

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048386.D
 Acq On : 28 Oct 2025 10:24
 Operator : JC/MD
 Sample : VX1028WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/29/2025
 Supervised By : Mahesh Dadoda 10/29/2025

Quant Time: Oct 29 01:14:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	147070	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	253190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118468	57.452	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.900%			
35) Dibromofluoromethane	5.361	113	74082	42.859	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 85.720%			
50) Toluene-d8	8.628	98	323768	53.439	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.880%			
62) 4-Bromofluorobenzene	11.061	95	120928	52.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	25550	16.899	ug/l	95
3) Chloromethane	1.300	50	13753	9.745	ug/l	99
4) Vinyl Chloride	1.380	62	34848	26.667	ug/l	100
5) Bromomethane	1.617	94	13338	15.040	ug/l	94
6) Chloroethane	1.697	64	21711	28.273	ug/l	97
7) Trichlorofluoromethane	1.898	101	57995	23.140	ug/l	98
8) Diethyl Ether	2.130	74	21822	30.944	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	32922	20.744	ug/l	98
10) Methyl Iodide	2.453	142	119043	59.666	ug/l	100
11) Tert butyl alcohol	2.928	59	16082	78.551	ug/l	100
12) 1,1-Dichloroethene	2.325	96	31530	20.420	ug/l	97
13) Acrolein	2.233	56	24036	115.112	ug/l	97
14) Allyl chloride	2.666	41	55786	21.762	ug/l	99
15) Acrylonitrile	3.050	53	77405	104.850	ug/l	99
16) Acetone	2.367	43	50560	71.474	ug/l	99
17) Carbon Disulfide	2.514	76	86023	17.677	ug/l	99
18) Methyl Acetate	2.697	43	33550	22.710	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	111526	21.173	ug/l	99
20) Methylene Chloride	2.782	84	36183	20.992	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33780	19.917	ug/l	97
22) Diisopropyl ether	3.745	45	124183	24.288	ug/l	98
23) Vinyl Acetate	3.709	43	446839	109.405	ug/l	99
24) 1,1-Dichloroethane	3.605	63	67852	21.947	ug/l	97
25) 2-Butanone	4.532	43	82665	92.324	ug/l	98
26) 2,2-Dichloropropane	4.465	77	57227	20.507	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	40920	20.673	ug/l	97
28) Bromochloromethane	4.885	49	27093	21.135	ug/l	97
29) Tetrahydrofuran	4.983	42	56094	104.605	ug/l	99
30) Chloroform	5.074	83	69364	21.000	ug/l	99
31) Cyclohexane	5.452	56	55542	21.700	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	61542	20.216	ug/l	99
36) 1,1-Dichloropropene	5.678	75	46129	18.776	ug/l	98
37) Ethyl Acetate	4.690	43	40930	20.100	ug/l	97
38) Carbon Tetrachloride	5.659	117	53474	17.642	ug/l	98
39) Methylcyclohexane	7.360	83	57127	19.689	ug/l	97
40) Benzene	6.019	78	143594	20.131	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	21423	20.033	ug/l	97
42) 1,2-Dichloroethane	6.062	62	54167	20.580	ug/l	100
43) Isopropyl Acetate	6.318	43	71726	21.443	ug/l	99
44) Trichloroethene	7.104	130	36238	19.240	ug/l	96
45) 1,2-Dichloropropane	7.409	63	36737	21.663	ug/l	99
46) Dibromomethane	7.562	93	25874	19.583	ug/l	97
47) Bromodichloromethane	7.799	83	57167	20.040	ug/l	97
48) Methyl methacrylate	7.671	41	35028	20.753	ug/l	98
49) 1,4-Dioxane	7.641	88	7760	347.994	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	199099	103.236	ug/l	99
52) Toluene	8.702	92	89799	19.817	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	52804	19.208	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	56592	19.080	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	33956	20.150	ug/l	96
56) Ethyl methacrylate	9.098	69	49497	20.082	ug/l	99
57) 1,3-Dichloropropane	9.293	76	60227	20.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	119963	91.599	ug/l	99
59) 2-Hexanone	9.415	43	132346	98.414	ug/l	100
60) Dibromochloromethane	9.506	129	41829	18.468	ug/l	99
61) 1,2-Dibromoethane	9.592	107	35420	19.716	ug/l	97
64) Tetrachloroethene	9.256	164	33699	19.834	ug/l	98
65) Chlorobenzene	10.061	112	100412	19.612	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	36140	19.218	ug/l	98
67) Ethyl Benzene	10.177	91	169088	19.397	ug/l	99
68) m/p-Xylenes	10.287	106	129267	39.912	ug/l	99
69) o-Xylene	10.622	106	61671	19.723	ug/l	98
70) Styrene	10.640	104	106581	20.018	ug/l	100
71) Bromoform	10.780	173	24946	16.598	ug/l #	97
73) Isopropylbenzene	10.945	105	161663	19.852	ug/l	100
74) N-amyl acetate	10.823	43	62032	21.474	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	42859	19.272	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	38420m	21.249	ug/l	
77) Bromobenzene	11.183	156	40108	19.642	ug/l	98
78) n-propylbenzene	11.286	91	193025	20.472	ug/l	100
79) 2-Chlorotoluene	11.347	91	114466	20.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	136345	20.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	9461	12.731	ug/l #	67
82) 4-Chlorotoluene	11.433	91	135382	19.950	ug/l	99
83) tert-Butylbenzene	11.695	119	137704	19.887	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	134649	20.020	ug/l	100
85) sec-Butylbenzene	11.872	105	169504	20.347	ug/l	99
86) p-Isopropyltoluene	11.988	119	143954	19.992	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	72254	18.770	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	74158	18.596	ug/l	98
89) n-Butylbenzene	12.311	91	132076	20.152	ug/l	99
90) Hexachloroethane	12.518	117	25067	17.629	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	68669	19.000	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	8255	18.287	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	45212	18.498	ug/l	98
94) Hexachlorobutadiene	13.707	225	19254	21.061	ug/l	97
95) Naphthalene	13.756	128	123109	19.012	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	43441	19.369	ug/l	99

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Response via : Initial Calibration

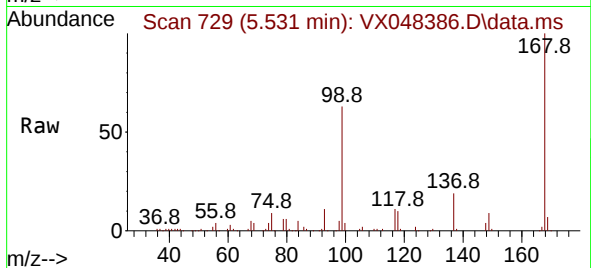
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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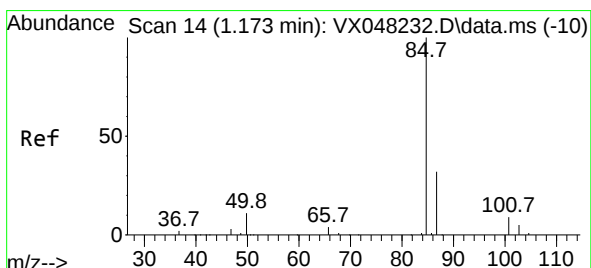
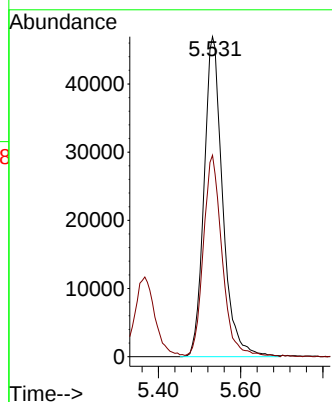
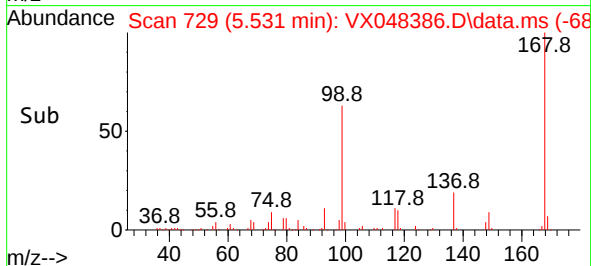
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion:168 Resp: 147070
Ion Ratio Lower Upper
168 100
99 62.9 46.4 69.6

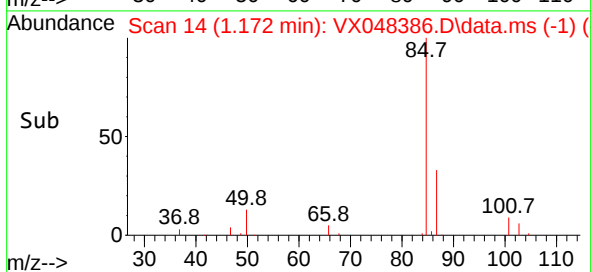
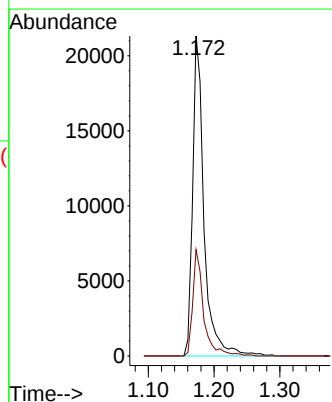
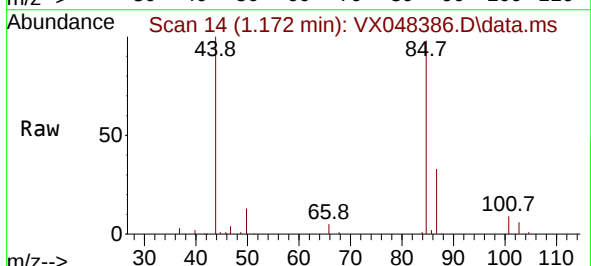
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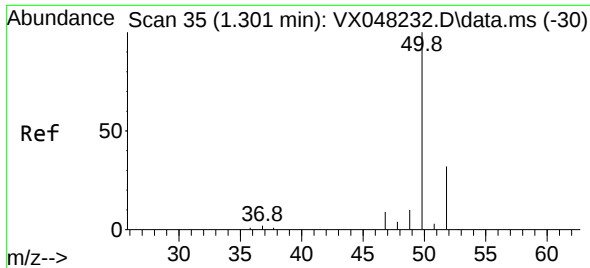
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#2
Dichlorodifluoromethane
Concen: 16.899 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

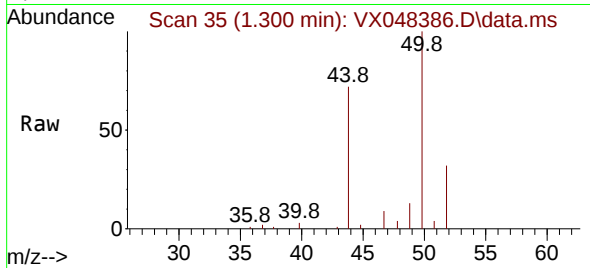
Tgt Ion: 85 Resp: 25550
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





#3
Chloromethane
Concen: 9.745 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

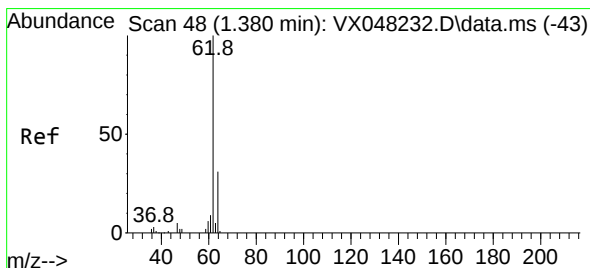
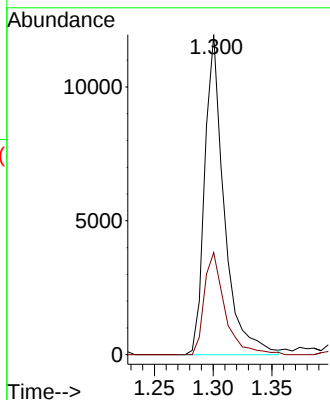
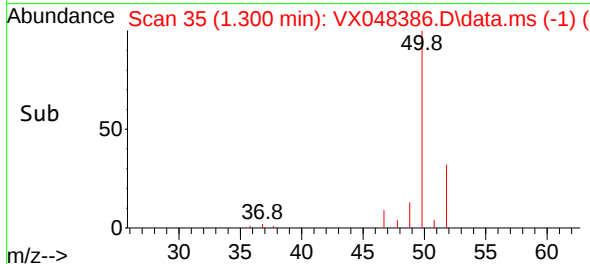
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Tgt Ion: 50 Resp: 1375
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9

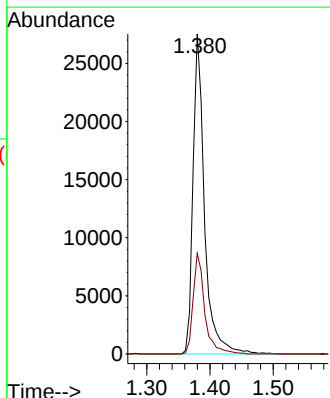
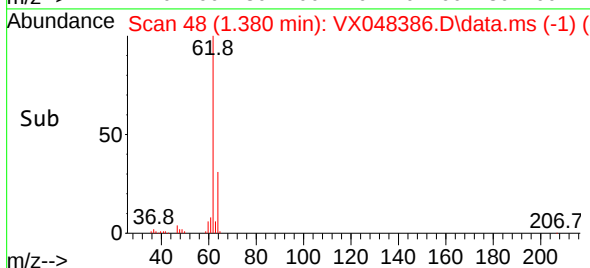
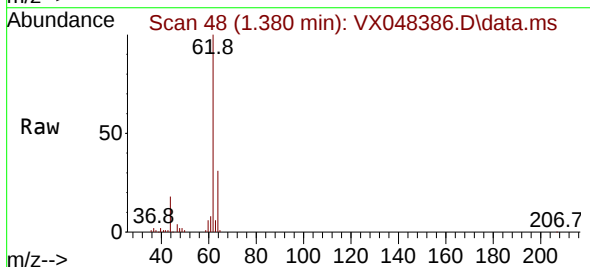
Manual Integrations
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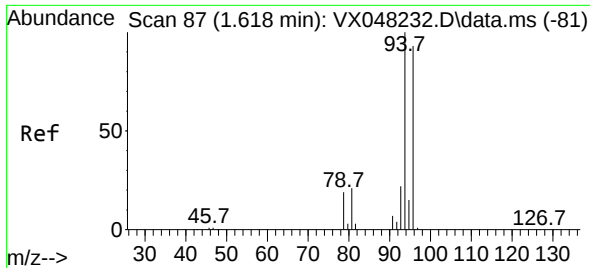
Reviewed By :John Carlone 10/29/2025
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#4
Vinyl Chloride
Concen: 26.667 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048386.D
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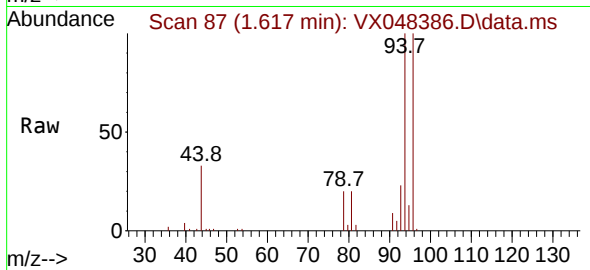
Tgt Ion: 62 Resp: 34848
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5
Bromomethane
Concen: 15.040 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

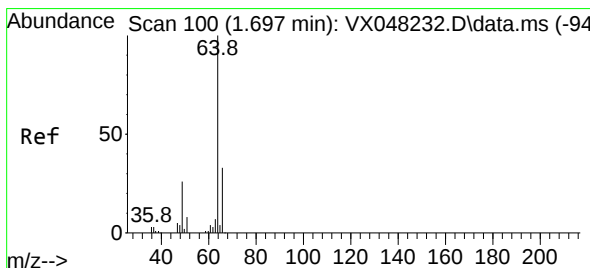
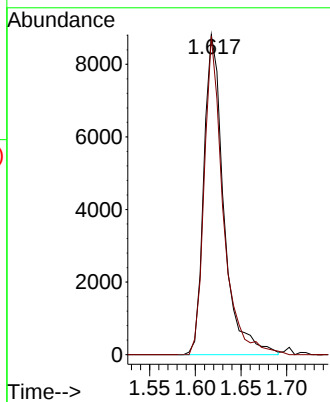
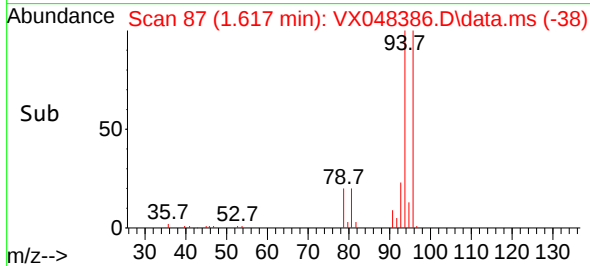
Instrument :
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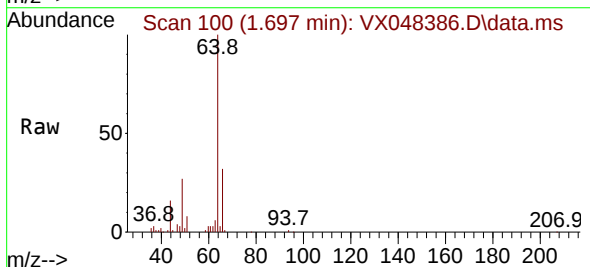
Tgt Ion: 94 Resp: 13338
Ion Ratio Lower Upper
94 100
96 100.8 76.0 114.0

Manual Integrations
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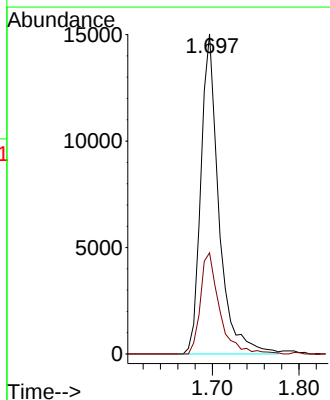
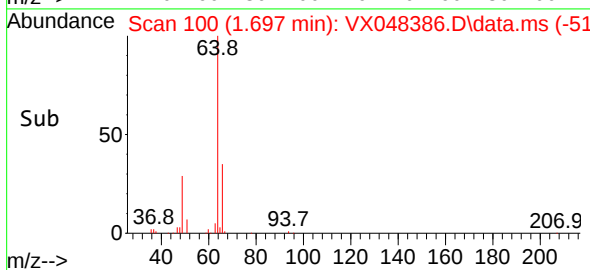
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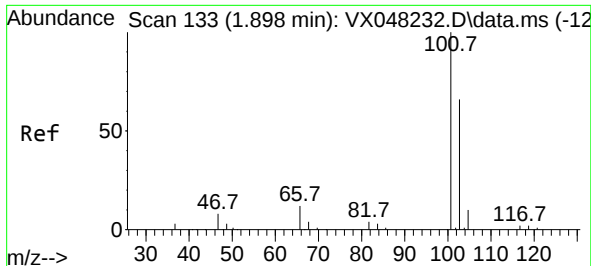


#6
Chloroethane
Concen: 28.273 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



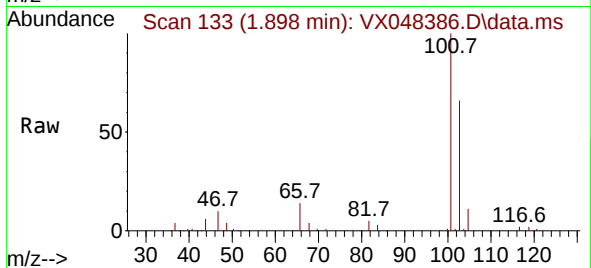
Tgt Ion: 64 Resp: 21711
Ion Ratio Lower Upper
64 100
66 31.6 23.9 35.9





#7
Trichlorofluoromethane
Concen: 23.140 ug/l
RT: 1.898 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX048386.D
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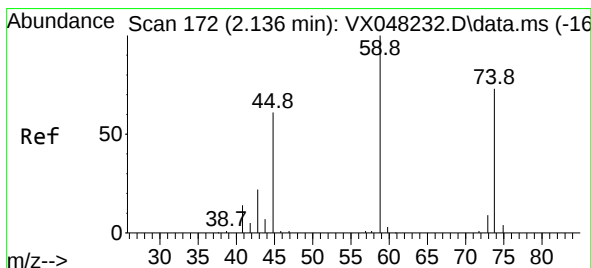
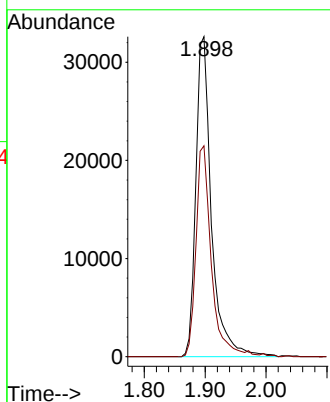
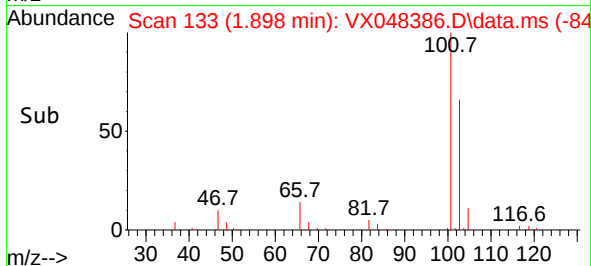
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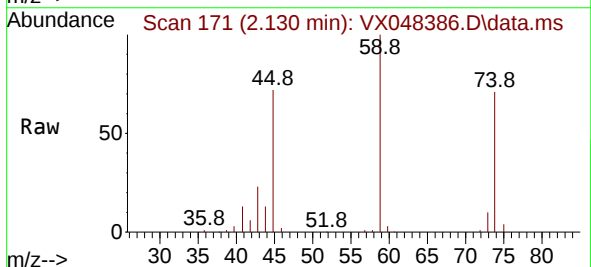
Tgt Ion:101 Resp: 5799
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

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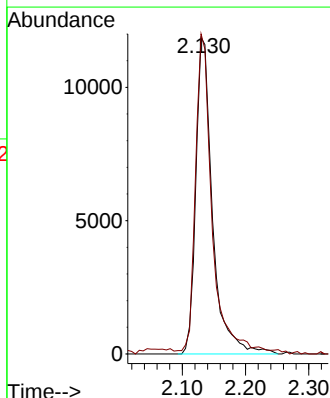
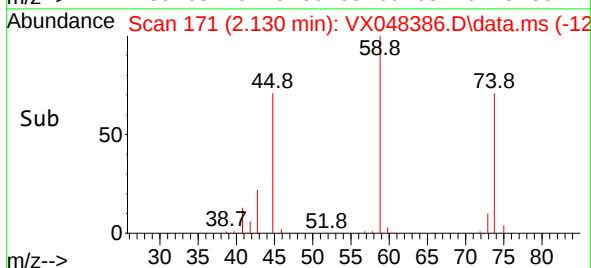
Reviewed By :John Carlone 10/29/2025
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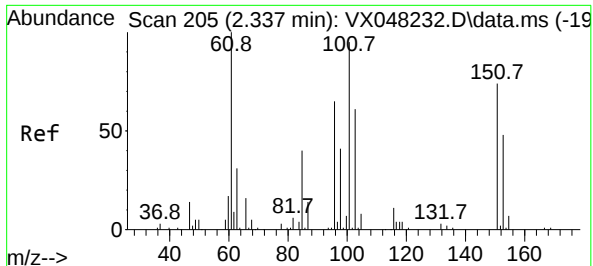


#8
Diethyl Ether
Concen: 30.944 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 74 Resp: 21822
Ion Ratio Lower Upper
74 100
45 102.4 50.0 149.8





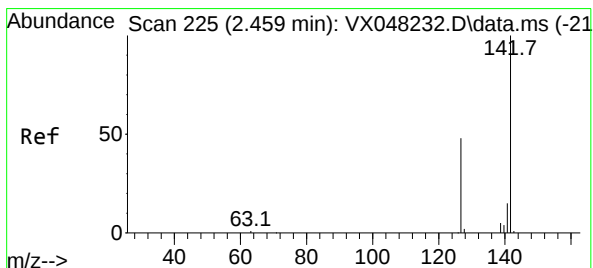
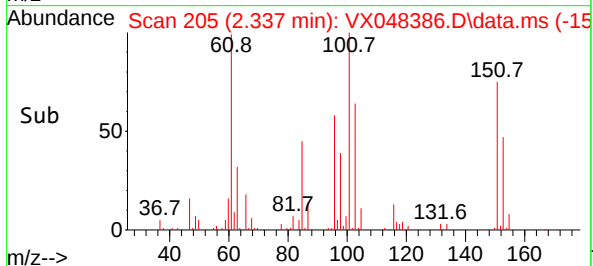
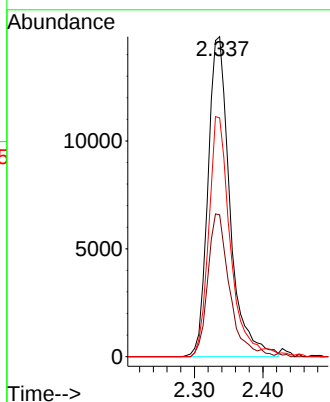
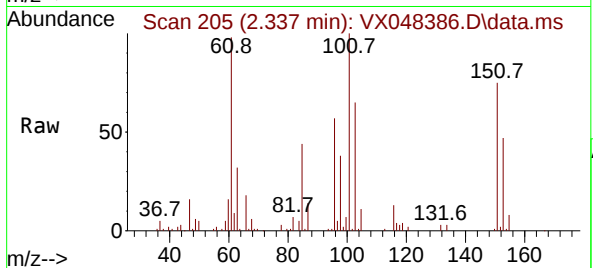
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.744 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048386.D
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VX1028WBSD01

Tgt Ion:101 Resp: 3292
Ion Ratio Lower Upper
101 100
85 44.4 35.6 53.4
151 74.7 58.0 87.0

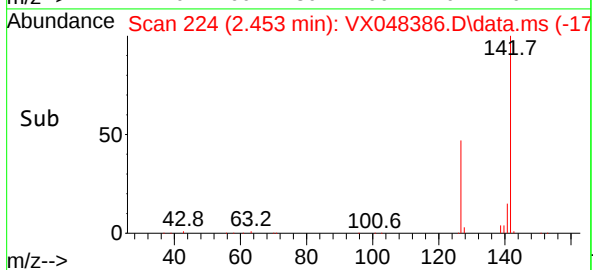
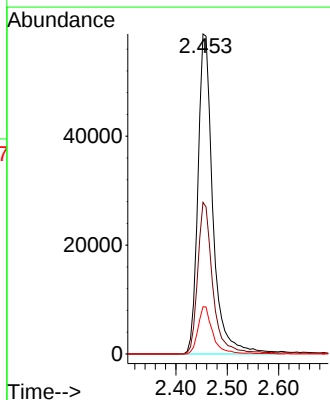
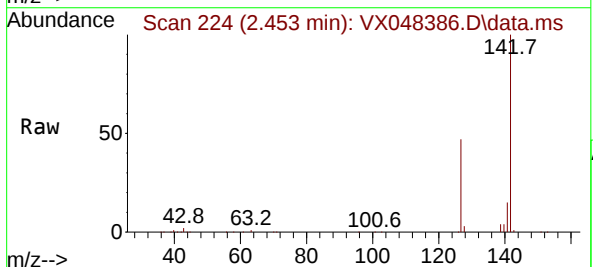
Manual Integrations
APPROVED

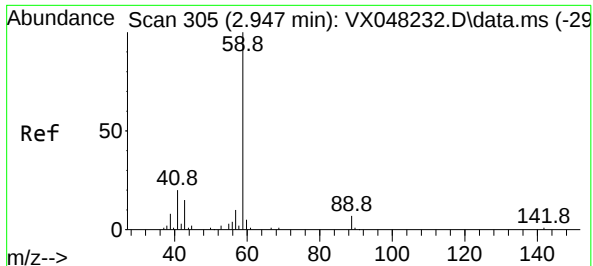
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 59.666 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion:142 Resp: 119043
Ion Ratio Lower Upper
142 100
127 48.1 38.5 57.7
141 14.5 11.6 17.4





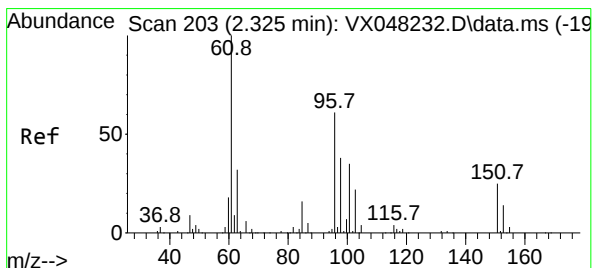
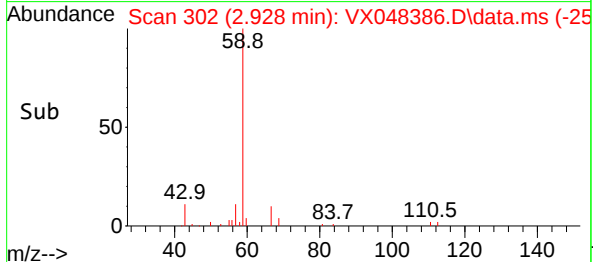
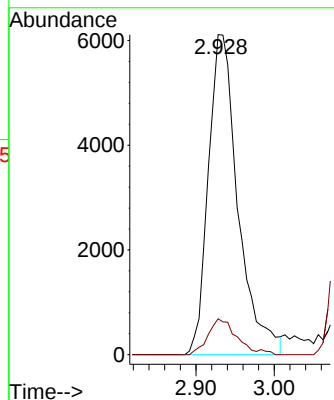
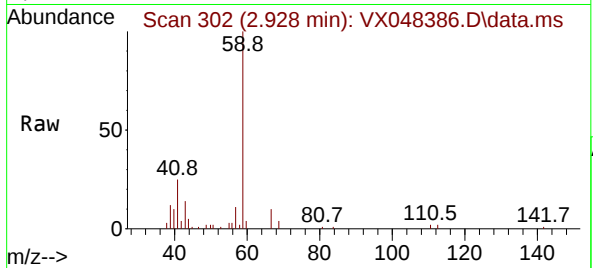
#11
Tert butyl alcohol
Concen: 78.551 ug/l
RT: 2.928 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion: 59 Resp: 1608
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

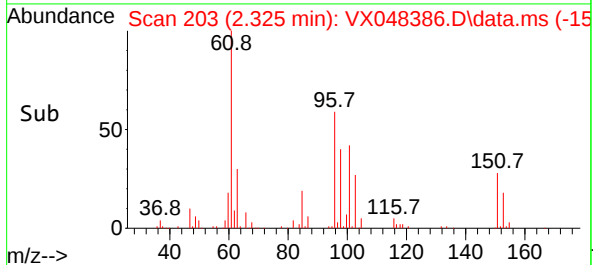
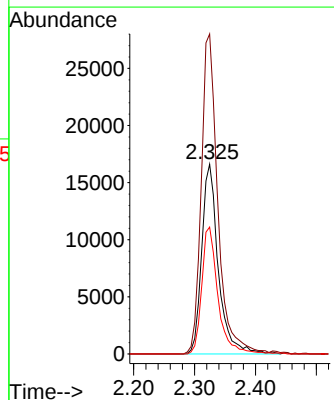
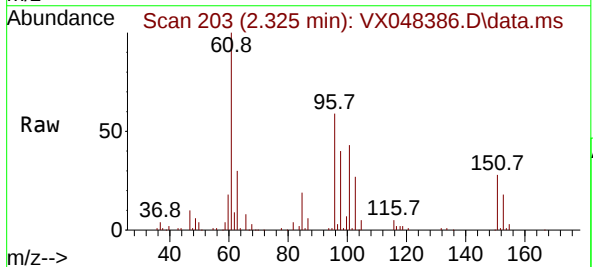
Manual Integrations
APPROVED

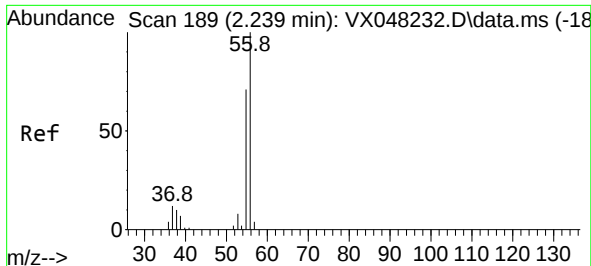
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#12
1,1-Dichloroethene
Concen: 20.420 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

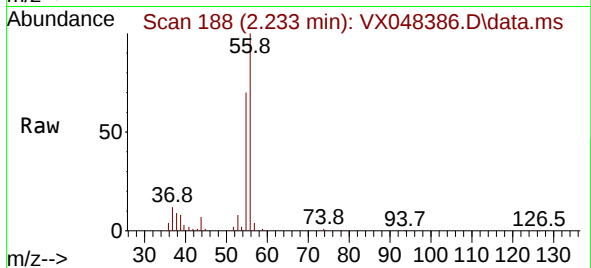
Tgt Ion: 96 Resp: 31530
Ion Ratio Lower Upper
96 100
61 168.7 139.0 208.6
98 66.9 52.4 78.6





#13
Acrolein
Concen: 115.112 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

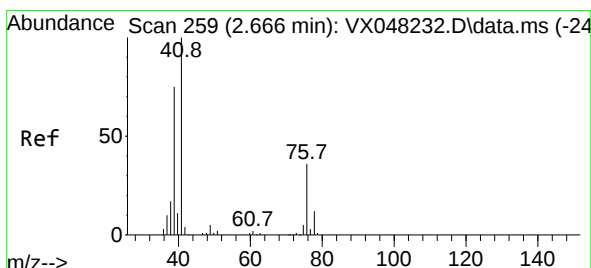
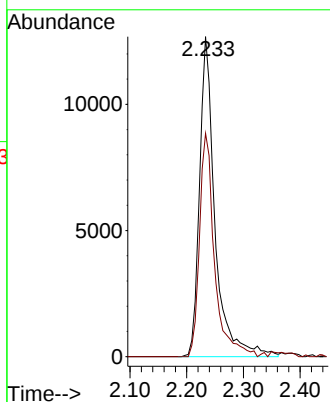
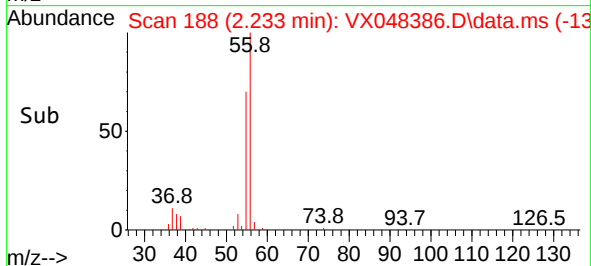
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 56 Resp: 24036
Ion Ratio Lower Upper
56 100
55 67.8 56.1 84.1

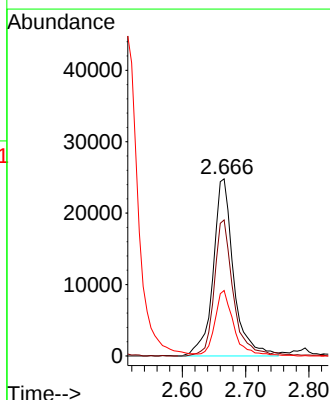
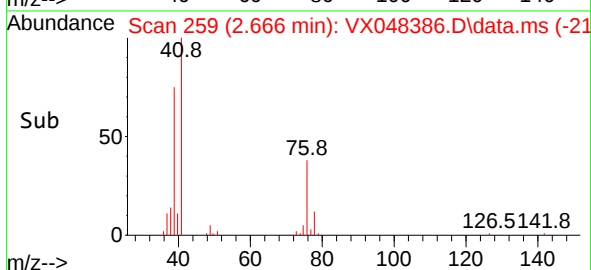
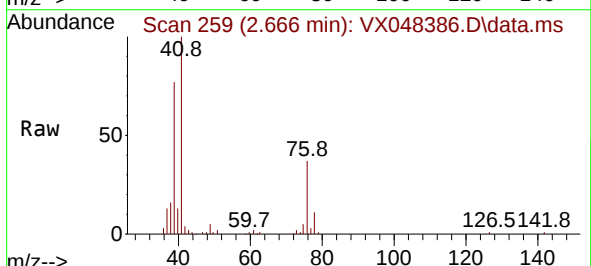
Manual Integrations
APPROVED

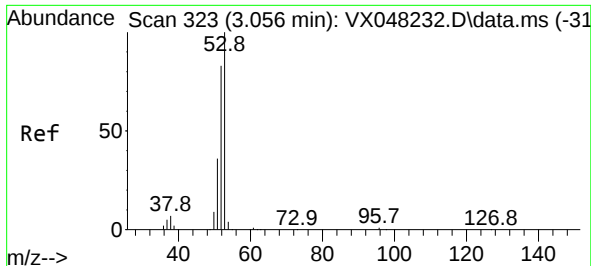
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 21.762 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

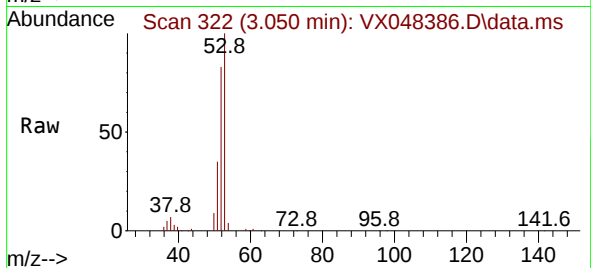
Tgt Ion: 41 Resp: 55786
Ion Ratio Lower Upper
41 100
39 70.7 56.0 84.0
76 34.3 27.5 41.3





#15
Acrylonitrile
Concen: 104.850 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

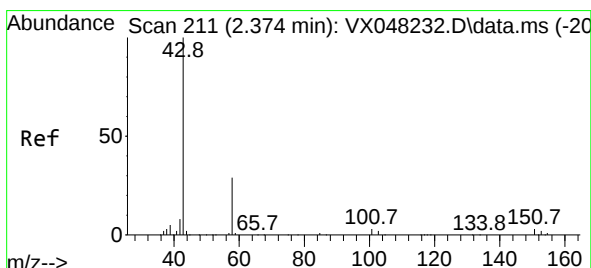
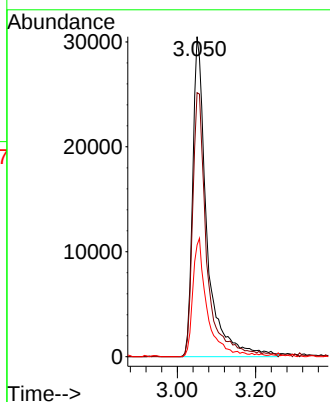
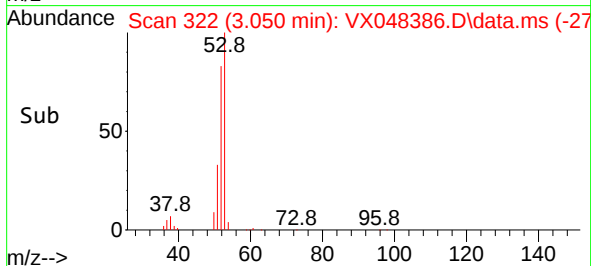
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



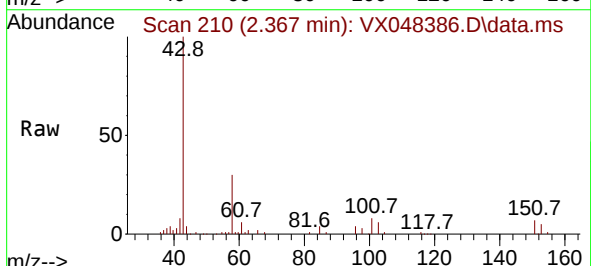
Tgt Ion: 53 Resp: 7740
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 36.9 29.0 43.4

Manual Integrations
APPROVED

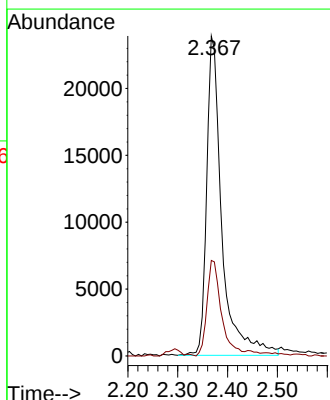
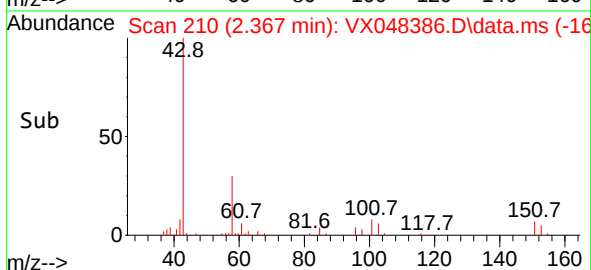
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

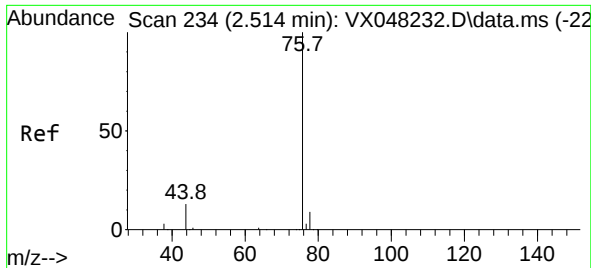


#16
Acetone
Concen: 71.474 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 43 Resp: 50560
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.2





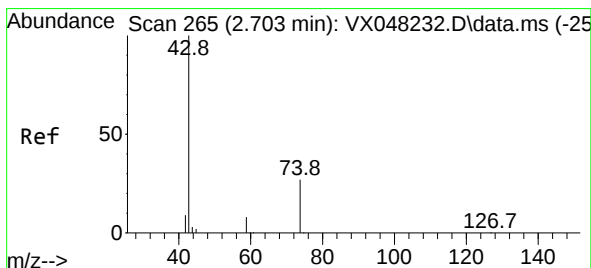
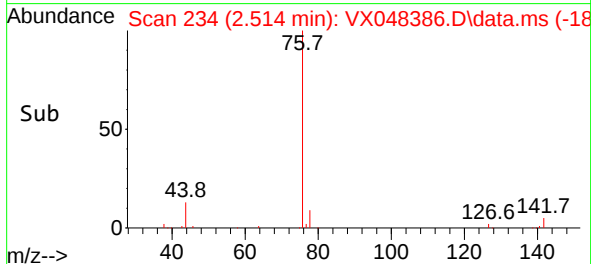
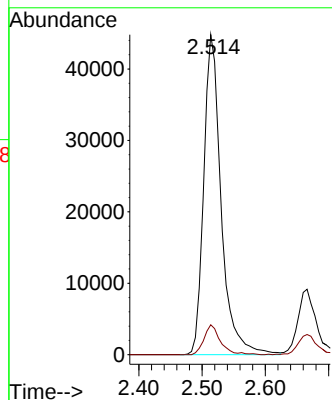
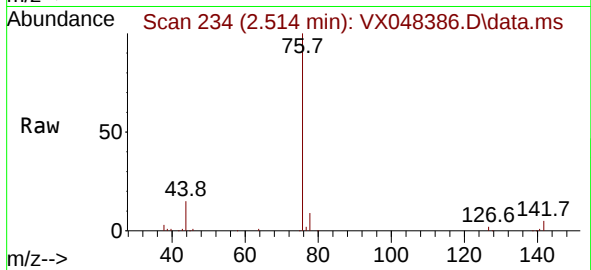
#17
Carbon Disulfide
Concen: 17.677 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion: 76 Resp: 8602
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

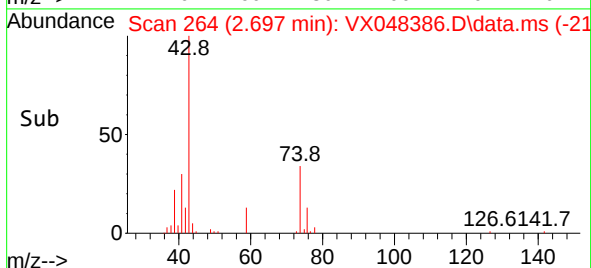
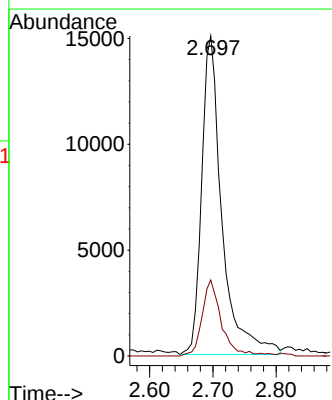
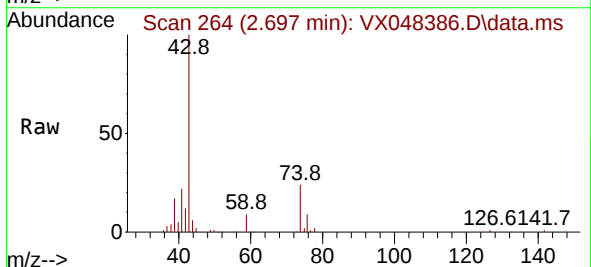
Manual Integrations
APPROVED

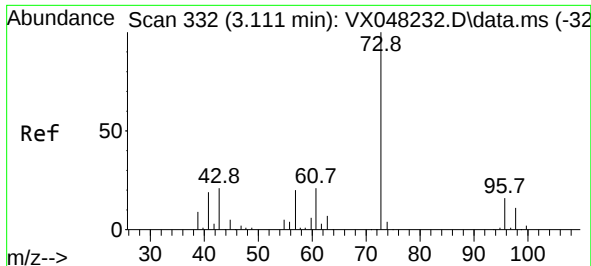
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#18
Methyl Acetate
Concen: 22.710 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

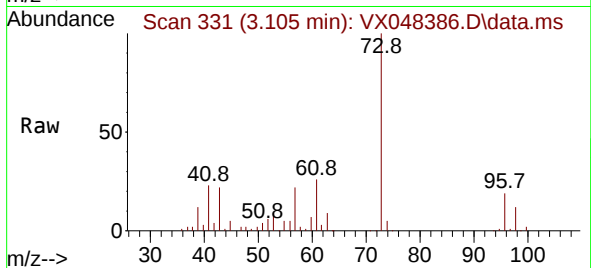
Tgt Ion: 43 Resp: 33550
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 21.173 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

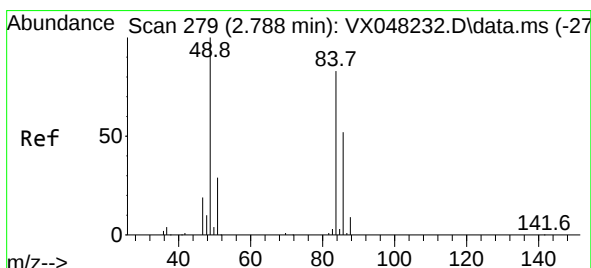
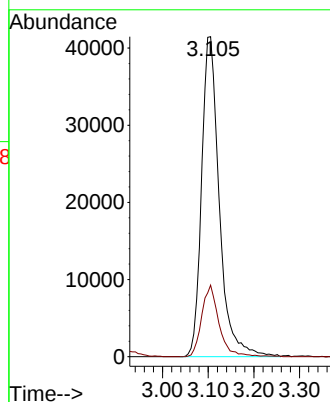
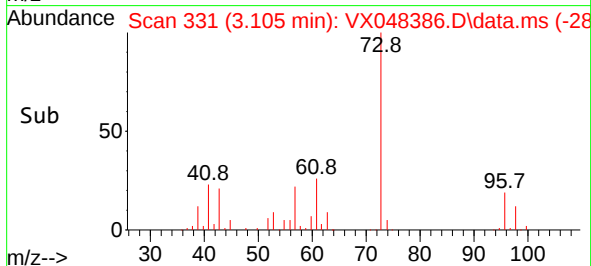
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 73 Resp: 111520
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

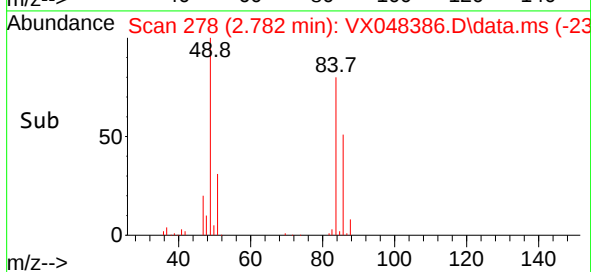
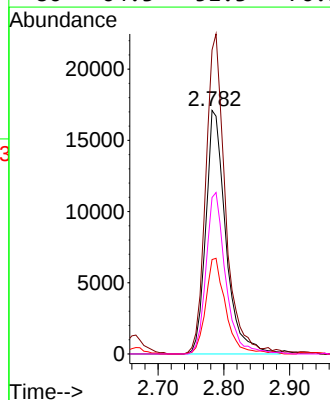
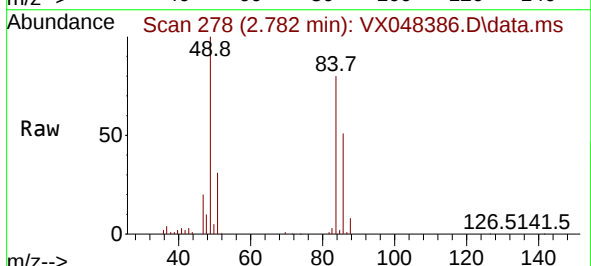
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#20
Methylene Chloride
Concen: 20.992 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

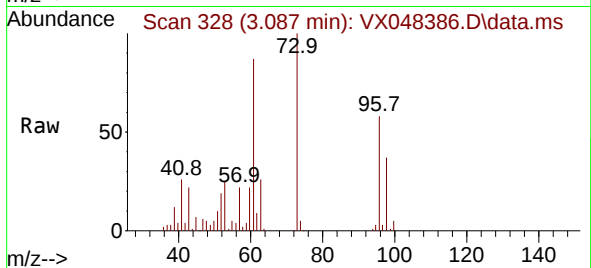
Tgt Ion: 84 Resp: 36183
Ion Ratio Lower Upper
84 100
49 124.9 104.1 156.1
51 38.8 31.3 46.9
86 64.3 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 19.917 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

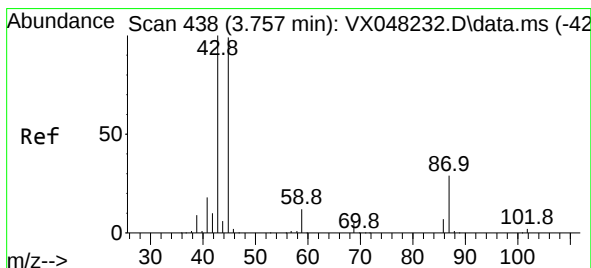
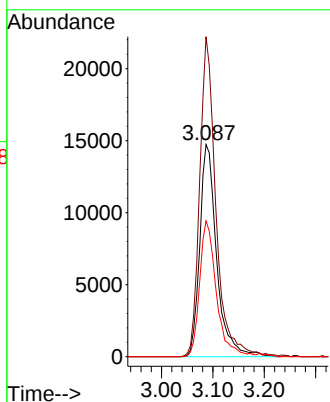
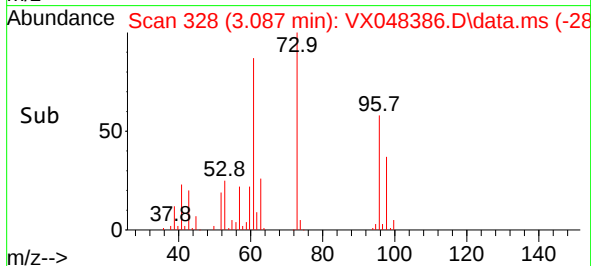
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 96 Resp: 33780
Ion Ratio Lower Upper
96 100
61 143.6 111.9 167.9
98 60.9 51.2 76.8

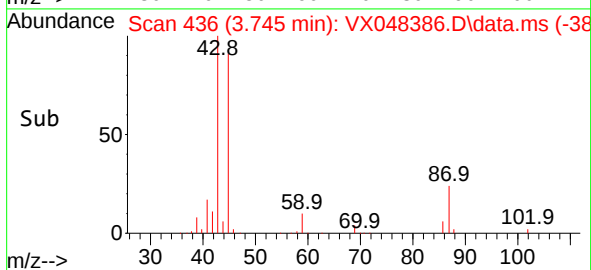
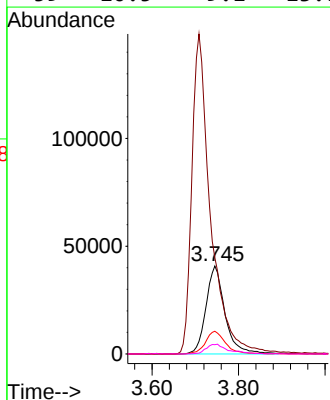
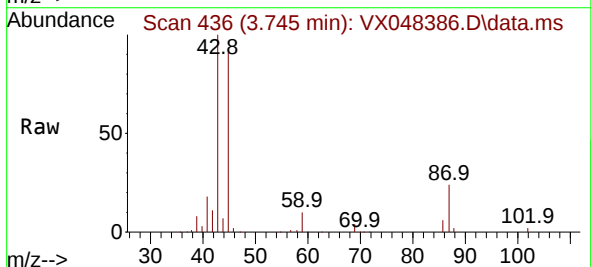
Manual Integrations
APPROVED

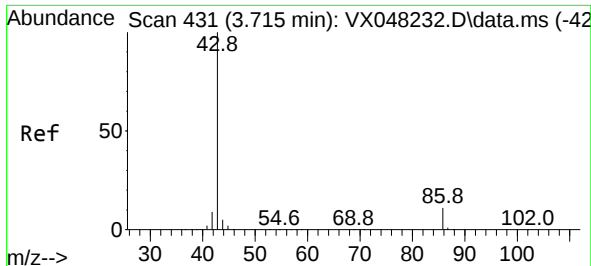
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#22
Diisopropyl ether
Concen: 24.288 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

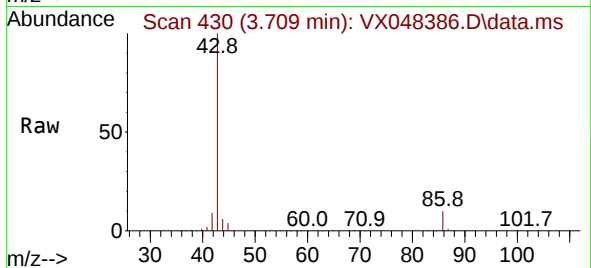
Tgt Ion: 45 Resp: 124183
Ion Ratio Lower Upper
45 100
43 109.1 89.8 134.8
87 25.8 20.6 31.0
59 10.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 109.405 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048386.D
 Acq: 28 Oct 2025 10:24

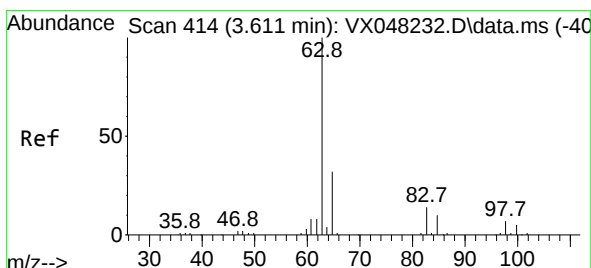
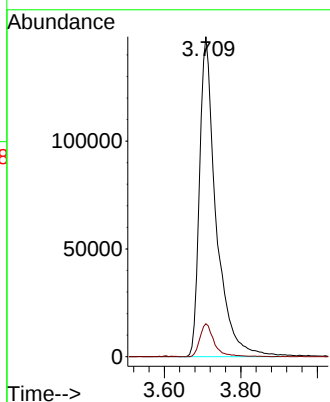
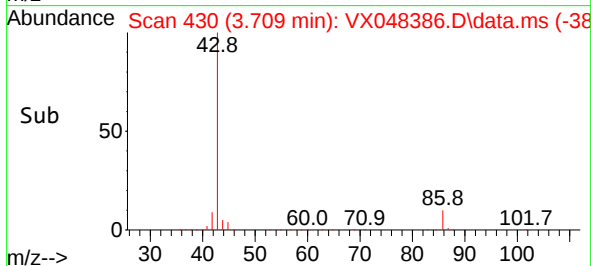
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01



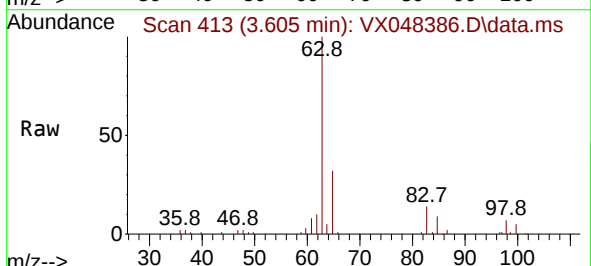
Tgt Ion: 43 Resp: 446839
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9

Manual Integrations
 APPROVED

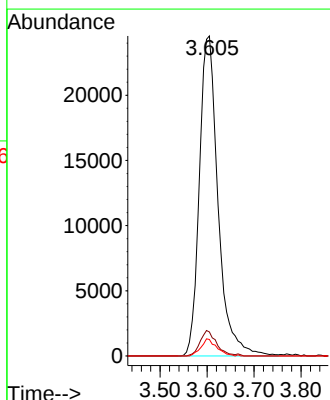
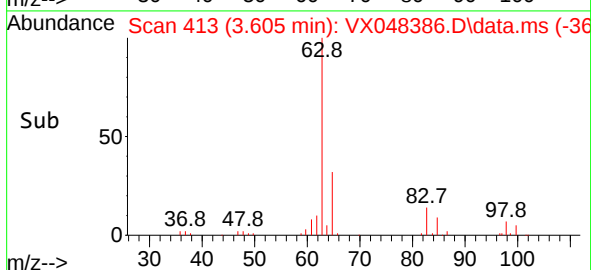
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

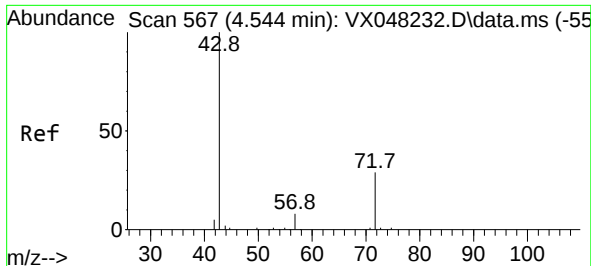


#24
 1,1-Dichloroethane
 Concen: 21.947 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048386.D
 Acq: 28 Oct 2025 10:24



Tgt Ion: 63 Resp: 67852
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.6
 100 5.1 2.1 6.3





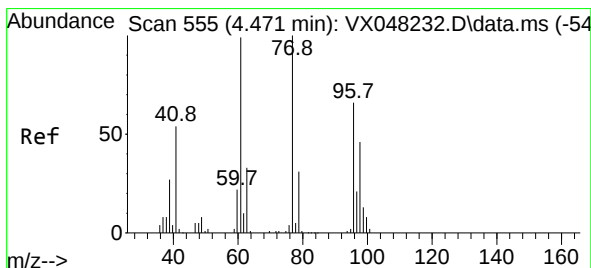
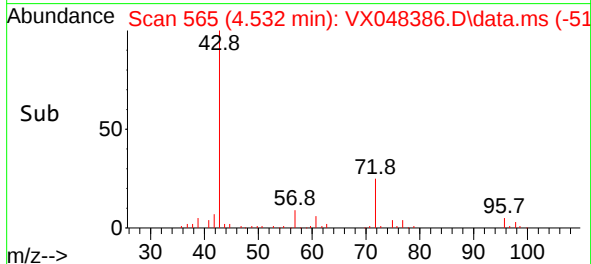
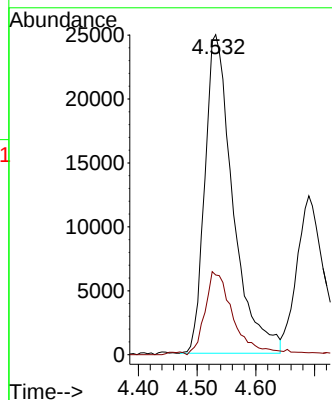
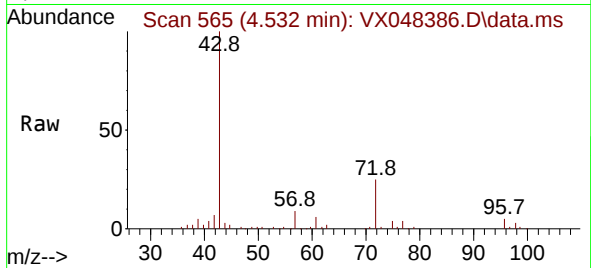
#25
2-Butanone
Concen: 92.324 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion: 43 Resp: 8266
Ion Ratio Lower Upper
43 100
72 23.9 19.9 29.9

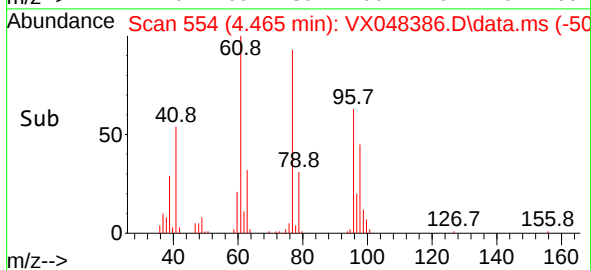
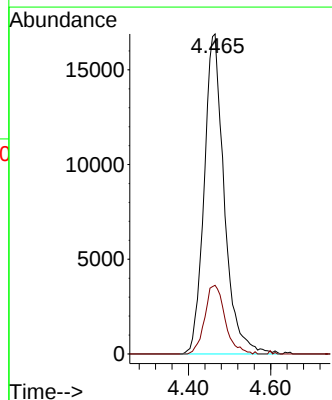
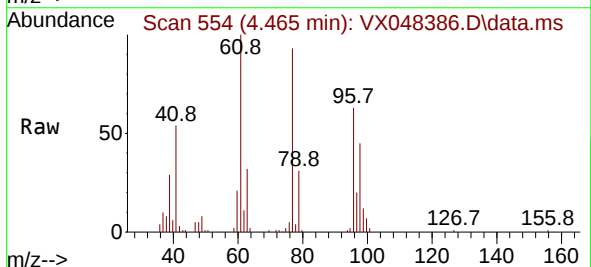
Manual Integrations
APPROVED

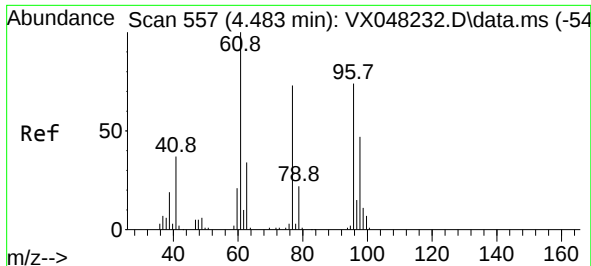
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#26
2,2-Dichloropropane
Concen: 20.507 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

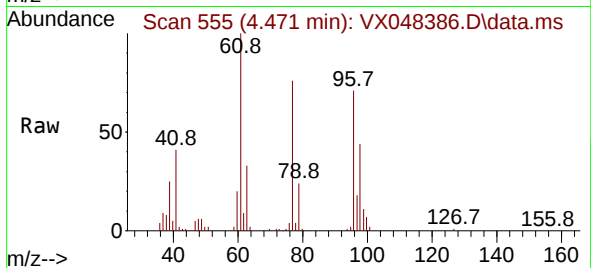
Tgt Ion: 77 Resp: 57227
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.673 ug/l
 RT: 4.471 min Scan# 555
 Delta R.T. -0.012 min
 Lab File: VX048386.D
 Acq: 28 Oct 2025 10:24

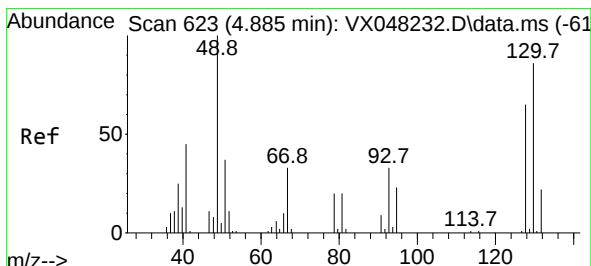
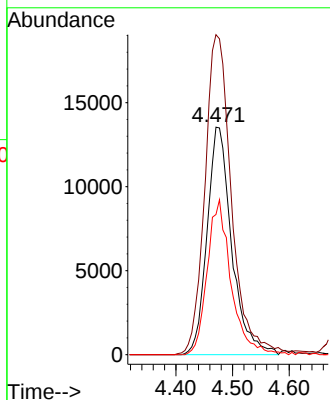
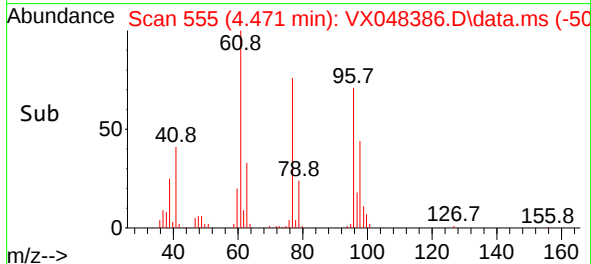
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01



Tgt Ion: 96 Resp: 40920
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 294.2
 98 65.6 0.0 128.4

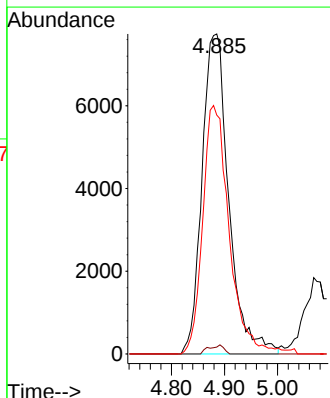
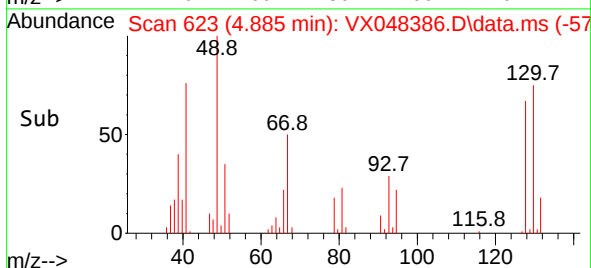
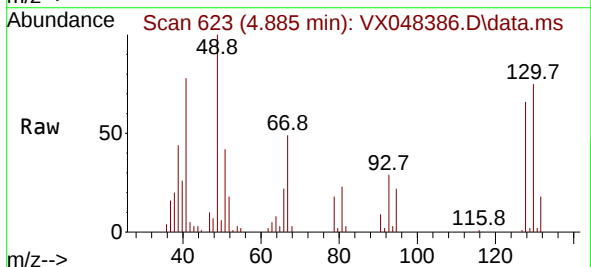
Manual Integrations
 APPROVED

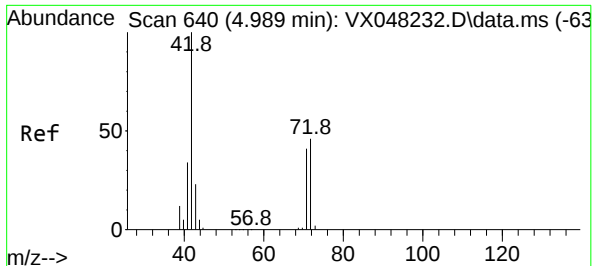
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#28
 Bromochloromethane
 Concen: 21.135 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.000 min
 Lab File: VX048386.D
 Acq: 28 Oct 2025 10:24

Tgt Ion: 49 Resp: 27093
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.4
 130 76.9 59.3 88.9





#29

Tetrahydrofuran

Concen: 104.605 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tgt Ion: 42 Resp: 56094

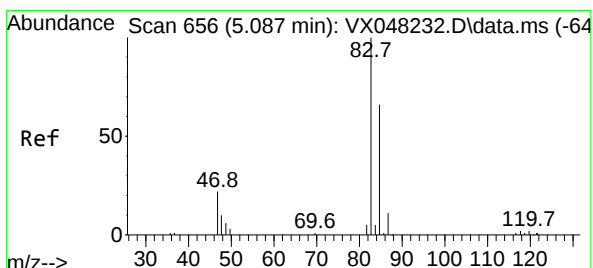
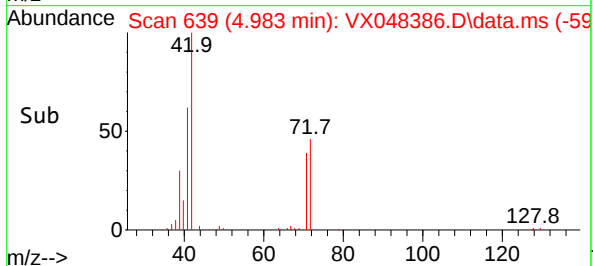
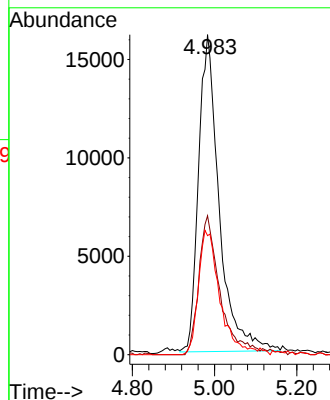
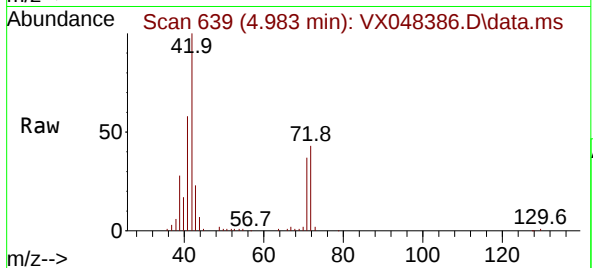
Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.3	52.9
71	40.6	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#30

Chloroform

Concen: 21.000 ug/l

RT: 5.074 min Scan# 654

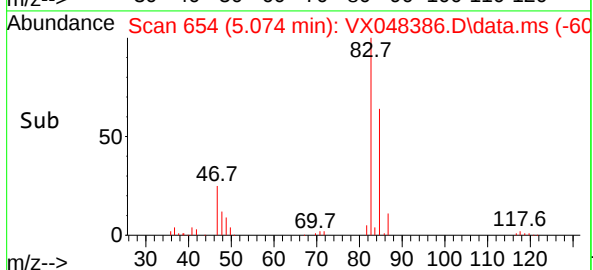
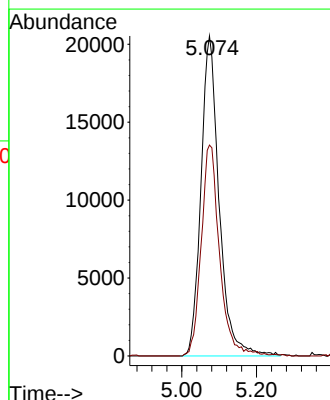
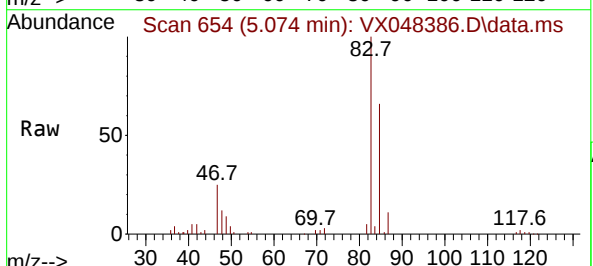
Delta R.T. -0.006 min

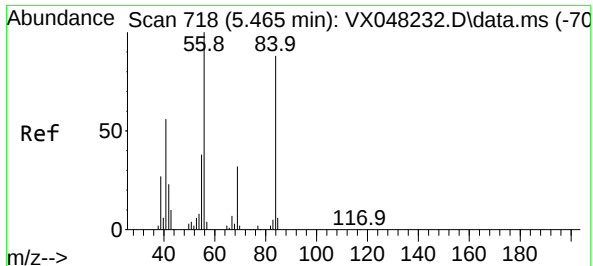
Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Tgt Ion: 83 Resp: 69364

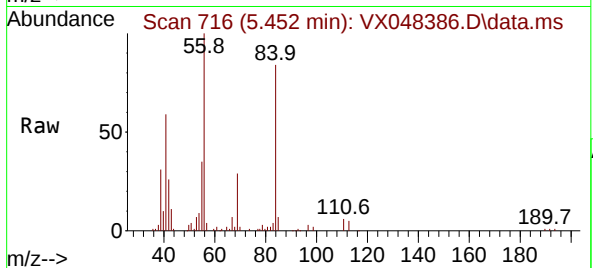
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.1	75.1





#31
Cyclohexane
Concen: 21.700 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

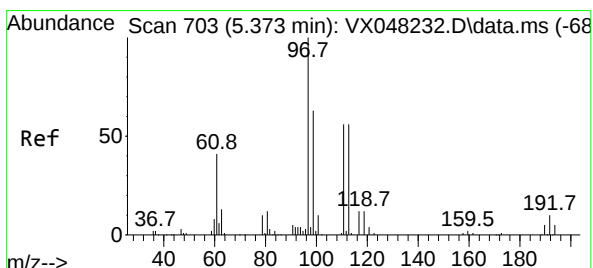
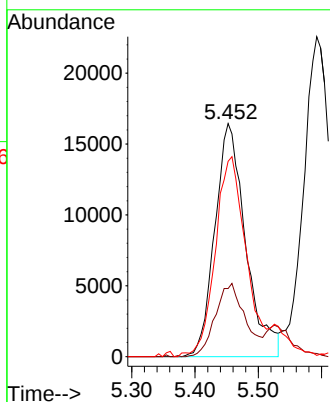
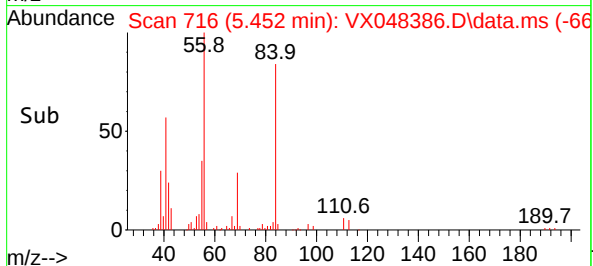
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 56 Resp: 5554
Ion Ratio Lower Upper
56 100
69 28.8 23.0 34.6
84 83.8 64.6 97.0

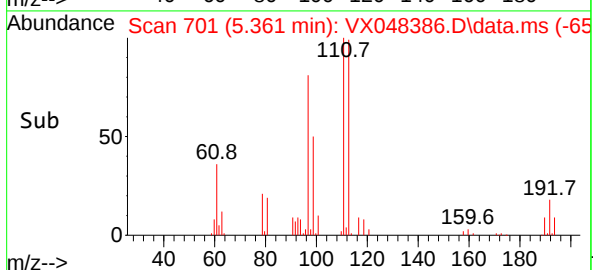
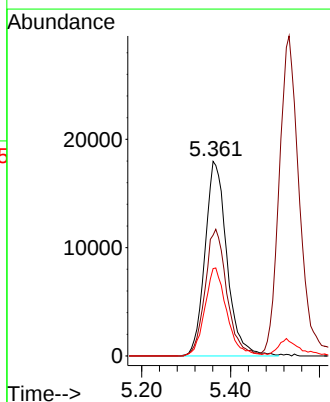
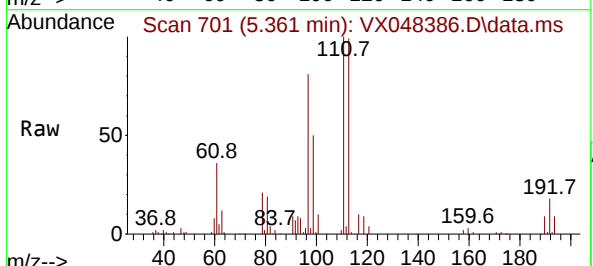
Manual Integrations
APPROVED

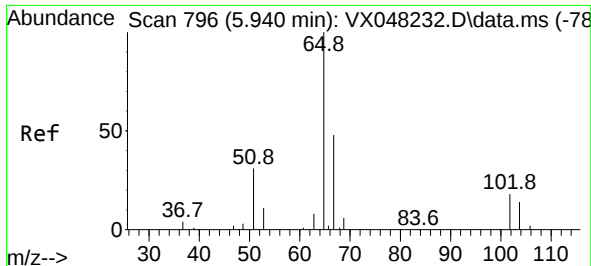
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 20.216 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion: 97 Resp: 61542
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 45.2 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 57.452 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tgt Ion: 65 Resp: 11846

Ion Ratio Lower Upper

65 100

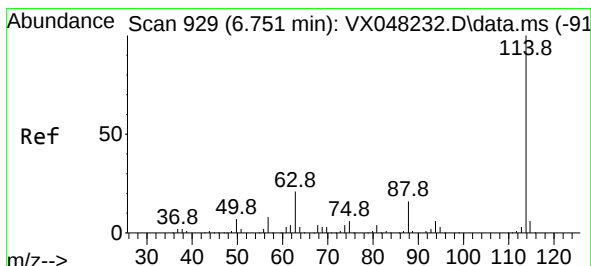
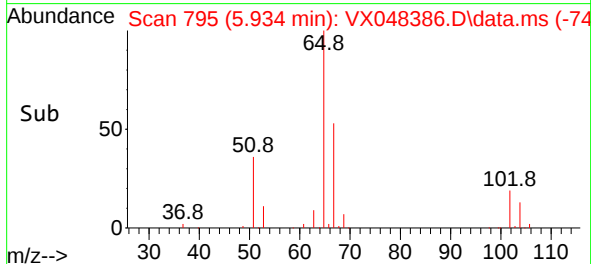
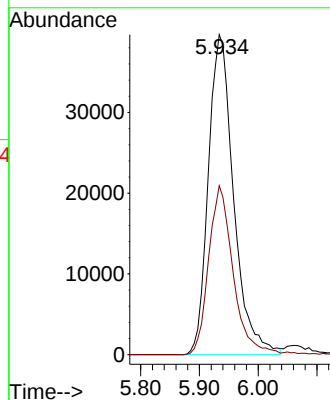
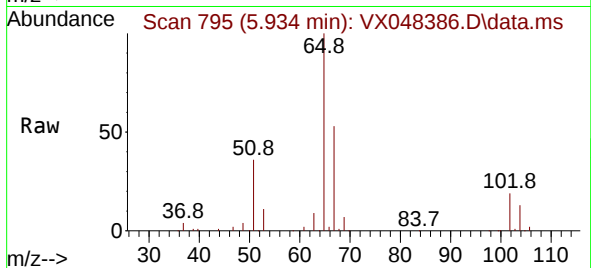
67 50.9 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

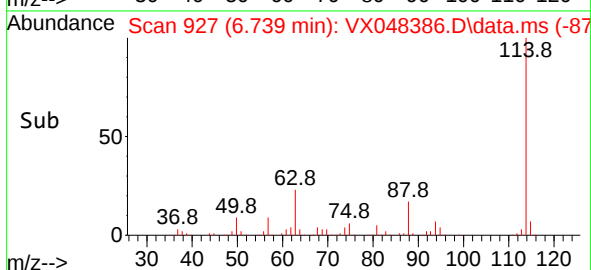
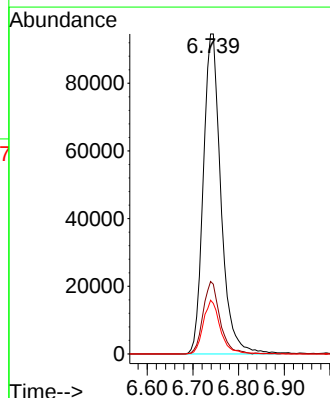
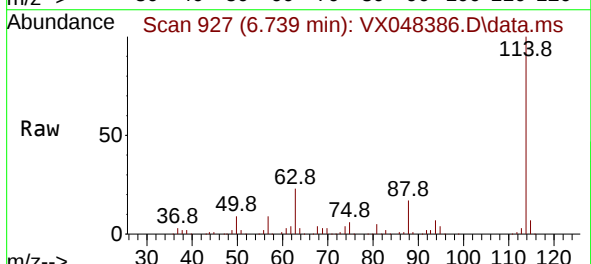
Tgt Ion:114 Resp: 253190

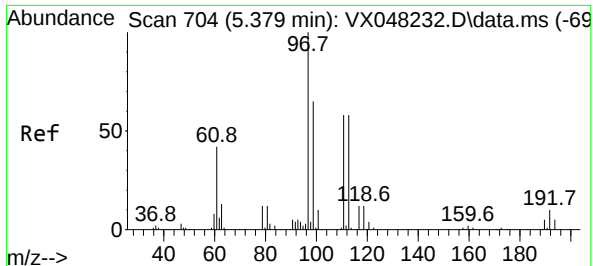
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

88 16.8 0.0 33.6





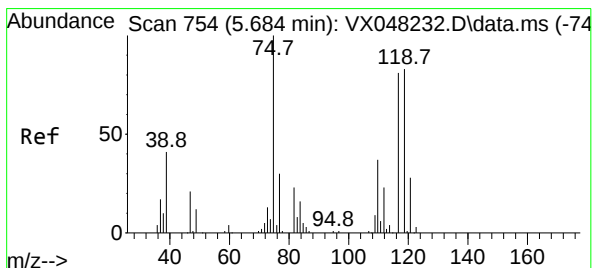
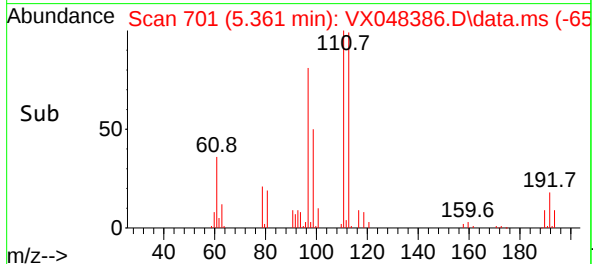
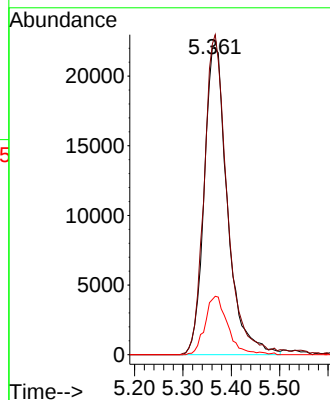
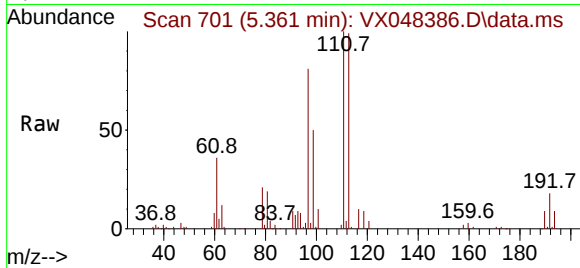
#35
Dibromofluoromethane
Concen: 42.859 ug/l
RT: 5.361 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion:113 Resp: 7408
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.6 15.1 22.7

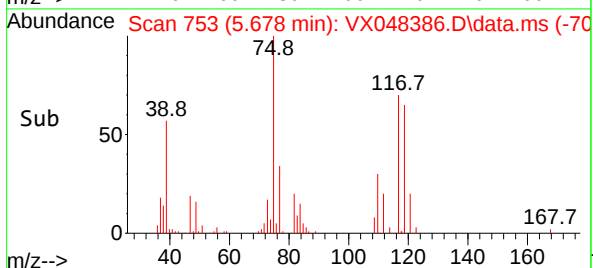
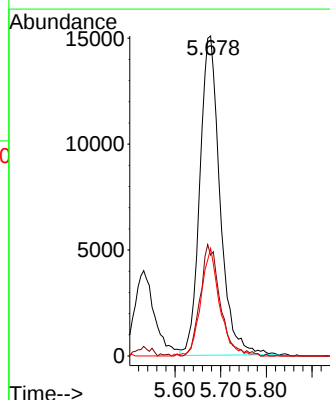
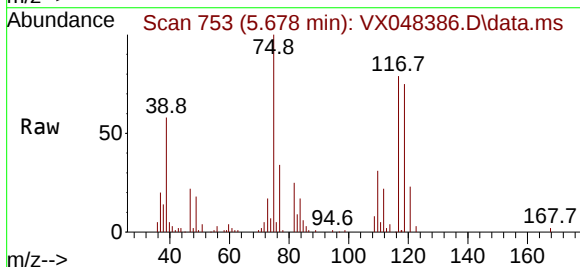
Manual Integrations
APPROVED

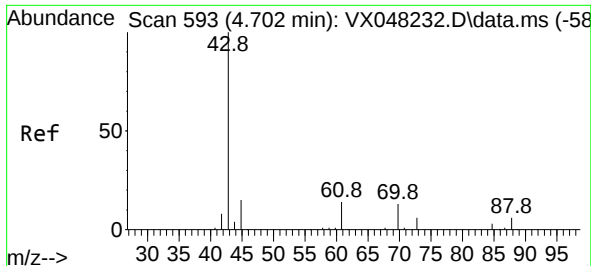
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#36
1,1-Dichloropropene
Concen: 18.776 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

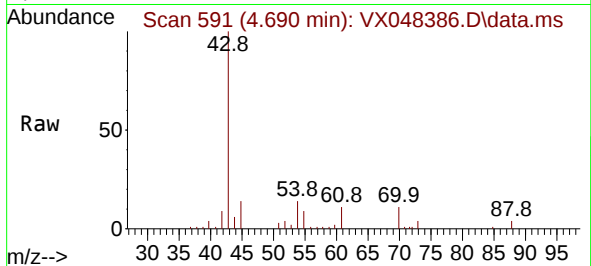
Tgt Ion: 75 Resp: 46129
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 31.7 24.3 36.5





#37
Ethyl Acetate
Concen: 20.100 ug/l
RT: 4.690 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

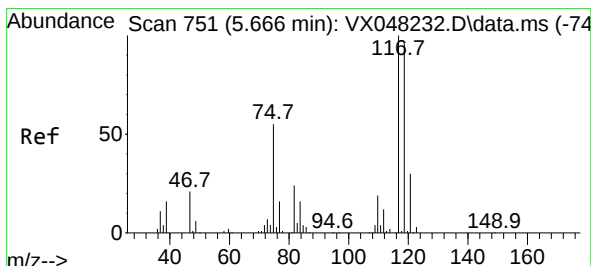
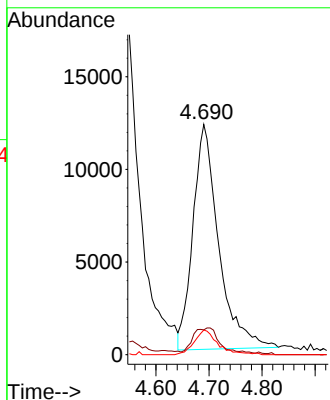
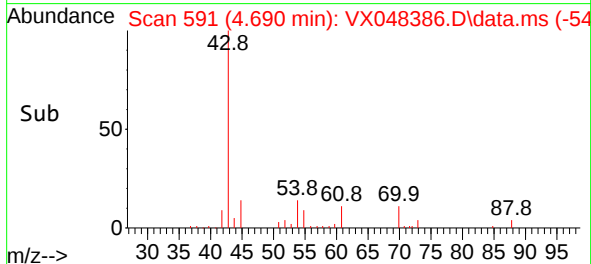
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 43 Resp: 40930
Ion Ratio Lower Upper
43 100
61 11.2 10.6 15.8
70 10.1 7.8 11.6

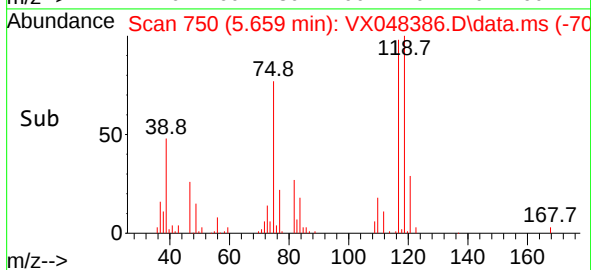
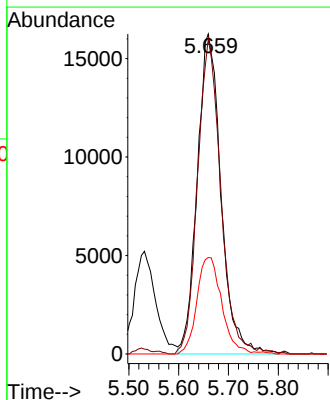
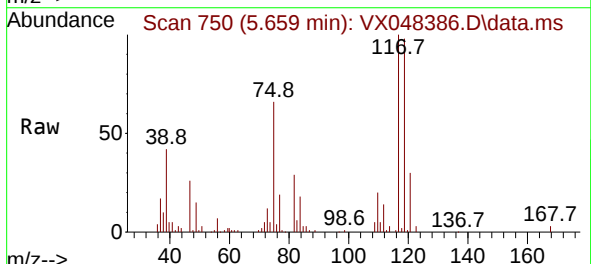
Manual Integrations
APPROVED

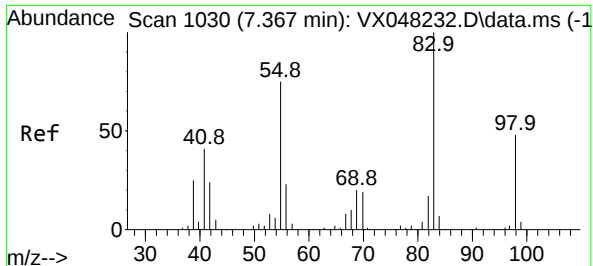
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#38
Carbon Tetrachloride
Concen: 17.642 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion:117 Resp: 53474
Ion Ratio Lower Upper
117 100
119 98.0 77.2 115.8
121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 19.689 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

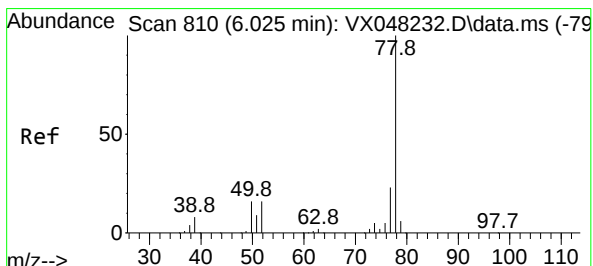
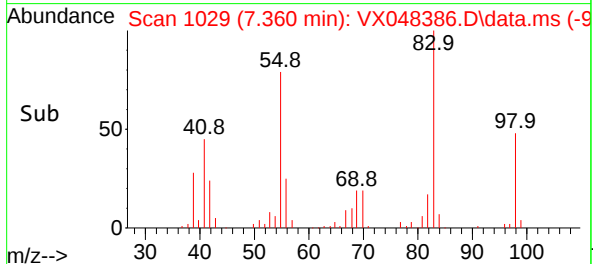
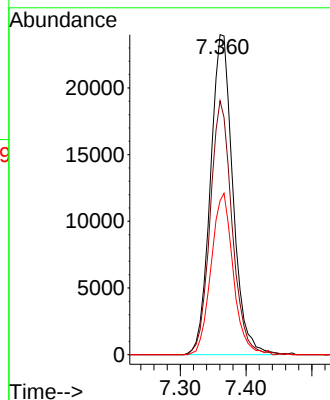
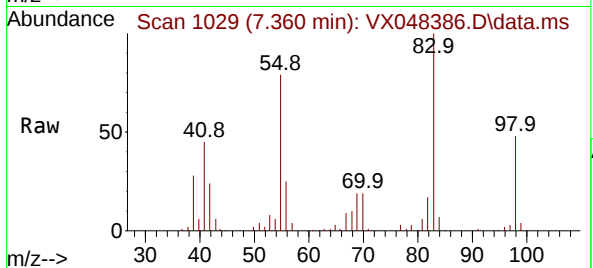
Tgt Ion:	83	Resp:	5712
Ion Ratio	Lower	Upper	
83	100		
55	79.3	66.2	99.2
98	48.1	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#40

Benzene

Concen: 20.131 ug/l

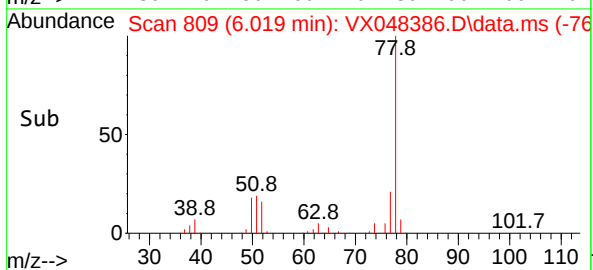
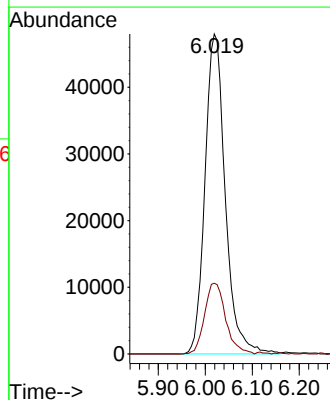
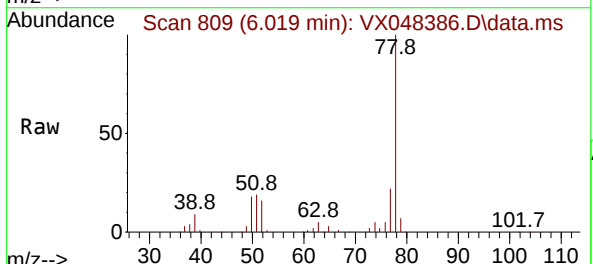
RT: 6.019 min Scan# 809

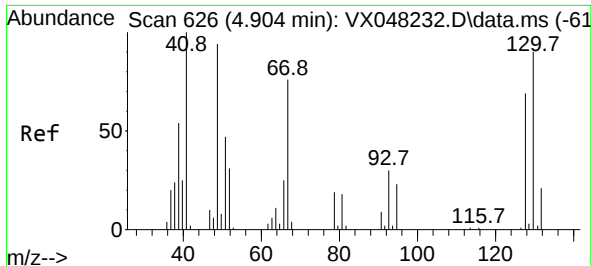
Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

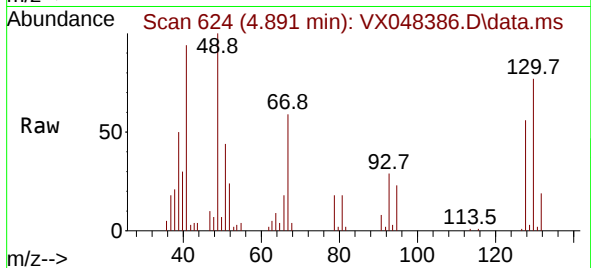
Tgt Ion:	78	Resp:	143594
Ion Ratio	Lower	Upper	
78	100		
77	22.1	19.3	28.9





#41
Methacrylonitrile
Concen: 20.033 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

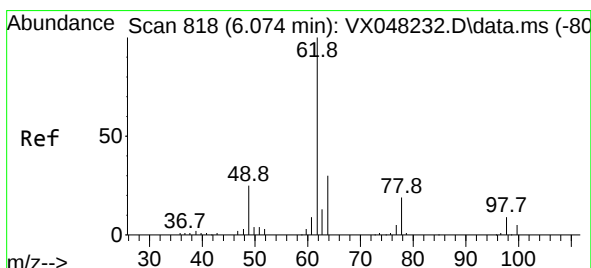
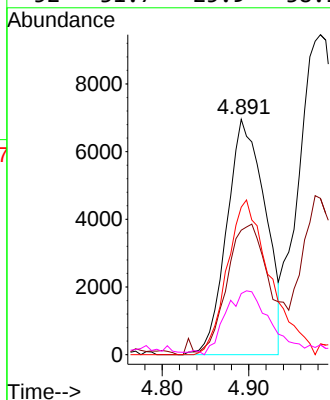
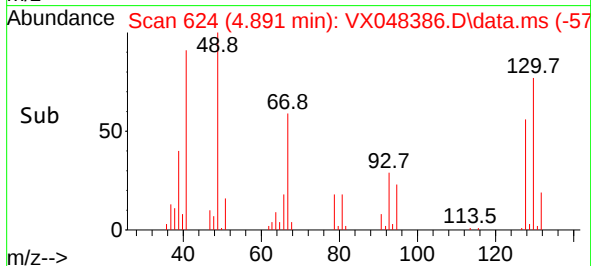
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 41 Resp: 2142
Ion Ratio Lower Upper
41 100
39 60.8 44.0 66.0
67 73.2 58.7 88.1
52 31.7 25.9 38.9

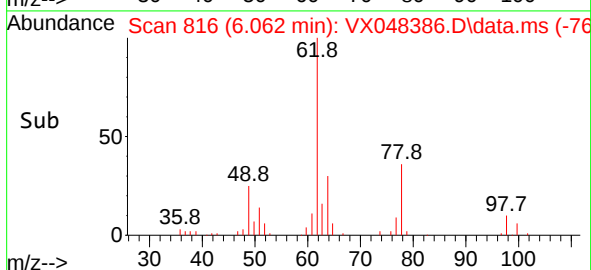
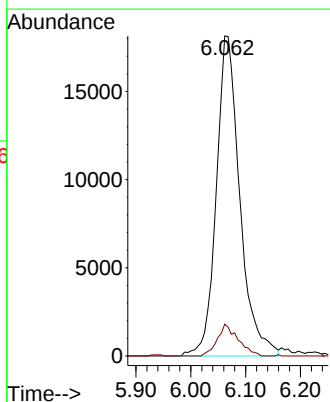
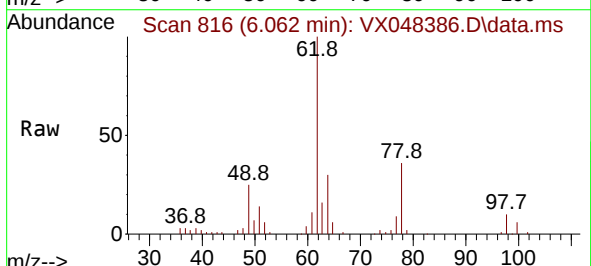
Manual Integrations
APPROVED

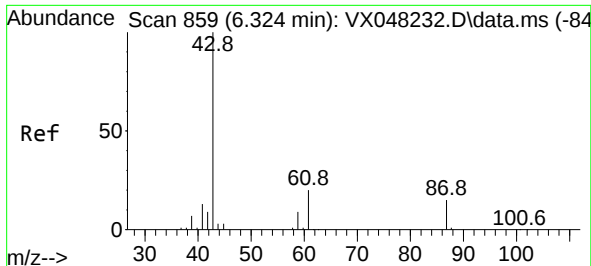
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#42
1,2-Dichloroethane
Concen: 20.580 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

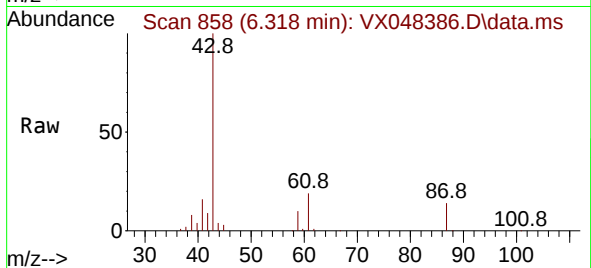
Tgt Ion: 62 Resp: 54167
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2





#43
Isopropyl Acetate
Concen: 21.443 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

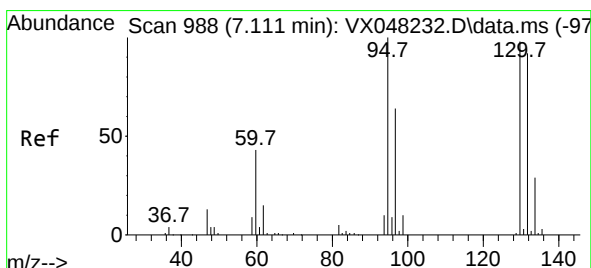
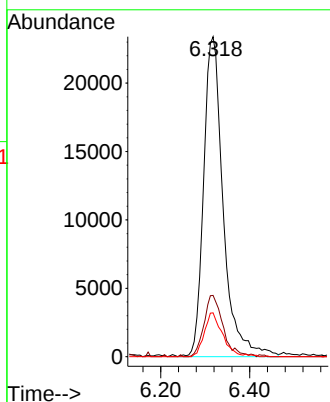
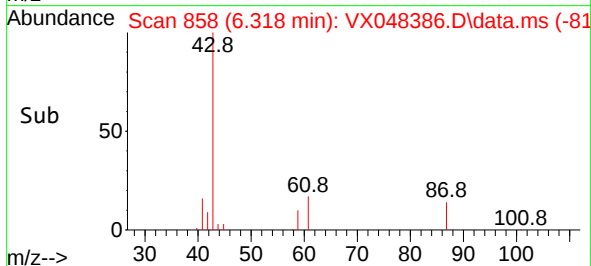
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 43 Resp: 71720
Ion Ratio Lower Upper
43 100
61 18.6 14.9 22.3
87 12.6 9.4 14.2

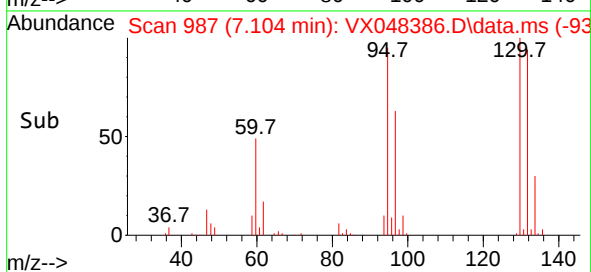
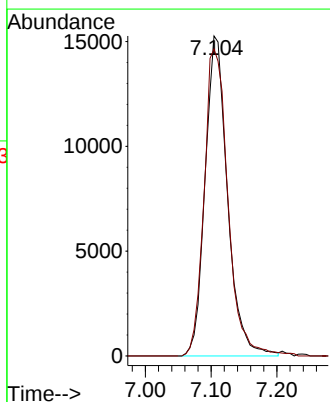
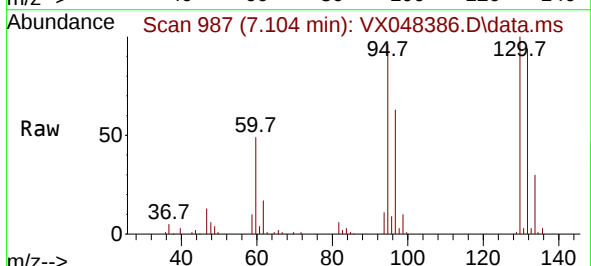
Manual Integrations
APPROVED

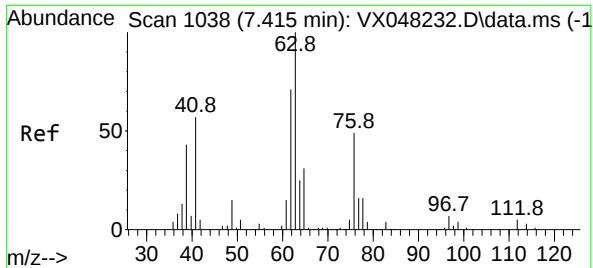
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#44
Trichloroethene
Concen: 19.240 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion:130 Resp: 36238
Ion Ratio Lower Upper
130 100
95 95.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 21.663 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tgt Ion: 63 Resp: 3673

Ion Ratio Lower Upper

63 100

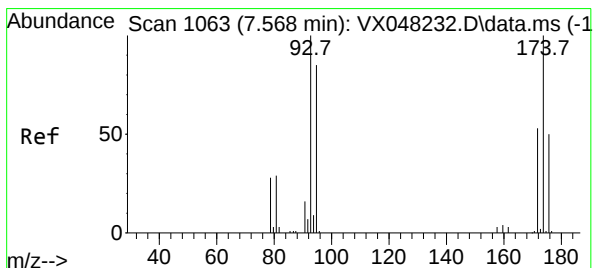
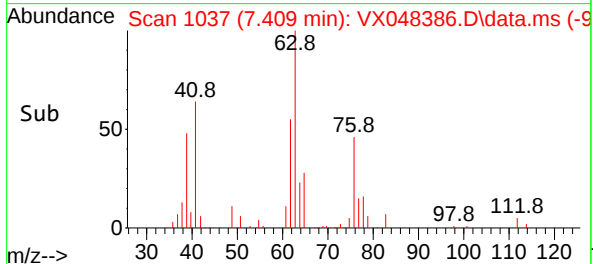
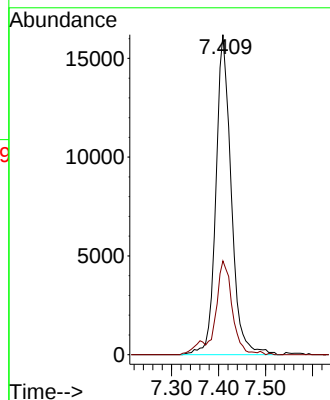
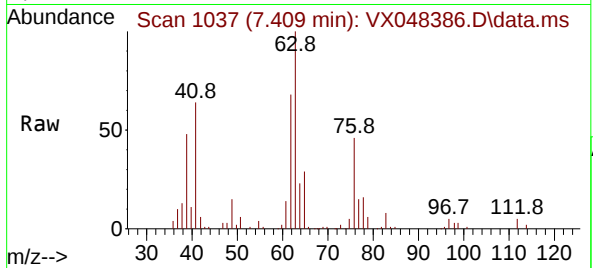
65 29.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#46

Dibromomethane

Concen: 19.583 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

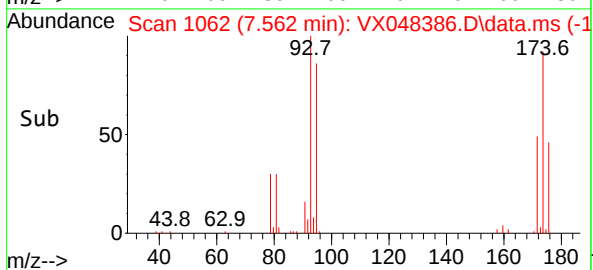
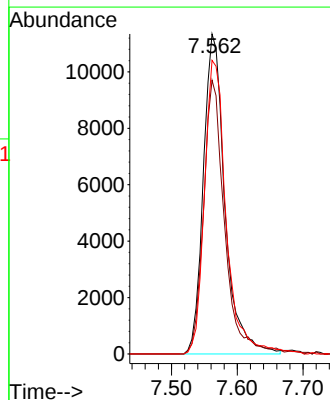
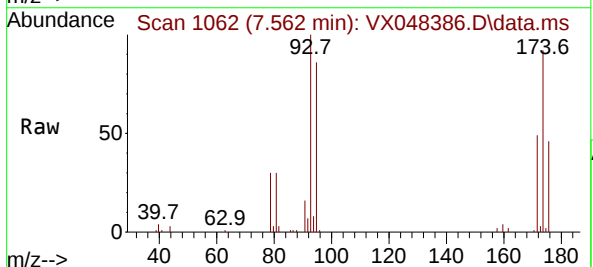
Tgt Ion: 93 Resp: 25874

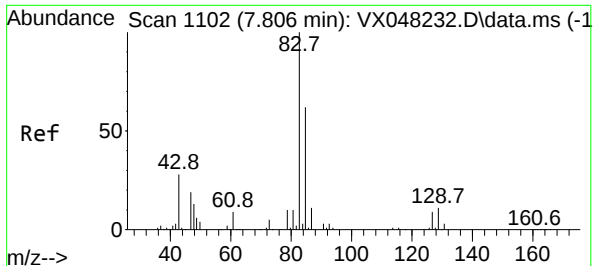
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 93.1 71.7 107.5





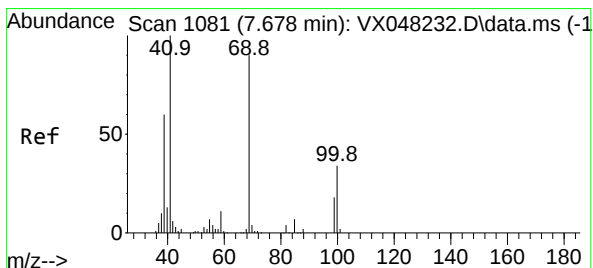
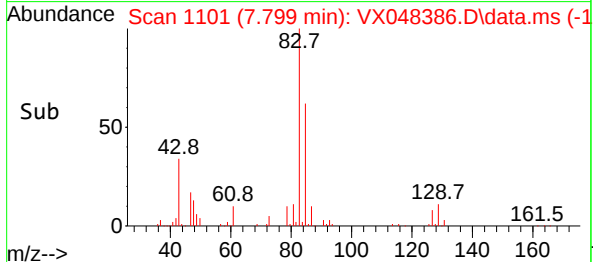
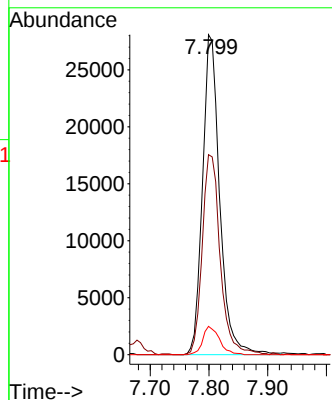
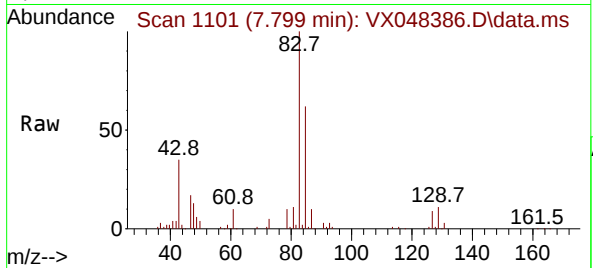
#47
Bromodichloromethane
Concen: 20.040 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion: 83 Resp: 5716
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.4
127 8.9 7.3 10.9

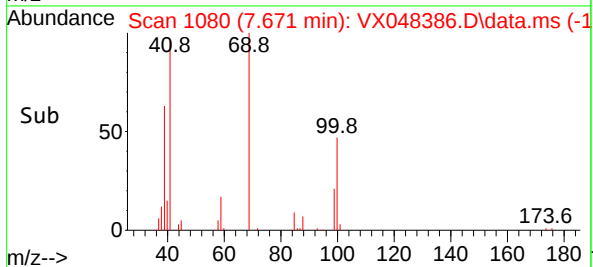
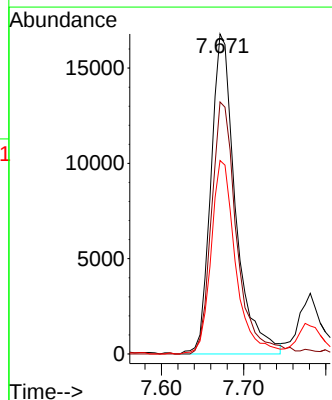
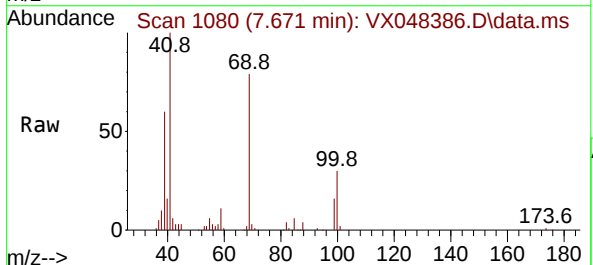
Manual Integrations
APPROVED

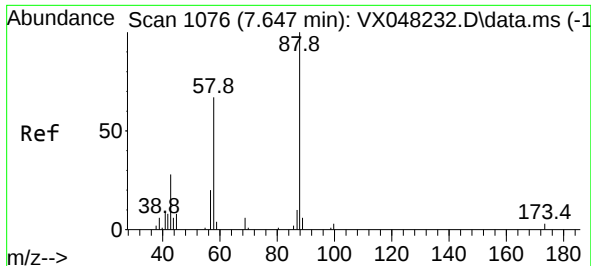
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 20.753 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

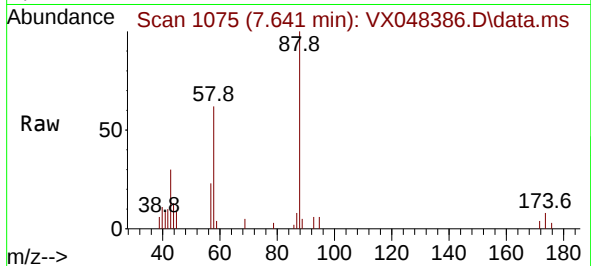
Tgt Ion: 41 Resp: 35028
Ion Ratio Lower Upper
41 100
69 80.7 63.4 95.0
39 59.9 47.1 70.7





#49
1,4-Dioxane
Concen: 347.994 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

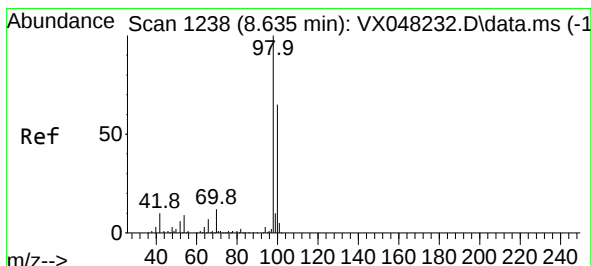
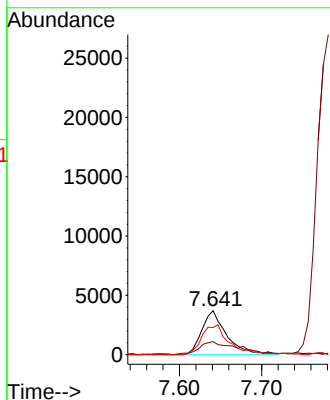
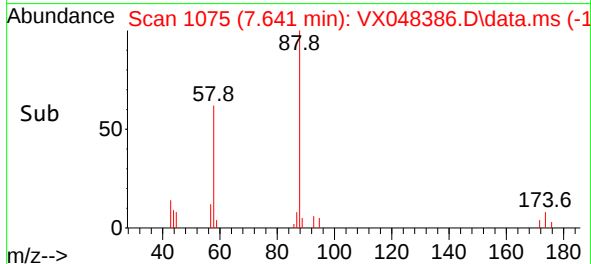
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 88 Resp: 7760
Ion Ratio Lower Upper
88 100
43 47.6 35.0 52.4
58 74.8 61.9 92.9

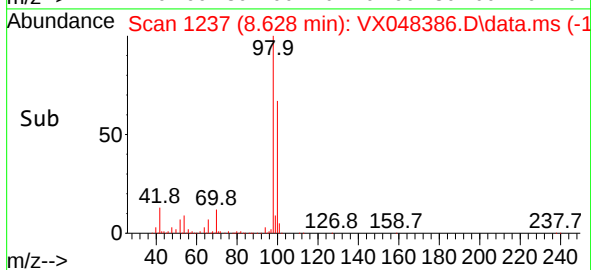
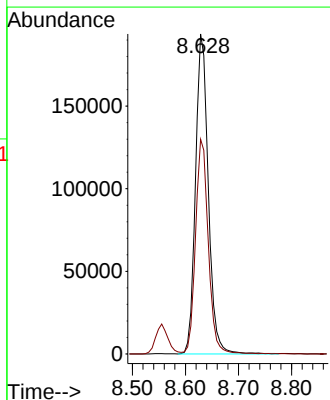
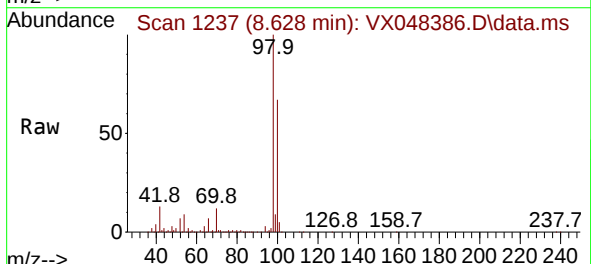
Manual Integrations
APPROVED

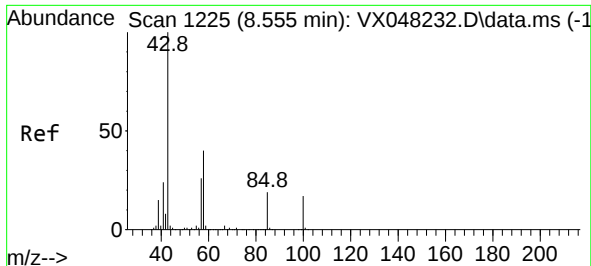
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#50
Toluene-d8
Concen: 53.439 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

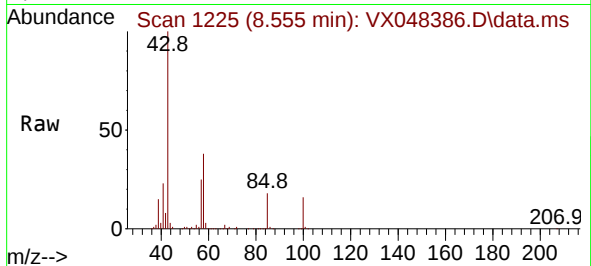
Tgt Ion: 98 Resp: 323768
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 103.236 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

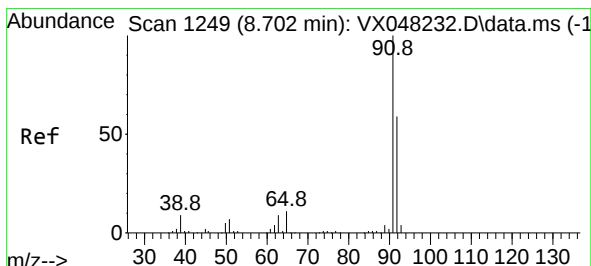
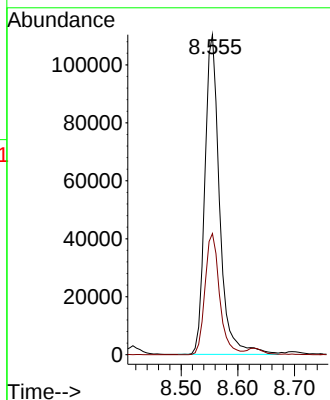
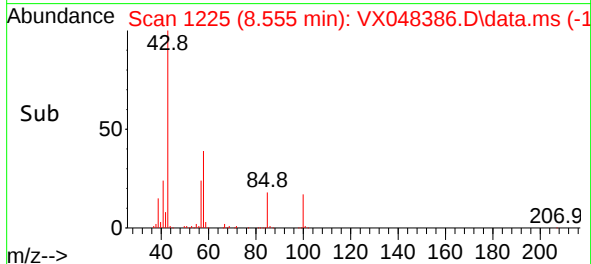
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion: 43 Resp: 199099
Ion Ratio Lower Upper
43 100
58 37.5 29.5 44.3

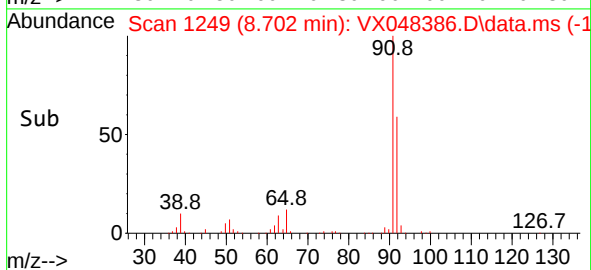
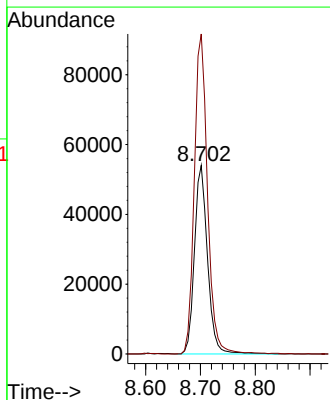
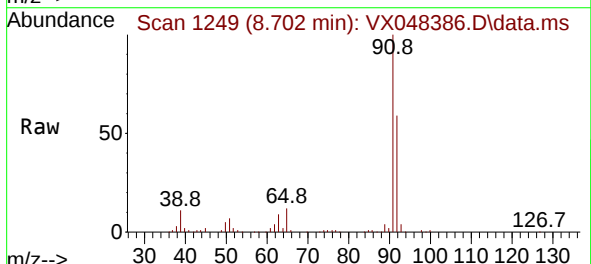
Manual Integrations
APPROVED

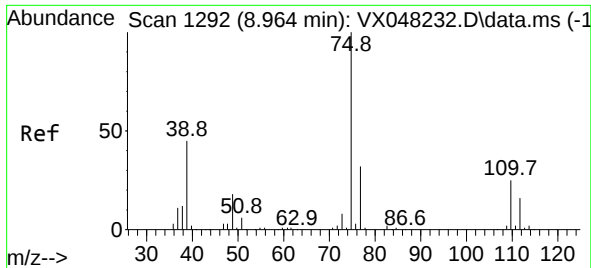
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#52
Toluene
Concen: 19.817 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion: 92 Resp: 89799
Ion Ratio Lower Upper
92 100
91 171.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.208 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tgt Ion: 75 Resp: 52804

Ion Ratio Lower Upper

75 100

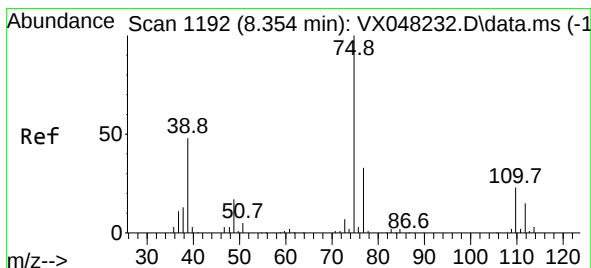
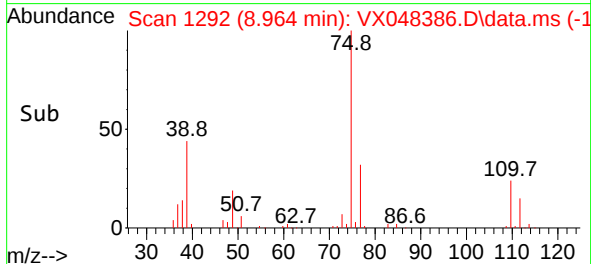
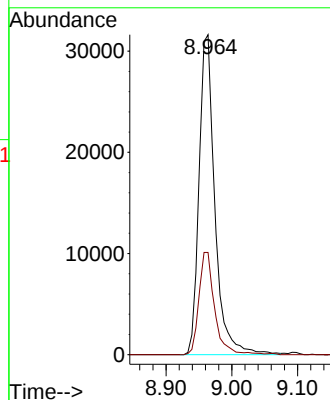
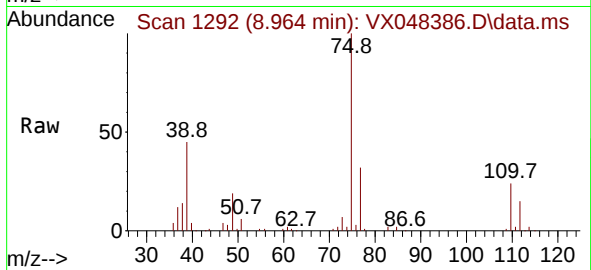
77 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#54

cis-1,3-Dichloropropene

Concen: 19.080 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

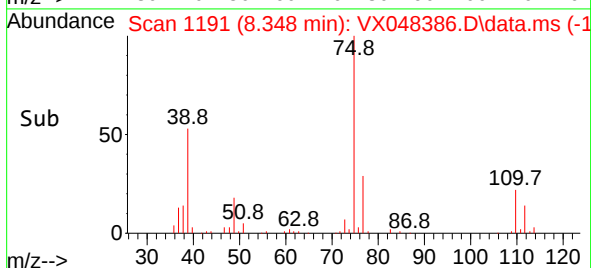
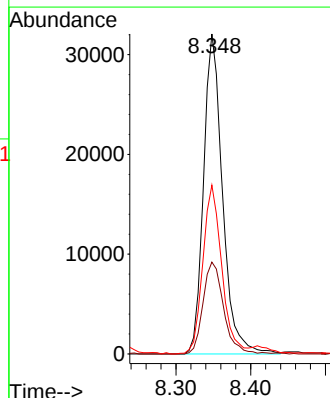
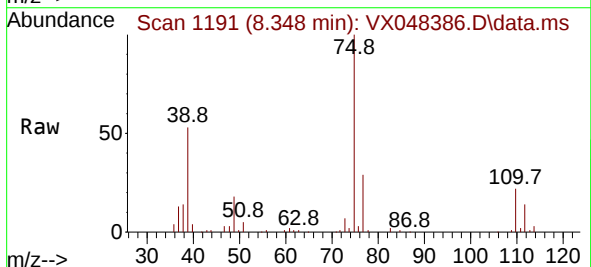
Tgt Ion: 75 Resp: 56592

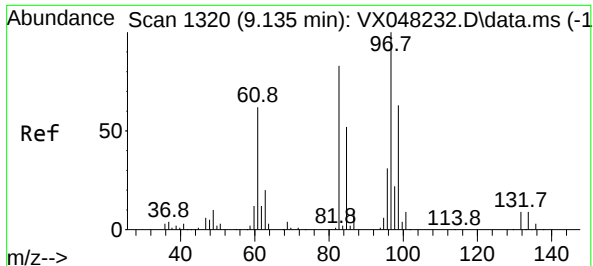
Ion Ratio Lower Upper

75 100

77 28.7 24.9 37.3

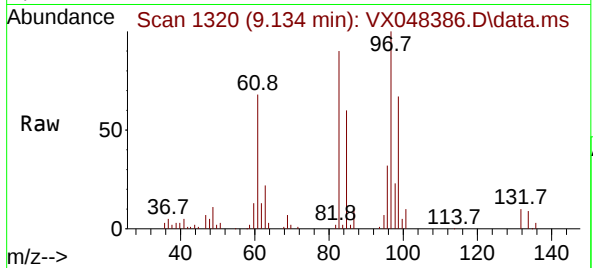
39 52.3 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.150 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

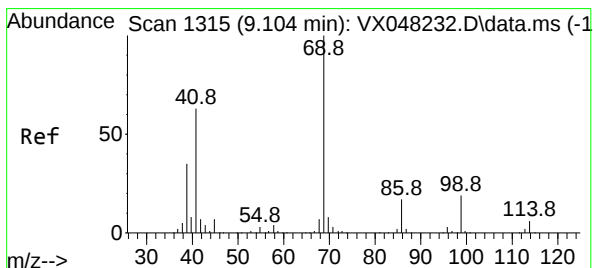
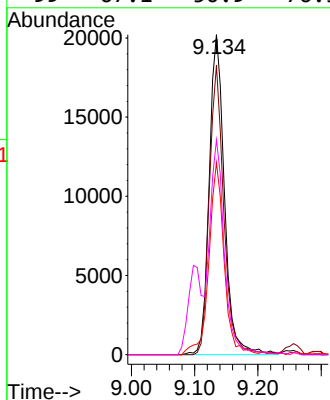
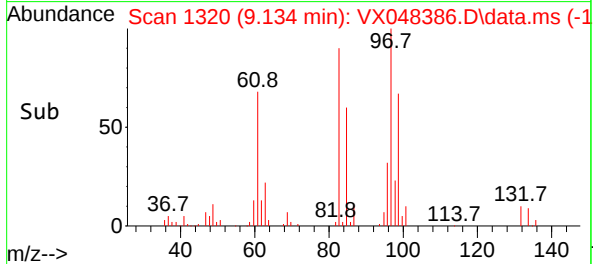
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



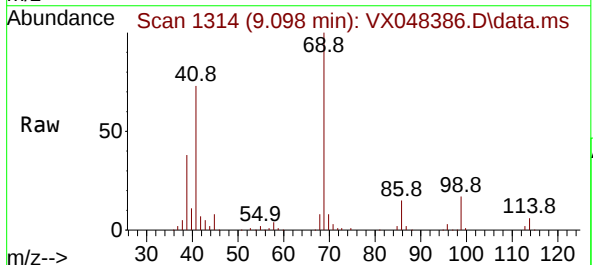
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.6	105.8
85	60.0	45.0	67.6
99	67.1	50.9	76.3

Manual Integrations
APPROVED

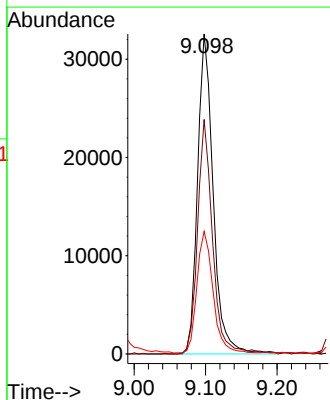
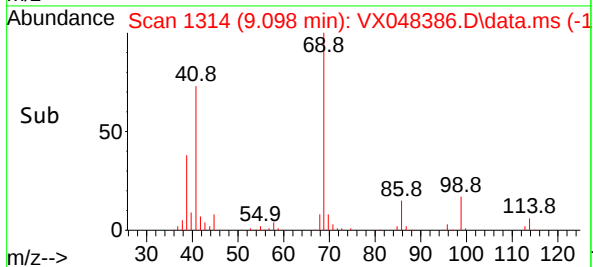
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

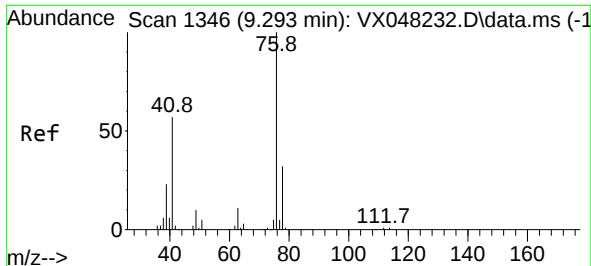


#56
Ethyl methacrylate
Concen: 20.082 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.0	84.0
39	39.2	31.6	47.4





#57

1,3-Dichloropropane

Concen: 20.924 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tgt Ion: 76 Resp: 6022

Ion Ratio Lower Upper

76 100

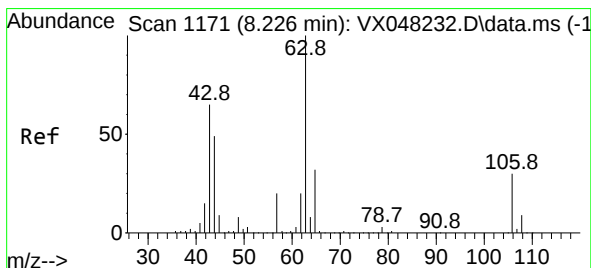
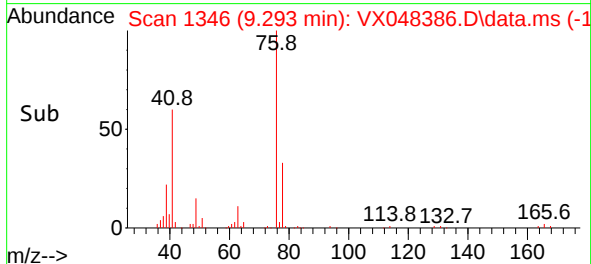
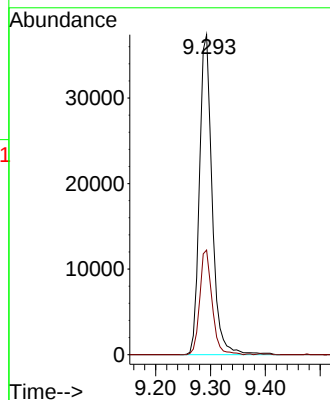
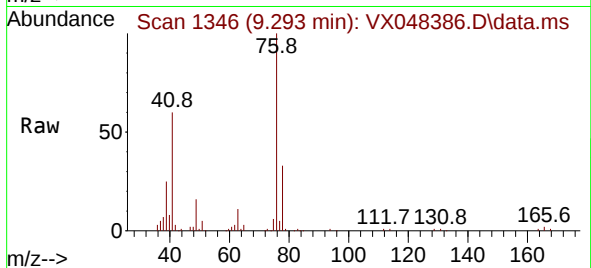
78 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 91.599 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048386.D

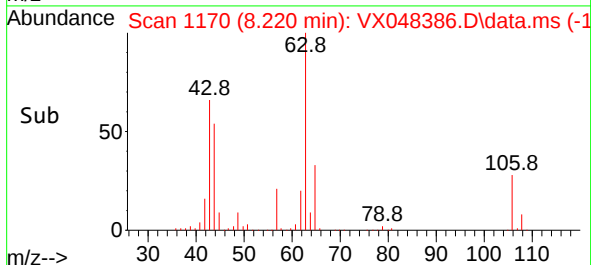
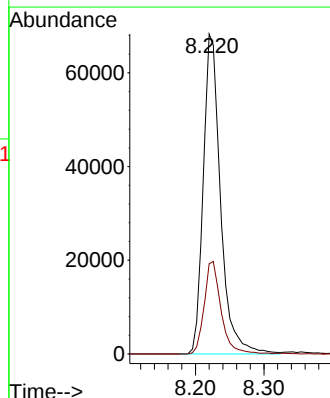
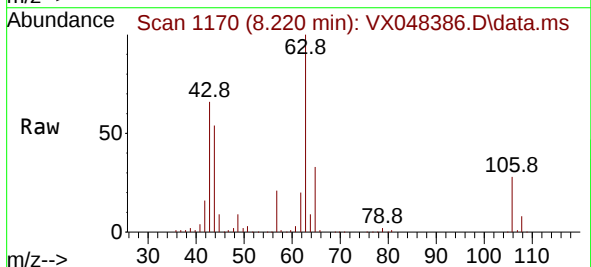
Acq: 28 Oct 2025 10:24

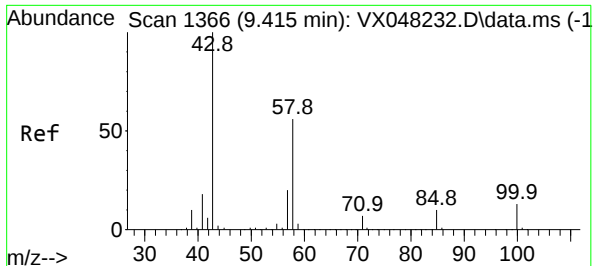
Tgt Ion: 63 Resp: 119963

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2





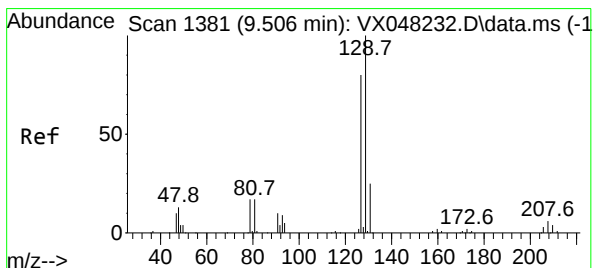
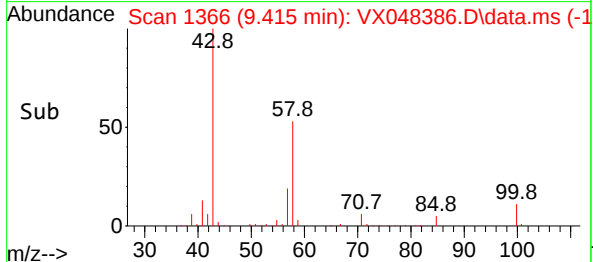
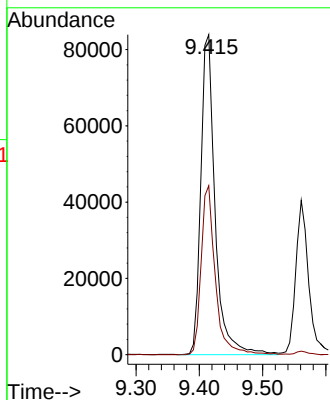
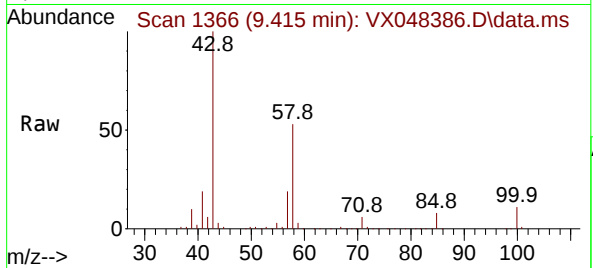
#59
2-Hexanone
Concen: 98.414 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion: 43 Resp: 132340
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8

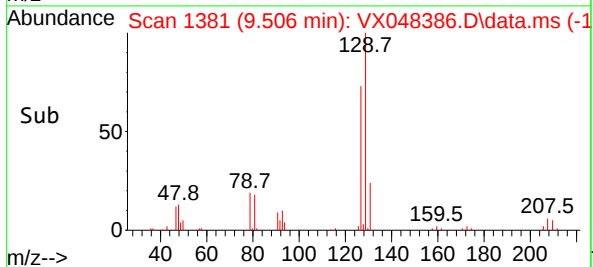
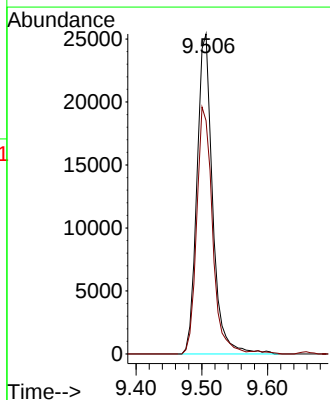
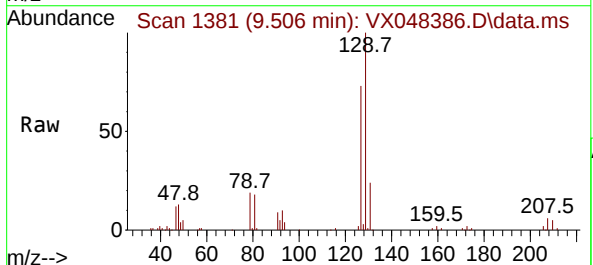
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#60
Dibromochloromethane
Concen: 18.468 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

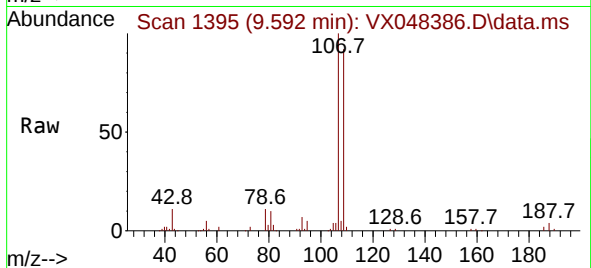
Tgt Ion:129 Resp: 41829
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.716 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

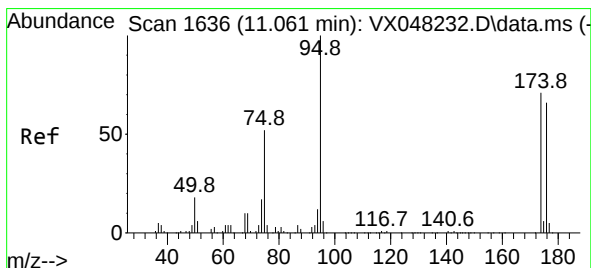
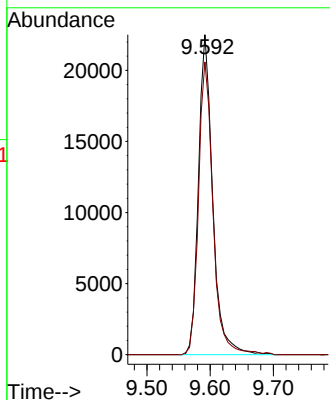
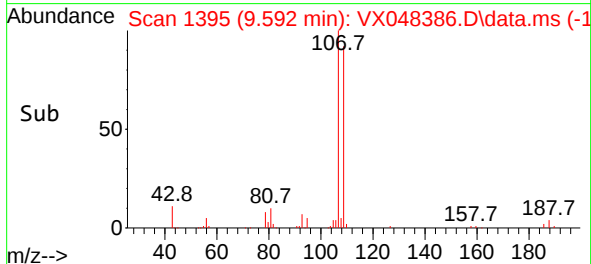
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



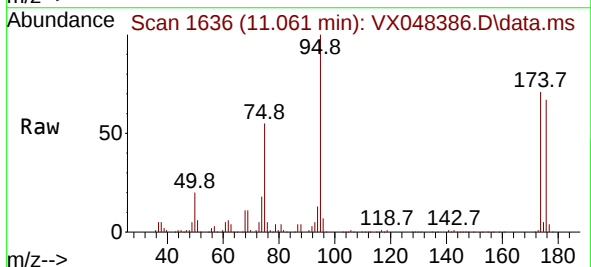
Tgt Ion:107 Resp: 35420
Ion Ratio Lower Upper
107 100
109 93.0 77.0 115.4

Manual Integrations
APPROVED

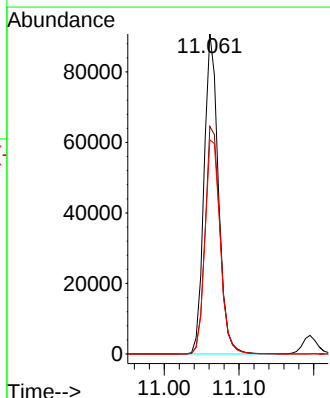
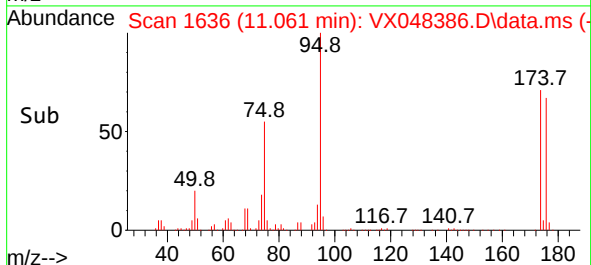
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

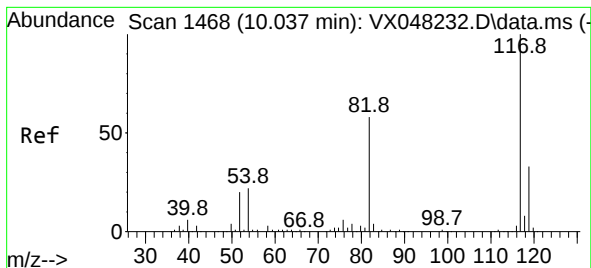


#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



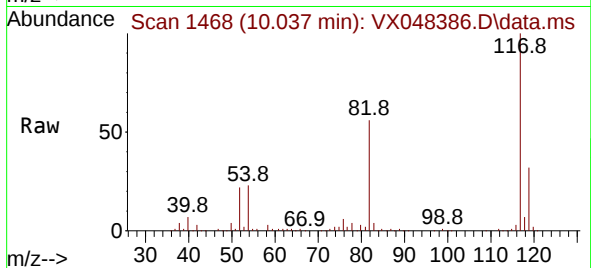
Tgt Ion: 95 Resp: 120928
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 71.2 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

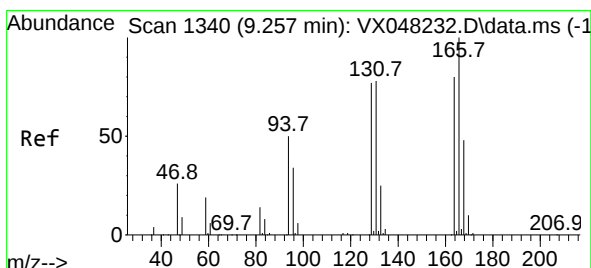
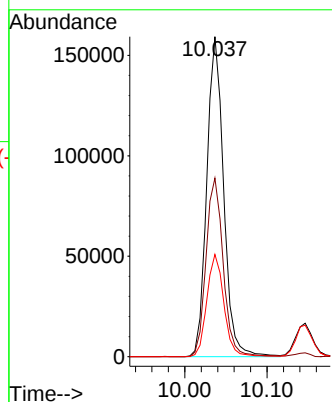
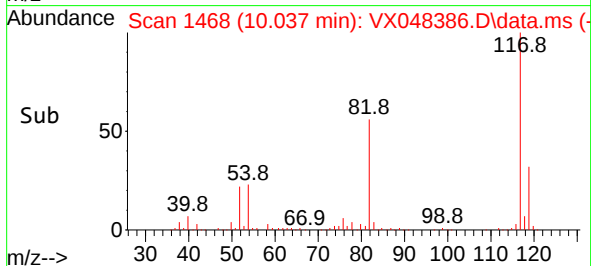
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion:117 Resp: 227600
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 31.9 25.9 38.9

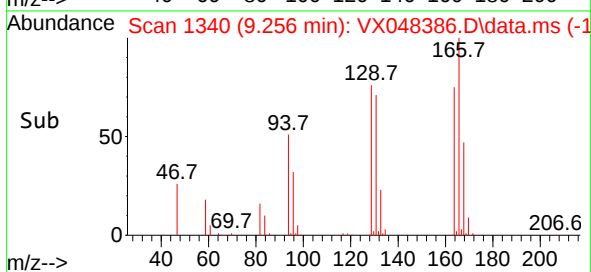
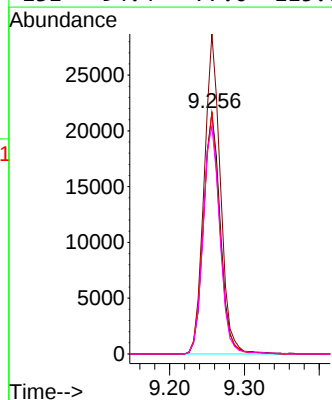
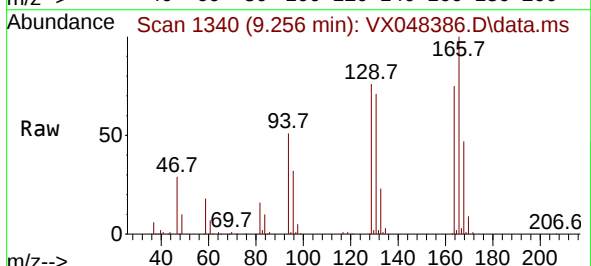
Manual Integrations
APPROVED

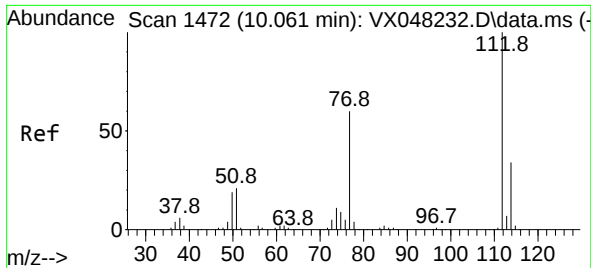
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#64
Tetrachloroethene
Concen: 19.834 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion:164 Resp: 33699
Ion Ratio Lower Upper
164 100
166 132.8 104.5 156.7
129 100.5 81.8 122.6
131 94.4 77.0 115.6





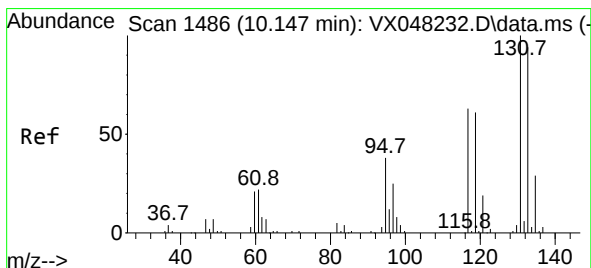
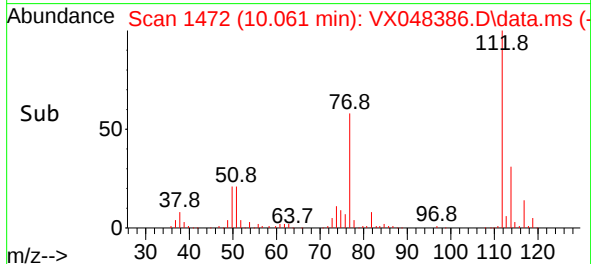
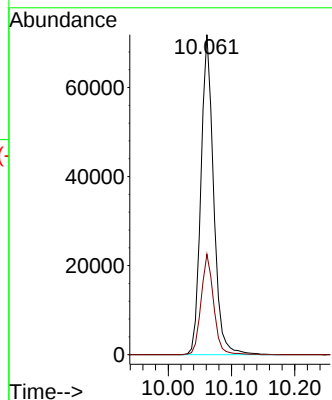
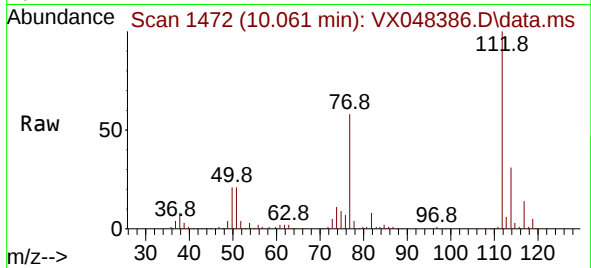
#65
Chlorobenzene
Concen: 19.612 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion:112 Resp: 100412
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2

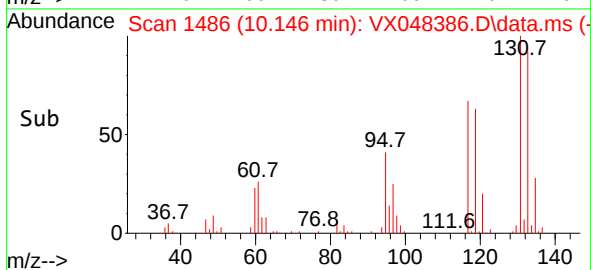
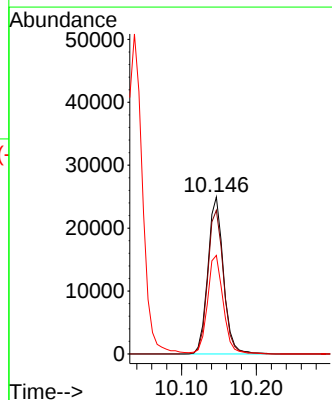
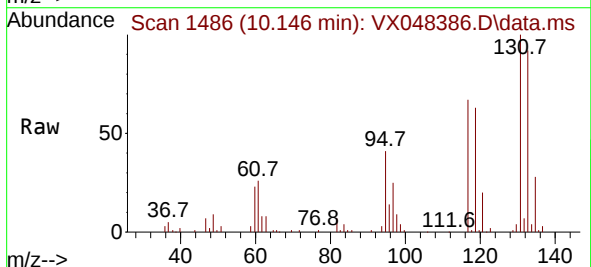
Manual Integrations
APPROVED

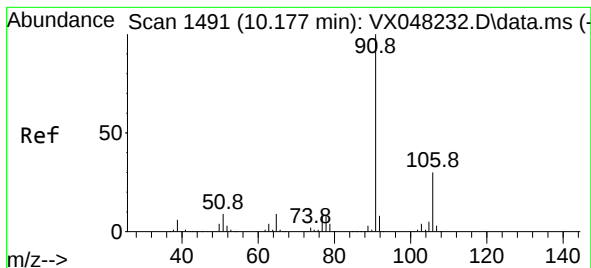
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.218 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

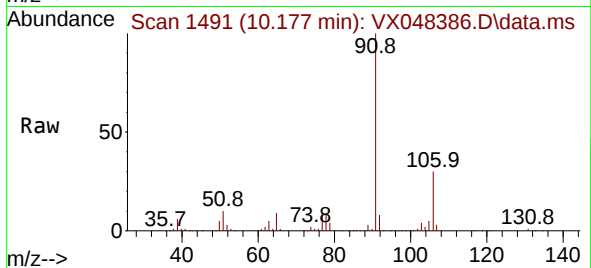
Tgt Ion:131 Resp: 36140
Ion Ratio Lower Upper
131 100
133 92.8 47.6 142.8
119 63.2 32.5 97.5





#67
Ethyl Benzene
Concen: 19.397 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

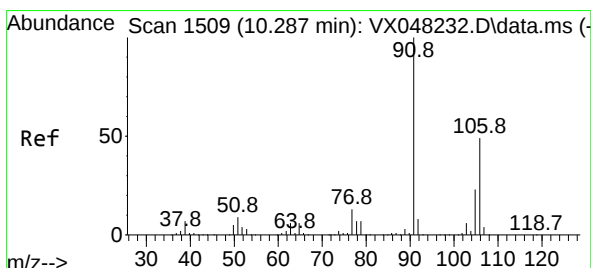
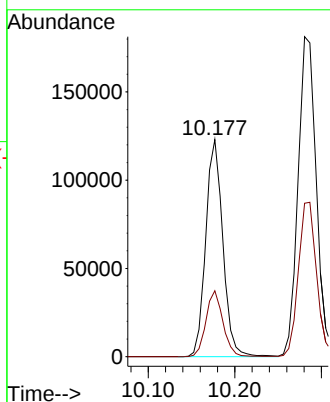
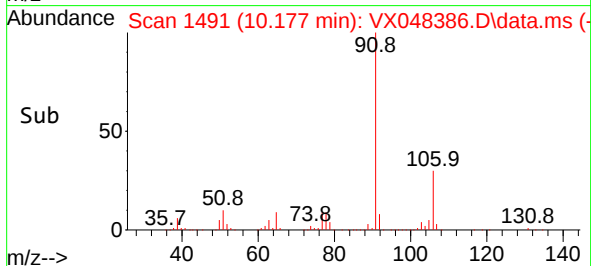
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



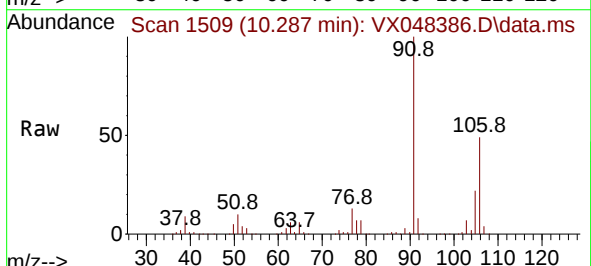
Tgt Ion: 91 Resp: 169088
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

Manual Integrations
APPROVED

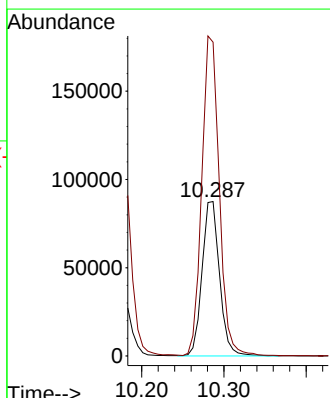
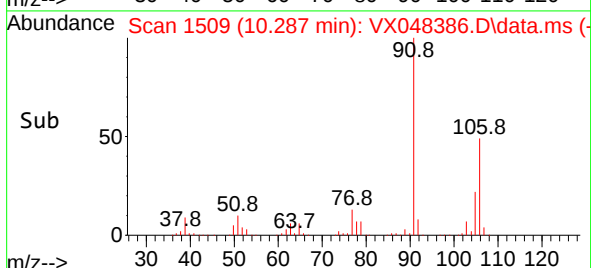
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

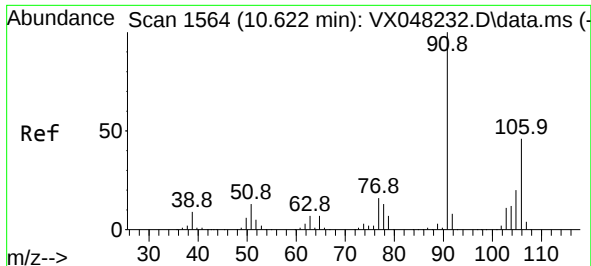


#68
m/p-Xylenes
Concen: 39.912 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



Tgt Ion:106 Resp: 129267
Ion Ratio Lower Upper
106 100
91 207.8 167.9 251.9





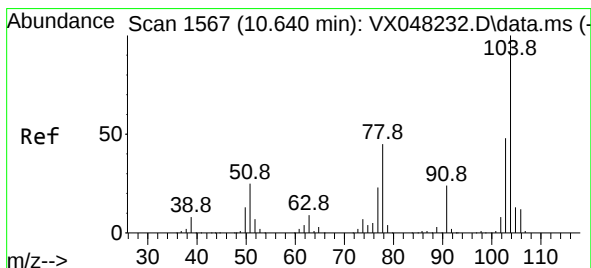
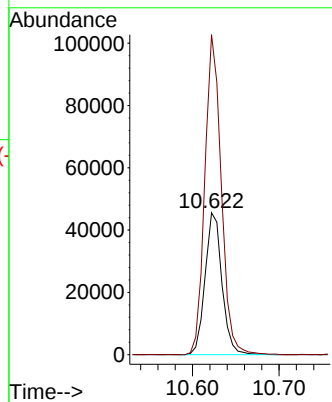
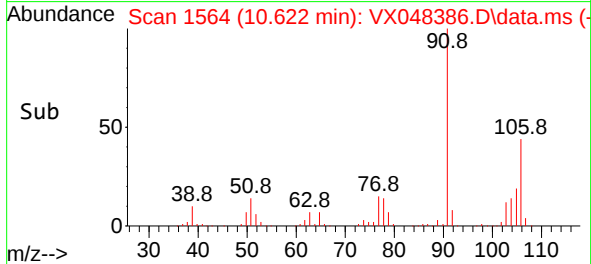
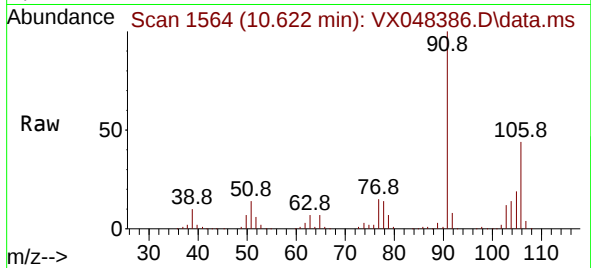
#69
o-Xylene
Concen: 19.723 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion:106 Resp: 6167
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9

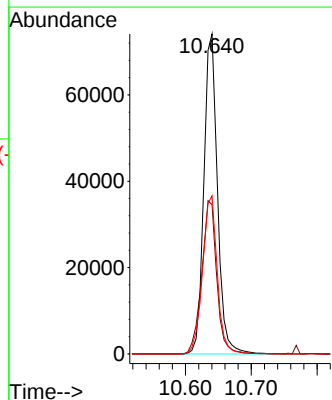
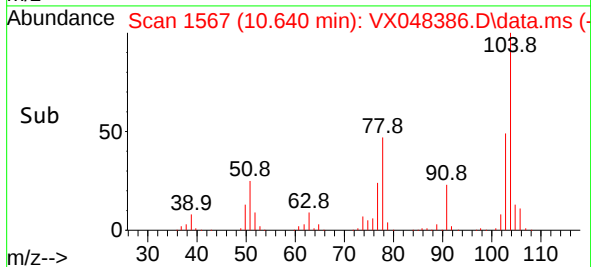
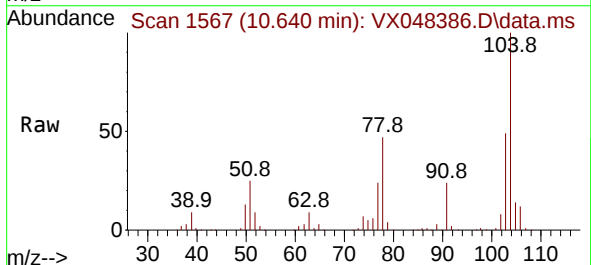
Manual Integrations
APPROVED

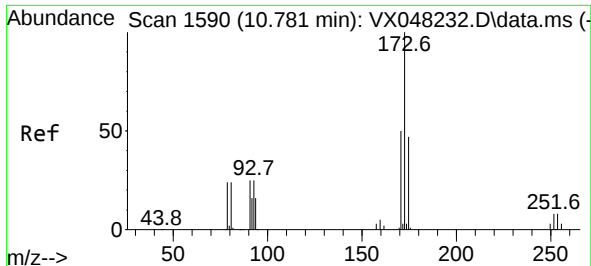
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#70
Styrene
Concen: 20.018 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

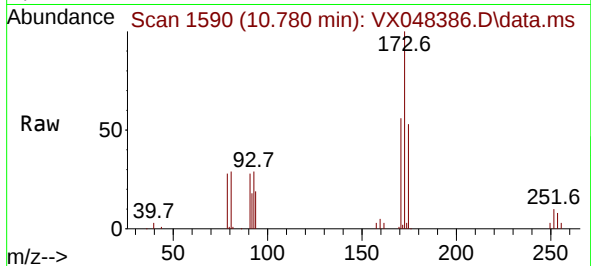
Tgt Ion:104 Resp: 106581
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 53.7 43.0 64.4





#71
Bromoform
Concen: 16.598 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

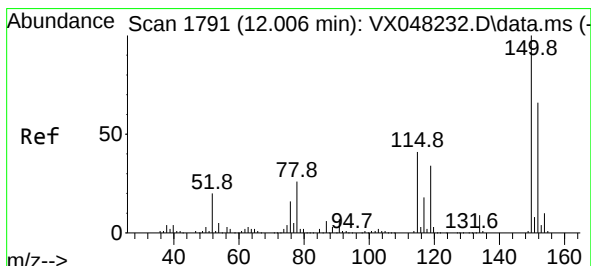
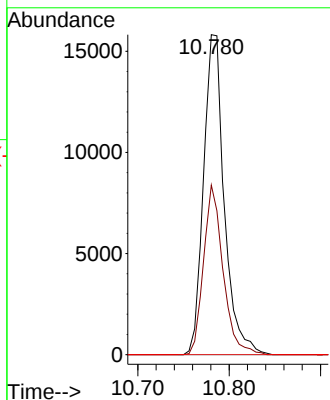
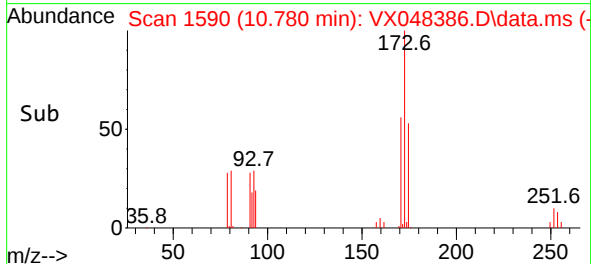
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



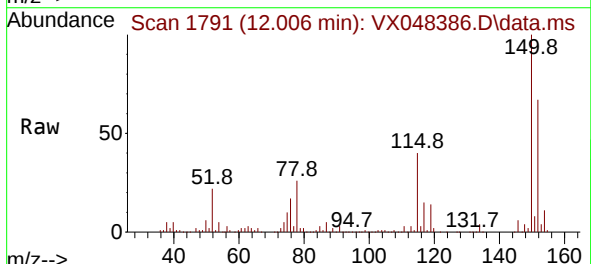
Tgt Ion:173 Resp: 24940
Ion Ratio Lower Upper
173 100
175 49.8 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

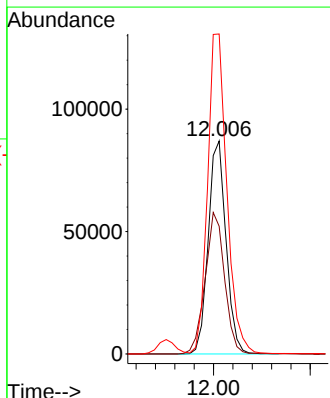
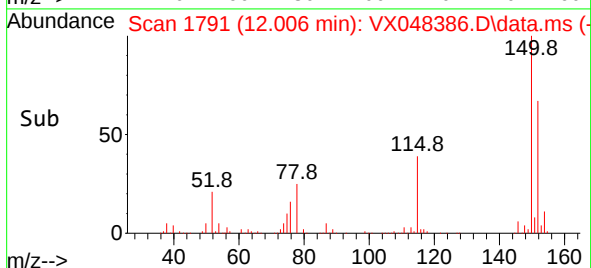
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

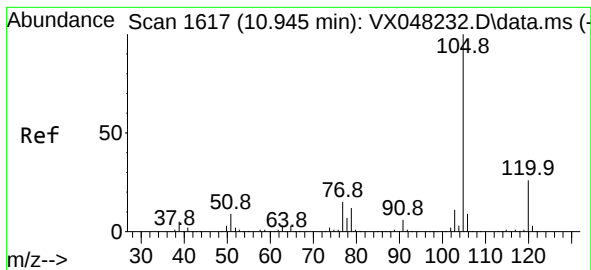


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



Tgt Ion:152 Resp: 111495
Ion Ratio Lower Upper
152 100
115 72.5 43.1 129.4
150 162.3 0.0 353.0





#73

Isopropylbenzene

Concen: 19.852 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

Tgt Ion:105 Resp: 16166

Ion Ratio Lower Upper

105 100

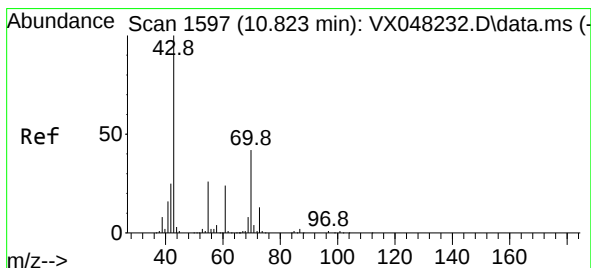
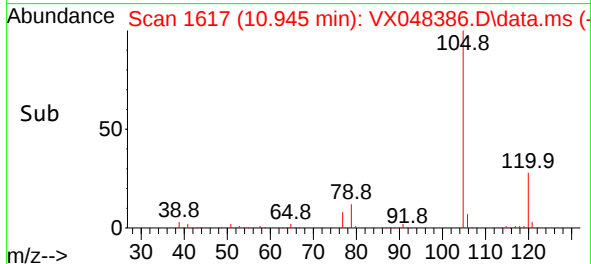
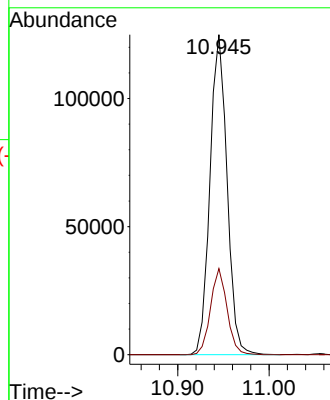
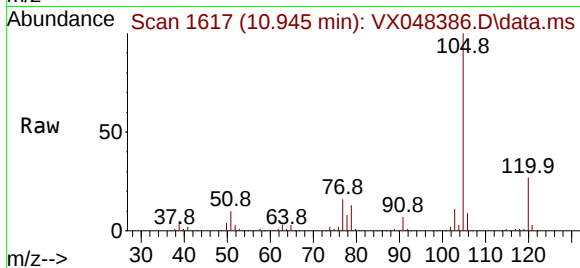
120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#74

N-ethyl acetate

Concen: 21.474 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Tgt Ion: 43 Resp: 62032

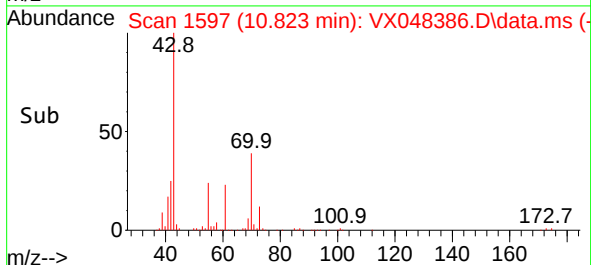
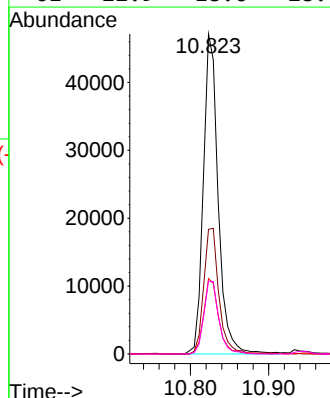
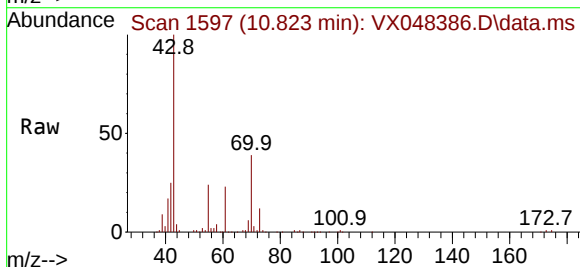
Ion Ratio Lower Upper

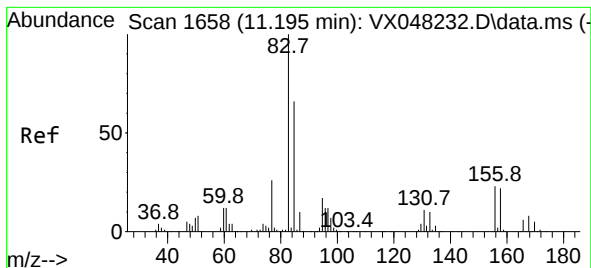
43 100

70 40.1 32.2 48.2

55 23.8 19.1 28.7

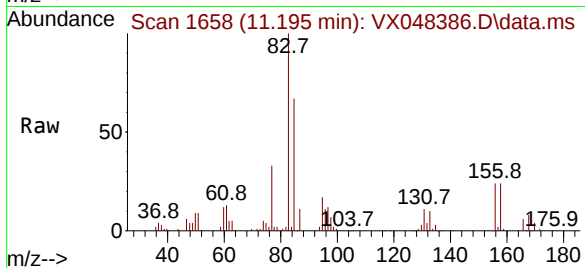
61 22.9 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.272 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

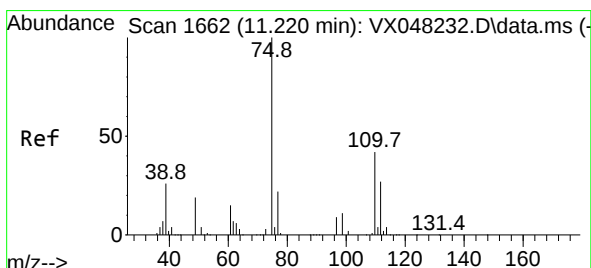
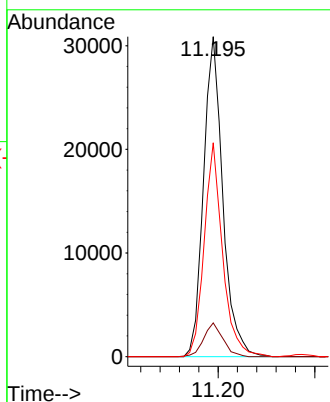
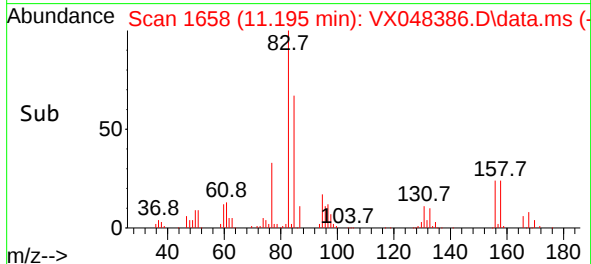
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



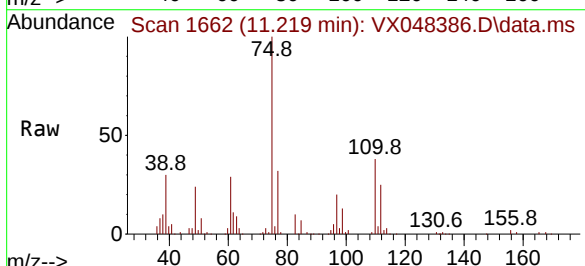
Tgt Ion: 83 Resp: 42859
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 63.8 31.9 95.7

Manual Integrations
APPROVED

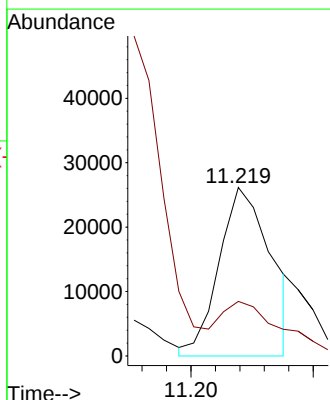
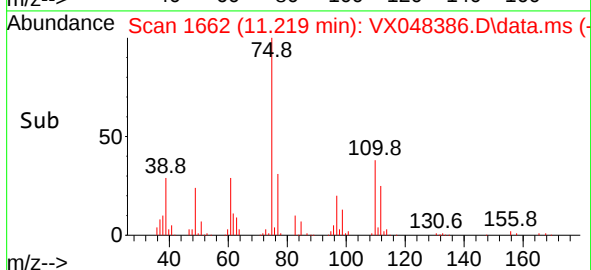
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

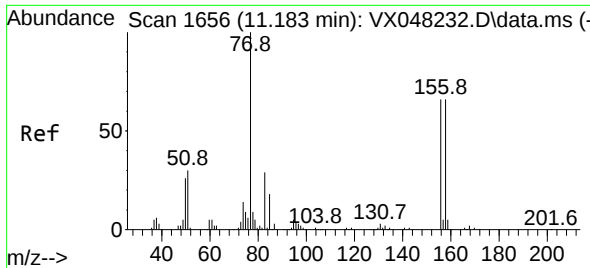


#76
1,2,3-Trichloropropane
Concen: 21.249 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



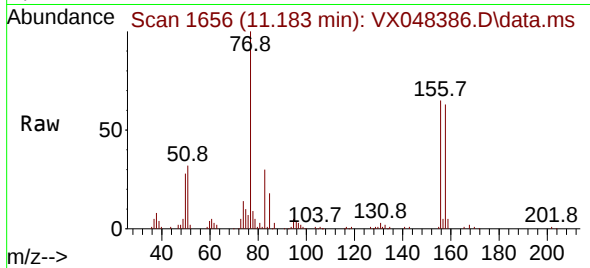
Tgt Ion: 75 Resp: 38420
Ion Ratio Lower Upper
75 100
77 37.5 22.4 67.2





#77
Bromobenzene
Concen: 19.642 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

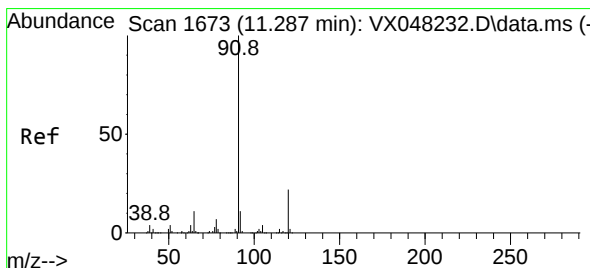
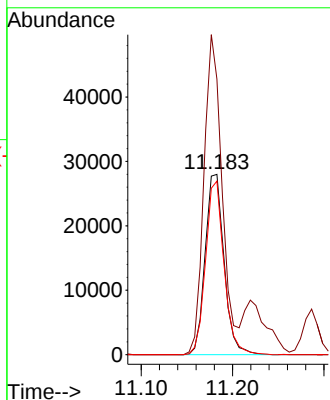
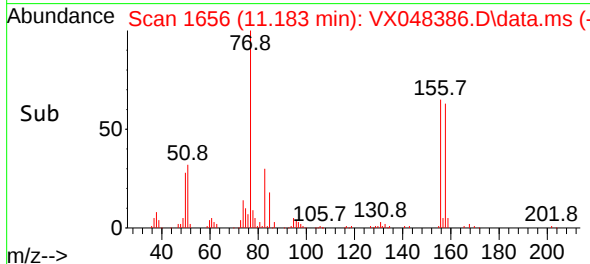
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



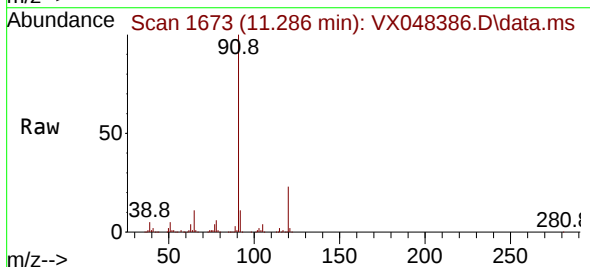
Tgt Ion:156 Resp: 40108
Ion Ratio Lower Upper
156 100
77 170.9 87.0 261.0
158 94.5 47.8 143.4

Manual Integrations
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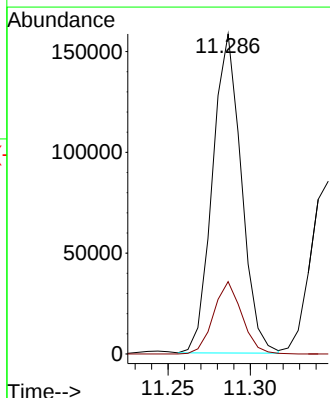
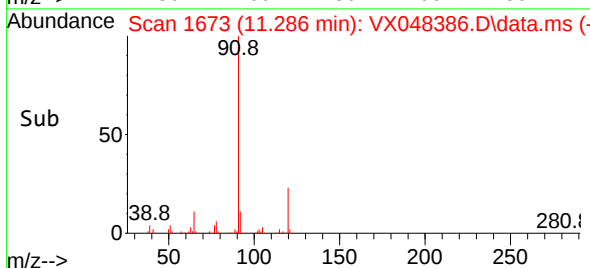
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

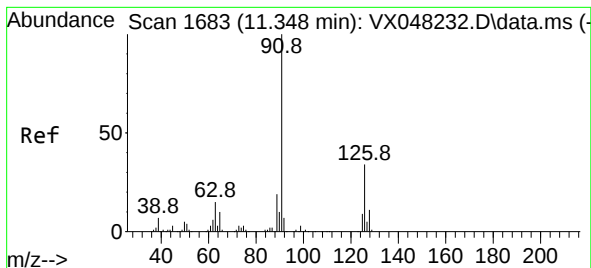


#78
n-propylbenzene
Concen: 20.472 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 91 Resp: 193025
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





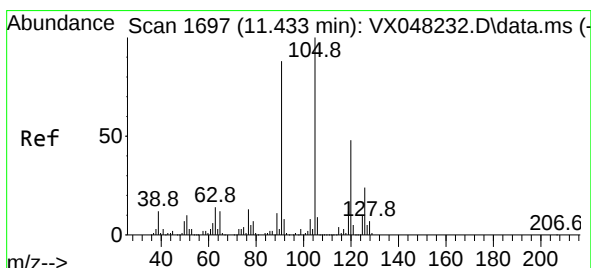
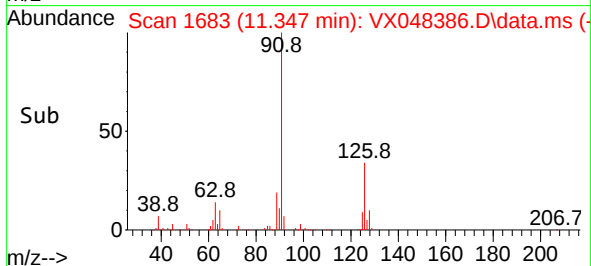
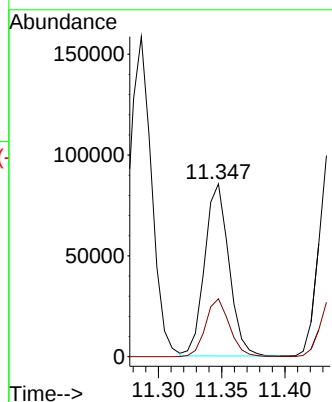
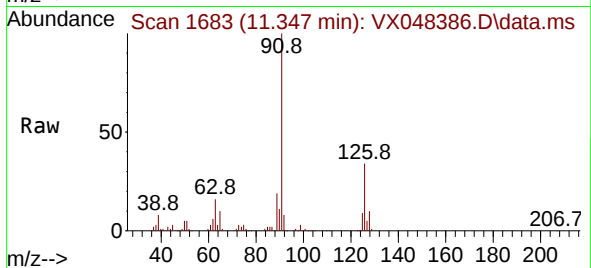
#79
2-Chlorotoluene
Concen: 20.023 ug/l
RT: 11.347 min Scan# 11446
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tgt Ion: 91 Resp: 11446
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

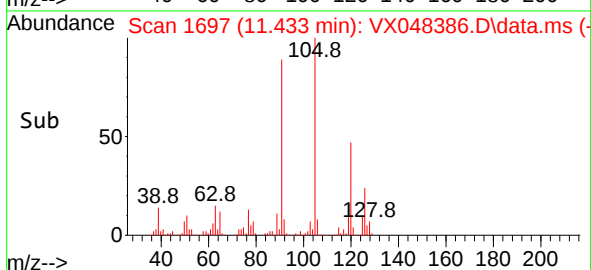
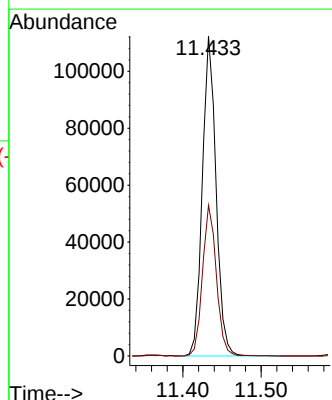
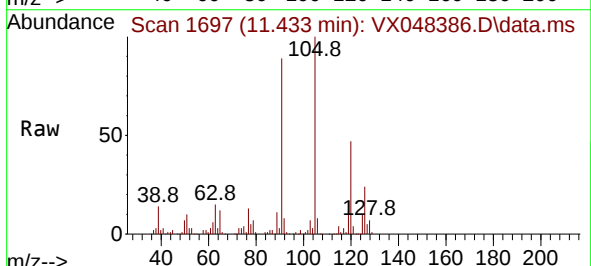
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.231 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

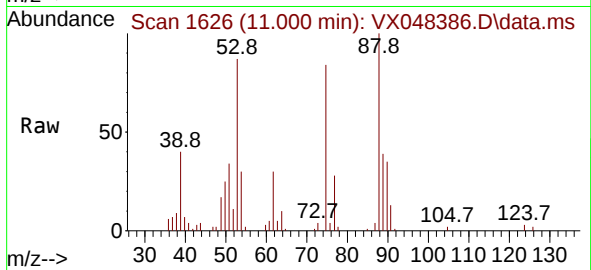
Tgt Ion:105 Resp: 136345
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 12.731 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

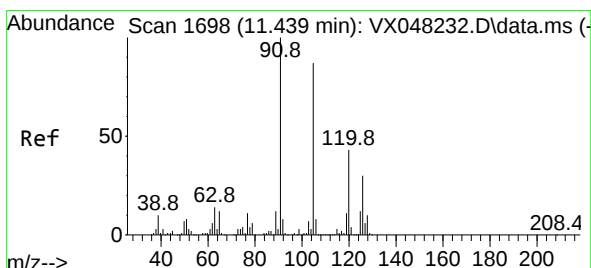
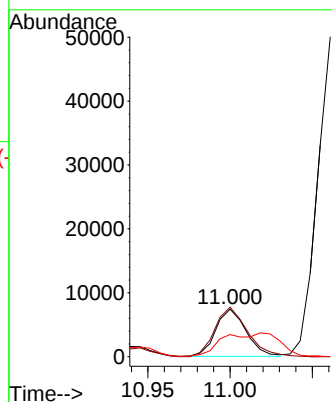
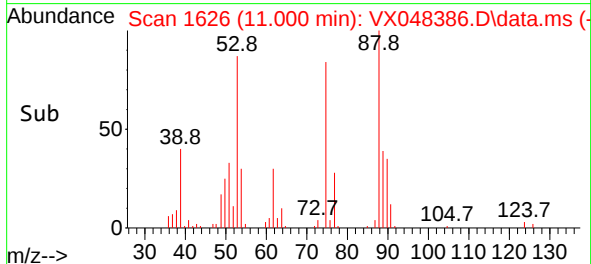
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



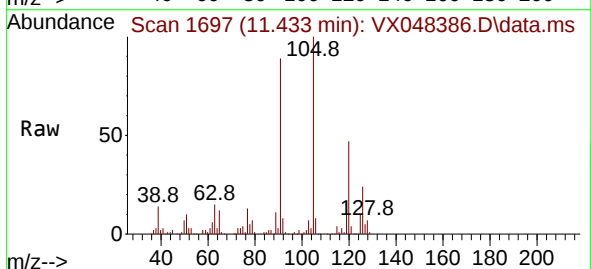
Tgt Ion: 75 Resp: 946
Ion Ratio Lower Upper
75 100
53 112.7 79.5 119.3
89 96.2 36.8 55.2

Manual Integrations
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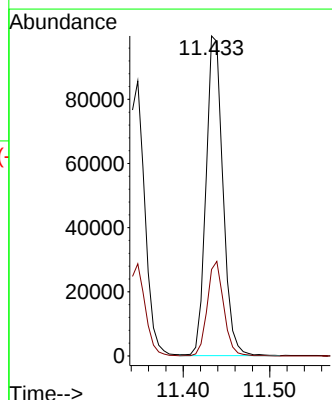
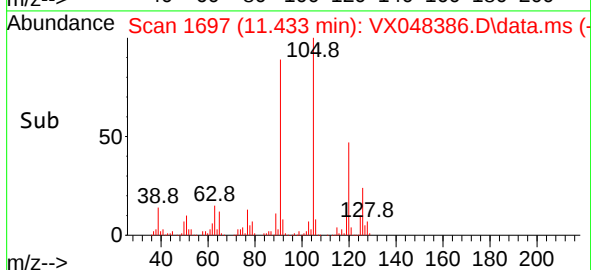
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

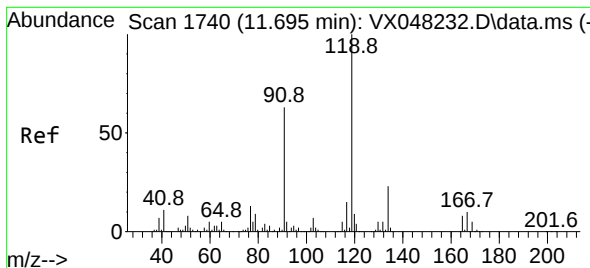


#82
4-Chlorotoluene
Concen: 19.950 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



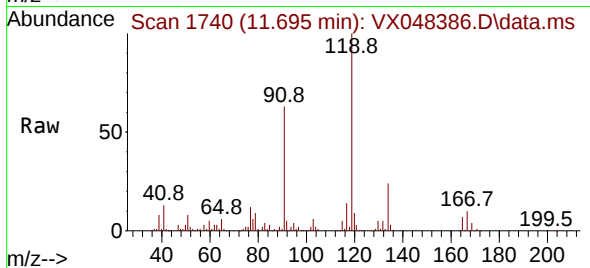
Tgt Ion: 91 Resp: 135382
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.887 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

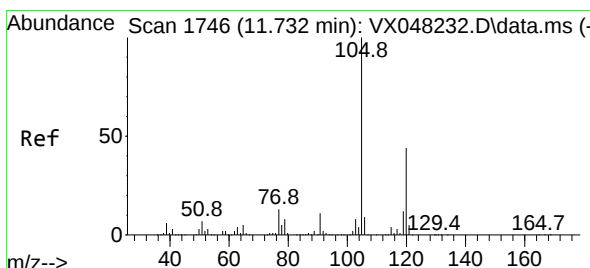
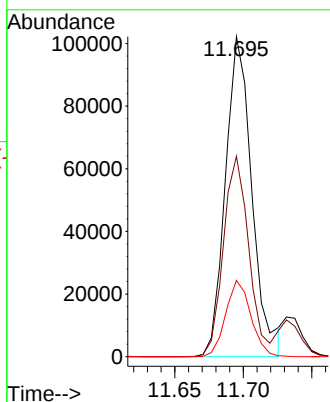
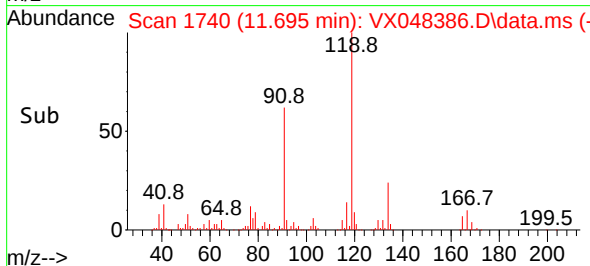
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



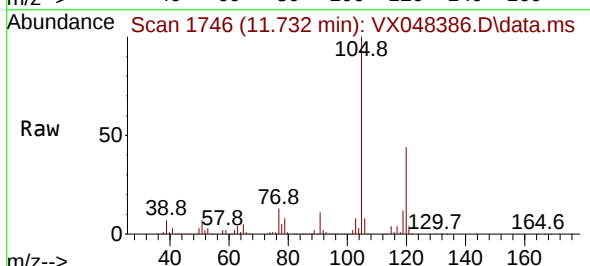
Tgt Ion:119 Resp: 137704
Ion Ratio Lower Upper
119 100
91 60.0 30.3 91.0
134 22.7 11.4 34.2

Manual Integrations
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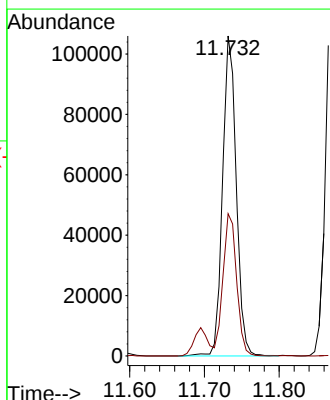
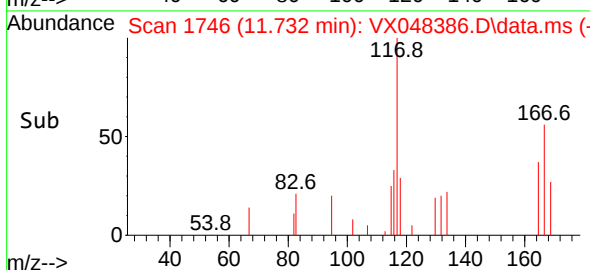
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

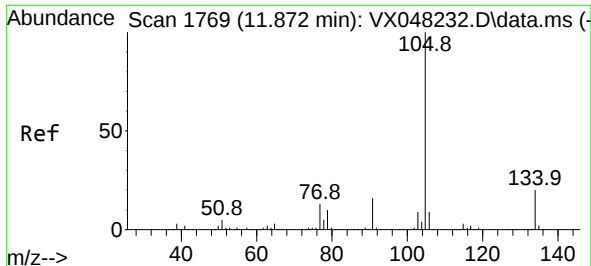


#84
1,2,4-Trimethylbenzene
Concen: 20.020 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



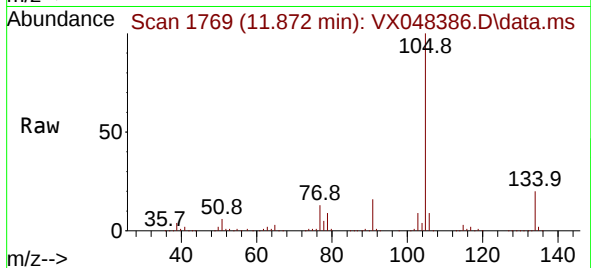
Tgt Ion:105 Resp: 134649
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 20.347 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048386.D
 Acq: 28 Oct 2025 10:24

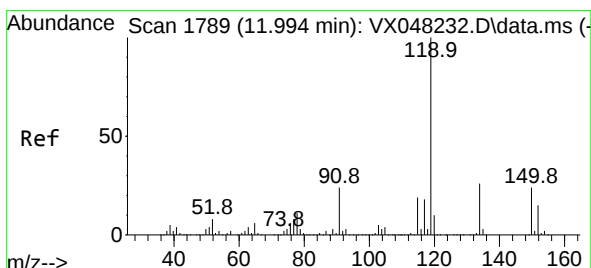
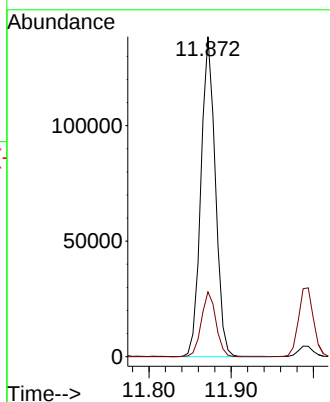
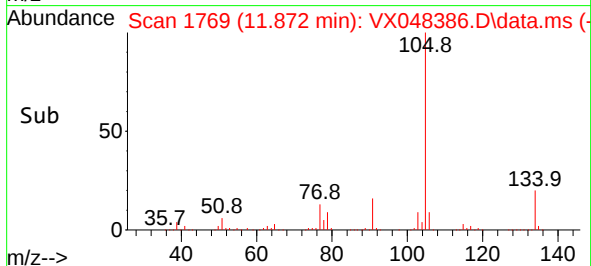
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01



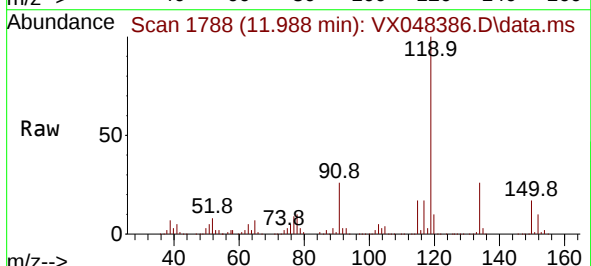
Tgt Ion:105 Resp: 169504
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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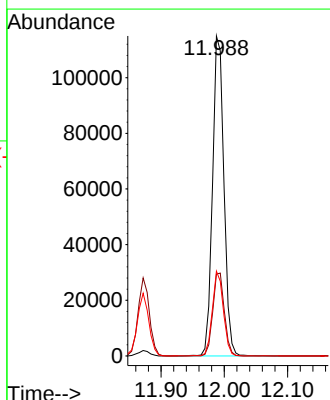
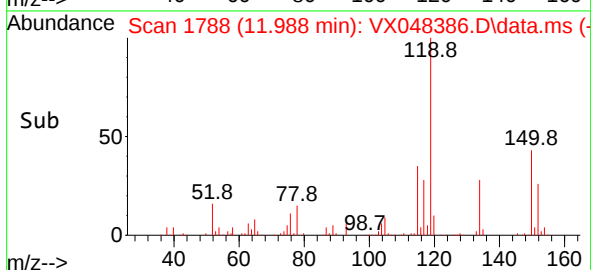
Reviewed By :John Carlone 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

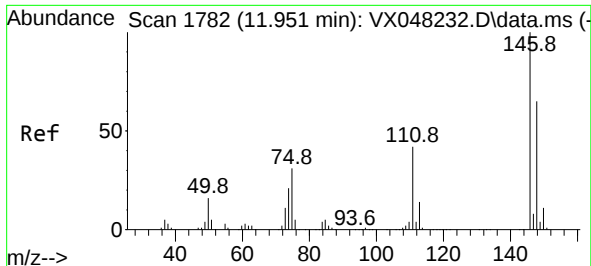


#86
 p-Isopropyltoluene
 Concen: 19.992 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048386.D
 Acq: 28 Oct 2025 10:24



Tgt Ion:119 Resp: 143954
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 25.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.770 ug/l

RT: 11.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

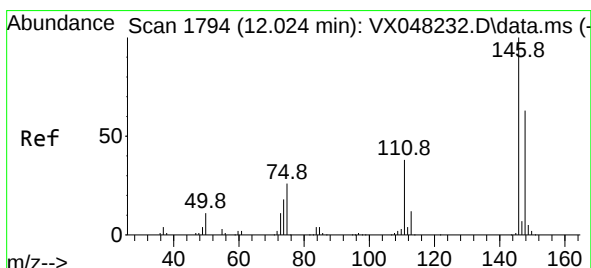
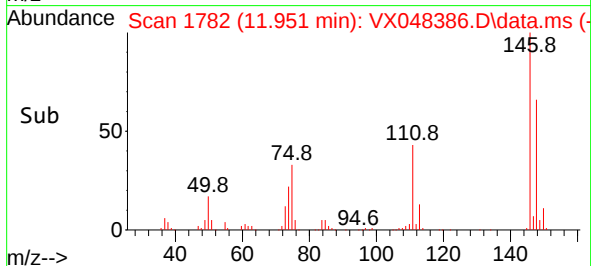
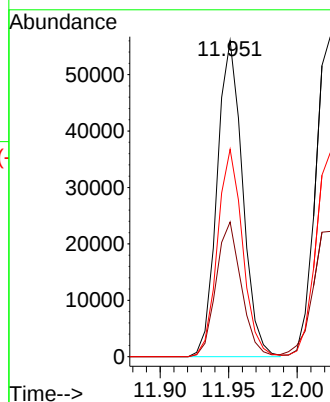
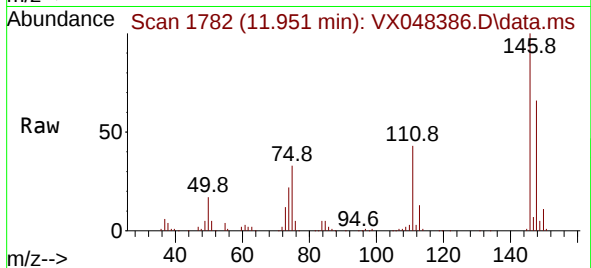
Tgt Ion:146 Resp: 72254
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.4 61.2
 148 64.6 31.9 95.9

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#88

1,4-Dichlorobenzene

Concen: 18.596 ug/l

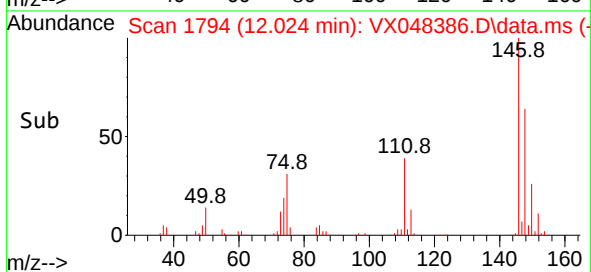
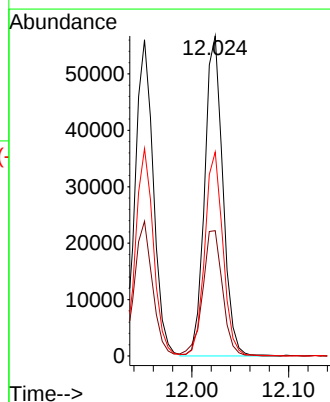
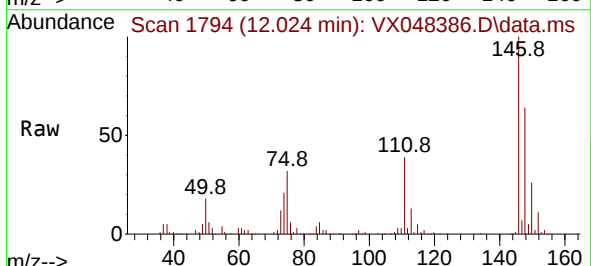
RT: 12.024 min Scan# 1794

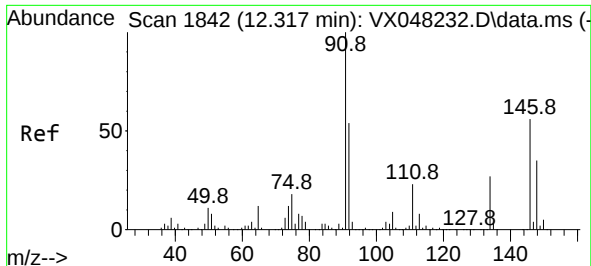
Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Tgt Ion:146 Resp: 74158
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.1 60.2
 148 63.7 31.8 95.3





#89

n-Butylbenzene

Concen: 20.152 ug/l

RT: 12.311 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

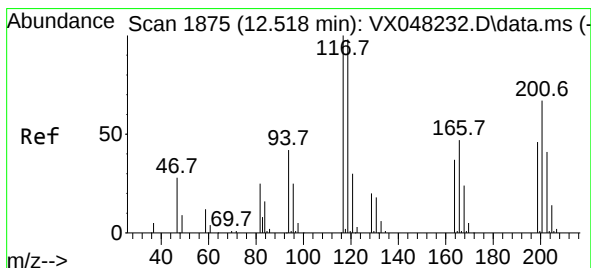
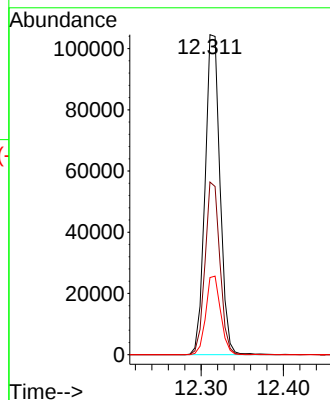
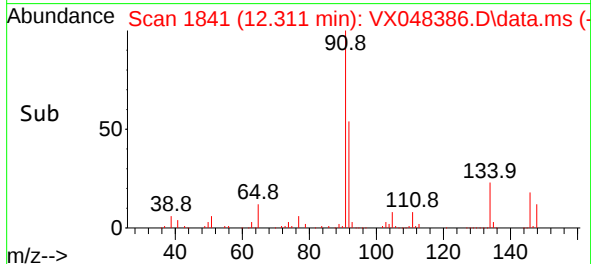
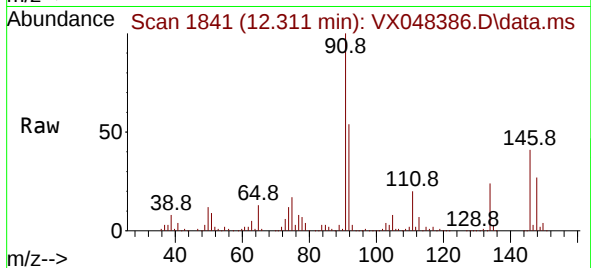
Tgt Ion: 91 Resp: 132070
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.9 80.6
 134 24.3 12.7 38.1

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#90

Hexachloroethane

Concen: 17.629 ug/l

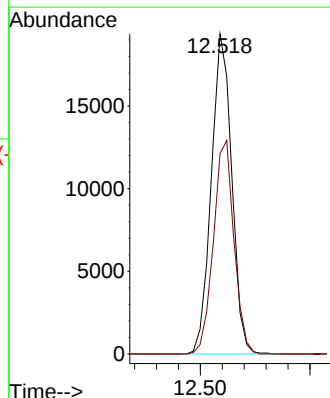
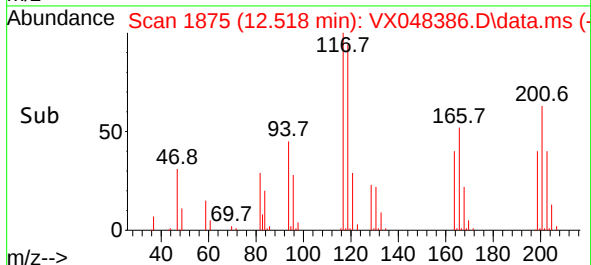
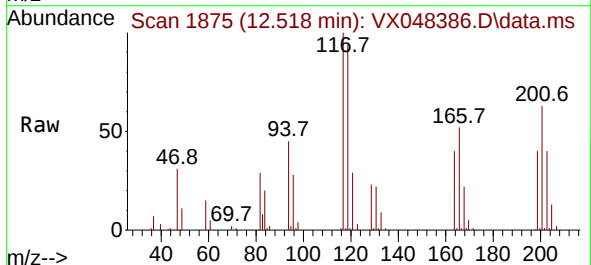
RT: 12.518 min Scan# 1875

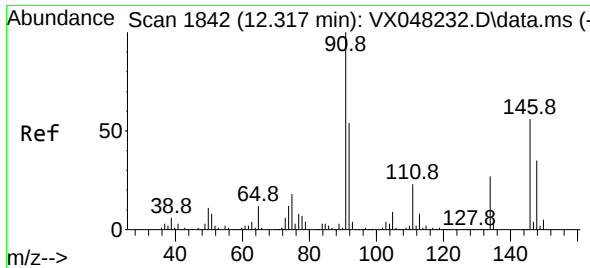
Delta R.T. -0.000 min

Lab File: VX048386.D

Acq: 28 Oct 2025 10:24

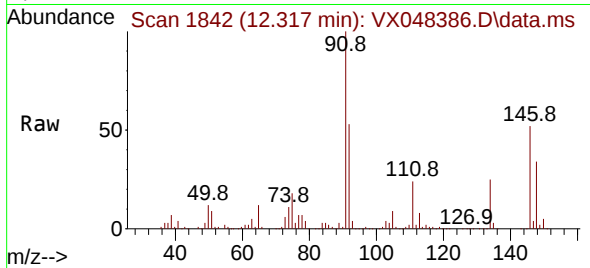
Tgt Ion:117 Resp: 25067
 Ion Ratio Lower Upper
 117 100
 201 67.1 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 19.000 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

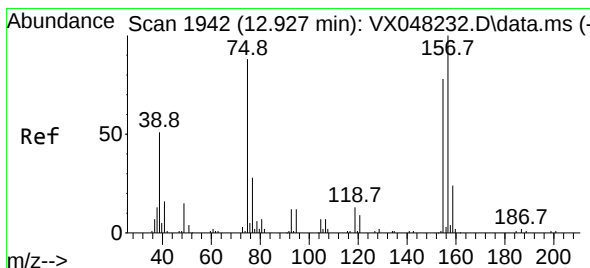
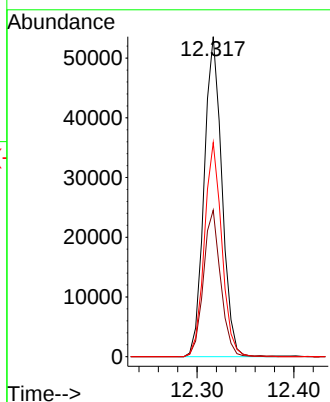
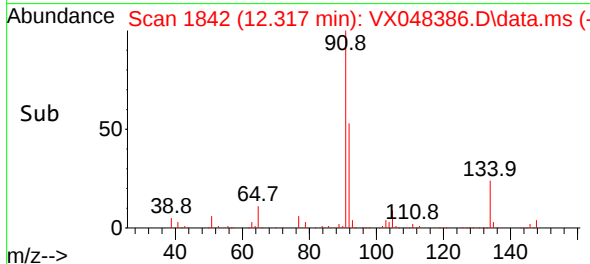
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion:146 Resp: 6866
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.5
148 65.4 31.9 95.5

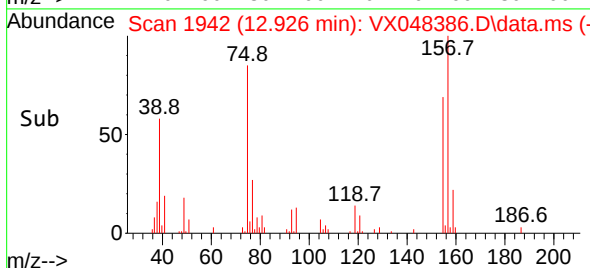
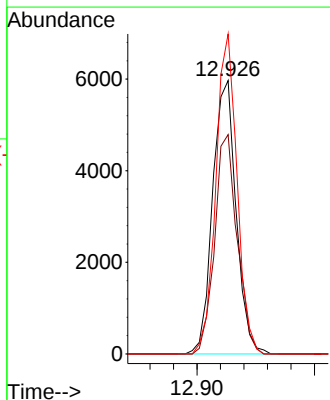
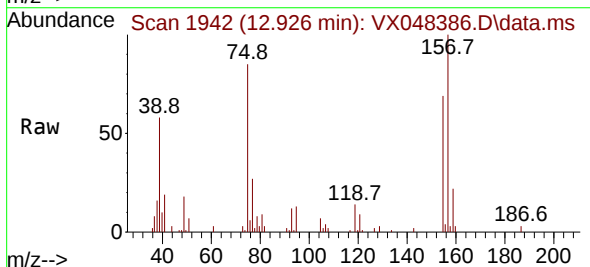
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.287 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

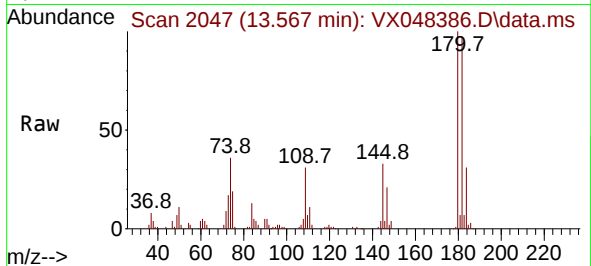
Tgt Ion: 75 Resp: 8255
Ion Ratio Lower Upper
75 100
155 77.2 42.8 128.4
157 105.9 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 18.498 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

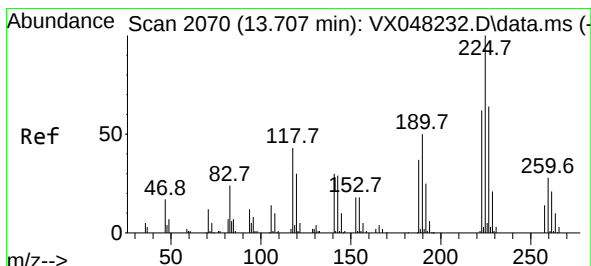
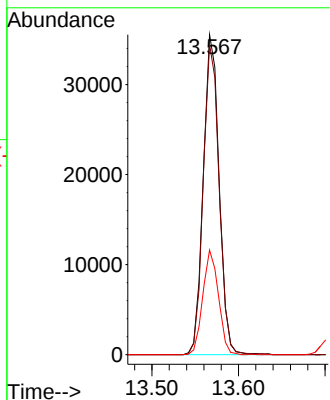
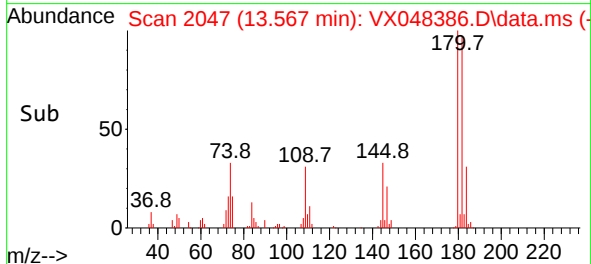
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



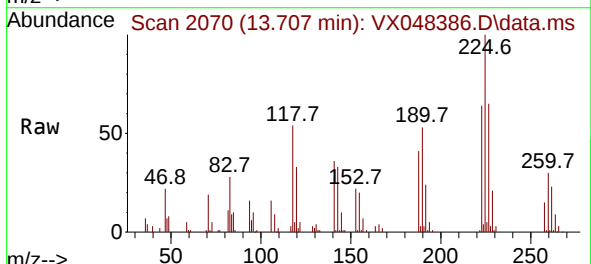
Tgt Ion:180 Resp: 4521
Ion Ratio Lower Upper
180 100
182 96.8 47.3 142.0
145 32.2 16.3 48.9

Manual Integrations
APPROVED

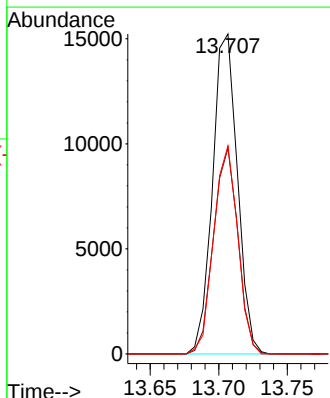
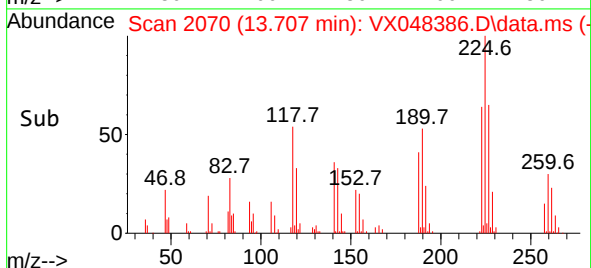
Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

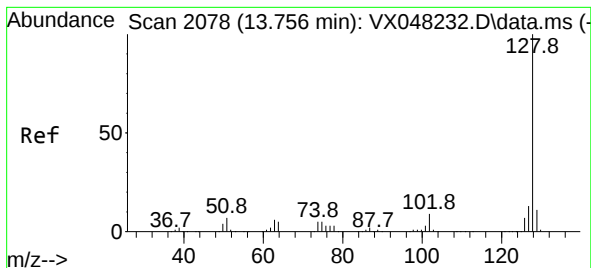


#94
Hexachlorobutadiene
Concen: 21.061 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24



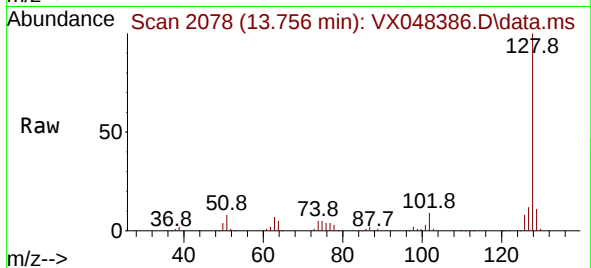
Tgt Ion:225 Resp: 19254
Ion Ratio Lower Upper
225 100
223 63.1 32.6 97.7
227 62.9 32.5 97.4





#95
Naphthalene
Concen: 19.012 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

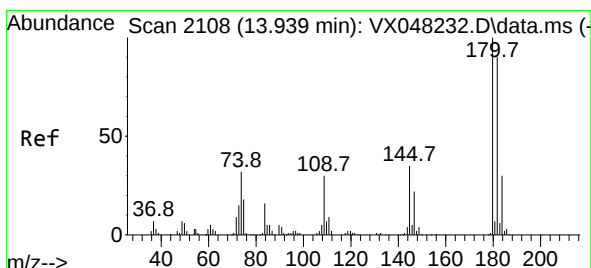
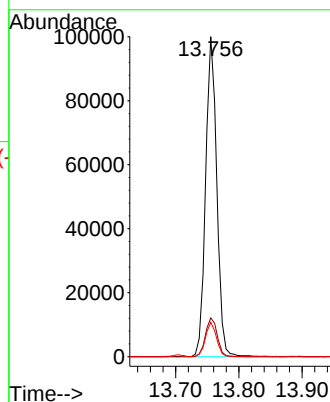
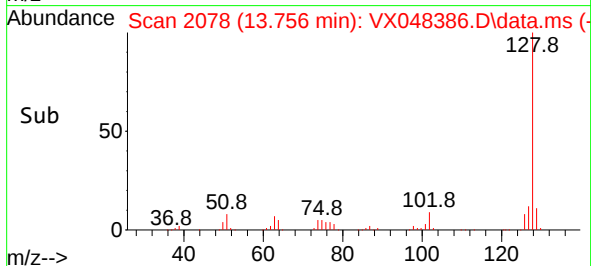
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01



Tgt Ion:128 Resp: 123109
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.369 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048386.D
Acq: 28 Oct 2025 10:24

Tgt Ion:180 Resp: 43441
Ion Ratio Lower Upper
180 100
182 94.8 46.6 139.7
145 33.9 16.9 50.7

