

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048314.D
 Acq On : 23 Oct 2025 11:05
 Operator : JC/MD
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 05:40:27 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	134735	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	225186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	200619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	100838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	94984	50.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.560%			
35) Dibromofluoromethane	5.367	113	60863	39.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.180%			
50) Toluene-d8	8.628	98	254236	47.181	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.360%			
62) 4-Bromofluorobenzene	11.061	95	95495	46.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	25705	18.558	ug/l	98
3) Chloromethane	1.301	50	13105	10.136	ug/l	94
4) Vinyl Chloride	1.380	62	33439	27.931	ug/l	95
5) Bromomethane	1.618	94	13155	16.191	ug/l	100
6) Chloroethane	1.697	64	20658	29.365	ug/l	96
7) Trichlorofluoromethane	1.898	101	57805	25.176	ug/l	97
8) Diethyl Ether	2.130	74	20213	31.287	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	31397	21.594	ug/l	97
10) Methyl Iodide	2.453	142	104916	57.399	ug/l	99
11) Tert butyl alcohol	2.934	59	15782	84.143	ug/l	99
12) 1,1-Dichloroethene	2.325	96	30353	21.458	ug/l	98
13) Acrolein	2.233	56	23749	124.150	ug/l	98
14) Allyl chloride	2.666	41	53353	22.718	ug/l	97
15) Acrylonitrile	3.050	53	70806	104.692	ug/l	99
16) Acetone	2.373	43	49259	76.010	ug/l	91
17) Carbon Disulfide	2.514	76	85742	19.233	ug/l	99
18) Methyl Acetate	2.697	43	29964	22.139	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	104408	21.636	ug/l	98
20) Methylene Chloride	2.788	84	33702	21.343	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	32910	21.180	ug/l	97
22) Diisopropyl ether	3.745	45	118290	25.253	ug/l	99
23) Vinyl Acetate	3.709	43	433361	115.819	ug/l	100
24) 1,1-Dichloroethane	3.599	63	64112	22.636	ug/l	100
25) 2-Butanone	4.532	43	76484	93.241	ug/l	95
26) 2,2-Dichloropropane	4.458	77	55055	21.535	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	39131	21.579	ug/l	97
28) Bromochloromethane	4.879	49	30258	25.765	ug/l	99
29) Tetrahydrofuran	4.983	42	50667	103.135	ug/l	97
30) Chloroform	5.074	83	66927	22.117	ug/l	94
31) Cyclohexane	5.452	56	53812	22.948	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	58498	20.976	ug/l	98
36) 1,1-Dichloropropene	5.678	75	44207	20.232	ug/l	97
37) Ethyl Acetate	4.690	43	39088	21.582	ug/l	99
38) Carbon Tetrachloride	5.659	117	51129	18.966	ug/l	98
39) Methylcyclohexane	7.360	83	51755	20.056	ug/l	95
40) Benzene	6.019	78	134226	21.158	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	21156	22.243	ug/l	97
42) 1,2-Dichloroethane	6.062	62	52755	22.536	ug/l	98
43) Isopropyl Acetate	6.318	43	68257	22.944	ug/l	98
44) Trichloroethene	7.104	130	34060	20.333	ug/l	99
45) 1,2-Dichloropropane	7.409	63	34463	22.849	ug/l	98
46) Dibromomethane	7.562	93	24719	21.036	ug/l	99
47) Bromodichloromethane	7.799	83	53226	20.978	ug/l	94
48) Methyl methacrylate	7.671	41	33591	22.376	ug/l	96
49) 1,4-Dioxane	7.635	88	7092	357.589	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	188991	110.181	ug/l	99
52) Toluene	8.702	92	84962	21.081	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	50982	20.851	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	53701	20.357	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	31457	20.989	ug/l	95
56) Ethyl methacrylate	9.098	69	46166	21.059	ug/l	97
57) 1,3-Dichloropropane	9.293	76	54094	21.130	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	118328	101.402	ug/l	99
59) 2-Hexanone	9.415	43	124519	104.109	ug/l	100
60) Dibromochloromethane	9.506	129	39420	19.569	ug/l	99
61) 1,2-Dibromoethane	9.592	107	33344	20.869	ug/l	96
64) Tetrachloroethene	9.256	164	32413	21.642	ug/l	97
65) Chlorobenzene	10.061	112	93928	20.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	32734	19.748	ug/l	98
67) Ethyl Benzene	10.177	91	159527	20.762	ug/l	100
68) m/p-Xylenes	10.281	106	122663	42.967	ug/l	98
69) o-Xylene	10.622	106	57566	20.886	ug/l	98
70) Styrene	10.640	104	99301	21.159	ug/l	99
71) Bromoform	10.781	173	23651	17.852	ug/l #	99
73) Isopropylbenzene	10.945	105	151873	20.620	ug/l	100
74) N-amyl acetate	10.823	43	58452	22.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	41143	20.456	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	32254m	19.724	ug/l	
77) Bromobenzene	11.183	156	36867	19.963	ug/l	98
78) n-propylbenzene	11.287	91	180722	21.192	ug/l	99
79) 2-Chlorotoluene	11.347	91	108791	21.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	124648	20.451	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	9074	13.500	ug/l #	74
82) 4-Chlorotoluene	11.433	91	129194	21.050	ug/l	99
83) tert-Butylbenzene	11.695	119	123634	19.742	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	126378	20.776	ug/l	100
85) sec-Butylbenzene	11.872	105	155009	20.573	ug/l	99
86) p-Isopropyltoluene	11.988	119	128248	19.693	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	70232	20.173	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	70529	19.555	ug/l	96
89) n-Butylbenzene	12.311	91	119985	20.242	ug/l	100
90) Hexachloroethane	12.518	117	21276	16.544	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	66879	20.460	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	7992	19.575	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	42089	19.041	ug/l	97
94) Hexachlorobutadiene	13.707	225	16524	19.989	ug/l	98
95) Naphthalene	13.756	128	115344	19.695	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	40205	19.821	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX1023WBSD01

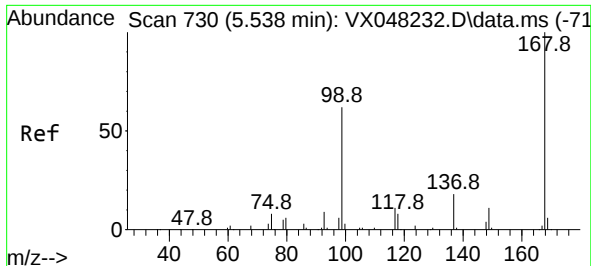
Manual Integrations
APPROVED

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Quant Time: Oct 24 05:40:27 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

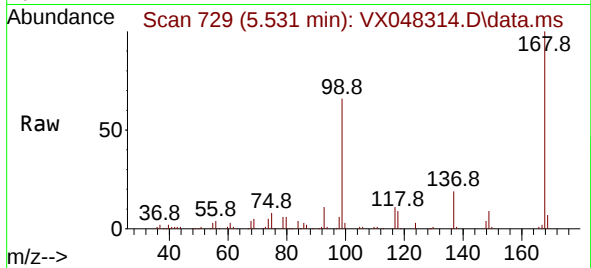
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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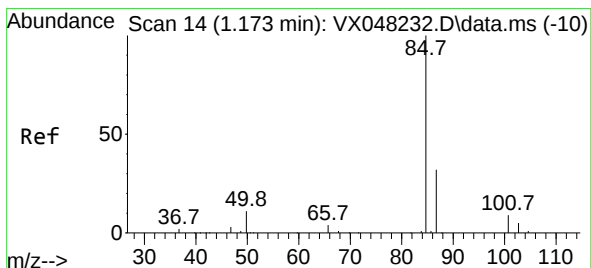
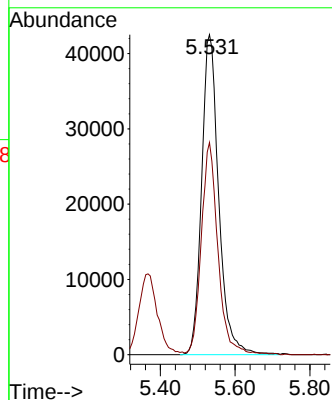
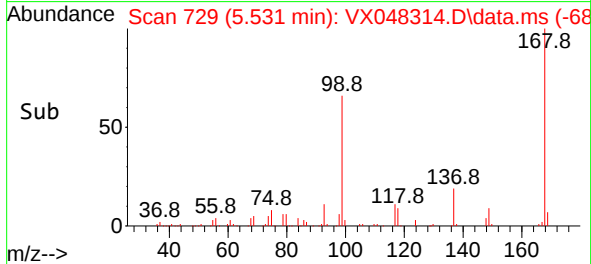
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion:168 Resp: 134735
Ion Ratio Lower Upper
168 100
99 66.3 46.4 69.6

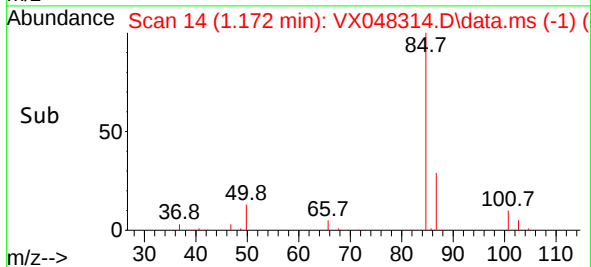
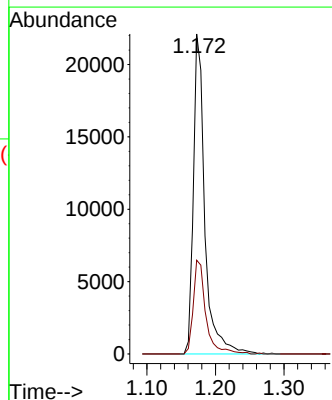
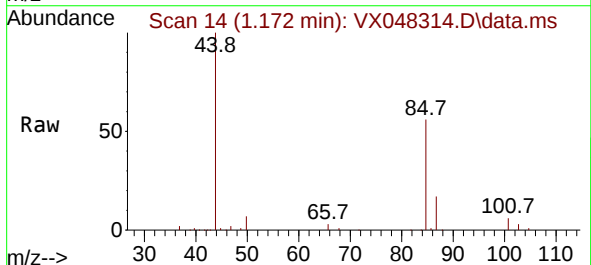
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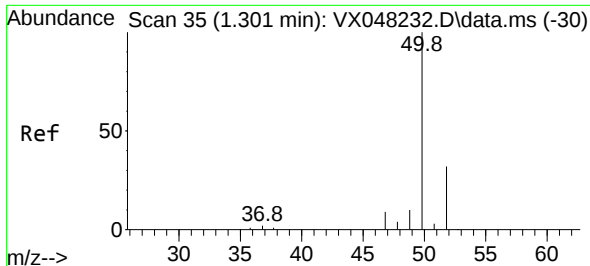
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 18.558 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 85 Resp: 25705
Ion Ratio Lower Upper
85 100
87 29.3 15.3 45.9





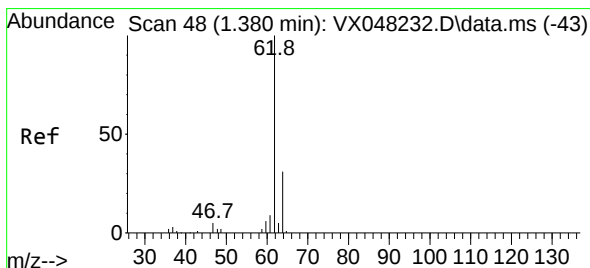
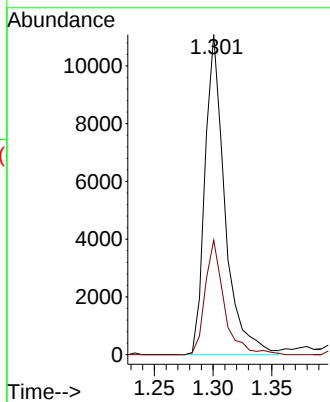
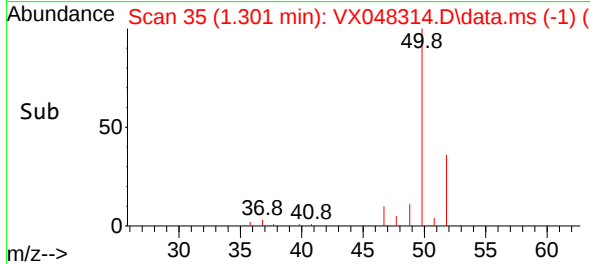
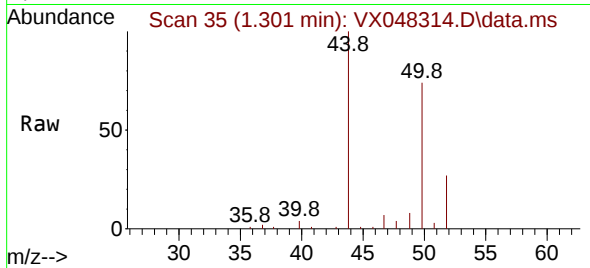
#3
Chloromethane
Concen: 10.136 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

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Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 35.8 25.9 38.9

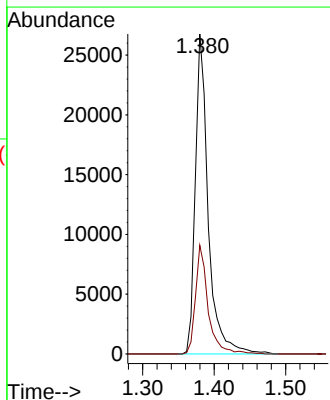
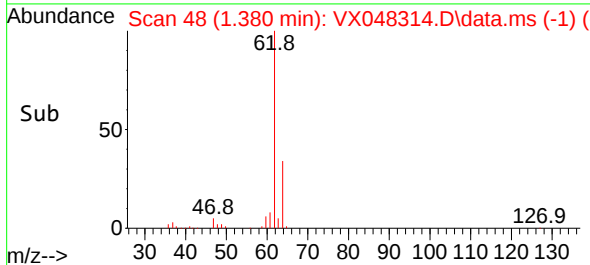
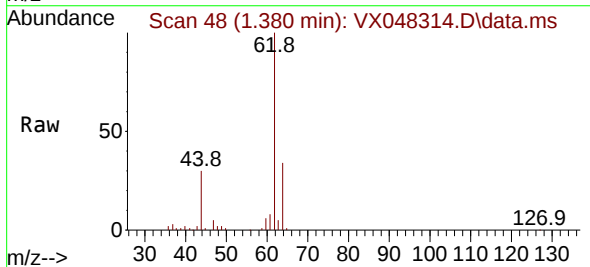
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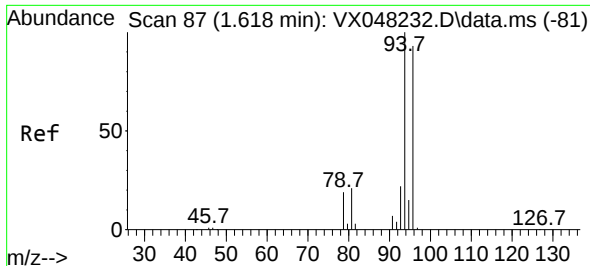
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#4
Vinyl Chloride
Concen: 27.931 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

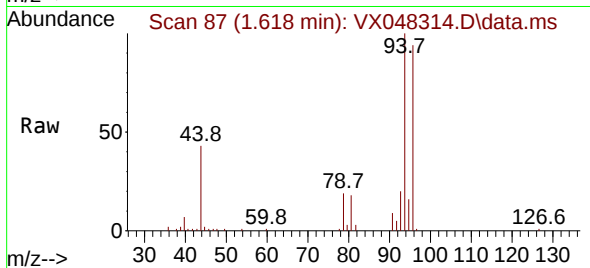
Tgt Ion: 62 Resp: 33439
Ion Ratio Lower Upper
62 100
64 34.0 25.1 37.7





#5
Bromomethane
Concen: 16.191 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

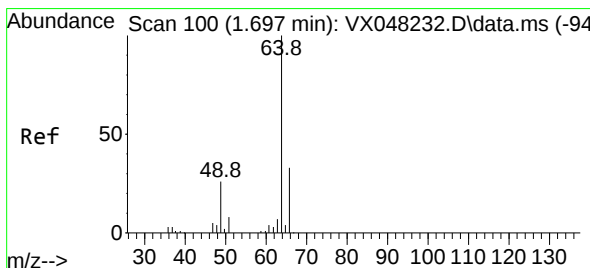
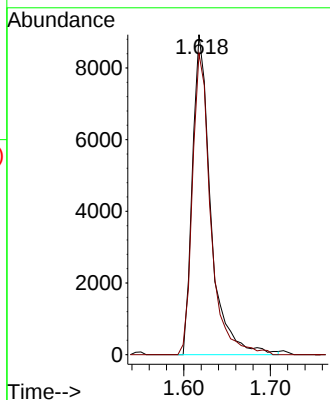
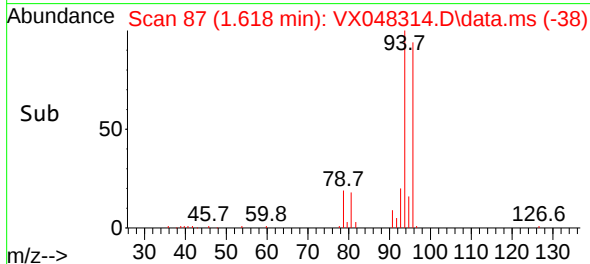
Instrument :
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Tgt Ion: 94 Resp: 1315
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0

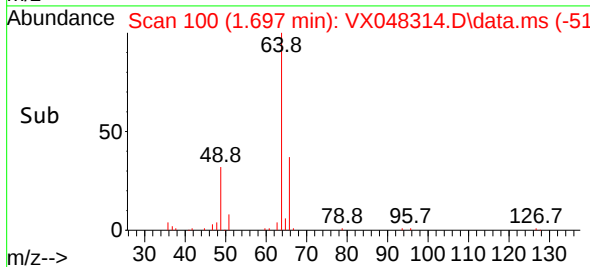
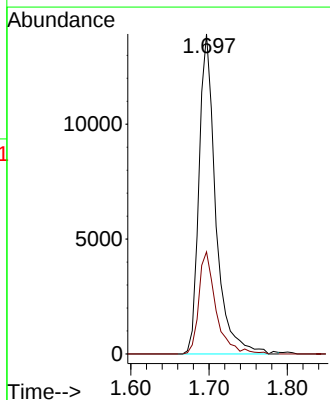
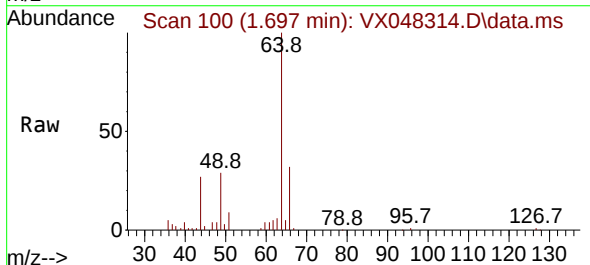
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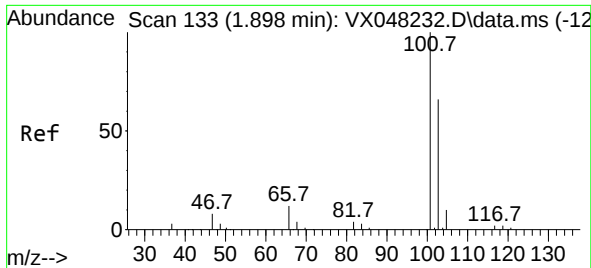
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 29.365 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 64 Resp: 20658
Ion Ratio Lower Upper
64 100
66 31.9 23.9 35.9





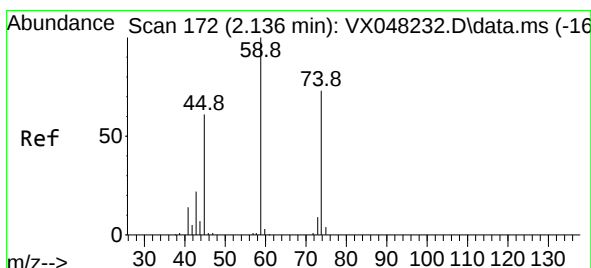
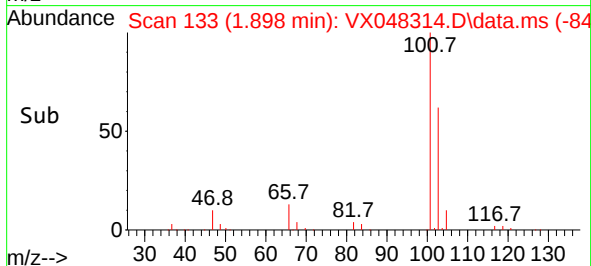
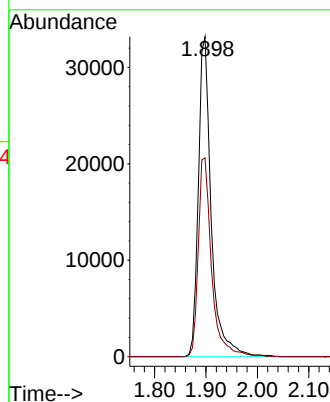
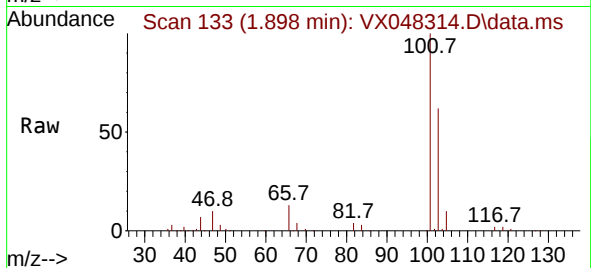
#7
Trichlorofluoromethane
Concen: 25.176 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
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Tgt Ion:101 Resp: 5780
Ion Ratio Lower Upper
101 100
103 62.2 51.6 77.4

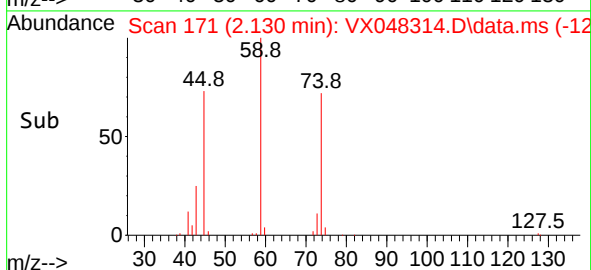
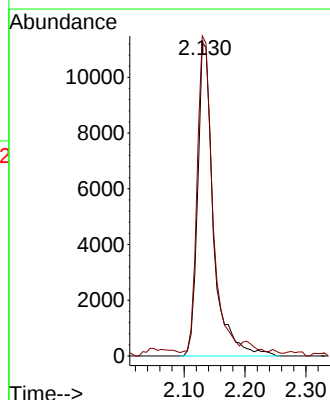
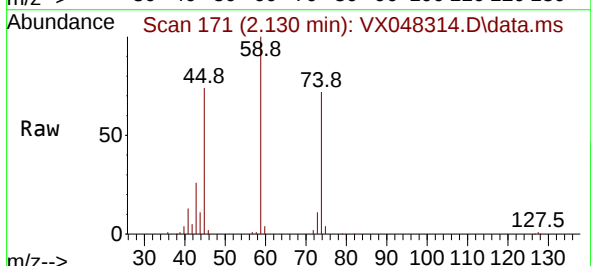
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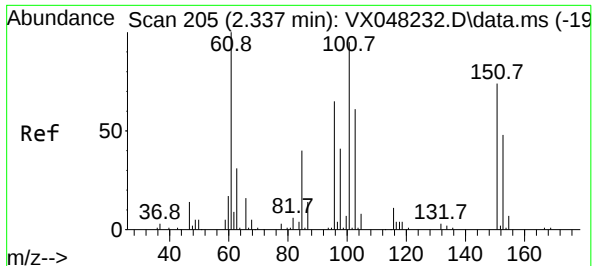
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 31.287 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 74 Resp: 20213
Ion Ratio Lower Upper
74 100
45 98.6 50.0 149.8





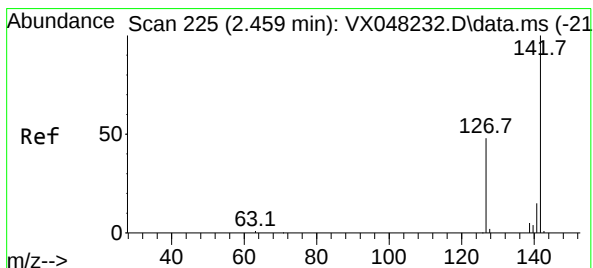
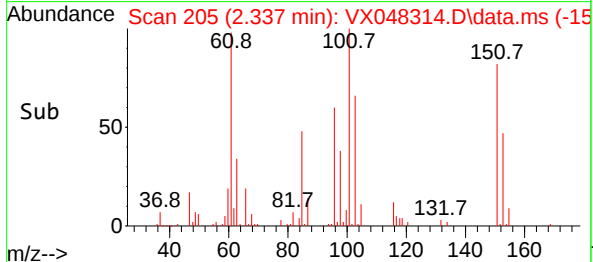
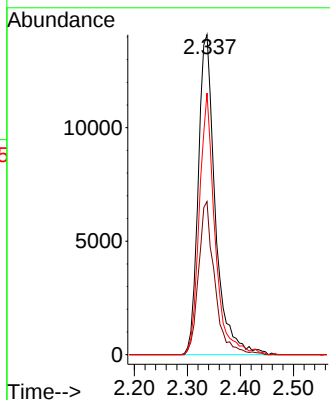
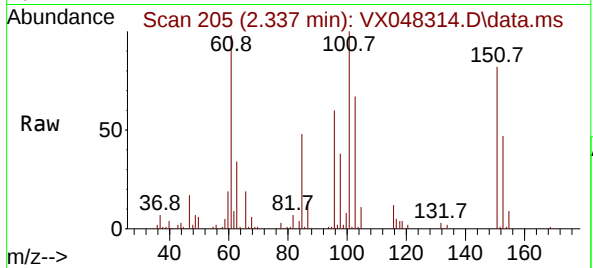
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.594 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion:101 Resp: 3139
Ion Ratio Lower Upper
101 100
85 45.9 35.6 53.4
151 75.4 58.0 87.0

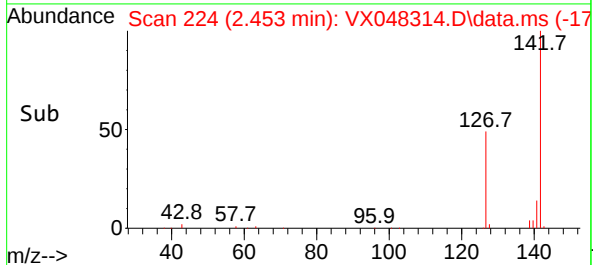
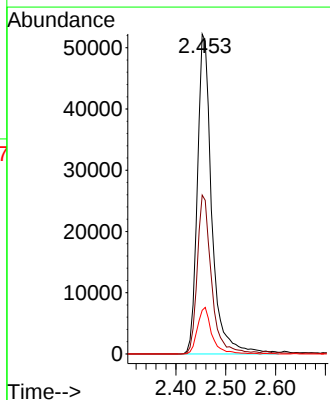
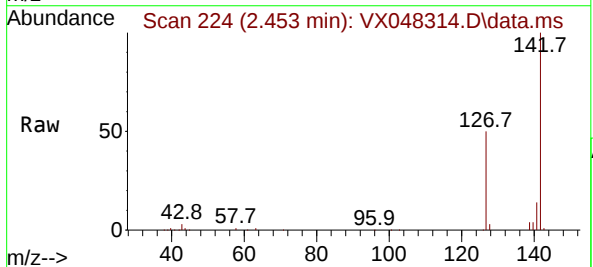
Manual Integrations
APPROVED

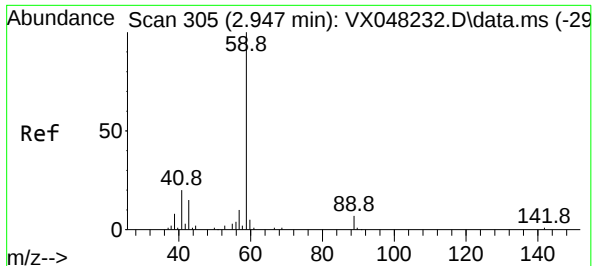
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 57.399 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

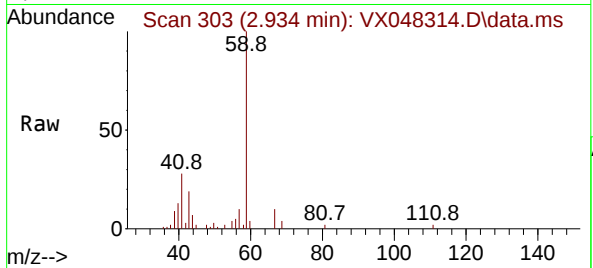
Tgt Ion:142 Resp: 104916
Ion Ratio Lower Upper
142 100
127 49.1 38.5 57.7
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.143 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

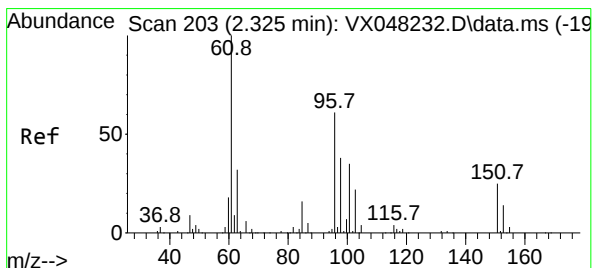
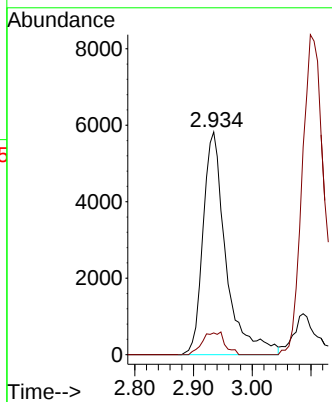
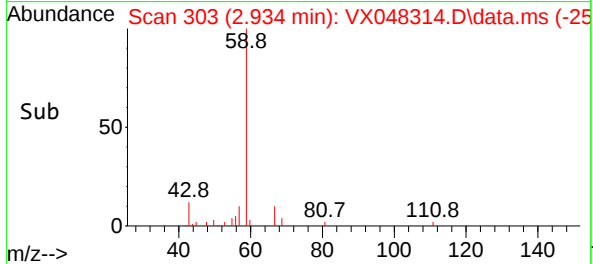
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 59 Resp: 15782
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

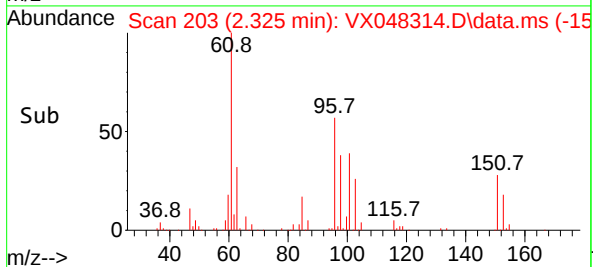
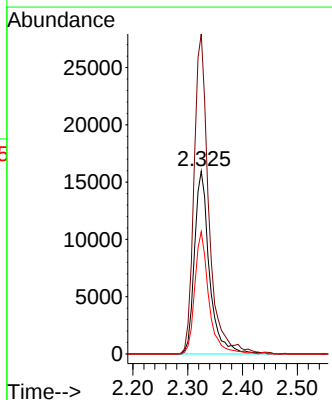
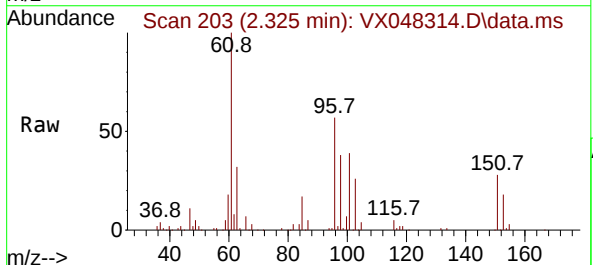
Manual Integrations
APPROVED

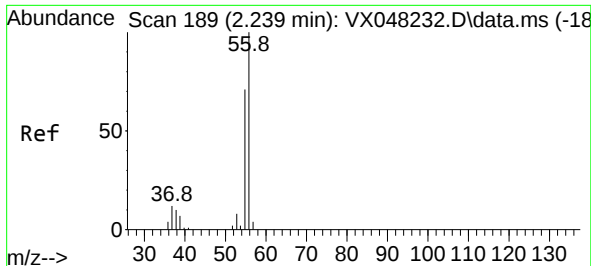
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 21.458 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

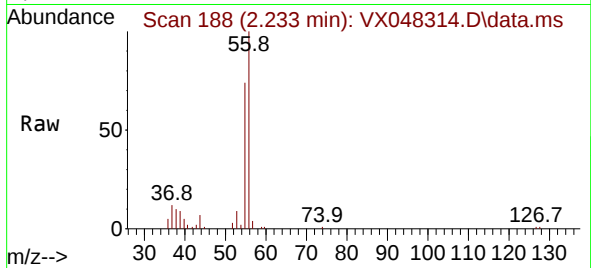
Tgt Ion: 96 Resp: 30353
Ion Ratio Lower Upper
96 100
61 175.1 139.0 208.6
98 68.5 52.4 78.6





#13
Acrolein
Concen: 124.150 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

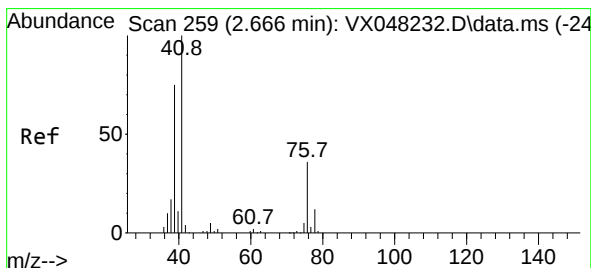
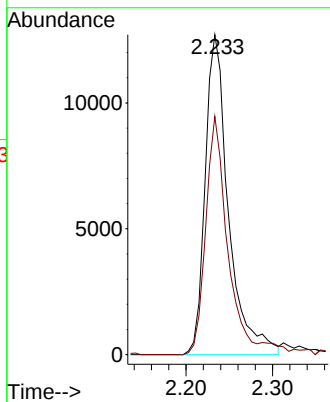
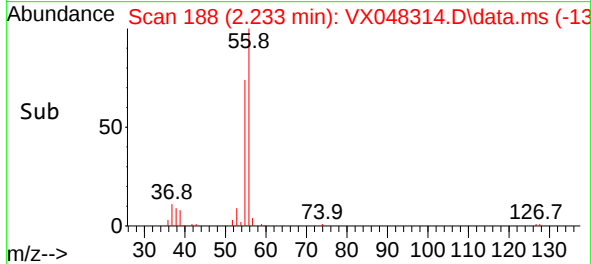
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 56 Resp: 23749
Ion Ratio Lower Upper
56 100
55 68.1 56.1 84.1

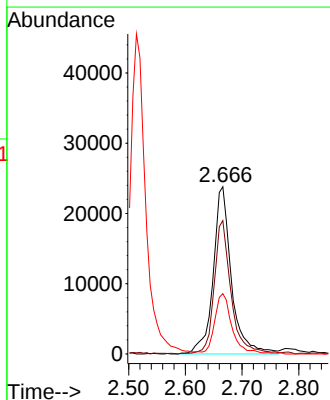
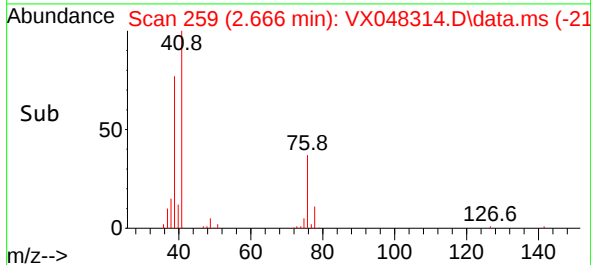
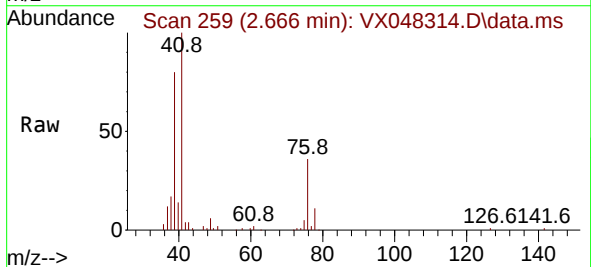
Manual Integrations
APPROVED

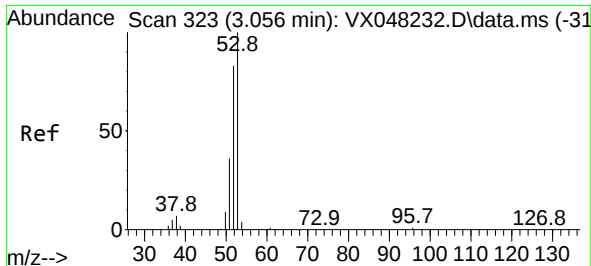
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 22.718 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

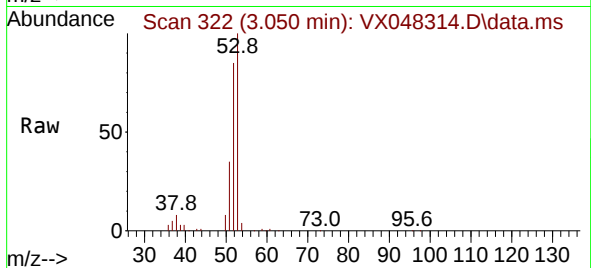
Tgt Ion: 41 Resp: 53353
Ion Ratio Lower Upper
41 100
39 73.5 56.0 84.0
76 34.1 27.5 41.3





#15
Acrylonitrile
Concen: 104.692 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

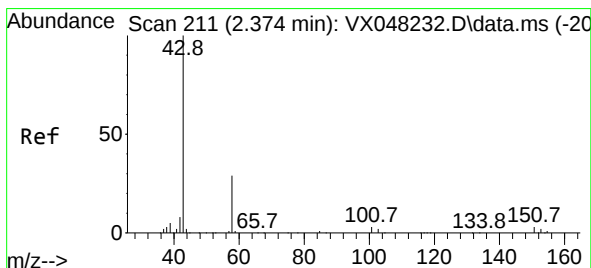
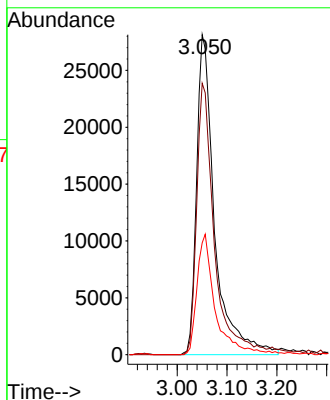
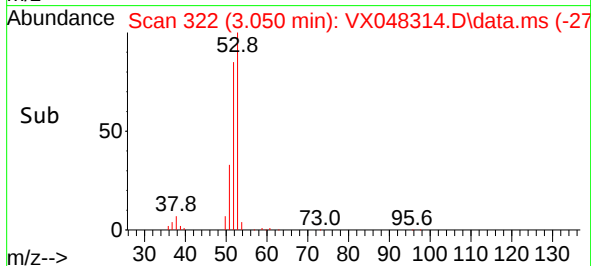
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 53 Resp: 70800
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 37.7 29.0 43.4

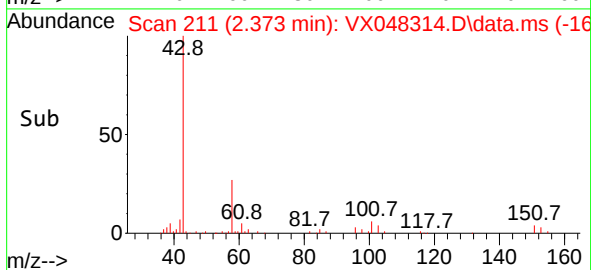
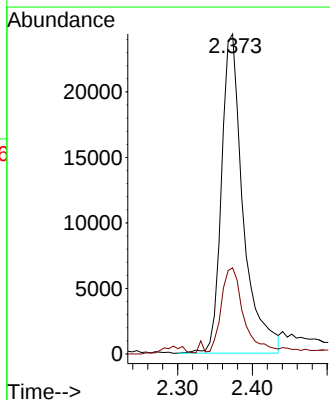
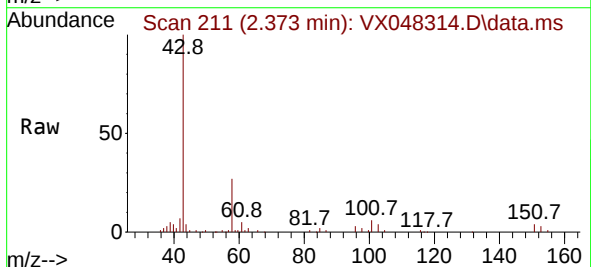
Manual Integrations
APPROVED

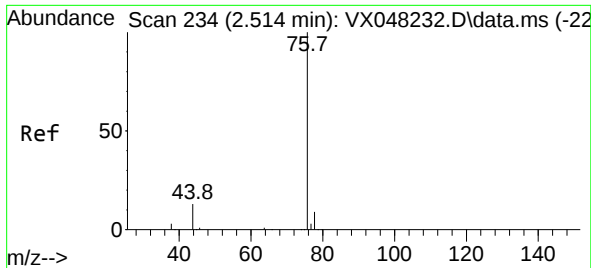
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 76.010 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

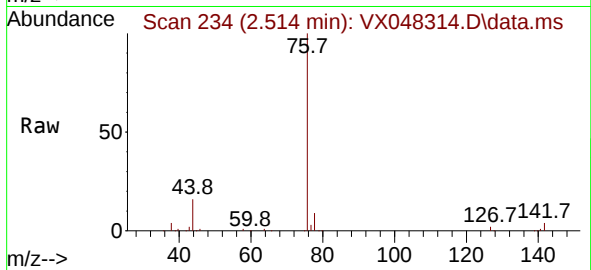
Tgt Ion: 43 Resp: 49259
Ion Ratio Lower Upper
43 100
58 24.5 23.4 35.2





#17
Carbon Disulfide
Concen: 19.233 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

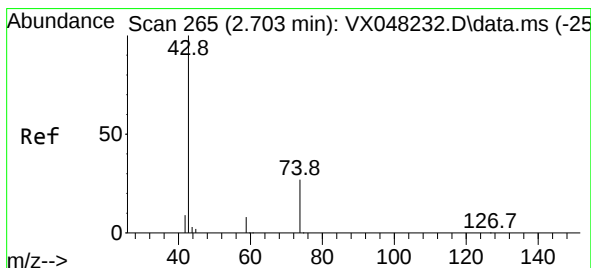
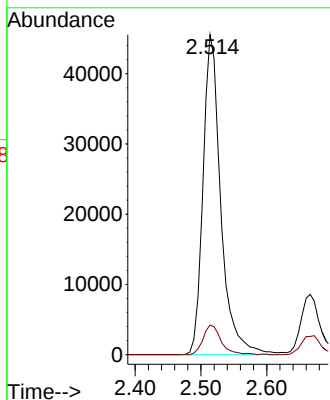
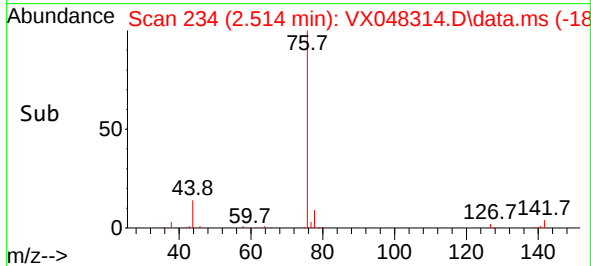
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 76 Resp: 8574
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

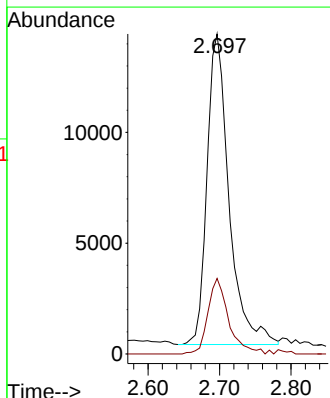
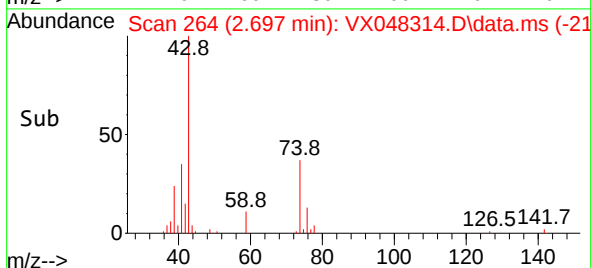
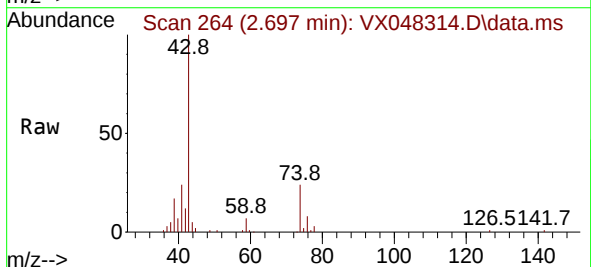
Manual Integrations
APPROVED

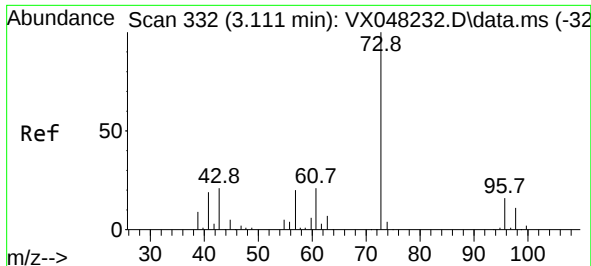
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 22.139 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 43 Resp: 29964
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3





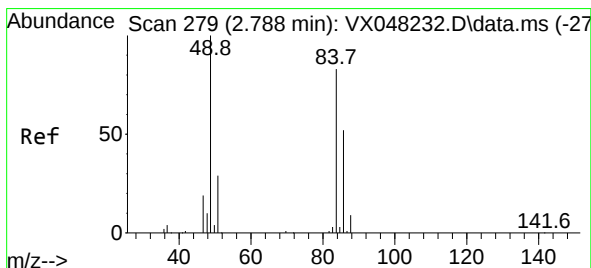
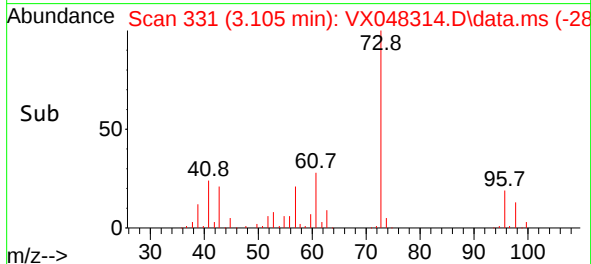
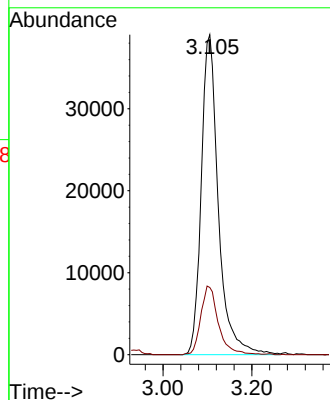
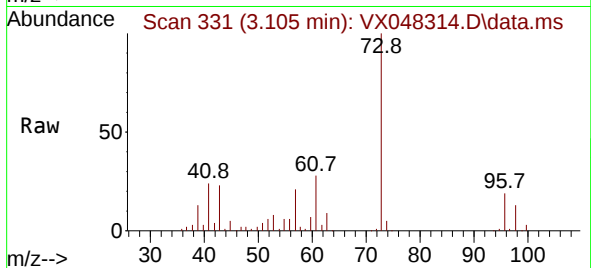
#19
Methyl tert-butyl Ether
Concen: 21.636 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 73 Resp: 104408
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

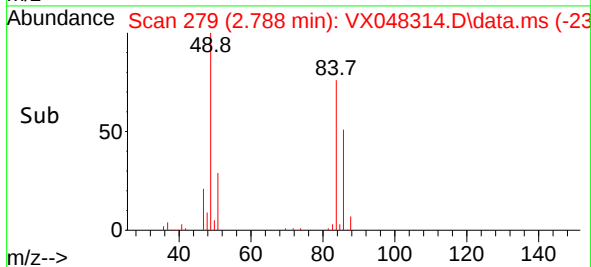
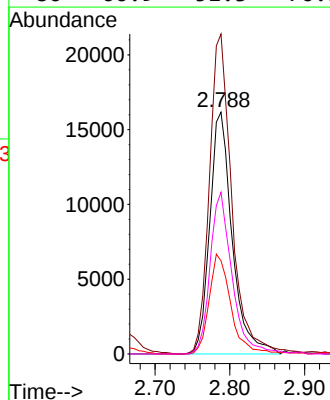
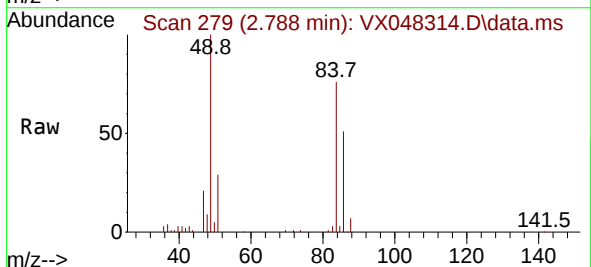
Manual Integrations
APPROVED

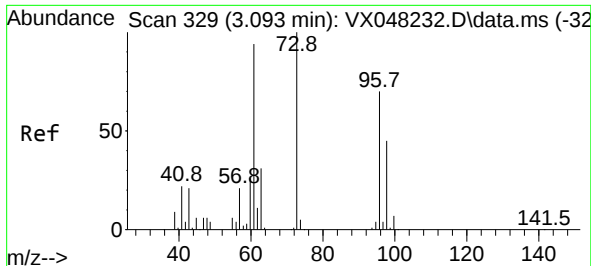
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 21.343 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

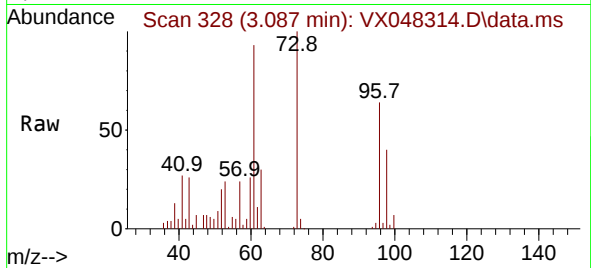
Tgt Ion: 84 Resp: 33702
Ion Ratio Lower Upper
84 100
49 132.3 104.1 156.1
51 38.5 31.3 46.9
86 66.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 21.180 ug/l
RT: 3.087 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

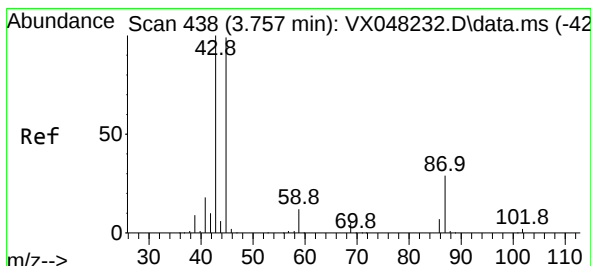
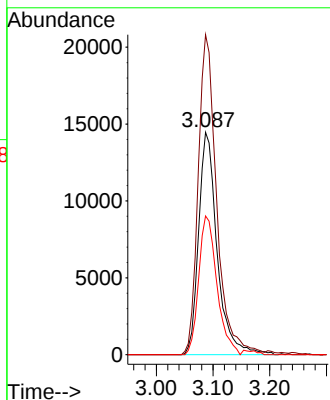
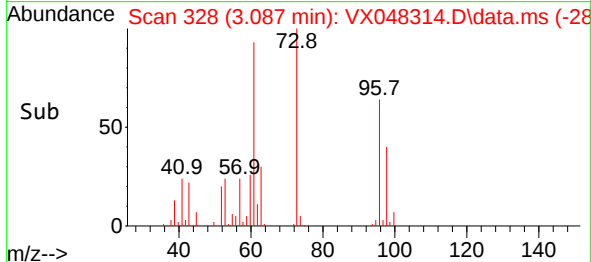
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 96 Resp: 32910
Ion Ratio Lower Upper
96 100
61 143.9 111.9 167.9
98 64.8 51.2 76.8

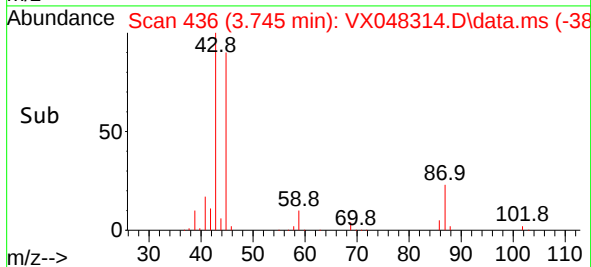
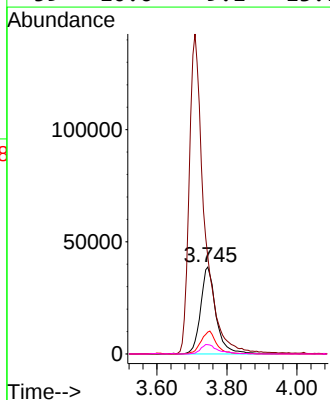
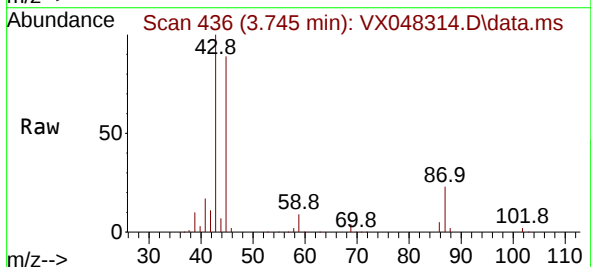
Manual Integrations
APPROVED

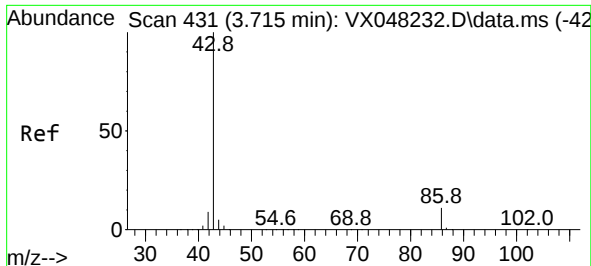
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 25.253 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 45 Resp: 118290
Ion Ratio Lower Upper
45 100
43 110.7 89.8 134.8
87 25.3 20.6 31.0
59 10.6 9.1 13.7





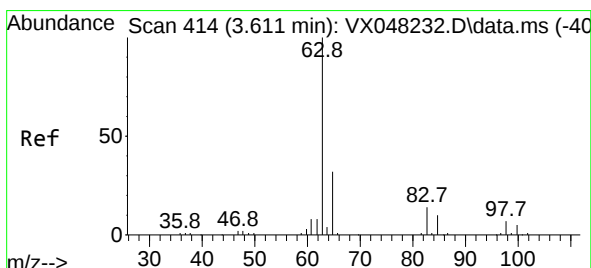
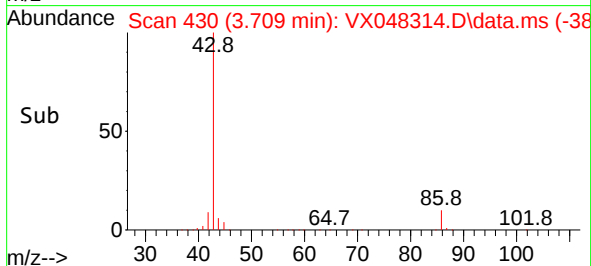
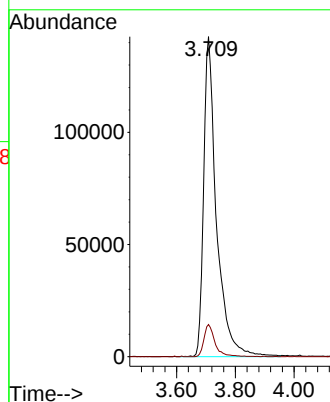
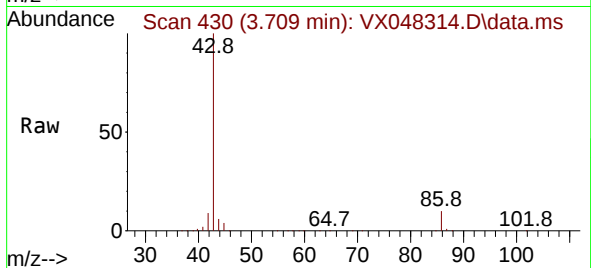
#23
 Vinyl Acetate
 Concen: 115.819 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048314.D
 Acq: 23 Oct 2025 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Tgt Ion: 43 Resp: 43336
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

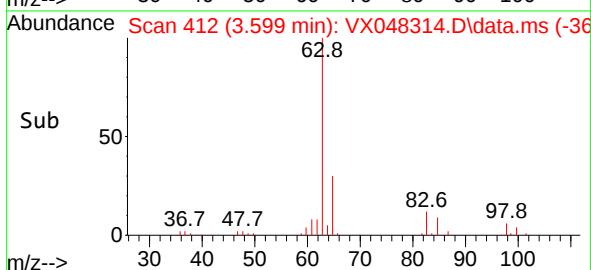
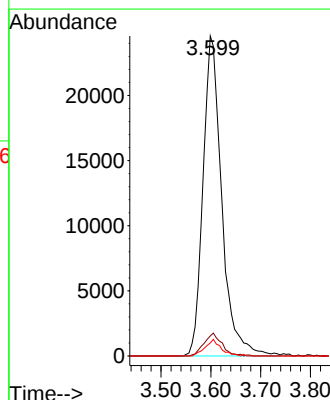
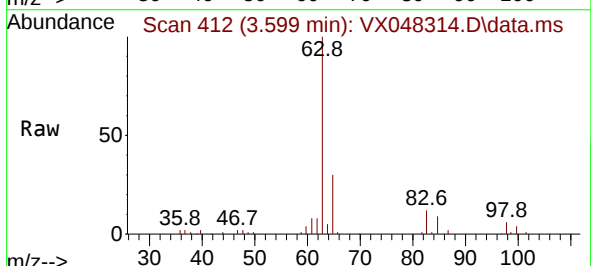
Manual Integrations
 APPROVED

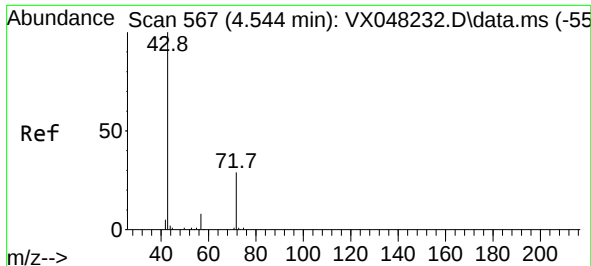
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 22.636 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048314.D
 Acq: 23 Oct 2025 11:05

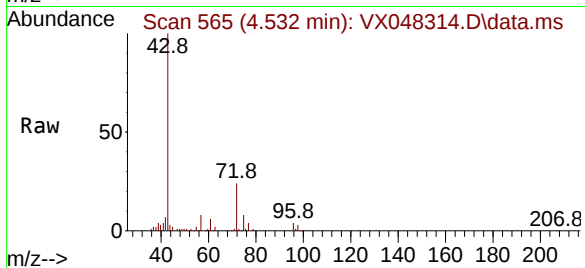
Tgt Ion: 63 Resp: 64112
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.0 2.1 6.3





#25
2-Butanone
Concen: 93.241 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

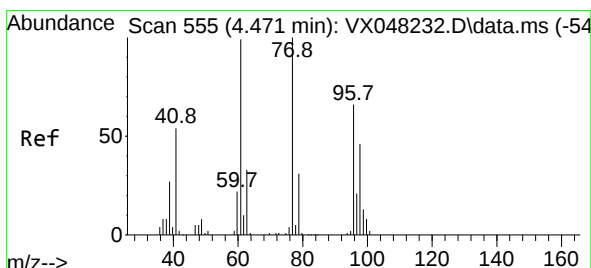
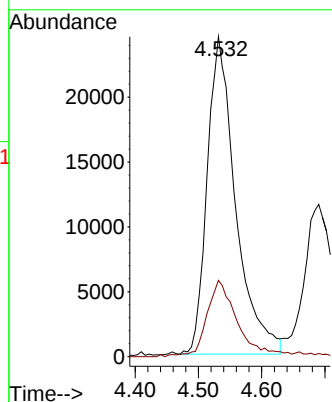
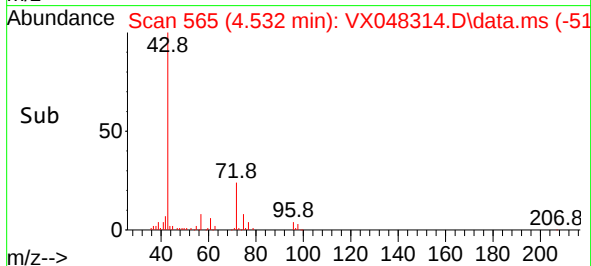
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 43 Resp: 76484
Ion Ratio Lower Upper
43 100
72 22.5 19.9 29.9

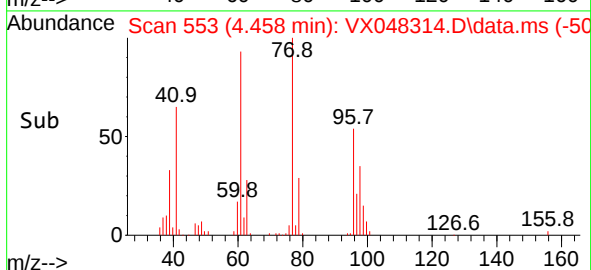
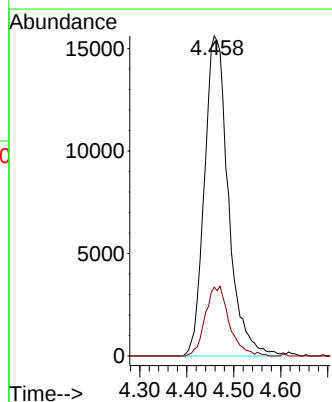
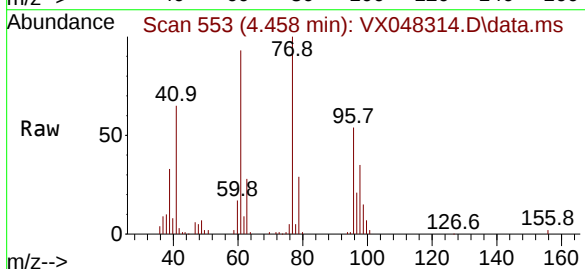
Manual Integrations
APPROVED

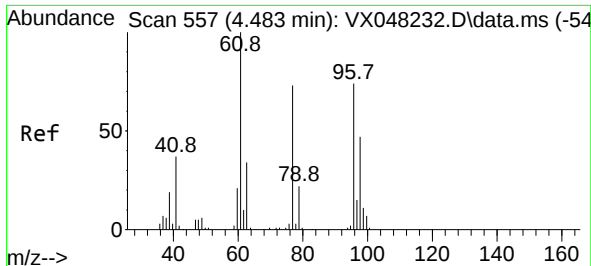
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 21.535 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 77 Resp: 55055
Ion Ratio Lower Upper
77 100
97 21.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 21.579 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tgt Ion: 96 Resp: 3913

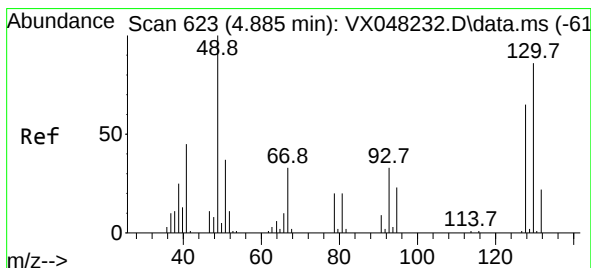
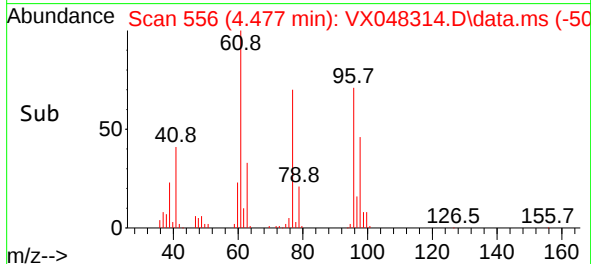
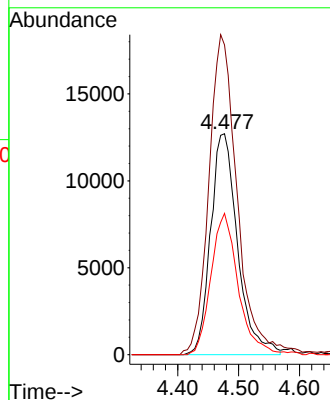
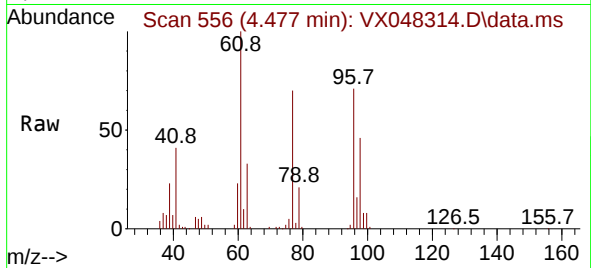
Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	294.2
98	64.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 25.765 ug/l

RT: 4.879 min Scan# 622

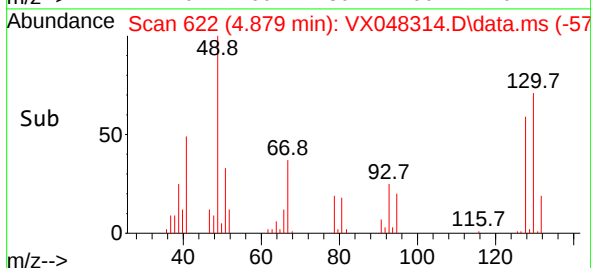
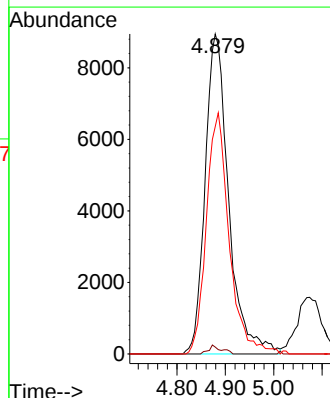
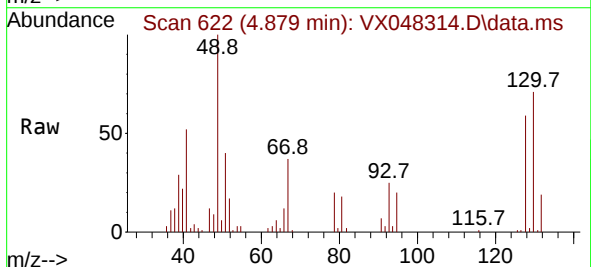
Delta R.T. -0.006 min

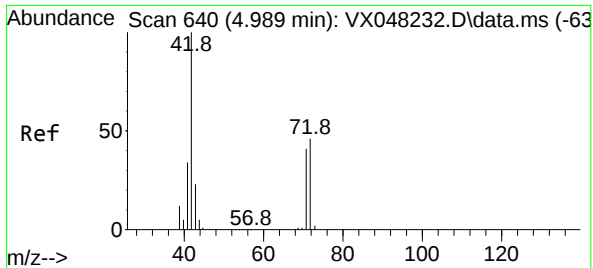
Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Tgt Ion: 49 Resp: 30258

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	73.1	59.3	88.9





#29

Tetrahydrofuran

Concen: 103.135 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

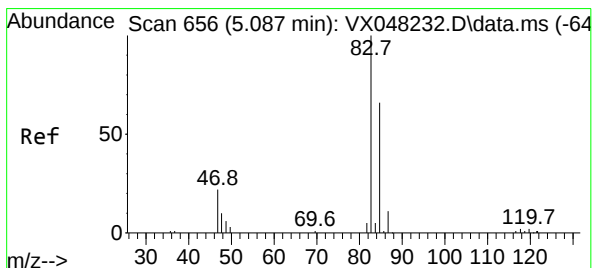
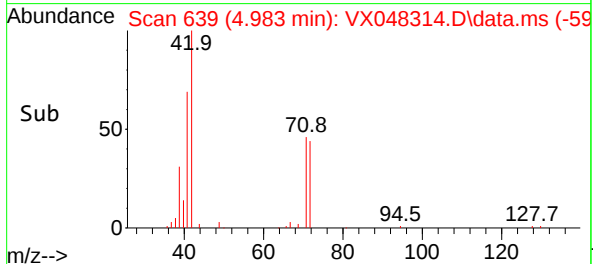
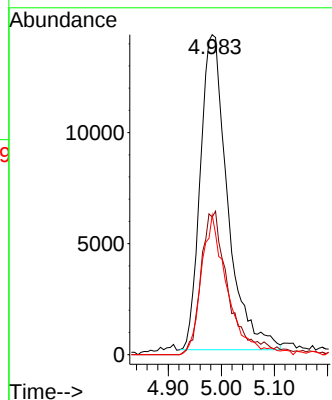
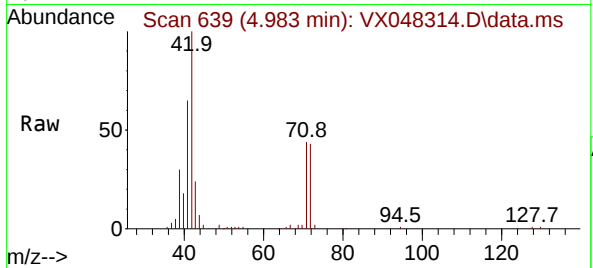
Tgt Ion:	42	Resp:	5066
Ion Ratio	Lower	Upper	
42	100		
72	46.5	35.3	52.9
71	41.5	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 22.117 ug/l

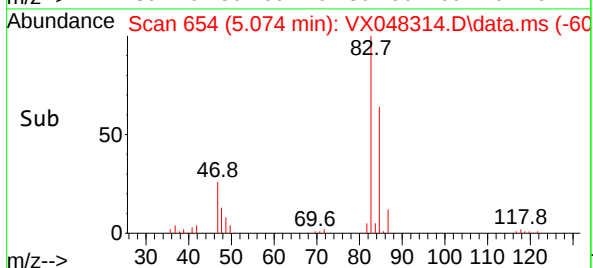
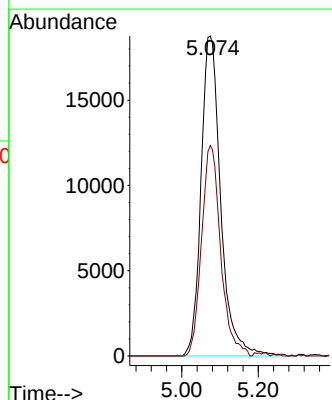
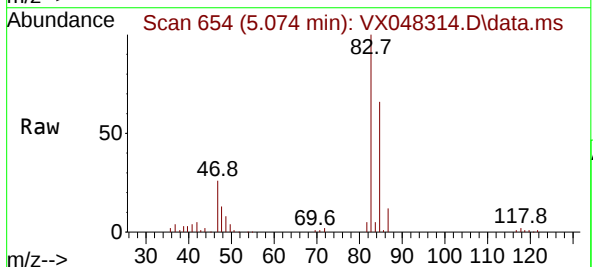
RT: 5.074 min Scan# 654

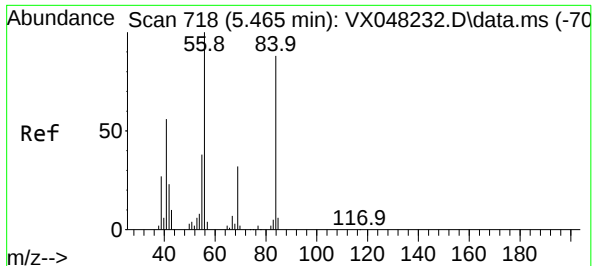
Delta R.T. -0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

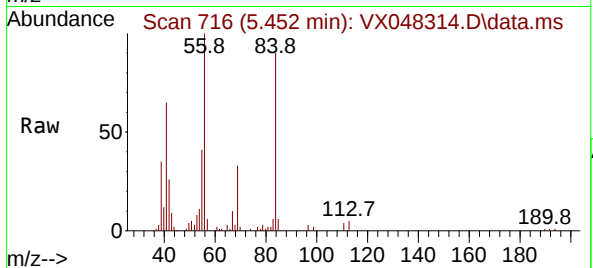
Tgt Ion:	83	Resp:	66927
Ion Ratio	Lower	Upper	
83	100		
85	67.0	50.1	75.1





#31
Cyclohexane
Concen: 22.948 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

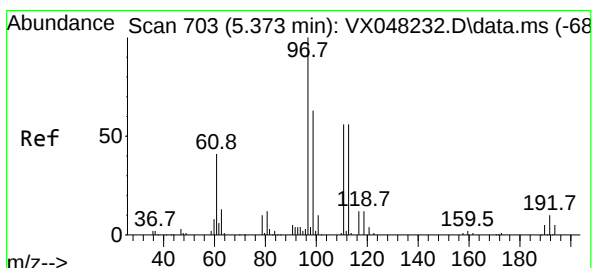
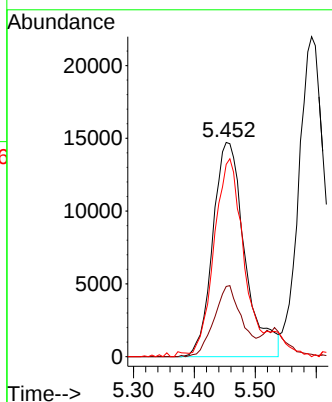
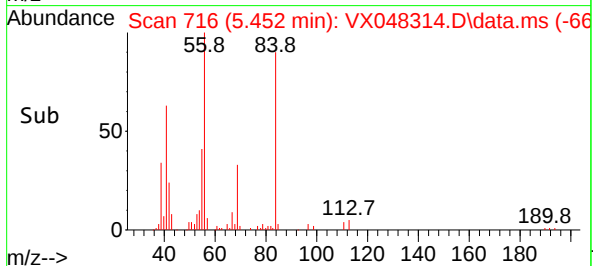
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 56 Resp: 53812
Ion Ratio Lower Upper
56 100
69 32.8 23.0 34.6
84 87.5 64.6 97.0

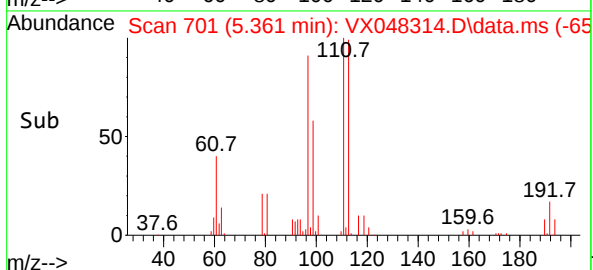
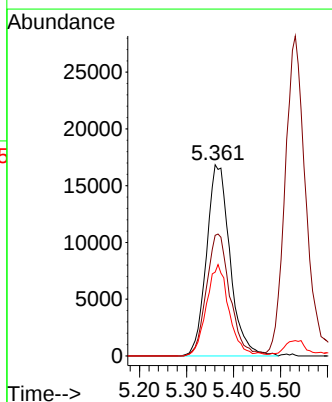
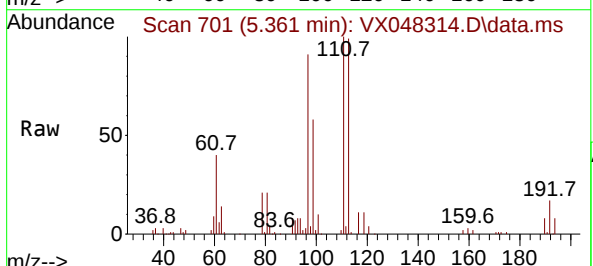
Manual Integrations
APPROVED

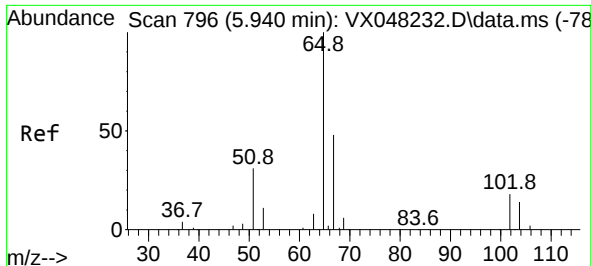
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 20.976 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 97 Resp: 58498
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 45.6 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 50.281 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tgt Ion: 65 Resp: 94984

Ion Ratio Lower Upper

65 100

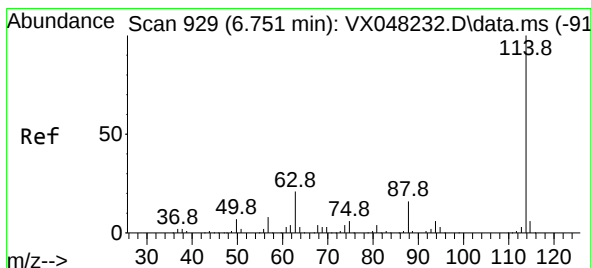
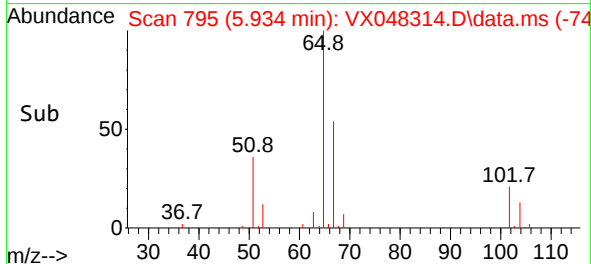
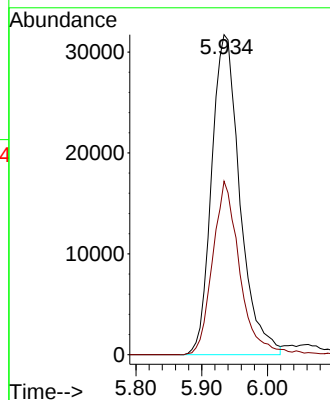
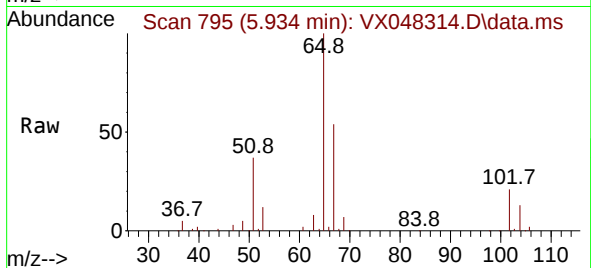
67 51.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

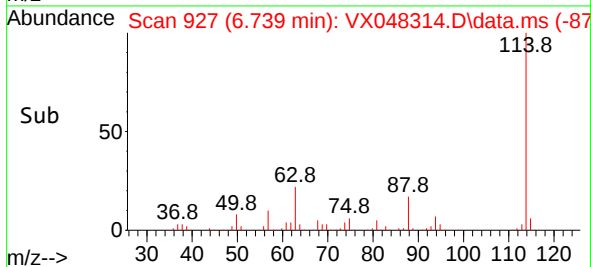
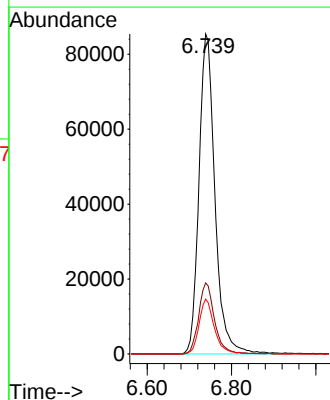
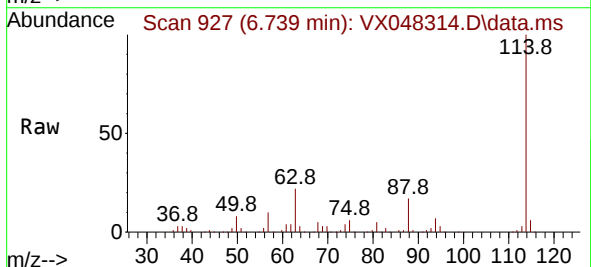
Tgt Ion:114 Resp: 225186

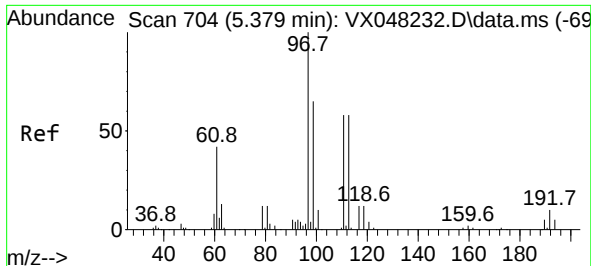
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

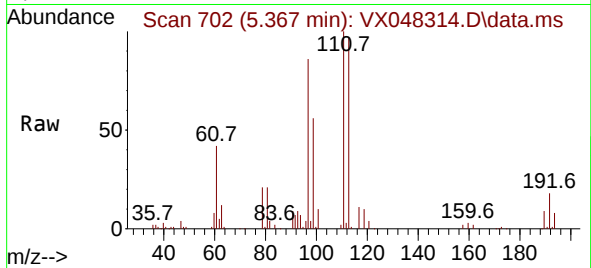
88 17.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 39.590 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

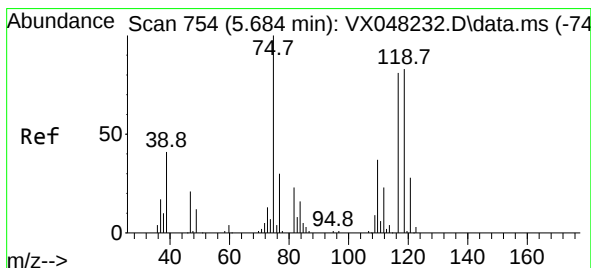
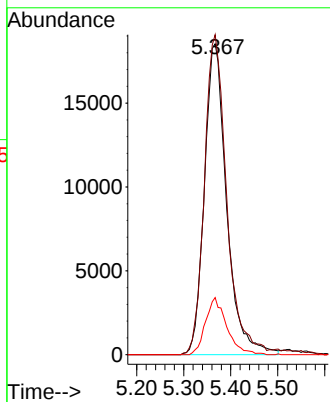
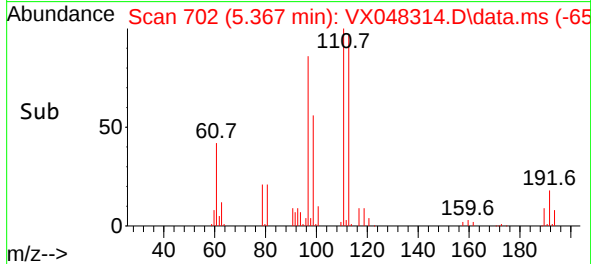
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 113 Resp: 6086
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.6 15.1 22.7

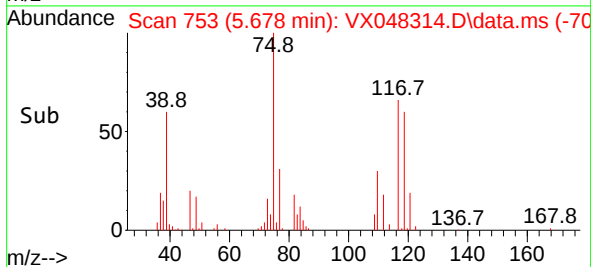
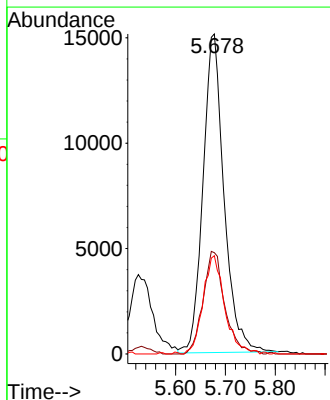
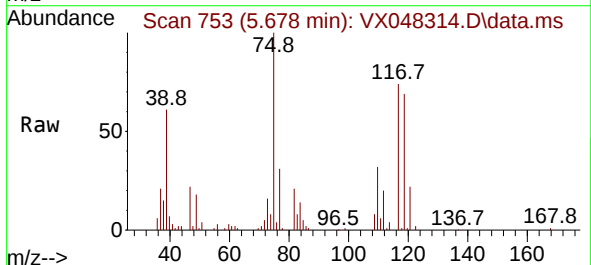
Manual Integrations
APPROVED

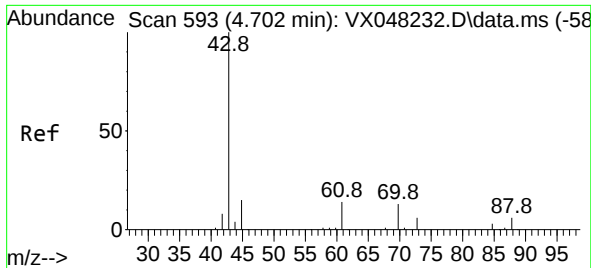
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 20.232 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 75 Resp: 44207
Ion Ratio Lower Upper
75 100
110 33.3 17.7 53.1
77 31.7 24.3 36.5





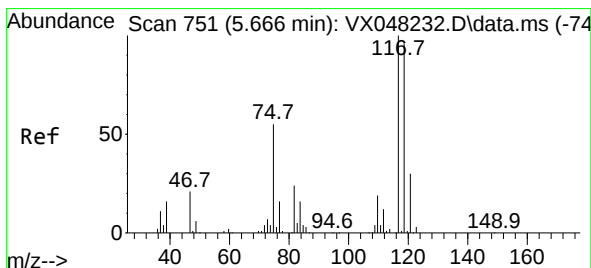
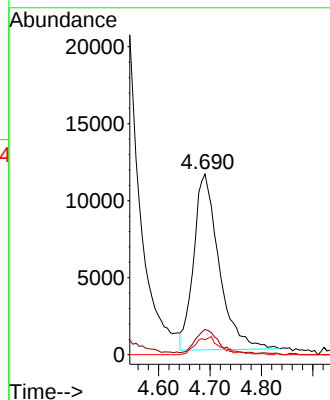
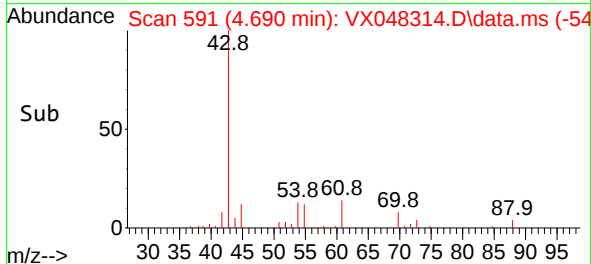
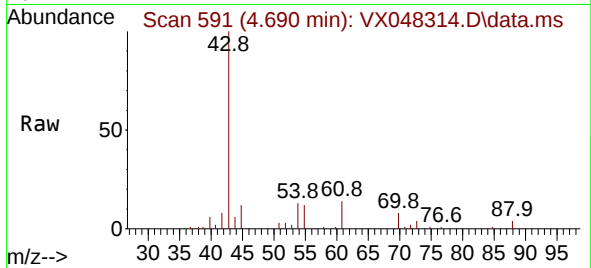
#37
Ethyl Acetate
Concen: 21.582 ug/l
RT: 4.690 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 43 Resp: 3908
Ion Ratio Lower Upper
43 100
61 12.5 10.6 15.8
70 9.4 7.8 11.6

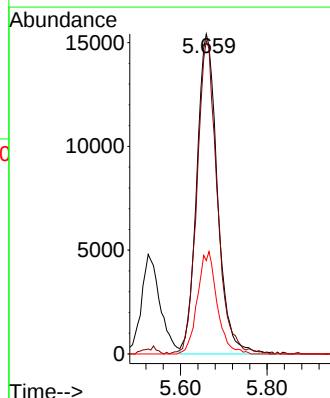
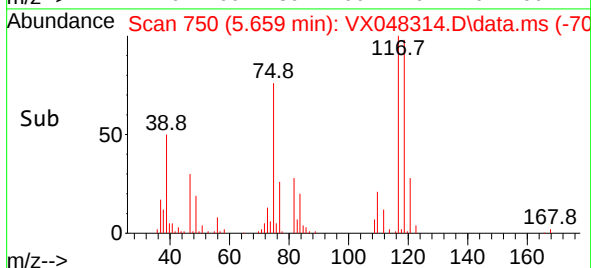
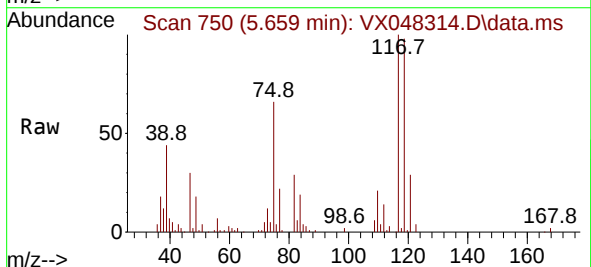
Manual Integrations
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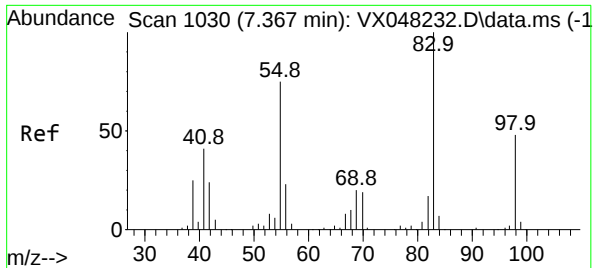
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 18.966 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion:117 Resp: 51129
Ion Ratio Lower Upper
117 100
119 97.9 77.2 115.8
121 29.2 24.8 37.2





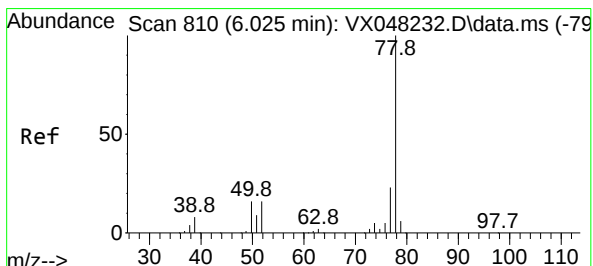
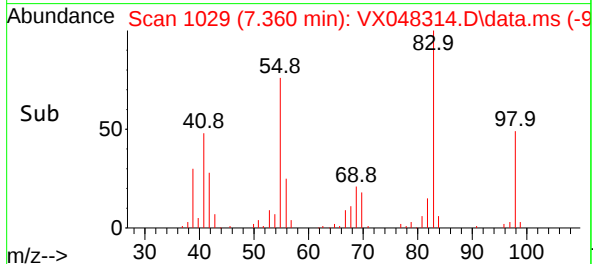
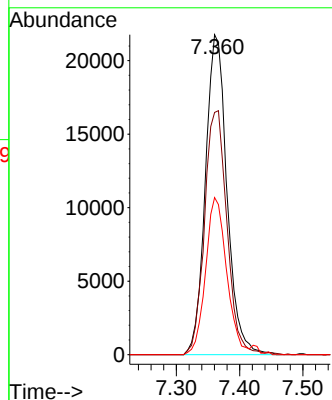
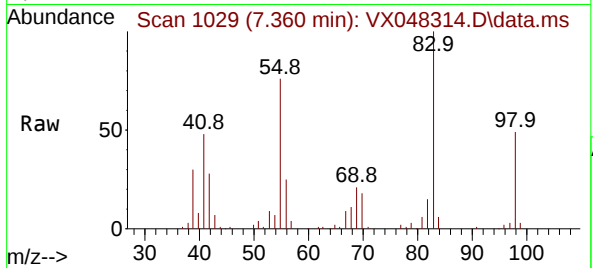
#39
Methylcyclohexane
Concen: 20.056 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 83 Resp: 5175
Ion Ratio Lower Upper
83 100
55 75.7 66.2 99.2
98 49.1 38.9 58.3

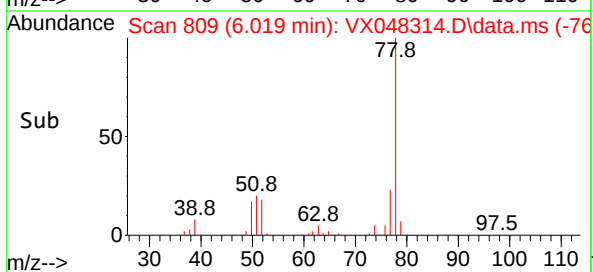
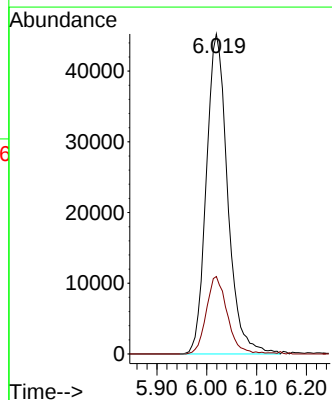
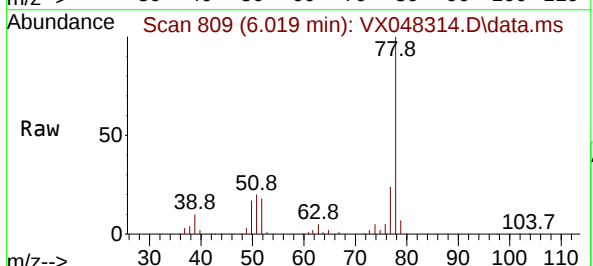
Manual Integrations
APPROVED

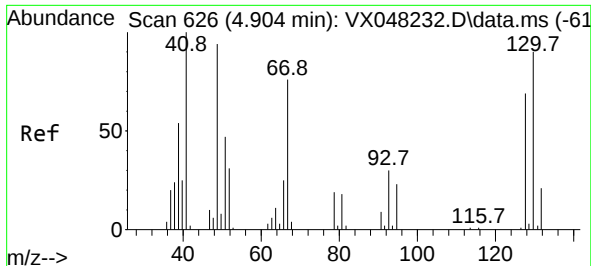
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 21.158 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

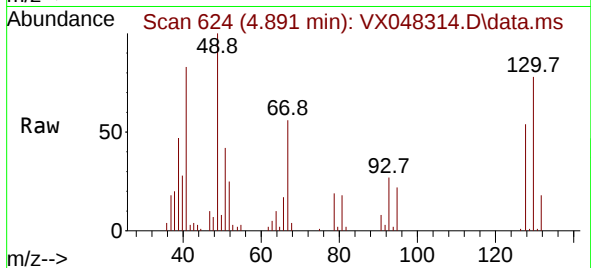
Tgt Ion: 78 Resp: 134226
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 22.243 ug/l
RT: 4.891 min Scan# 611
Delta R.T. -0.012 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

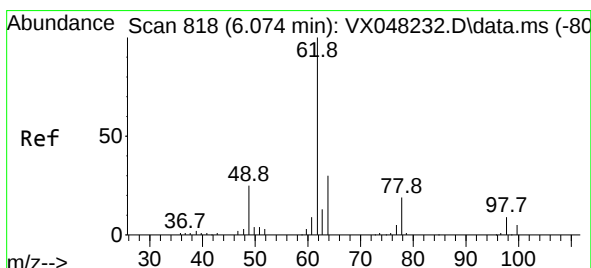
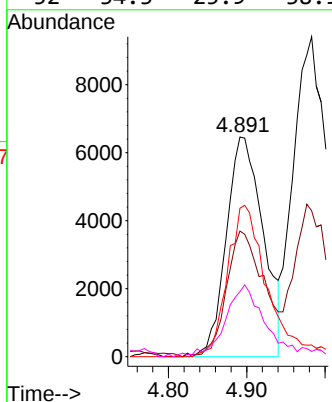
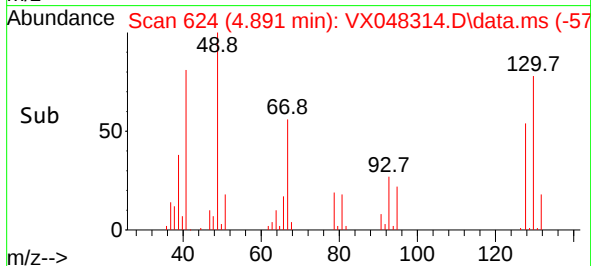
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 41 Resp: 21156
Ion Ratio Lower Upper
41 100
39 57.6 44.0 66.0
67 74.6 58.7 88.1
52 34.3 25.9 38.9

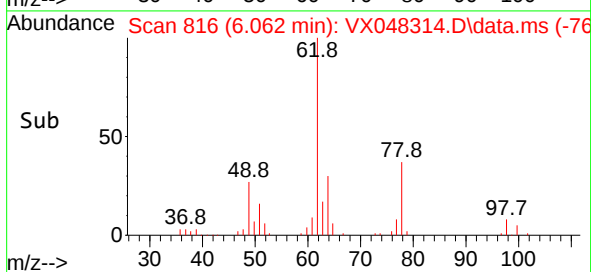
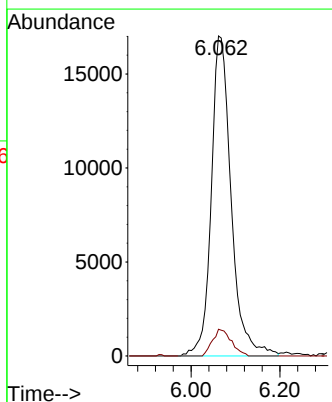
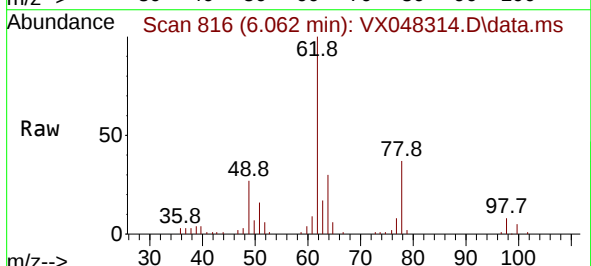
Manual Integrations
APPROVED

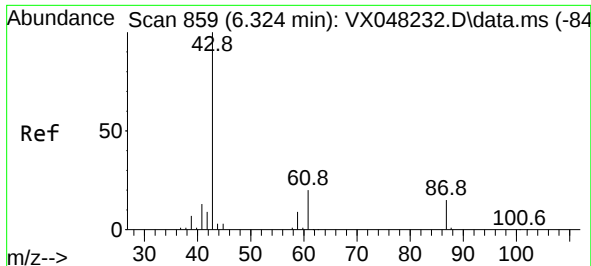
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 22.536 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 62 Resp: 52755
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.2





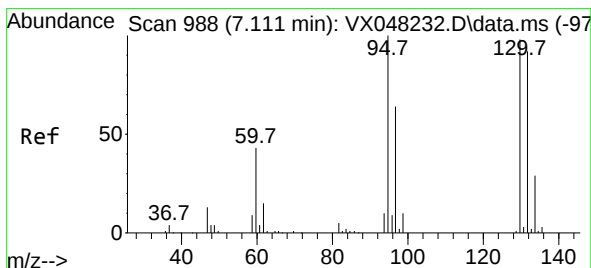
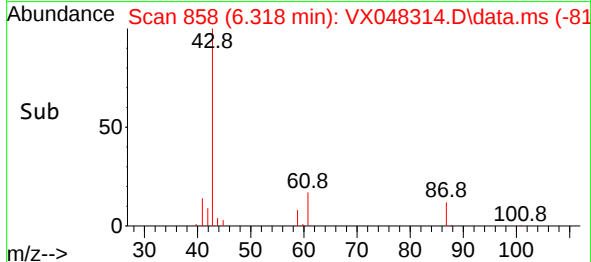
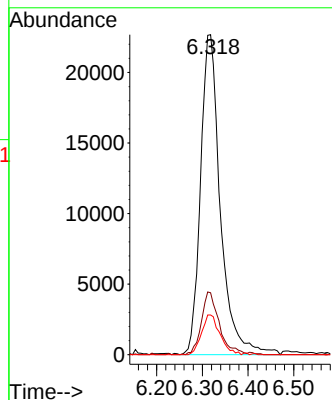
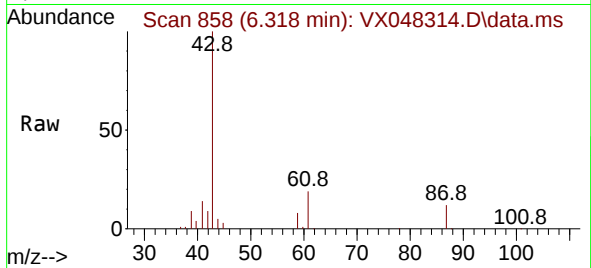
#43
Isopropyl Acetate
Concen: 22.944 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 43 Resp: 6825
Ion Ratio Lower Upper
43 100
61 17.7 14.9 22.3
87 11.5 9.4 14.2

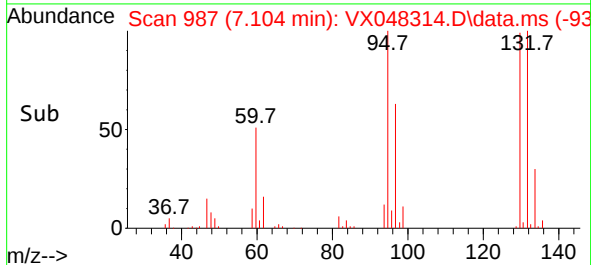
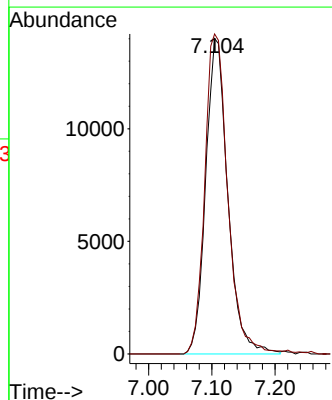
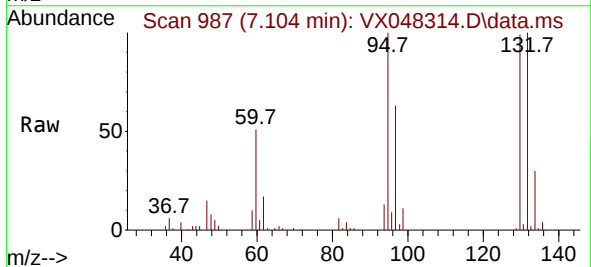
Manual Integrations
APPROVED

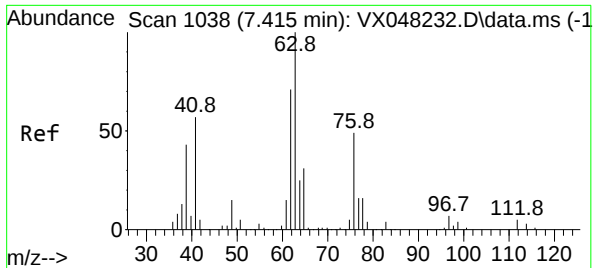
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 20.333 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

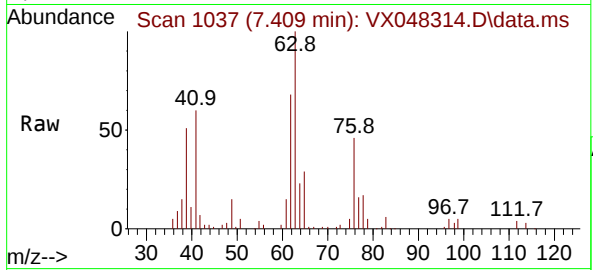
Tgt Ion:130 Resp: 34060
Ion Ratio Lower Upper
130 100
95 101.5 0.0 200.6





#45
1,2-Dichloropropane
Concen: 22.849 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

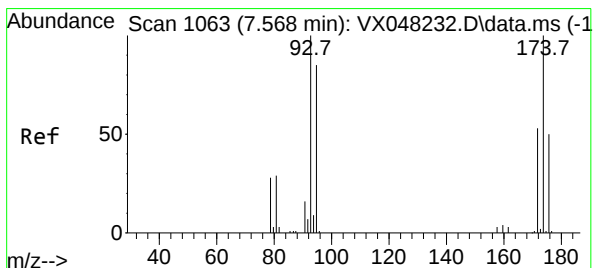
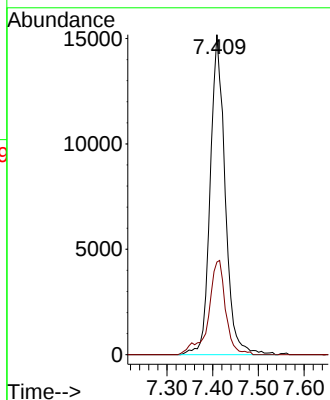
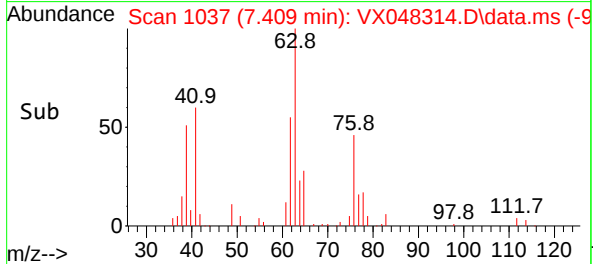
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 63 Resp: 3446
Ion Ratio Lower Upper
63 100
65 29.0 24.1 36.1

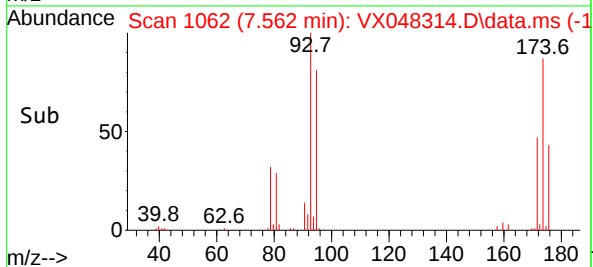
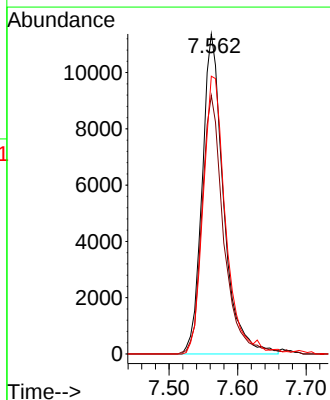
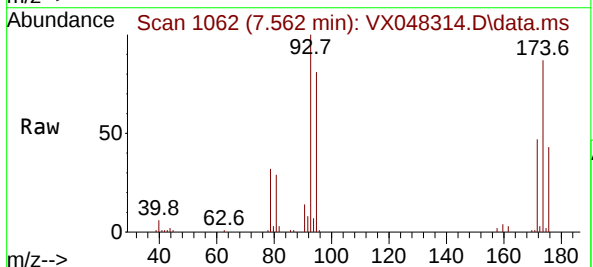
Manual Integrations
APPROVED

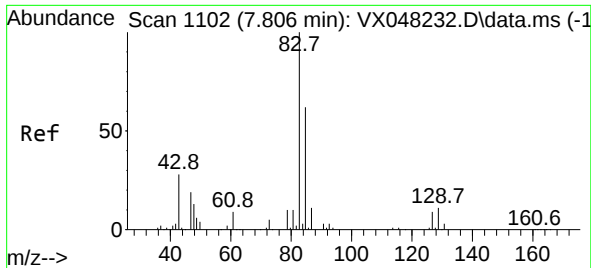
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#46
Dibromomethane
Concen: 21.036 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 93 Resp: 24719
Ion Ratio Lower Upper
93 100
95 81.8 65.9 98.9
174 90.8 71.7 107.5





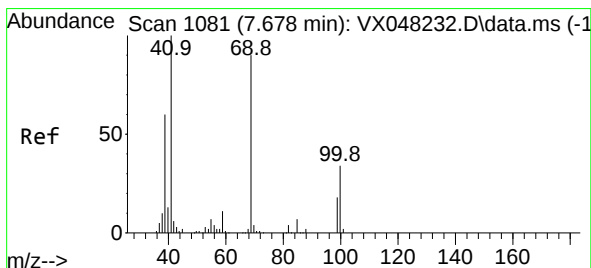
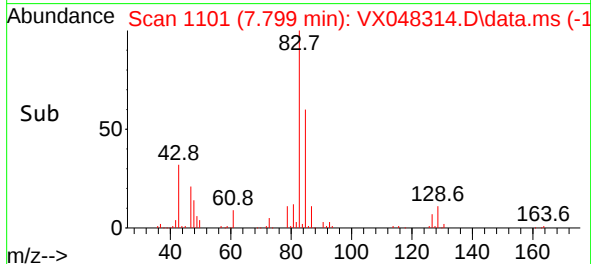
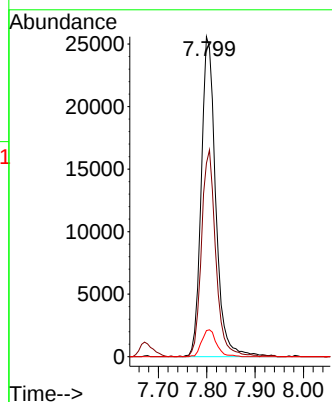
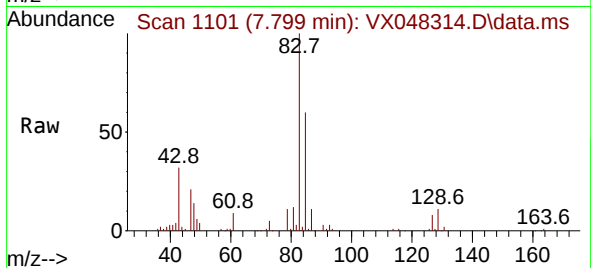
#47
Bromodichloromethane
Concen: 20.978 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 83 Resp: 53220
Ion Ratio Lower Upper
83 100
85 60.4 52.2 78.4
127 8.1 7.3 10.9

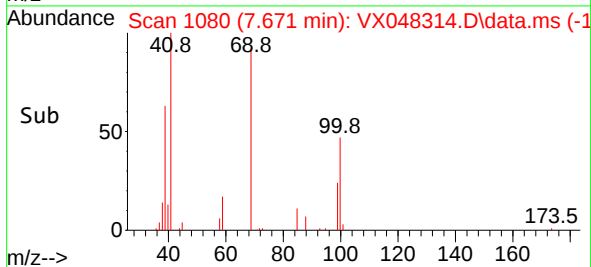
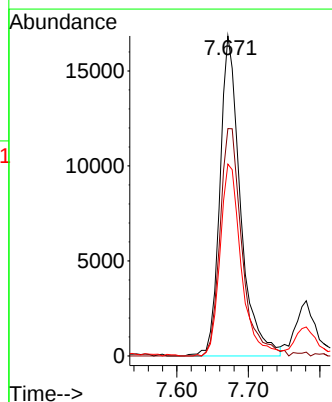
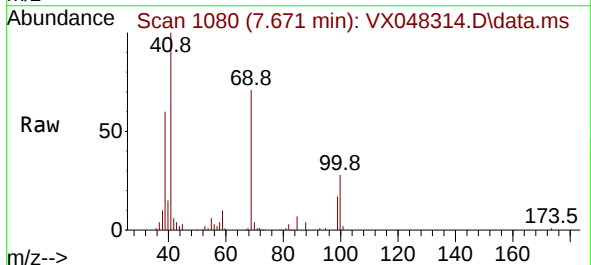
Manual Integrations
APPROVED

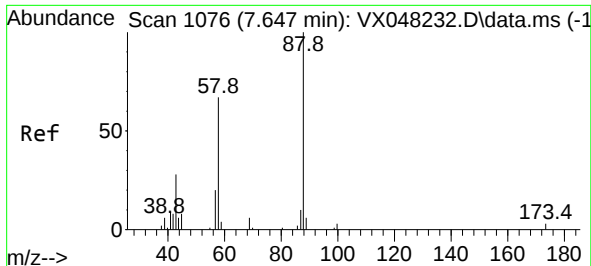
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 22.376 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

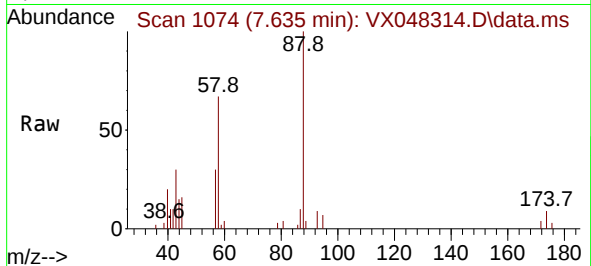
Tgt Ion: 41 Resp: 33591
Ion Ratio Lower Upper
41 100
69 75.9 63.4 95.0
39 61.9 47.1 70.7





#49
1,4-Dioxane
Concen: 357.589 ug/l
RT: 7.635 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

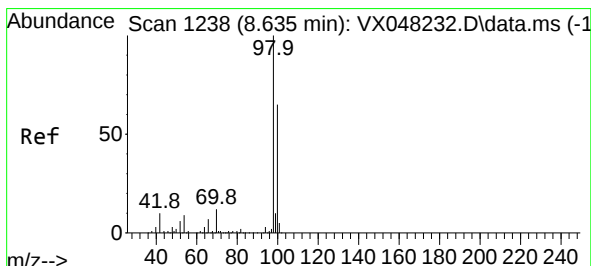
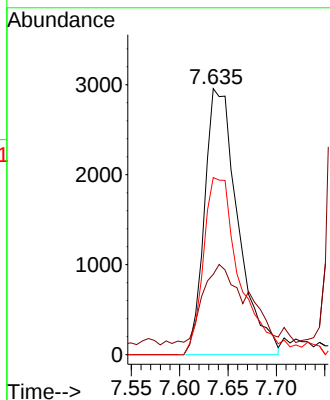
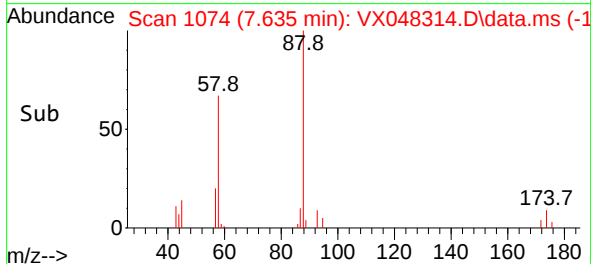
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 88 Resp: 7092
Ion Ratio Lower Upper
88 100
43 38.9 35.0 52.4
58 73.0 61.9 92.9

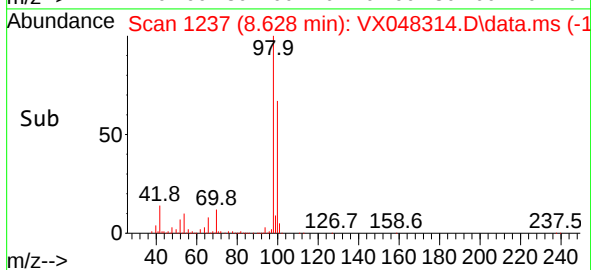
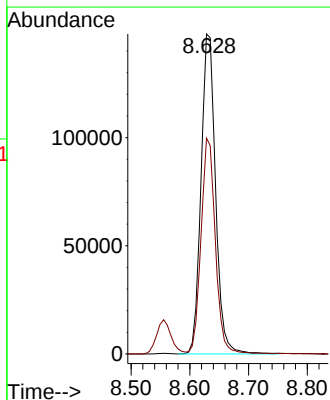
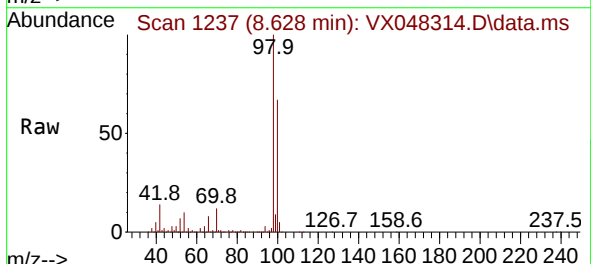
Manual Integrations
APPROVED

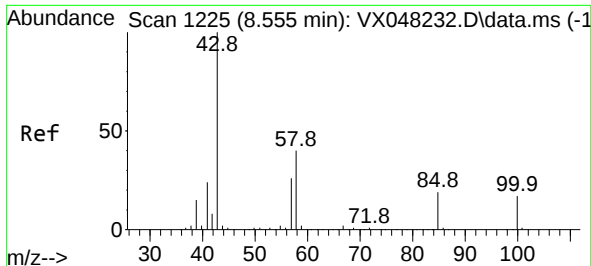
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 47.181 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

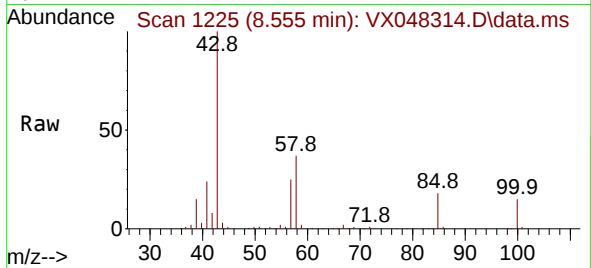
Tgt Ion: 98 Resp: 254236
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 110.181 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

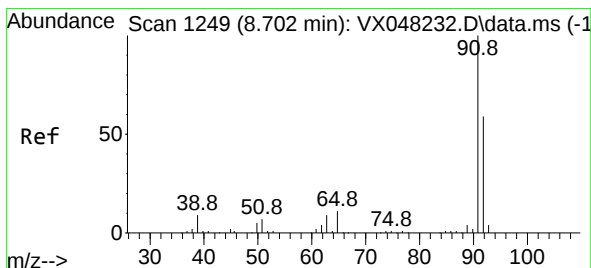
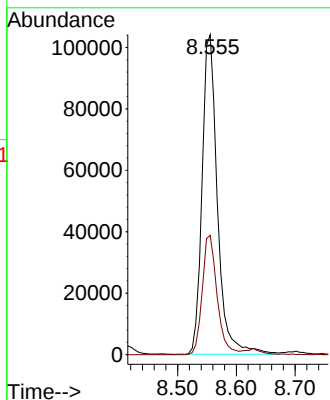
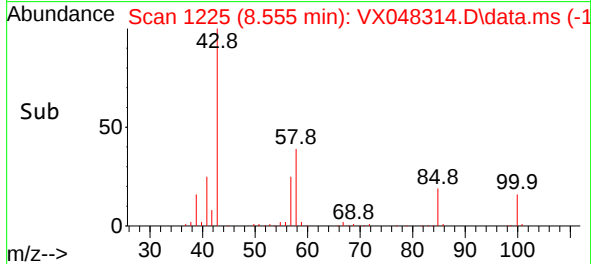
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 43 Resp: 18899
Ion Ratio Lower Upper
43 100
58 36.1 29.5 44.3

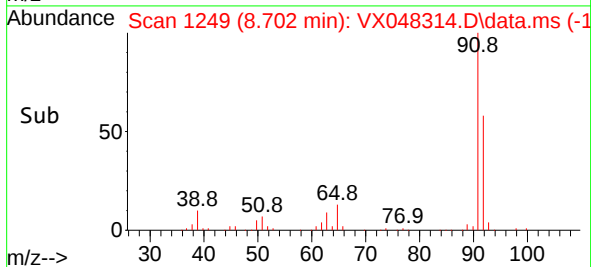
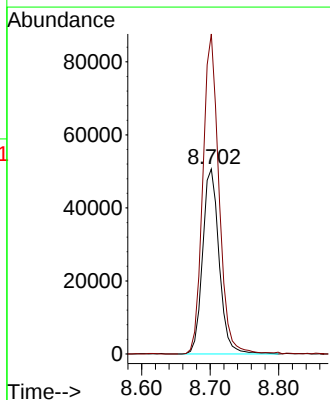
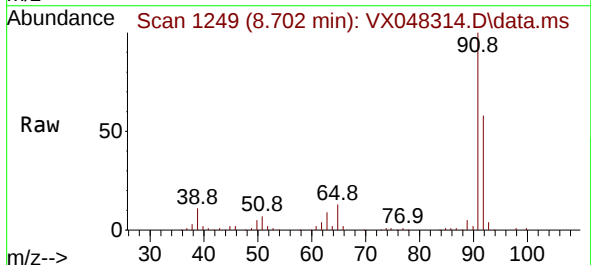
Manual Integrations
APPROVED

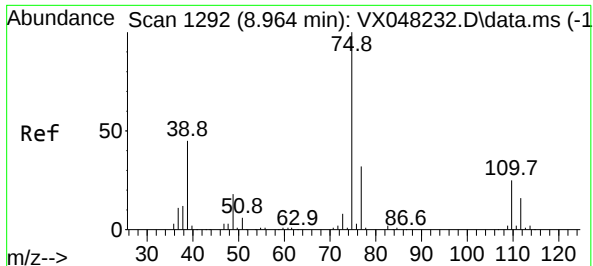
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 21.081 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 92 Resp: 84962
Ion Ratio Lower Upper
92 100
91 169.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 20.851 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tgt Ion: 75 Resp: 5098

Ion Ratio Lower Upper

75 100

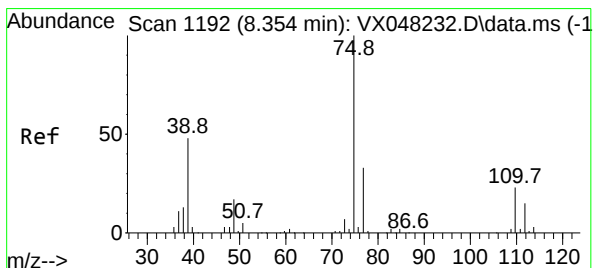
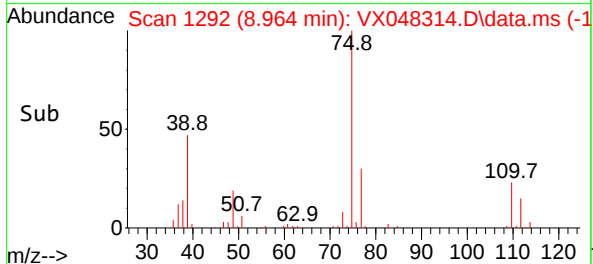
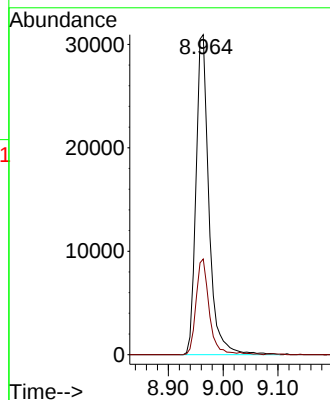
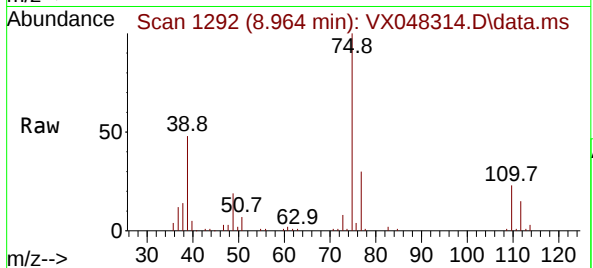
77 29.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 20.357 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

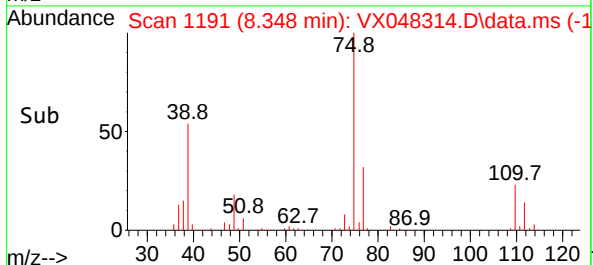
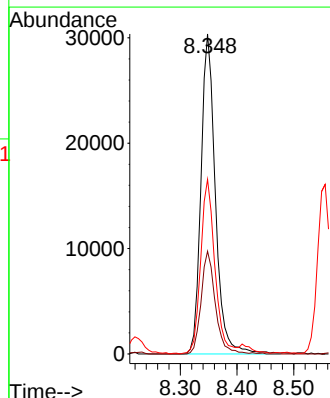
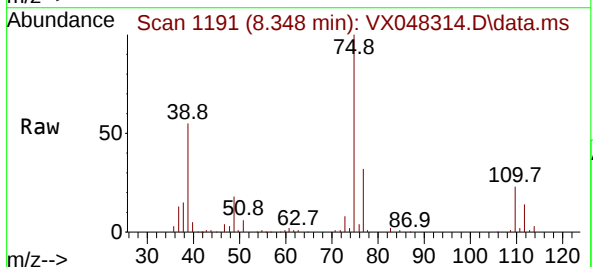
Tgt Ion: 75 Resp: 53701

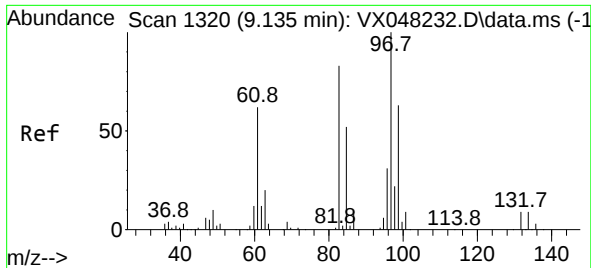
Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

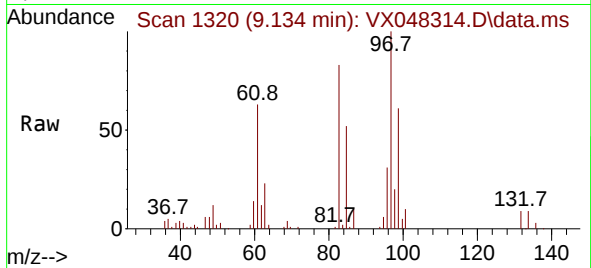
39 54.6 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.989 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

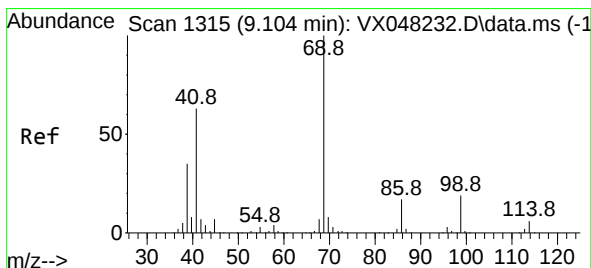
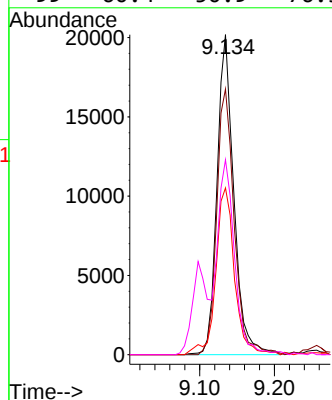
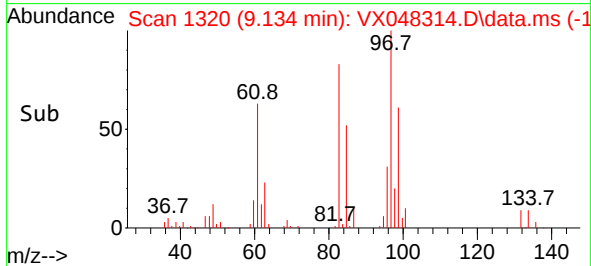
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



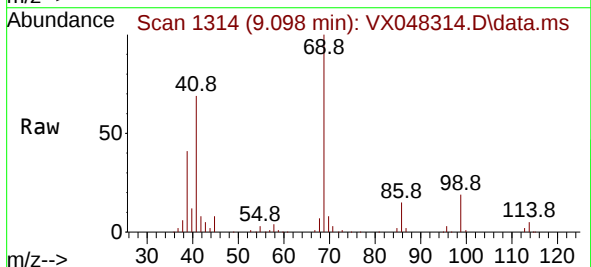
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.6	105.8
85	53.4	45.0	67.6
99	60.4	50.9	76.3

Manual Integrations
APPROVED

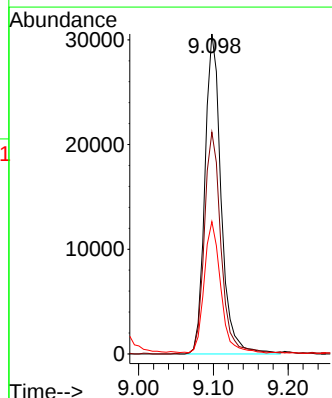
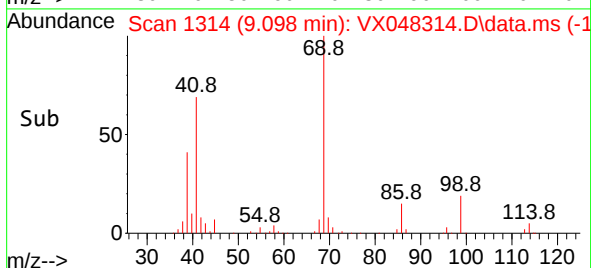
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

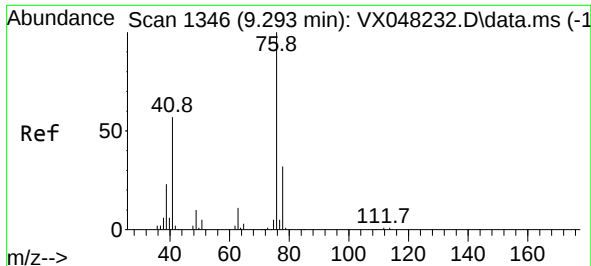


#56
Ethyl methacrylate
Concen: 21.059 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.0	84.0
39	42.1	31.6	47.4





#57

1,3-Dichloropropane

Concen: 21.130 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tgt Ion: 76 Resp: 54094

Ion Ratio Lower Upper

76 100

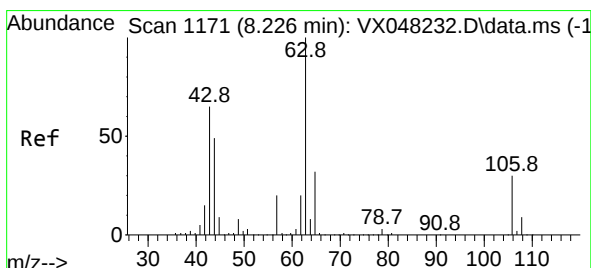
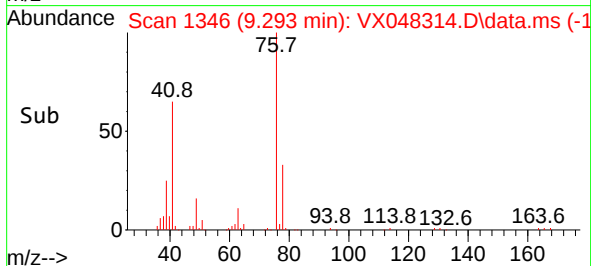
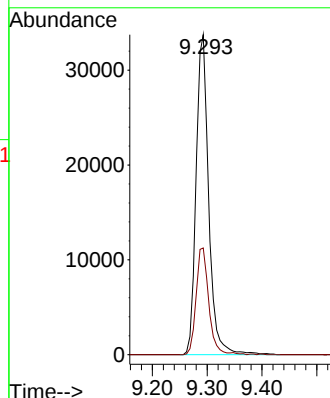
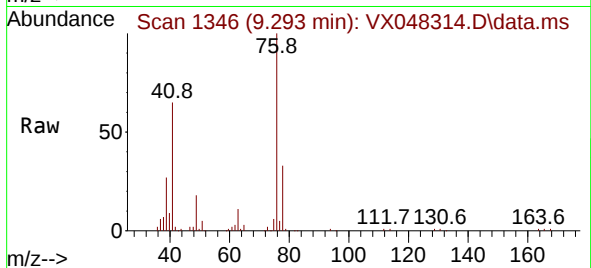
78 33.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 101.402 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048314.D

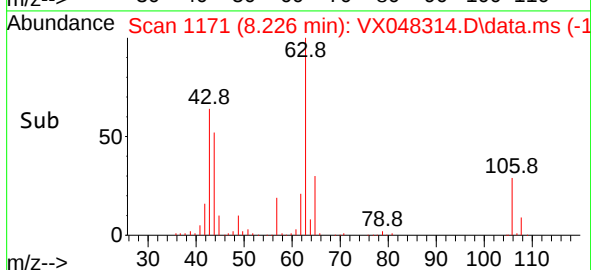
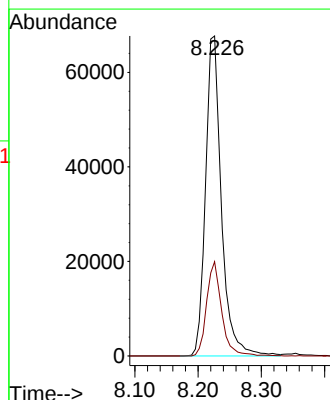
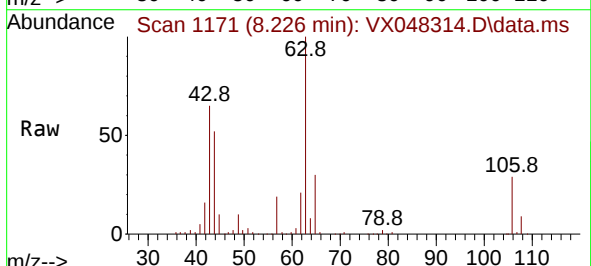
Acq: 23 Oct 2025 11:05

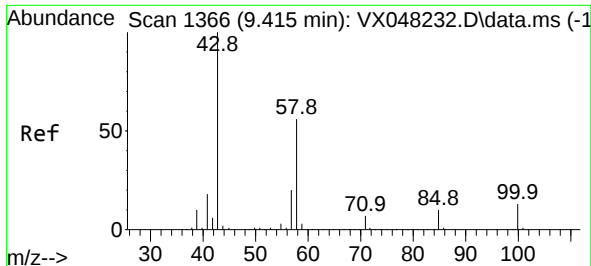
Tgt Ion: 63 Resp: 118328

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2





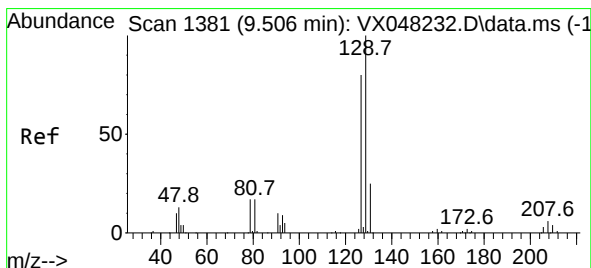
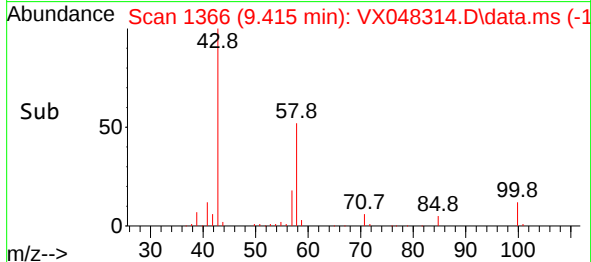
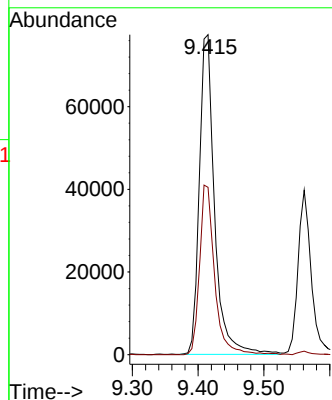
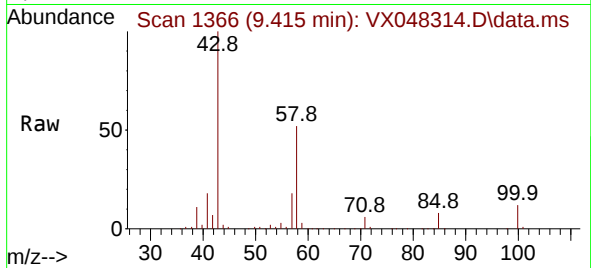
#59
2-Hexanone
Concen: 104.109 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 43 Resp: 124519
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8

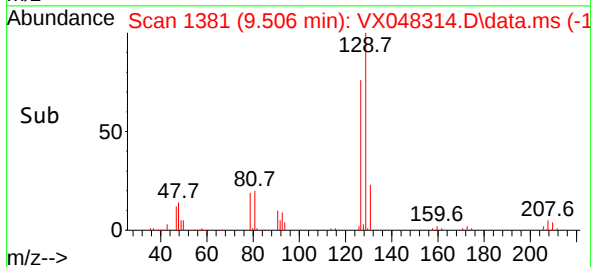
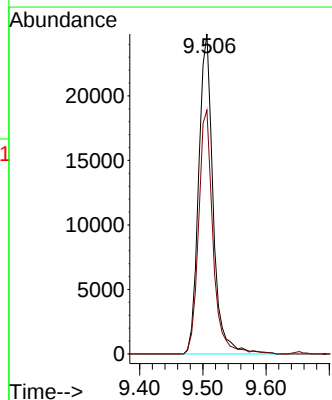
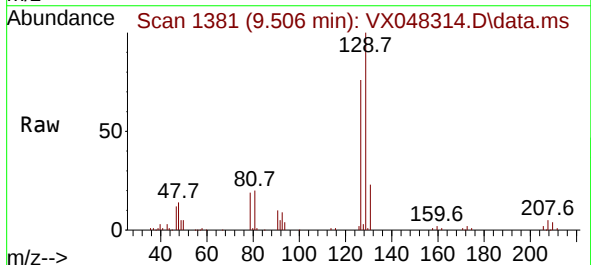
Manual Integrations
APPROVED

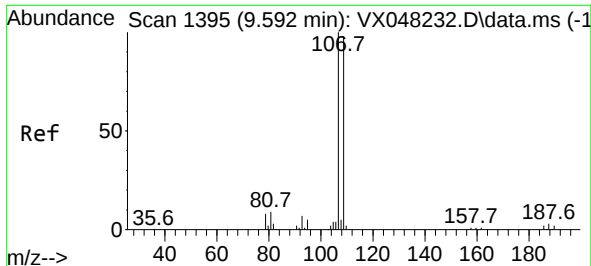
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 19.569 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

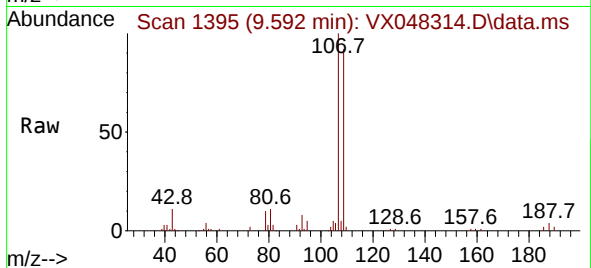
Tgt Ion:129 Resp: 39420
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.869 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

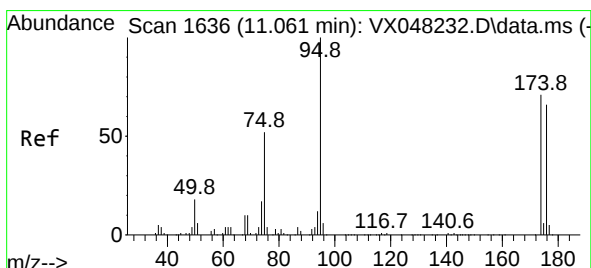
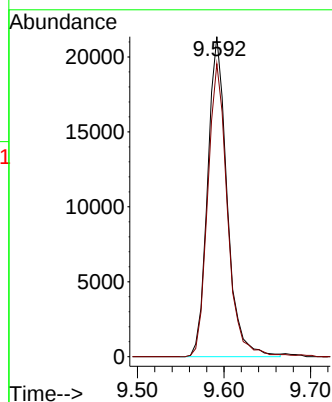
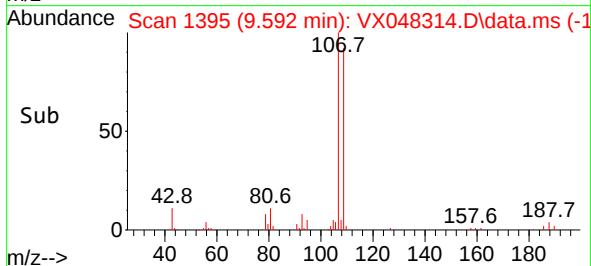
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



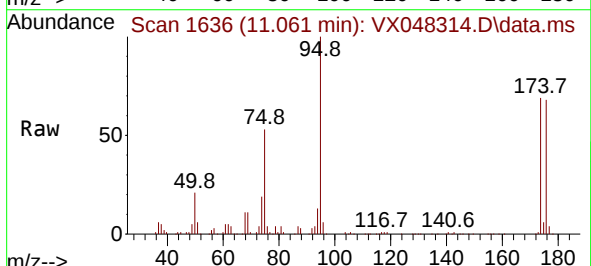
Tgt Ion:107 Resp: 3334
Ion Ratio Lower Upper
107 100
109 92.6 77.0 115.4

Manual Integrations
APPROVED

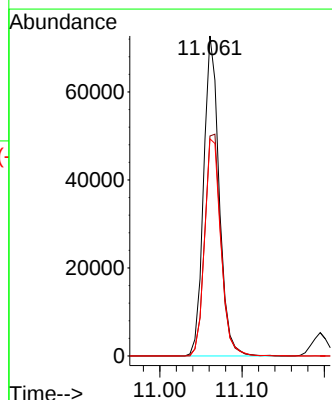
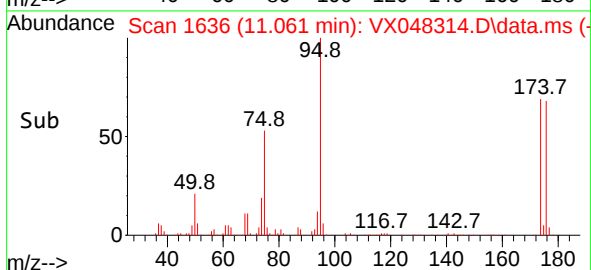
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

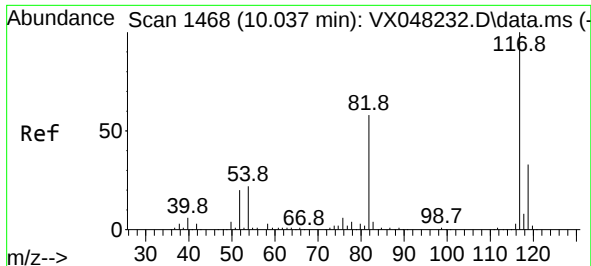


#62
4-Bromofluorobenzene
Concen: 46.584 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05



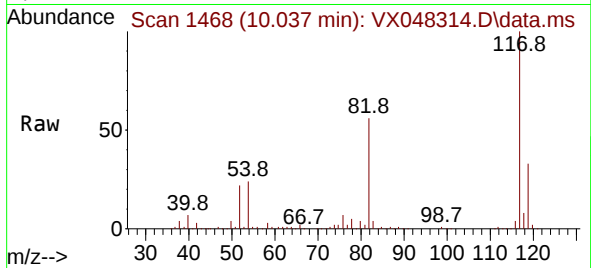
Tgt Ion: 95 Resp: 95495
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.8
176 71.2 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

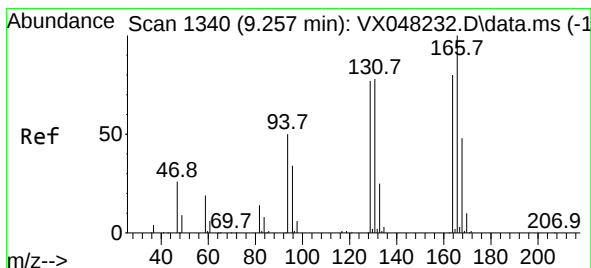
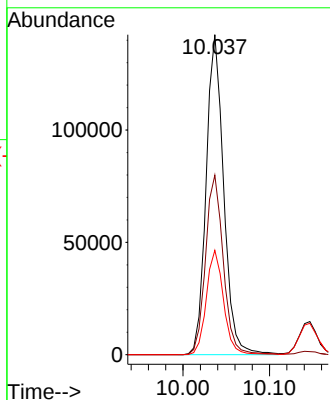
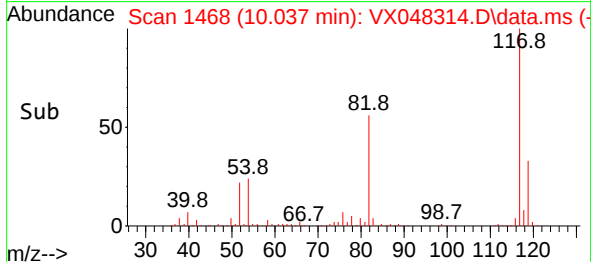
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion:117 Resp: 200619
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 32.6 25.9 38.9

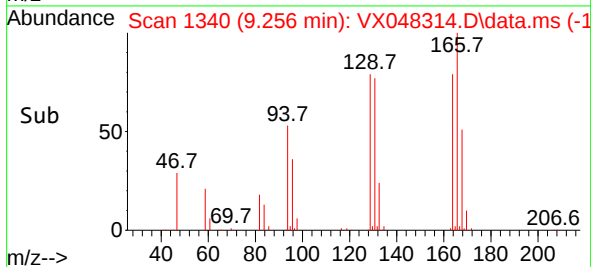
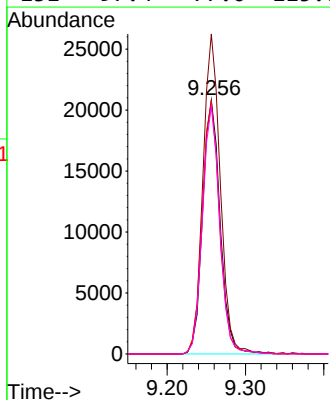
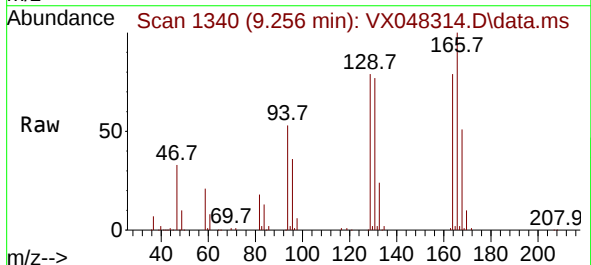
Manual Integrations
APPROVED

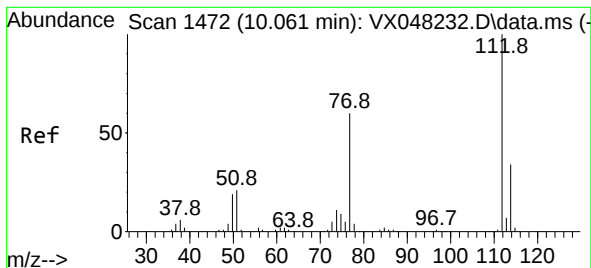
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 21.642 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion:164 Resp: 32413
Ion Ratio Lower Upper
164 100
166 126.0 104.5 156.7
129 99.6 81.8 122.6
131 97.4 77.0 115.6





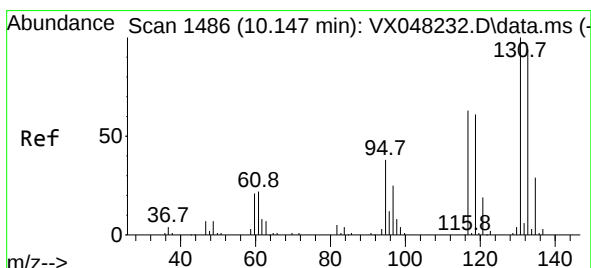
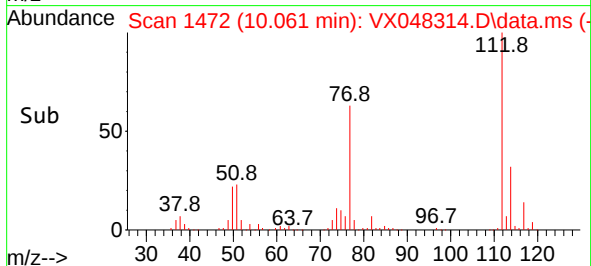
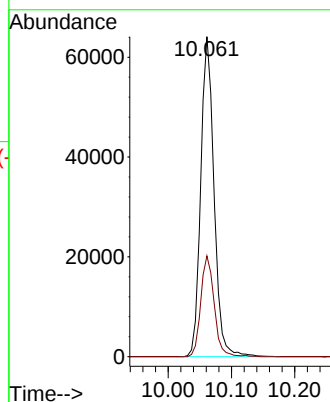
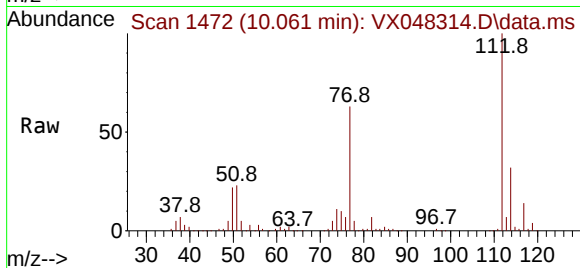
#65
Chlorobenzene
Concen: 20.813 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion:112 Resp: 93928
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

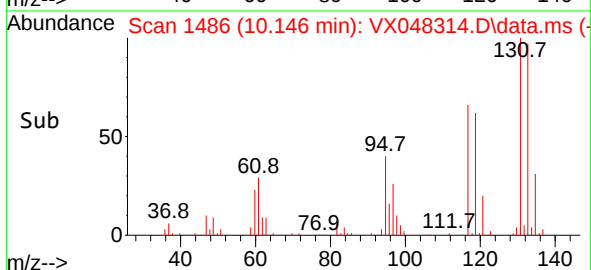
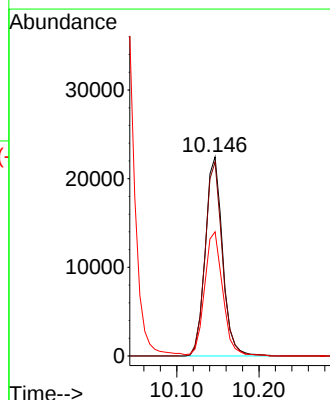
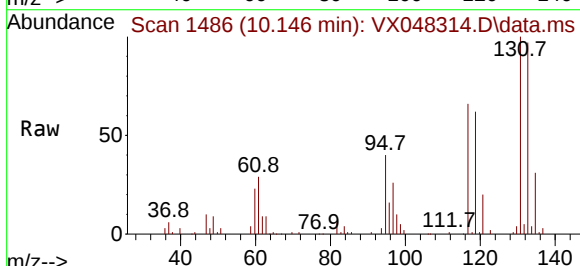
Manual Integrations
APPROVED

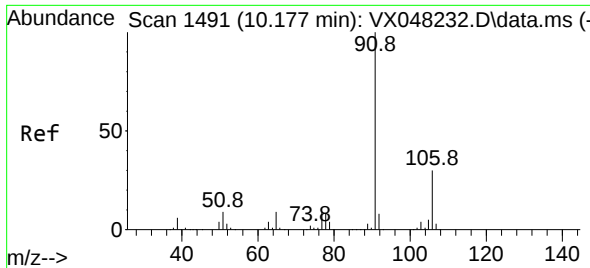
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.748 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

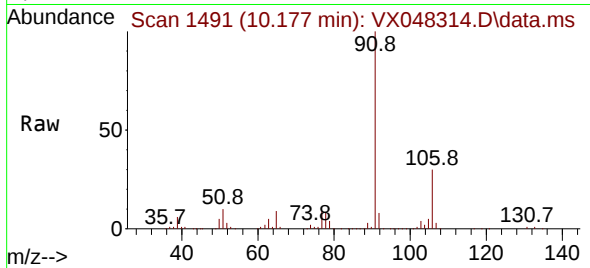
Tgt Ion:131 Resp: 32734
Ion Ratio Lower Upper
131 100
133 97.3 47.6 142.8
119 65.7 32.5 97.5





#67
Ethyl Benzene
Concen: 20.762 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

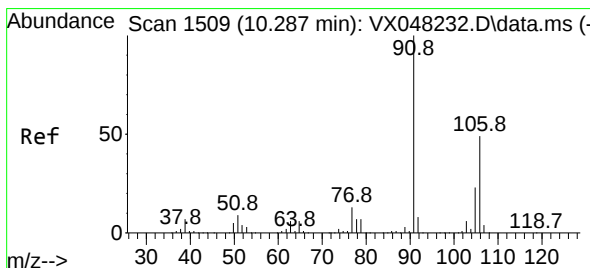
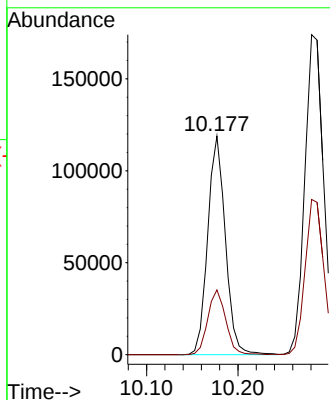
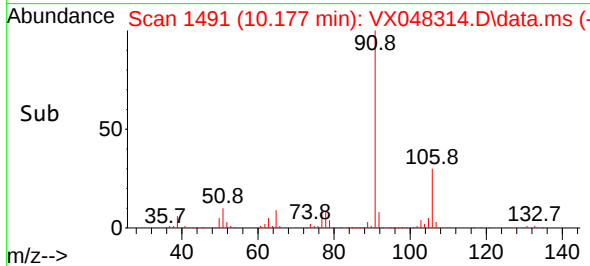
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



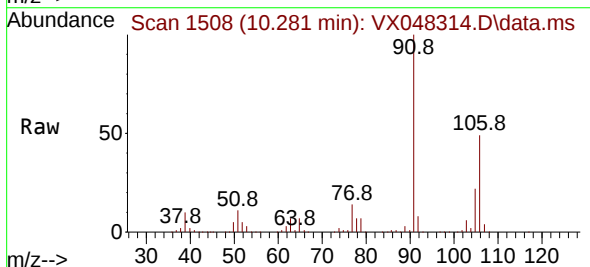
Tgt Ion: 91 Resp: 15952
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6

Manual Integrations
APPROVED

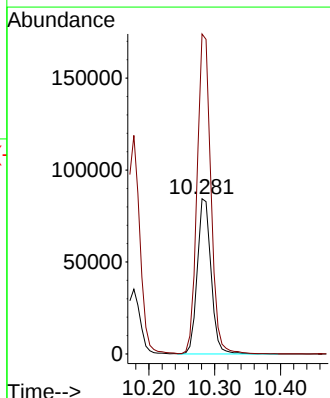
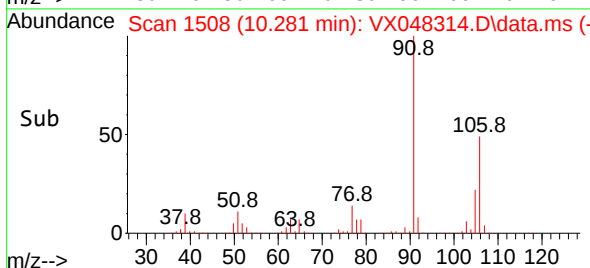
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

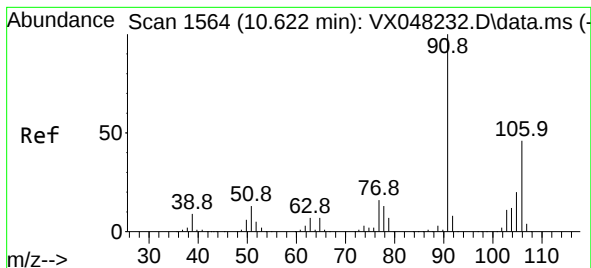


#68
m/p-Xylenes
Concen: 42.967 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05



Tgt Ion:106 Resp: 122663
Ion Ratio Lower Upper
106 100
91 206.1 167.9 251.9





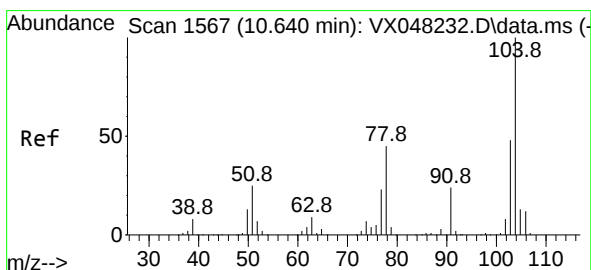
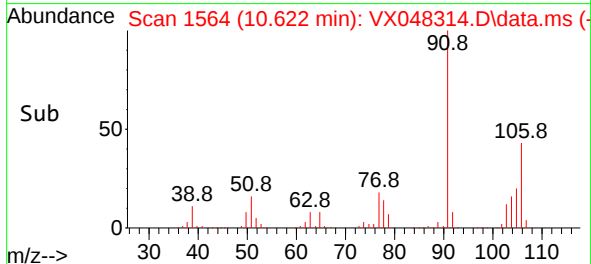
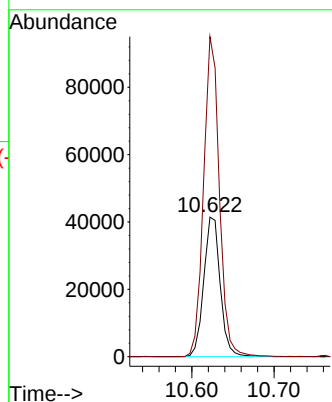
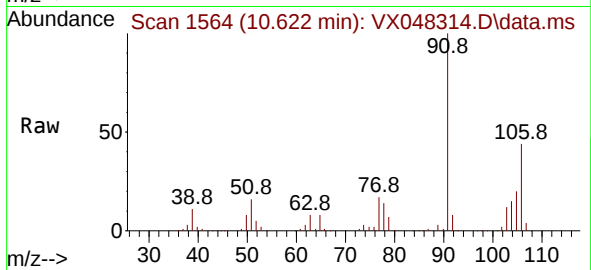
#69
o-Xylene
Concen: 20.886 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion:106 Resp: 57560
Ion Ratio Lower Upper
106 100
91 220.0 111.3 333.9

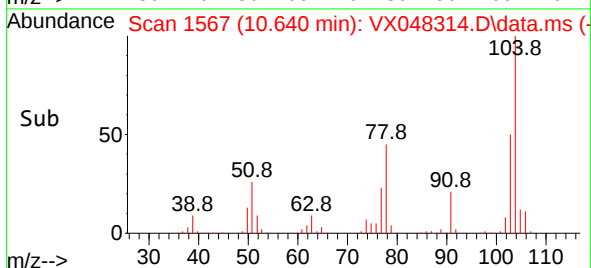
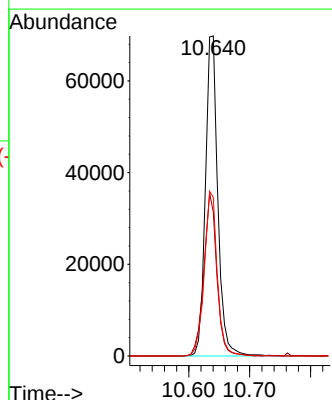
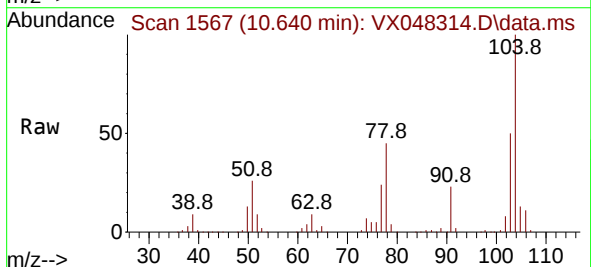
Manual Integrations
APPROVED

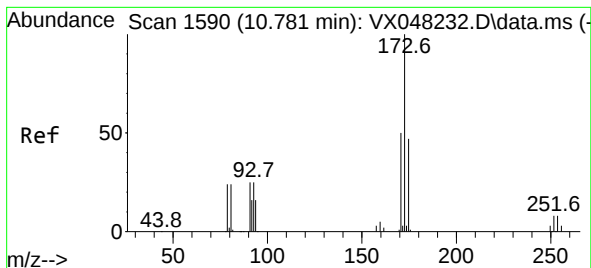
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 21.159 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion:104 Resp: 99301
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 17.852 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

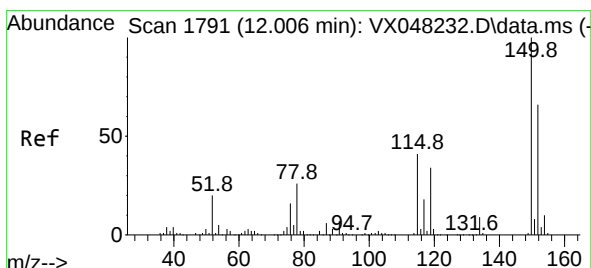
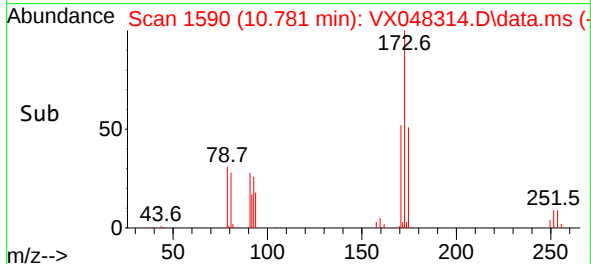
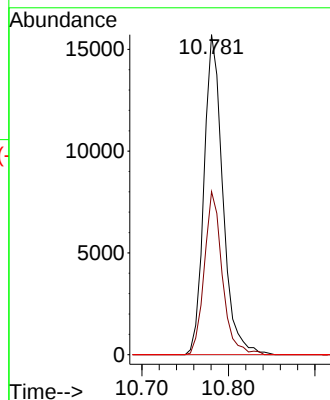
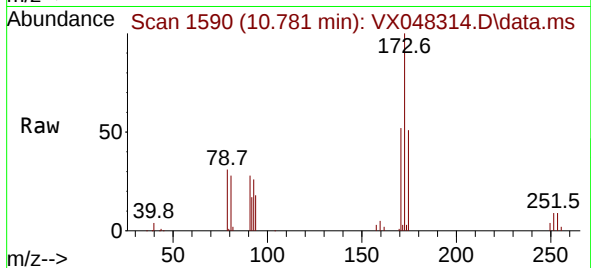
Tgt Ion:173 Resp: 2365
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

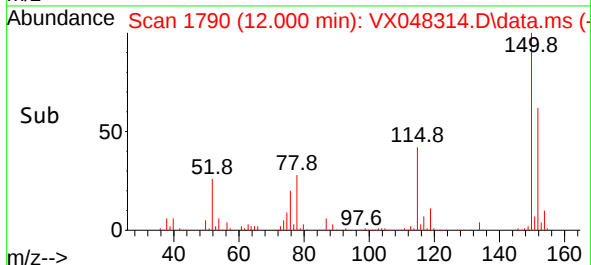
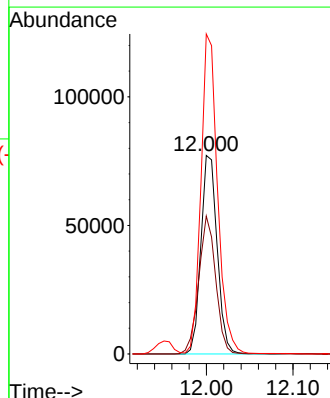
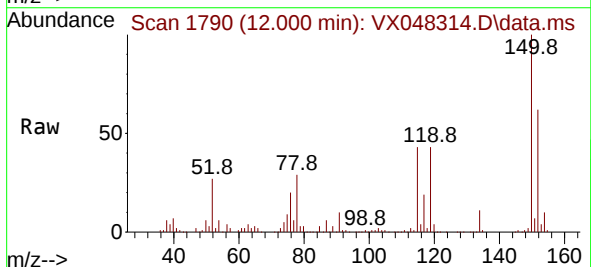
RT: 12.000 min Scan# 1790

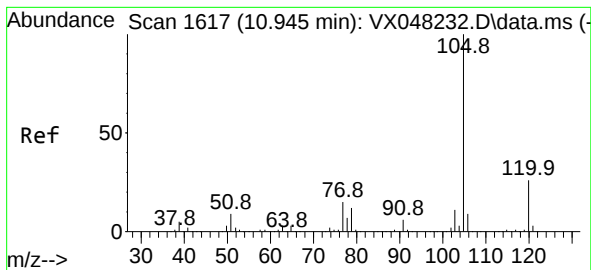
Delta R.T. -0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Tgt Ion:152 Resp: 100838
 Ion Ratio Lower Upper
 152 100
 115 72.2 43.1 129.4
 150 163.9 0.0 353.0





#73

Isopropylbenzene

Concen: 20.620 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tgt Ion:105 Resp: 15187

Ion Ratio Lower Upper

105 100

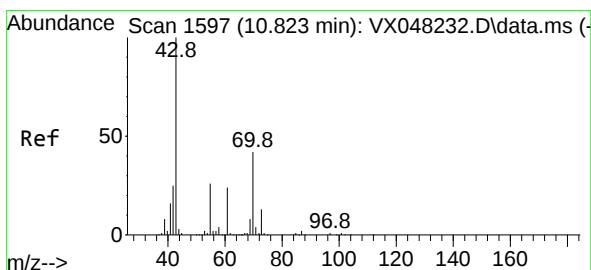
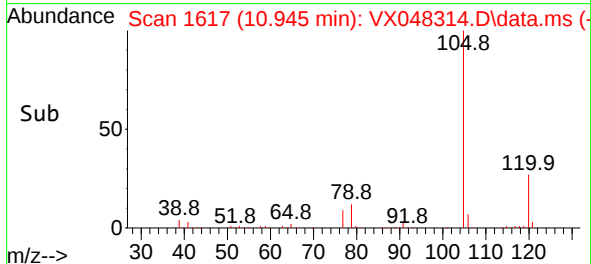
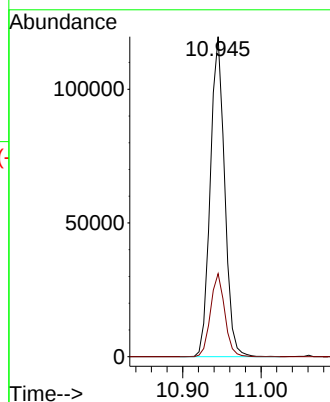
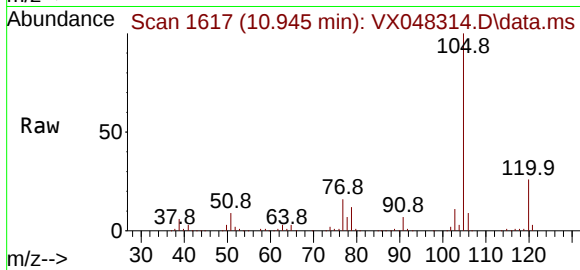
120 25.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

N-ethyl acetate

Concen: 22.374 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Tgt Ion: 43 Resp: 58452

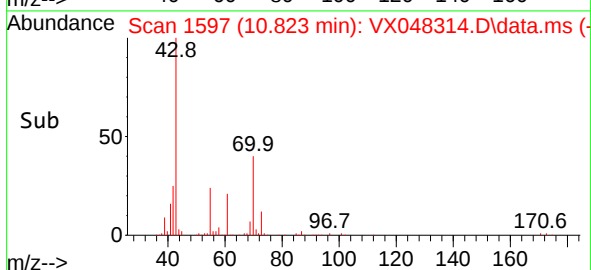
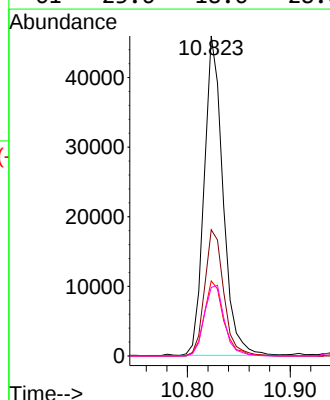
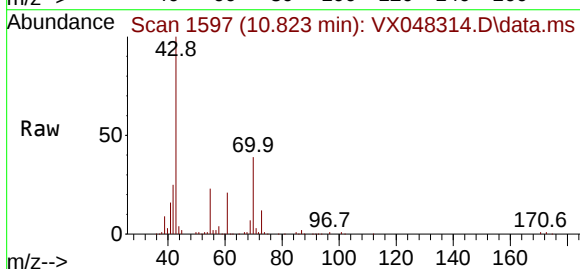
Ion Ratio Lower Upper

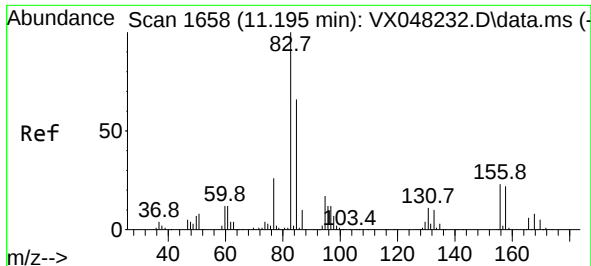
43 100

70 40.1 32.2 48.2

55 24.6 19.1 28.7

61 23.6 18.6 28.0





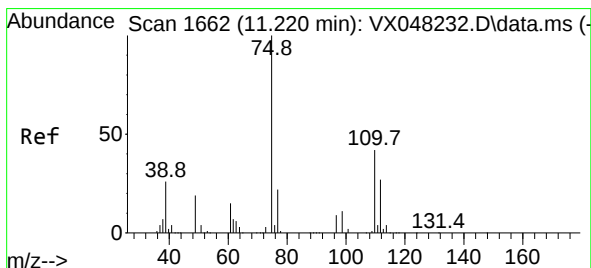
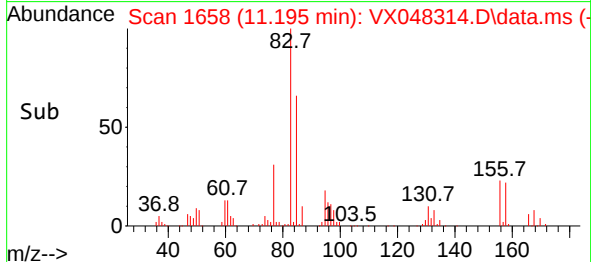
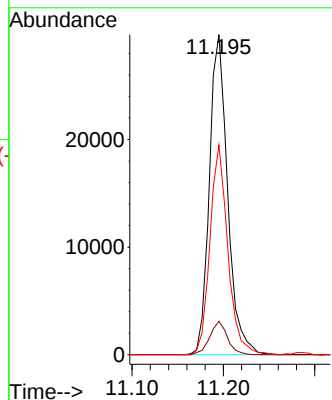
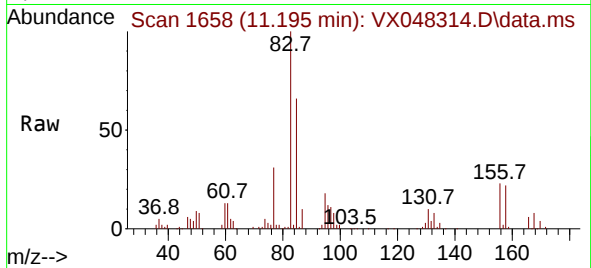
#75
1,1,2,2-Tetrachloroethane
Concen: 20.456 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 83 Resp: 4114
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.3 31.9 95.7

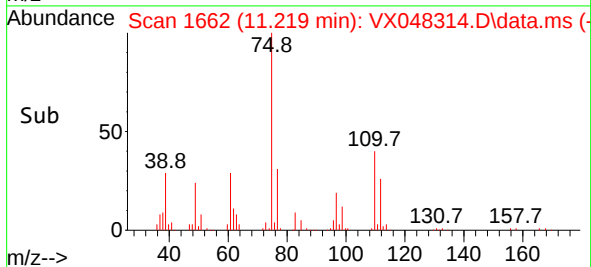
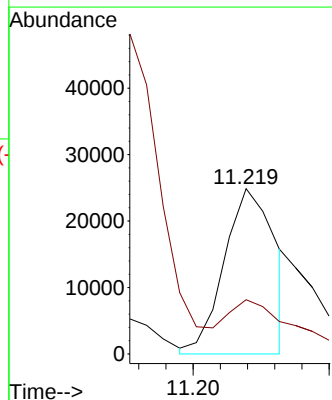
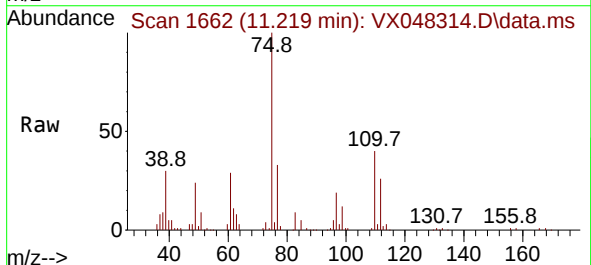
Manual Integrations
APPROVED

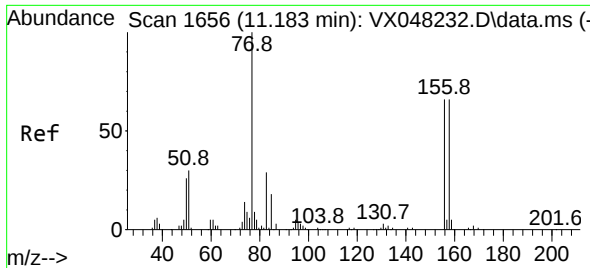
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 19.724 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 75 Resp: 32254
Ion Ratio Lower Upper
75 100
77 42.3 22.4 67.2





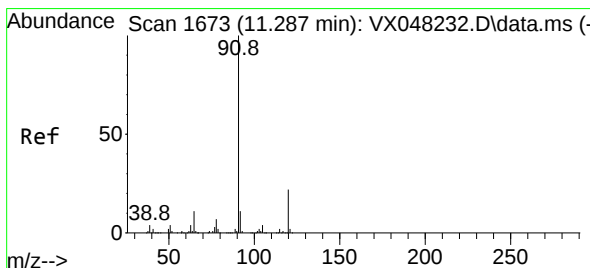
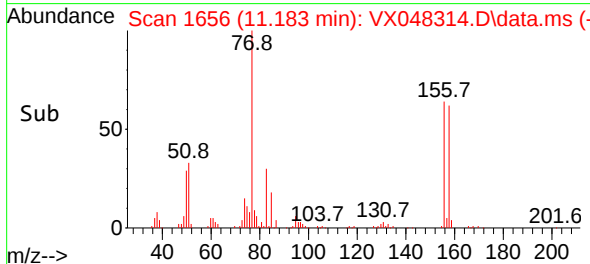
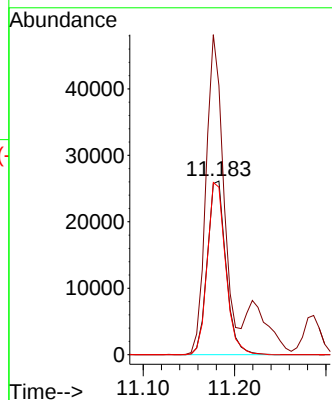
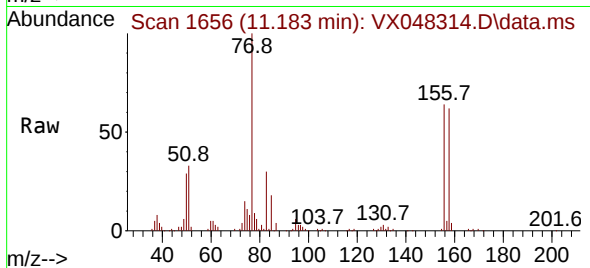
#77
Bromobenzene
Concen: 19.963 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion:156 Resp: 3686
Ion Ratio Lower Upper
156 100
77 176.3 87.0 261.0
158 97.8 47.8 143.4

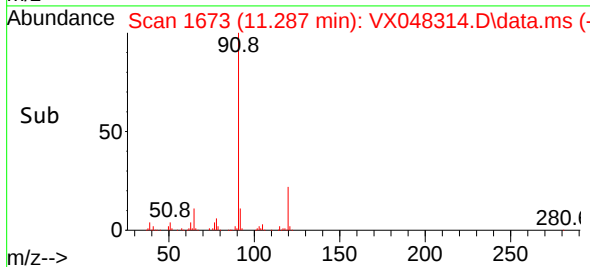
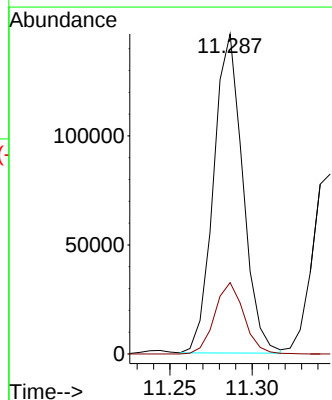
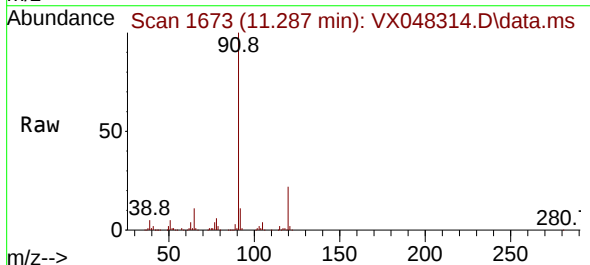
Manual Integrations
APPROVED

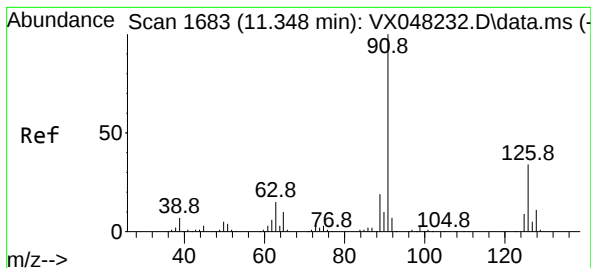
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 21.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 91 Resp: 180722
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





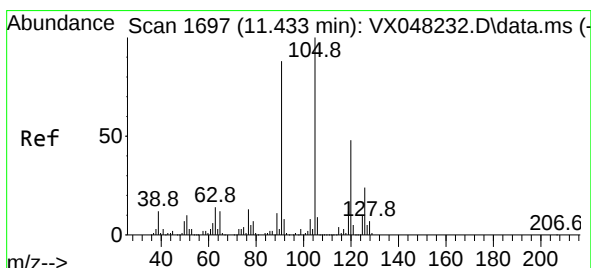
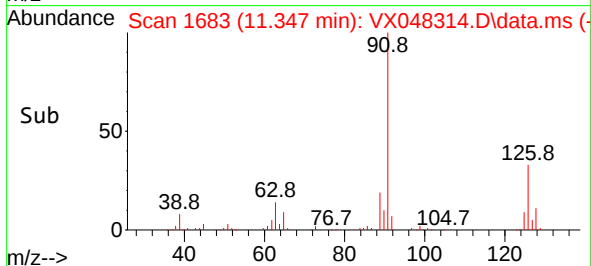
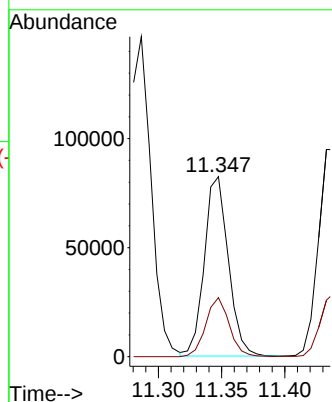
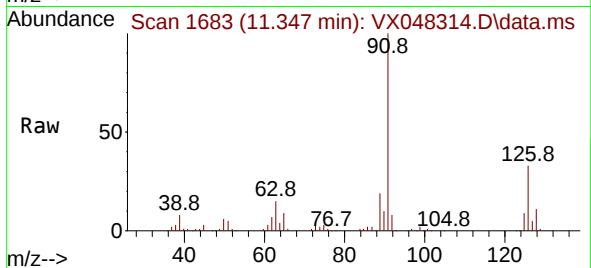
#79
2-Chlorotoluene
Concen: 21.042 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tgt Ion: 91 Resp: 10879
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

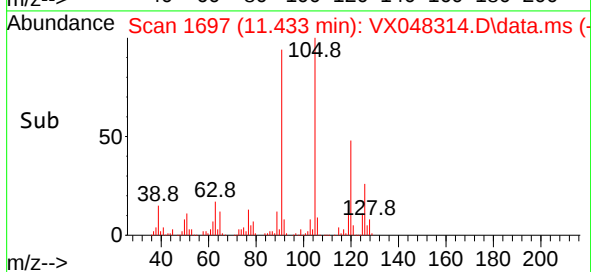
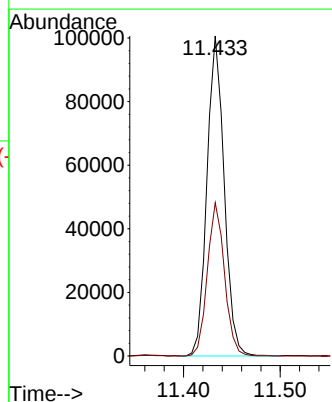
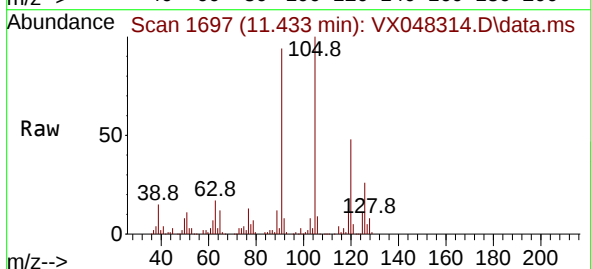
Manual Integrations
APPROVED

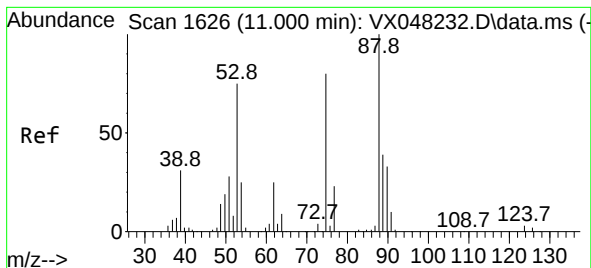
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.451 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

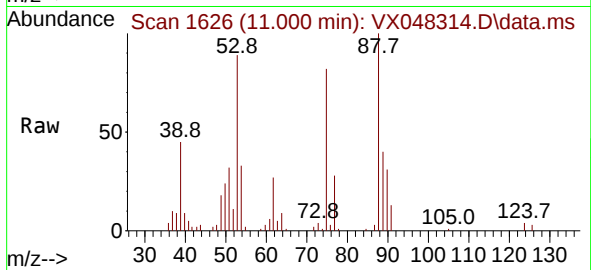
Tgt Ion:105 Resp: 124648
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 13.500 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

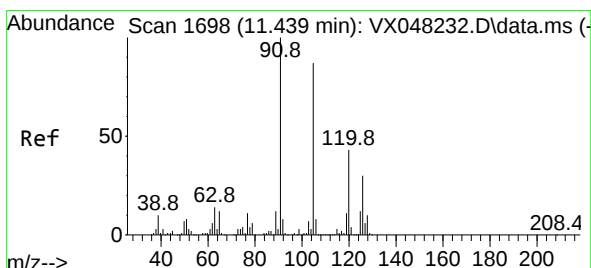
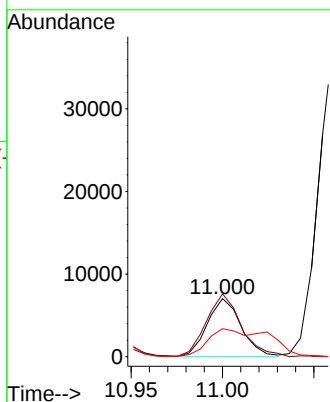
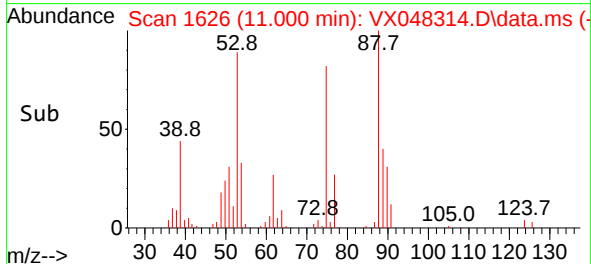
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



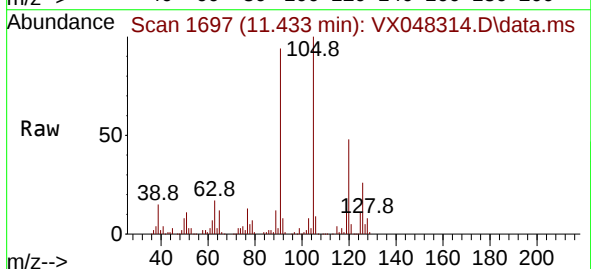
Tgt Ion: 75 Resp: 9074
Ion Ratio Lower Upper
75 100
53 108.5 79.5 119.3
89 87.2 36.8 55.2

Manual Integrations
APPROVED

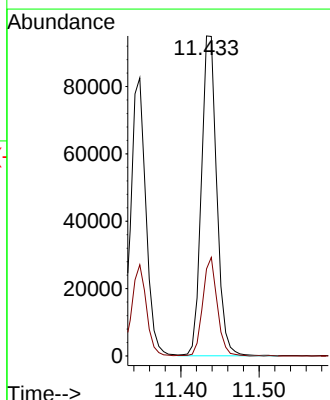
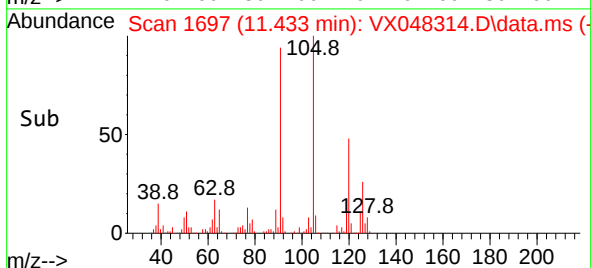
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

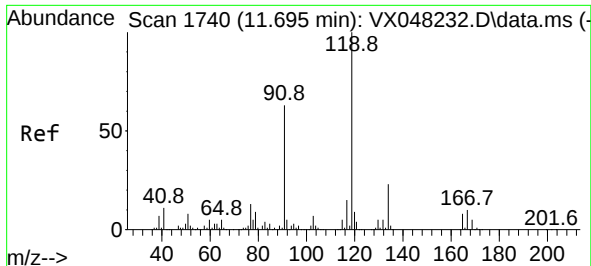


#82
4-Chlorotoluene
Concen: 21.050 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05



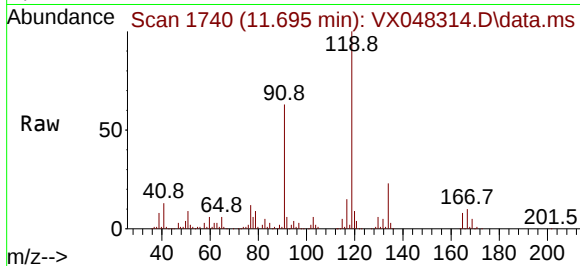
Tgt Ion: 91 Resp: 129194
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.742 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

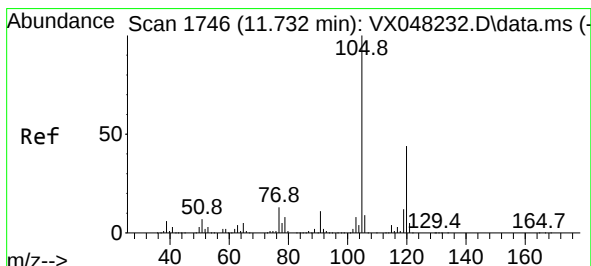
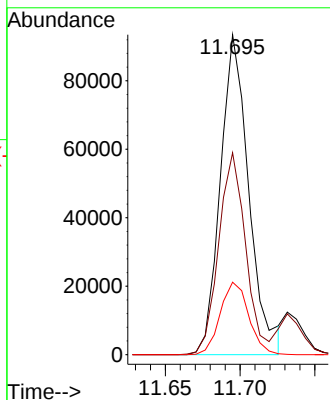
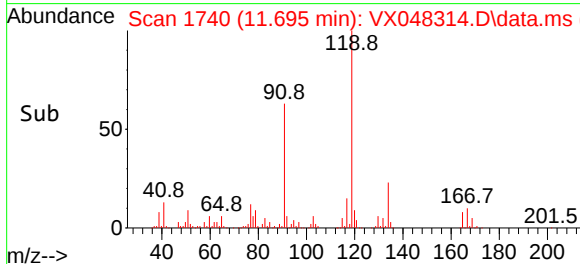
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



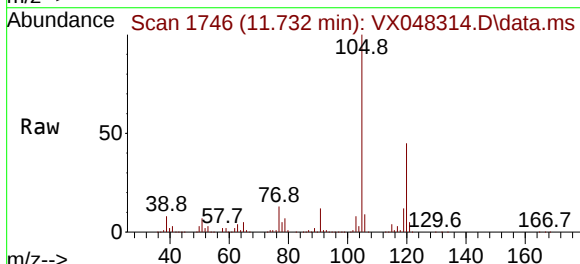
Tgt Ion:119 Resp: 123634
Ion Ratio Lower Upper
119 100
91 59.9 30.3 91.0
134 22.8 11.4 34.2

Manual Integrations
APPROVED

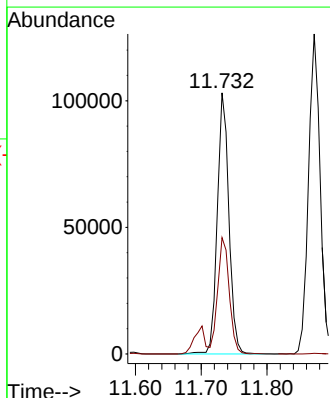
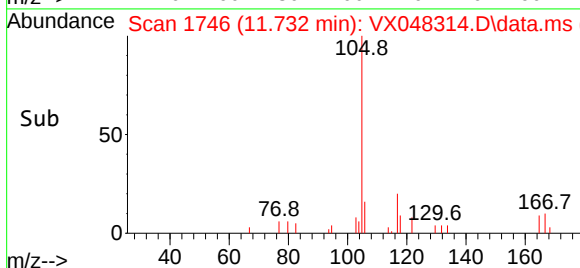
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

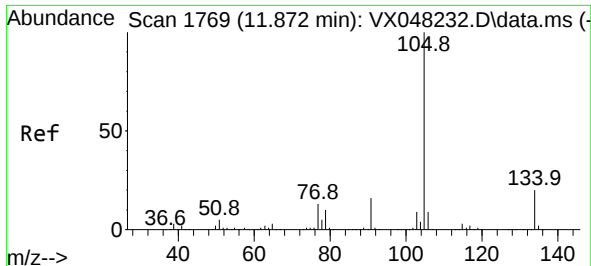


#84
1,2,4-Trimethylbenzene
Concen: 20.776 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05



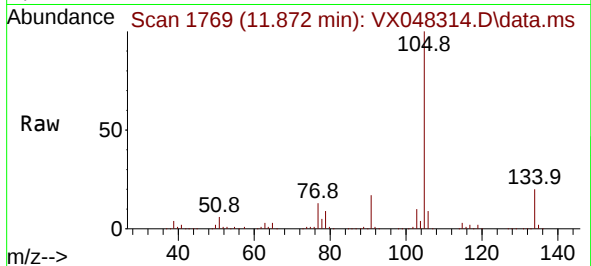
Tgt Ion:105 Resp: 126378
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 20.573 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048314.D
 Acq: 23 Oct 2025 11:05

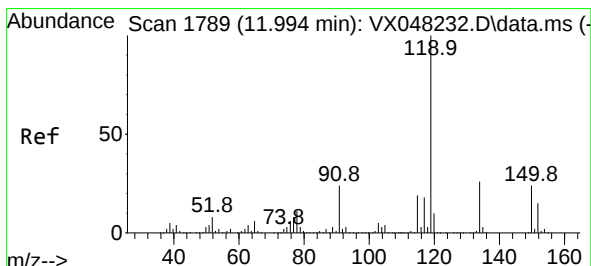
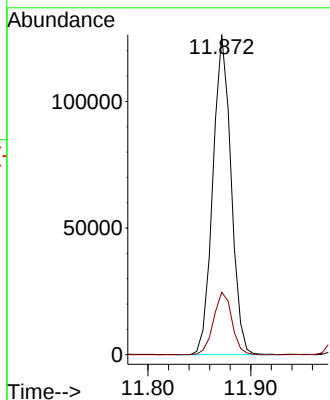
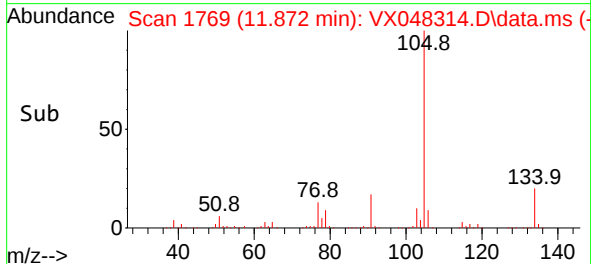
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01



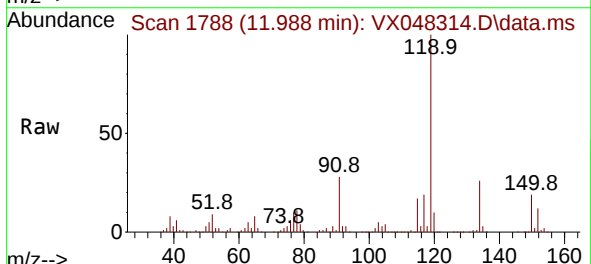
Tgt Ion:105 Resp: 155009
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

Manual Integrations
 APPROVED

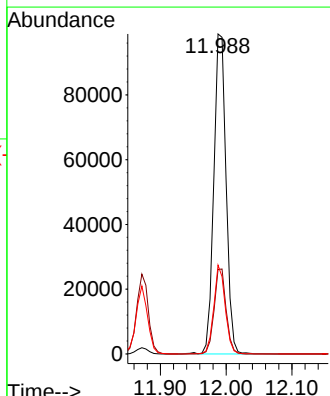
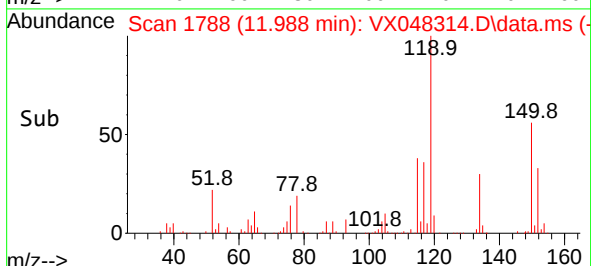
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

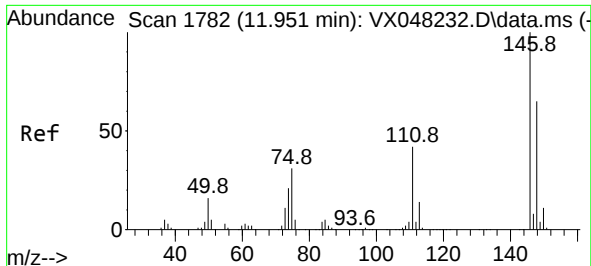


#86
 p-Isopropyltoluene
 Concen: 19.693 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048314.D
 Acq: 23 Oct 2025 11:05



Tgt Ion:119 Resp: 128248
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.173 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tgt Ion:146 Resp: 7023

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

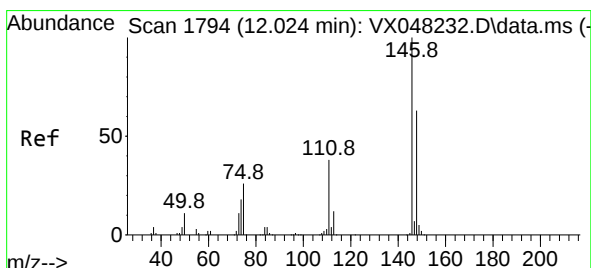
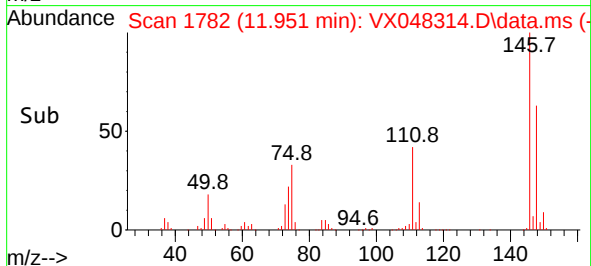
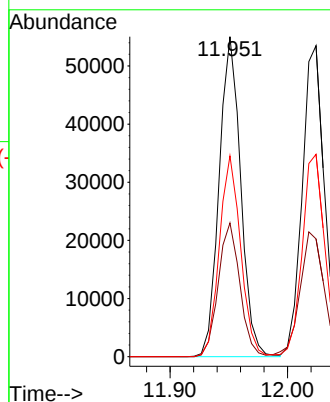
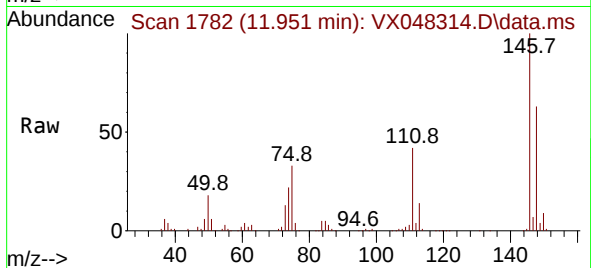
148 62.1 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 19.555 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

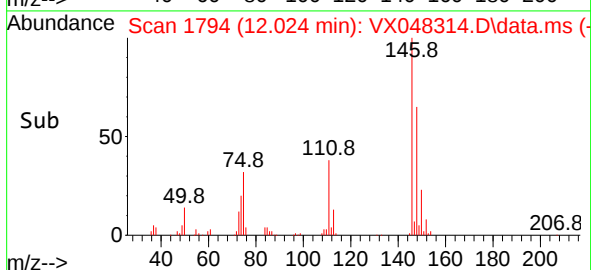
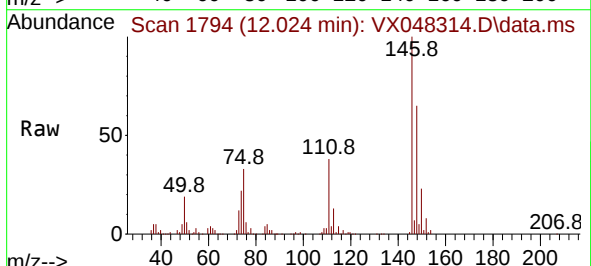
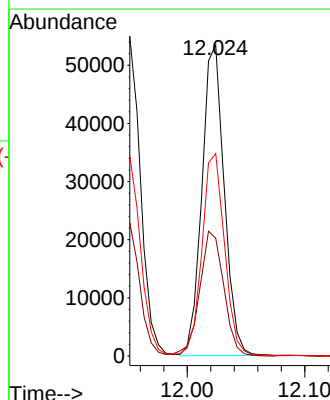
Tgt Ion:146 Resp: 70529

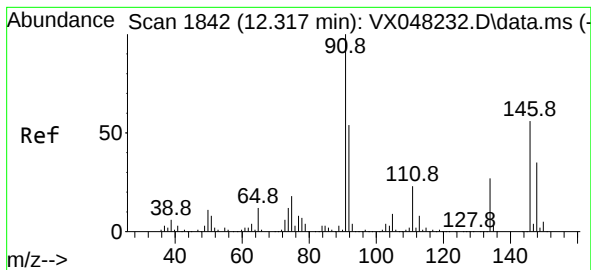
Ion Ratio Lower Upper

146 100

111 43.4 20.1 60.2

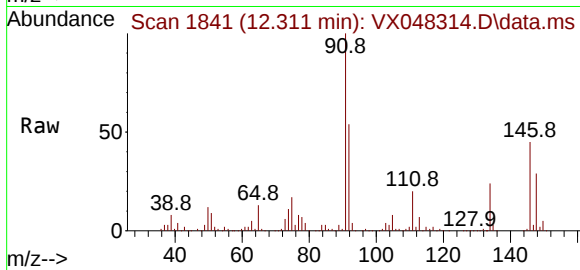
148 66.3 31.8 95.3





#89
n-Butylbenzene
Concen: 20.242 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

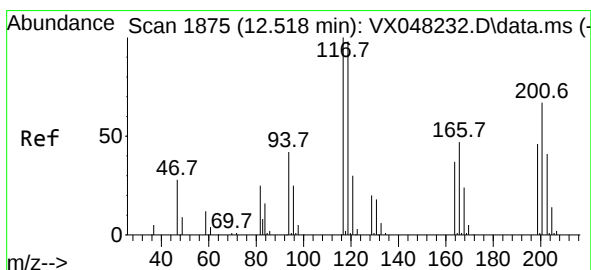
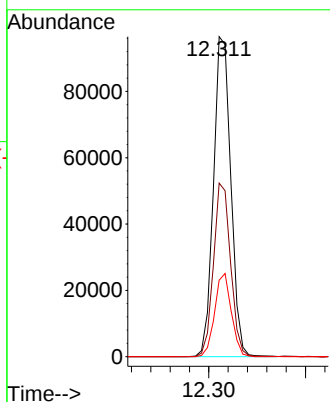
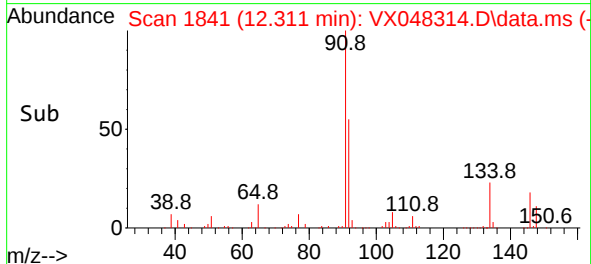
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion: 91 Resp: 11998
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 25.0 12.7 38.1

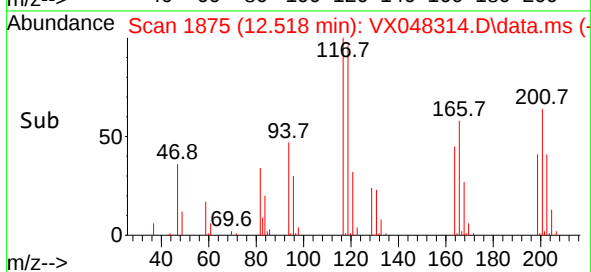
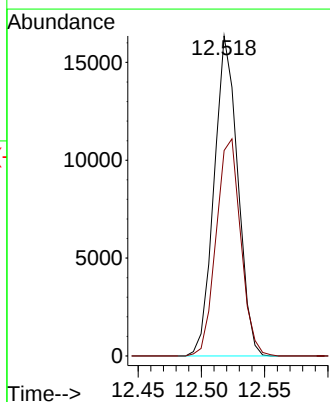
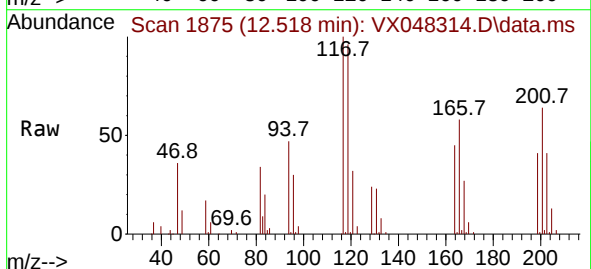
Manual Integrations
APPROVED

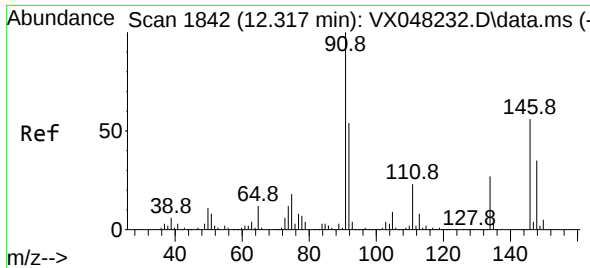
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 16.544 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

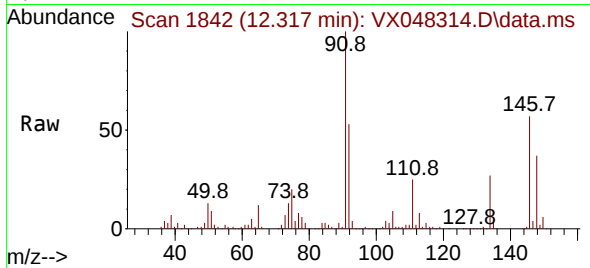
Tgt Ion:117 Resp: 21276
Ion Ratio Lower Upper
117 100
201 70.5 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 20.460 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

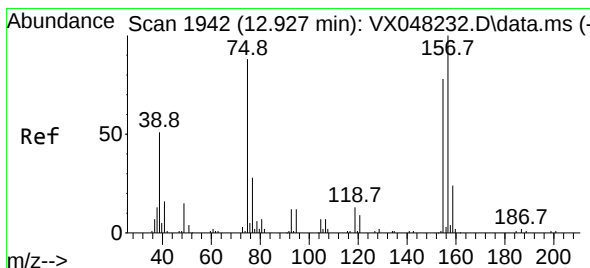
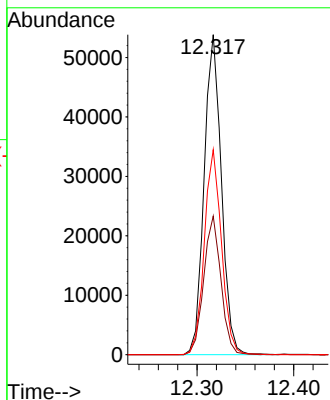
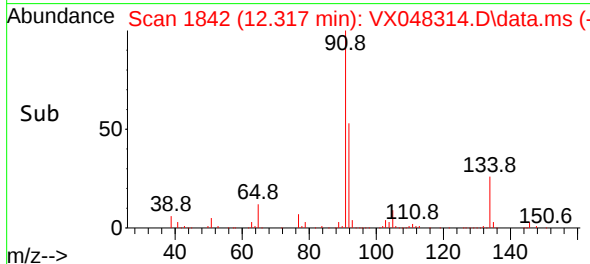
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



Tgt Ion:146 Resp: 66879
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 64.0 31.9 95.5

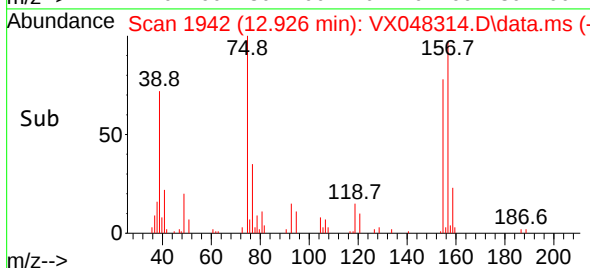
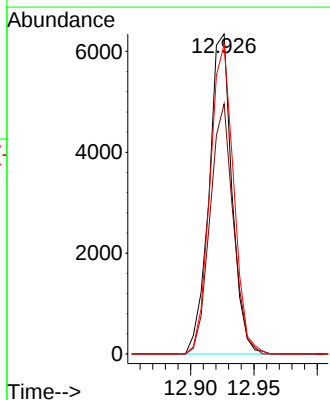
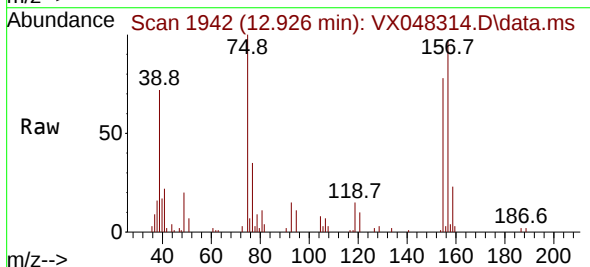
Manual Integrations
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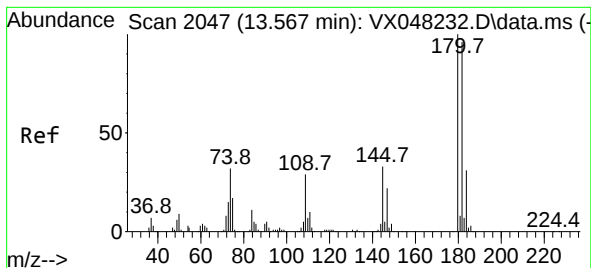
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.575 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

Tgt Ion: 75 Resp: 7992
Ion Ratio Lower Upper
75 100
155 79.3 42.8 128.4
157 99.6 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 19.041 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

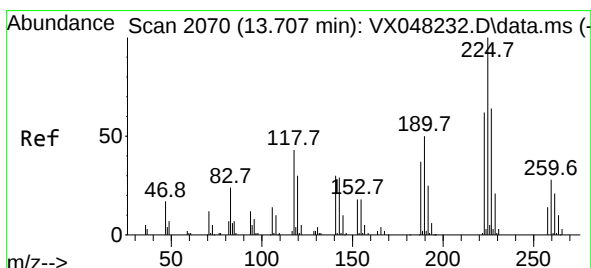
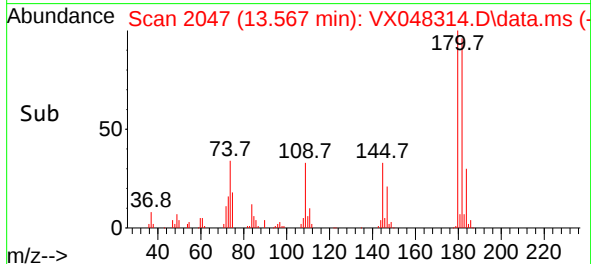
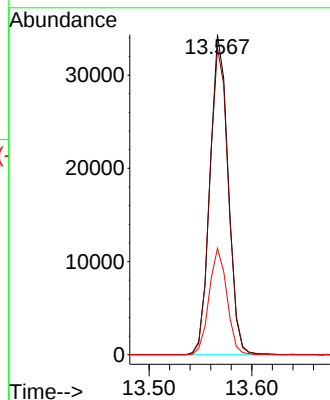
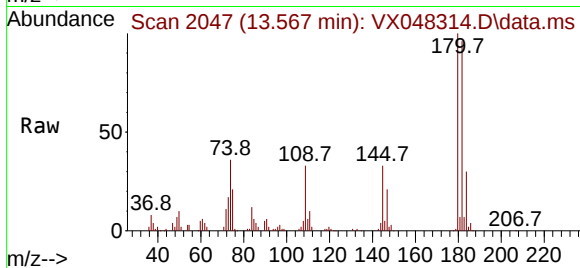
Tgt Ion:180	Resp:	42089
Ion Ratio	Lower	Upper
180	100	
182	97.9	47.3 142.0
145	32.5	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 19.989 ug/l

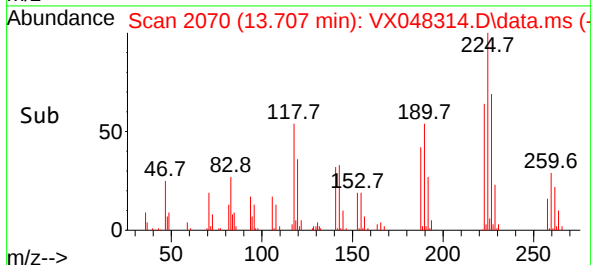
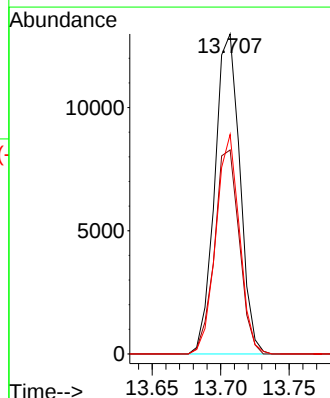
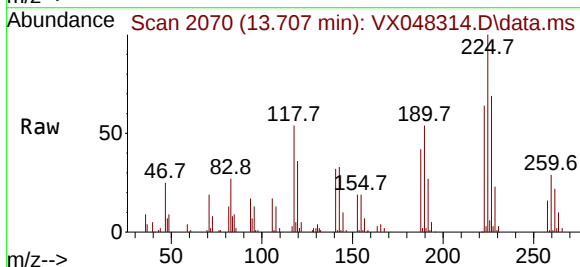
RT: 13.707 min Scan# 2070

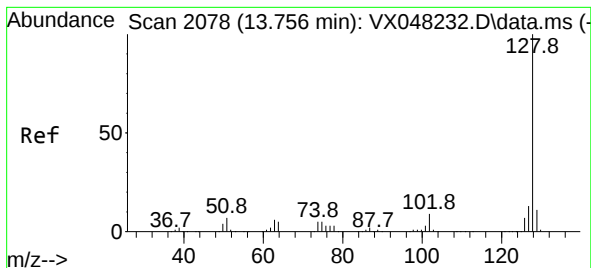
Delta R.T. 0.006 min

Lab File: VX048314.D

Acq: 23 Oct 2025 11:05

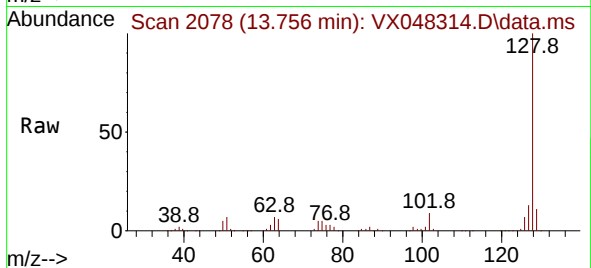
Tgt Ion:225	Resp:	16524
Ion Ratio	Lower	Upper
225	100	
223	63.0	32.6 97.7
227	64.4	32.5 97.4





#95
Naphthalene
Concen: 19.695 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05

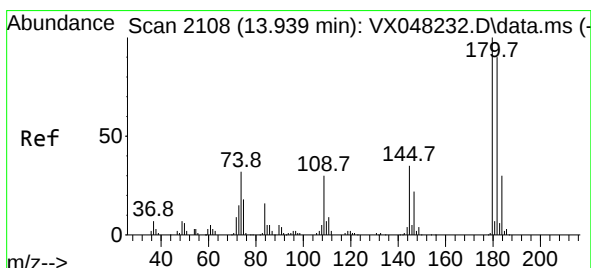
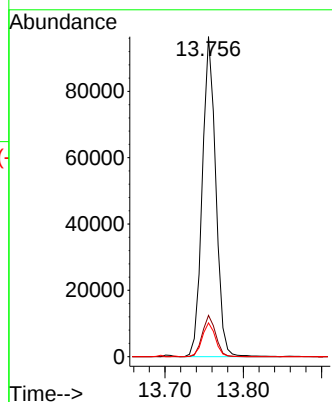
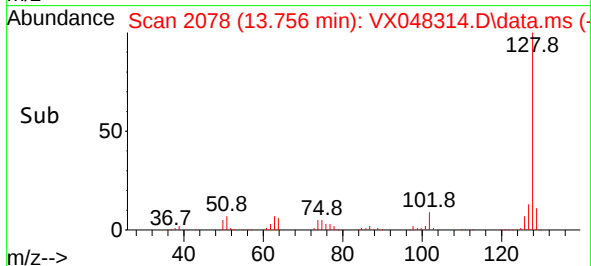
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01



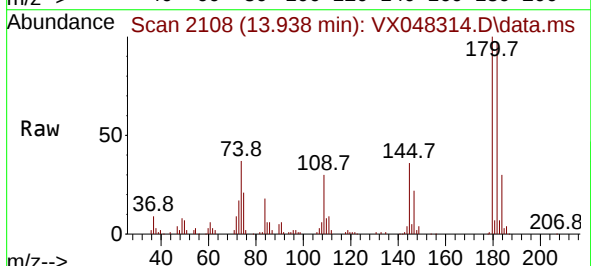
Tgt Ion:128 Resp: 115344
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.821 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048314.D
Acq: 23 Oct 2025 11:05



Tgt Ion:180 Resp: 40205
Ion Ratio Lower Upper
180 100
182 91.7 46.6 139.7
145 34.0 16.9 50.7

