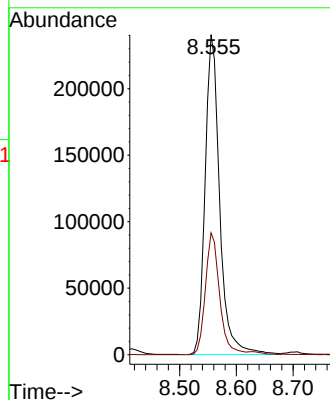
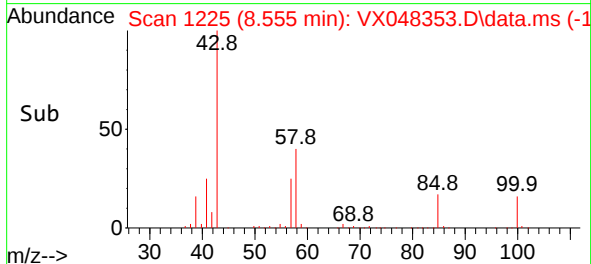
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 427244
Ion Ratio Lower Upper
43 100
58 38.2 29.5 44.3

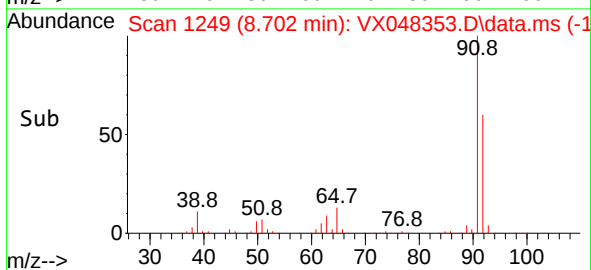
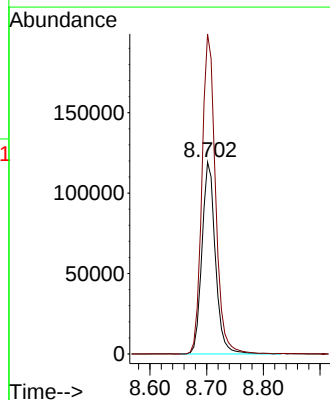
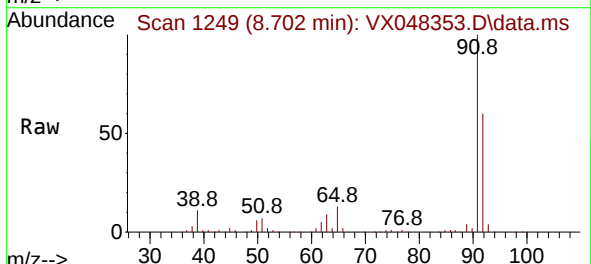
Manual Integrations
APPROVED

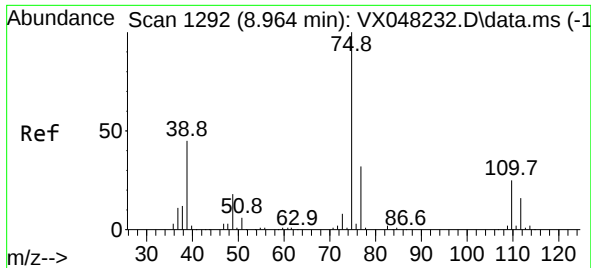
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 47.417 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 92 Resp: 195954
Ion Ratio Lower Upper
92 100
91 168.4 136.1 204.1





#53
 t-1,3-Dichloropropene
 Concen: 44.482 ug/l
 RT: 8.964 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

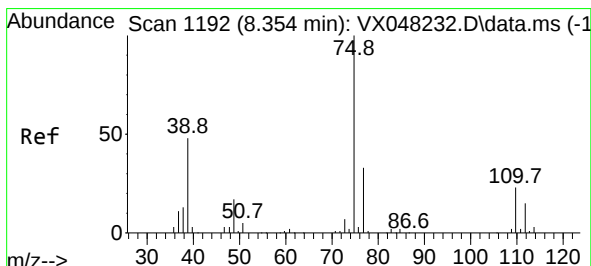
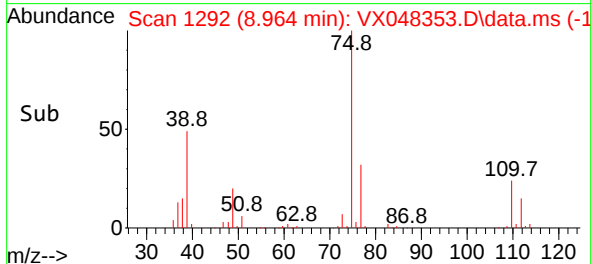
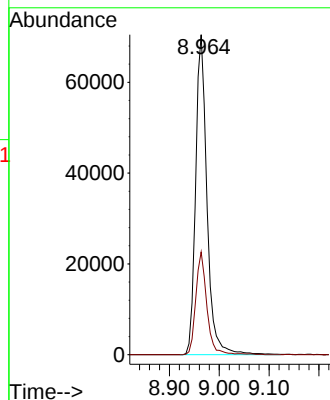
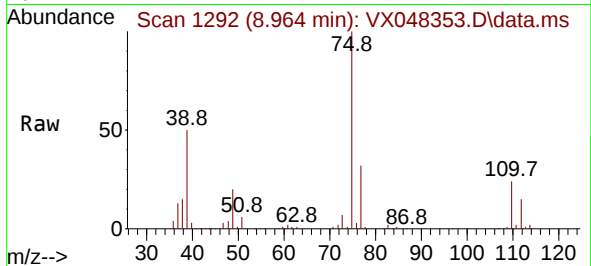
VSTDCCC050EC

Tgt Ion: 75 Resp: 11152
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6

Manual Integrations

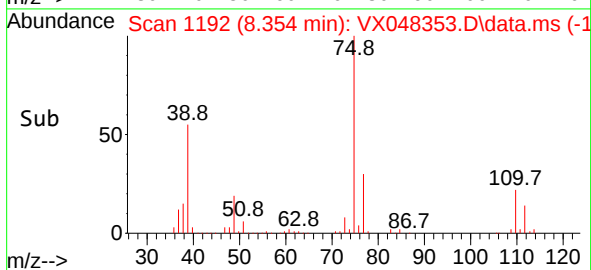
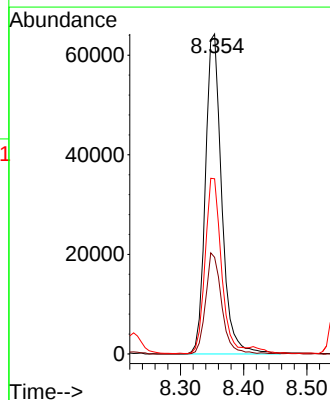
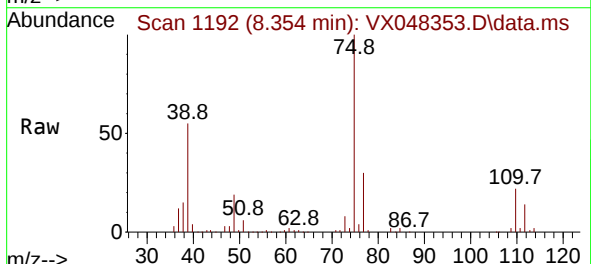
APPROVED

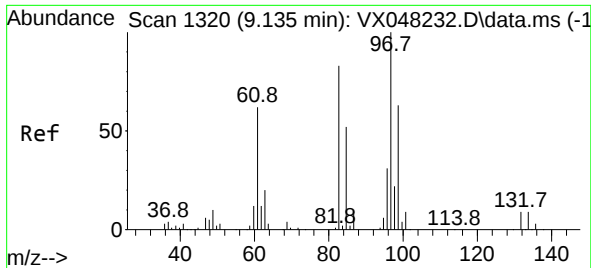
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 42.583 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

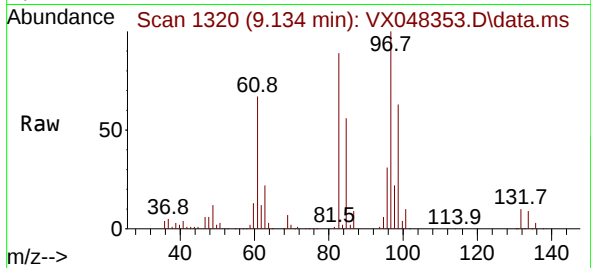
Tgt Ion: 75 Resp: 115185
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.9 37.3
 39 54.5 42.6 64.0





#55
 1,1,2-Trichloroethane
 Concen: 46.020 ug/l
 RT: 9.134 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

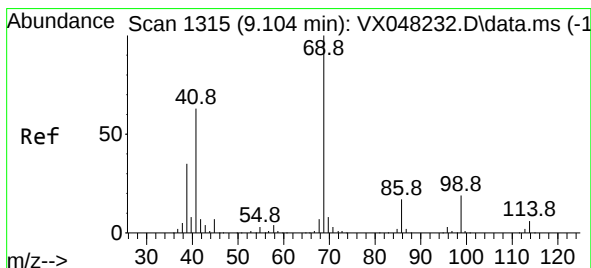
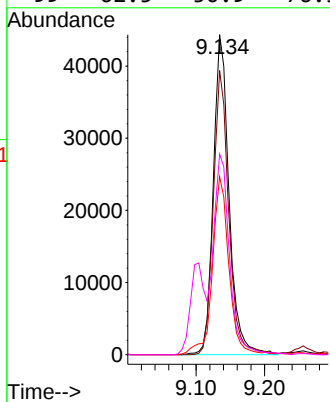
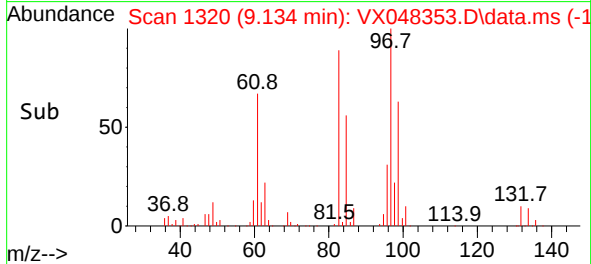
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



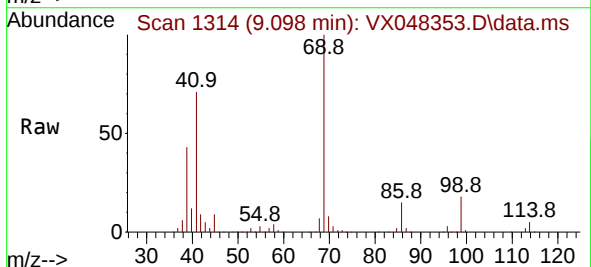
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.6	105.8
85	55.7	45.0	67.6
99	62.5	50.9	76.3

Manual Integrations
 APPROVED

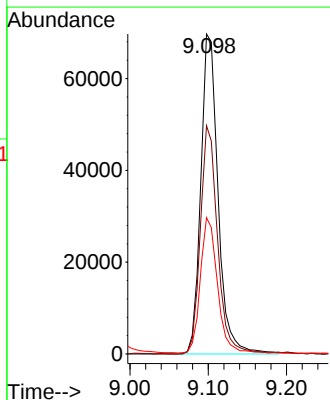
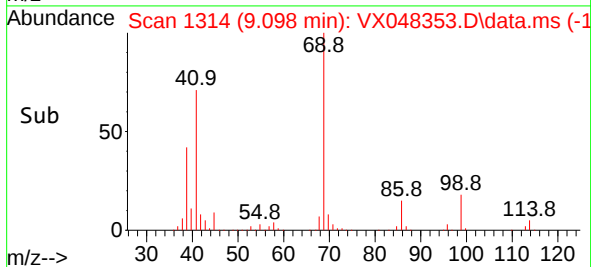
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

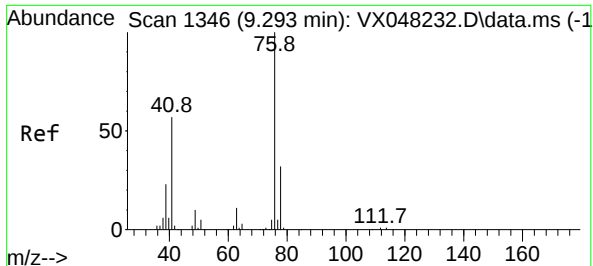


#56
 Ethyl methacrylate
 Concen: 47.538 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.0	84.0
39	42.8	31.6	47.4





#57

1,3-Dichloropropane

Concen: 47.465 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 124600

Ion Ratio Lower Upper

76 100

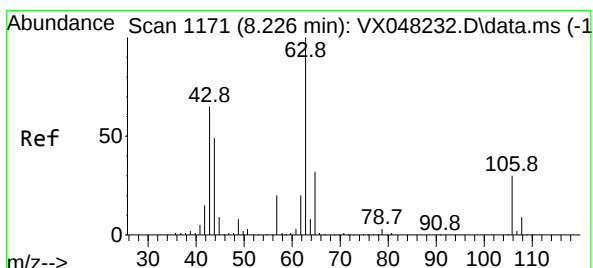
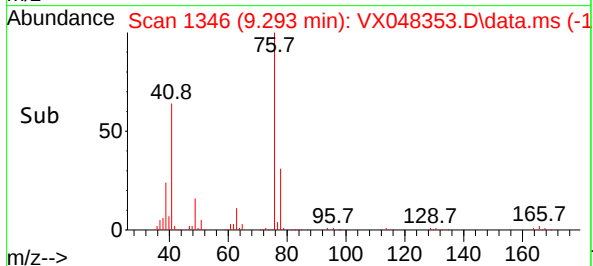
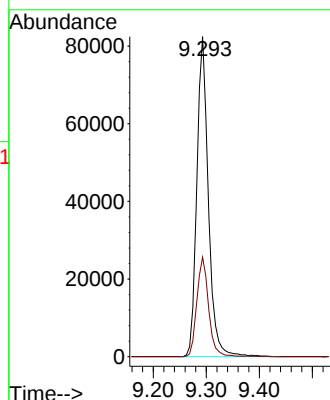
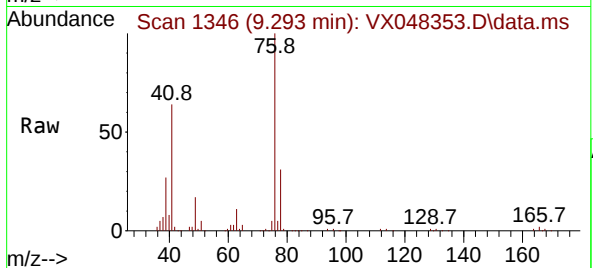
78 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 248.040 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048353.D

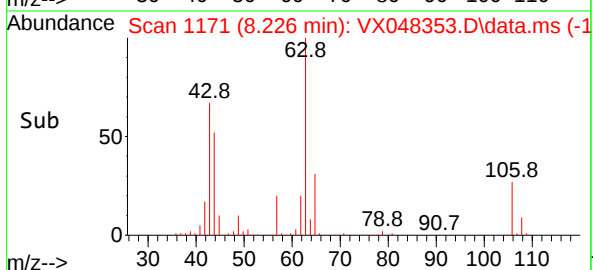
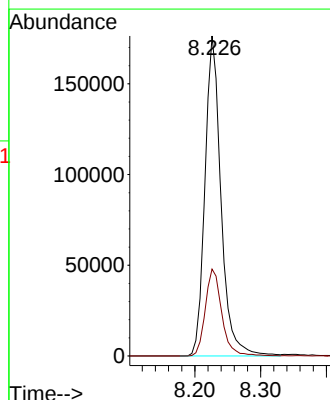
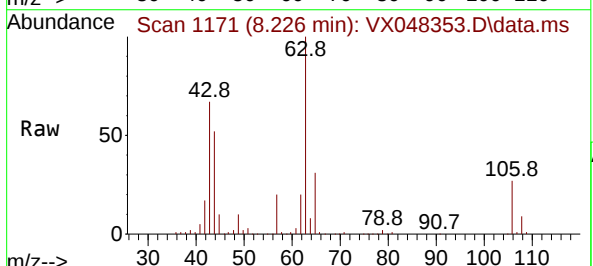
Acq: 24 Oct 2025 15:49

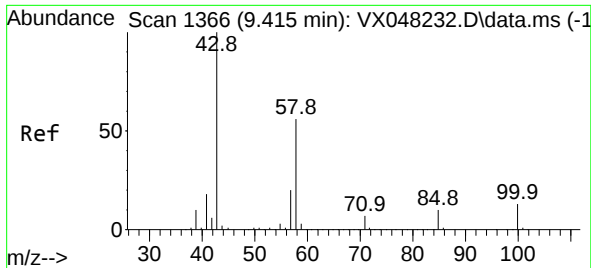
Tgt Ion: 63 Resp: 299785

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





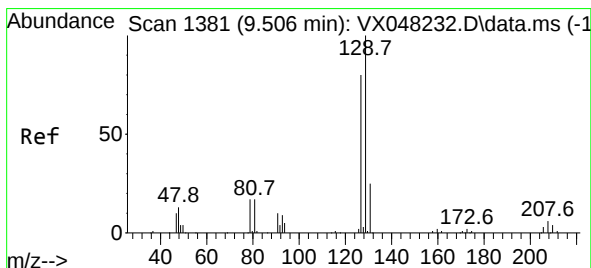
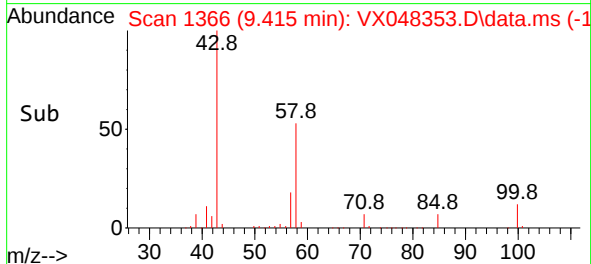
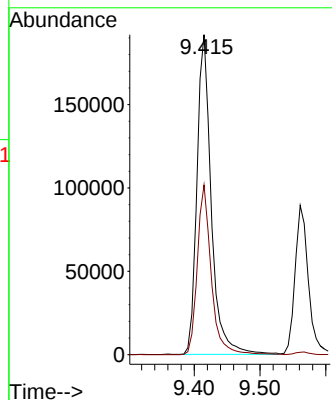
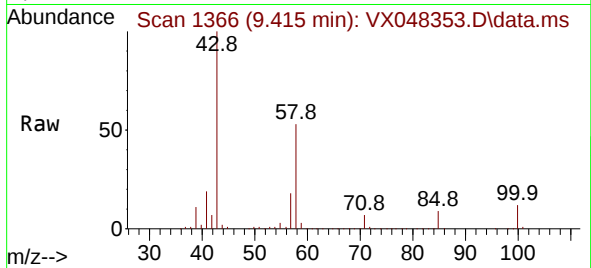
#59
2-Hexanone
Concen: 236.310 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 289819
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.8

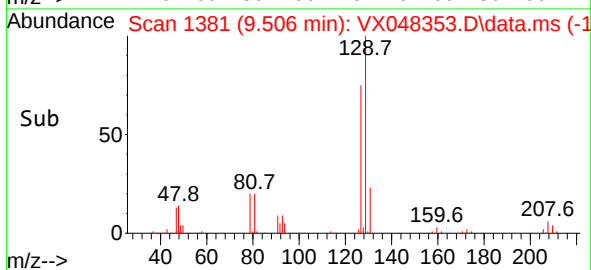
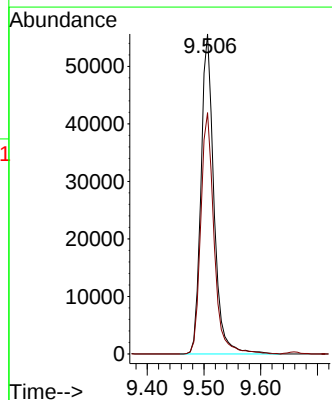
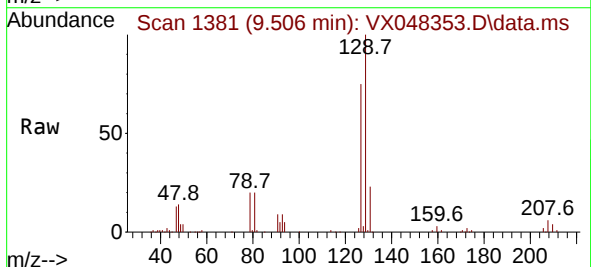
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 42.719 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

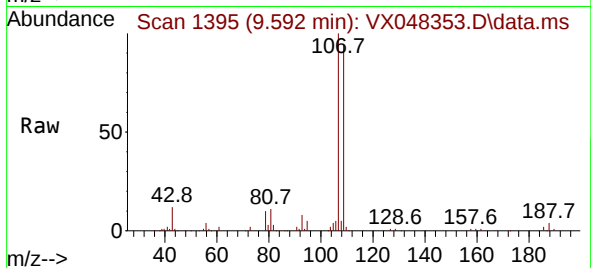
Tgt Ion:129 Resp: 88240
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 44.069 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

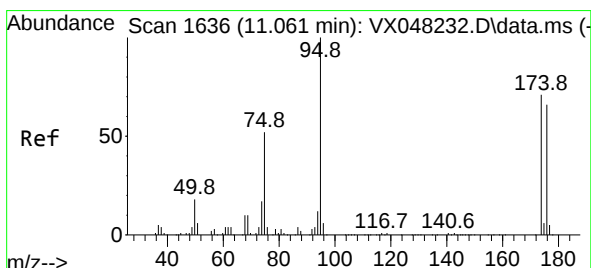
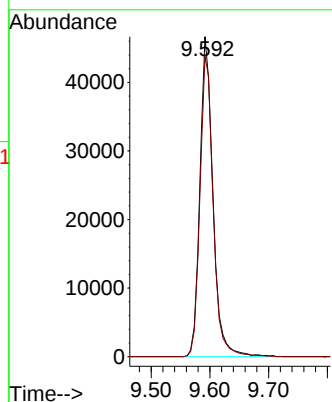
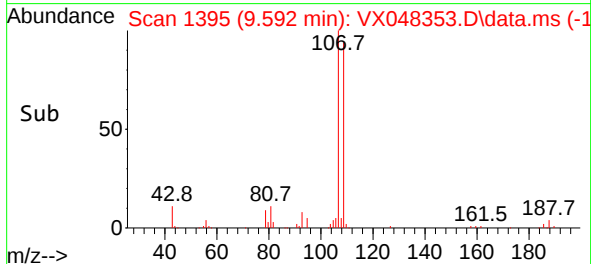
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



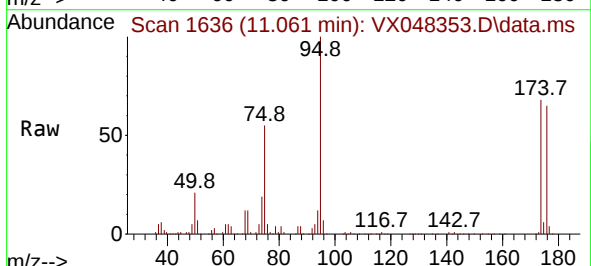
Tgt Ion:107 Resp: 7220
Ion Ratio Lower Upper
107 100
109 95.1 77.0 115.4

Manual Integrations
APPROVED

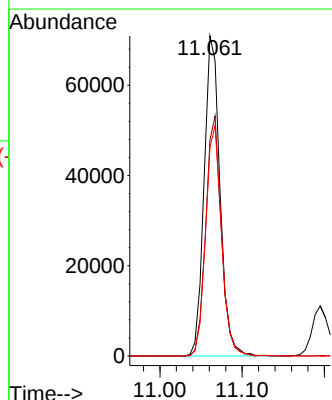
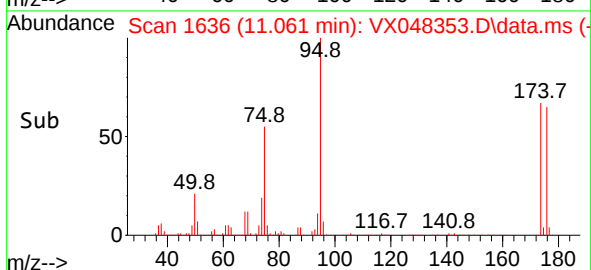
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

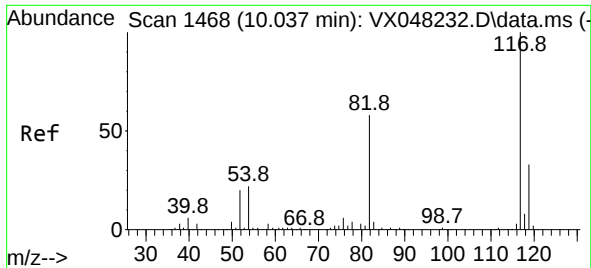


#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



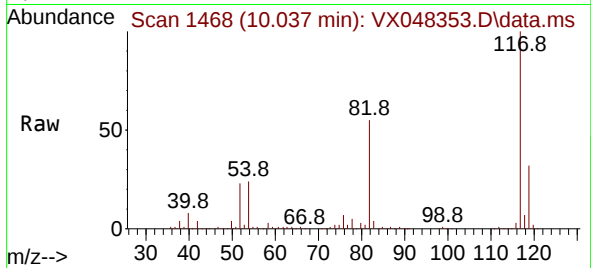
Tgt Ion: 95 Resp: 95120
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 71.7 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

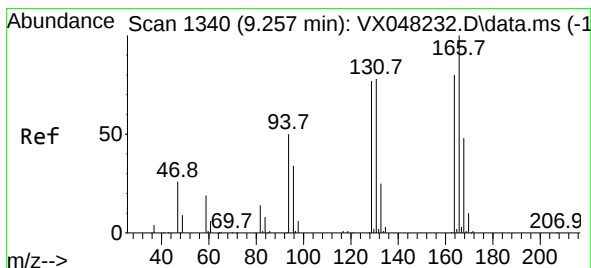
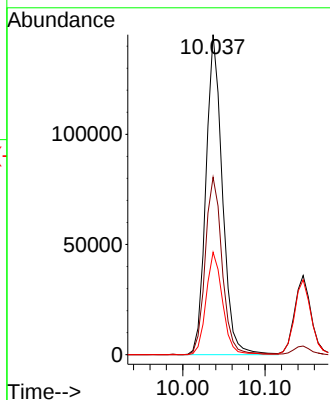
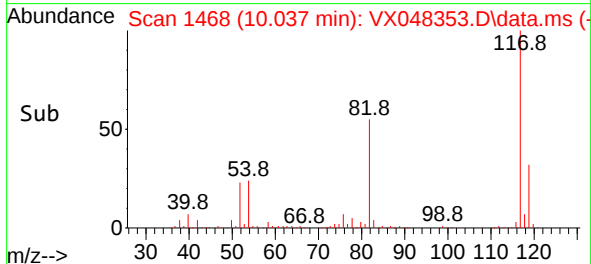
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20189
Ion Ratio Lower Upper
117 100
82 55.3 46.5 69.7
119 32.0 25.9 38.9

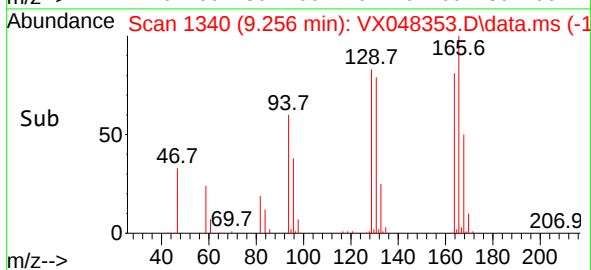
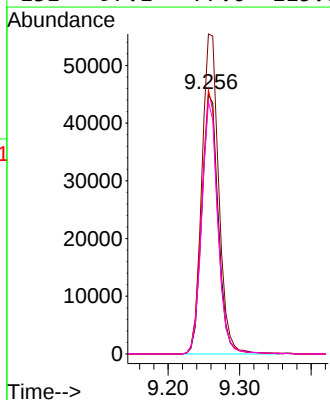
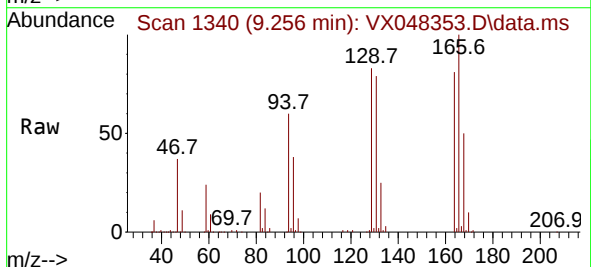
Manual Integrations
APPROVED

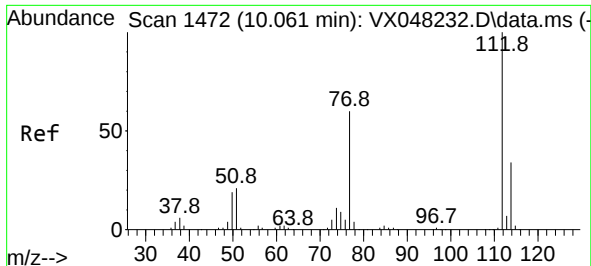
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 47.502 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion:164 Resp: 71595
Ion Ratio Lower Upper
164 100
166 123.2 104.5 156.7
129 101.7 81.8 122.6
131 97.1 77.0 115.6





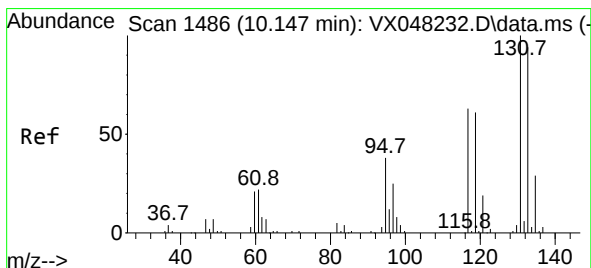
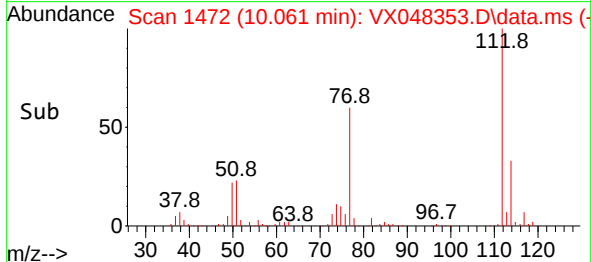
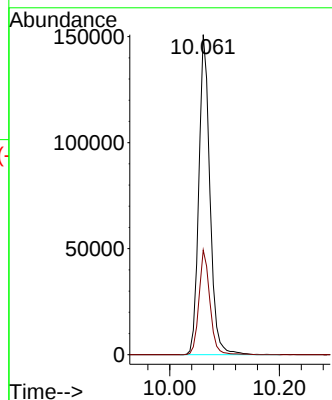
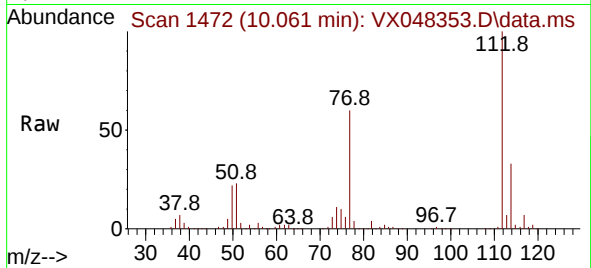
#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 212798
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

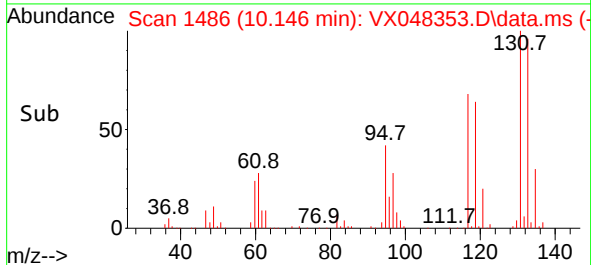
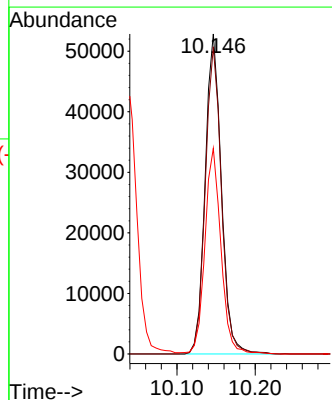
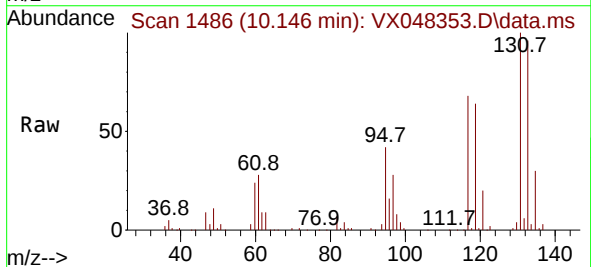
Manual Integrations
APPROVED

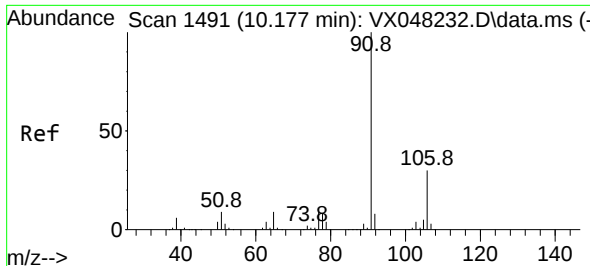
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.425 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

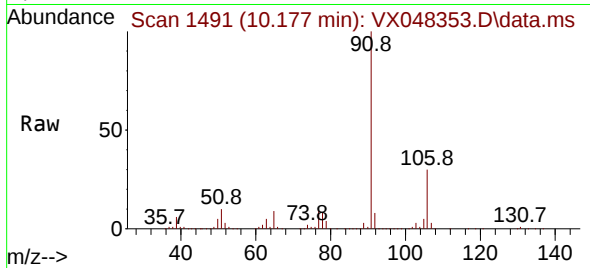
Tgt Ion:131 Resp: 75776
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 63.8 32.5 97.5





#67
Ethyl Benzene
Concen: 48.997 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

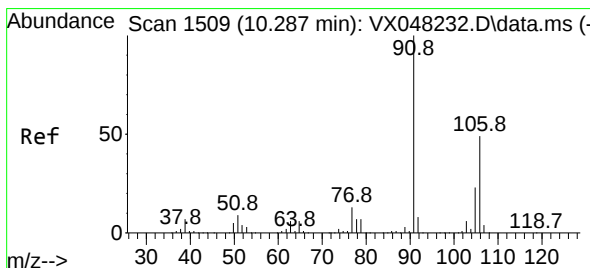
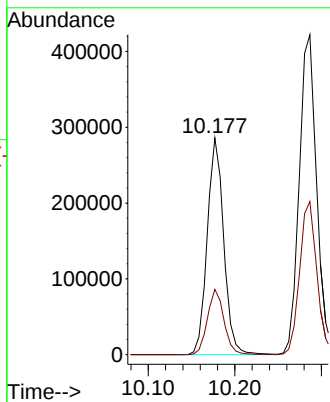
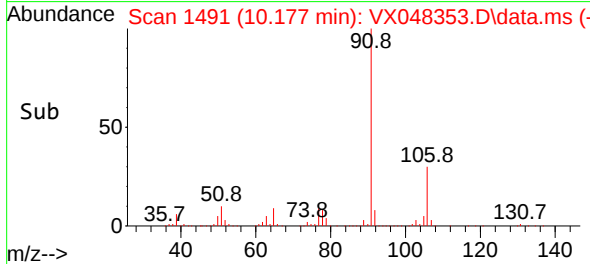
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



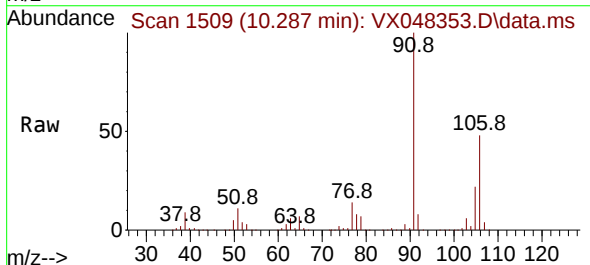
Tgt Ion: 91 Resp: 37887
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

Manual Integrations
APPROVED

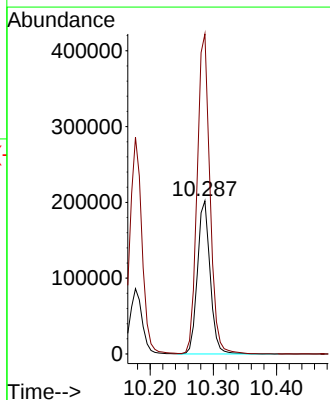
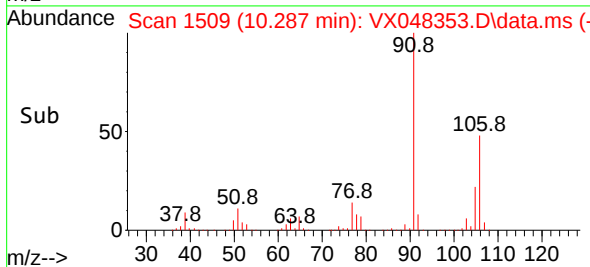
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

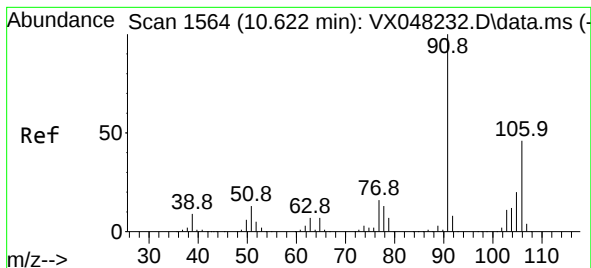


#68
m/p-Xylenes
Concen: 98.351 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



Tgt Ion:106 Resp: 282564
Ion Ratio Lower Upper
106 100
91 210.6 167.9 251.9





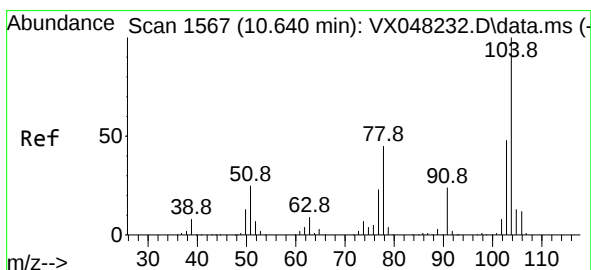
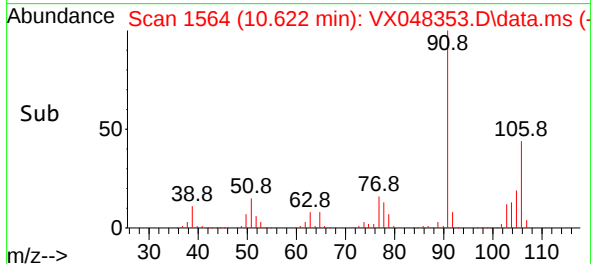
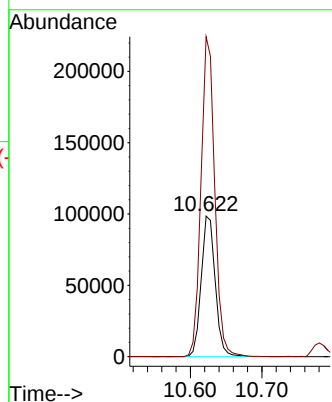
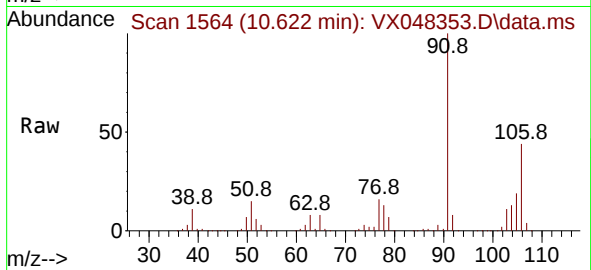
#69
o-Xylene
Concen: 48.426 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 134320
Ion Ratio Lower Upper
106 100
91 223.0 111.3 333.9

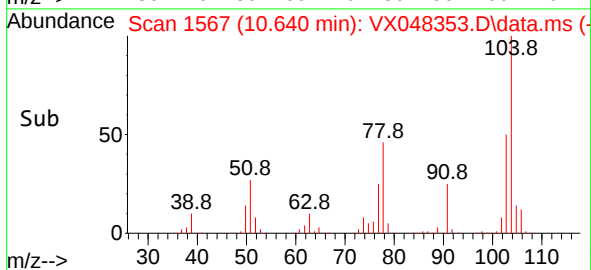
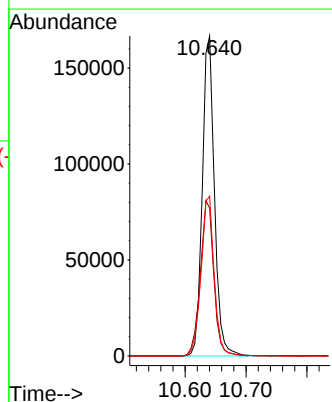
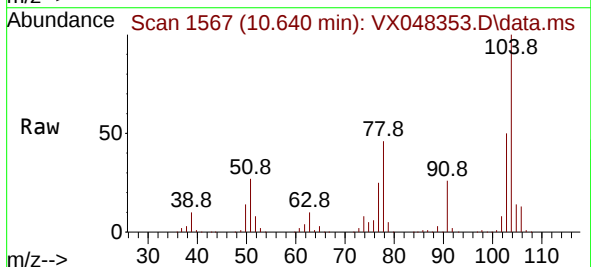
Manual Integrations
APPROVED

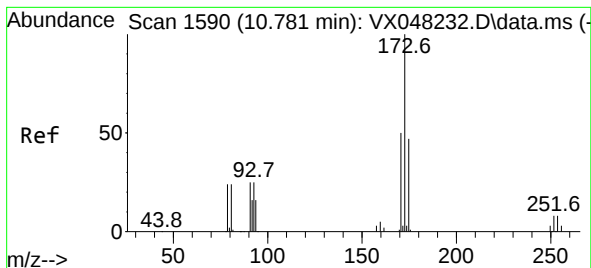
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 49.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

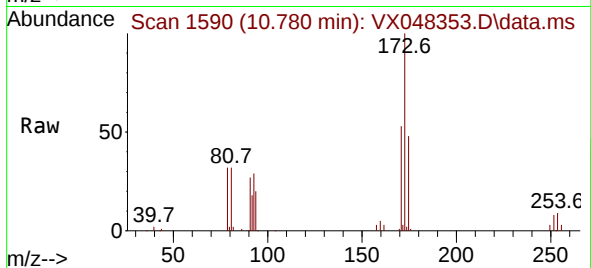
Tgt Ion:104 Resp: 231504
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.1 43.0 64.4





#71
Bromoform
Concen: 39.641 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

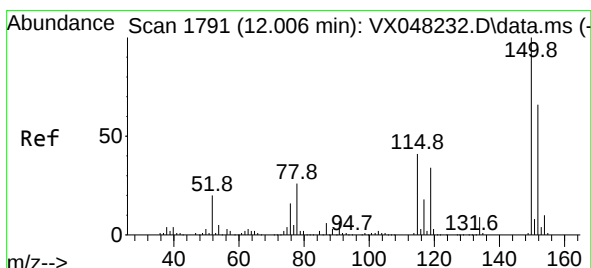
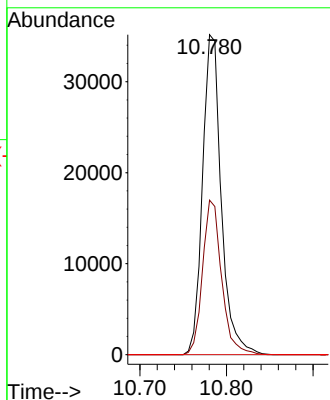
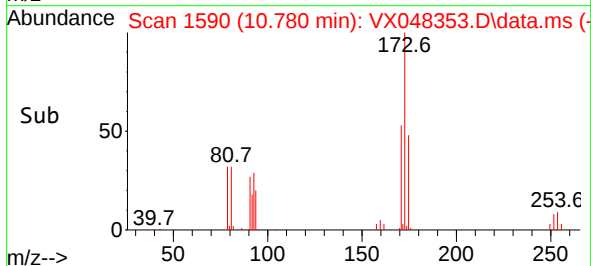
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



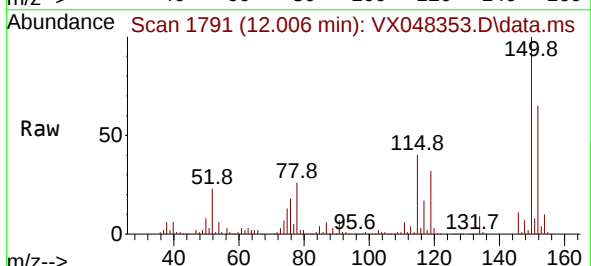
Tgt Ion:173 Resp: 5285
Ion Ratio Lower Upper
173 100
175 49.1 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

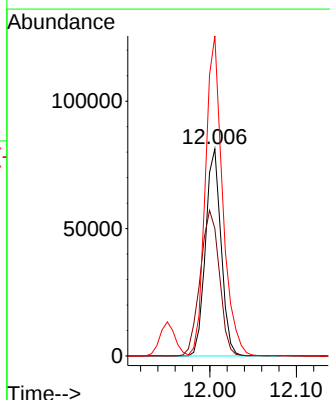
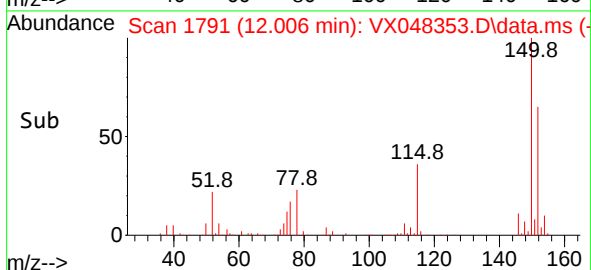
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

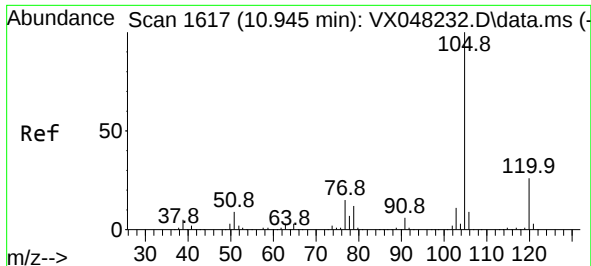


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



Tgt Ion:152 Resp: 101580
Ion Ratio Lower Upper
152 100
115 86.7 43.1 129.4
150 170.0 0.0 353.0





#73
Isopropylbenzene
Concen: 48.486 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

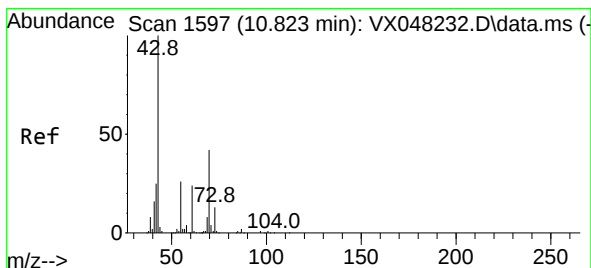
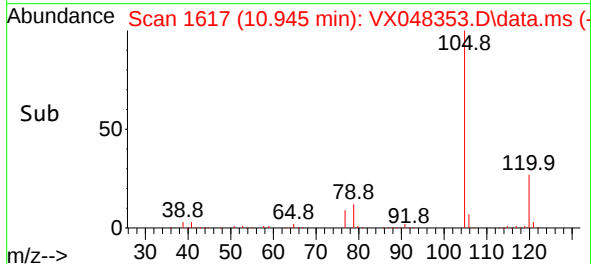
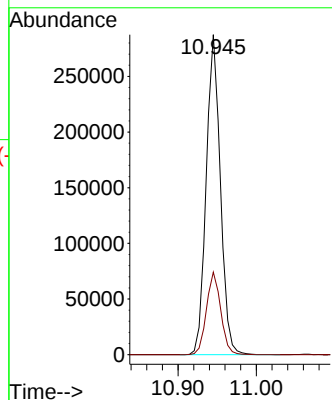
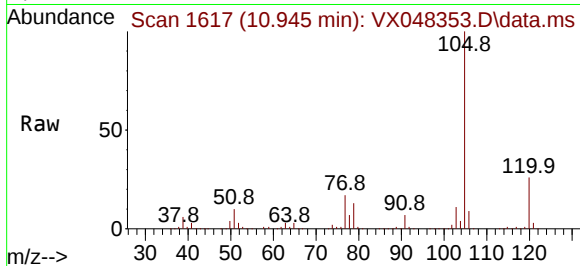
VSTDCCC050EC

Tgt Ion:105 Resp: 359740
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations

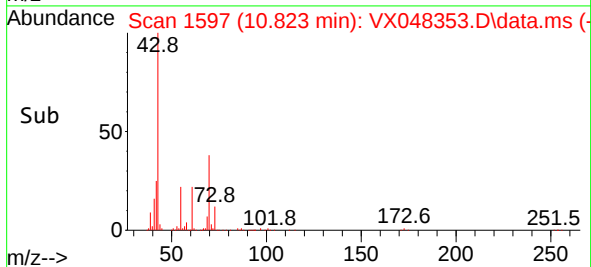
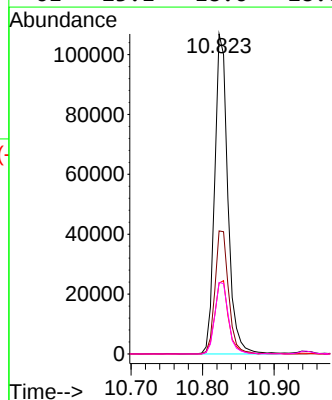
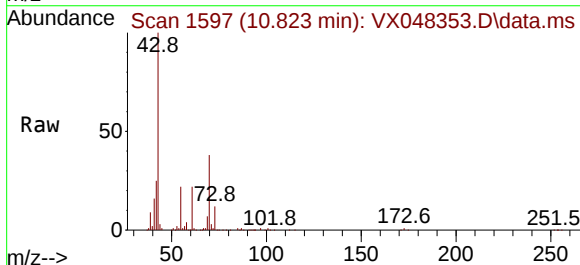
APPROVED

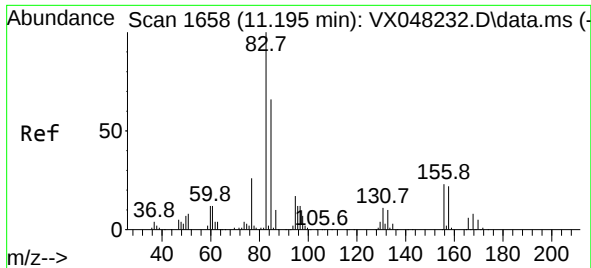
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 51.949 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 43 Resp: 136716
Ion Ratio Lower Upper
43 100
70 39.9 32.2 48.2
55 23.5 19.1 28.7
61 23.1 18.6 28.0





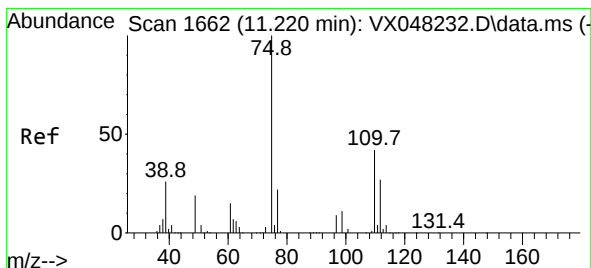
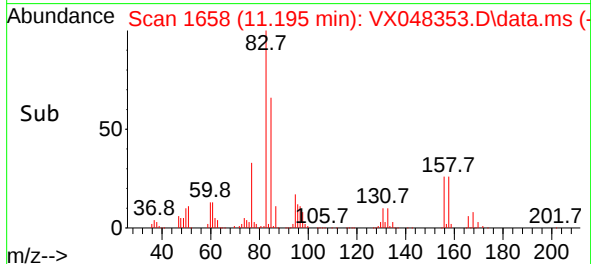
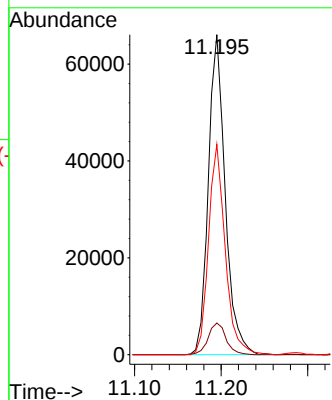
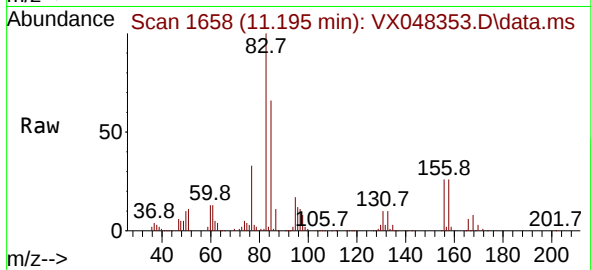
#75
1,1,2,2-Tetrachloroethane
Concen: 44.044 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 89239
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 65.1 31.9 95.7

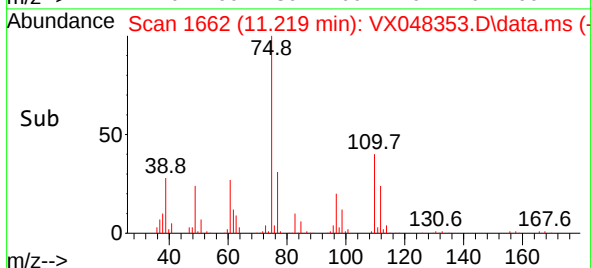
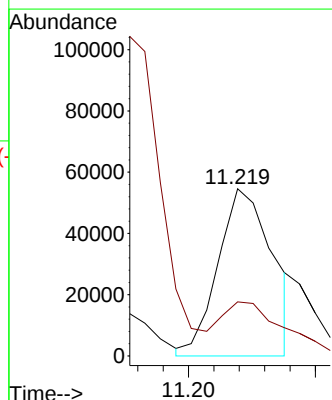
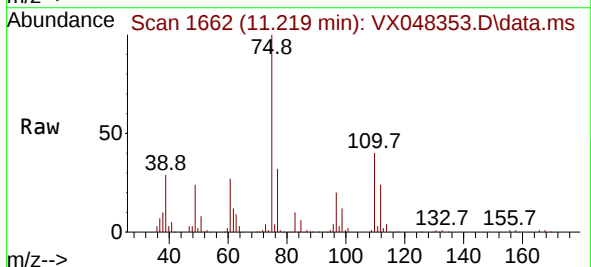
Manual Integrations
APPROVED

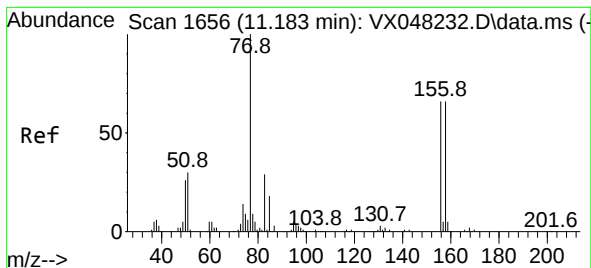
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 49.393 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Tgt Ion: 75 Resp: 81364
Ion Ratio Lower Upper
75 100
77 37.2 22.4 67.2





#77

Bromobenzene

Concen: 45.528 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

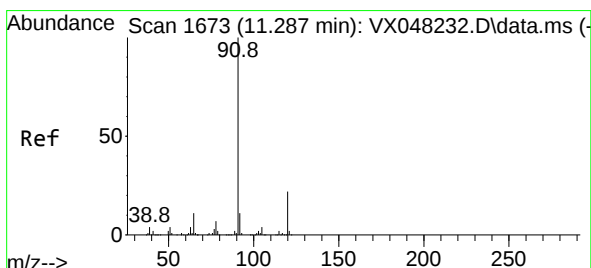
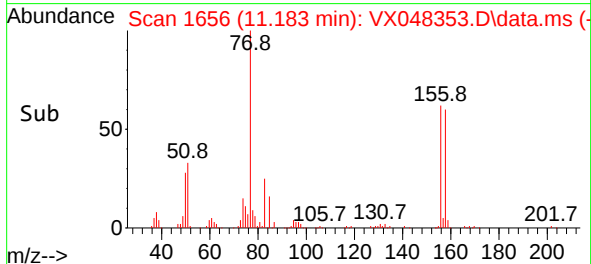
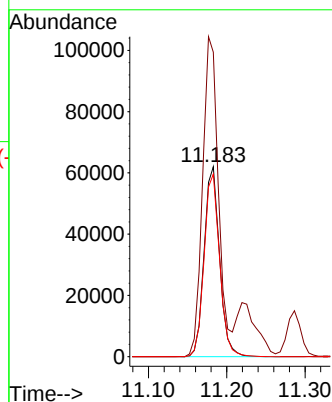
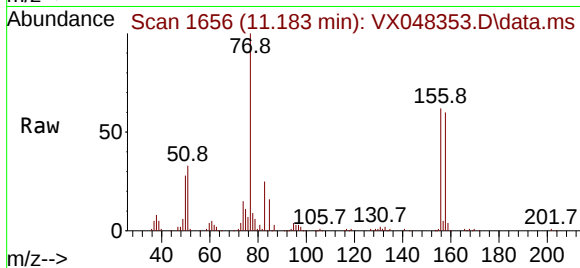
Tgt Ion:	156	Resp:	84698
Ion Ratio	Lower	Upper	
156	100		
77	173.4	87.0	261.0
158	97.0	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#78

n-propylbenzene

Concen: 50.437 ug/l

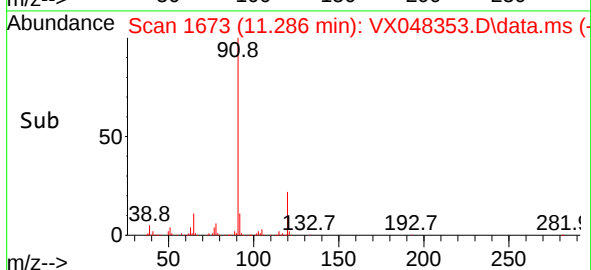
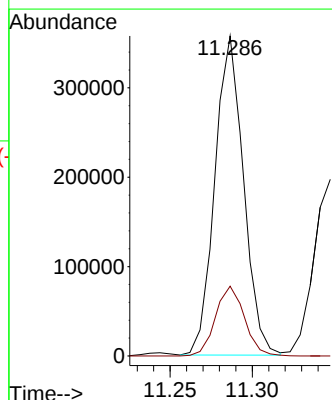
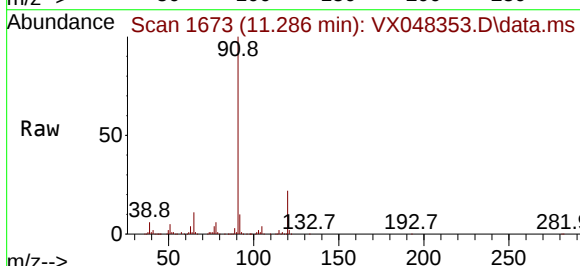
RT: 11.286 min Scan# 1673

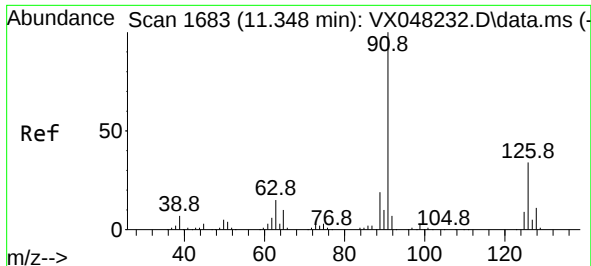
Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion:	91	Resp:	433271
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.1	33.1





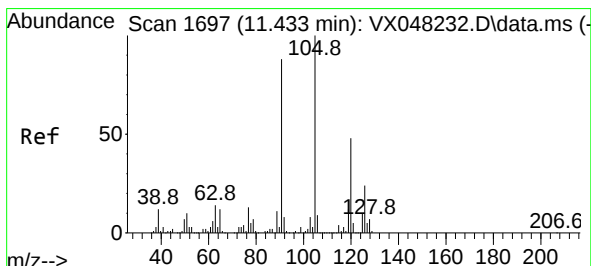
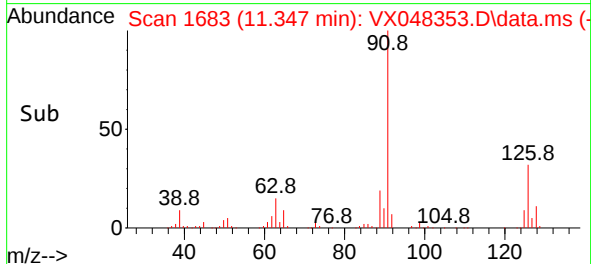
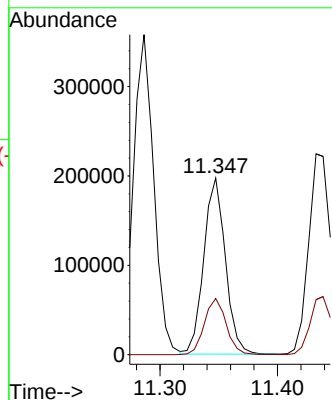
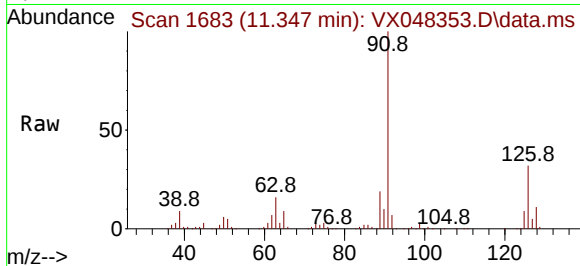
#79
2-Chlorotoluene
Concen: 48.357 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 251854
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4

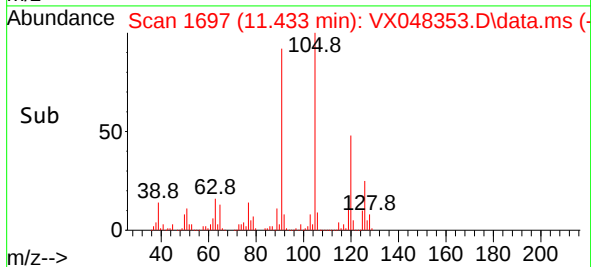
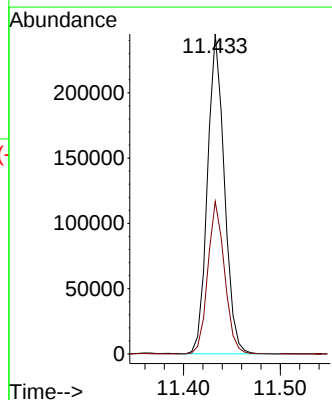
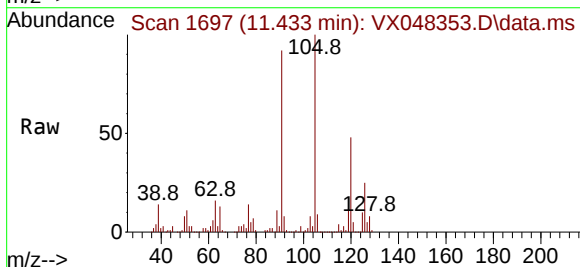
Manual Integrations
APPROVED

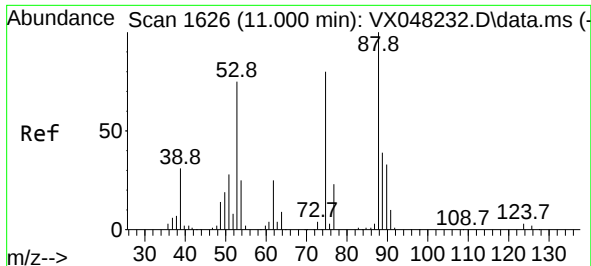
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.442 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

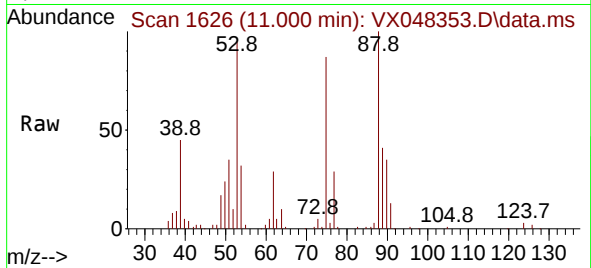
Tgt Ion:105 Resp: 297431
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 28.518 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

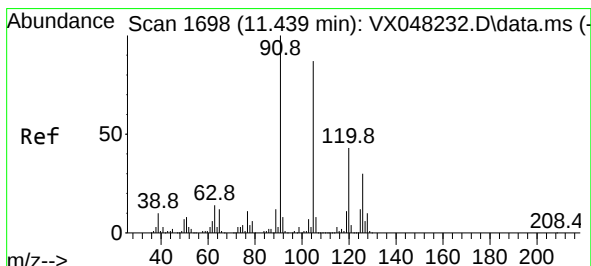
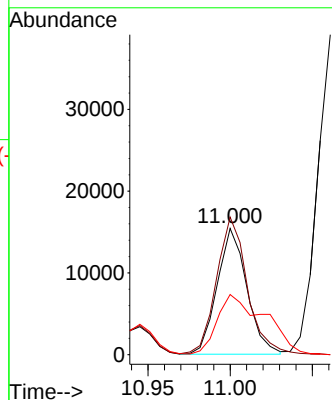
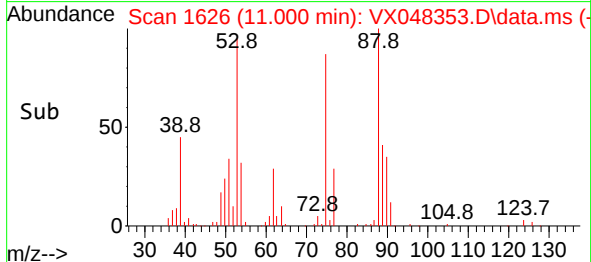
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



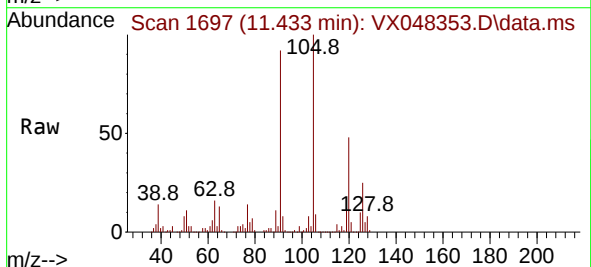
Tgt Ion: 75 Resp: 19309
Ion Ratio Lower Upper
75 100
53 114.4 79.5 119.3
89 77.5 36.8 55.2

Manual Integrations
APPROVED

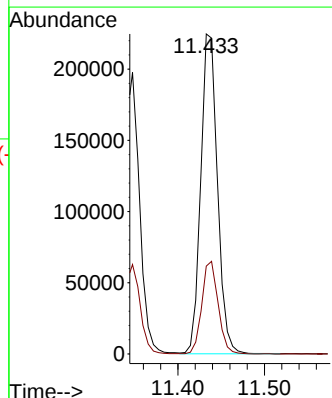
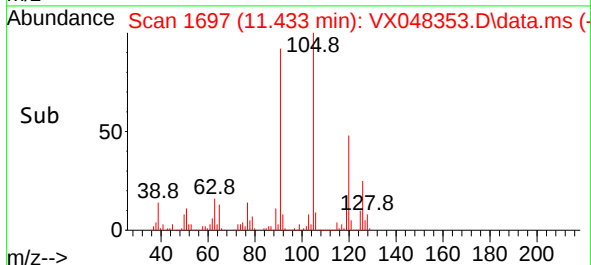
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

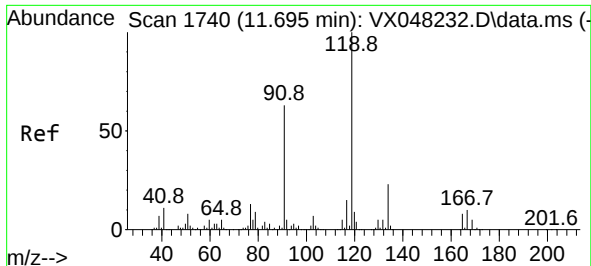


#82
4-Chlorotoluene
Concen: 48.674 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



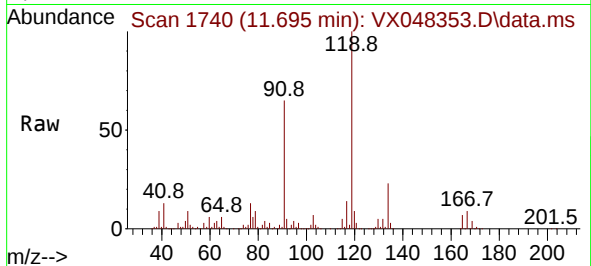
Tgt Ion: 91 Resp: 300933
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83
 tert-Butylbenzene
 Concen: 48.055 ug/l
 RT: 11.695 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

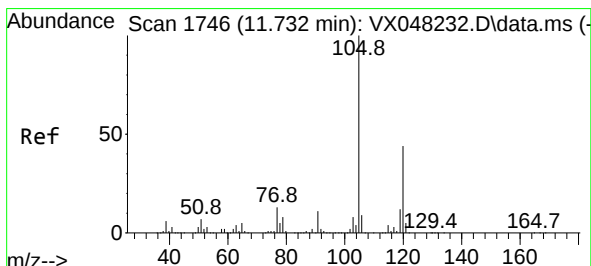
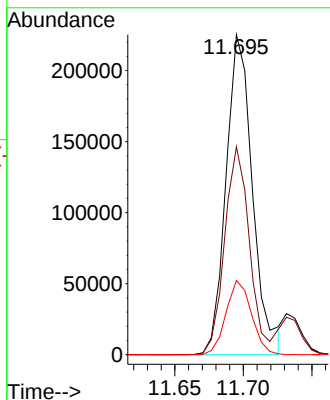
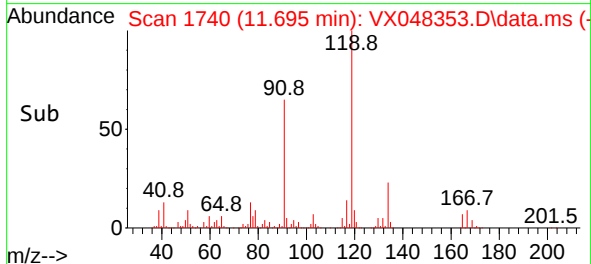
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



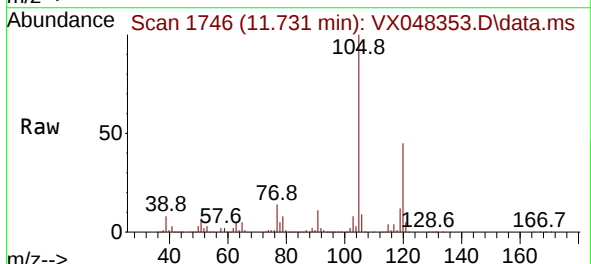
Tgt Ion:119 Resp: 30315
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.3 91.0
 134 22.3 11.4 34.2

Manual Integrations
 APPROVED

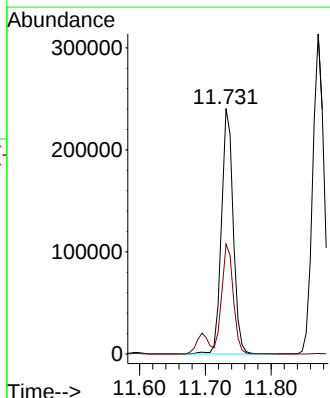
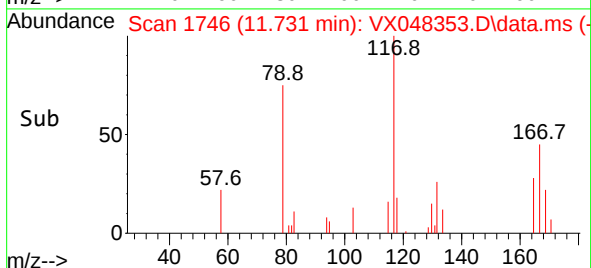
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025

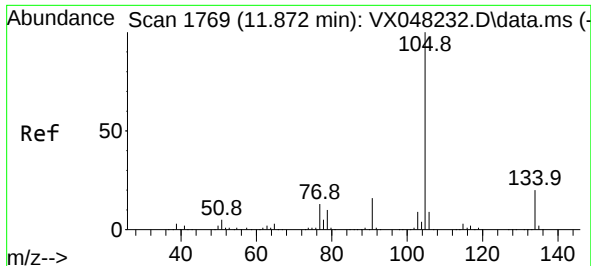


#84
 1,2,4-Trimethylbenzene
 Concen: 48.628 ug/l
 RT: 11.731 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49



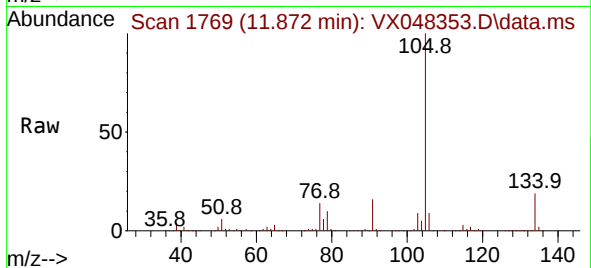
Tgt Ion:105 Resp: 297974
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 49.795 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49

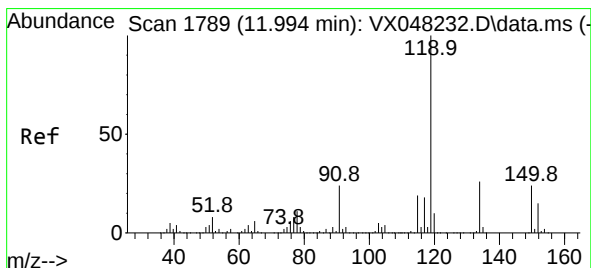
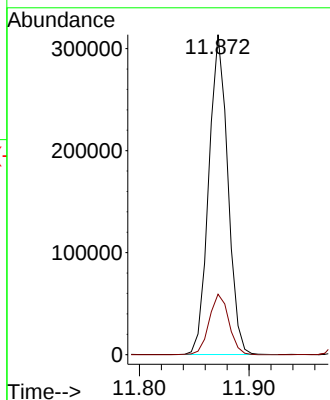
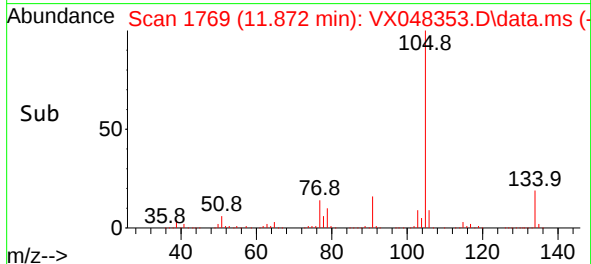
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



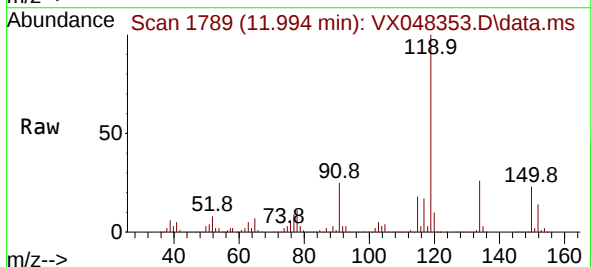
Tgt Ion:105 Resp: 37793
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

Manual Integrations
 APPROVED

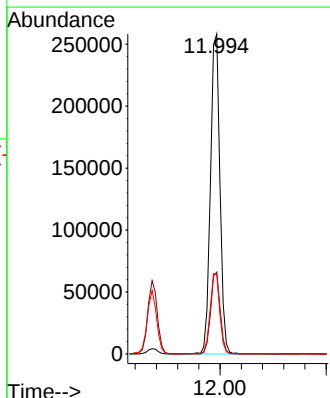
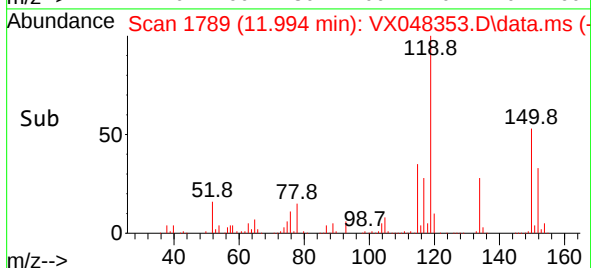
Reviewed By :John Carlone 10/27/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 48.680 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048353.D
 Acq: 24 Oct 2025 15:49



Tgt Ion:119 Resp: 319358
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 44.932 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 157580

Ion Ratio Lower Upper

146 100

111 43.3 20.4 61.2

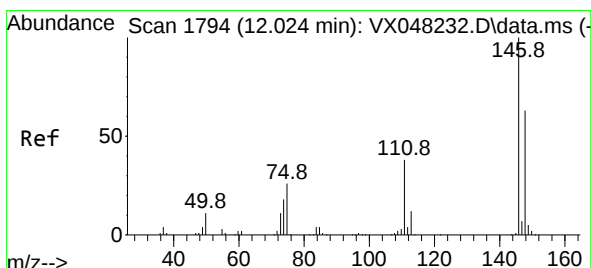
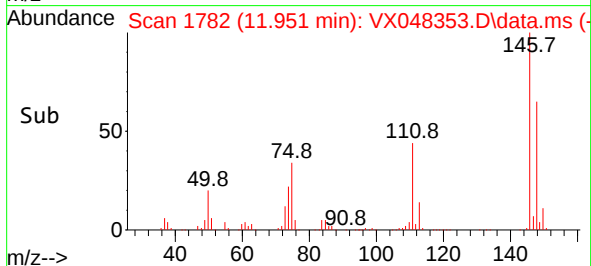
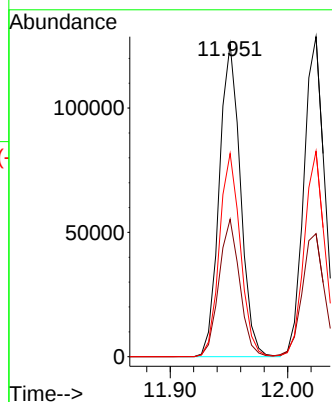
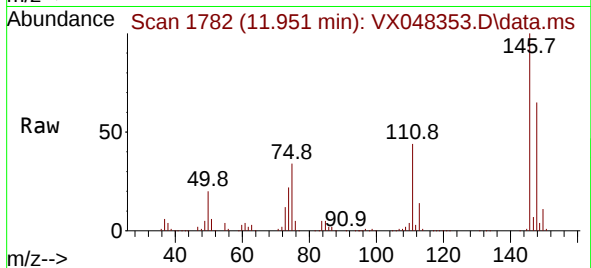
148 64.3 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 43.644 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

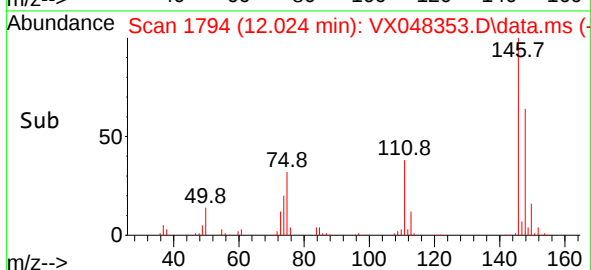
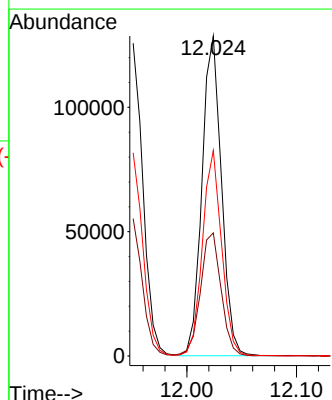
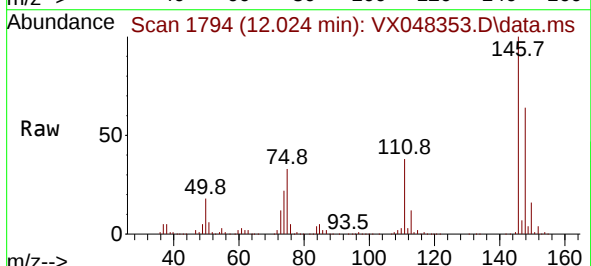
Tgt Ion:146 Resp: 158565

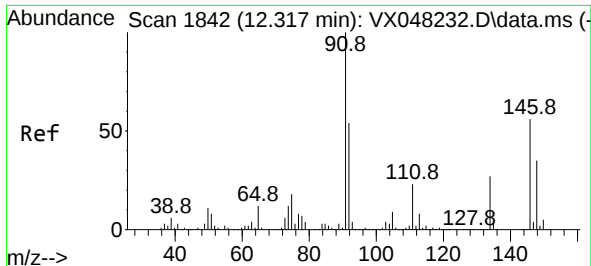
Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.2

148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 51.016 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 30462

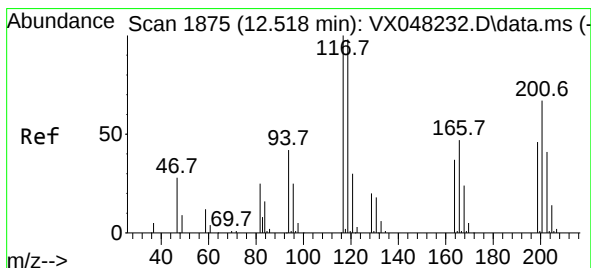
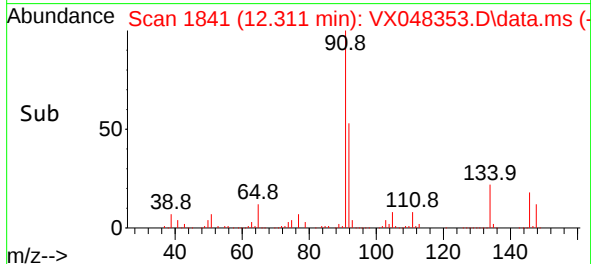
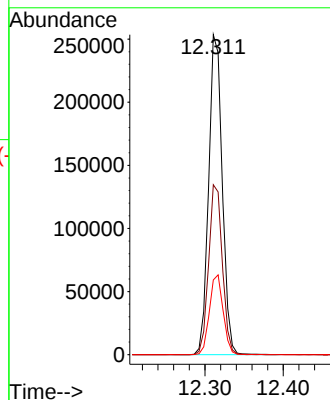
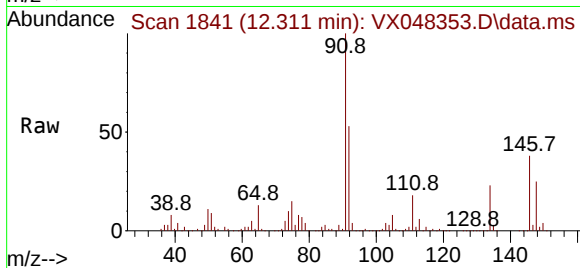
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.6
134	25.1	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 42.679 ug/l

RT: 12.518 min Scan# 1875

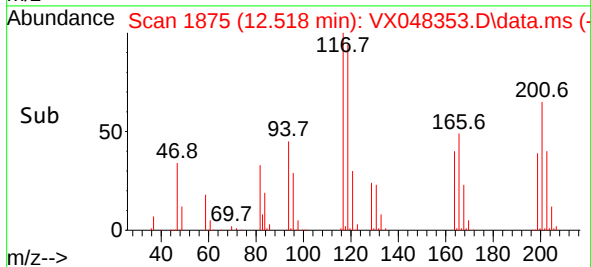
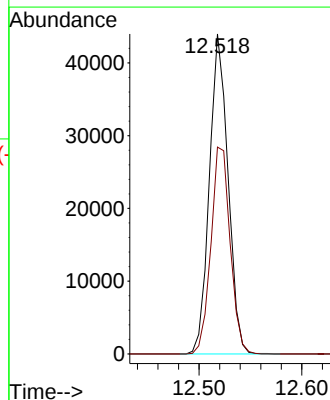
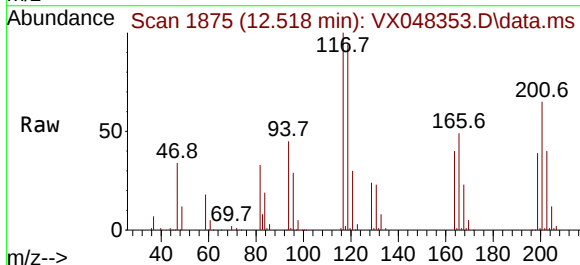
Delta R.T. -0.000 min

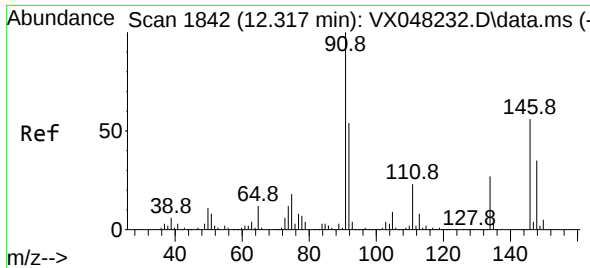
Lab File: VX048353.D

Acq: 24 Oct 2025 15:49

Tgt Ion:117 Resp: 55291

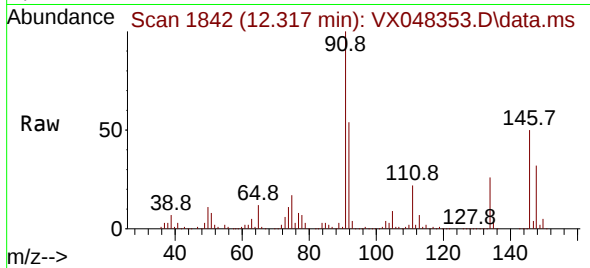
Ion	Ratio	Lower	Upper
117	100		
201	66.9	34.1	102.2





#91
1,2-Dichlorobenzene
Concen: 44.694 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

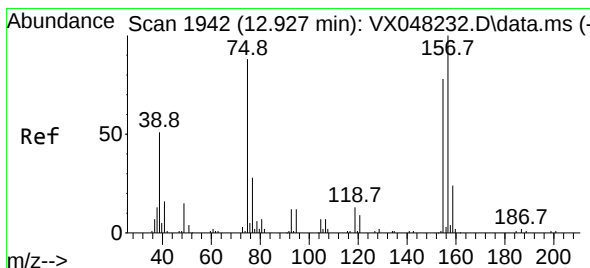
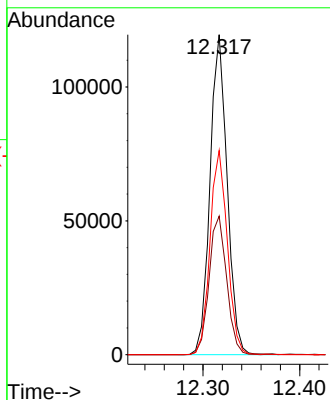
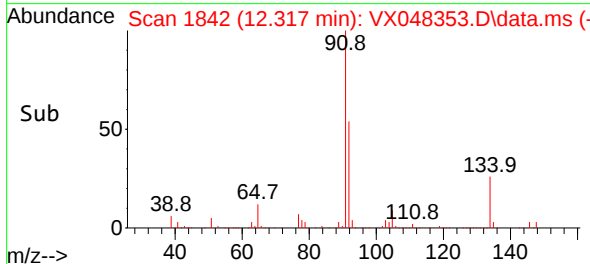
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



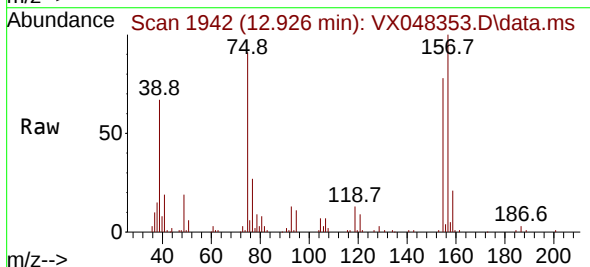
Tgt Ion:146 Resp: 14716
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 64.6 31.9 95.5

Manual Integrations
APPROVED

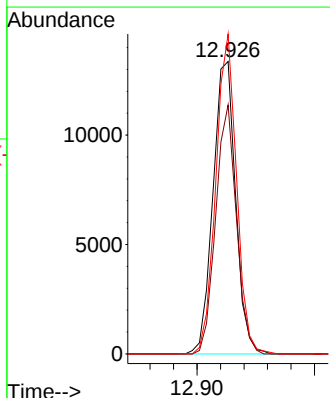
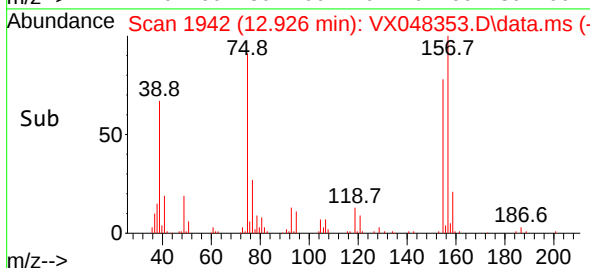
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.426 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



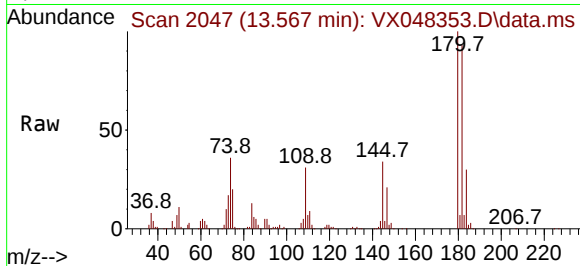
Tgt Ion: 75 Resp: 17860
Ion Ratio Lower Upper
75 100
155 78.1 42.8 128.4
157 100.2 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 45.654 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

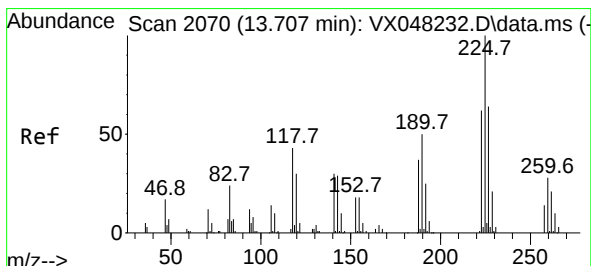
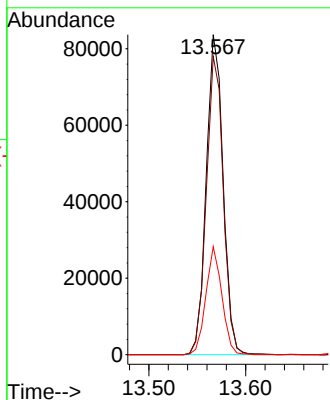
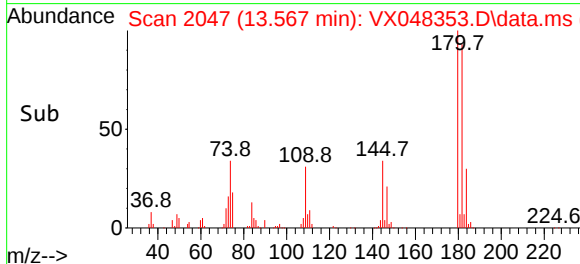
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



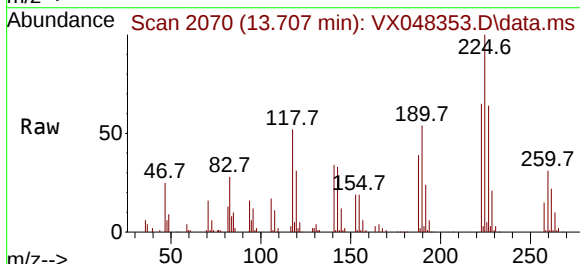
Tgt Ion:180 Resp: 10166
Ion Ratio Lower Upper
180 100
182 93.7 47.3 142.0
145 32.2 16.3 48.9

Manual Integrations
APPROVED

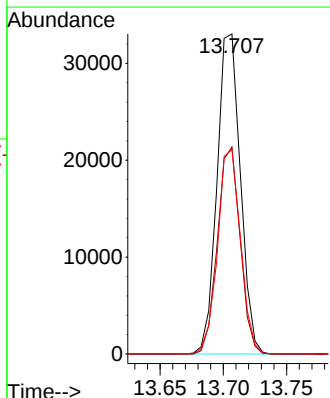
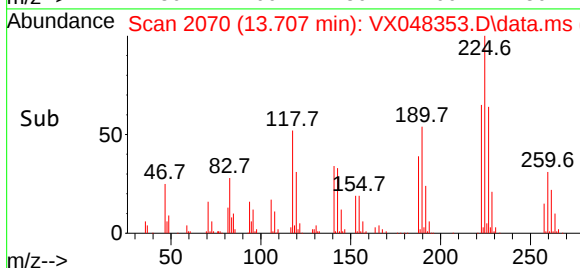
Reviewed By :John Carlone 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

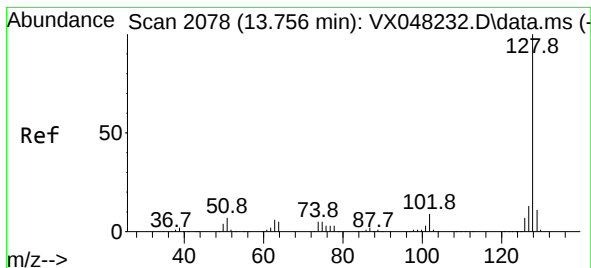


#94
Hexachlorobutadiene
Concen: 50.828 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



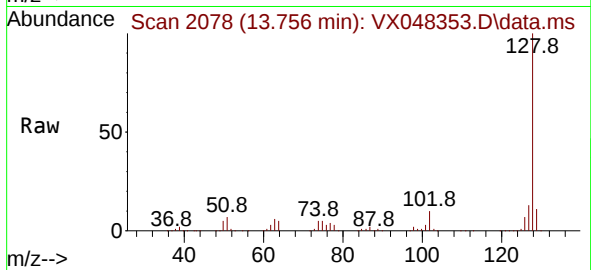
Tgt Ion:225 Resp: 42413
Ion Ratio Lower Upper
225 100
223 62.5 32.6 97.7
227 62.7 32.5 97.4





#95
Naphthalene
Concen: 44.472 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49

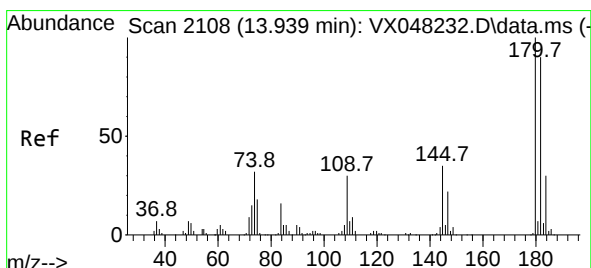
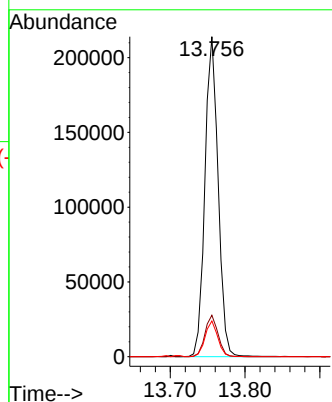
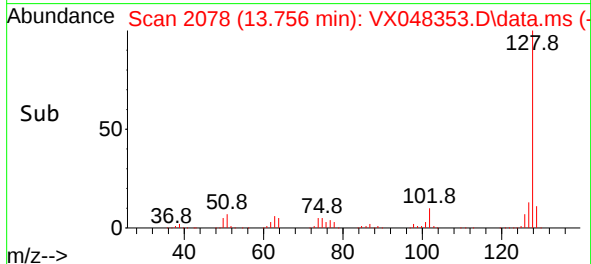
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



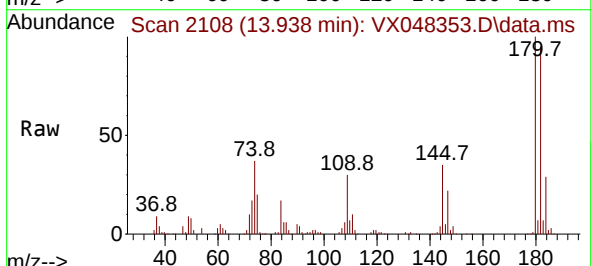
Tgt Ion:128 Resp: 262360
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 45.740 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048353.D
Acq: 24 Oct 2025 15:49



Tgt Ion:180 Resp: 93463
Ion Ratio Lower Upper
180 100
182 92.6 46.6 139.7
145 34.7 16.9 50.7

