

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039023.D
 Acq On : 25 Aug 2025 10:38
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 26 02:13:00 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	4.596	168	512736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	863413	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	806323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	435987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	75104	10.156	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	20.320%#
35) Dibromofluoromethane	4.506	113	66097	10.630	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	21.260%#
50) Toluene-d8	7.239	98	222402	10.102	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	20.200%#
62) 4-Bromofluorobenzene	10.005	95	82628	10.243	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	20.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	72613	10.575	ug/l	98
3) Chloromethane	1.227	50	77748	10.625	ug/l	98
4) Vinyl Chloride	1.294	62	89863	10.531	ug/l	100
5) Bromomethane	1.497	94	45582	10.631	ug/l	100
6) Chloroethane	1.561	64	55350	10.970	ug/l	95
7) Trichlorofluoromethane	1.725	101	130791	10.648	ug/l	99
8) Diethyl Ether	1.918	74	47953	10.291	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	77773	10.510	ug/l	98
10) Methyl Iodide	2.198	142	45700	11.171	ug/l	99
11) Tert butyl alcohol	2.564	59	68216	51.386	ug/l	100
12) 1,1-Dichloroethene	2.082	96	72503	10.234	ug/l	93
13) Acrolein	2.011	56	22504	37.546	ug/l	96
14) Allyl chloride	2.358	41	103188	9.254	ug/l	98
15) Acrylonitrile	2.677	53	197971	50.004	ug/l	98
16) Acetone	2.117	43	244936	52.440	ug/l	97
17) Carbon Disulfide	2.252	76	191347	9.730	ug/l	100
18) Methyl Acetate	2.384	43	88934	9.774	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	210083	10.064	ug/l	100
20) Methylene Chloride	2.455	84	76780	10.066	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	70188	9.884	ug/l	96
22) Diisopropyl ether	3.214	45	211924	10.443	ug/l #	79
23) Vinyl Acetate	3.191	43	829125	49.829	ug/l	99
24) 1,1-Dichloroethane	3.121	63	132505	10.423	ug/l	99
25) 2-Butanone	3.870	43	247959	48.259	ug/l	99
26) 2,2-Dichloropropane	3.812	77	112911	10.332	ug/l	97
27) cis-1,2-Dichloroethene	3.828	96	78866	10.021	ug/l	97
28) Bromochloromethane	4.156	49	29145	8.349	ug/l	98
29) Tetrahydrofuran	4.233	42	161941	51.141	ug/l	95
30) Chloroform	4.278	83	137090	10.368	ug/l	99
31) Cyclohexane	4.583	56	115693	10.290	ug/l	96
32) 1,1,1-Trichloroethane	4.516	97	121201	10.413	ug/l	100
36) 1,1-Dichloropropene	4.751	75	83162	9.952	ug/l	99
37) Ethyl Acetate	3.985	43	88136	8.986	ug/l	99
38) Carbon Tetrachloride	4.735	117	110629	11.055	ug/l	98
39) Methylcyclohexane	6.046	83	109750	10.231	ug/l	98
40) Benzene	5.011	78	284776	10.663	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.172	41	32054	8.978	ug/l #	83
42) 1,2-Dichloroethane	5.047	62	96850	10.400	ug/l	98
43) Isopropyl Acetate	5.194	43	142148	10.183	ug/l	98
44) Trichloroethene	5.834	130	67595	10.081	ug/l	93
45) 1,2-Dichloropropane	6.095	63	69176	10.189	ug/l	95
46) Dibromomethane	6.230	93	53842	10.457	ug/l	98
47) Bromodichloromethane	6.426	83	108380	10.216	ug/l	95
48) Methyl methacrylate	6.304	41	60420	8.869	ug/l	97
49) 1,4-Dioxane	6.294	88	19411	168.371	ug/l	87
51) 4-Methyl-2-Pentanone	7.146	43	504623	50.963	ug/l	100
52) Toluene	7.310	92	175786	10.320	ug/l	100
53) t-1,3-Dichloropropene	7.580	75	103485	10.161	ug/l	98
54) cis-1,3-Dichloropropene	6.953	75	111867	10.225	ug/l	96
55) 1,1,2-Trichloroethane	7.763	97	74903	10.540	ug/l	99
56) Ethyl methacrylate	7.718	69	93258	9.894	ug/l	96
57) 1,3-Dichloropropane	7.937	76	117760	10.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	239713	47.679	ug/l	98
59) 2-Hexanone	8.066	43	358073	48.890	ug/l	98
60) Dibromochloromethane	8.169	129	85037	10.344	ug/l	100
61) 1,2-Dibromoethane	8.275	107	78079	10.645	ug/l	100
64) Tetrachloroethene	7.898	164	60752	10.599	ug/l	98
65) Chlorobenzene	8.805	112	201897	10.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	73112	10.853	ug/l	99
67) Ethyl Benzene	8.937	91	310050	10.157	ug/l	99
68) m/p-Xylenes	9.062	106	246196	20.976	ug/l	100
69) o-Xylene	9.471	106	108880	10.132	ug/l	95
70) Styrene	9.487	104	194731	10.286	ug/l	100
71) Bromoform	9.657	173	57244	10.509	ug/l #	100
73) Isopropylbenzene	9.857	105	307605	10.067	ug/l	99
74) N-amyl acetate	9.728	43	112593	8.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.168	83	121105	10.061	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	87861	10.266	ug/l	99
77) Bromobenzene	10.143	156	78729	10.401	ug/l	95
78) n-propylbenzene	10.278	91	363427	10.076	ug/l	99
79) 2-Chlorotoluene	10.349	91	221382	9.961	ug/l	99
80) 1,3,5-Trimethylbenzene	10.467	105	258036	10.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	37916	9.743	ug/l	96
82) 4-Chlorotoluene	10.464	91	256662	10.152	ug/l	100
83) tert-Butylbenzene	10.789	119	263707	10.337	ug/l	100
84) 1,2,4-Trimethylbenzene	10.840	105	260581	10.619	ug/l	100
85) sec-Butylbenzene	11.014	105	347930	10.371	ug/l	100
86) p-Isopropyltoluene	11.168	119	289447	10.346	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	162643	10.749	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	171060	10.492	ug/l	98
89) n-Butylbenzene	11.583	91	271112	10.047	ug/l	98
90) Hexachloroethane	11.821	117	65996	10.560	ug/l	96
91) 1,2-Dichlorobenzene	11.570	146	150039	10.223	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	27312	10.445	ug/l	94
93) 1,2,4-Trichlorobenzene	13.188	180	84400	9.925	ug/l	100
94) Hexachlorobutadiene	13.371	225	41634	10.470	ug/l	96
95) Naphthalene	13.426	128	272154	9.227	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	85494	9.921	ug/l	97

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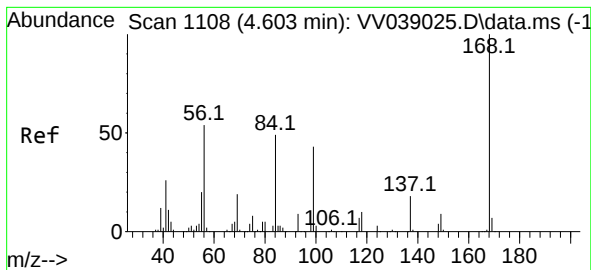
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.007 min

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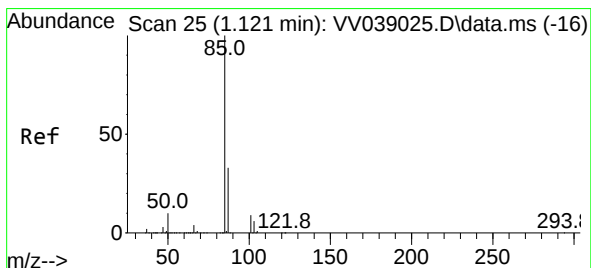
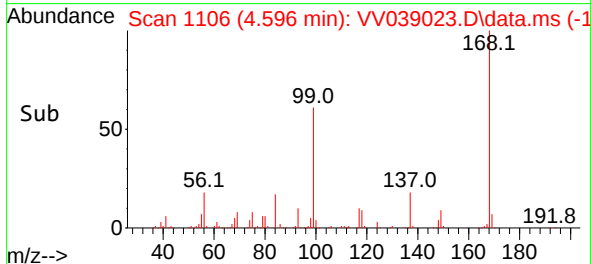
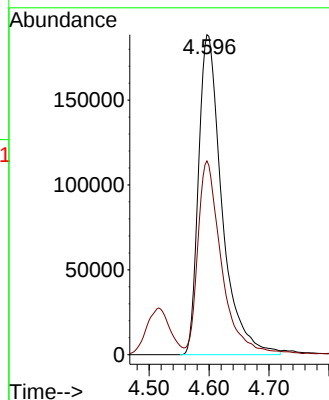
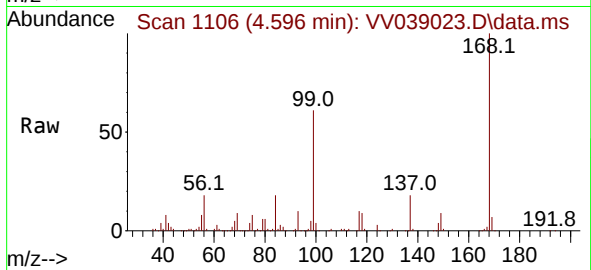
VSTDIC010

Tgt Ion:168 Resp: 512736

Ion Ratio Lower Upper

168 100

99 59.5 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 10.575 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039023.D

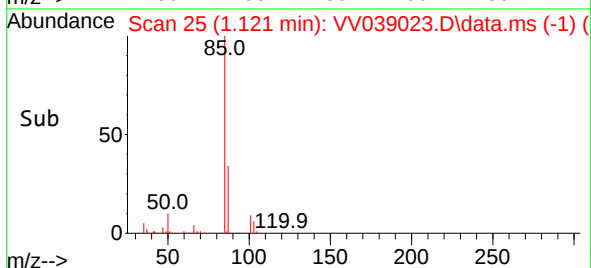
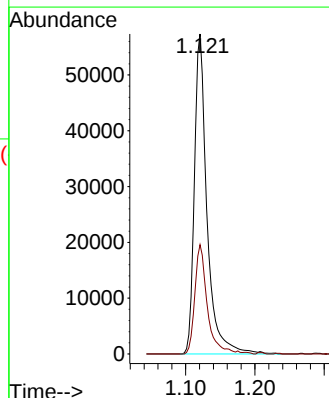
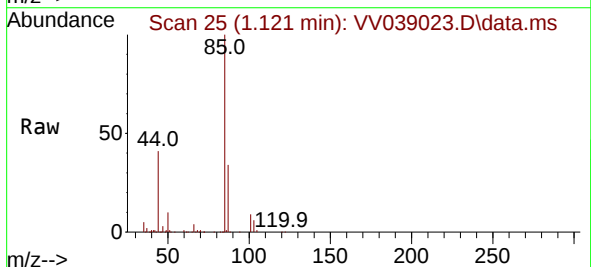
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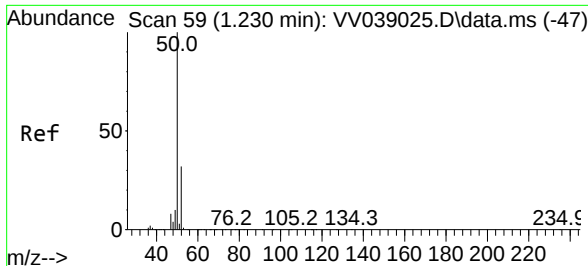
Tgt Ion: 85 Resp: 72613

Ion Ratio Lower Upper

85 100

87 34.2 16.6 49.8

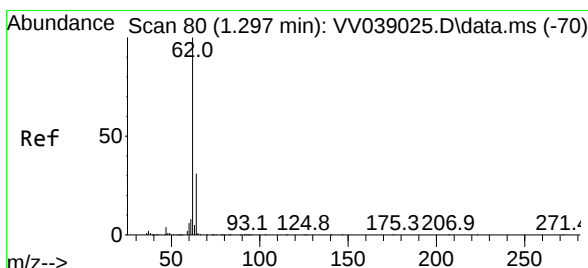
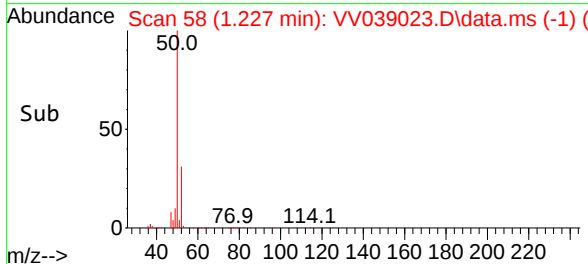
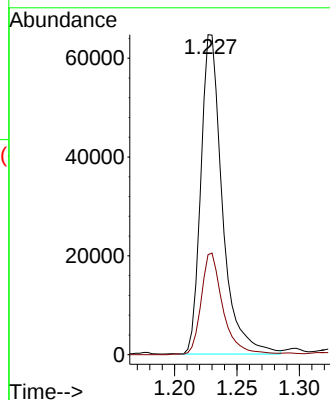
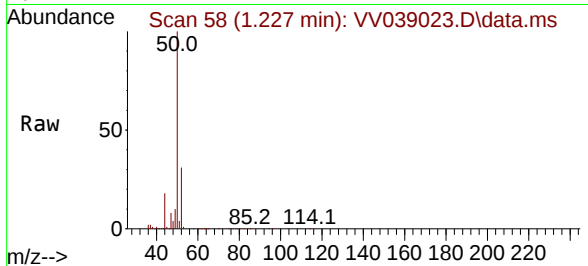




#3
Chloromethane
Concen: 10.625 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV039023.D
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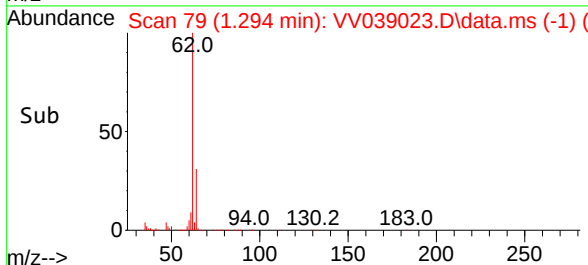
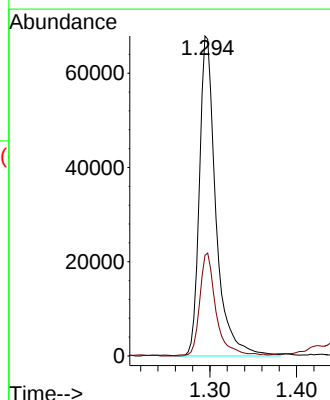
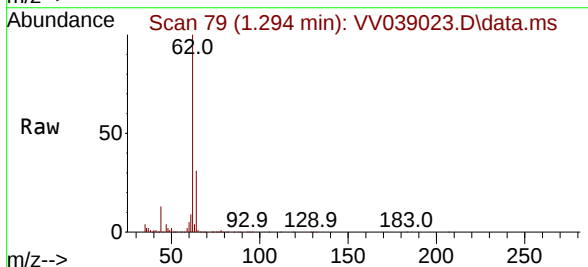
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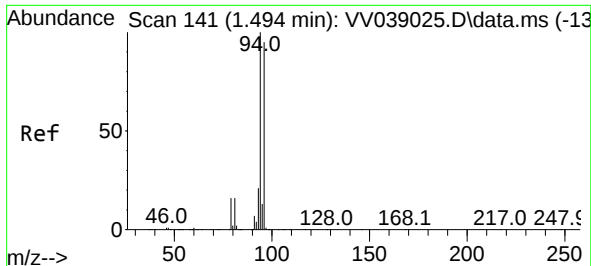
Tgt Ion: 50 Resp: 77748
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4



#4
Vinyl Chloride
Concen: 10.531 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 62 Resp: 89863
Ion Ratio Lower Upper
62 100
64 31.1 24.7 37.1

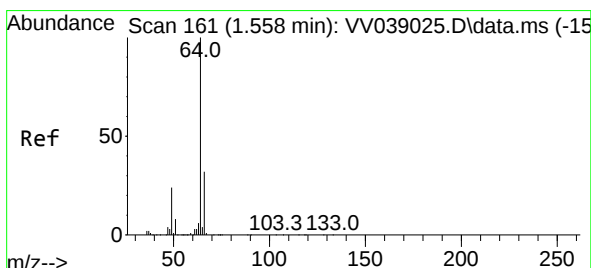
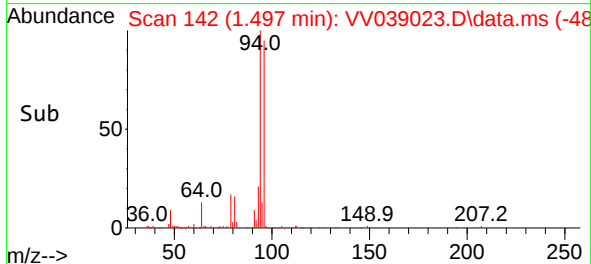
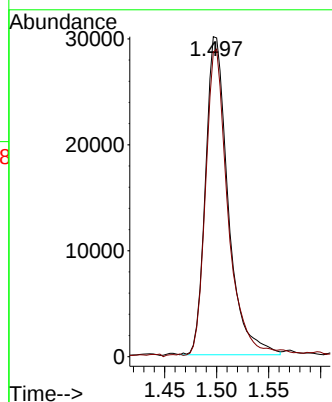
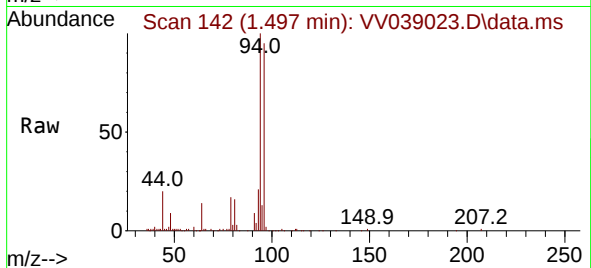




#5
Bromomethane
Concen: 10.631 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

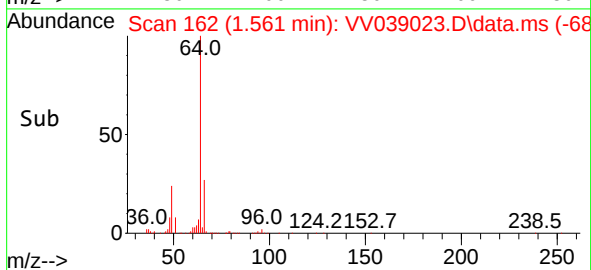
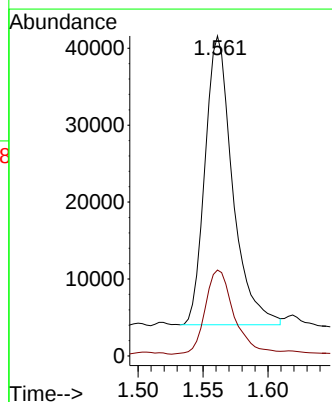
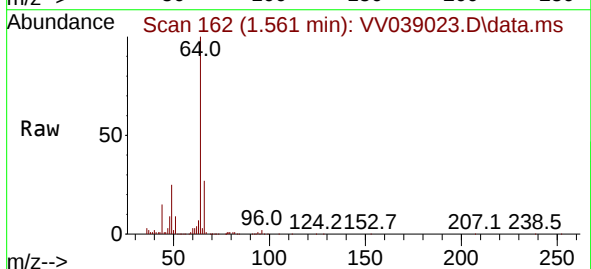
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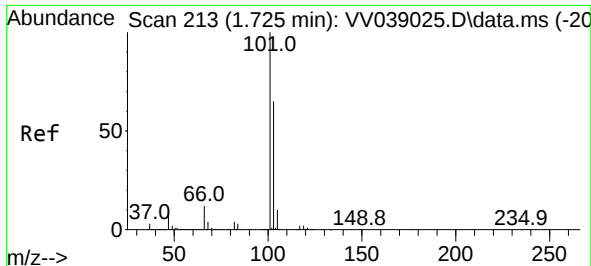
Tgt Ion: 94 Resp: 45582
Ion Ratio Lower Upper
94 100
96 94.8 76.2 114.2



#6
Chloroethane
Concen: 10.970 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 64 Resp: 55350
Ion Ratio Lower Upper
64 100
66 28.9 25.4 38.2

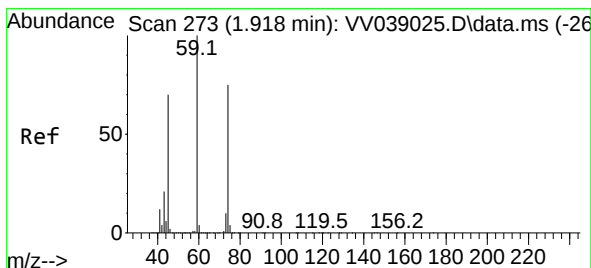
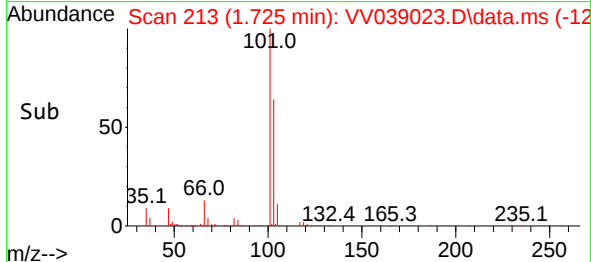
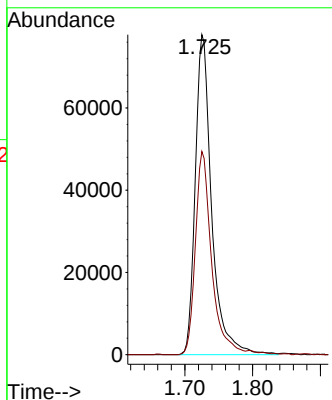
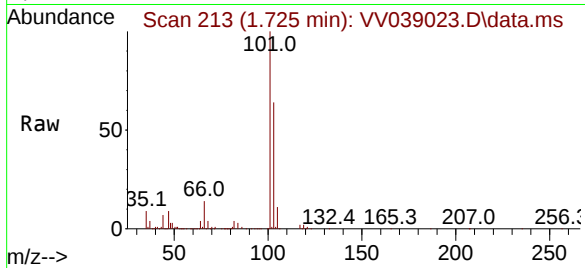




#7
 Trichlorofluoromethane
 Concen: 10.648 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039023.D
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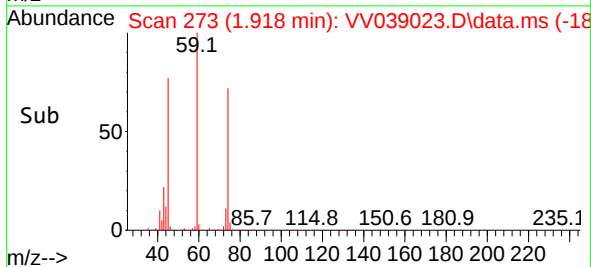
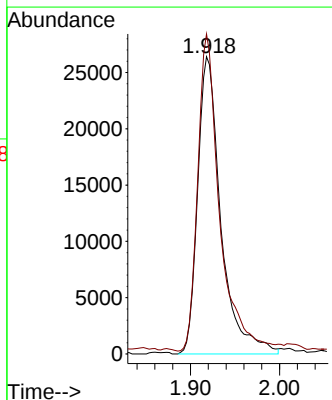
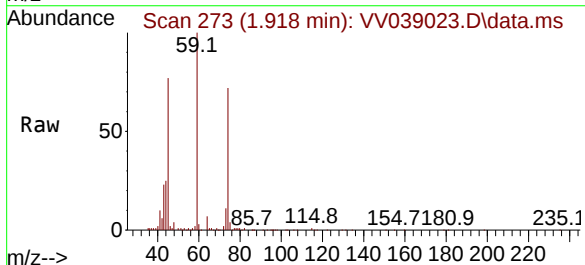
Instrument :
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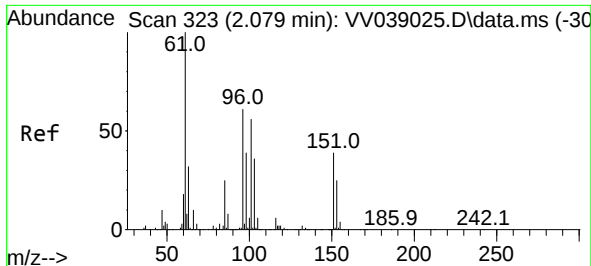
Tgt Ion:101 Resp: 130791
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 10.291 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 47953
 Ion Ratio Lower Upper
 74 100
 45 101.1 48.1 144.4

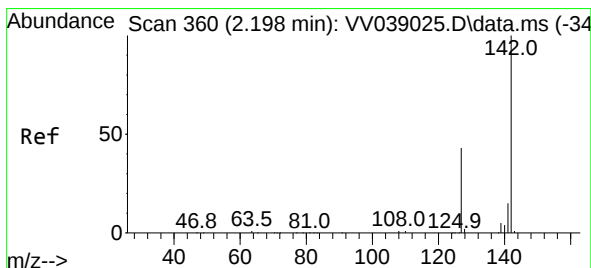
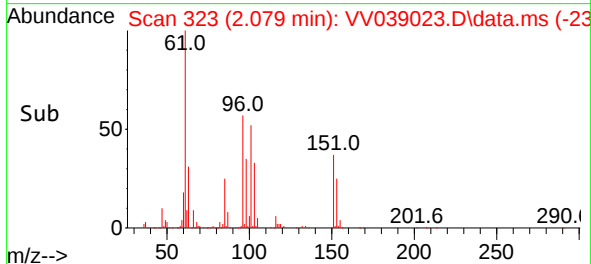
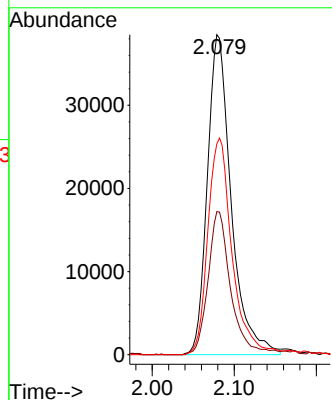
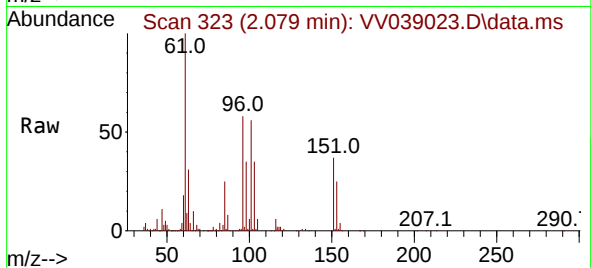




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.510 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039023.D
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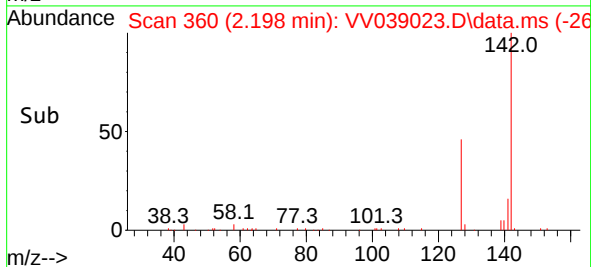
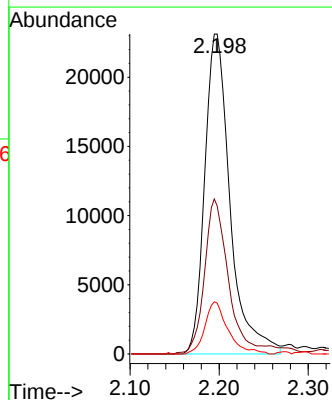
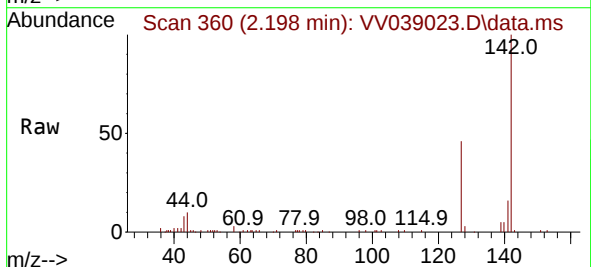
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

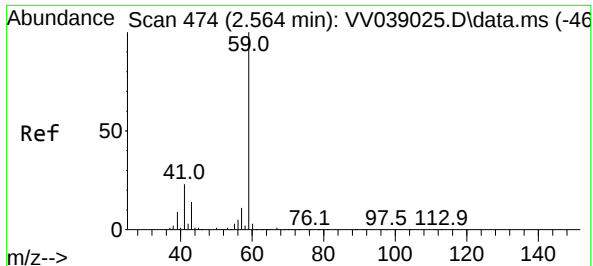
Tgt Ion:101 Resp: 77773
Ion Ratio Lower Upper
101 100
85 42.7 35.5 53.3
151 68.8 56.1 84.1



#10
Methyl Iodide
Concen: 11.171 ug/l
RT: 2.198 min Scan# 360
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:142 Resp: 45700
Ion Ratio Lower Upper
142 100
127 45.4 35.7 53.5
141 14.8 11.6 17.4

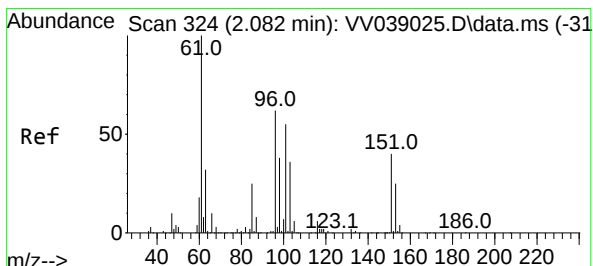
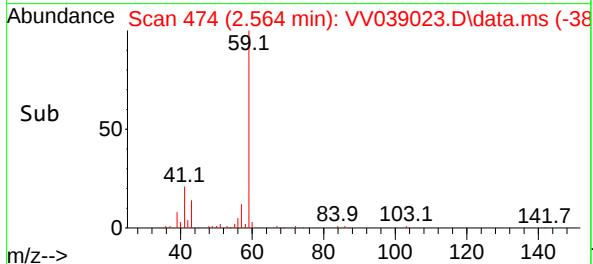
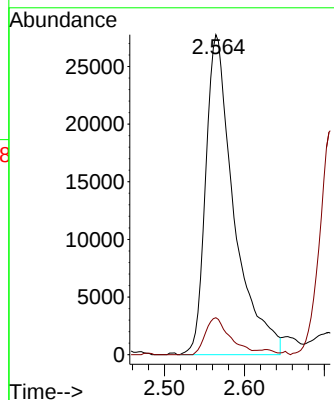
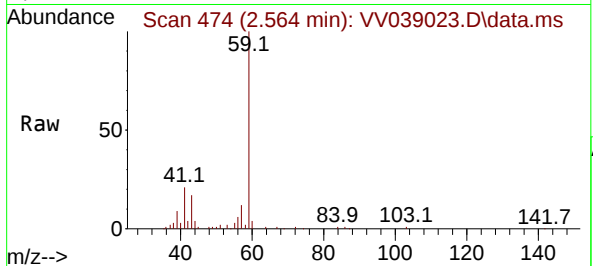




#11
Tert butyl alcohol
Concen: 51.386 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

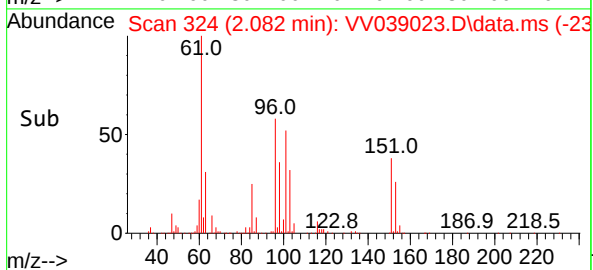
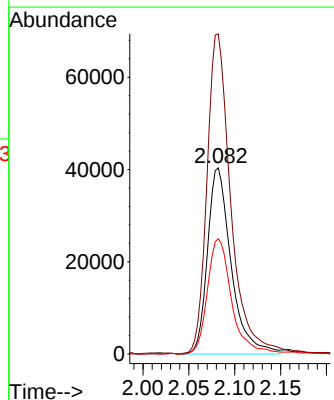
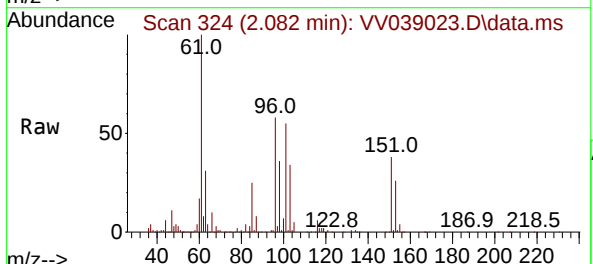
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

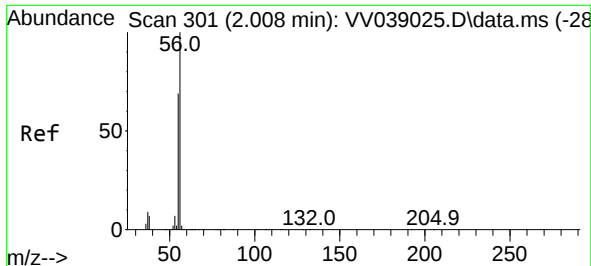
Tgt Ion: 59 Resp: 68216
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 10.234 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 96 Resp: 72503
Ion Ratio Lower Upper
96 100
61 172.0 128.2 192.2
98 62.0 49.3 73.9

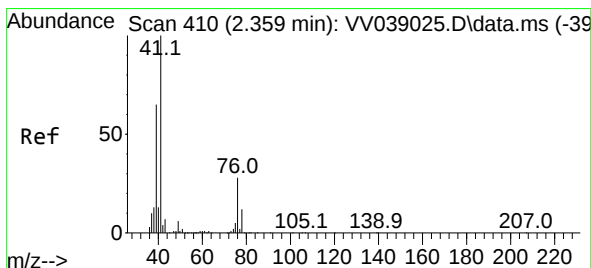
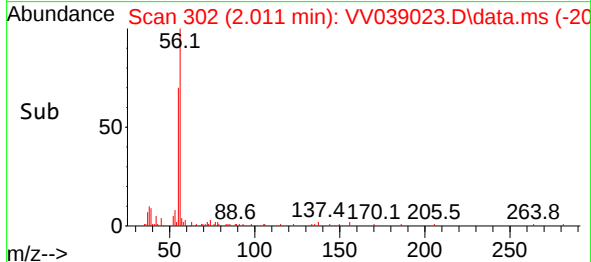
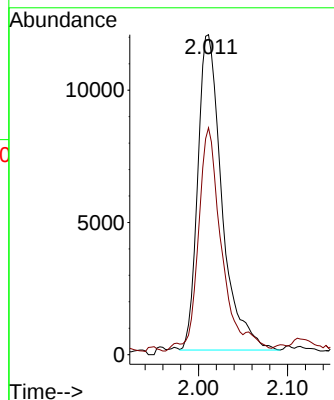
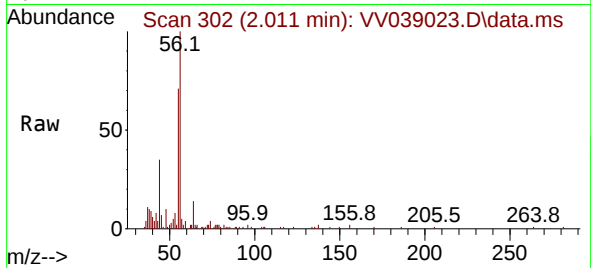




#13
Acrolein
Concen: 37.546 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

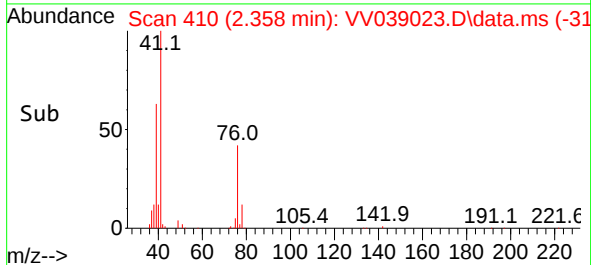
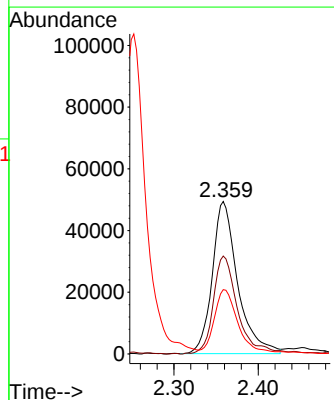
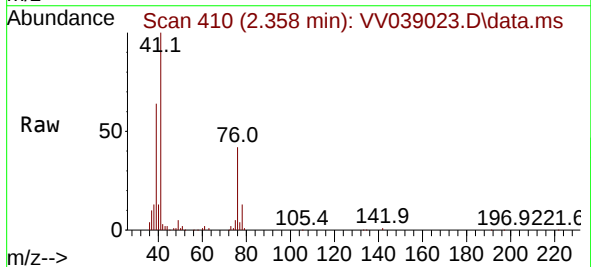
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

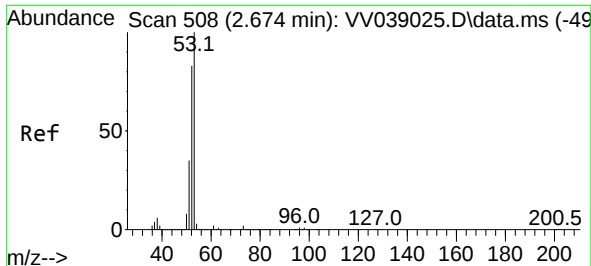
Tgt Ion: 56 Resp: 22504
Ion Ratio Lower Upper
56 100
55 64.8 54.7 82.1



#14
Allyl chloride
Concen: 9.254 ug/l
RT: 2.358 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 41 Resp: 103188
Ion Ratio Lower Upper
41 100
39 61.5 48.5 72.7
76 37.5 29.0 43.6

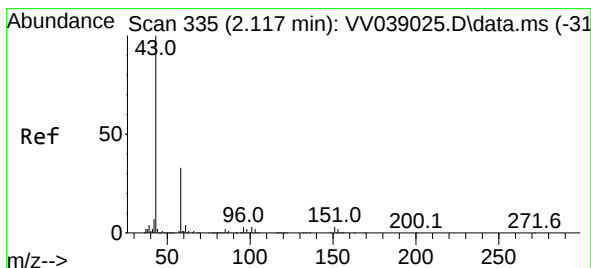
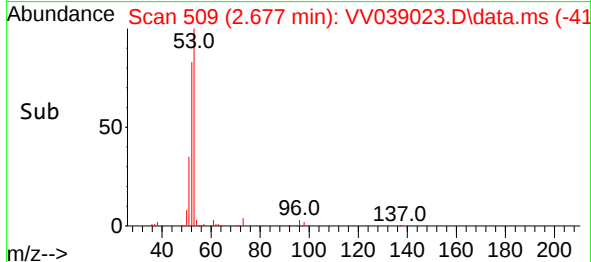
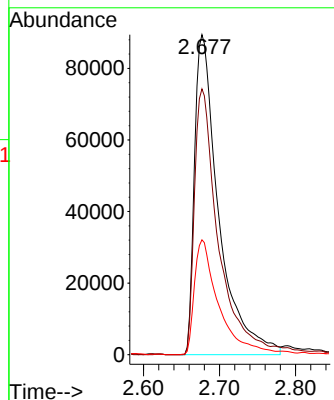
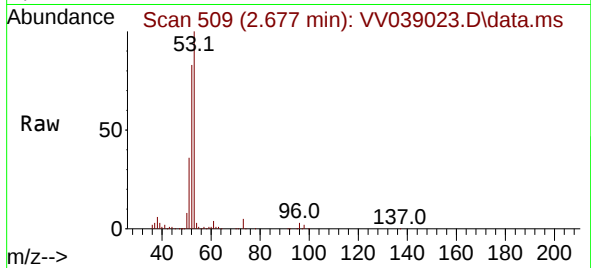




#15
Acrylonitrile
Concen: 50.004 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

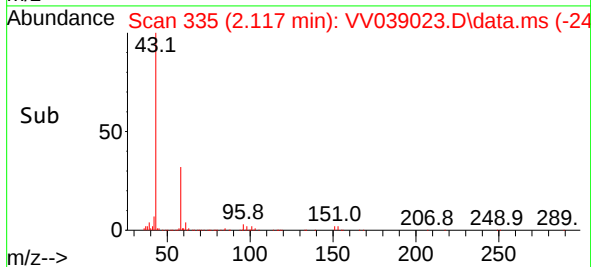
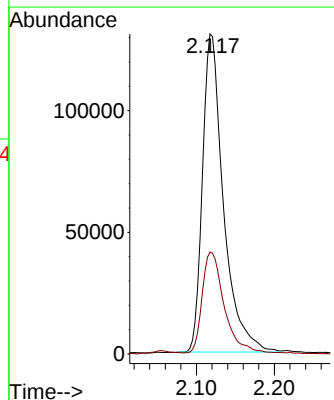
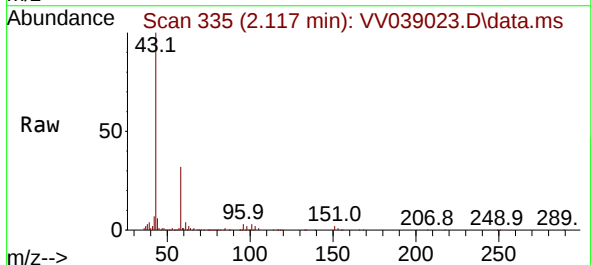
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

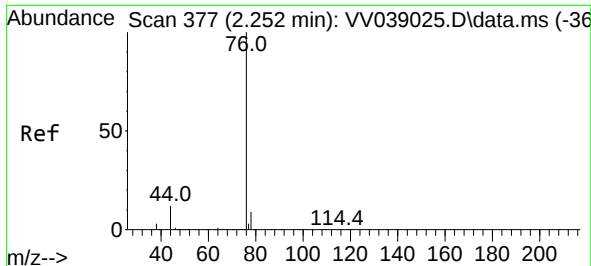
Tgt Ion: 53 Resp: 197971
Ion Ratio Lower Upper
53 100
52 83.7 65.9 98.9
51 36.1 27.9 41.9



#16
Acetone
Concen: 52.440 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 43 Resp: 244936
Ion Ratio Lower Upper
43 100
58 31.6 26.6 40.0

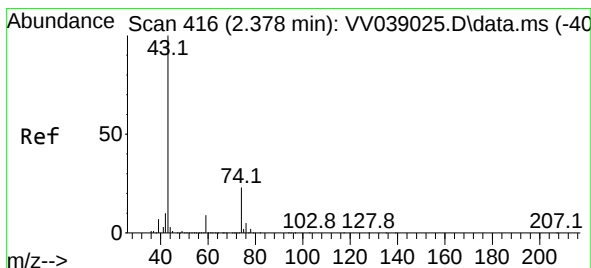
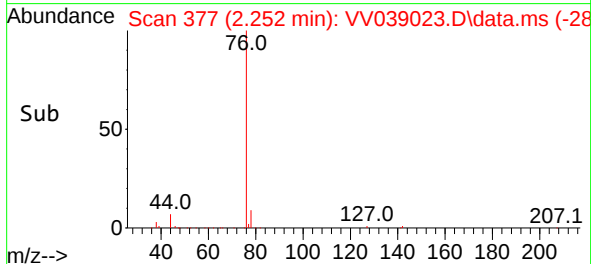
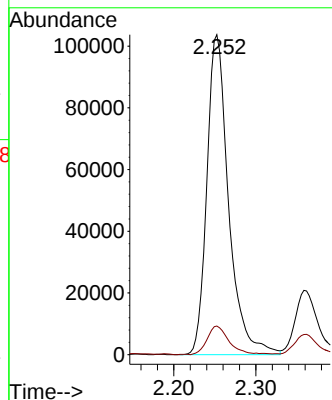
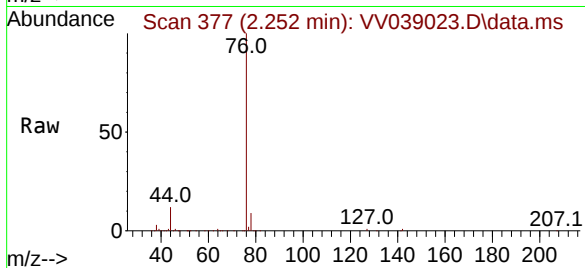




#17
Carbon Disulfide
Concen: 9.730 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

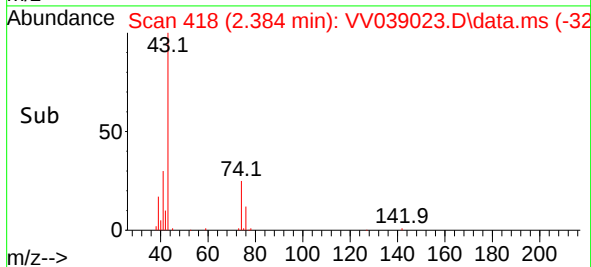
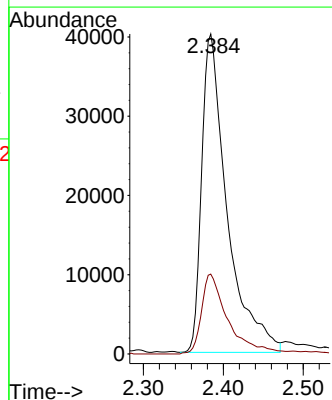
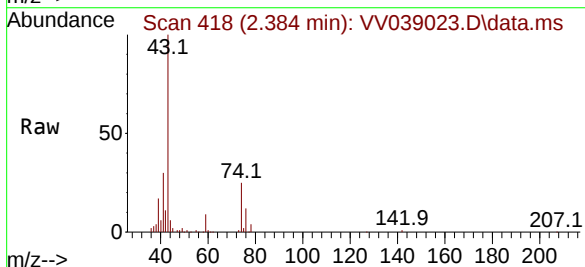
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

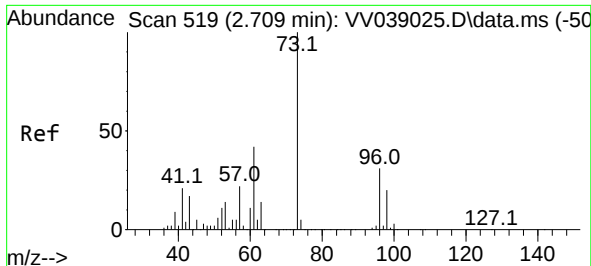
Tgt Ion: 76 Resp: 191347
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 9.774 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 43 Resp: 88934
Ion Ratio Lower Upper
43 100
74 26.0 18.9 28.3

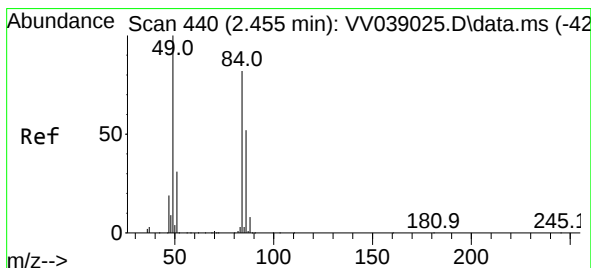
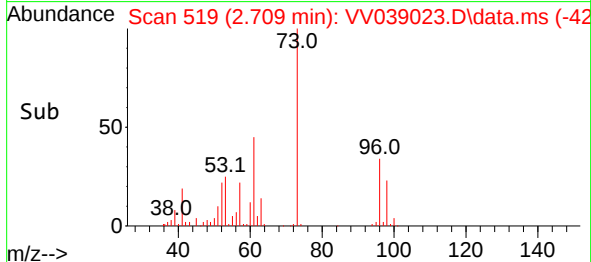
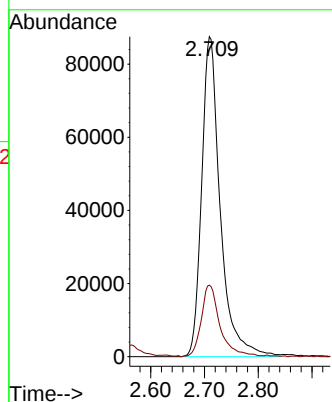
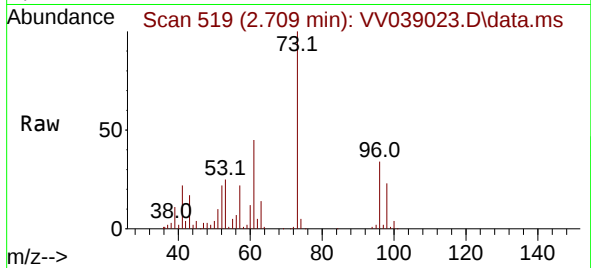




#19
Methyl tert-butyl Ether
Concen: 10.064 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

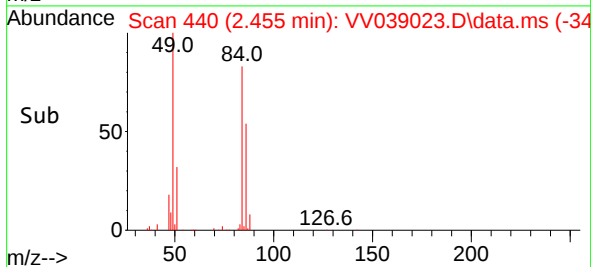
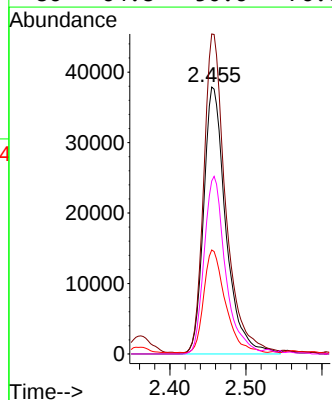
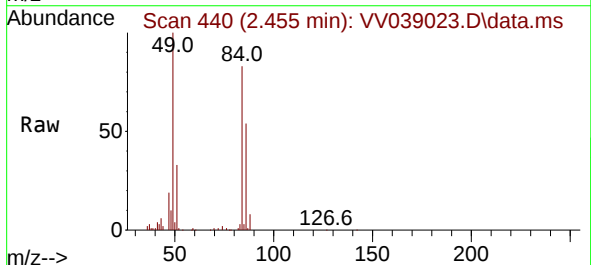
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

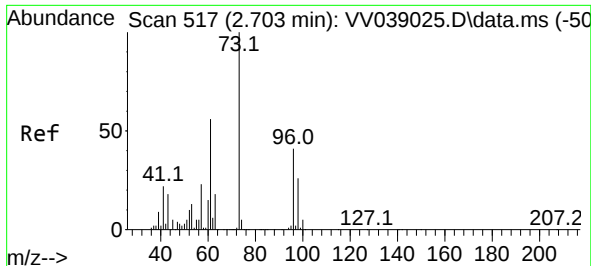
Tgt Ion: 73 Resp: 210083
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 10.066 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 84 Resp: 76780
Ion Ratio Lower Upper
84 100
49 119.5 97.8 146.8
51 38.5 30.3 45.5
86 64.8 50.6 76.0

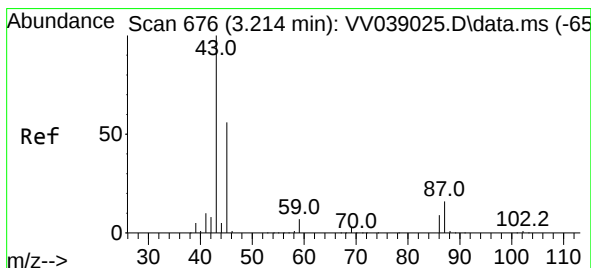
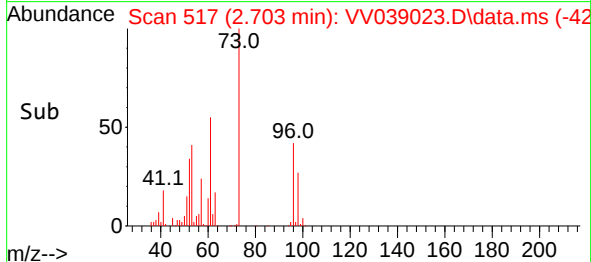
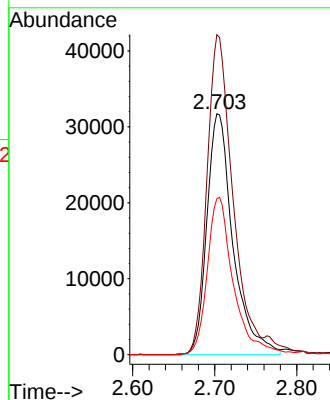
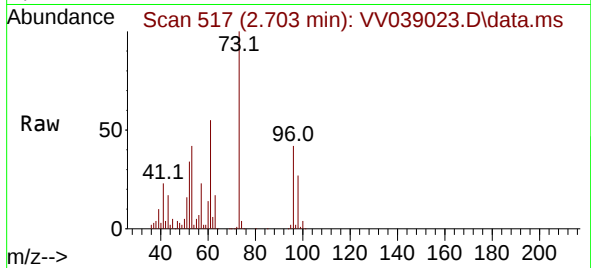




#21
trans-1,2-Dichloroethene
Concen: 9.884 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

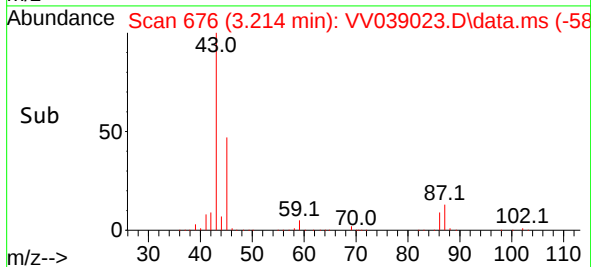
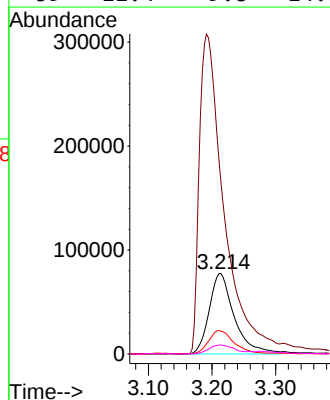
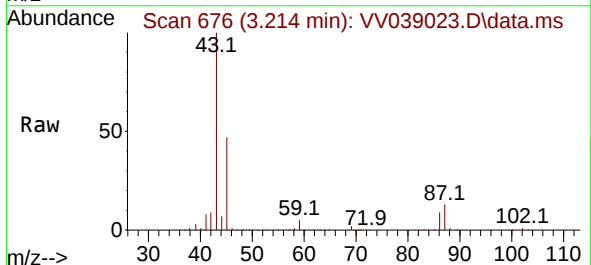
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

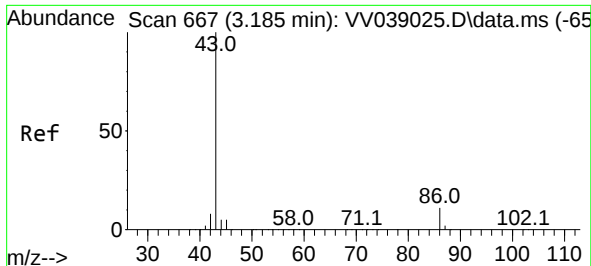
Tgt Ion: 96 Resp: 70188
Ion Ratio Lower Upper
96 100
61 132.4 110.1 165.1
98 64.7 50.2 75.4



#22
Diisopropyl ether
Concen: 10.443 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 45 Resp: 211924
Ion Ratio Lower Upper
45 100
43 214.6 143.0 214.4#
87 28.2 23.8 35.6
59 11.4 9.8 14.8

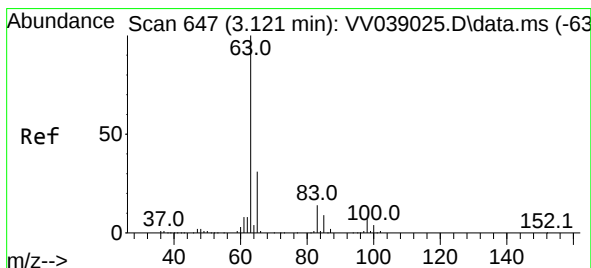
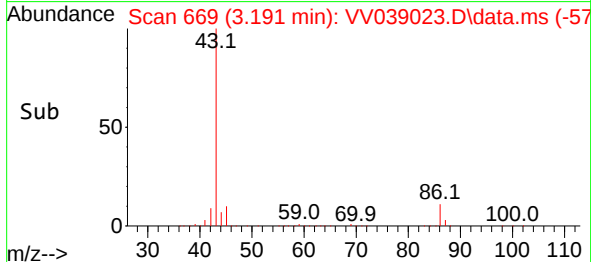
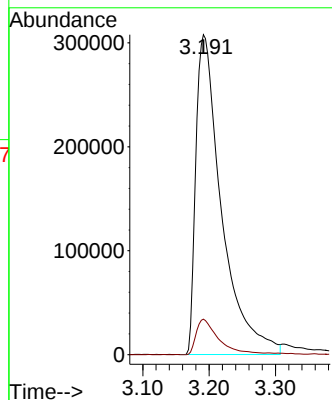
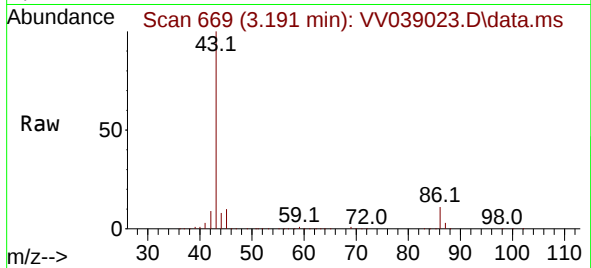




#23
 Vinyl Acetate
 Concen: 49.829 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV039023.D
 Acq: 25 Aug 2025 10:38

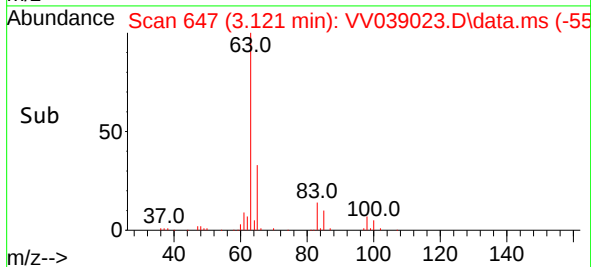
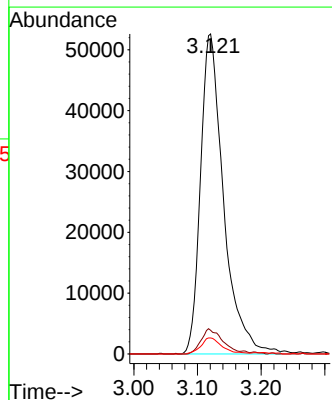
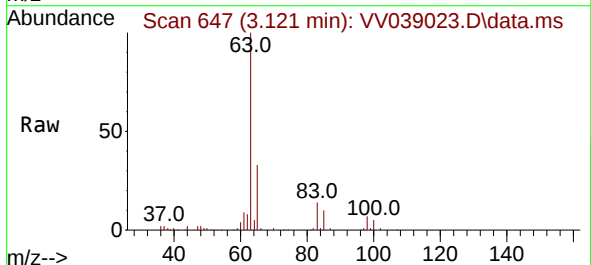
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

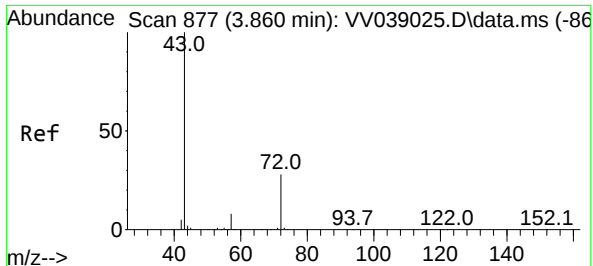
Tgt Ion: 43 Resp: 829125
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 10.423 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. -0.000 min
 Lab File: VV039023.D
 Acq: 25 Aug 2025 10:38

Tgt Ion: 63 Resp: 132505
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 5.0 2.2 6.6

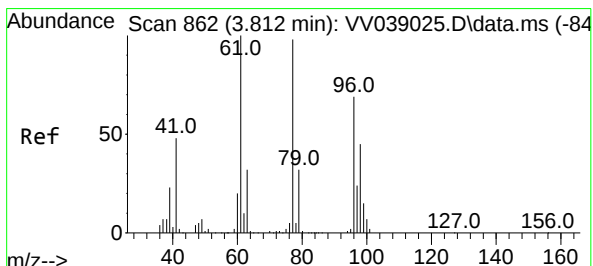
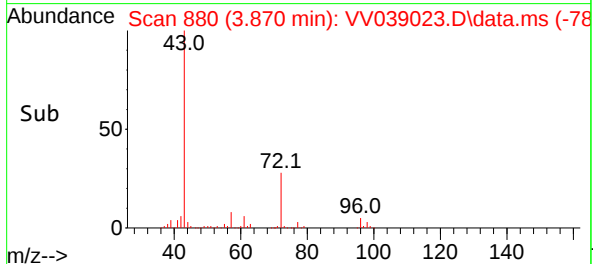
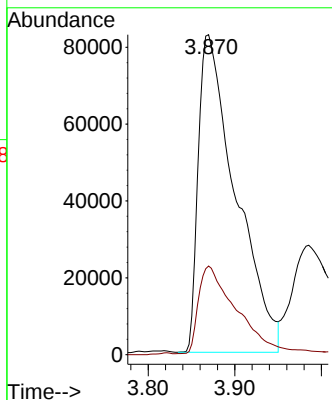
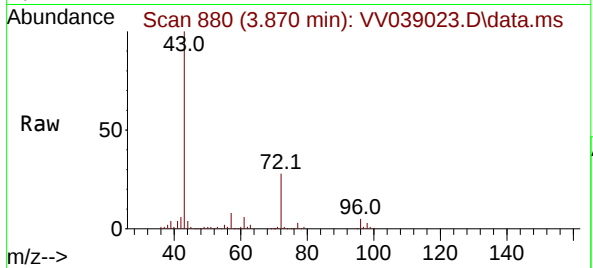




#25
2-Butanone
Concen: 48.259 ug/l
RT: 3.870 min Scan# 877
Delta R.T. 0.010 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

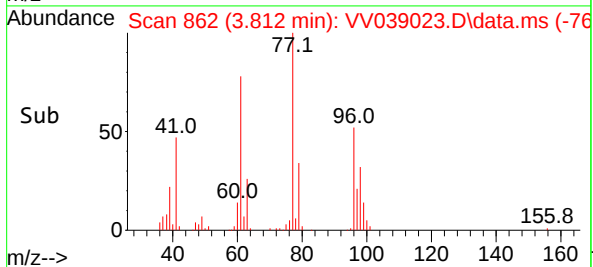
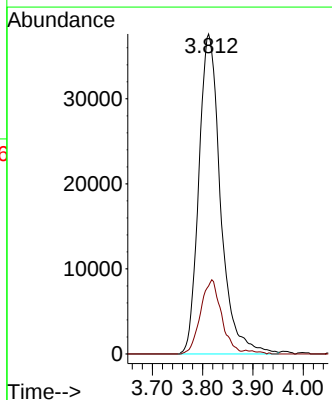
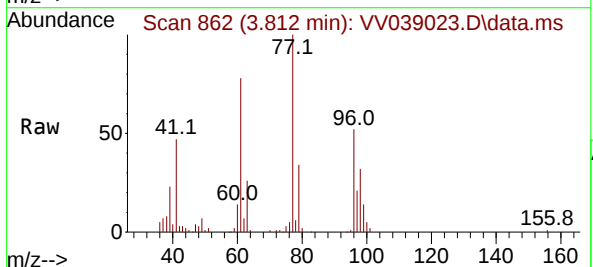
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

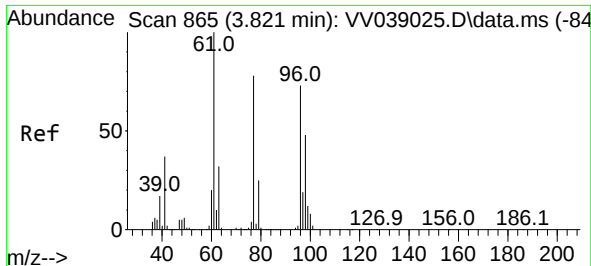
Tgt Ion: 43 Resp: 247959
Ion Ratio Lower Upper
43 100
72 27.6 22.6 33.8



#26
2,2-Dichloropropane
Concen: 10.332 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 77 Resp: 112911
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 10.021 ug/l

RT: 3.828 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

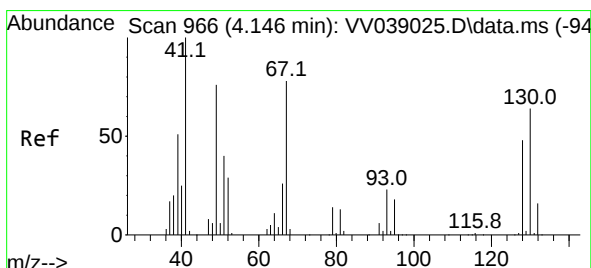
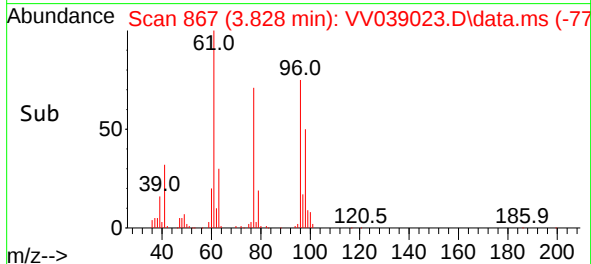
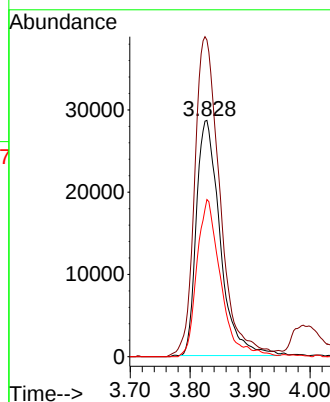
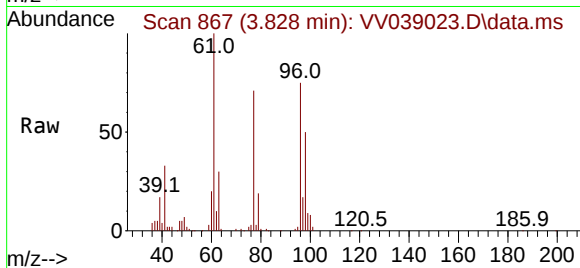
Tgt Ion: 96 Resp: 78866

Ion Ratio Lower Upper

96 100

61 145.2 0.0 280.8

98 65.4 0.0 130.2



#28

Bromochloromethane

Concen: 8.349 ug/l

RT: 4.156 min Scan# 969

Delta R.T. 0.010 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

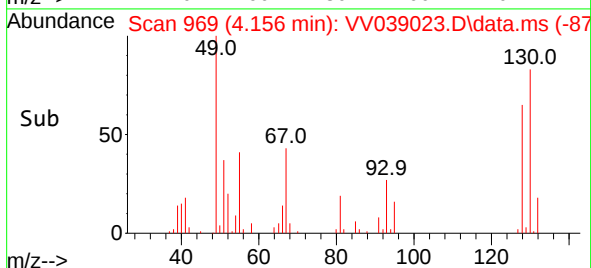
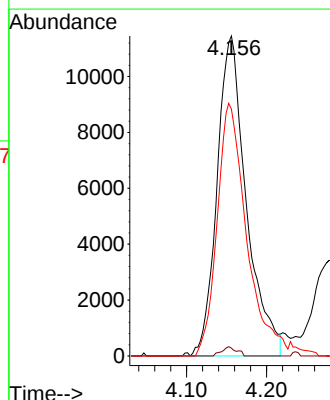
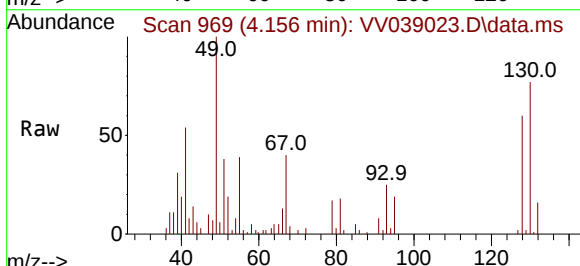
Tgt Ion: 49 Resp: 29145

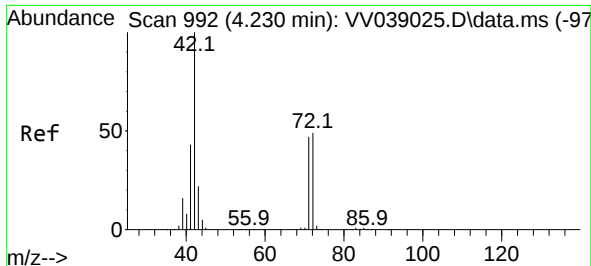
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

130 79.0 64.9 97.3





#29

Tetrahydrofuran

Concen: 51.141 ug/l

RT: 4.233 min Scan# 992

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

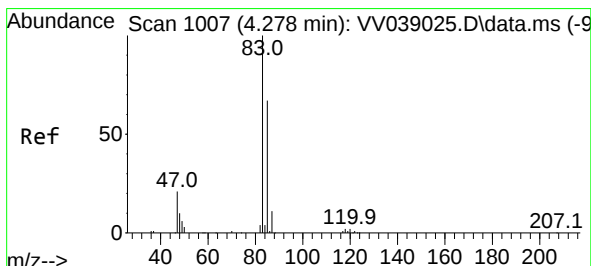
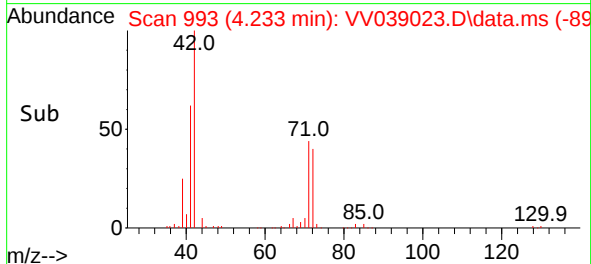
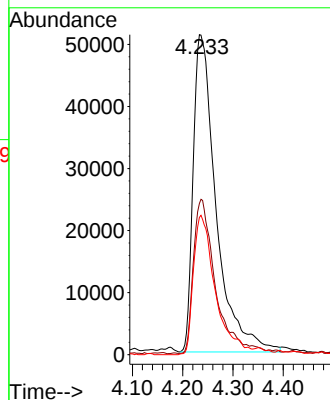
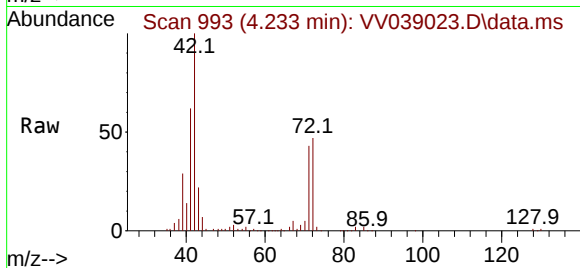
Tgt Ion: 42 Resp: 161941

Ion Ratio Lower Upper

42 100

72 46.6 39.0 58.4

71 41.9 37.0 55.6



#30

Chloroform

Concen: 10.368 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039023.D

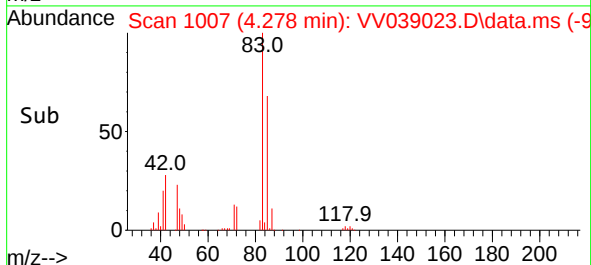
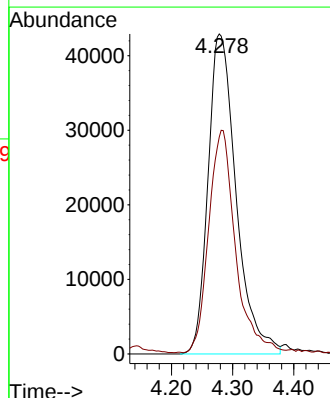
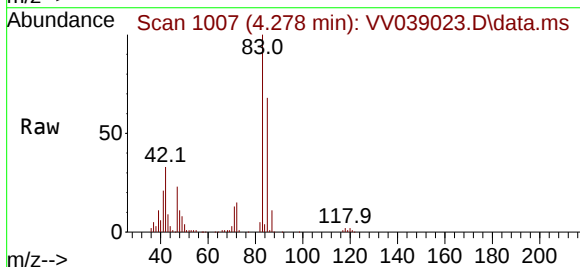
Acq: 25 Aug 2025 10:38

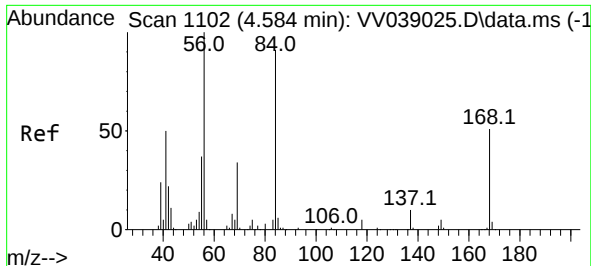
Tgt Ion: 83 Resp: 137090

Ion Ratio Lower Upper

83 100

85 67.2 53.2 79.8





#31

Cyclohexane

Concen: 10.290 ug/l

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

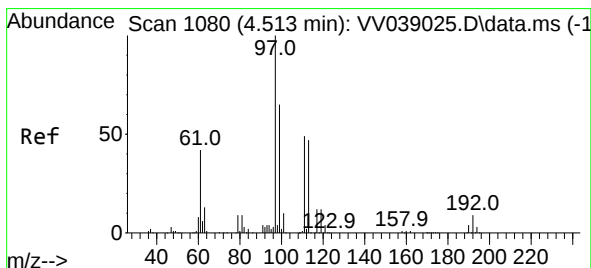
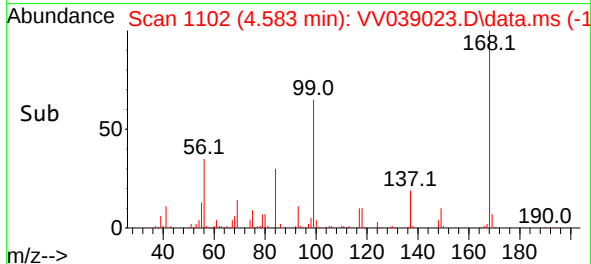
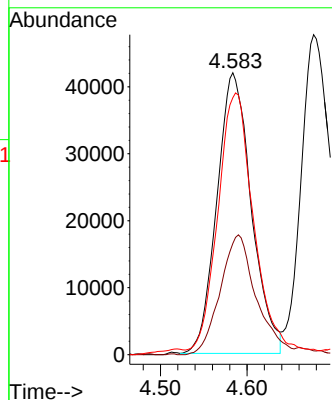
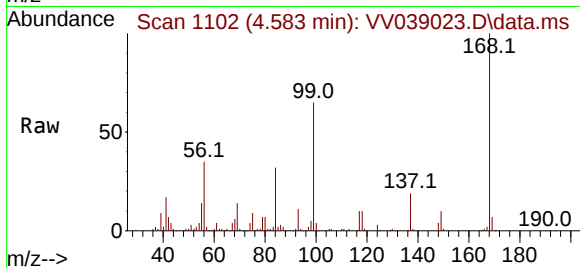
Tgt Ion: 56 Resp: 115693

Ion Ratio Lower Upper

56 100

69 39.7 27.0 40.4

84 89.6 72.9 109.3



#32

1,1,1-Trichloroethane

Concen: 10.413 ug/l

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

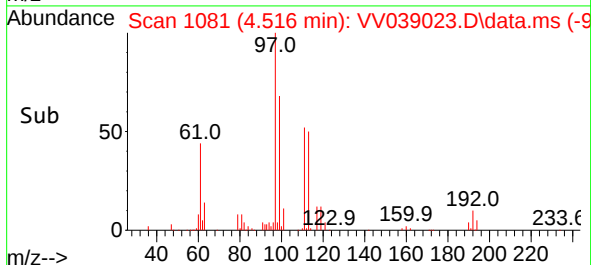
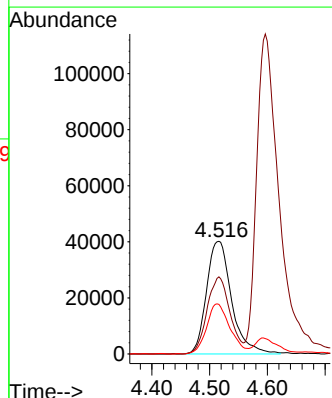
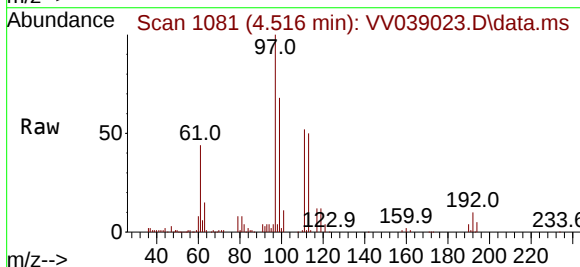
Tgt Ion: 97 Resp: 121201

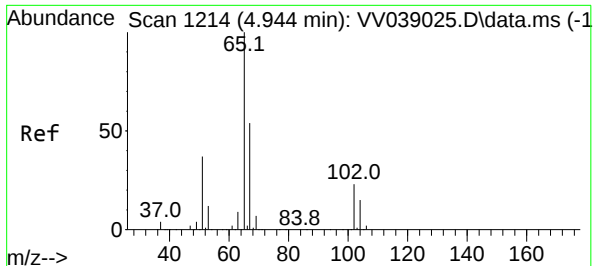
Ion Ratio Lower Upper

97 100

99 62.2 49.8 74.6

61 41.6 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 10.156 ug/l

RT: 4.947 min Scan# 1214

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

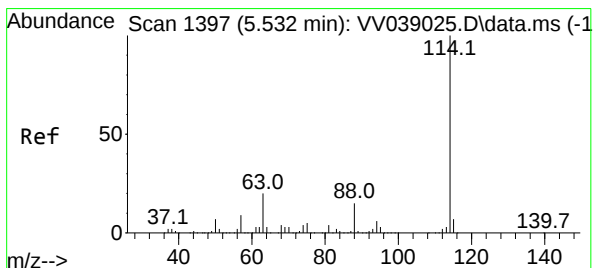
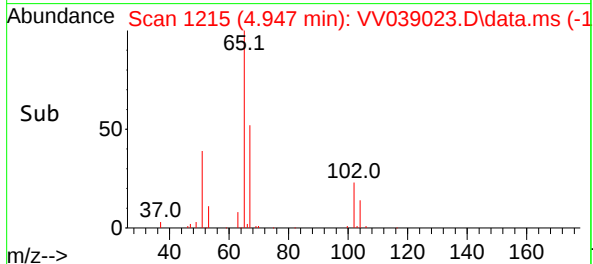
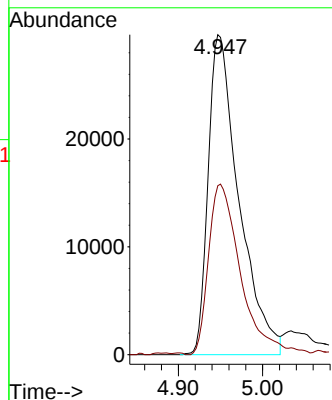
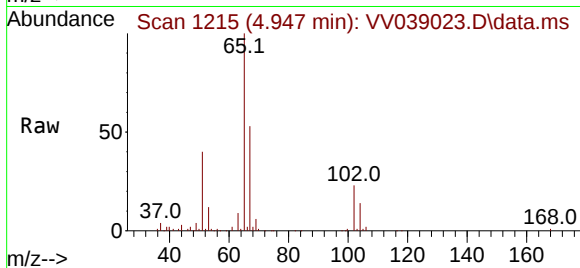
VSTDICC010

Tgt Ion: 65 Resp: 75104

Ion Ratio Lower Upper

65 100

67 55.8 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

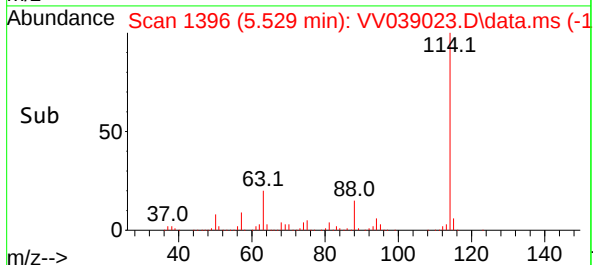
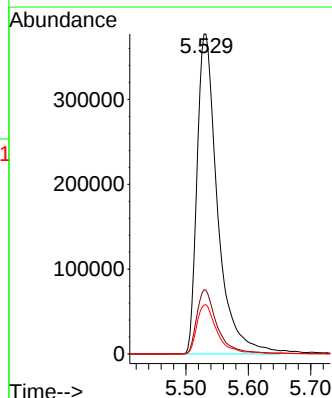
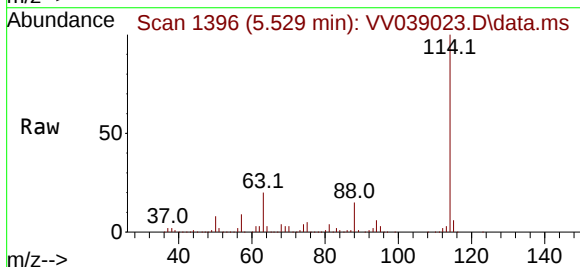
Tgt Ion: 114 Resp: 863413

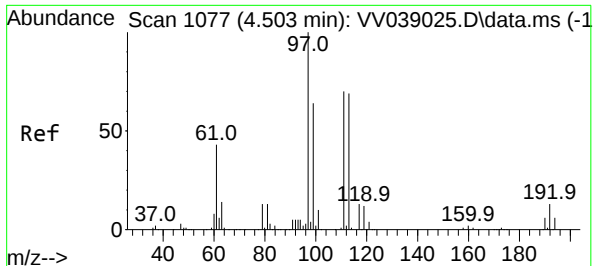
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.3 0.0 30.6

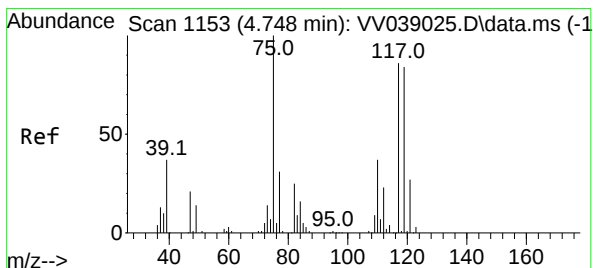
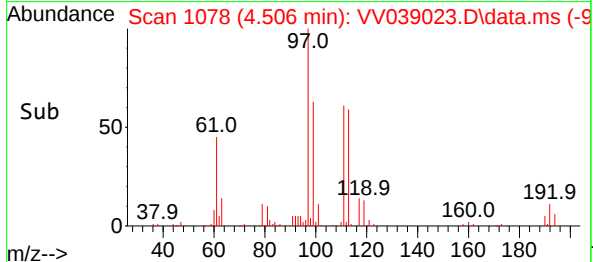
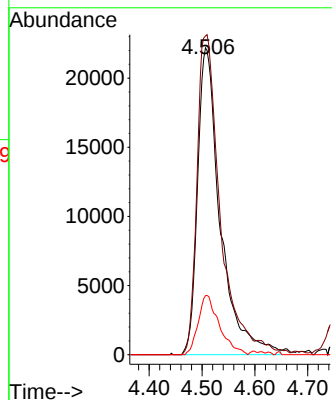
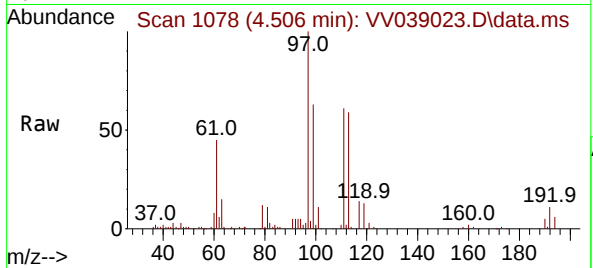




#35
Dibromofluoromethane
Concen: 10.630 ug/l
RT: 4.506 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

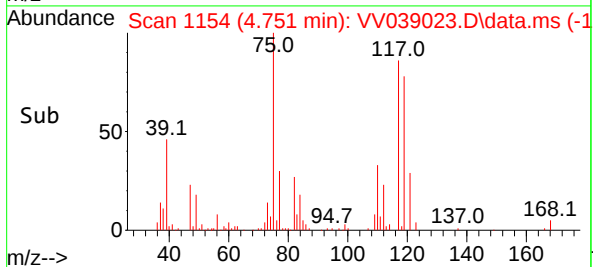
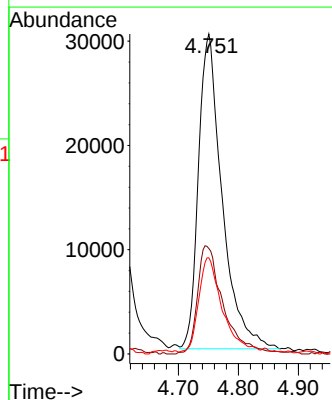
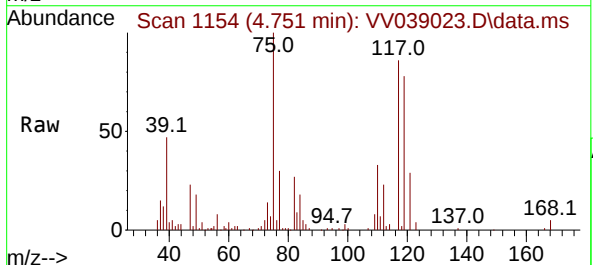
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

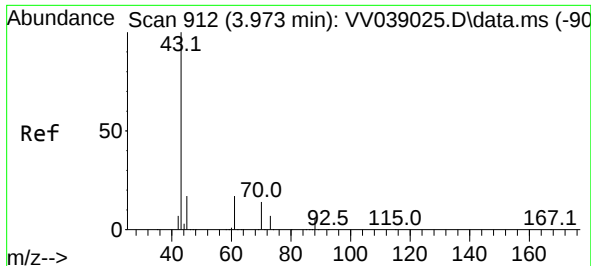
Tgt Ion:113 Resp: 66097
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 9.952 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 75 Resp: 83162
Ion Ratio Lower Upper
75 100
110 37.2 18.6 55.8
77 29.3 24.6 36.8

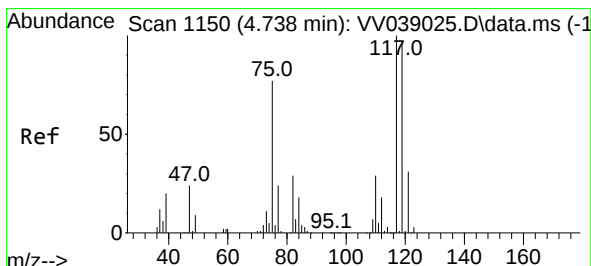
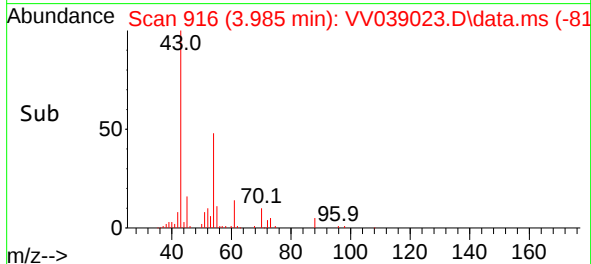
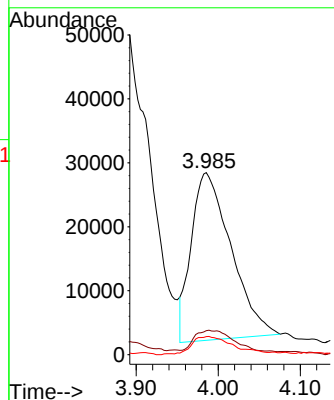
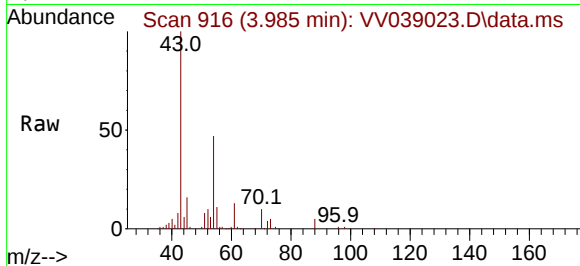




#37
Ethyl Acetate
Concen: 8.986 ug/l
RT: 3.985 min Scan# 912
Delta R.T. 0.013 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

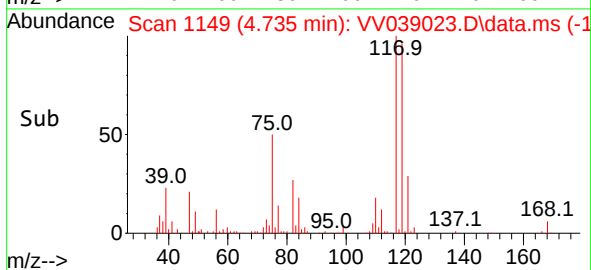
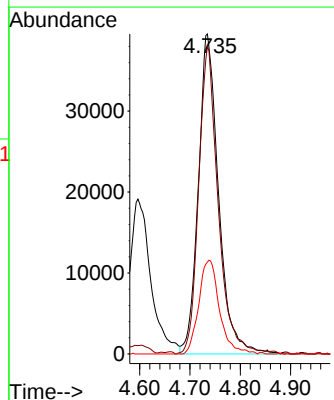
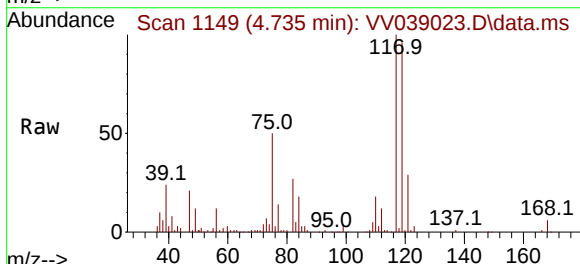
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

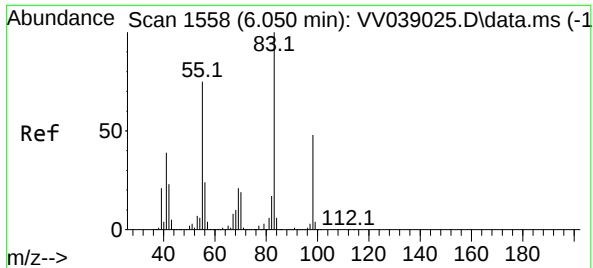
Tgt Ion: 43 Resp: 88136
Ion Ratio Lower Upper
43 100
61 13.0 10.6 16.0
70 11.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 11.055 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 117 Resp: 110629
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6
121 28.7 24.9 37.3

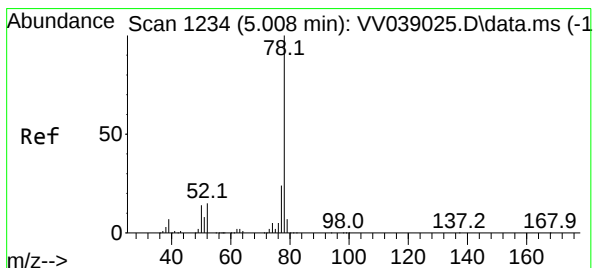
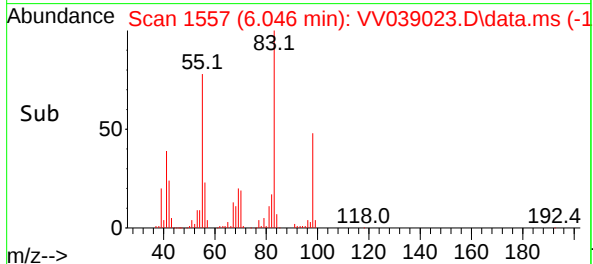
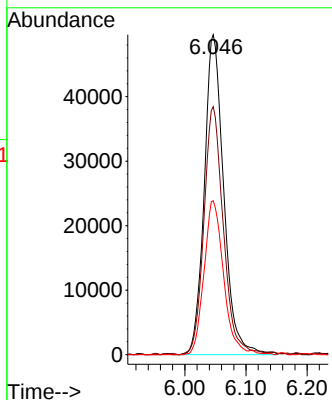
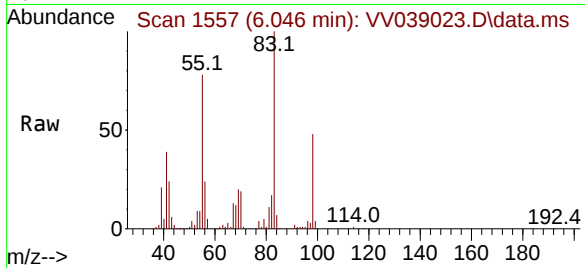




#39
Methylcyclohexane
Concen: 10.231 ug/l
RT: 6.046 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

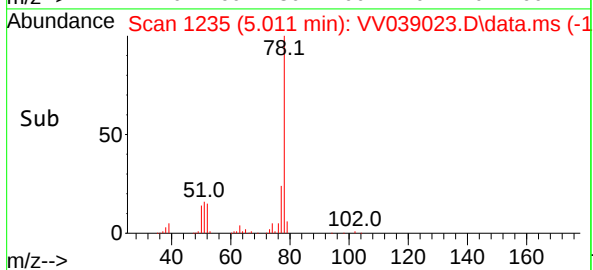
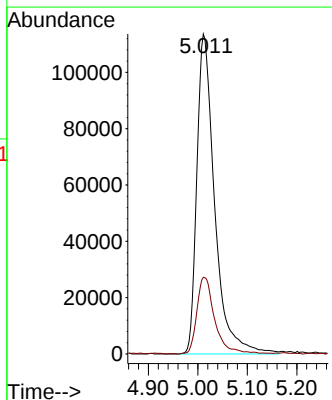
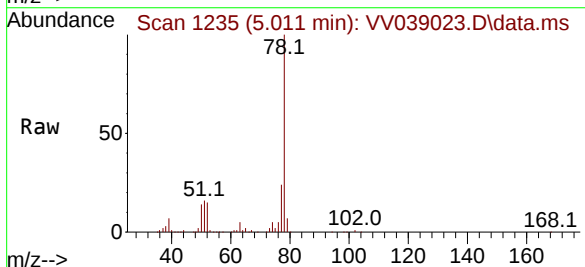
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

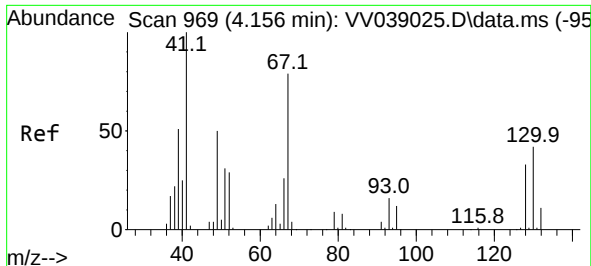
Tgt Ion: 83 Resp: 109750
Ion Ratio Lower Upper
83 100
55 77.5 59.8 89.6
98 48.1 38.2 57.2



#40
Benzene
Concen: 10.663 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 78 Resp: 284776
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

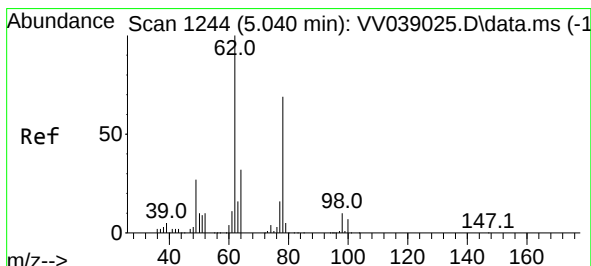
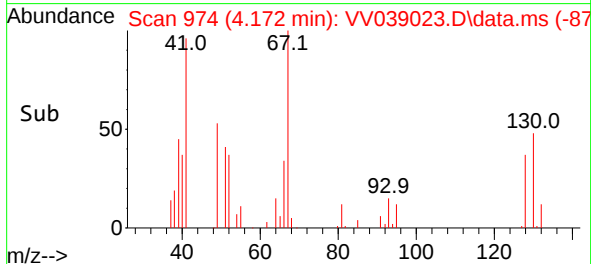
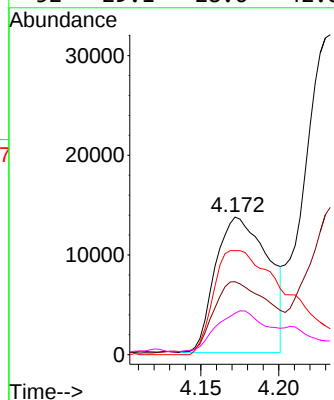
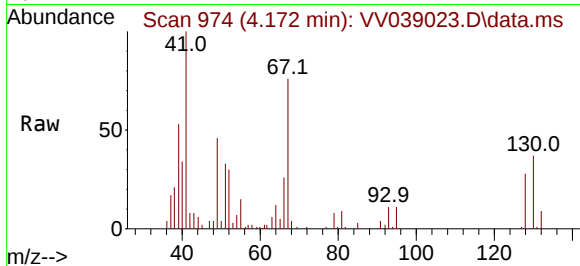




#41
Methacrylonitrile
Concen: 8.978 ug/l
RT: 4.172 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

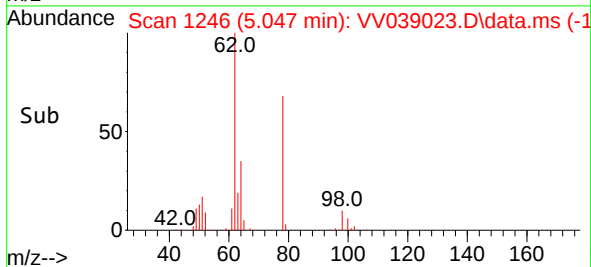
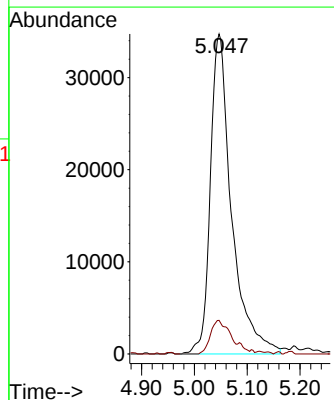
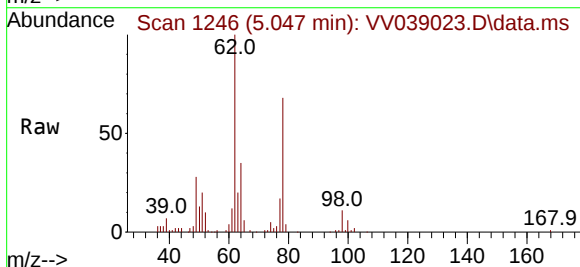
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

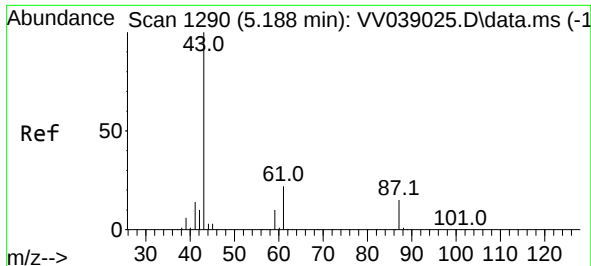
Tgt Ion: 41 Resp: 32054
Ion Ratio Lower Upper
41 100
39 54.4 42.7 64.1
67 120.7 74.5 111.7#
52 29.1 28.6 42.8



#42
1,2-Dichloroethane
Concen: 10.400 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 62 Resp: 96850
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8

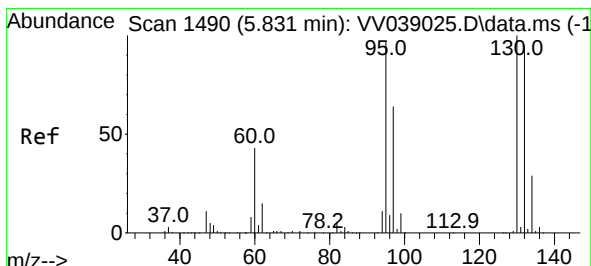
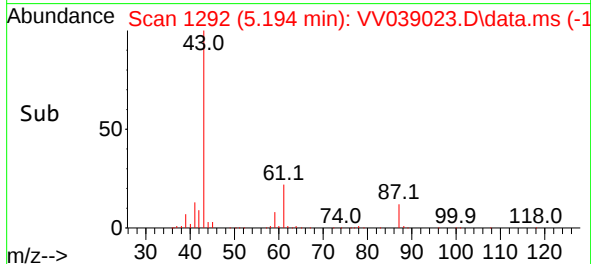
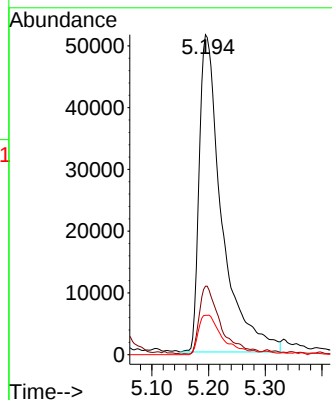
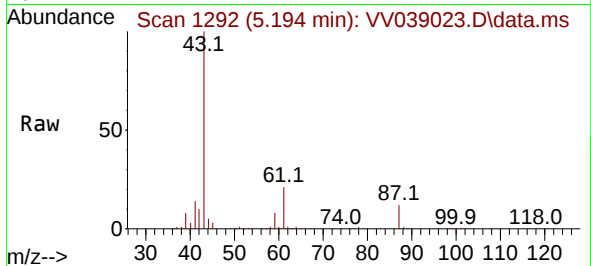




#43
Isopropyl Acetate
Concen: 10.183 ug/l
RT: 5.194 min Scan# 142148
Delta R.T. 0.006 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

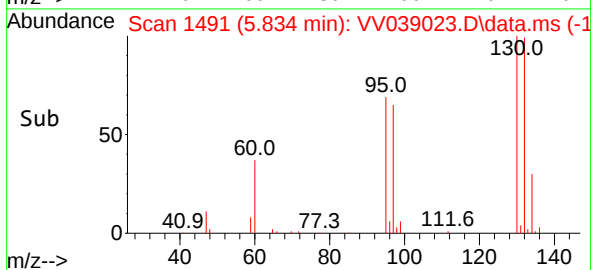
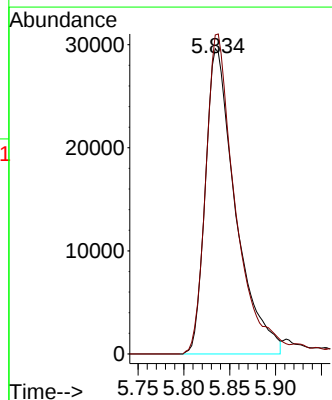
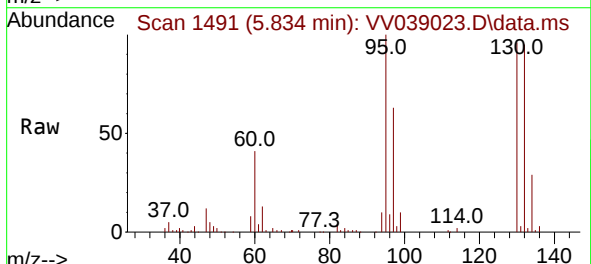
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

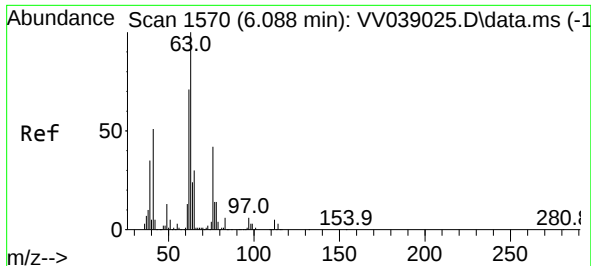
Tgt Ion: 43 Resp: 142148
Ion Ratio Lower Upper
43 100
61 20.1 16.6 25.0
87 13.0 11.7 17.5



#44
Trichloroethene
Concen: 10.081 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:130 Resp: 67595
Ion Ratio Lower Upper
130 100
95 104.5 0.0 194.4





#45

1,2-Dichloropropane

Concen: 10.189 ug/l

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

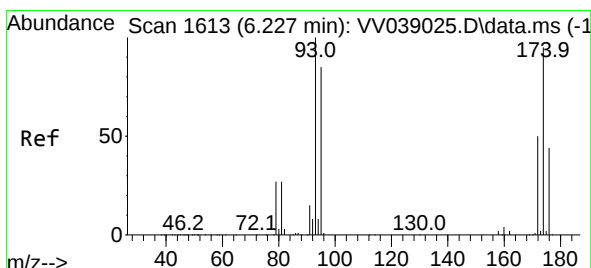
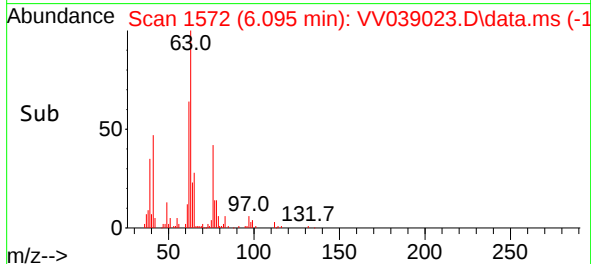
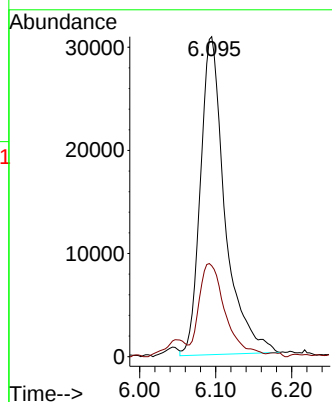
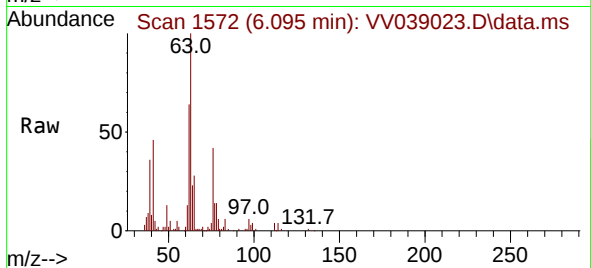
VSTDIC010

Tgt Ion: 63 Resp: 69176

Ion Ratio Lower Upper

63 100

65 27.6 24.2 36.4



#46

Dibromomethane

Concen: 10.457 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

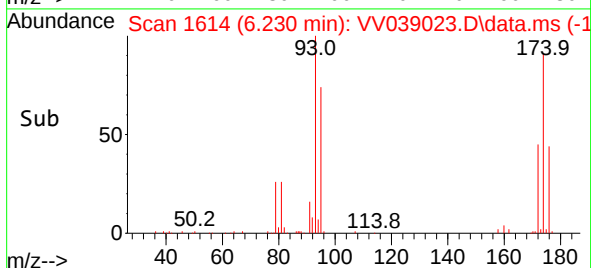
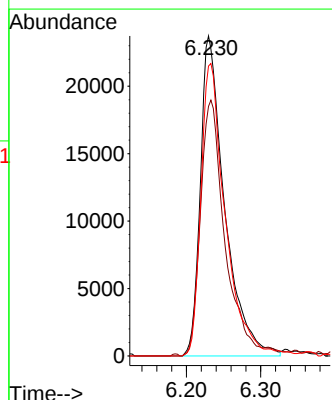
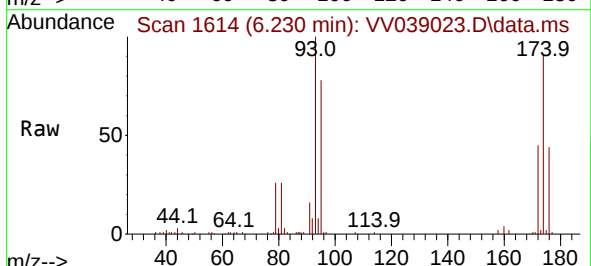
Tgt Ion: 93 Resp: 53842

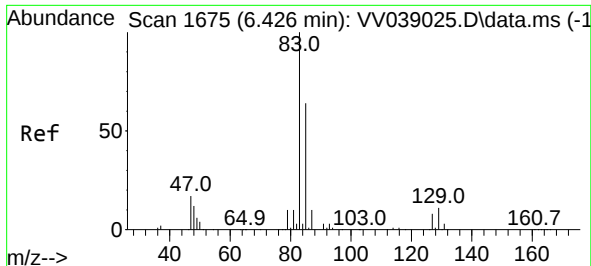
Ion Ratio Lower Upper

93 100

95 79.7 66.1 99.1

174 92.2 73.5 110.3

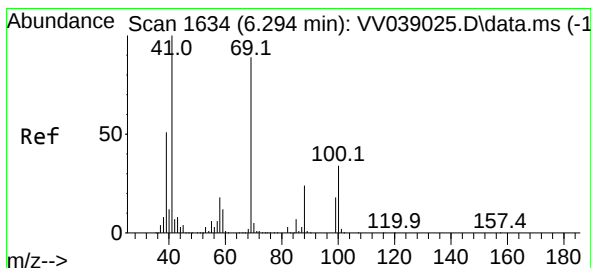
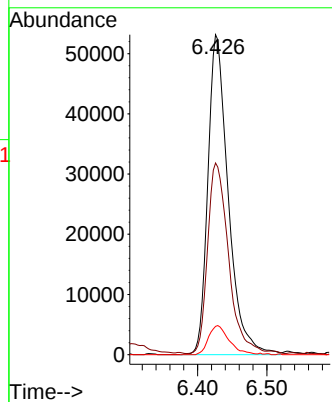
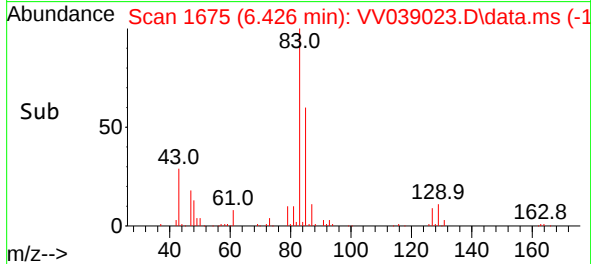
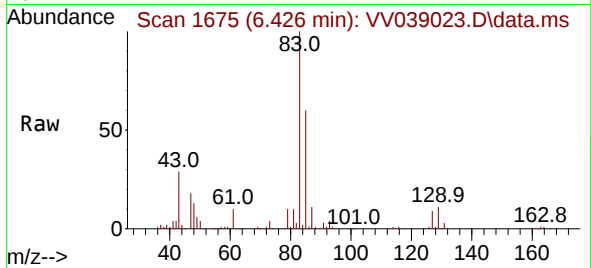




#47
Bromodichloromethane
Concen: 10.216 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

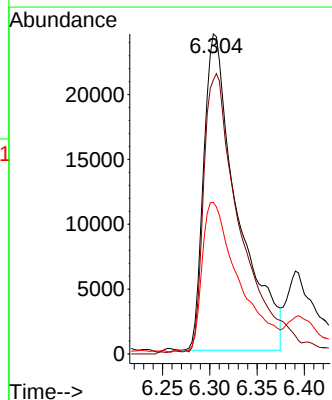
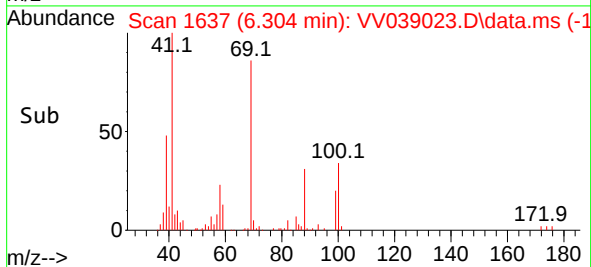
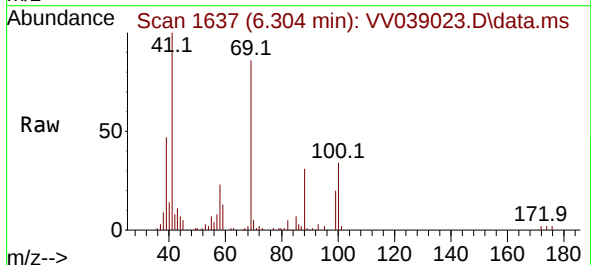
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

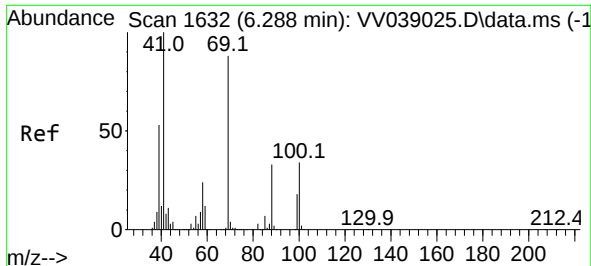
Tgt Ion: 83 Resp: 108380
Ion Ratio Lower Upper
83 100
85 59.3 51.0 76.4
127 8.8 6.7 10.1



#48
Methyl methacrylate
Concen: 8.869 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.010 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 41 Resp: 60420
Ion Ratio Lower Upper
41 100
69 95.9 73.5 110.3
39 51.6 41.3 61.9





#49

1,4-Dioxane

Concen: 168.371 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

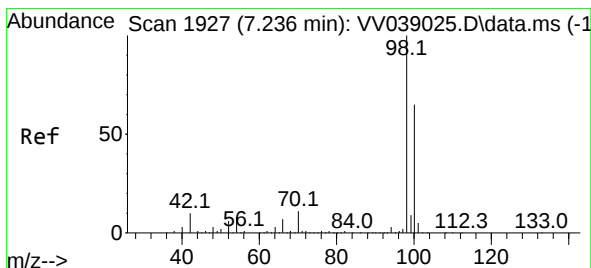
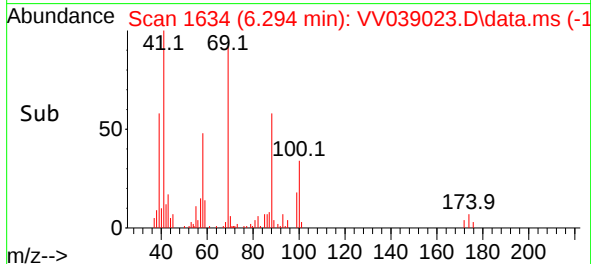
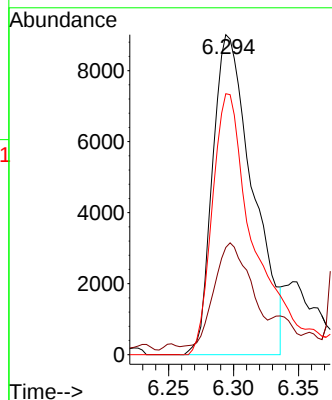
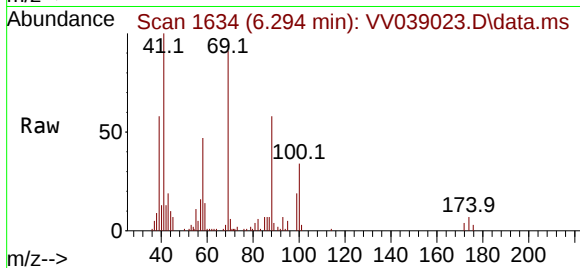
Tgt Ion: 88 Resp: 19411

Ion Ratio Lower Upper

88 100

43 29.2 25.4 38.2

58 87.0 58.4 87.6



#50

Toluene-d8

Concen: 10.102 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV039023.D

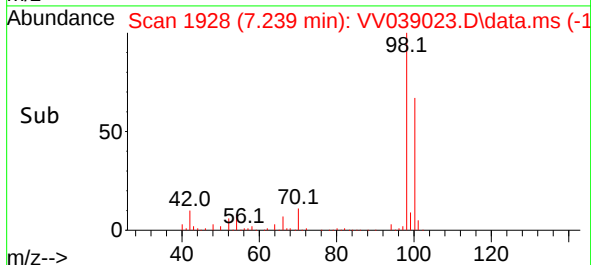
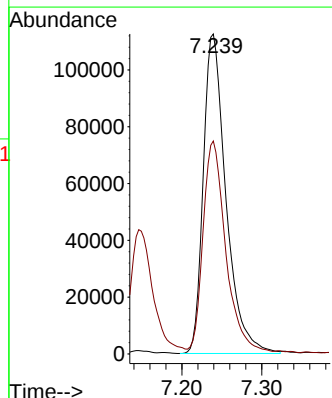
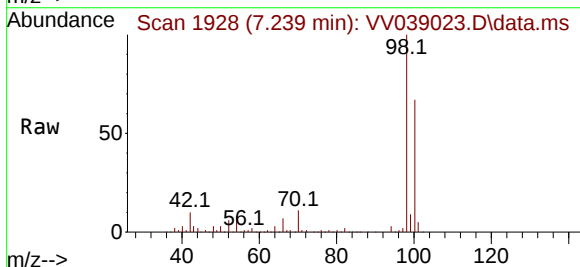
Acq: 25 Aug 2025 10:38

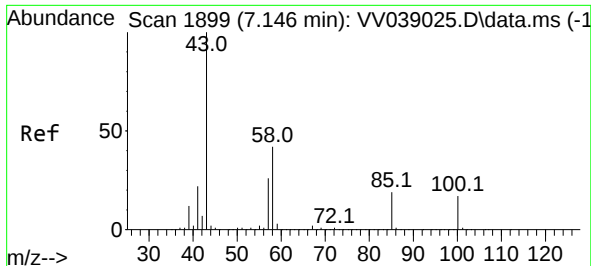
Tgt Ion: 98 Resp: 222402

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0

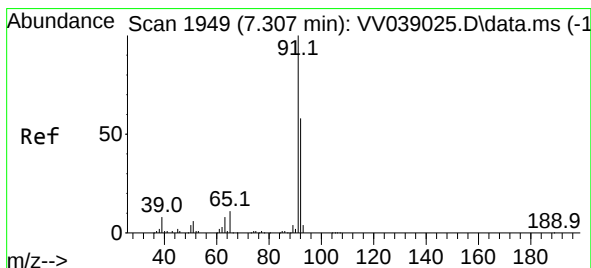
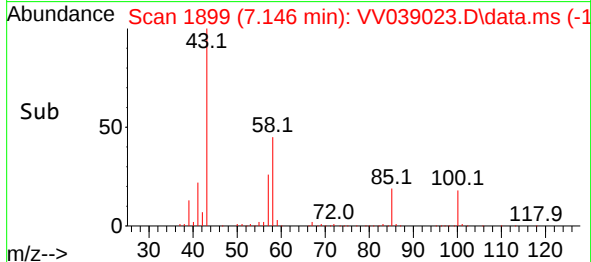
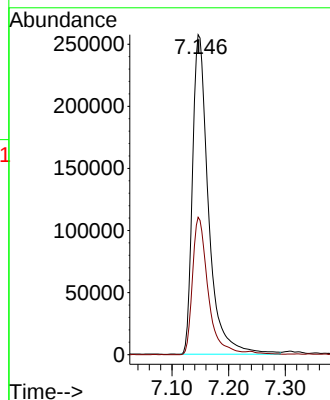
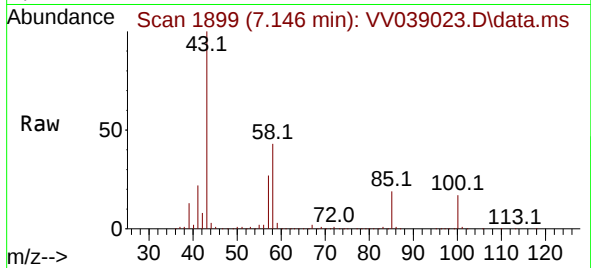




#51
4-Methyl-2-Pentanone
Concen: 50.963 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

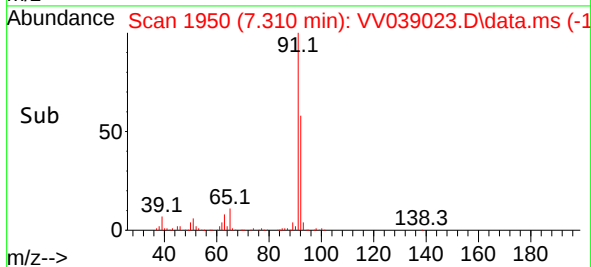
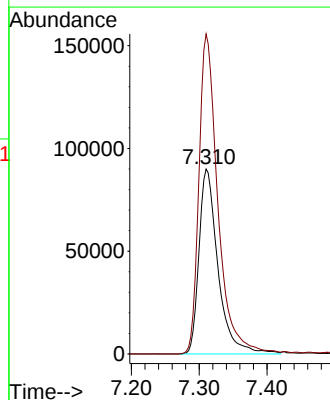
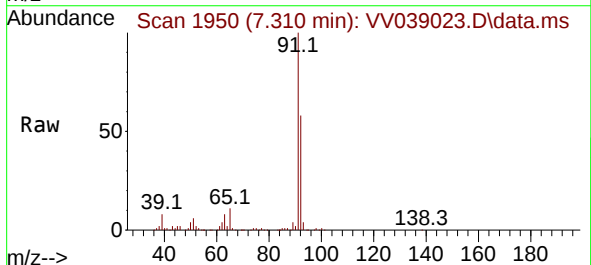
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

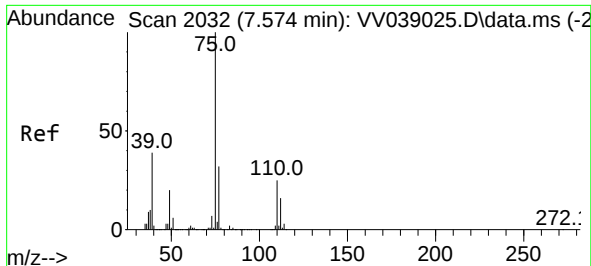
Tgt Ion: 43 Resp: 504623
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8



#52
Toluene
Concen: 10.320 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 92 Resp: 175786
Ion Ratio Lower Upper
92 100
91 172.1 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 10.161 ug/l

RT: 7.580 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

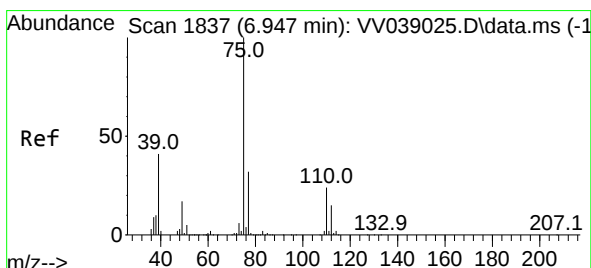
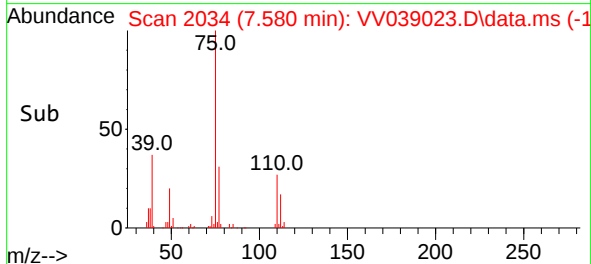
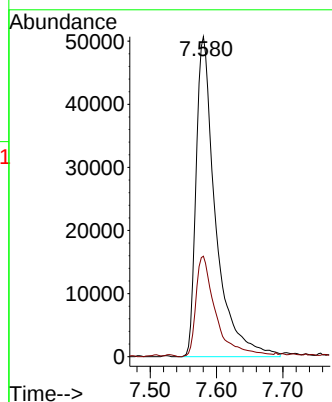
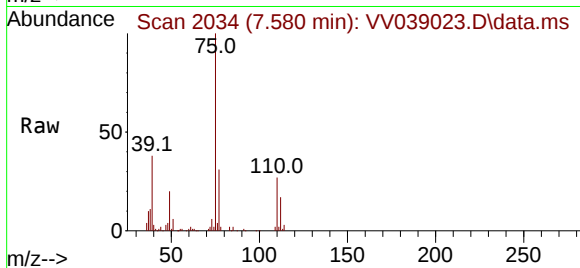
VSTDIC010

Tgt Ion: 75 Resp: 103485

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 10.225 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

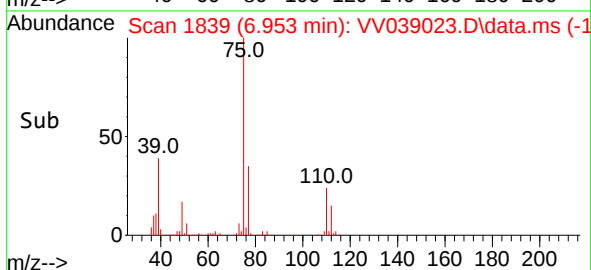
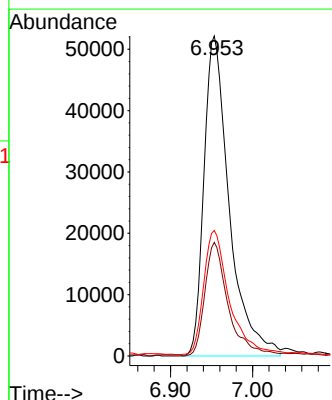
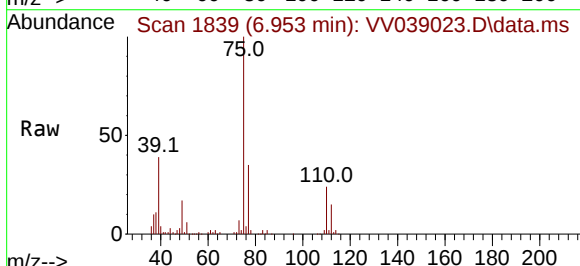
Tgt Ion: 75 Resp: 111867

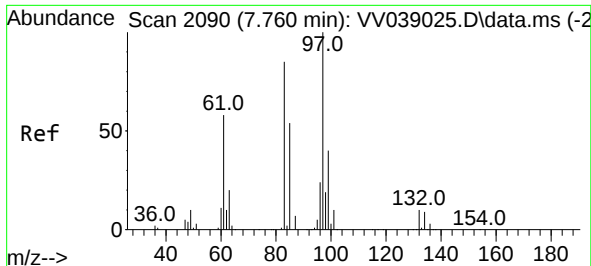
Ion Ratio Lower Upper

75 100

77 35.2 25.6 38.4

39 38.7 32.5 48.7

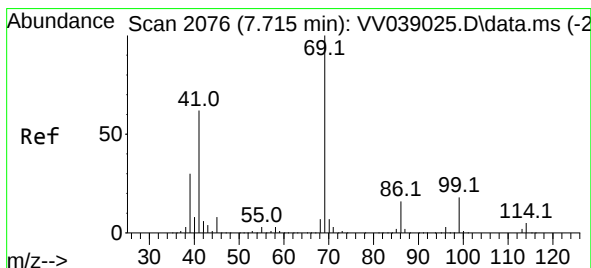
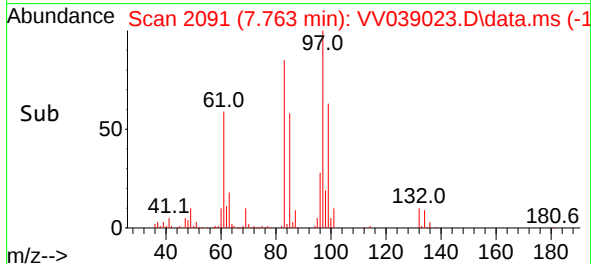
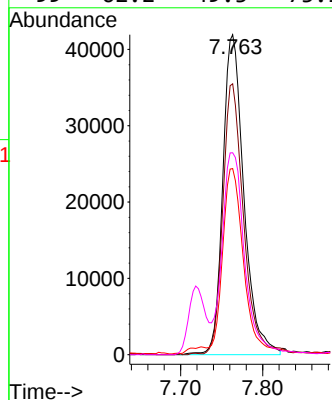
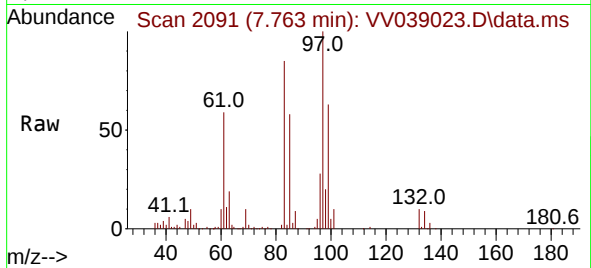




#55
1,1,2-Trichloroethane
Concen: 10.540 ug/l
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

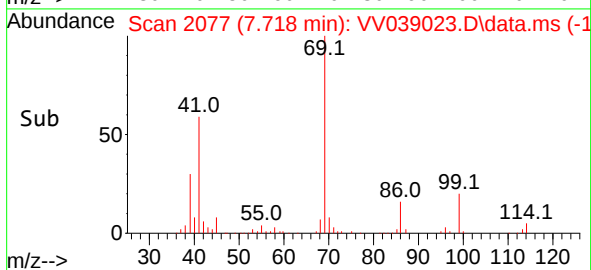
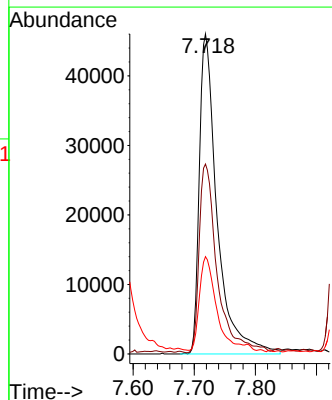
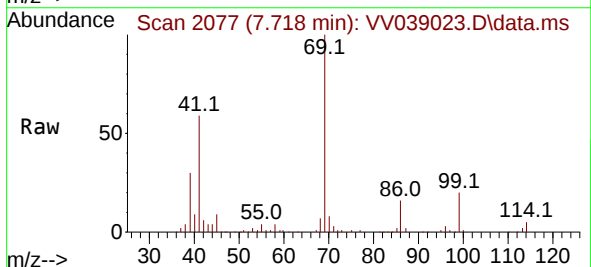
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

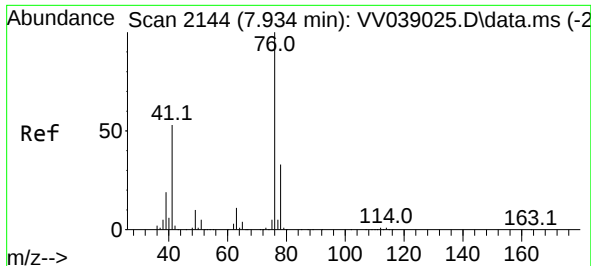
Tgt Ion:	97	Resp:	74903
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.1	102.1
85	57.8	44.5	66.7
99	62.2	49.3	73.9



#56
Ethyl methacrylate
Concen: 9.894 ug/l
RT: 7.718 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:	69	Resp:	93258
Ion	Ratio	Lower	Upper
69	100		
41	59.6	49.4	74.2
39	27.2	24.0	36.0





#57

1,3-Dichloropropane

Concen: 10.265 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

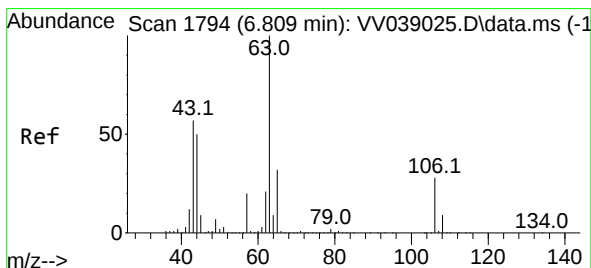
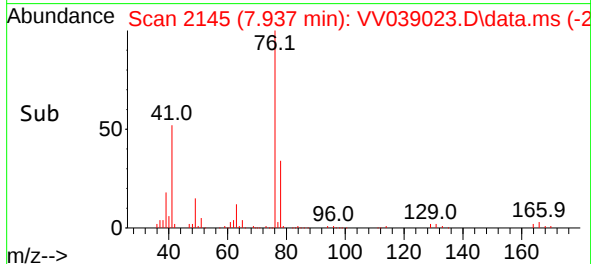
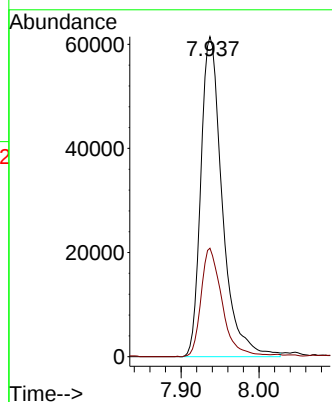
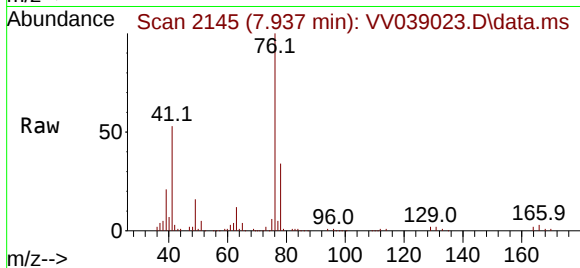
VSTDIC010

Tgt Ion: 76 Resp: 117760

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 47.679 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039023.D

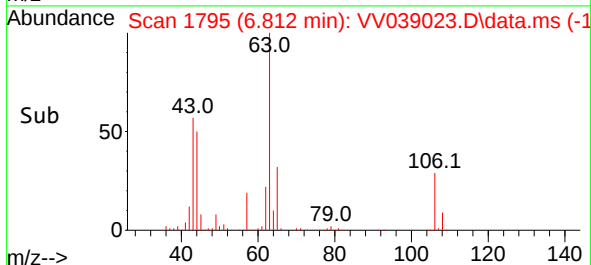
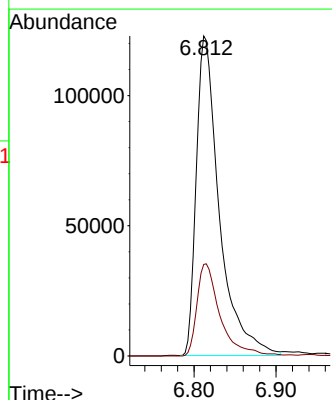
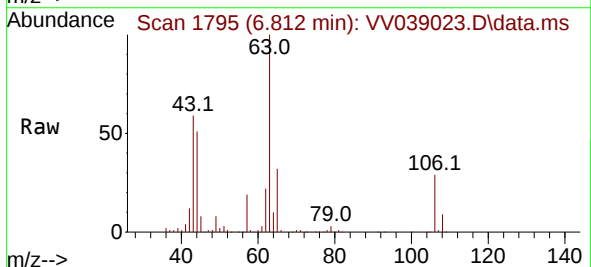
Acq: 25 Aug 2025 10:38

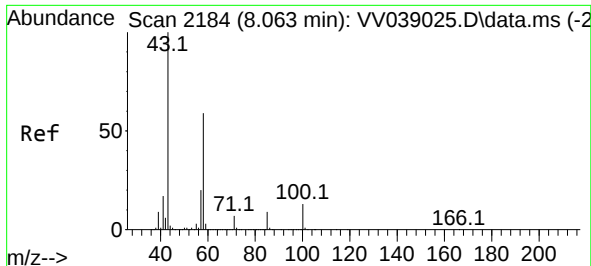
Tgt Ion: 63 Resp: 239713

Ion Ratio Lower Upper

63 100

106 29.0 22.3 33.5

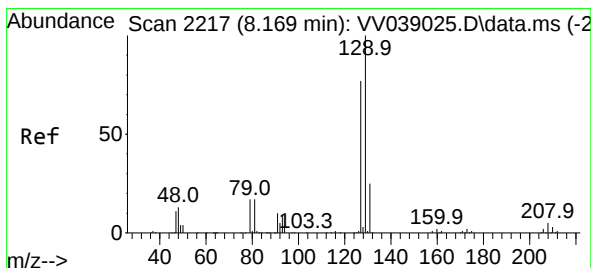
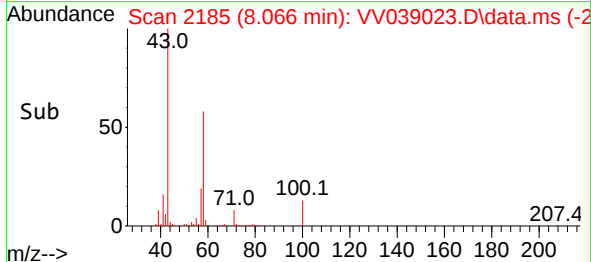
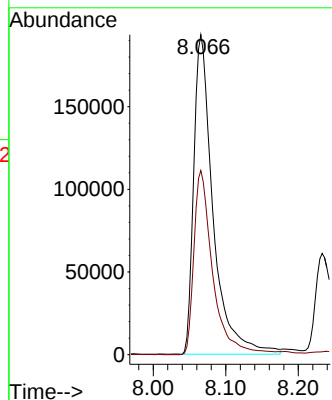
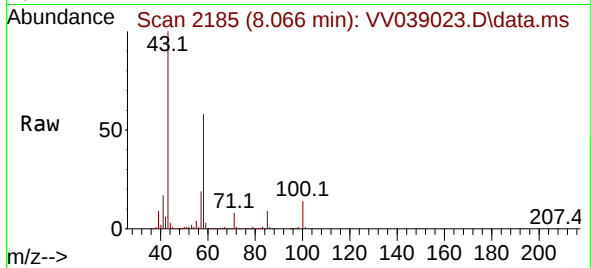




#59
2-Hexanone
Concen: 48.890 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

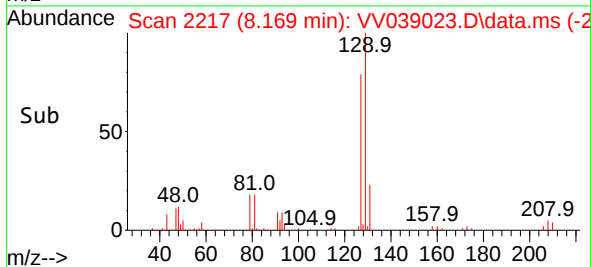
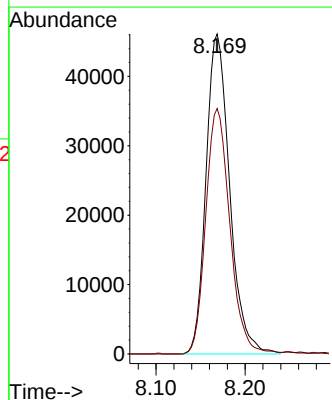
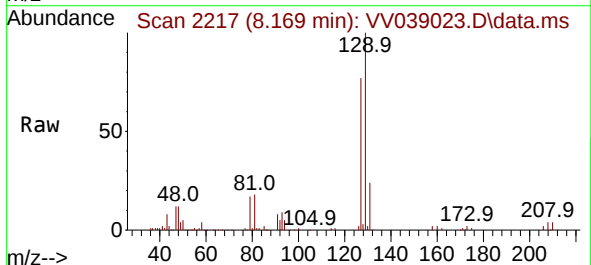
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

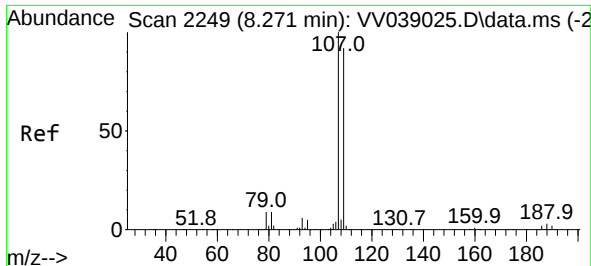
Tgt Ion: 43 Resp: 358073
Ion Ratio Lower Upper
43 100
58 56.1 28.8 86.4



#60
Dibromochloromethane
Concen: 10.344 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 129 Resp: 85037
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

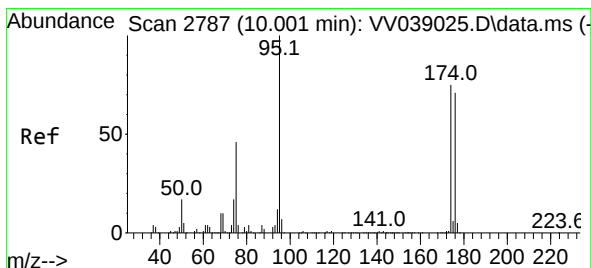
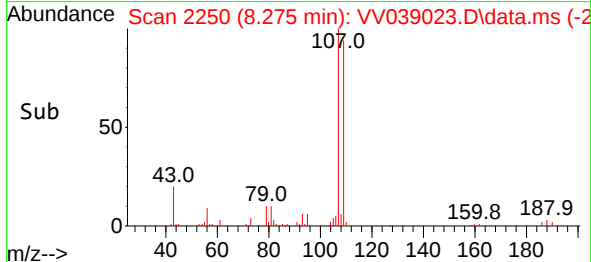
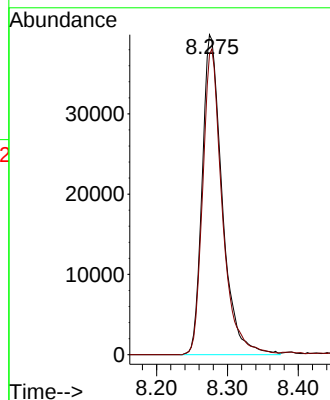
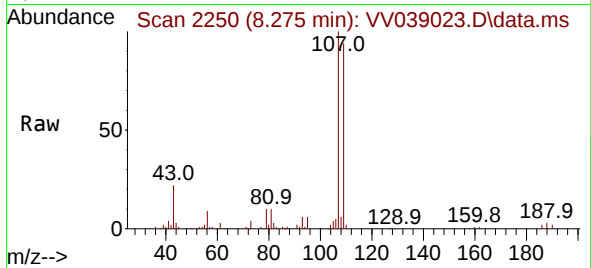




#61
1,2-Dibromoethane
Concen: 10.645 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

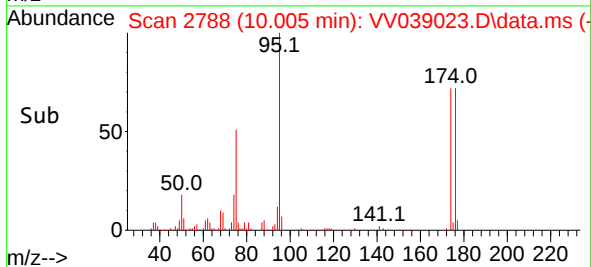
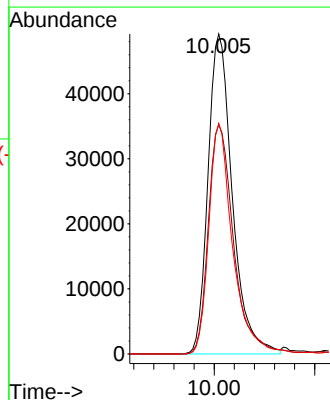
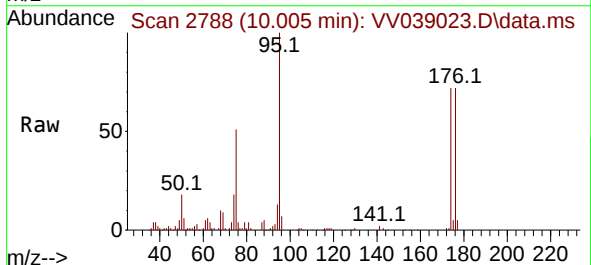
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

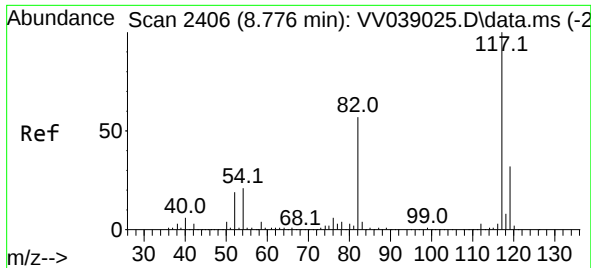
Tgt Ion:107 Resp: 78079
Ion Ratio Lower Upper
107 100
109 93.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 10.243 ug/l
RT: 10.005 min Scan# 2788
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 95 Resp: 82628
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.4
176 71.1 0.0 144.2

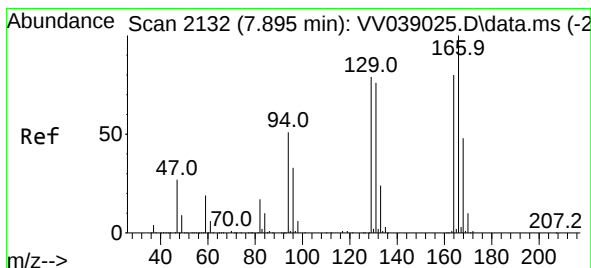
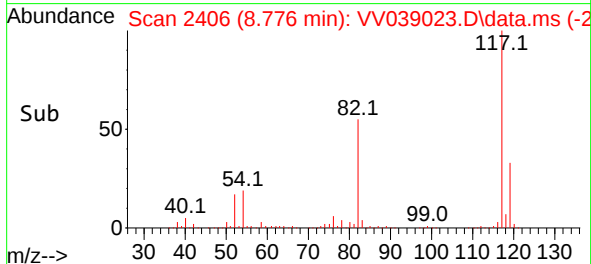
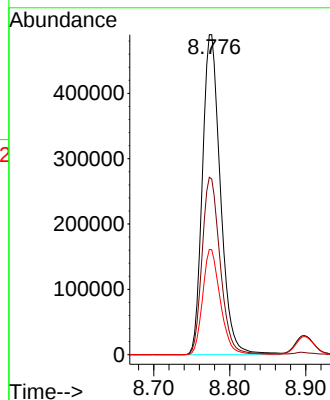
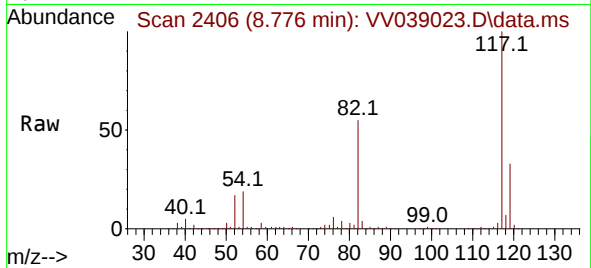




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

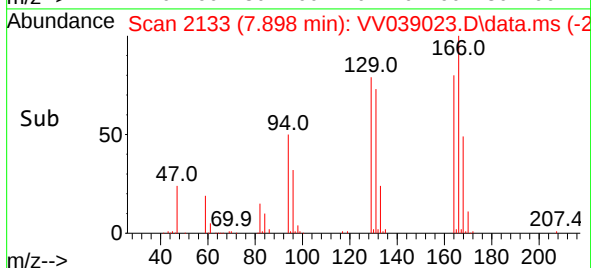
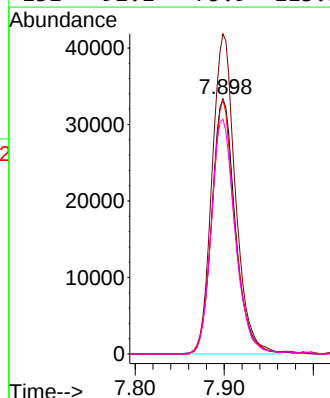
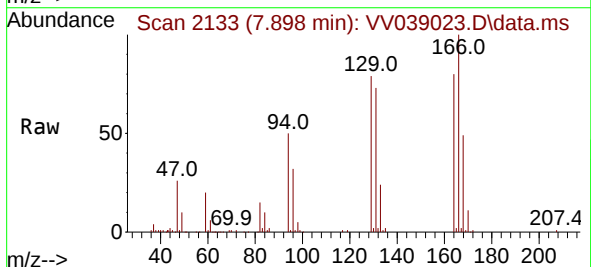
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

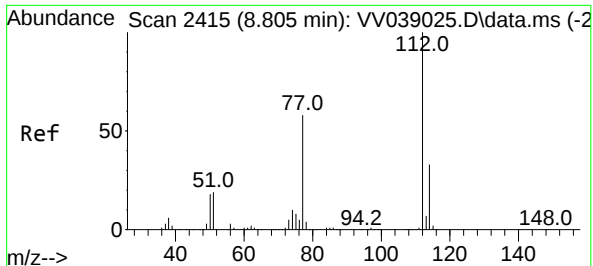
Tgt Ion:117 Resp: 806323
Ion Ratio Lower Upper
117 100
82 54.9 45.6 68.4
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 10.599 ug/l
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:164 Resp: 60752
Ion Ratio Lower Upper
164 100
166 125.6 99.7 149.5
129 99.8 78.5 117.7
131 92.1 75.9 113.9

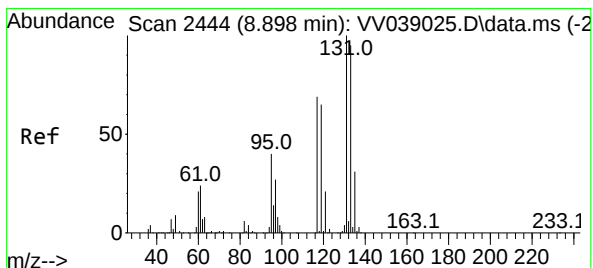
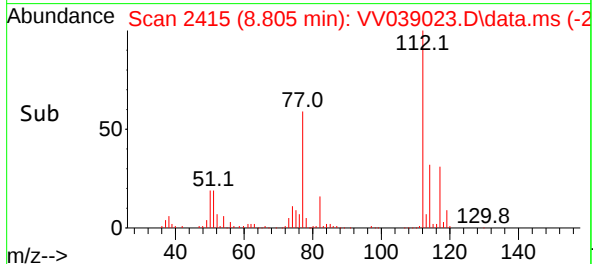
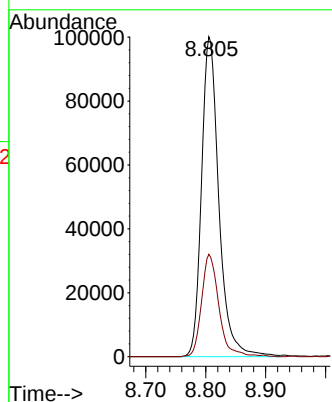
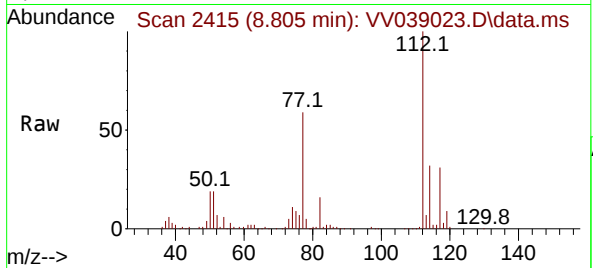




#65
Chlorobenzene
Concen: 10.464 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

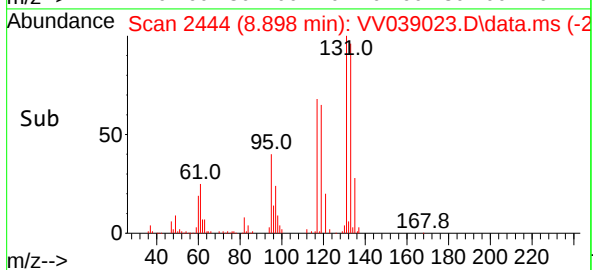
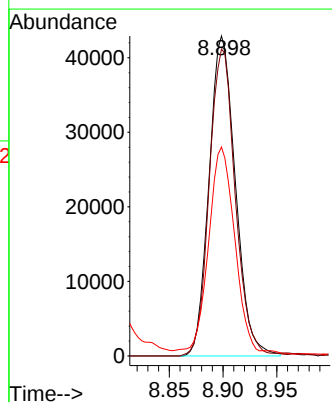
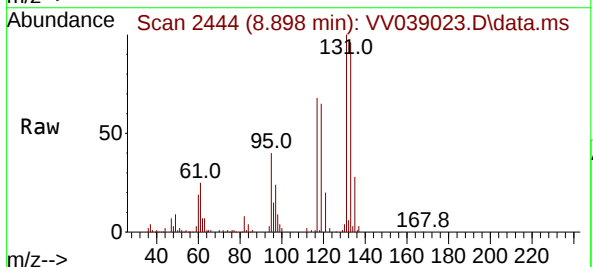
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

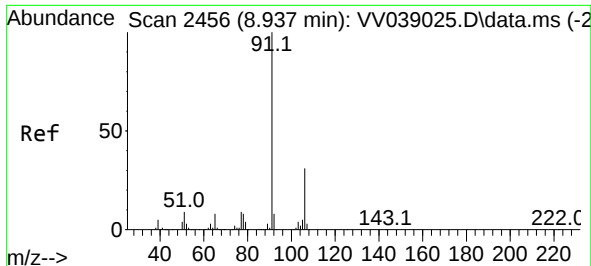
Tgt Ion:112 Resp: 201897
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 10.853 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:131 Resp: 73112
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 65.8 33.3 99.8





#67

Ethyl Benzene

Concen: 10.157 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

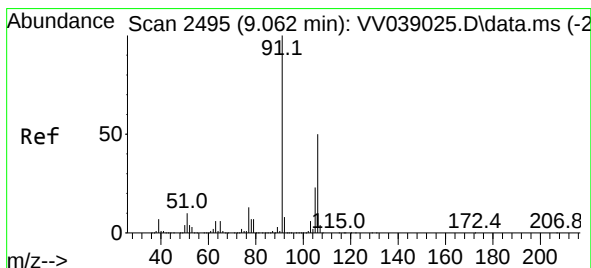
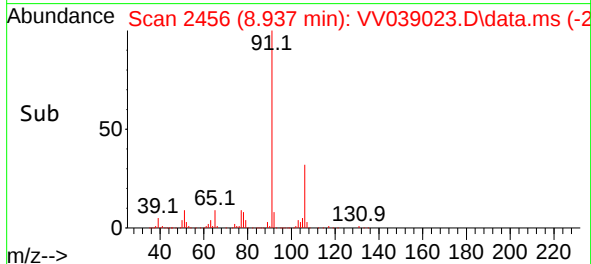
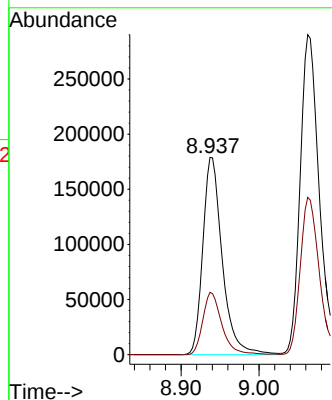
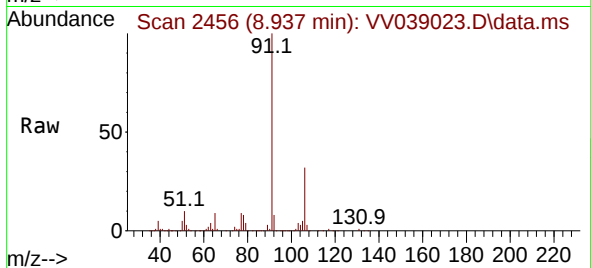
VSTDIC010

Tgt Ion: 91 Resp: 310050

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#68

m/p-Xylenes

Concen: 20.976 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV039023.D

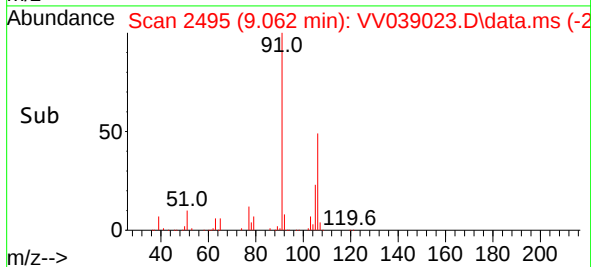
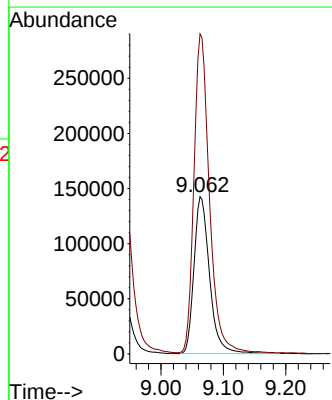
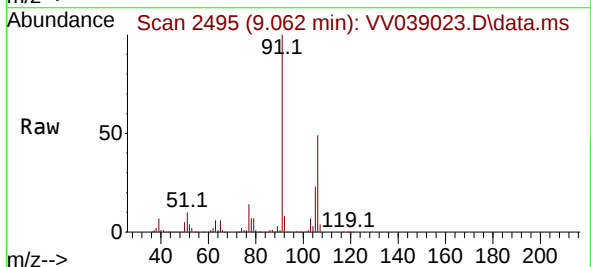
Acq: 25 Aug 2025 10:38

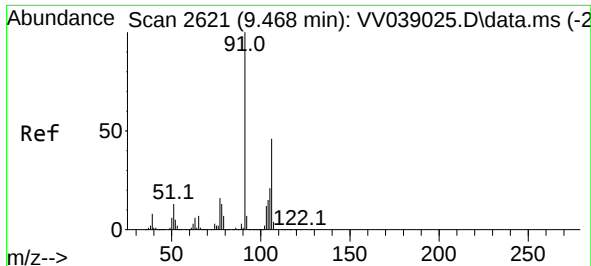
Tgt Ion: 106 Resp: 246196

Ion Ratio Lower Upper

106 100

91 203.0 162.4 243.6

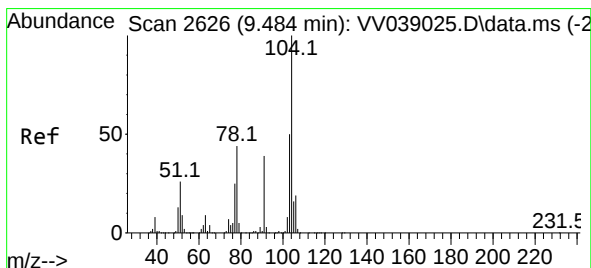
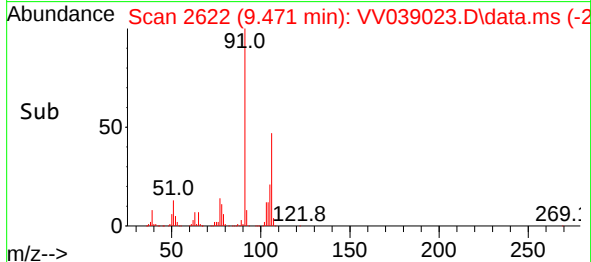
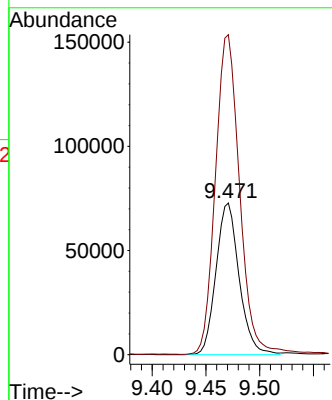
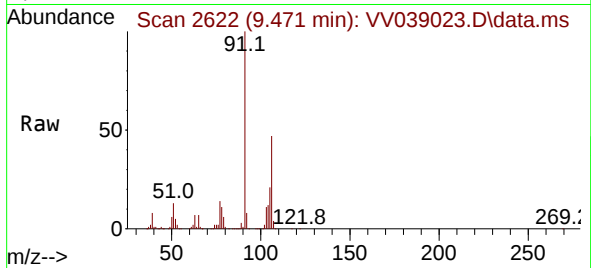




#69
o-Xylene
Concen: 10.132 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

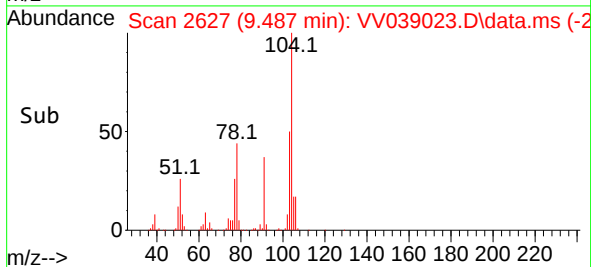
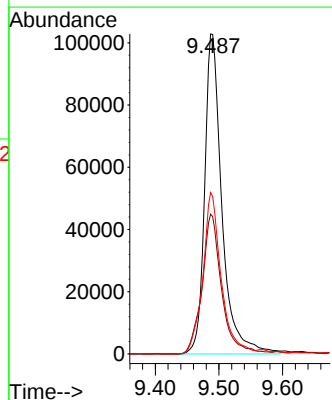
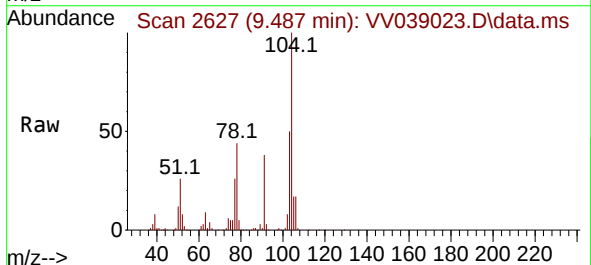
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

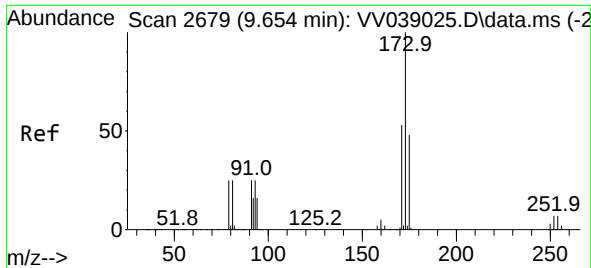
Tgt Ion:106 Resp: 108880
Ion Ratio Lower Upper
106 100
91 221.5 106.7 320.1



#70
Styrene
Concen: 10.286 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:104 Resp: 194731
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 53.5 43.2 64.8

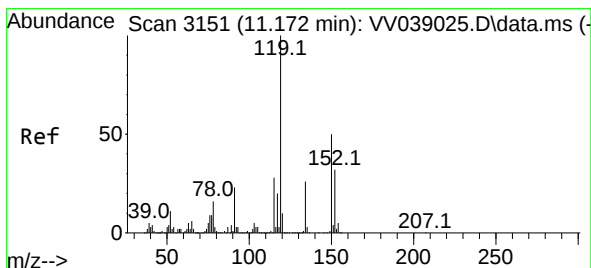
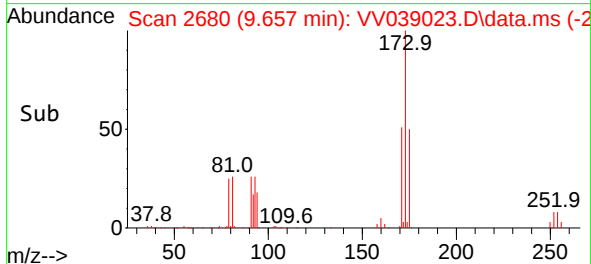
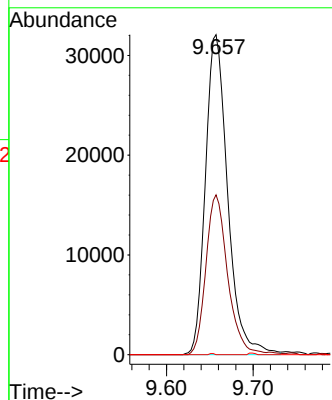
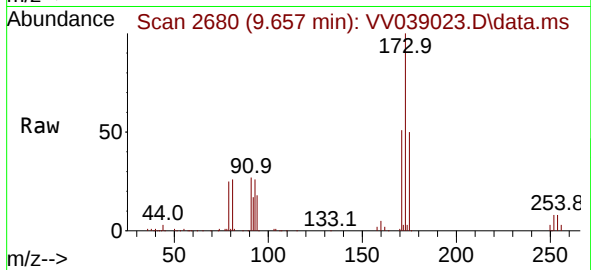




#71
Bromoform
Concen: 10.509 ug/l
RT: 9.657 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

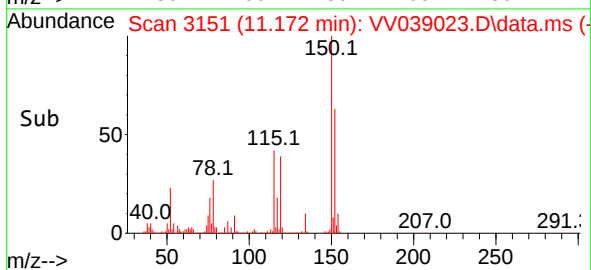
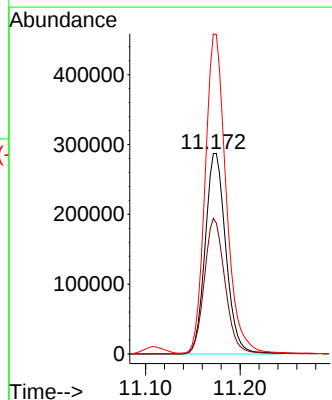
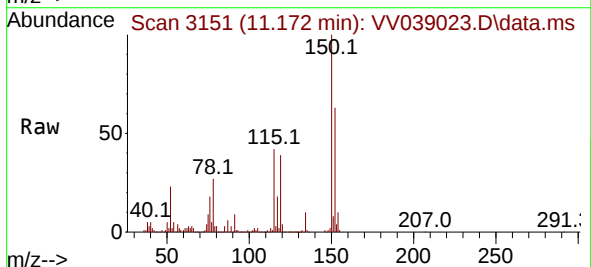
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

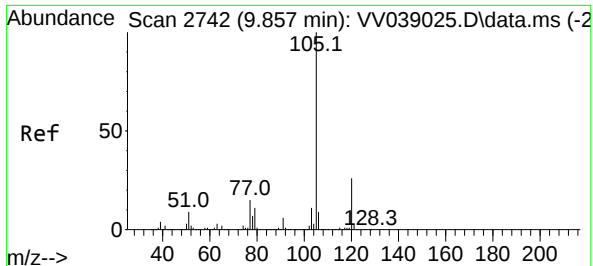
Tgt Ion:173 Resp: 57244
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:152 Resp: 435987
Ion Ratio Lower Upper
152 100
115 67.7 44.0 132.1
150 162.8 0.0 352.2

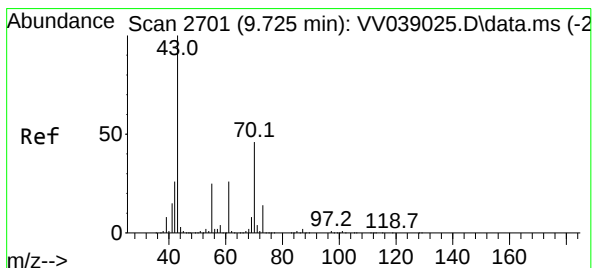
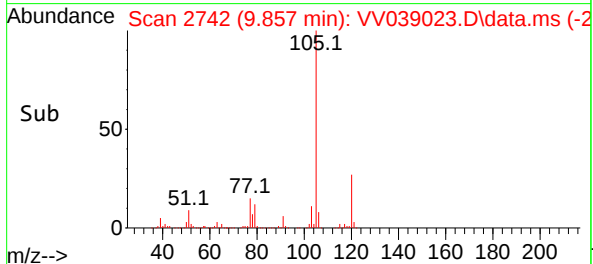
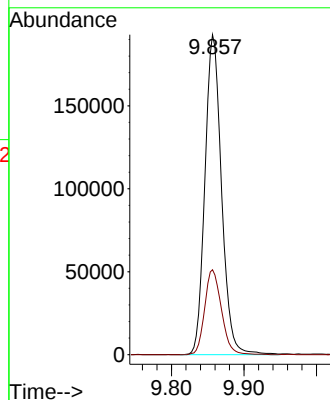
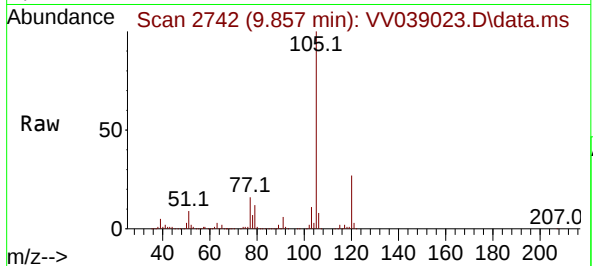




#73
Isopropylbenzene
Concen: 10.067 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

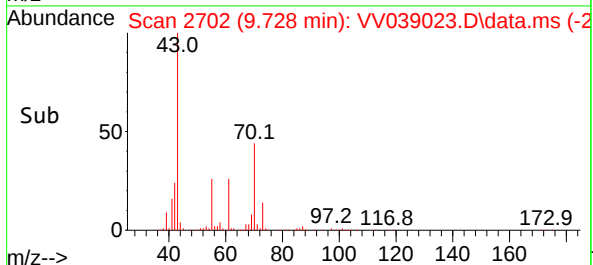
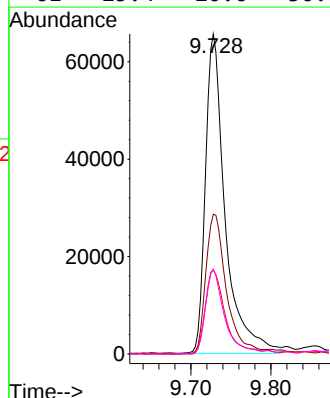
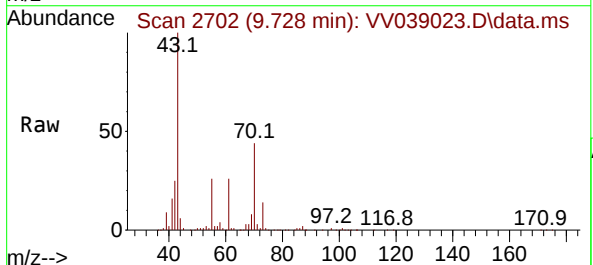
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

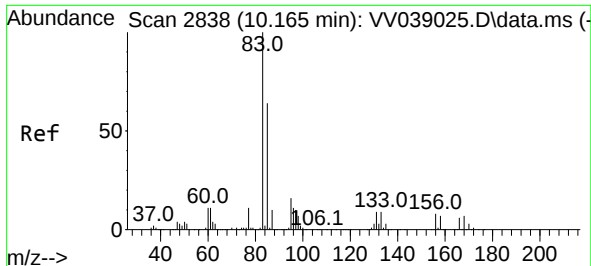
Tgt Ion:105 Resp: 307605
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 8.966 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 43 Resp: 112593
Ion Ratio Lower Upper
43 100
70 45.7 36.4 54.6
55 26.8 20.6 30.8
61 25.4 20.6 30.8

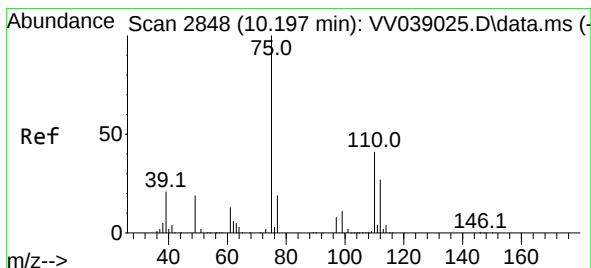
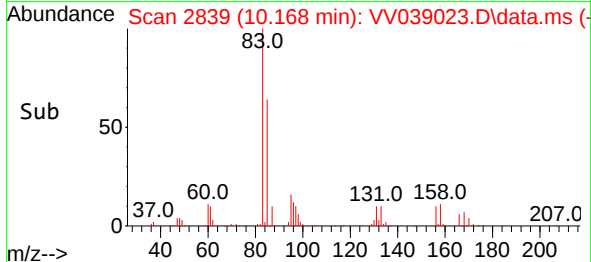
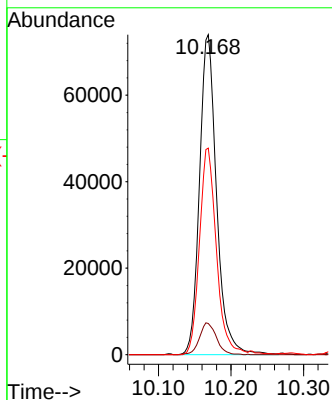
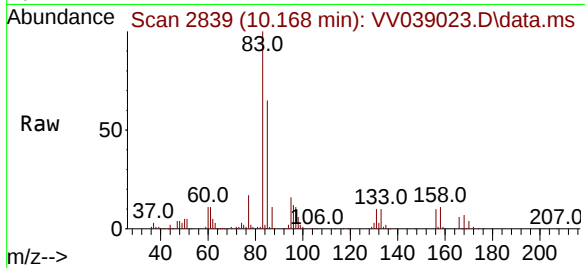




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.061 ug/l
 RT: 10.168 min Scan# 2839
 Delta R.T. 0.003 min
 Lab File: VV039023.D
 Acq: 25 Aug 2025 10:38

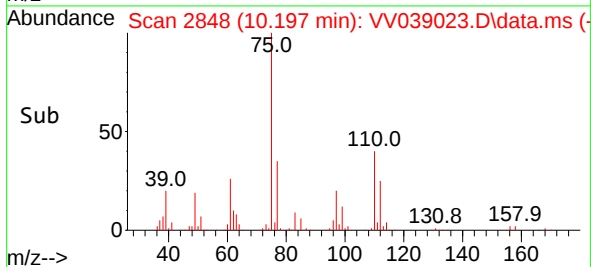
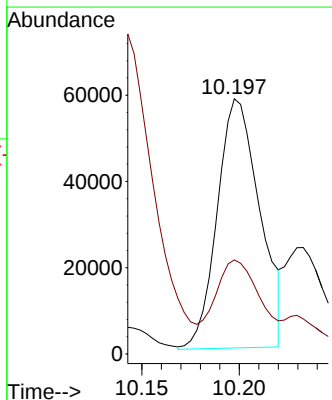
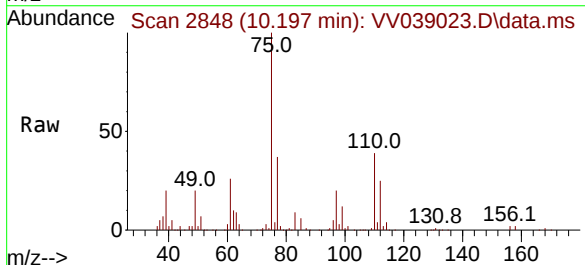
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

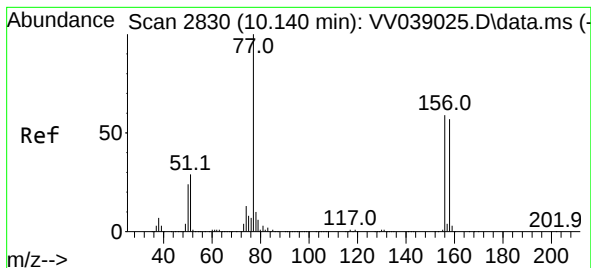
Tgt Ion: 83 Resp: 121105
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.7 14.0
 85 63.8 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 10.266 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV039023.D
 Acq: 25 Aug 2025 10:38

Tgt Ion: 75 Resp: 87861
 Ion Ratio Lower Upper
 75 100
 77 24.0 11.9 35.5





#77

Bromobenzene

Concen: 10.401 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

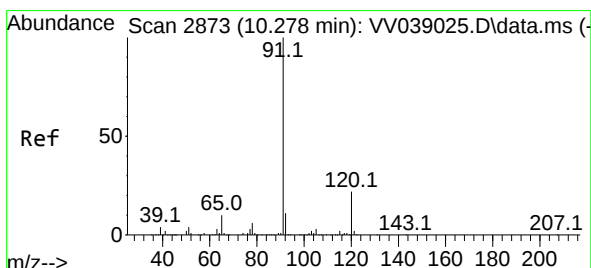
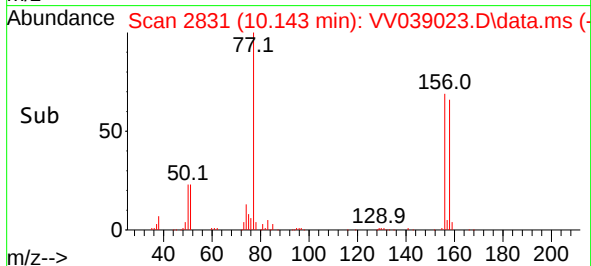
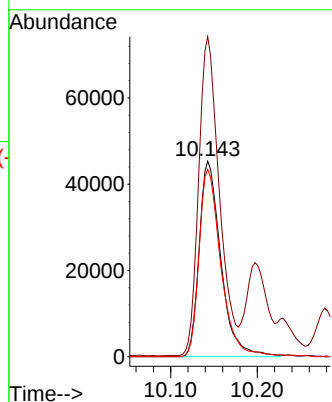
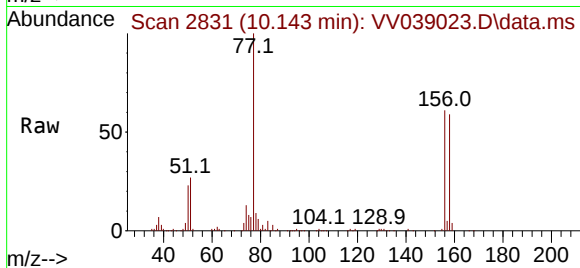
Tgt Ion:156 Resp: 78729

Ion Ratio Lower Upper

156 100

77 155.8 82.5 247.7

158 96.7 49.4 148.0



#78

n-propylbenzene

Concen: 10.076 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV039023.D

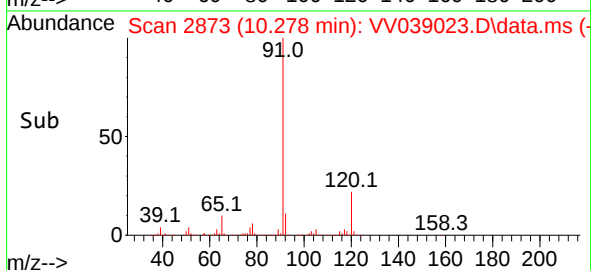
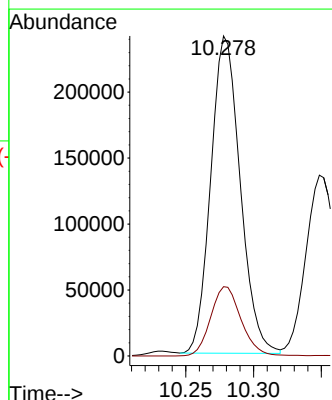
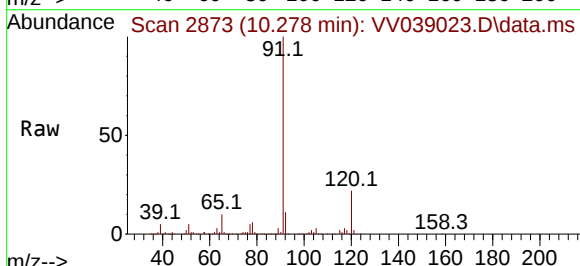
Acq: 25 Aug 2025 10:38

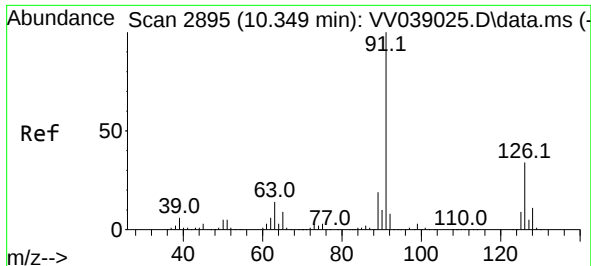
Tgt Ion: 91 Resp: 363427

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.6

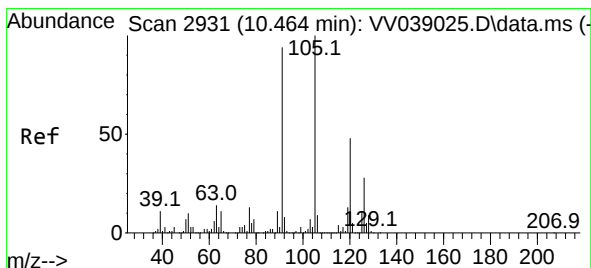
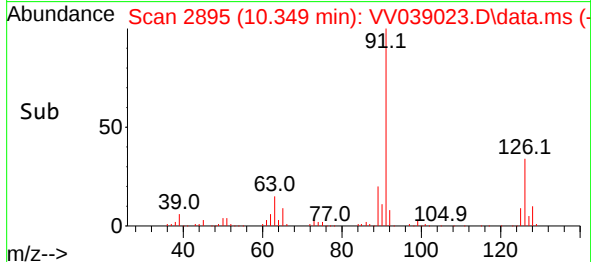
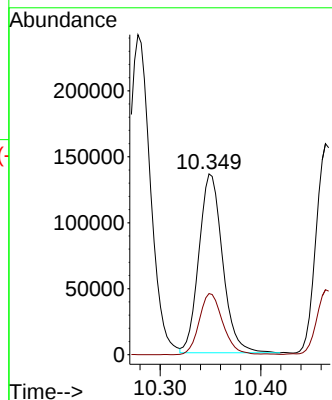
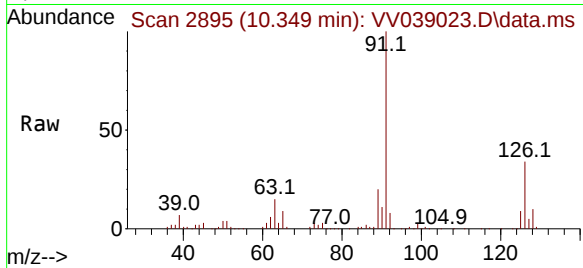




#79
2-Chlorotoluene
Concen: 9.961 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

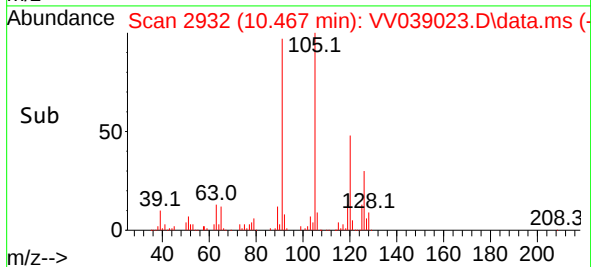
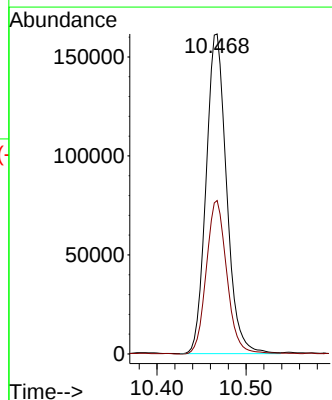
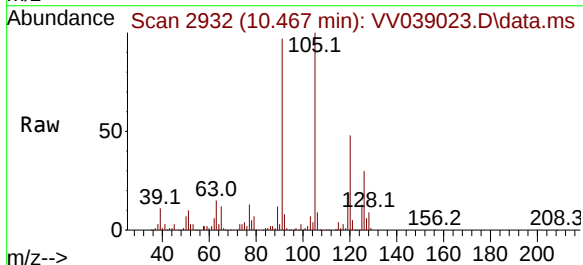
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

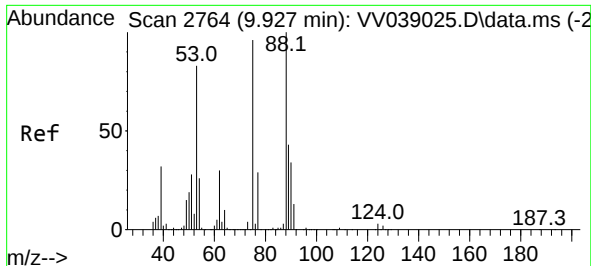
Tgt Ion: 91 Resp: 221382
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 10.291 ug/l
RT: 10.467 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 105 Resp: 258036
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.8

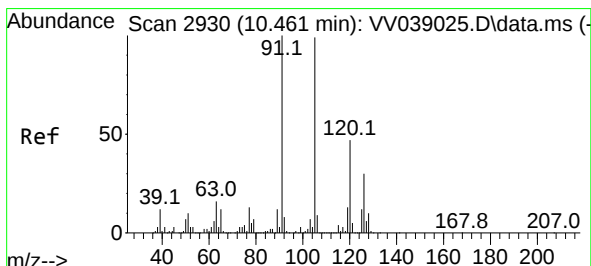
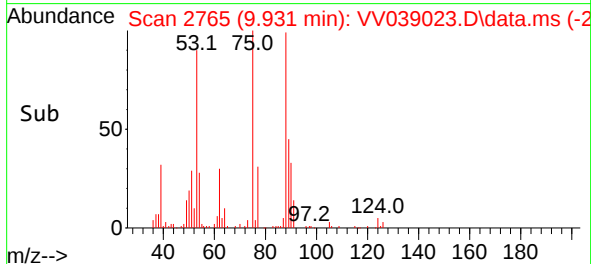
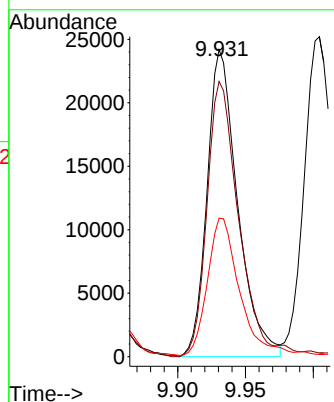
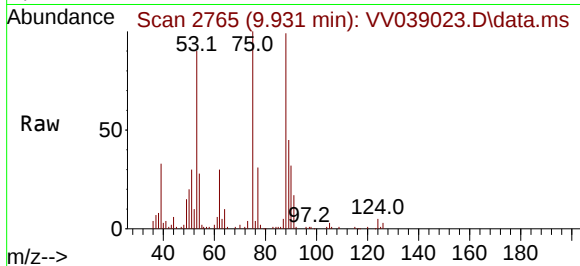




#81
trans-1,4-Dichloro-2-butene
Concen: 9.743 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

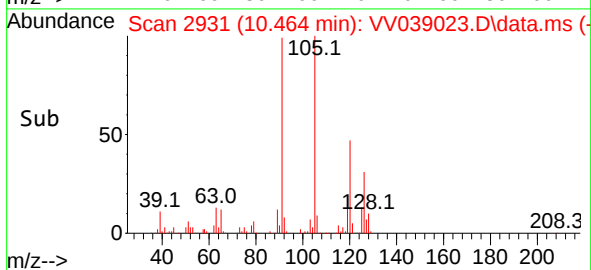
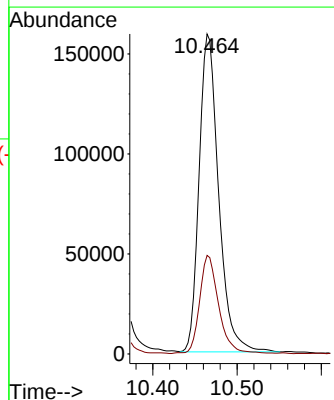
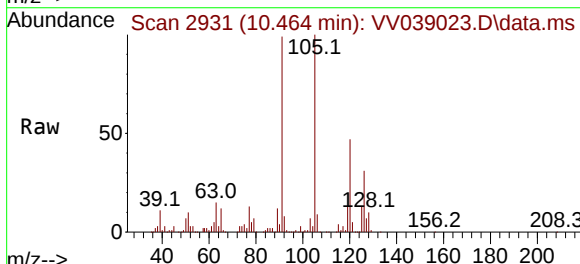
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

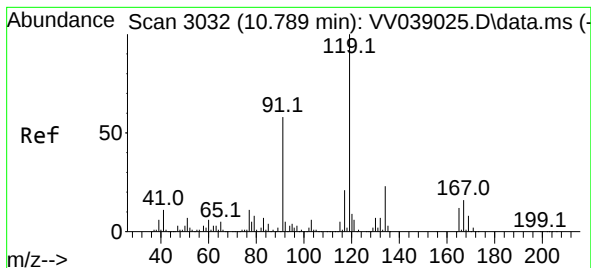
Tgt Ion: 75 Resp: 37916
Ion Ratio Lower Upper
75 100
53 93.3 70.2 105.4
89 46.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 10.152 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 91 Resp: 256662
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.5





#83

tert-Butylbenzene

Concen: 10.337 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

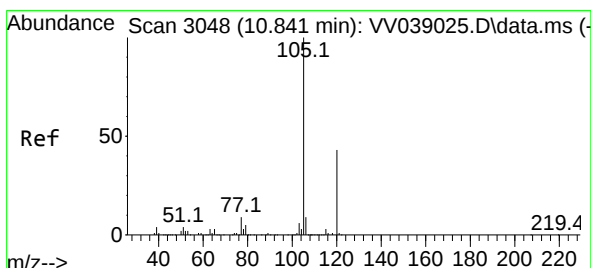
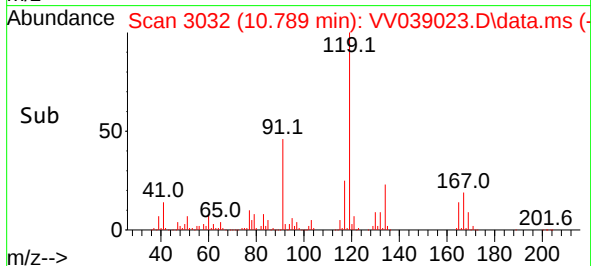
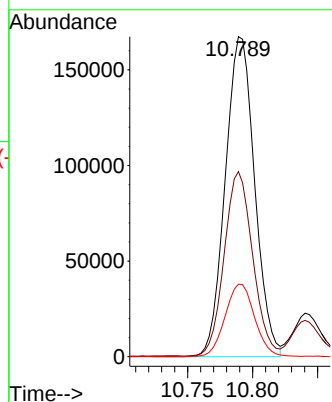
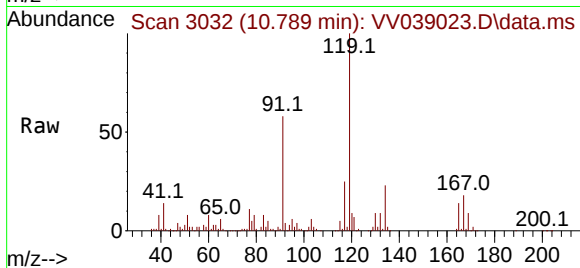
Tgt Ion:119 Resp: 263707

Ion Ratio Lower Upper

119 100

91 55.8 28.1 84.4

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 10.619 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV039023.D

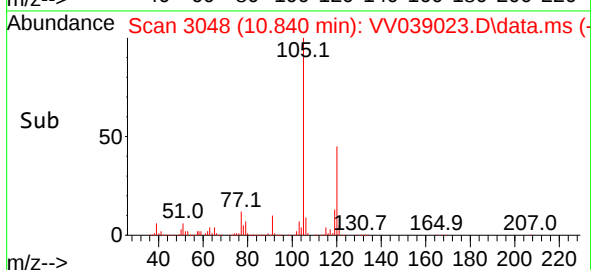
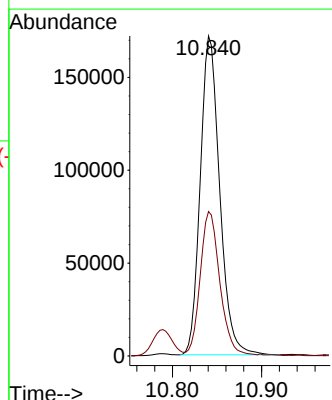
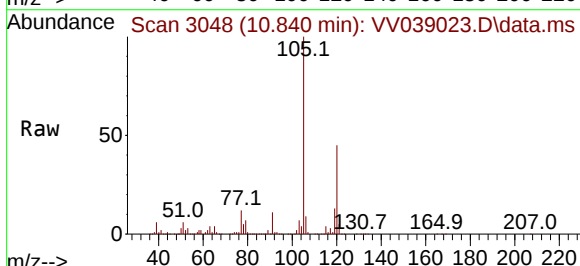
Acq: 25 Aug 2025 10:38

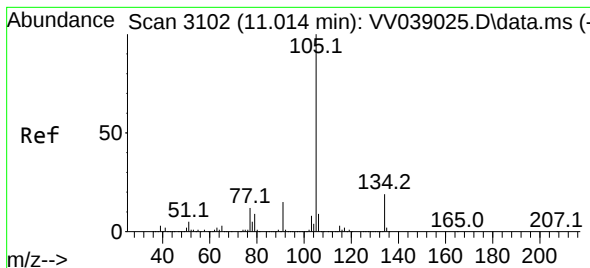
Tgt Ion:105 Resp: 260581

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 10.371 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. -0.000 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

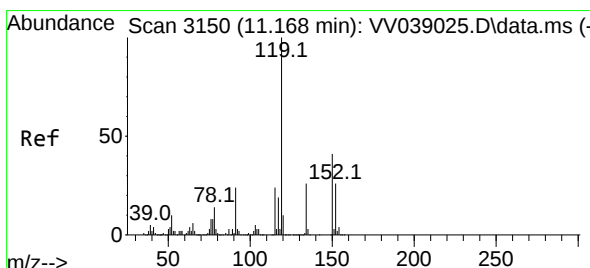
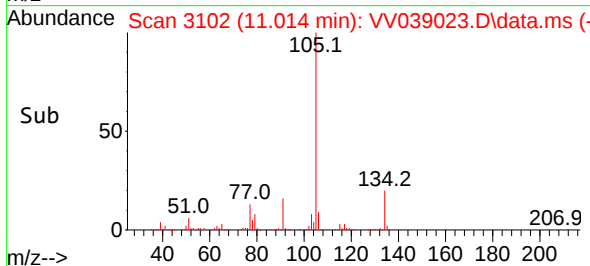
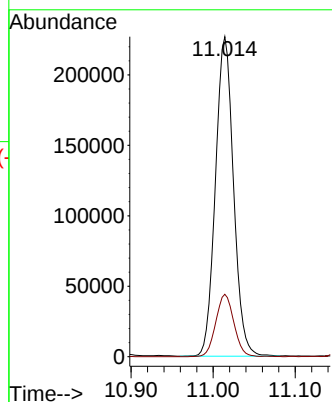
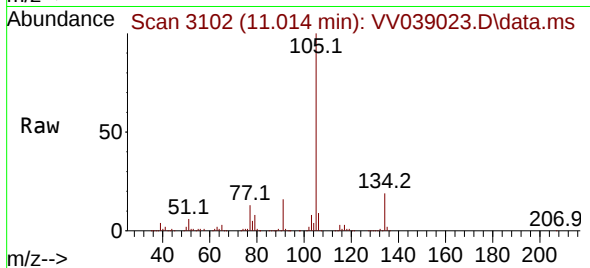
VSTDIC010

Tgt Ion:105 Resp: 347930

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 10.346 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

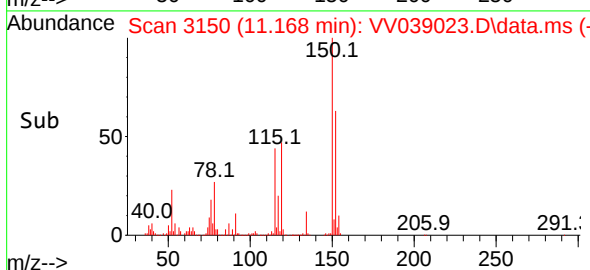
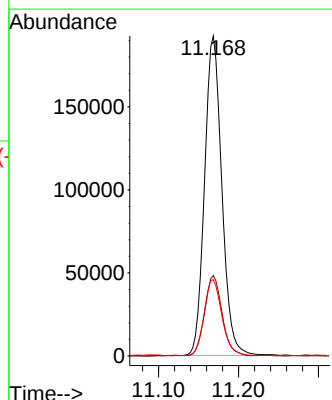
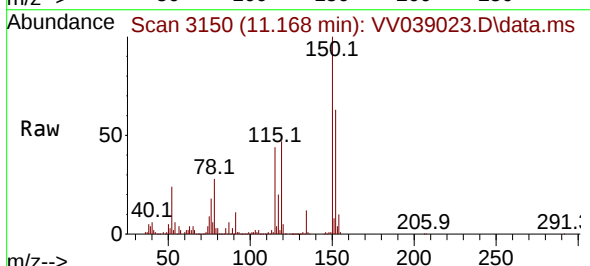
Tgt Ion:119 Resp: 289447

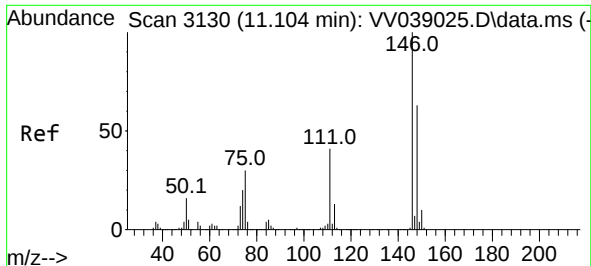
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.1

91 24.4 12.0 36.1

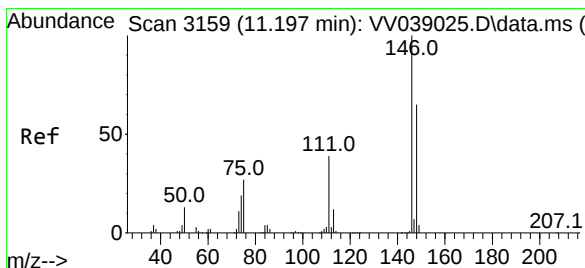
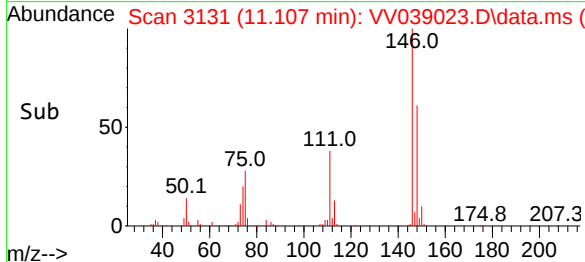
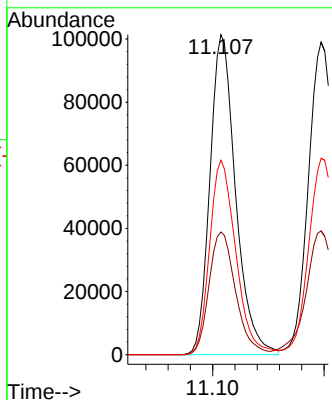
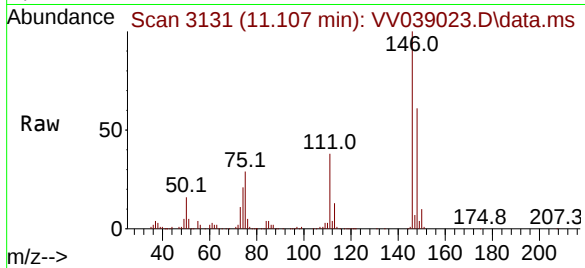




#87
1,3-Dichlorobenzene
Concen: 10.749 ug/l
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

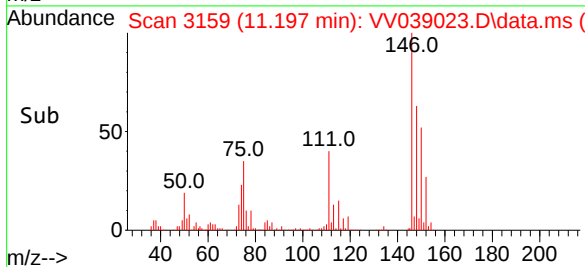
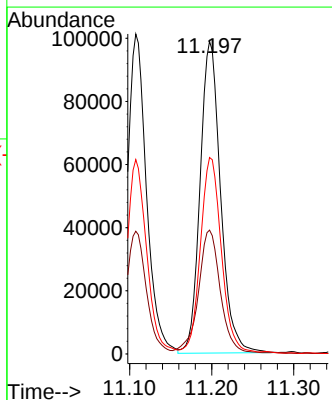
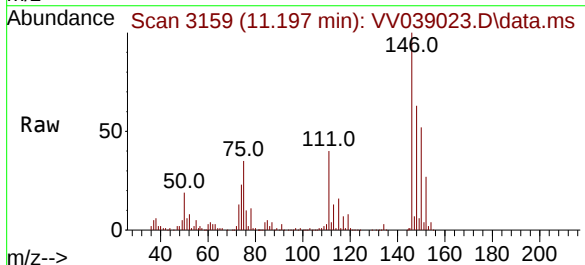
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

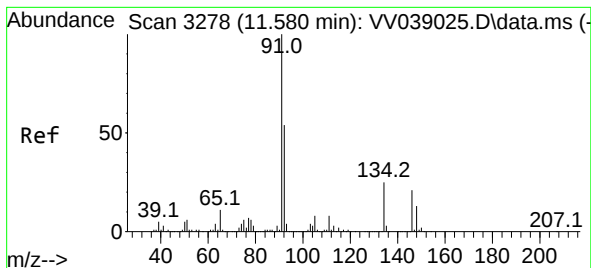
Tgt Ion:146 Resp: 162643
Ion Ratio Lower Upper
146 100
111 39.7 20.5 61.6
148 61.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 10.492 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:146 Resp: 171060
Ion Ratio Lower Upper
146 100
111 42.1 20.1 60.3
148 63.5 32.5 97.4





#89

n-Butylbenzene

Concen: 10.047 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

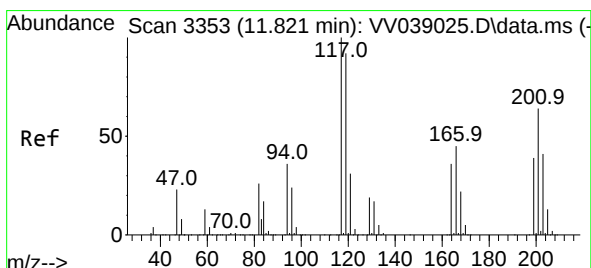
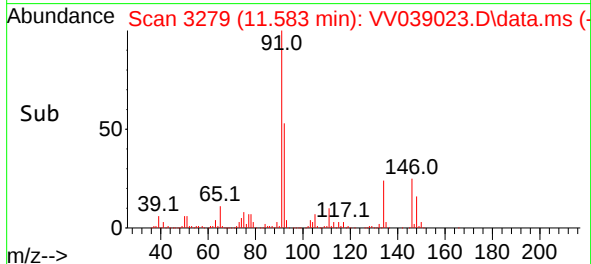
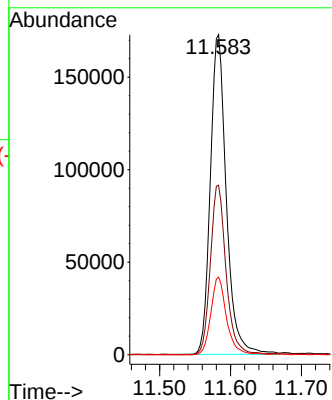
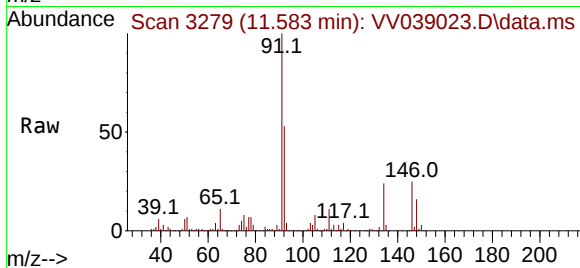
Tgt Ion: 91 Resp: 271112

Ion Ratio Lower Upper

91 100

92 52.0 26.8 80.4

134 23.7 12.2 36.6



#90

Hexachloroethane

Concen: 10.560 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV039023.D

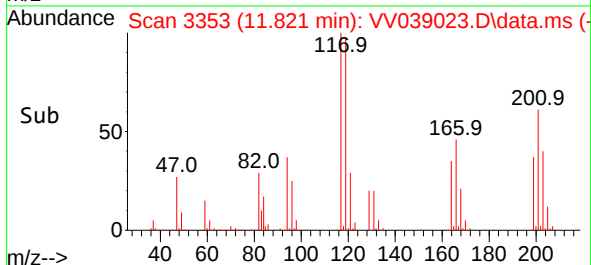
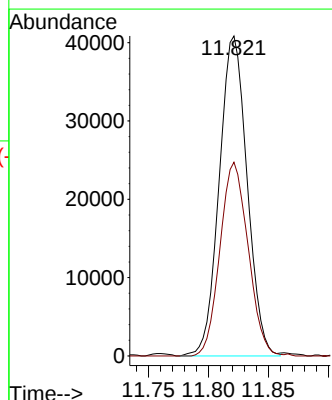
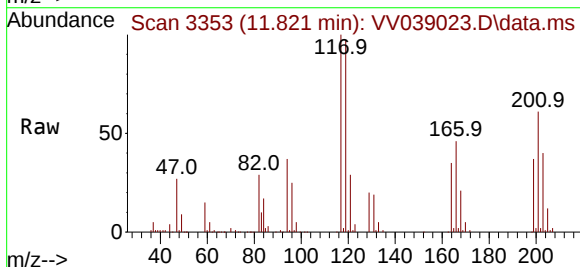
Acq: 25 Aug 2025 10:38

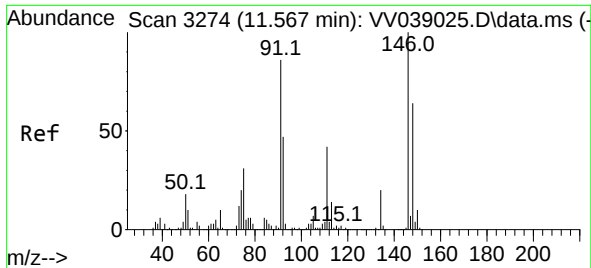
Tgt Ion: 117 Resp: 65996

Ion Ratio Lower Upper

117 100

201 61.2 32.2 96.6

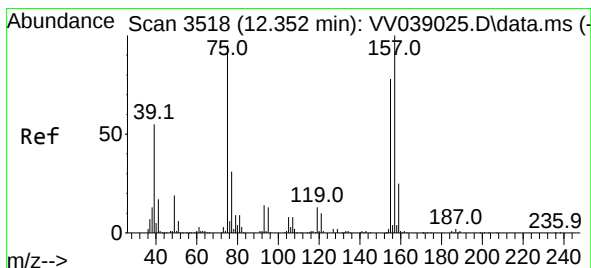
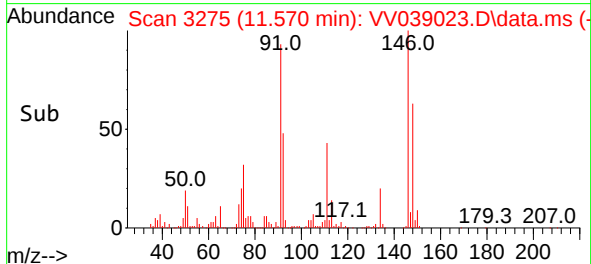
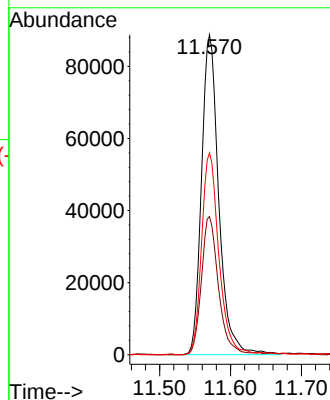
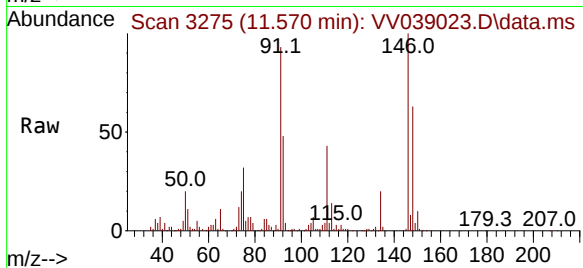




#91
1,2-Dichlorobenzene
Concen: 10.223 ug/l
RT: 11.570 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

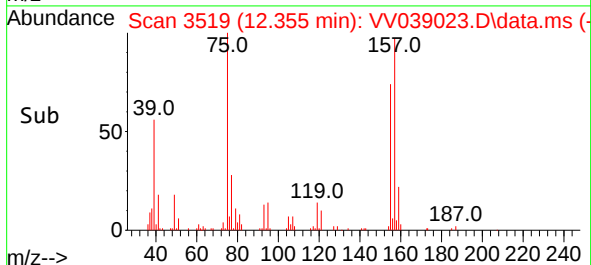
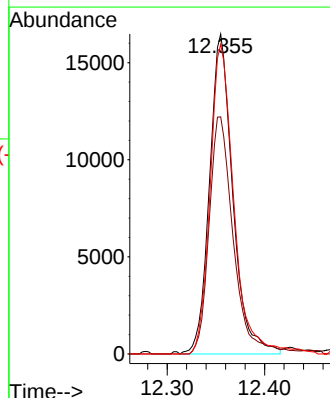
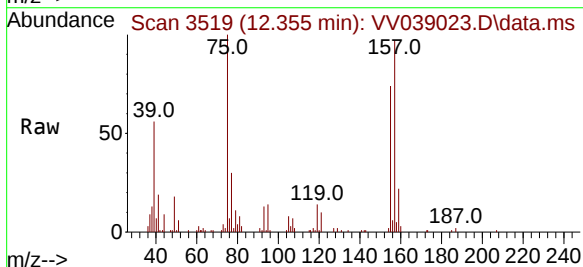
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

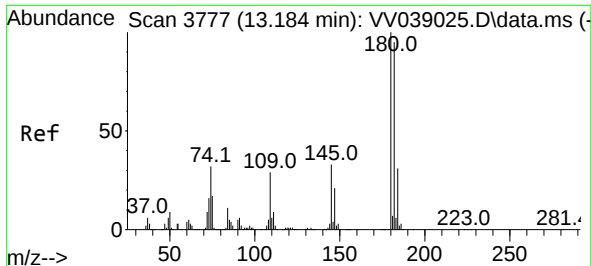
Tgt Ion:146 Resp: 150039
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.4
148 63.0 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.445 ug/l
RT: 12.355 min Scan# 3519
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion: 75 Resp: 27312
Ion Ratio Lower Upper
75 100
155 77.3 40.9 122.7
157 99.2 53.4 160.3

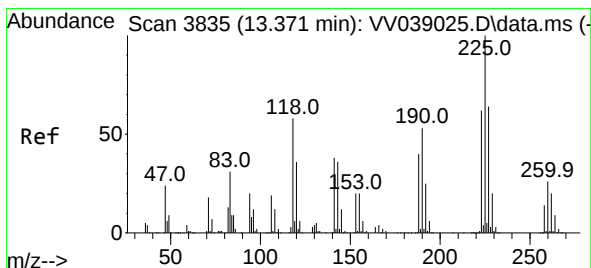
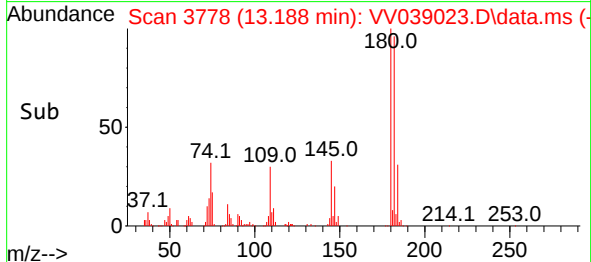
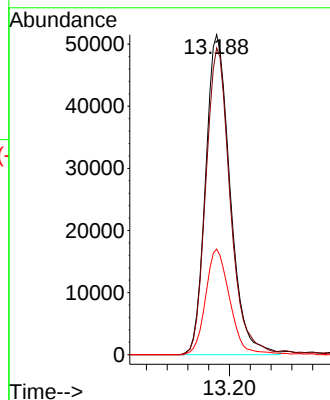
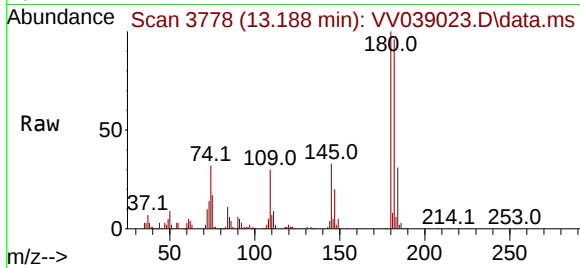




#93
1,2,4-Trichlorobenzene
Concen: 9.925 ug/l
RT: 13.188 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

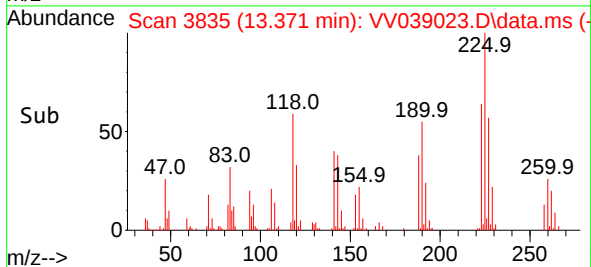
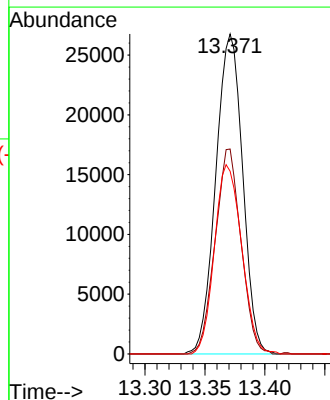
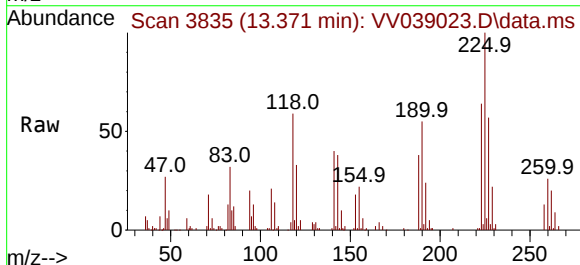
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

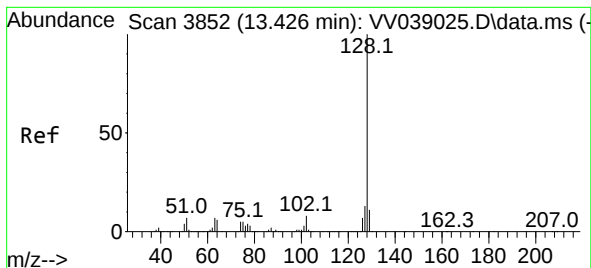
Tgt Ion:180 Resp: 84400
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 32.6 16.3 48.9



#94
Hexachlorobutadiene
Concen: 10.470 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. -0.000 min
Lab File: VV039023.D
Acq: 25 Aug 2025 10:38

Tgt Ion:225 Resp: 41634
Ion Ratio Lower Upper
225 100
223 61.7 32.1 96.5
227 60.0 31.6 95.0





#95

Naphthalene

Concen: 9.227 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. -0.000 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

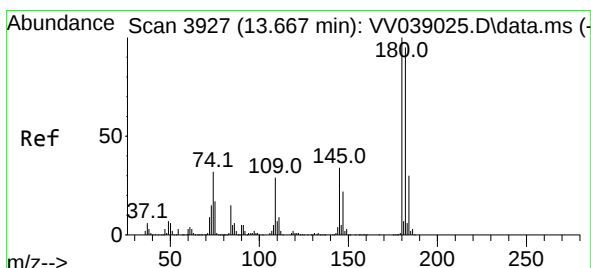
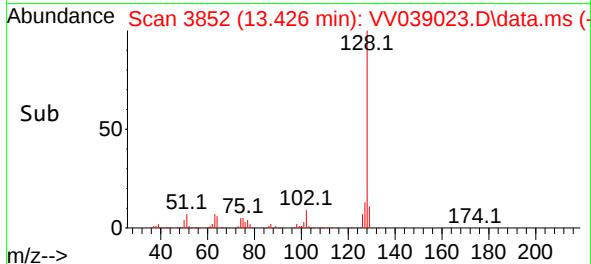
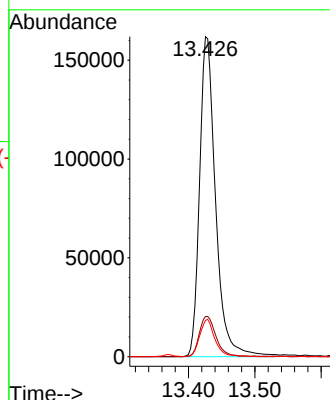
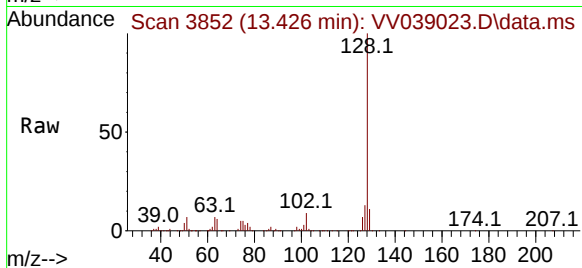
Tgt Ion:128 Resp: 272154

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 9.921 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV039023.D

Acq: 25 Aug 2025 10:38

Tgt Ion:180 Resp: 85494

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.0

145 36.5 17.0 51.0

