

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071125\
 Data File : VW038884.D
 Acq On : 11 Jul 2025 10:43
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 14 05:27:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 05:23:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	522372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	829660	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	779723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	467873	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	806589	126.375	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 252.760%#	
35) Dibromofluoromethane	4.494	113	745561	131.803	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 263.600%#	
50) Toluene-d8	7.233	98	2297387	134.363	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 268.720%#	
62) 4-Bromofluorobenzene	10.001	95	1034177	150.145	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 300.300%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.117	85	607610	132.380	ug/l	100
3) Chloromethane	1.227	50	630548	127.218	ug/l	97
4) Vinyl Chloride	1.298	62	736577	129.843	ug/l	99
5) Bromomethane	1.478	94	338829	83.307	ug/l	95
6) Chloroethane	1.542	64	505428	133.298	ug/l	99
7) Trichlorofluoromethane	1.716	101	1345836	134.085	ug/l	100
8) Diethyl Ether	1.915	74	519186	143.839	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.076	101	814556	135.722	ug/l	100
10) Methyl Iodide	2.191	142	1105412	160.430	ug/l	98
11) Tert butyl alcohol	2.590	59	1022309	695.727	ug/l	100
12) 1,1-Dichloroethene	2.076	96	717685	131.238	ug/l	100
13) Acrolein	2.005	56	163343	768.687	ug/l	100
14) Allyl chloride	2.352	41	1210847	138.982	ug/l	99
15) Acrylonitrile	2.670	53	2592750	689.517	ug/l	99
16) Acetone	2.117	43	2049068	741.921	ug/l	98
17) Carbon Disulfide	2.246	76	1275423	111.784	ug/l	99
18) Methyl Acetate	2.375	43	1439774	154.079	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	2900096	141.442	ug/l	99
20) Methylene Chloride	2.452	84	857099	122.328	ug/l	98
21) trans-1,2-Dichloroethene	2.696	96	727277	124.992	ug/l	97
22) Diisopropyl ether	3.211	45	2599103	149.303	ug/l	91
23) Vinyl Acetate	3.182	43	10456064	766.027	ug/l	100
24) 1,1-Dichloroethane	3.111	63	1509930	132.442	ug/l	99
25) 2-Butanone	3.860	43	3077243	817.830	ug/l	97
26) 2,2-Dichloropropane	3.805	77	1385177	138.774	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	964605	144.055	ug/l	100
28) Bromochloromethane	4.140	49	637626	147.312	ug/l	99
29) Tetrahydrofuran	4.230	42	1988480	760.529	ug/l	98
30) Chloroform	4.272	83	1645815	130.942	ug/l	99
31) Cyclohexane	4.577	56	1002286	133.941	ug/l	96
32) 1,1,1-Trichloroethane	4.506	97	1463275	133.429	ug/l	99
36) 1,1-Dichloropropene	4.738	75	968548	144.603	ug/l	99
37) Ethyl Acetate	3.966	43	1170207	130.078	ug/l	99
38) Carbon Tetrachloride	4.728	117	1197501	143.028	ug/l	98
39) Methylcyclohexane	6.043	83	1194245	155.691	ug/l	98
40) Benzene	5.002	78	3159832	143.381	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	601432	194.210	ug/l	96
42) 1,2-Dichloroethane	5.034	62	1144026	136.191	ug/l	98
43) Isopropyl Acetate	5.188	43	1888811	164.093	ug/l	99
44) Trichloroethene	5.825	130	807944	140.300	ug/l	96
45) 1,2-Dichloropropane	6.085	63	845515	145.241	ug/l	100
46) Dibromomethane	6.220	93	629408	139.738	ug/l	99
47) Bromodichloromethane	6.423	83	1352315	141.468	ug/l	100
48) Methyl methacrylate	6.291	41	916938	174.560	ug/l	98
49) 1,4-Dioxane	6.284	88	375564	3483.347	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	6435696	795.909	ug/l	100
52) Toluene	7.304	92	2104765	155.640	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	1381265	164.969	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	1412643	153.897	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	918290	138.383	ug/l	99
56) Ethyl methacrylate	7.712	69	1463375	185.576	ug/l	98
57) 1,3-Dichloropropane	7.931	76	1456687	146.403	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	4210451	904.565	ug/l	100
59) 2-Hexanone	8.063	43	4888373	863.755	ug/l	98
60) Dibromochloromethane	8.165	129	1117481	143.000	ug/l	99
61) 1,2-Dibromoethane	8.272	107	962268	143.938	ug/l	97
64) Tetrachloroethene	7.895	164	678265	132.637	ug/l	97
65) Chlorobenzene	8.802	112	2460371	144.413	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	940508	138.425	ug/l	99
67) Ethyl Benzene	8.934	91	4219107	166.775	ug/l	99
68) m/p-Xylenes	9.063	106	3268894	331.888	ug/l	100
69) o-Xylene	9.468	106	1610597	173.250	ug/l	98
70) Styrene	9.484	104	2861478	174.717	ug/l	100
71) Bromoform	9.651	173	843444	152.724	ug/l	99
73) Isopropylbenzene	9.853	105	4423718	158.239	ug/l	99
74) N-amyl acetate	9.722	43	1814982	177.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1589343	135.729	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	1231452	144.266	ug/l	85
77) Bromobenzene	10.140	156	1072368	146.231	ug/l	99
78) n-propylbenzene	10.278	91	5300317	162.220	ug/l	100
79) 2-Chlorotoluene	10.349	91	3118361	150.071	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	3821607	162.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	578596	162.313	ug/l	95
82) 4-Chlorotoluene	10.461	91	3725023	160.370	ug/l	100
83) tert-Butylbenzene	10.789	119	4084794	165.261	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3848579	165.905	ug/l	100
85) sec-Butylbenzene	11.014	105	5175811	164.069	ug/l	100
86) p-Isopropyltoluene	11.165	119	4368944	163.119	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	2171621	145.078	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	2240426	137.594	ug/l	99
89) n-Butylbenzene	11.580	91	4241416	173.468	ug/l	99
90) Hexachloroethane	11.821	117	891873	140.003	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	2166691	149.111	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	396215	149.661	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	1539292	179.460	ug/l	100
94) Hexachlorobutadiene	13.368	225	650818	147.340	ug/l	99
95) Naphthalene	13.422	128	5470654	197.038	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	1555245	174.933	ug/l	99

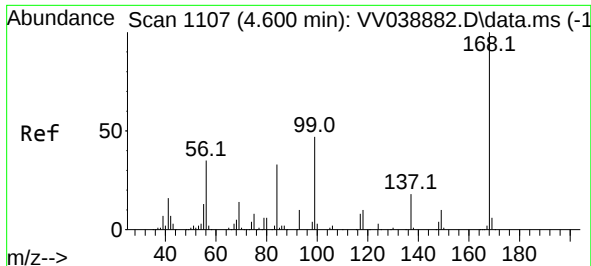
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
Data File : VV038884.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 05:23:13 2025
Response via : Initial Calibration

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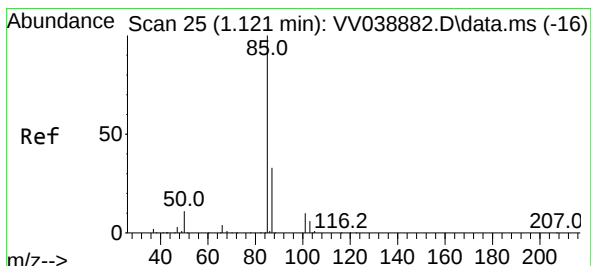
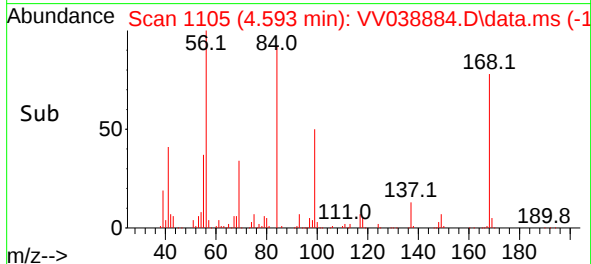
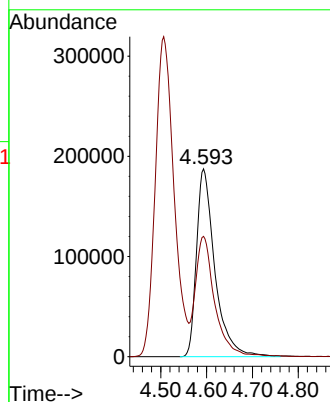
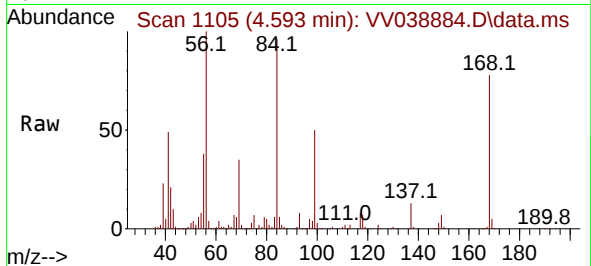
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV038884.D
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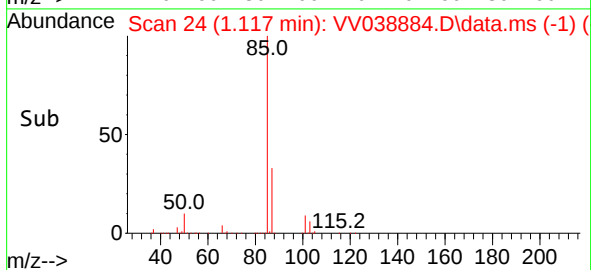
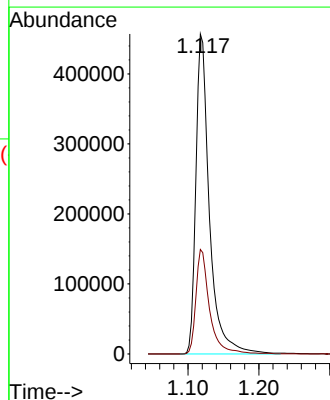
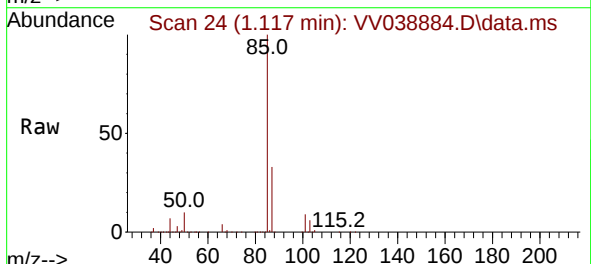
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ClientSampleId :
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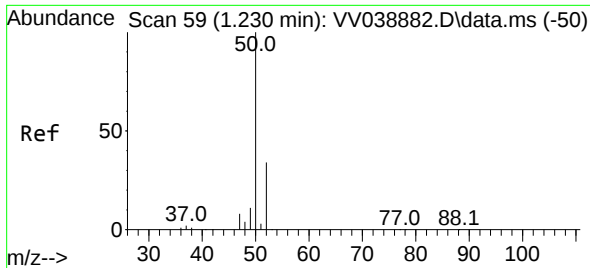
Tgt Ion:168 Resp: 522372
Ion Ratio Lower Upper
168 100
99 63.6 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 132.380 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 85 Resp: 607610
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.8

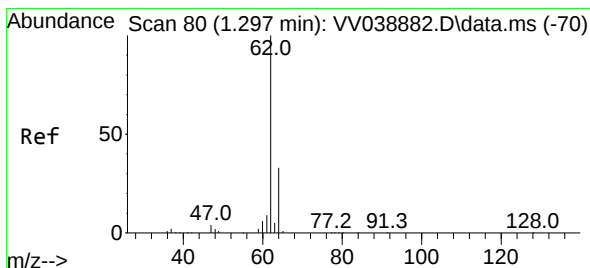
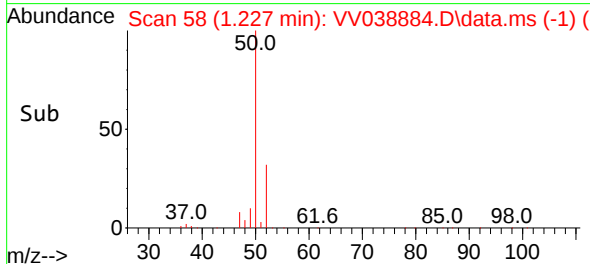
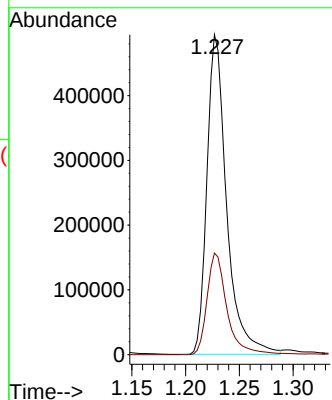
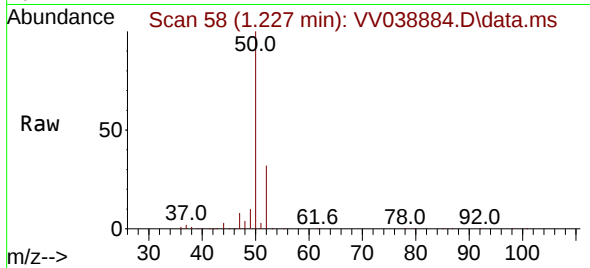




#3
Chloromethane
Concen: 127.218 ug/l
RT: 1.227 min Scan# 59
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

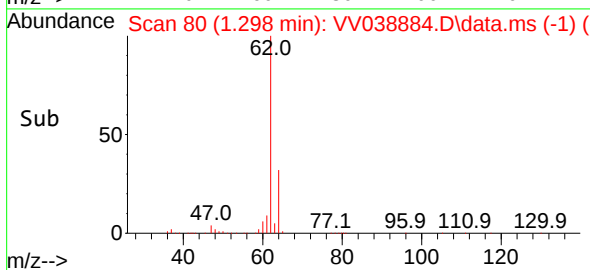
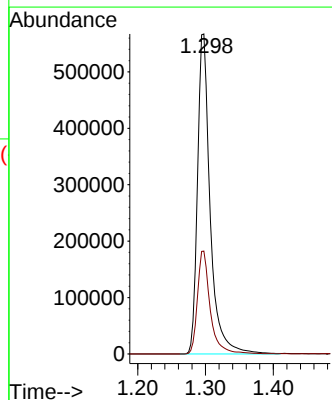
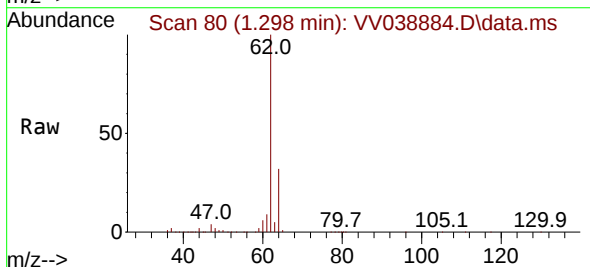
Instrument :
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ClientSampleId :
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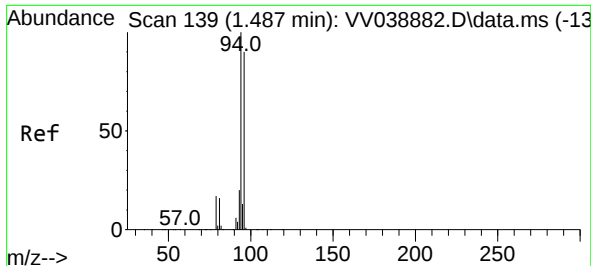
Tgt Ion: 50 Resp: 630548
Ion Ratio Lower Upper
50 100
52 31.8 26.9 40.3



#4
Vinyl Chloride
Concen: 129.843 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 62 Resp: 736577
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2

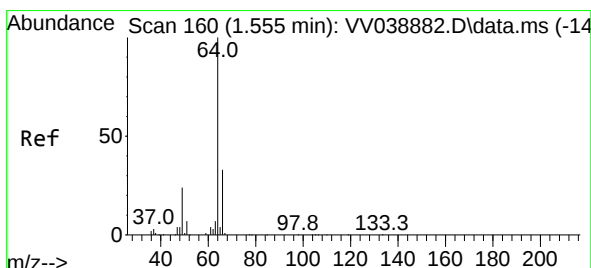
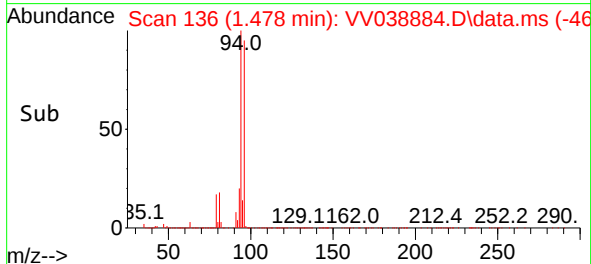
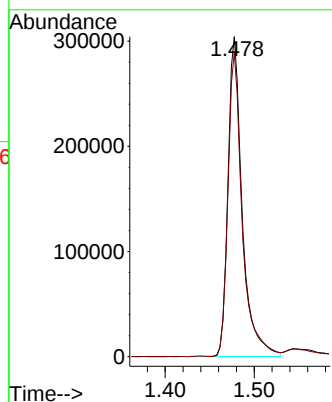
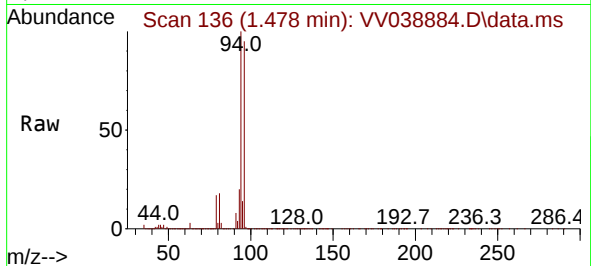




#5
Bromomethane
Concen: 83.307 ug/l
RT: 1.478 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

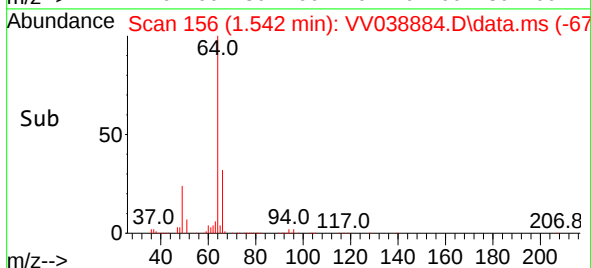
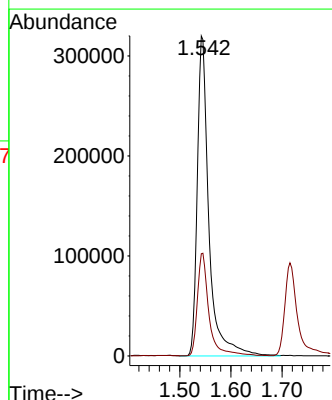
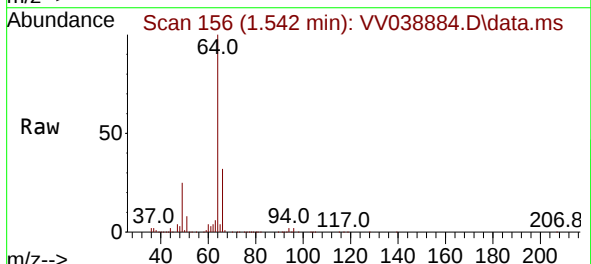
Instrument :
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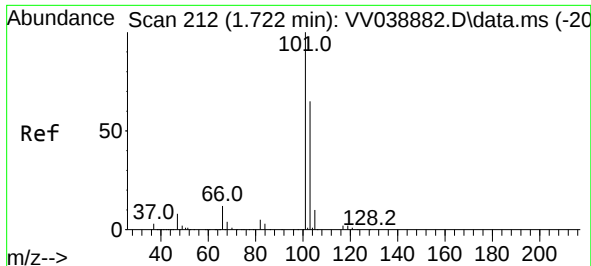
Tgt Ion: 94 Resp: 338829
Ion Ratio Lower Upper
94 100
96 95.1 71.9 107.9



#6
Chloroethane
Concen: 133.298 ug/l
RT: 1.542 min Scan# 156
Delta R.T. -0.013 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 64 Resp: 505428
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2

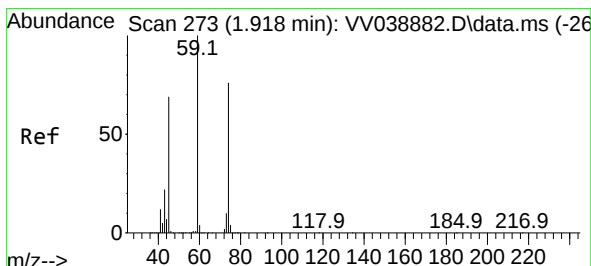
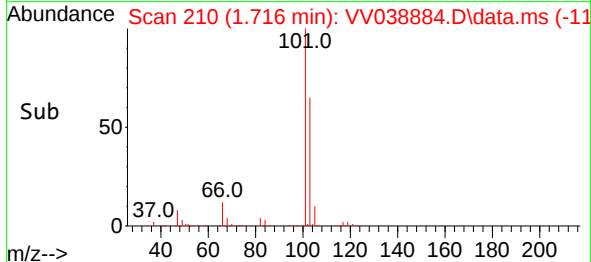
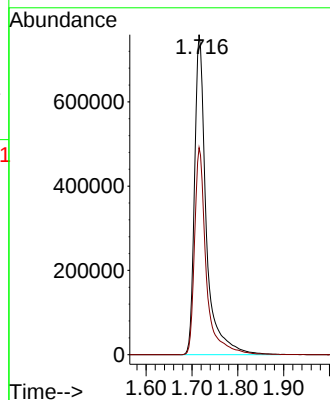
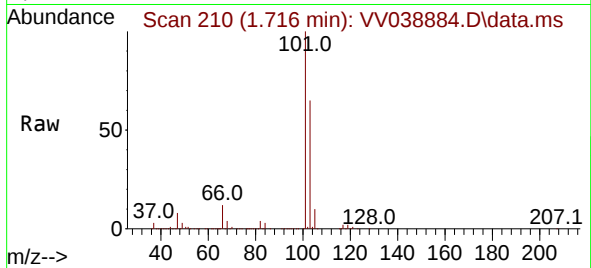




#7
 Trichlorofluoromethane
 Concen: 134.085 ug/l
 RT: 1.716 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

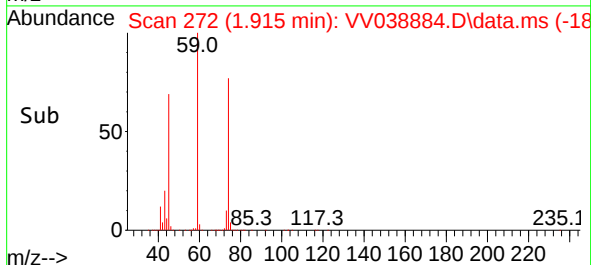
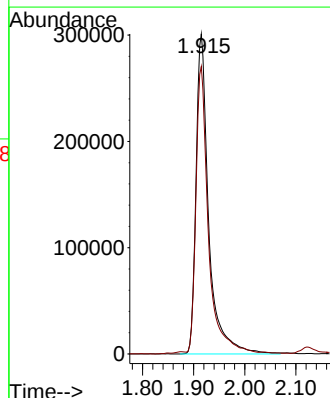
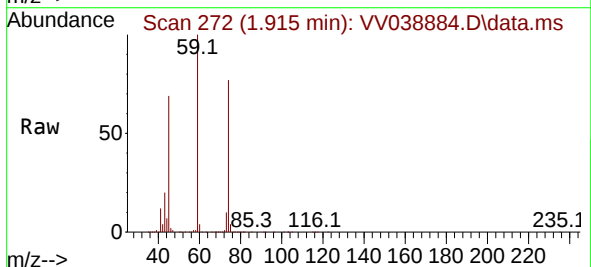
Instrument :
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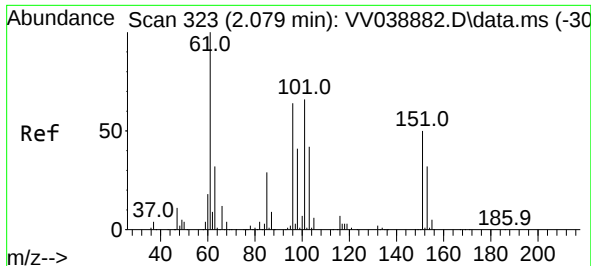
Tgt Ion:101 Resp: 1345836
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 143.839 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.003 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

Tgt Ion: 74 Resp: 519186
 Ion Ratio Lower Upper
 74 100
 45 86.3 45.5 136.5

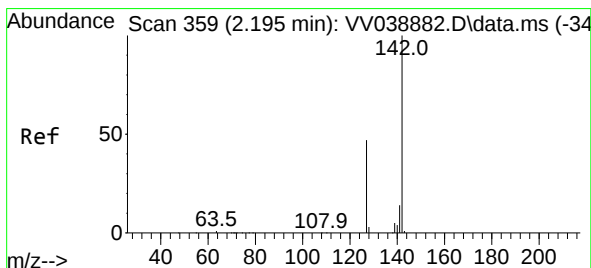
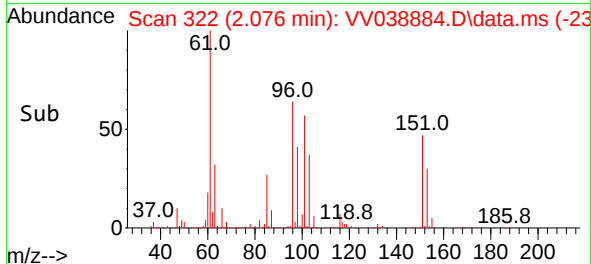
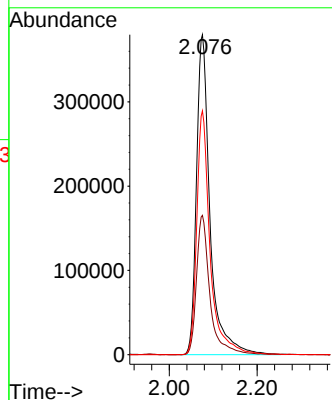
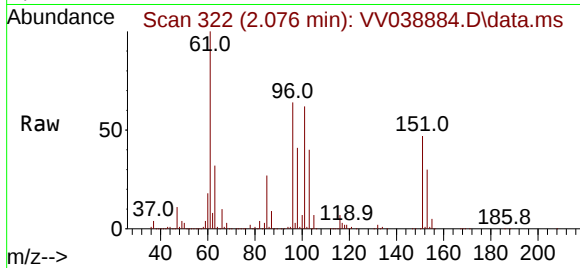




#9
1,1,2-Trichlorotrifluoroethane
Concen: 135.722 ug/l
RT: 2.076 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

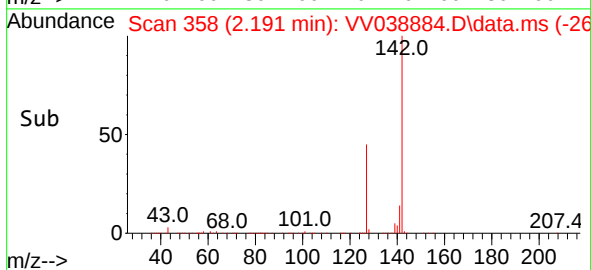
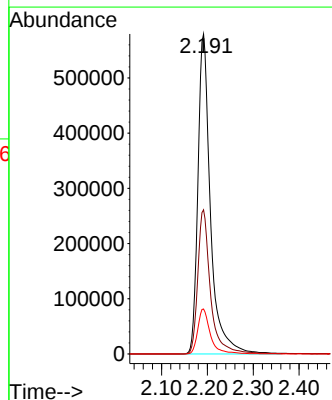
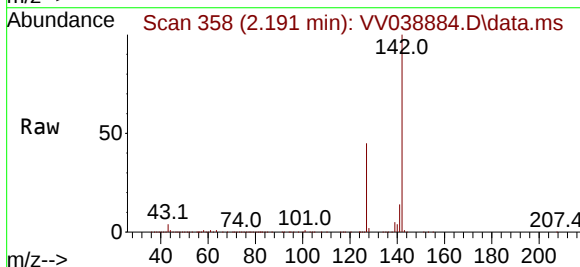
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

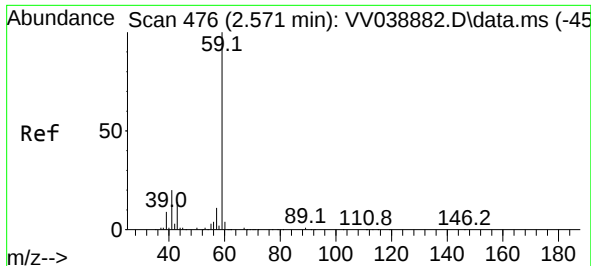
Tgt Ion:101 Resp: 814556
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.6
151 75.1 60.1 90.1



#10
Methyl Iodide
Concen: 160.430 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:142 Resp: 1105412
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 14.1 11.2 16.8

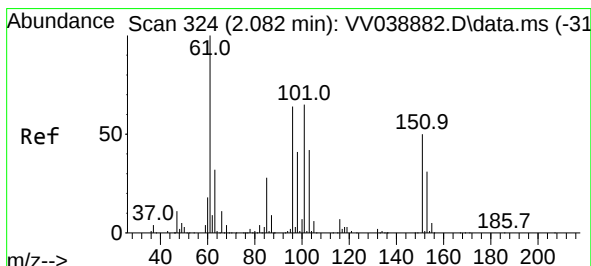
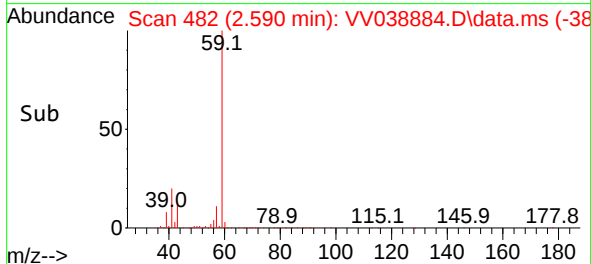
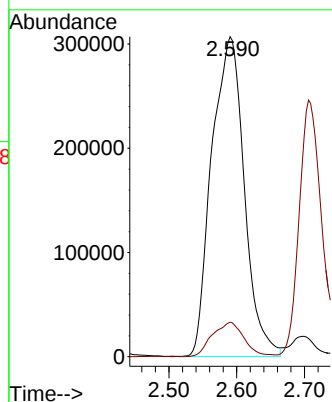
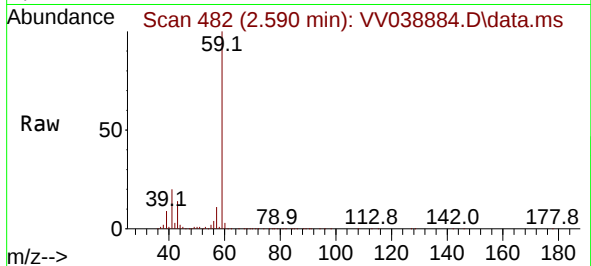




#11
Tert butyl alcohol
Concen: 695.727 ug/l
RT: 2.590 min Scan# 411
Delta R.T. 0.019 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

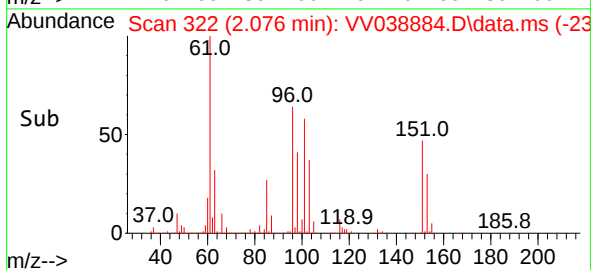
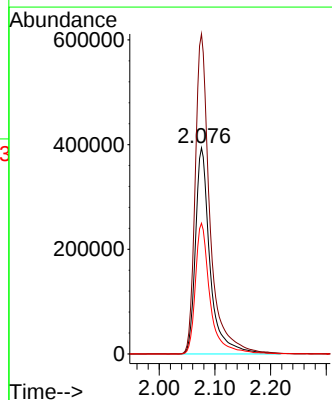
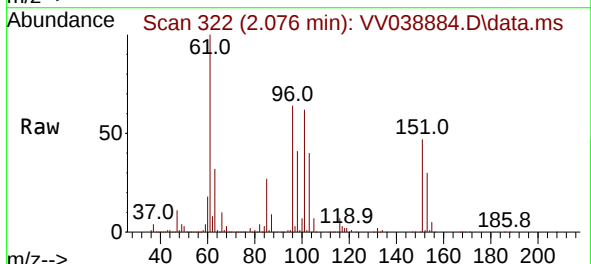
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

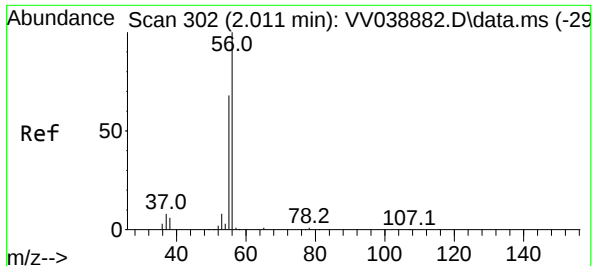
Tgt Ion: 59 Resp: 1022309
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 131.238 ug/l
RT: 2.076 min Scan# 322
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 96 Resp: 717685
Ion Ratio Lower Upper
96 100
61 155.3 124.1 186.1
98 63.5 50.6 75.8

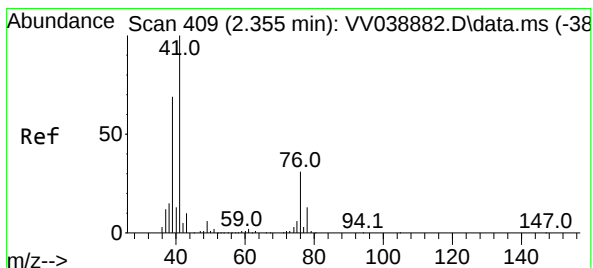
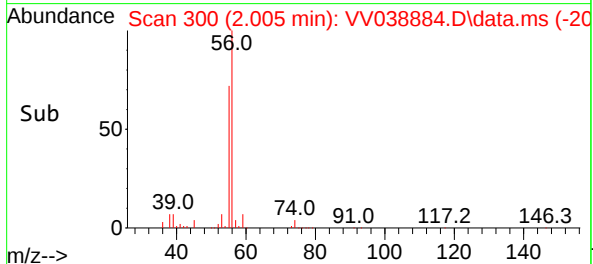
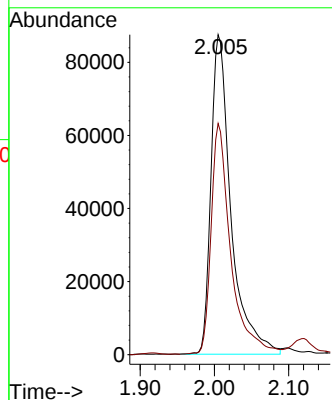
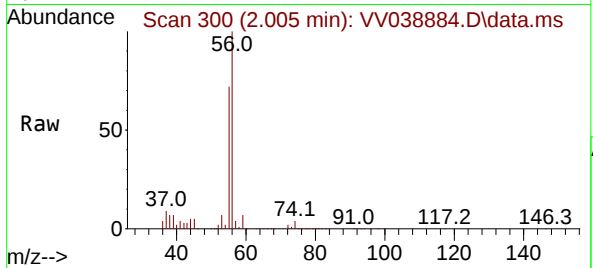




#13
Acrolein
Concen: 768.687 ug/l
RT: 2.005 min Scan# 30
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

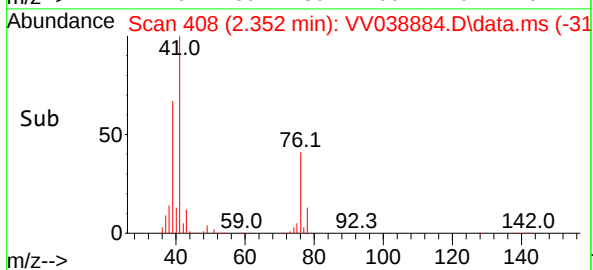
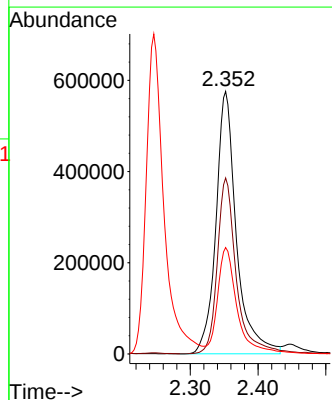
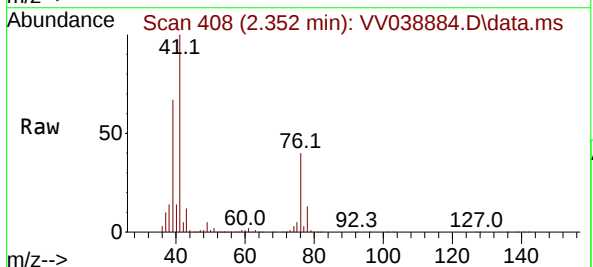
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

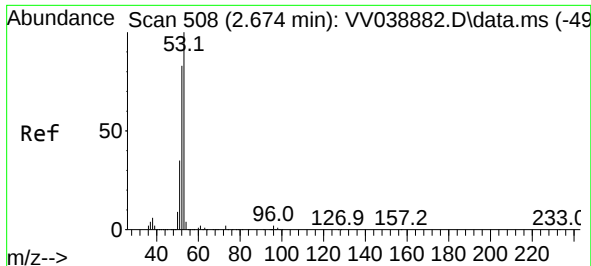
Tgt Ion: 56 Resp: 163343
Ion Ratio Lower Upper
56 100
55 70.5 56.7 85.1



#14
Allyl chloride
Concen: 138.982 ug/l
RT: 2.352 min Scan# 408
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 41 Resp: 1210847
Ion Ratio Lower Upper
41 100
39 62.9 50.6 76.0
76 38.8 30.4 45.6

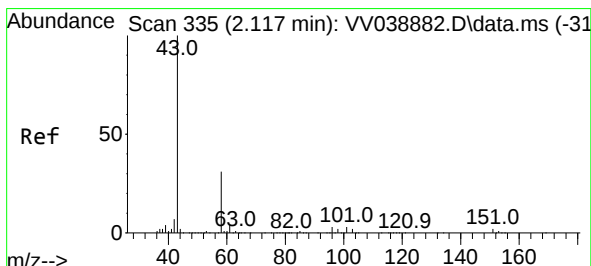
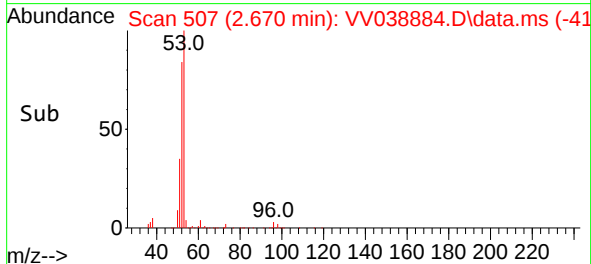
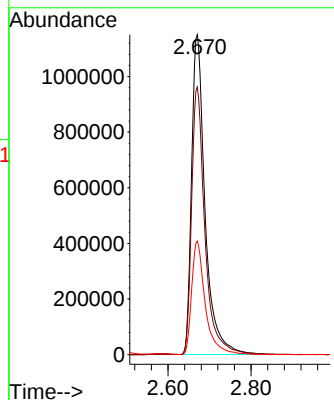
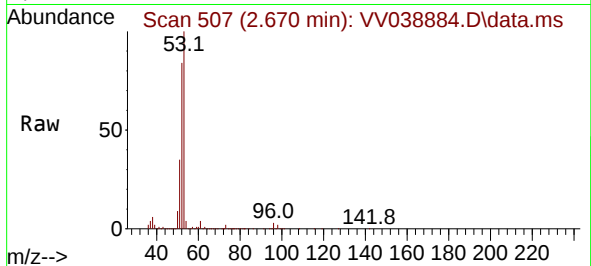




#15
Acrylonitrile
Concen: 689.517 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

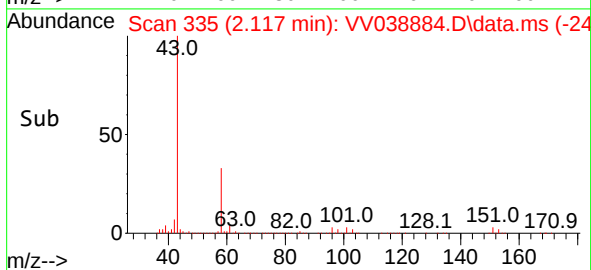
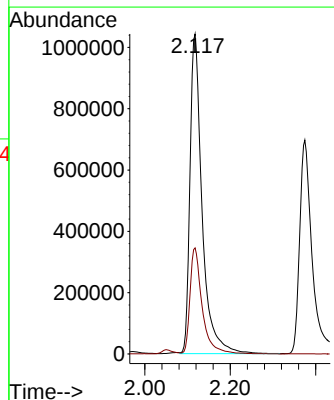
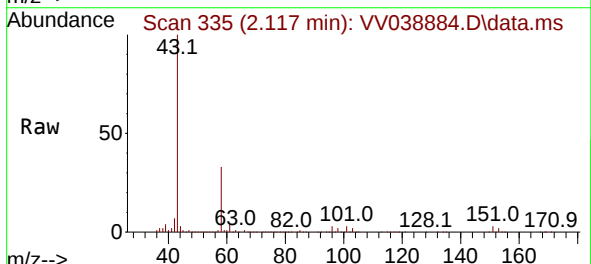
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

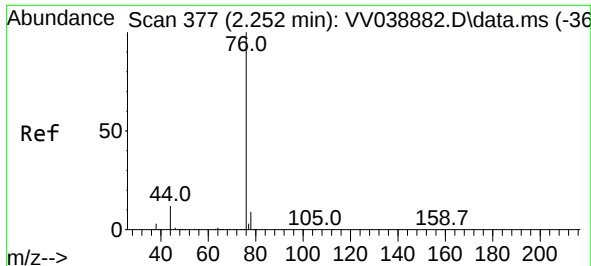
Tgt Ion: 53 Resp: 2592750
Ion Ratio Lower Upper
53 100
52 82.3 66.6 99.8
51 35.6 28.7 43.1



#16
Acetone
Concen: 741.921 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 43 Resp: 2049068
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6

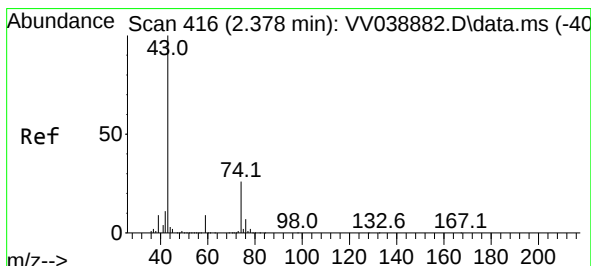
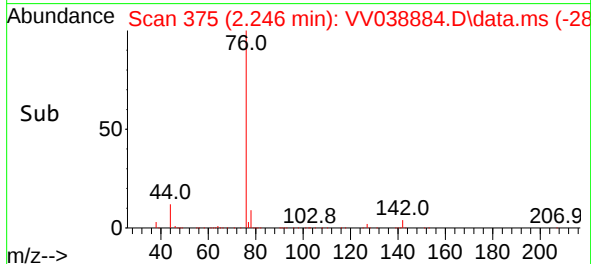
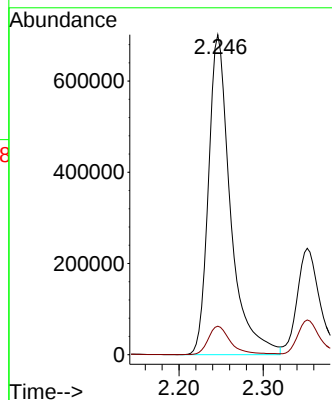
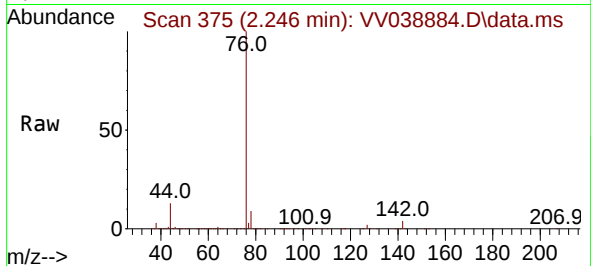




#17
Carbon Disulfide
Concen: 111.784 ug/l
RT: 2.246 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

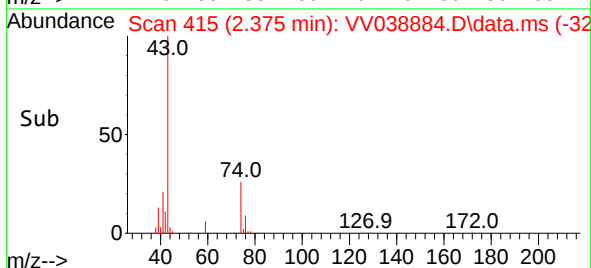
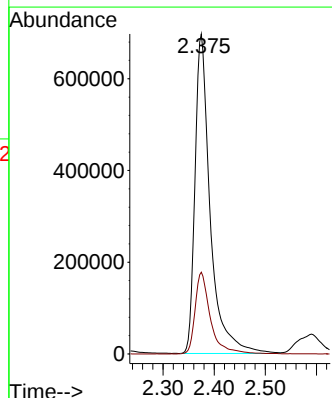
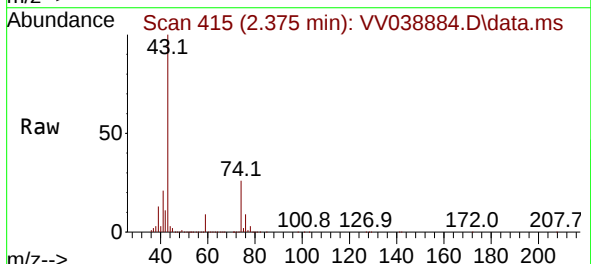
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

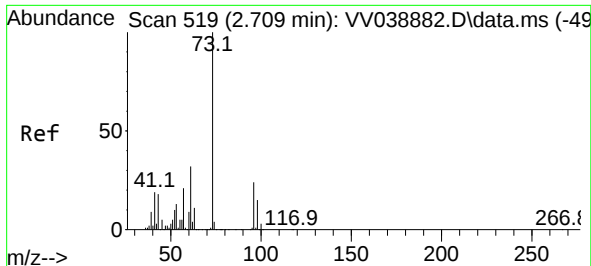
Tgt Ion: 76 Resp: 1275423
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 154.079 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 43 Resp: 1439774
Ion Ratio Lower Upper
43 100
74 25.8 21.1 31.7

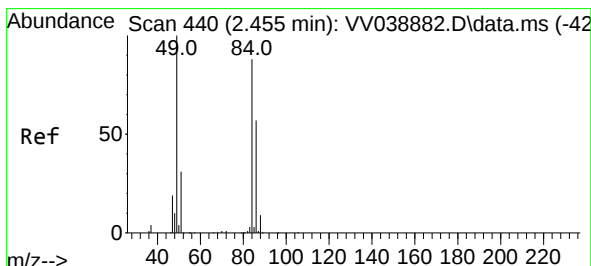
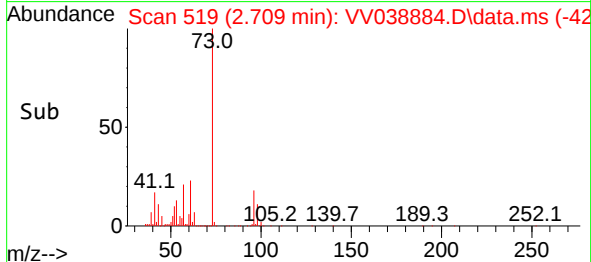
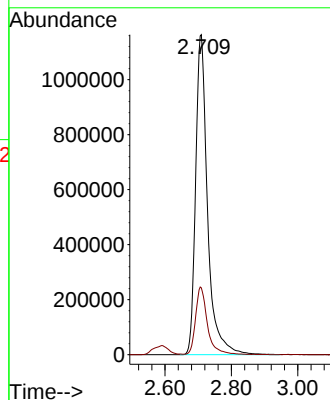
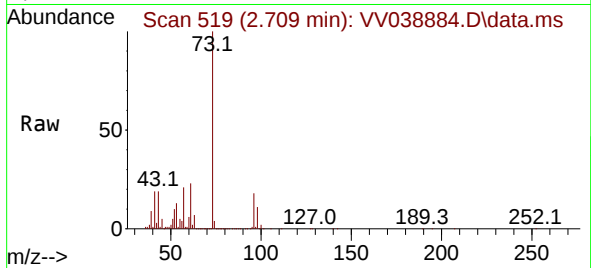




#19
Methyl tert-butyl Ether
Concen: 141.442 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

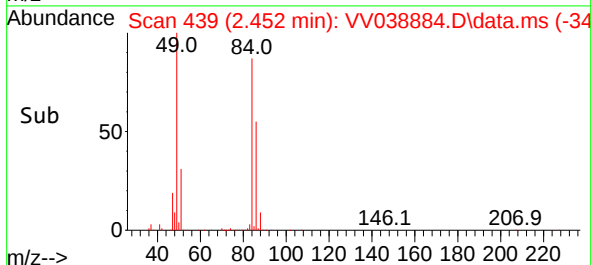
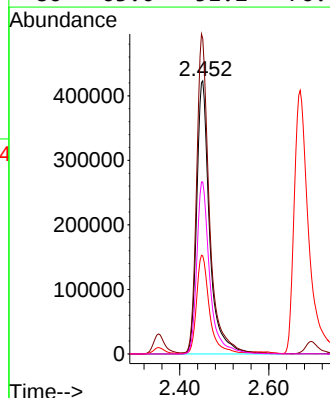
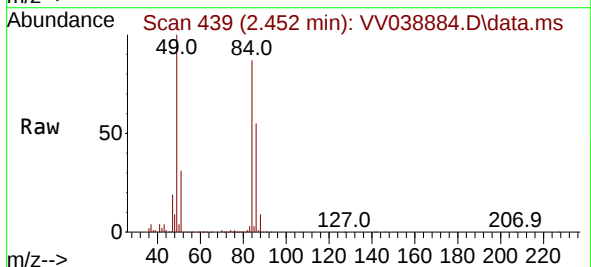
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

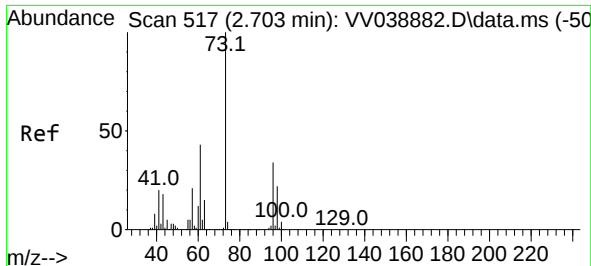
Tgt Ion: 73 Resp: 2900096
Ion Ratio Lower Upper
73 100
57 20.9 16.5 24.7



#20
Methylene Chloride
Concen: 122.328 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 84 Resp: 857099
Ion Ratio Lower Upper
84 100
49 115.3 90.5 135.7
51 35.7 27.8 41.6
86 63.0 51.2 76.8

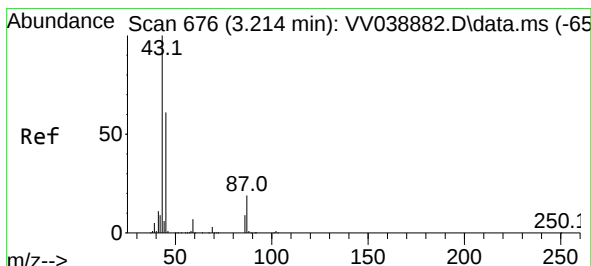
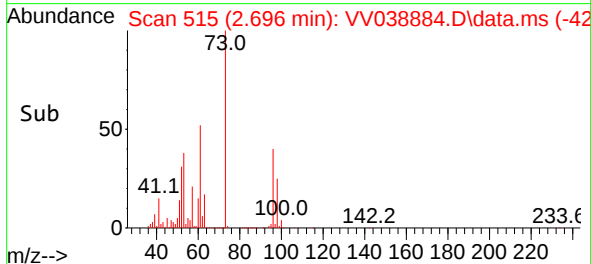
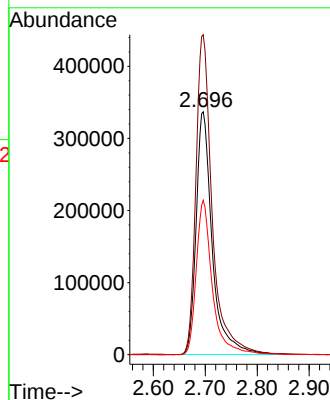
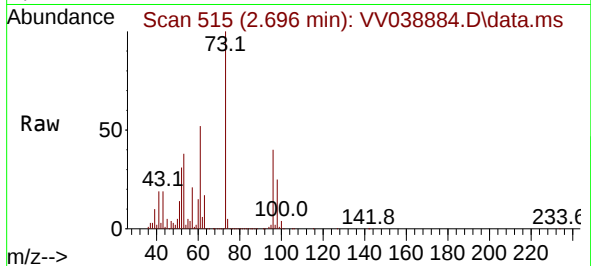




#21
trans-1,2-Dichloroethene
Concen: 124.992 ug/l
RT: 2.696 min Scan# 517
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

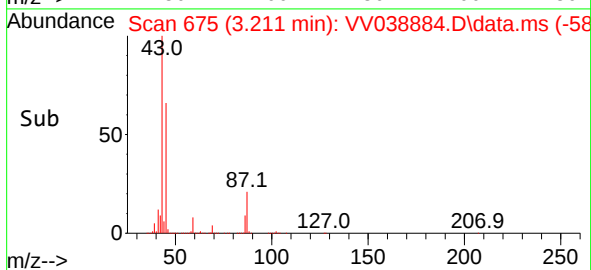
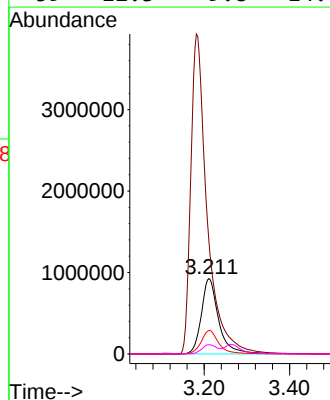
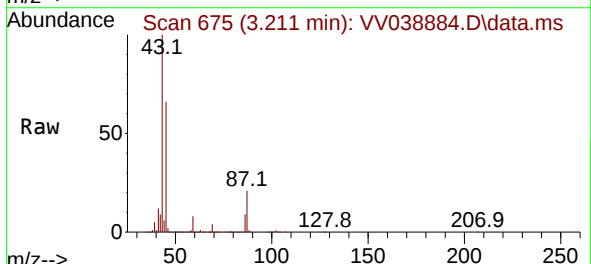
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

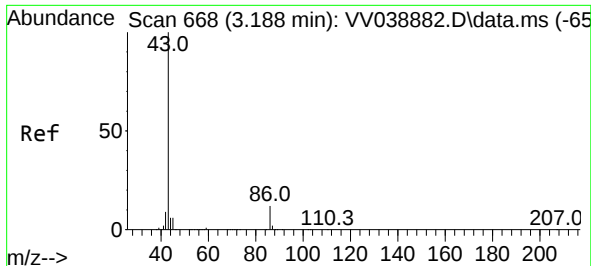
Tgt Ion: 96 Resp: 727277
Ion Ratio Lower Upper
96 100
61 131.8 102.0 153.0
98 63.6 51.0 76.6



#22
Diisopropyl ether
Concen: 149.303 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 45 Resp: 2599103
Ion Ratio Lower Upper
45 100
43 150.7 132.1 198.1
87 30.8 25.0 37.4
59 12.3 9.8 14.8

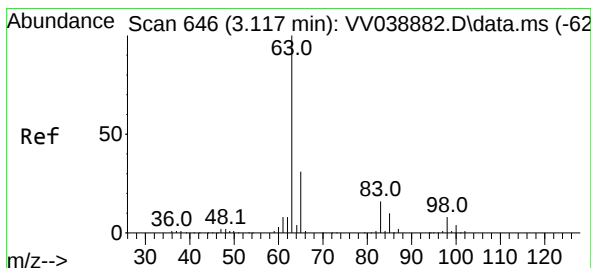
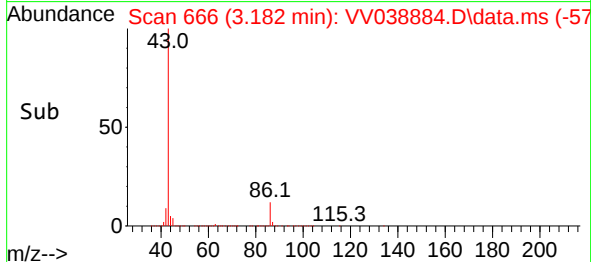
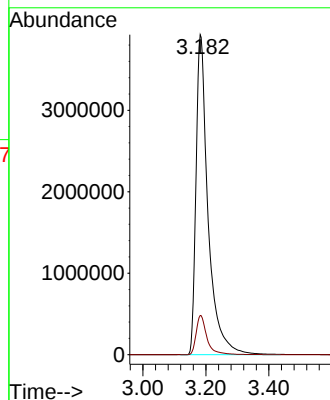
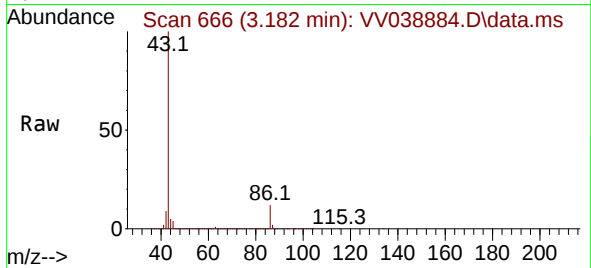




#23
 Vinyl Acetate
 Concen: 766.027 ug/l
 RT: 3.182 min Scan# 604
 Delta R.T. -0.006 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

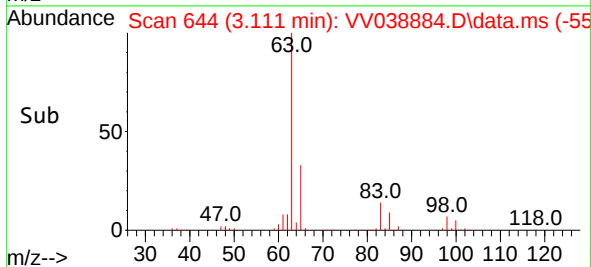
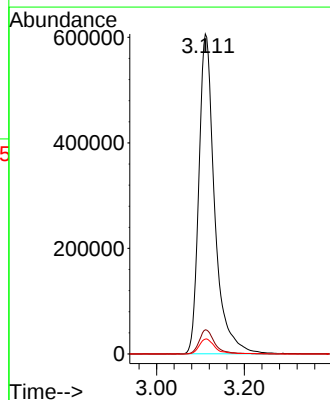
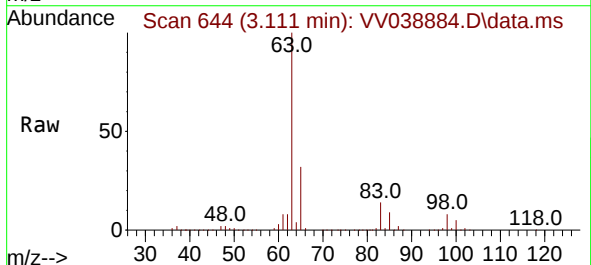
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

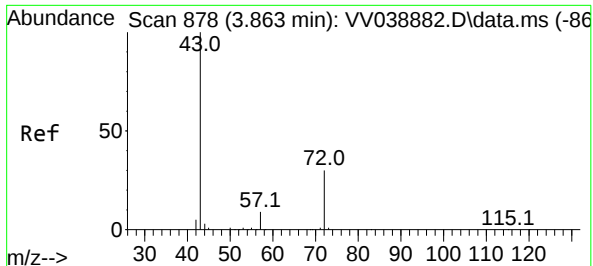
Tgt Ion: 43 Resp:10456064
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 132.442 ug/l
 RT: 3.111 min Scan# 644
 Delta R.T. -0.006 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

Tgt Ion: 63 Resp: 1509930
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.7 2.2 6.6

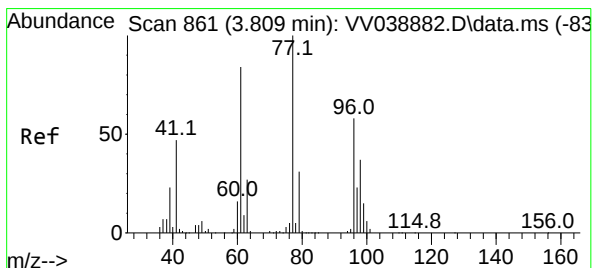
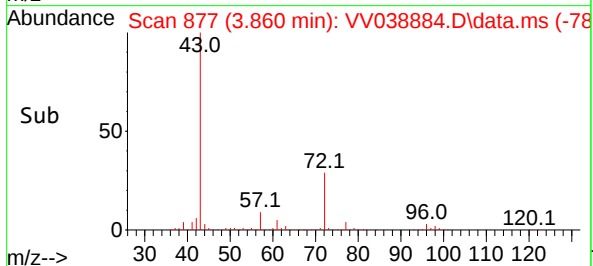
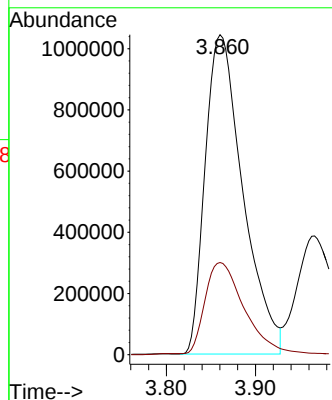
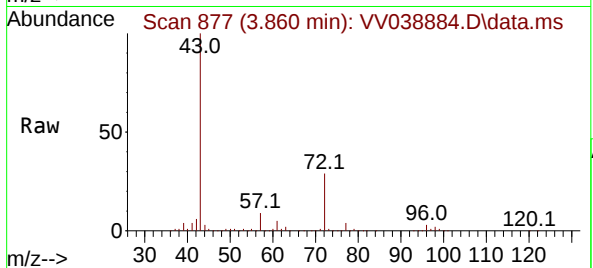




#25
2-Butanone
Concen: 817.830 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

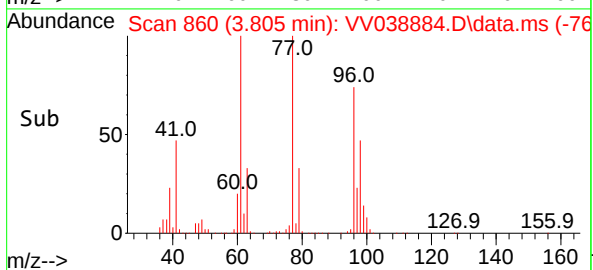
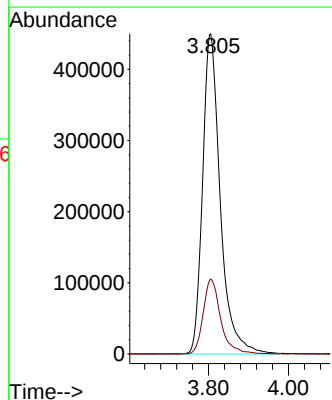
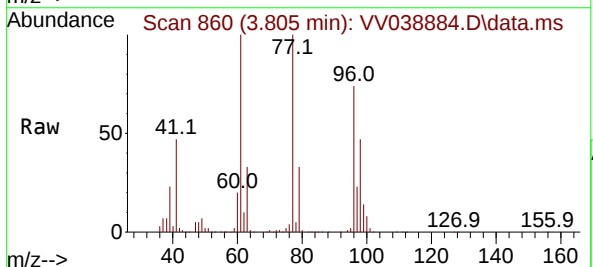
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

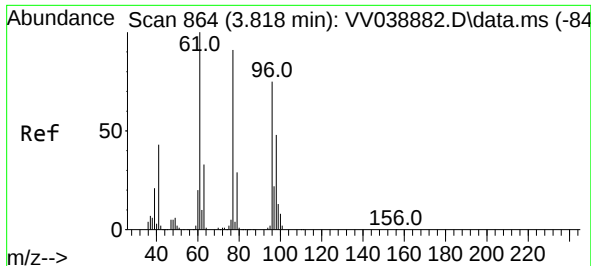
Tgt Ion: 43 Resp: 3077243
Ion Ratio Lower Upper
43 100
72 28.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 138.774 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 77 Resp: 1385177
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 144.055 ug/l

RT: 3.812 min Scan# 862

Delta R.T. -0.006 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC150

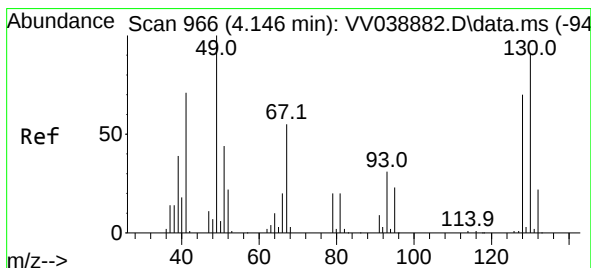
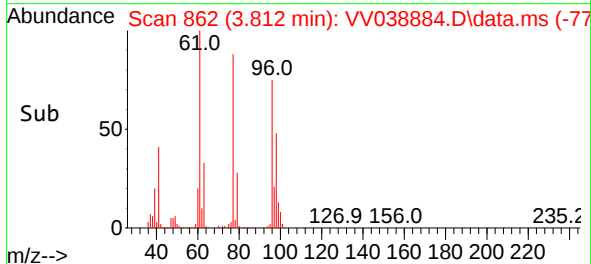
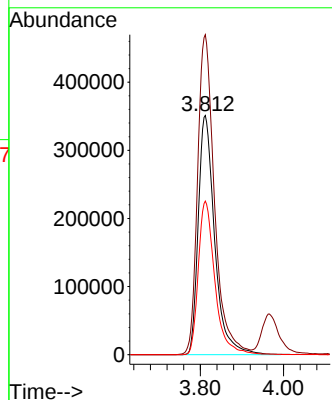
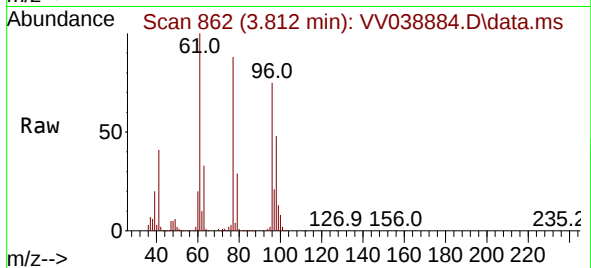
Tgt Ion: 96 Resp: 964605

Ion Ratio Lower Upper

96 100

61 137.6 0.0 275.0

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 147.312 ug/l

RT: 4.140 min Scan# 964

Delta R.T. -0.006 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

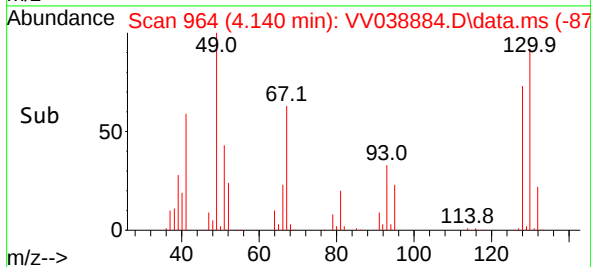
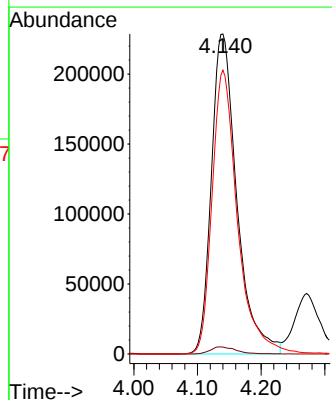
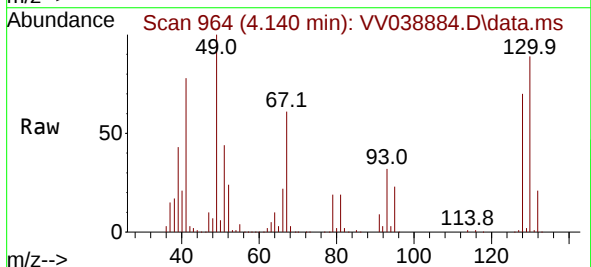
Tgt Ion: 49 Resp: 637626

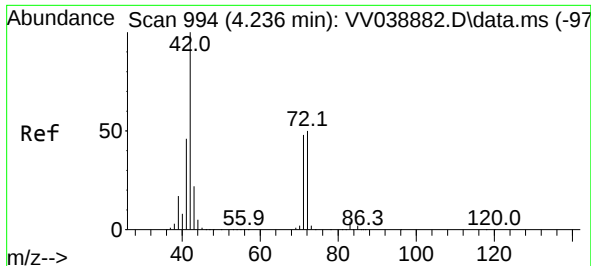
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

130 88.2 70.1 105.1

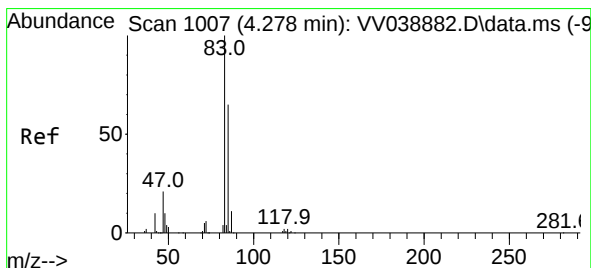
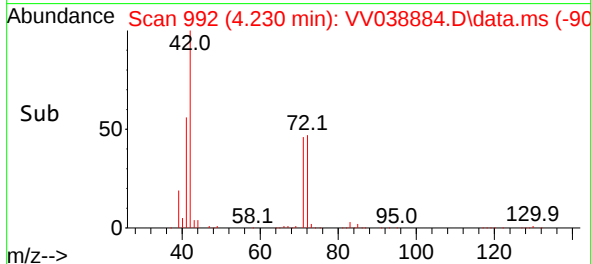
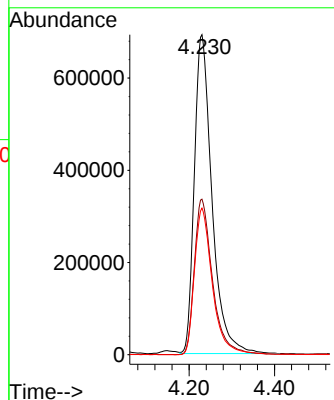
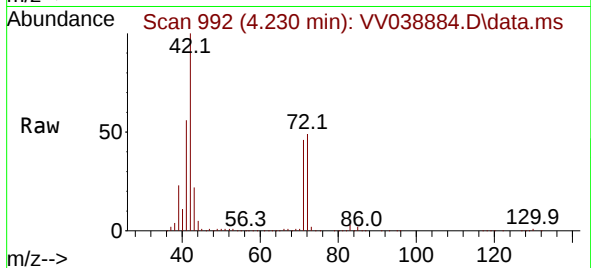




#29
Tetrahydrofuran
Concen: 760.529 ug/l
RT: 4.230 min Scan# 994
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

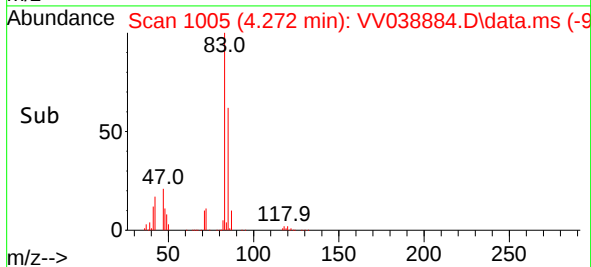
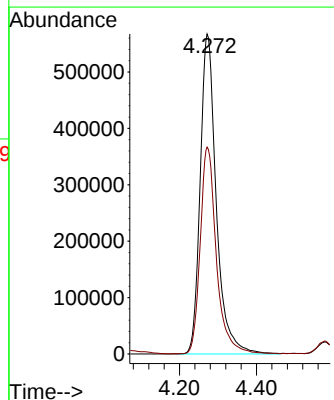
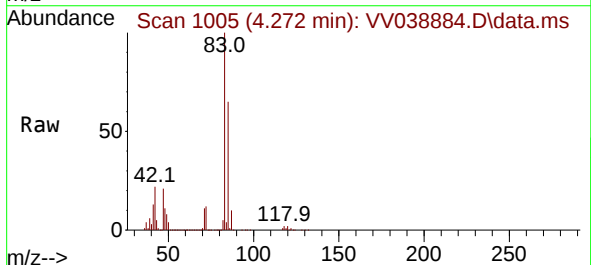
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

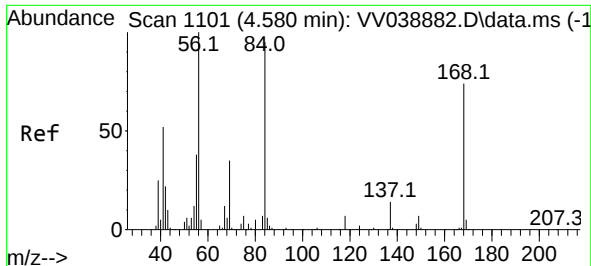
Tgt Ion: 42 Resp: 1988480
Ion Ratio Lower Upper
42 100
72 50.3 41.6 62.4
71 46.7 38.4 57.6



#30
Chloroform
Concen: 130.942 ug/l
RT: 4.272 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 83 Resp: 1645815
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4

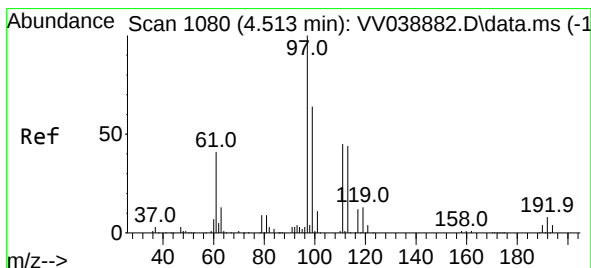
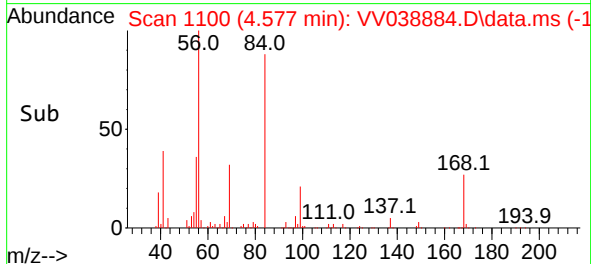
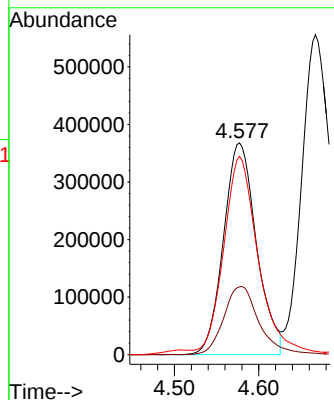
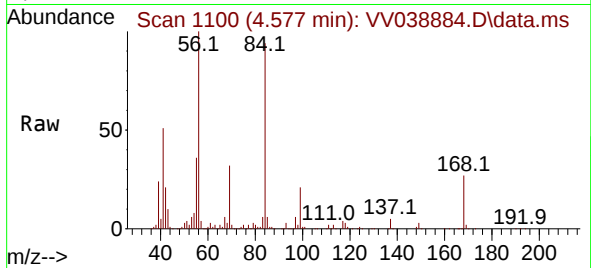




#31
Cyclohexane
Concen: 133.941 ug/l
RT: 4.577 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

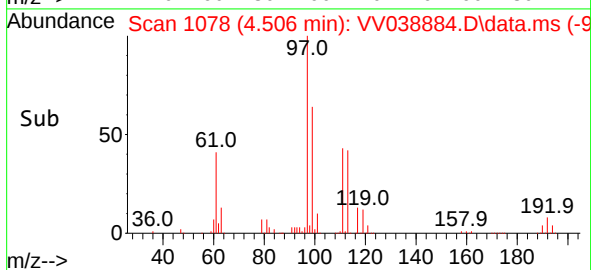
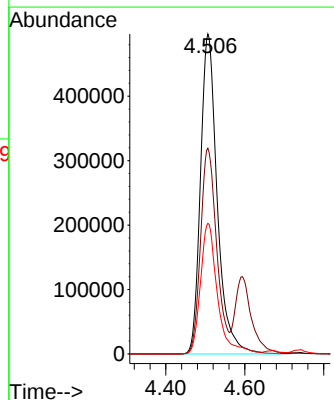
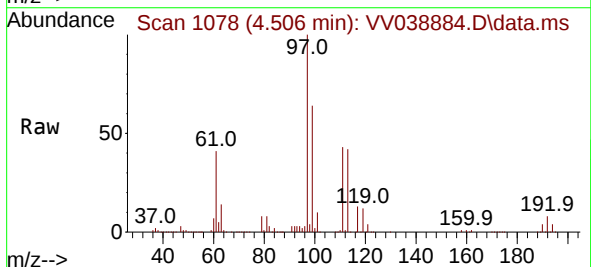
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

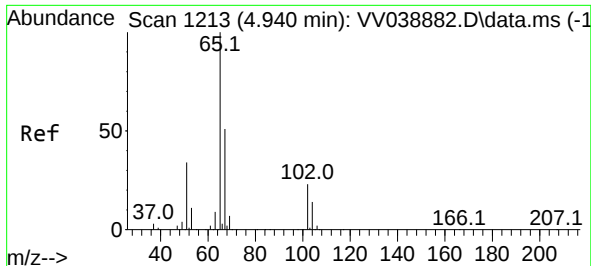
Tgt Ion: 56 Resp: 1002286
Ion Ratio Lower Upper
56 100
69 32.0 28.2 42.2
84 91.3 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 133.429 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 97 Resp: 1463275
Ion Ratio Lower Upper
97 100
99 61.7 50.1 75.1
61 41.4 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 126.375 ug/l

RT: 4.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

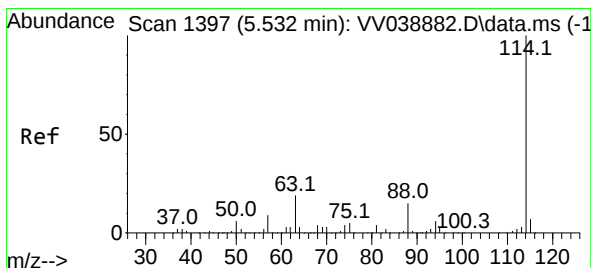
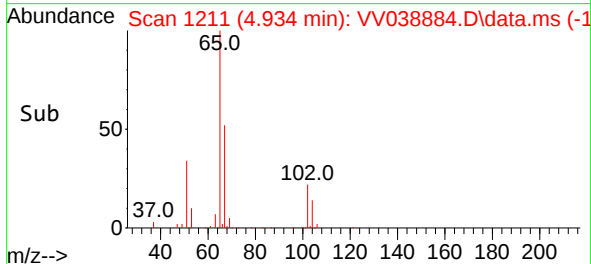
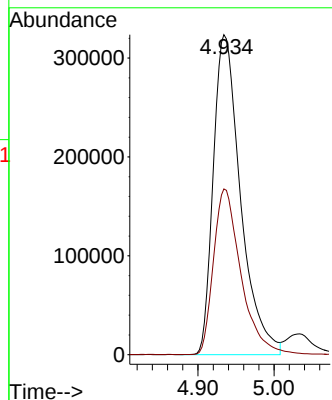
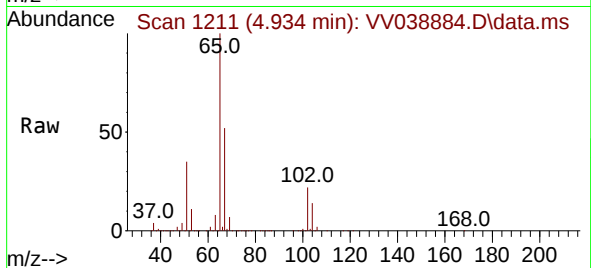
VSTDIC150

Tgt Ion: 65 Resp: 806589

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

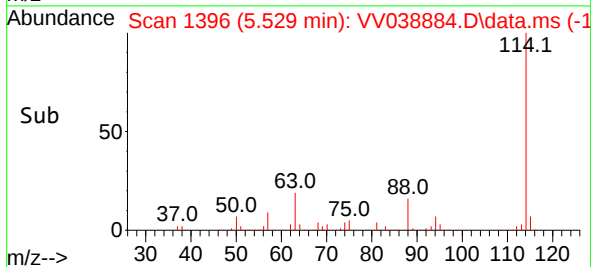
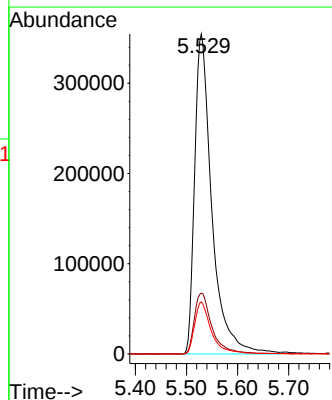
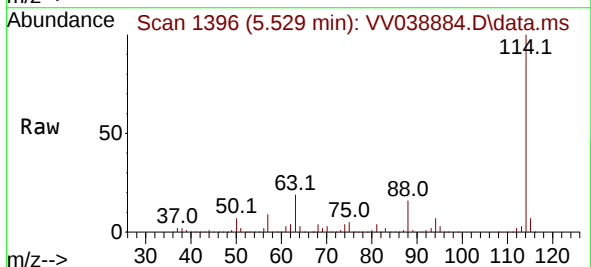
Tgt Ion: 114 Resp: 829660

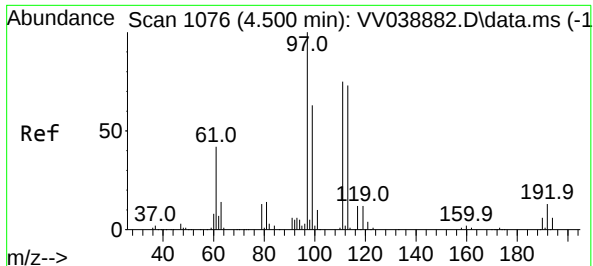
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

88 16.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 131.803 ug/l

RT: 4.494 min Scan# 110

Delta R.T. -0.006 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

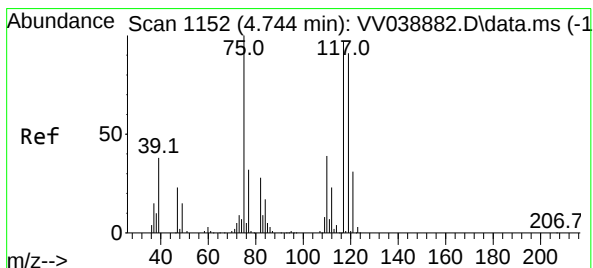
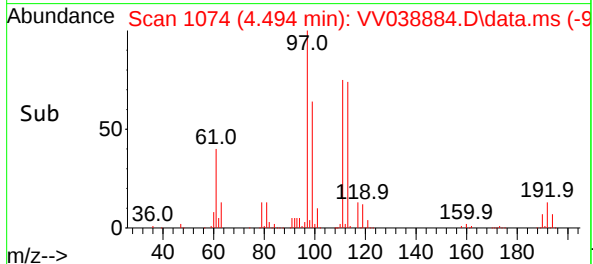
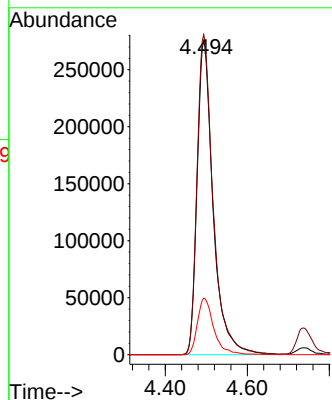
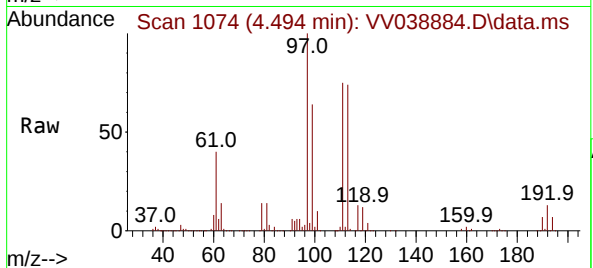
Tgt Ion:113 Resp: 745561

Ion Ratio Lower Upper

113 100

111 102.8 83.3 124.9

192 18.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 144.603 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. -0.006 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

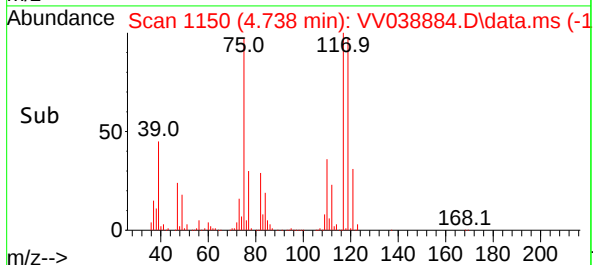
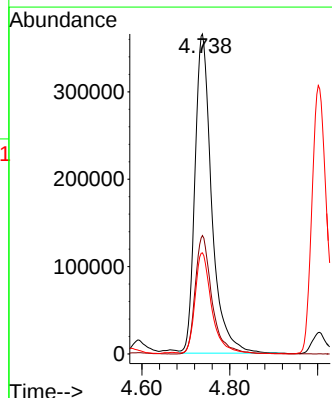
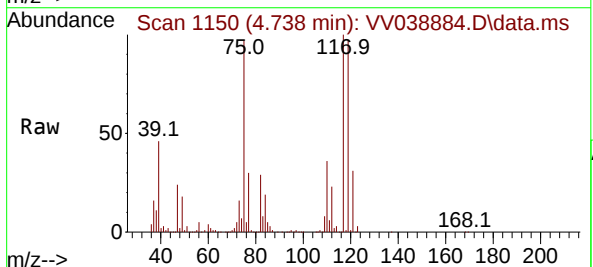
Tgt Ion: 75 Resp: 968548

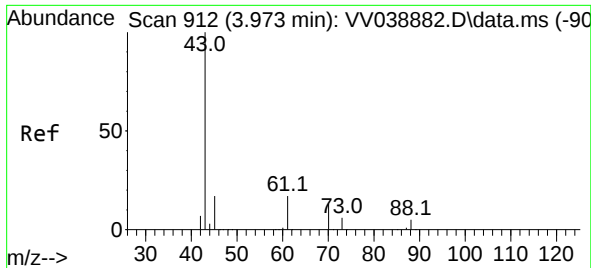
Ion Ratio Lower Upper

75 100

110 37.1 18.8 56.3

77 31.0 24.2 36.4



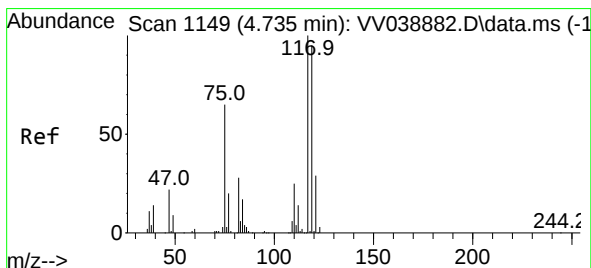
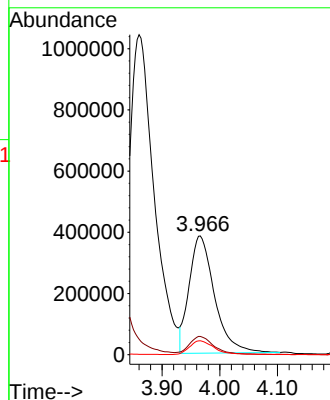
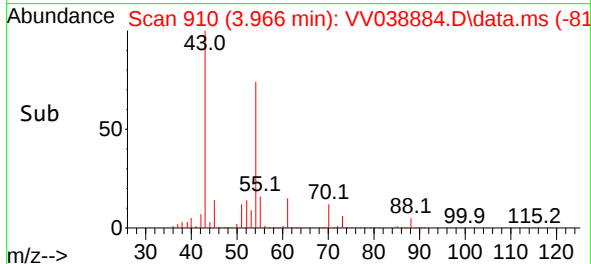
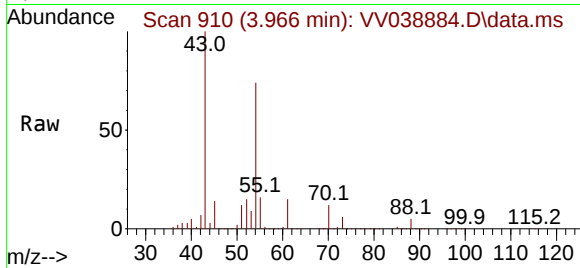


#37
Ethyl Acetate
Concen: 130.078 ug/l
RT: 3.966 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1170207

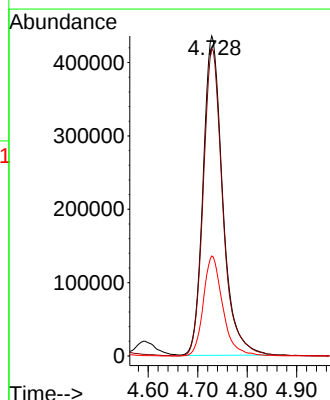
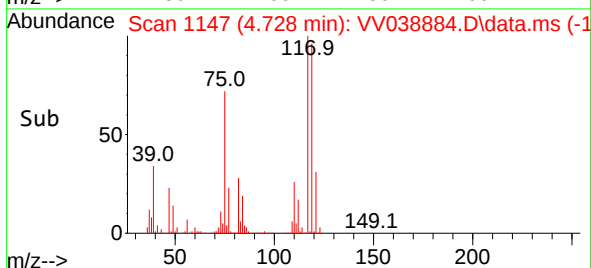
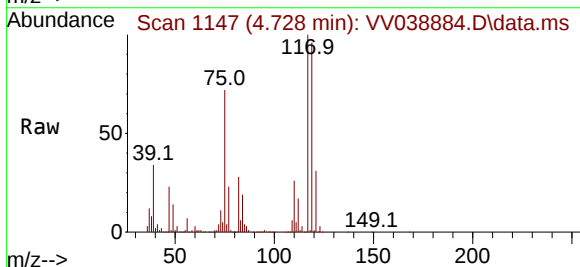
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	11.3	8.9	13.3

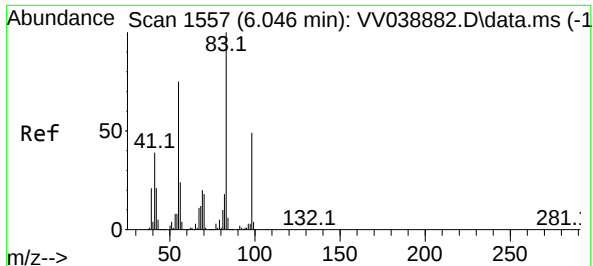


#38
Carbon Tetrachloride
Concen: 143.028 ug/l
RT: 4.728 min Scan# 1147
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 117 Resp: 1197501

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
121	31.3	23.1	34.7





#39

Methylcyclohexane

Concen: 155.691 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

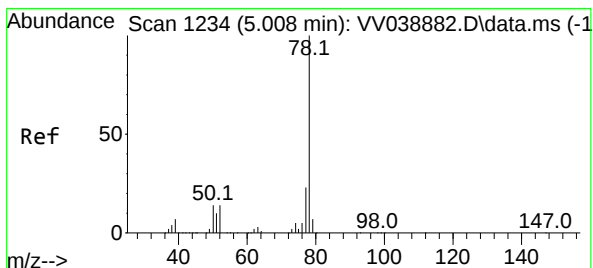
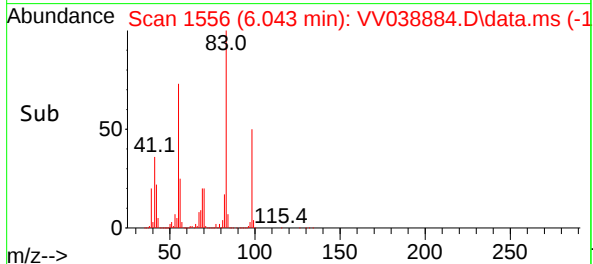
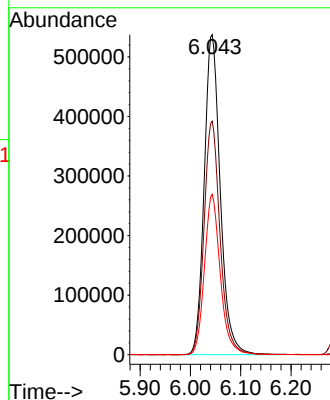
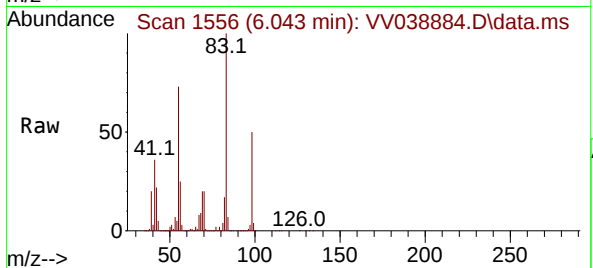
Tgt Ion: 83 Resp: 1194245

Ion Ratio Lower Upper

83 100

55 72.9 60.0 90.0

98 50.1 39.0 58.6



#40

Benzene

Concen: 143.381 ug/l

RT: 5.002 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VV038884.D

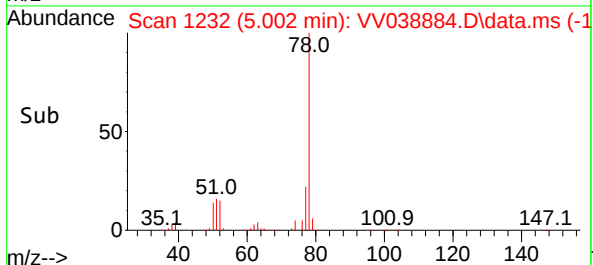
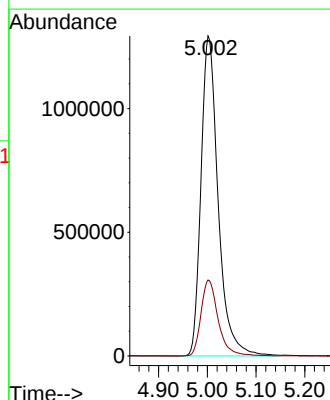
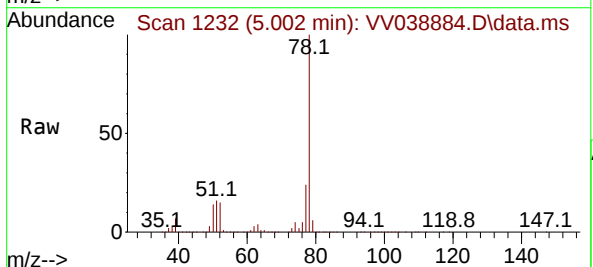
Acq: 11 Jul 2025 10:43

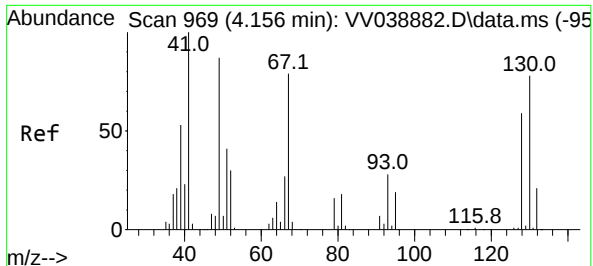
Tgt Ion: 78 Resp: 3159832

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

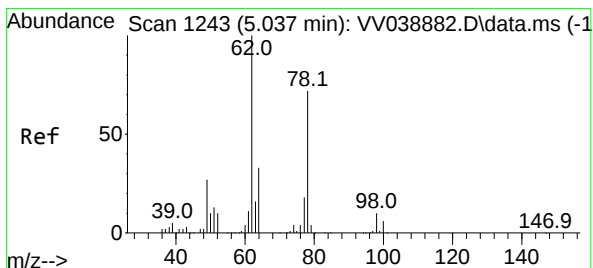
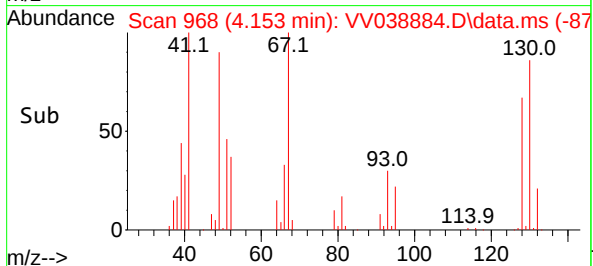
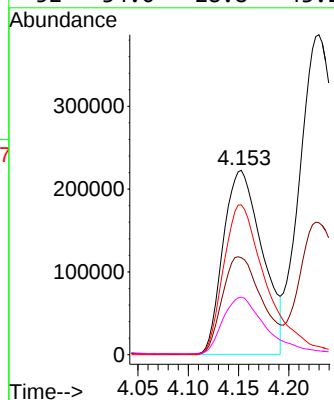
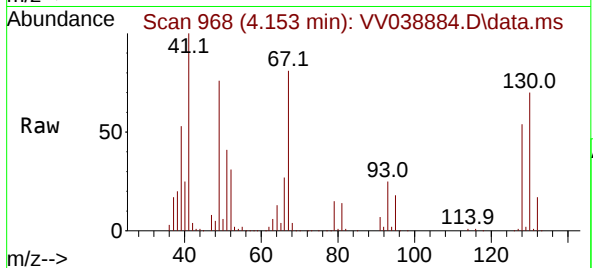




#41
Methacrylonitrile
Concen: 194.210 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

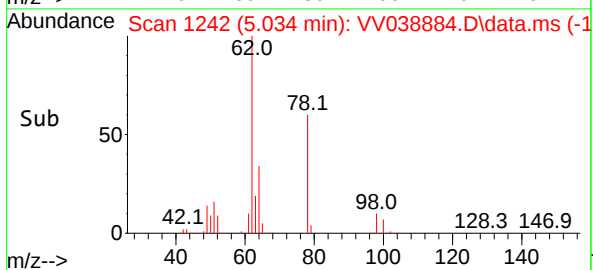
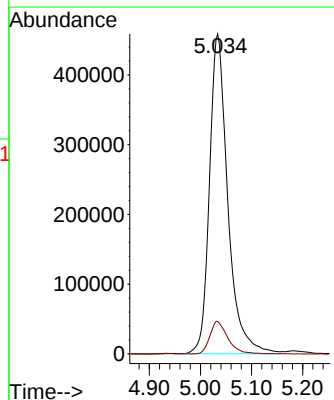
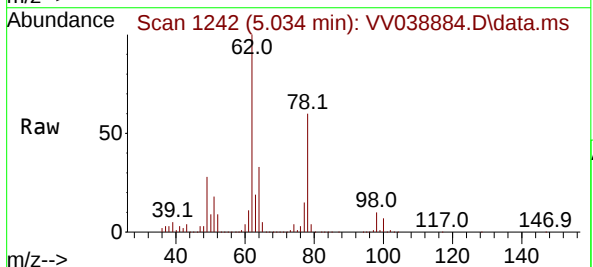
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

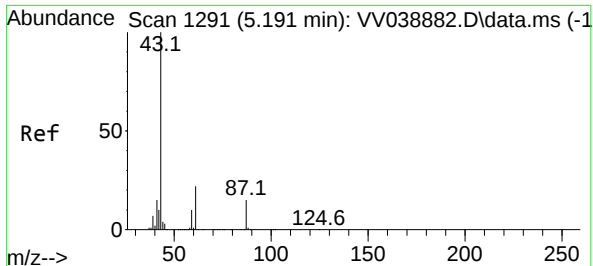
Tgt Ion: 41 Resp: 601432
Ion Ratio Lower Upper
41 100
39 54.5 42.0 63.0
67 90.4 76.2 114.2
52 34.0 28.8 43.2



#42
1,2-Dichloroethane
Concen: 136.191 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 62 Resp: 1144026
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.8

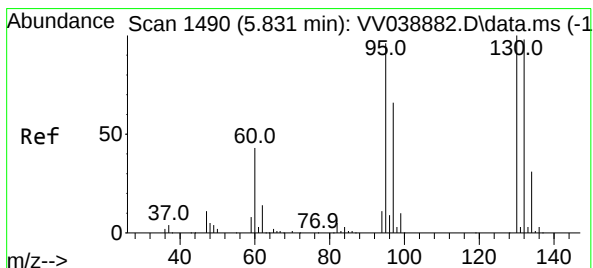
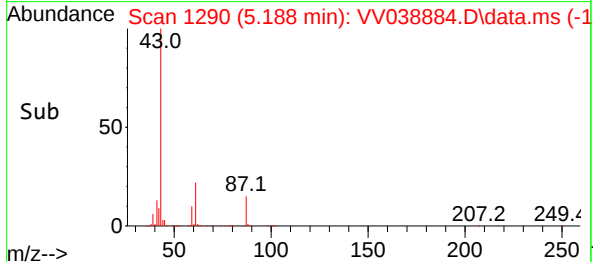
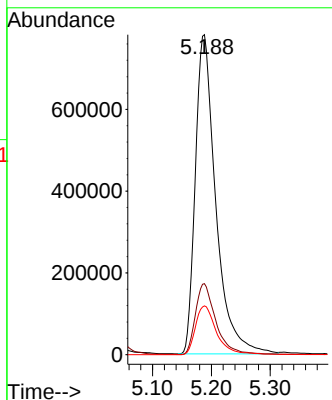
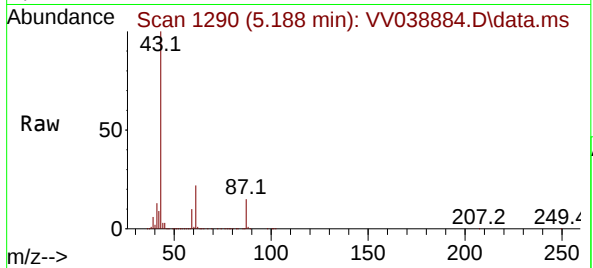




#43
Isopropyl Acetate
Concen: 164.093 ug/l
RT: 5.188 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

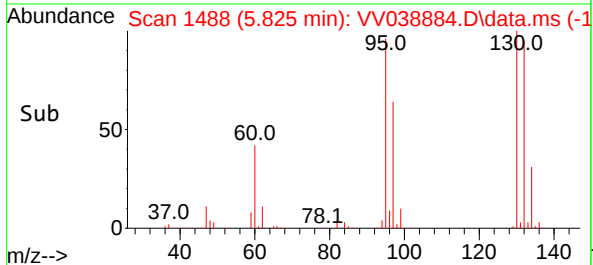
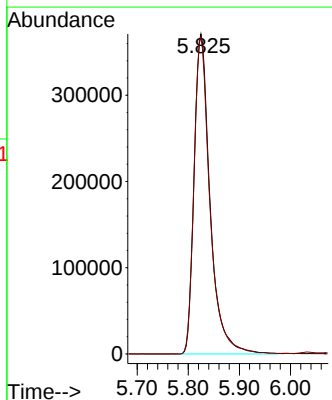
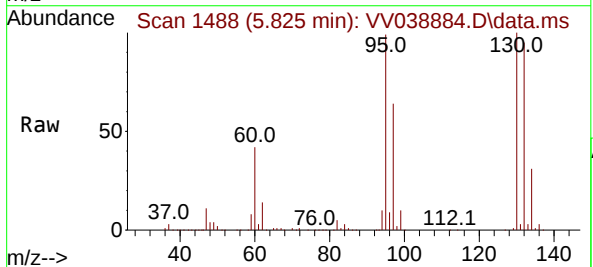
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

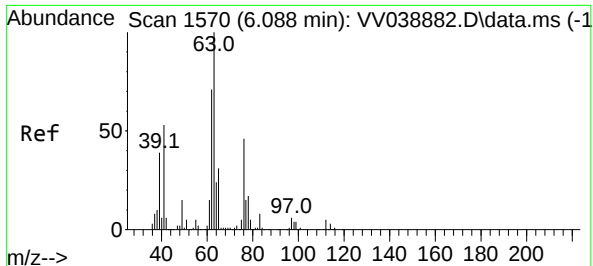
Tgt Ion: 43 Resp: 1888811
Ion Ratio Lower Upper
43 100
61 22.0 17.1 25.7
87 15.8 12.2 18.4



#44
Trichloroethene
Concen: 140.300 ug/l
RT: 5.825 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:130 Resp: 807944
Ion Ratio Lower Upper
130 100
95 99.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 145.241 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

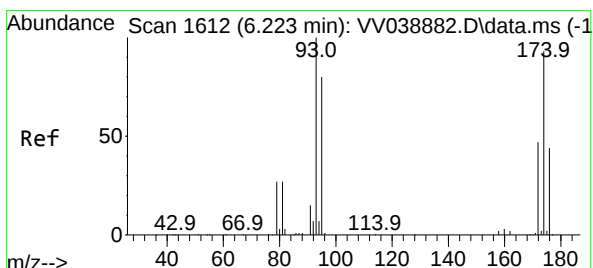
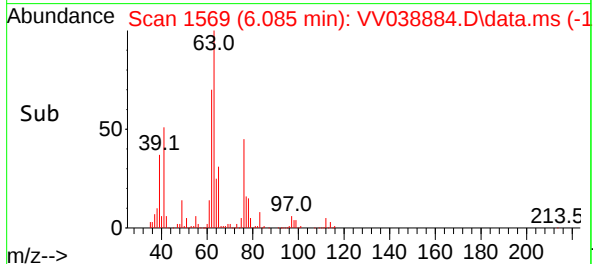
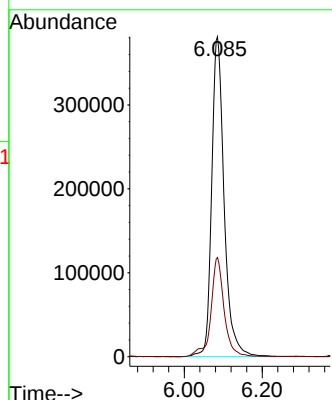
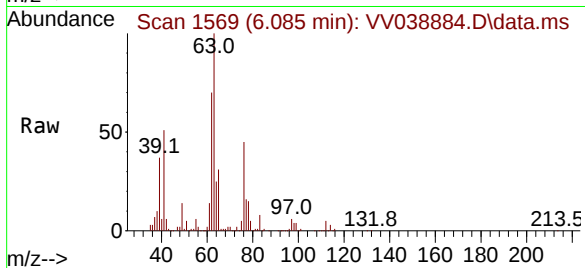
VSTDICC150

Tgt Ion: 63 Resp: 845515

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 139.738 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

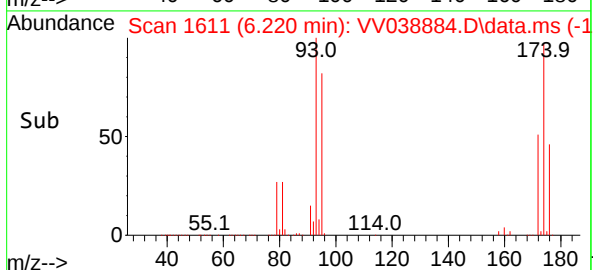
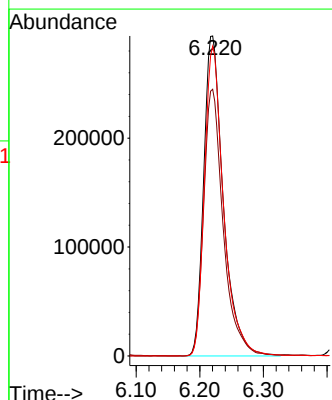
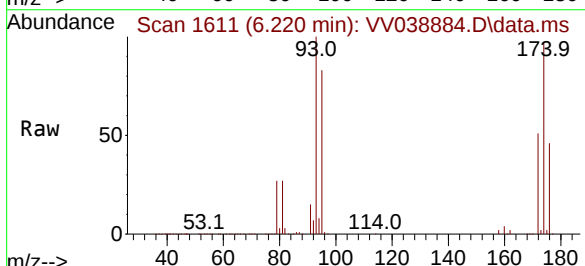
Tgt Ion: 93 Resp: 629408

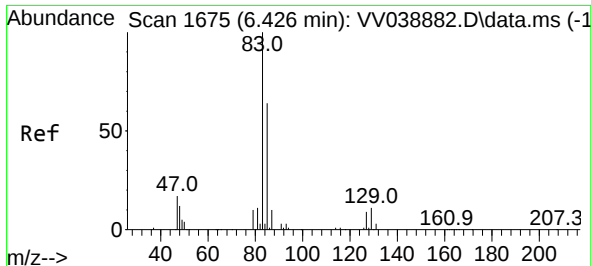
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 95.1 75.3 112.9

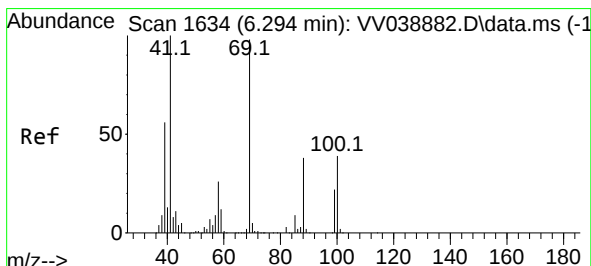
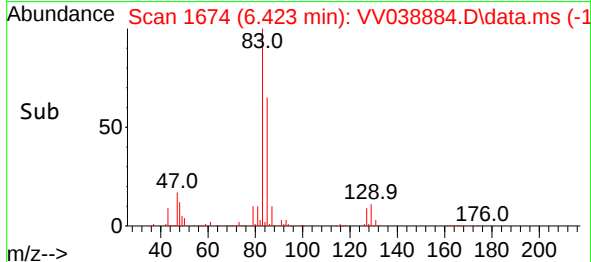
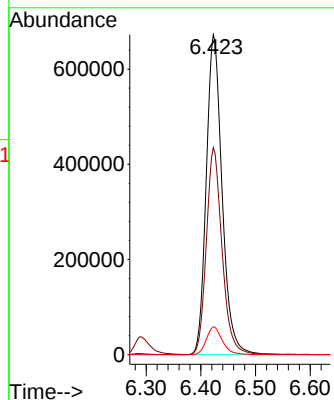
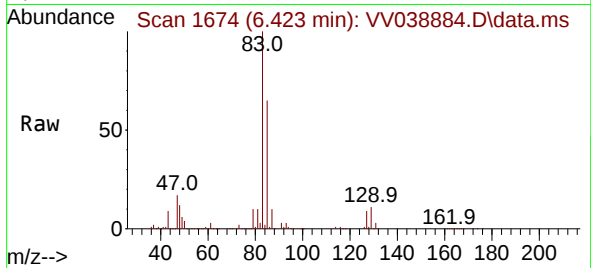




#47
Bromodichloromethane
Concen: 141.468 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

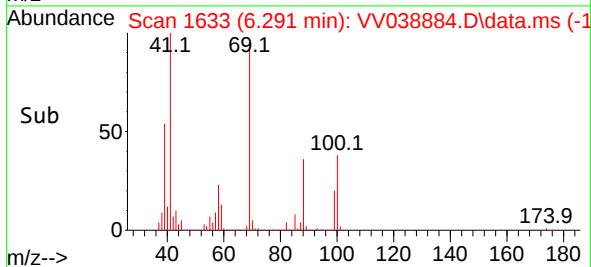
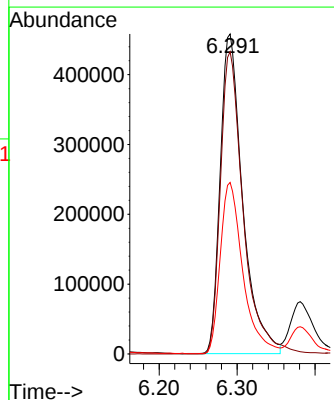
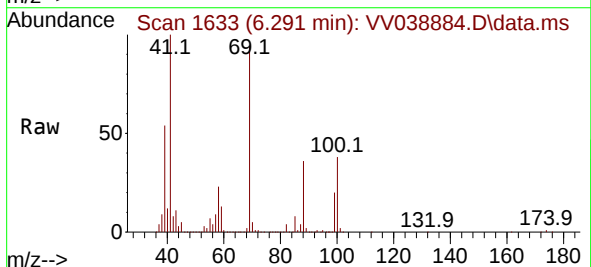
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

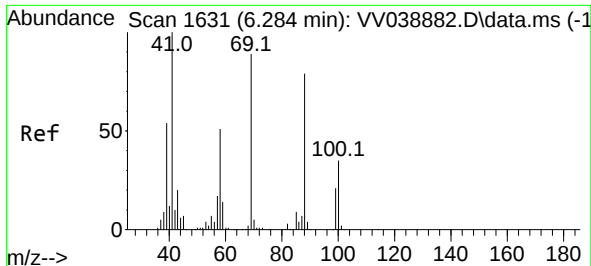
Tgt Ion: 83 Resp: 1352315
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 174.560 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 41 Resp: 916938
Ion Ratio Lower Upper
41 100
69 96.3 79.4 119.2
39 54.1 44.0 66.0





#49

1,4-Dioxane

Concen: 3483.347 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

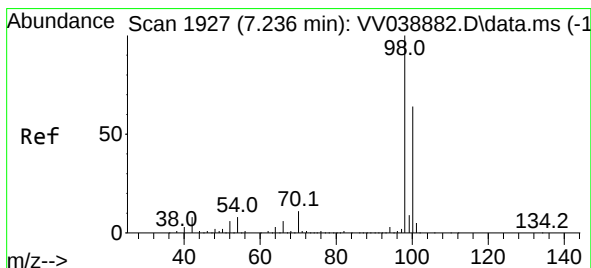
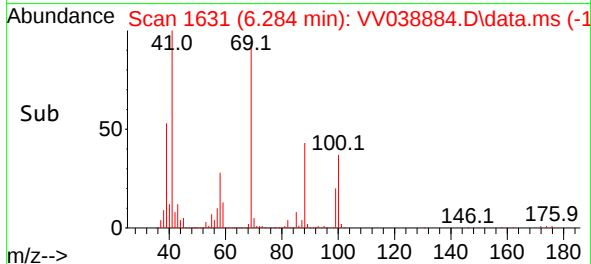
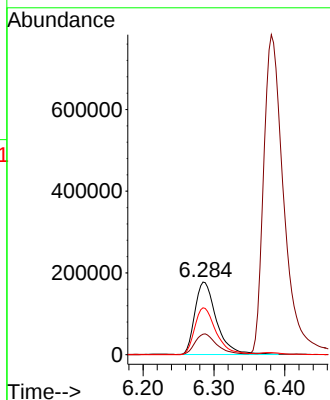
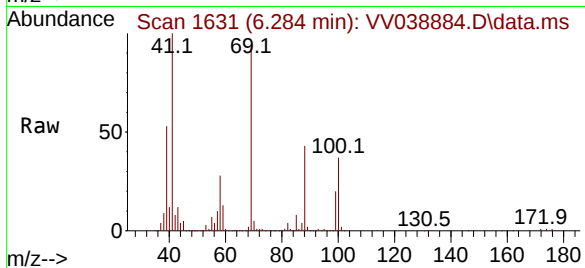
Tgt Ion: 88 Resp: 375564

Ion Ratio Lower Upper

88 100

43 28.5 23.0 34.4

58 64.3 53.8 80.6



#50

Toluene-d8

Concen: 134.363 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038884.D

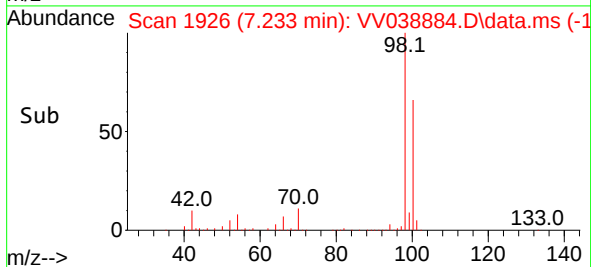
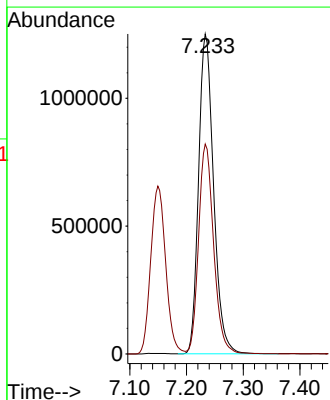
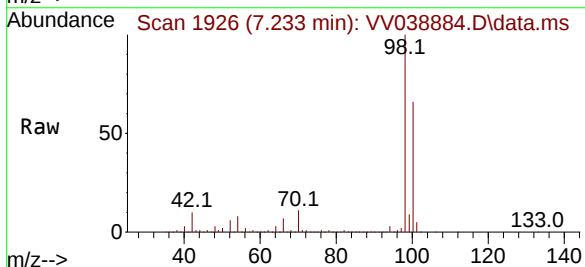
Acq: 11 Jul 2025 10:43

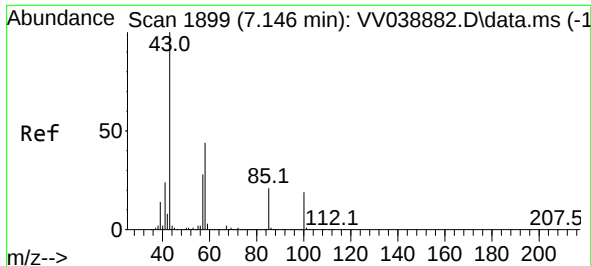
Tgt Ion: 98 Resp: 2297387

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3

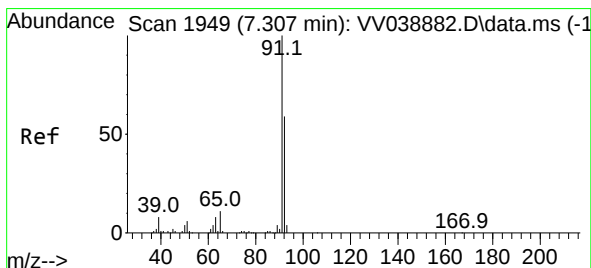
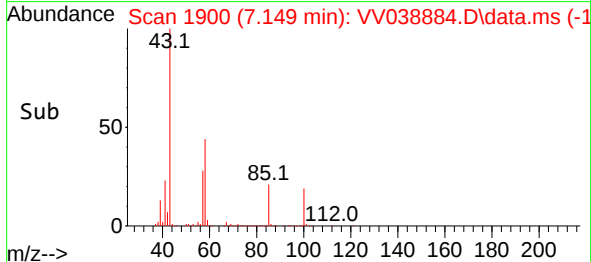
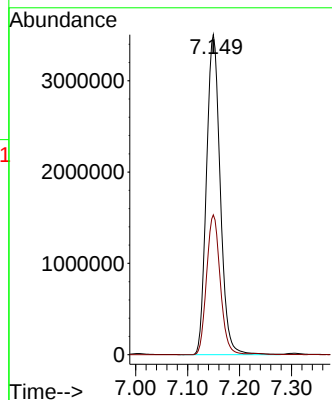
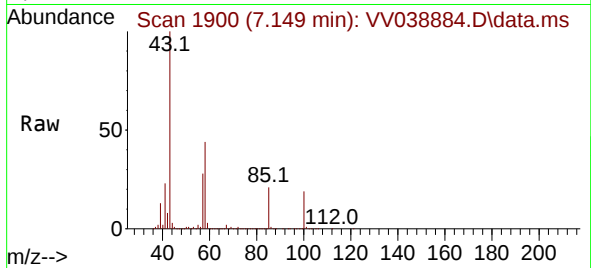




#51
4-Methyl-2-Pentanone
Concen: 795.909 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

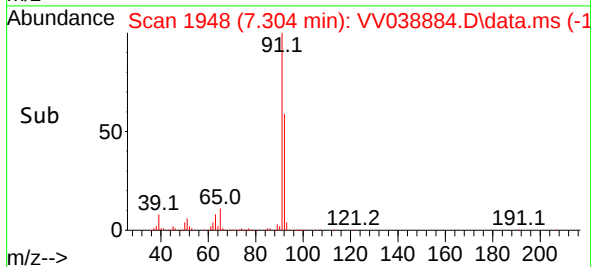
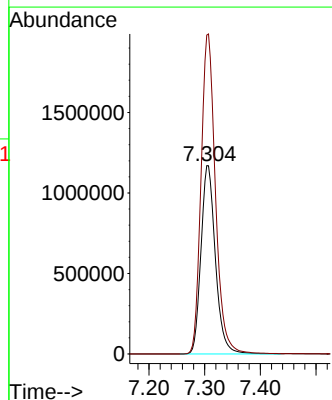
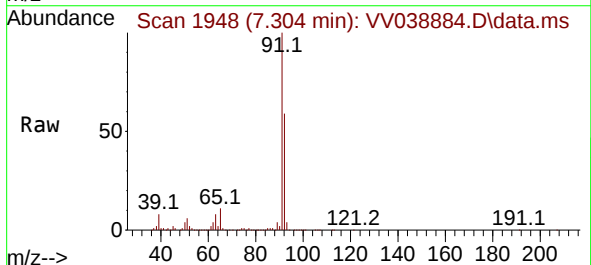
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

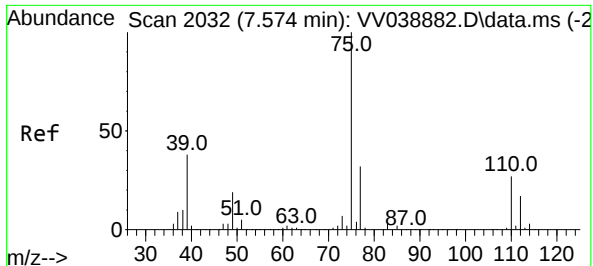
Tgt Ion: 43 Resp: 6435696
Ion Ratio Lower Upper
43 100
58 43.4 34.5 51.7



#52
Toluene
Concen: 155.640 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 92 Resp: 2104765
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 164.969 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

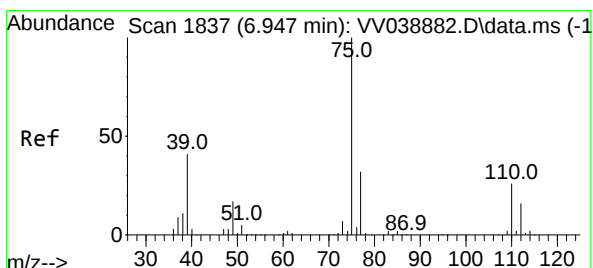
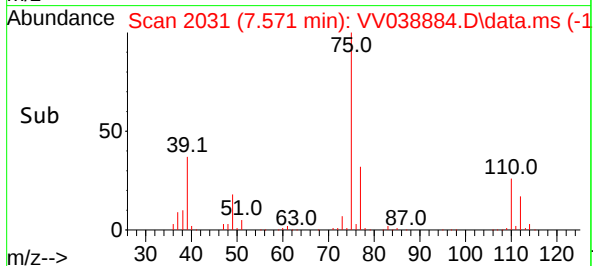
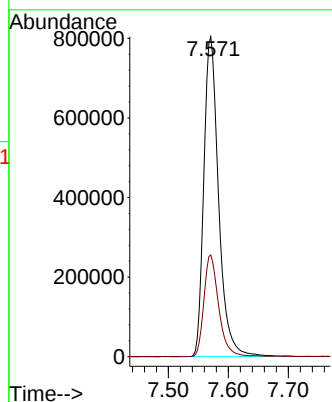
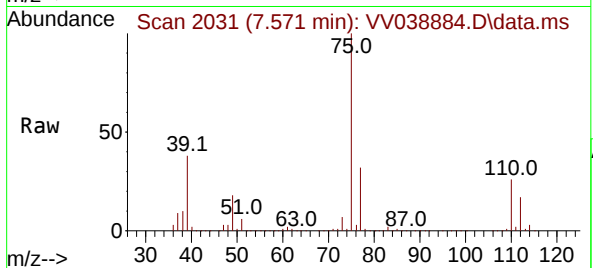
VSTDIC150

Tgt Ion: 75 Resp: 1381265

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 153.897 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

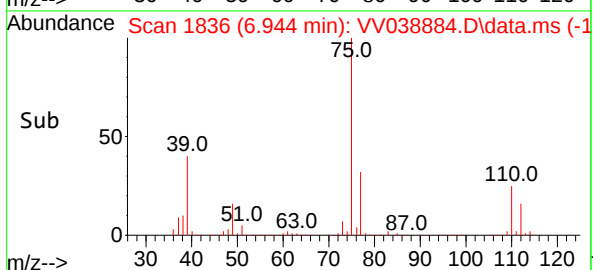
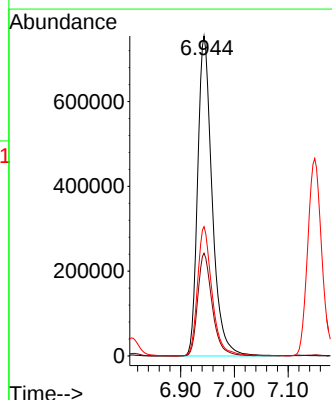
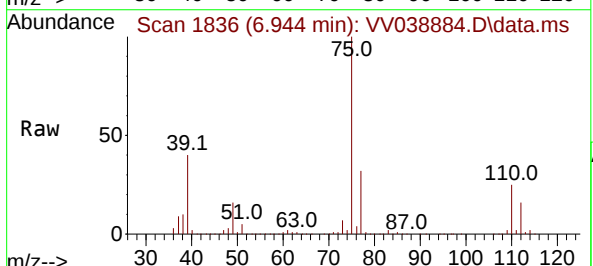
Tgt Ion: 75 Resp: 1412643

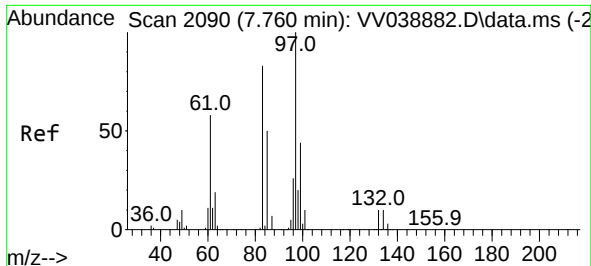
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 40.3 33.1 49.7

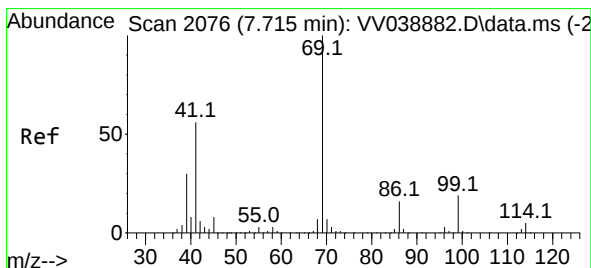
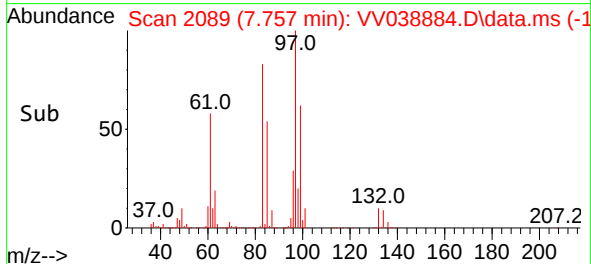
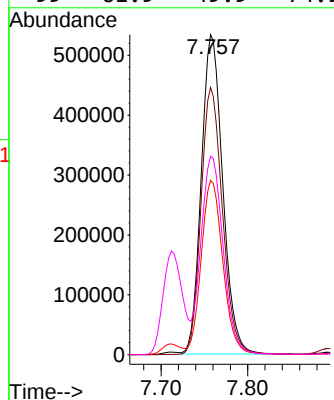
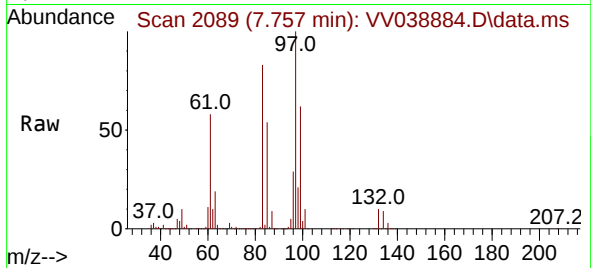




#55
 1,1,2-Trichloroethane
 Concen: 138.383 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

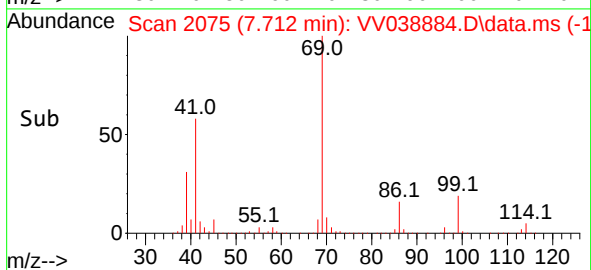
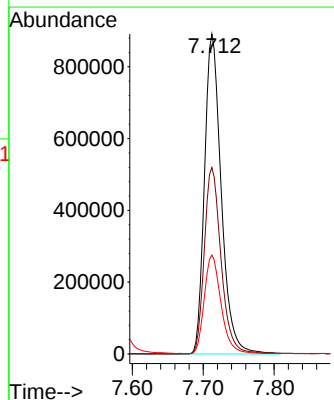
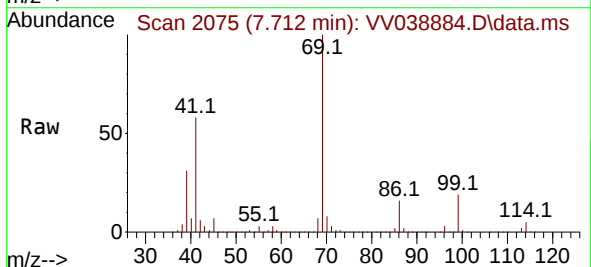
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

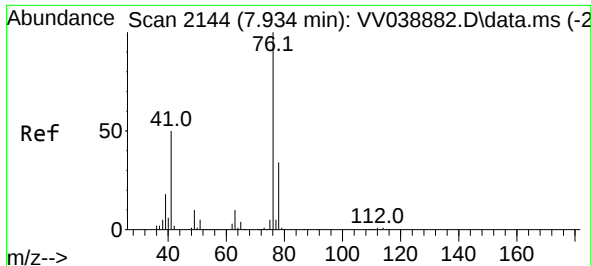
Tgt Ion:	97	Resp:	918290
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.2	99.4
85	54.4	41.4	62.2
99	61.9	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 185.576 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

Tgt Ion:	69	Resp:	1463375
Ion	Ratio	Lower	Upper
69	100		
41	58.3	45.7	68.5
39	30.7	23.8	35.8





#57

1,3-Dichloropropane

Concen: 146.403 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

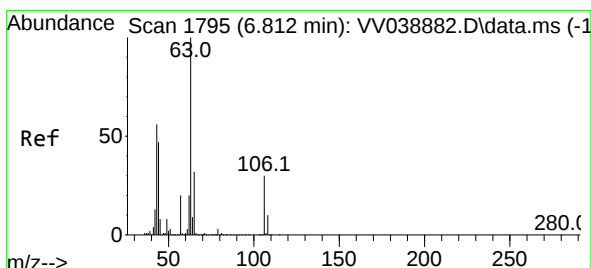
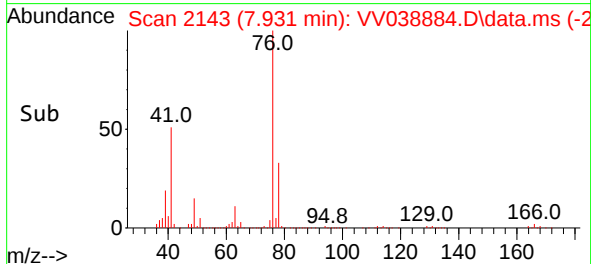
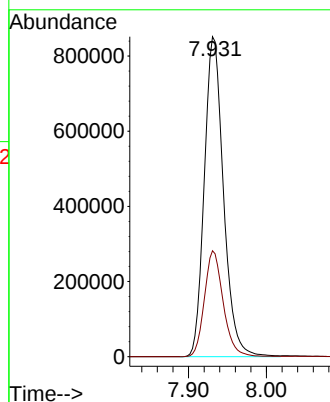
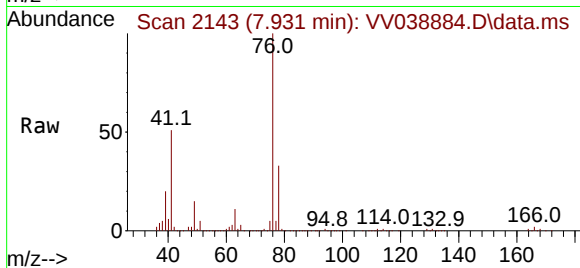
VSTDIC150

Tgt Ion: 76 Resp: 1456687

Ion Ratio Lower Upper

76 100

78 32.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 904.565 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV038884.D

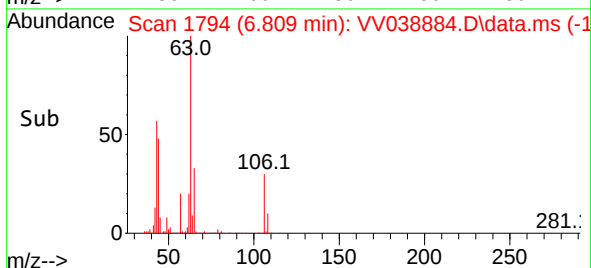
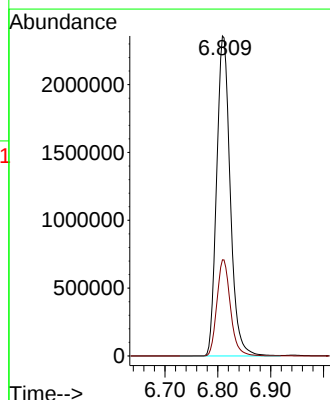
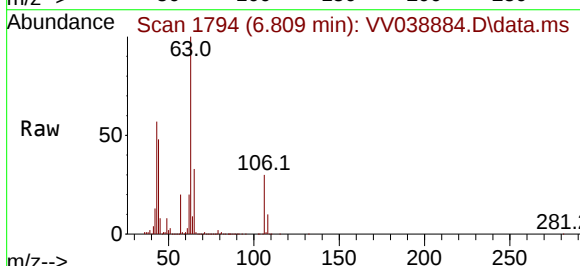
Acq: 11 Jul 2025 10:43

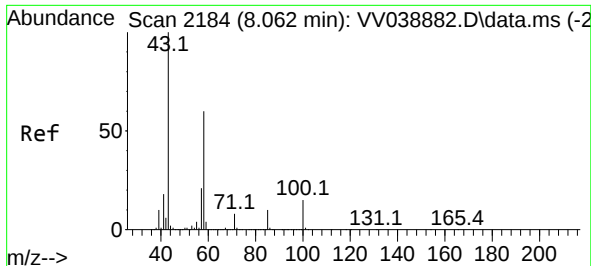
Tgt Ion: 63 Resp: 4210451

Ion Ratio Lower Upper

63 100

106 29.9 24.1 36.1

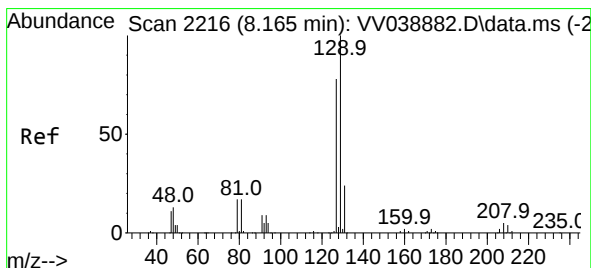
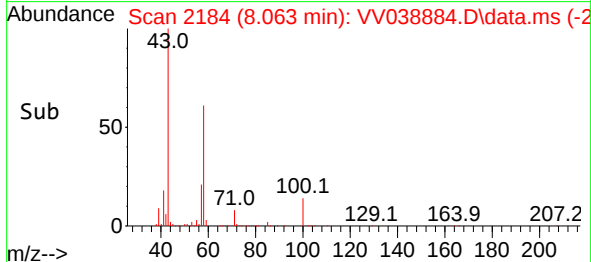
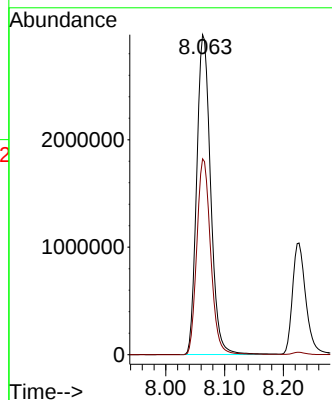
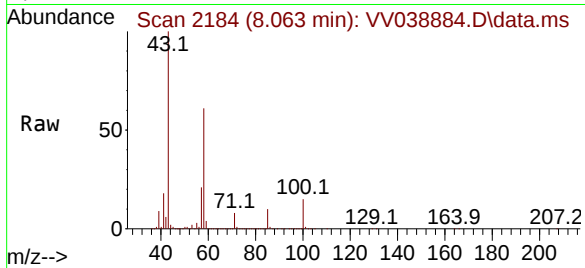




#59
2-Hexanone
Concen: 863.755 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

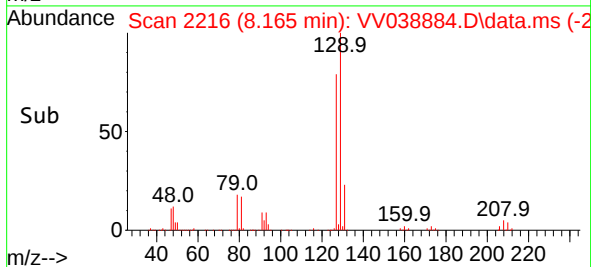
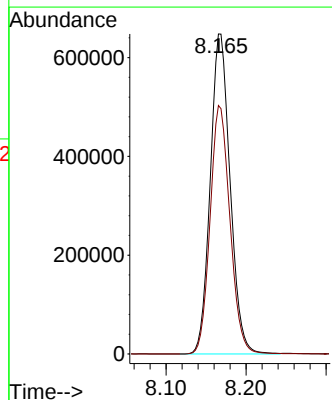
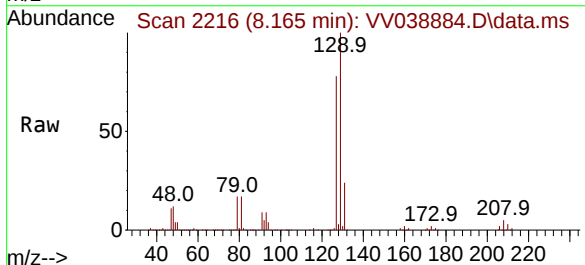
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

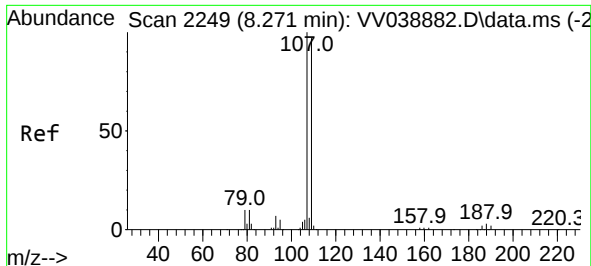
Tgt Ion: 43 Resp: 4888373
Ion Ratio Lower Upper
43 100
58 61.0 29.6 88.8



#60
Dibromochloromethane
Concen: 143.000 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 129 Resp: 1117481
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.2

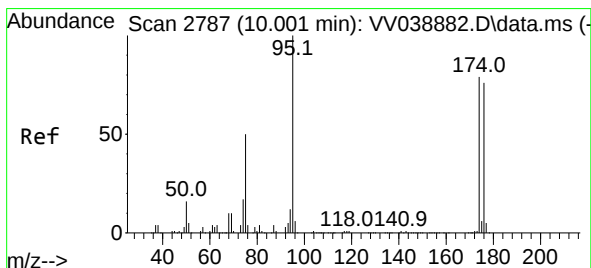
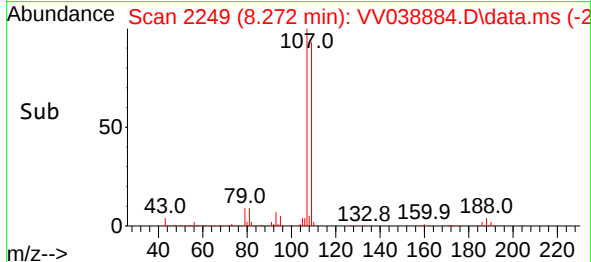
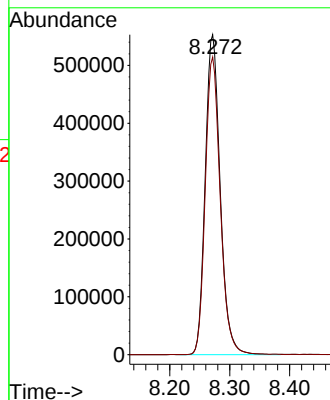
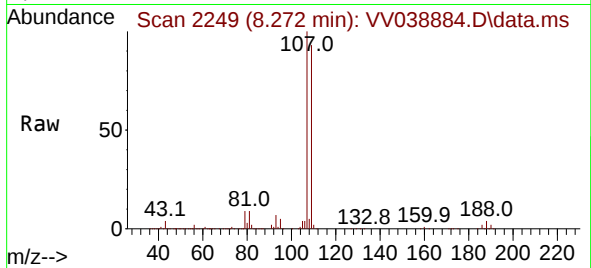




#61
1,2-Dibromoethane
Concen: 143.938 ug/l
RT: 8.272 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

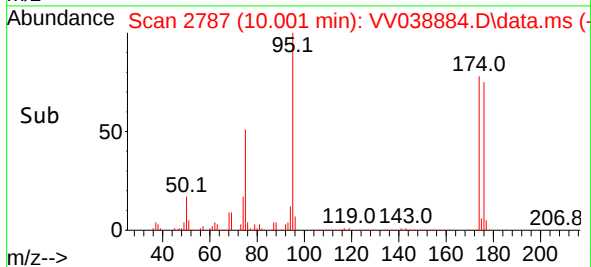
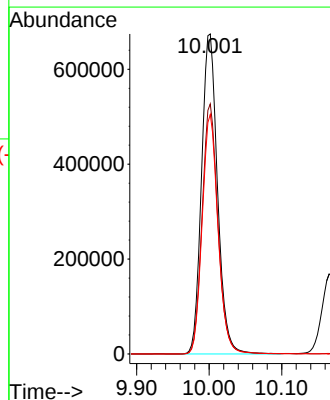
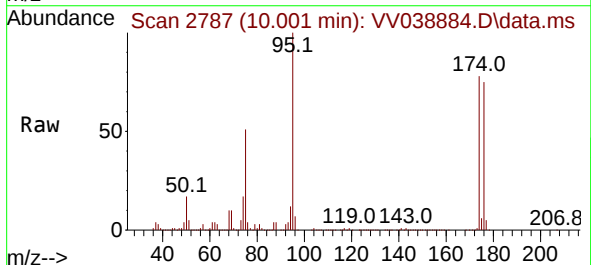
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

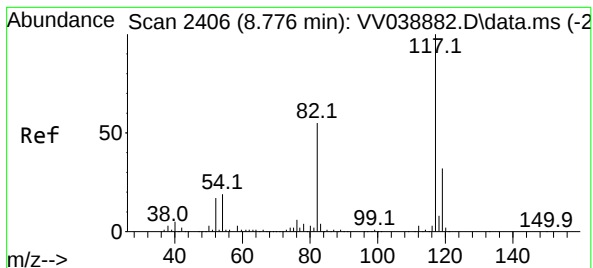
Tgt Ion:107 Resp: 962268
Ion Ratio Lower Upper
107 100
109 93.1 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 150.145 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 95 Resp: 1034177
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 74.3 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC150

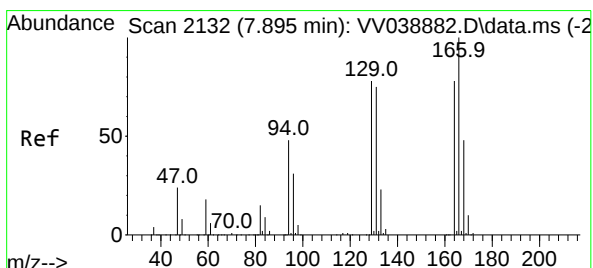
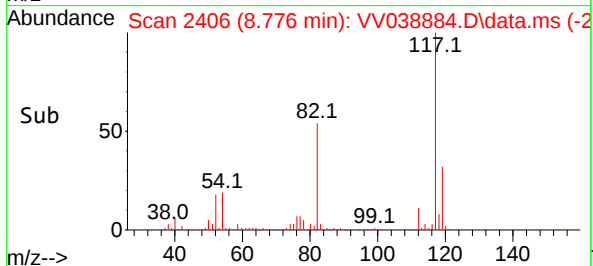
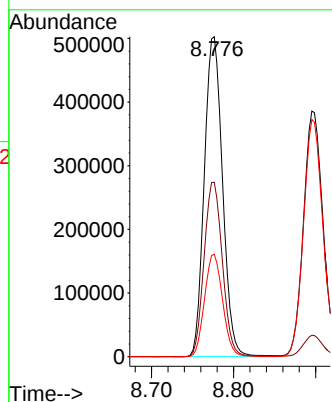
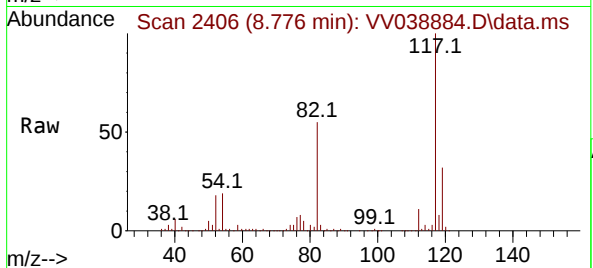
Tgt Ion:117 Resp: 779723

Ion Ratio Lower Upper

117 100

82 54.5 43.7 65.5

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 132.637 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Tgt Ion:164 Resp: 678265

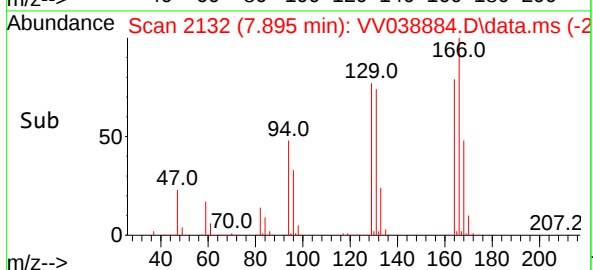
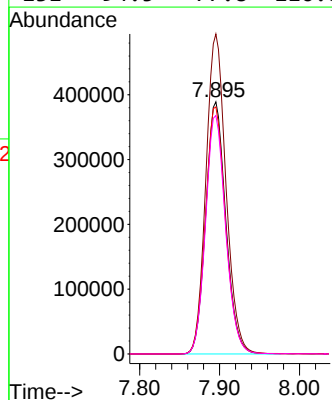
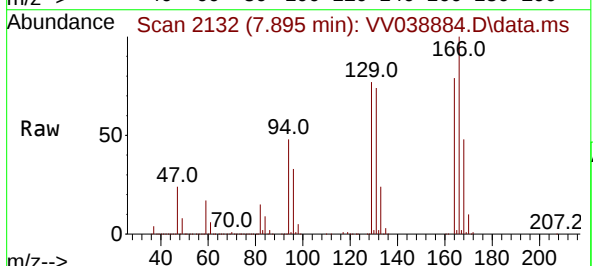
Ion Ratio Lower Upper

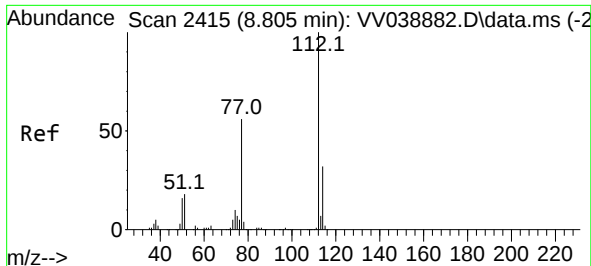
164 100

166 126.9 103.2 154.8

129 98.0 81.0 121.4

131 94.5 77.8 116.8

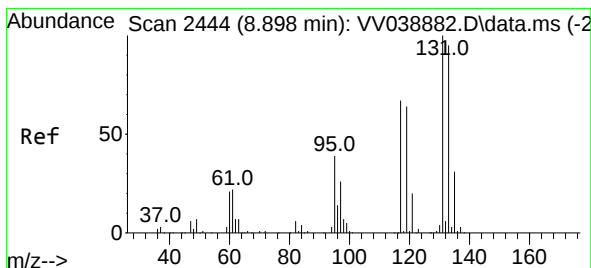
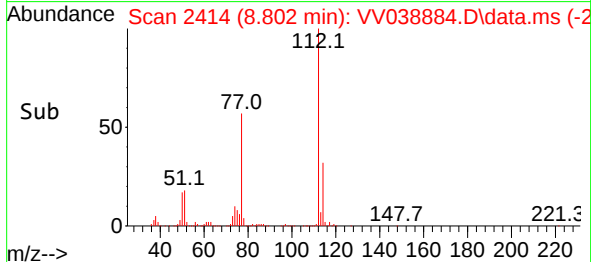
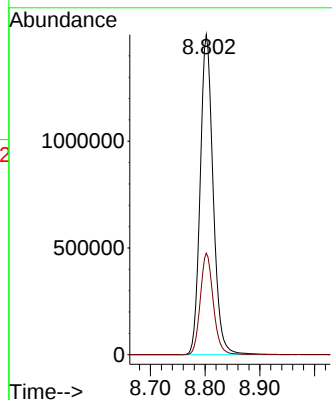
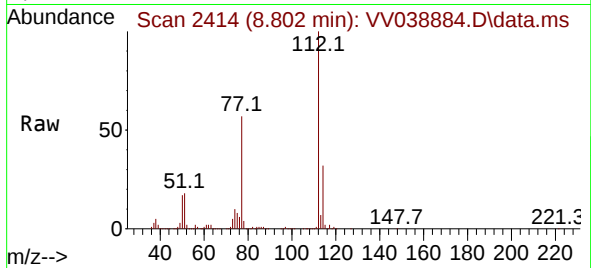




#65
Chlorobenzene
Concen: 144.413 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

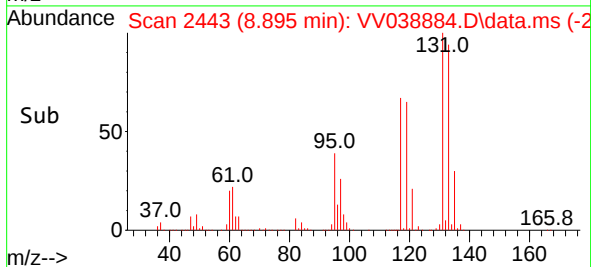
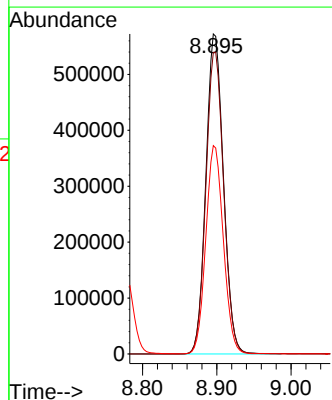
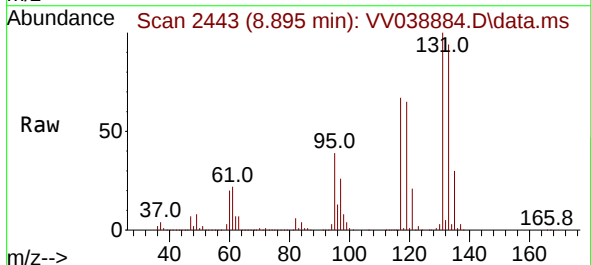
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

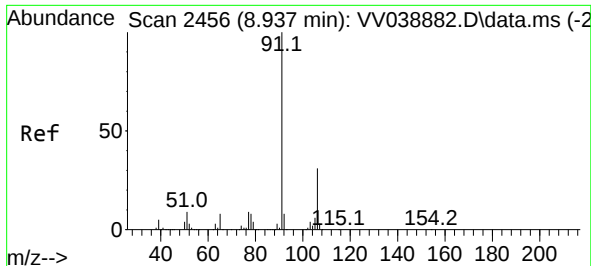
Tgt Ion:112 Resp: 2460371
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 138.425 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:131 Resp: 940508
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 64.9 32.0 96.2





#67

Ethyl Benzene

Concen: 166.775 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

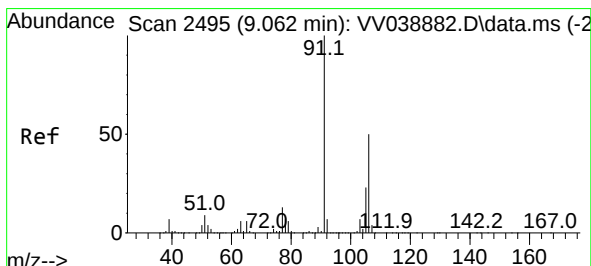
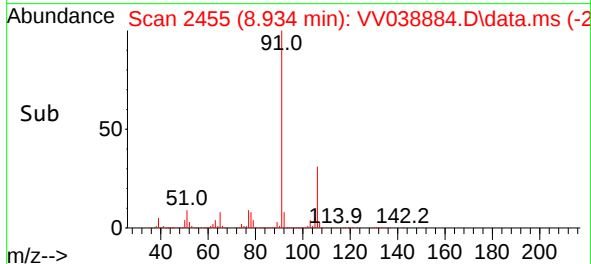
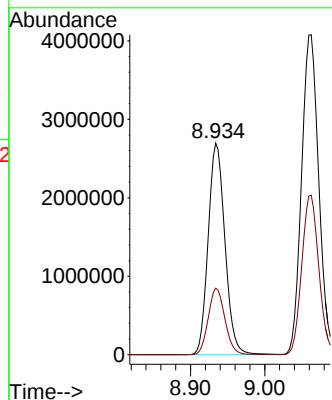
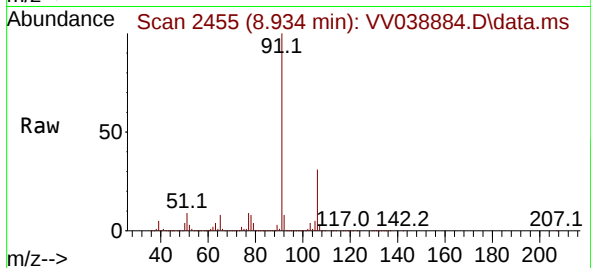
VSTDICC150

Tgt Ion: 91 Resp: 4219107

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#68

m/p-Xylenes

Concen: 331.888 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038884.D

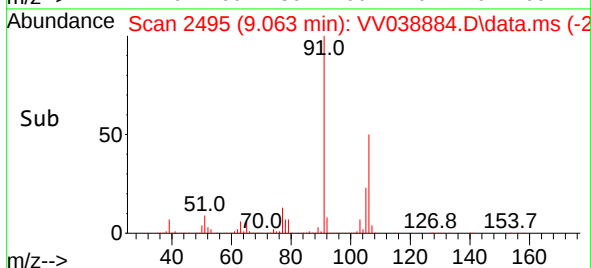
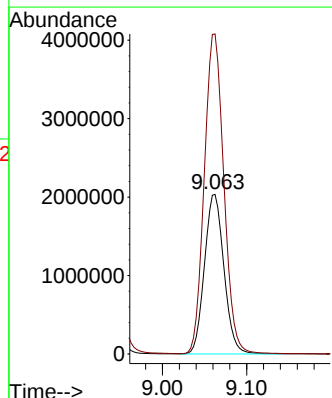
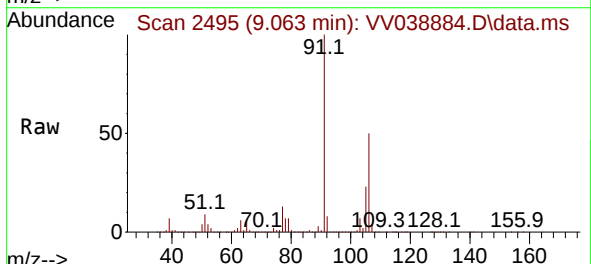
Acq: 11 Jul 2025 10:43

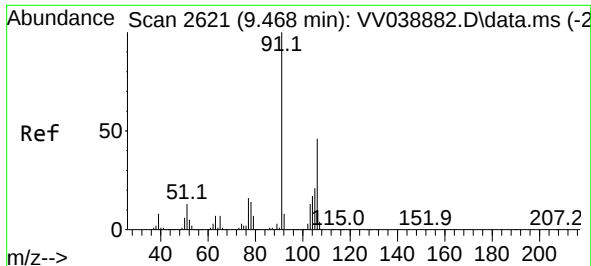
Tgt Ion:106 Resp: 3268894

Ion Ratio Lower Upper

106 100

91 202.0 161.0 241.6

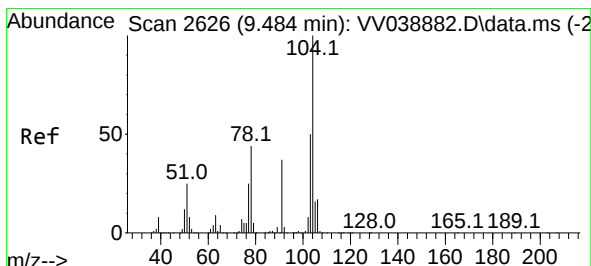
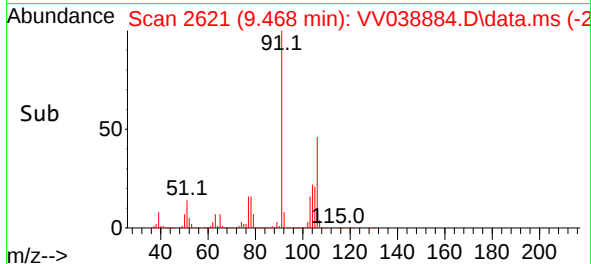
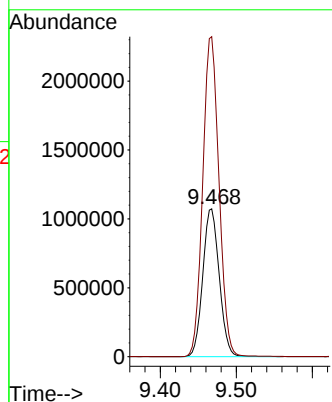
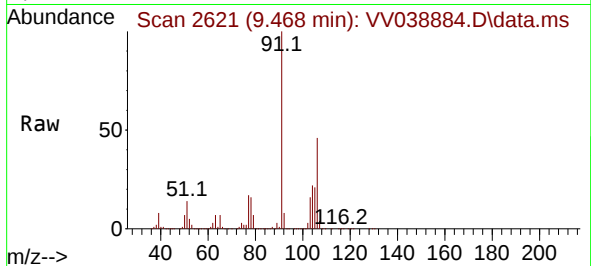




#69
o-Xylene
Concen: 173.250 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

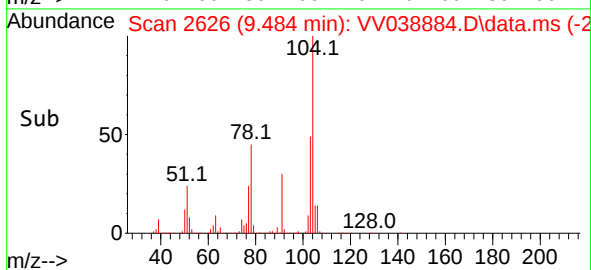
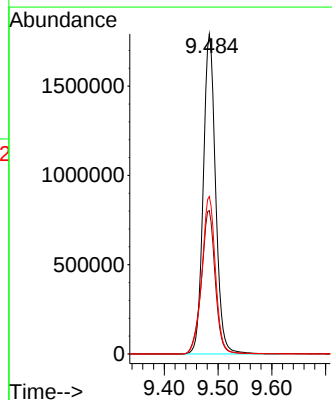
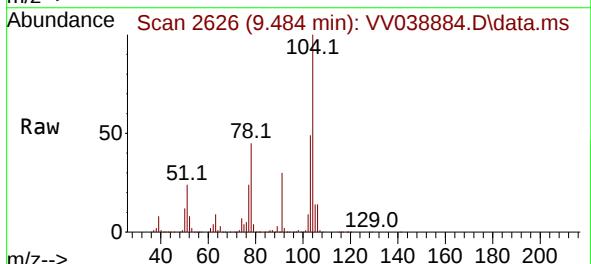
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

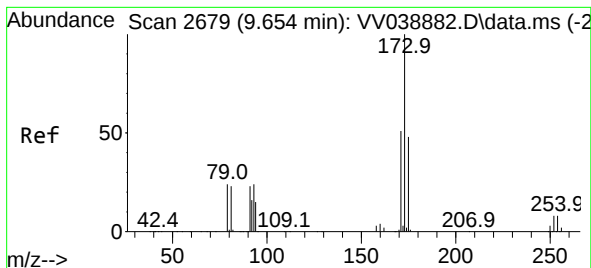
Tgt Ion:106 Resp: 1610597
Ion Ratio Lower Upper
106 100
91 214.2 108.9 326.6



#70
Styrene
Concen: 174.717 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:104 Resp: 2861478
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.3 43.4 65.2





#71

Bromoform

Concen: 152.724 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

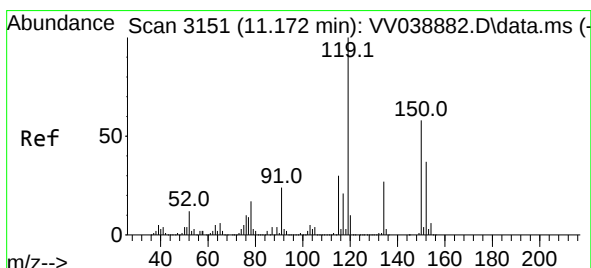
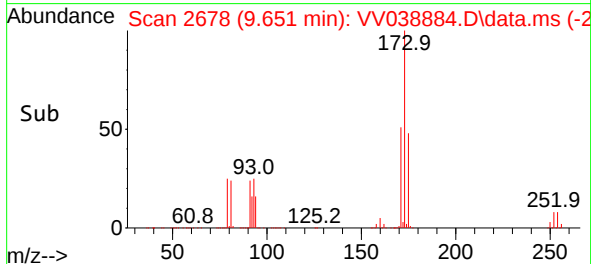
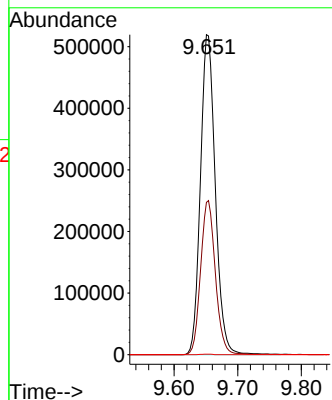
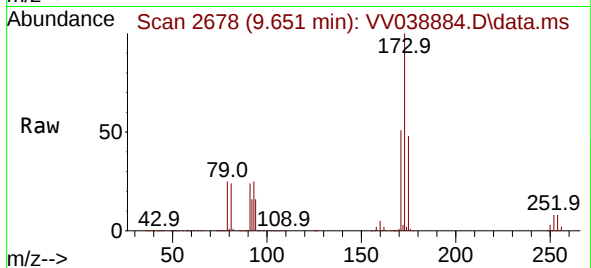
Tgt Ion:173 Resp: 843444

Ion Ratio Lower Upper

173 100

175 47.8 23.5 70.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

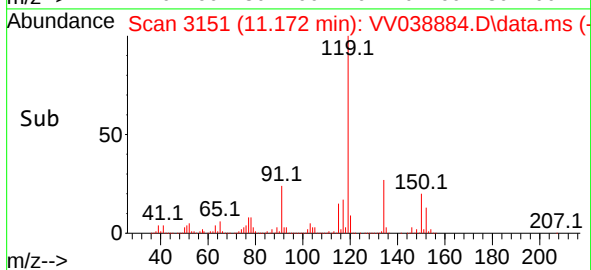
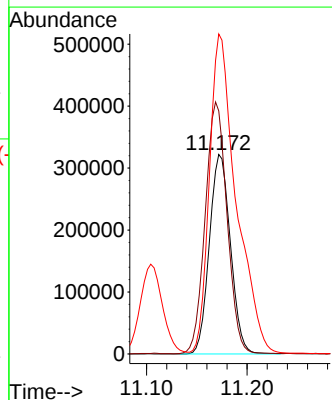
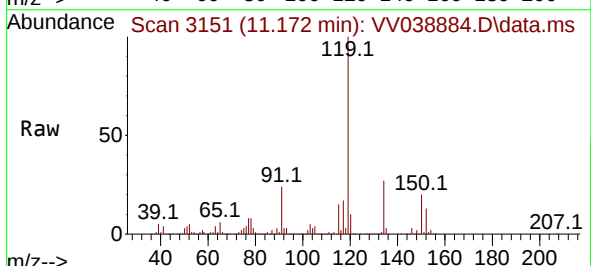
Tgt Ion:152 Resp: 467873

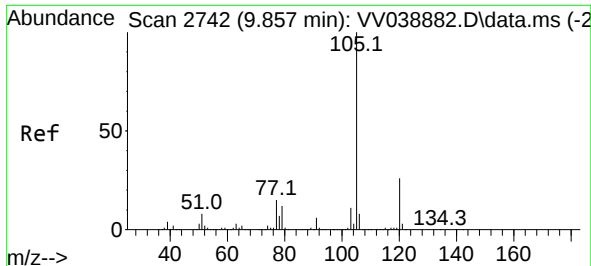
Ion Ratio Lower Upper

152 100

115 130.9 41.8 125.4#

150 205.3 0.0 342.4

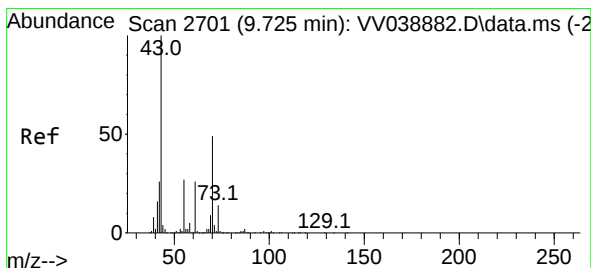
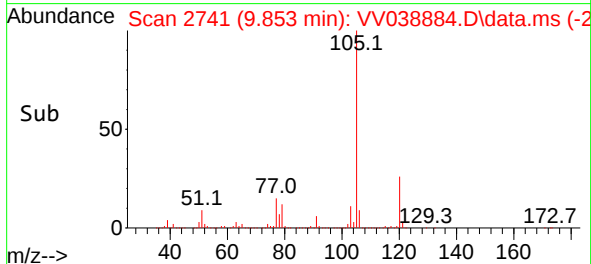
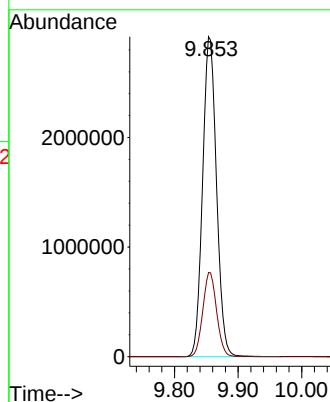
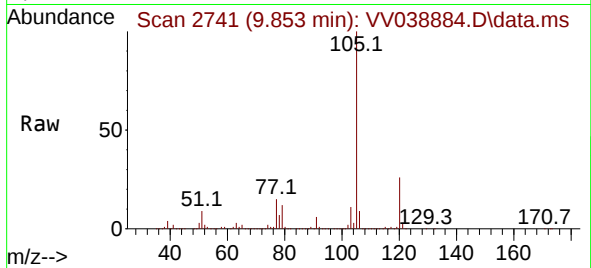




#73
Isopropylbenzene
Concen: 158.239 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

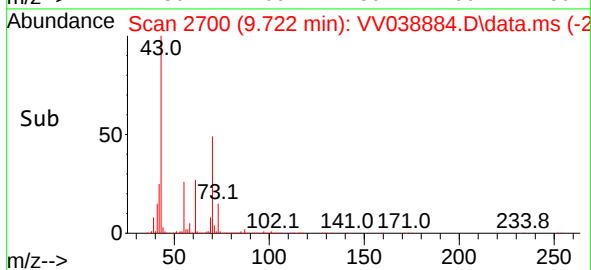
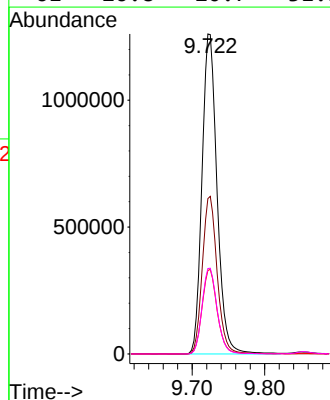
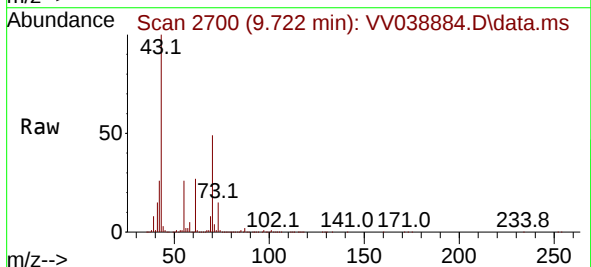
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

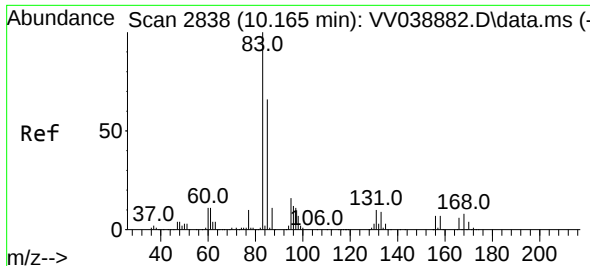
Tgt Ion:105 Resp: 4423718
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 177.232 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 43 Resp: 1814982
Ion Ratio Lower Upper
43 100
70 48.8 38.6 58.0
55 26.4 21.8 32.8
61 26.8 20.7 31.1

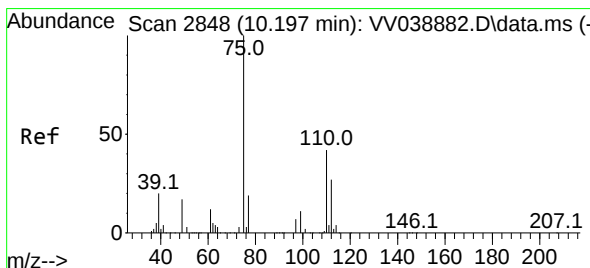
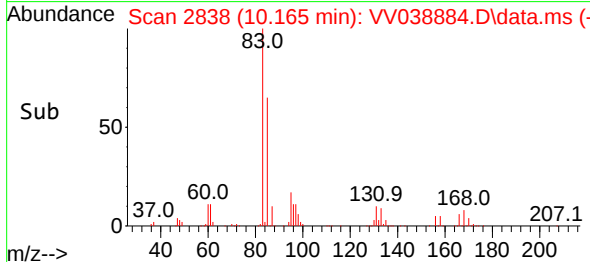
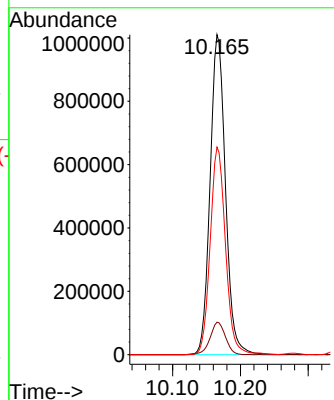
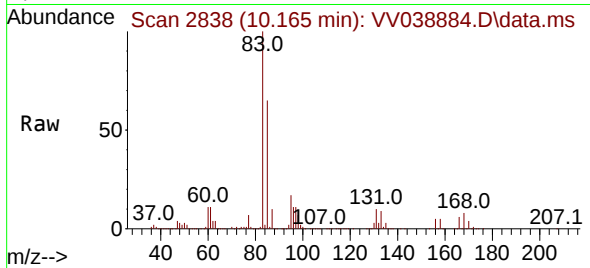




#75
 1,1,2,2-Tetrachloroethane
 Concen: 135.729 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

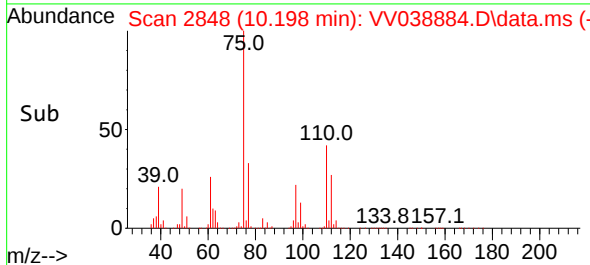
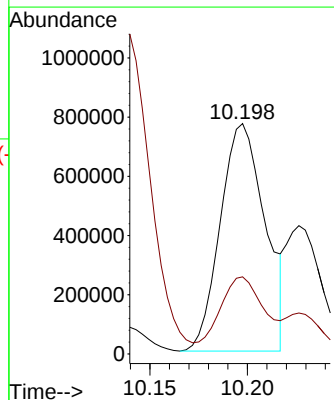
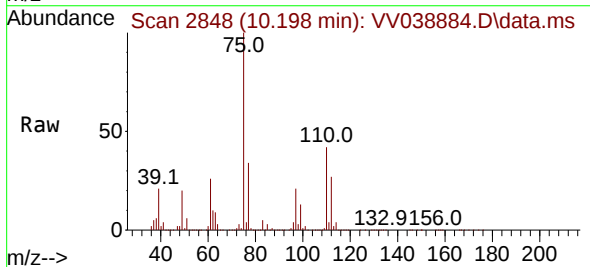
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

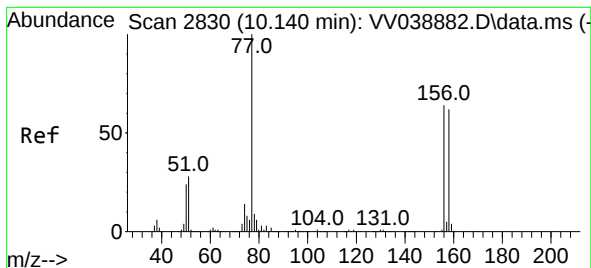
Tgt Ion: 83 Resp: 1589343
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.4
 85 64.8 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 144.266 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV038884.D
 Acq: 11 Jul 2025 10:43

Tgt Ion: 75 Resp: 1231452
 Ion Ratio Lower Upper
 75 100
 77 26.4 17.4 52.3





#77

Bromobenzene

Concen: 146.231 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

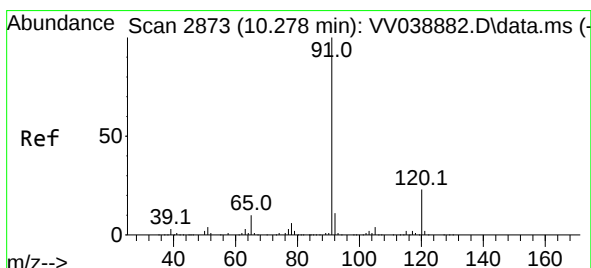
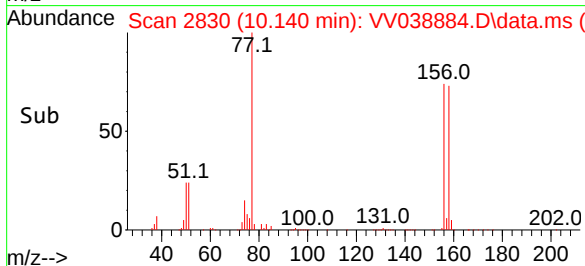
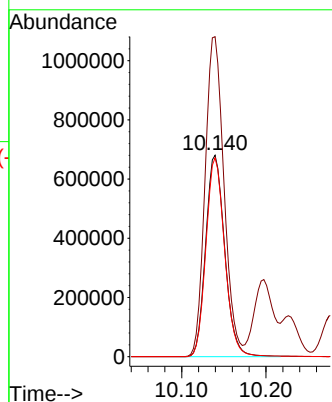
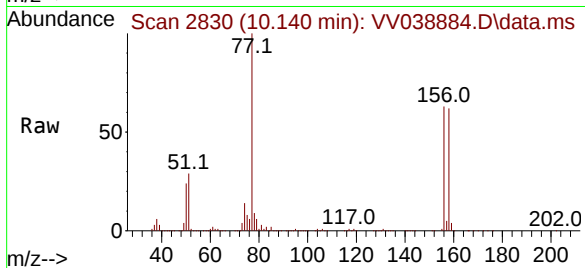
Tgt Ion:156 Resp: 1072368

Ion Ratio Lower Upper

156 100

77 157.2 77.2 231.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 162.220 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038884.D

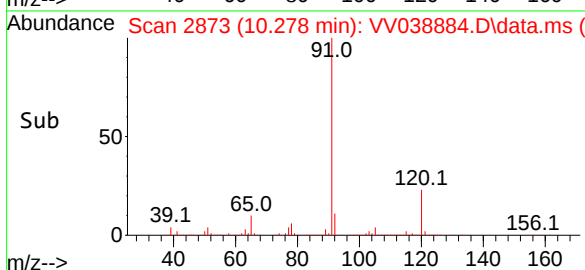
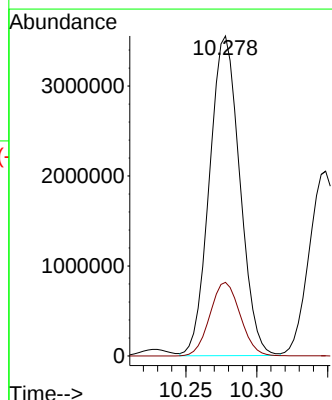
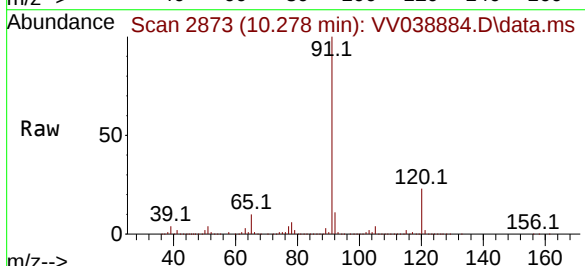
Acq: 11 Jul 2025 10:43

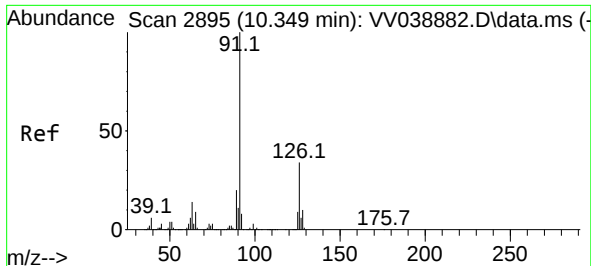
Tgt Ion: 91 Resp: 5300317

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

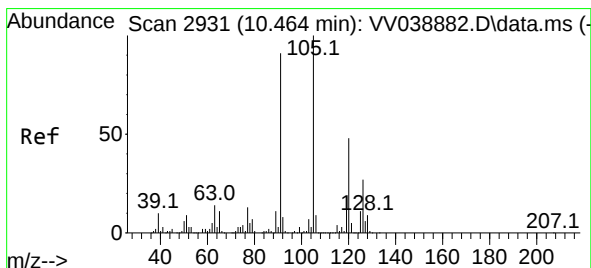
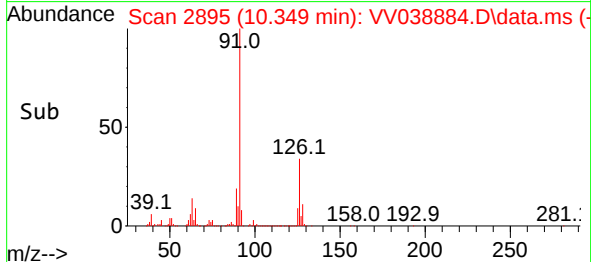
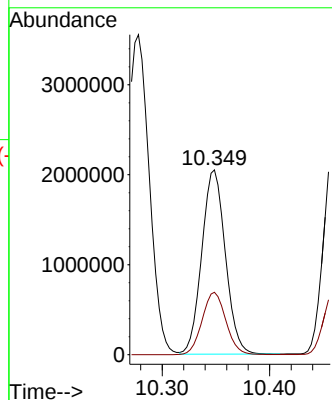
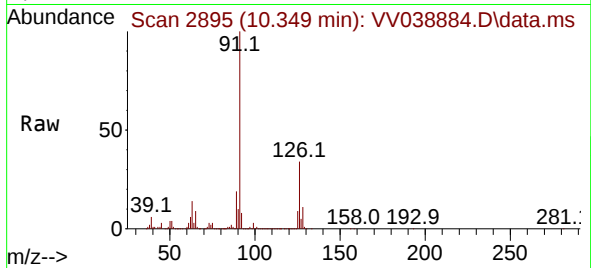




#79
2-Chlorotoluene
Concen: 150.071 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

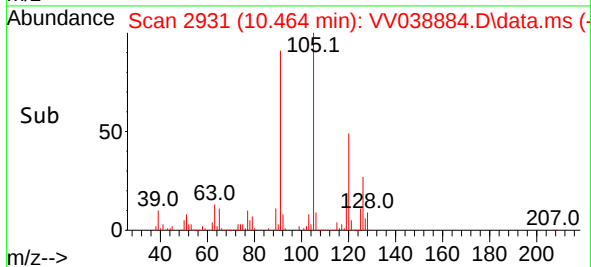
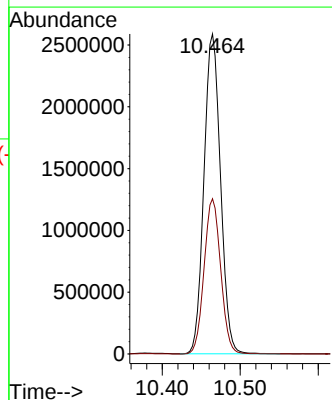
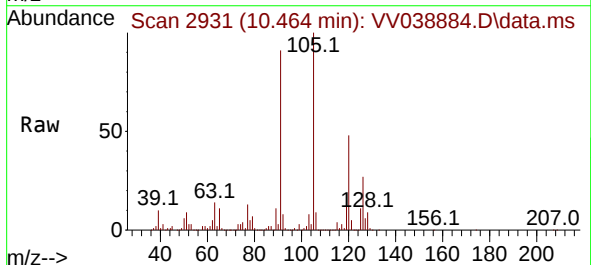
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

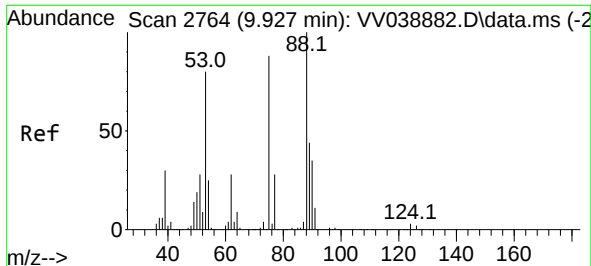
Tgt Ion: 91 Resp: 3118361
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 162.102 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 105 Resp: 3821607
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0

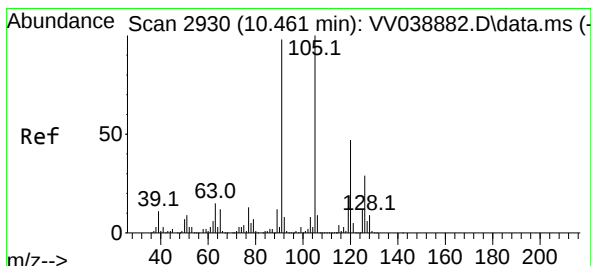
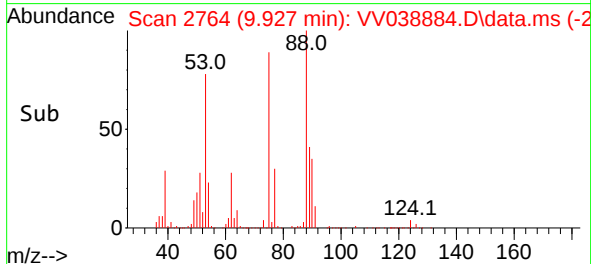
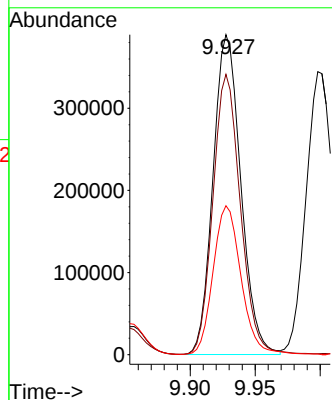
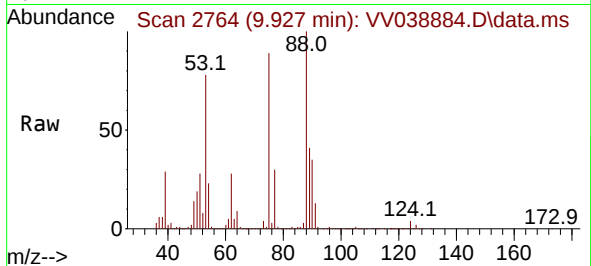




#81
trans-1,4-Dichloro-2-butene
Concen: 162.313 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

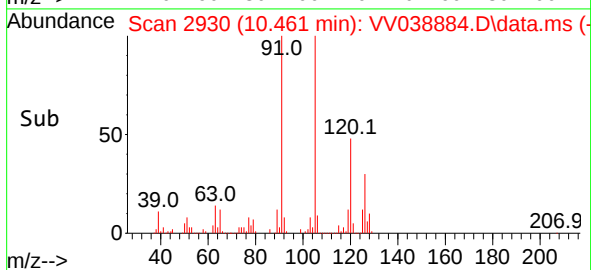
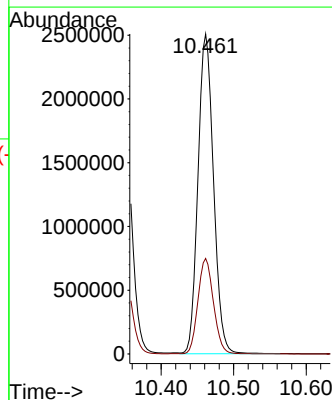
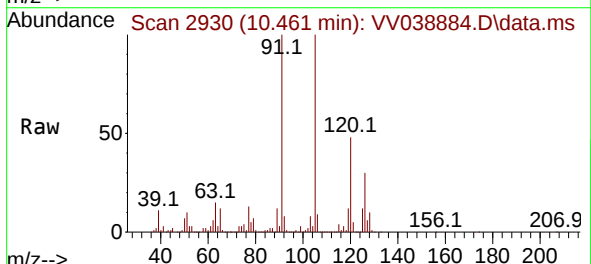
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

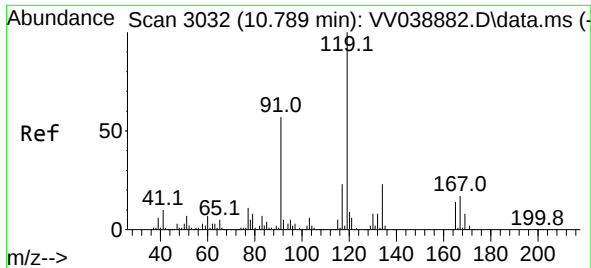
Tgt Ion: 75 Resp: 578596
Ion Ratio Lower Upper
75 100
53 86.5 71.3 106.9
89 47.1 42.2 63.2



#82
4-Chlorotoluene
Concen: 160.370 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion: 91 Resp: 3725023
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.9

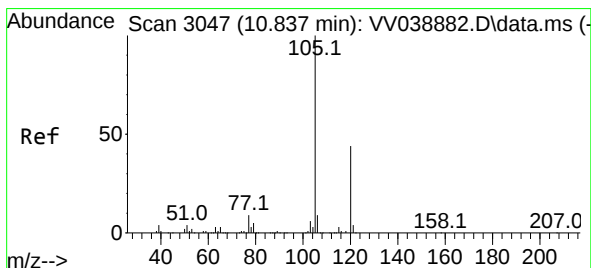
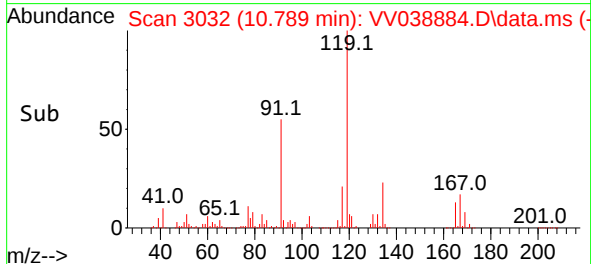
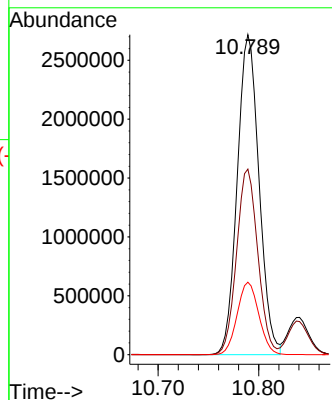
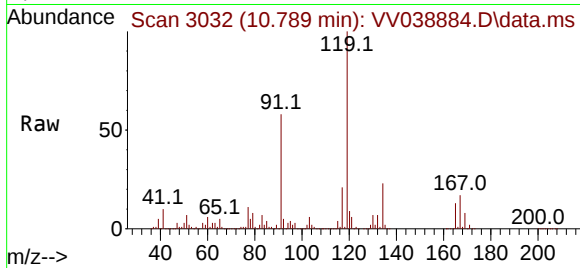




#83
tert-Butylbenzene
Concen: 165.261 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

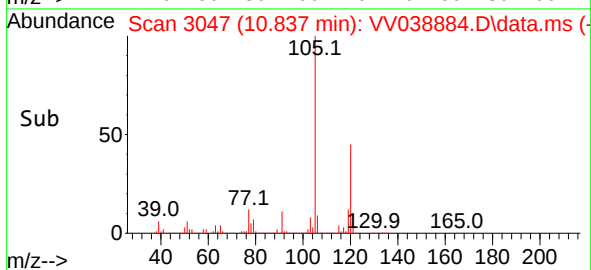
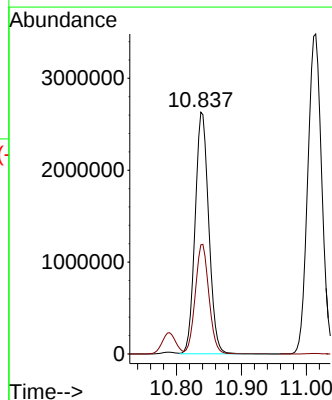
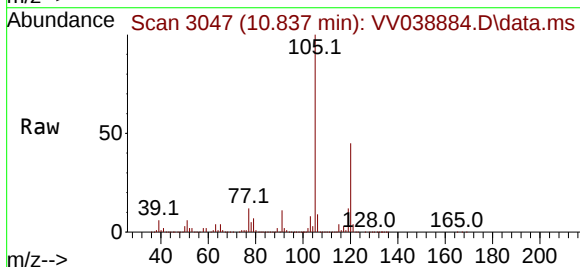
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

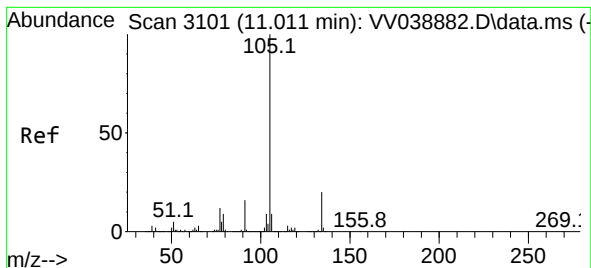
Tgt Ion:119 Resp: 4084794
Ion Ratio Lower Upper
119 100
91 56.7 28.1 84.2
134 22.6 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 165.905 ug/l
RT: 10.837 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:105 Resp: 3848579
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 164.069 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

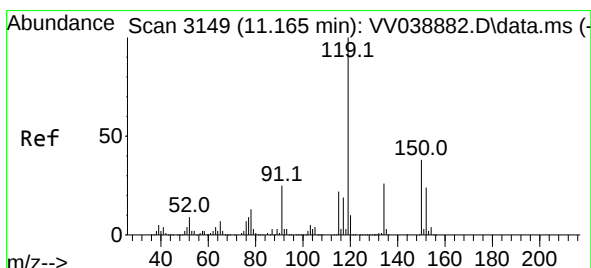
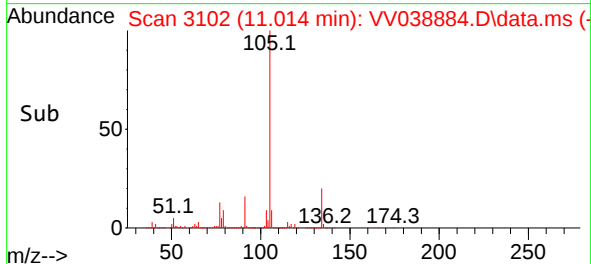
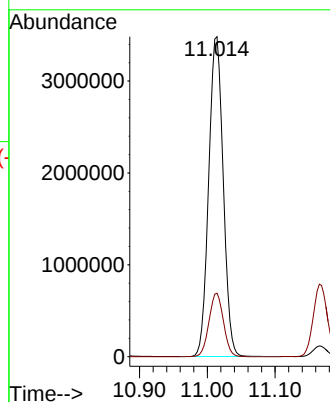
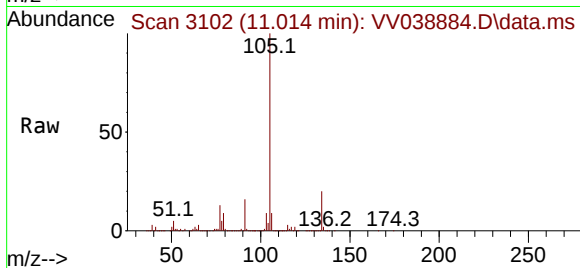
VSTDIC150

Tgt Ion:105 Resp: 5175811

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 163.119 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

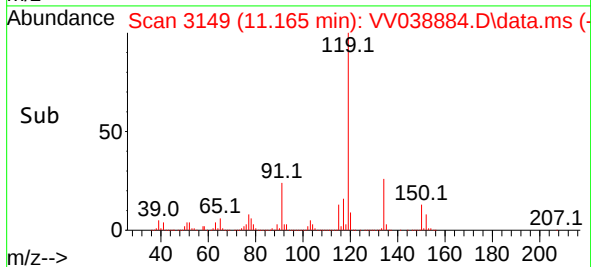
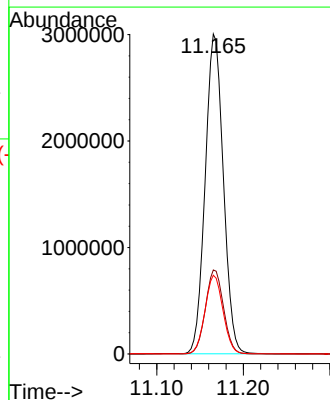
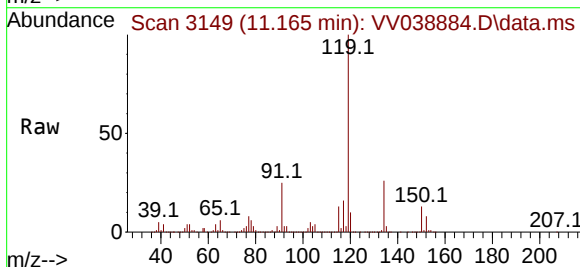
Tgt Ion:119 Resp: 4368944

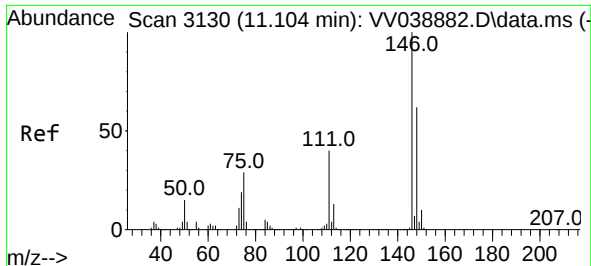
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.4 12.3 36.8

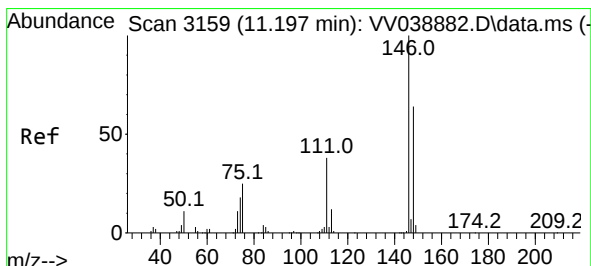
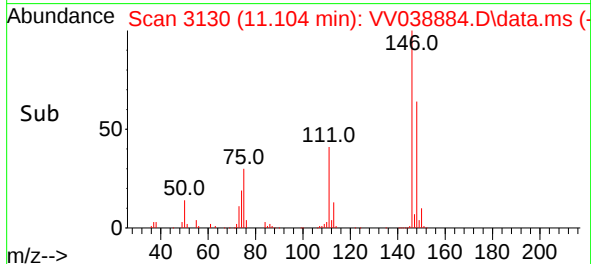
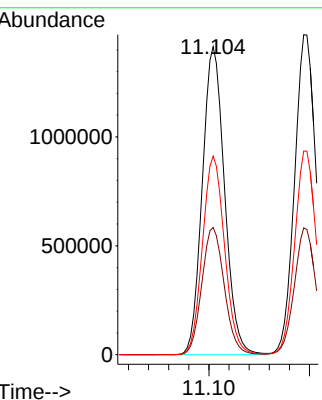
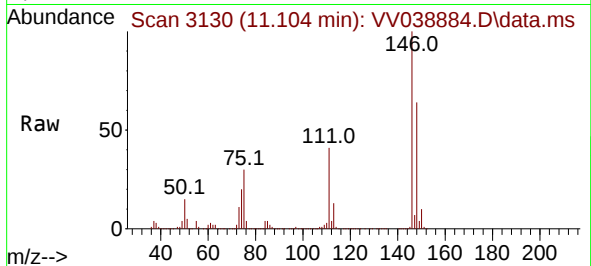




#87
1,3-Dichlorobenzene
Concen: 145.078 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

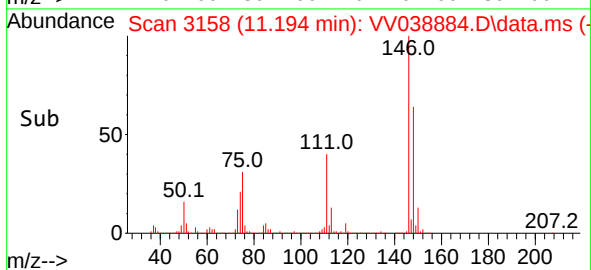
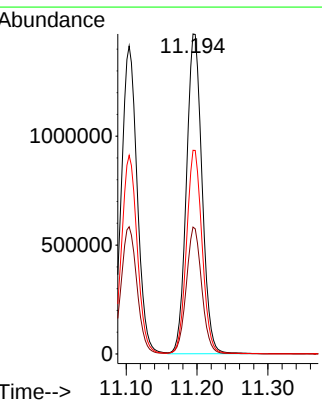
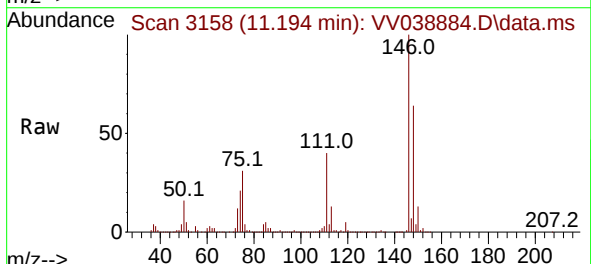
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

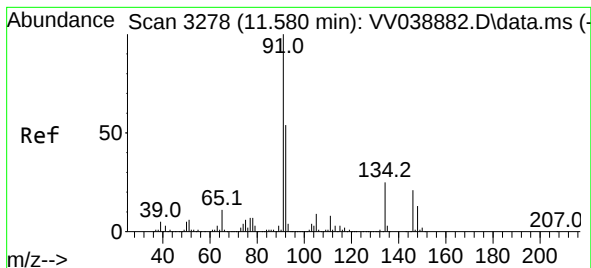
Tgt Ion:146 Resp: 2171621
Ion Ratio Lower Upper
146 100
111 41.8 20.2 60.5
148 64.2 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 137.594 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:146 Resp: 2240426
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.3
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 173.468 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

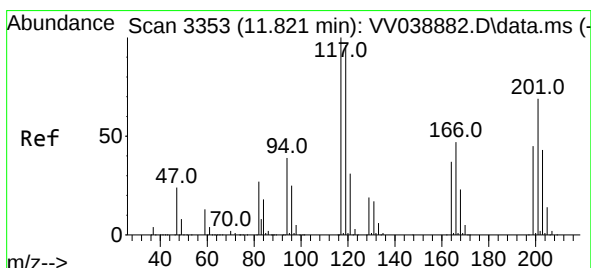
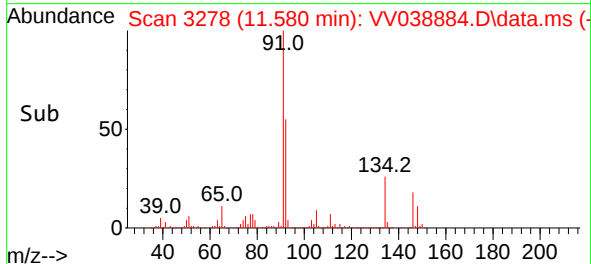
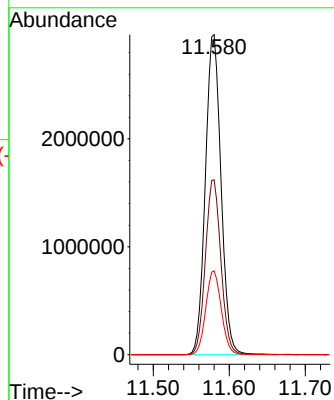
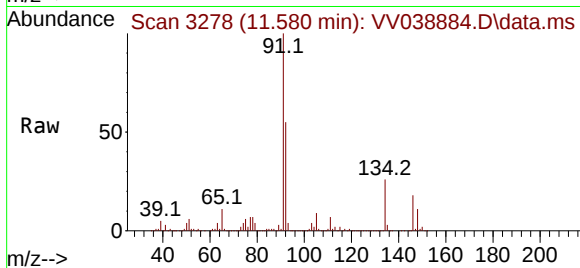
MSVOA_V

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 4241416

Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.7	80.1
134	26.0	12.7	38.1



#90

Hexachloroethane

Concen: 140.003 ug/l

RT: 11.821 min Scan# 3353

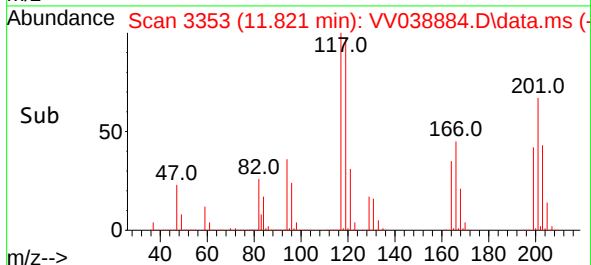
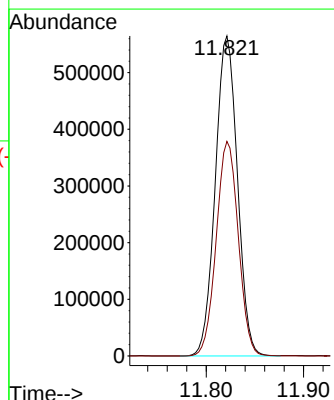
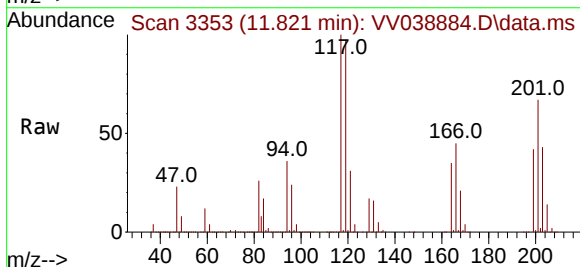
Delta R.T. 0.000 min

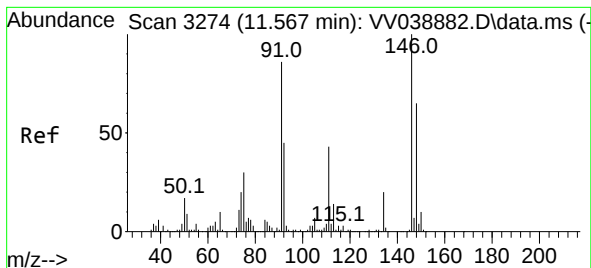
Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Tgt Ion: 117 Resp: 891873

Ion	Ratio	Lower	Upper
117	100		
201	66.9	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 149.111 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC150

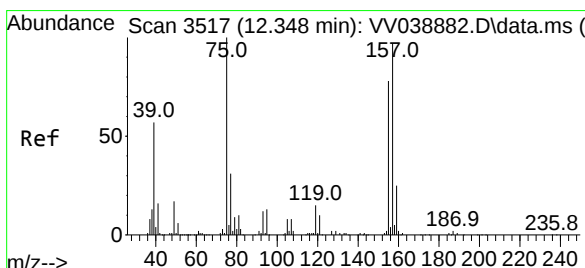
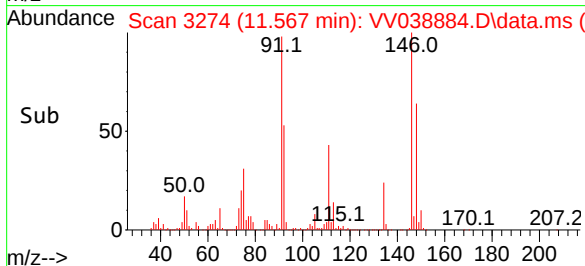
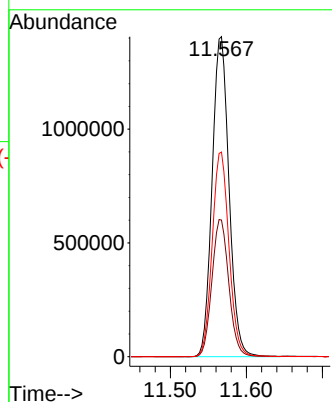
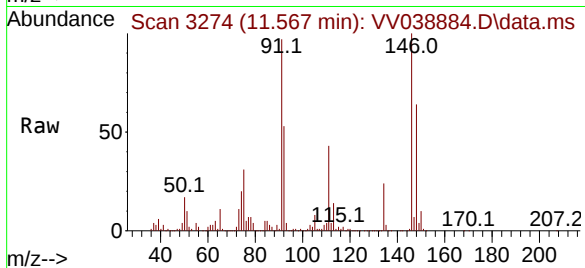
Tgt Ion:146 Resp: 2166691

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 149.661 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

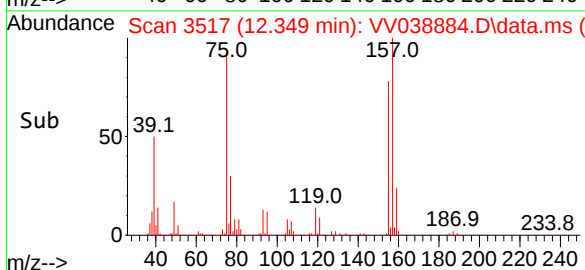
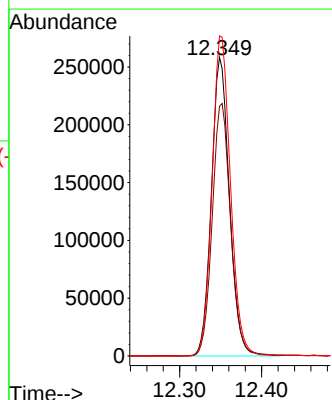
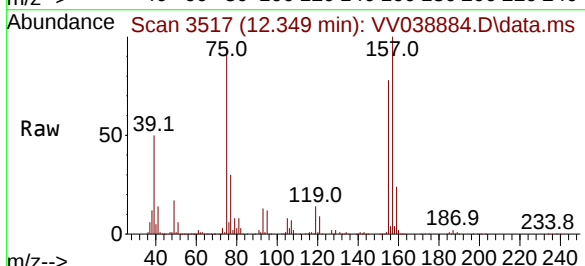
Tgt Ion: 75 Resp: 396215

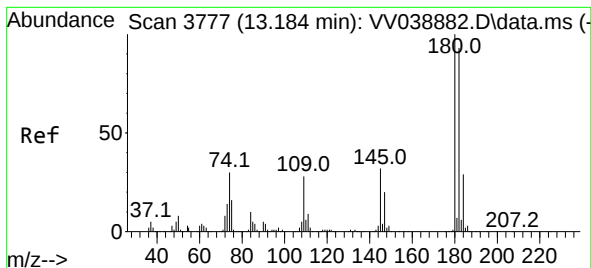
Ion Ratio Lower Upper

75 100

155 85.6 40.2 120.6

157 109.2 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 179.460 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC150

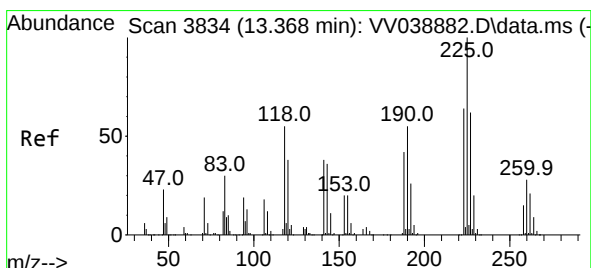
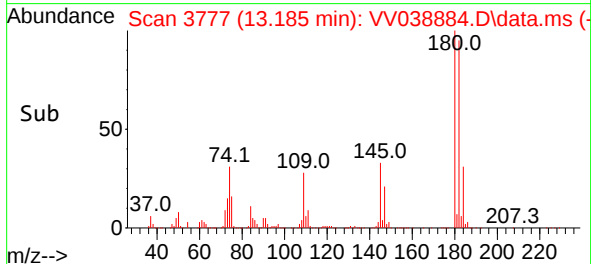
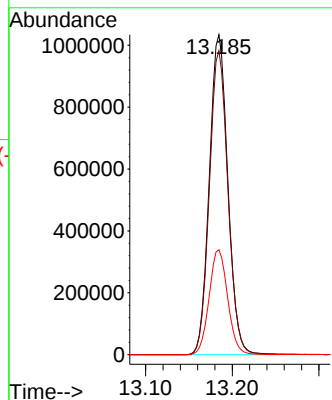
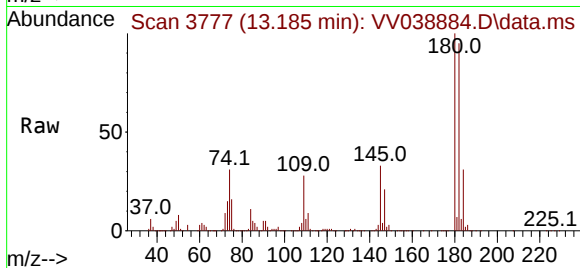
Tgt Ion:180 Resp: 1539292

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 32.9 16.2 48.6



#94

Hexachlorobutadiene

Concen: 147.340 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038884.D

Acq: 11 Jul 2025 10:43

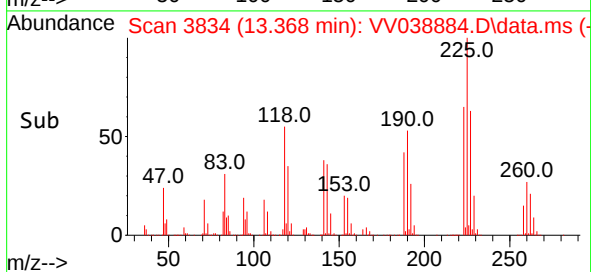
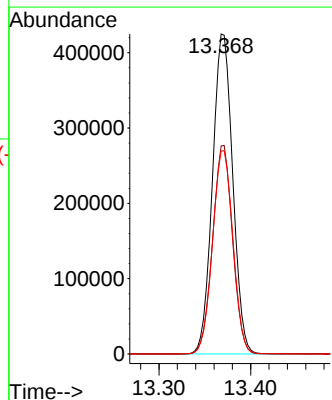
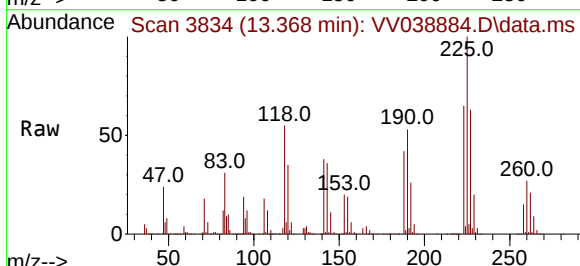
Tgt Ion:225 Resp: 650818

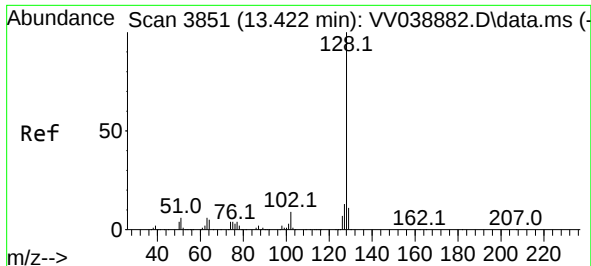
Ion Ratio Lower Upper

225 100

223 64.4 32.4 97.2

227 64.1 31.3 93.9

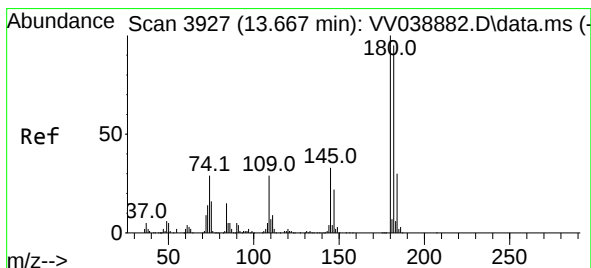
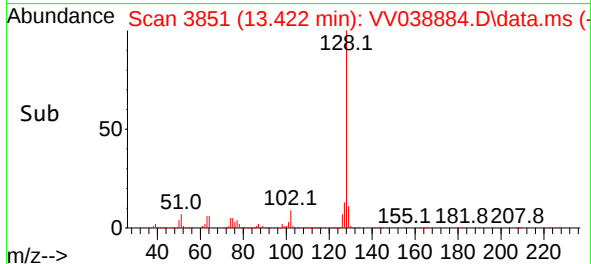
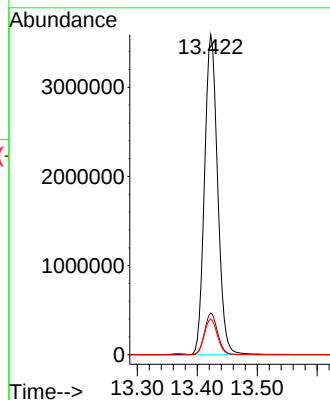
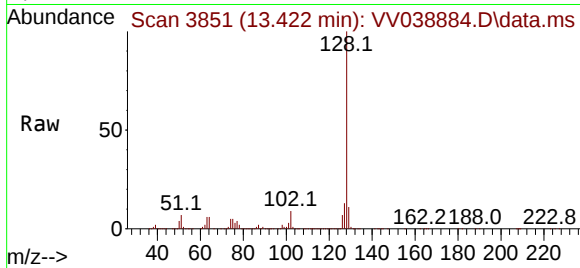




#95
Naphthalene
Concen: 197.038 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 5470654
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 174.933 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038884.D
Acq: 11 Jul 2025 10:43

Tgt Ion:180 Resp: 1555245
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 34.7 17.0 51.0

