

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039026.D
 Acq On : 25 Aug 2025 11:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 26 02:15:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:10:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	558151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	934664	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	909657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	489386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	737690	91.635	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 183.260%#	
35) Dibromofluoromethane	4.500	113	636078	94.499	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 189.000%#	
50) Toluene-d8	7.236	98	2364572	99.216	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 198.440%#	
62) 4-Bromofluorobenzene	10.001	95	909411	104.139	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 208.280%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	691211	92.477	ug/l	99
3) Chloromethane	1.230	50	718529	90.208	ug/l	98
4) Vinyl Chloride	1.298	62	856132	92.170	ug/l	99
5) Bromomethane	1.487	94	459734	98.502	ug/l	99
6) Chloroethane	1.555	64	505143	91.969	ug/l	100
7) Trichlorofluoromethane	1.722	101	1212388	90.674	ug/l	99
8) Diethyl Ether	1.918	74	475692	93.783	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	720450	89.441	ug/l	100
10) Methyl Iodide	2.195	142	796428	102.195	ug/l	95
11) Tert butyl alcohol	2.571	59	665199	460.312	ug/l	100
12) 1,1-Dichloroethene	2.079	96	705159	91.435	ug/l	99
13) Acrolein	2.008	56	216085	331.183	ug/l	98
14) Allyl chloride	2.355	41	1068559	88.029	ug/l	98
15) Acrylonitrile	2.671	53	2004325	465.065	ug/l	99
16) Acetone	2.117	43	2069616	407.043	ug/l	99
17) Carbon Disulfide	2.253	76	1988678	92.892	ug/l	100
18) Methyl Acetate	2.378	43	914067	92.285	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	2203069	96.947	ug/l	99
20) Methylene Chloride	2.455	84	723603	87.149	ug/l	95
21) trans-1,2-Dichloroethene	2.699	96	694747	89.878	ug/l	95
22) Diisopropyl ether	3.214	45	2133363	96.572	ug/l	93
23) Vinyl Acetate	3.185	43	9084310	501.528	ug/l	99
24) 1,1-Dichloroethane	3.117	63	1245142	89.974	ug/l	99
25) 2-Butanone	3.857	43	2547893	455.535	ug/l	99
26) 2,2-Dichloropropane	3.812	77	1089707	91.601	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	819824	95.693	ug/l	98
28) Bromochloromethane	4.146	49	277326	100.353	ug/l	97
29) Tetrahydrofuran	4.230	42	1683206	488.304	ug/l	98
30) Chloroform	4.278	83	1286127	89.352	ug/l	98
31) Cyclohexane	4.584	56	1091668	89.194	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	1167209	92.123	ug/l	99
36) 1,1-Dichloropropene	4.744	75	894461	98.876	ug/l	99
37) Ethyl Acetate	3.970	43	981437	92.432	ug/l	98
38) Carbon Tetrachloride	4.735	117	1016587	93.844	ug/l	100
39) Methylcyclohexane	6.047	83	1228118	105.754	ug/l	99
40) Benzene	5.008	78	2765615	95.662	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	466438	100.155	ug/l	97
42) 1,2-Dichloroethane	5.037	62	924720	91.730	ug/l	100
43) Isopropyl Acetate	5.188	43	1564853	103.558	ug/l	98
44) Trichloroethene	5.828	130	719731	99.154	ug/l	100
45) 1,2-Dichloropropane	6.088	63	694914	94.551	ug/l	98
46) Dibromomethane	6.223	93	528879	94.888	ug/l	100
47) Bromodichloromethane	6.426	83	1123897	97.861	ug/l	99
48) Methyl methacrylate	6.291	41	754813	102.354	ug/l	99
49) 1,4-Dioxane	6.288	88	257905	2066.532	ug/l	88
51) 4-Methyl-2-Pentanone	7.146	43	5609572	523.337	ug/l	99
52) Toluene	7.307	92	1901323	103.114	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	1176005	106.666	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	1268260	107.083	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	755677	98.231	ug/l	99
56) Ethyl methacrylate	7.712	69	1219644	119.530	ug/l	99
57) 1,3-Dichloropropane	7.934	76	1254595	101.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	3178545	501.471	ug/l	99
59) 2-Hexanone	8.063	43	4176903	526.827	ug/l	98
60) Dibromochloromethane	8.169	129	893118	100.358	ug/l	99
61) 1,2-Dibromoethane	8.272	107	804862	101.370	ug/l	100
64) Tetrachloroethene	7.899	164	620626	95.973	ug/l	99
65) Chlorobenzene	8.802	112	2072667	95.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	723394	95.186	ug/l	100
67) Ethyl Benzene	8.937	91	3643260	105.794	ug/l	99
68) m/p-Xylenes	9.063	106	2803445	211.726	ug/l	99
69) o-Xylene	9.468	106	1362224	112.368	ug/l	99
70) Styrene	9.484	104	2345148	109.806	ug/l	99
71) Bromoform	9.654	173	620920	101.044	ug/l #	100
73) Isopropylbenzene	9.857	105	3666873	106.914	ug/l	100
74) N-amyl acetate	9.722	43	1525983	108.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1213175	89.790	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	885593	92.187	ug/l	76
77) Bromobenzene	10.140	156	842455	99.149	ug/l	99
78) n-propylbenzene	10.278	91	4343780	107.288	ug/l	99
79) 2-Chlorotoluene	10.349	91	2516555	100.878	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	3034101	107.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	467156	106.945	ug/l	99
82) 4-Chlorotoluene	10.461	91	2972688	104.749	ug/l	100
83) tert-Butylbenzene	10.789	119	2943590	102.798	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	2921204	106.054	ug/l	100
85) sec-Butylbenzene	11.011	105	3885782	103.185	ug/l	100
86) p-Isopropyltoluene	11.165	119	3294477	104.913	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1658427	97.643	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	1675532	91.556	ug/l	99
89) n-Butylbenzene	11.580	91	3211339	106.027	ug/l	99
90) Hexachloroethane	11.821	117	646897	92.217	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	1596077	96.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	272885	92.977	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	1045383	109.514	ug/l	100
94) Hexachlorobutadiene	13.368	225	409706	91.787	ug/l	100
95) Naphthalene	13.422	128	3801809	114.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	1057233	109.302	ug/l	100

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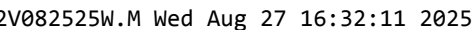
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MSVOA_V
ClientSampleId :
VSTDICC100

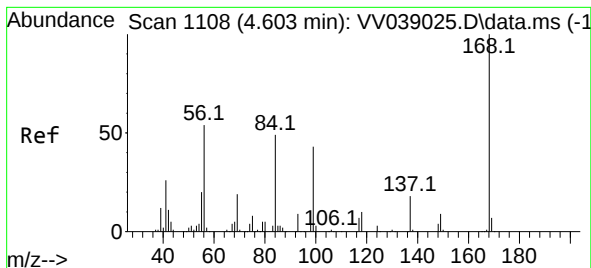
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Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.003 min

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ClientSampleId :

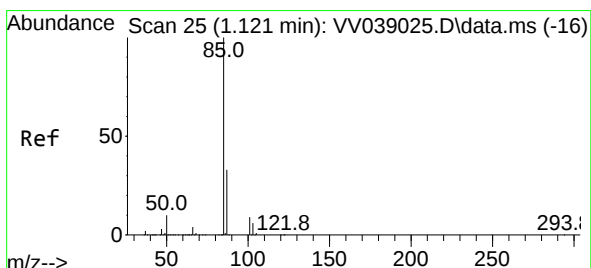
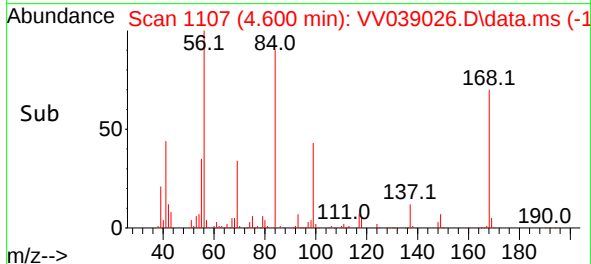
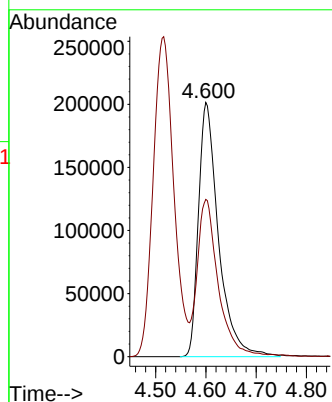
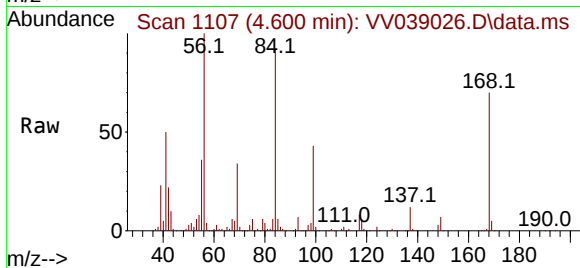
VSTDICC100

Tgt Ion:168 Resp: 558151

Ion Ratio Lower Upper

168 100

99 61.2 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 92.477 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039026.D

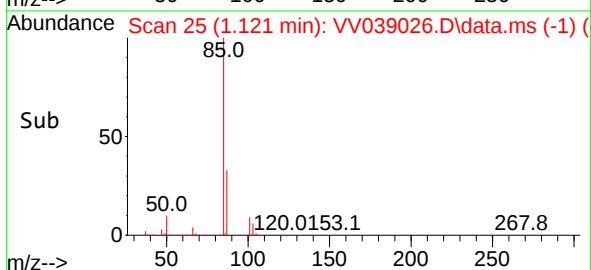
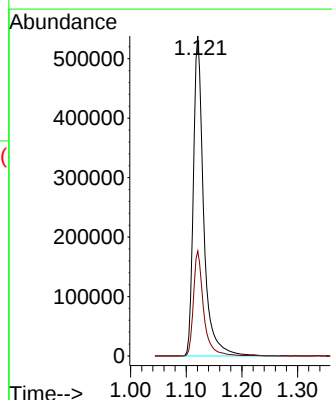
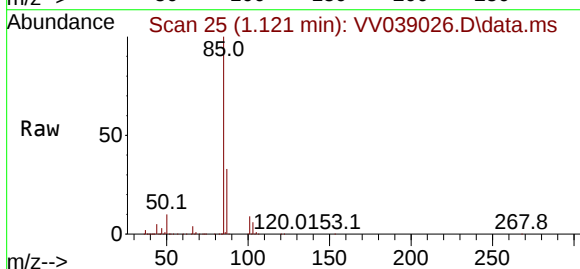
Acq: 25 Aug 2025 11:46

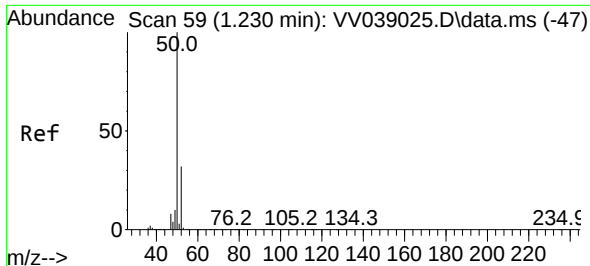
Tgt Ion: 85 Resp: 691211

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.8

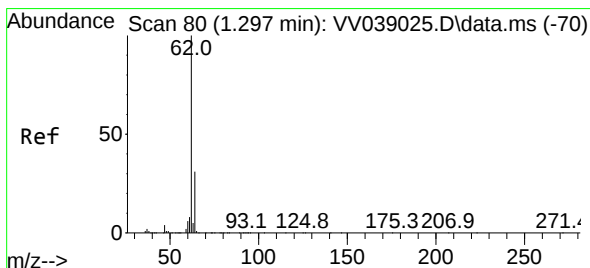
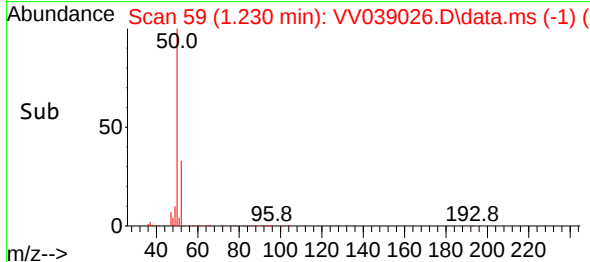
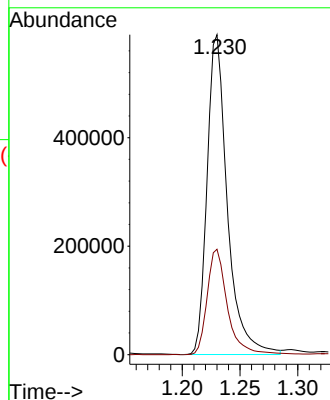
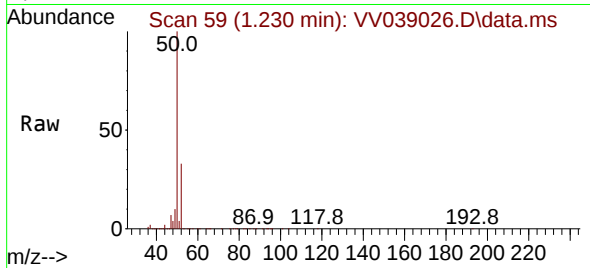




#3
Chloromethane
Concen: 90.208 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

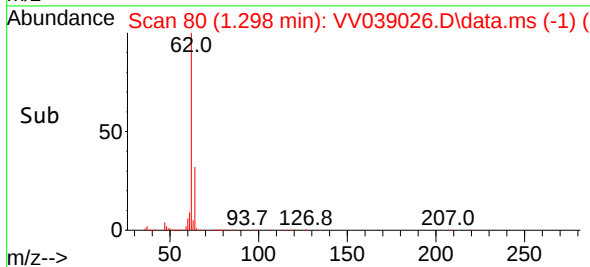
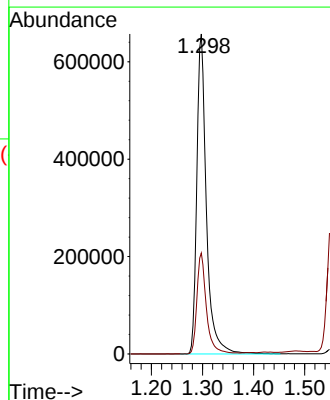
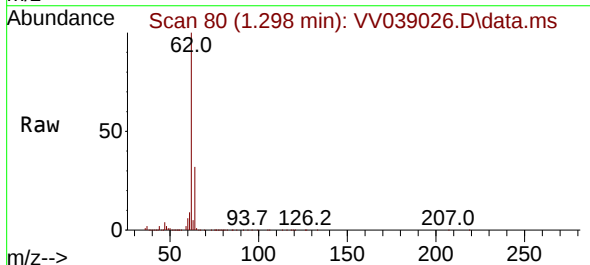
Instrument :
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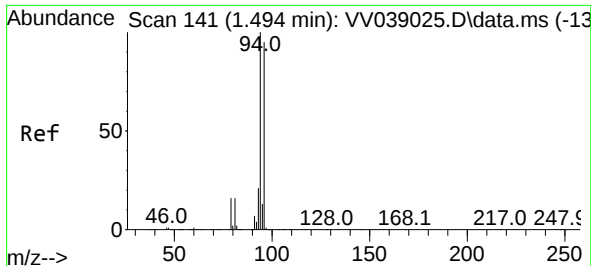
Tgt Ion: 50 Resp: 718529
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 92.170 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 62 Resp: 856132
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1

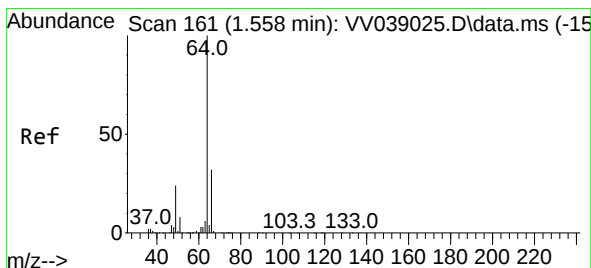
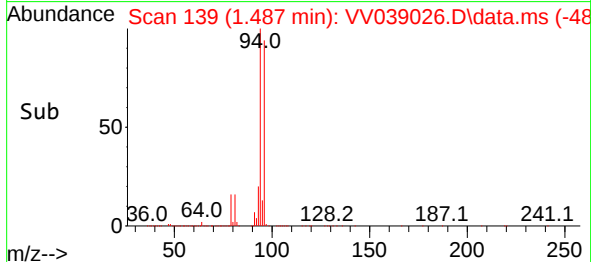
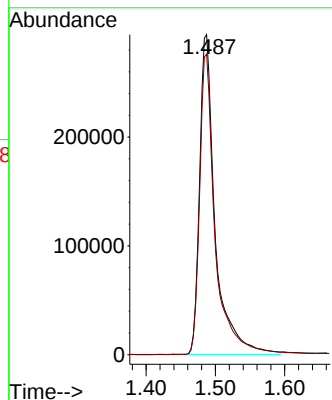
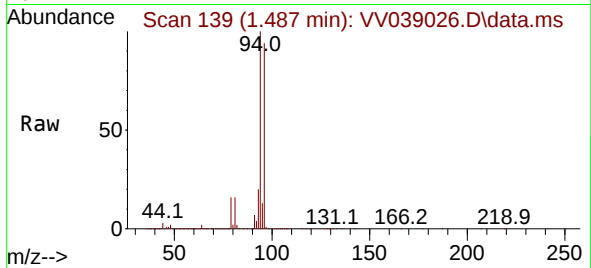




#5
Bromomethane
Concen: 98.502 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV039026.D
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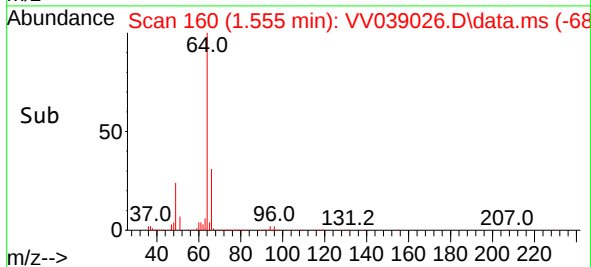
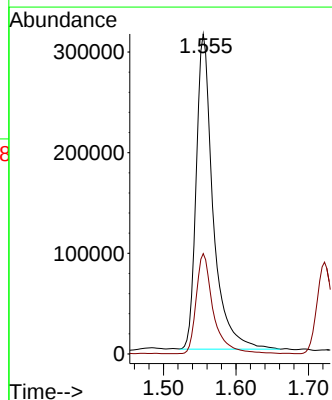
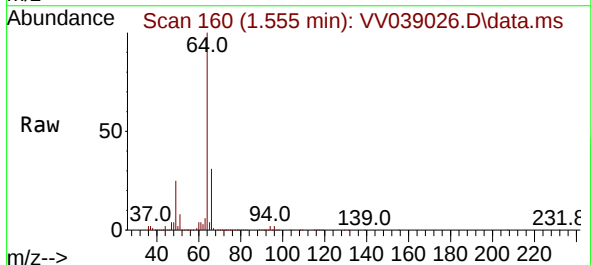
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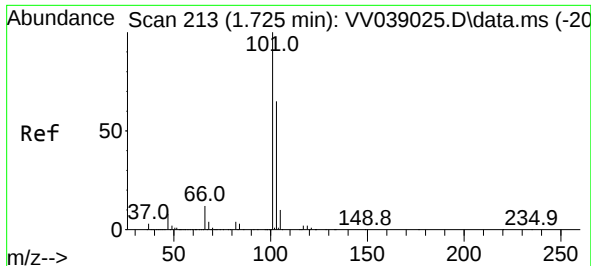
Tgt Ion: 94 Resp: 459734
Ion Ratio Lower Upper
94 100
96 93.9 76.2 114.2



#6
Chloroethane
Concen: 91.969 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV039026.D
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Tgt Ion: 64 Resp: 505143
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2

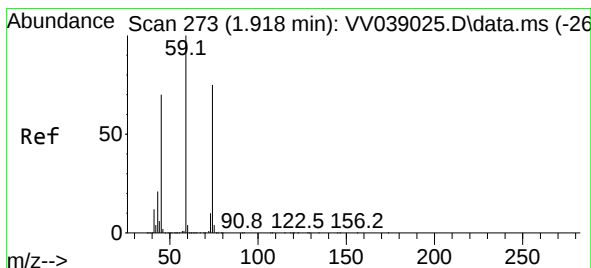
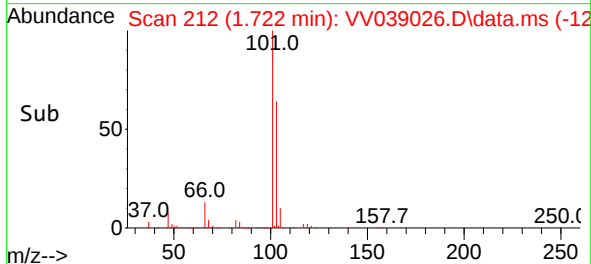
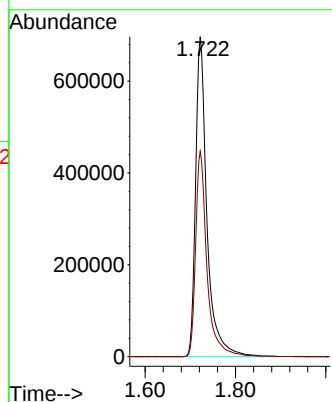
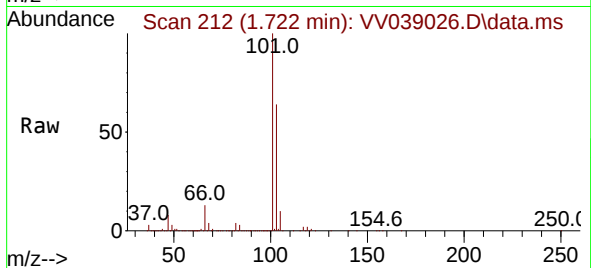




#7
 Trichlorofluoromethane
 Concen: 90.674 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

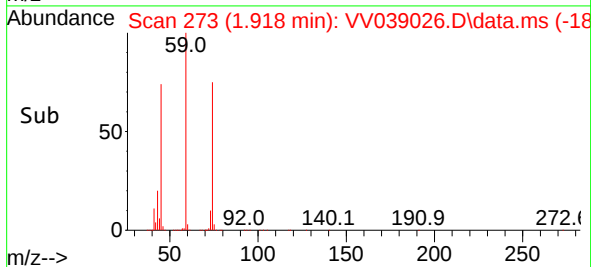
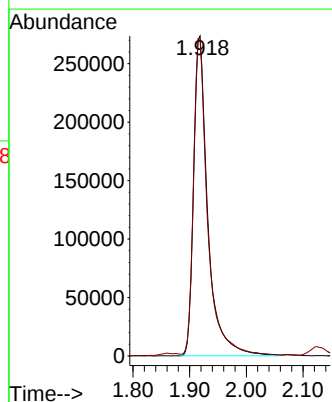
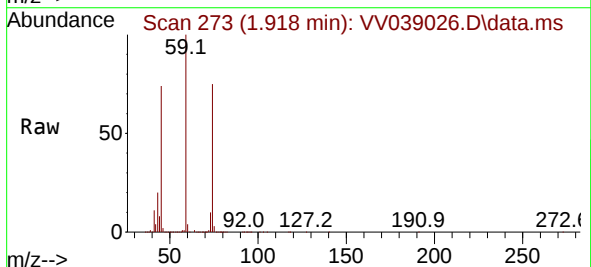
Instrument :
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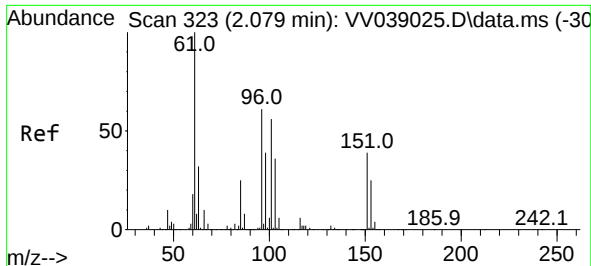
Tgt Ion:101 Resp: 1212388
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.7 77.5



#8
 Diethyl Ether
 Concen: 93.783 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 475692
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.1 144.4

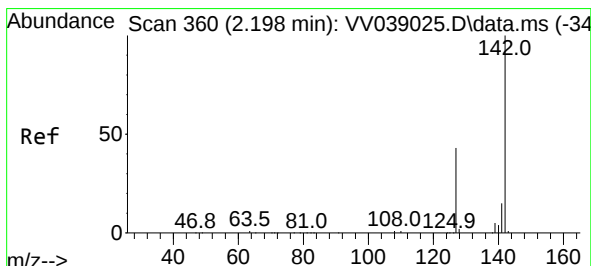
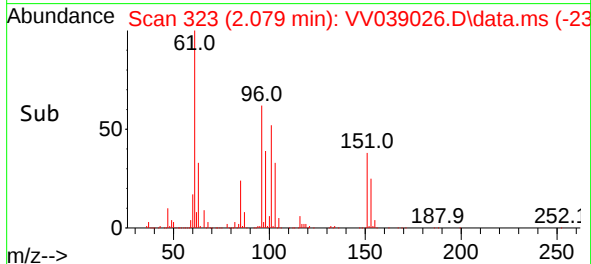
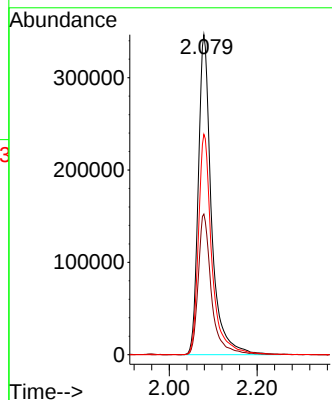
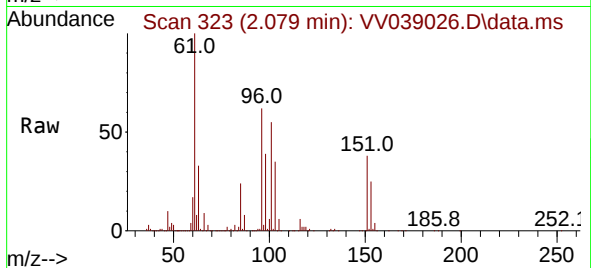




#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.441 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

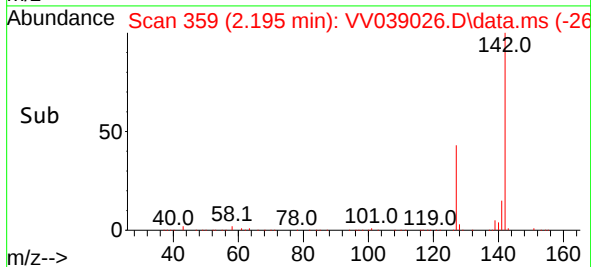
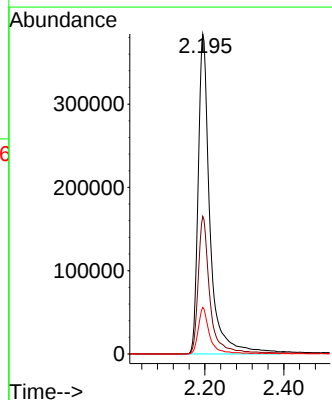
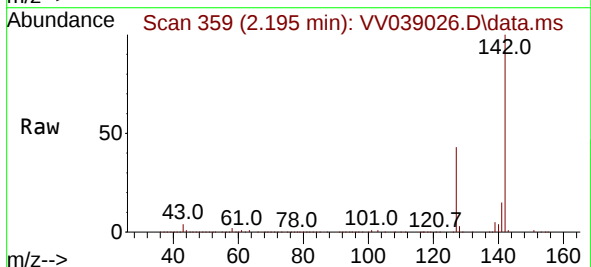
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

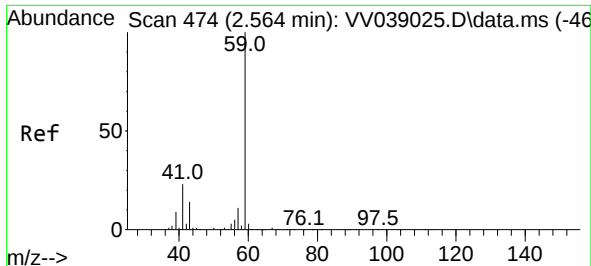
Tgt Ion:101 Resp: 720450
Ion Ratio Lower Upper
101 100
85 44.2 35.5 53.3
151 70.5 56.1 84.1



#10
Methyl Iodide
Concen: 102.195 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:142 Resp: 796428
Ion Ratio Lower Upper
142 100
127 41.1 35.7 53.5
141 13.5 11.6 17.4

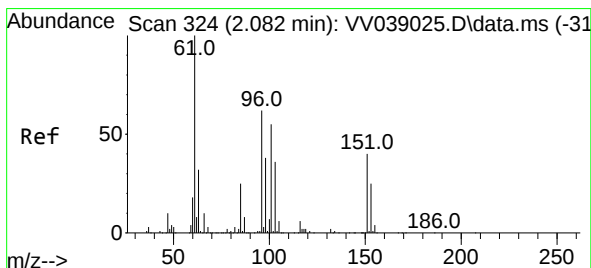
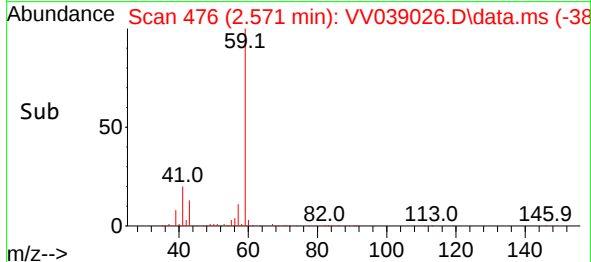
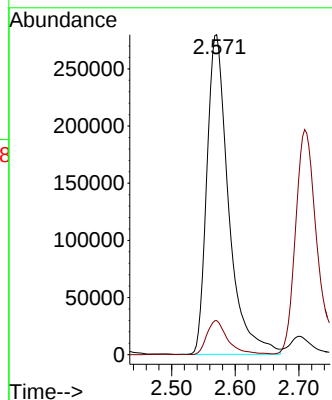
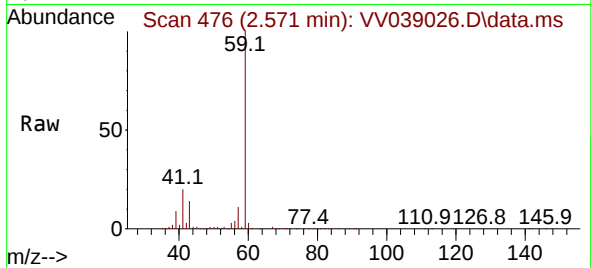




#11
Tert butyl alcohol
Concen: 460.312 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

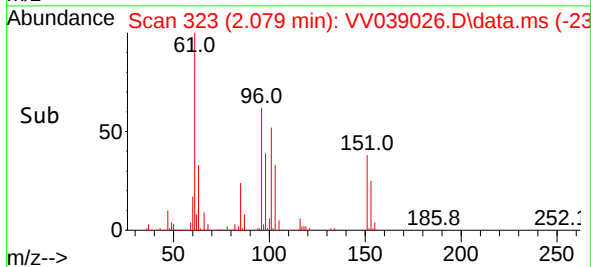
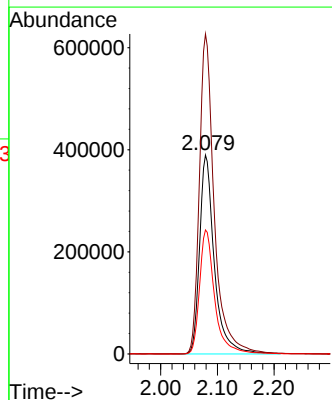
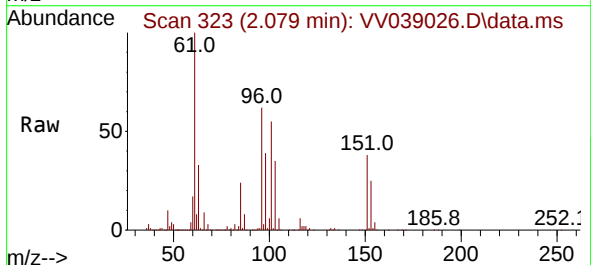
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

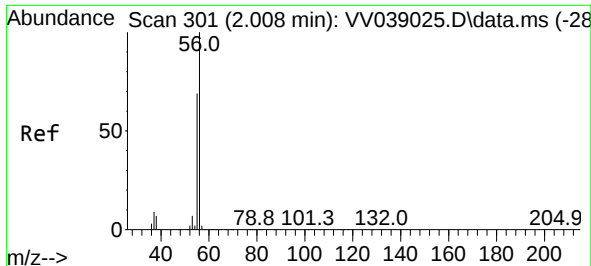
Tgt Ion: 59 Resp: 665199
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 91.435 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 96 Resp: 705159
Ion Ratio Lower Upper
96 100
61 160.8 128.2 192.2
98 62.3 49.3 73.9

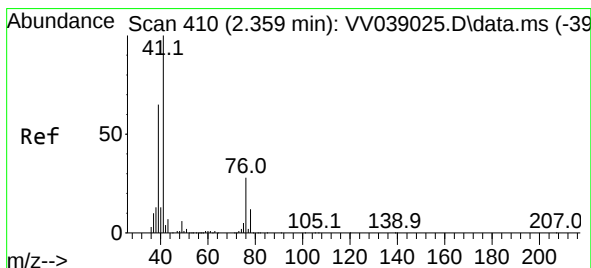
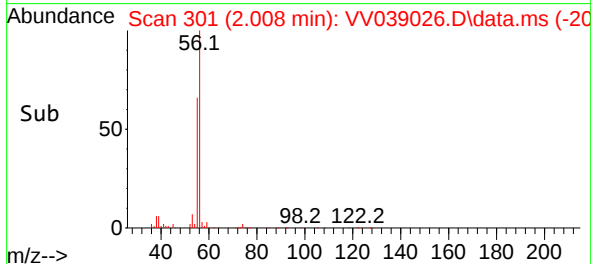
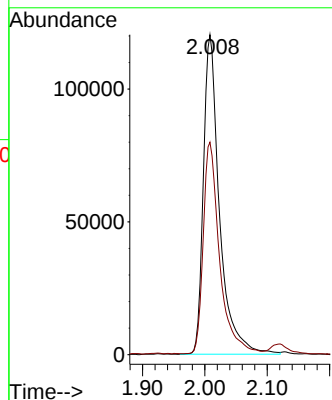
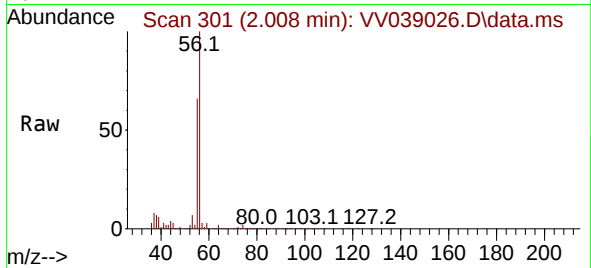




#13
Acrolein
Concen: 331.183 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

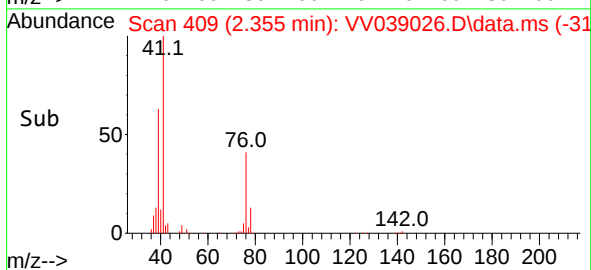
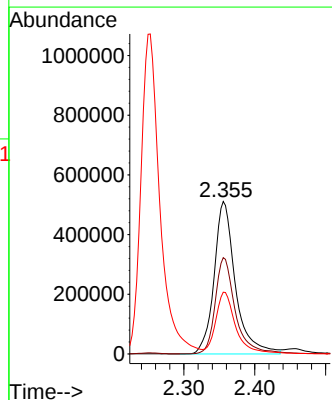
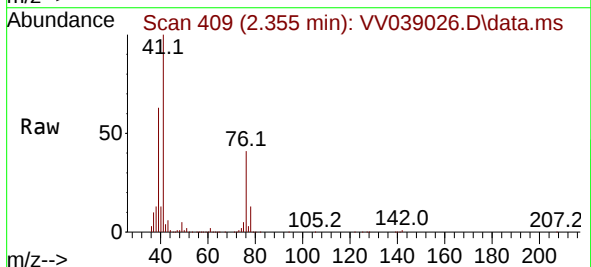
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

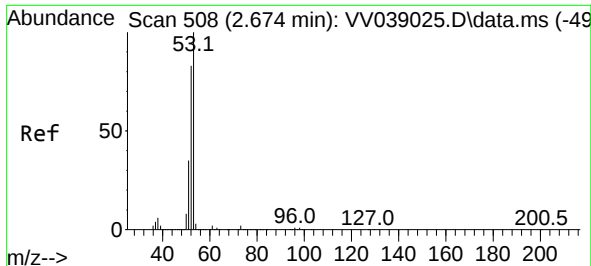
Tgt Ion: 56 Resp: 216085
Ion Ratio Lower Upper
56 100
55 67.0 54.7 82.1



#14
Allyl chloride
Concen: 88.029 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 41 Resp: 1068559
Ion Ratio Lower Upper
41 100
39 59.9 48.5 72.7
76 38.1 29.0 43.6

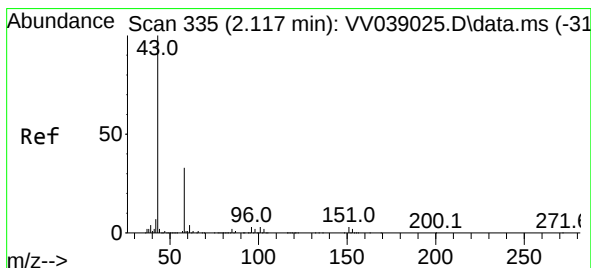
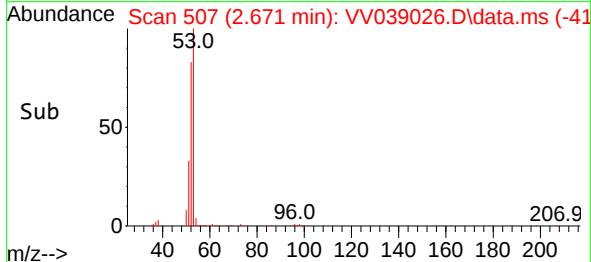
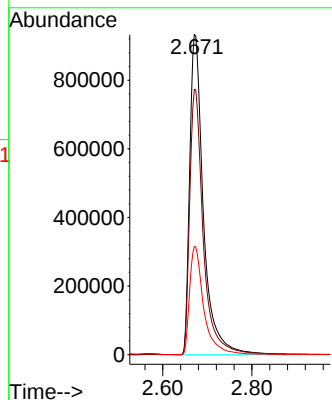
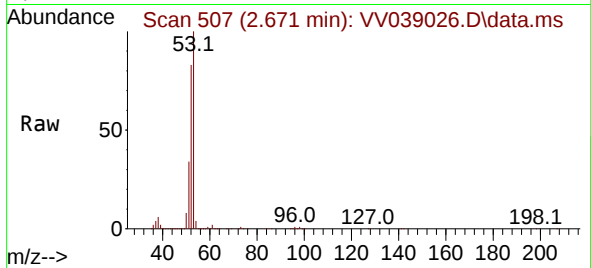




#15
Acrylonitrile
Concen: 465.065 ug/l
RT: 2.671 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

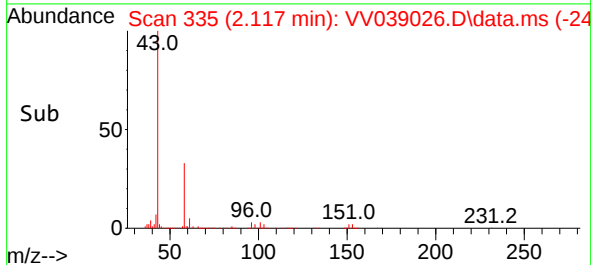
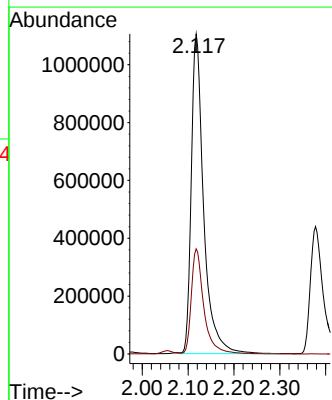
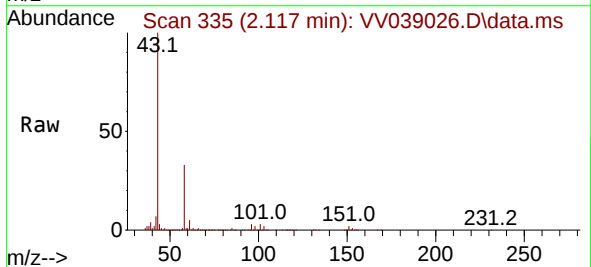
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

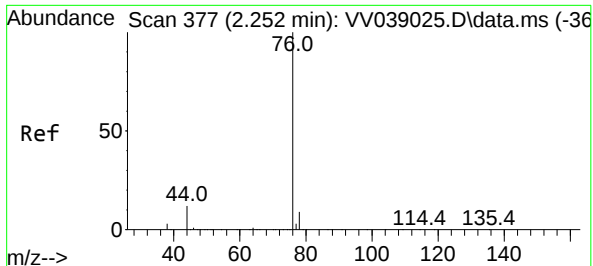
Tgt Ion: 53 Resp: 2004325
Ion Ratio Lower Upper
53 100
52 81.9 65.9 98.9
51 34.6 27.9 41.9



#16
Acetone
Concen: 407.043 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 43 Resp: 2069616
Ion Ratio Lower Upper
43 100
58 32.8 26.6 40.0

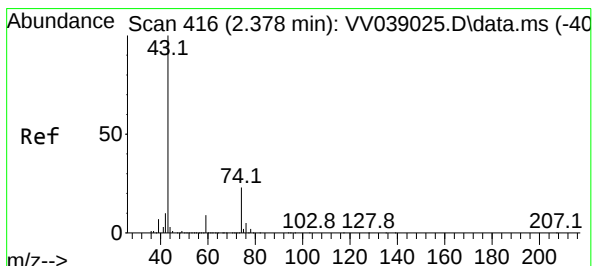
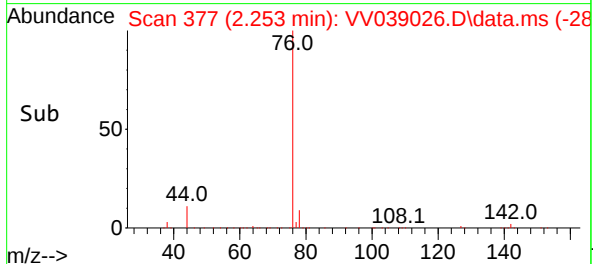
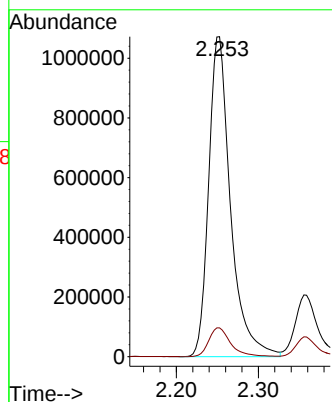
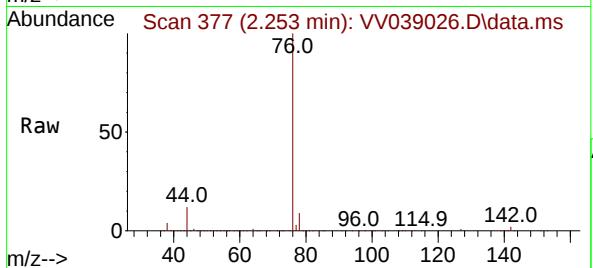




#17
Carbon Disulfide
Concen: 92.892 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

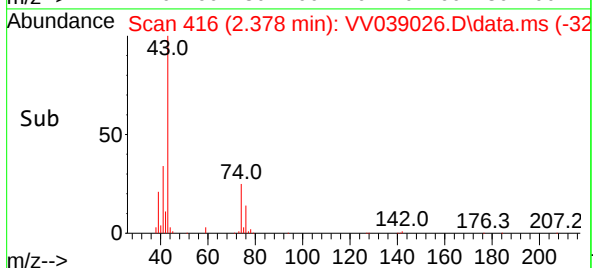
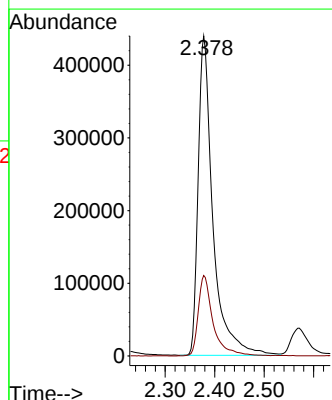
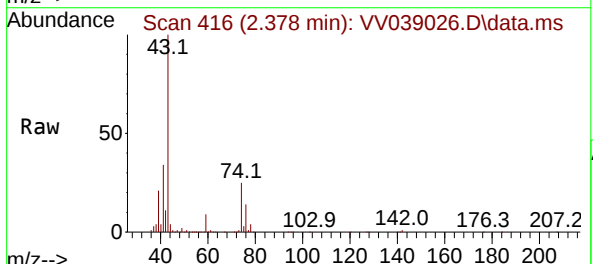
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

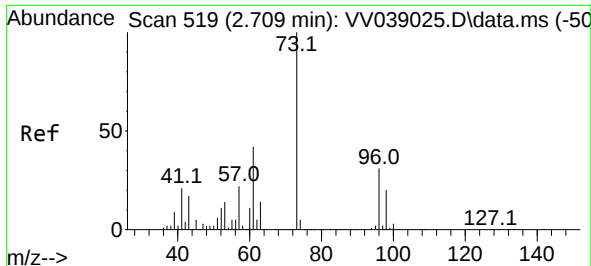
Tgt Ion: 76 Resp: 1988678
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 92.285 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 43 Resp: 914067
Ion Ratio Lower Upper
43 100
74 25.5 18.9 28.3

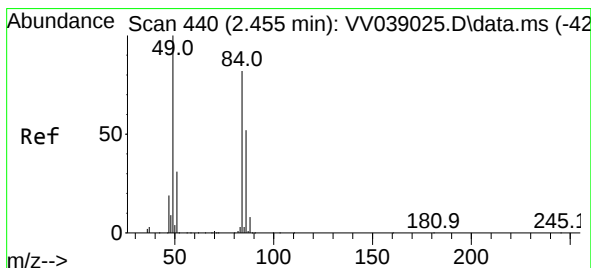
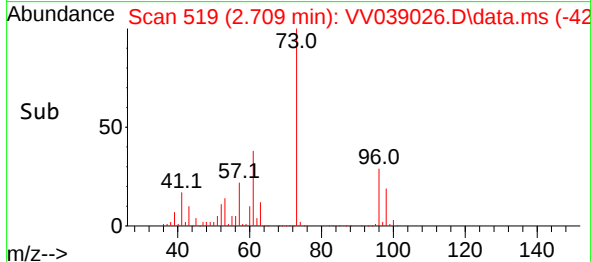
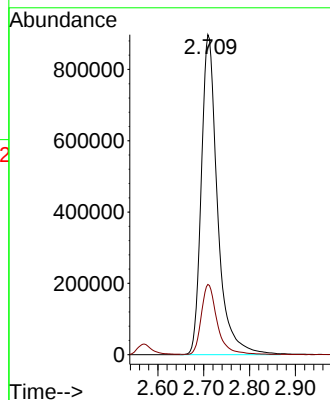
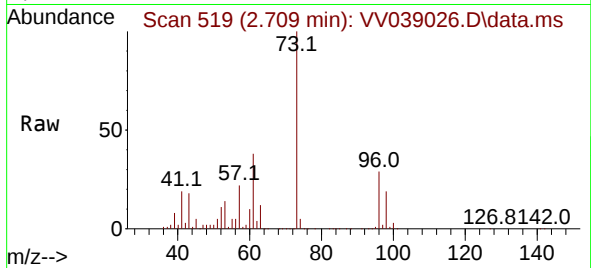




#19
Methyl tert-butyl Ether
Concen: 96.947 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

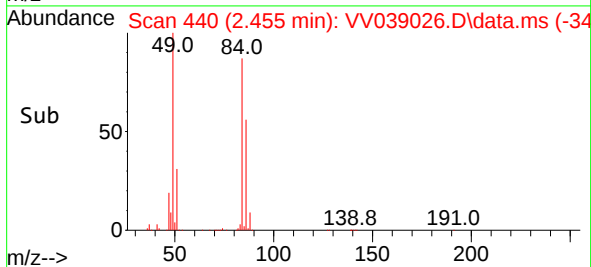
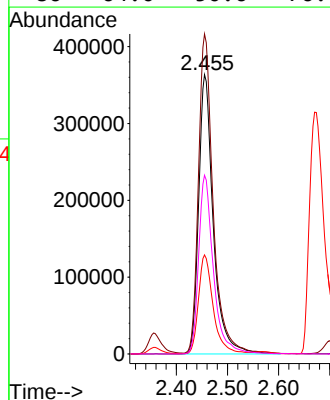
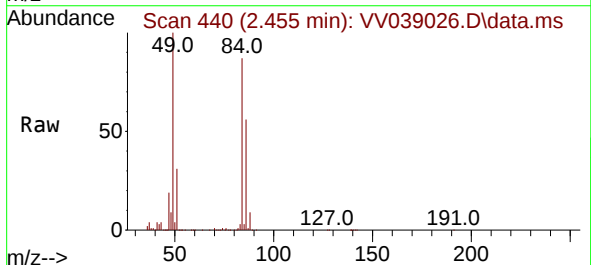
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

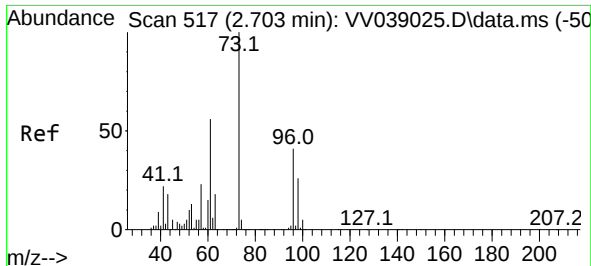
Tgt Ion: 73 Resp: 2203069
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9



#20
Methylene Chloride
Concen: 87.149 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 84 Resp: 723603
Ion Ratio Lower Upper
84 100
49 114.3 97.8 146.8
51 35.3 30.3 45.5
86 64.0 50.6 76.0

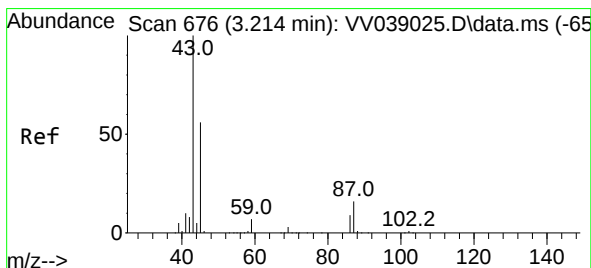
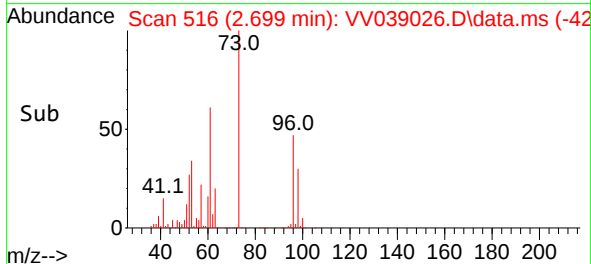
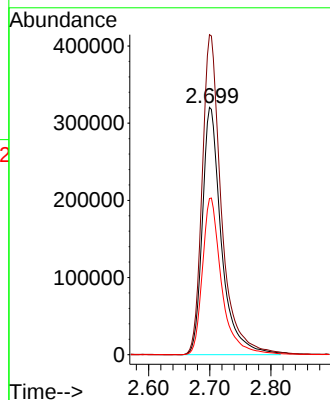
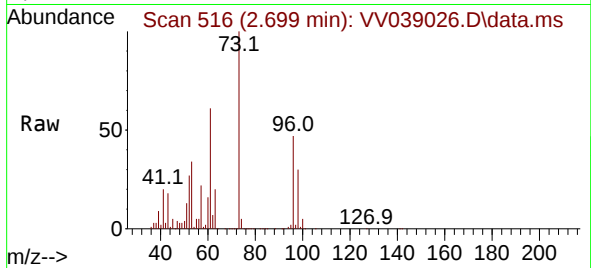




#21
trans-1,2-Dichloroethene
Concen: 89.878 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

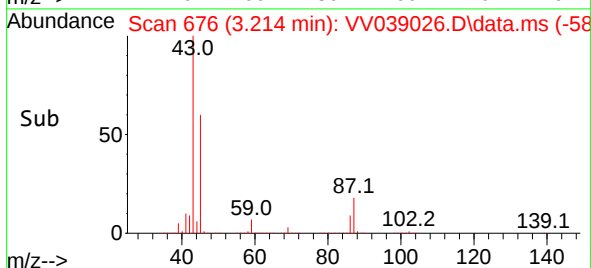
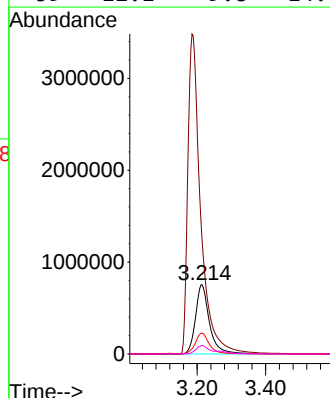
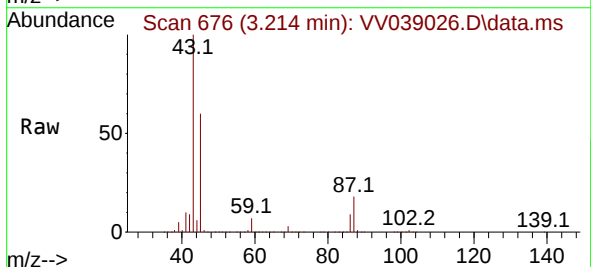
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

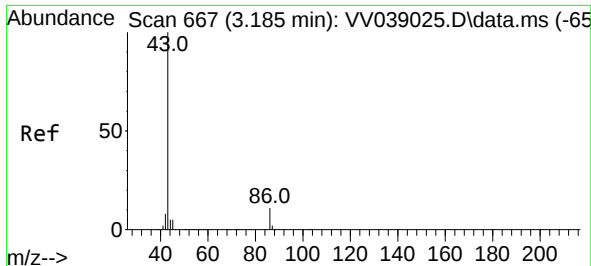
Tgt Ion: 96 Resp: 694747
Ion Ratio Lower Upper
96 100
61 129.4 110.1 165.1
98 63.2 50.2 75.4



#22
Diisopropyl ether
Concen: 96.572 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 45 Resp: 2133363
Ion Ratio Lower Upper
45 100
43 167.1 143.0 214.4
87 30.0 23.8 35.6
59 12.1 9.8 14.8

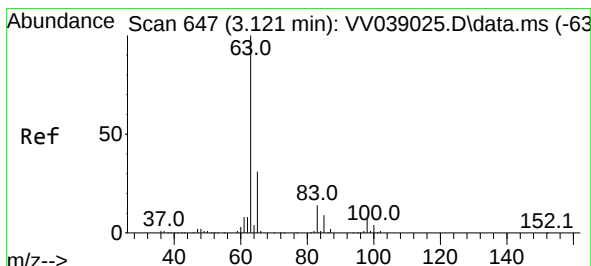
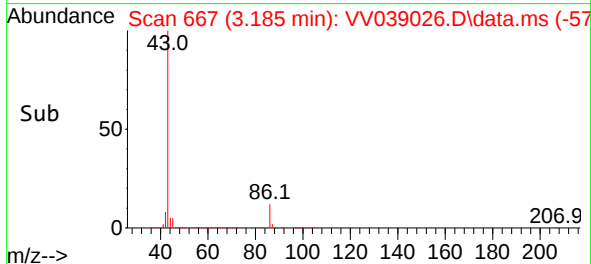
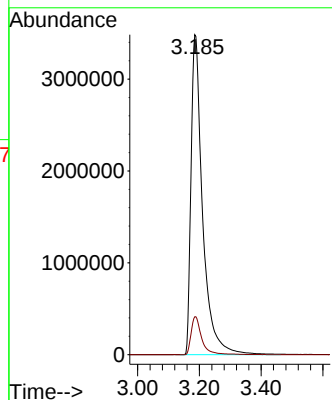
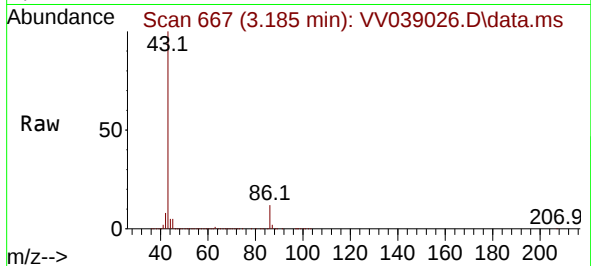




#23
 Vinyl Acetate
 Concen: 501.528 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

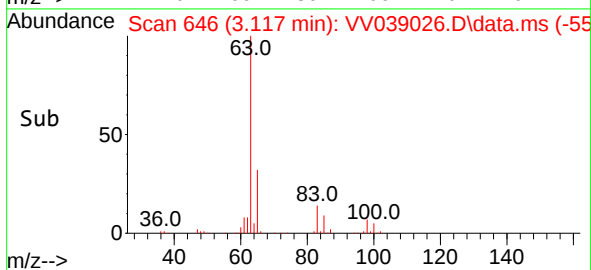
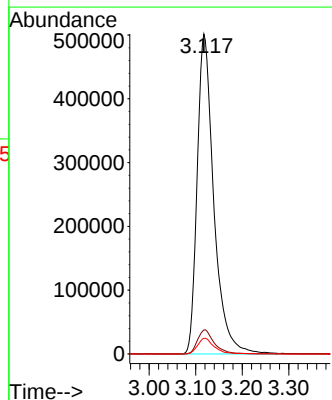
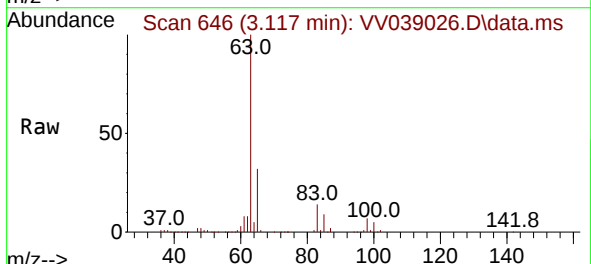
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

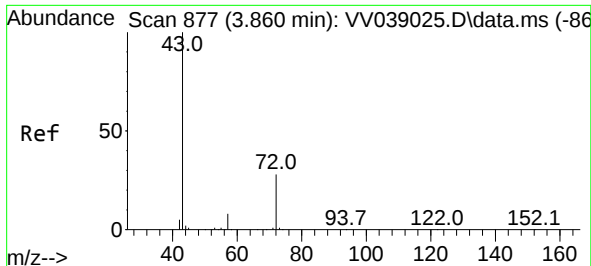
Tgt Ion: 43 Resp: 9084310
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 89.974 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.003 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

Tgt Ion: 63 Resp: 1245142
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.9 2.2 6.6

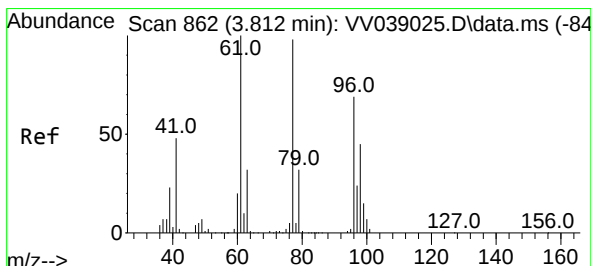
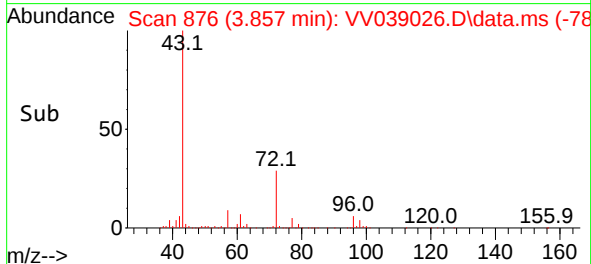
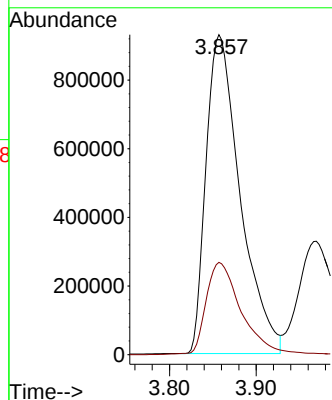
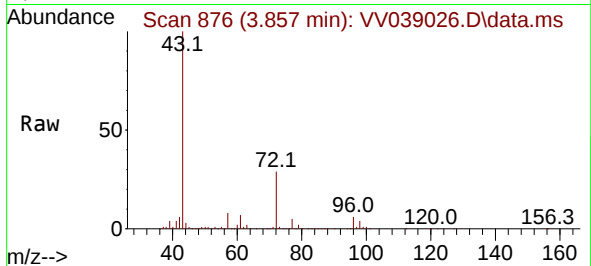




#25
2-Butanone
Concen: 455.535 ug/l
RT: 3.857 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

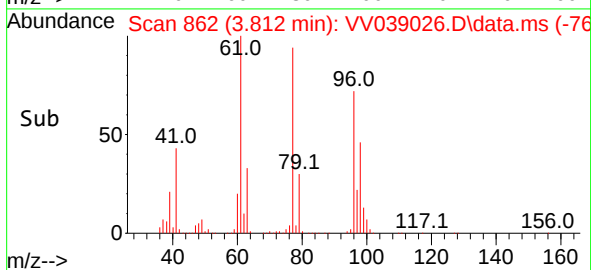
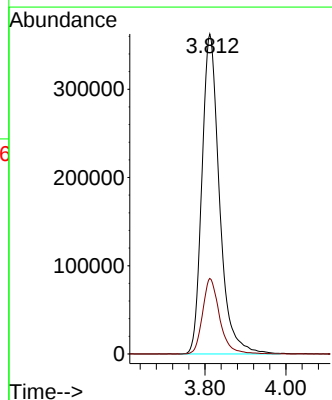
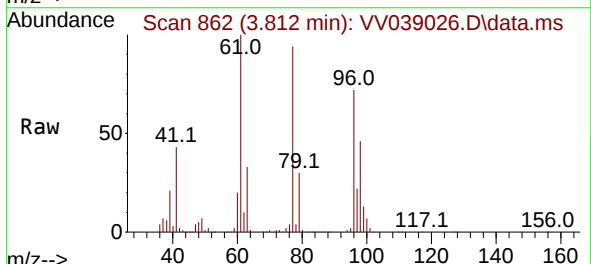
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

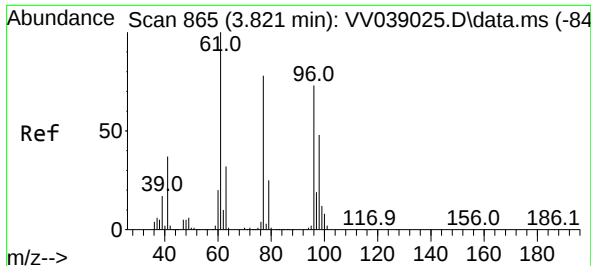
Tgt Ion: 43 Resp: 2547893
Ion Ratio Lower Upper
43 100
72 28.6 22.6 33.8



#26
2,2-Dichloropropane
Concen: 91.601 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 77 Resp: 1089707
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4



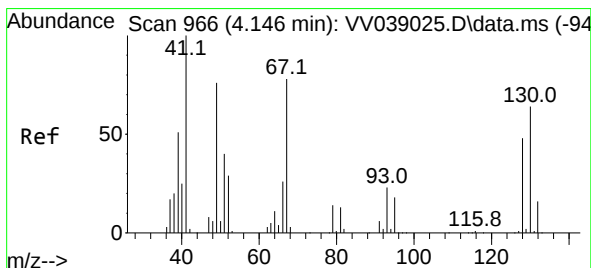
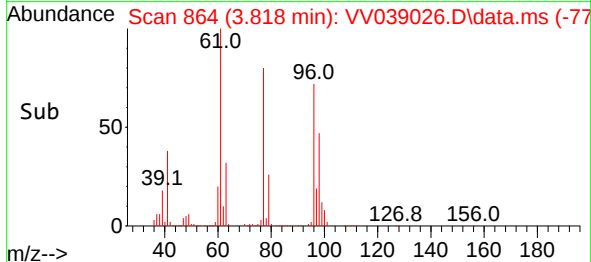
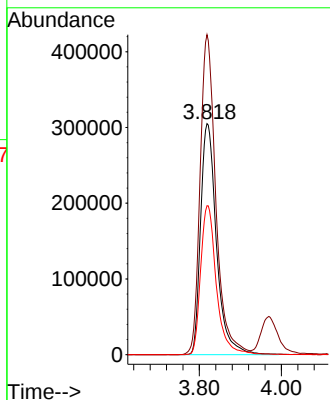
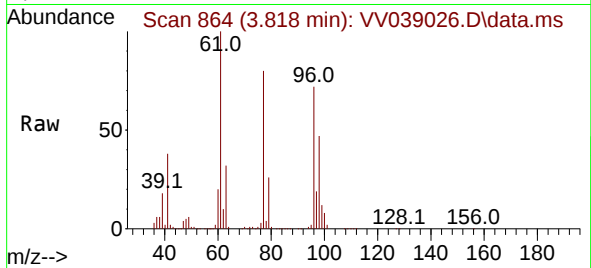


#27
 cis-1,2-Dichloroethene
 Concen: 95.693 ug/l
 RT: 3.818 min Scan# 865
 Delta R.T. -0.003 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 819824

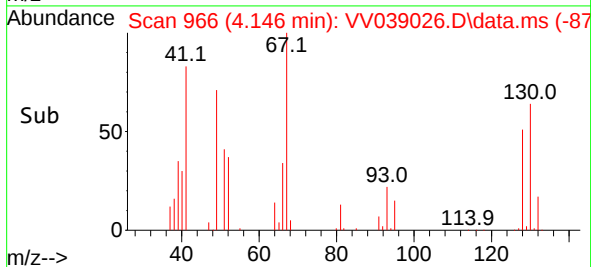
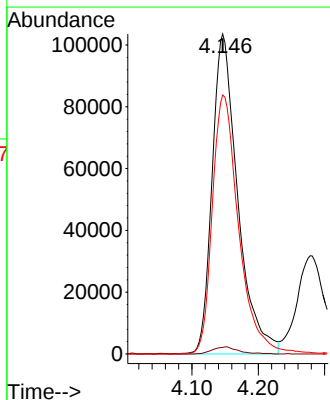
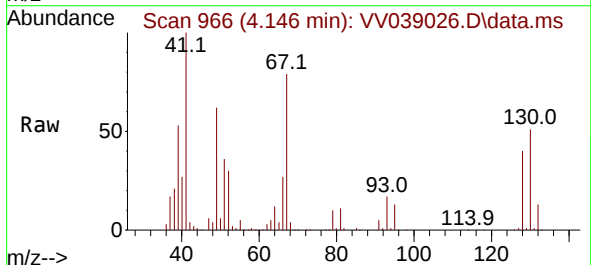
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	280.8
98	63.6	0.0	130.2

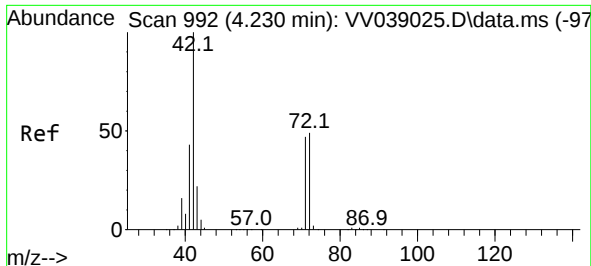


#28
 Bromochloromethane
 Concen: 100.353 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

Tgt Ion: 49 Resp: 277326

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	83.7	64.9	97.3





#29

Tetrahydrofuran

Concen: 488.304 ug/l

RT: 4.230 min Scan# 992

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

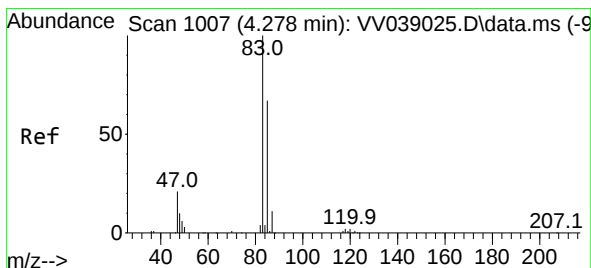
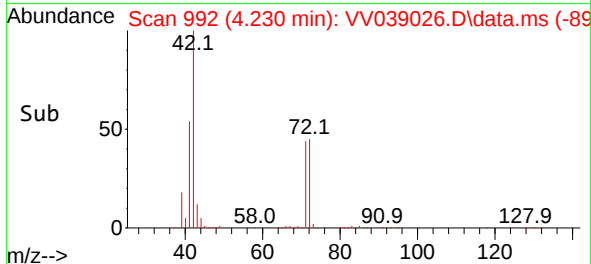
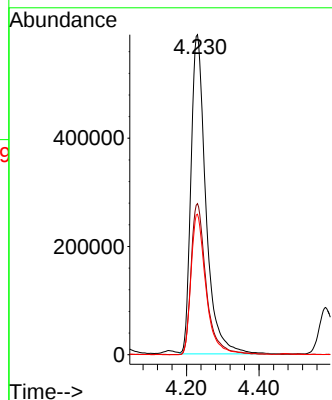
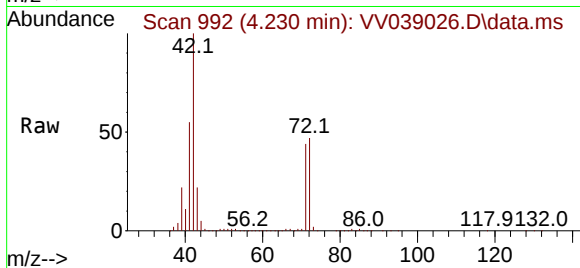
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 1683206

Ion	Ratio	Lower	Upper
42	100		
72	48.1	39.0	58.4
71	44.4	37.0	55.6



#30

Chloroform

Concen: 89.352 ug/l

RT: 4.278 min Scan# 1007

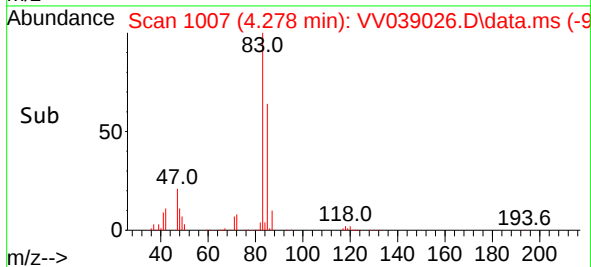
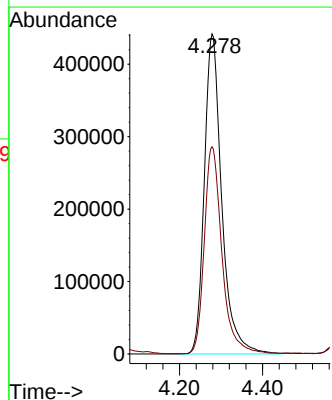
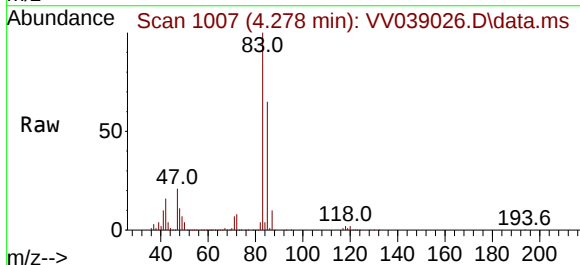
Delta R.T. 0.000 min

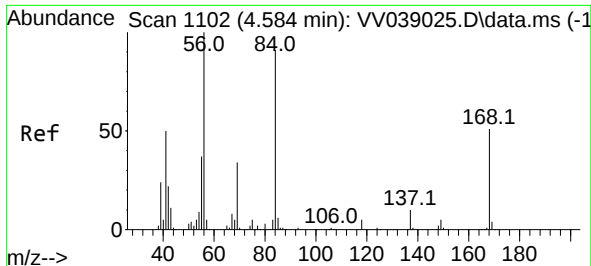
Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Tgt Ion: 83 Resp: 1286127

Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.2	79.8

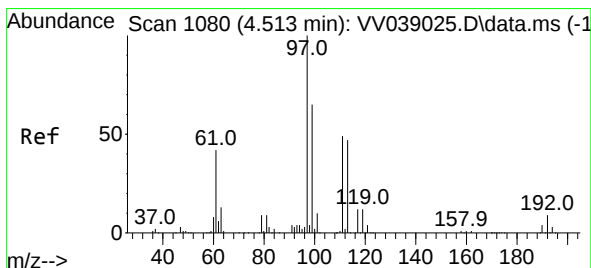
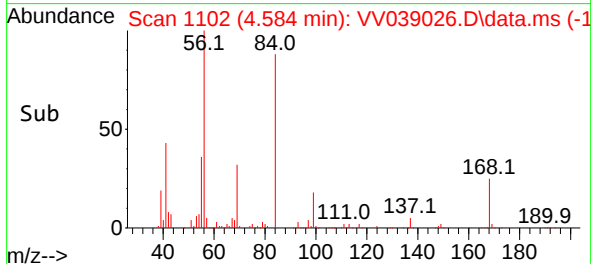
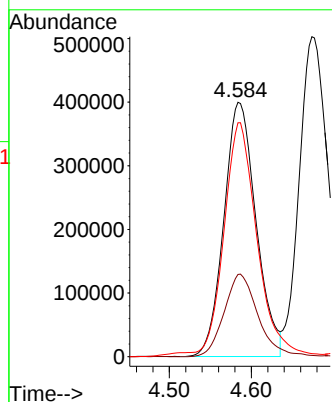
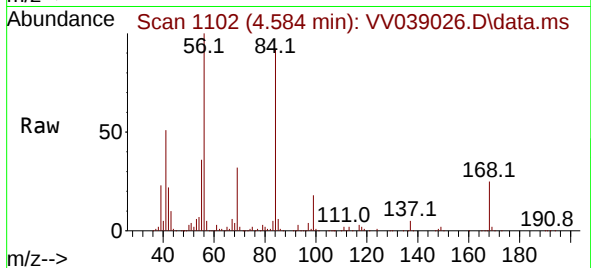




#31
Cyclohexane
Concen: 89.194 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

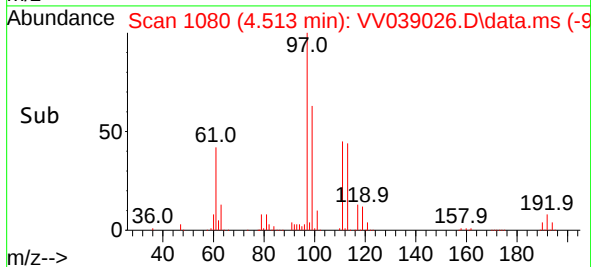
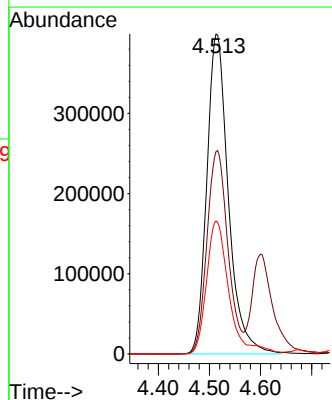
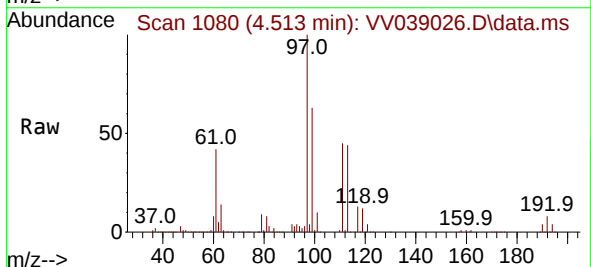
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

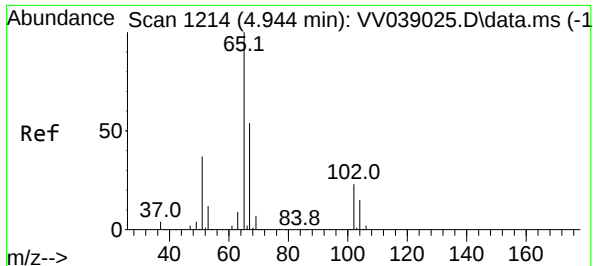
Tgt Ion: 56 Resp: 1091668
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.4
84 90.4 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 92.123 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 97 Resp: 1167209
Ion Ratio Lower Upper
97 100
99 62.0 49.8 74.6
61 43.4 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 91.635 ug/l

RT: 4.941 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

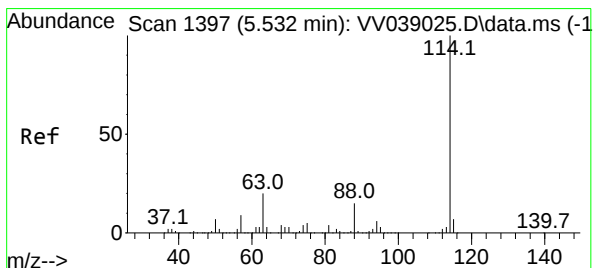
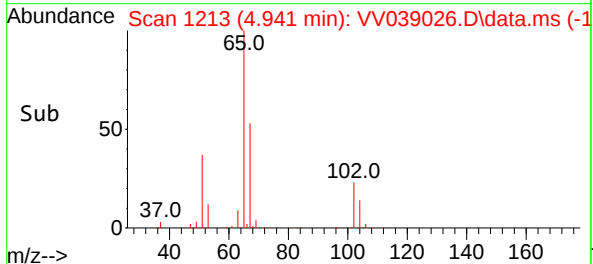
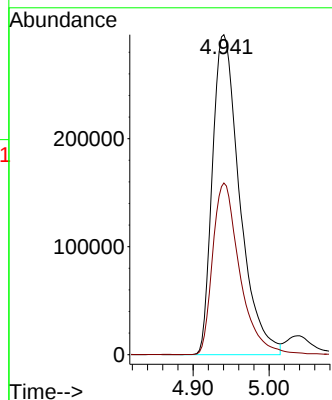
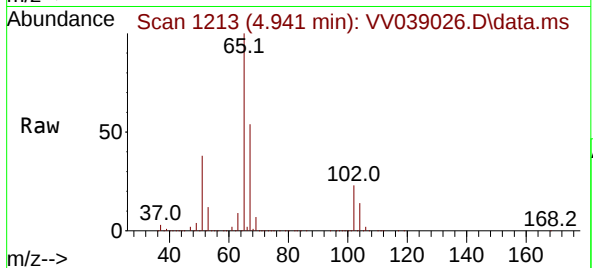
VSTDICC100

Tgt Ion: 65 Resp: 737690

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

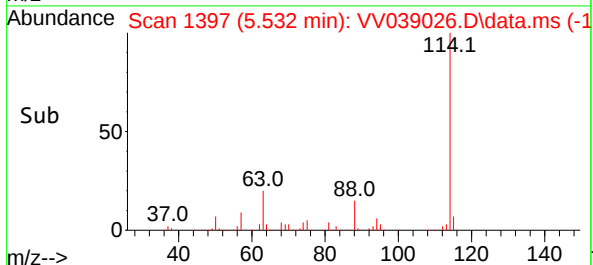
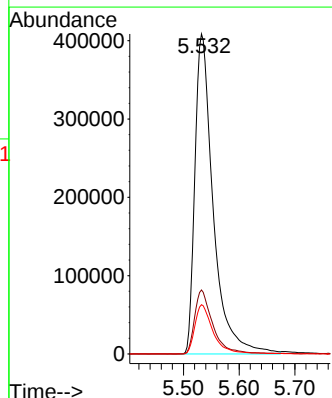
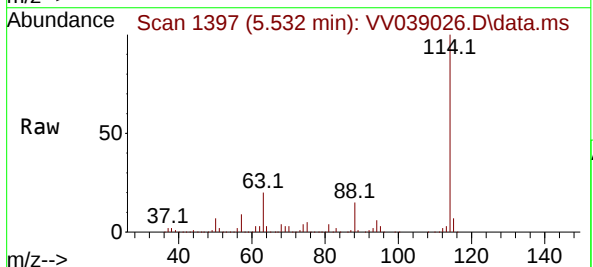
Tgt Ion: 114 Resp: 934664

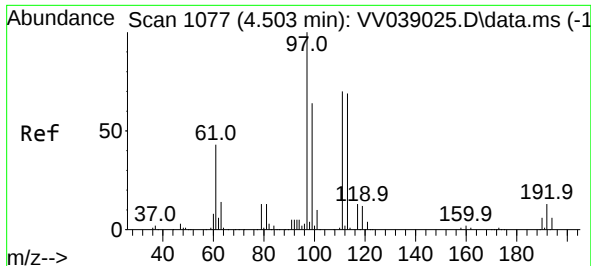
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.4 0.0 30.6

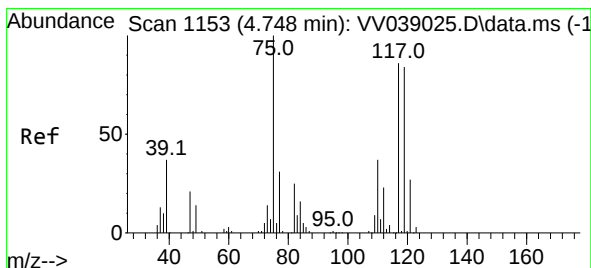
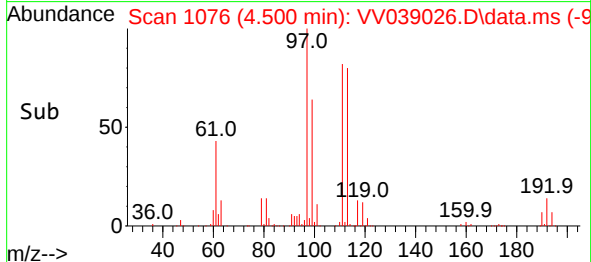
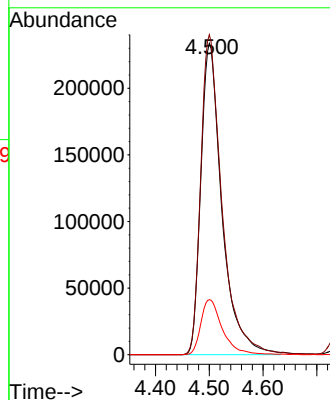
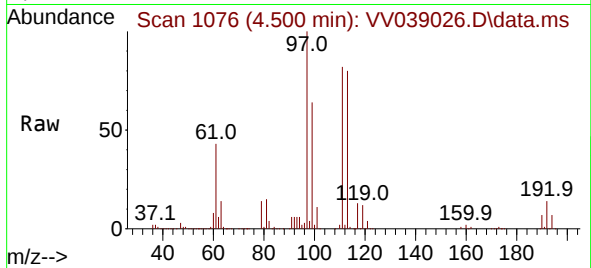




#35
Dibromofluoromethane
Concen: 94.499 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

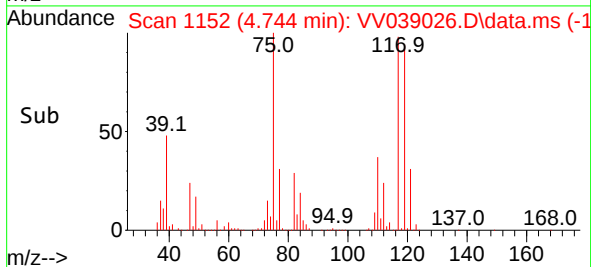
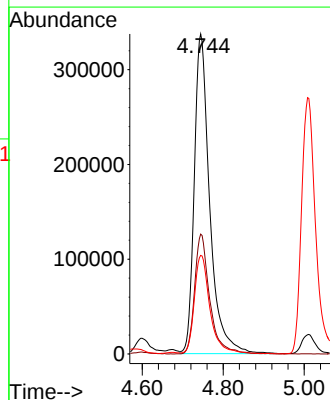
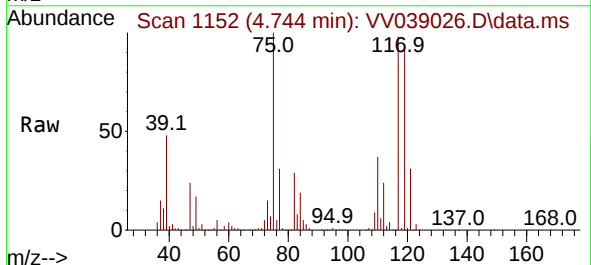
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

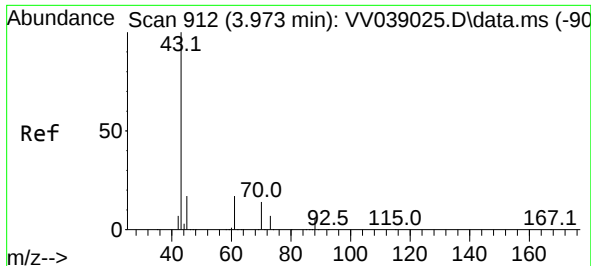
Tgt Ion:113 Resp: 636078
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 98.876 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 75 Resp: 894461
Ion Ratio Lower Upper
75 100
110 36.7 18.6 55.8
77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 92.432 ug/l

RT: 3.970 min Scan# 91

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

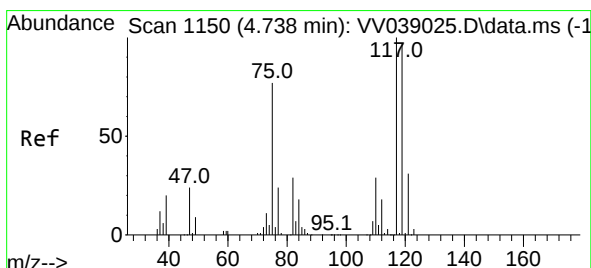
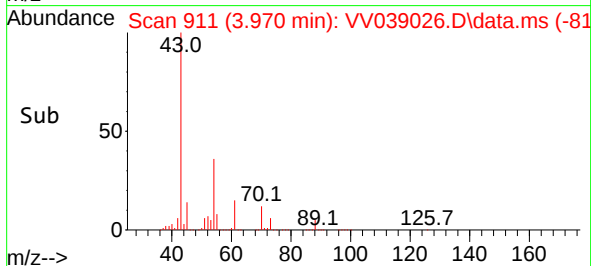
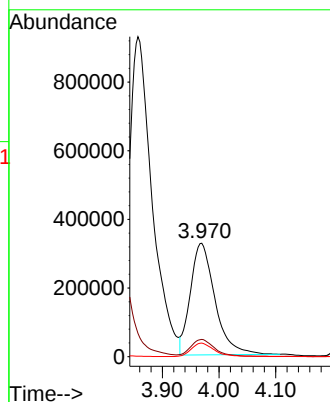
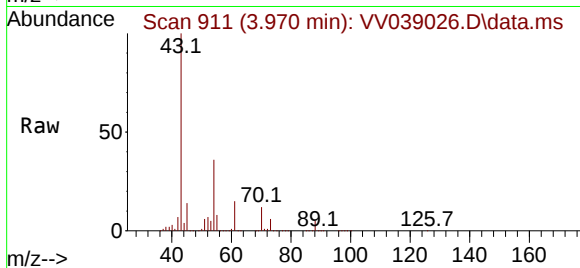
Tgt Ion: 43 Resp: 981437

Ion Ratio Lower Upper

43 100

61 14.2 10.6 16.0

70 11.1 8.6 13.0



#38

Carbon Tetrachloride

Concen: 93.844 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

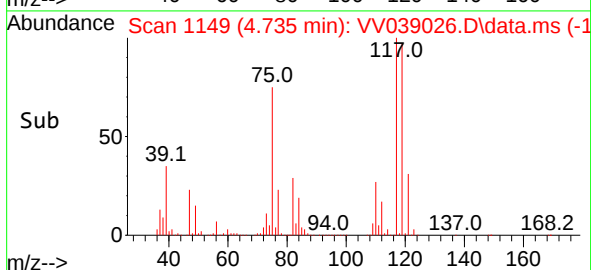
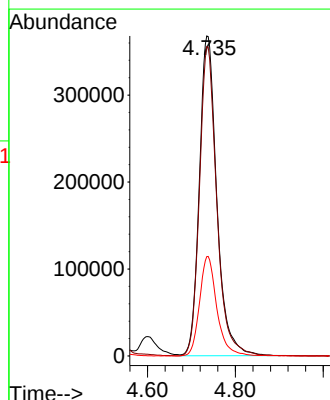
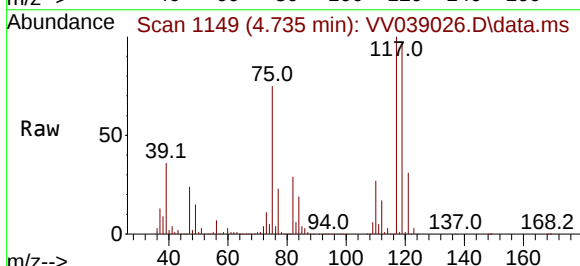
Tgt Ion: 117 Resp: 1016587

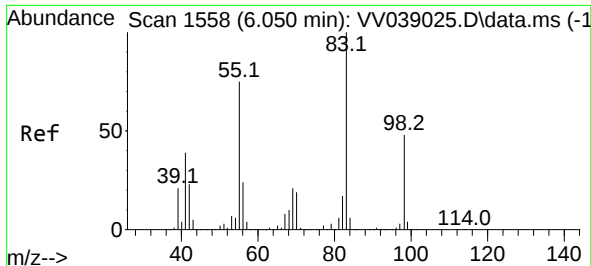
Ion Ratio Lower Upper

117 100

119 96.7 77.8 116.6

121 31.0 24.9 37.3





#39

Methylcyclohexane

Concen: 105.754 ug/l

RT: 6.047 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

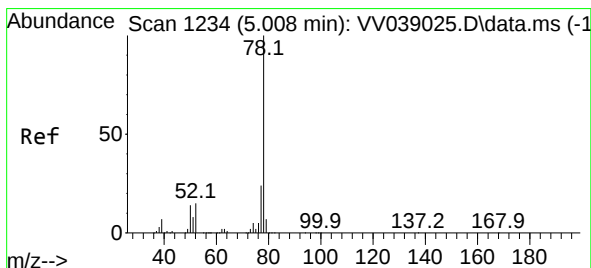
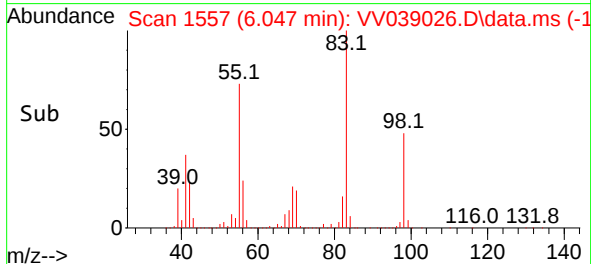
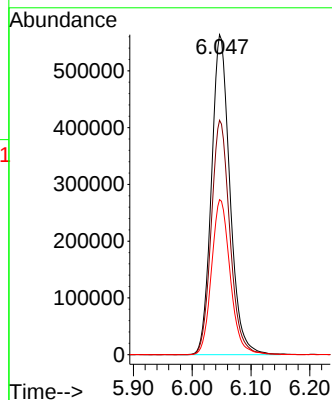
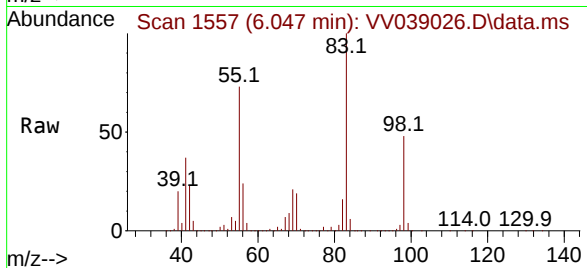
Tgt Ion: 83 Resp: 1228118

Ion Ratio Lower Upper

83 100

55 73.2 59.8 89.6

98 48.4 38.2 57.2



#40

Benzene

Concen: 95.662 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039026.D

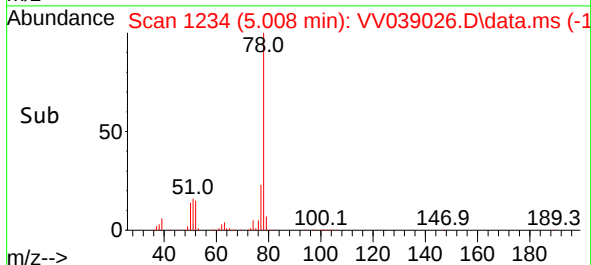
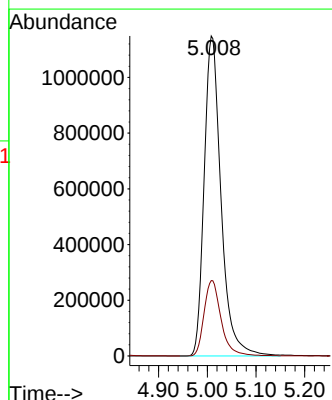
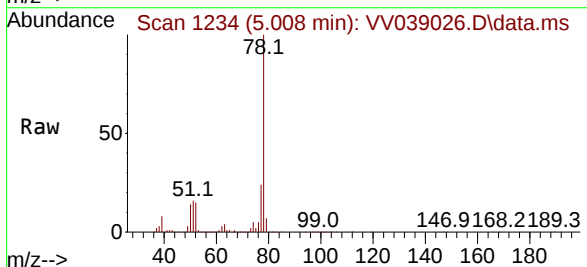
Acq: 25 Aug 2025 11:46

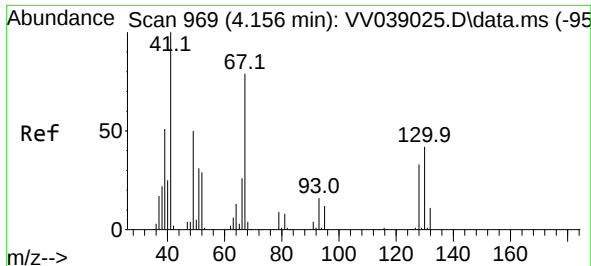
Tgt Ion: 78 Resp: 2765615

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

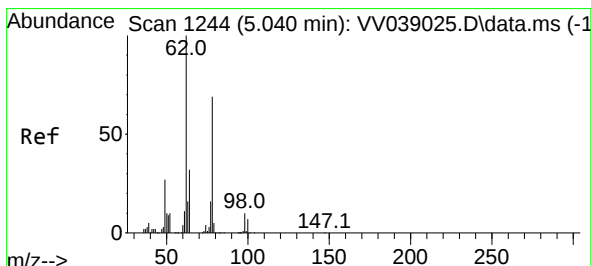
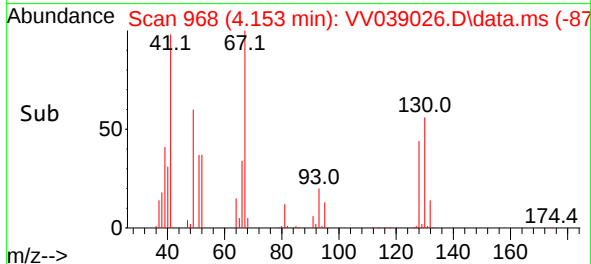
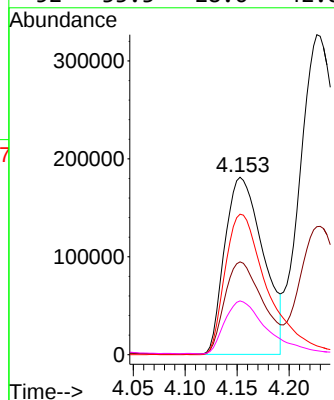
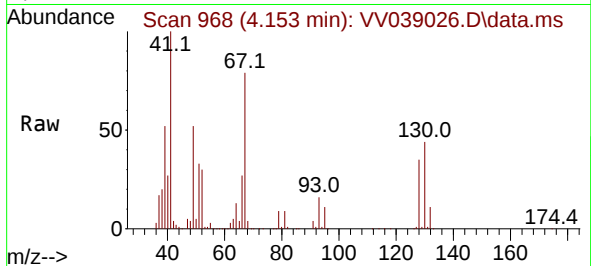




#41
Methacrylonitrile
Concen: 100.155 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

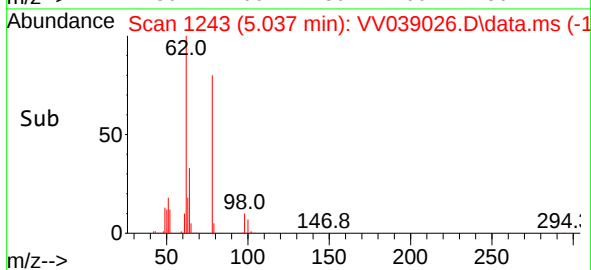
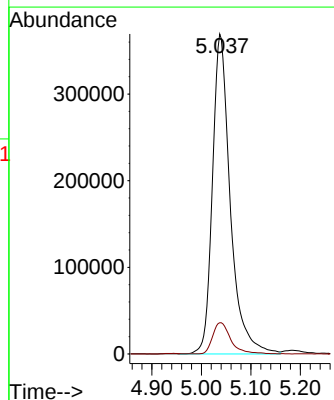
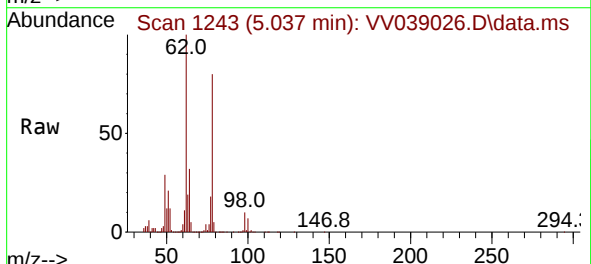
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

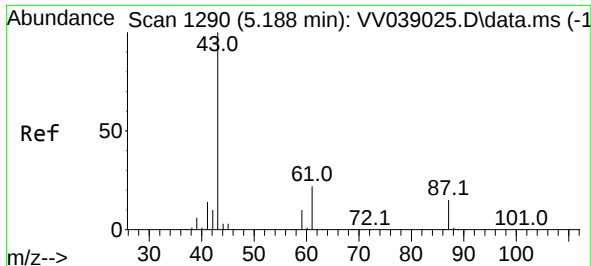
Tgt Ion: 41 Resp: 466438
Ion Ratio Lower Upper
41 100
39 52.8 42.7 64.1
67 90.2 74.5 111.7
52 33.3 28.6 42.8



#42
1,2-Dichloroethane
Concen: 91.730 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 62 Resp: 924720
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8

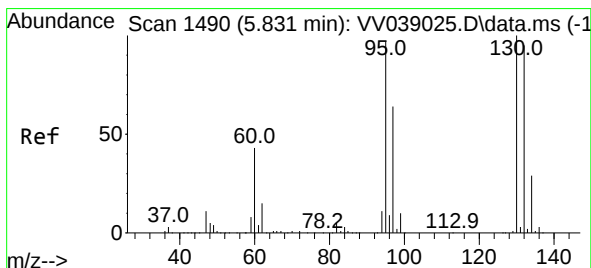
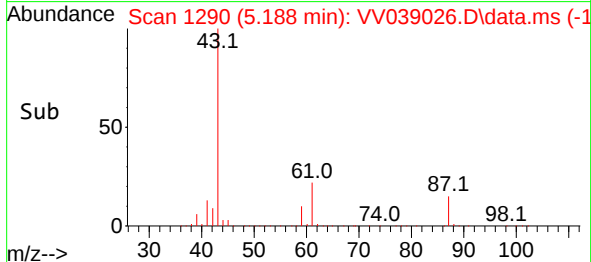
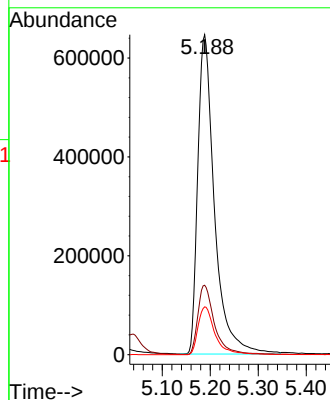
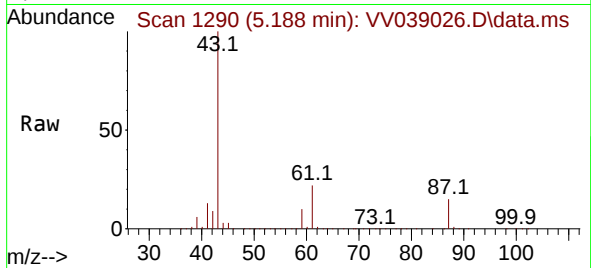




#43
Isopropyl Acetate
Concen: 103.558 ug/l
RT: 5.188 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

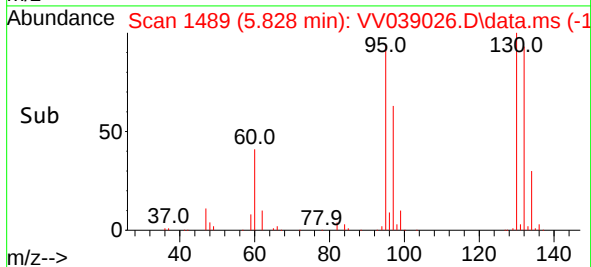
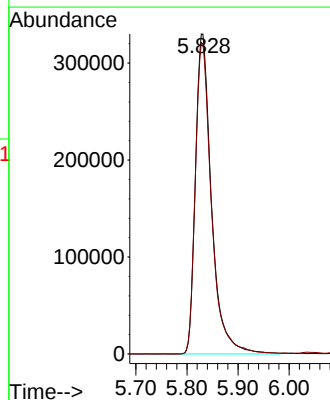
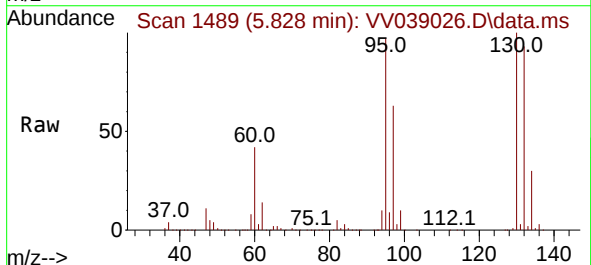
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

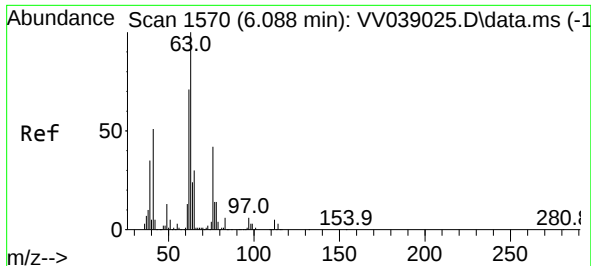
Tgt Ion: 43 Resp: 1564853
Ion Ratio Lower Upper
43 100
61 21.5 16.6 25.0
87 15.2 11.7 17.5



#44
Trichloroethene
Concen: 99.154 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:130 Resp: 719731
Ion Ratio Lower Upper
130 100
95 97.3 0.0 194.4





#45

1,2-Dichloropropane

Concen: 94.551 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

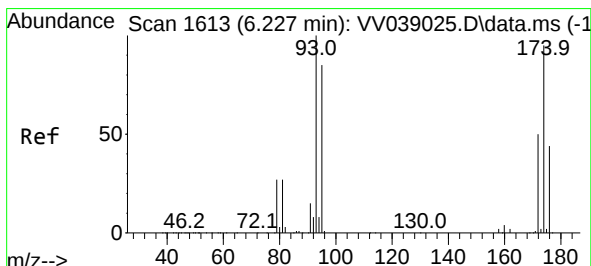
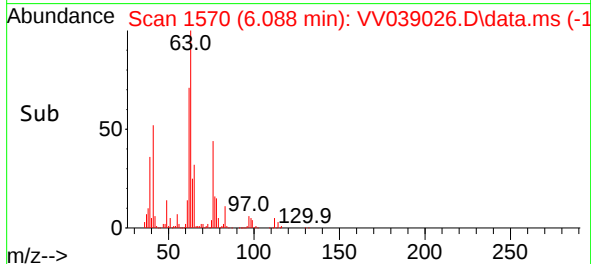
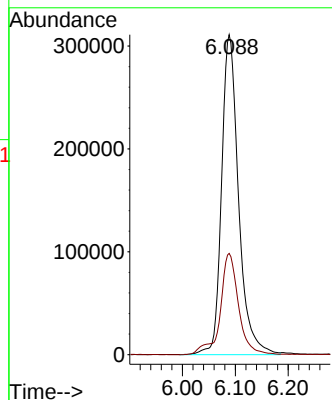
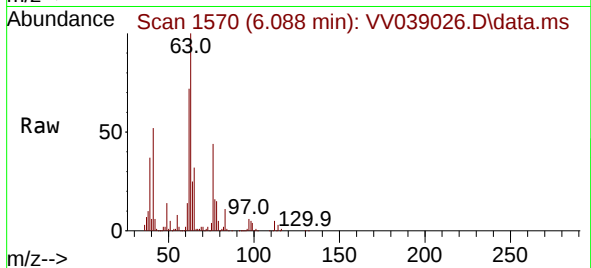
VSTDIC100

Tgt Ion: 63 Resp: 694914

Ion Ratio Lower Upper

63 100

65 31.7 24.2 36.4



#46

Dibromomethane

Concen: 94.888 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

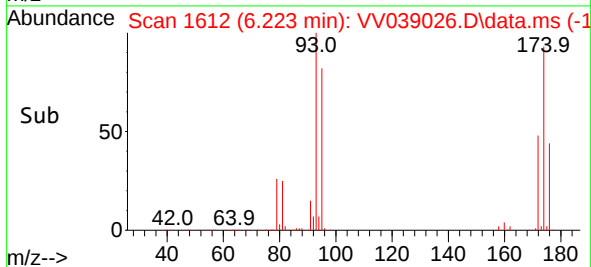
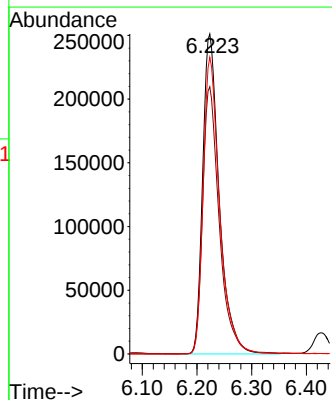
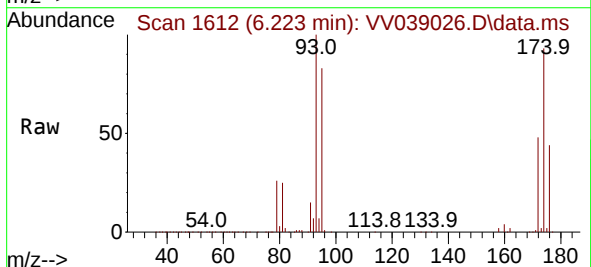
Tgt Ion: 93 Resp: 528879

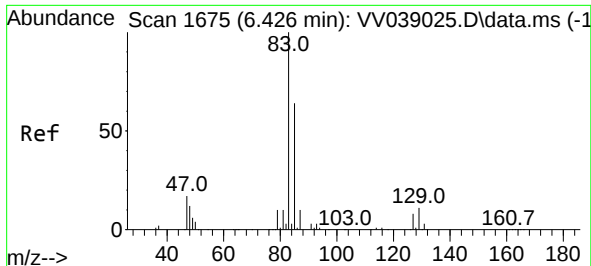
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 92.1 73.5 110.3

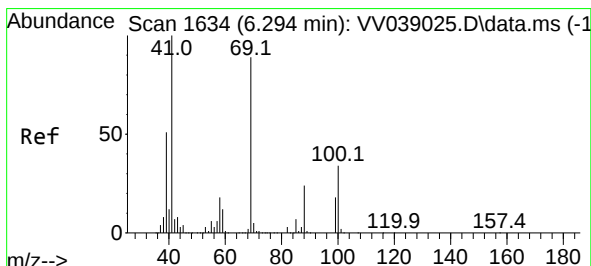
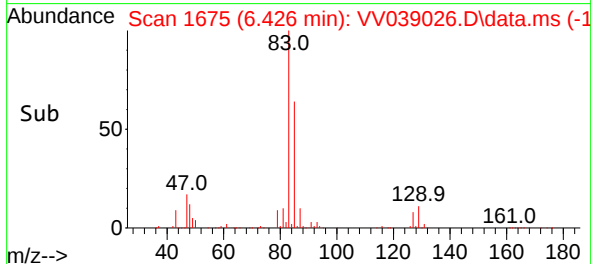
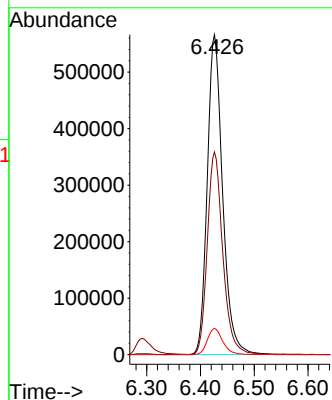
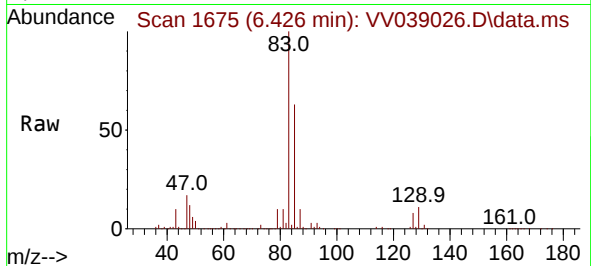




#47
Bromodichloromethane
Concen: 97.861 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

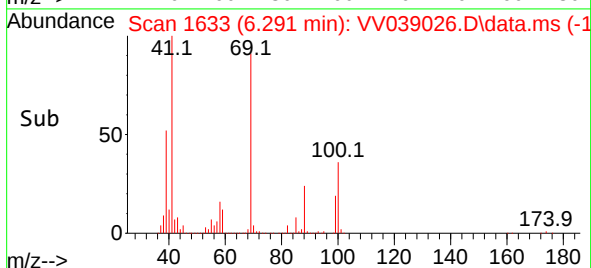
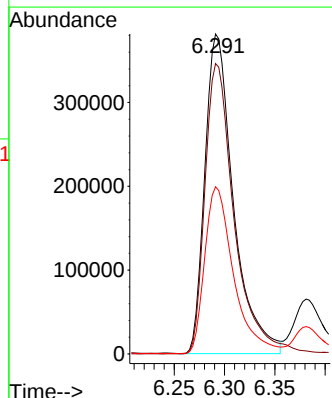
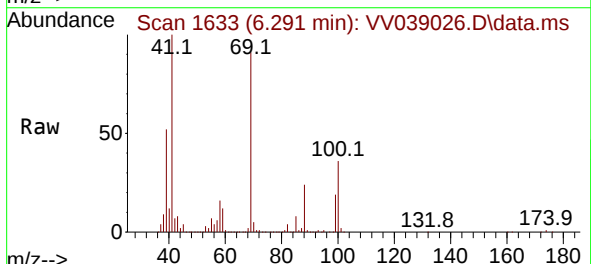
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

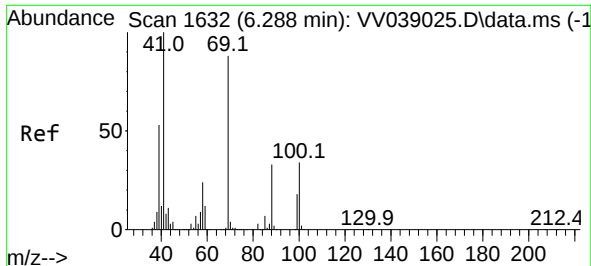
Tgt Ion: 83 Resp: 1123897
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.4
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 102.354 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 41 Resp: 754813
Ion Ratio Lower Upper
41 100
69 93.4 73.5 110.3
39 52.6 41.3 61.9





#49

1,4-Dioxane

Concen: 2066.532 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

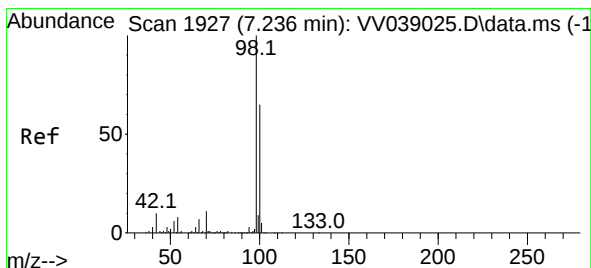
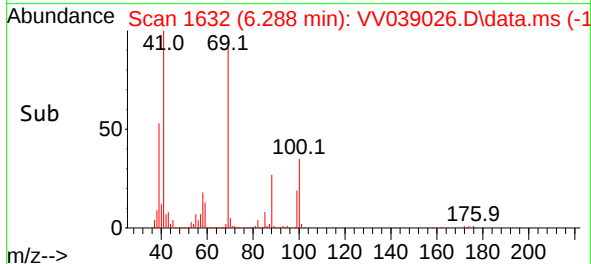
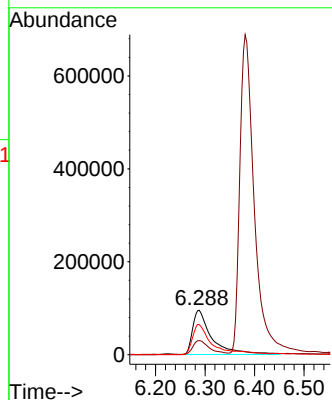
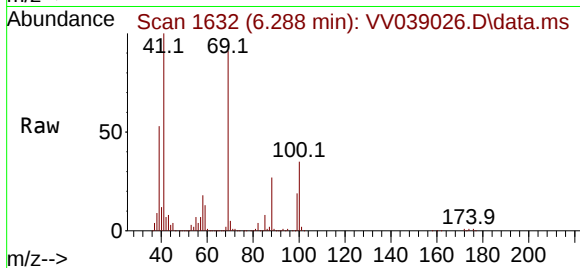
Tgt Ion: 88 Resp: 257905

Ion Ratio Lower Upper

88 100

43 27.1 25.4 38.2

58 62.0 58.4 87.6



#50

Toluene-d8

Concen: 99.216 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039026.D

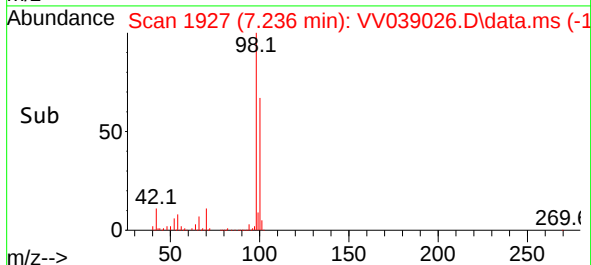
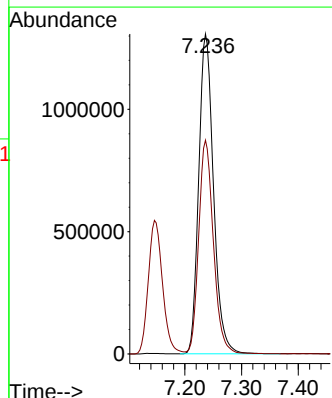
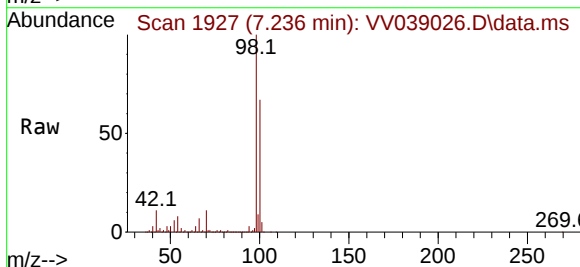
Acq: 25 Aug 2025 11:46

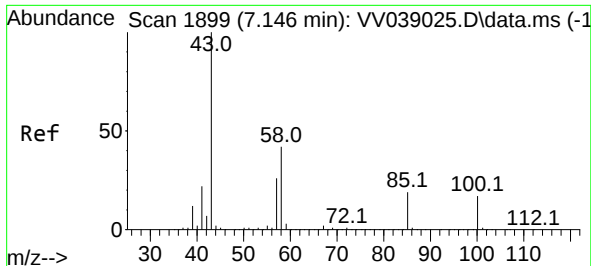
Tgt Ion: 98 Resp: 2364572

Ion Ratio Lower Upper

98 100

100 66.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 523.337 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

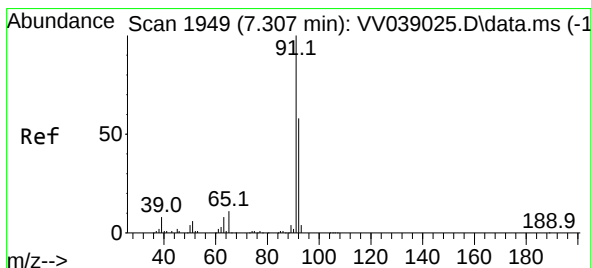
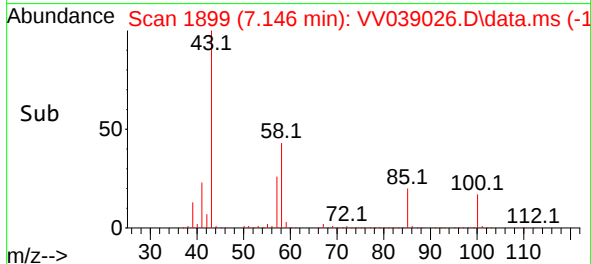
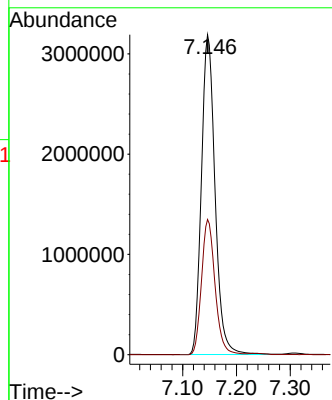
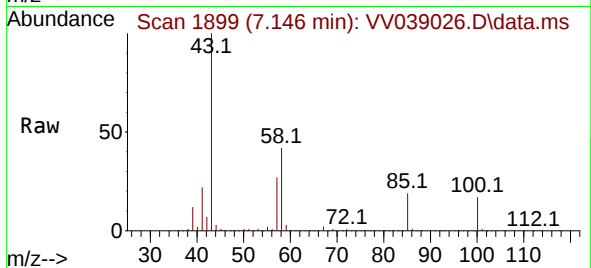
VSTDIC100

Tgt Ion: 43 Resp: 5609572

Ion Ratio Lower Upper

43 100

58 41.9 33.2 49.8



#52

Toluene

Concen: 103.114 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV039026.D

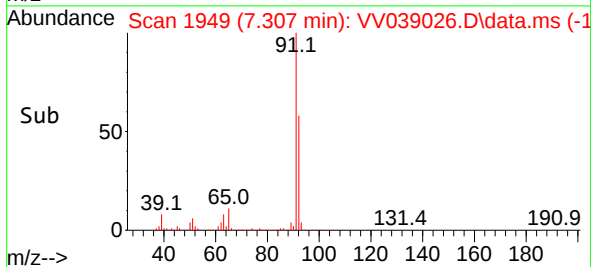
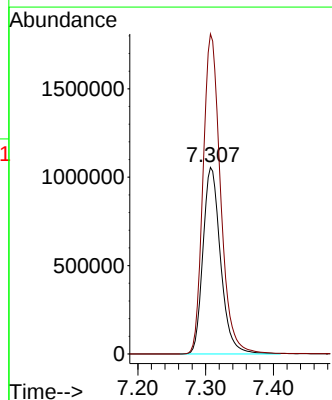
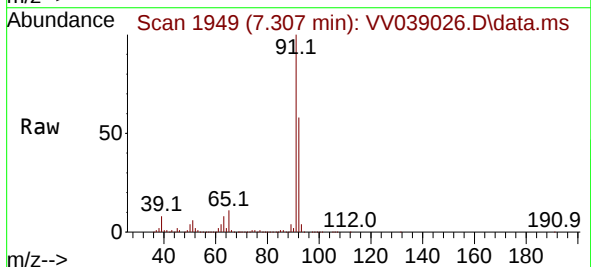
Acq: 25 Aug 2025 11:46

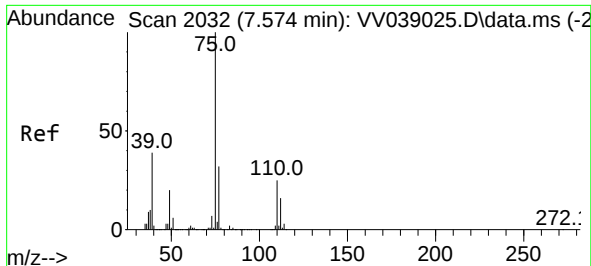
Tgt Ion: 92 Resp: 1901323

Ion Ratio Lower Upper

92 100

91 170.9 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 106.666 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

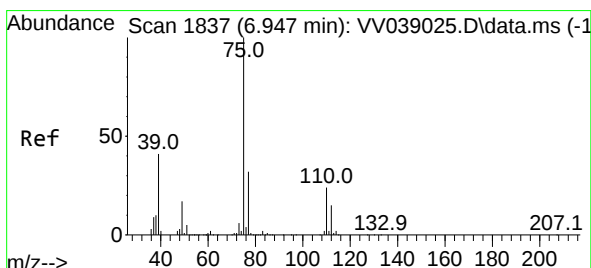
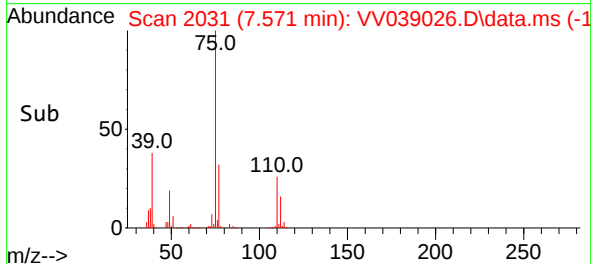
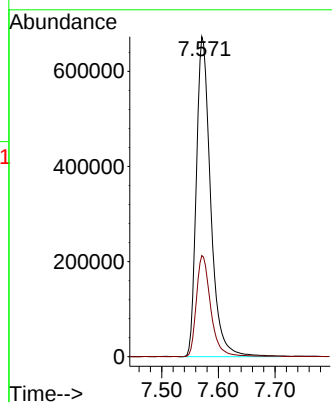
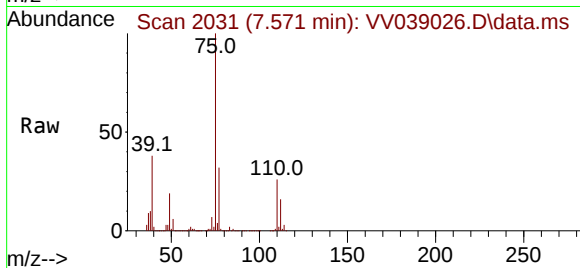
VSTDIC100

Tgt Ion: 75 Resp: 1176005

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 107.083 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

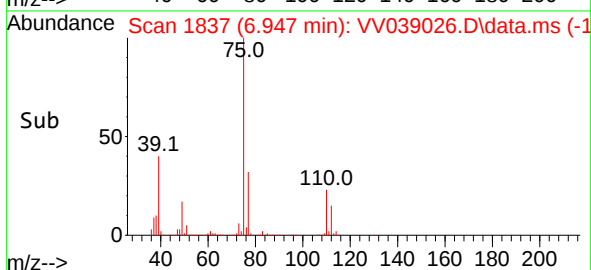
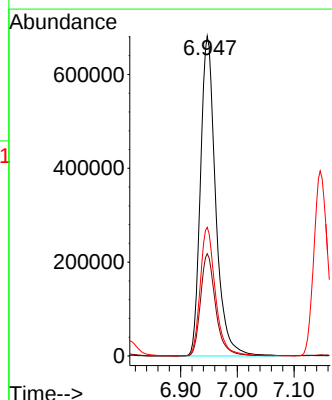
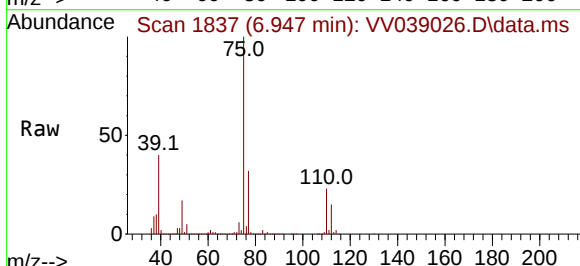
Tgt Ion: 75 Resp: 1268260

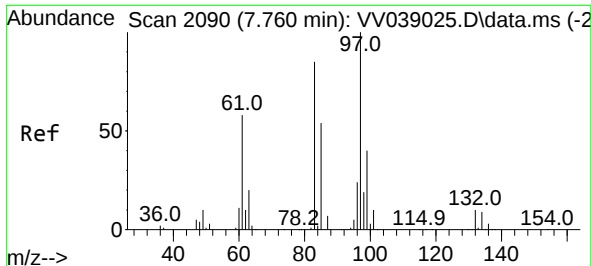
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 40.1 32.5 48.7



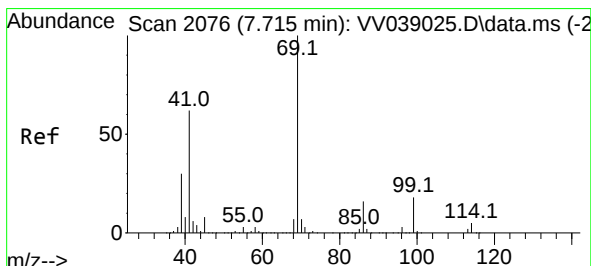
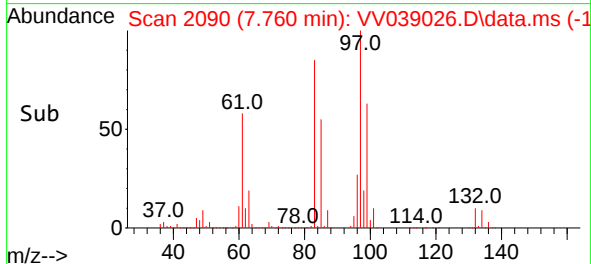
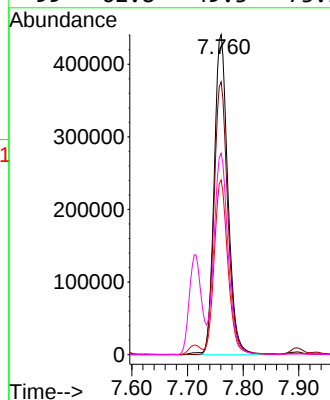
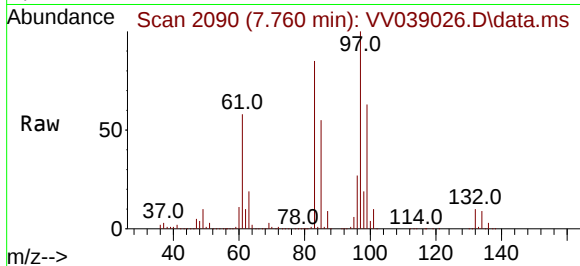


#55
1,1,2-Trichloroethane
Concen: 98.231 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 755677

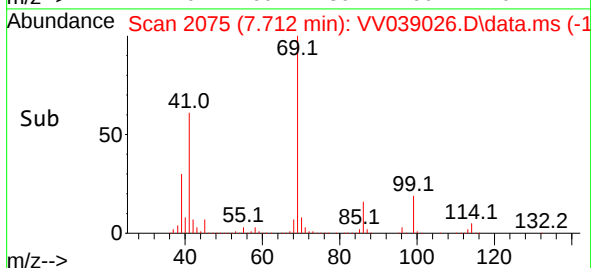
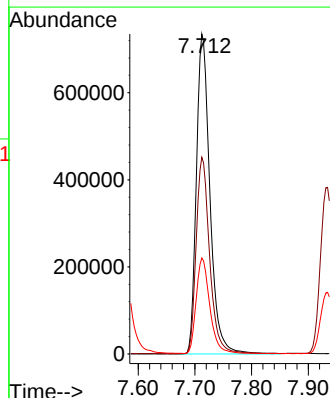
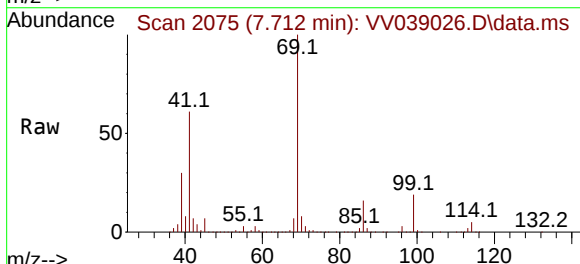
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	54.5	44.5	66.7
99	62.8	49.3	73.9

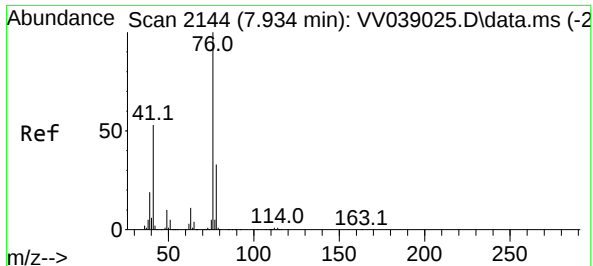


#56
Ethyl methacrylate
Concen: 119.530 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 69 Resp: 1219644

Ion	Ratio	Lower	Upper
69	100		
41	61.0	49.4	74.2
39	30.0	24.0	36.0

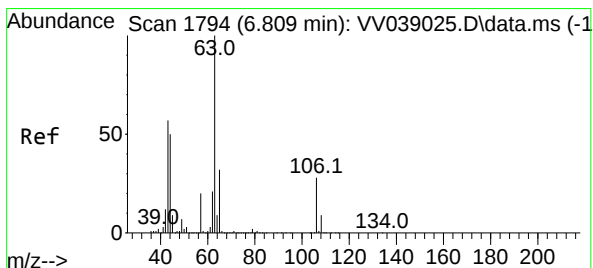
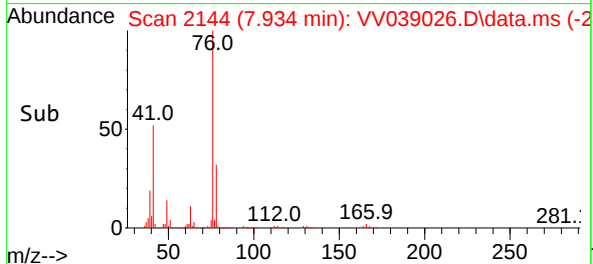
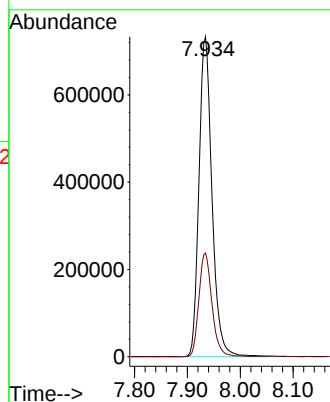
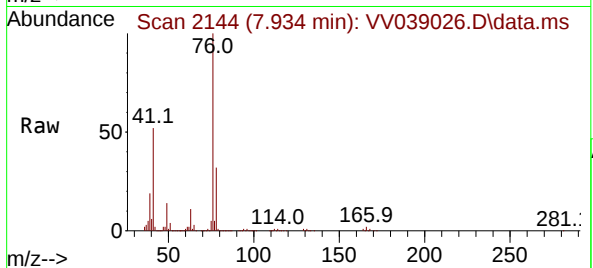




#57
1,3-Dichloropropane
Concen: 101.027 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

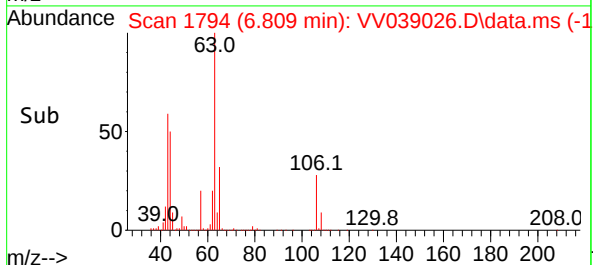
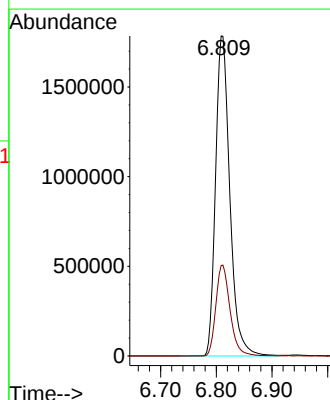
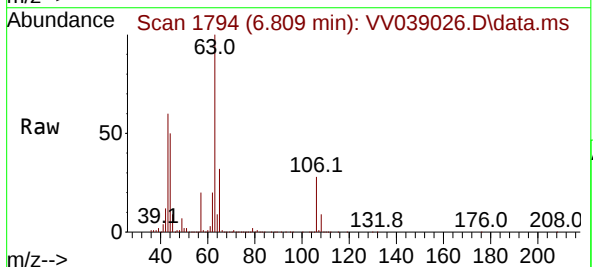
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

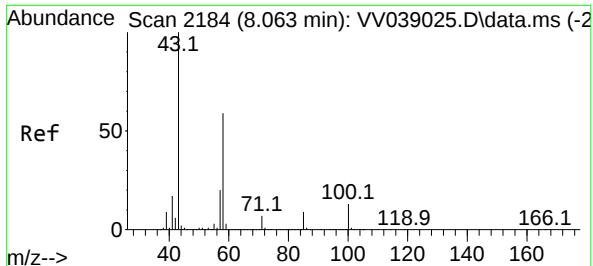
Tgt Ion: 76 Resp: 1254595
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 501.471 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 63 Resp: 3178545
Ion Ratio Lower Upper
63 100
106 28.3 22.3 33.5

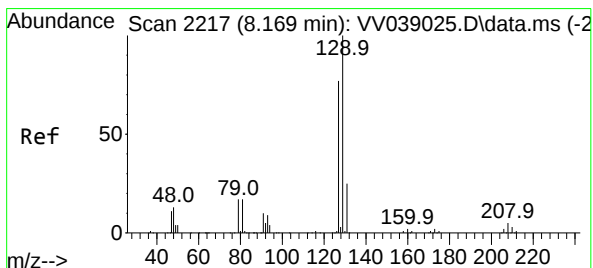
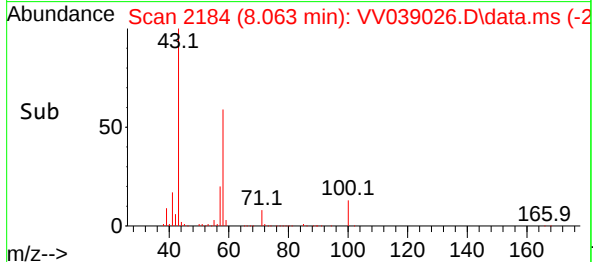
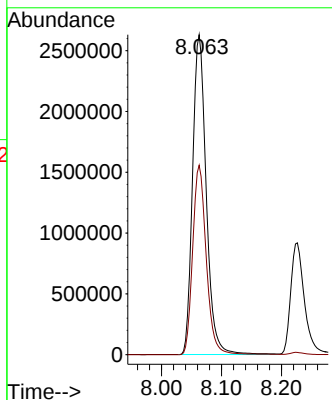
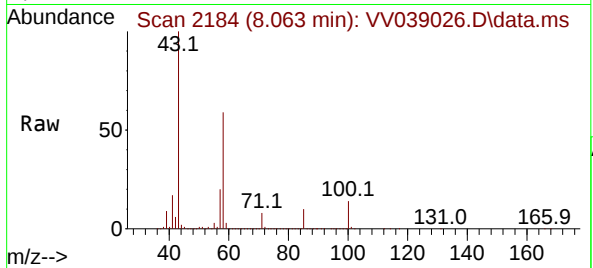




#59
2-Hexanone
Concen: 526.827 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

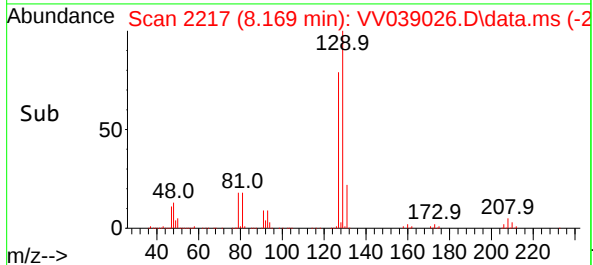
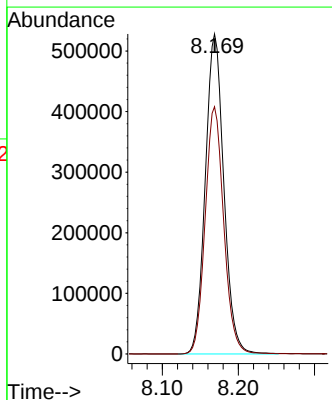
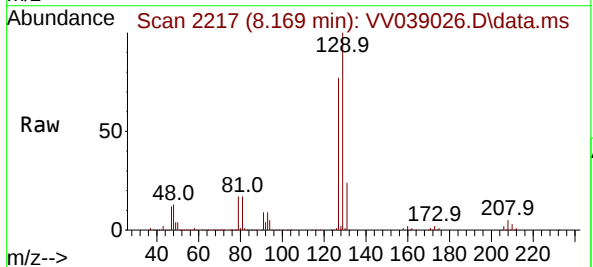
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

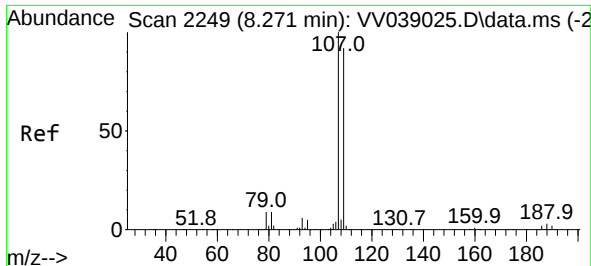
Tgt Ion: 43 Resp: 4176903
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.4



#60
Dibromochloromethane
Concen: 100.358 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 129 Resp: 893118
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

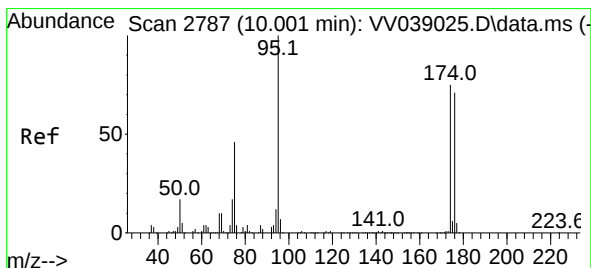
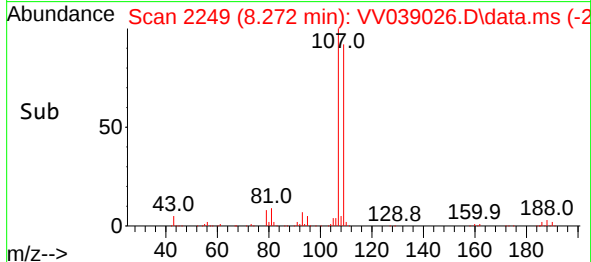
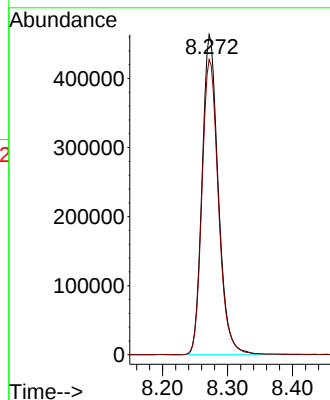
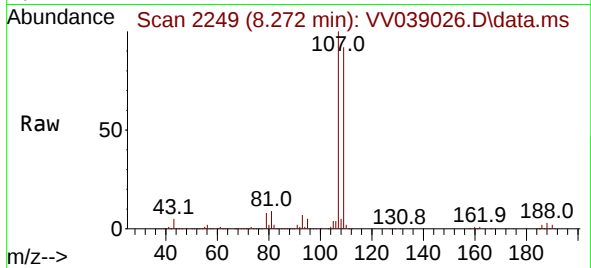




#61
1,2-Dibromoethane
Concen: 101.370 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

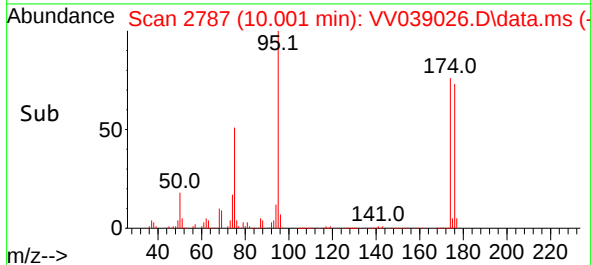
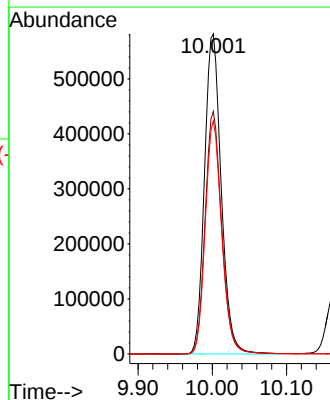
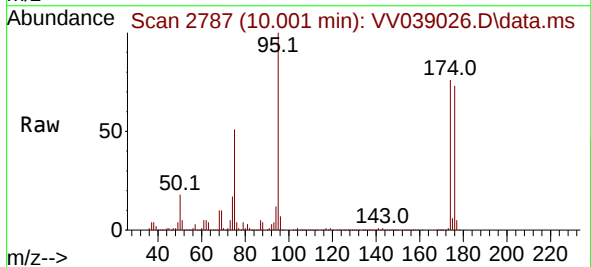
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

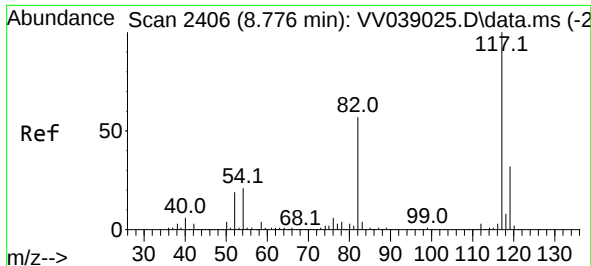
Tgt Ion:107 Resp: 804862
Ion Ratio Lower Upper
107 100
109 93.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 104.139 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 95 Resp: 909411
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 71.4 0.0 144.2

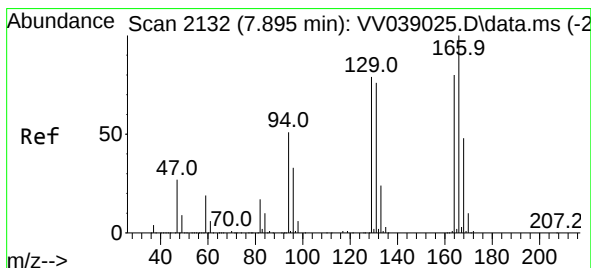
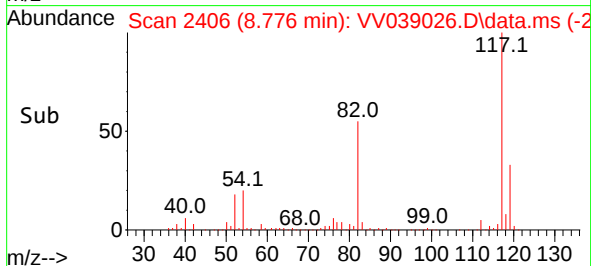
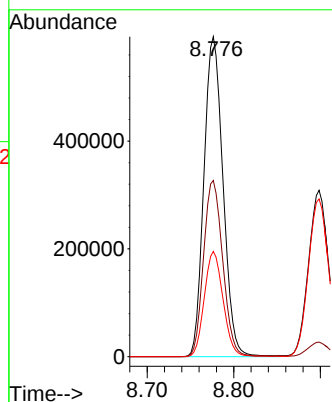
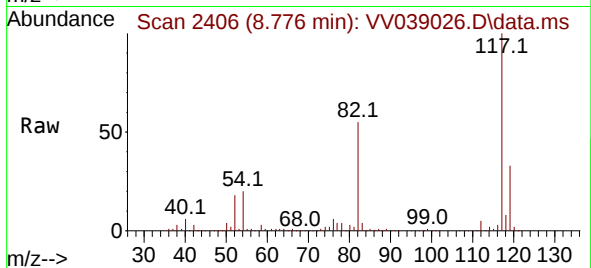




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

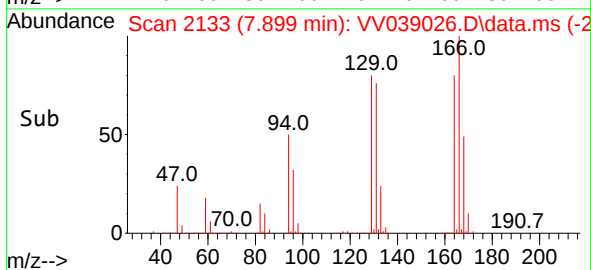
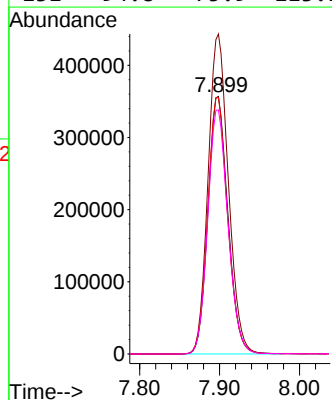
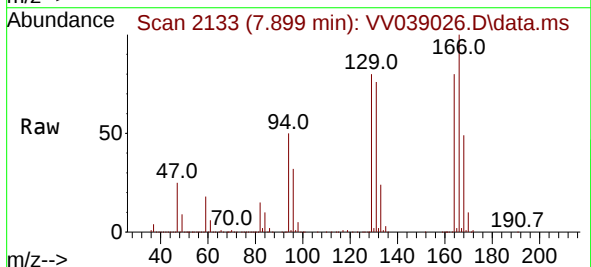
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

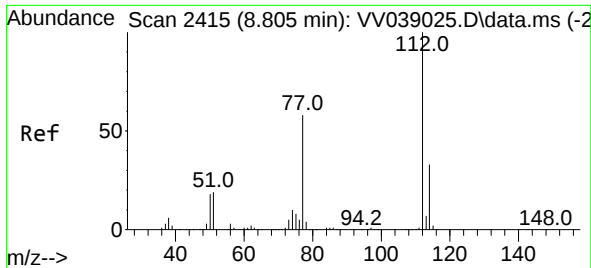
Tgt Ion:117 Resp: 909657
Ion Ratio Lower Upper
117 100
82 55.0 45.6 68.4
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 95.973 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:164 Resp: 620626
Ion Ratio Lower Upper
164 100
166 124.3 99.7 149.5
129 99.6 78.5 117.7
131 94.8 75.9 113.9

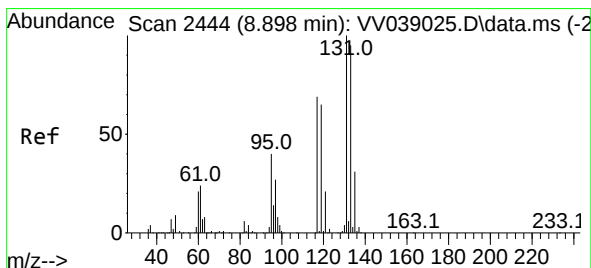
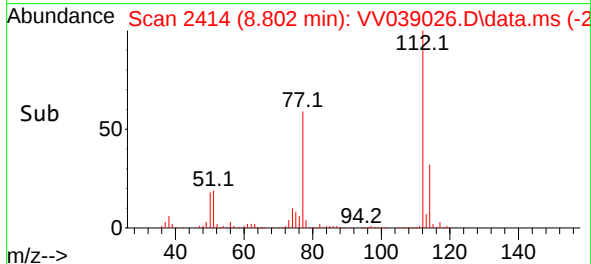
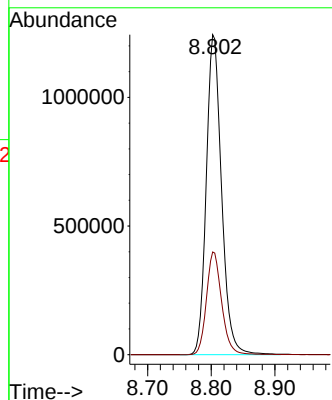
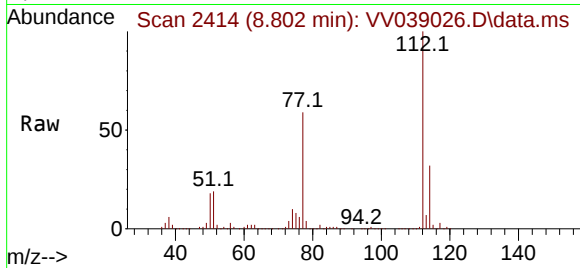




#65
Chlorobenzene
Concen: 95.221 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

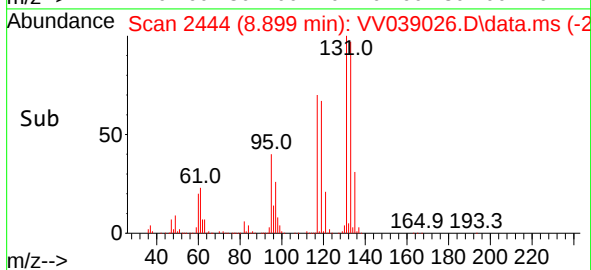
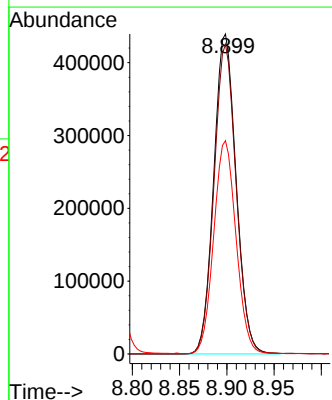
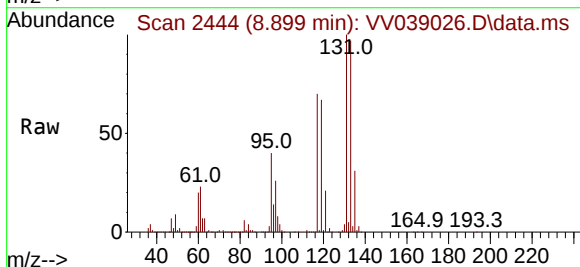
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

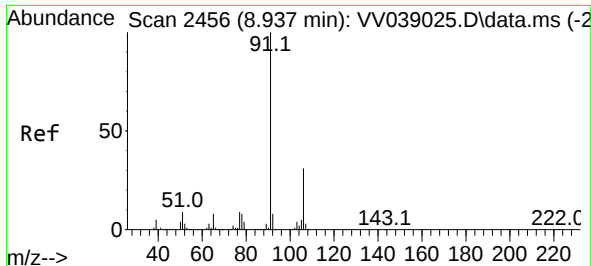
Tgt Ion:112 Resp: 2072667
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 95.186 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:131 Resp: 723394
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 66.4 33.3 99.8

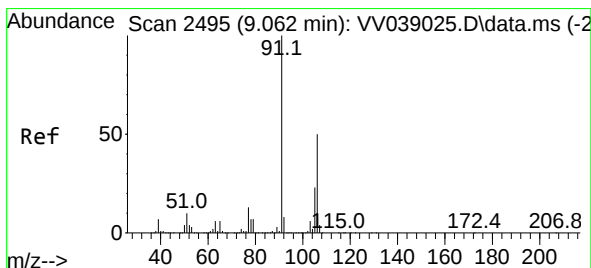
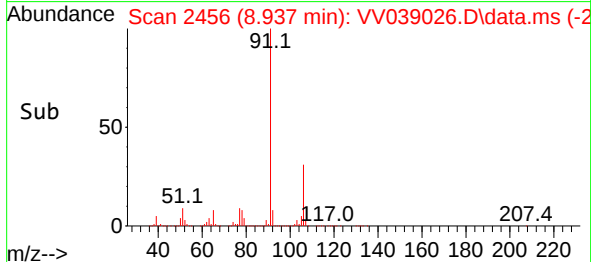
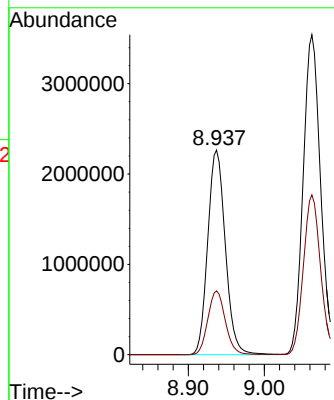
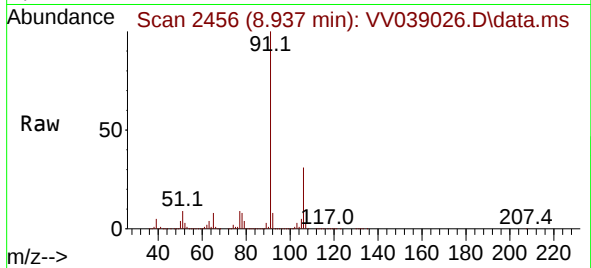




#67
Ethyl Benzene
Concen: 105.794 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

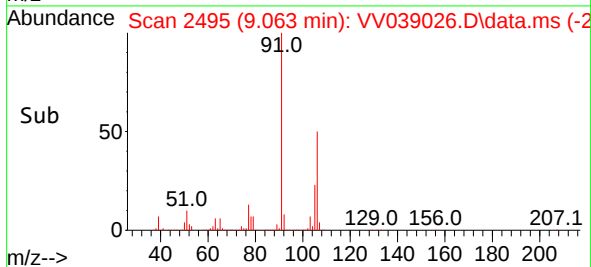
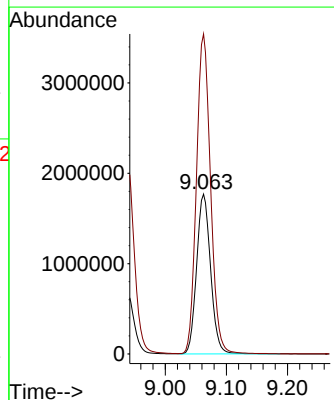
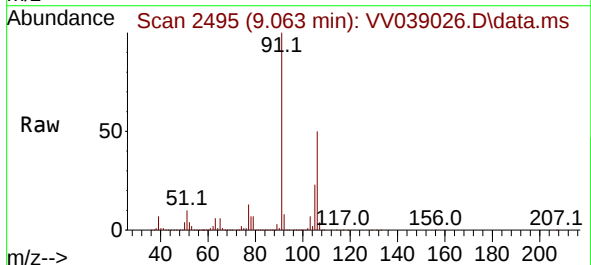
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

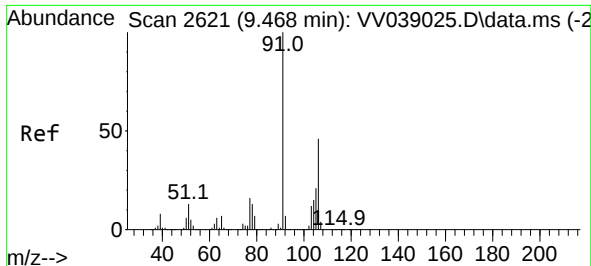
Tgt Ion: 91 Resp: 3643260
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 211.726 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:106 Resp: 2803445
Ion Ratio Lower Upper
106 100
91 202.2 162.4 243.6

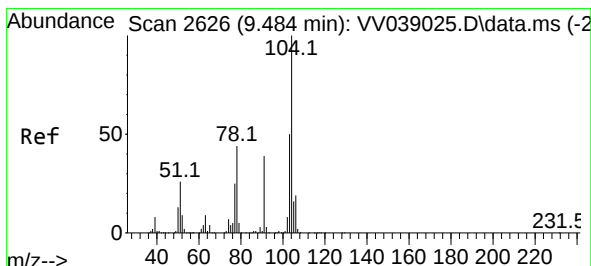
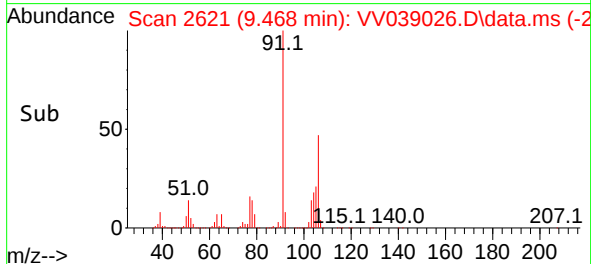
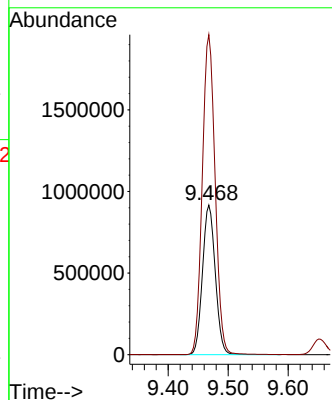
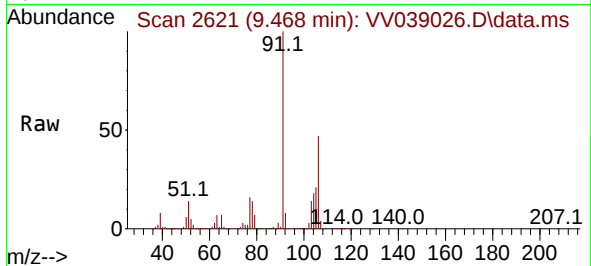




#69
o-Xylene
Concen: 112.368 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

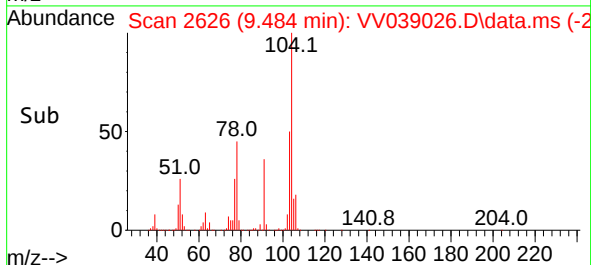
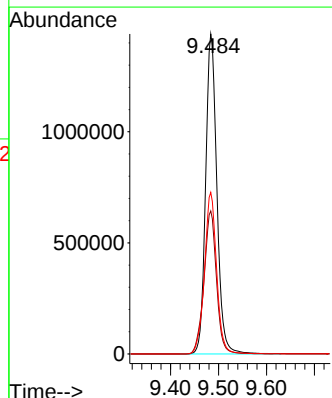
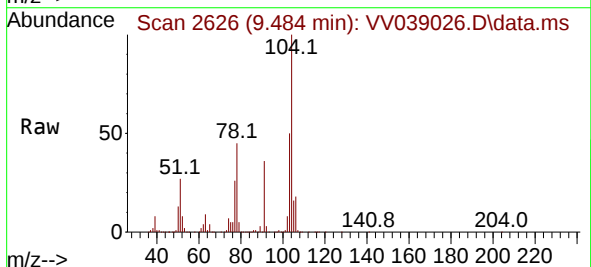
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

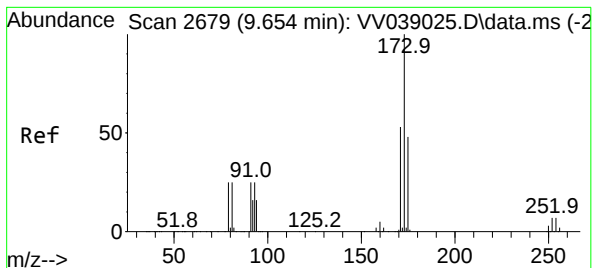
Tgt Ion:106 Resp: 1362224
Ion Ratio Lower Upper
106 100
91 214.6 106.7 320.1



#70
Styrene
Concen: 109.806 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:104 Resp: 2345148
Ion Ratio Lower Upper
104 100
78 49.7 39.3 58.9
103 54.5 43.2 64.8





#71

Bromoform

Concen: 101.044 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

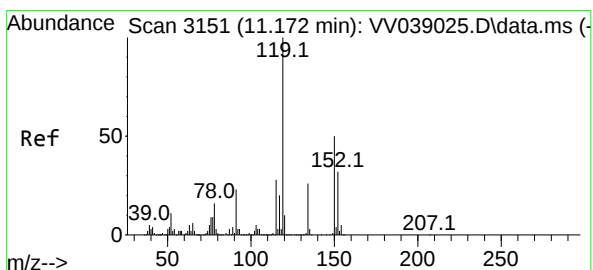
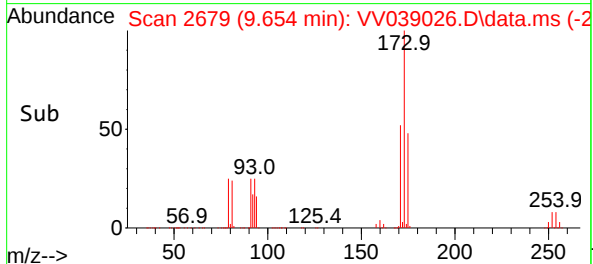
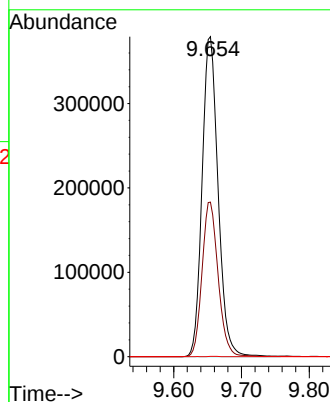
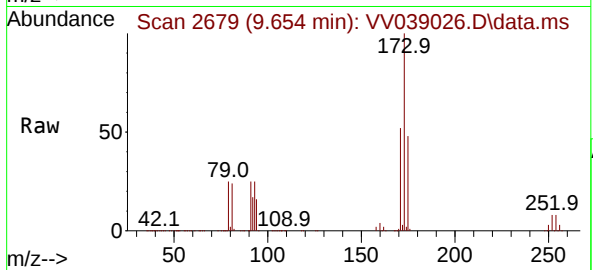
Tgt Ion:173 Resp: 620920

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

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: VV039026.D

Acq: 25 Aug 2025 11:46

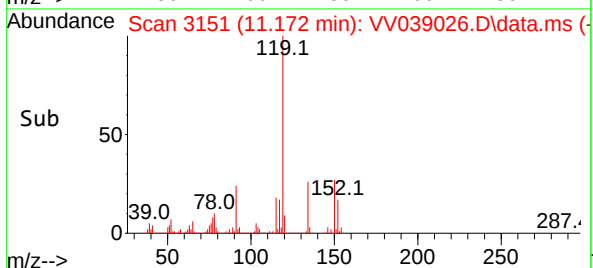
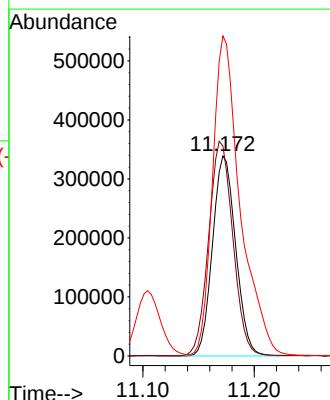
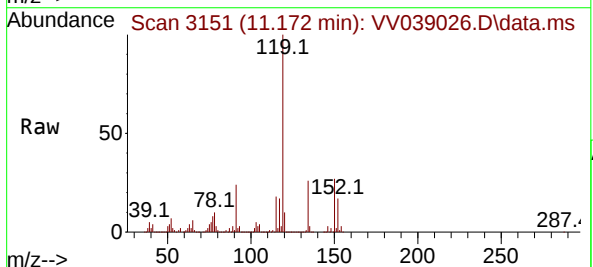
Tgt Ion:152 Resp: 489386

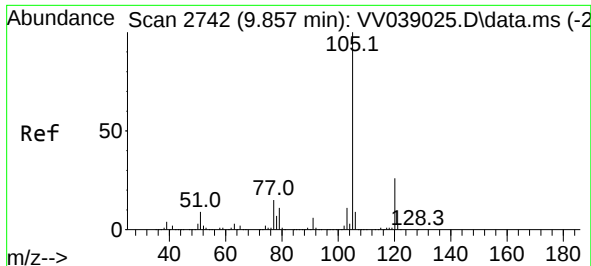
Ion Ratio Lower Upper

152 100

115 112.2 44.0 132.1

150 191.6 0.0 352.2

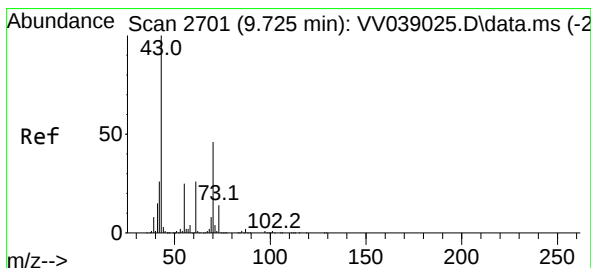
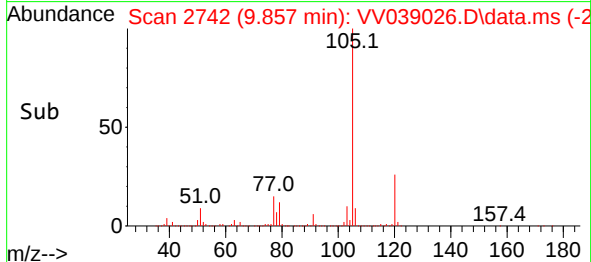
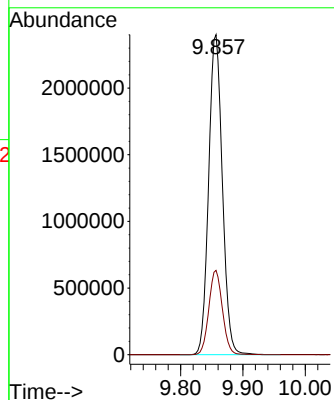
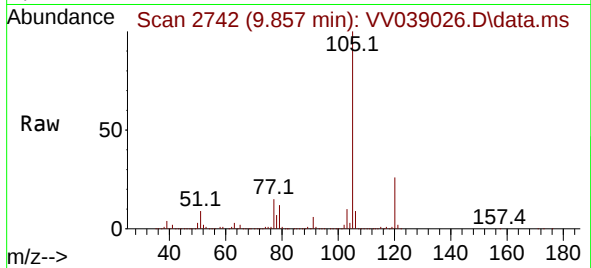




#73
Isopropylbenzene
Concen: 106.914 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

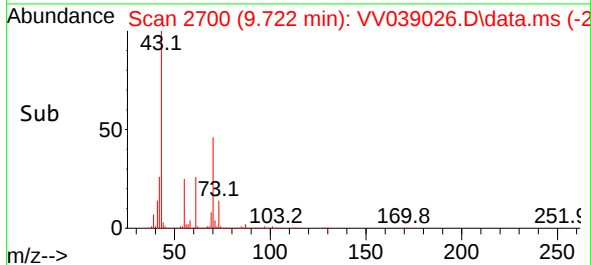
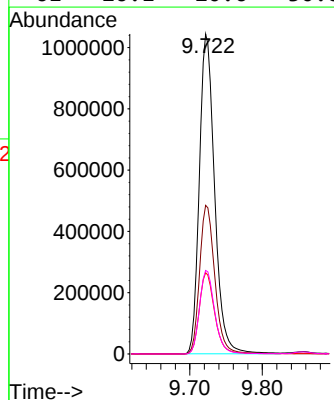
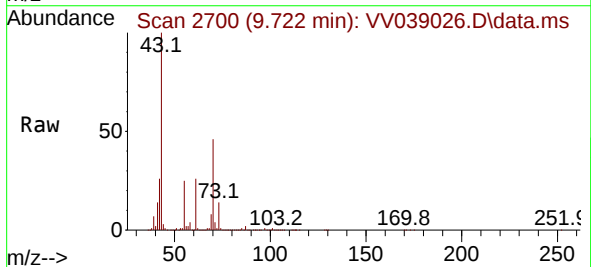
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

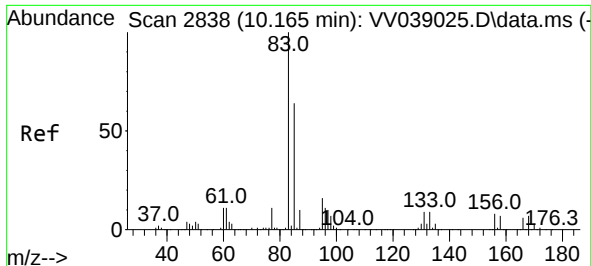
Tgt Ion:105 Resp: 3666873
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 108.261 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 43 Resp: 1525983
Ion Ratio Lower Upper
43 100
70 46.6 36.4 54.6
55 25.5 20.6 30.8
61 26.1 20.6 30.8

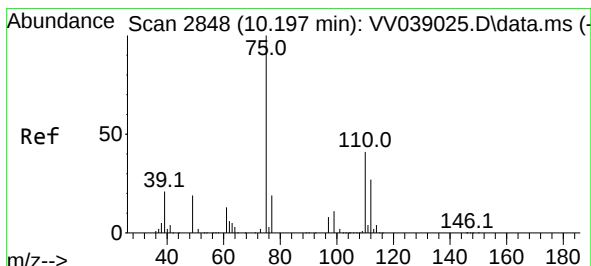
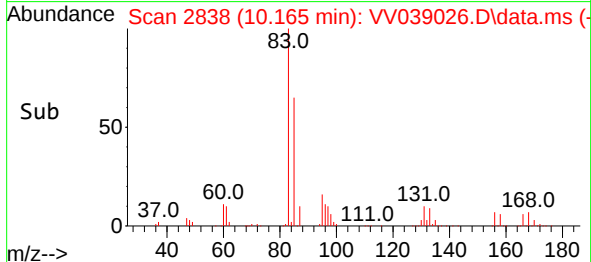
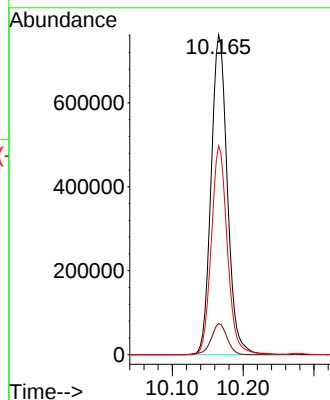
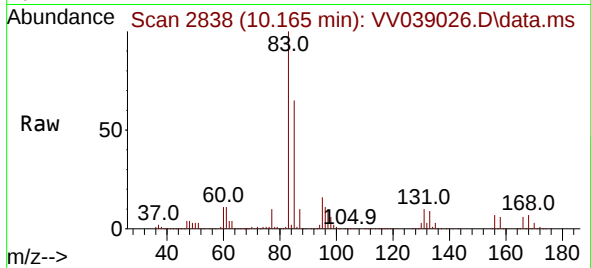




#75
1,1,2,2-Tetrachloroethane
Concen: 89.790 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

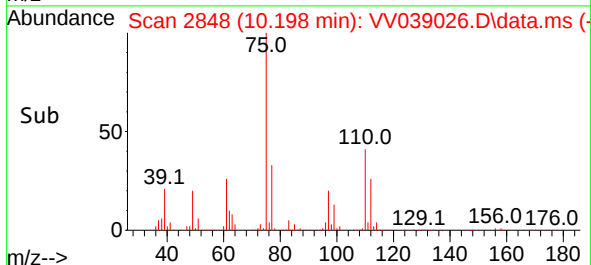
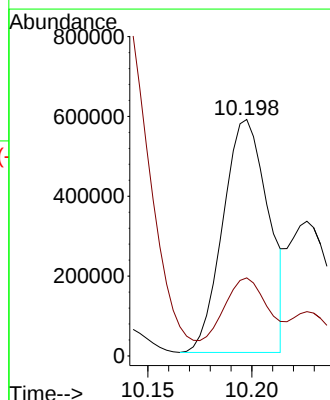
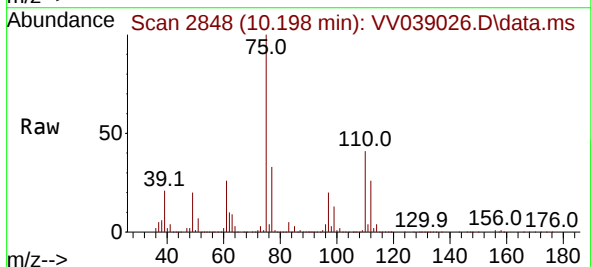
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

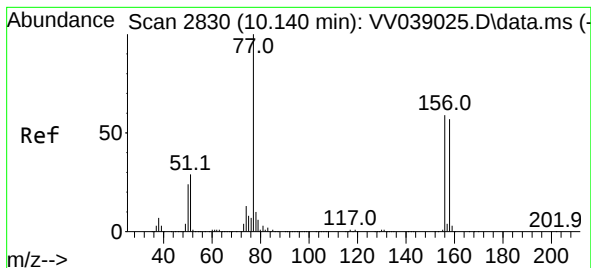
Tgt Ion: 83 Resp: 1213175
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.0
85 64.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 92.187 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 75 Resp: 885593
Ion Ratio Lower Upper
75 100
77 35.5 11.9 35.5





#77

Bromobenzene

Concen: 99.149 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

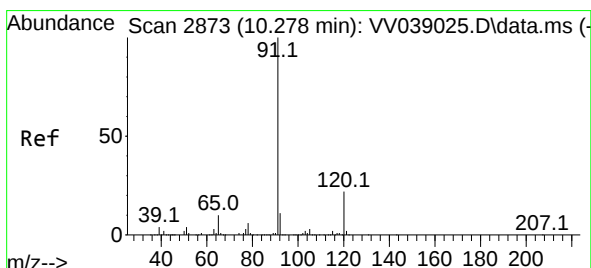
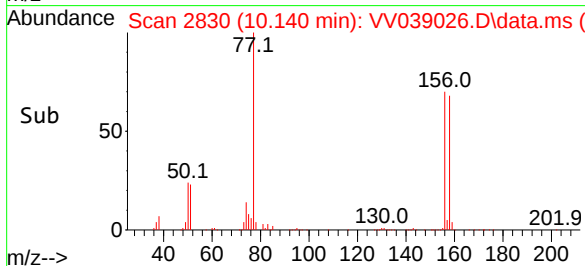
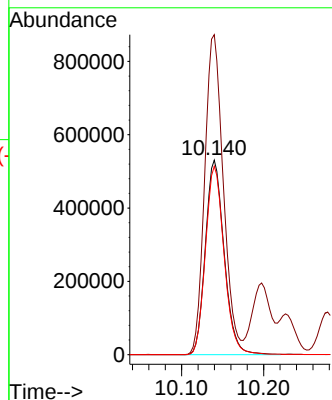
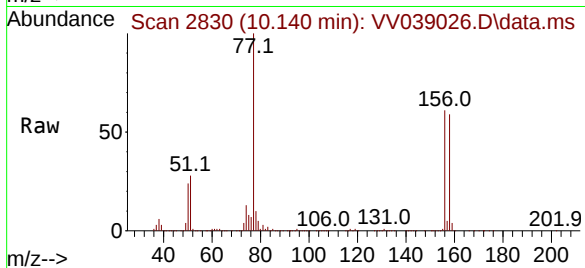
Tgt Ion:156 Resp: 842455

Ion Ratio Lower Upper

156 100

77 163.7 82.5 247.7

158 96.8 49.4 148.0



#78

n-propylbenzene

Concen: 107.288 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039026.D

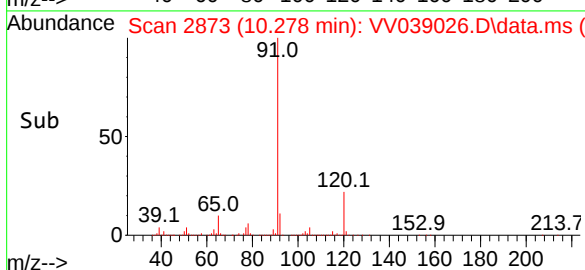
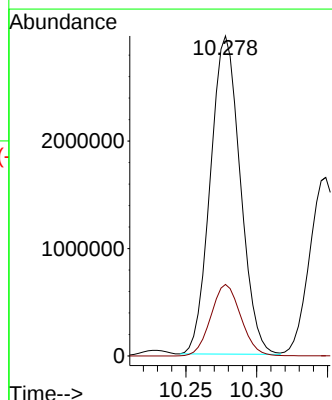
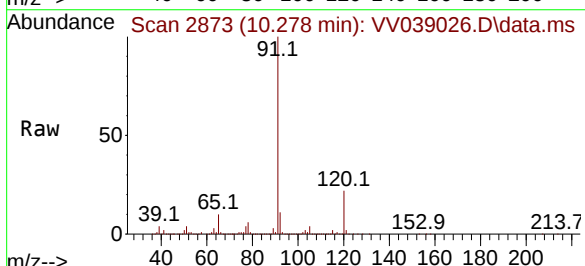
Acq: 25 Aug 2025 11:46

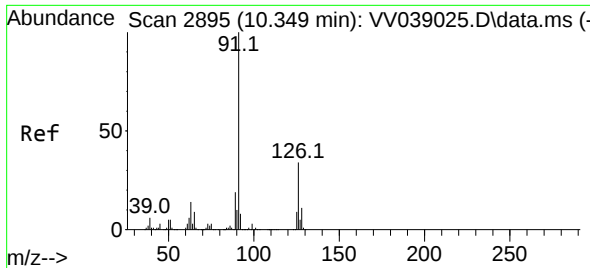
Tgt Ion: 91 Resp: 4343780

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.6

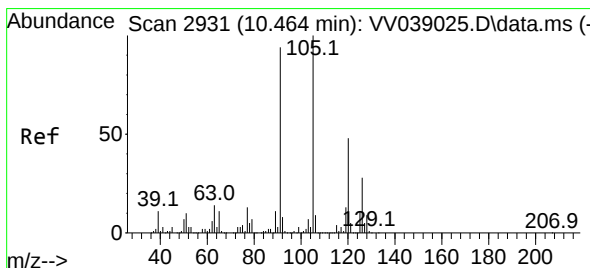
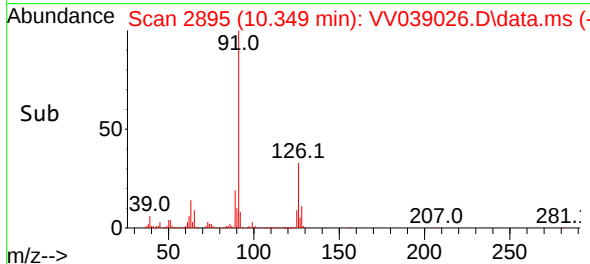
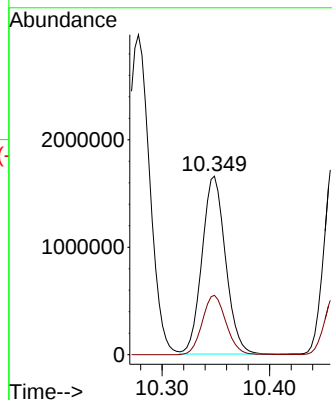
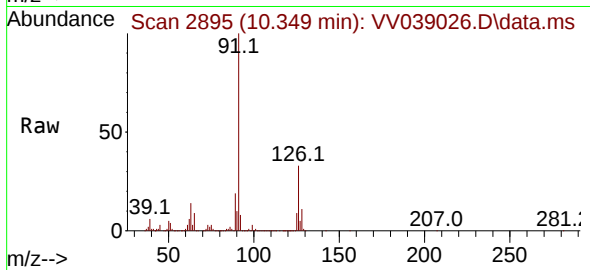




#79
2-Chlorotoluene
Concen: 100.878 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

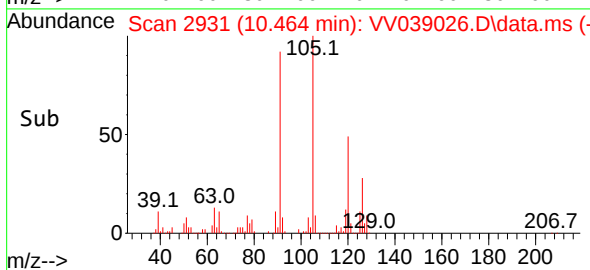
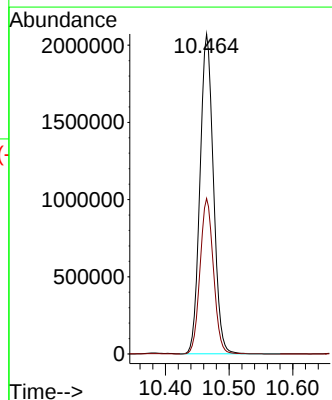
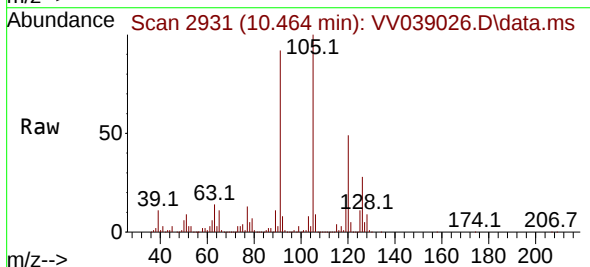
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

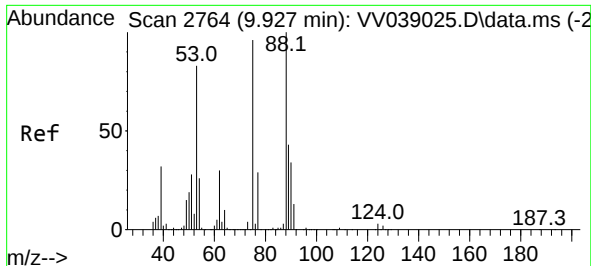
Tgt Ion: 91 Resp: 2516555
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 107.802 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 105 Resp: 3034101
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.8

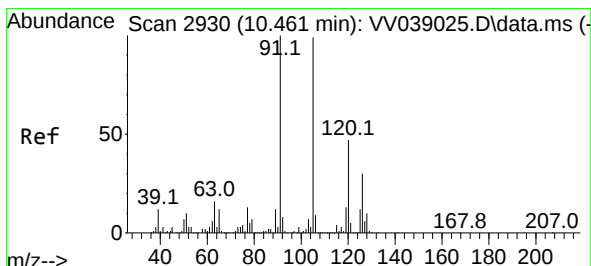
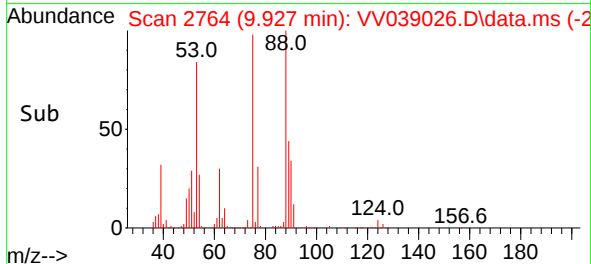
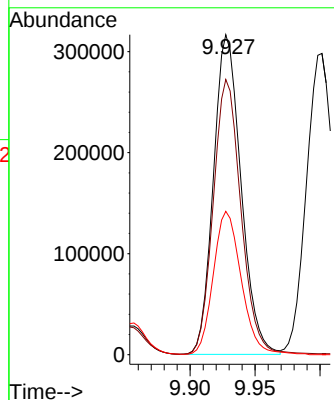
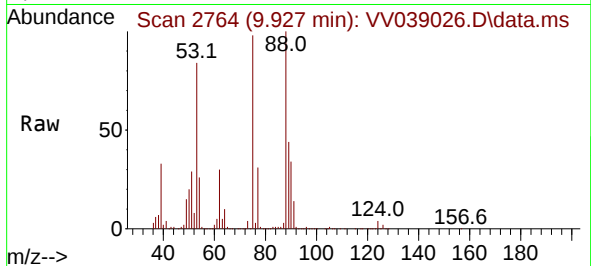




#81
trans-1,4-Dichloro-2-butene
Concen: 106.945 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

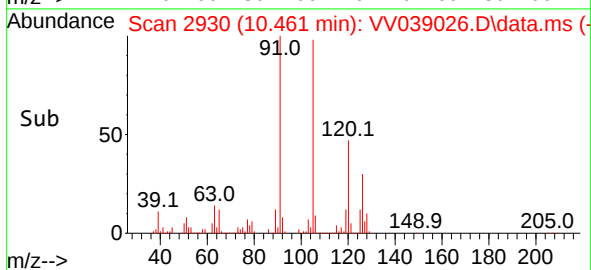
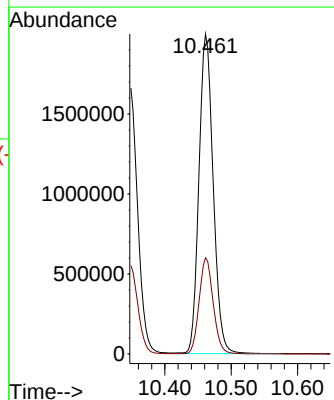
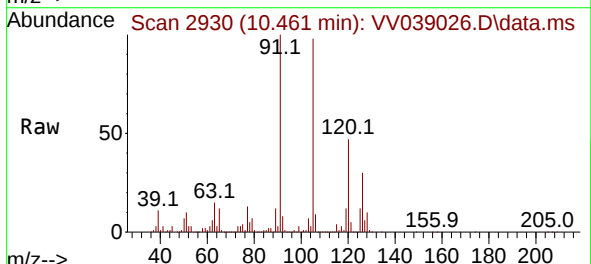
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

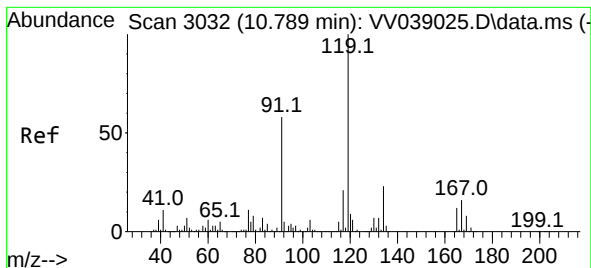
Tgt Ion: 75 Resp: 467156
Ion Ratio Lower Upper
75 100
53 86.1 70.2 105.4
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 104.749 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 91 Resp: 2972688
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.5





#83

tert-Butylbenzene

Concen: 102.798 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

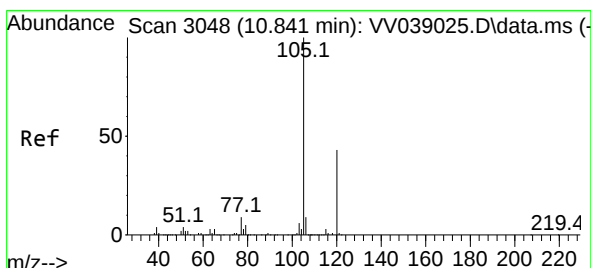
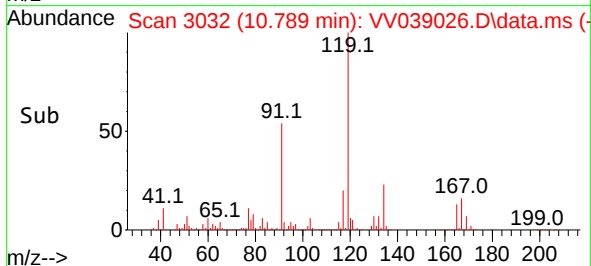
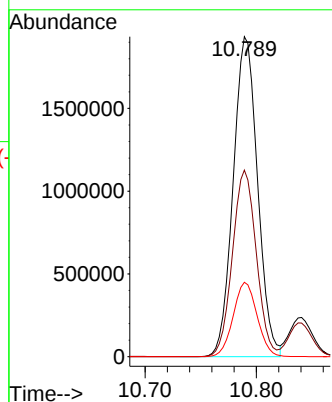
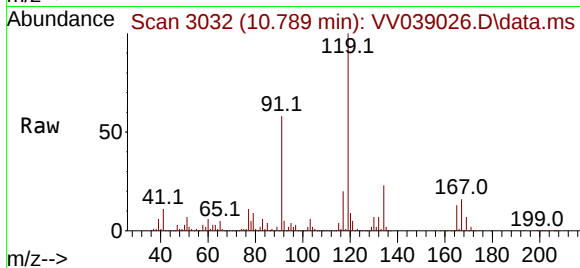
Tgt Ion:119 Resp: 2943590

Ion Ratio Lower Upper

119 100

91 57.0 28.1 84.4

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 106.054 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039026.D

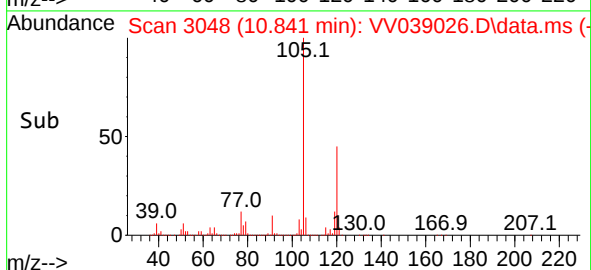
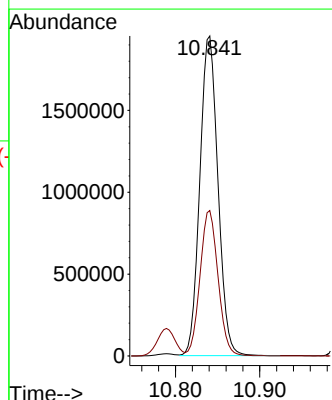
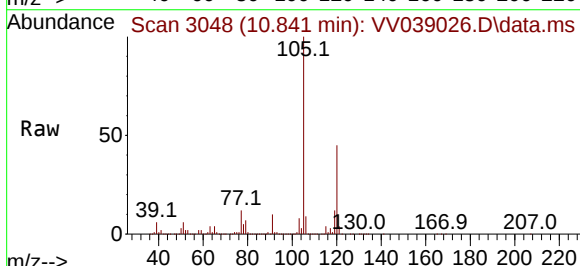
Acq: 25 Aug 2025 11:46

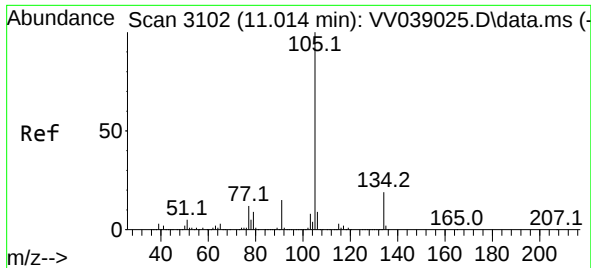
Tgt Ion:105 Resp: 2921204

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8

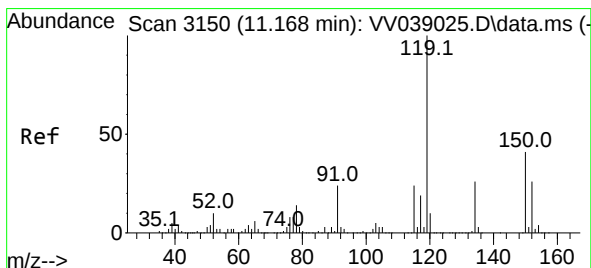
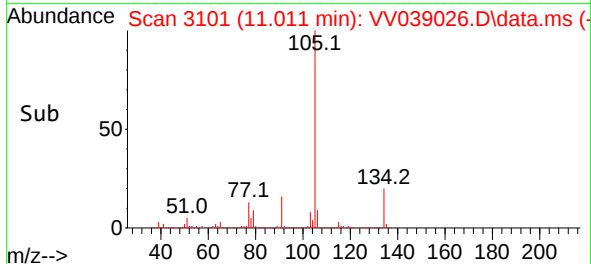
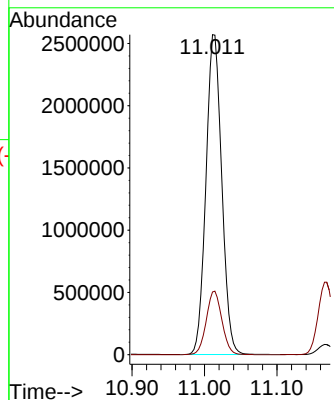
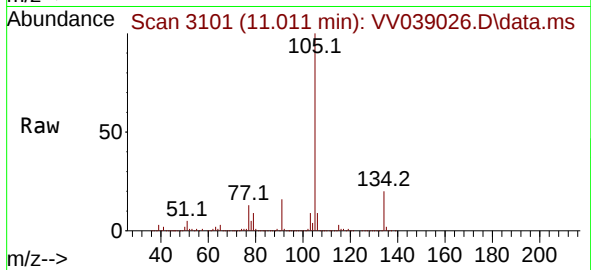




#85
 sec-Butylbenzene
 Concen: 103.185 ug/l
 RT: 11.011 min Scan# 3102
 Delta R.T. -0.003 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

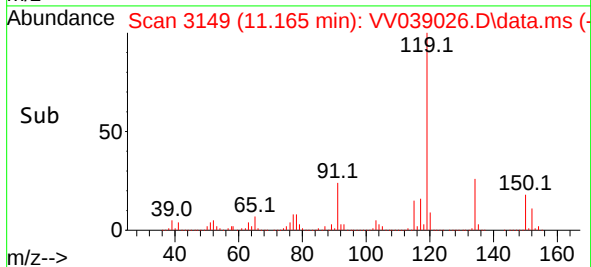
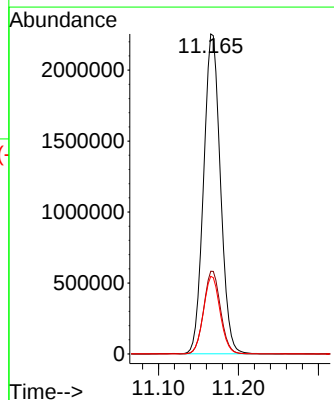
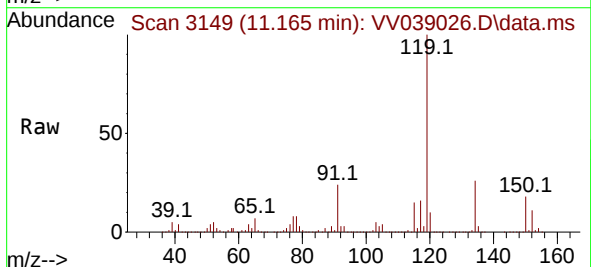
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

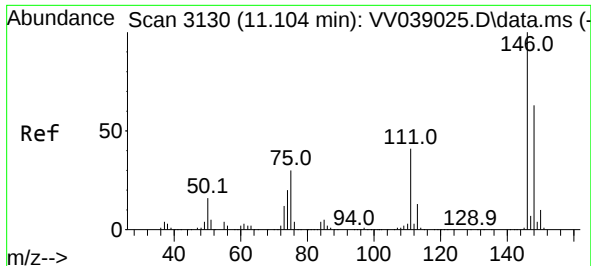
Tgt Ion:105 Resp: 3885782
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 104.913 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VV039026.D
 Acq: 25 Aug 2025 11:46

Tgt Ion:119 Resp: 3294477
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 97.643 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

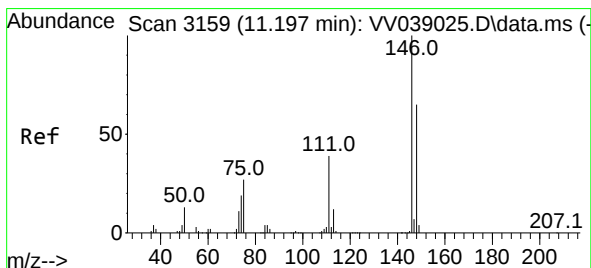
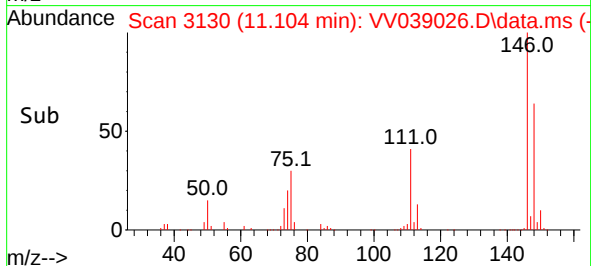
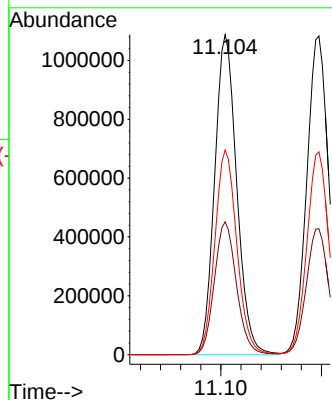
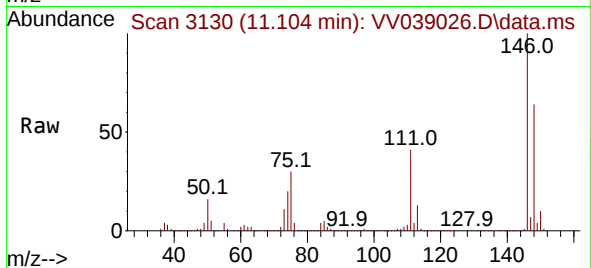
Tgt Ion:146 Resp: 1658427

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 91.556 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

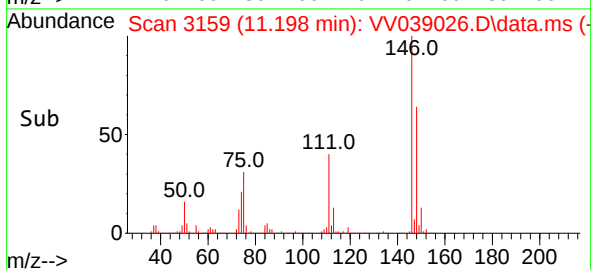
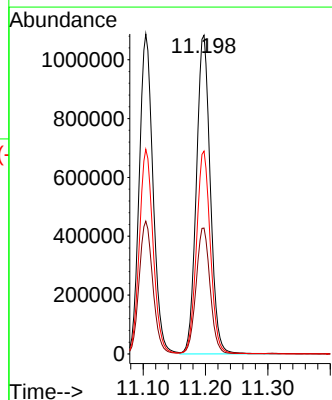
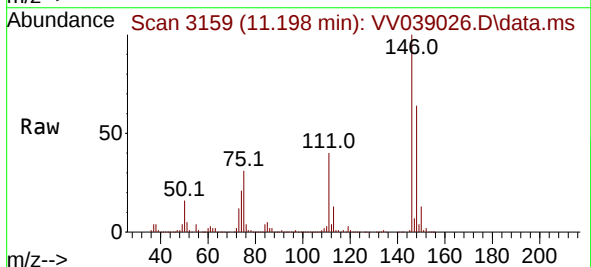
Tgt Ion:146 Resp: 1675532

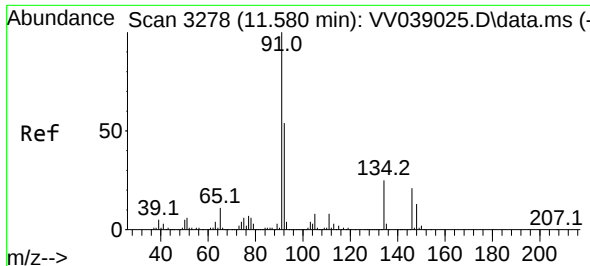
Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.3

148 63.5 32.5 97.4

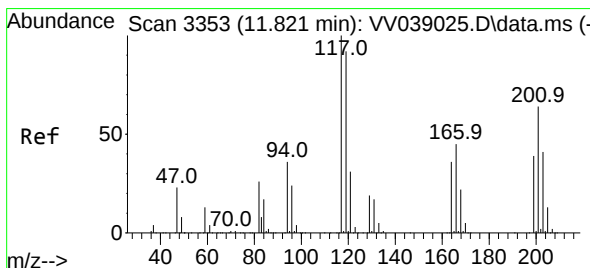
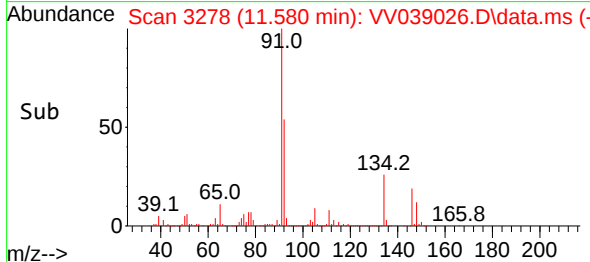
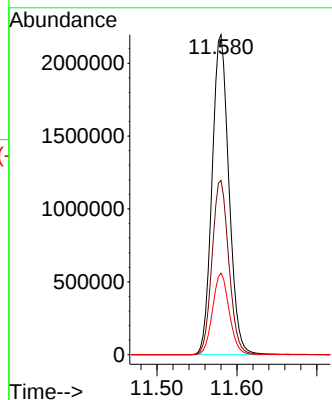
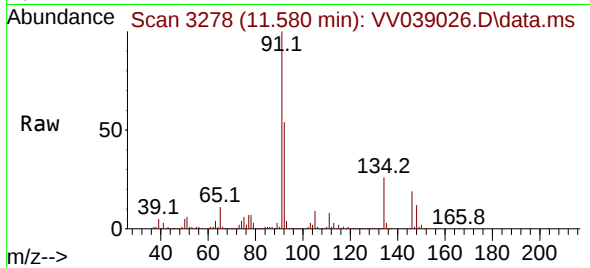




#89
n-Butylbenzene
Concen: 106.027 ug/l
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

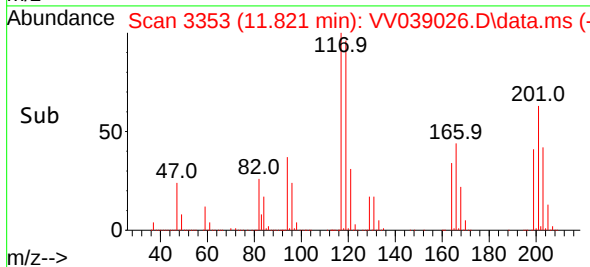
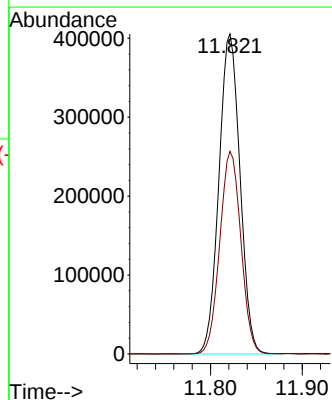
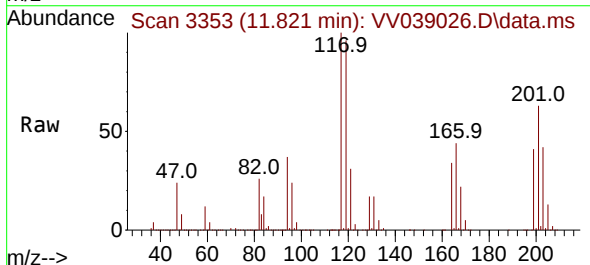
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

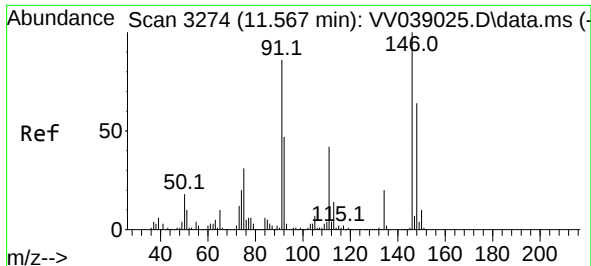
Tgt Ion: 91 Resp: 3211339
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.4
134 25.2 12.2 36.6



#90
Hexachloroethane
Concen: 92.217 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 117 Resp: 646897
Ion Ratio Lower Upper
117 100
201 63.5 32.2 96.6

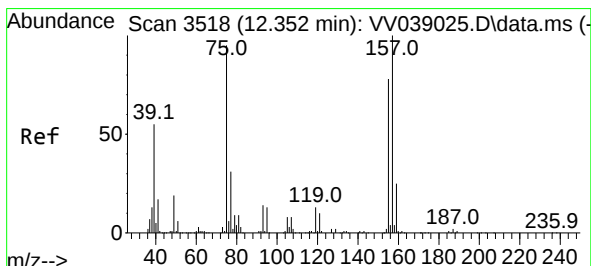
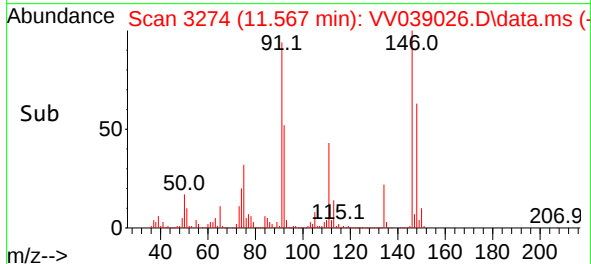
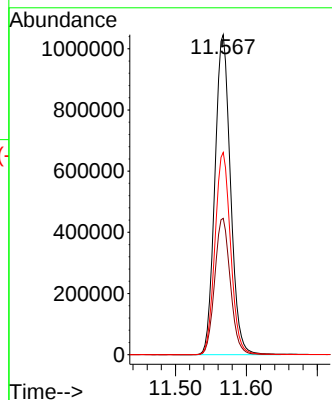
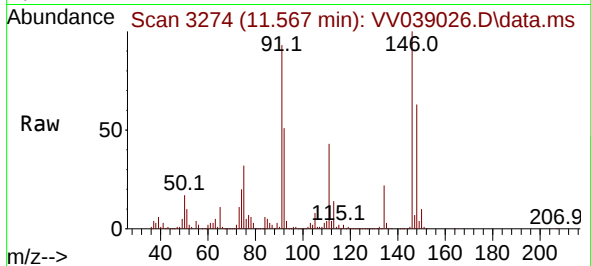




#91
1,2-Dichlorobenzene
Concen: 96.888 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

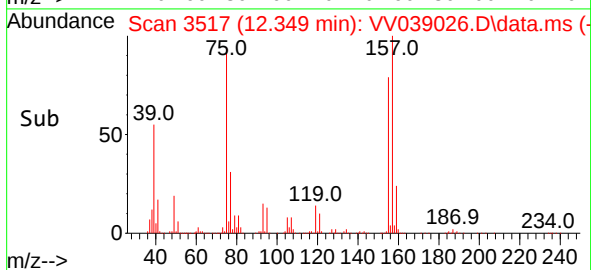
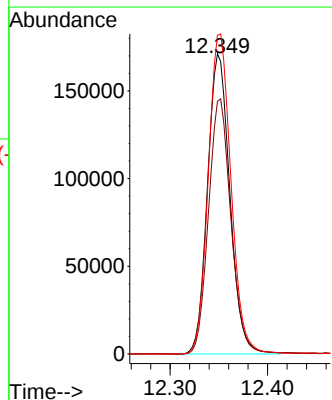
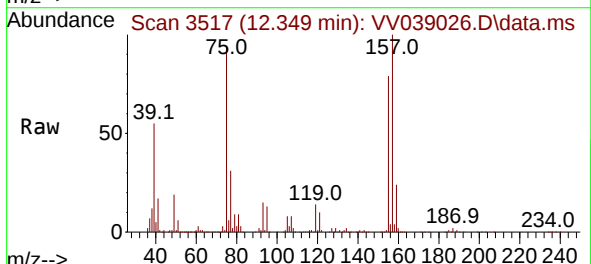
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

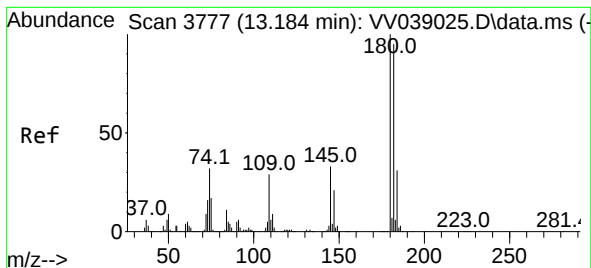
Tgt Ion:146 Resp: 1596077
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.4
148 63.4 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 92.977 ug/l
RT: 12.349 min Scan# 3517
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion: 75 Resp: 272885
Ion Ratio Lower Upper
75 100
155 85.4 40.9 122.7
157 108.1 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 109.514 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

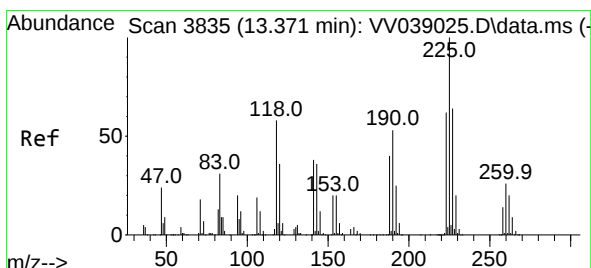
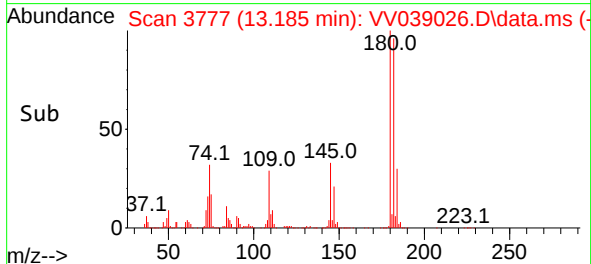
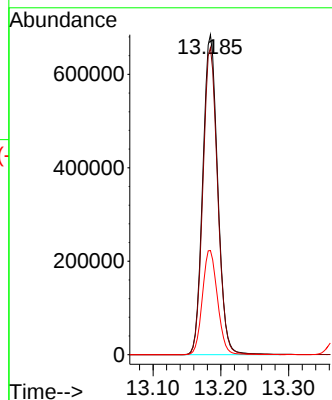
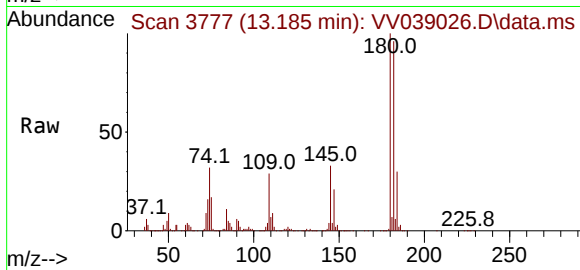
Tgt Ion:180 Resp: 1045383

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.6

145 32.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 91.787 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

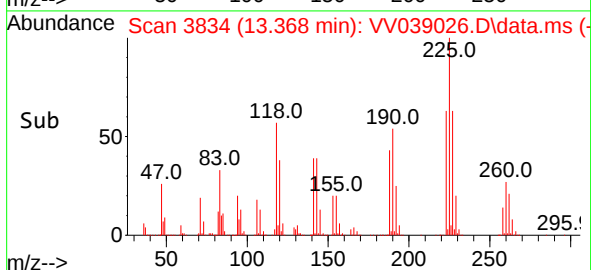
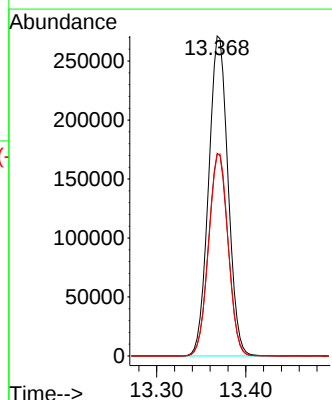
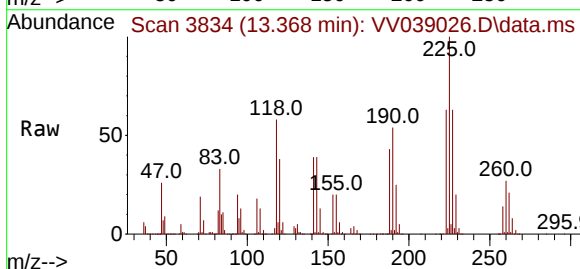
Tgt Ion:225 Resp: 409706

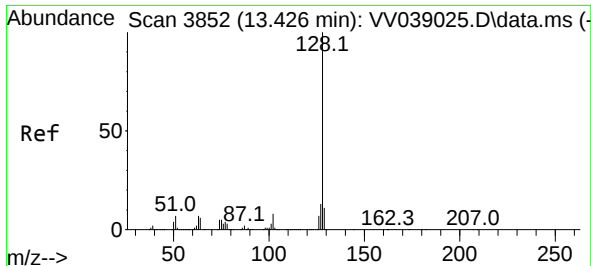
Ion Ratio Lower Upper

225 100

223 63.7 32.1 96.5

227 63.5 31.6 95.0

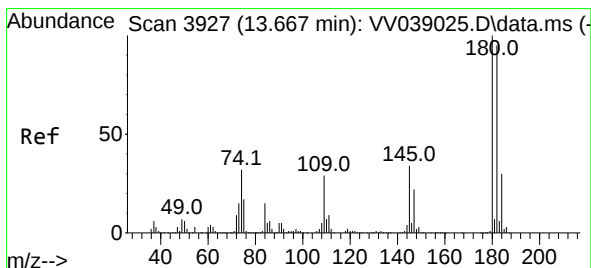
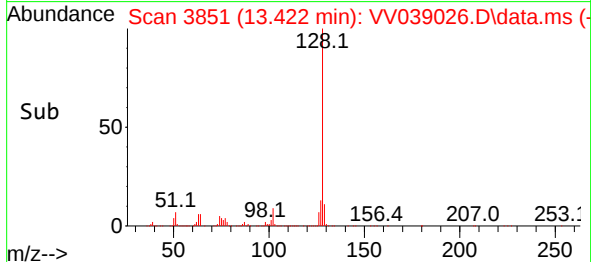
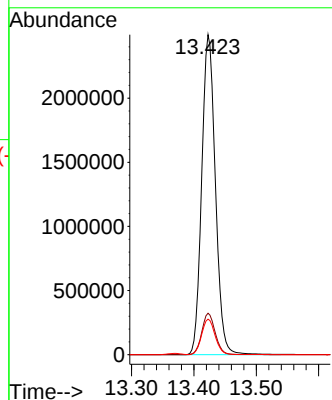
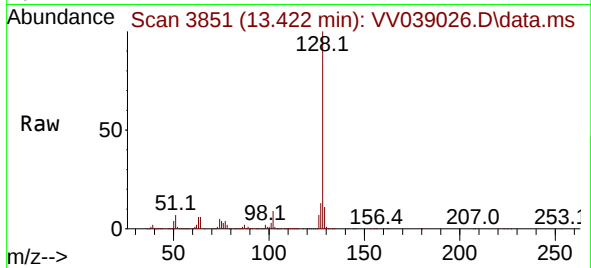




#95
Naphthalene
Concen: 114.832 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 3801809
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 109.302 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. -0.003 min
Lab File: VV039026.D
Acq: 25 Aug 2025 11:46

Tgt Ion:180 Resp: 1057233
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 34.5 17.0 51.0

