

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048058.D
 Acq On : 07 Oct 2025 19:27
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100725

Quant Time: Oct 08 02:52:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:46:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/08/2025
 Supervised By : Mahesh Dadoda 10/09/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	24032m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.745	114	154088	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.037	117	143996	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.940	65	71316	29.809	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.367%		
60) 4-Bromofluorobenzene	11.067	95	70674	30.004	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.000%		
63) Toluene-d8	8.635	98	190122	29.629	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	37621	19.823	ug/l	97
3) Chloromethane	1.300	50	41340	19.915	ug/l	97
4) Vinyl Chloride	1.380	62	41548	19.930	ug/l	94
5) Bromomethane	1.624	94	26060	22.251	ug/l	99
6) Chloroethane	1.697	64	26901	20.361	ug/l	96
7) Trichlorofluoromethane	1.898	101	54430	18.616	ug/l	99
8) Diethyl Ether	2.136	74	21639	19.025	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	30817	19.552	ug/l	96
10) 1,1-Dichloroethene	2.331	96	30908	18.278	ug/l	99
11) Methyl Iodide	2.459	142	39593m	17.929	ug/l	
12) Methyl Acetate	2.703	43	40289	19.741	ug/l	98
13) Acrolein	2.239	56	24000	70.116	ug/l	100
14) Acrylonitrile	3.062	53	94673	99.147	ug/l	97
15) Acetone	2.380	58	22010	97.436	ug/l	88
16) Carbon Disulfide	2.520	76	108249	20.599	ug/l	99
17) Allyl chloride	2.666	41	62392	19.988	ug/l	97
18) Methylene Chloride	2.788	84	41695	20.203	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	36935	20.674	ug/l	94
20) Diisopropyl ether	3.751	45	134761	20.738	ug/l	97
21) 1,1-Dichloroethane	3.605	63	70386	19.885	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	41859	19.219	ug/l #	88
23) tert-Butyl Alcohol	2.947	59	22585	96.736	ug/l	100
24) Methyl tert-Butyl Ether	3.111	73	121238	20.435	ug/l	99
25) Chloroform	5.086	83	73663	20.610	ug/l	98
26) Cyclohexane	5.464	56	57166	20.548	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	48199	20.768	ug/l	82
30) 2-Butanone	4.550	43	114193	99.673	ug/l #	96
31) 2,2-Dichloropropane	4.471	77	49150	19.283	ug/l #	91
32) 1,1,1-Trichloroethane	5.373	97	62020	20.750	ug/l	99
33) Carbon Tetrachloride	5.672	117	42821m	18.574	ug/l	
34) Benzene	6.025	78	152232	20.237	ug/l	94
35) Methacrylonitrile	4.903	41	26259	19.449	ug/l	95
36) 1,2-Dichloroethane	6.074	62	57689m	20.583	ug/l	
37) Trichloroethene	7.117	130	35974	19.983	ug/l	97
38) Methylcyclohexane	7.366	83	53105	19.991	ug/l	98
39) 1,2-Dichloropropane	7.415	63	39524	20.591	ug/l	90
40) Dibromomethane	7.568	93	25792	18.750	ug/l #	89
41) Bromodichloromethane	7.805	83	58475	20.129	ug/l	99
42) Vinyl Acetate	3.715	43	546127	100.892	ug/l	100

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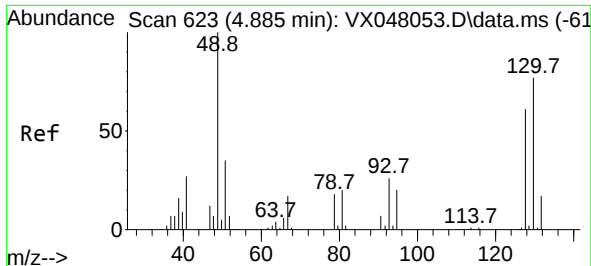
Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/08/2025
 Supervised By : Mahesh Dadoda 10/09/2025

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 QLast Update : Wed Oct 08 02:46:46 2025
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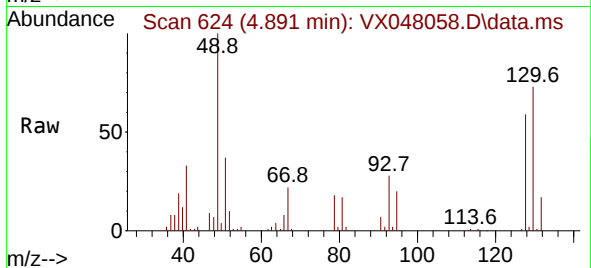
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	46259	18.912	ug/l	99
44) Isopropyl Acetate	6.324	43	83258	20.018	ug/l	100
45) 1,4-Dioxane	7.647	88	9851	394.267	ug/l	94
46) Methyl methacrylate	7.677	41	41700	19.994	ug/l	94
47) n-amyl Acetate	10.829	43	72971	20.630	ug/l	100
48) t-1,3-Dichloropropene	8.964	75	57298	20.184	ug/l	97
49) cis-1,3-Dichloropropene	8.354	75	62438	20.428	ug/l	98
50) 1,1,2-Trichloroethane	9.134	97	37939	21.012	ug/l	98
51) Ethyl methacrylate	9.104	69	56077	20.455	ug/l	94
52) 1,3-Dichloropropane	9.293	76	65452	20.911	ug/l	99
53) Dibromochloromethane	9.506	129	25889m	14.506	ug/l	
54) 1,2-Dibromoethane	9.592	107	40326	21.798	ug/l	97
55) 2-Chloroethyl vinyl ether	8.226	63	121235	87.317	ug/l	98
56) Bromoform	10.774	173	136	7.350	ug/l #	1
58) 4-Methyl-2-Pentanone	8.561	43	251970	101.220	ug/l	98
59) 2-Hexanone	9.415	43	173000	100.600	ug/l	99
61) Tetrachloroethene	9.256	164	30457	20.759	ug/l	93
62) Toluene	8.708	91	161714	20.200	ug/l	100
64) Chlorobenzene	10.061	112	105726	20.584	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.146	131	34413	19.497	ug/l #	82
66) Ethyl Benzene	10.177	91	176385	20.292	ug/l	98
67) m/p-Xylenes	10.287	106	136021	41.372	ug/l	100
68) o-Xylene	10.628	106	64068	20.496	ug/l	99
69) Styrene	10.640	104	112504	20.540	ug/l	99
70) Isopropylbenzene	10.945	105	164881	20.652	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.195	83	53080	21.105	ug/l	98
72) 1,2,3-Trichloropropane	11.219	75	46217m	21.209	ug/l	
73) Bromobenzene	11.183	156	42157	20.701	ug/l	95
74) n-propylbenzene	11.286	91	197329	20.434	ug/l	100
75) 2-Chlorotoluene	11.347	91	123551	20.833	ug/l	100
76) 1,3,5-Trimethylbenzene	11.433	105	137993	20.796	ug/l	99
77) t-1,4-Dichloro-2-butene	11.000	75	15037	19.658	ug/l	94
78) 4-Chlorotoluene	11.439	91	142592	20.541	ug/l	99
79) tert-butylbenzene	11.695	119	132686	20.515	ug/l	99
80) 1,2,4-Trimethylbenzene	11.732	105	138276	20.865	ug/l	99
81) sec-Butylbenzene	11.872	105	164953	20.869	ug/l	100
82) p-Isopropyltoluene	11.994	119	138491	21.122	ug/l	100
83) 1,3-Dichlorobenzene	11.951	146	76439	20.600	ug/l	100
84) 1,4-Dichlorobenzene	12.024	146	78259	20.909	ug/l	97
85) n-Butylbenzene	12.317	91	125614	20.686	ug/l	99
86) Hexachloroethane	12.518	117	23511	22.403	ug/l	83
87) 1,2-Dichlorobenzene	12.317	146	74205	20.869	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.926	75	9731	19.787	ug/l	98
89) 1,2,4-Trichlorobenzene	13.567	180	43887	20.405	ug/l	96
90) Hexachlorobutadiene	13.707	225	13851	29.338	ug/l #	56
91) Naphthalene	13.756	128	135218	20.118	ug/l	99
92) 1,2,3-Trichlorobenzene	13.945	180	43507	20.788	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

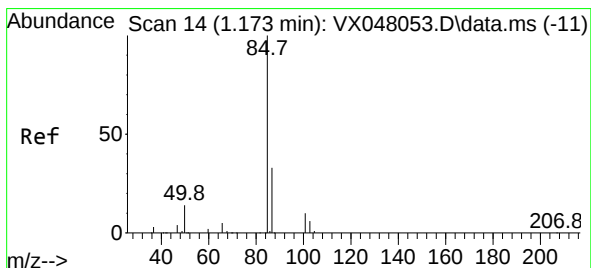
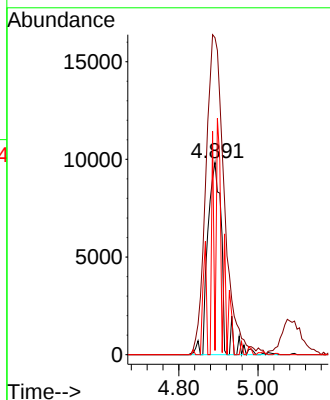
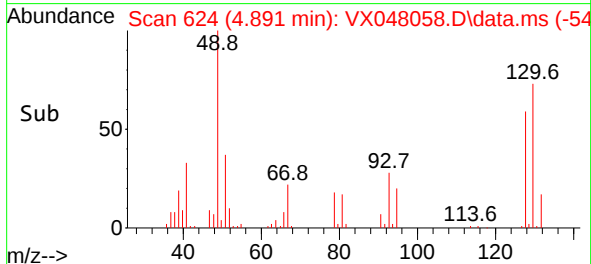
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:128 Resp: 2403
Ion Ratio Lower Upper
128 100
49 0.0 0.0 601.2
130 33.7 0.0 286.0

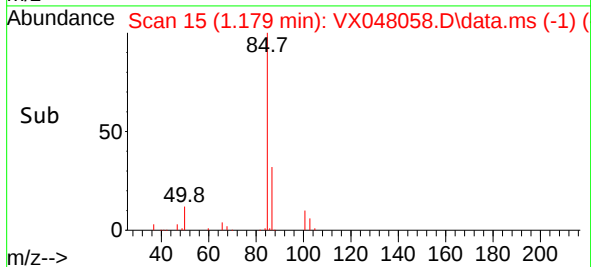
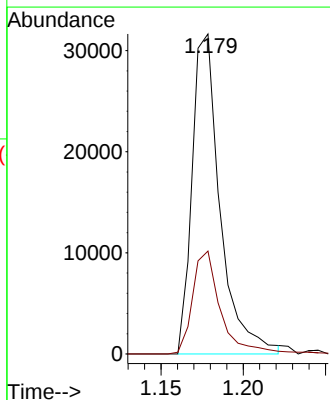
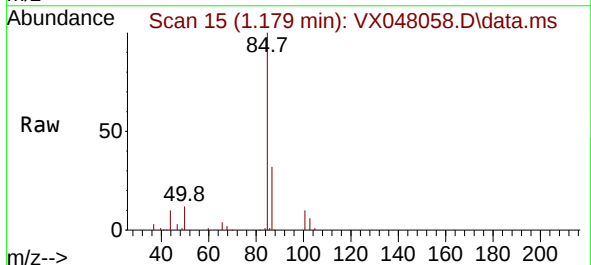
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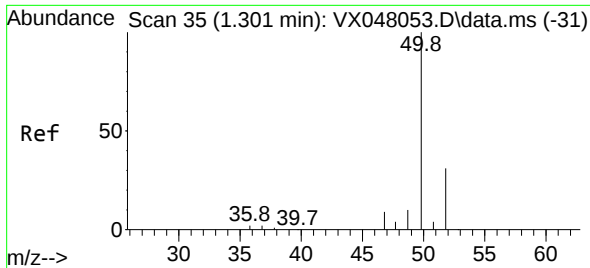
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#2
Dichlorodifluoromethane
Concen: 19.823 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

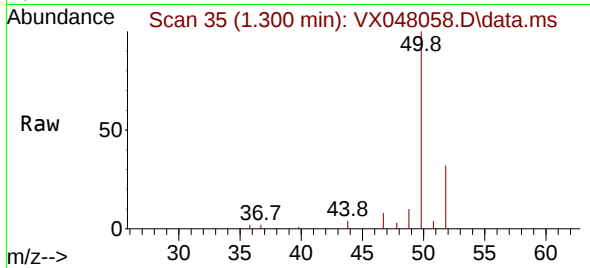
Tgt Ion: 85 Resp: 37621
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 19.915 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

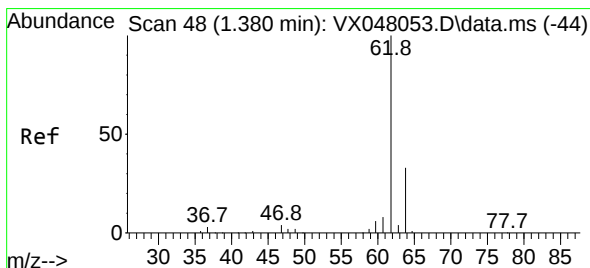
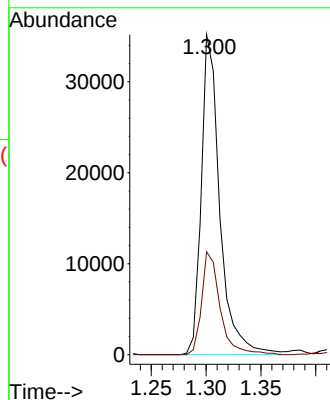
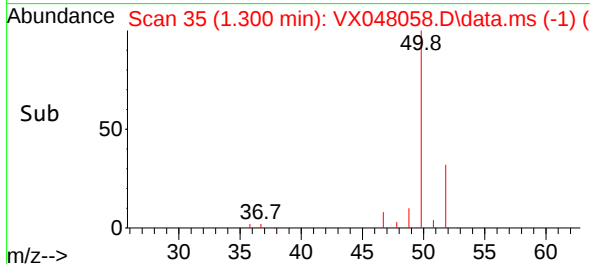
Instrument : MSVOA_X
ClientSampleId : ICVVX100725



Tgt Ion: 50 Resp: 41340
Ion Ratio Lower Upper
50 100
52 32.6 24.9 37.3

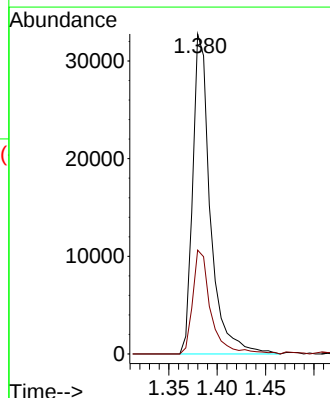
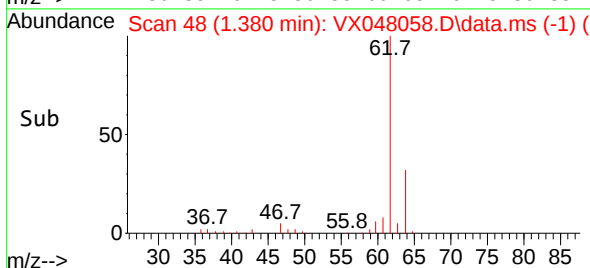
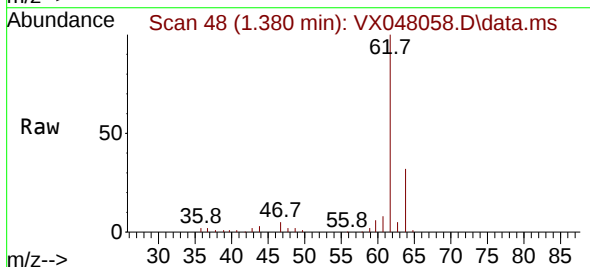
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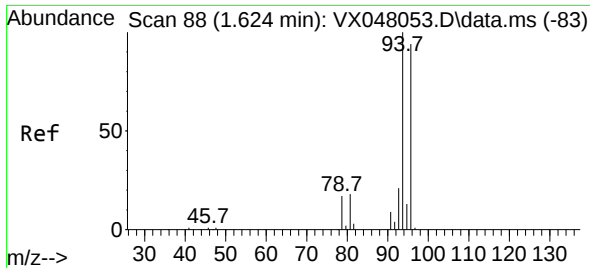
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#4
Vinyl Chloride
Concen: 19.930 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

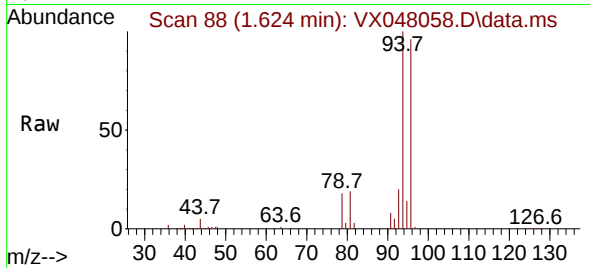
Tgt Ion: 62 Resp: 41548
Ion Ratio Lower Upper
62 100
64 30.9 27.4 41.2





#5
Bromomethane
Concen: 22.251 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

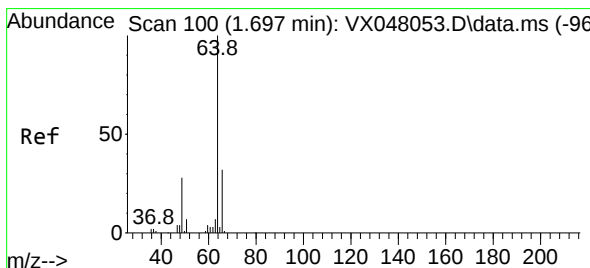
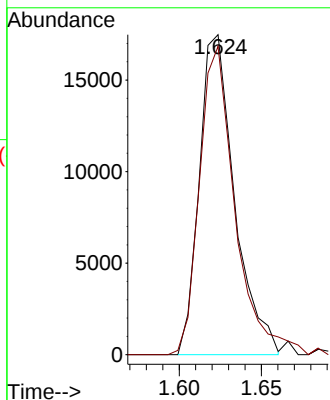
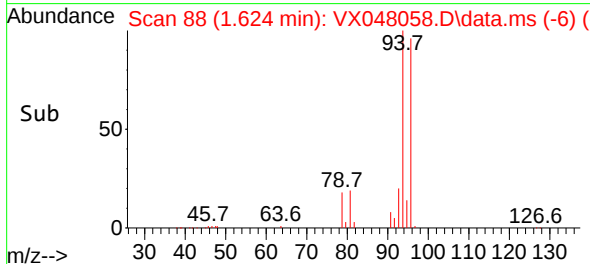
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2606
Ion Ratio Lower Upper
94 100
96 83.9 67.8 101.6

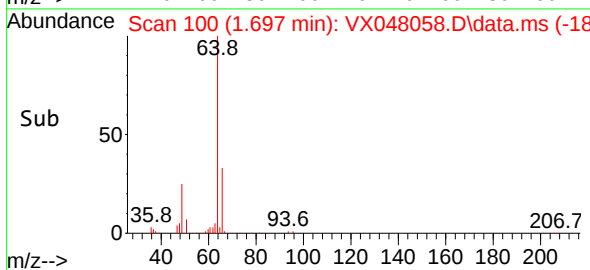
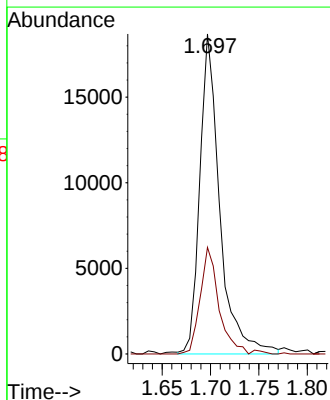
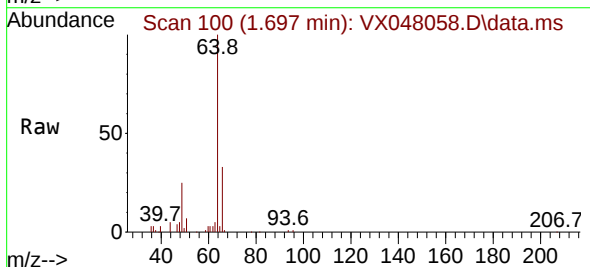
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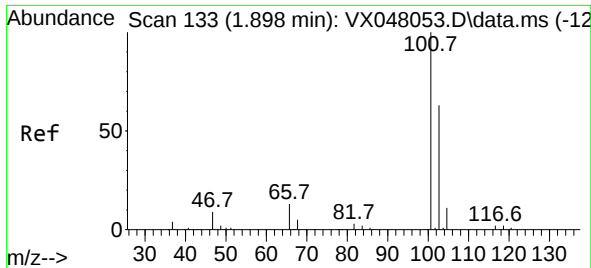
Reviewed By :John Carlone 10/08/2025
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#6
Chloroethane
Concen: 20.361 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

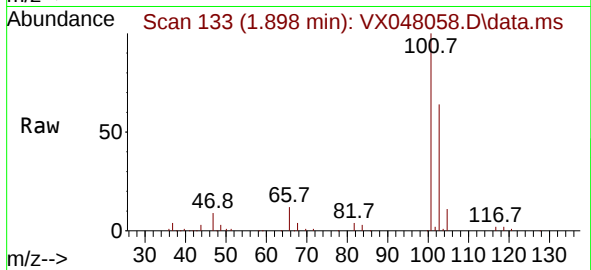
Tgt Ion: 64 Resp: 26901
Ion Ratio Lower Upper
64 100
66 33.1 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 18.616 ug/l
 RT: 1.898 min Scan# 133
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

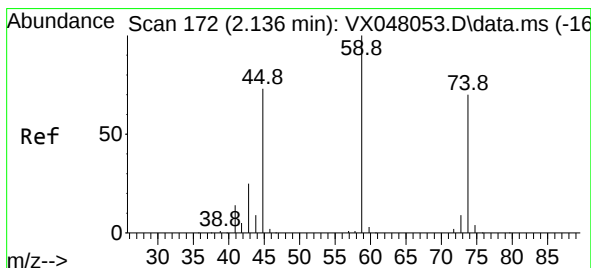
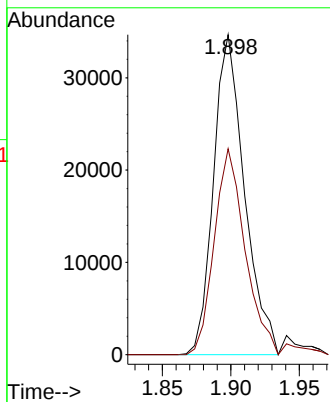
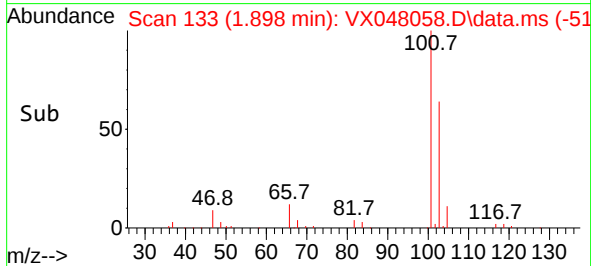
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Tgt Ion:101 Resp: 54430
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0

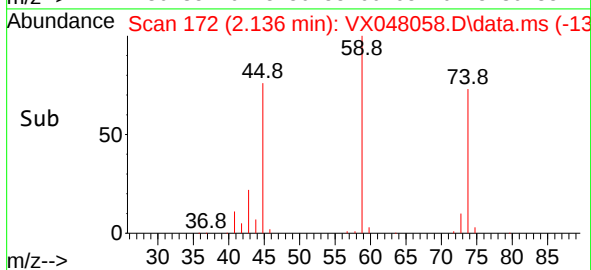
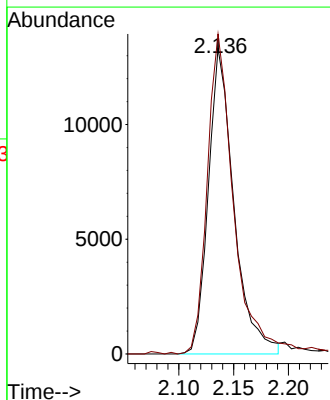
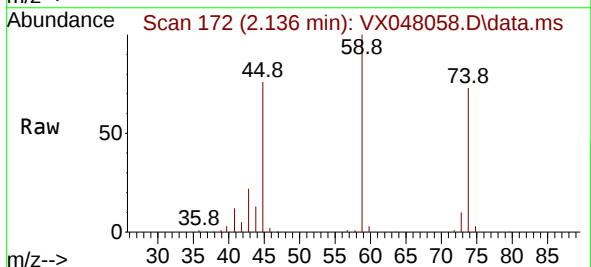
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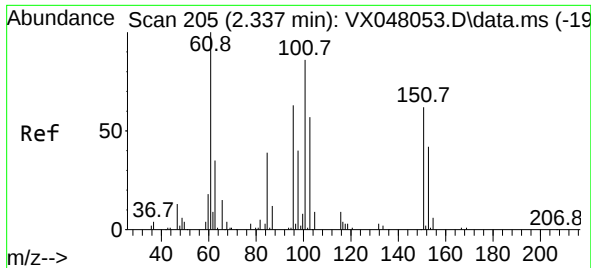
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025



#8
 Diethyl Ether
 Concen: 19.025 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

Tgt Ion: 74 Resp: 21639
 Ion Ratio Lower Upper
 74 100
 45 108.0 20.8 187.2





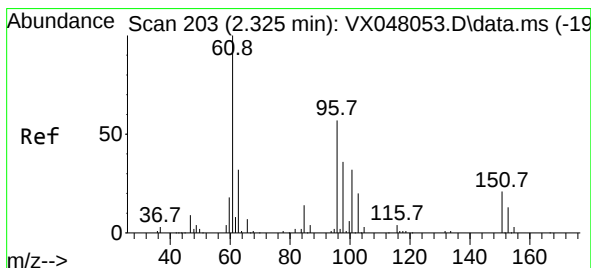
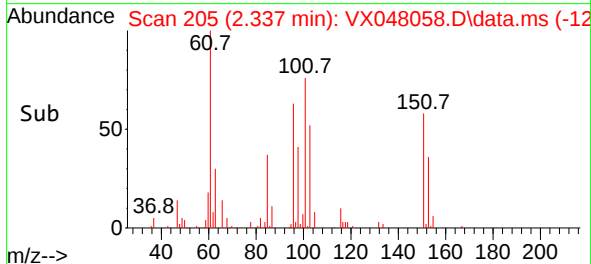
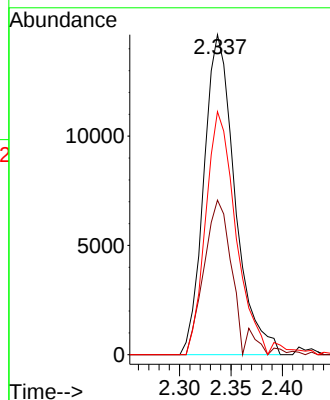
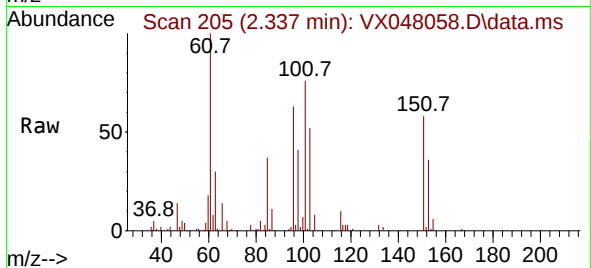
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.552 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725

Tgt Ion:101 Resp: 3081
Ion Ratio Lower Upper
101 100
85 41.2 0.0 88.2
151 73.3 0.0 141.0

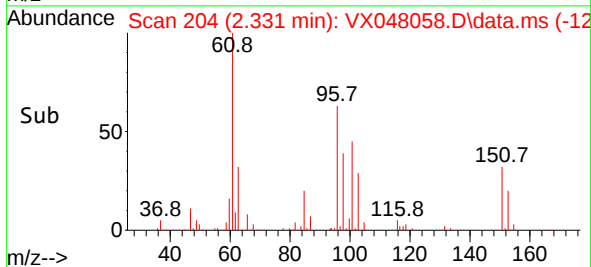
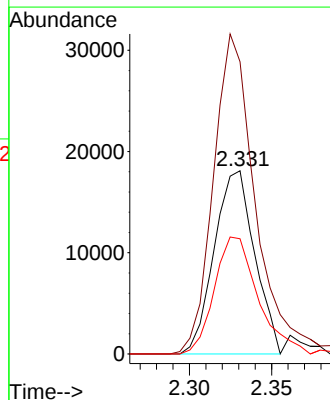
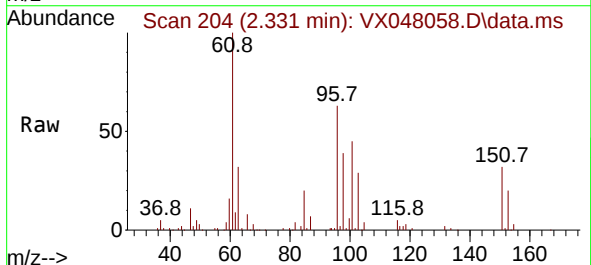
Manual Integrations
APPROVED

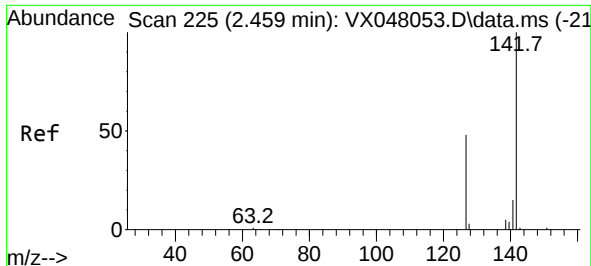
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#10
1,1-Dichloroethene
Concen: 18.278 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

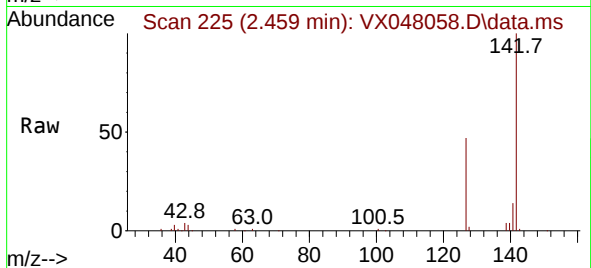
Tgt Ion: 96 Resp: 30908
Ion Ratio Lower Upper
96 100
61 166.2 133.4 200.2
98 62.7 49.8 74.6





#11
Methyl Iodide
Concen: 17.929 ug/l m
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

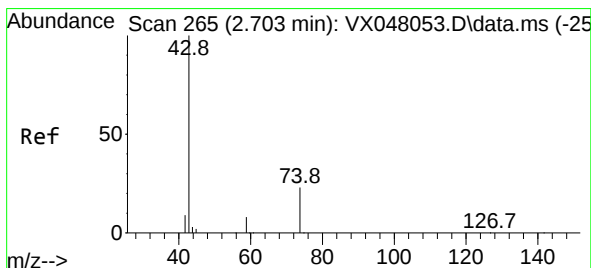
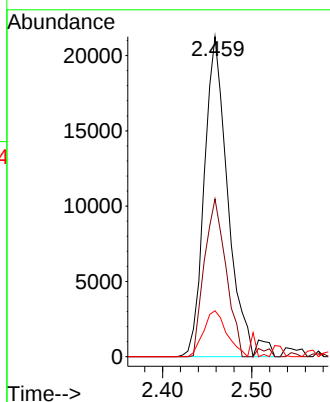
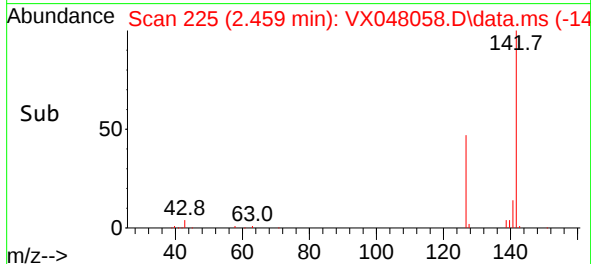
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:142 Resp: 3959
Ion Ratio Lower Upper
142 100
127 46.9 24.1 72.4
141 14.3 7.2 21.7

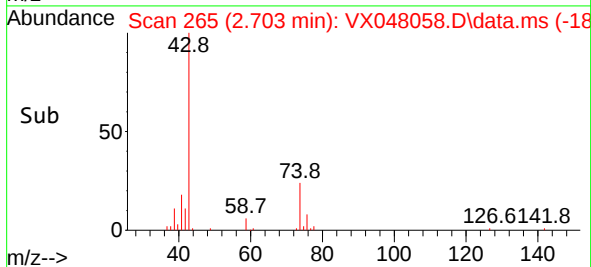
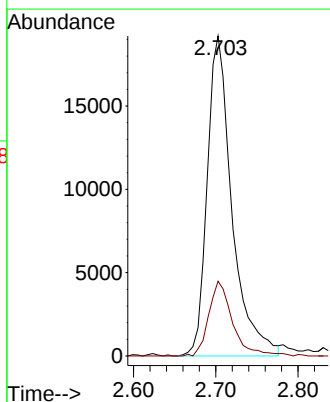
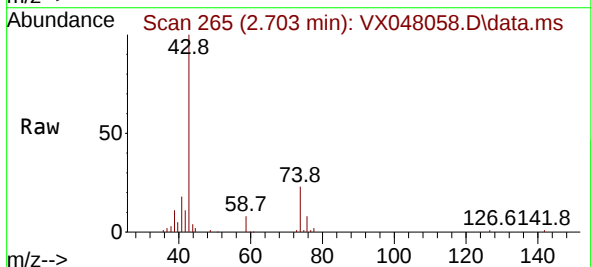
Manual Integrations
APPROVED

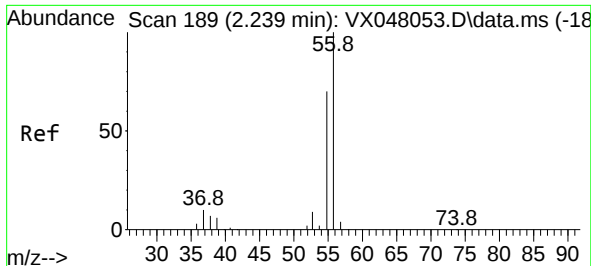
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#12
Methyl Acetate
Concen: 19.741 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

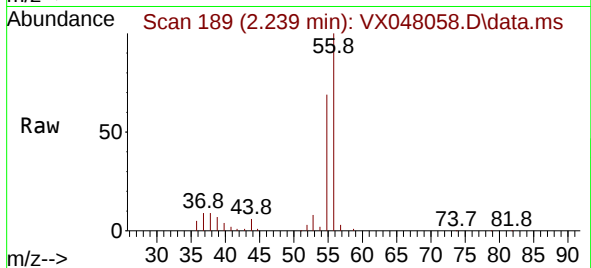
Tgt Ion: 43 Resp: 40289
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4





#13
Acrolein
Concen: 70.116 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

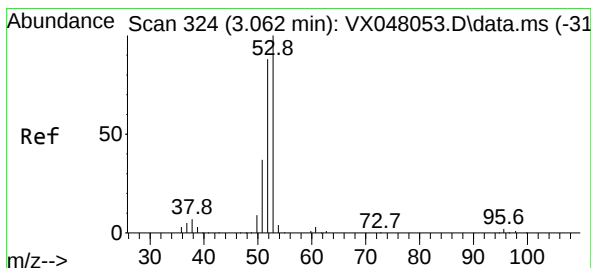
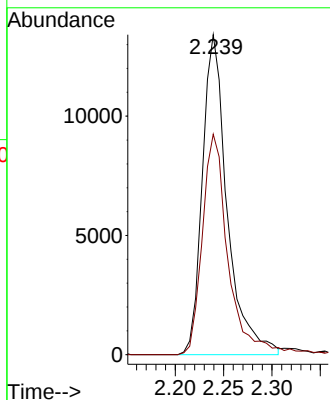
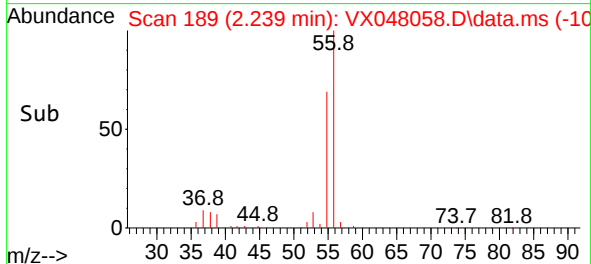
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 56 Resp: 24000
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.6

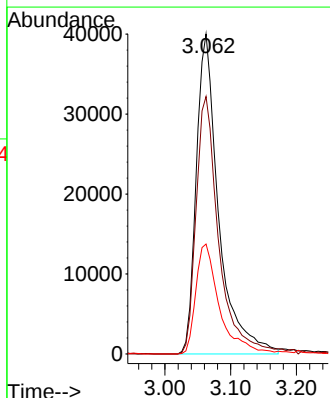
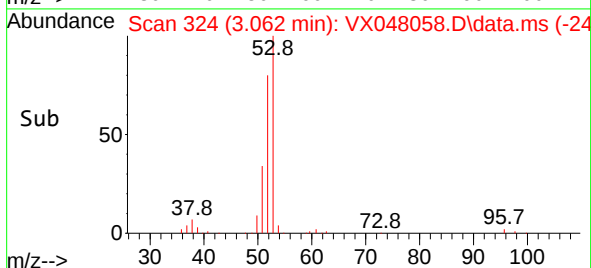
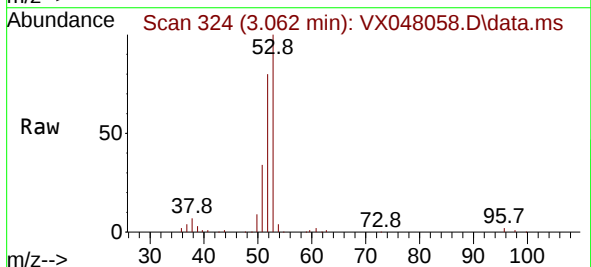
Manual Integrations
APPROVED

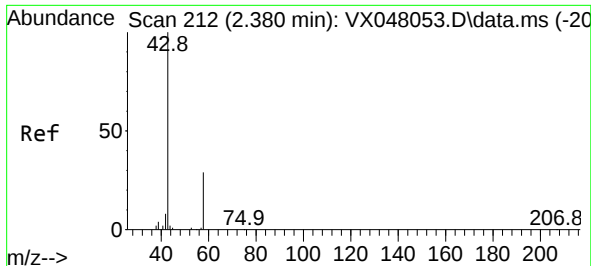
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#14
Acrylonitrile
Concen: 99.147 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

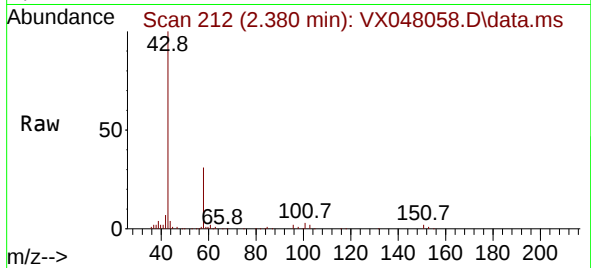
Tgt Ion: 53 Resp: 94673
Ion Ratio Lower Upper
53 100
52 80.7 41.8 125.3
51 36.3 18.6 56.0





#15
Acetone
Concen: 97.436 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

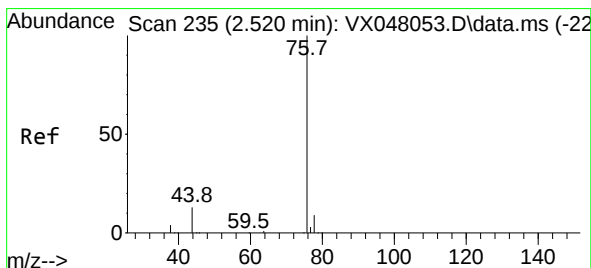
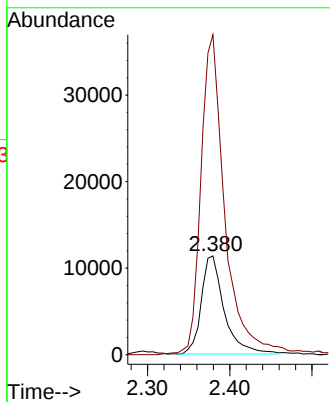
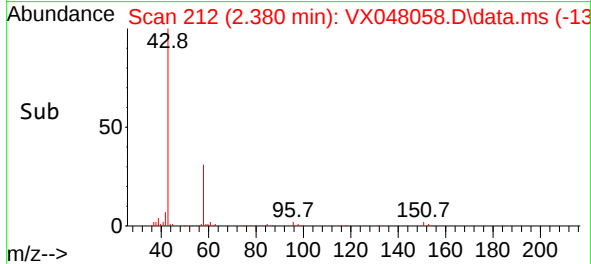
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 58 Resp: 22010
Ion Ratio Lower Upper
58 100
43 324.4 280.7 421.1

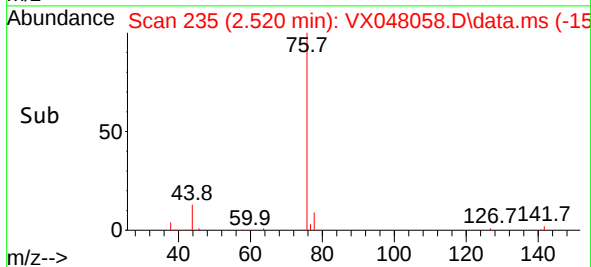
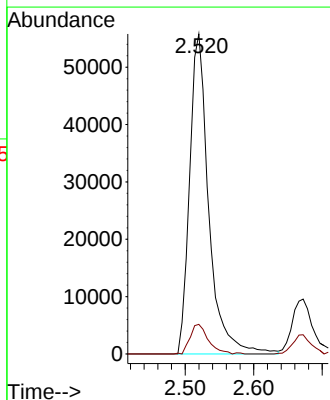
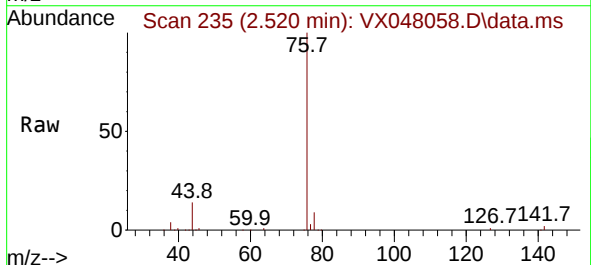
Manual Integrations
APPROVED

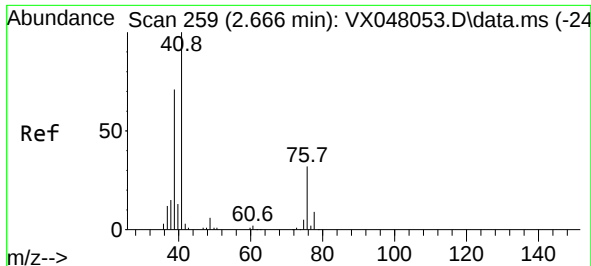
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#16
Carbon Disulfide
Concen: 20.599 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

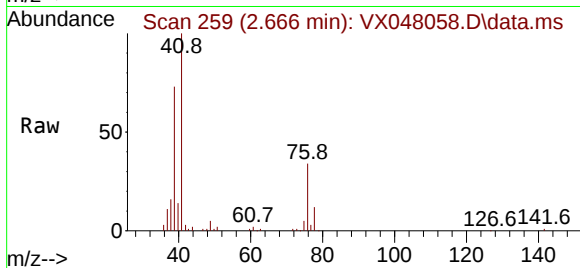
Tgt Ion: 76 Resp: 108249
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#17
 Allyl chloride
 Concen: 19.988 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

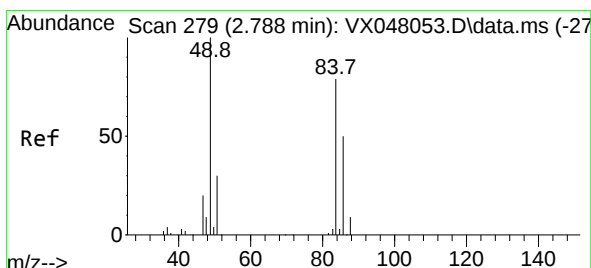
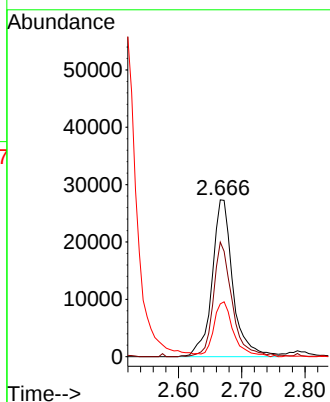
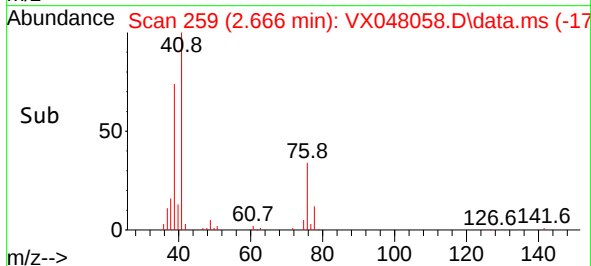
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100725



Tgt Ion: 41 Resp: 62392
 Ion Ratio Lower Upper
 41 100
 39 73.1 35.0 105.1
 76 36.2 17.8 53.5

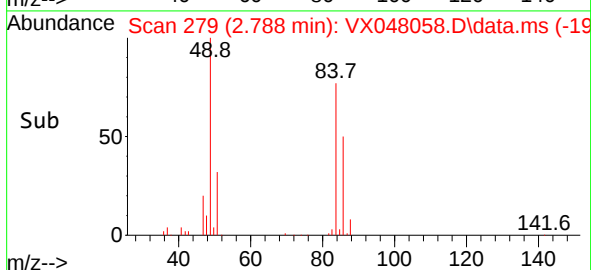
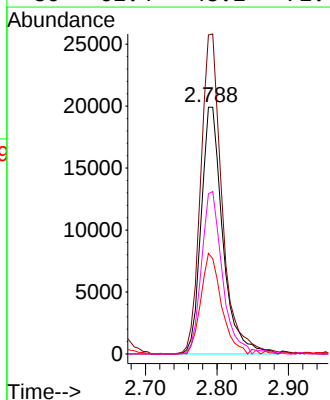
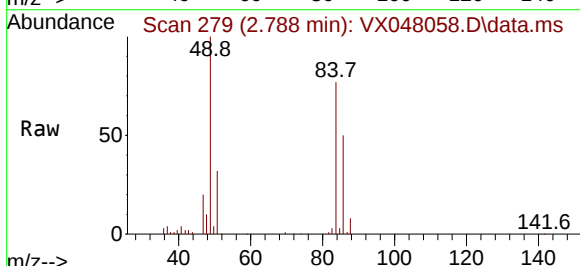
Manual Integrations
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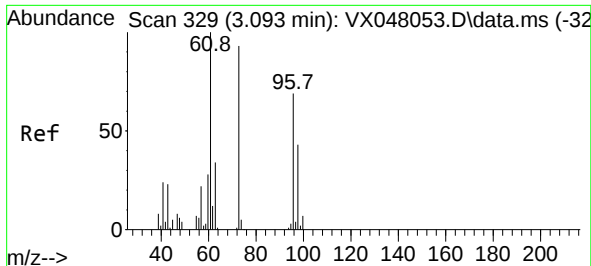
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025



#18
 Methylene Chloride
 Concen: 20.203 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

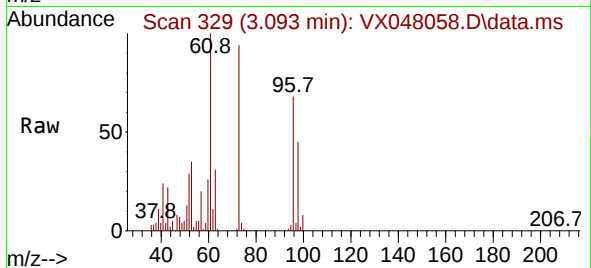
Tgt Ion: 84 Resp: 41695
 Ion Ratio Lower Upper
 84 100
 49 129.0 100.9 151.3
 51 39.2 30.2 45.2
 86 62.4 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 20.674 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

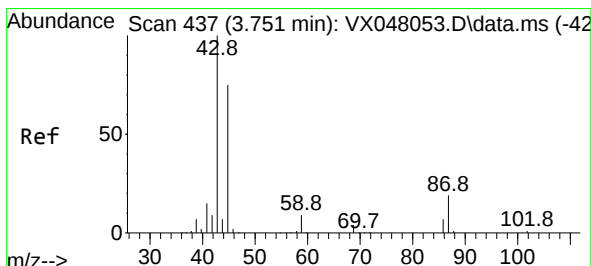
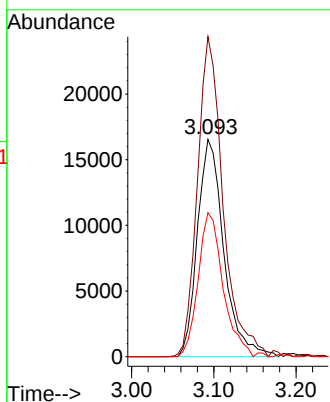
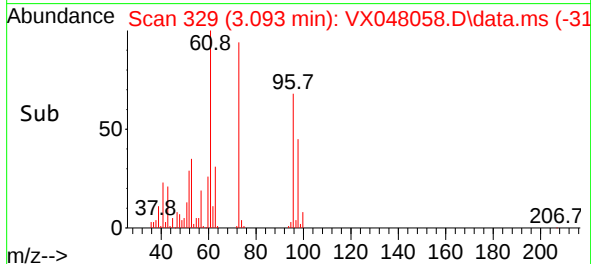
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 96 Resp: 36938
Ion Ratio Lower Upper
96 100
61 146.0 121.0 181.6
98 68.5 48.5 72.7

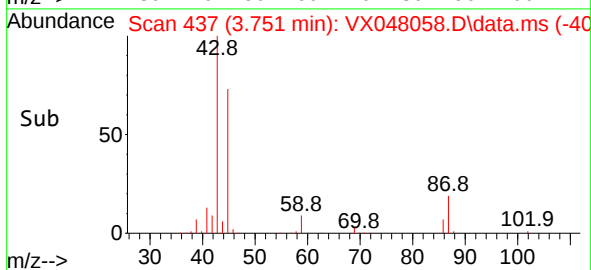
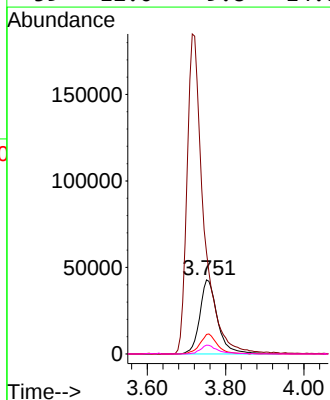
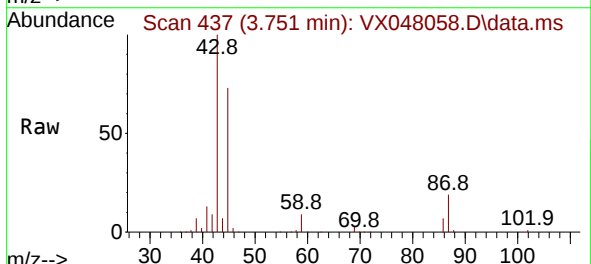
Manual Integrations
APPROVED

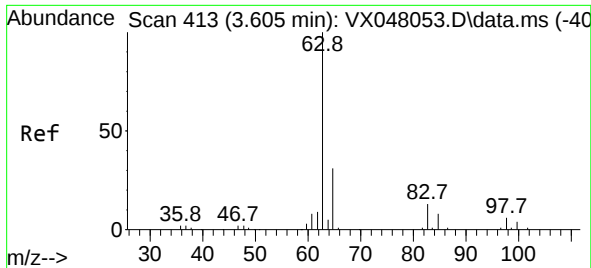
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#20
Diisopropyl ether
Concen: 20.738 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 45 Resp: 134761
Ion Ratio Lower Upper
45 100
43 135.5 105.4 158.0
87 26.4 19.7 29.5
59 12.0 9.8 14.8





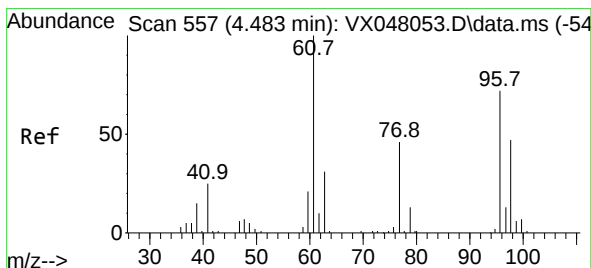
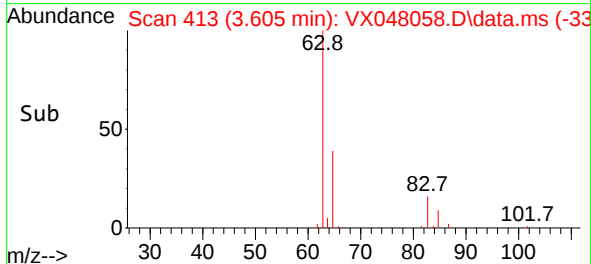
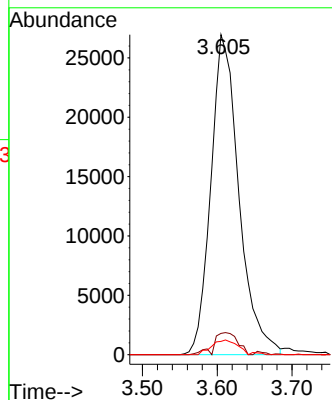
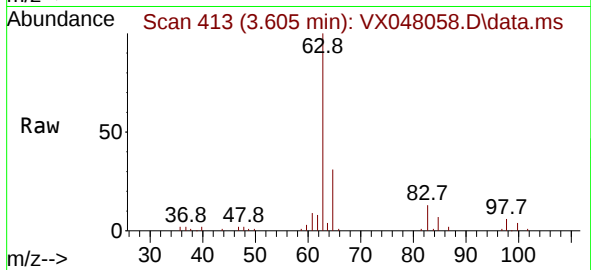
#21
1,1-Dichloroethane
Concen: 19.885 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725

Tgt Ion: 63 Resp: 70380
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.6
100 4.0 2.0 5.8

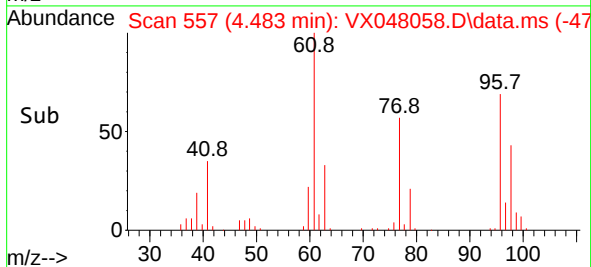
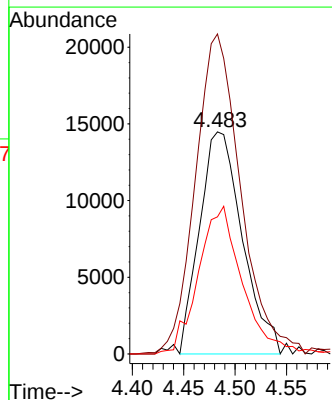
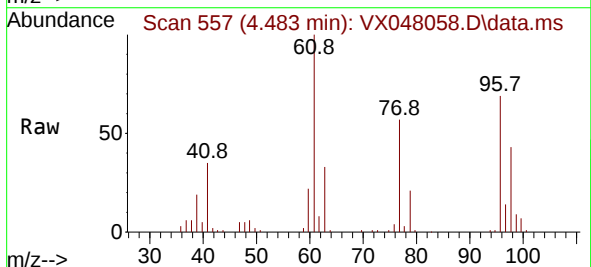
Manual Integrations
APPROVED

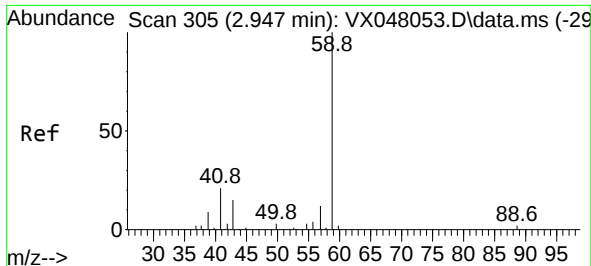
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#22
cis-1,2-Dichloroethene
Concen: 19.219 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

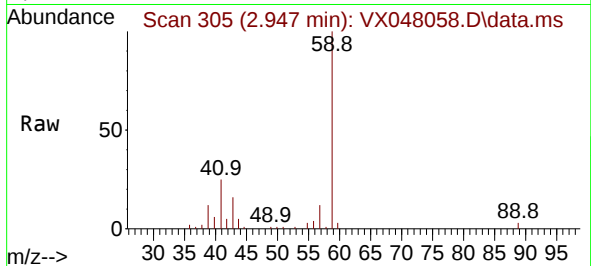
Tgt Ion: 96 Resp: 41859
Ion Ratio Lower Upper
96 100
61 152.5 121.4 182.0
98 64.7 19.6 29.4





#23
tert-Butyl Alcohol
Concen: 96.736 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

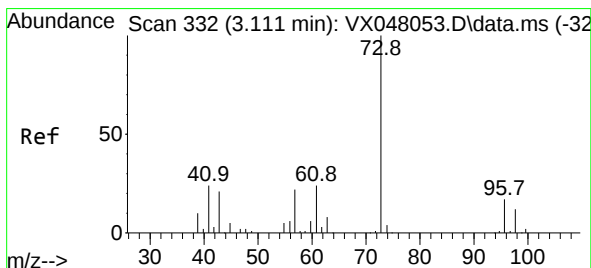
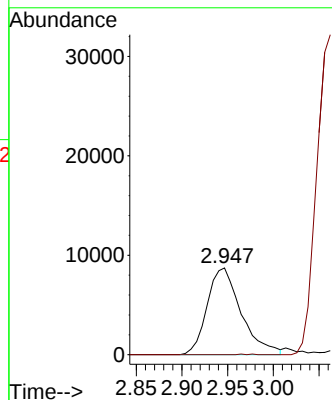
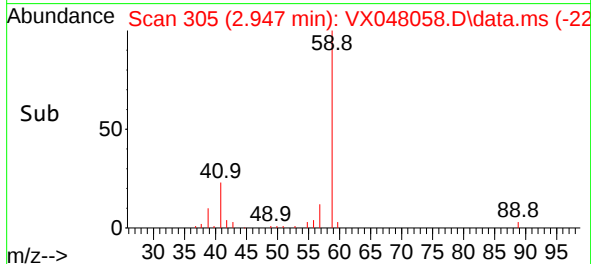
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 59 Resp: 2258
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

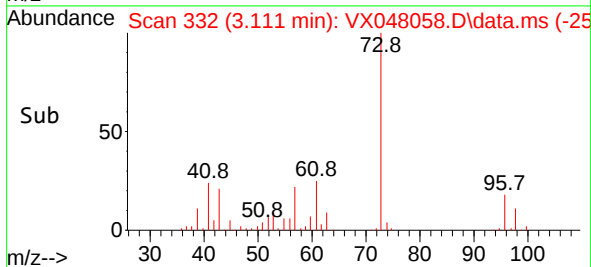
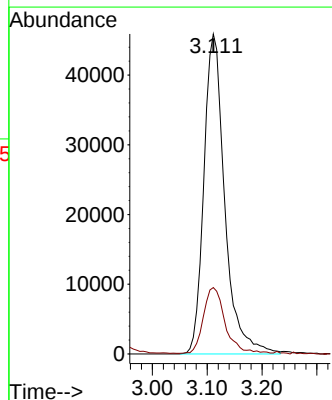
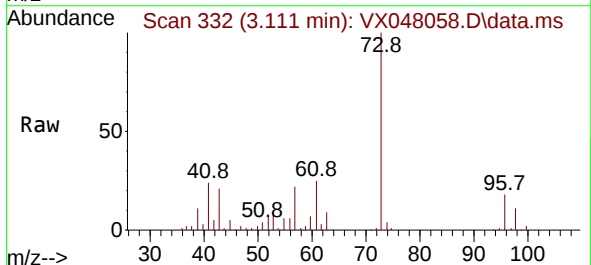
Manual Integrations
APPROVED

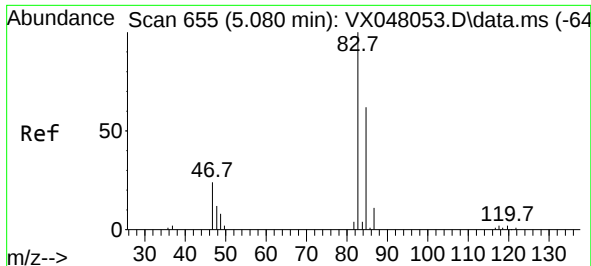
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#24
Methyl tert-Butyl Ether
Concen: 20.435 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 73 Resp: 121238
Ion Ratio Lower Upper
73 100
43 21.1 17.1 25.7





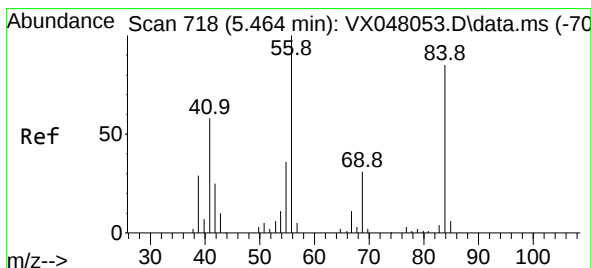
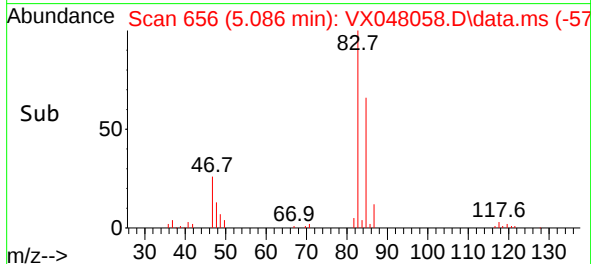
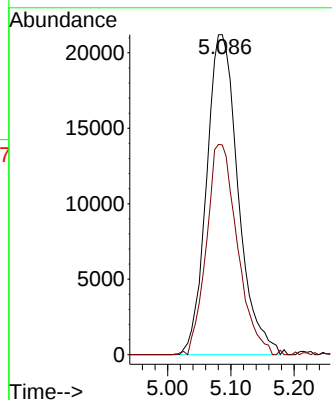
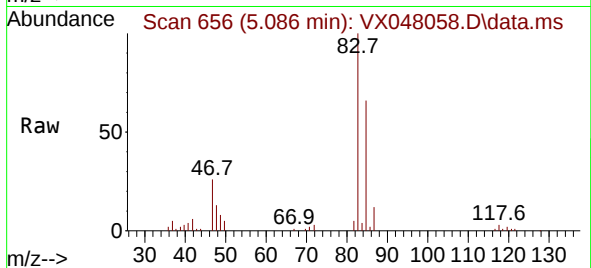
#25
Chloroform
Concen: 20.610 ug/l
RT: 5.086 min Scan# 655
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725

Tgt Ion: 83 Resp: 7366
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5

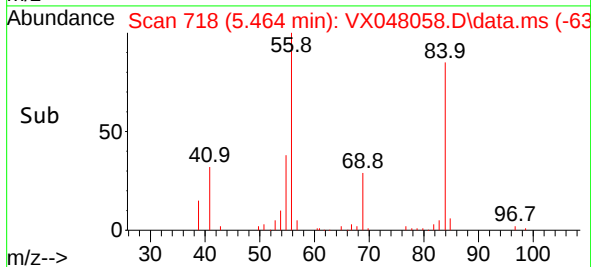
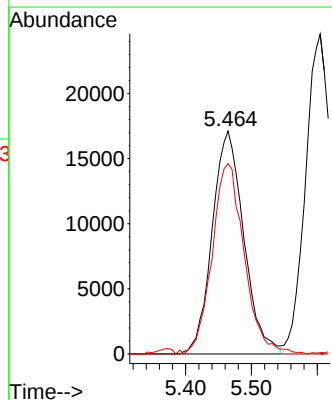
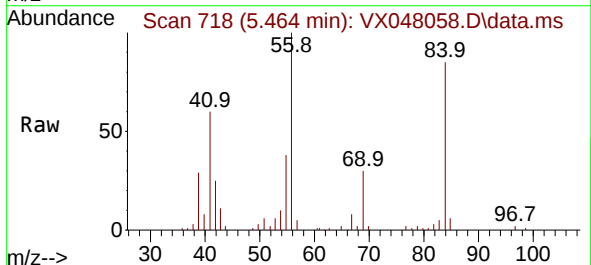
Manual Integrations
APPROVED

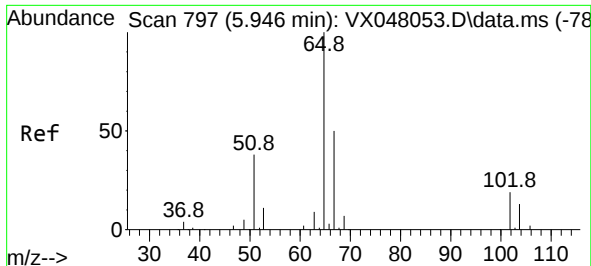
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#26
Cyclohexane
Concen: 20.548 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 56 Resp: 57166
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.7 66.6 100.0





#27
1,2-Dichloroethane-d4
Concen: 29.809 ug/l
RT: 5.940 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

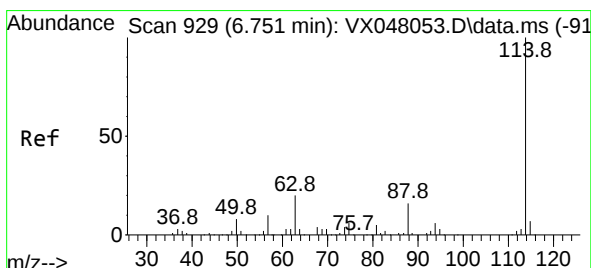
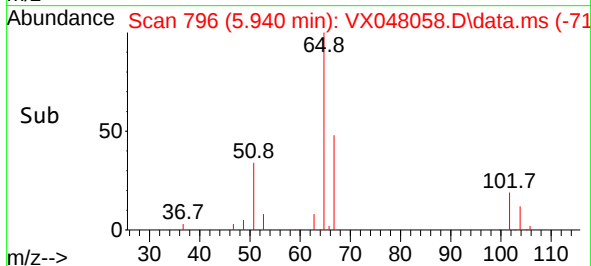
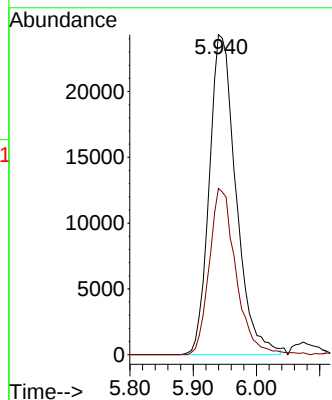
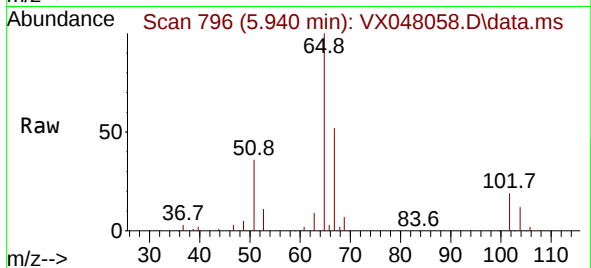
ICVVX100725

Tgt Ion: 65 Resp: 71310
Ion Ratio Lower Upper
65 100
67 51.6 41.0 61.4

Manual Integrations

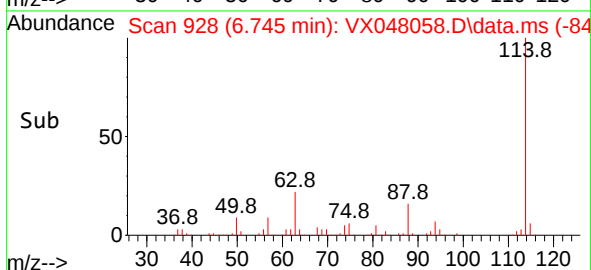
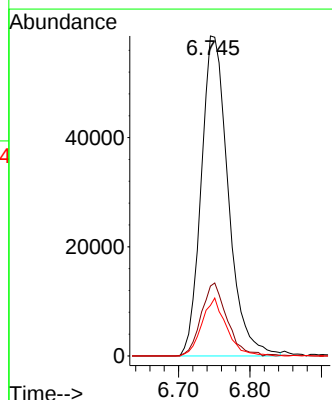
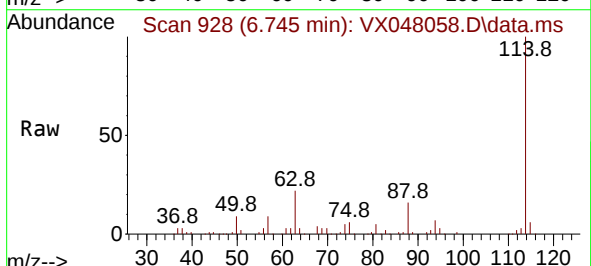
APPROVED

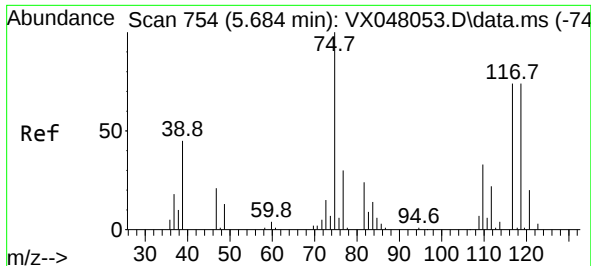
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion:114 Resp: 154088
Ion Ratio Lower Upper
114 100
63 21.5 17.4 26.0
88 16.5 12.8 19.2





#29

1,1-Dichloropropene

Concen: 20.768 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX048058.D

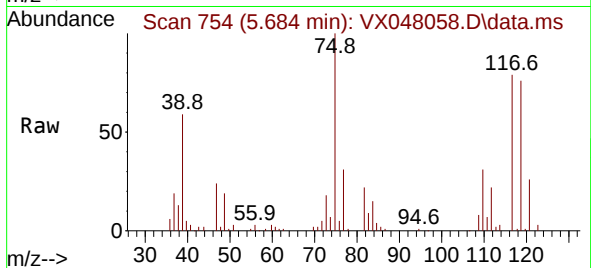
Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100725



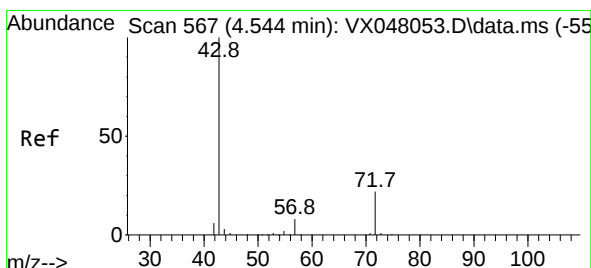
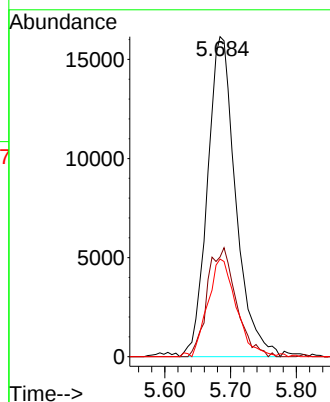
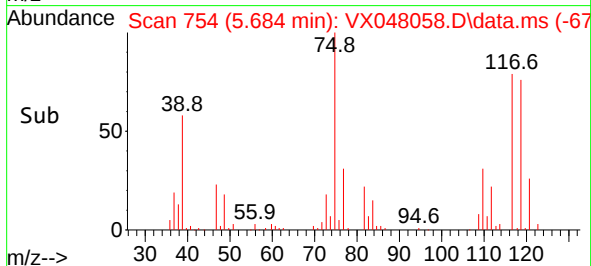
Tgt Ion:	75	Resp:	48199
Ion Ratio	Lower	Upper	
75	100		
110	13.4	0.0	66.4
77	30.6	0.0	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#30

2-Butanone

Concen: 99.673 ug/l

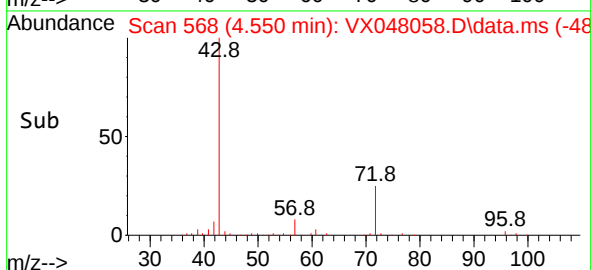
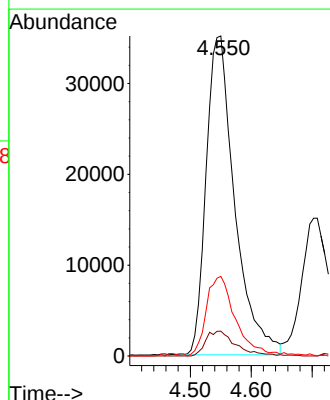
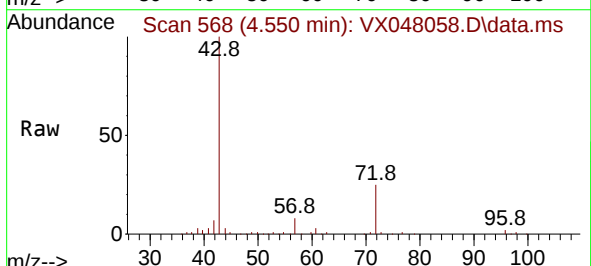
RT: 4.550 min Scan# 568

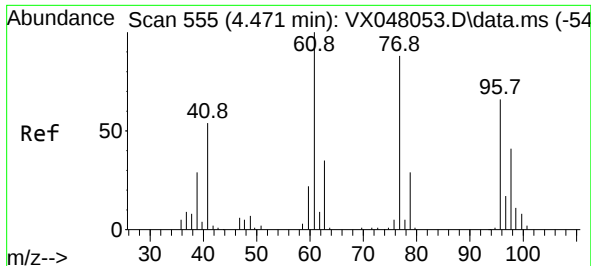
Delta R.T. 0.006 min

Lab File: VX048058.D

Acq: 07 Oct 2025 19:27

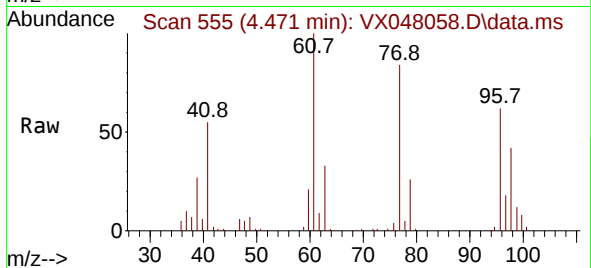
Tgt Ion:	43	Resp:	114193
Ion Ratio	Lower	Upper	
43	100		
57	5.3	6.6	9.8
72	25.0	18.9	28.3





#31
2,2-Dichloropropane
Concen: 19.283 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

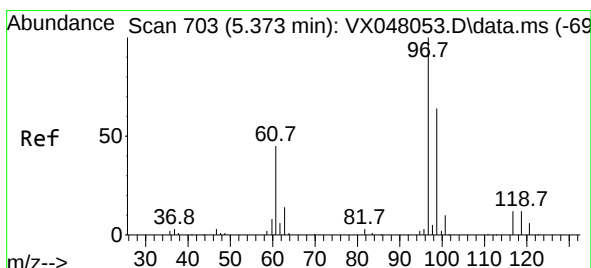
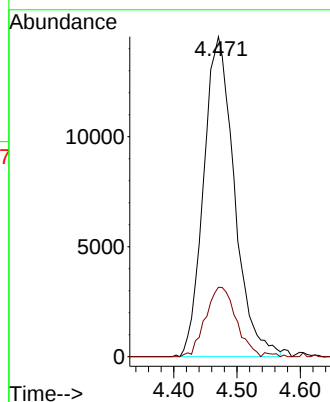
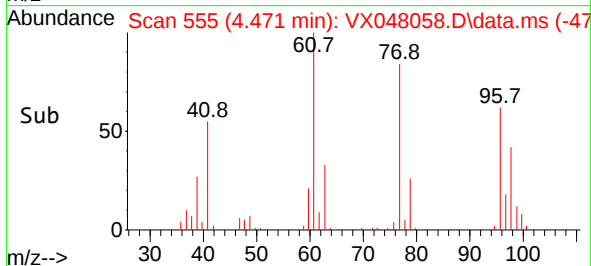
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



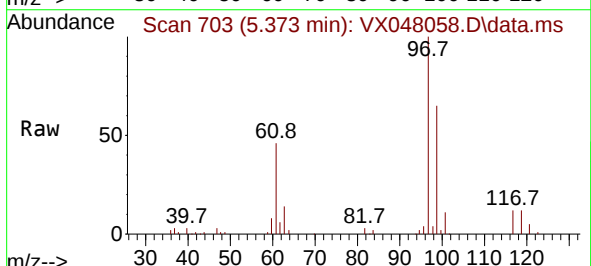
Tgt Ion: 77 Resp: 49150
Ion Ratio Lower Upper
77 100
97 21.2 13.8 20.8

Manual Integrations
APPROVED

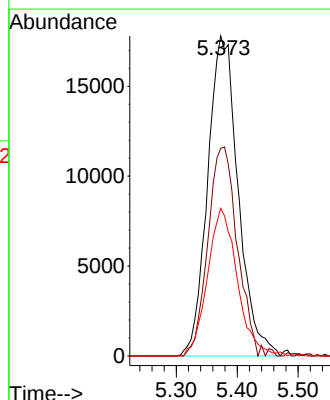
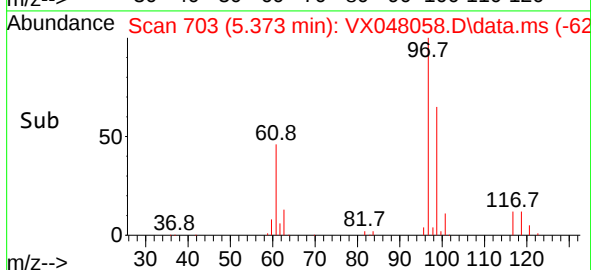
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

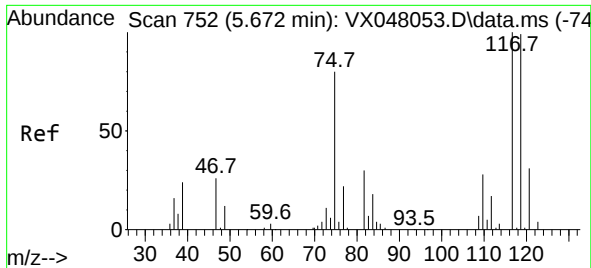


#32
1,1,1-Trichloroethane
Concen: 20.750 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27



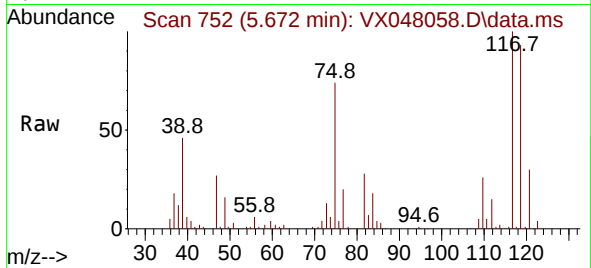
Tgt Ion: 97 Resp: 62020
Ion Ratio Lower Upper
97 100
99 62.4 50.4 75.6
61 44.7 36.9 55.3





#33
Carbon Tetrachloride
Concen: 18.574 ug/l m
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

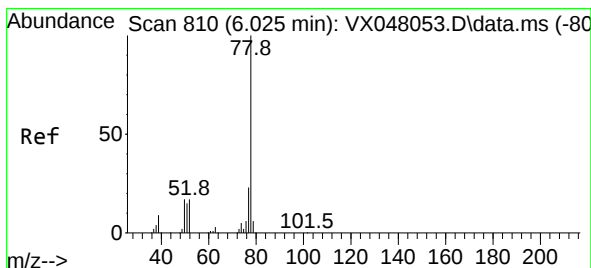
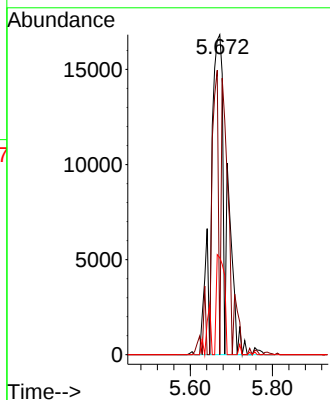
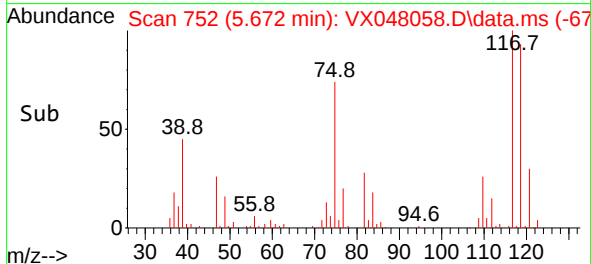
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:117 Resp: 4282
Ion Ratio Lower Upper
117 100
119 1.4 79.1 118.7
121 30.4 24.6 37.0

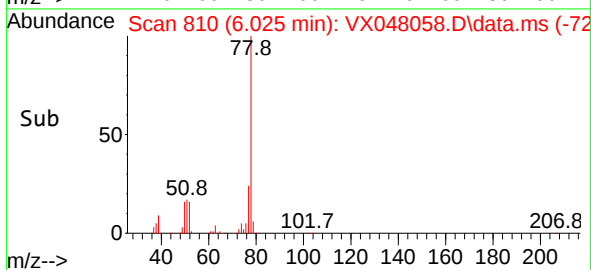
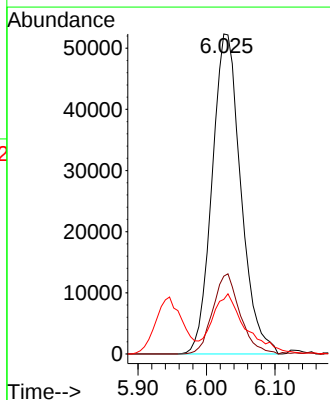
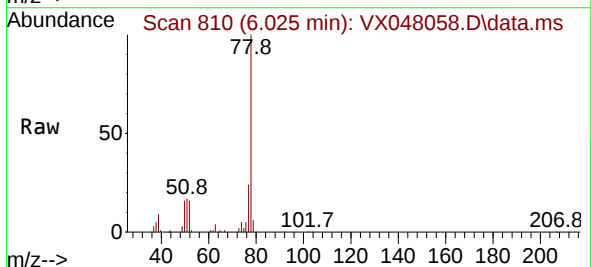
Manual Integrations
APPROVED

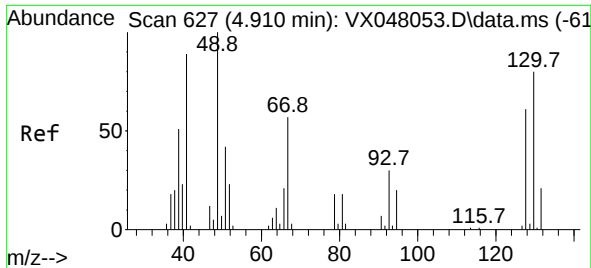
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#34
Benzene
Concen: 20.237 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 78 Resp: 152232
Ion Ratio Lower Upper
78 100
77 22.9 16.3 24.5
51 14.4 13.8 20.8





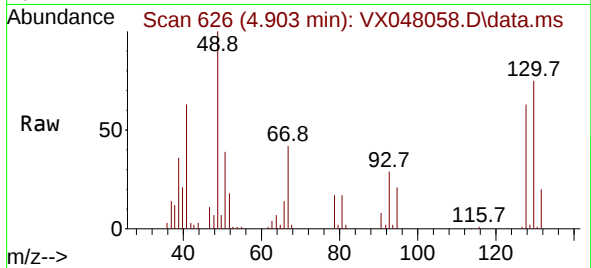
#35
Methacrylonitrile
Concen: 19.449 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100725



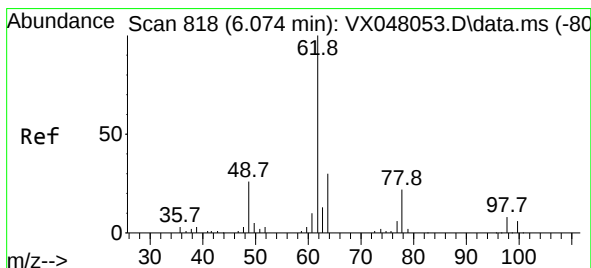
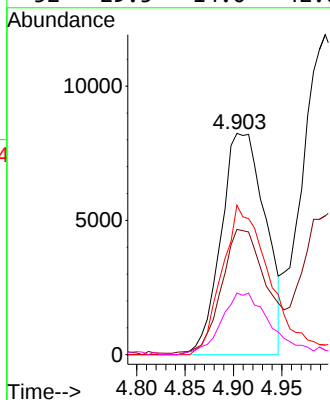
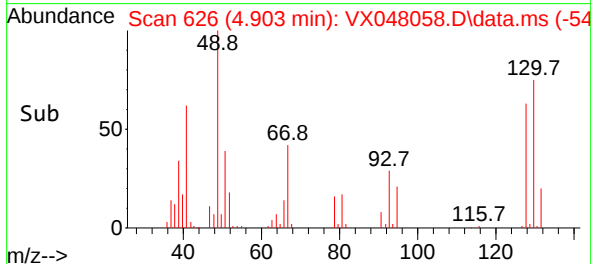
Tgt Ion: 41 Resp: 2625
Ion Ratio Lower Upper
41 100
39 55.5 25.4 76.2
67 69.9 33.3 99.9
52 29.5 14.0 42.0

Manual Integrations

APPROVED

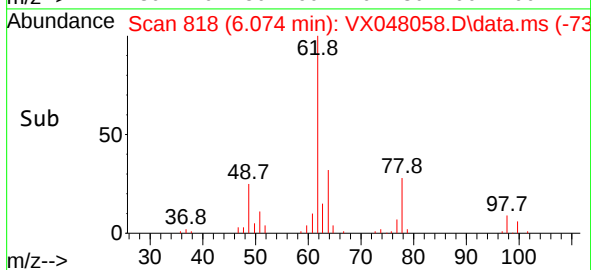
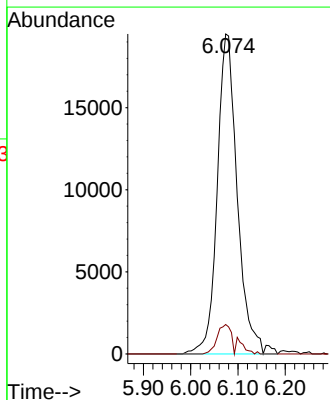
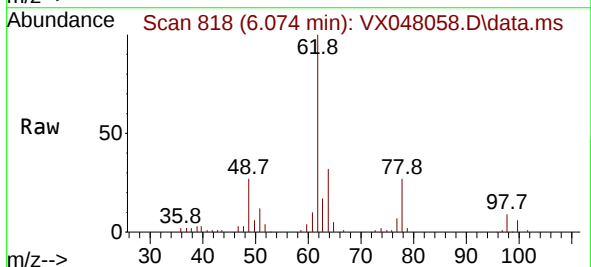
Reviewed By :John Carlone 10/08/2025

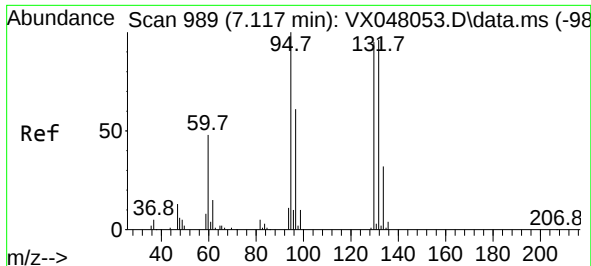
Supervised By :Mahesh Dadoda 10/09/2025



#36
1,2-Dichloroethane
Concen: 20.583 ug/l m
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

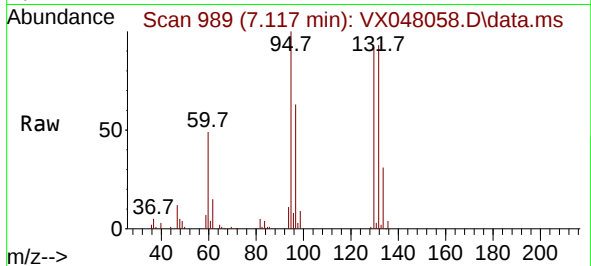
Tgt Ion: 62 Resp: 57689
Ion Ratio Lower Upper
62 100
98 0.1 6.6 9.8#





#37
Trichloroethene
Concen: 19.983 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

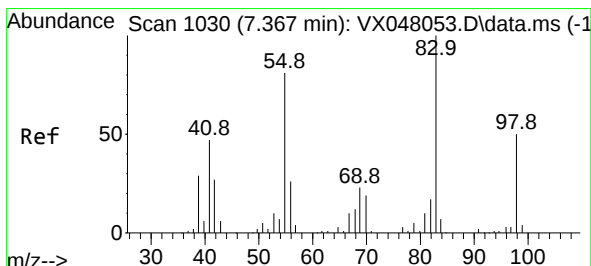
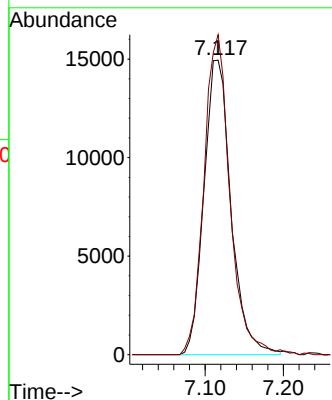
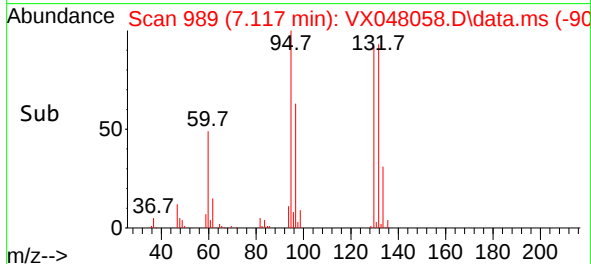
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:130 Resp: 35974
Ion Ratio Lower Upper
130 100
95 108.7 84.6 126.8

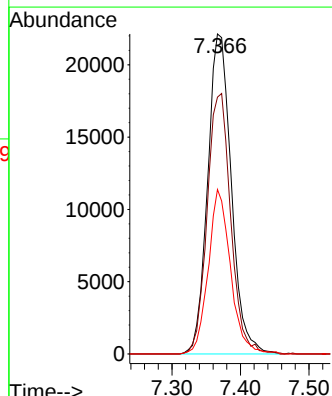
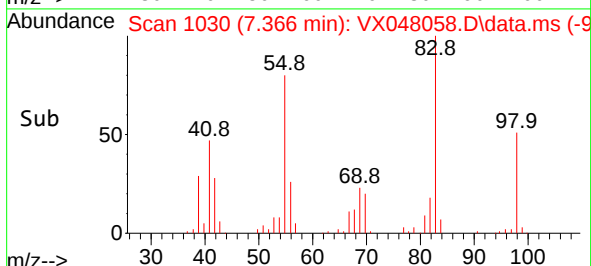
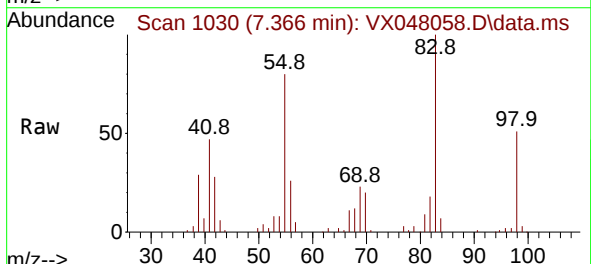
Manual Integrations
APPROVED

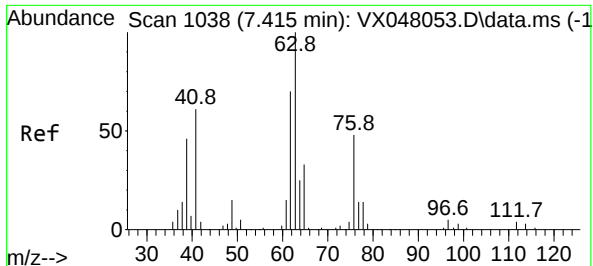
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#38
Methylcyclohexane
Concen: 19.991 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 83 Resp: 53105
Ion Ratio Lower Upper
83 100
55 81.2 41.3 123.9
98 48.4 24.9 74.7





#39

1,2-Dichloropropane

Concen: 20.591 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048058.D

Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

ICVX100725

Tgt Ion: 63 Resp: 39524

Ion Ratio Lower Upper

63 100

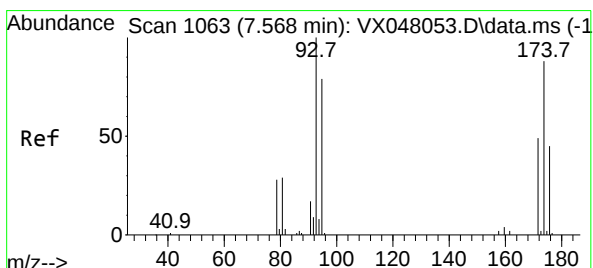
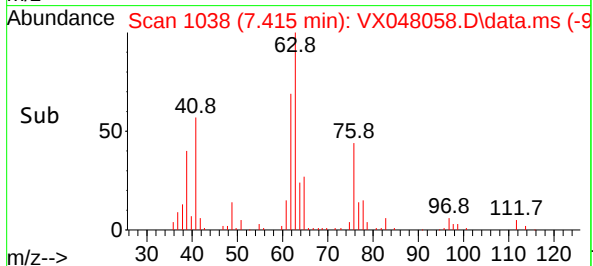
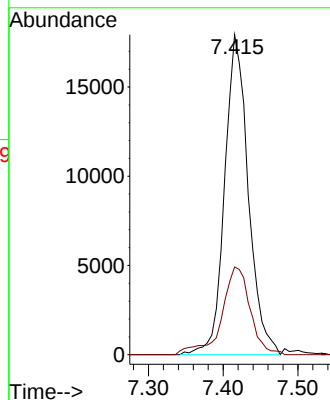
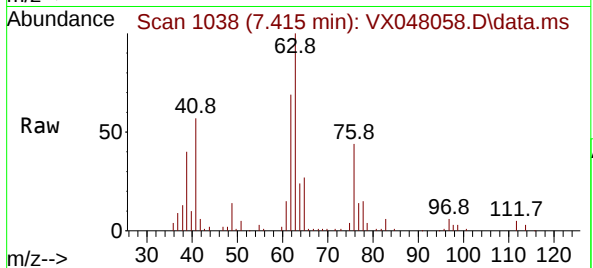
65 27.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#40

Dibromomethane

Concen: 18.750 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048058.D

Acq: 07 Oct 2025 19:27

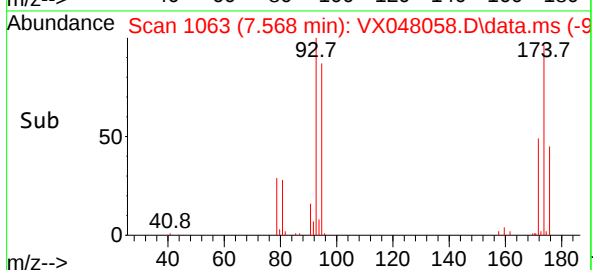
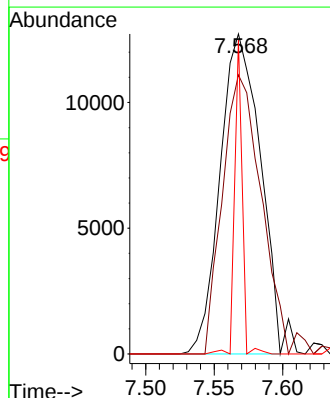
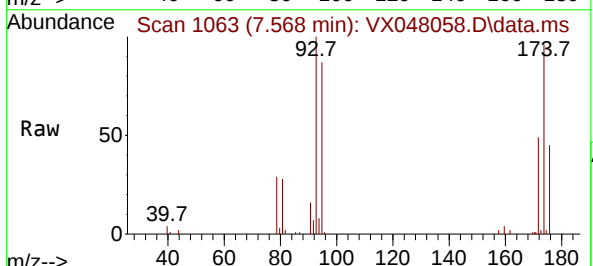
Tgt Ion: 93 Resp: 25792

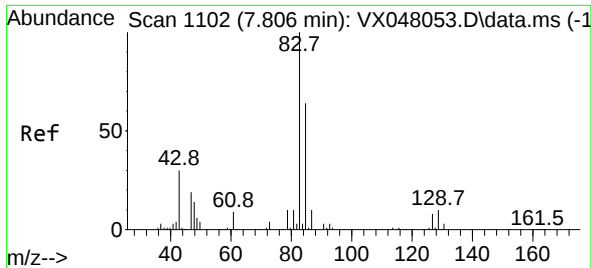
Ion Ratio Lower Upper

93 100

95 84.1 0.0 1.0#

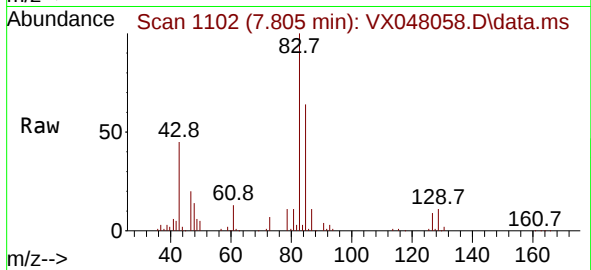
174 17.7 0.0 29.6





#41
Bromodichloromethane
Concen: 20.129 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

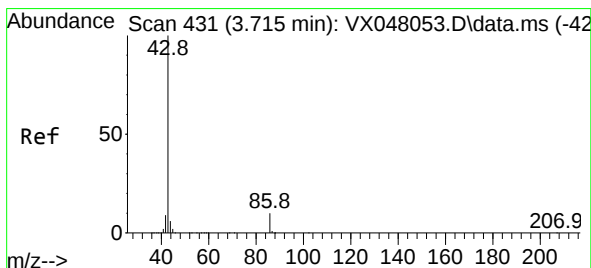
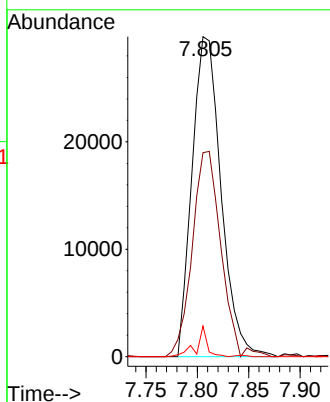
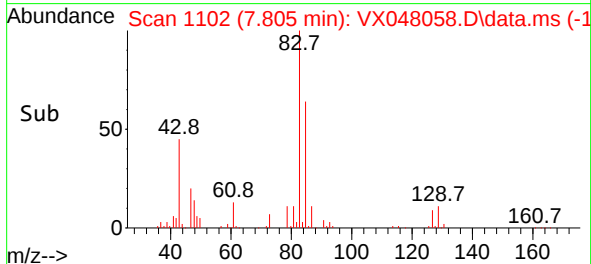
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 83 Resp: 58475
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 9.3 6.8 10.2

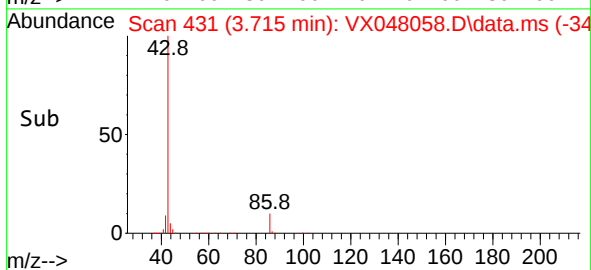
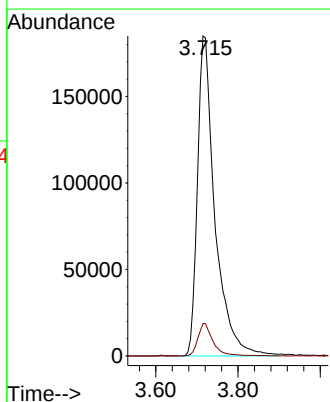
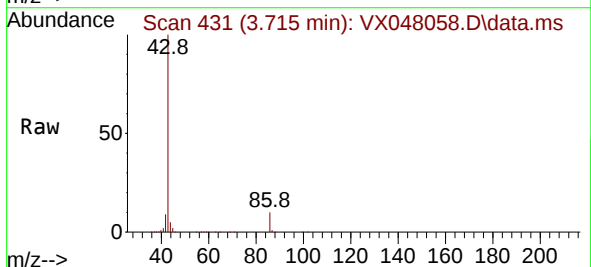
Manual Integrations
APPROVED

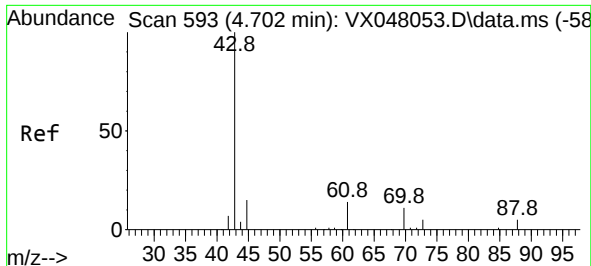
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#42
Vinyl Acetate
Concen: 100.892 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

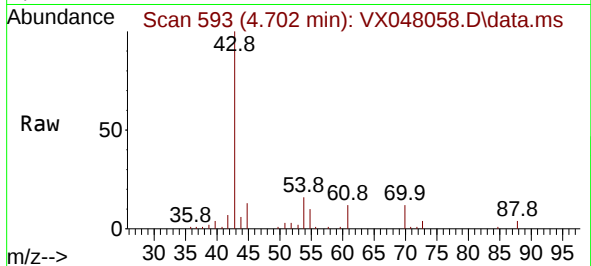
Tgt Ion: 43 Resp: 546127
Ion Ratio Lower Upper
43 100
86 8.7 7.1 10.7





#43
Ethyl Acetate
Concen: 18.912 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

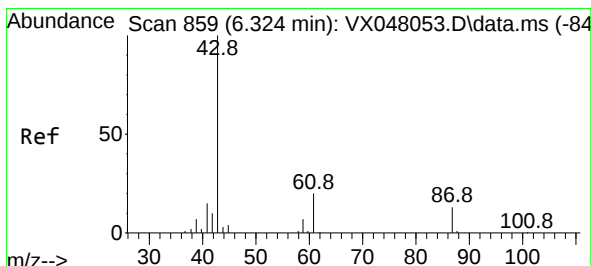
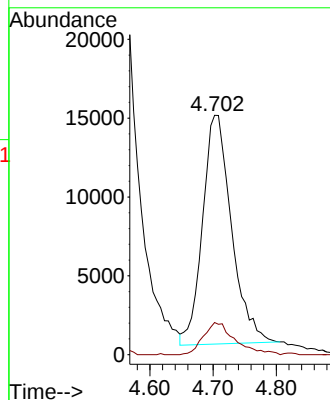
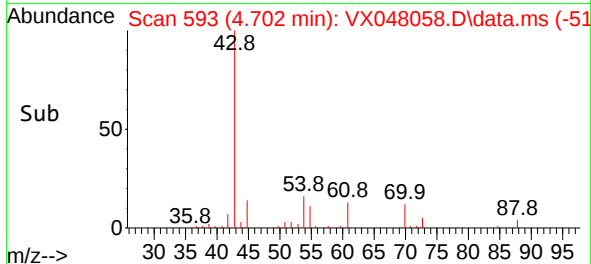
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 43 Resp: 46258
Ion Ratio Lower Upper
43 100
45 15.0 12.3 18.5

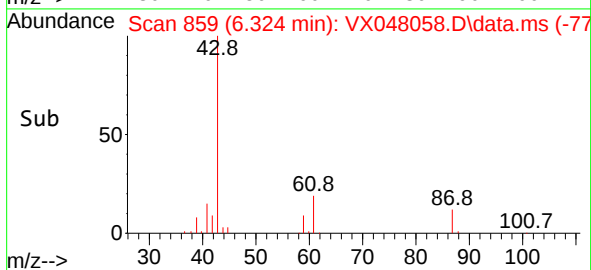
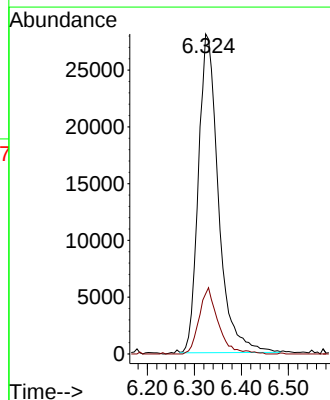
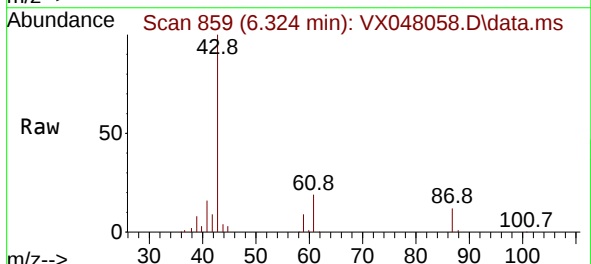
Manual Integrations
APPROVED

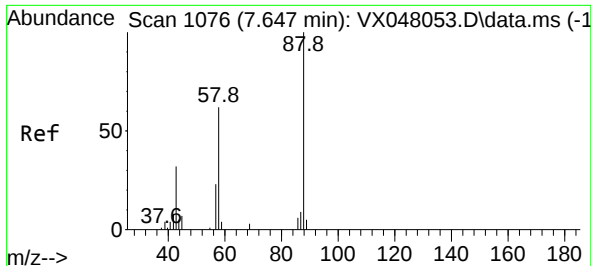
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#44
Isopropyl Acetate
Concen: 20.018 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

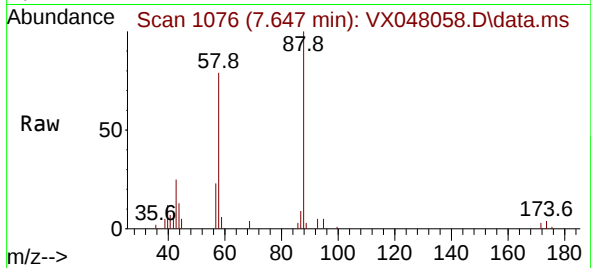
Tgt Ion: 43 Resp: 83258
Ion Ratio Lower Upper
43 100
61 19.3 15.5 23.3





#45
1,4-Dioxane
Concen: 394.267 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

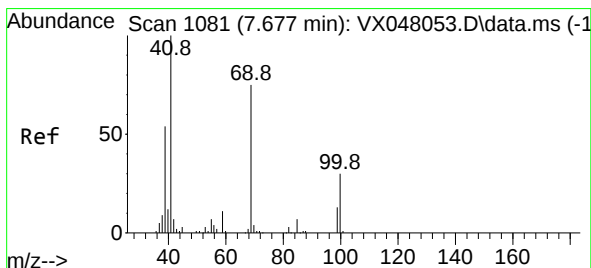
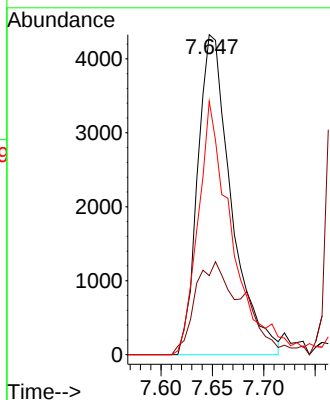
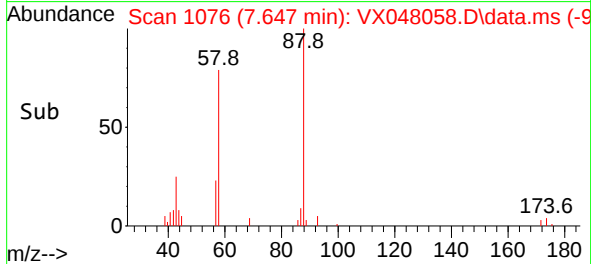
Instrument : MSVOA_X
Client Sample Id : ICVVX100725



Tgt Ion: 88 Resp: 985
Ion Ratio Lower Upper
88 100
43 29.4 20.3 30.5
58 75.7 57.4 86.0

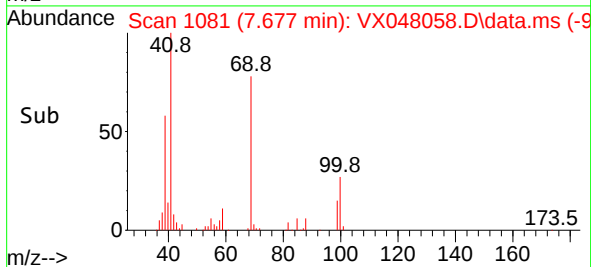
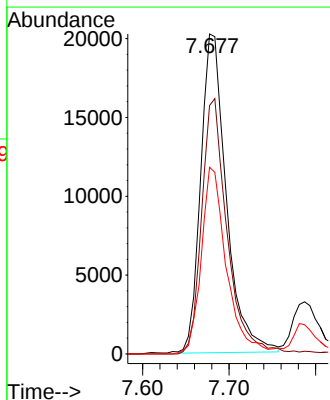
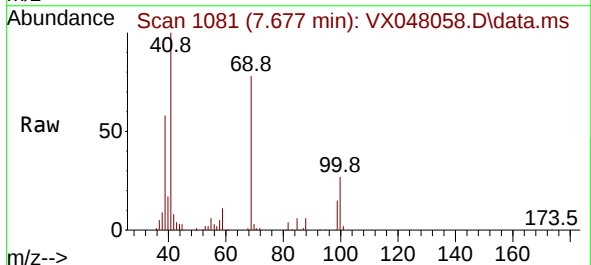
Manual Integrations
APPROVED

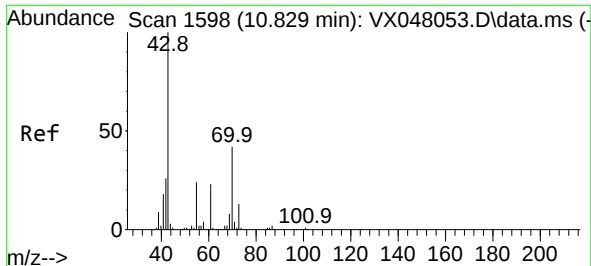
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#46
Methyl methacrylate
Concen: 19.994 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 41 Resp: 41700
Ion Ratio Lower Upper
41 100
69 79.3 37.4 112.1
39 59.2 27.0 80.8





#47

n-amy1 Acetate

Concen: 20.630 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. -0.000 min

Lab File: VX048058.D

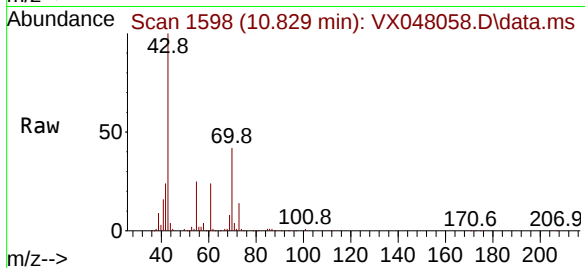
Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

ICVX100725



Tgt Ion: 43 Resp: 7297

Ion Ratio Lower Upper

43 100

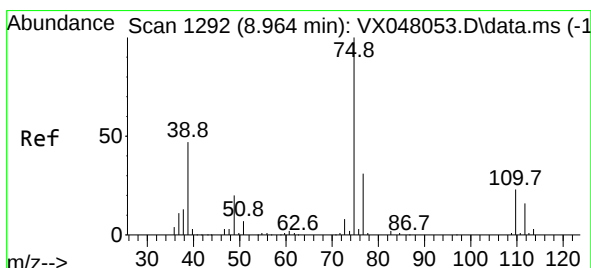
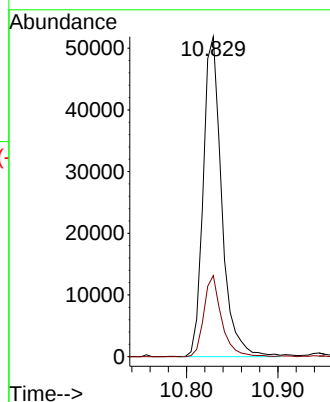
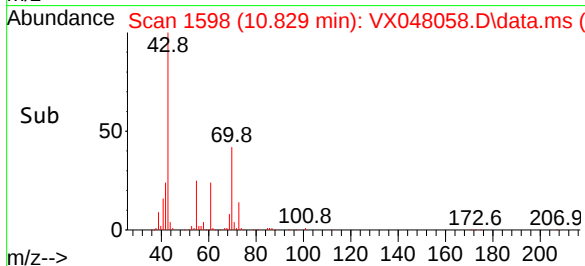
55 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#48

t-1,3-Dichloropropene

Concen: 20.184 ug/l

RT: 8.964 min Scan# 1292

Delta R.T. -0.000 min

Lab File: VX048058.D

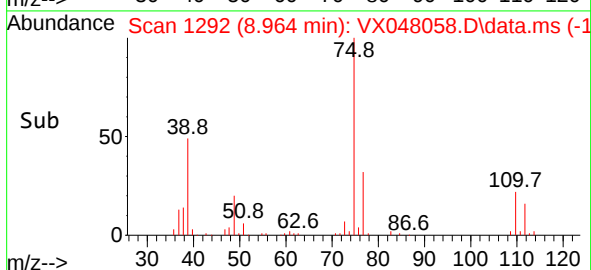
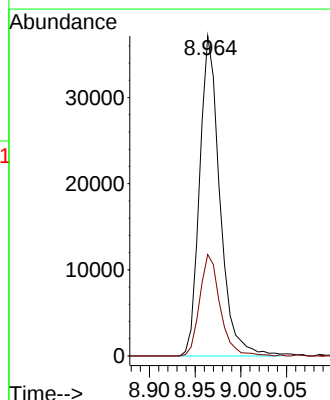
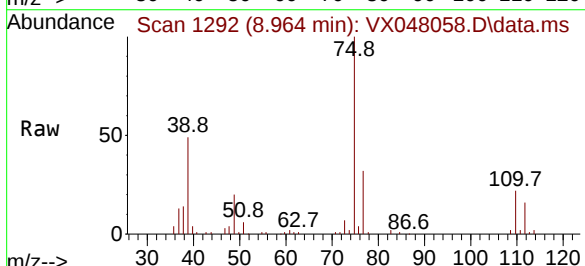
Acq: 07 Oct 2025 19:27

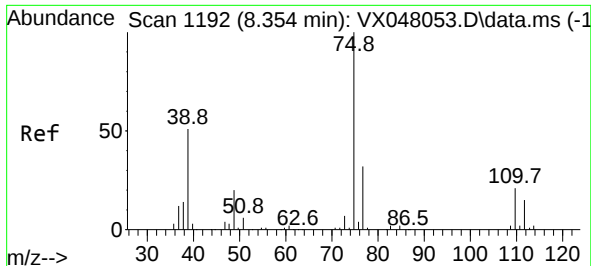
Tgt Ion: 75 Resp: 57298

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 20.428 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048058.D

Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100725

Tgt Ion: 75 Resp: 62438

Ion Ratio Lower Upper

75 100

77 30.8 26.9 40.3

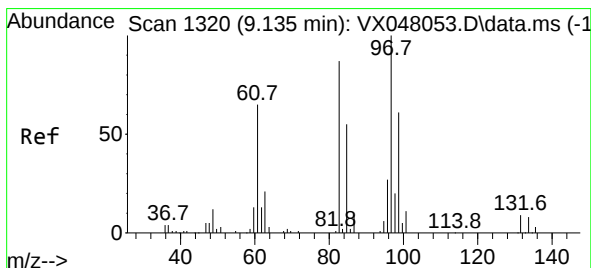
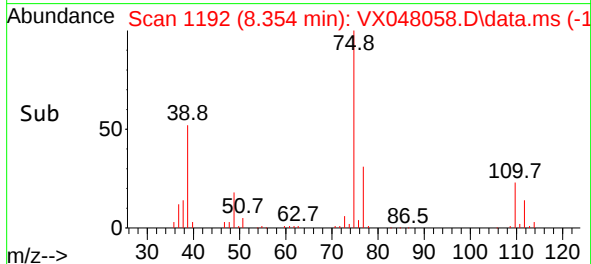
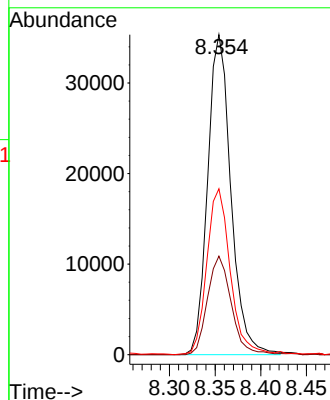
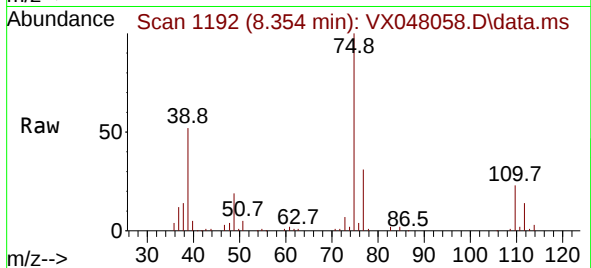
39 51.6 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#50

1,1,2-Trichloroethane

Concen: 21.012 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048058.D

Acq: 07 Oct 2025 19:27

Tgt Ion: 97 Resp: 37939

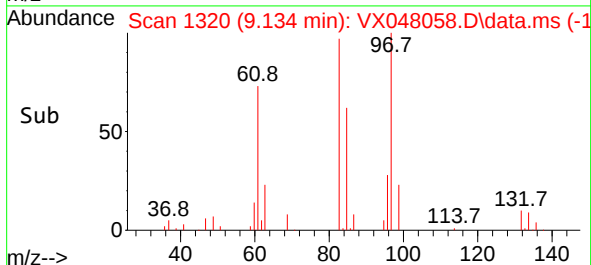
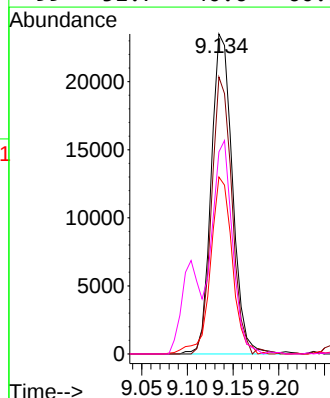
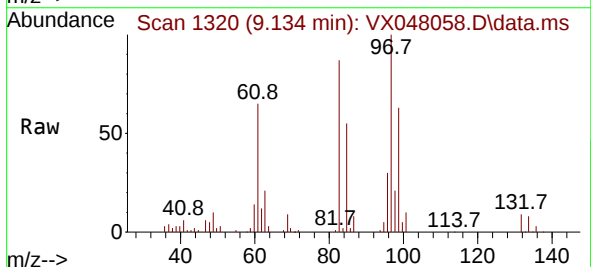
Ion Ratio Lower Upper

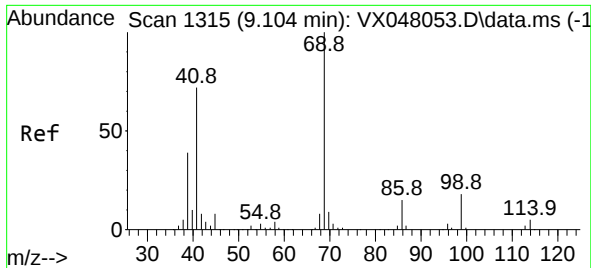
97 100

83 71.4 58.9 88.3

85 45.2 36.8 55.2

99 51.7 40.6 60.8





#51
Ethyl methacrylate
Concen: 20.455 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

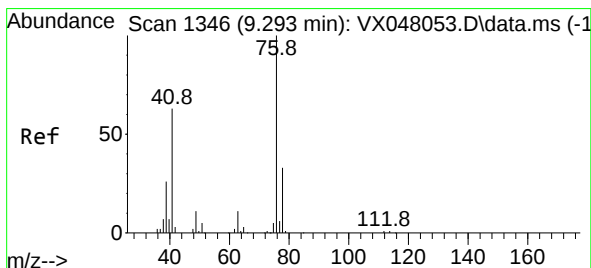
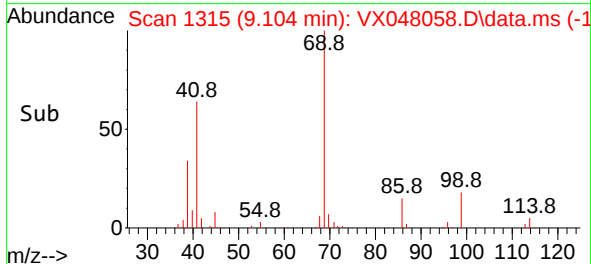
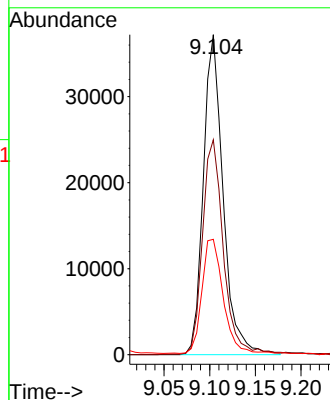
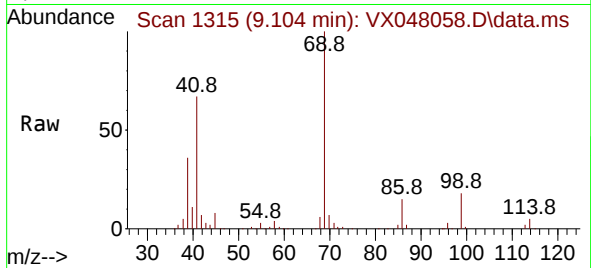
ICVVX100725

Tgt Ion: 69 Resp: 5607
Ion Ratio Lower Upper
69 100
41 67.0 35.9 107.8
39 35.5 19.3 57.9

Manual Integrations

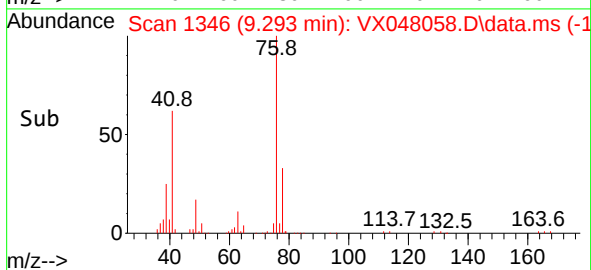
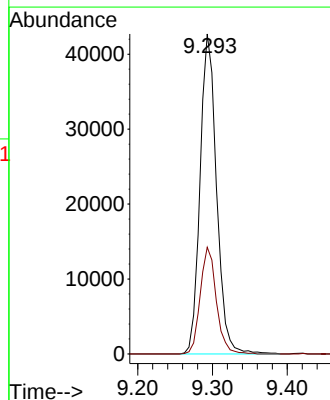
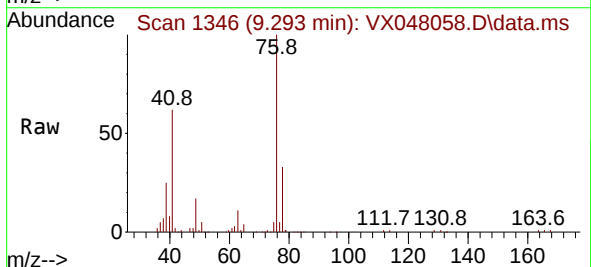
APPROVED

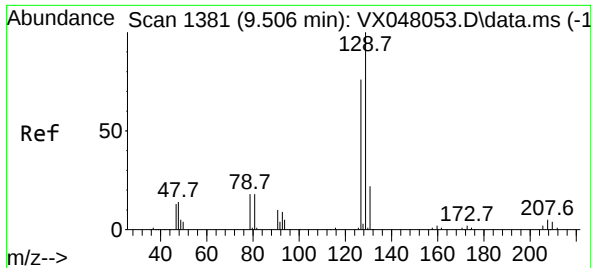
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#52
1,3-Dichloropropane
Concen: 20.911 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

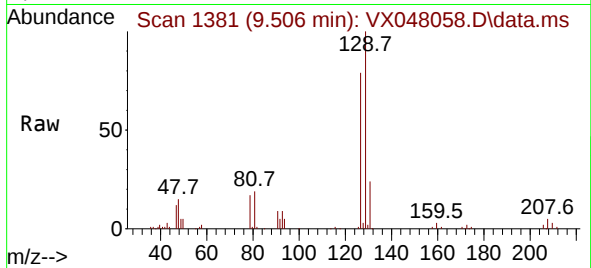
Tgt Ion: 76 Resp: 65452
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.2





#53
Dibromochloromethane
Concen: 14.506 ug/l m
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

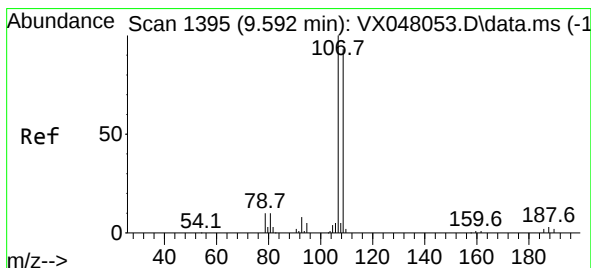
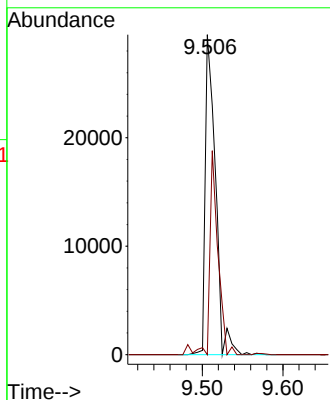
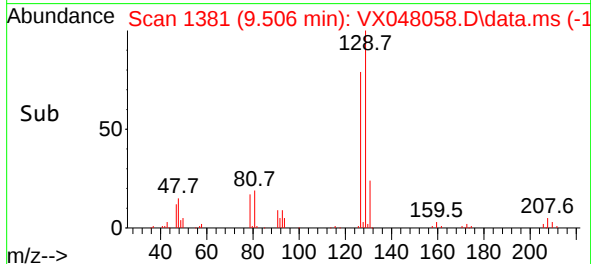
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:129 Resp: 25889
Ion Ratio Lower Upper
129 100
127 47.4 0.1 0.5

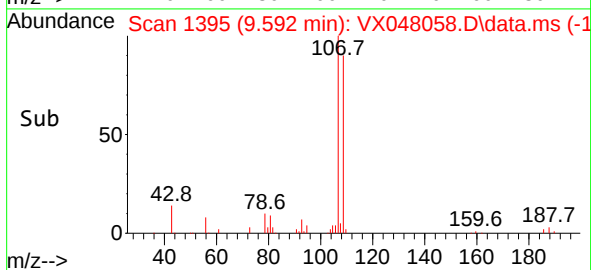
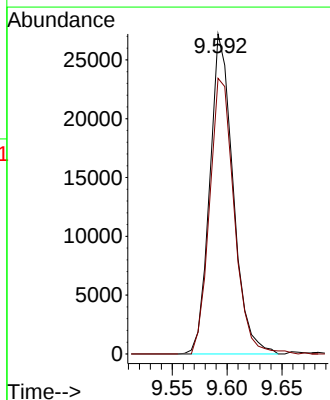
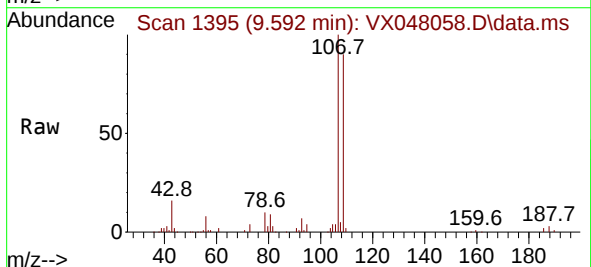
Manual Integrations
APPROVED

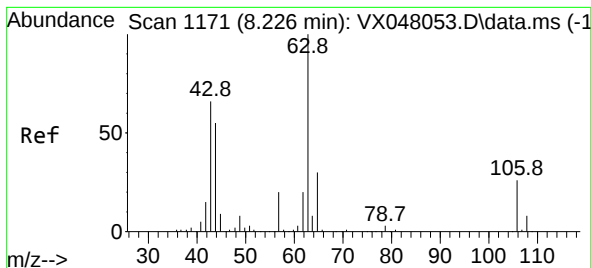
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#54
1,2-Dibromoethane
Concen: 21.798 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion:107 Resp: 40326
Ion Ratio Lower Upper
107 100
109 90.6 75.2 112.8





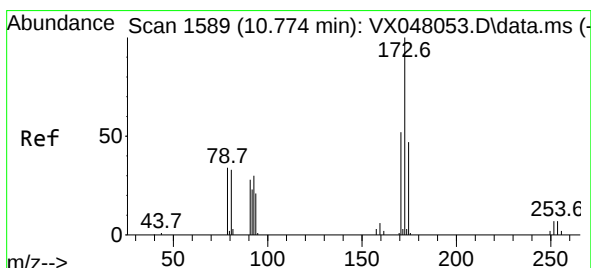
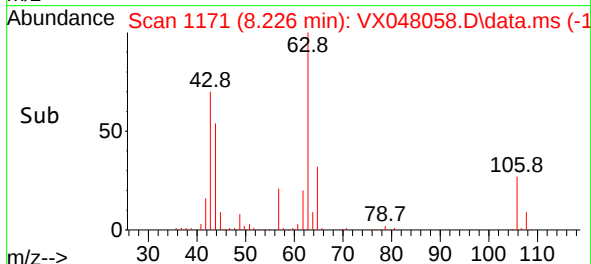
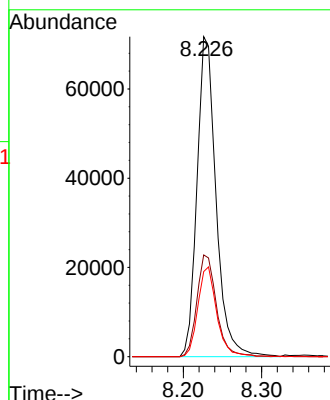
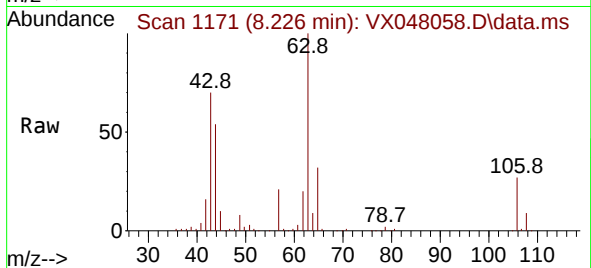
#55
2-Chloroethyl vinyl ether
Concen: 87.317 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725

Tgt Ion: 63 Resp: 121235
Ion Ratio Lower Upper
63 100
65 32.6 25.0 37.4
106 27.7 21.9 32.9

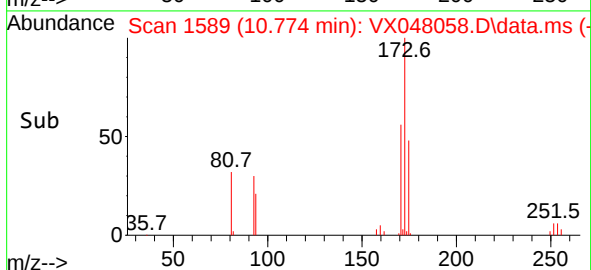
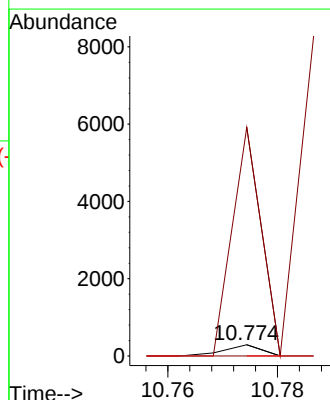
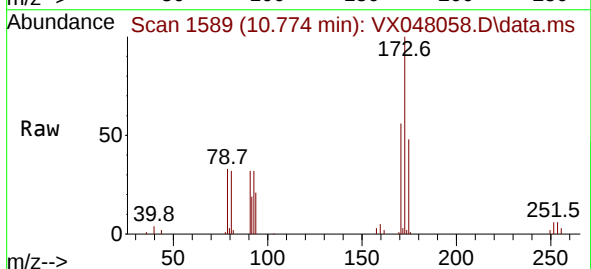
Manual Integrations
APPROVED

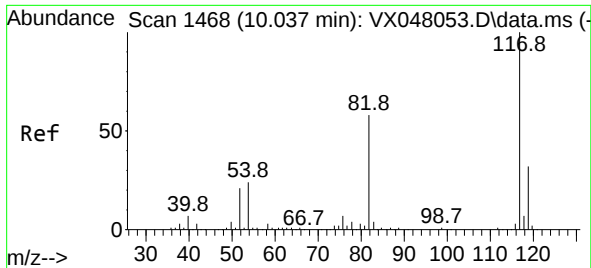
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#56
Bromoform
Concen: 7.350 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

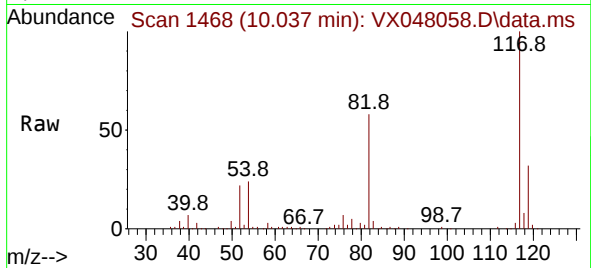
Tgt Ion:173 Resp: 136
Ion Ratio Lower Upper
173 100
175 1593.4 281.0 421.6#
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

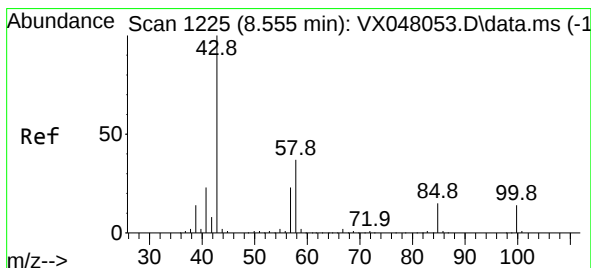
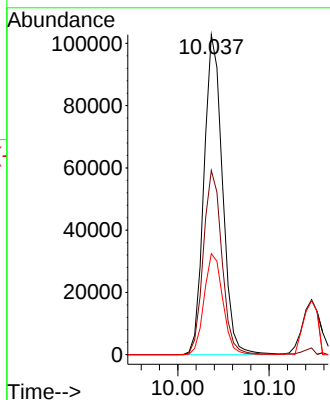
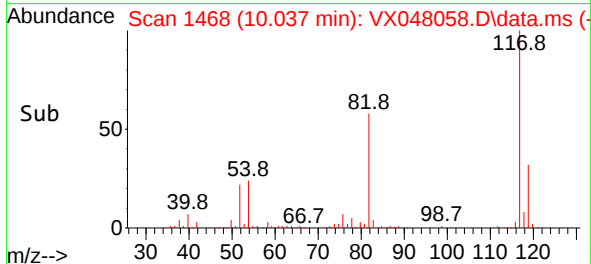
Instrument : MSVOA_X
ClientSampleId : ICVVX100725



Tgt Ion: 117 Resp: 143990
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.8 25.6 38.4

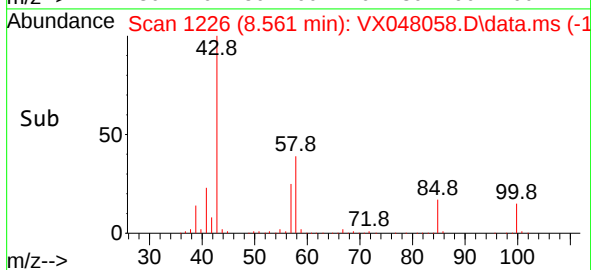
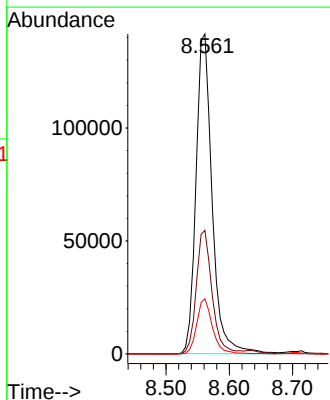
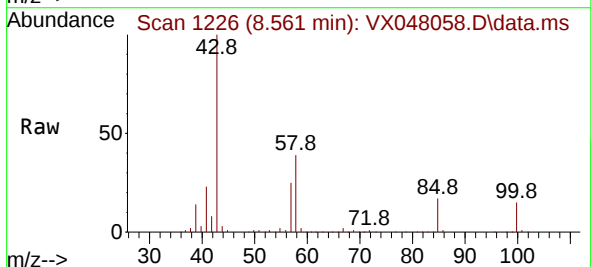
Manual Integrations
APPROVED

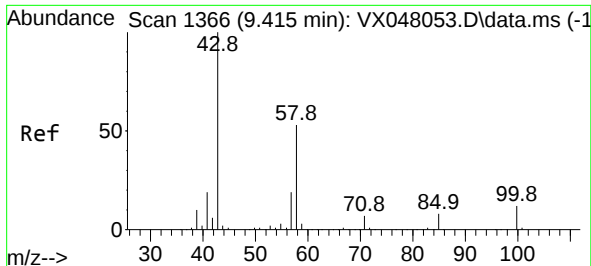
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#58
4-Methyl-2-Pentanone
Concen: 101.220 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

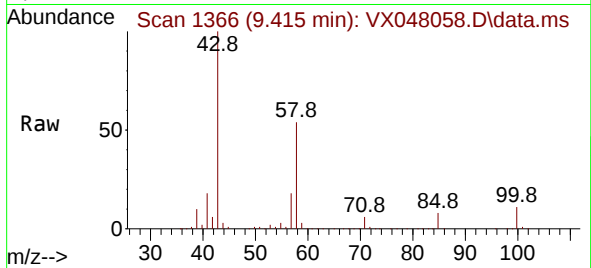
Tgt Ion: 43 Resp: 251970
Ion Ratio Lower Upper
43 100
58 38.0 29.5 44.3
85 16.8 12.8 19.2





#59
2-Hexanone
Concen: 100.600 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

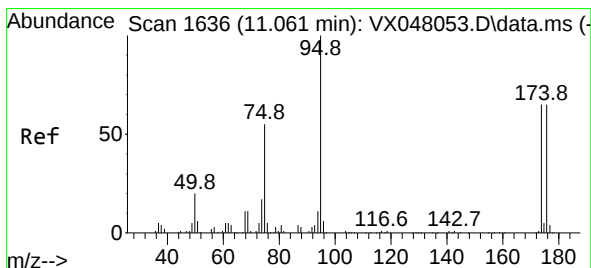
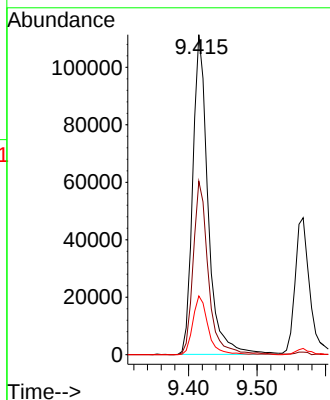
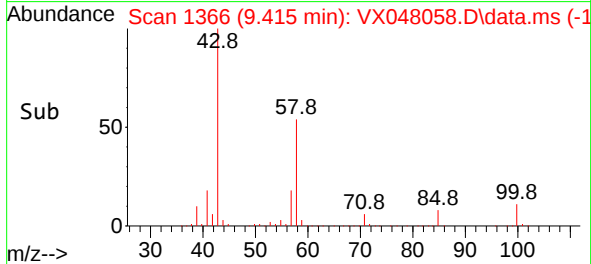
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion: 43 Resp: 173000
Ion Ratio Lower Upper
43 100
58 53.6 42.2 63.2
57 18.3 14.2 21.4

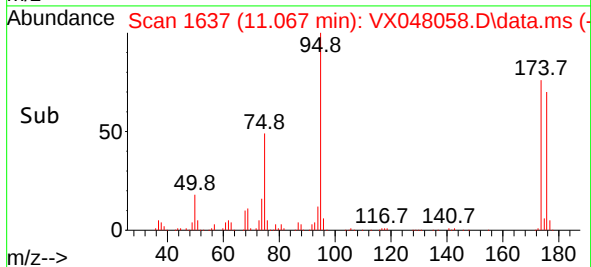
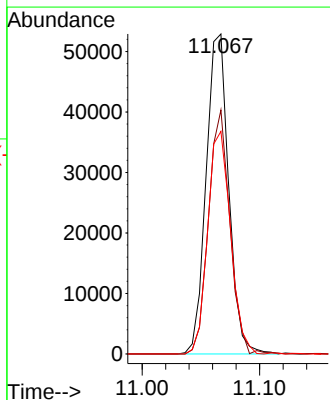
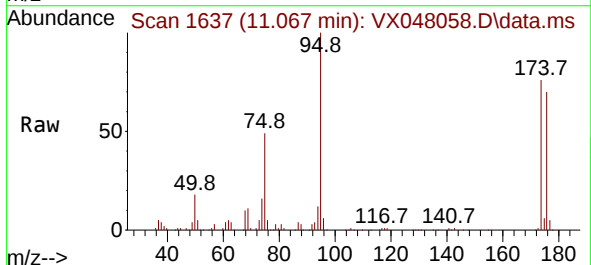
Manual Integrations
APPROVED

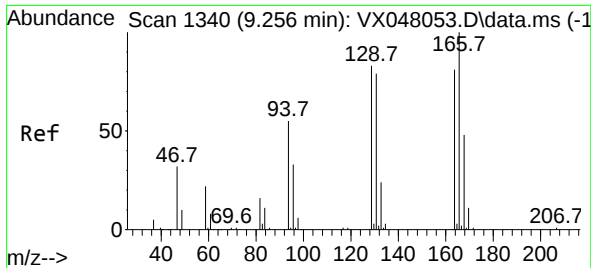
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#60
4-Bromofluorobenzene
Concen: 30.004 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 95 Resp: 70674
Ion Ratio Lower Upper
95 100
174 71.3 55.8 83.8
176 70.5 55.0 82.4





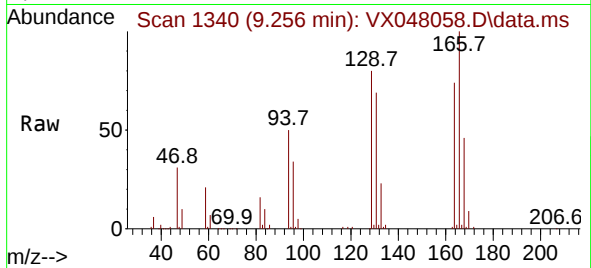
#61
Tetrachloroethene
Concen: 20.759 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :

MSVOA_X

ClientSampleId :

ICVX100725



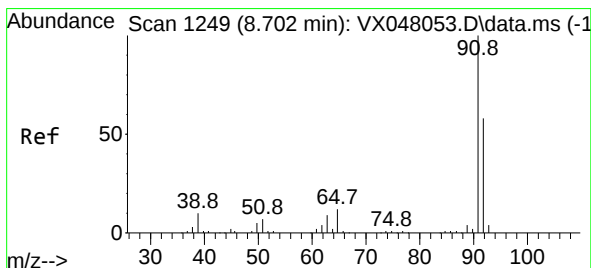
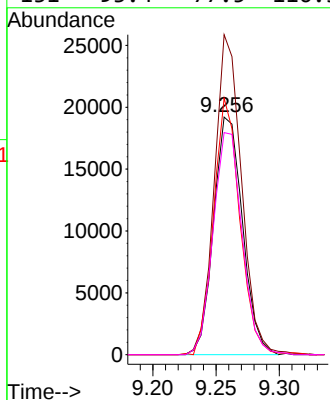
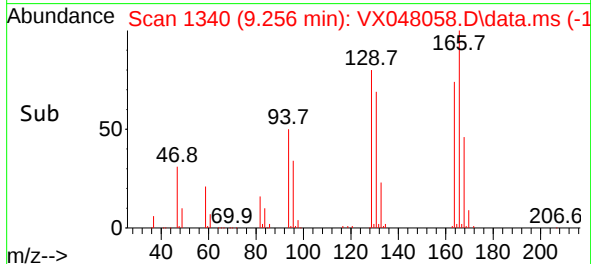
Tgt Ion:164 Resp: 3045
Ion Ratio Lower Upper
164 100
166 134.6 97.3 145.9
129 107.9 81.6 122.4
131 93.4 77.5 116.3

Manual Integrations

APPROVED

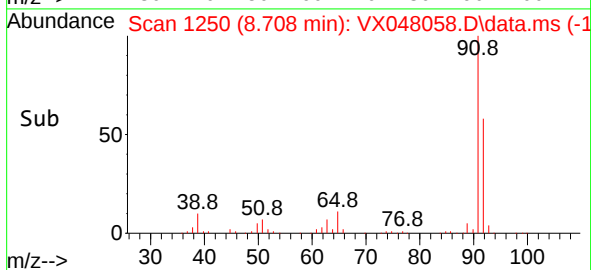
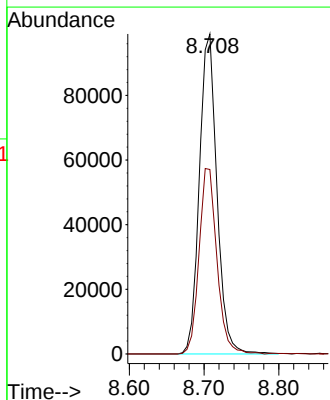
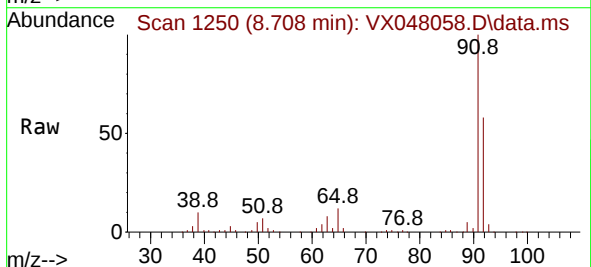
Reviewed By :John Carlone 10/08/2025

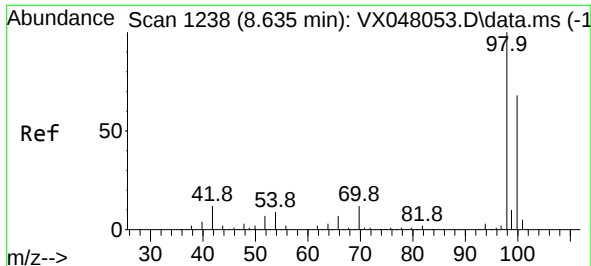
Supervised By :Mahesh Dadoda 10/09/2025



#62
Toluene
Concen: 20.200 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

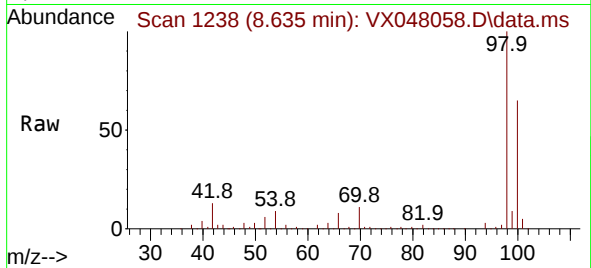
Tgt Ion: 91 Resp: 161714
Ion Ratio Lower Upper
91 100
92 58.8 47.1 70.7





#63
Toluene-d8
Concen: 29.629 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

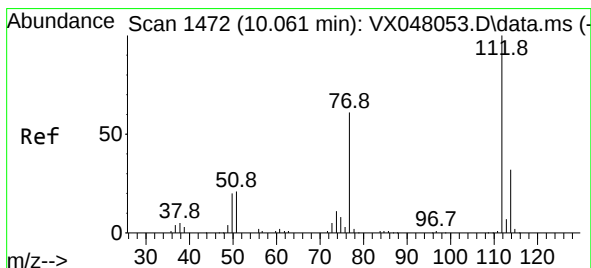
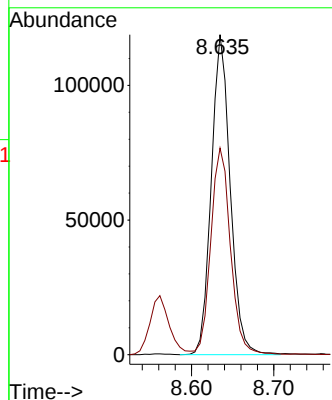
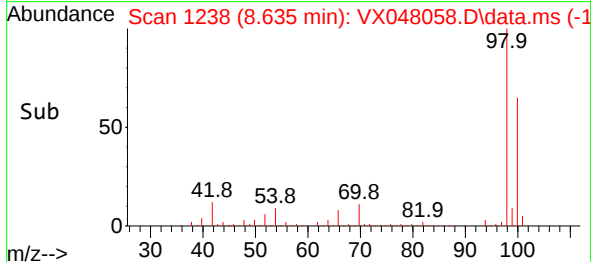
Instrument :
MSVOA_X
ClientSampleId :
ICVX100725



Tgt Ion: 98 Resp: 19012
Ion Ratio Lower Upper
98 100
100 67.2 54.1 81.1

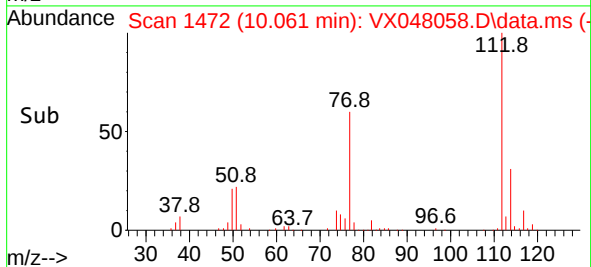
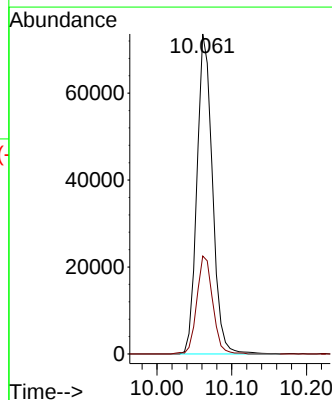
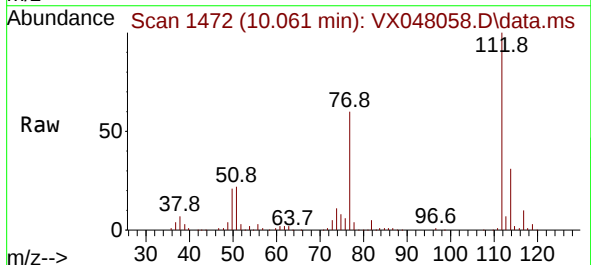
Manual Integrations
APPROVED

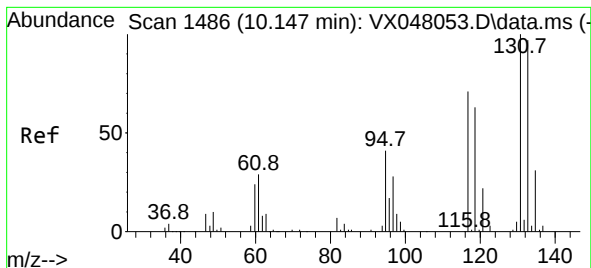
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#64
Chlorobenzene
Concen: 20.584 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

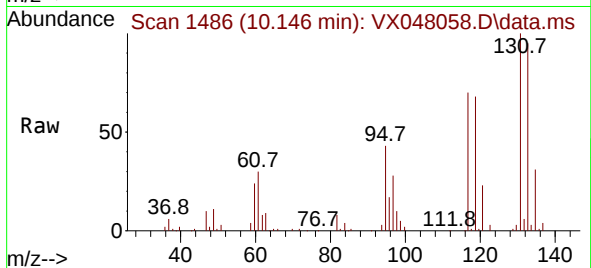
Tgt Ion:112 Resp: 105726
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 19.497 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

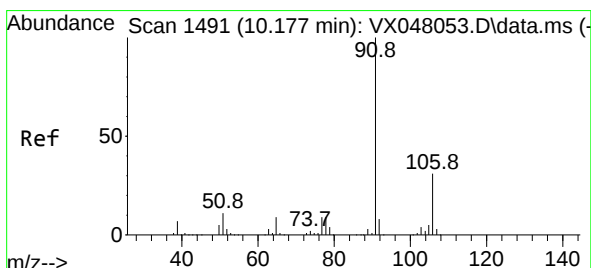
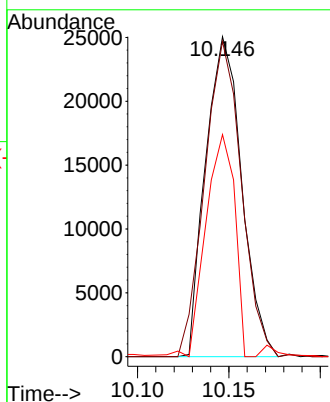
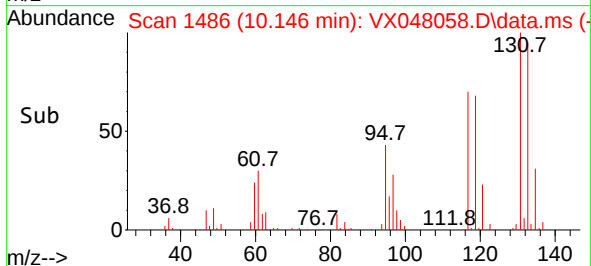
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:131 Resp: 3441
Ion Ratio Lower Upper
131 100
133 100.0 0.0 188.0
119 55.2 0.0 44.4

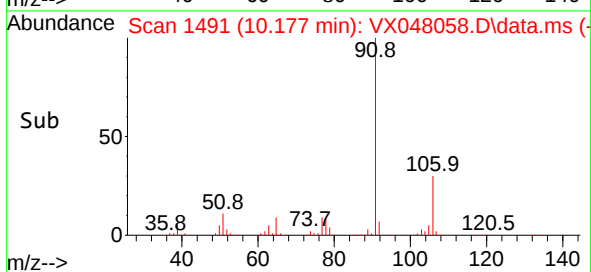
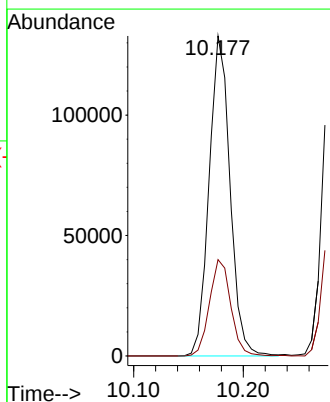
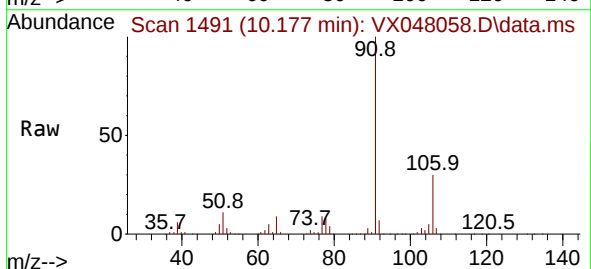
Manual Integrations
APPROVED

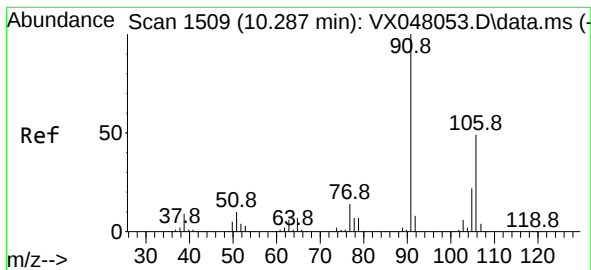
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#66
Ethyl Benzene
Concen: 20.292 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion: 91 Resp: 176385
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6





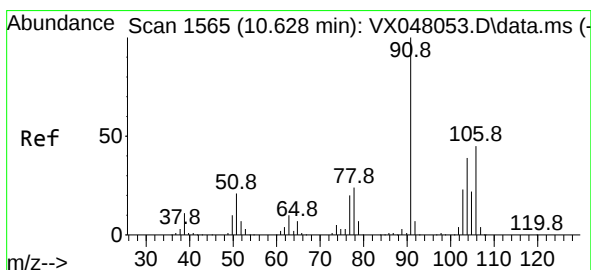
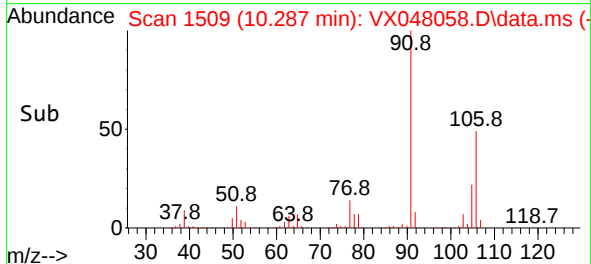
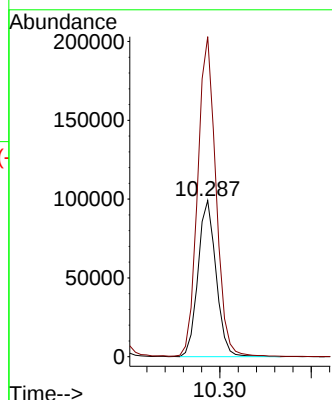
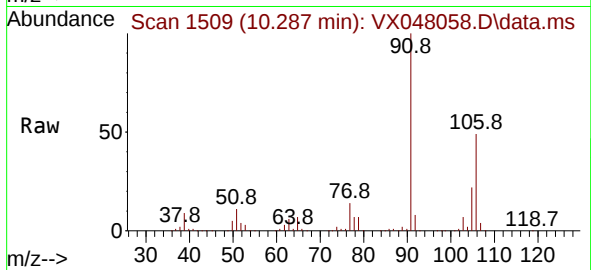
#67
m/p-Xylenes
Concen: 41.372 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725

Tgt Ion:106 Resp: 13602
Ion Ratio Lower Upper
106 100
91 207.5 165.8 248.6

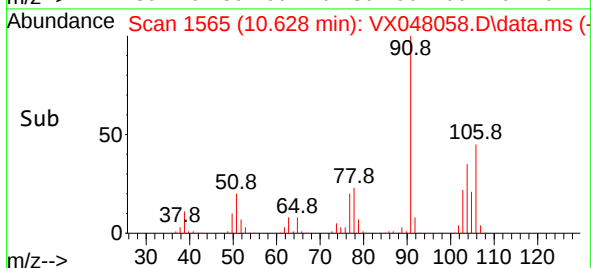
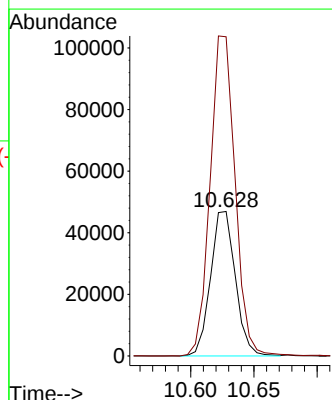
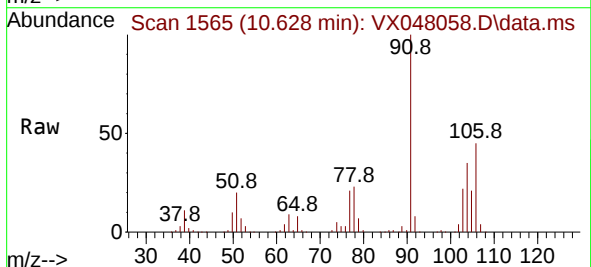
Manual Integrations
APPROVED

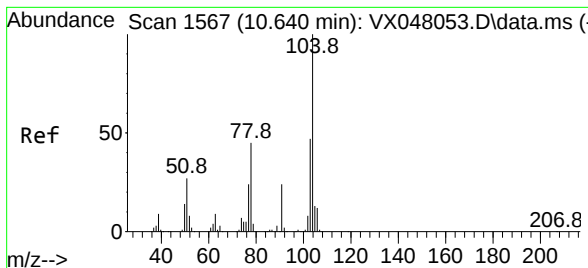
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#68
o-Xylene
Concen: 20.496 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

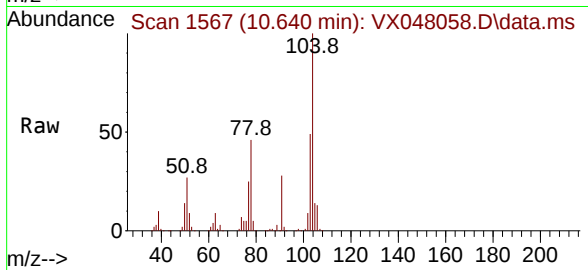
Tgt Ion:106 Resp: 64068
Ion Ratio Lower Upper
106 100
91 222.8 112.6 337.6





#69
Styrene
Concen: 20.540 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

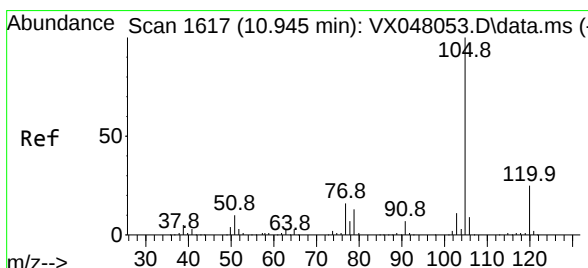
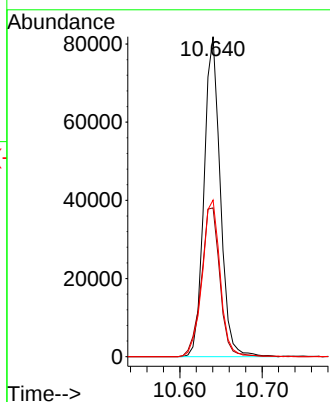
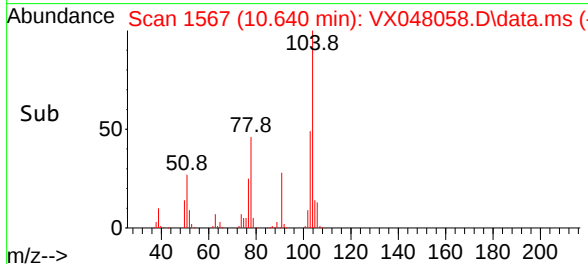
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:104 Resp: 112504
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.0
103 53.9 42.4 63.6

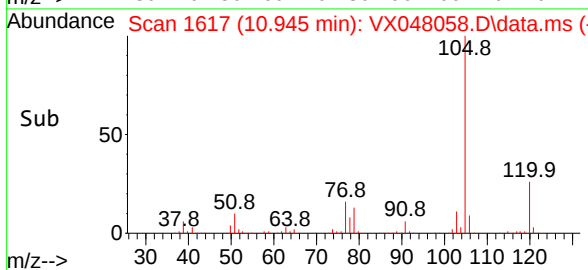
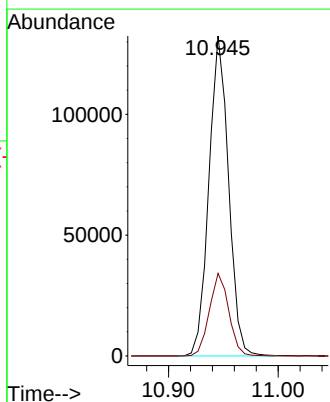
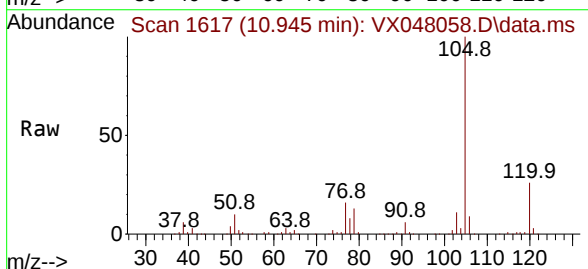
Manual Integrations
APPROVED

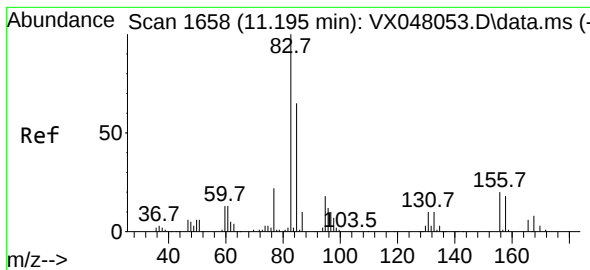
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#70
Isopropylbenzene
Concen: 20.652 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion:105 Resp: 164881
Ion Ratio Lower Upper
105 100
120 25.5 18.3 33.9





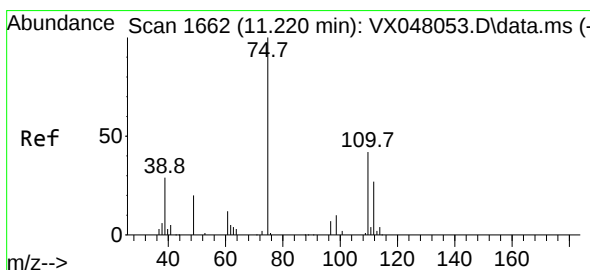
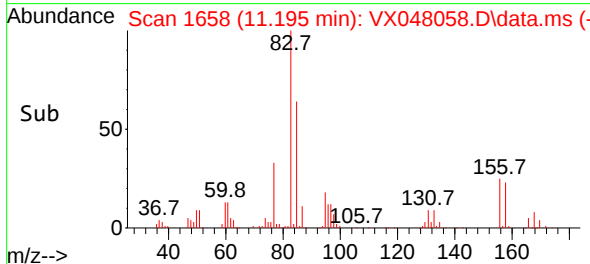
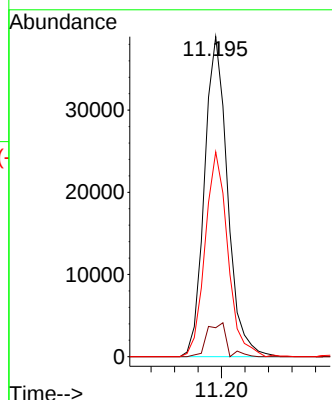
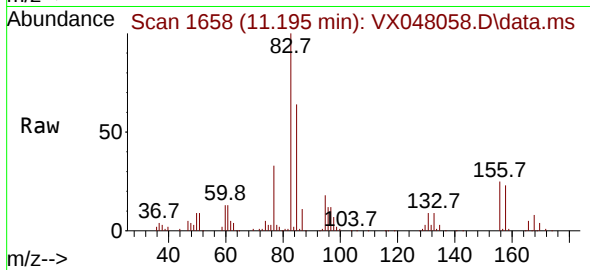
#71
1,1,2,2-Tetrachloroethane
Concen: 21.105 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725

Tgt Ion: 83 Resp: 53080
Ion Ratio Lower Upper
83 100
131 8.1 4.7 14.1
85 62.9 32.0 96.2

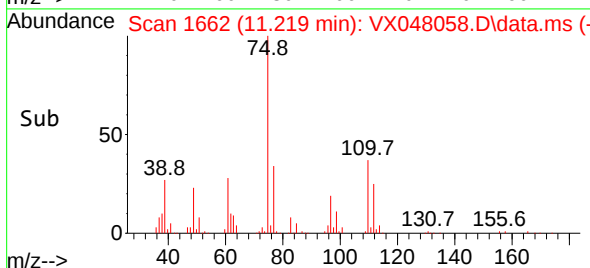
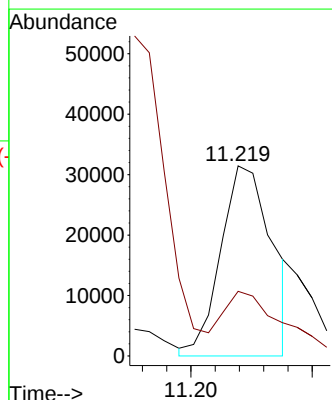
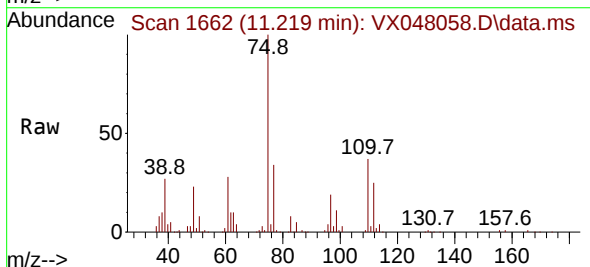
Manual Integrations
APPROVED

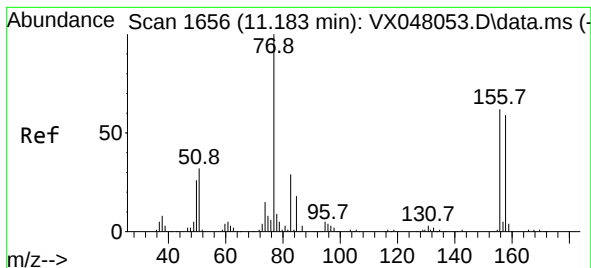
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#72
1,2,3-Trichloropropane
Concen: 21.209 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

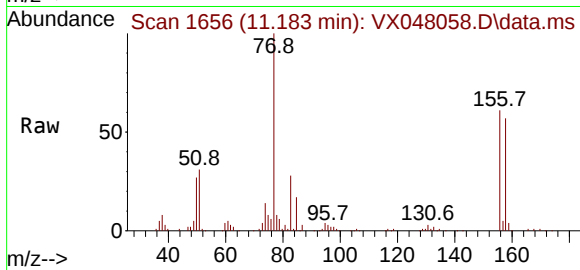
Tgt Ion: 75 Resp: 46217
Ion Ratio Lower Upper
75 100
77 39.3 0.0 76.4





#73
Bromobenzene
Concen: 20.701 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

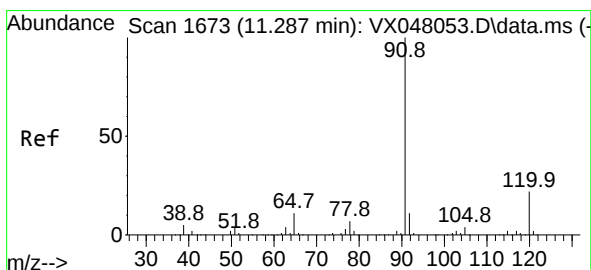
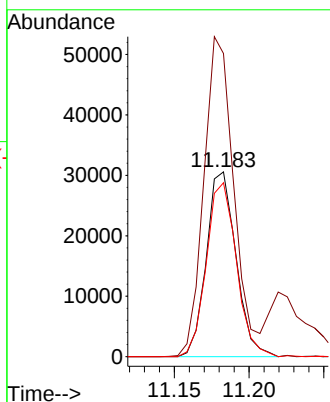
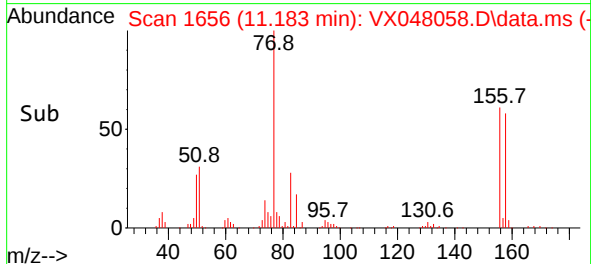
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



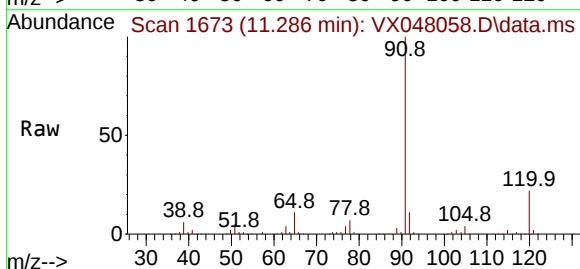
Tgt Ion:156 Resp: 4215
Ion Ratio Lower Upper
156 100
77 174.3 0.0 366.2
158 95.4 0.0 196.8

Manual Integrations
APPROVED

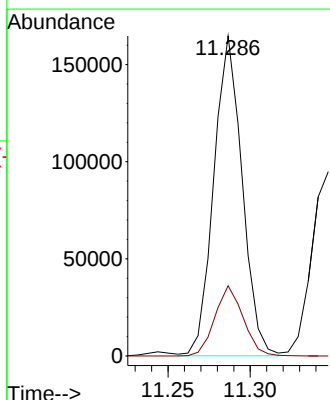
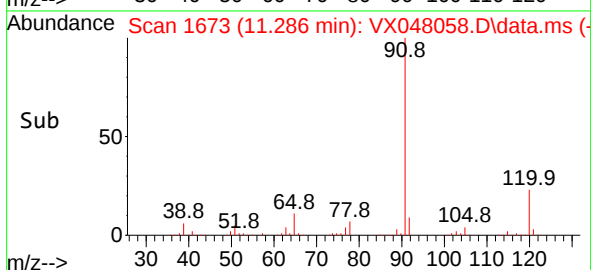
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

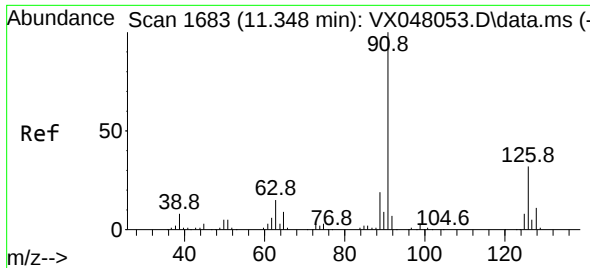


#74
n-propylbenzene
Concen: 20.434 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27



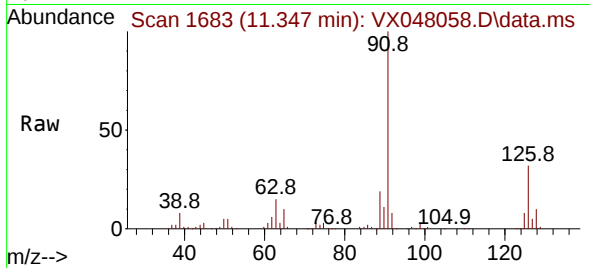
Tgt Ion: 91 Resp: 197329
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.2





#75
2-Chlorotoluene
Concen: 20.833 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

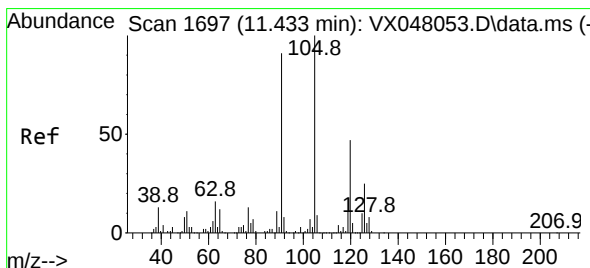
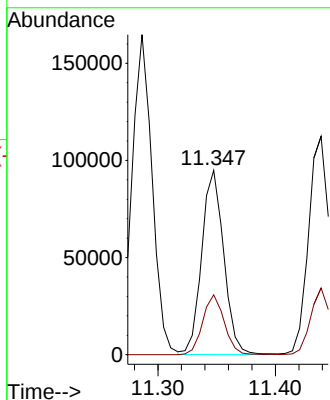
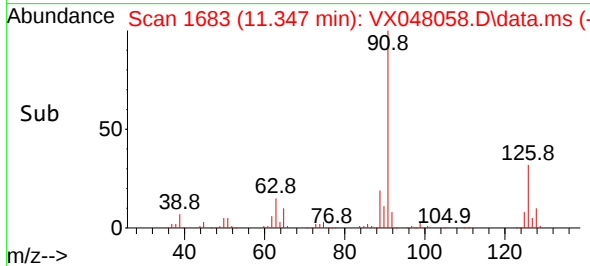
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



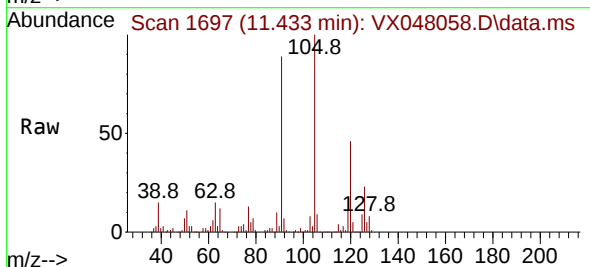
Tgt Ion: 91 Resp: 12355
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.2

Manual Integrations
APPROVED

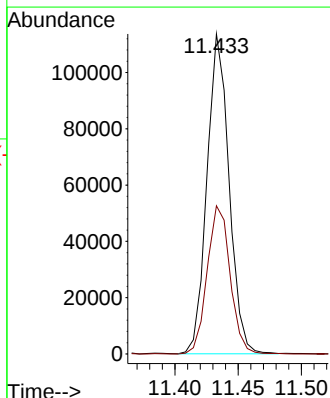
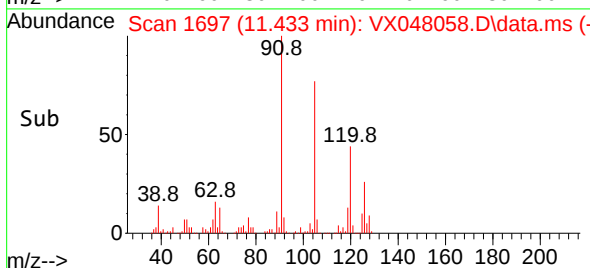
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

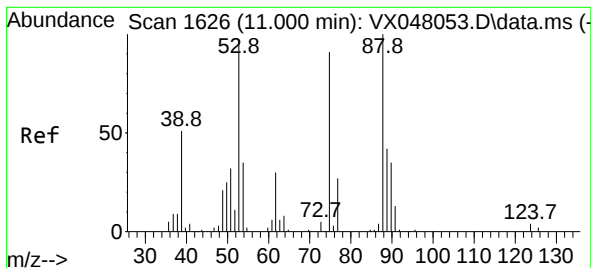


#76
1,3,5-Trimethylbenzene
Concen: 20.796 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27



Tgt Ion:105 Resp: 137993
Ion Ratio Lower Upper
105 100
120 48.1 0.0 95.4





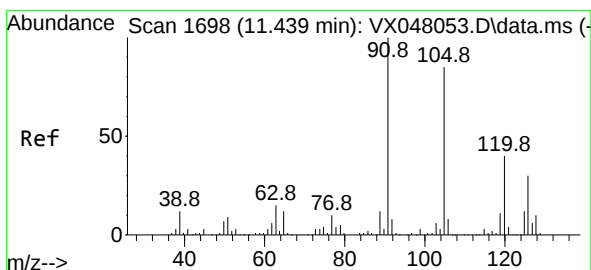
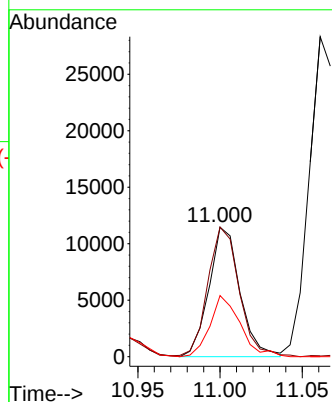
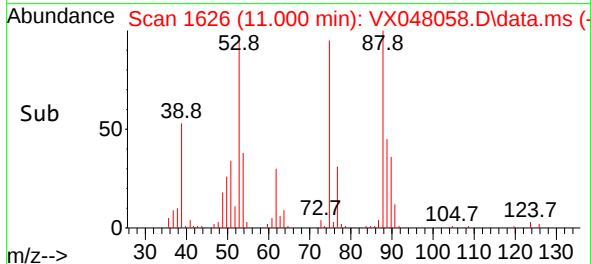
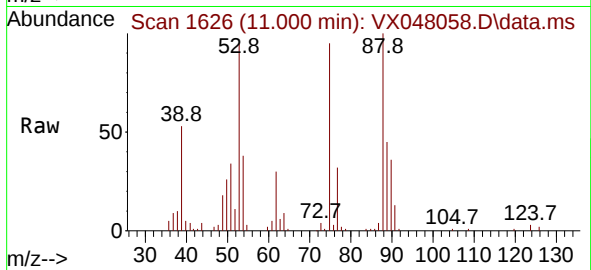
#77
t-1,4-Dichloro-2-butene
Concen: 19.658 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Instrument :
MSVOA_X
ClientSampleId :
ICVX100725

Tgt Ion: 75 Resp: 1503
Ion Ratio Lower Upper
75 100
53 99.2 53.7 161.1
89 47.3 23.2 69.5

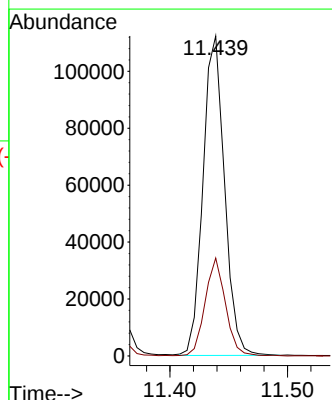
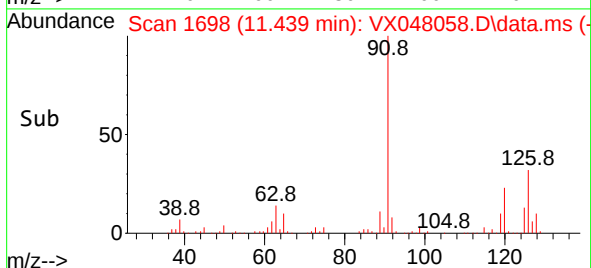
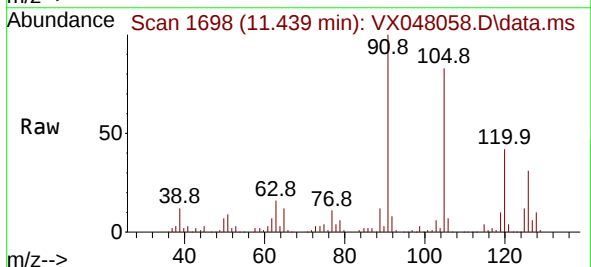
Manual Integrations
APPROVED

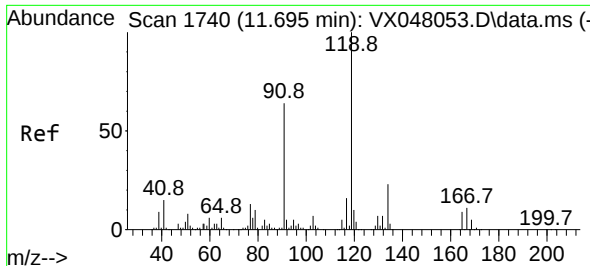
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#78
4-Chlorotoluene
Concen: 20.541 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

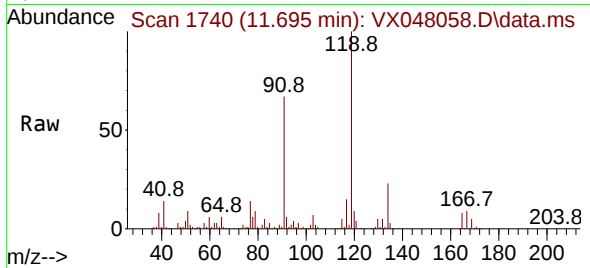
Tgt Ion: 91 Resp: 142592
Ion Ratio Lower Upper
91 100
126 29.0 0.0 57.2





#79
tert-butylbenzene
Concen: 20.515 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

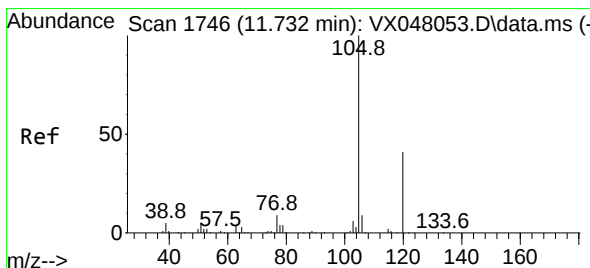
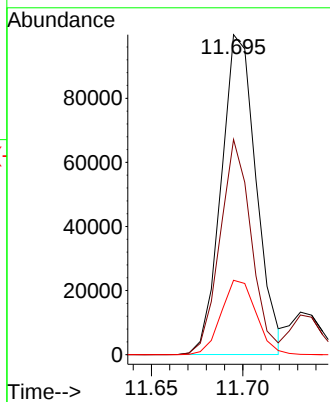
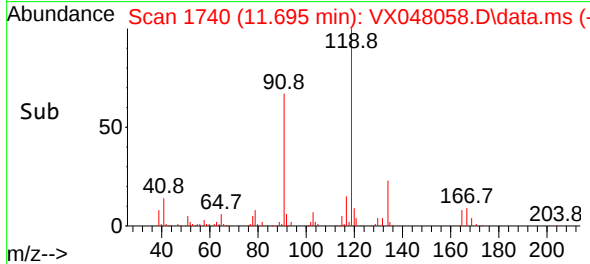
Instrument :
MSVOA_X
ClientSampleId :
ICVXX100725



Tgt Ion:119 Resp: 132680
Ion Ratio Lower Upper
119 100
91 60.7 0.0 119.0
134 23.3 0.0 46.4

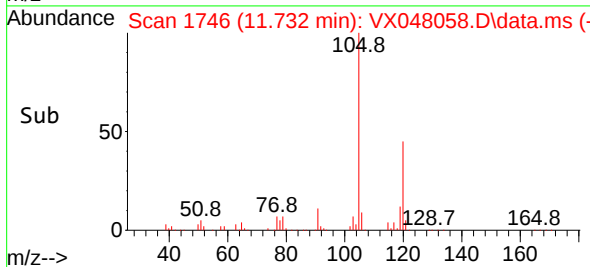
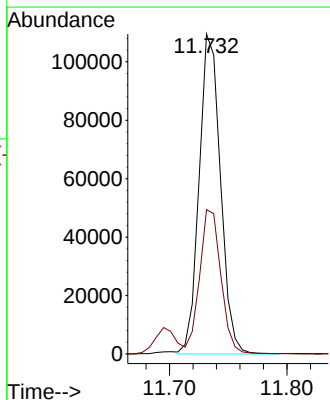
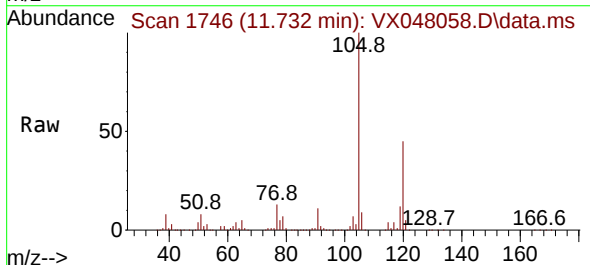
Manual Integrations
APPROVED

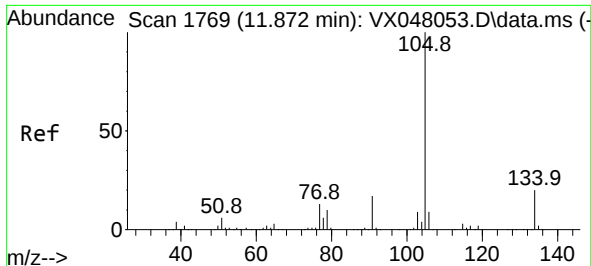
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.865 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

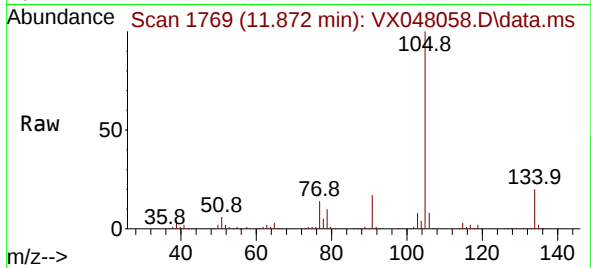
Tgt Ion:105 Resp: 138276
Ion Ratio Lower Upper
105 100
120 45.1 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 20.869 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

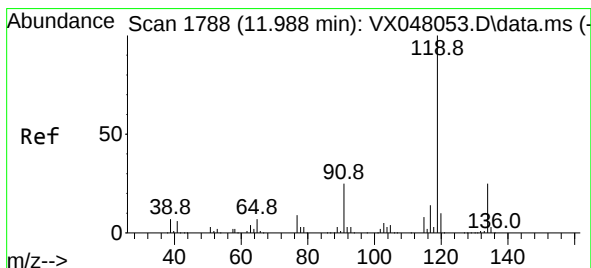
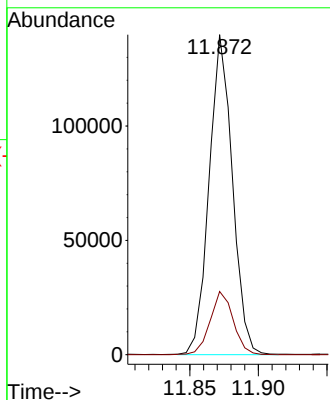
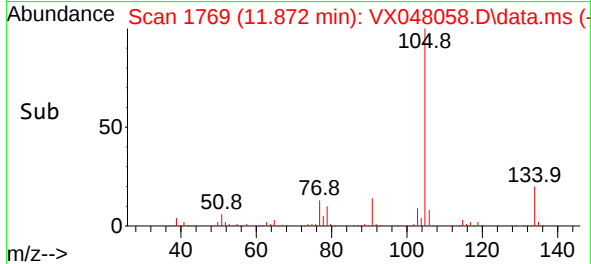
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100725



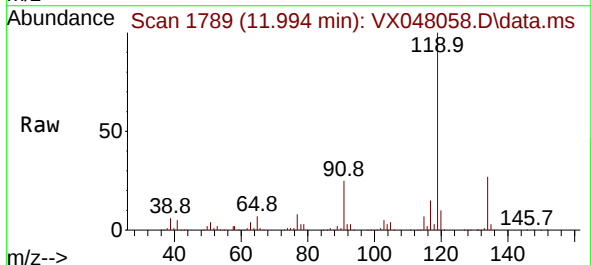
Tgt Ion:105 Resp: 16495
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

Manual Integrations
 APPROVED

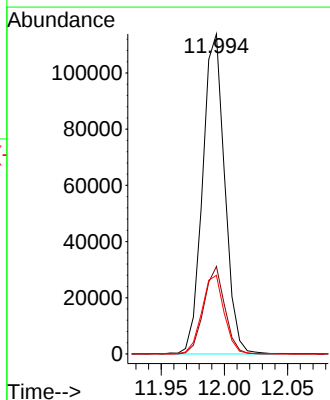
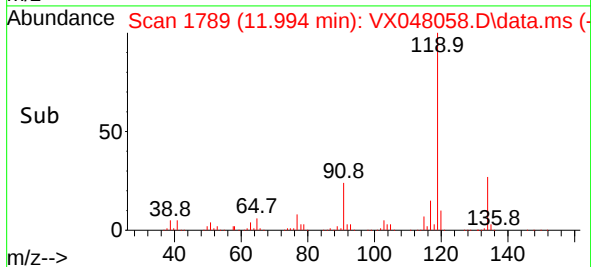
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025

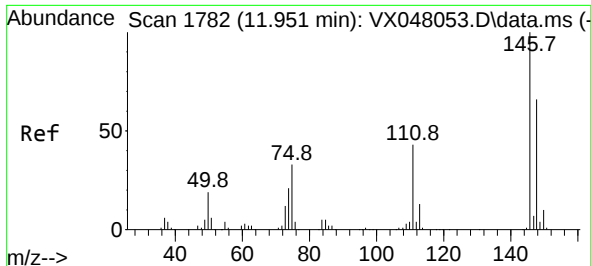


#82
 p-Isopropyltoluene
 Concen: 21.122 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27



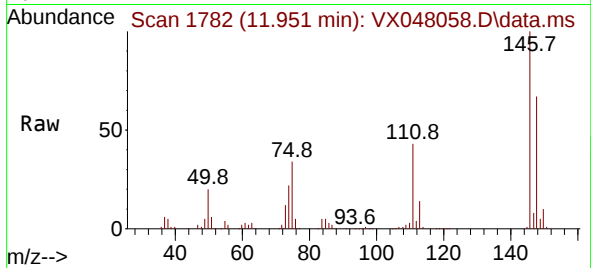
Tgt Ion:119 Resp: 138491
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.6
 91 24.9 0.0 49.8





#83
1,3-Dichlorobenzene
Concen: 20.600 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

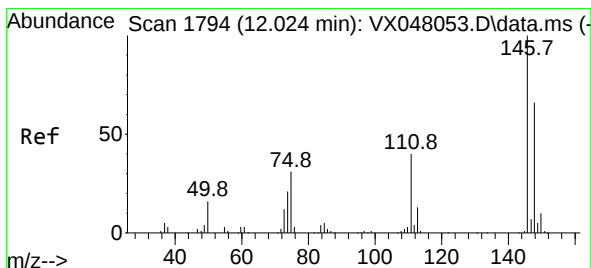
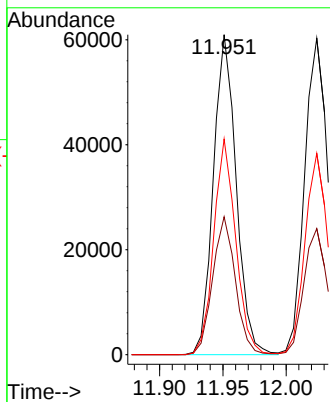
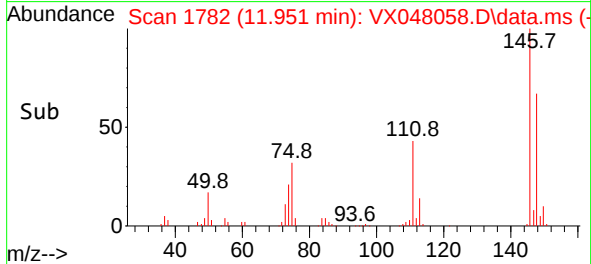
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



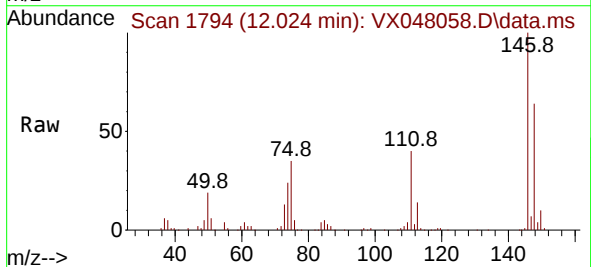
Tgt Ion:146 Resp: 76439
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.8
148 65.1 32.7 98.1

Manual Integrations
APPROVED

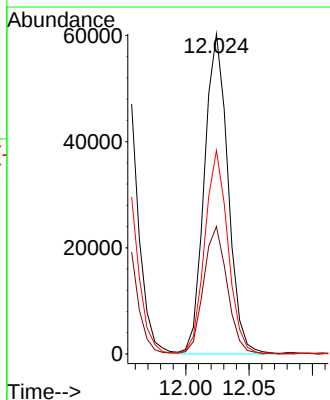
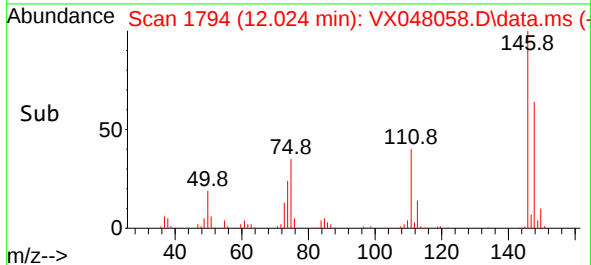
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

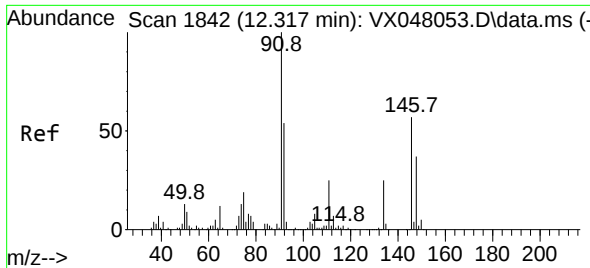


#84
1,4-Dichlorobenzene
Concen: 20.909 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27



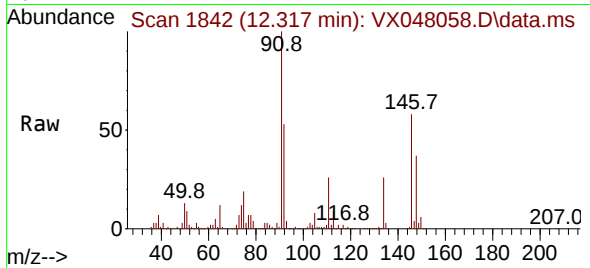
Tgt Ion:146 Resp: 78259
Ion Ratio Lower Upper
146 100
111 39.9 20.6 61.8
148 62.4 32.6 98.0





#85
n-Butylbenzene
Concen: 20.686 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

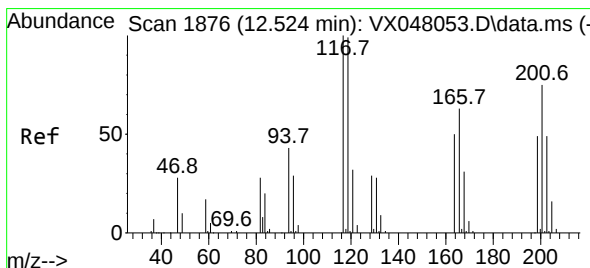
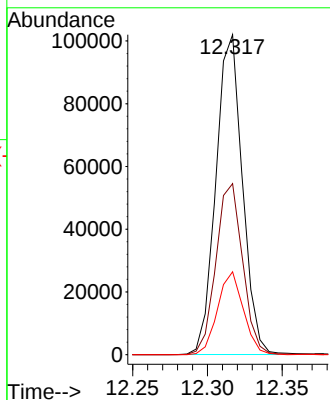
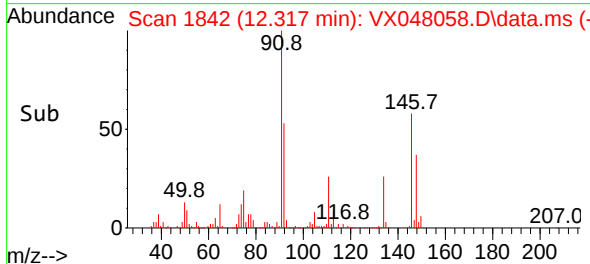
Instrument :
MSVOA_X
ClientSampleId :
ICVX100725



Tgt Ion: 91 Resp: 125614
Ion Ratio Lower Upper
91 100
92 54.2 0.0 106.8
134 25.3 0.0 48.4

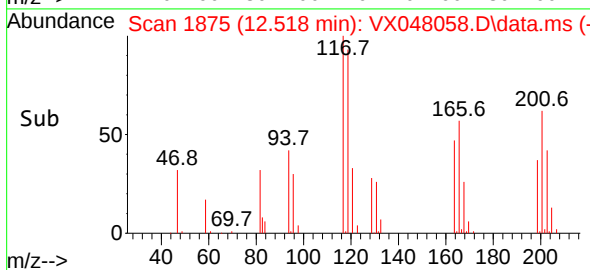
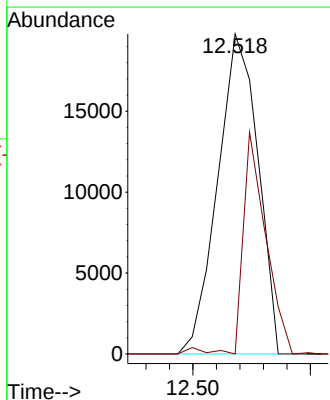
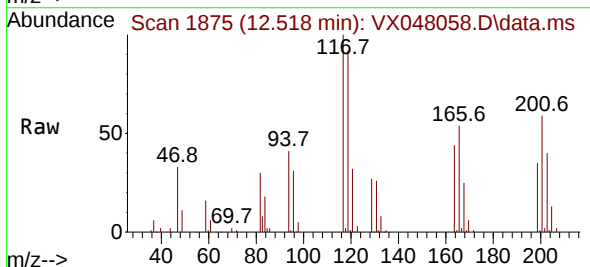
Manual Integrations
APPROVED

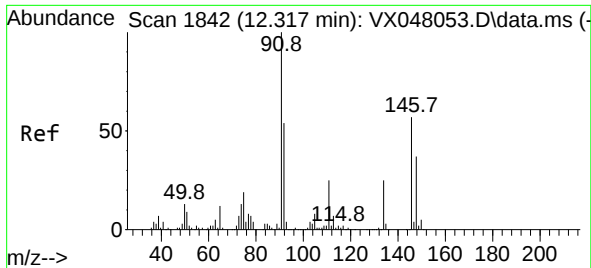
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#86
Hexachloroethane
Concen: 22.403 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion:117 Resp: 23511
Ion Ratio Lower Upper
117 100
201 38.3 14.6 44.0





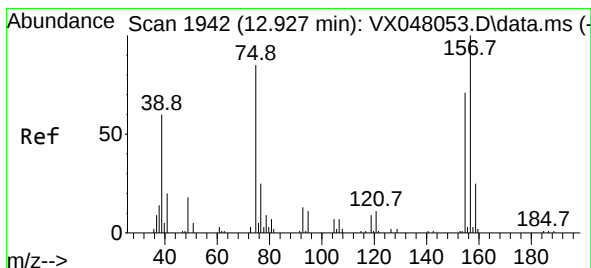
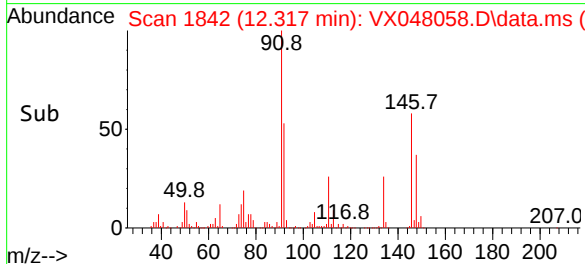
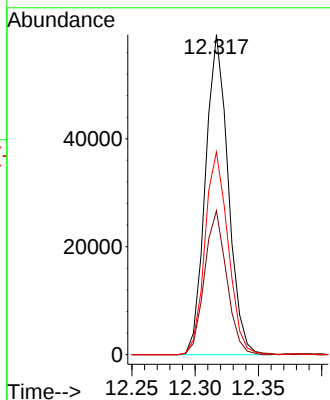
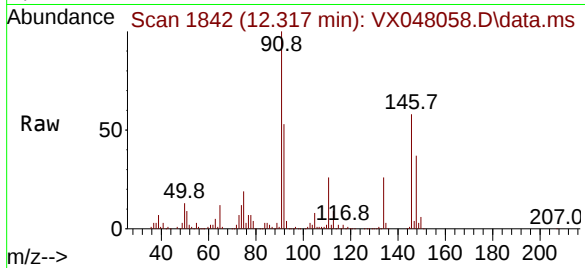
#87
 1,2-Dichlorobenzene
 Concen: 20.869 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

Instrument : MSVOA_X
 ClientSampleId : ICVVX100725

Tgt Ion:146 Resp: 7420
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.7 65.1
 148 64.7 31.9 95.9

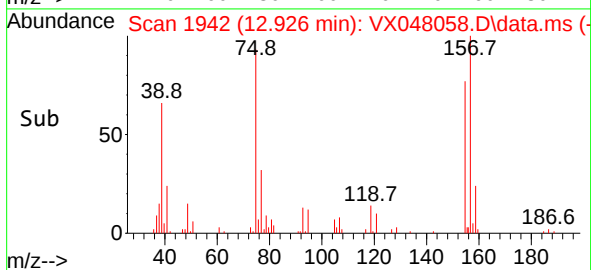
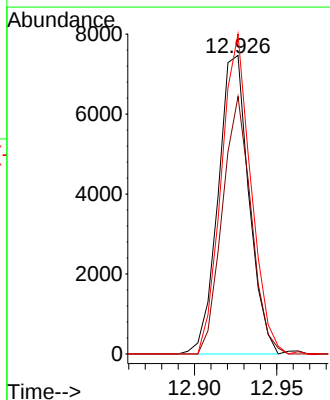
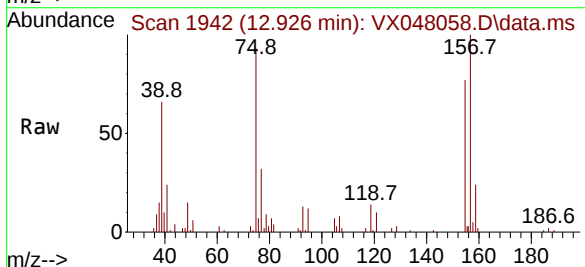
Manual Integrations
 APPROVED

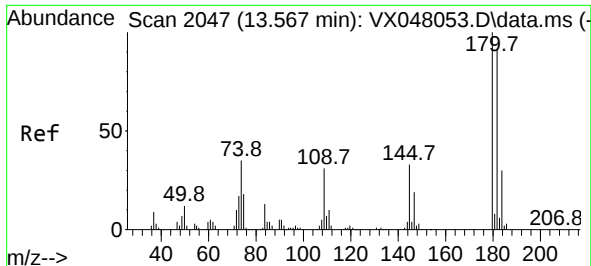
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.787 ug/l
 RT: 12.926 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VX048058.D
 Acq: 07 Oct 2025 19:27

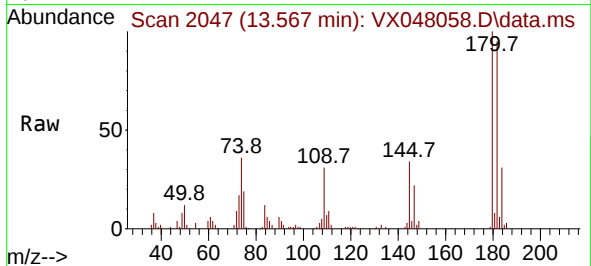
Tgt Ion: 75 Resp: 9731
 Ion Ratio Lower Upper
 75 100
 155 80.3 62.8 94.2
 157 102.8 81.1 121.7





#89
1,2,4-Trichlorobenzene
Concen: 20.405 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

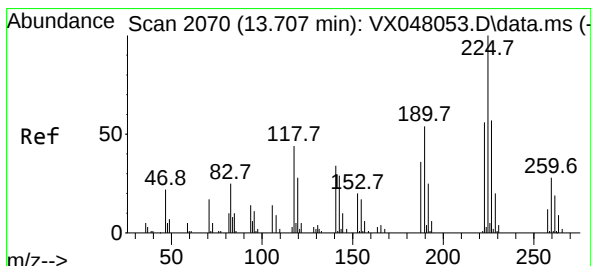
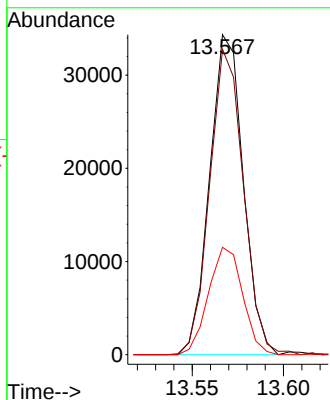
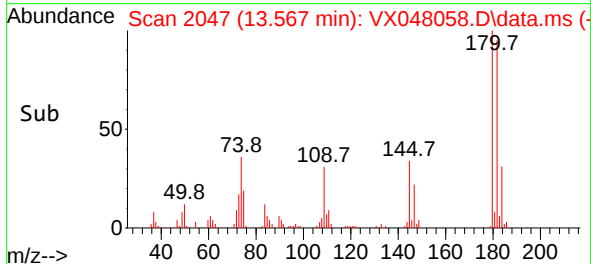
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:180 Resp: 4388
Ion Ratio Lower Upper
180 100
182 95.8 73.4 110.0
145 34.2 26.2 39.4

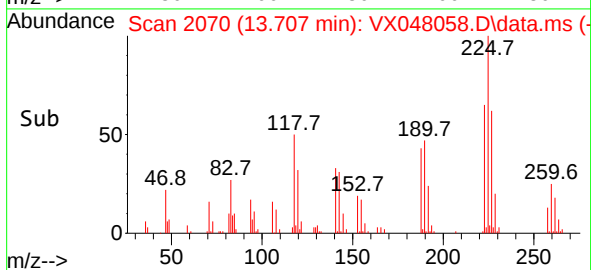
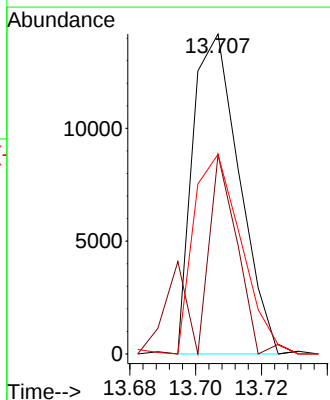
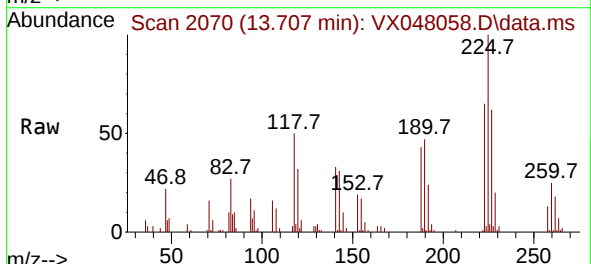
Manual Integrations
APPROVED

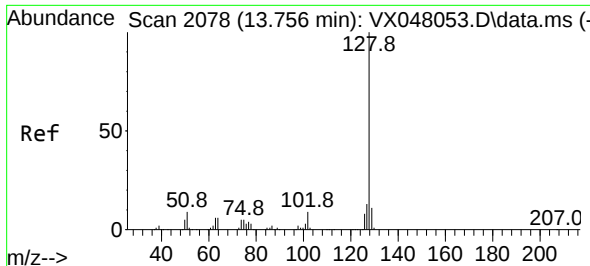
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#90
Hexachlorobutadiene
Concen: 29.338 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

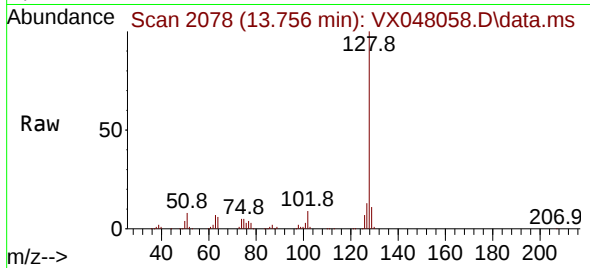
Tgt Ion:225 Resp: 13851
Ion Ratio Lower Upper
225 100
223 36.1 0.0 130.0
227 64.2 0.0 63.0#





#91
Naphthalene
Concen: 20.118 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

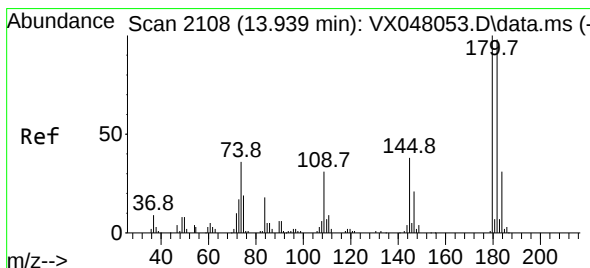
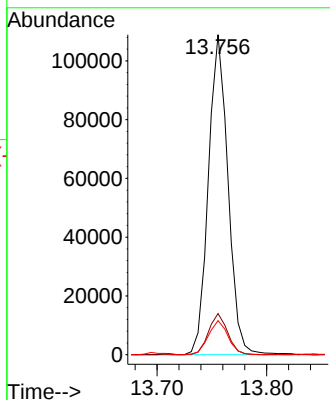
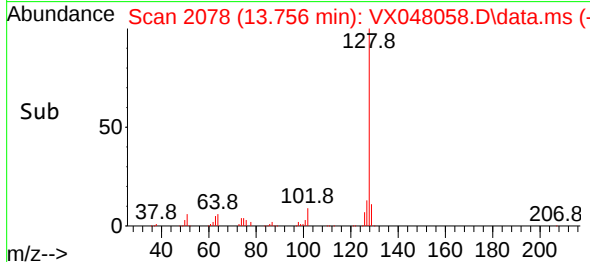
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100725



Tgt Ion:128 Resp: 135218
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.788 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048058.D
Acq: 07 Oct 2025 19:27

Tgt Ion:180 Resp: 43507
Ion Ratio Lower Upper
180 100
182 95.9 0.0 190.0
145 34.8 0.0 72.2

