

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039031.D
 Acq On : 25 Aug 2025 14:17
 Operator : SY/MD
 Sample : VV0825WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBSD01

Quant Time: Aug 26 03:32:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	513917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	879395	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	811326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	433292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	366453	49.438	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.880%
35) Dibromofluoromethane	4.500	113	318104	50.229	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.460%
50) Toluene-d8	7.233	98	1079933	48.161	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	10.001	95	404105	49.184	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	98.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	127688	18.554	ug/l	99
3) Chloromethane	1.227	50	140191	19.115	ug/l	100
4) Vinyl Chloride	1.298	62	161473	18.880	ug/l	99
5) Bromomethane	1.497	94	96888	22.546	ug/l	99
6) Chloroethane	1.561	64	103001	19.881	ug/l	99
7) Trichlorofluoromethane	1.725	101	233702	18.983	ug/l	99
8) Diethyl Ether	1.918	74	92612	19.830	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	139611	18.824	ug/l	99
10) Methyl Iodide	2.195	142	126591	21.867	ug/l	98
11) Tert butyl alcohol	2.561	59	127583	95.885	ug/l	98
12) 1,1-Dichloroethene	2.082	96	132390	18.644	ug/l	100
13) Acrolein	2.008	56	41101	68.416	ug/l	96
14) Allyl chloride	2.359	41	208647	18.668	ug/l	99
15) Acrylonitrile	2.674	53	394953	99.529	ug/l	98
16) Acetone	2.118	43	364289	77.813	ug/l	99
17) Carbon Disulfide	2.253	76	367111	18.624	ug/l	99
18) Methyl Acetate	2.381	43	185686	19.973	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	418555	20.004	ug/l	97
20) Methylene Chloride	2.455	84	149004	19.490	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	133175	18.711	ug/l	93
22) Diisopropyl ether	3.211	45	424800	20.885	ug/l	81
23) Vinyl Acetate	3.188	43	1745389	103.521	ug/l	100
24) 1,1-Dichloroethane	3.118	63	243283	19.093	ug/l	100
25) 2-Butanone	3.863	43	475101	92.669	ug/l	100
26) 2,2-Dichloropropane	3.809	77	202021	18.444	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	151668	19.227	ug/l	99
28) Bromochloromethane	4.146	49	58880	18.594	ug/l	100
29) Tetrahydrofuran	4.230	42	310616	95.835	ug/l	98
30) Chloroform	4.278	83	256596	19.361	ug/l	98
31) Cyclohexane	4.584	56	211446	18.763	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	230552	19.763	ug/l	98
36) 1,1-Dichloropropene	4.748	75	163704	19.233	ug/l	99
37) Ethyl Acetate	3.973	43	192655	19.285	ug/l	98
38) Carbon Tetrachloride	4.735	117	194940	19.126	ug/l	97
39) Methylcyclohexane	6.047	83	216743	19.837	ug/l	98
40) Benzene	5.008	78	536098	19.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	71070	18.151	ug/l	91
42) 1,2-Dichloroethane	5.040	62	180373	19.017	ug/l	99
43) Isopropyl Acetate	5.191	43	283382	19.937	ug/l	99
44) Trichloroethene	5.831	130	134674	19.719	ug/l	100
45) 1,2-Dichloropropane	6.088	63	127400	18.424	ug/l	97
46) Dibromomethane	6.227	93	103299	19.698	ug/l	100
47) Bromodichloromethane	6.426	83	203318	18.816	ug/l	97
48) Methyl methacrylate	6.297	41	127714	18.407	ug/l	95
49) 1,4-Dioxane	6.291	88	46475	396.182	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	983773	98.398	ug/l	99
52) Toluene	7.307	92	338670	19.521	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	199164	19.200	ug/l	96
54) cis-1,3-Dichloropropene	6.947	75	220049	19.747	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	137287	18.968	ug/l	97
56) Ethyl methacrylate	7.715	69	190974	19.892	ug/l	97
57) 1,3-Dichloropropane	7.934	76	227194	19.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	533052	95.624	ug/l	100
59) 2-Hexanone	8.063	43	714958	96.376	ug/l	98
60) Dibromochloromethane	8.166	129	160459	19.164	ug/l	99
61) 1,2-Dibromoethane	8.275	107	149226	19.976	ug/l	99
64) Tetrachloroethene	7.899	164	112108	19.437	ug/l	98
65) Chlorobenzene	8.805	112	379138	19.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	133642	19.716	ug/l	100
67) Ethyl Benzene	8.937	91	610923	19.890	ug/l	99
68) m/p-Xylenes	9.063	106	486094	41.161	ug/l	98
69) o-Xylene	9.468	106	222360	20.565	ug/l	99
70) Styrene	9.487	104	396875	20.835	ug/l	99
71) Bromoform	9.654	173	112292	20.488	ug/l #	98
73) Isopropylbenzene	9.857	105	615816	20.280	ug/l	100
74) N-amyl acetate	9.725	43	243525	19.514	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	225092	18.816	ug/l	97
76) 1,2,3-Trichloropropane	10.198	75	171603	20.176	ug/l	95
77) Bromobenzene	10.140	156	149973	19.935	ug/l	99
78) n-propylbenzene	10.278	91	735722	20.524	ug/l	100
79) 2-Chlorotoluene	10.349	91	445201	20.157	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	517582	20.771	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.928	75	71186	18.406	ug/l	95
82) 4-Chlorotoluene	10.464	91	514242	20.457	ug/l	99
83) tert-Butylbenzene	10.789	119	507115	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	509196	20.879	ug/l	100
85) sec-Butylbenzene	11.014	105	669718	20.086	ug/l	99
86) p-Isopropyltoluene	11.169	119	559535	20.125	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	296678	19.729	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	302314	18.658	ug/l	98
89) n-Butylbenzene	11.580	91	520114	19.395	ug/l	100
90) Hexachloroethane	11.821	117	113314	18.245	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	278182	19.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	46993	18.084	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	170614	20.187	ug/l	99
94) Hexachlorobutadiene	13.371	225	75437	19.088	ug/l	98
95) Naphthalene	13.426	128	596388	20.346	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	179243	20.930	ug/l	99

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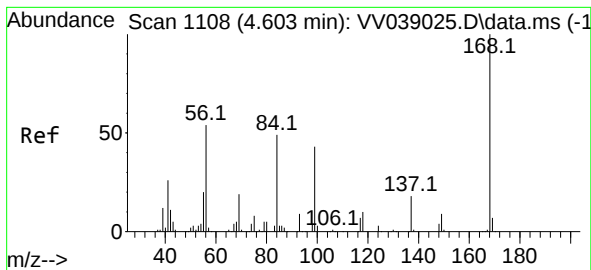
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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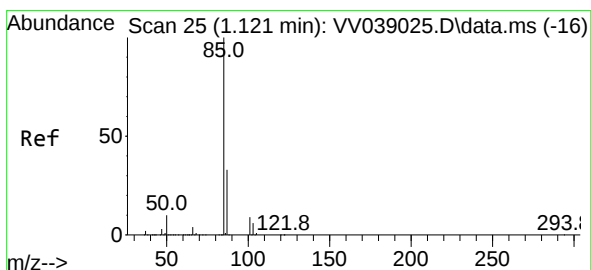
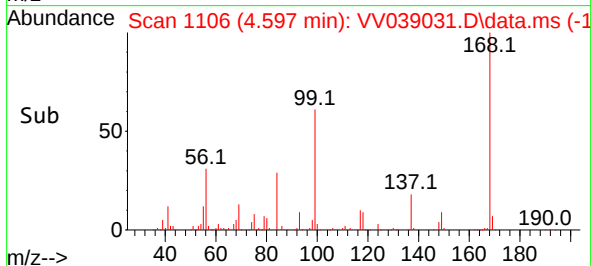
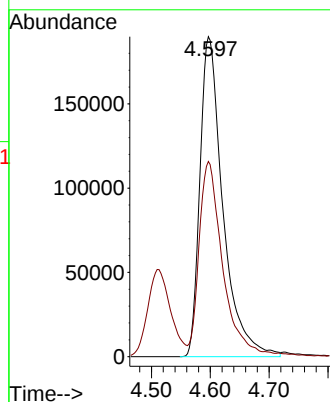
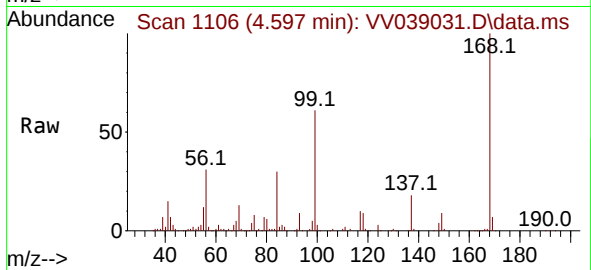




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.006 min
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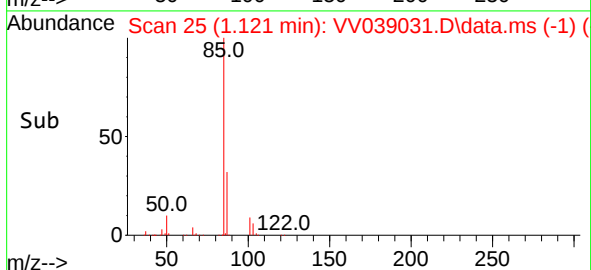
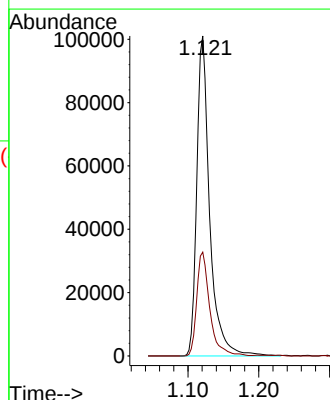
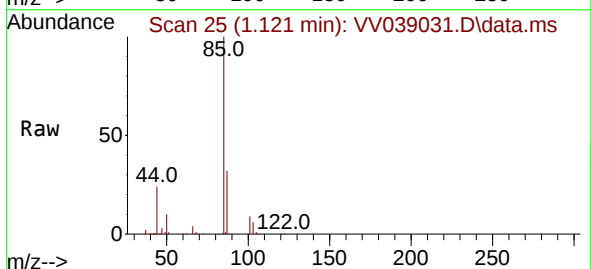
Instrument :
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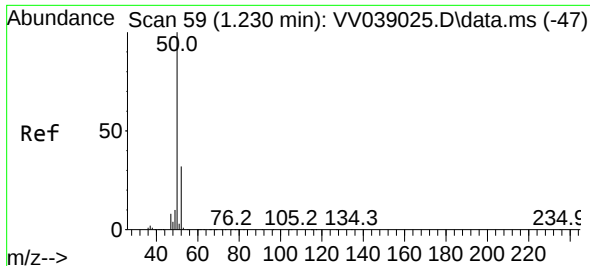
Tgt Ion:168 Resp: 513917
Ion Ratio Lower Upper
168 100
99 59.9 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 18.554 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 85 Resp: 127688
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8

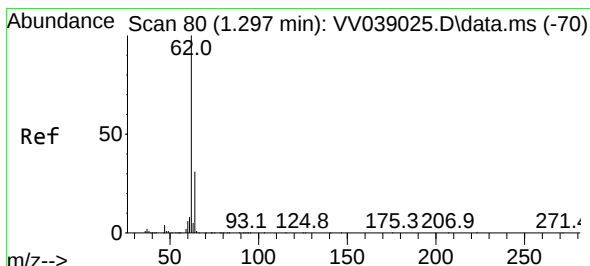
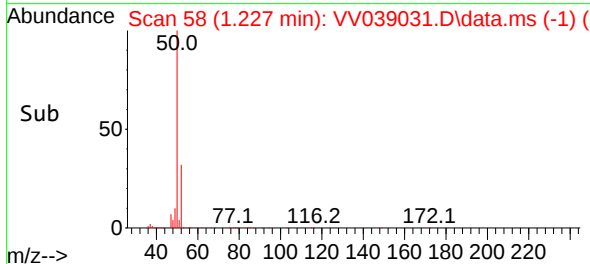
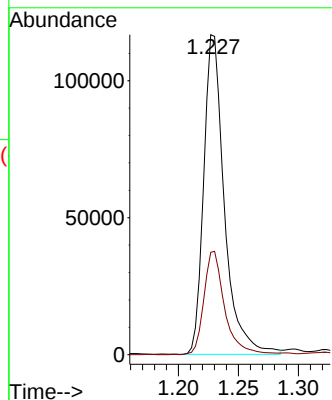
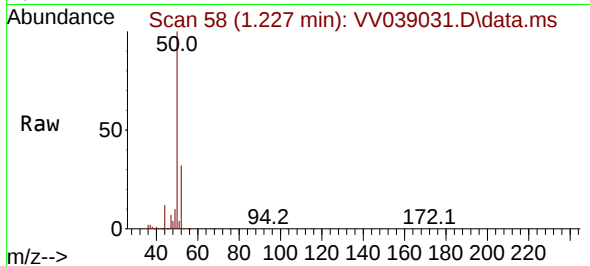




#3
Chloromethane
Concen: 19.115 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

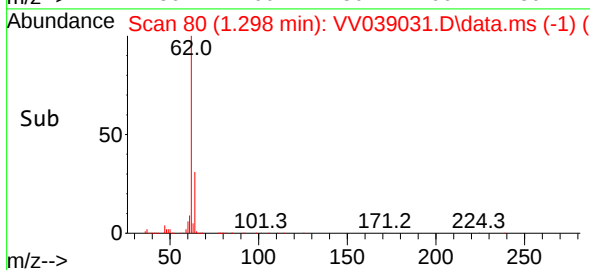
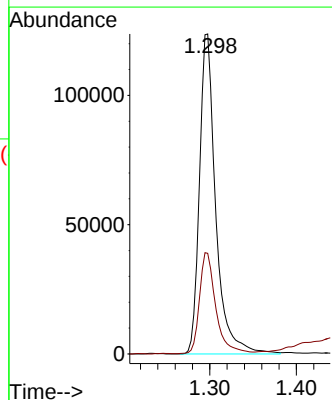
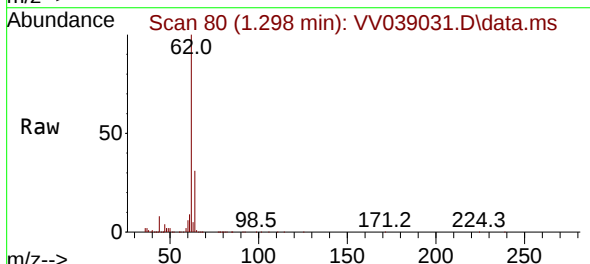
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ClientSampleId :
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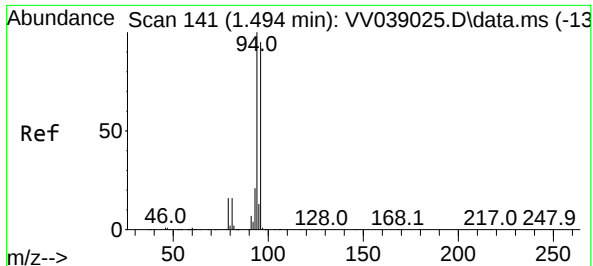
Tgt Ion: 50 Resp: 140191
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 18.880 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 62 Resp: 161473
Ion Ratio Lower Upper
62 100
64 31.3 24.7 37.1

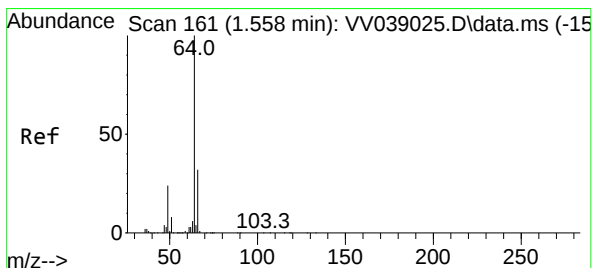
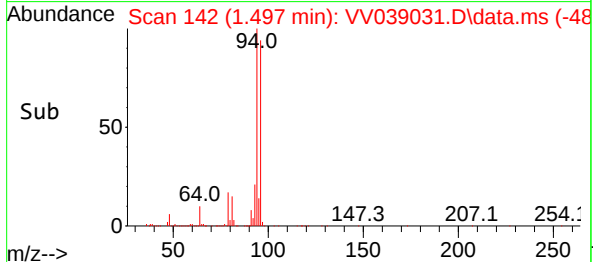
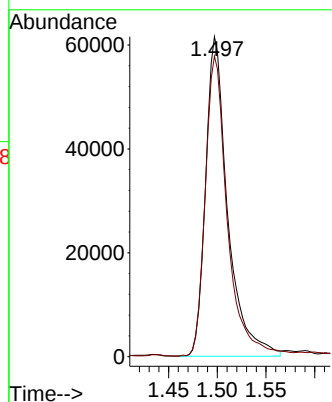
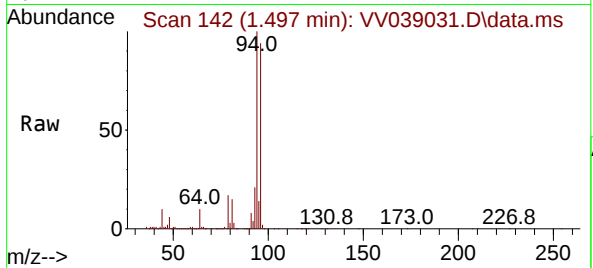




#5
Bromomethane
Concen: 22.546 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

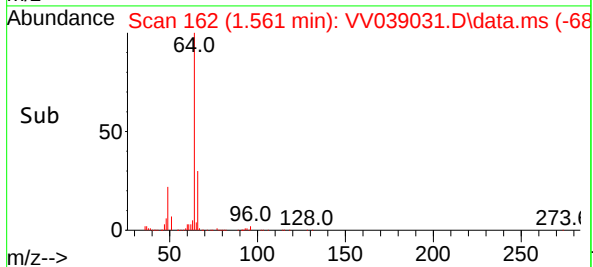
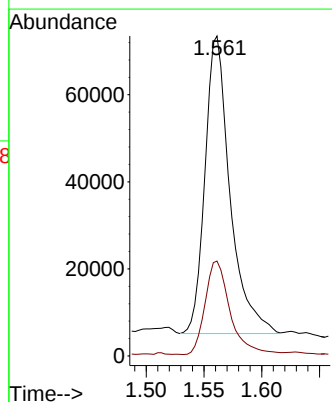
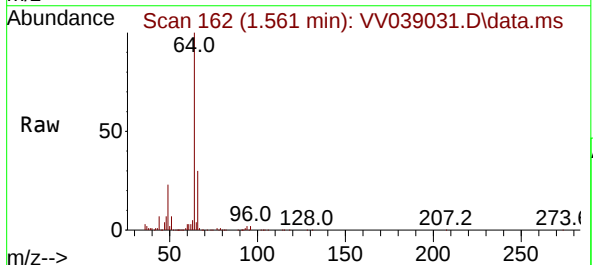
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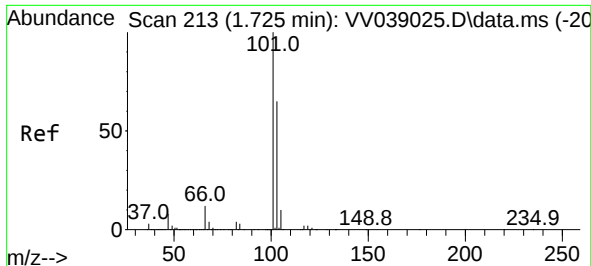
Tgt Ion: 94 Resp: 96888
Ion Ratio Lower Upper
94 100
96 93.8 76.2 114.2



#6
Chloroethane
Concen: 19.881 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 64 Resp: 103001
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2

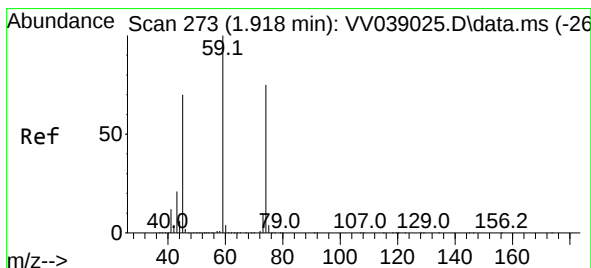
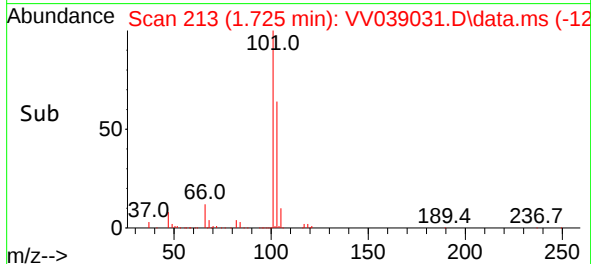
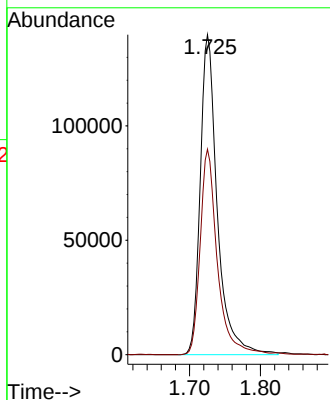
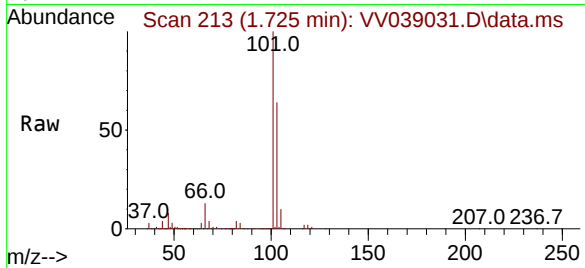




#7
 Trichlorofluoromethane
 Concen: 18.983 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039031.D
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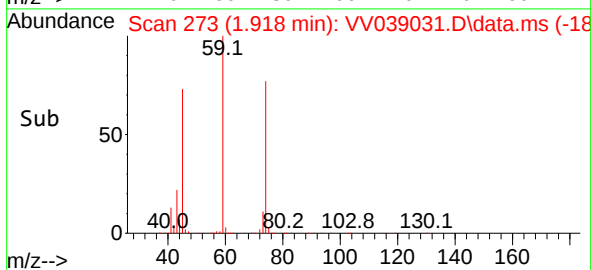
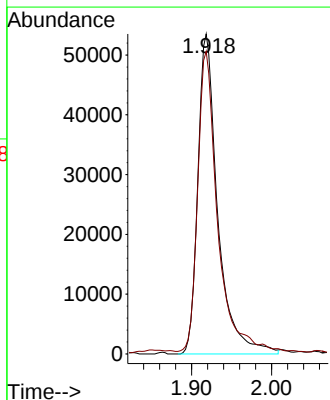
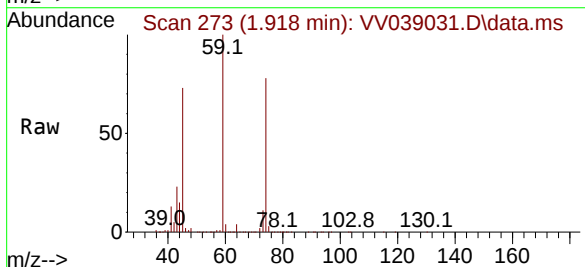
Instrument :
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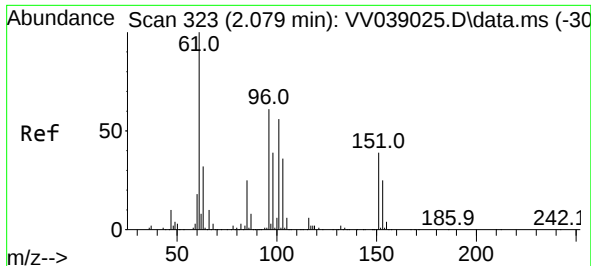
Tgt Ion:101 Resp: 233702
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.830 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 92612
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.1 144.4

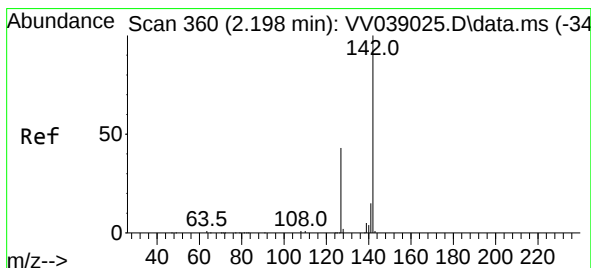
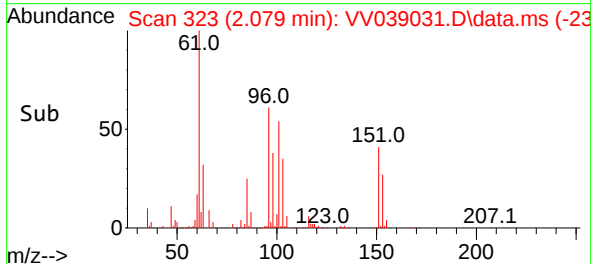
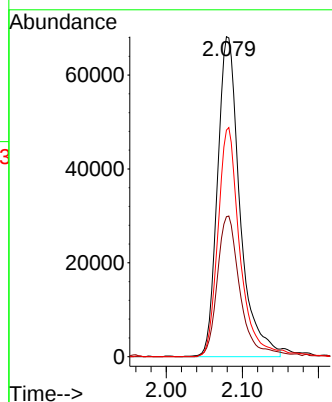
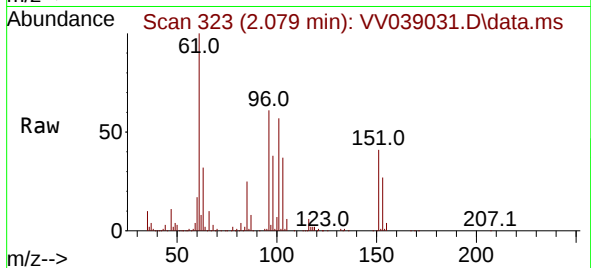




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.824 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

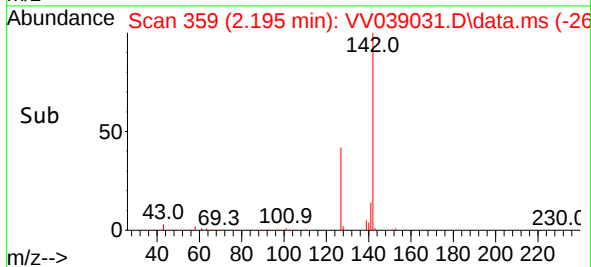
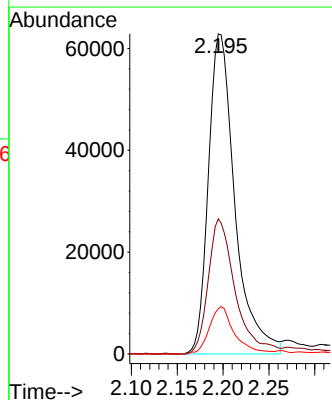
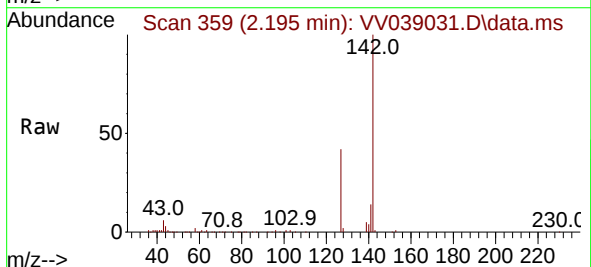
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

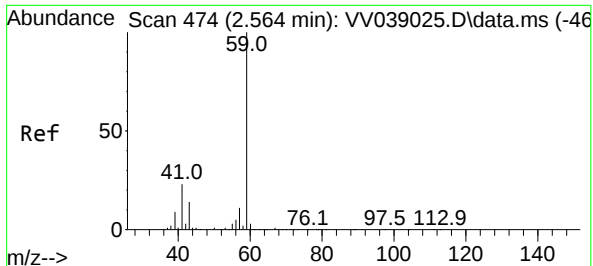
Tgt Ion:101 Resp: 139611
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 71.1 56.1 84.1



#10
Methyl Iodide
Concen: 21.867 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion:142 Resp: 126591
Ion Ratio Lower Upper
142 100
127 43.0 35.7 53.5
141 14.1 11.6 17.4

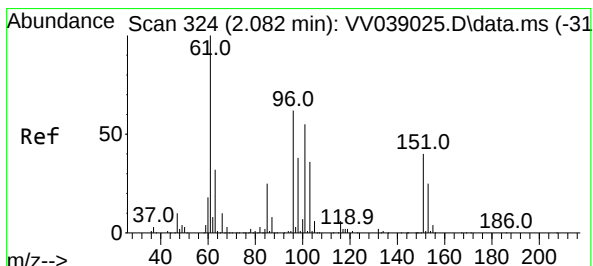
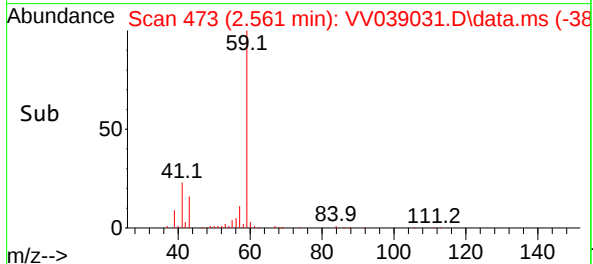
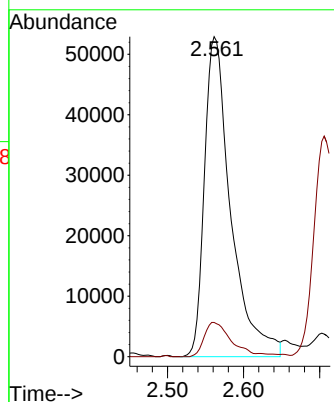
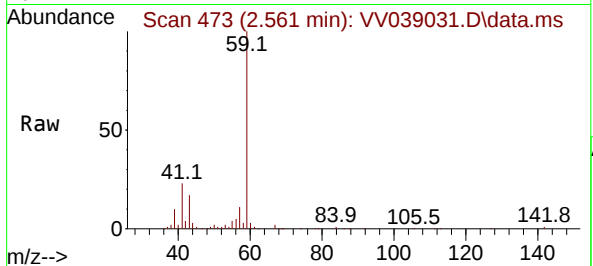




#11
Tert butyl alcohol
Concen: 95.885 ug/l
RT: 2.561 min Scan# 474
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

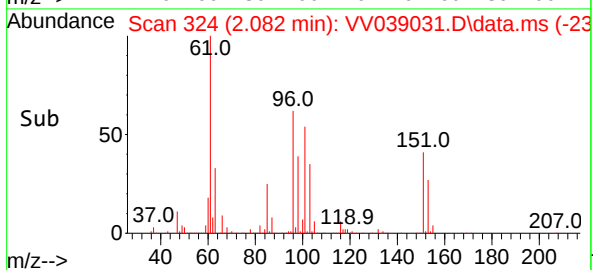
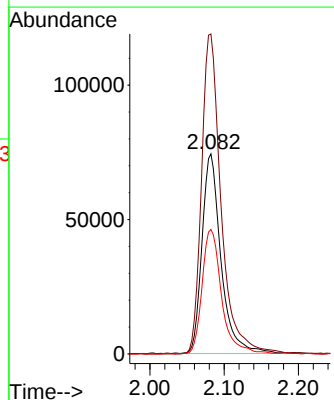
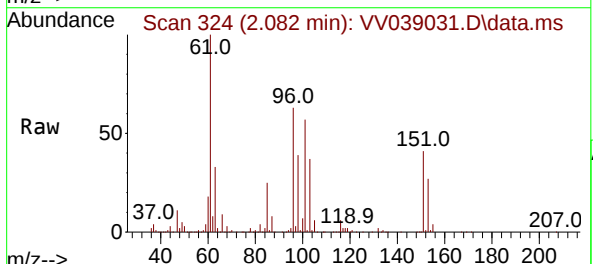
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

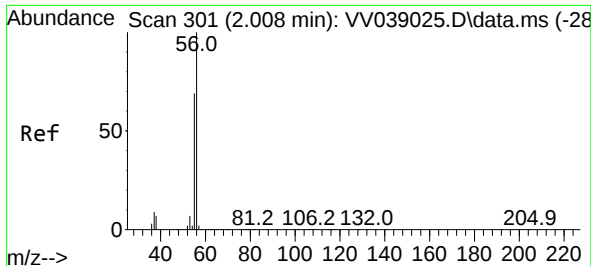
Tgt Ion: 59 Resp: 127583
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.644 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 96 Resp: 132390
Ion Ratio Lower Upper
96 100
61 160.6 128.2 192.2
98 62.3 49.3 73.9

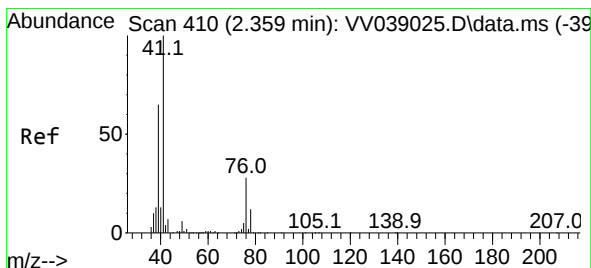
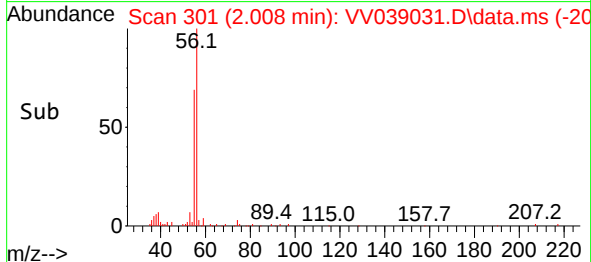
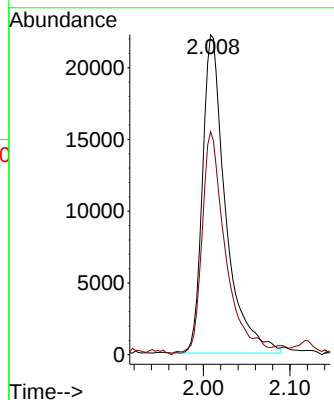
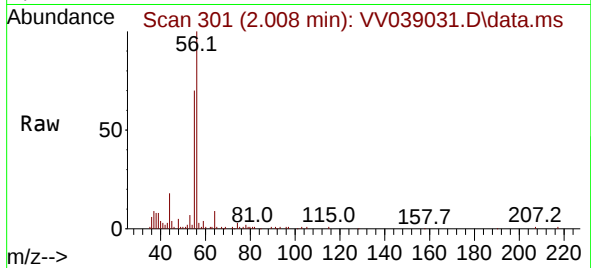




#13
Acrolein
Concen: 68.416 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

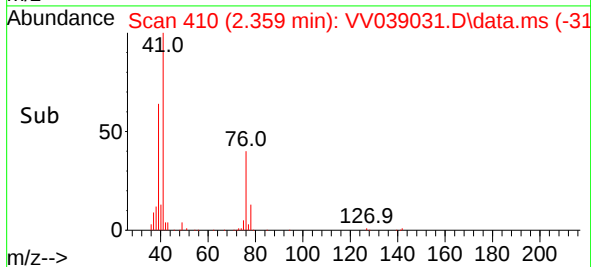
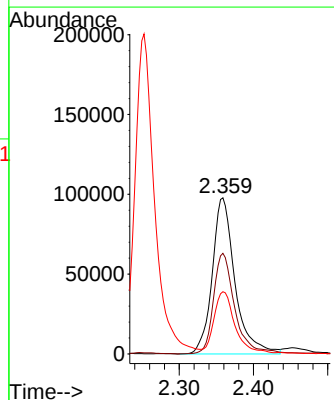
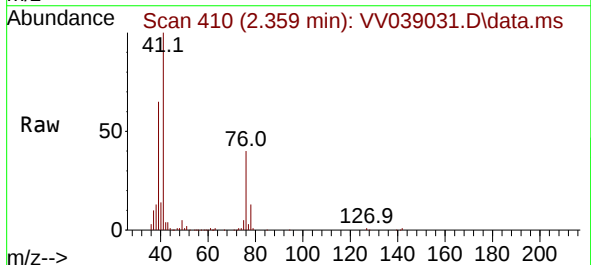
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

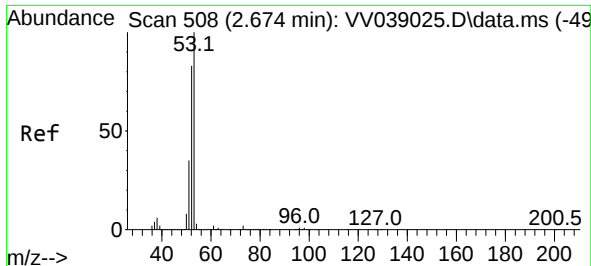
Tgt Ion: 56 Resp: 41101
Ion Ratio Lower Upper
56 100
55 71.8 54.7 82.1



#14
Allyl chloride
Concen: 18.668 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 41 Resp: 208647
Ion Ratio Lower Upper
41 100
39 60.8 48.5 72.7
76 35.4 29.0 43.6

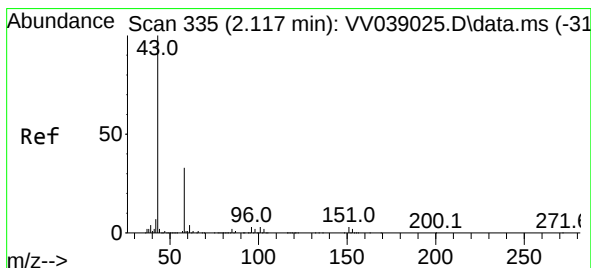
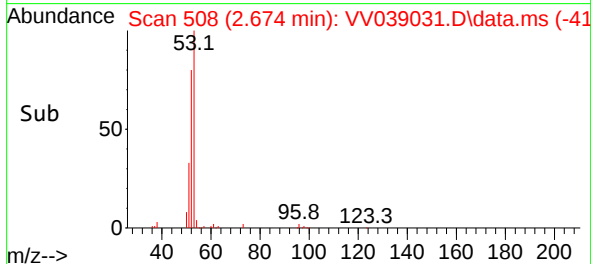
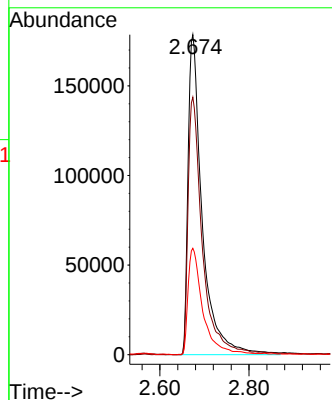
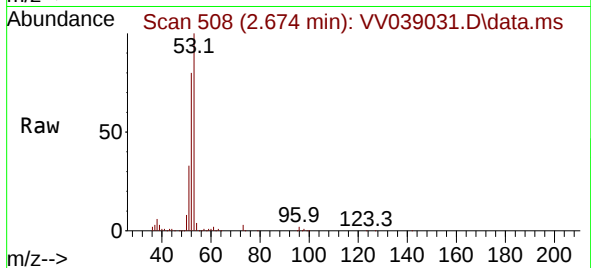




#15
Acrylonitrile
Concen: 99.529 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

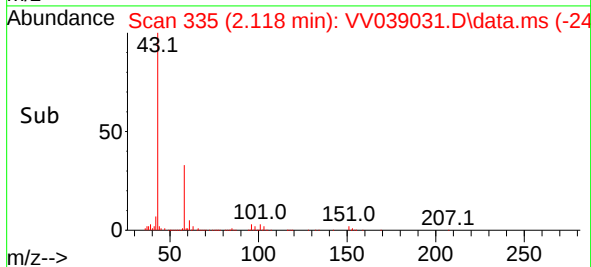
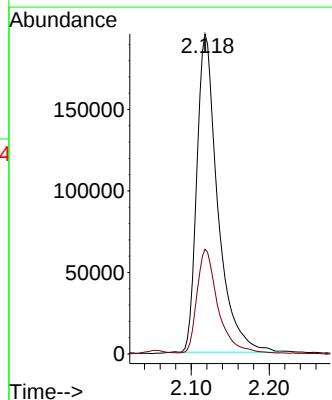
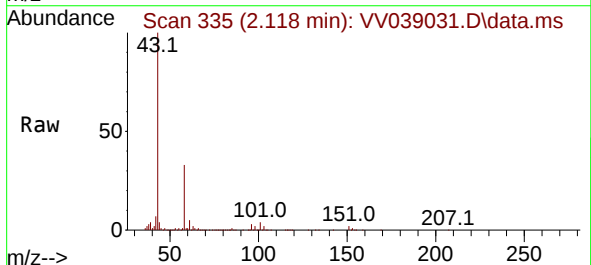
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

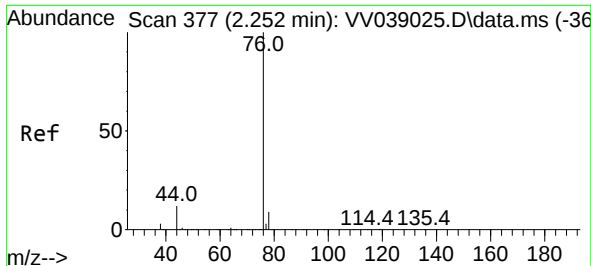
Tgt Ion: 53 Resp: 394953
Ion Ratio Lower Upper
53 100
52 80.2 65.9 98.9
51 34.8 27.9 41.9



#16
Acetone
Concen: 77.813 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.001 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 43 Resp: 364289
Ion Ratio Lower Upper
43 100
58 32.5 26.6 40.0

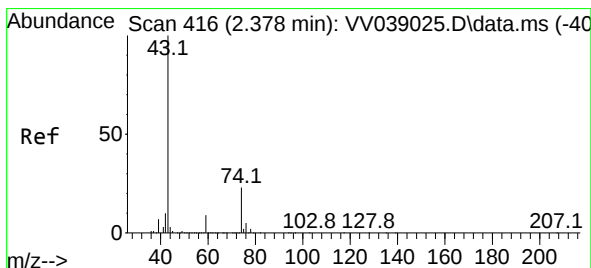
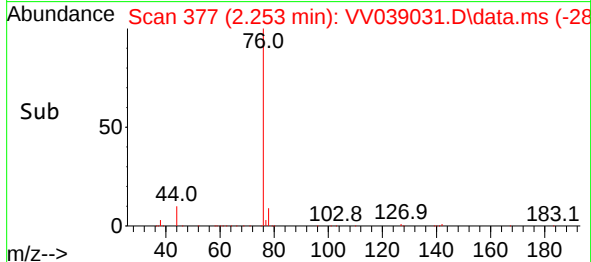
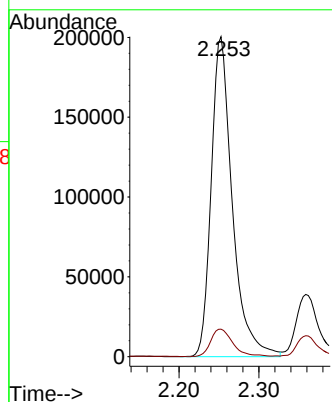
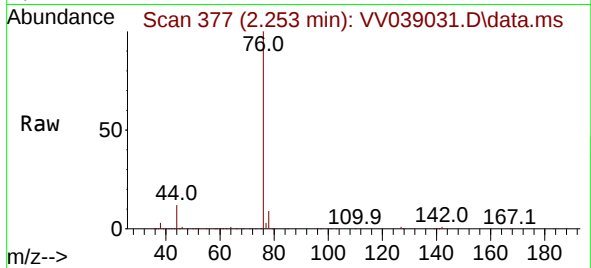




#17
Carbon Disulfide
Concen: 18.624 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

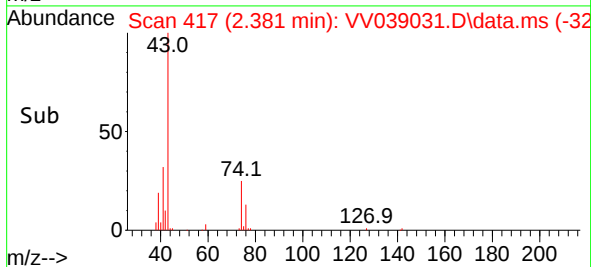
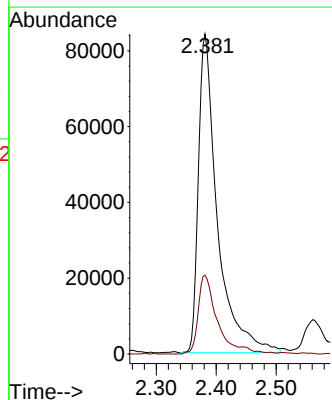
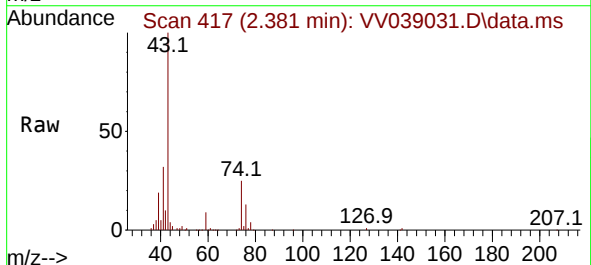
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

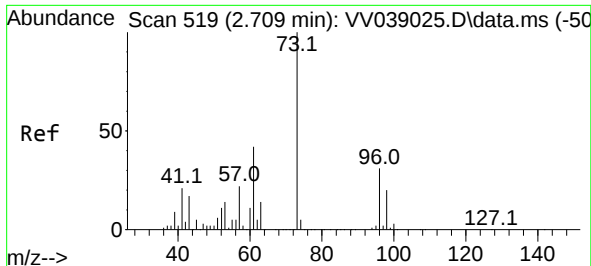
Tgt Ion: 76 Resp: 367111
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 19.973 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 43 Resp: 185686
Ion Ratio Lower Upper
43 100
74 23.4 18.9 28.3

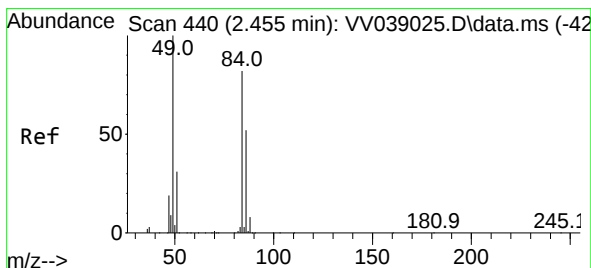
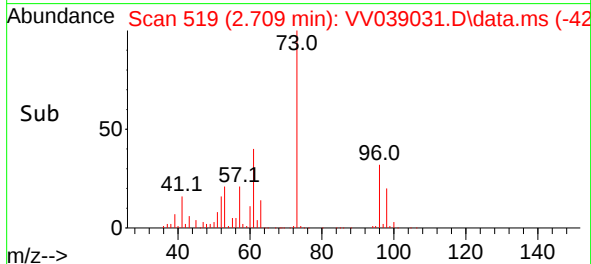
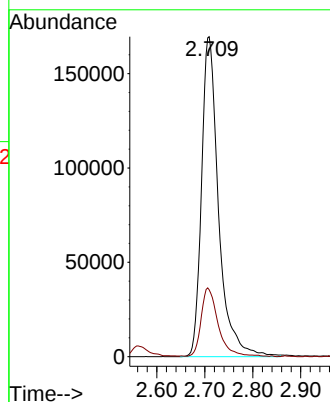
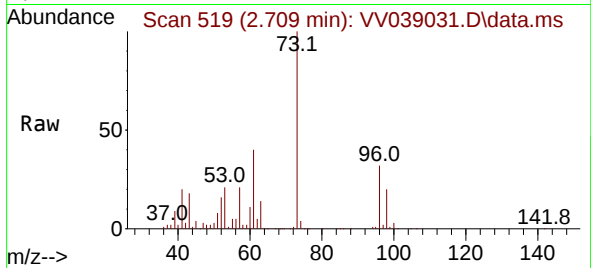




#19
Methyl tert-butyl Ether
Concen: 20.004 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

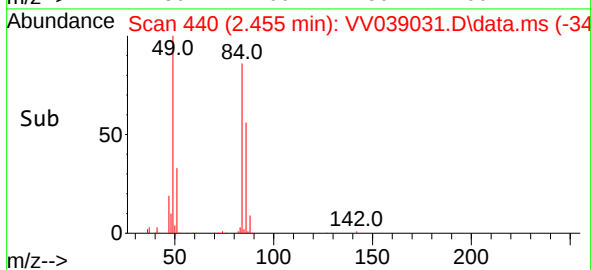
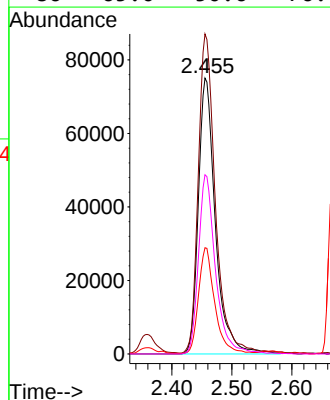
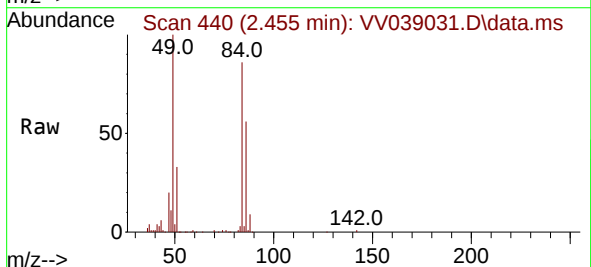
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

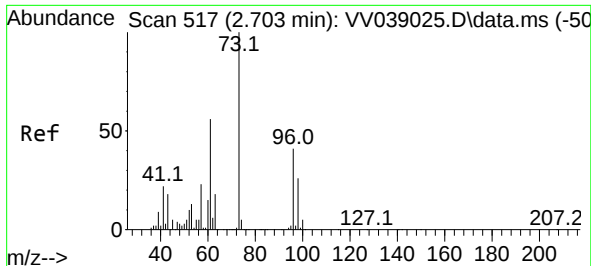
Tgt Ion: 73 Resp: 418555
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9



#20
Methylene Chloride
Concen: 19.490 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 84 Resp: 149004
Ion Ratio Lower Upper
84 100
49 115.7 97.8 146.8
51 38.3 30.3 45.5
86 65.0 50.6 76.0

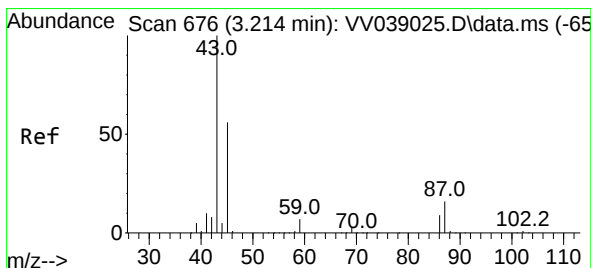
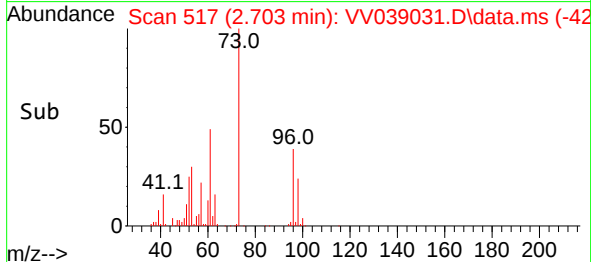
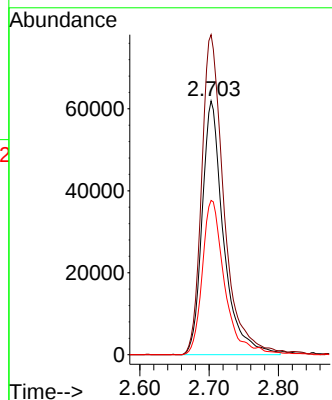
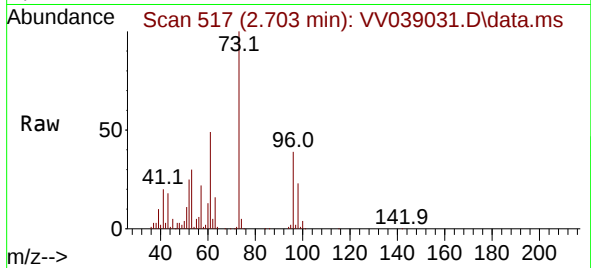




#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

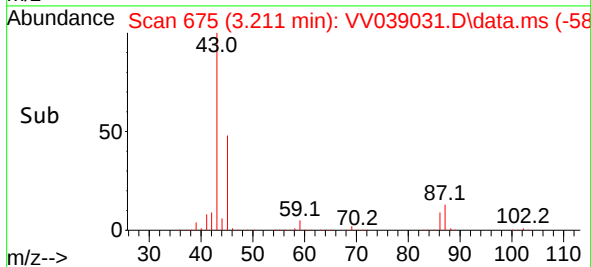
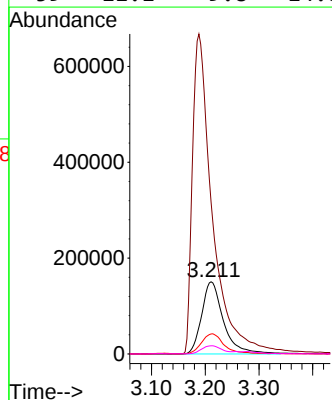
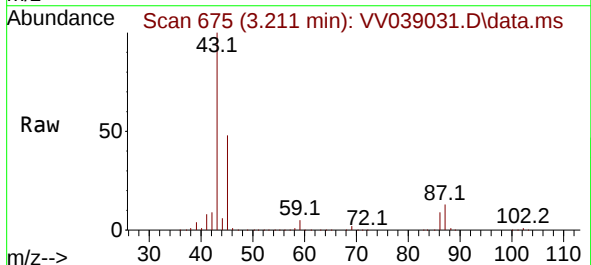
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

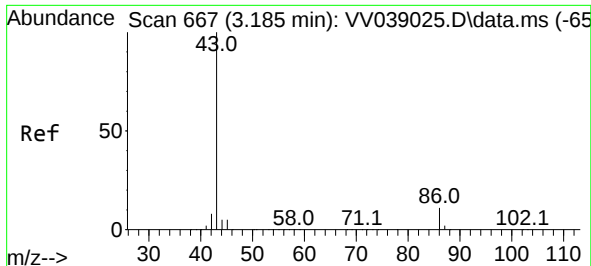
Tgt Ion: 96 Resp: 133175
Ion Ratio Lower Upper
96 100
61 126.1 110.1 165.1
98 60.8 50.2 75.4



#22
Diisopropyl ether
Concen: 20.885 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 45 Resp: 424800
Ion Ratio Lower Upper
45 100
43 210.3 143.0 214.4
87 27.6 23.8 35.6
59 11.1 9.8 14.8

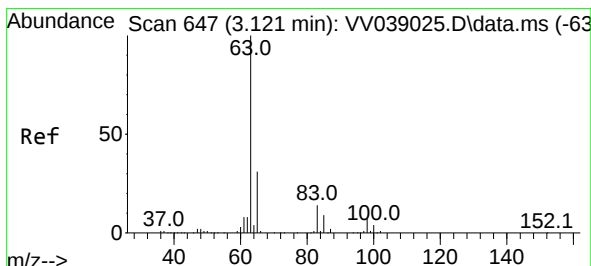
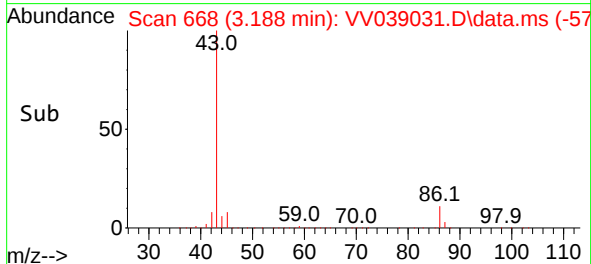
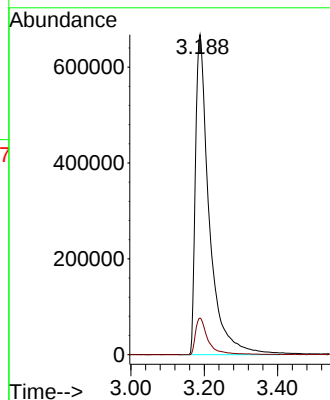
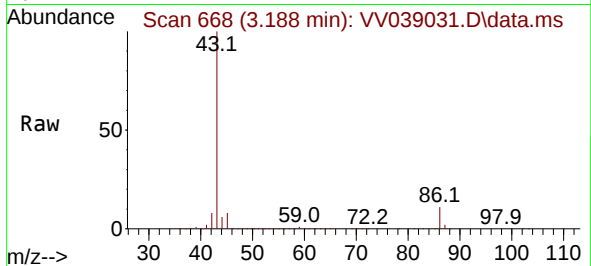




#23
 Vinyl Acetate
 Concen: 103.521 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

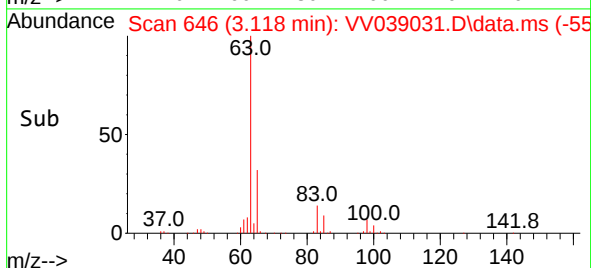
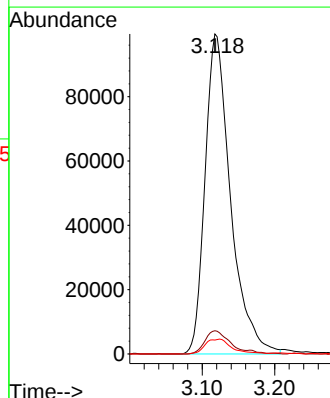
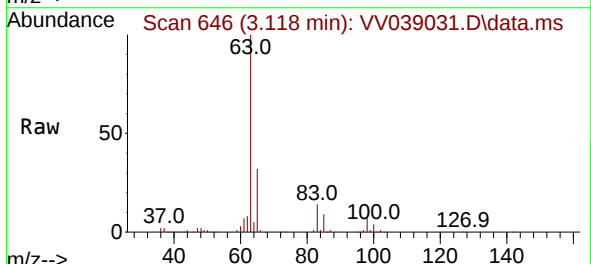
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBSD01

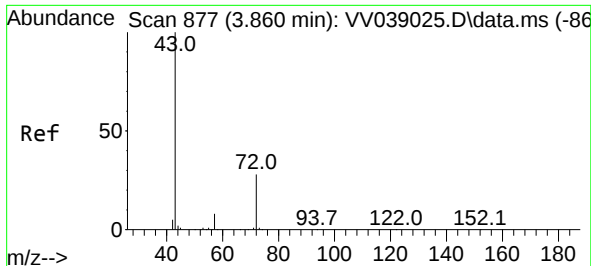
Tgt Ion: 43 Resp: 1745389
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 19.093 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. -0.003 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

Tgt Ion: 63 Resp: 243283
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.4 2.2 6.6

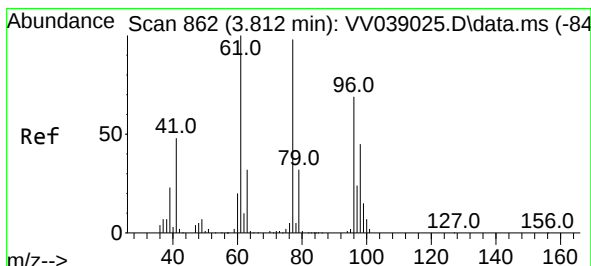
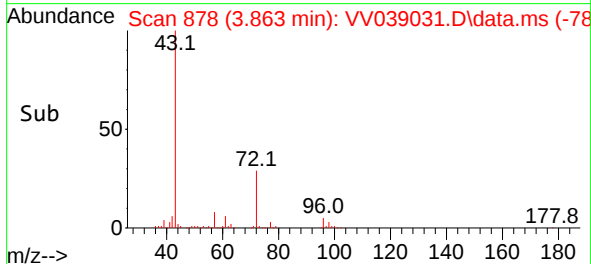
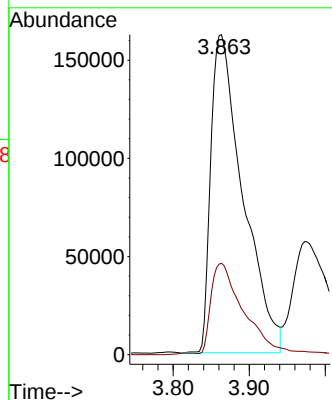
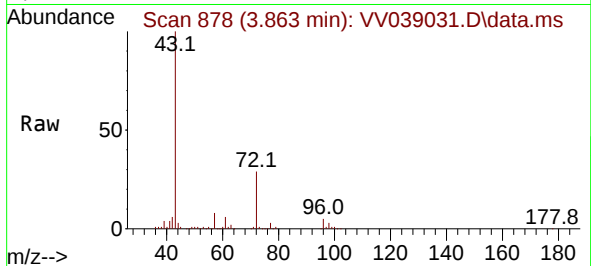




#25
2-Butanone
Concen: 92.669 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

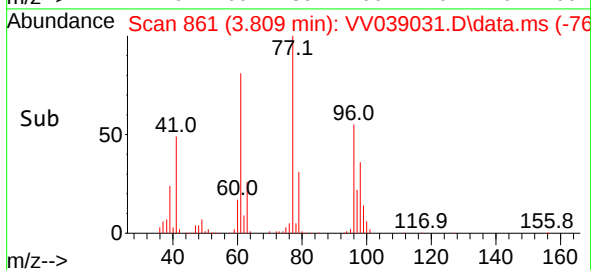
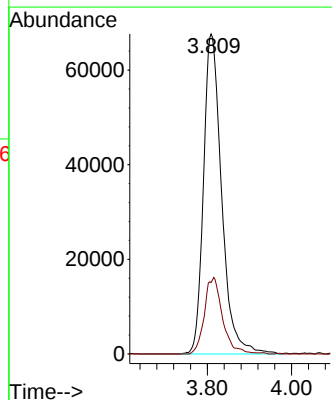
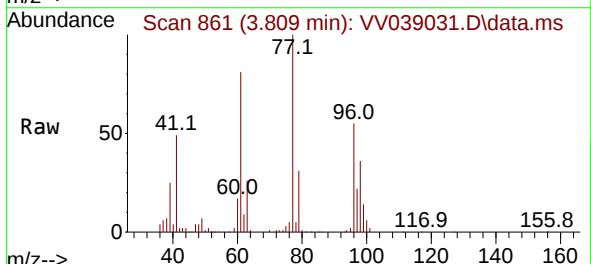
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

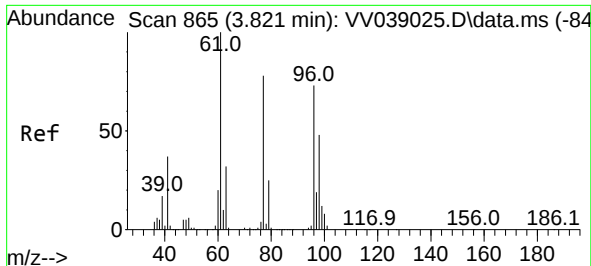
Tgt Ion: 43 Resp: 475101
Ion Ratio Lower Upper
43 100
72 28.4 22.6 33.8



#26
2,2-Dichloropropane
Concen: 18.444 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 77 Resp: 202021
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4

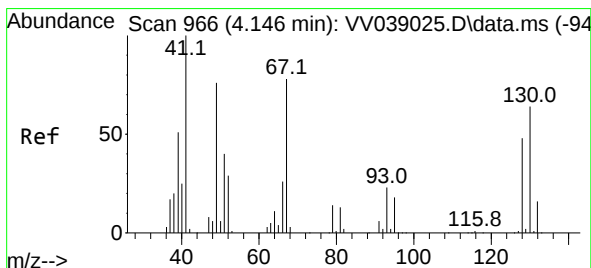
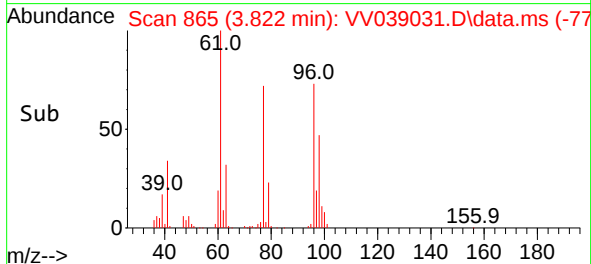
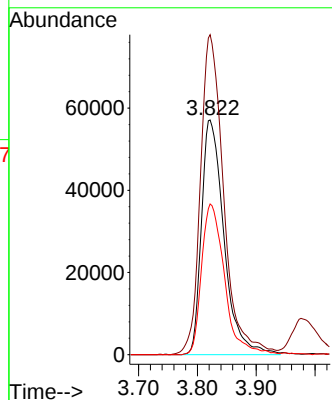
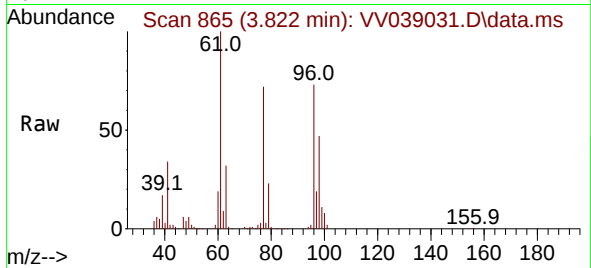




#27
 cis-1,2-Dichloroethene
 Concen: 19.227 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

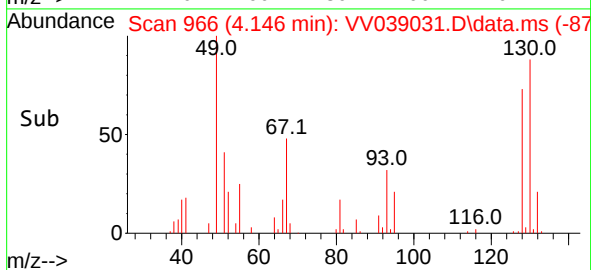
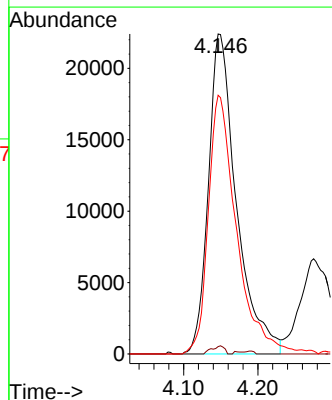
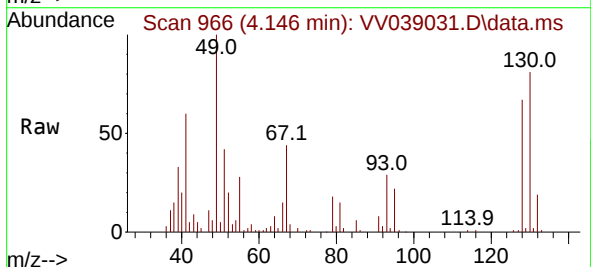
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBSD01

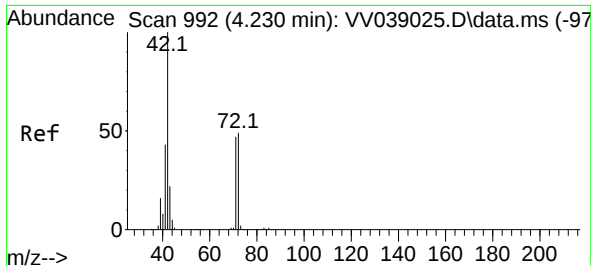
Tgt Ion: 96 Resp: 151668
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 280.8
 98 65.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 18.594 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

Tgt Ion: 49 Resp: 58880
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.4
 130 81.1 64.9 97.3

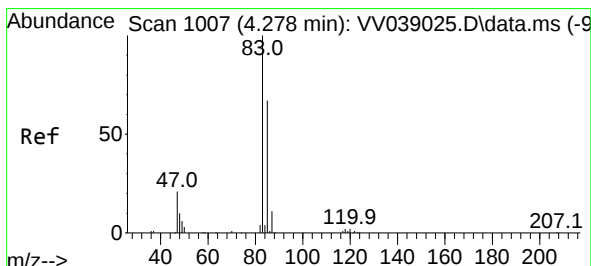
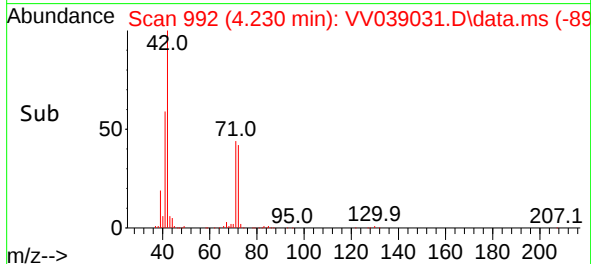
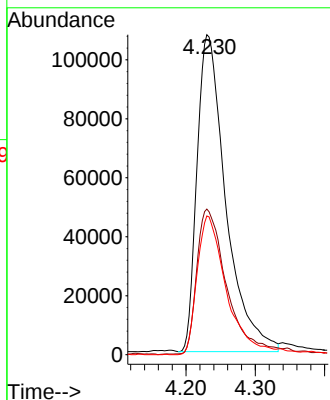
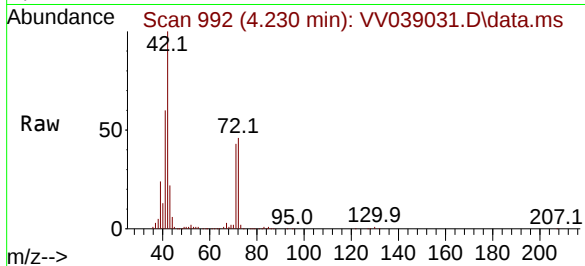




#29
Tetrahydrofuran
Concen: 95.835 ug/l
RT: 4.230 min Scan# 992
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

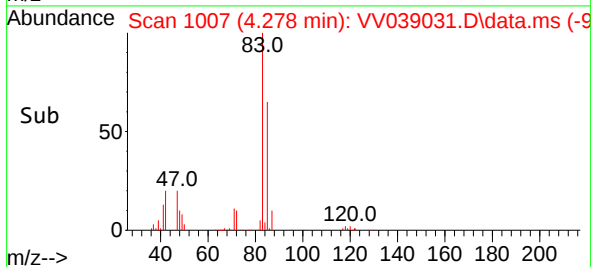
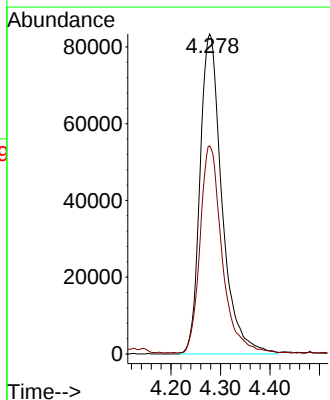
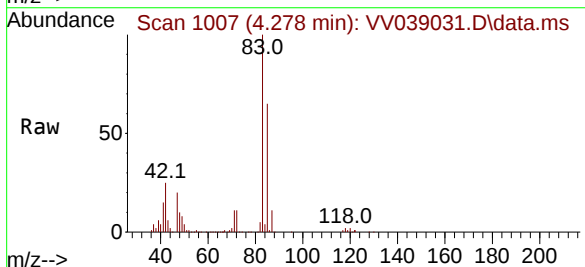
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

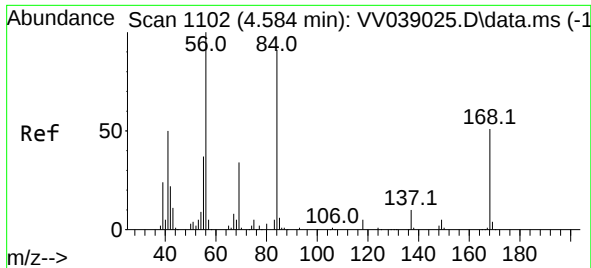
Tgt Ion: 42 Resp: 310616
Ion Ratio Lower Upper
42 100
72 47.6 39.0 58.4
71 44.3 37.0 55.6



#30
Chloroform
Concen: 19.361 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 83 Resp: 256596
Ion Ratio Lower Upper
83 100
85 64.7 53.2 79.8

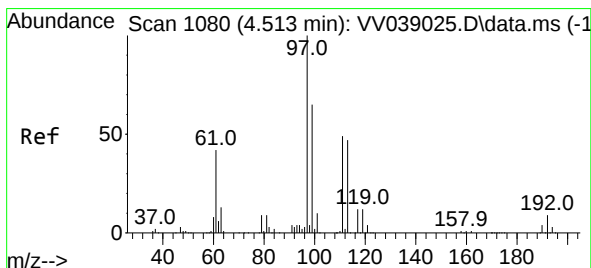
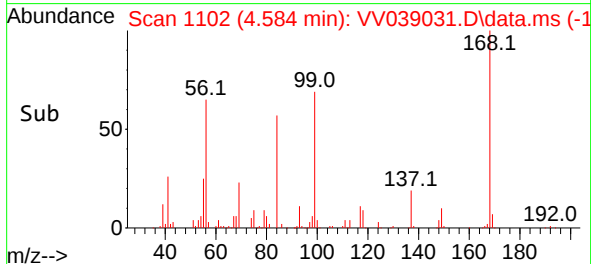
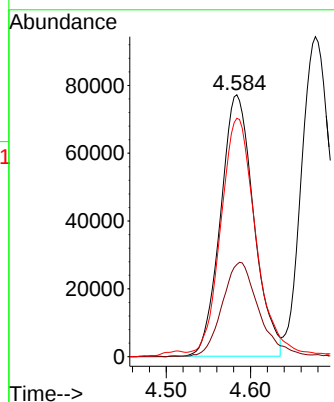
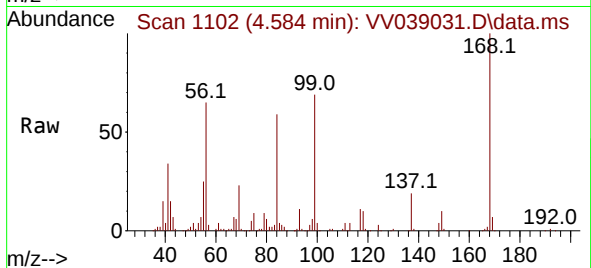




#31
Cyclohexane
Concen: 18.763 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

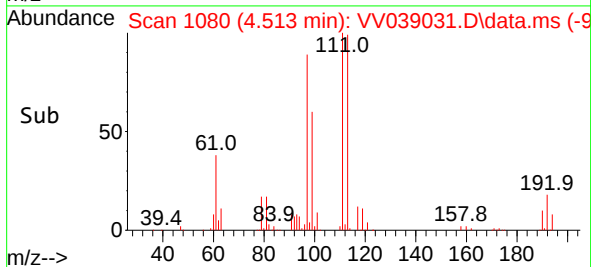
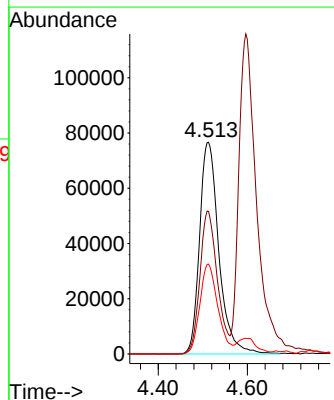
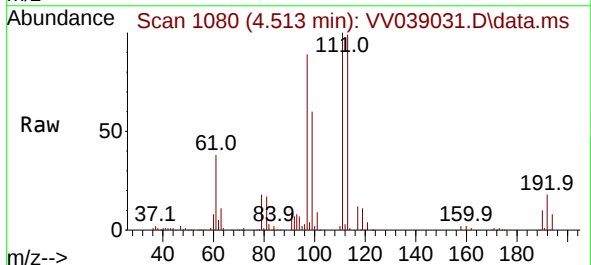
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

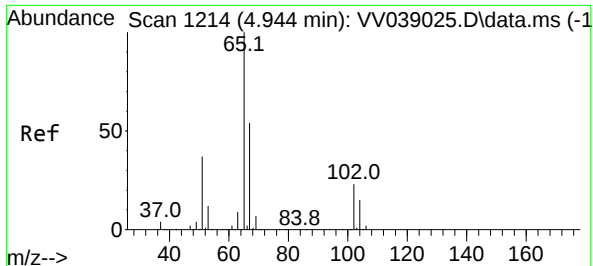
Tgt Ion: 56 Resp: 211446
Ion Ratio Lower Upper
56 100
69 35.1 27.0 40.4
84 89.0 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 19.763 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 97 Resp: 230552
Ion Ratio Lower Upper
97 100
99 61.0 49.8 74.6
61 39.9 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 49.438 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

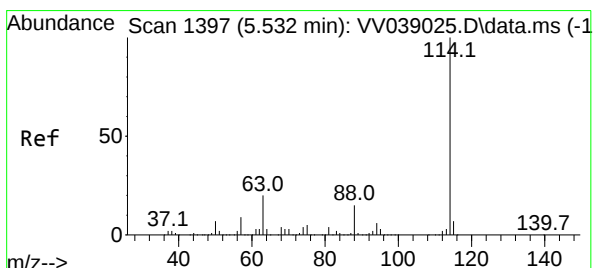
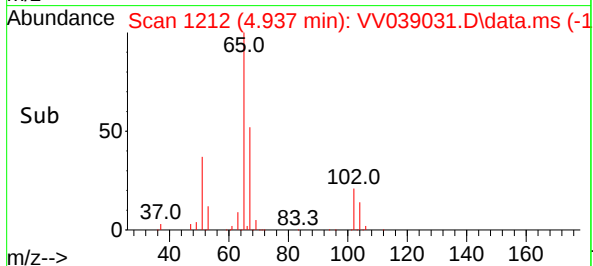
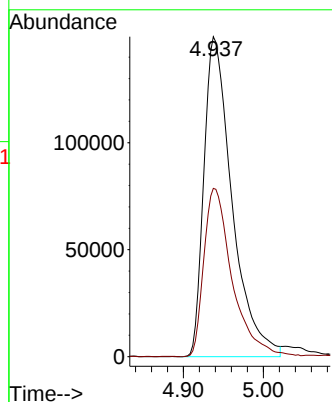
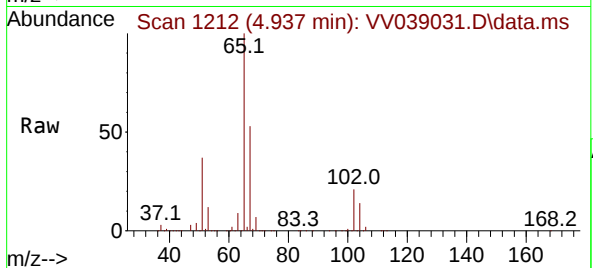
VV0825WBSD01

Tgt Ion: 65 Resp: 366453

Ion Ratio Lower Upper

65 100

67 53.1 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: VV039031.D

Acq: 25 Aug 2025 14:17

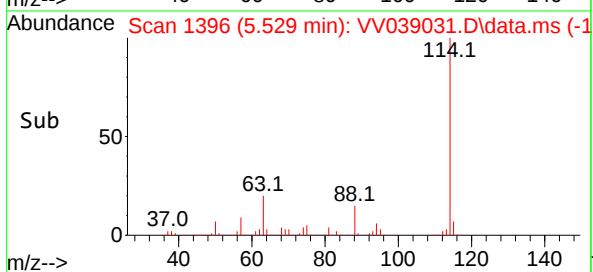
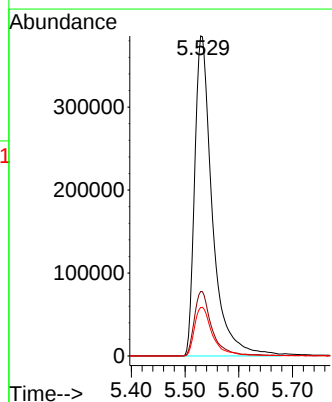
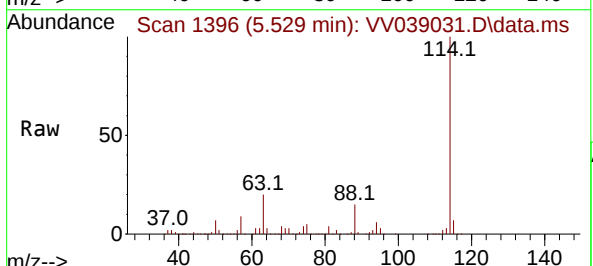
Tgt Ion: 114 Resp: 879395

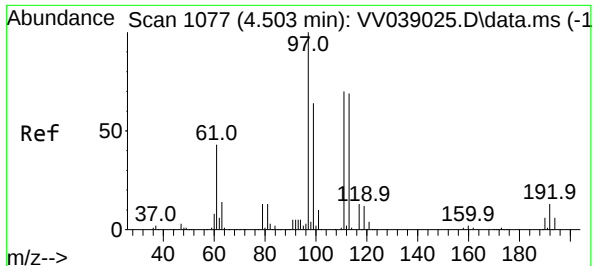
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

88 15.1 0.0 30.6

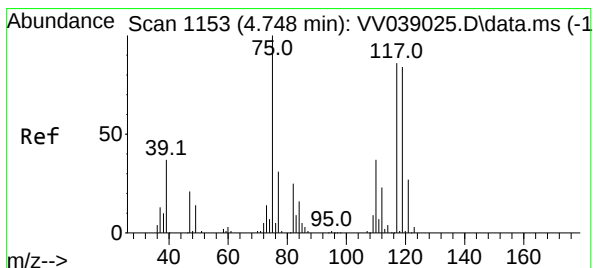
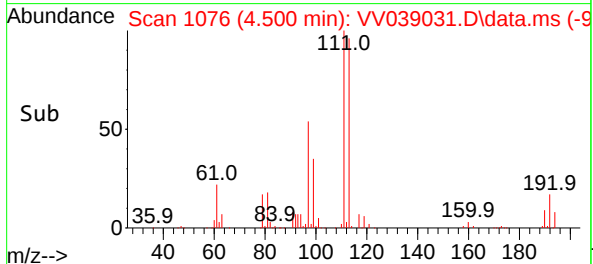
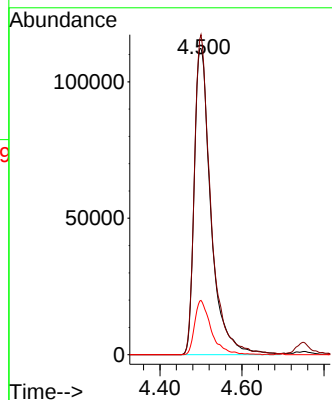
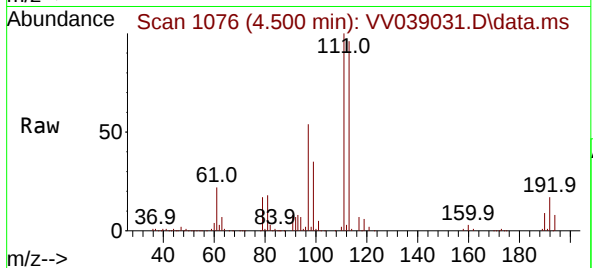




#35
Dibromofluoromethane
Concen: 50.229 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

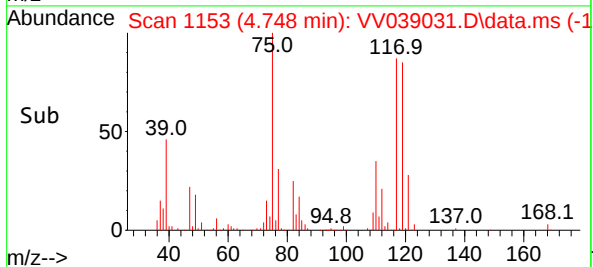
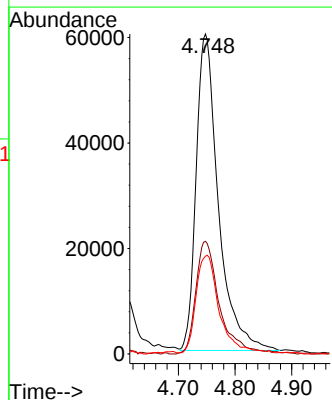
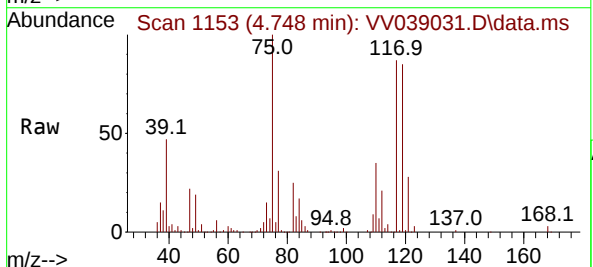
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

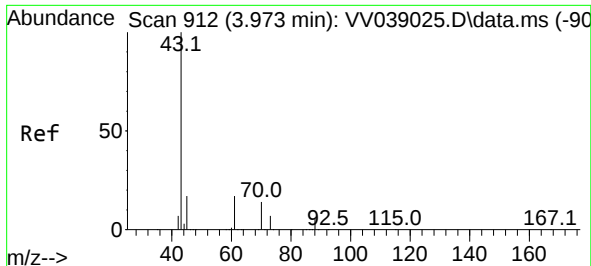
Tgt Ion:113 Resp: 318104
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 17.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 19.233 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 75 Resp: 163704
Ion Ratio Lower Upper
75 100
110 37.5 18.6 55.8
77 31.8 24.6 36.8





#37

Ethyl Acetate

Concen: 19.285 ug/l

RT: 3.973 min Scan# 912

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

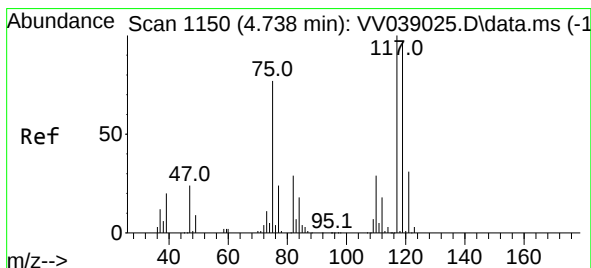
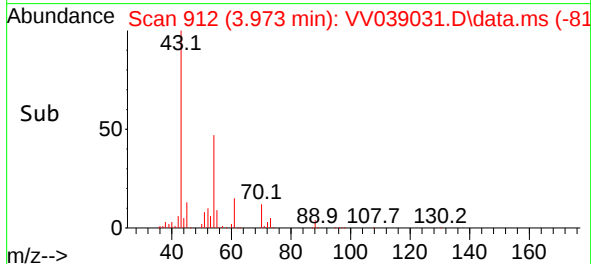
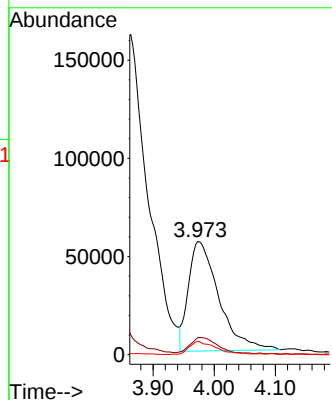
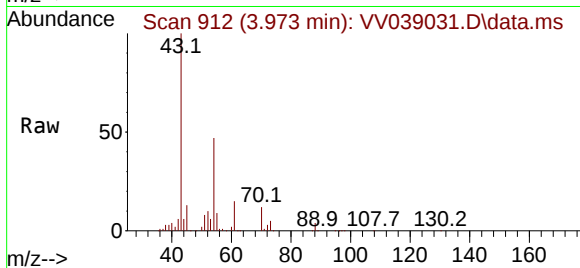
Tgt Ion: 43 Resp: 192655

Ion Ratio Lower Upper

43 100

61 12.4 10.6 16.0

70 10.5 8.6 13.0



#38

Carbon Tetrachloride

Concen: 19.126 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

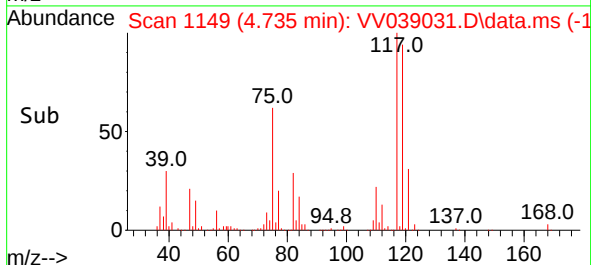
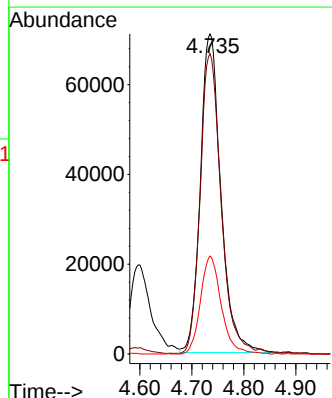
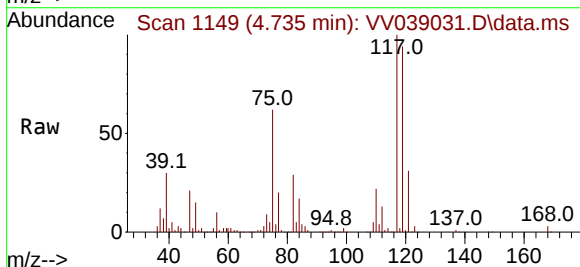
Tgt Ion: 117 Resp: 194940

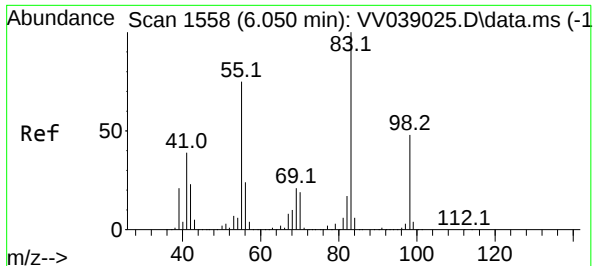
Ion Ratio Lower Upper

117 100

119 94.1 77.8 116.6

121 30.8 24.9 37.3





#39

Methylcyclohexane

Concen: 19.837 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

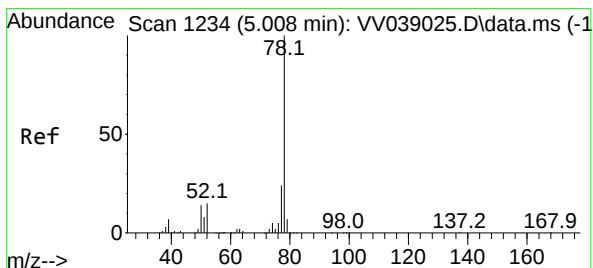
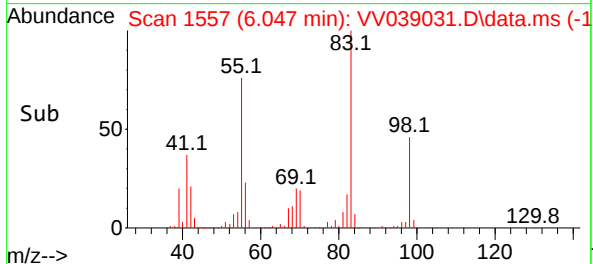
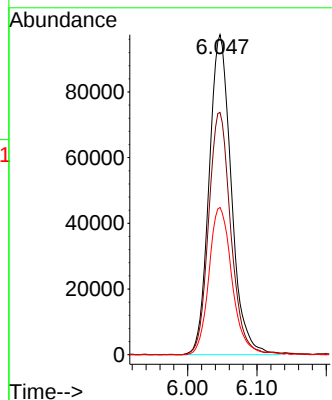
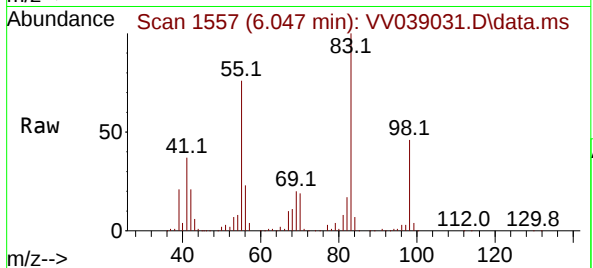
Tgt Ion: 83 Resp: 216743

Ion Ratio Lower Upper

83 100

55 75.7 59.8 89.6

98 46.0 38.2 57.2



#40

Benzene

Concen: 19.709 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039031.D

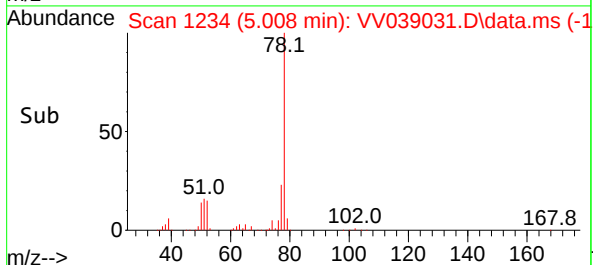
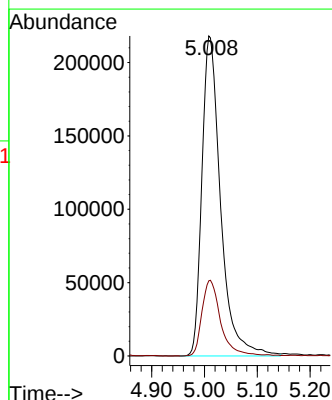
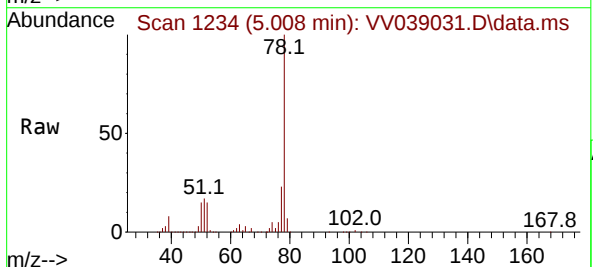
Acq: 25 Aug 2025 14:17

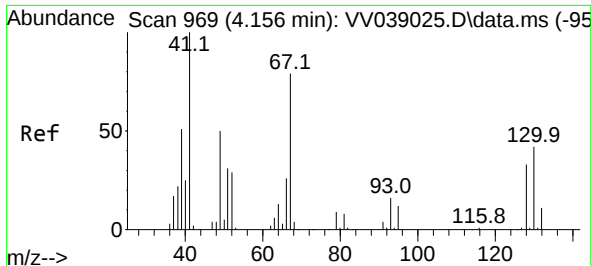
Tgt Ion: 78 Resp: 536098

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



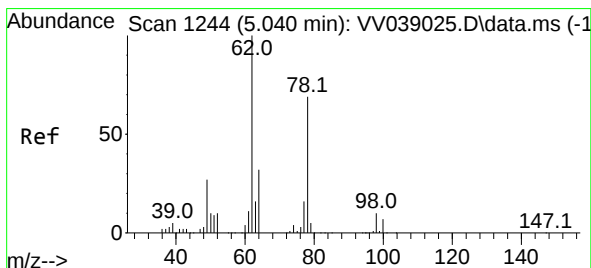
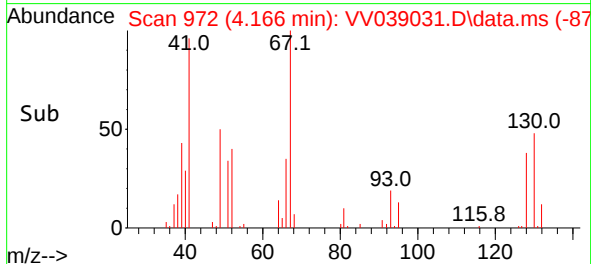
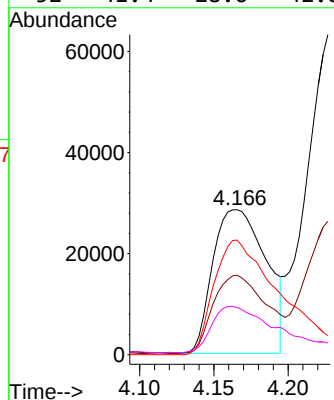
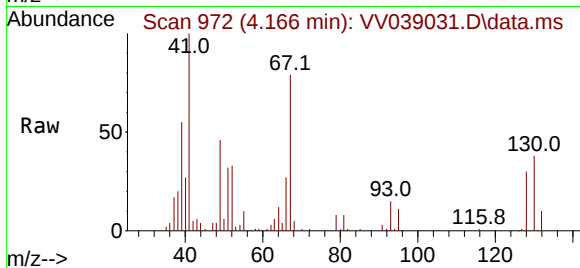


#41
Methacrylonitrile
Concen: 18.151 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

Tgt Ion: 41 Resp: 71070

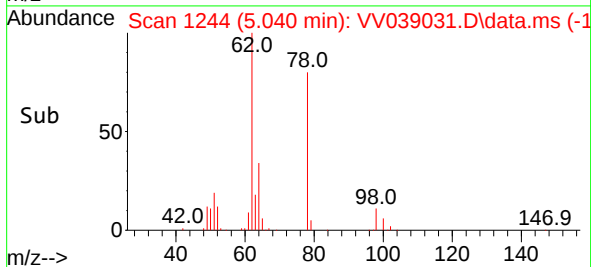
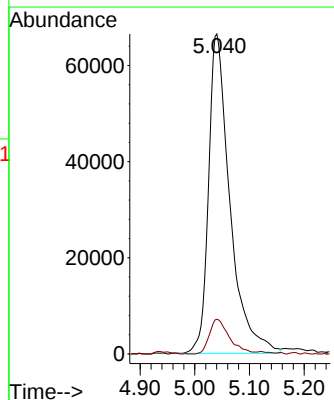
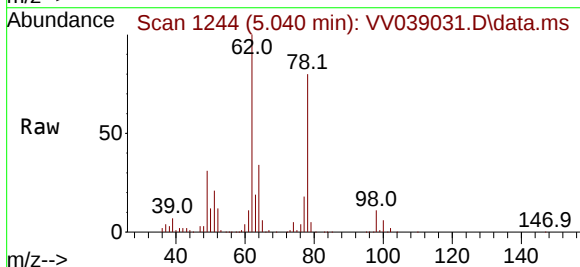
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.7	64.1
67	105.0	74.5	111.7
52	41.4	28.6	42.8

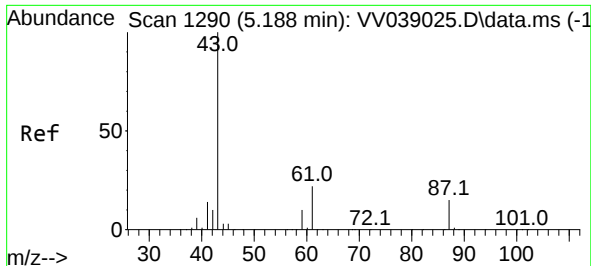


#42
1,2-Dichloroethane
Concen: 19.017 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 62 Resp: 180373

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8

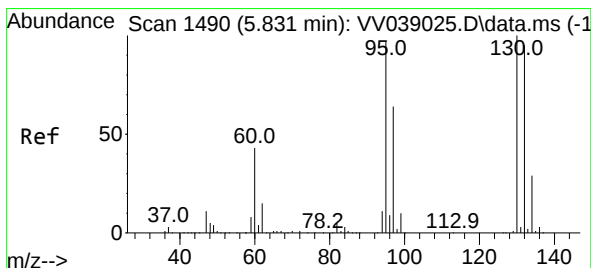
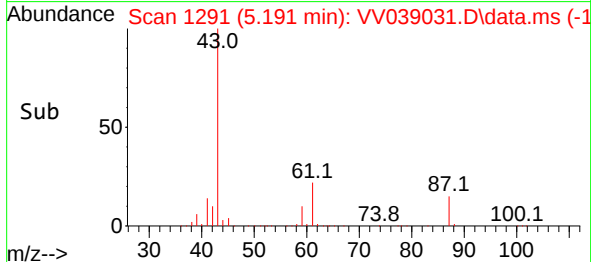
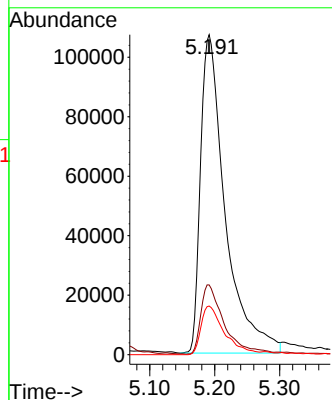
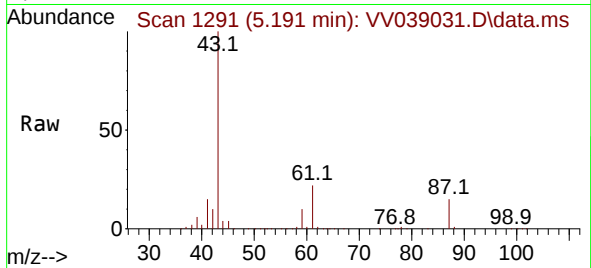




#43
Isopropyl Acetate
Concen: 19.937 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

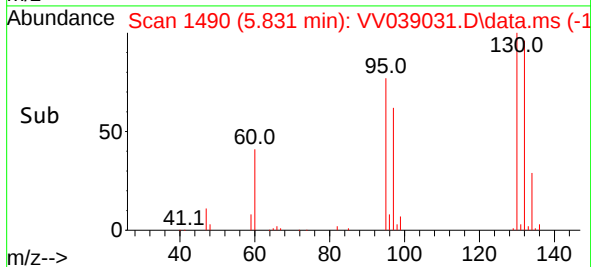
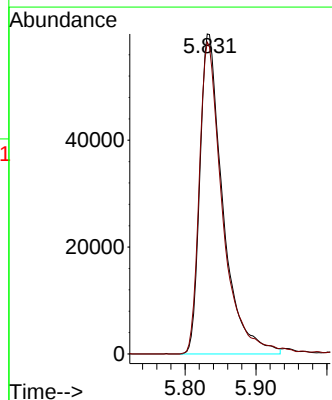
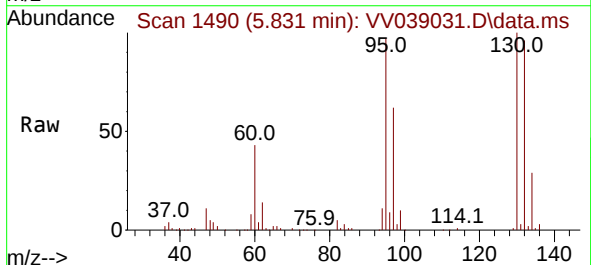
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

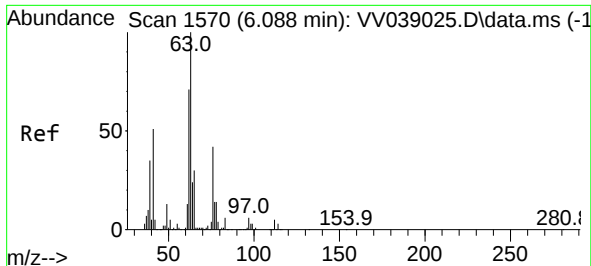
Tgt Ion: 43 Resp: 283382
Ion Ratio Lower Upper
43 100
61 20.5 16.6 25.0
87 14.5 11.7 17.5



#44
Trichloroethene
Concen: 19.719 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion:130 Resp: 134674
Ion Ratio Lower Upper
130 100
95 97.2 0.0 194.4





#45

1,2-Dichloropropane

Concen: 18.424 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

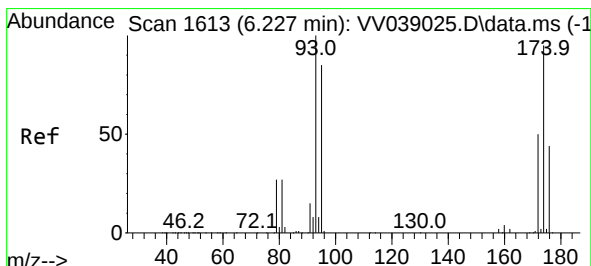
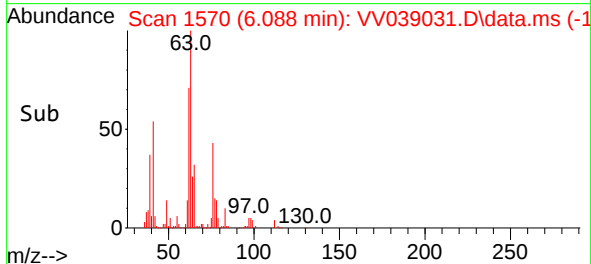
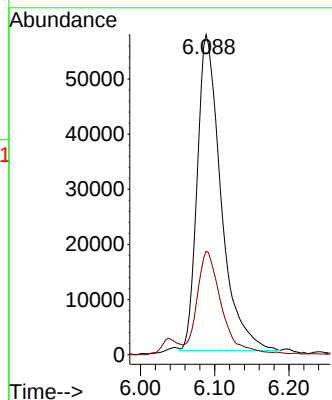
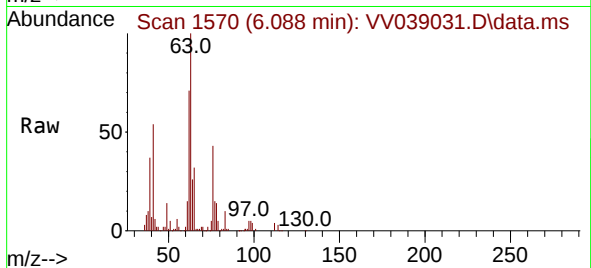
VV0825WBSD01

Tgt Ion: 63 Resp: 127400

Ion Ratio Lower Upper

63 100

65 32.2 24.2 36.4



#46

Dibromomethane

Concen: 19.698 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

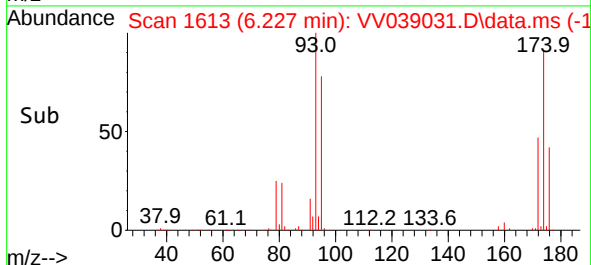
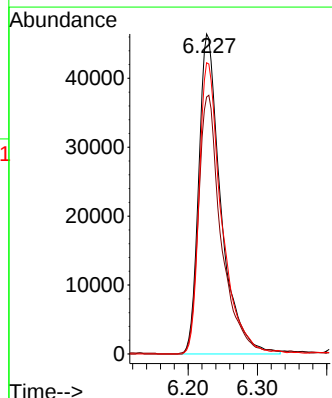
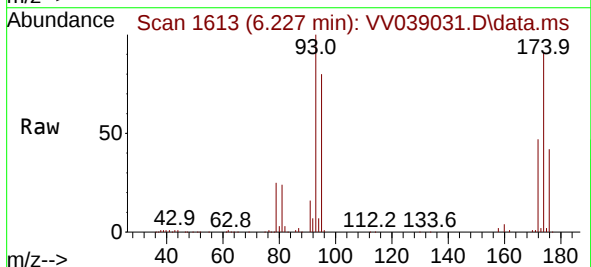
Tgt Ion: 93 Resp: 103299

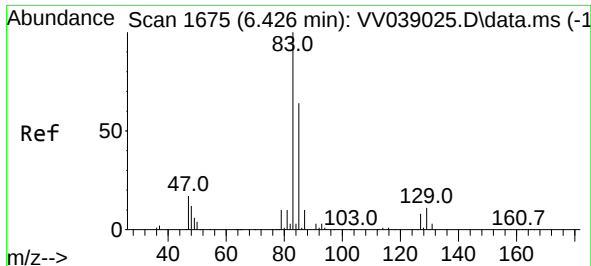
Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

174 92.1 73.5 110.3

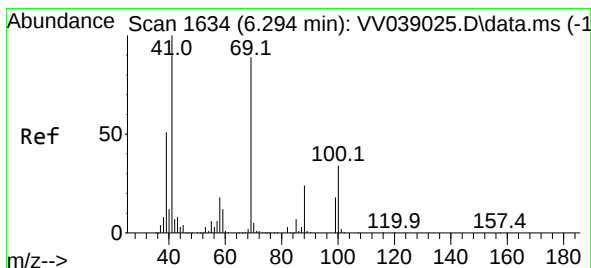
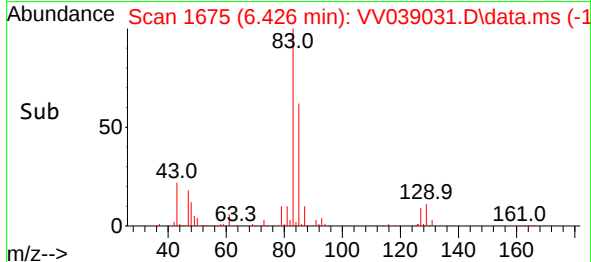
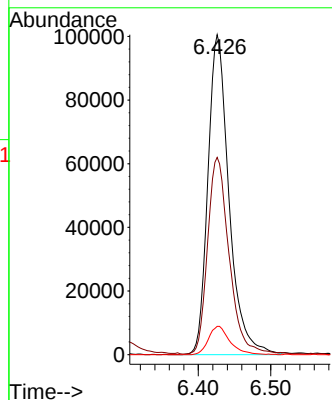
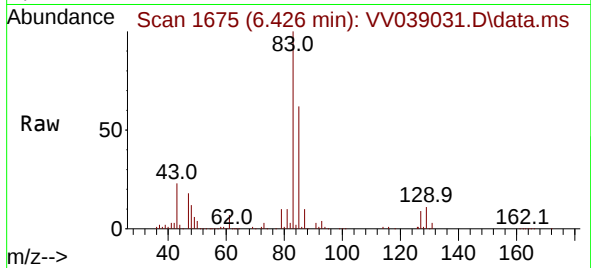




#47
Bromodichloromethane
Concen: 18.816 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

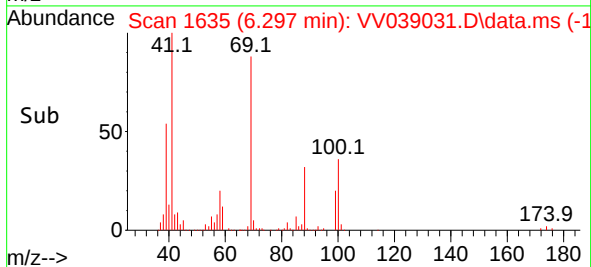
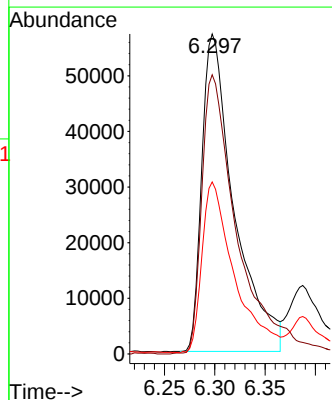
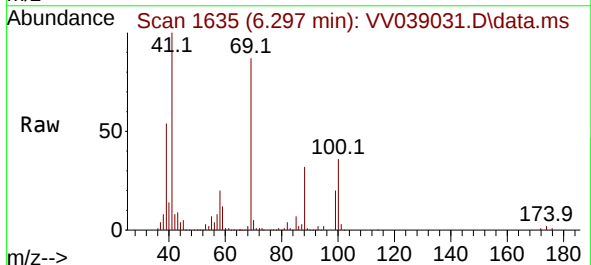
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

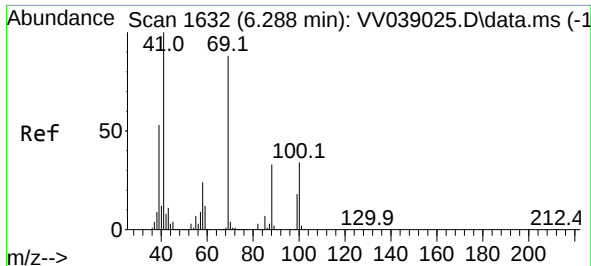
Tgt Ion: 83 Resp: 203318
Ion Ratio Lower Upper
83 100
85 61.3 51.0 76.4
127 8.8 6.7 10.1



#48
Methyl methacrylate
Concen: 18.407 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 41 Resp: 127714
Ion Ratio Lower Upper
41 100
69 96.8 73.5 110.3
39 53.9 41.3 61.9

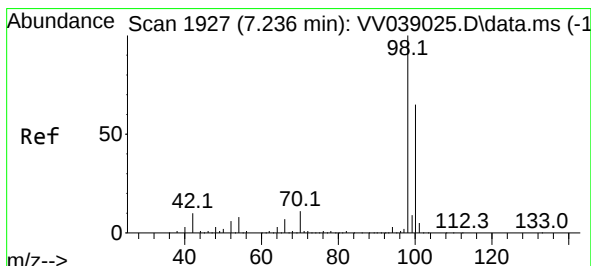
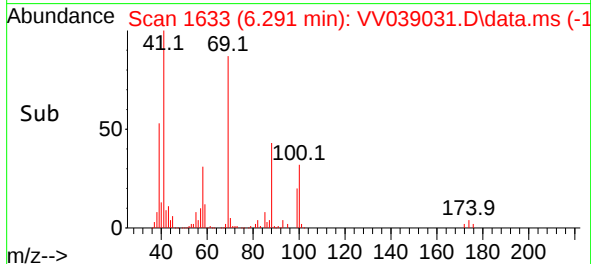
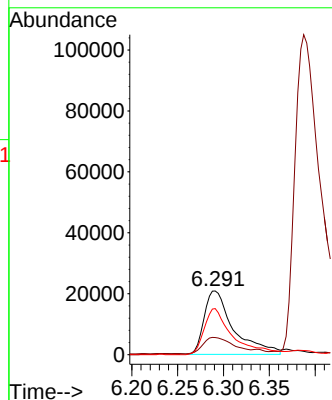
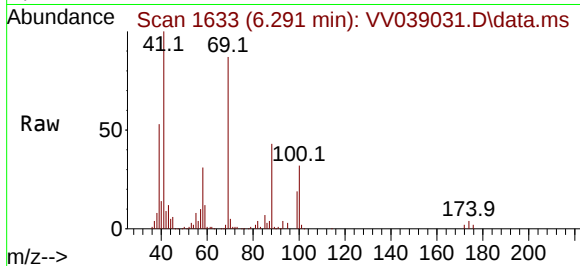




#49
1,4-Dioxane
Concen: 396.182 ug/l
RT: 6.291 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

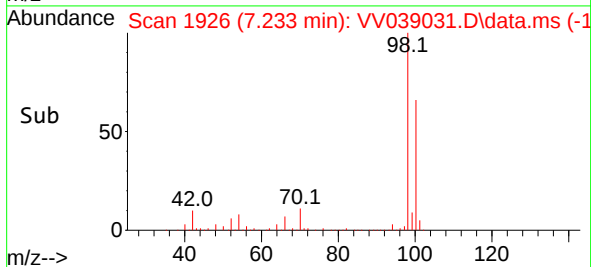
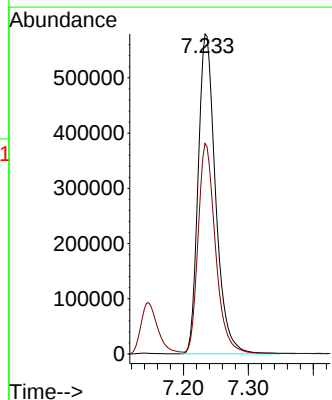
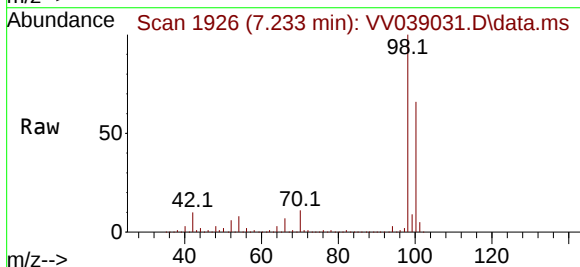
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

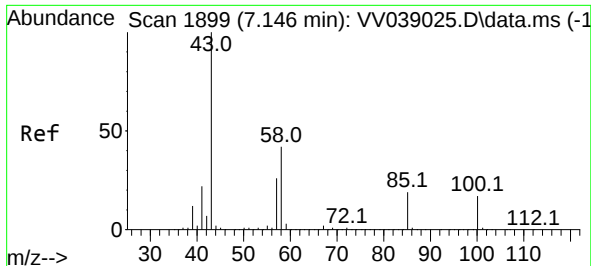
Tgt Ion: 88 Resp: 46475
Ion Ratio Lower Upper
88 100
43 26.4 25.4 38.2
58 70.4 58.4 87.6



#50
Toluene-d8
Concen: 48.161 ug/l
RT: 7.233 min Scan# 1926
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 98 Resp: 1079933
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0

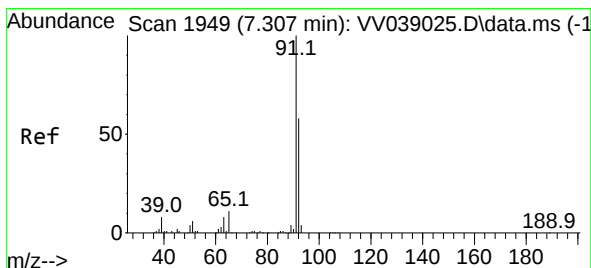
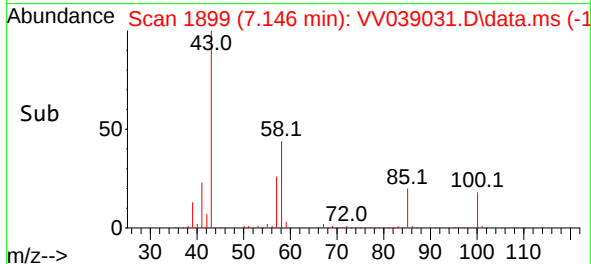
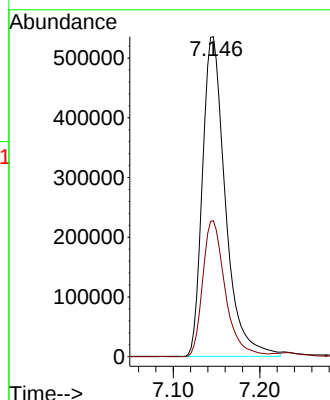
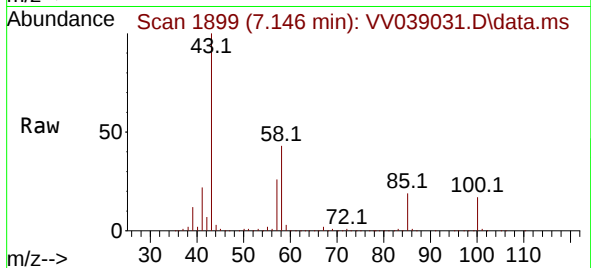




#51
4-Methyl-2-Pentanone
Concen: 98.398 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

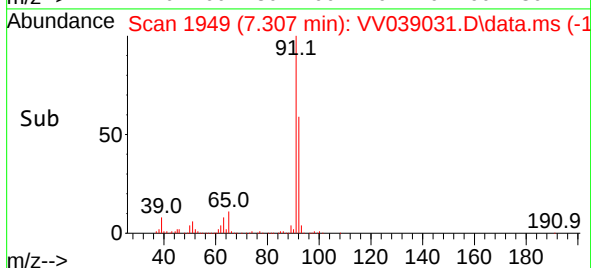
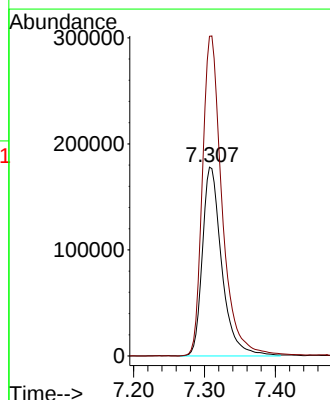
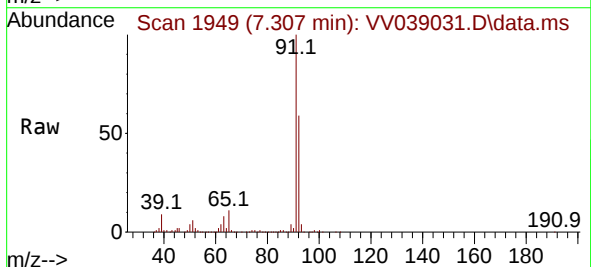
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

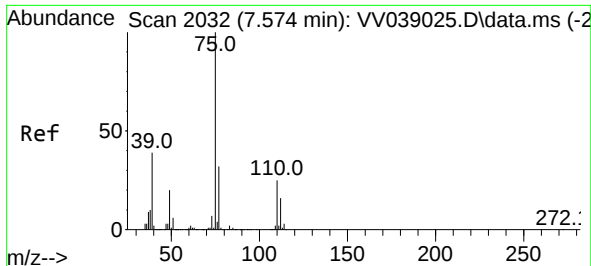
Tgt Ion: 43 Resp: 983773
Ion Ratio Lower Upper
43 100
58 41.9 33.2 49.8



#52
Toluene
Concen: 19.521 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 92 Resp: 338670
Ion Ratio Lower Upper
92 100
91 172.6 137.8 206.8

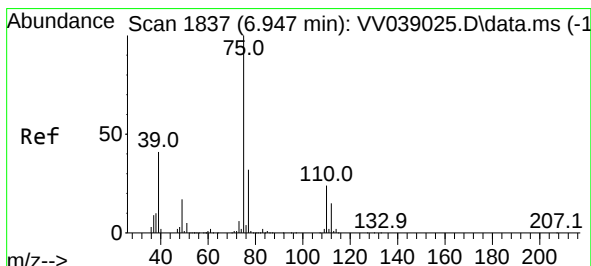
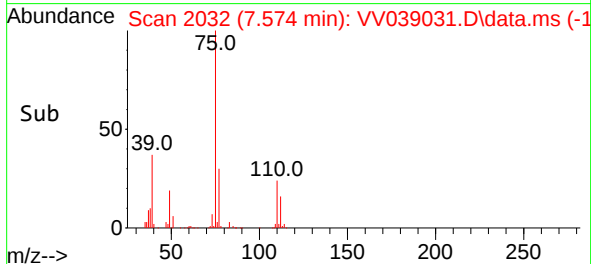
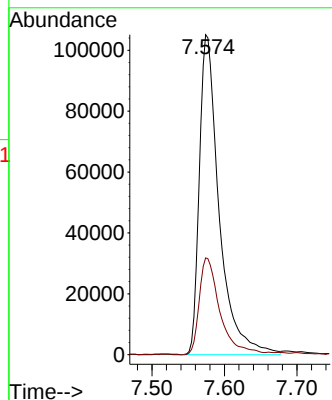
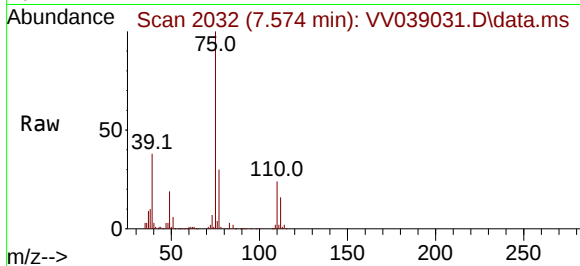




#53
 t-1,3-Dichloropropene
 Concen: 19.200 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

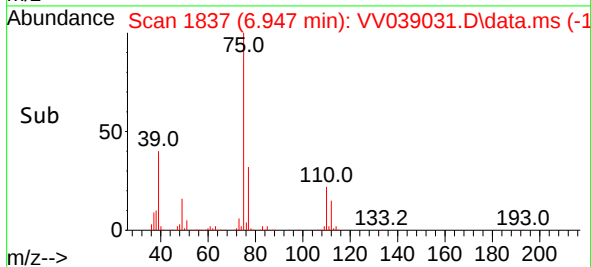
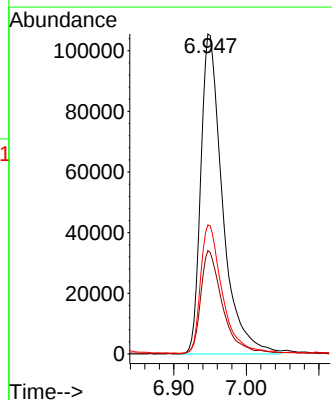
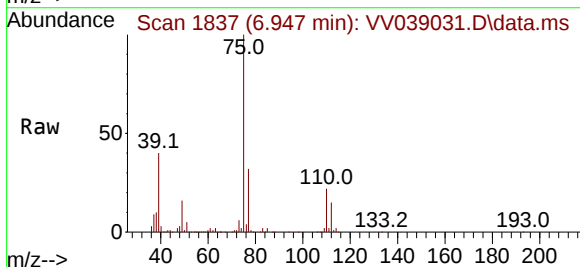
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBSD01

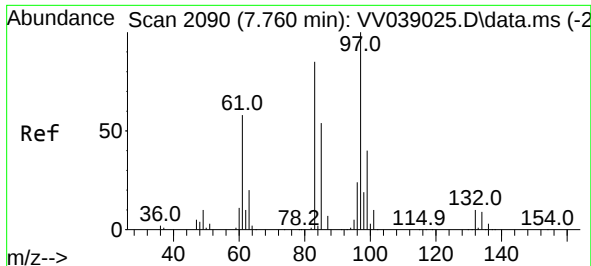
Tgt Ion: 75 Resp: 199164
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.747 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

Tgt Ion: 75 Resp: 220049
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 40.2 32.5 48.7

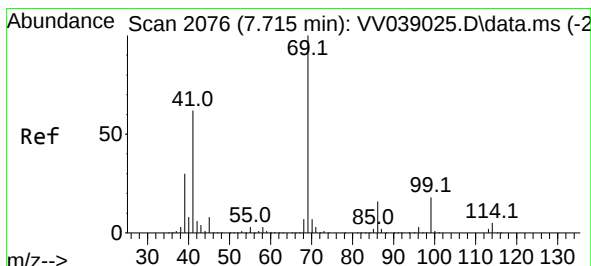
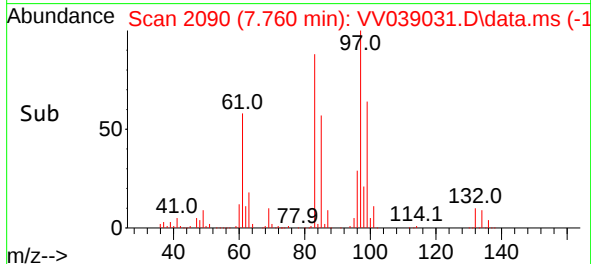
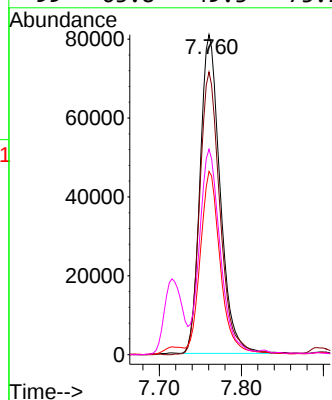
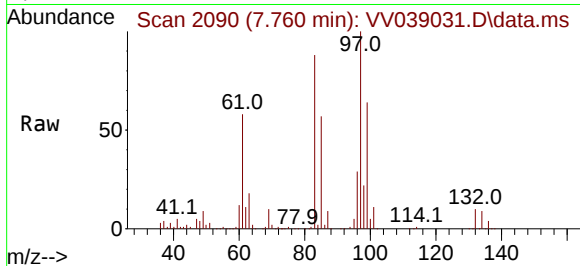




#55
 1,1,2-Trichloroethane
 Concen: 18.968 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

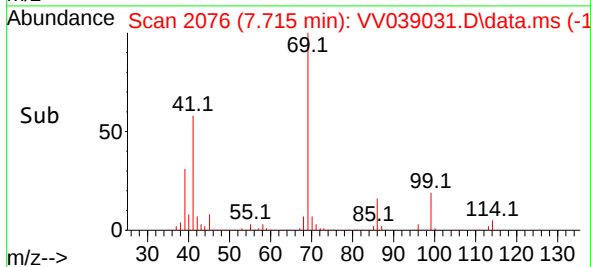
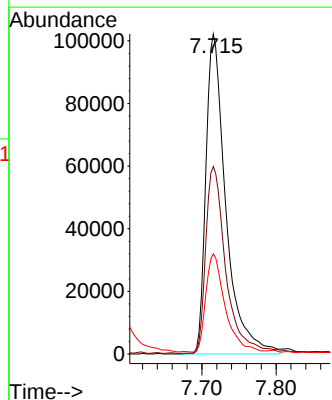
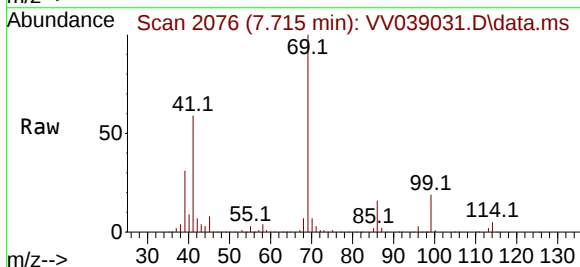
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBSD01

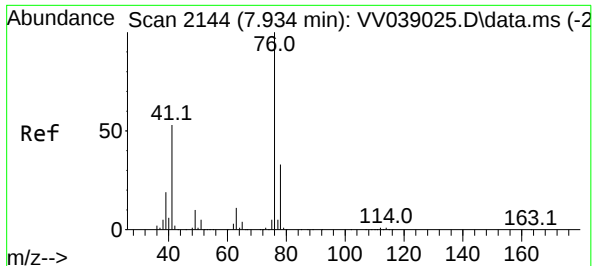
Tgt Ion:	97	Resp:	137287
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.1	102.1
85	57.0	44.5	66.7
99	63.8	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 19.892 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

Tgt Ion:	69	Resp:	190974
Ion	Ratio	Lower	Upper
69	100		
41	59.1	49.4	74.2
39	29.5	24.0	36.0





#57

1,3-Dichloropropane

Concen: 19.445 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

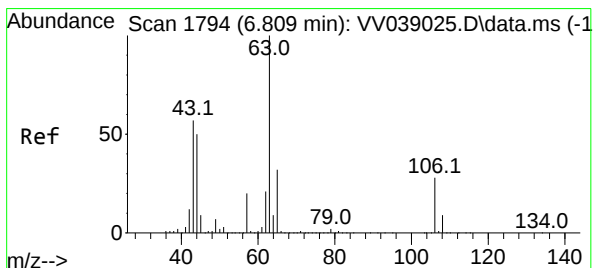
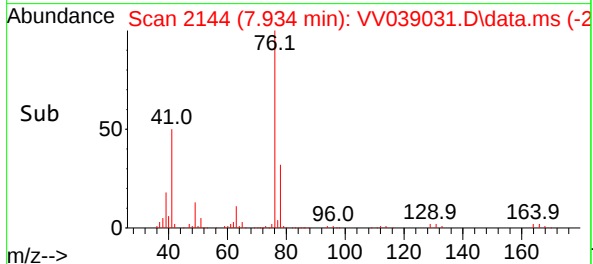
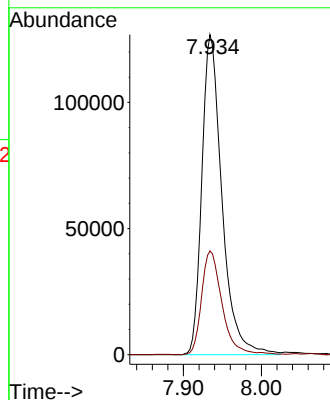
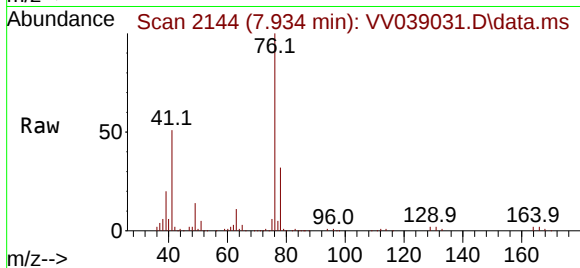
VV0825WBSD01

Tgt Ion: 76 Resp: 227194

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 95.624 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039031.D

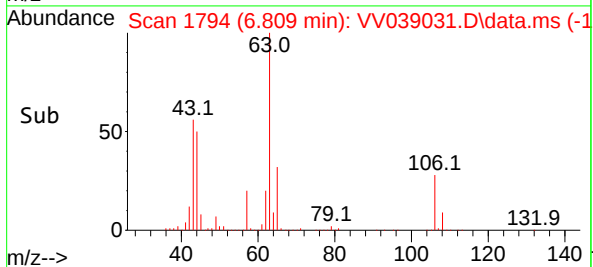
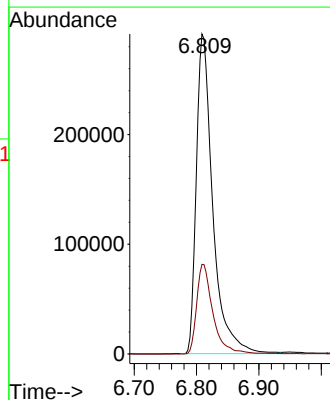
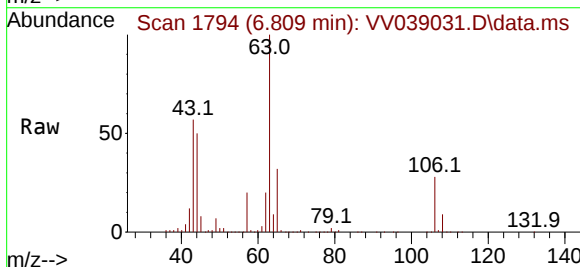
Acq: 25 Aug 2025 14:17

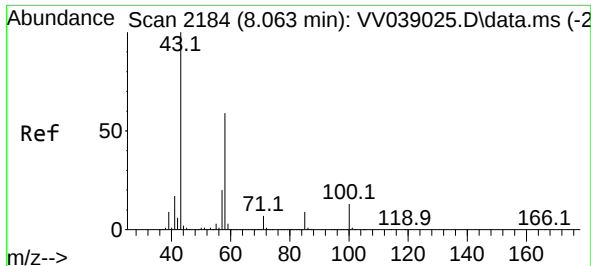
Tgt Ion: 63 Resp: 533052

Ion Ratio Lower Upper

63 100

106 27.7 22.3 33.5

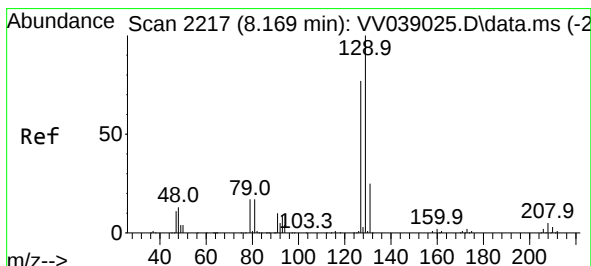
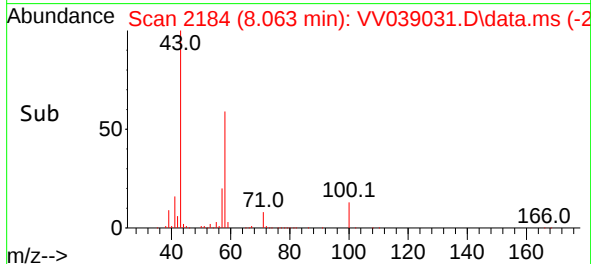
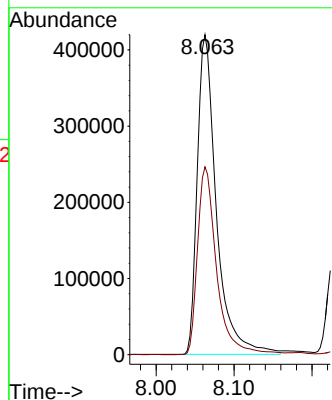
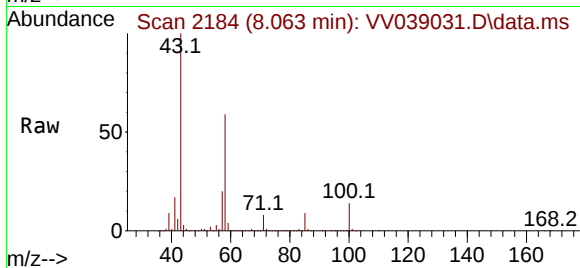




#59
2-Hexanone
Concen: 96.376 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

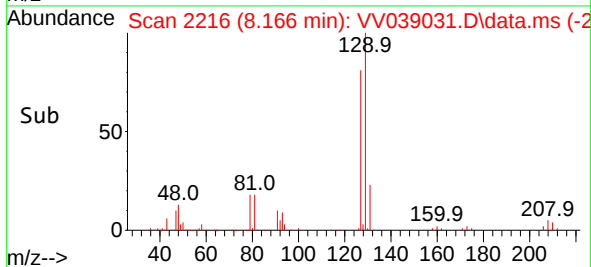
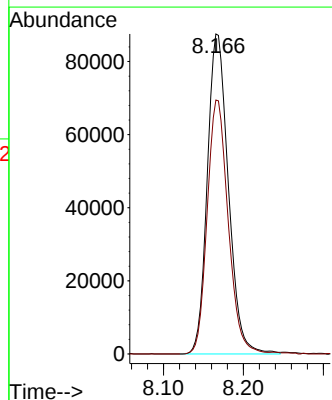
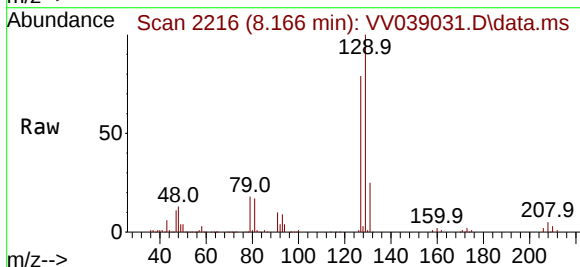
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

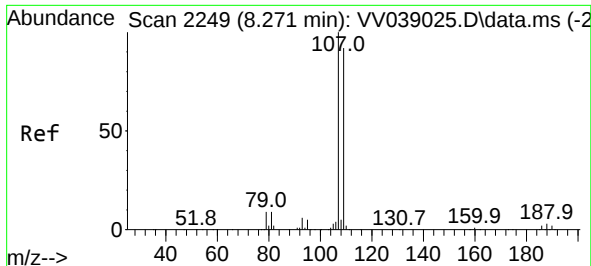
Tgt Ion: 43 Resp: 714958
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4



#60
Dibromochloromethane
Concen: 19.164 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 129 Resp: 160459
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0

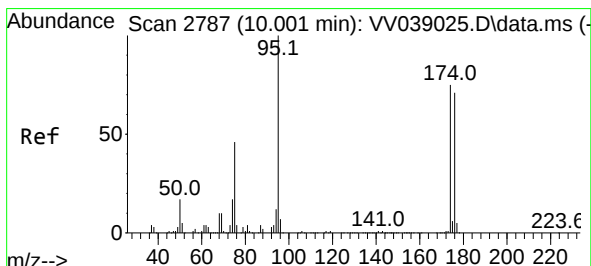
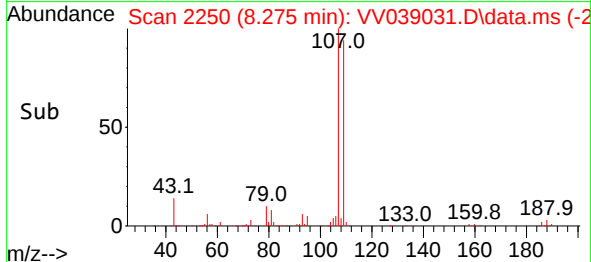
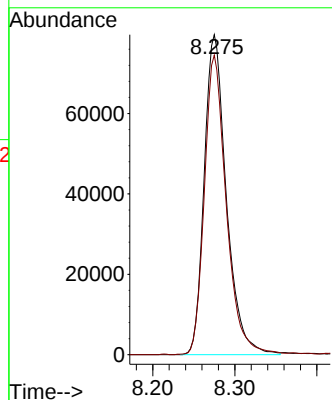
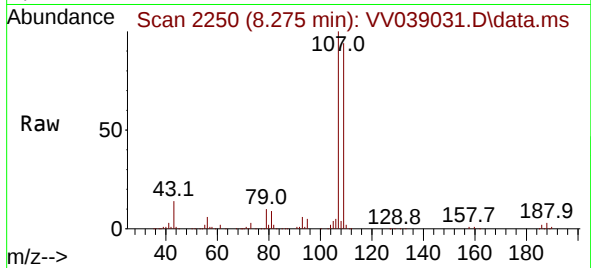




#61
1,2-Dibromoethane
Concen: 19.976 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

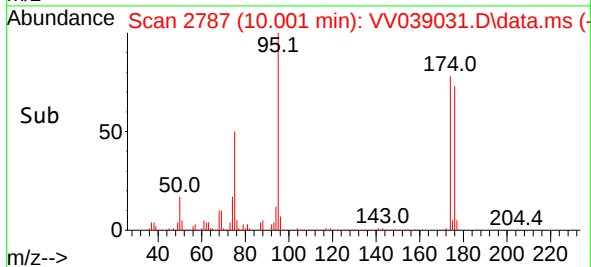
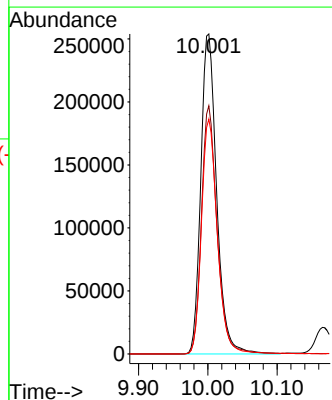
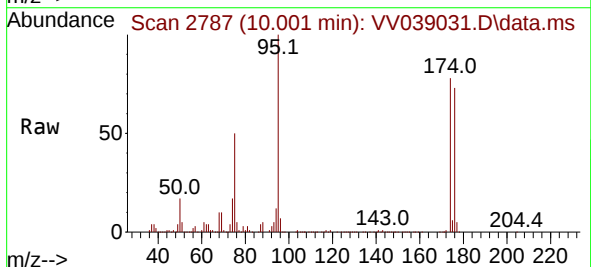
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

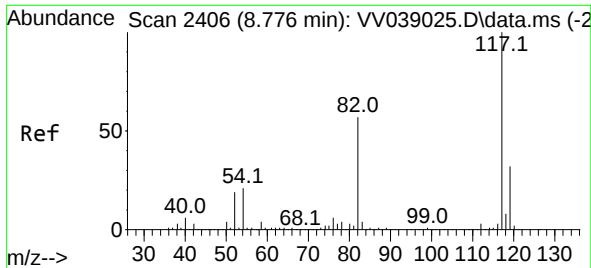
Tgt Ion:107 Resp: 149226
Ion Ratio Lower Upper
107 100
109 92.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.184 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 95 Resp: 404105
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.4
176 73.5 0.0 144.2

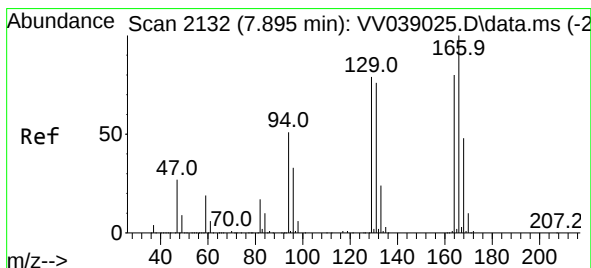
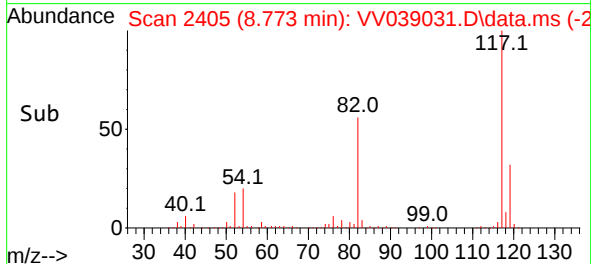
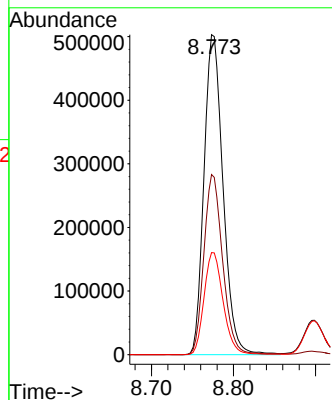
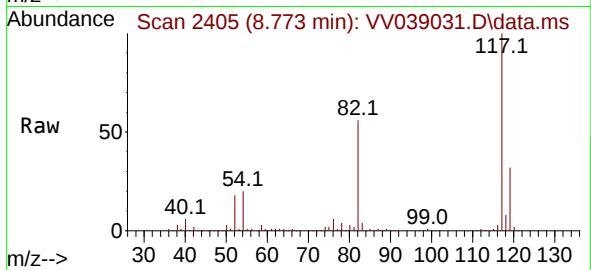




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

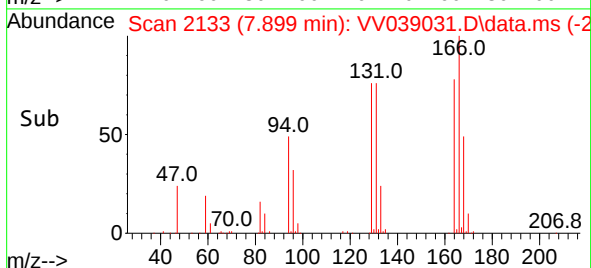
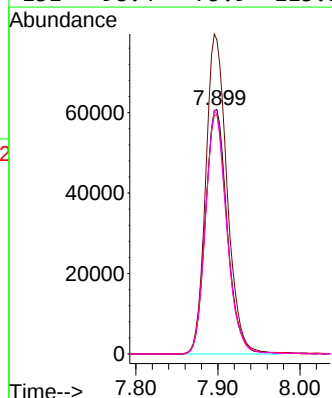
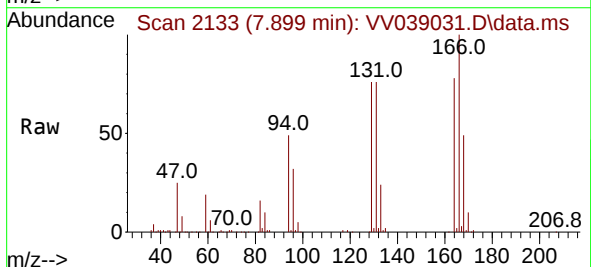
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

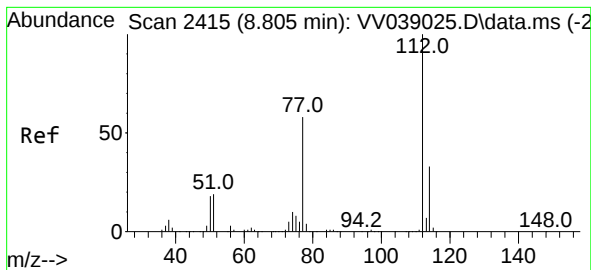
Tgt Ion:117 Resp: 811326
Ion Ratio Lower Upper
117 100
82 56.3 45.6 68.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 19.437 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion:164 Resp: 112108
Ion Ratio Lower Upper
164 100
166 128.7 99.7 149.5
129 98.2 78.5 117.7
131 98.4 75.9 113.9





#65

Chlorobenzene

Concen: 19.529 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

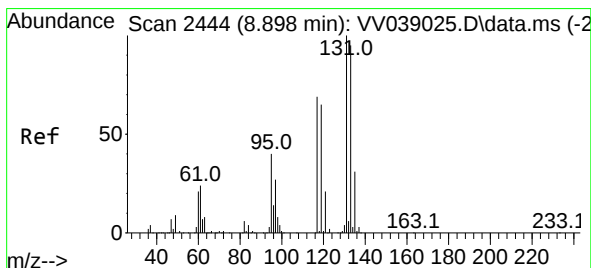
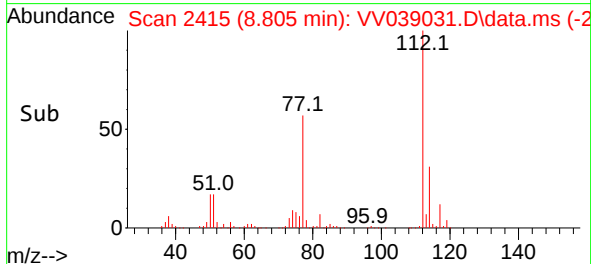
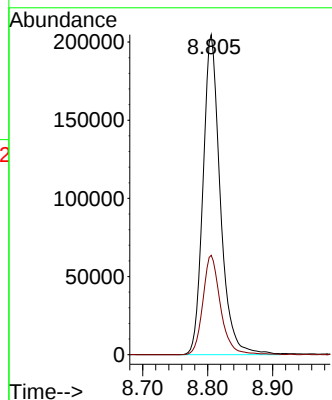
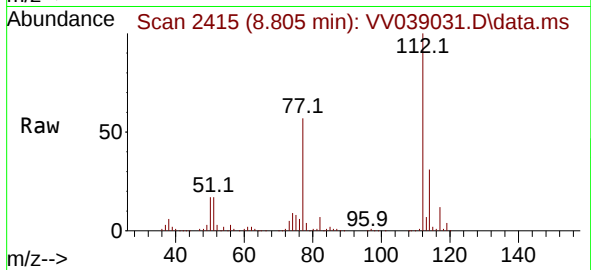
VV0825WBSD01

Tgt Ion:112 Resp: 379138

Ion Ratio Lower Upper

112 100

114 31.0 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.716 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

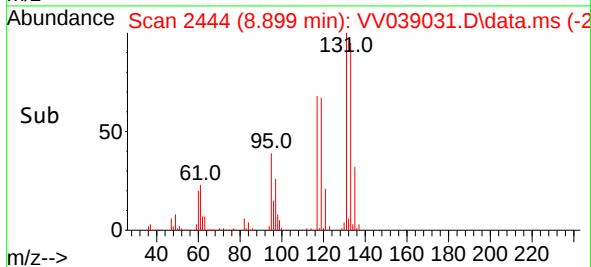
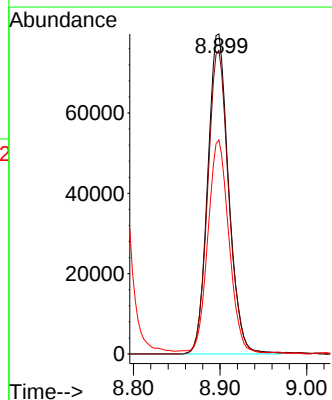
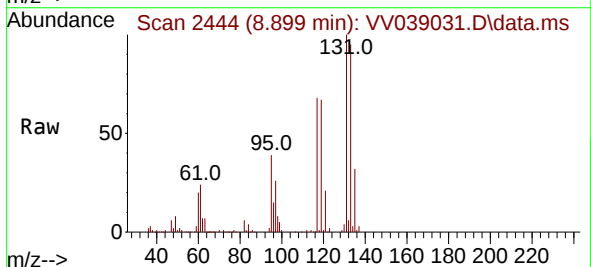
Tgt Ion:131 Resp: 133642

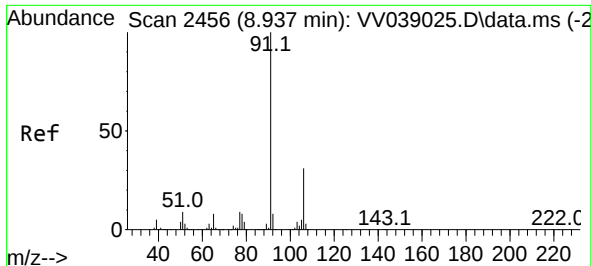
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.9

119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 19.890 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

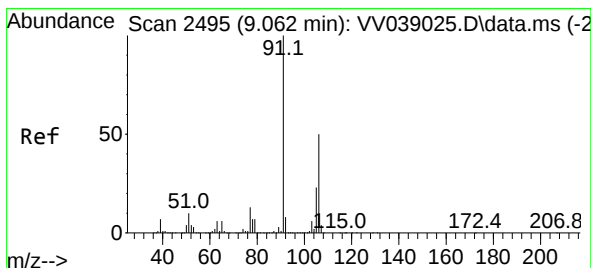
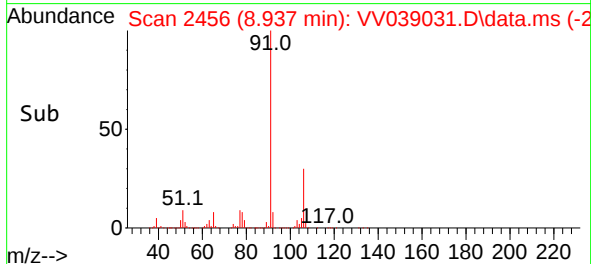
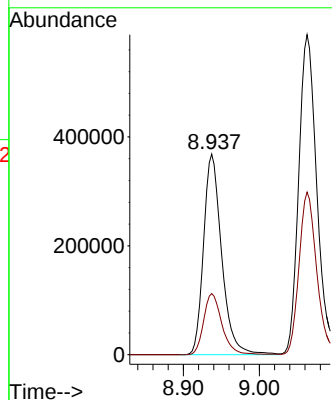
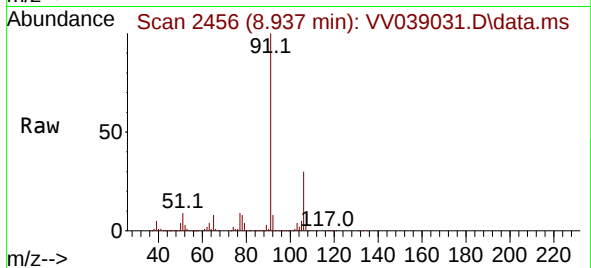
VV0825WBSD01

Tgt Ion: 91 Resp: 610923

Ion Ratio Lower Upper

91 100

106 30.5 24.6 37.0



#68

m/p-Xylenes

Concen: 41.161 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039031.D

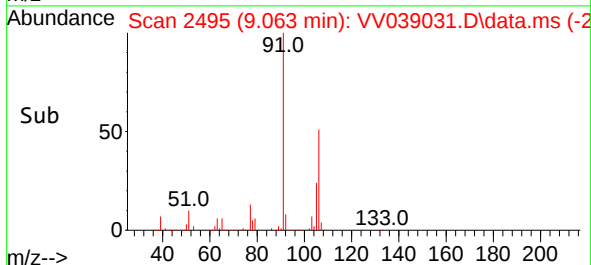
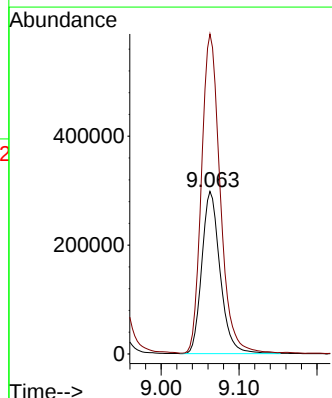
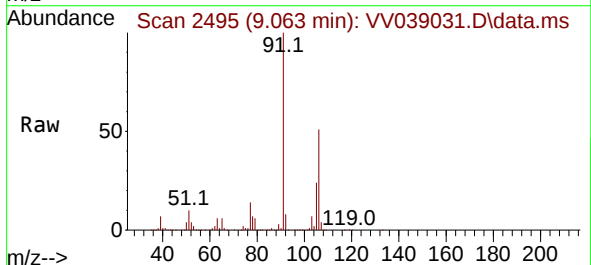
Acq: 25 Aug 2025 14:17

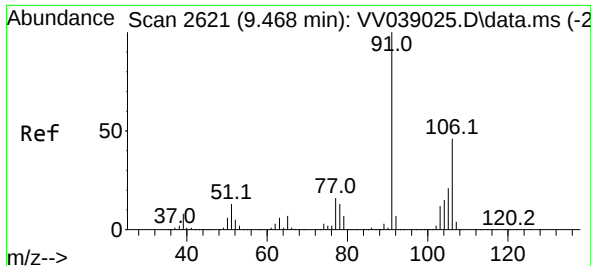
Tgt Ion:106 Resp: 486094

Ion Ratio Lower Upper

106 100

91 200.7 162.4 243.6

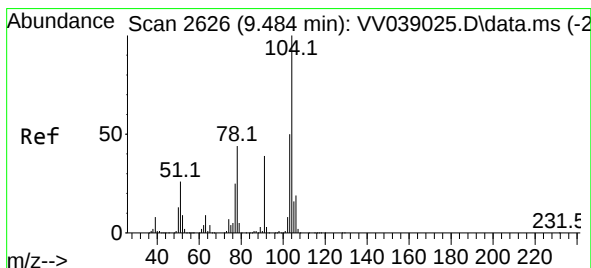
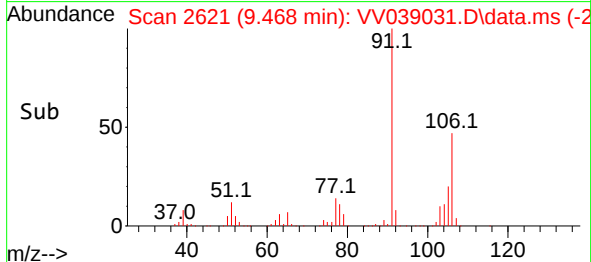
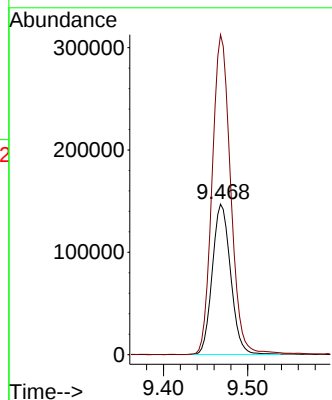
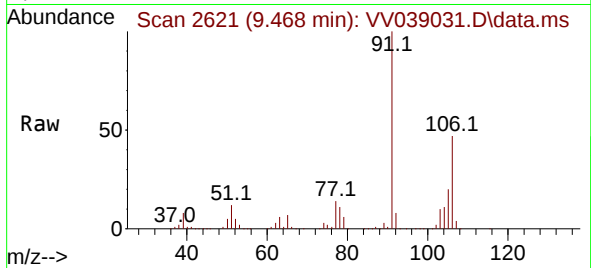




#69
o-Xylene
Concen: 20.565 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

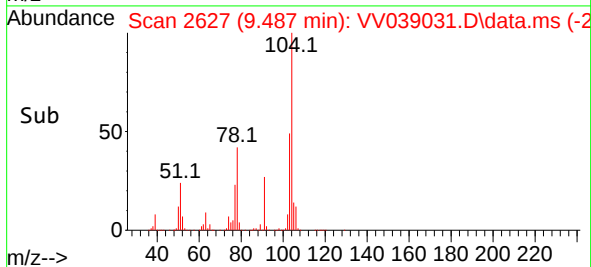
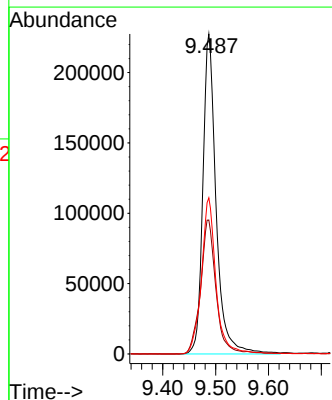
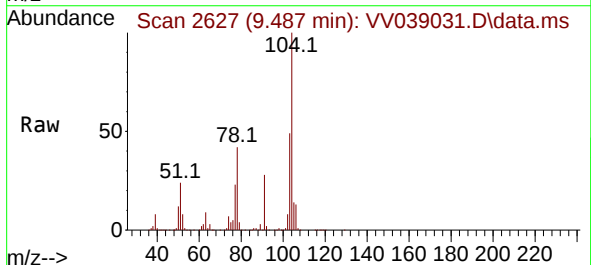
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

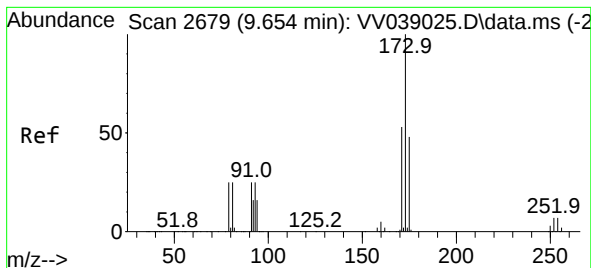
Tgt Ion:106 Resp: 222360
Ion Ratio Lower Upper
106 100
91 215.0 106.7 320.1



#70
Styrene
Concen: 20.835 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion:104 Resp: 396875
Ion Ratio Lower Upper
104 100
78 47.9 39.3 58.9
103 53.6 43.2 64.8





#71

Bromoform

Concen: 20.488 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

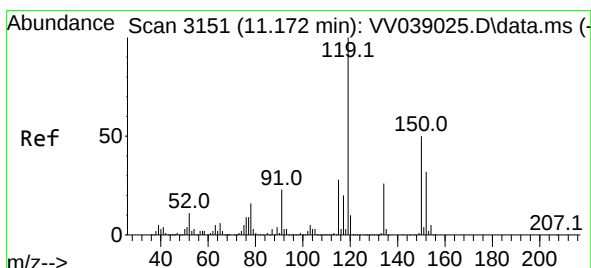
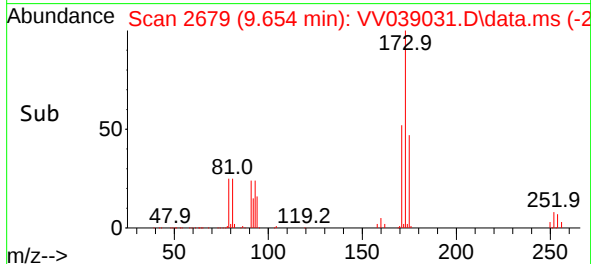
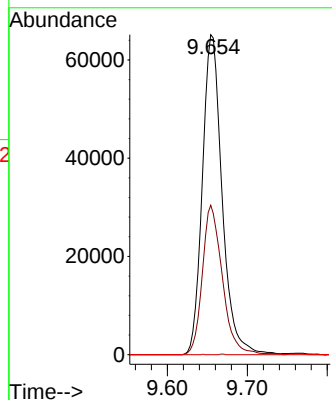
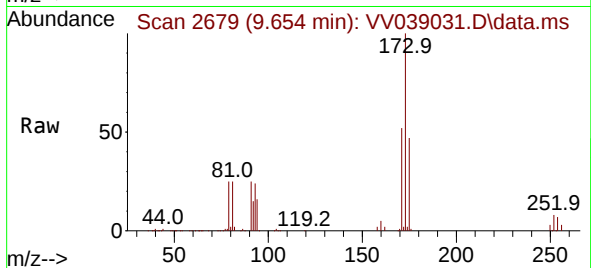
Tgt Ion:173 Resp: 112292

Ion Ratio Lower Upper

173 100

175 47.0 24.3 72.9

254 0.0 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: VV039031.D

Acq: 25 Aug 2025 14:17

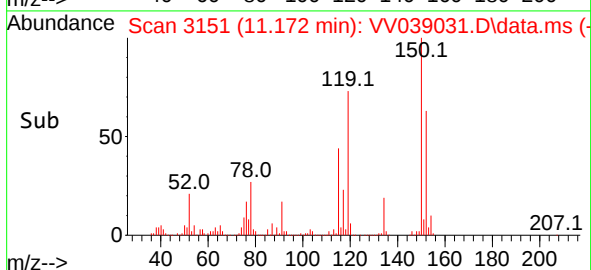
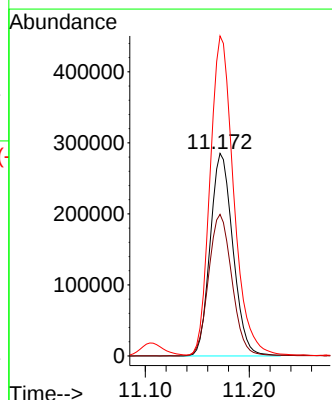
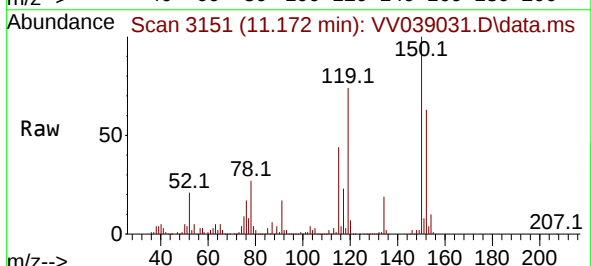
Tgt Ion:152 Resp: 433292

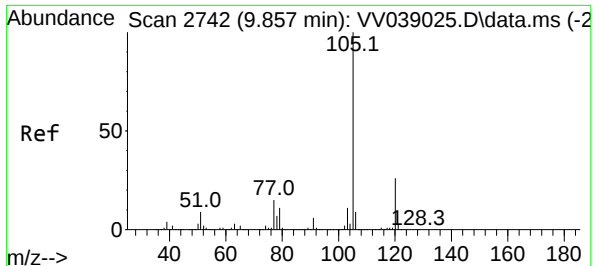
Ion Ratio Lower Upper

152 100

115 71.4 44.0 132.1

150 164.7 0.0 352.2

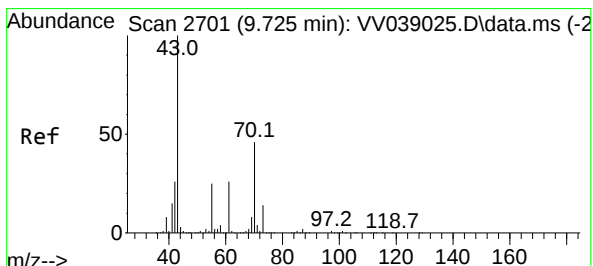
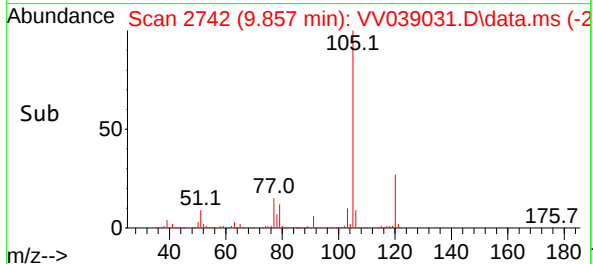
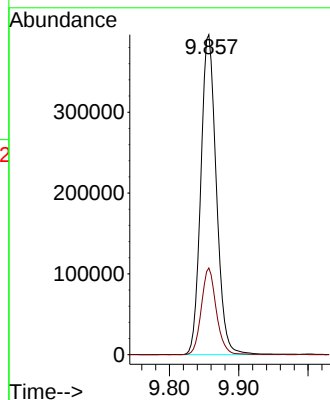
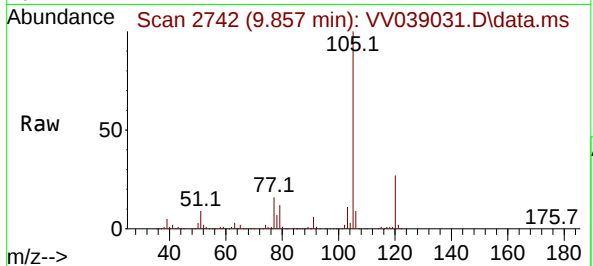




#73
Isopropylbenzene
Concen: 20.280 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

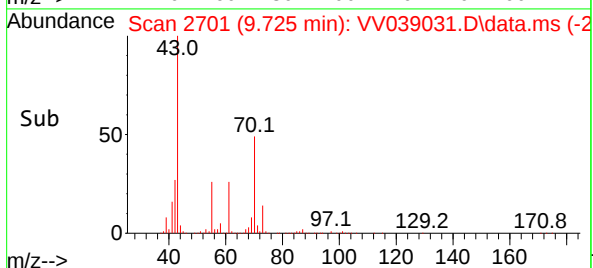
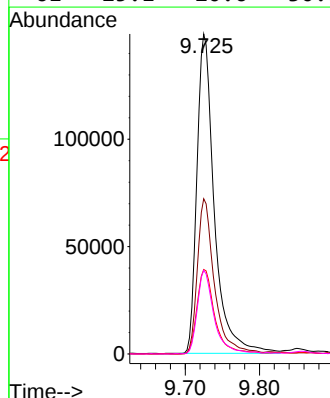
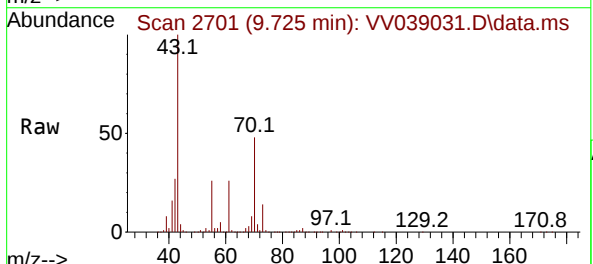
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

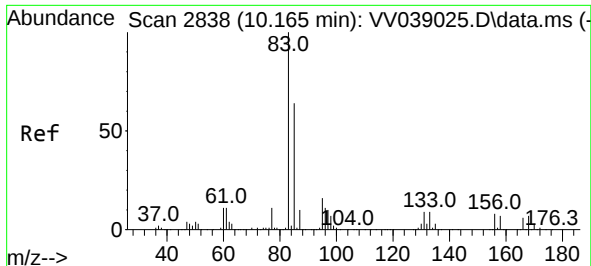
Tgt Ion:105 Resp: 615816
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 19.514 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 43 Resp: 243525
Ion Ratio Lower Upper
43 100
70 47.5 36.4 54.6
55 27.0 20.6 30.8
61 25.1 20.6 30.8

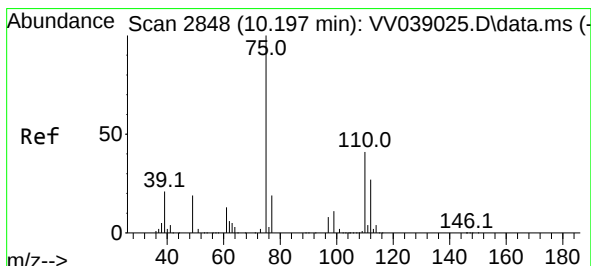
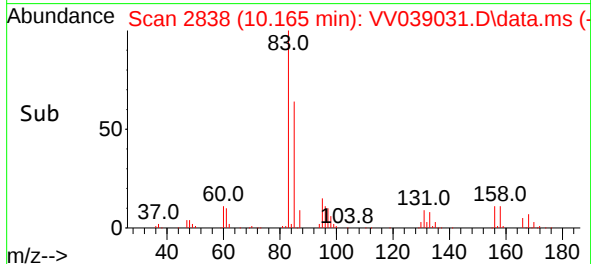
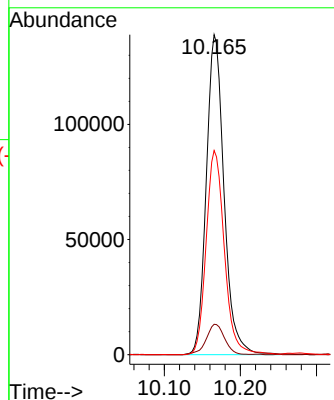
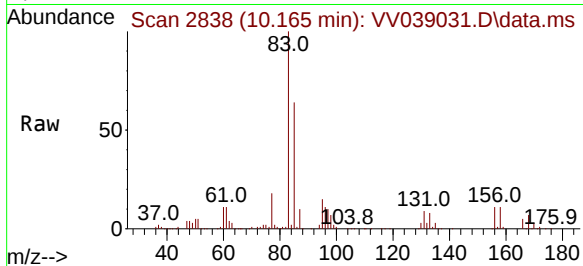




#75
1,1,2,2-Tetrachloroethane
Concen: 18.816 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

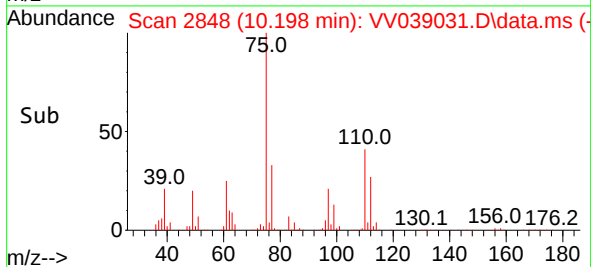
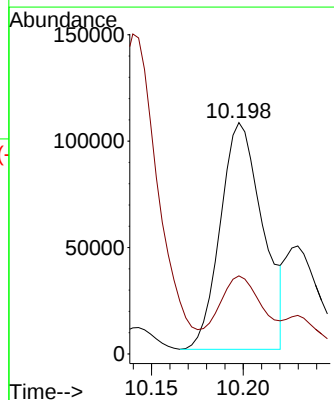
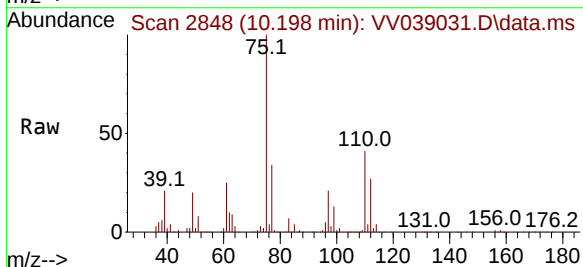
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

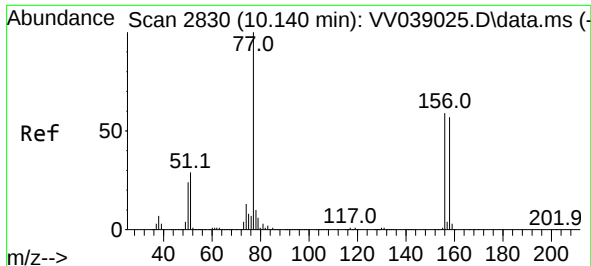
Tgt Ion: 83 Resp: 225092
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.0
85 65.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 20.176 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 75 Resp: 171603
Ion Ratio Lower Upper
75 100
77 21.3 11.9 35.5

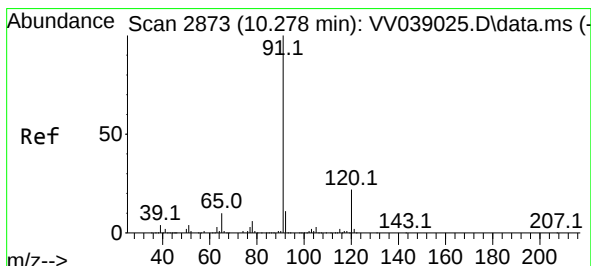
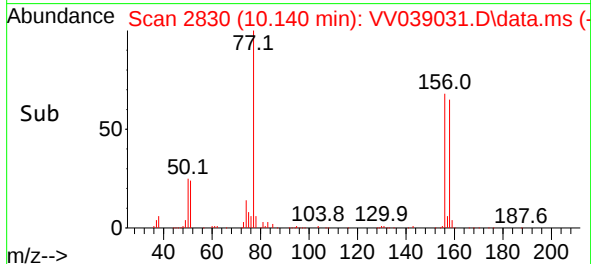
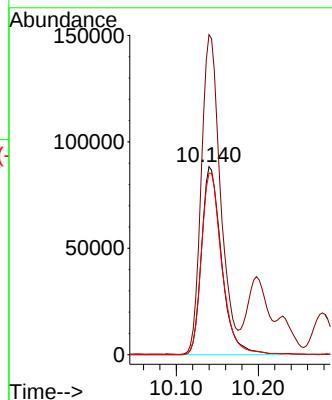
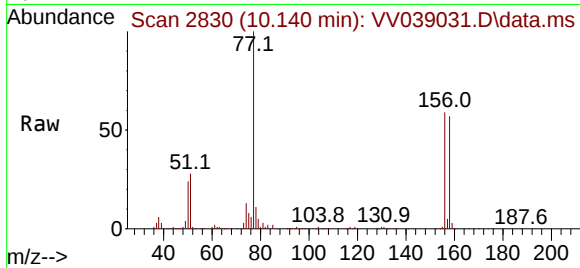




#77
Bromobenzene
Concen: 19.935 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

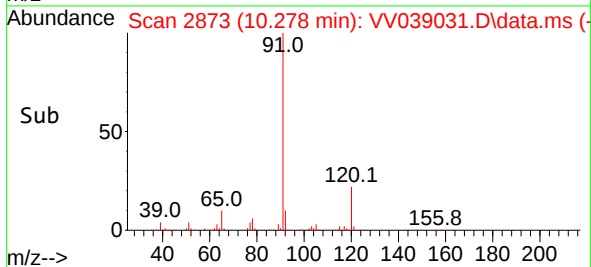
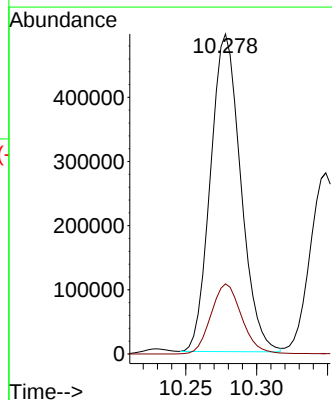
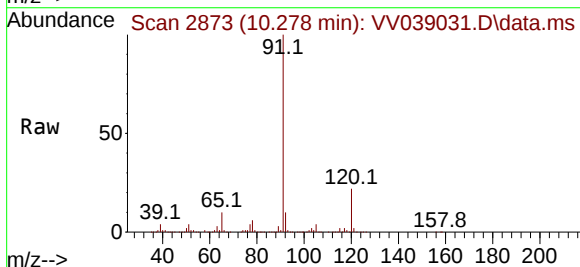
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

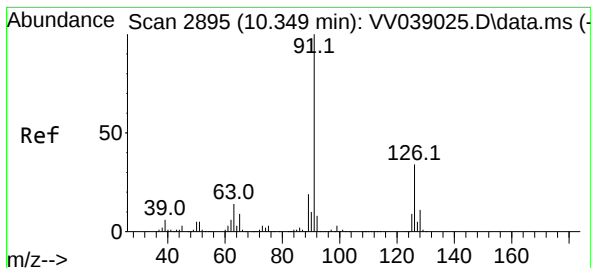
Tgt Ion:156 Resp: 149973
Ion Ratio Lower Upper
156 100
77 162.0 82.5 247.7
158 98.6 49.4 148.0



#78
n-propylbenzene
Concen: 20.524 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 91 Resp: 735722
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.6





#79

2-Chlorotoluene

Concen: 20.157 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

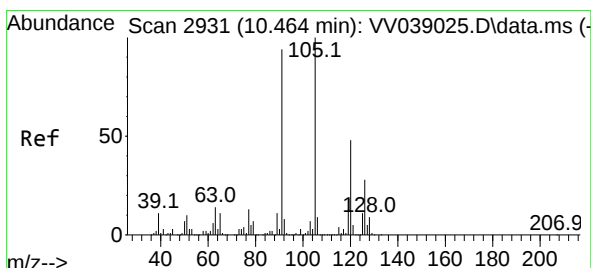
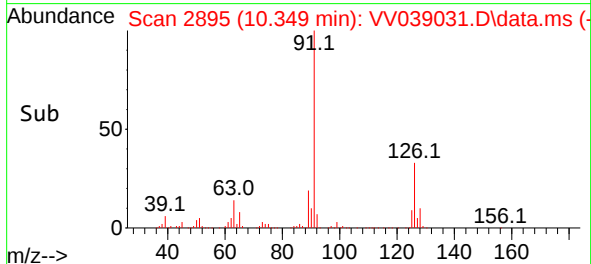
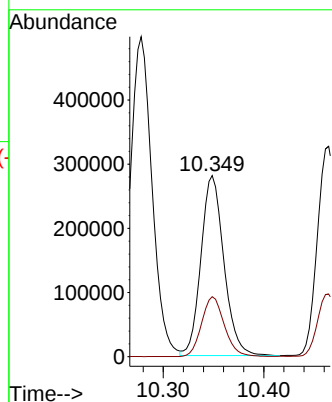
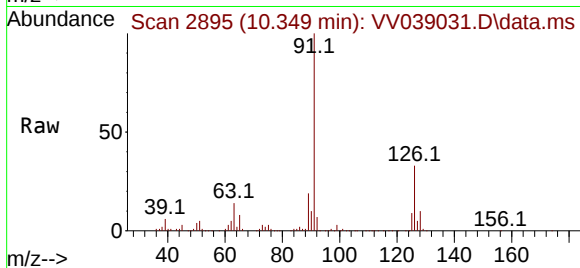
VV0825WBSD01

Tgt Ion: 91 Resp: 445201

Ion Ratio Lower Upper

91 100

126 33.0 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 20.771 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039031.D

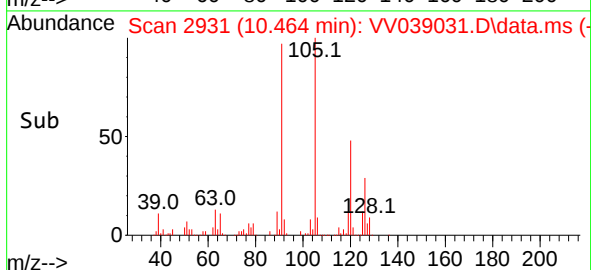
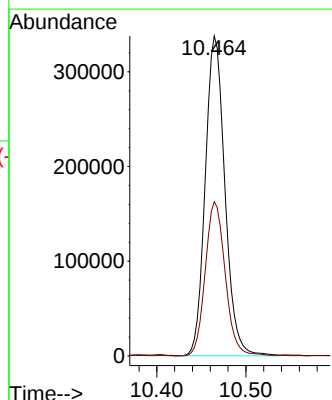
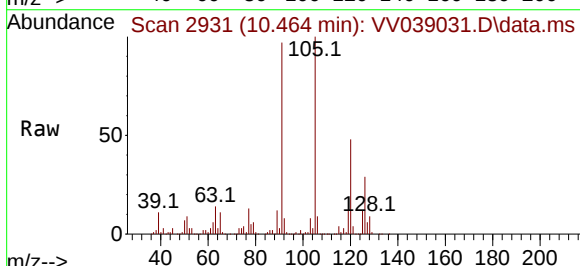
Acq: 25 Aug 2025 14:17

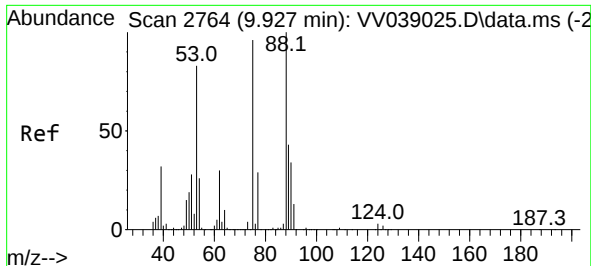
Tgt Ion: 105 Resp: 517582

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.8

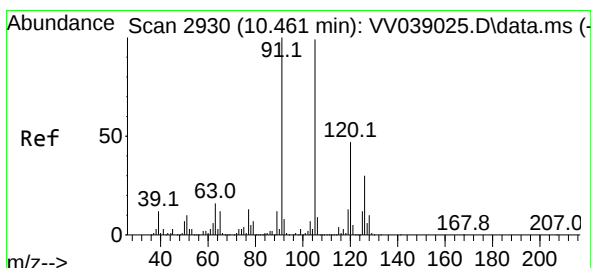
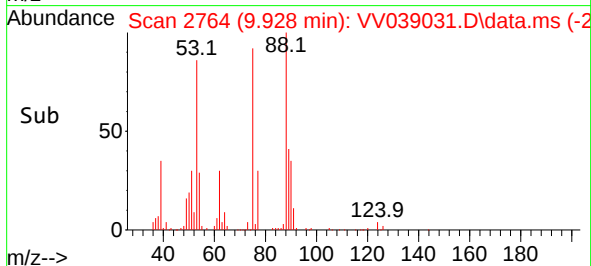
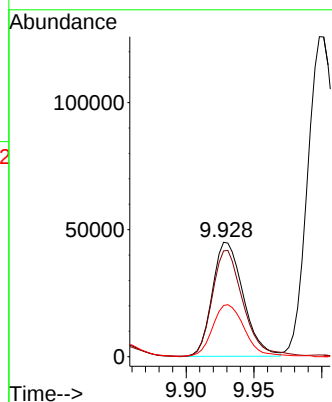
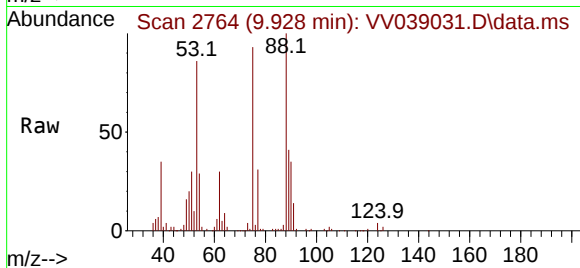




#81
trans-1,4-Dichloro-2-butene
Concen: 18.406 ug/l
RT: 9.928 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

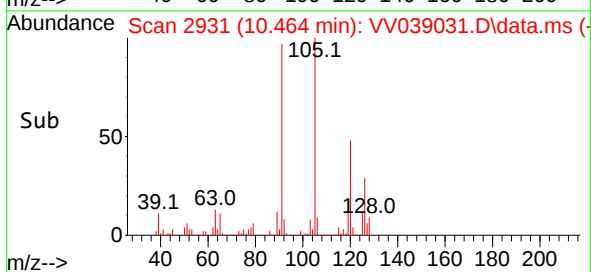
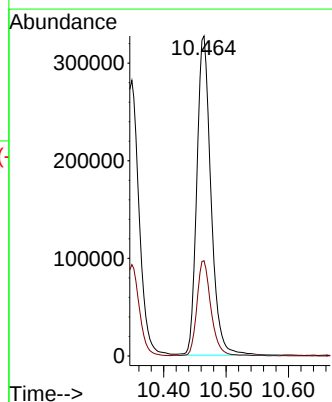
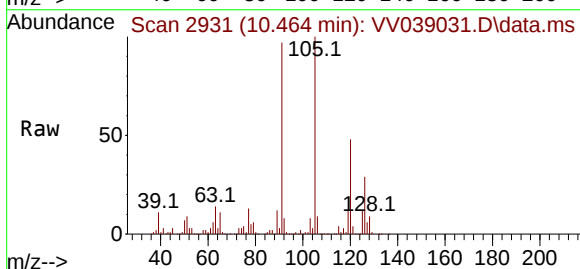
Instrument :
MSVOA_V
ClientSampleId :
VV0825WBSD01

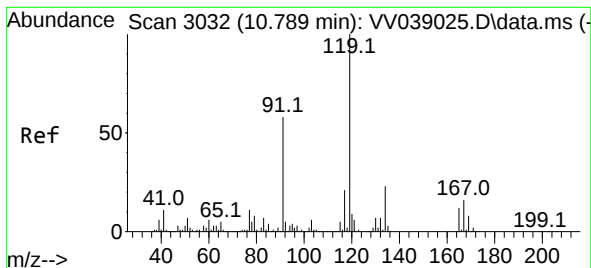
Tgt Ion: 75 Resp: 71186
Ion Ratio Lower Upper
75 100
53 93.9 70.2 105.4
89 46.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.457 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039031.D
Acq: 25 Aug 2025 14:17

Tgt Ion: 91 Resp: 514242
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5





#83

tert-Butylbenzene

Concen: 20.003 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

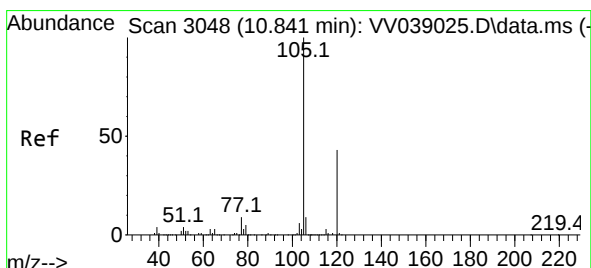
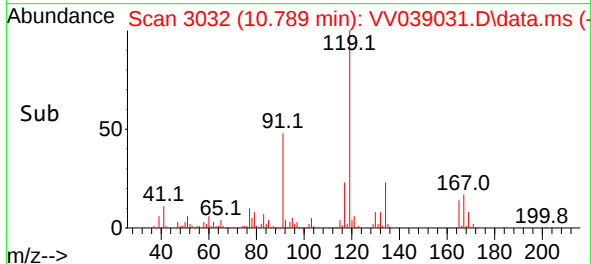
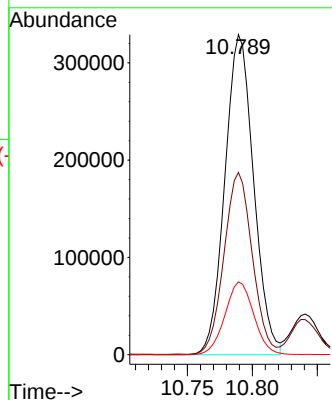
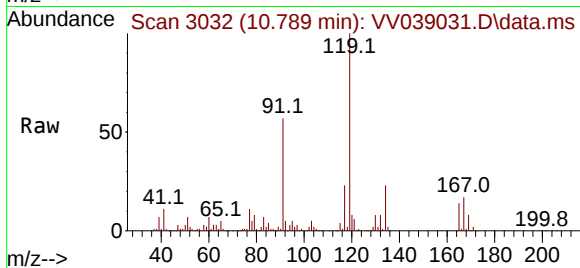
Tgt Ion:119 Resp: 507115

Ion Ratio Lower Upper

119 100

91 55.7 28.1 84.4

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 20.879 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039031.D

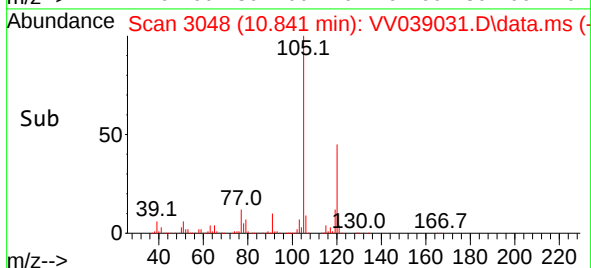
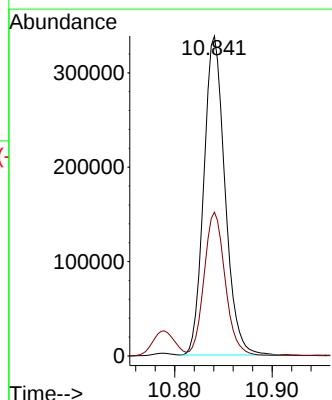
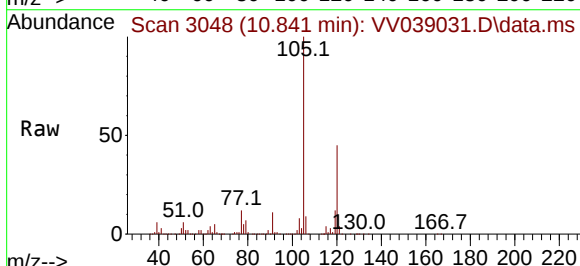
Acq: 25 Aug 2025 14:17

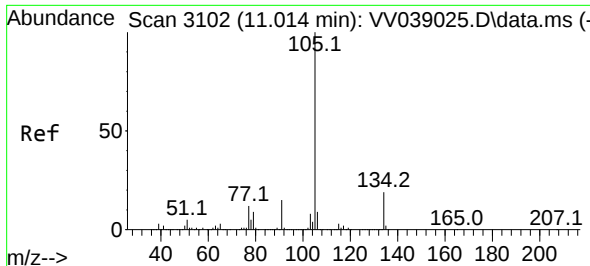
Tgt Ion:105 Resp: 509196

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8

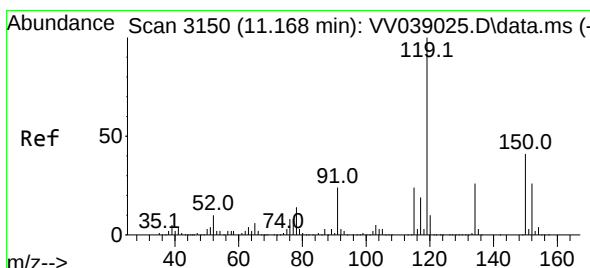
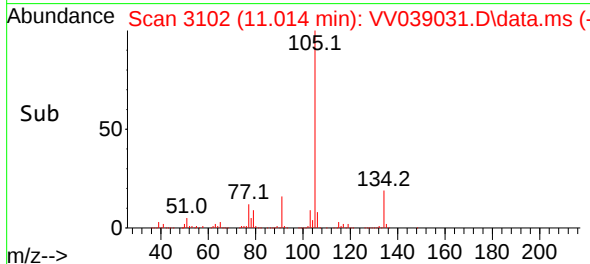
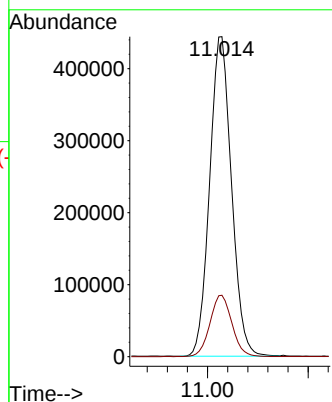
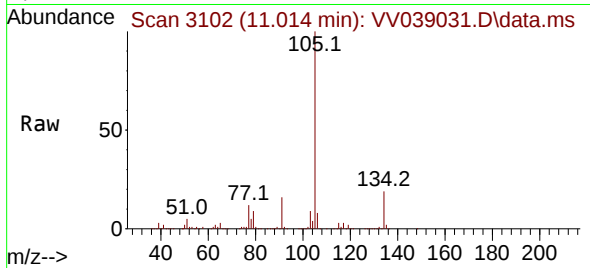




#85
 sec-Butylbenzene
 Concen: 20.086 ug/l
 RT: 11.014 min Scan# 3102
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

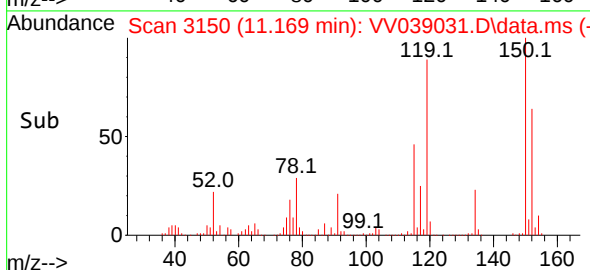
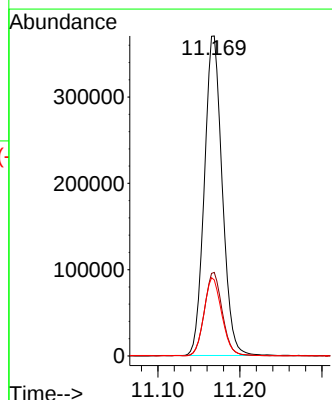
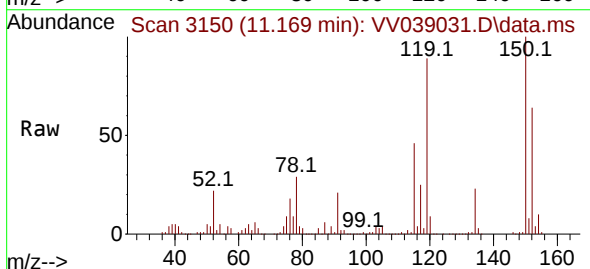
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0825WBSD01

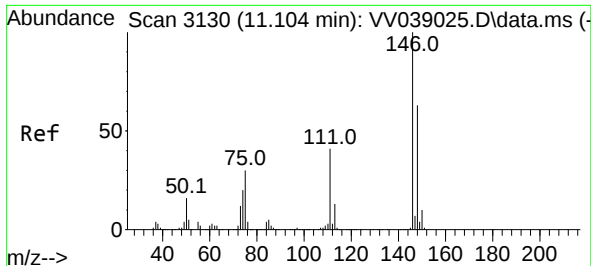
Tgt Ion:105 Resp: 669718
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.125 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VV039031.D
 Acq: 25 Aug 2025 14:17

Tgt Ion:119 Resp: 559535
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.729 ug/l

RT: 11.108 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

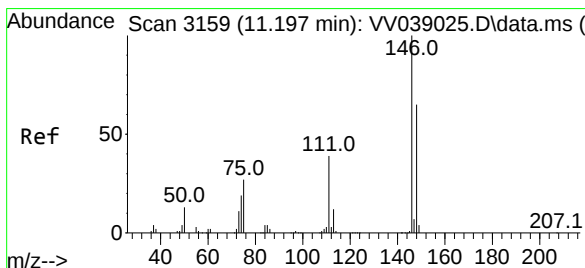
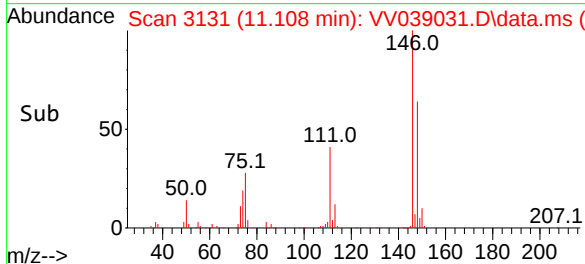
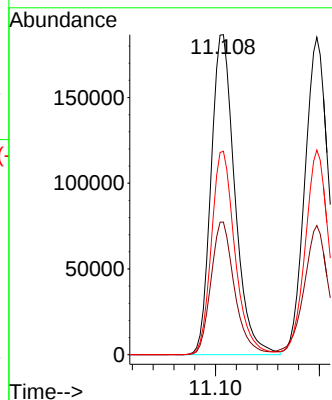
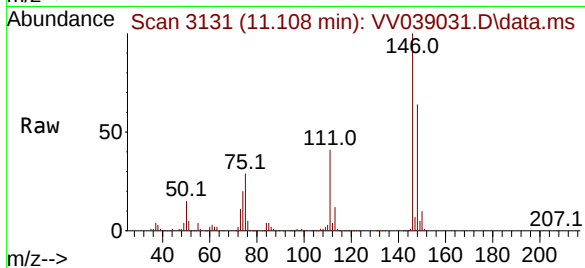
Tgt Ion:146 Resp: 296678

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 18.658 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

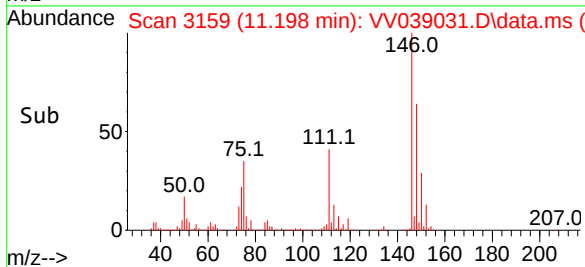
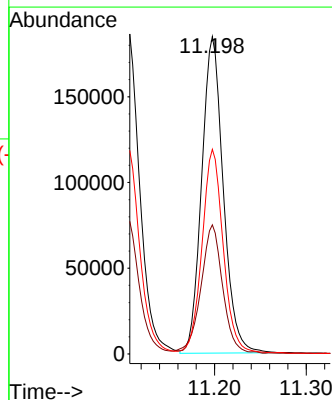
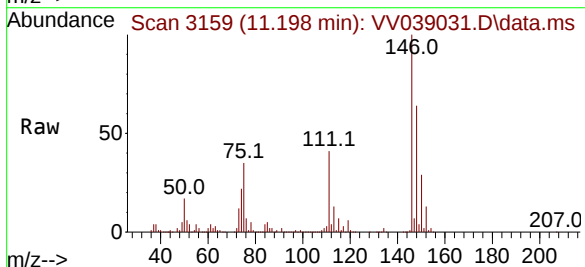
Tgt Ion:146 Resp: 302314

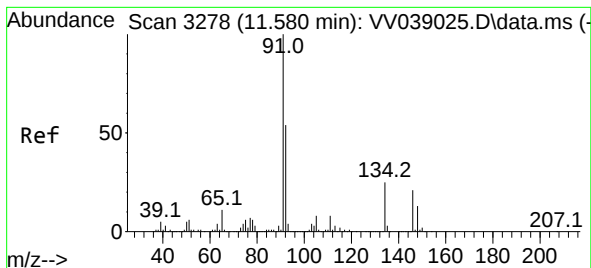
Ion Ratio Lower Upper

146 100

111 41.0 20.1 60.3

148 63.1 32.5 97.4





#89

n-Butylbenzene

Concen: 19.395 ug/l

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

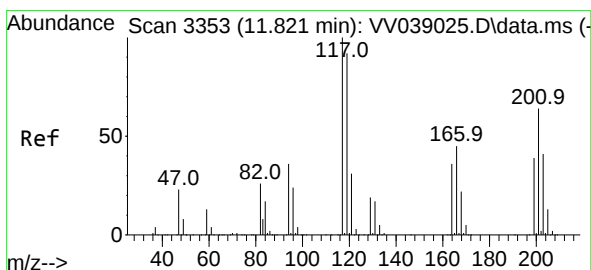
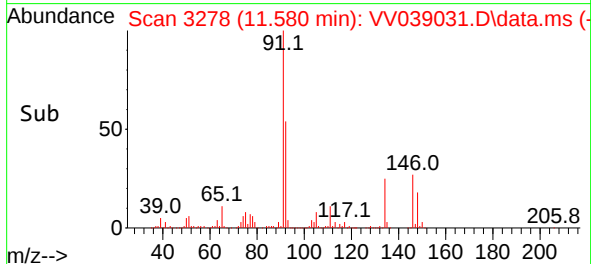
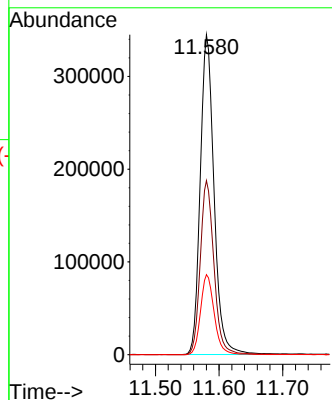
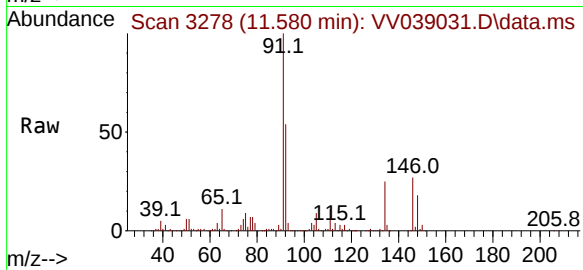
Tgt Ion: 91 Resp: 520114

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.4

134 24.8 12.2 36.6



#90

Hexachloroethane

Concen: 18.245 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV039031.D

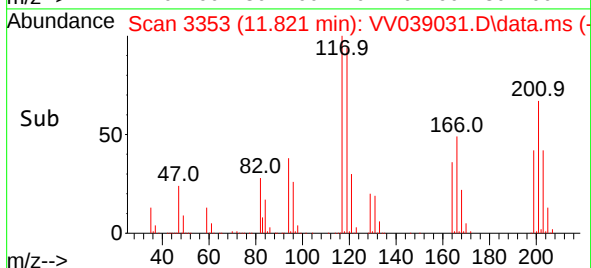
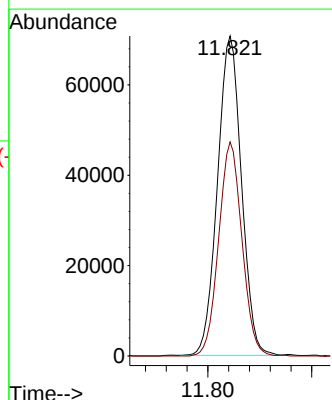
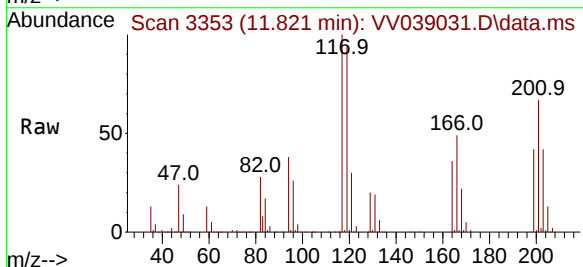
Acq: 25 Aug 2025 14:17

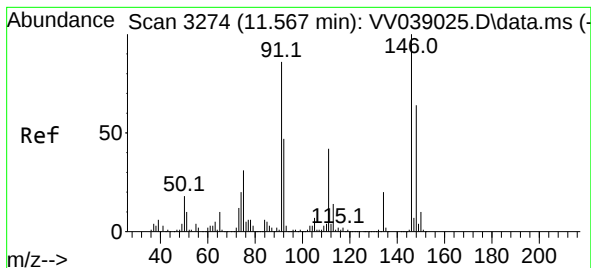
Tgt Ion: 117 Resp: 113314

Ion Ratio Lower Upper

117 100

201 65.0 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 19.073 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

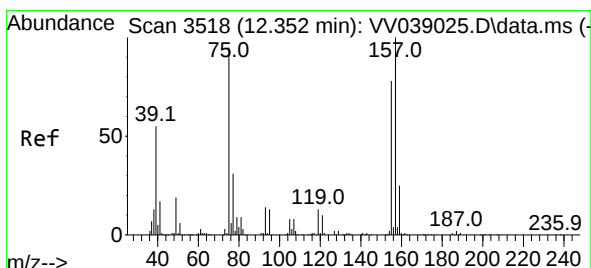
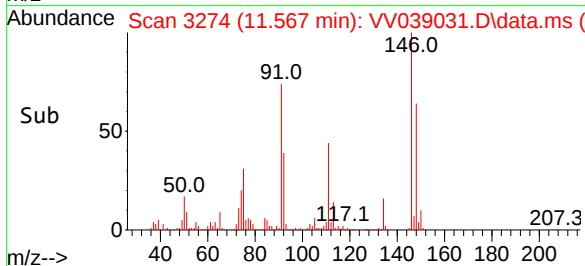
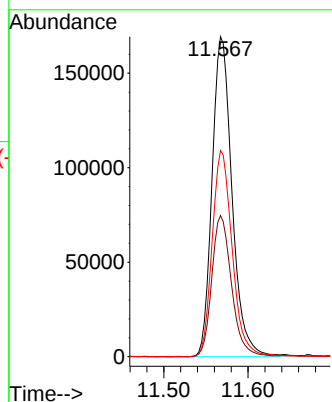
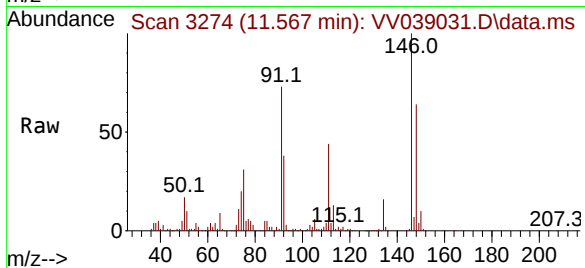
Tgt Ion:146 Resp: 278182

Ion Ratio Lower Upper

146 100

111 43.9 21.1 63.4

148 65.1 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.084 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

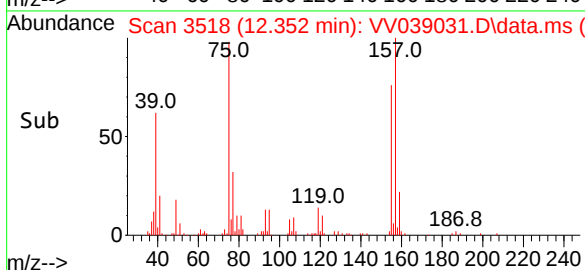
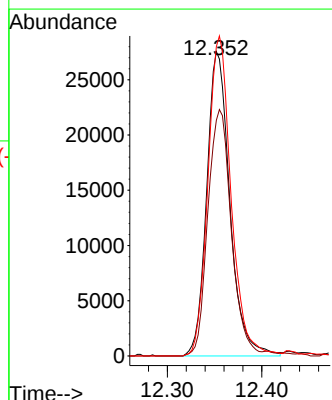
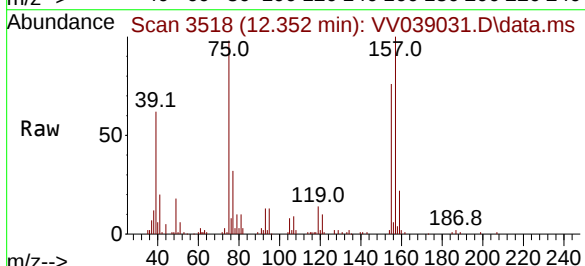
Tgt Ion: 75 Resp: 46993

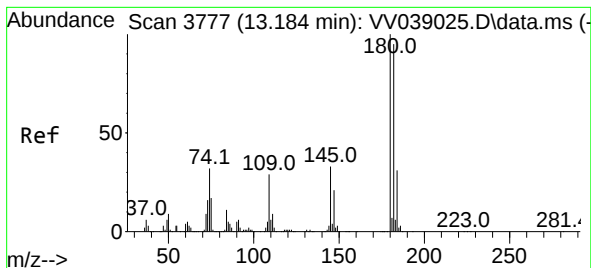
Ion Ratio Lower Upper

75 100

155 81.7 40.9 122.7

157 105.2 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 20.187 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

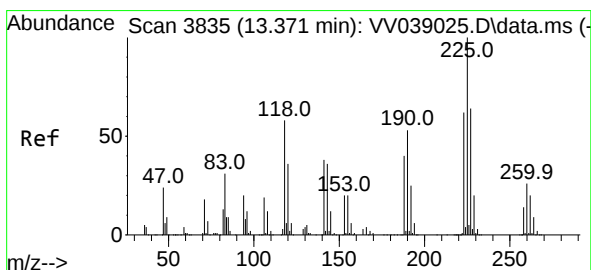
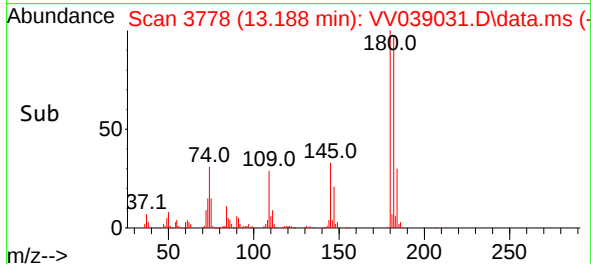
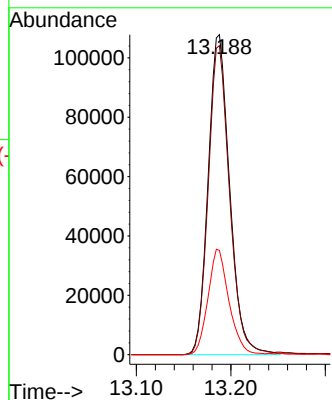
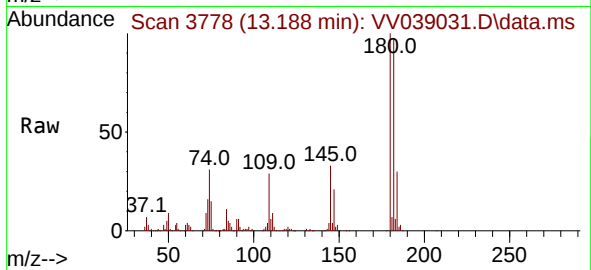
Tgt Ion:180 Resp: 170614

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

145 32.1 16.3 48.9



#94

Hexachlorobutadiene

Concen: 19.088 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

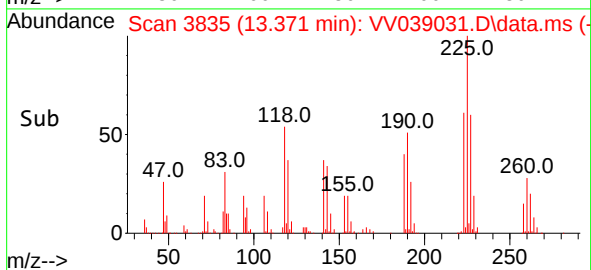
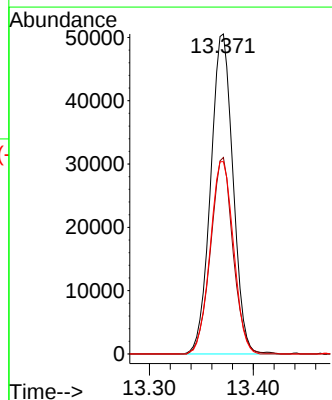
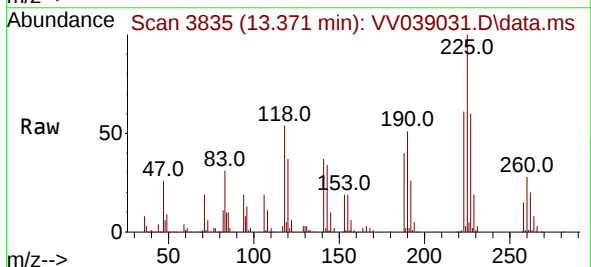
Tgt Ion:225 Resp: 75437

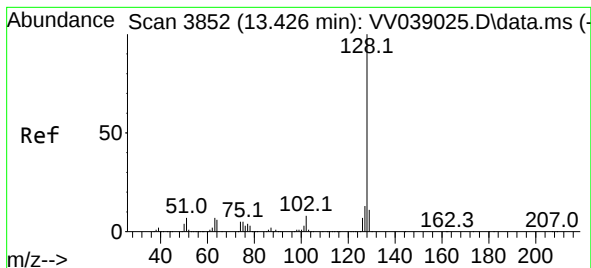
Ion Ratio Lower Upper

225 100

223 61.8 32.1 96.5

227 63.0 31.6 95.0





#95

Naphthalene

Concen: 20.346 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Instrument :

MSVOA_V

ClientSampleId :

VV0825WBSD01

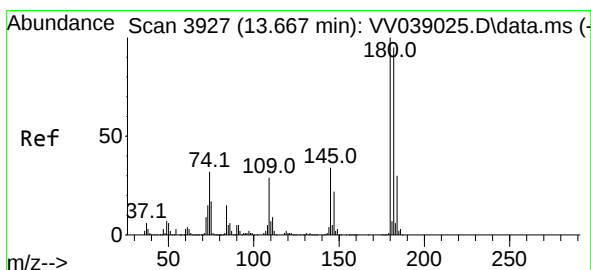
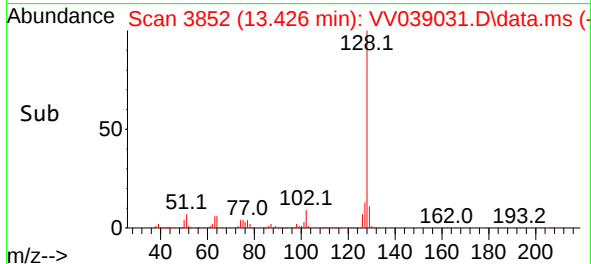
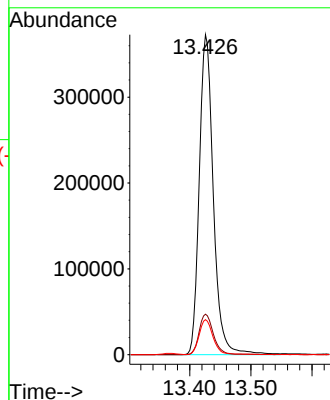
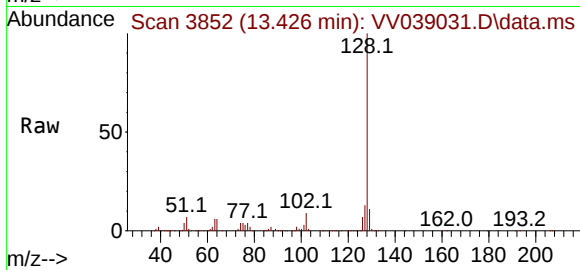
Tgt Ion:128 Resp: 596388

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.930 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039031.D

Acq: 25 Aug 2025 14:17

Tgt Ion:180 Resp: 179243

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.0

145 33.5 17.0 51.0

