

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039246.D
 Acq On : 03 Oct 2025 13:29
 Operator : SY/MD
 Sample : VV1003WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	530712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	834883	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	807929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	328654	42.788	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	85.580%
35) Dibromofluoromethane	4.503	113	326044	48.578	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.160%
50) Toluene-d8	7.236	98	892549	45.278	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.560%
62) 4-Bromofluorobenzene	10.001	95	431498	53.172	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	138162	16.446	ug/l	97
3) Chloromethane	1.230	50	148206	16.433	ug/l	100
4) Vinyl Chloride	1.298	62	163797	16.965	ug/l	99
5) Bromomethane	1.497	94	115699	19.009	ug/l	98
6) Chloroethane	1.561	64	108471	17.788	ug/l	98
7) Trichlorofluoromethane	1.728	101	262214	18.758	ug/l	99
8) Diethyl Ether	1.921	74	98190	18.921	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.085	101	164380	19.763	ug/l	98
10) Methyl Iodide	2.198	142	175456	22.151	ug/l	99
11) Tert butyl alcohol	2.568	59	159087	97.996	ug/l	99
12) 1,1-Dichloroethene	2.082	96	150016	18.748	ug/l	95
13) Acrolein	2.015	56	17374	61.677	ug/l	99
14) Allyl chloride	2.362	41	257886	18.042	ug/l	95
15) Acrylonitrile	2.674	53	492695	94.675	ug/l	99
16) Acetone	2.121	43	474589	93.370	ug/l	97
17) Carbon Disulfide	2.253	76	388682	15.883	ug/l	98
18) Methyl Acetate	2.381	43	244952	21.524	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	521032	20.434	ug/l	96
20) Methylene Chloride	2.458	84	180046	20.156	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	160169	18.803	ug/l	95
22) Diisopropyl ether	3.217	45	513200	18.766	ug/l	85
23) Vinyl Acetate	3.191	43	2200657	91.989	ug/l	97
24) 1,1-Dichloroethane	3.117	63	307499	18.387	ug/l	98
25) 2-Butanone	3.870	43	575336	93.540	ug/l	97
26) 2,2-Dichloropropane	3.815	77	259507	17.501	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	184518	19.640	ug/l	95
28) Bromochloromethane	4.146	49	144451	19.566	ug/l	90
29) Tetrahydrofuran	4.240	42	355912	92.448	ug/l	96
30) Chloroform	4.281	83	318542	18.241	ug/l	98
31) Cyclohexane	4.584	56	222742	16.259	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	277703	18.368	ug/l	97
36) 1,1-Dichloropropene	4.748	75	188879	18.613	ug/l	99
37) Ethyl Acetate	3.982	43	219152	17.798	ug/l	98
38) Carbon Tetrachloride	4.738	117	233151	18.800	ug/l	99
39) Methylcyclohexane	6.047	83	208027	16.976	ug/l	96
40) Benzene	5.011	78	637793	19.301	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	93622	18.084	ug/l	95
42) 1,2-Dichloroethane	5.043	62	221588	19.138	ug/l	97
43) Isopropyl Acetate	5.198	43	327228	19.491	ug/l	98
44) Trichloroethene	5.834	130	154476	20.259	ug/l	99
45) 1,2-Dichloropropane	6.092	63	156695	19.078	ug/l	98
46) Dibromomethane	6.227	93	126461	20.117	ug/l	95
47) Bromodichloromethane	6.429	83	252593	19.436	ug/l	98
48) Methyl methacrylate	6.301	41	144785	19.024	ug/l	95
49) 1,4-Dioxane	6.294	88	44086	358.959	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	1164431	105.425	ug/l	99
52) Toluene	7.310	92	400377	20.898	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	241108	21.288	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	263751	21.095	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	175184	20.392	ug/l	98
56) Ethyl methacrylate	7.719	69	215210	21.095	ug/l	96
57) 1,3-Dichloropropane	7.937	76	274772	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	474541	88.830	ug/l	97
59) 2-Hexanone	8.066	43	835694	95.188	ug/l	99
60) Dibromochloromethane	8.169	129	202074	20.644	ug/l	100
61) 1,2-Dibromoethane	8.275	107	188087	21.409	ug/l	98
64) Tetrachloroethene	7.899	164	138188	20.420	ug/l	96
65) Chlorobenzene	8.805	112	454849	20.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	168298	20.697	ug/l	98
67) Ethyl Benzene	8.937	91	689222	20.232	ug/l	98
68) m/p-Xylenes	9.063	106	568873	43.267	ug/l	99
69) o-Xylene	9.468	106	254107	21.827	ug/l	96
70) Styrene	9.487	104	461186	19.600	ug/l	99
71) Bromoform	9.654	173	140950	22.191	ug/l	98
73) Isopropylbenzene	9.857	105	699688	20.047	ug/l	100
74) N-amyl acetate	9.725	43	275038	19.756	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.165	83	287626	18.809	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	205482	18.755	ug/l	98
77) Bromobenzene	10.140	156	187797	20.739	ug/l	96
78) n-propylbenzene	10.278	91	831093	19.554	ug/l	98
79) 2-Chlorotoluene	10.349	91	523752	20.594	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	591210	20.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	89087	19.521	ug/l	99
82) 4-Chlorotoluene	10.464	91	608970	20.650	ug/l	99
83) tert-Butylbenzene	10.789	119	550870	19.043	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	581871	20.660	ug/l	98
85) sec-Butylbenzene	11.011	105	722734	18.837	ug/l	100
86) p-Isopropyltoluene	11.165	119	610180	19.107	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	372185	20.309	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	391588	19.476	ug/l	99
89) n-Butylbenzene	11.580	91	559457	18.344	ug/l	99
90) Hexachloroethane	11.818	117	132512	16.851	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	345188	20.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56191	20.636	ug/l	91
93) 1,2,4-Trichlorobenzene	13.185	180	198726	20.248	ug/l	100
94) Hexachlorobutadiene	13.368	225	84439	16.557	ug/l	98
95) Naphthalene	13.426	128	632578	19.941	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	203723	20.295	ug/l	99

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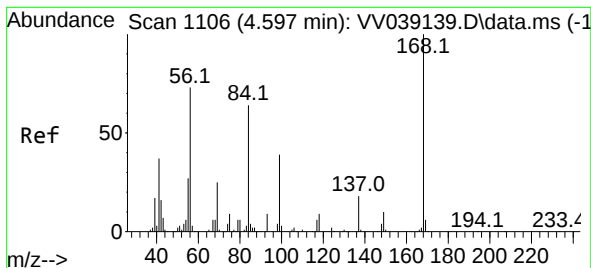
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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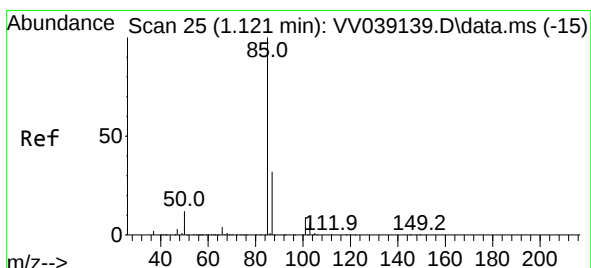
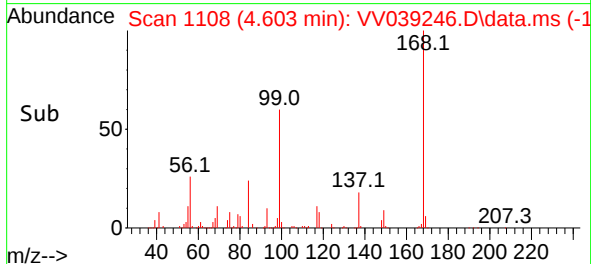
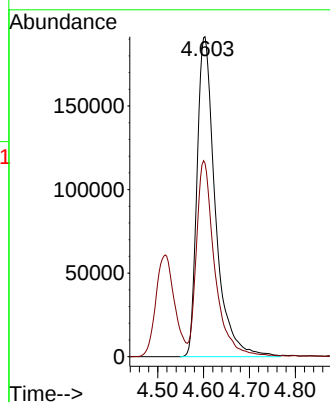
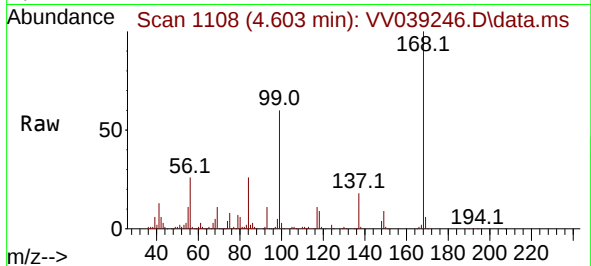




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
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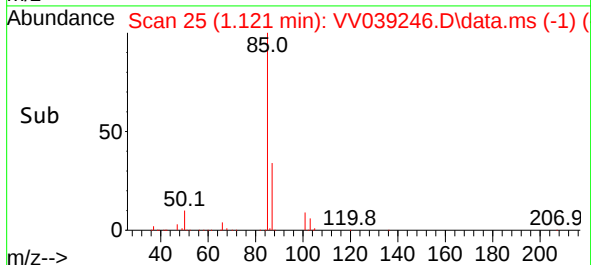
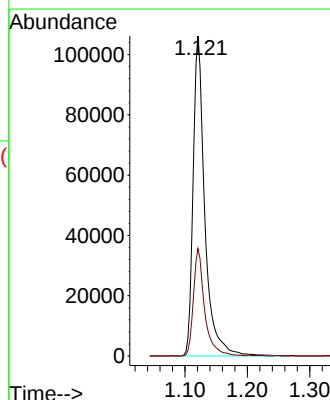
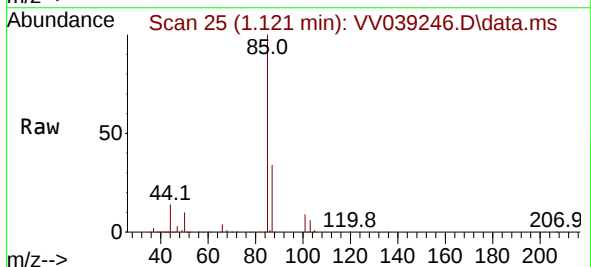
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion:168 Resp: 530712
Ion Ratio Lower Upper
168 100
99 60.1 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 16.446 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 85 Resp: 138162
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9

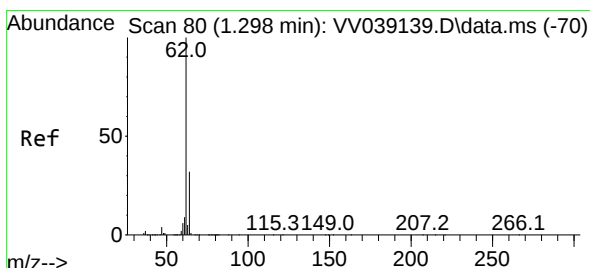
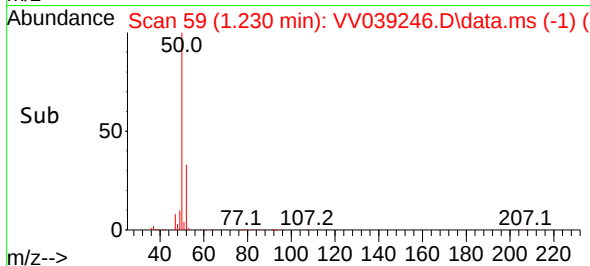
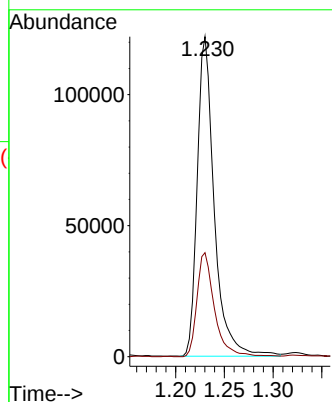
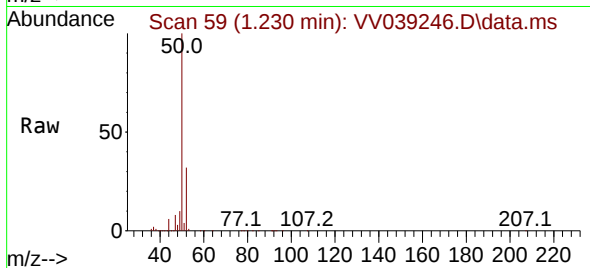




#3
Chloromethane
Concen: 16.433 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

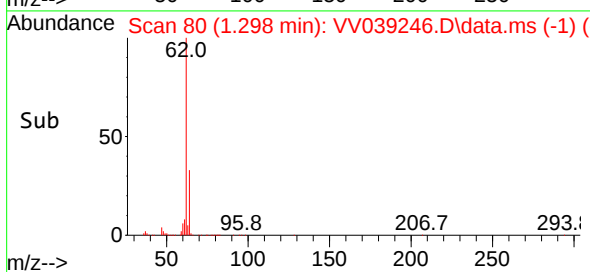
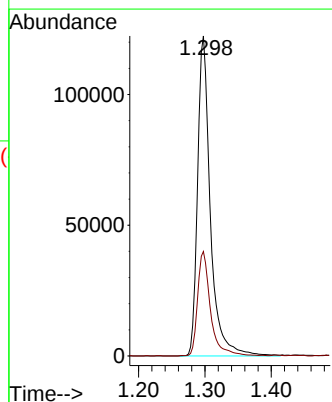
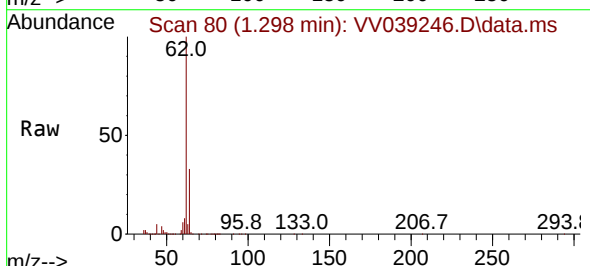
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ClientSampleId :
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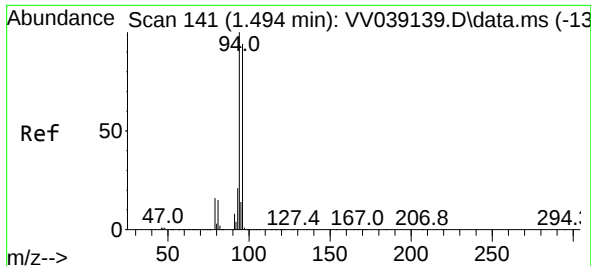
Tgt Ion: 50 Resp: 148206
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 16.965 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 62 Resp: 163797
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4

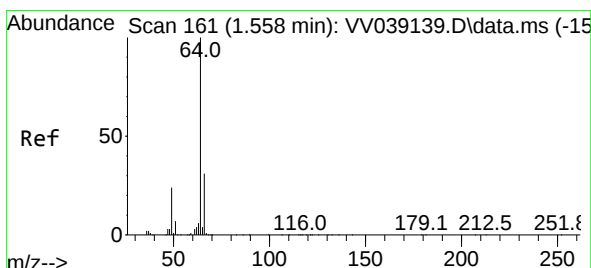
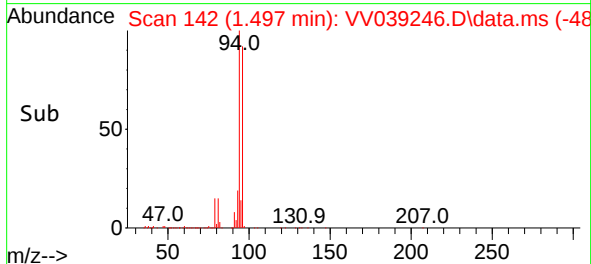
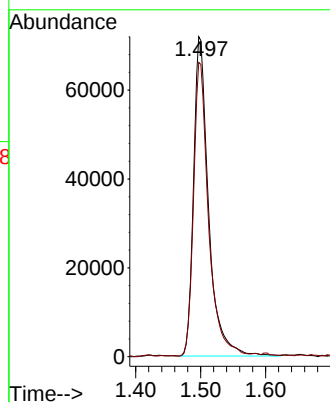
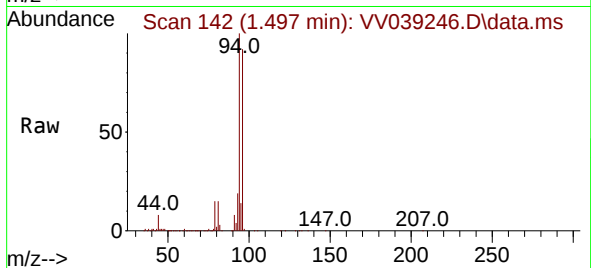




#5
Bromomethane
Concen: 19.009 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

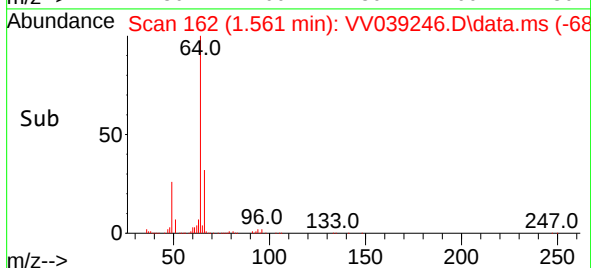
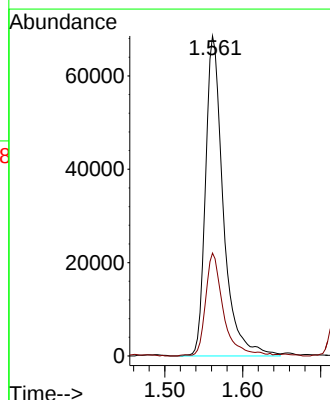
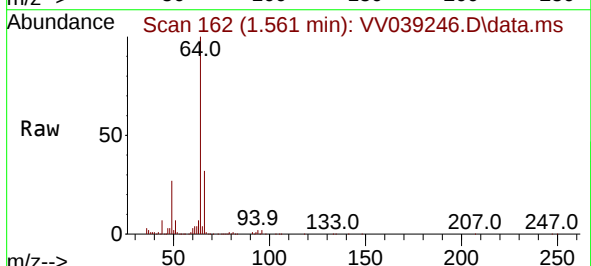
Instrument :
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Tgt Ion: 94 Resp: 115699
Ion Ratio Lower Upper
94 100
96 91.9 74.9 112.3



#6
Chloroethane
Concen: 17.788 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 64 Resp: 108471
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8

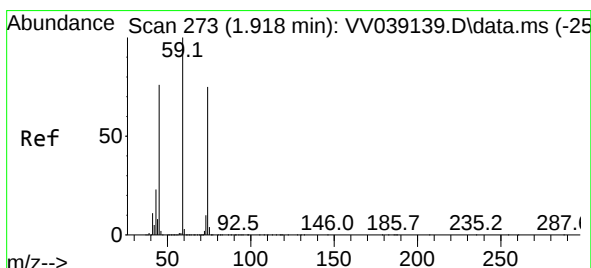
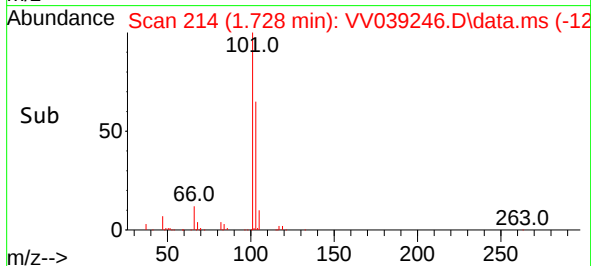
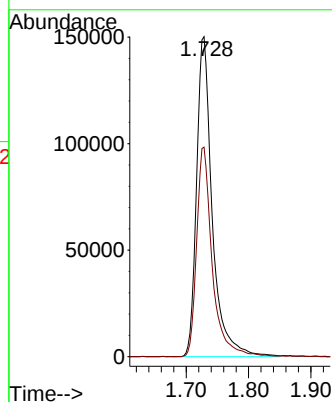
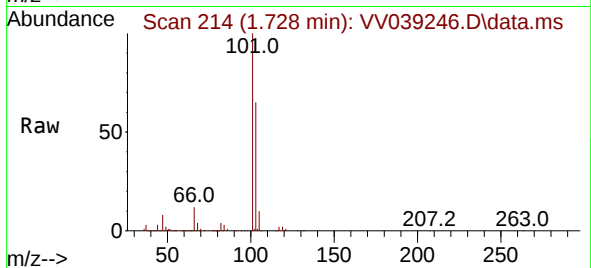




#7
 Trichlorofluoromethane
 Concen: 18.758 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039246.D
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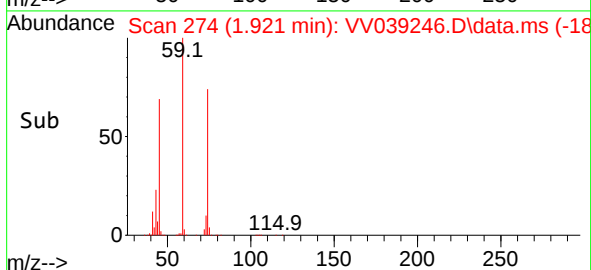
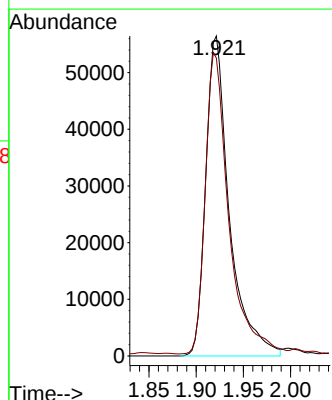
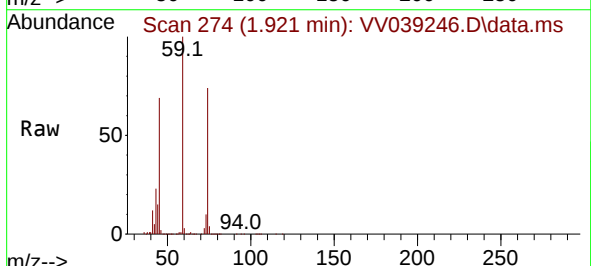
Instrument :
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Tgt Ion:101 Resp: 262214
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.0 78.0



#8
 Diethyl Ether
 Concen: 18.921 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion: 74 Resp: 98190
 Ion Ratio Lower Upper
 74 100
 45 93.5 49.6 148.8

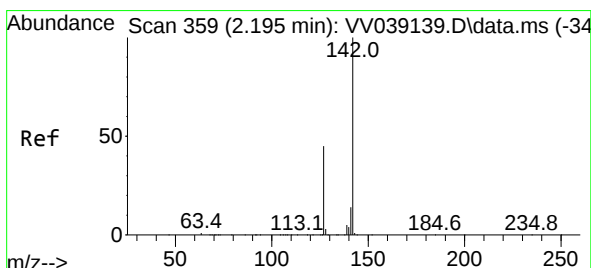
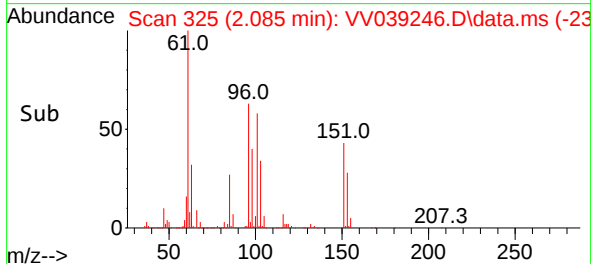
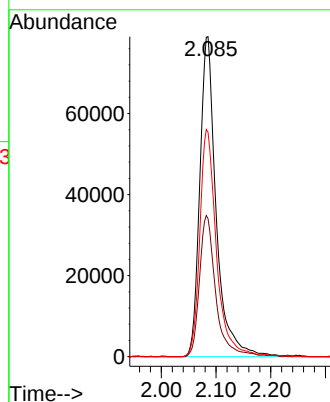
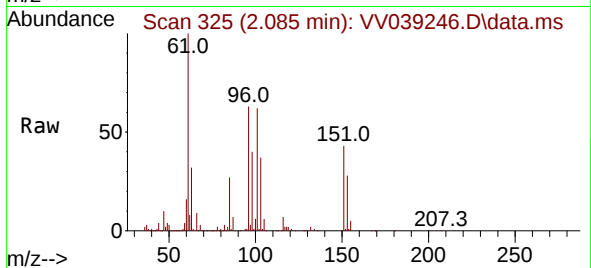




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.763 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039246.D
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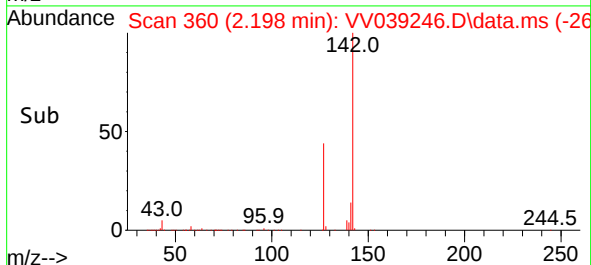
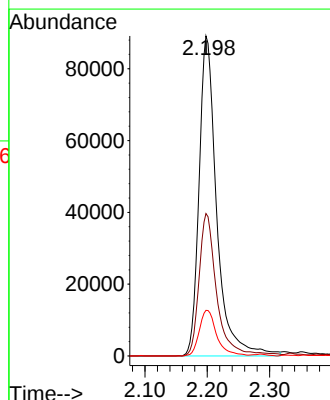
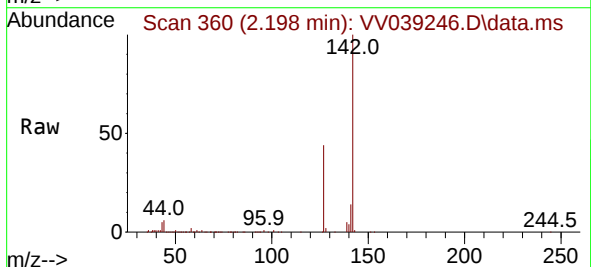
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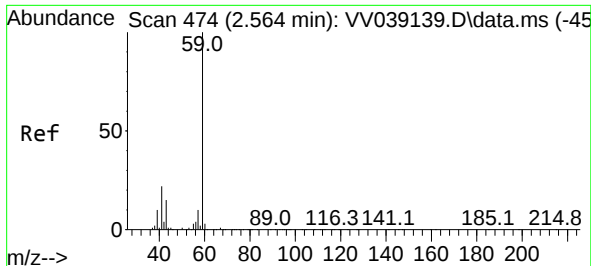
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Ion Ratio Lower Upper
101 100
85 43.5 36.2 54.2
151 72.0 56.3 84.5



#10
Methyl Iodide
Concen: 22.151 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion:142 Resp: 175456
Ion Ratio Lower Upper
142 100
127 44.8 36.3 54.5
141 14.1 11.2 16.8

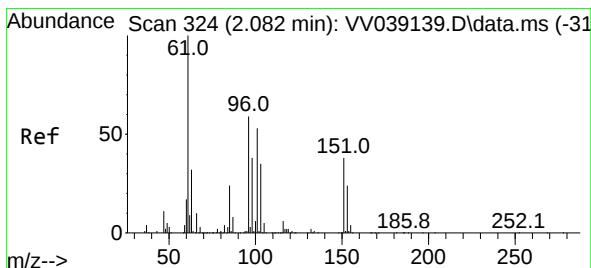
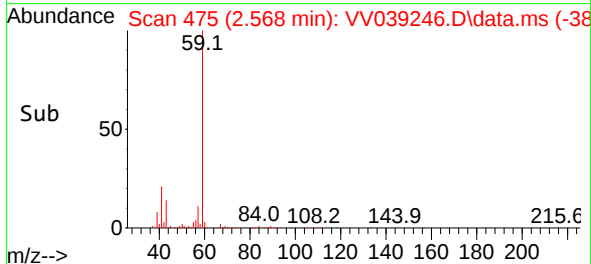
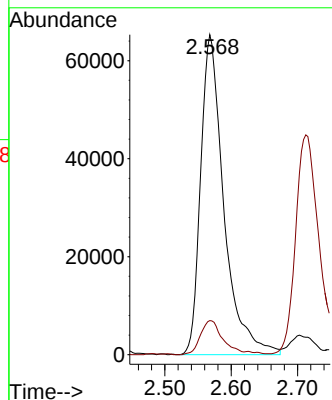
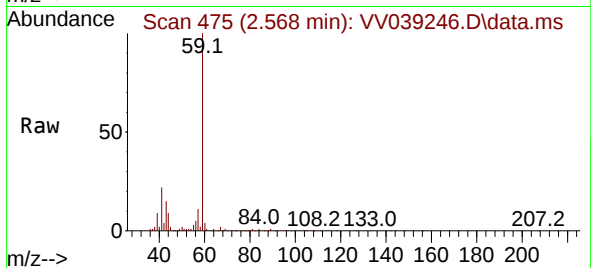




#11
Tert butyl alcohol
Concen: 97.996 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

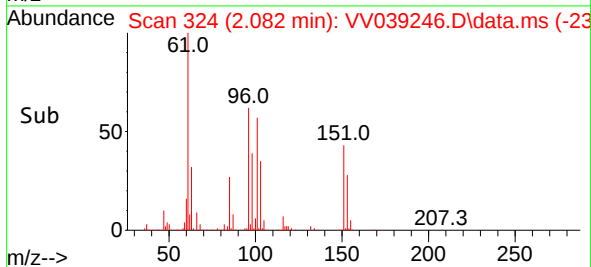
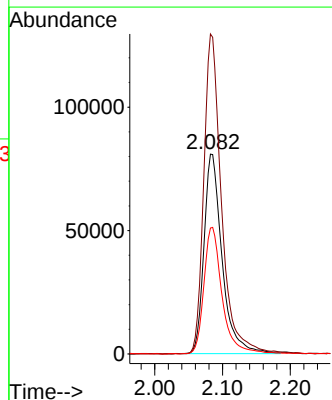
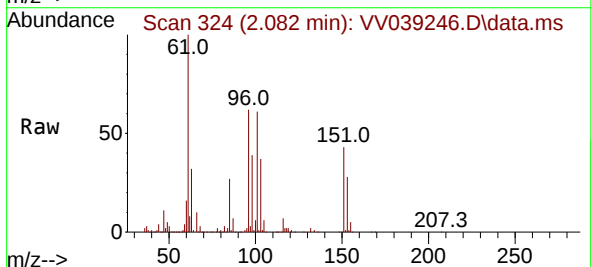
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 59 Resp: 159087
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.748 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 96 Resp: 150016
Ion Ratio Lower Upper
96 100
61 160.3 136.0 204.0
98 63.2 51.0 76.6

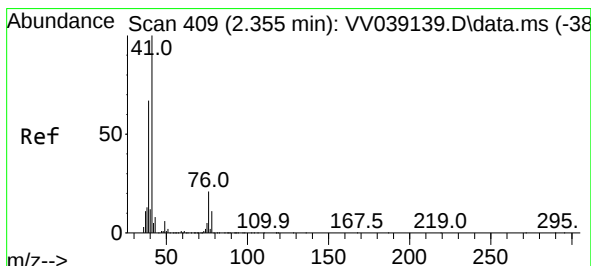
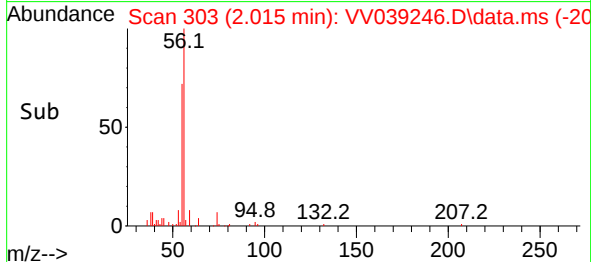
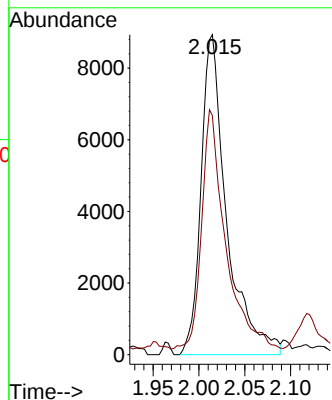
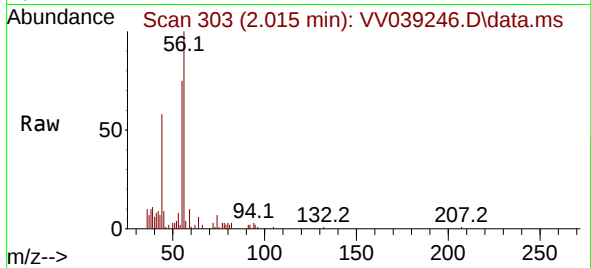




#13
Acrolein
Concen: 61.677 ug/l
RT: 2.015 min Scan# 301
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

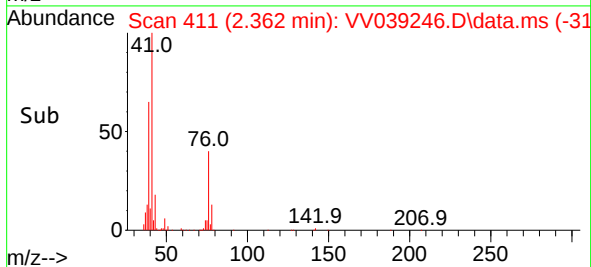
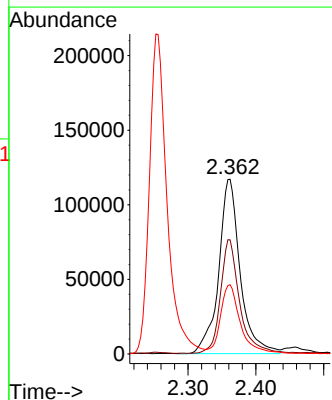
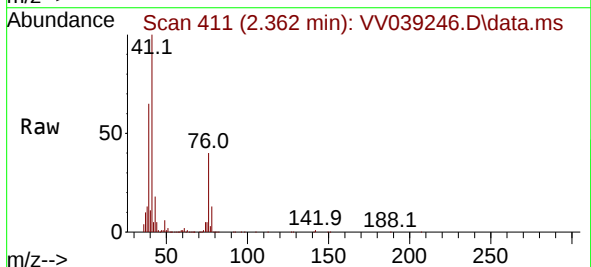
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 56 Resp: 17374
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.4



#14
Allyl chloride
Concen: 18.042 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 41 Resp: 257886
Ion Ratio Lower Upper
41 100
39 58.0 51.0 76.6
76 36.1 28.2 42.4

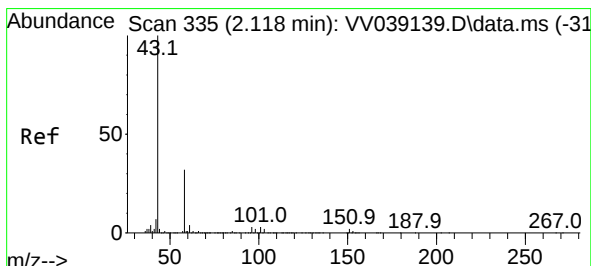
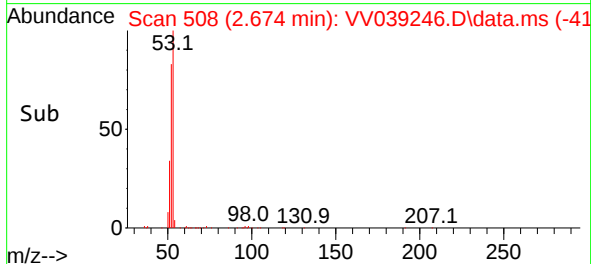
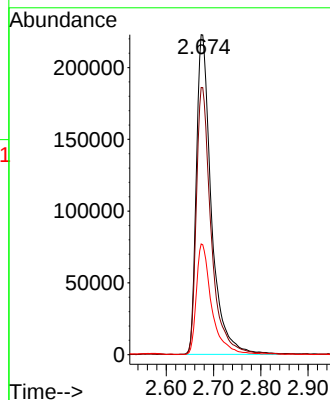
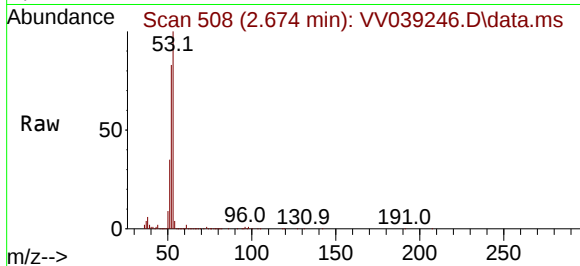




#15
Acrylonitrile
Concen: 94.675 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

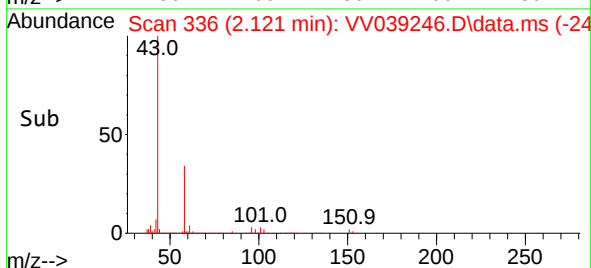
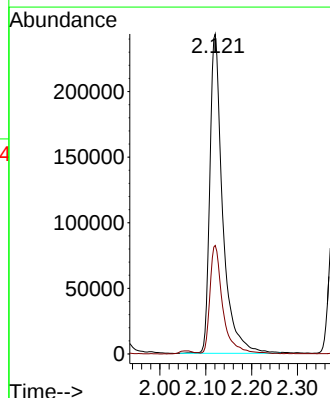
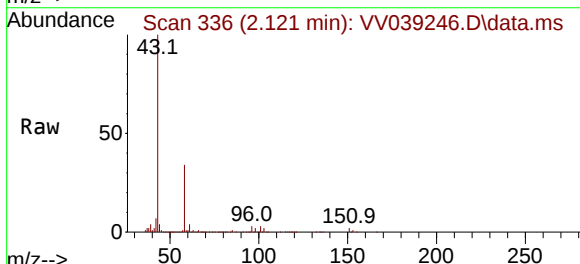
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

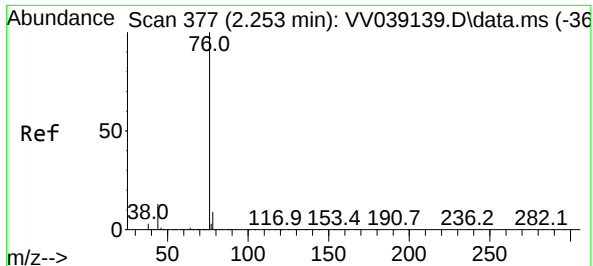
Tgt Ion: 53 Resp: 492695
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 34.8 28.5 42.7



#16
Acetone
Concen: 93.370 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 43 Resp: 474589
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6

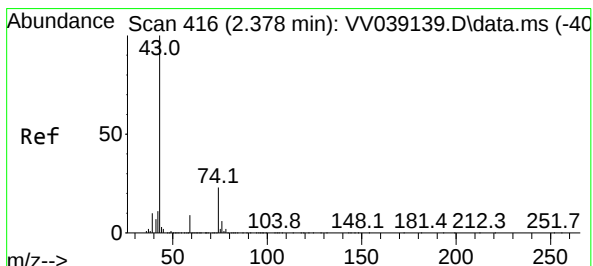
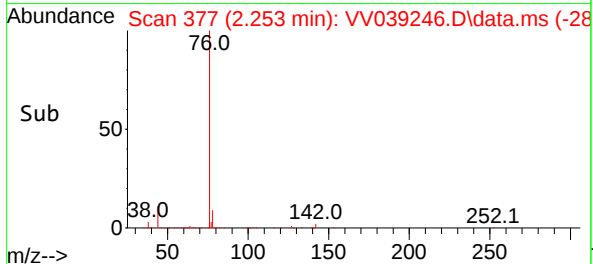
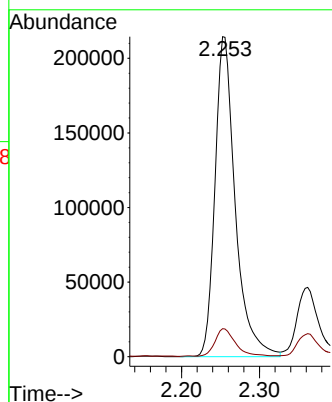
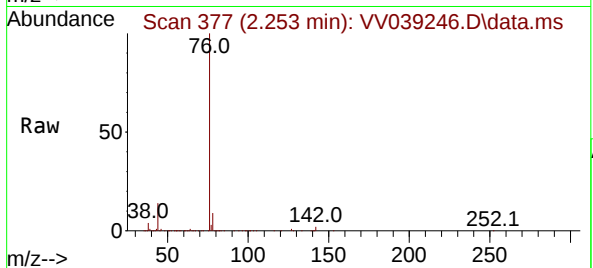




#17
Carbon Disulfide
Concen: 15.883 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

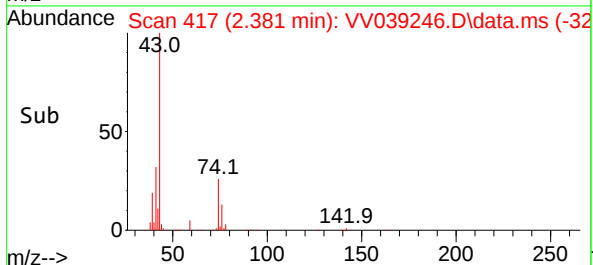
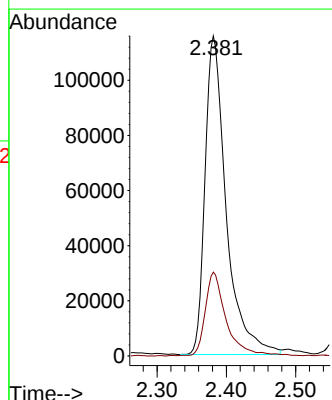
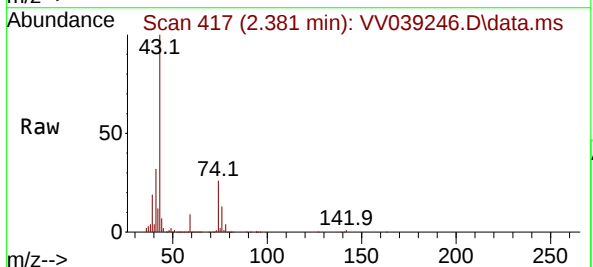
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 76 Resp: 388682
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 21.524 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 43 Resp: 244952
Ion Ratio Lower Upper
43 100
74 25.5 18.6 27.8

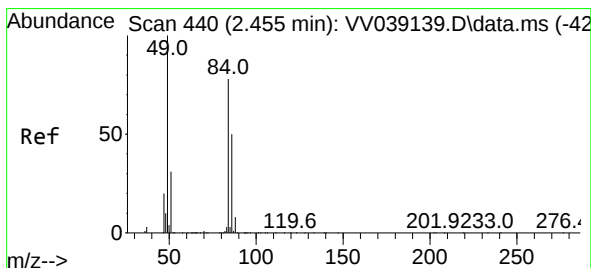
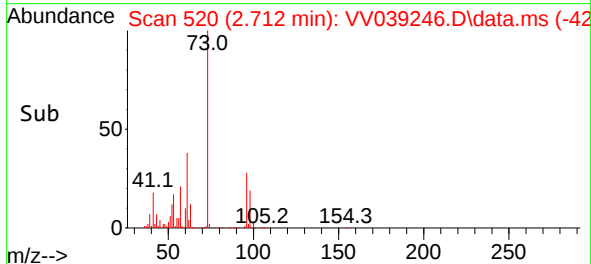
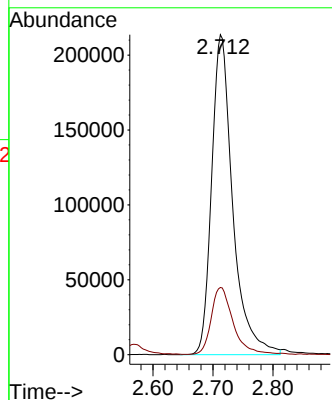
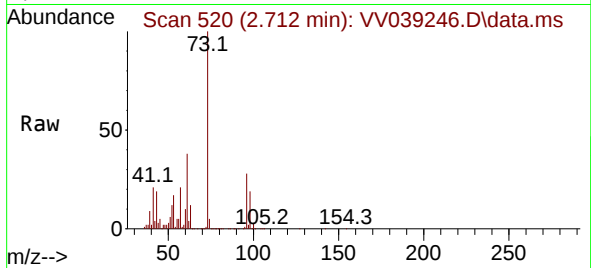




#19
Methyl tert-butyl Ether
Concen: 20.434 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

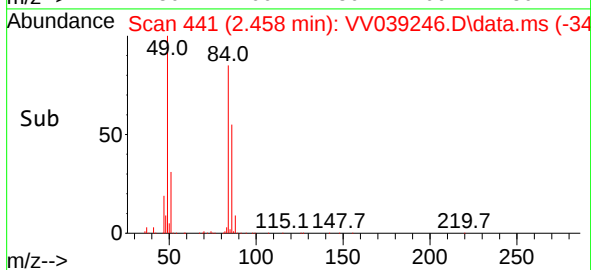
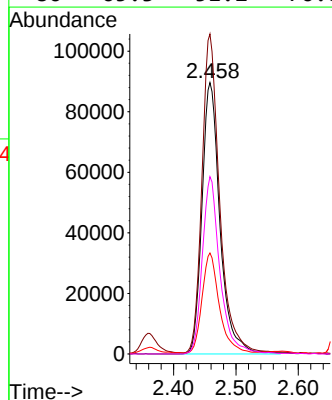
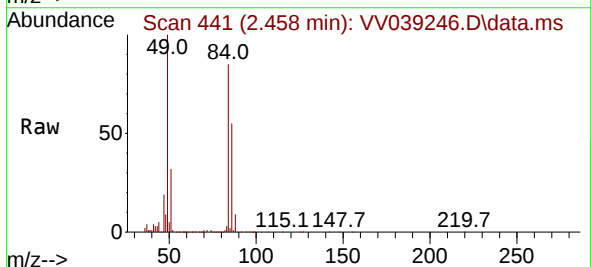
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 73 Resp: 521032
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4



#20
Methylene Chloride
Concen: 20.156 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 84 Resp: 180046
Ion Ratio Lower Upper
84 100
49 117.5 102.8 154.2
51 36.7 31.9 47.9
86 65.3 51.2 76.8

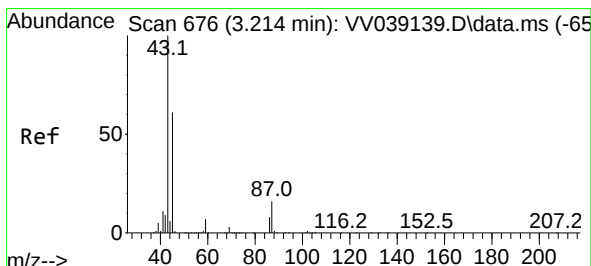
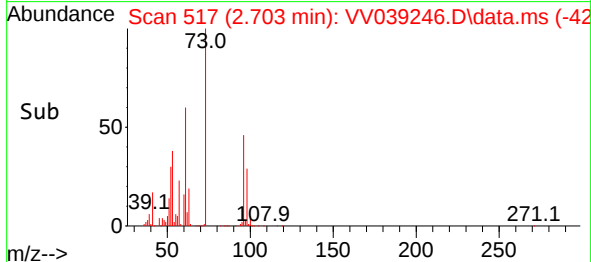
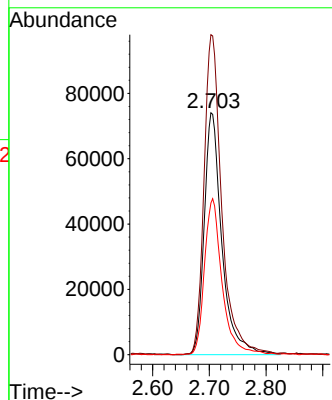
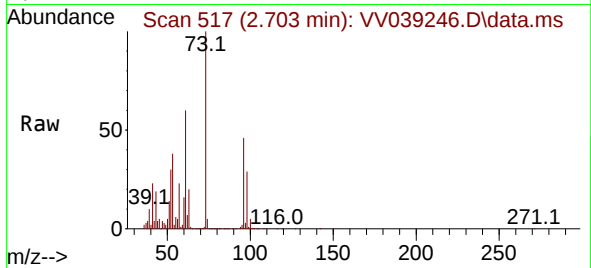




#21
trans-1,2-Dichloroethene
Concen: 18.803 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

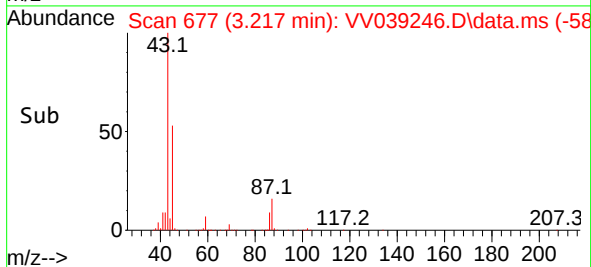
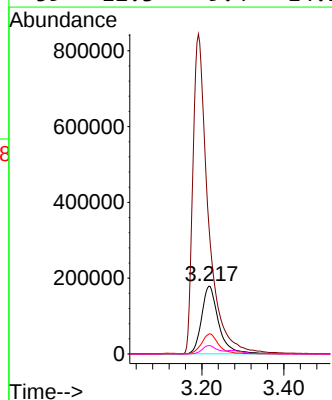
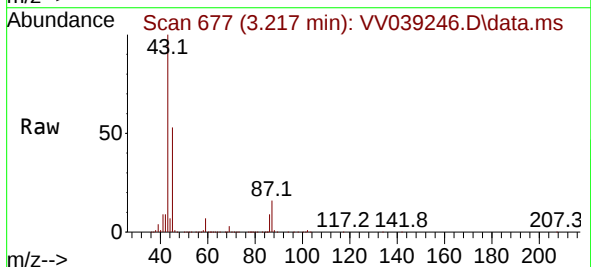
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 96 Resp: 160169
Ion Ratio Lower Upper
96 100
61 132.3 112.8 169.2
98 62.5 51.1 76.7



#22
Diisopropyl ether
Concen: 18.766 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 45 Resp: 513200
Ion Ratio Lower Upper
45 100
43 187.2 130.9 196.3
87 29.3 21.1 31.7
59 12.3 9.4 14.2

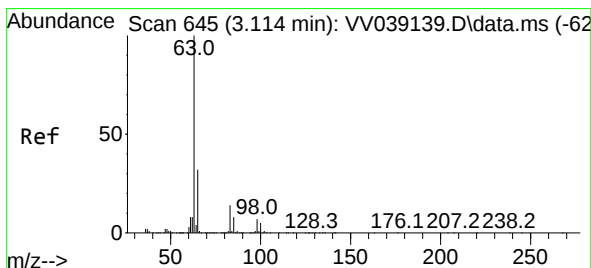
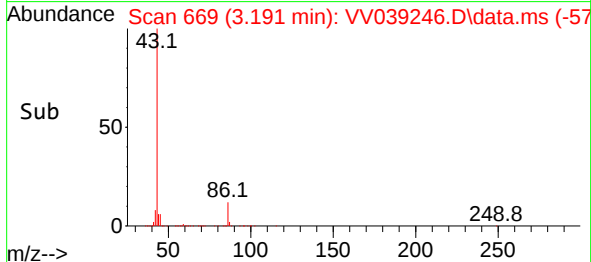
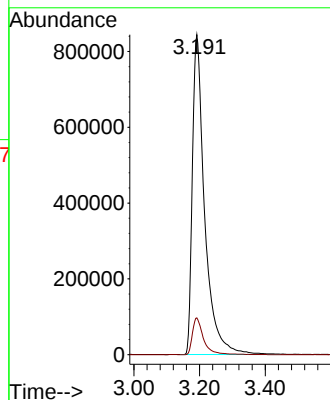
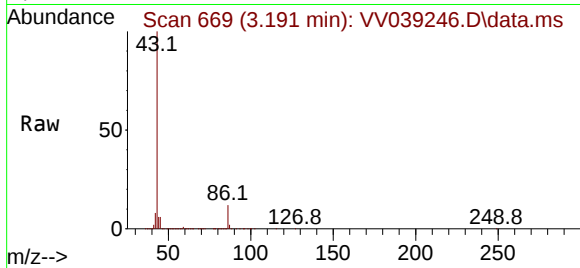




#23
 Vinyl Acetate
 Concen: 91.989 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

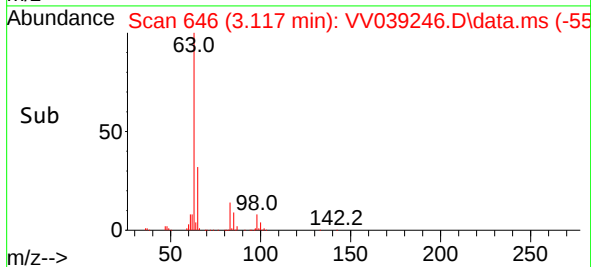
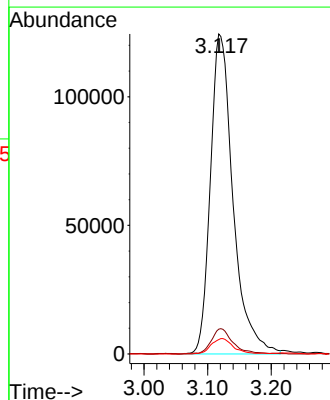
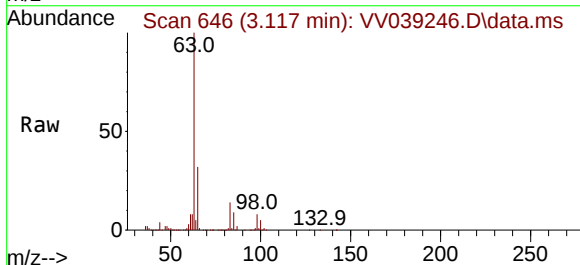
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

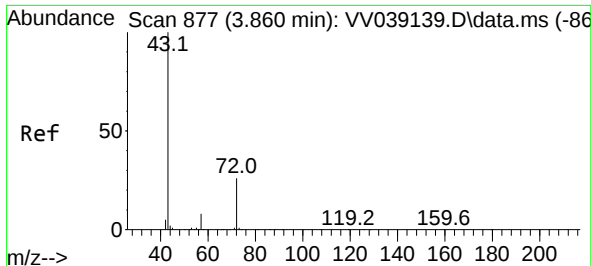
Tgt Ion: 43 Resp: 2200657
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.387 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion: 63 Resp: 307499
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 4.5 2.2 6.6

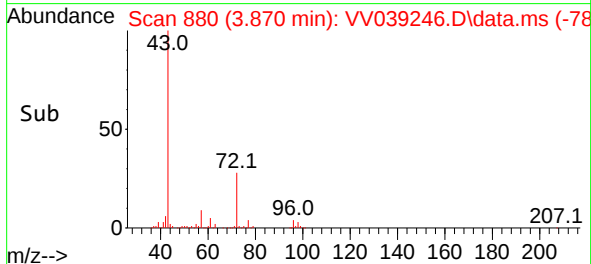
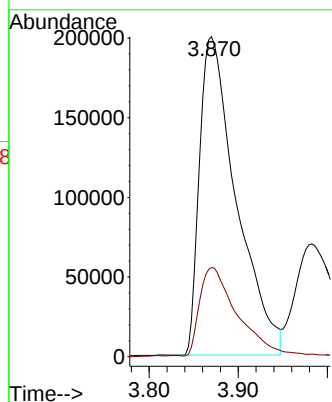
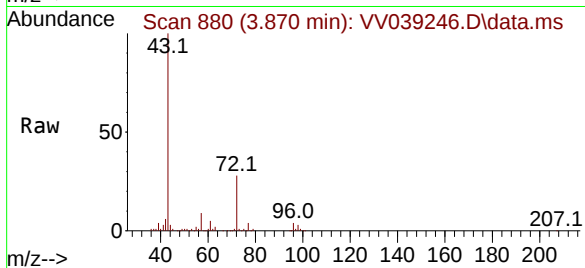




#25
2-Butanone
Concen: 93.540 ug/l
RT: 3.870 min Scan# 81
Delta R.T. 0.010 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

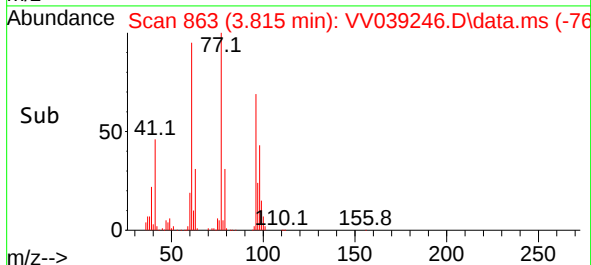
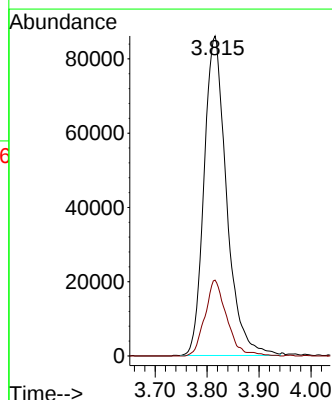
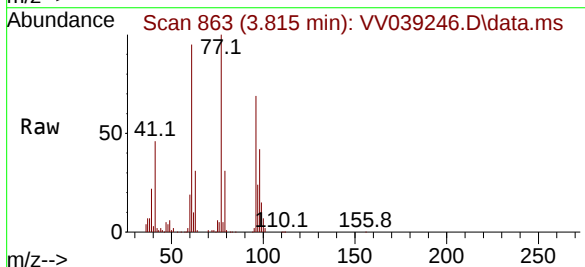
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 43 Resp: 575336
Ion Ratio Lower Upper
43 100
72 27.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.501 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 77 Resp: 259507
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7

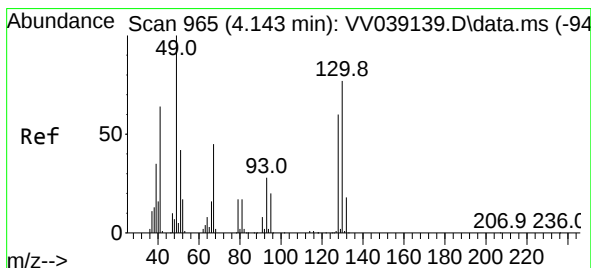
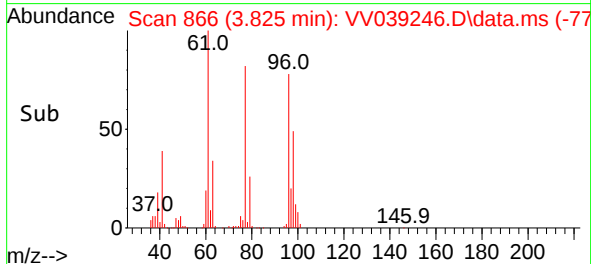
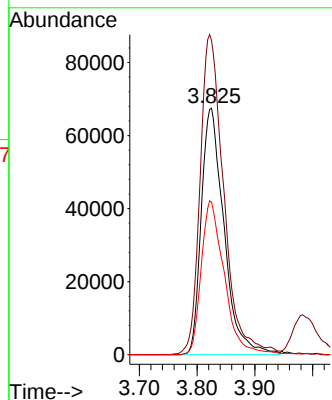
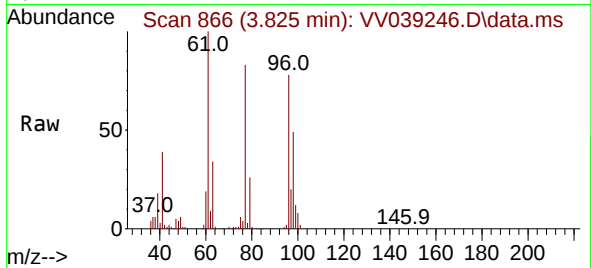




#27
 cis-1,2-Dichloroethene
 Concen: 19.640 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

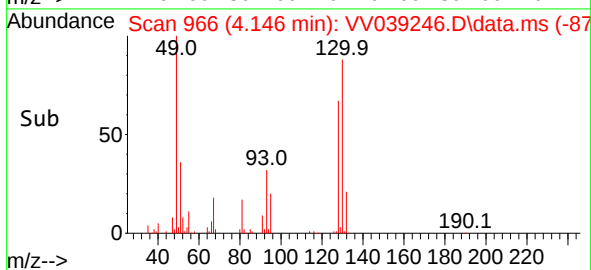
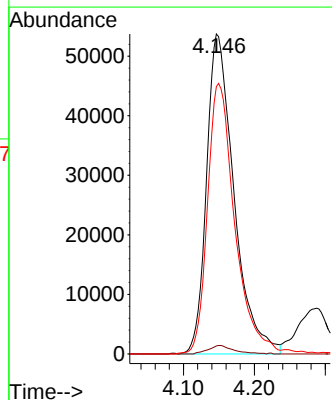
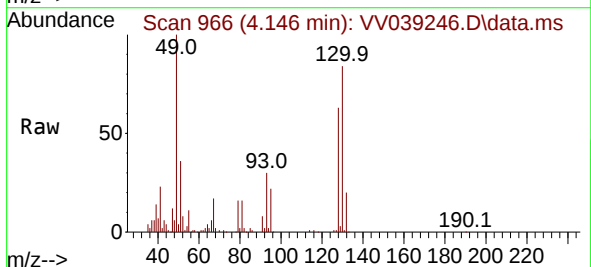
Instrument :
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 ClientSampleId :
 VV1003WBSD01

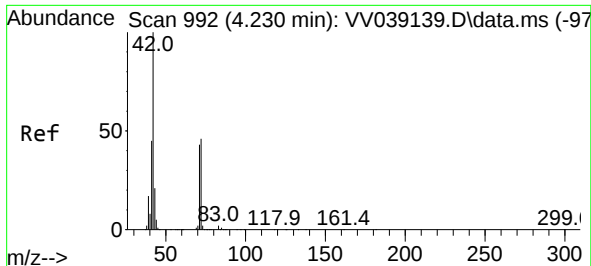
Tgt Ion: 96 Resp: 184518
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 286.4
 98 63.2 0.0 126.6



#28
 Bromochloromethane
 Concen: 19.566 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion: 49 Resp: 144451
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 83.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 92.448 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

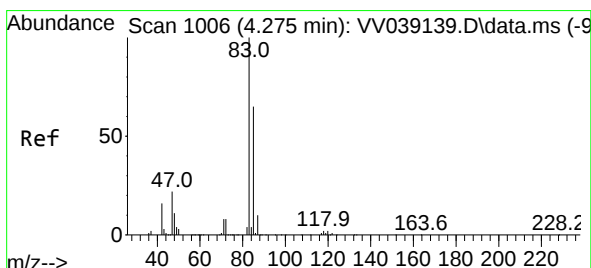
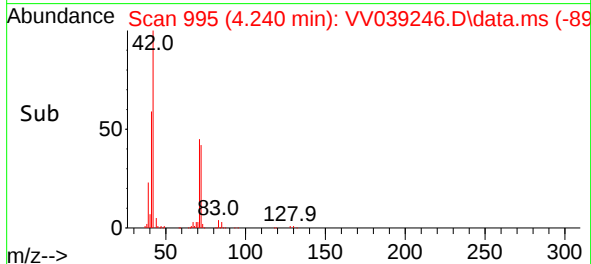
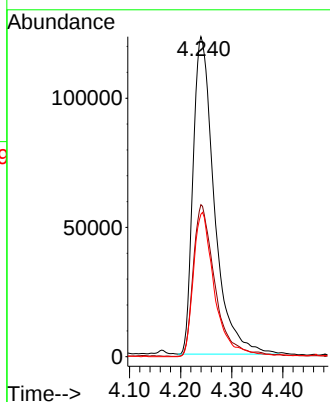
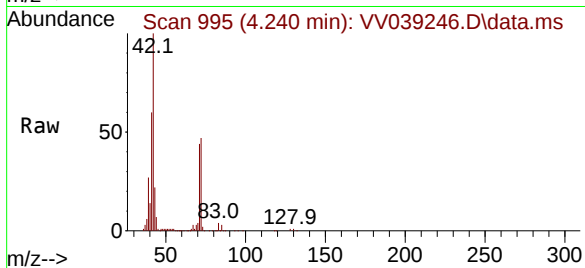
Tgt Ion: 42 Resp: 355912

Ion Ratio Lower Upper

42 100

72 47.9 36.3 54.5

71 45.4 34.3 51.5



#30

Chloroform

Concen: 18.241 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV039246.D

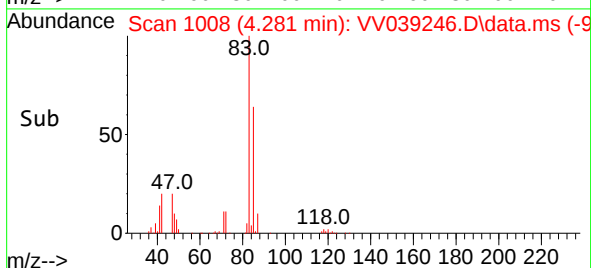
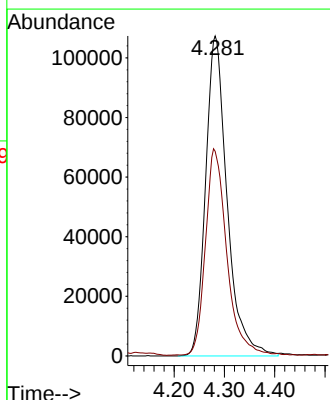
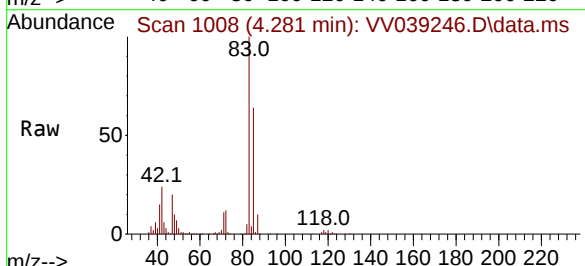
Acq: 03 Oct 2025 13:29

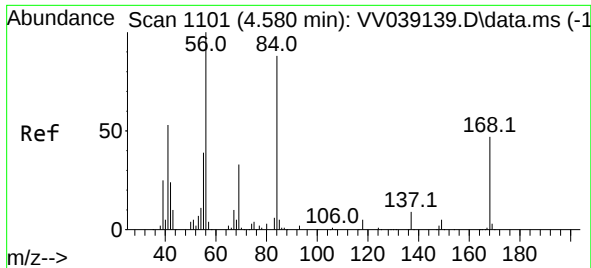
Tgt Ion: 83 Resp: 318542

Ion Ratio Lower Upper

83 100

85 63.6 52.1 78.1

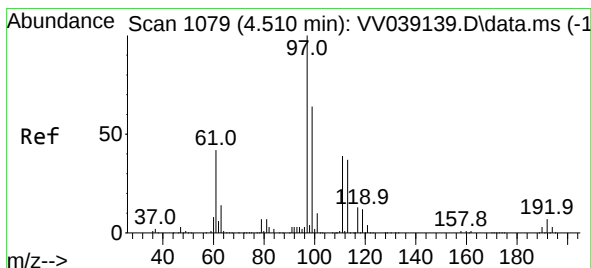
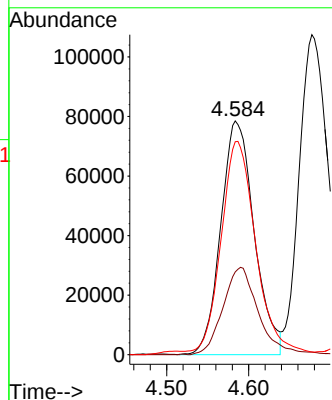
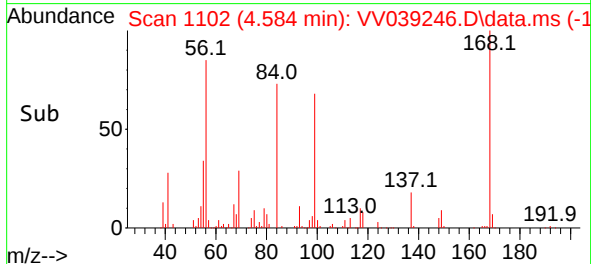
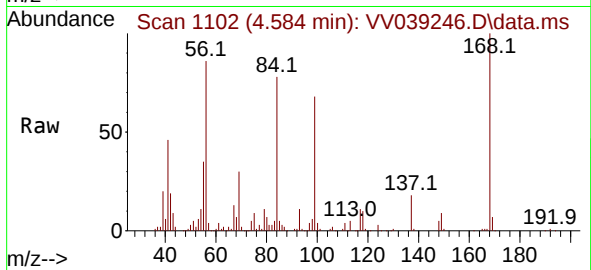




#31
Cyclohexane
Concen: 16.259 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

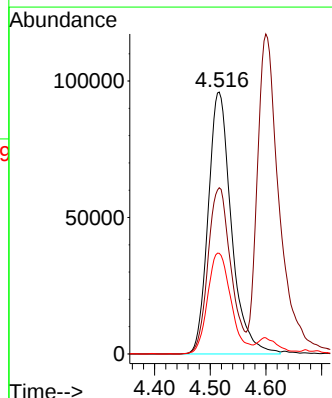
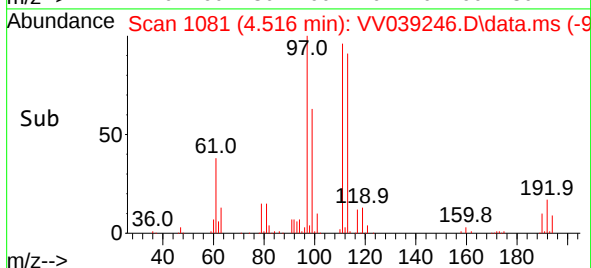
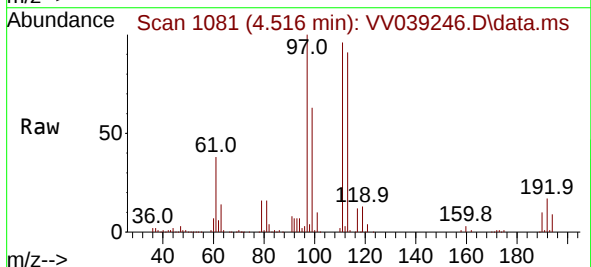
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 56 Resp: 222742
Ion Ratio Lower Upper
56 100
69 35.2 26.2 39.2
84 89.7 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 18.368 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 97 Resp: 277703
Ion Ratio Lower Upper
97 100
99 62.3 49.6 74.4
61 39.2 34.5 51.7

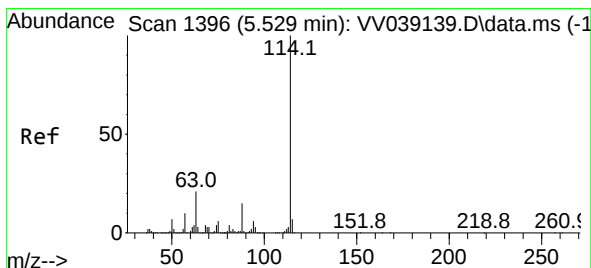
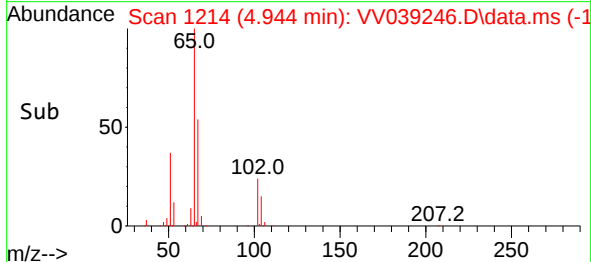
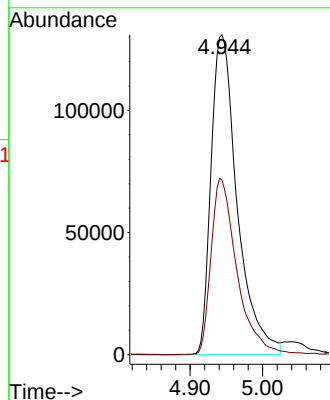
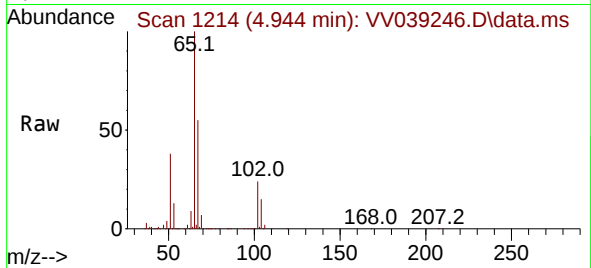




#33
1,2-Dichloroethane-d4
Concen: 42.788 ug/l
RT: 4.944 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

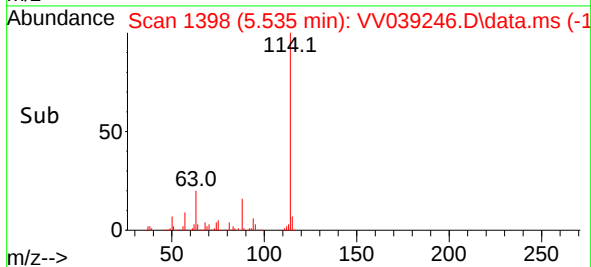
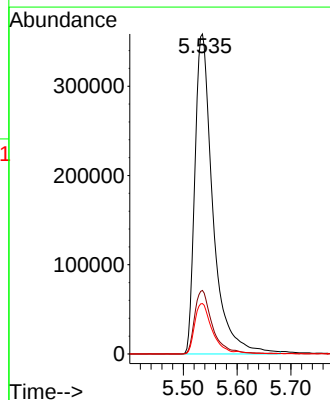
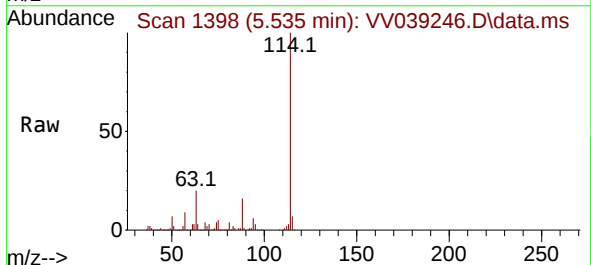
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 65 Resp: 328654
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 114 Resp: 834883
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.8 0.0 30.8

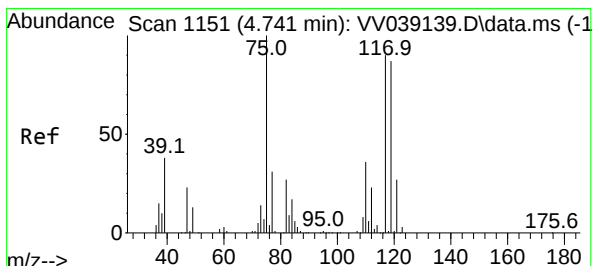
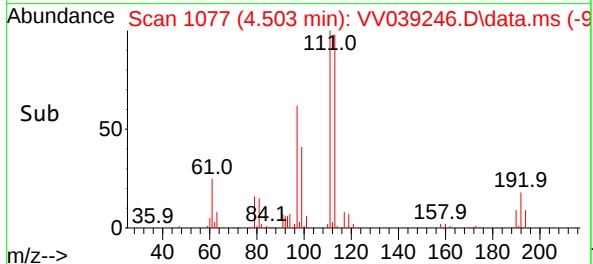
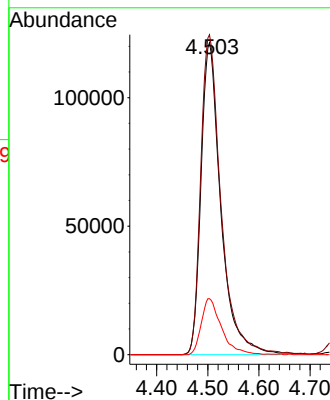
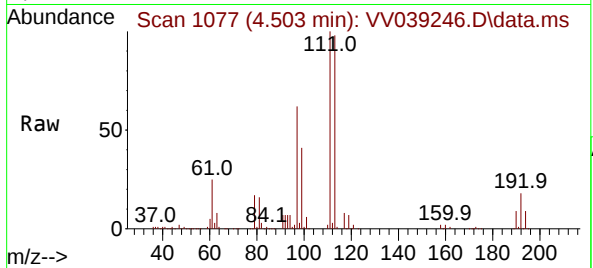




#35
 Dibromofluoromethane
 Concen: 48.578 ug/l
 RT: 4.503 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

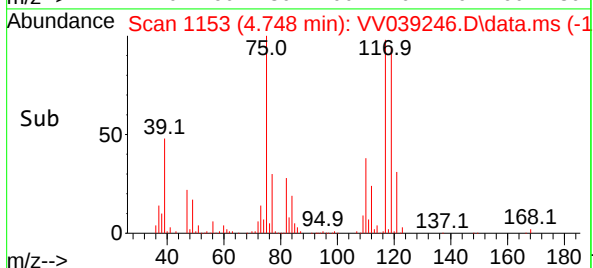
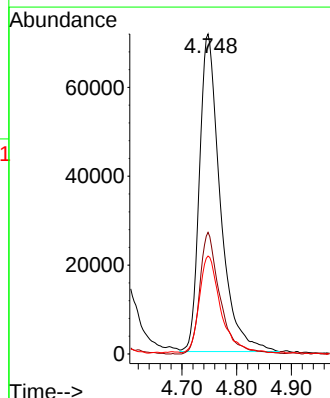
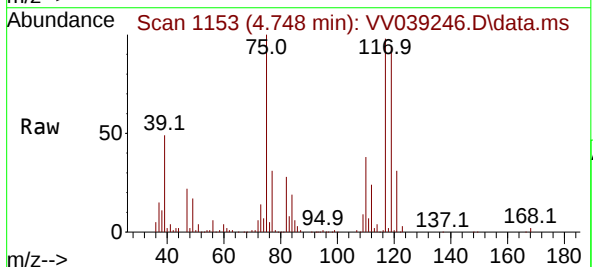
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

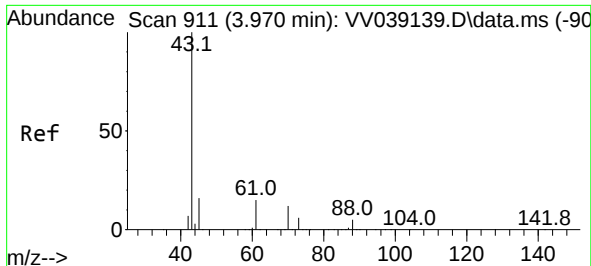
Tgt Ion:113 Resp: 326044
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.4 123.6
 192 18.3 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 18.613 ug/l
 RT: 4.748 min Scan# 1153
 Delta R.T. 0.007 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion: 75 Resp: 188879
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.1 54.1
 77 30.8 24.8 37.2

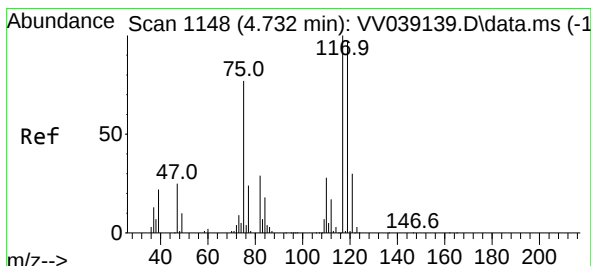
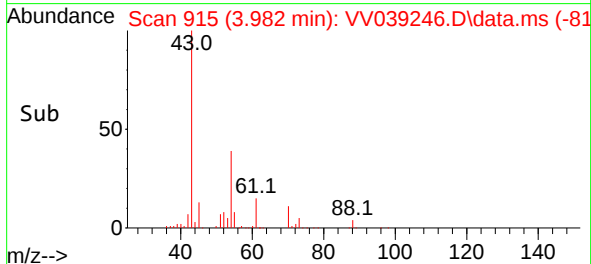
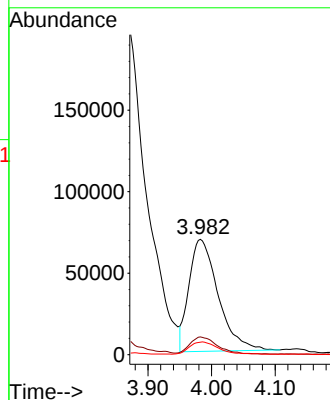
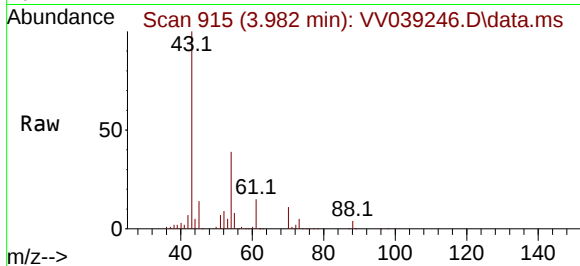




#37
Ethyl Acetate
Concen: 17.798 ug/l
RT: 3.982 min Scan# 911
Delta R.T. 0.012 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

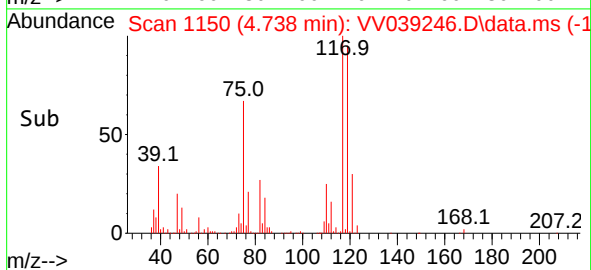
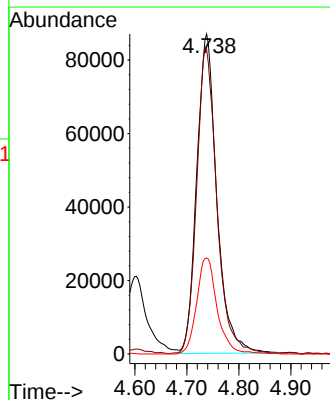
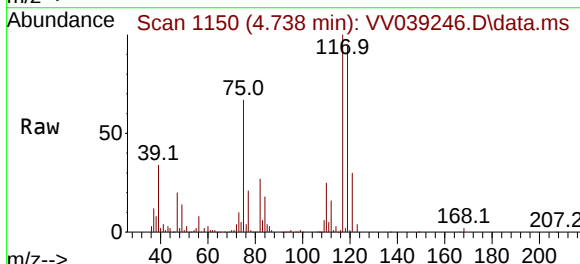
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

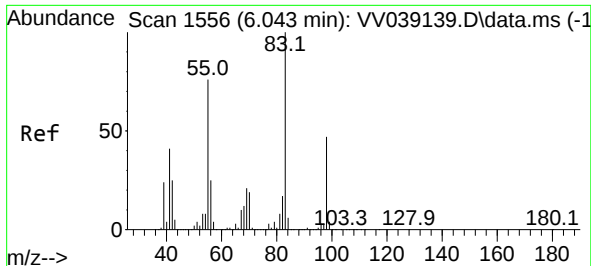
Tgt Ion: 43 Resp: 219152
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 10.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 18.800 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 117 Resp: 233151
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 30.1 24.2 36.2

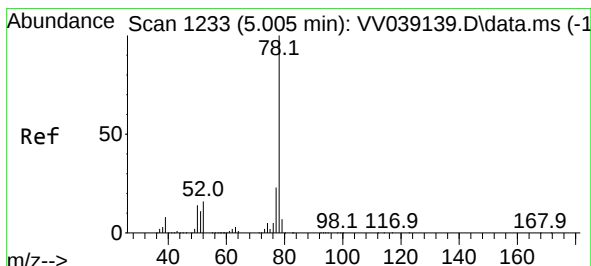
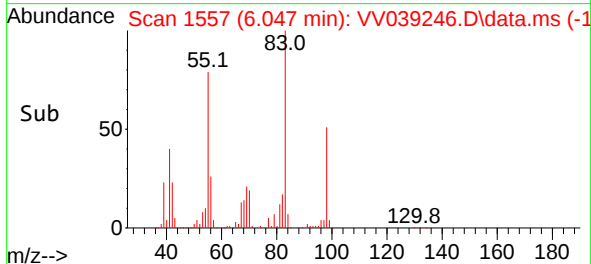
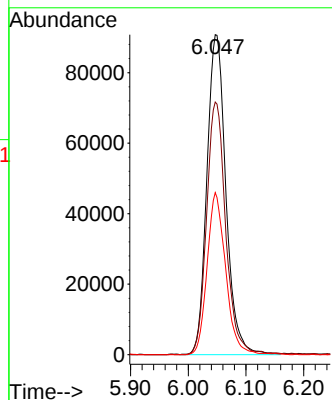
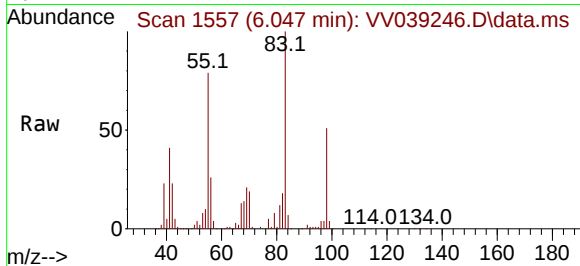




#39
Methylcyclohexane
Concen: 16.976 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

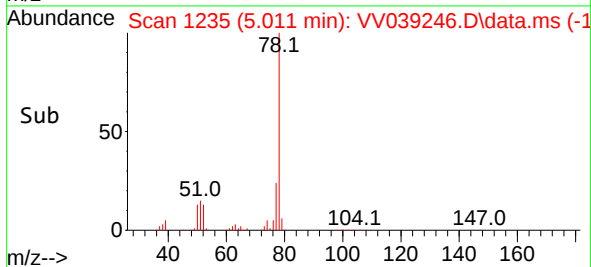
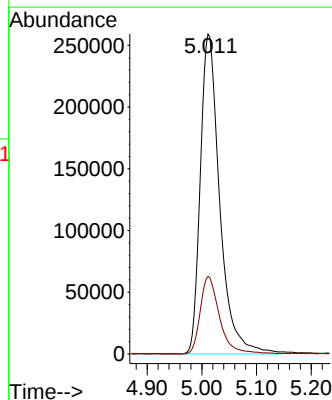
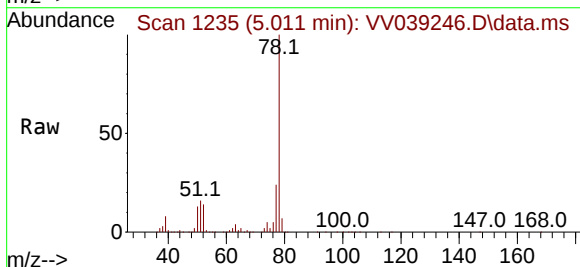
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

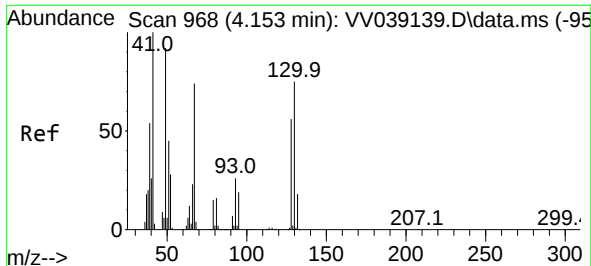
Tgt Ion: 83 Resp: 208027
Ion Ratio Lower Upper
83 100
55 79.0 60.5 90.7
98 50.7 37.8 56.6



#40
Benzene
Concen: 19.301 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 78 Resp: 637793
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1

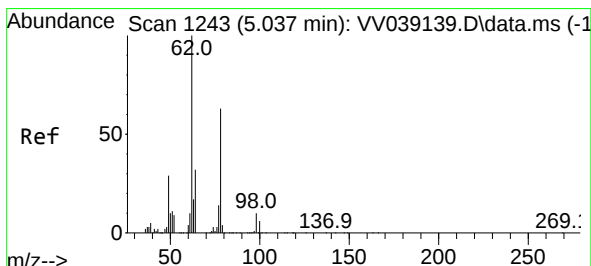
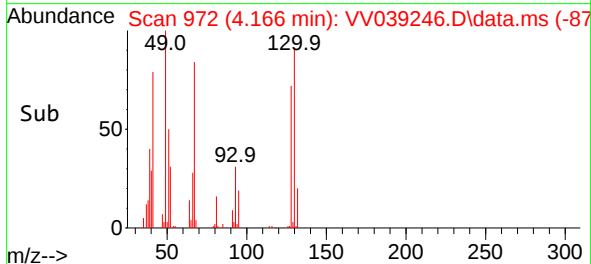
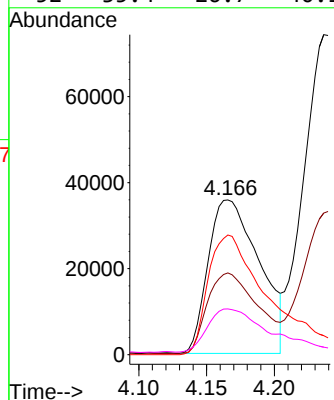
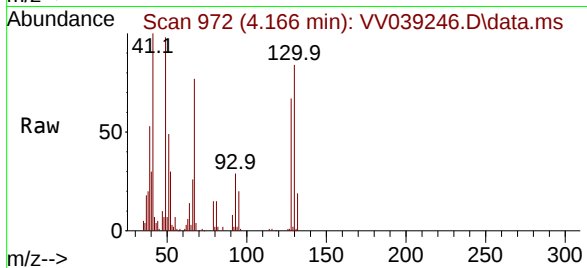




#41
Methacrylonitrile
Concen: 18.084 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

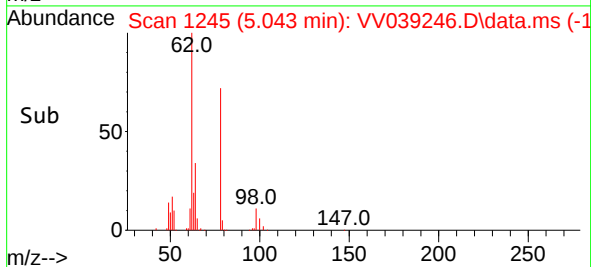
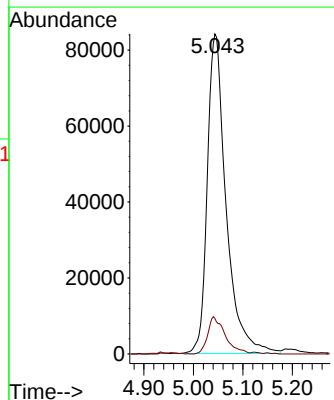
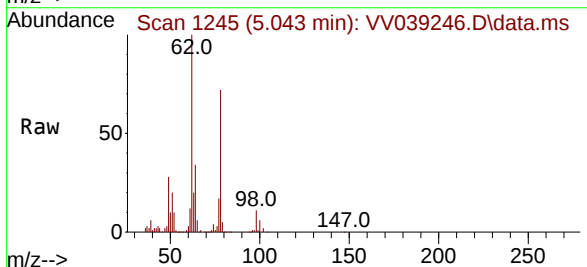
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

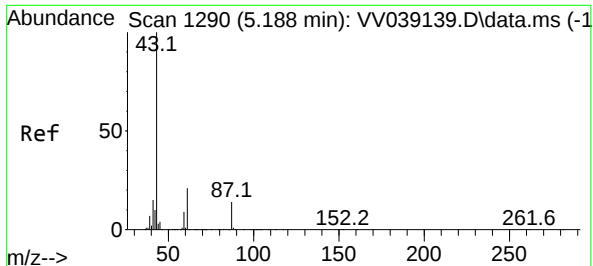
Tgt Ion:	41	Resp:	93622
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.2	63.2
67	93.5	67.9	101.9
52	35.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.138 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion:	62	Resp:	221588
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.2

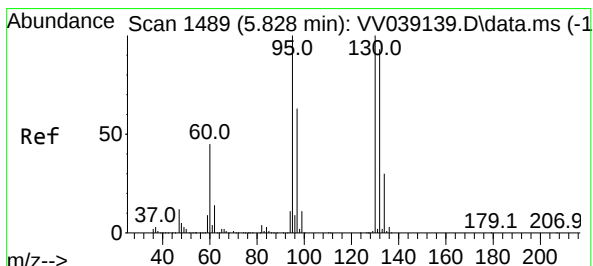
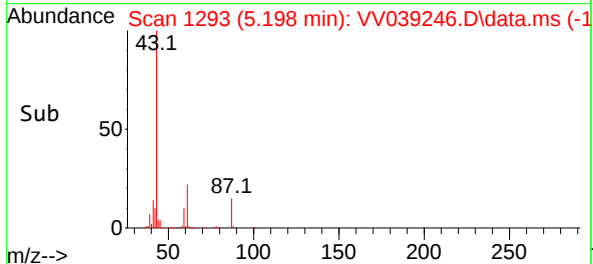
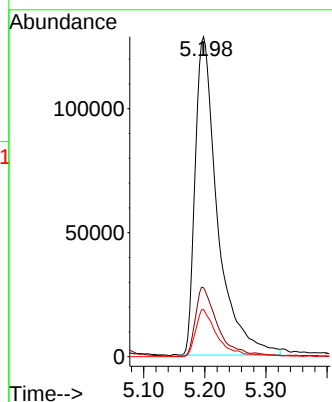
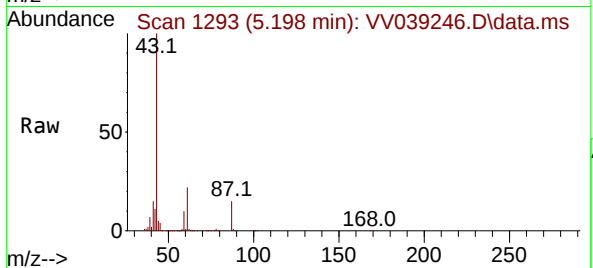




#43
Isopropyl Acetate
Concen: 19.491 ug/l
RT: 5.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

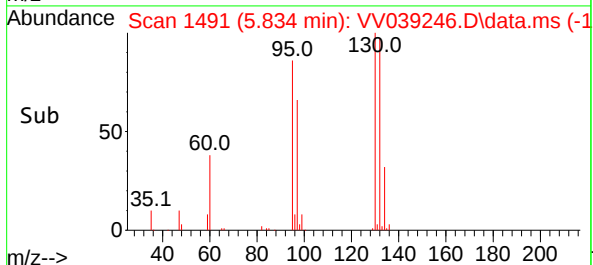
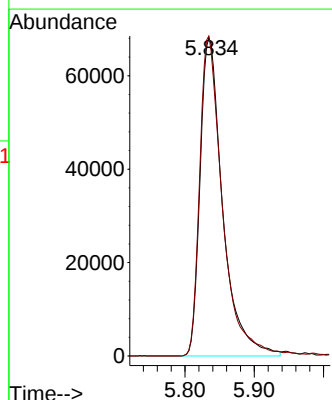
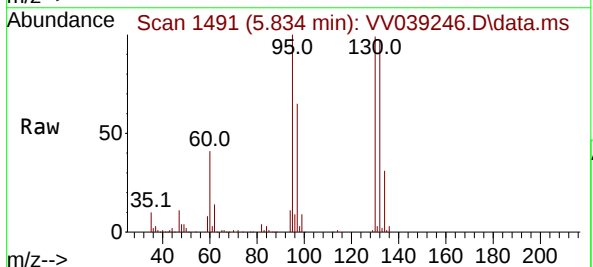
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

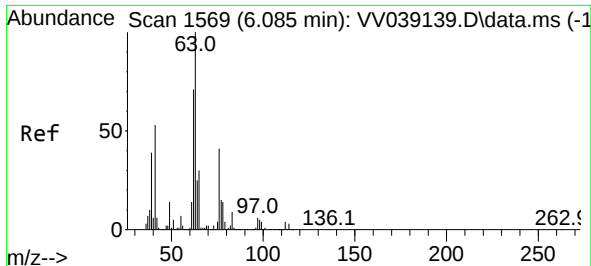
Tgt Ion: 43 Resp: 327228
Ion Ratio Lower Upper
43 100
61 20.7 15.9 23.9
87 14.3 11.0 16.6



#44
Trichloroethene
Concen: 20.259 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion:130 Resp: 154476
Ion Ratio Lower Upper
130 100
95 100.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.078 ug/l

RT: 6.092 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

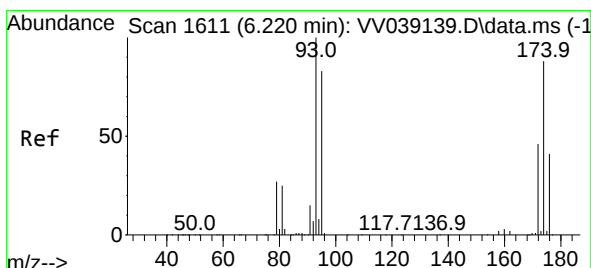
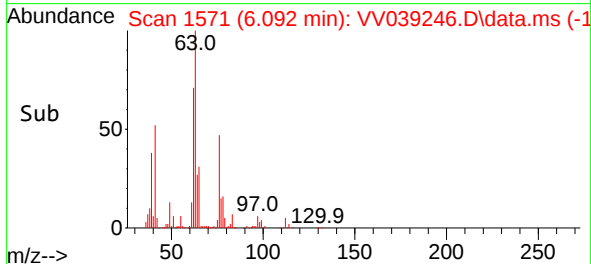
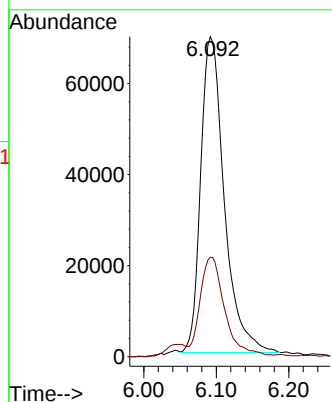
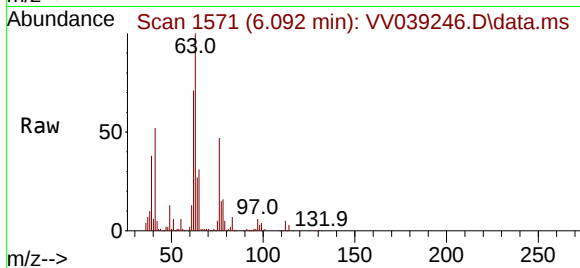
VV1003WBSD01

Tgt Ion: 63 Resp: 156695

Ion Ratio Lower Upper

63 100

65 30.8 23.7 35.5



#46

Dibromomethane

Concen: 20.117 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

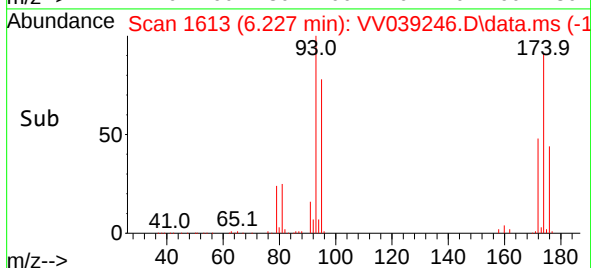
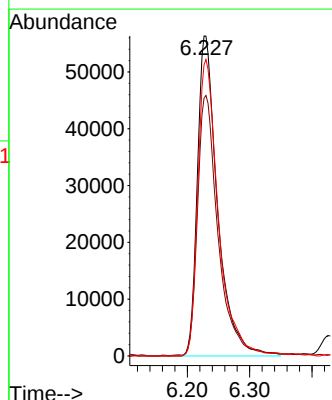
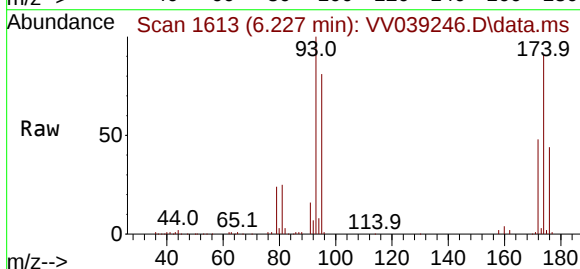
Tgt Ion: 93 Resp: 126461

Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

174 94.5 69.0 103.4

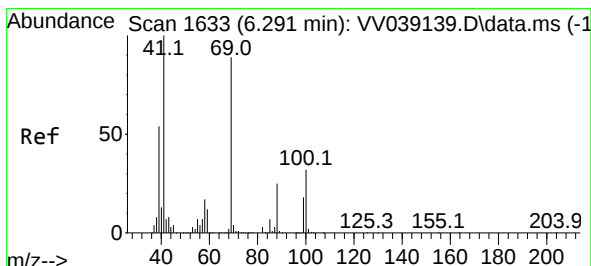
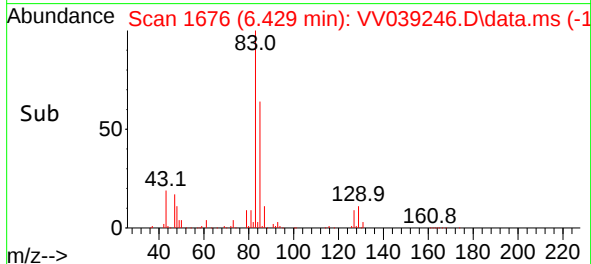
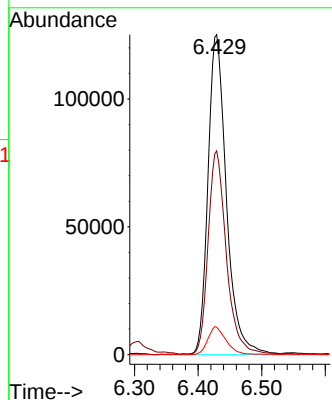
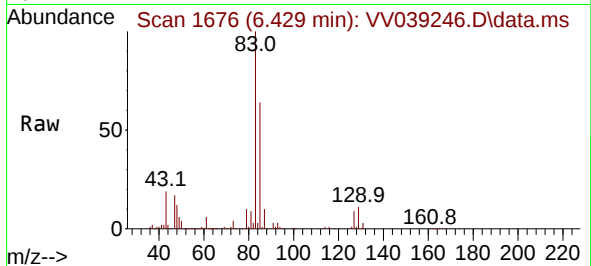




#47
Bromodichloromethane
Concen: 19.436 ug/l
RT: 6.429 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

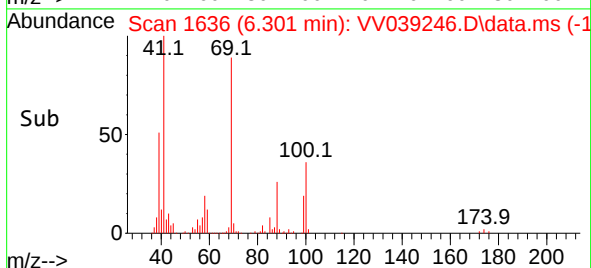
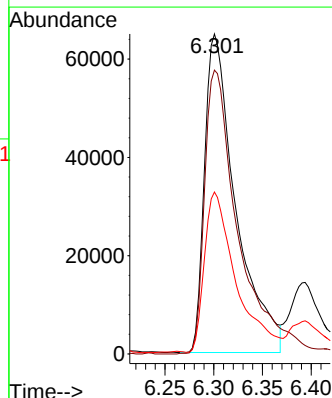
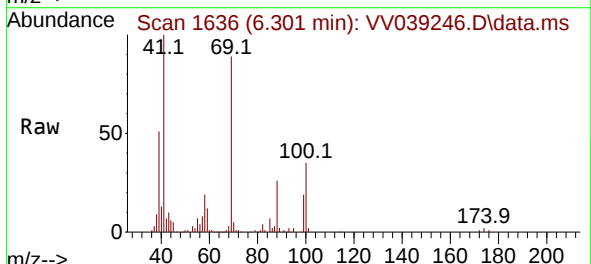
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

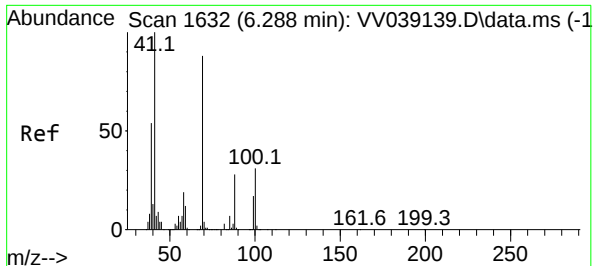
Tgt Ion: 83 Resp: 252593
Ion Ratio Lower Upper
83 100
85 63.5 49.7 74.5
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 19.024 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 41 Resp: 144785
Ion Ratio Lower Upper
41 100
69 96.7 72.4 108.6
39 51.1 42.5 63.7





#49

1,4-Dioxane

Concen: 358.959 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

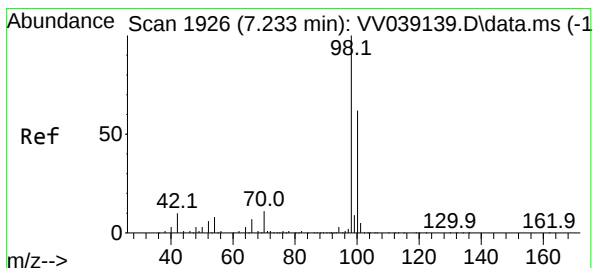
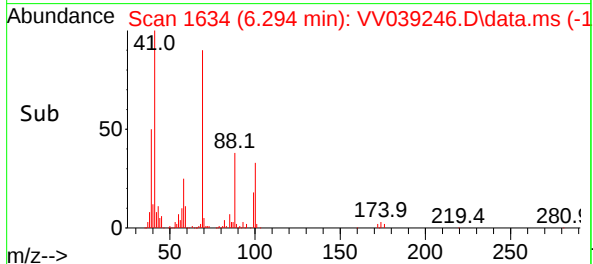
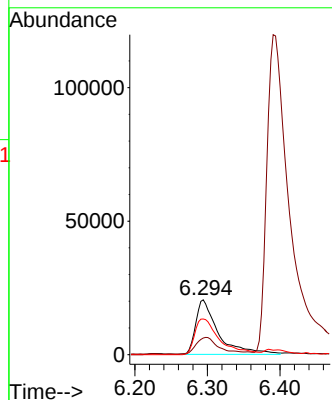
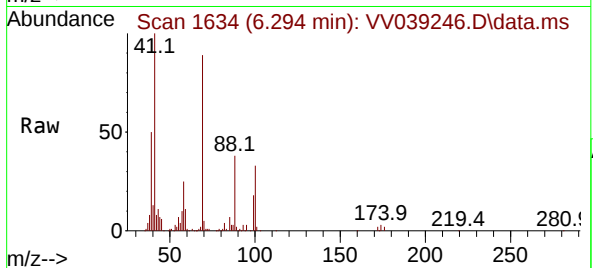
Tgt Ion: 88 Resp: 44086

Ion Ratio Lower Upper

88 100

43 30.2 25.1 37.7

58 72.3 53.6 80.4



#50

Toluene-d8

Concen: 45.278 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039246.D

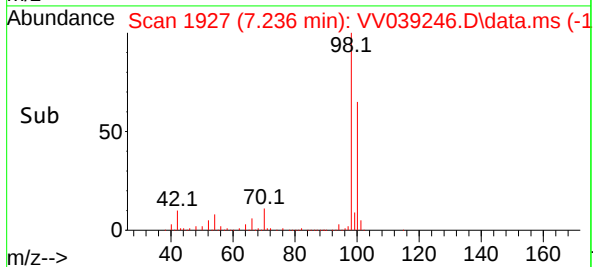
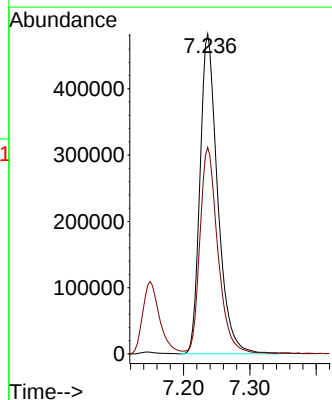
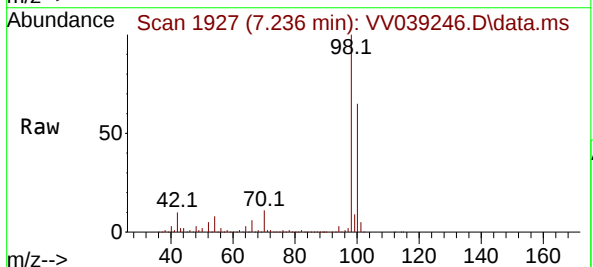
Acq: 03 Oct 2025 13:29

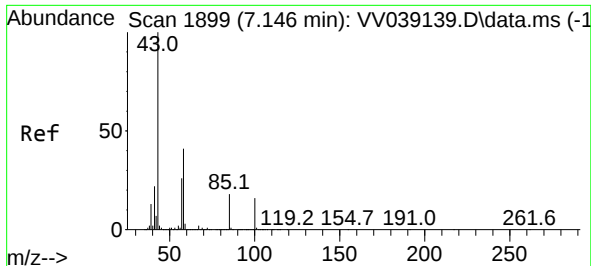
Tgt Ion: 98 Resp: 892549

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 105.425 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

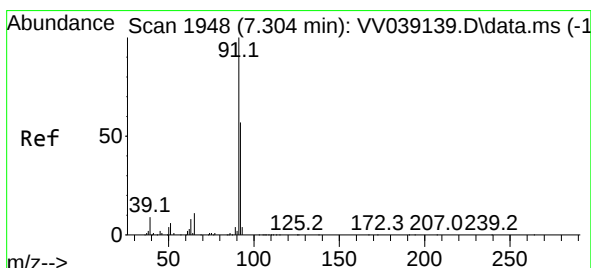
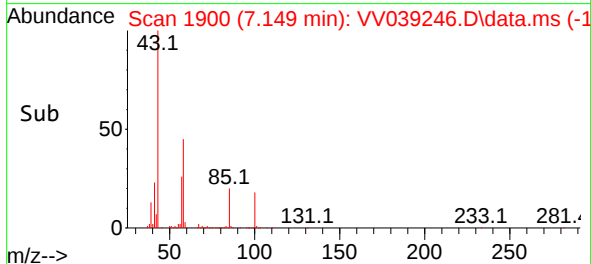
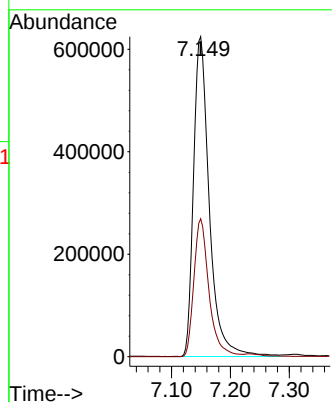
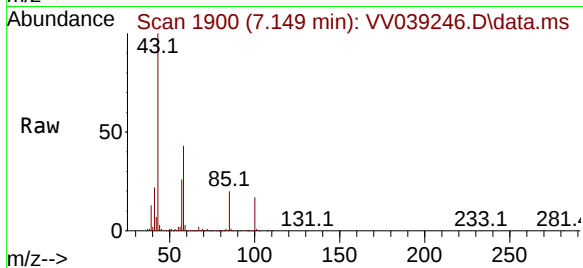
VV1003WBSD01

Tgt Ion: 43 Resp: 1164431

Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5



#52

Toluene

Concen: 20.898 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV039246.D

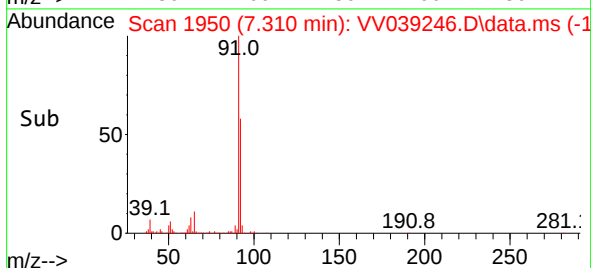
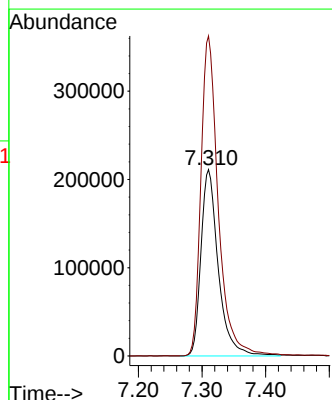
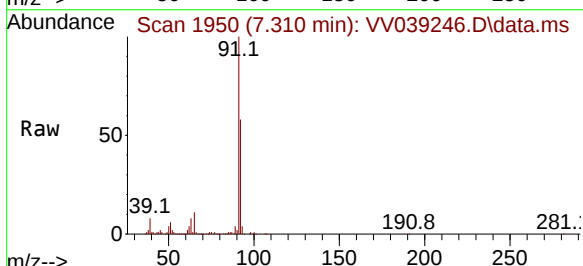
Acq: 03 Oct 2025 13:29

Tgt Ion: 92 Resp: 400377

Ion Ratio Lower Upper

92 100

91 171.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.288 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

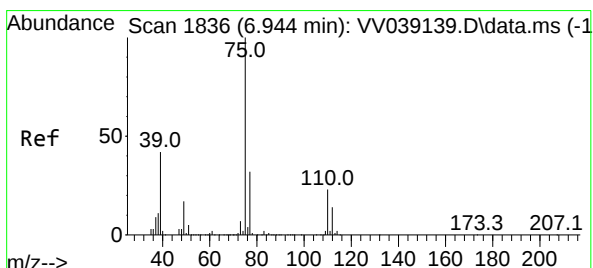
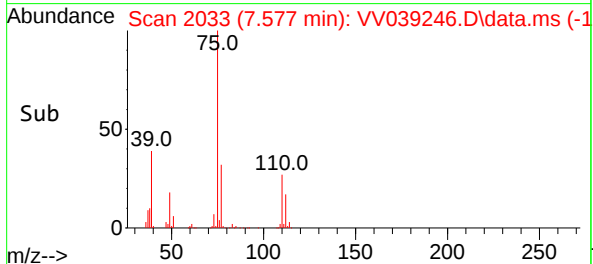
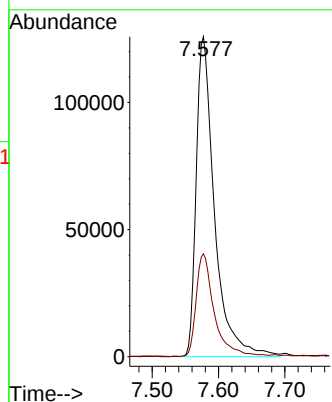
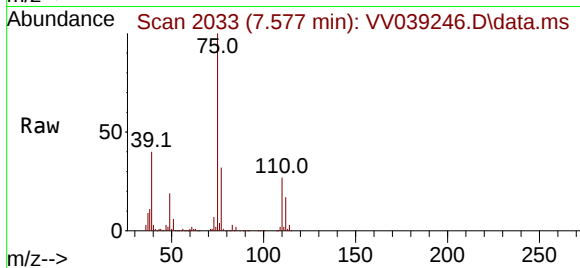
VV1003WBSD01

Tgt Ion: 75 Resp: 241108

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.095 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

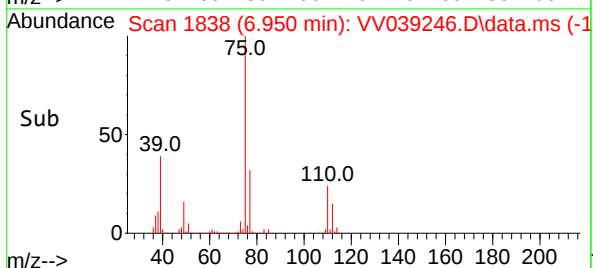
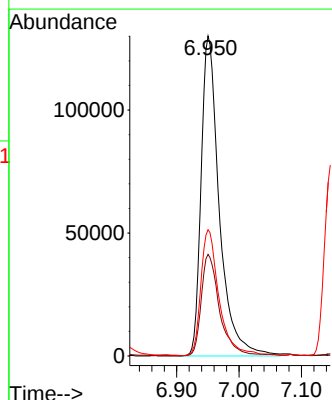
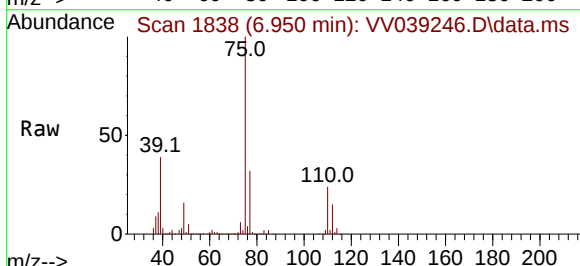
Tgt Ion: 75 Resp: 263751

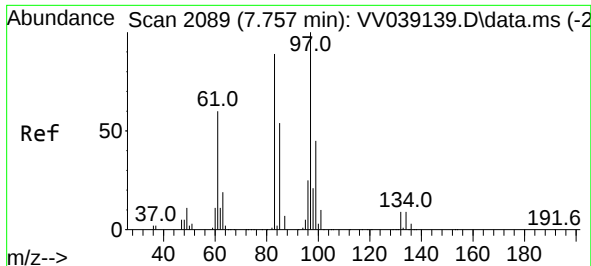
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 39.3 33.8 50.6



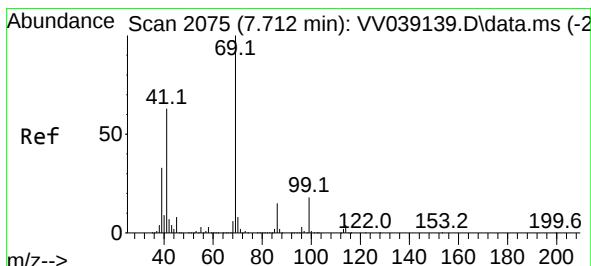
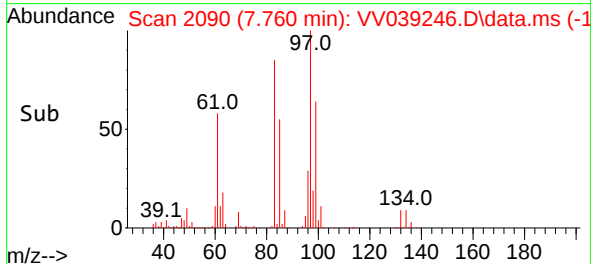
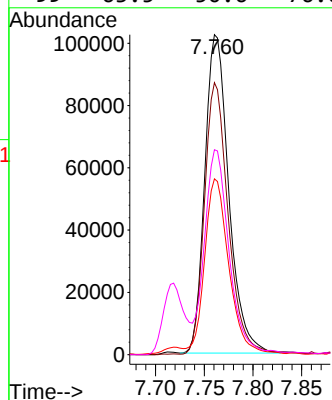
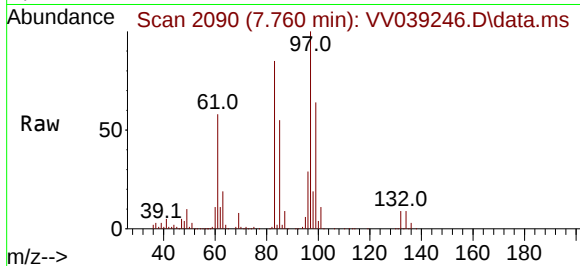


#55
1,1,2-Trichloroethane
Concen: 20.392 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 97 Resp: 175184

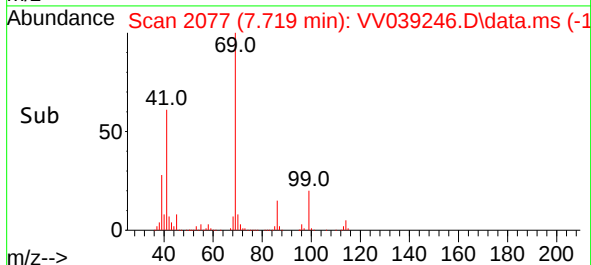
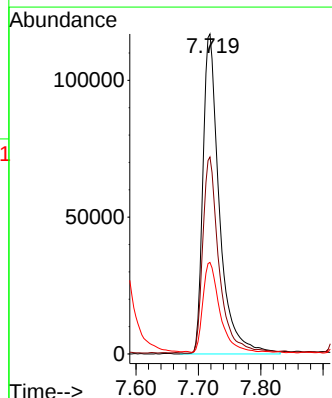
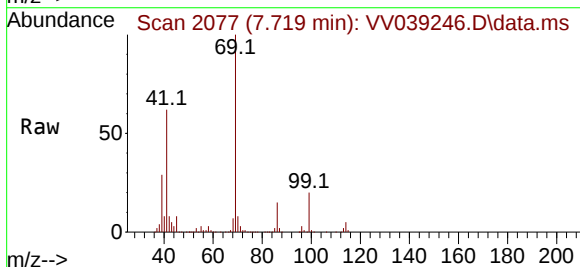
Ion	Ratio	Lower	Upper
97	100		
83	85.3	71.1	106.7
85	54.6	44.6	67.0
99	63.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 21.095 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 69 Resp: 215210

Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.7	76.1
39	28.7	26.0	39.0

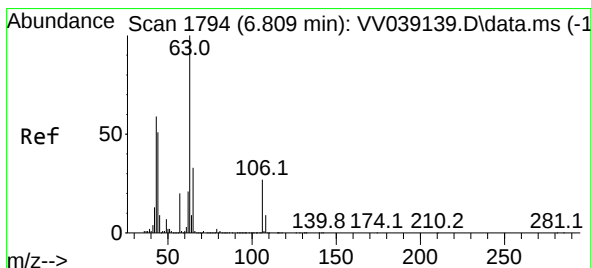
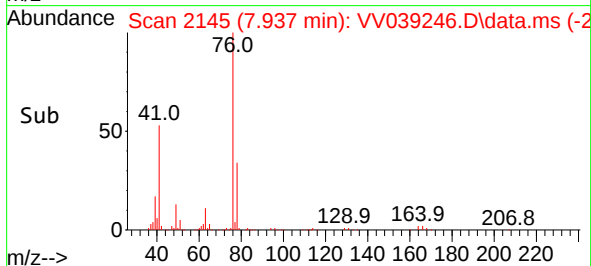
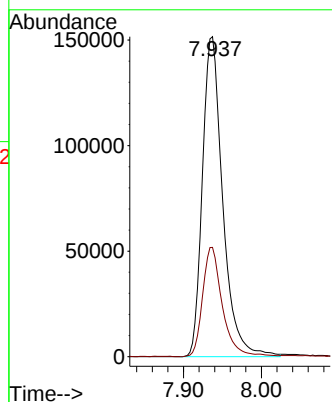
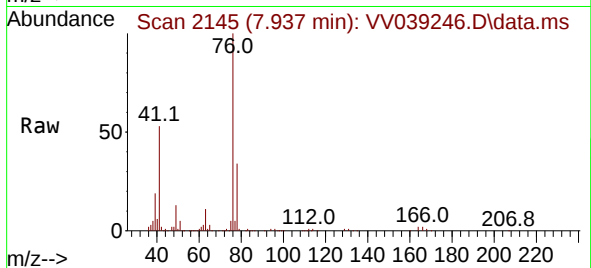




#57
1,3-Dichloropropane
Concen: 20.267 ug/l
RT: 7.937 min Scan# 2143
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

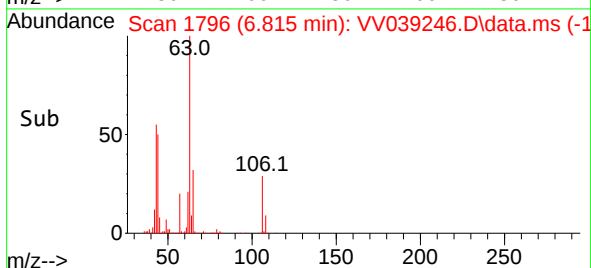
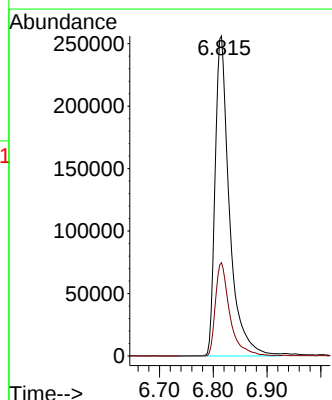
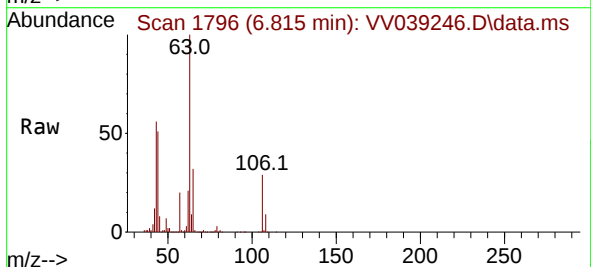
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 76 Resp: 274772
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 88.830 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 63 Resp: 474541
Ion Ratio Lower Upper
63 100
106 29.3 22.1 33.1

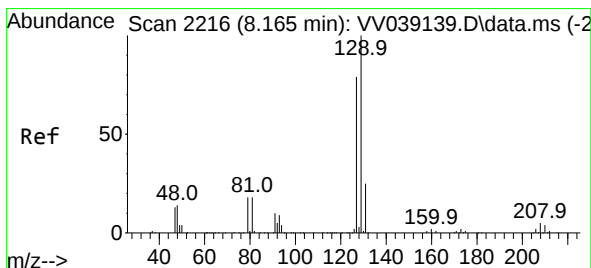
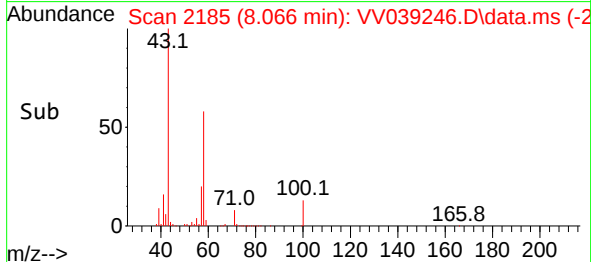
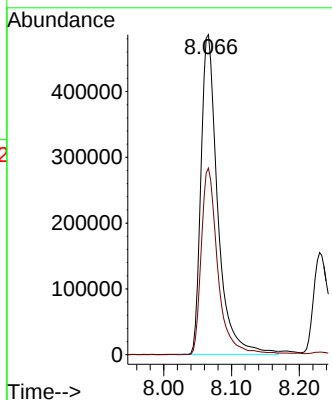
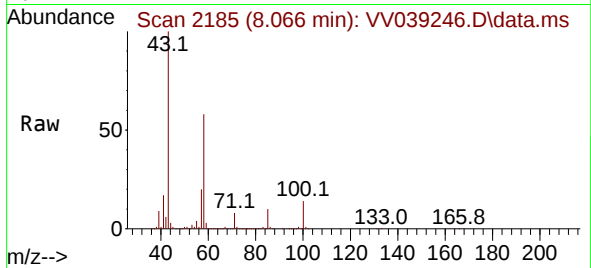




#59
2-Hexanone
Concen: 95.188 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

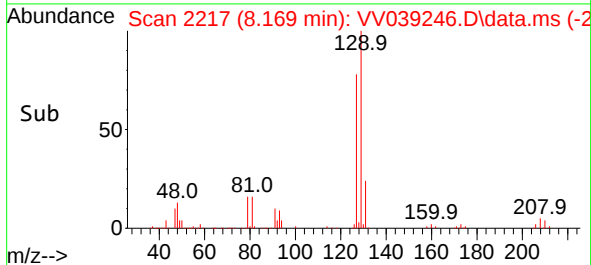
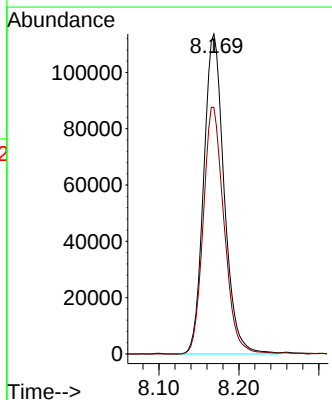
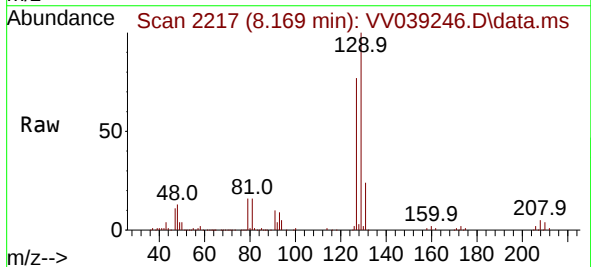
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 43 Resp: 835694
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0



#60
Dibromochloromethane
Concen: 20.644 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 129 Resp: 202074
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9

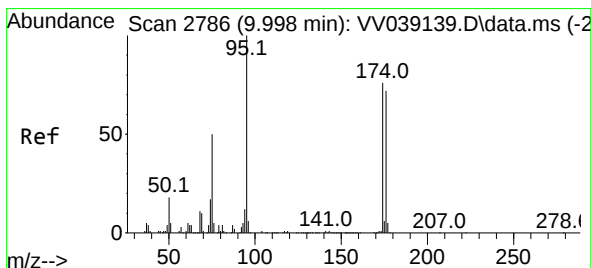
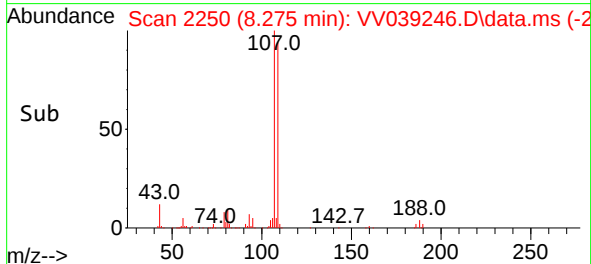
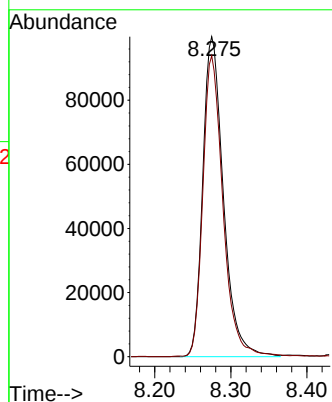
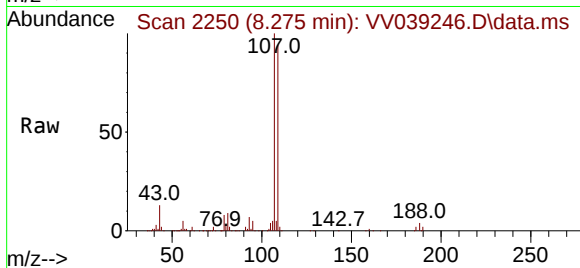




#61
1,2-Dibromoethane
Concen: 21.409 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

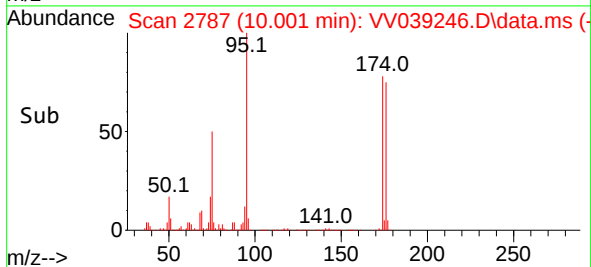
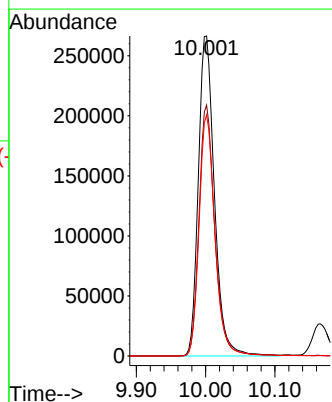
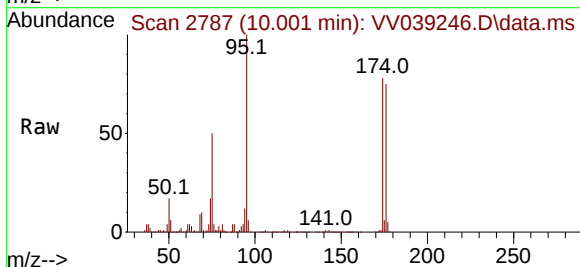
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

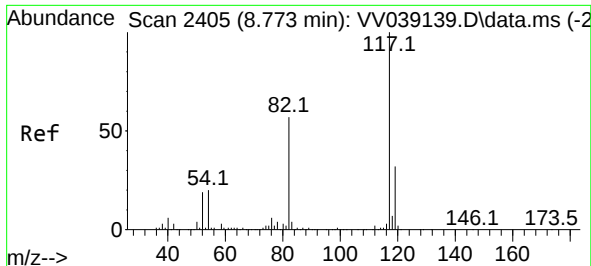
Tgt Ion:107 Resp: 188087
Ion Ratio Lower Upper
107 100
109 91.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 95 Resp: 431498
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.4
176 74.2 0.0 144.2

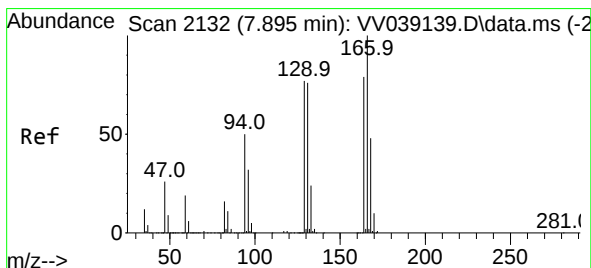
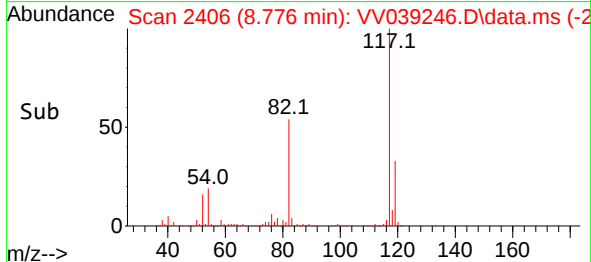
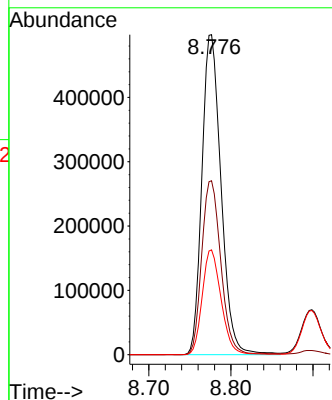
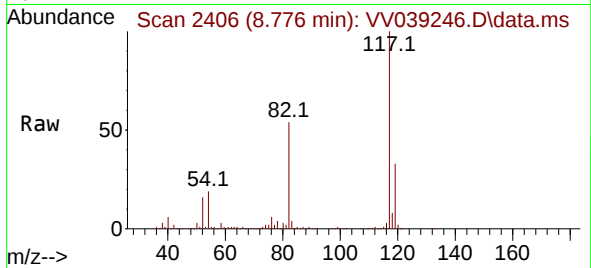




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

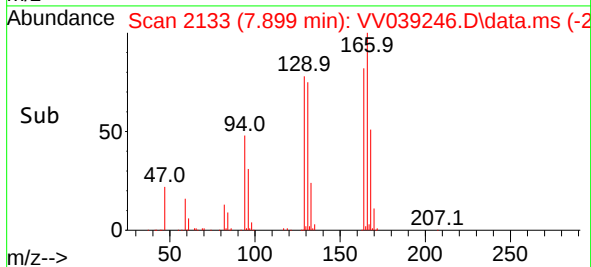
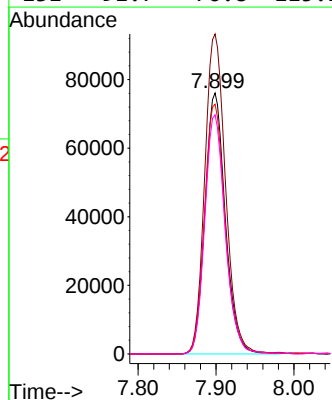
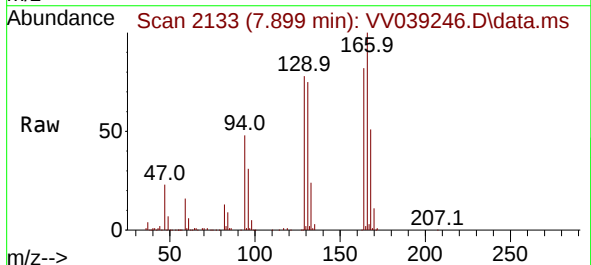
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

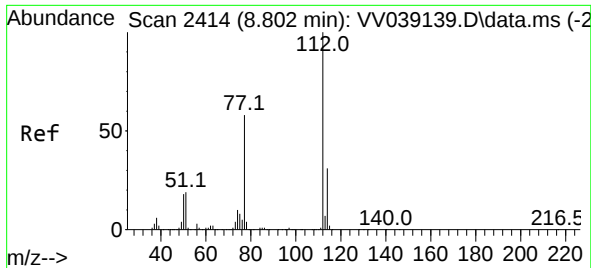
Tgt Ion:117 Resp: 807929
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.2
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 20.420 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion:164 Resp: 138188
Ion Ratio Lower Upper
164 100
166 122.6 101.6 152.4
129 95.7 78.5 117.7
131 91.7 76.8 115.2

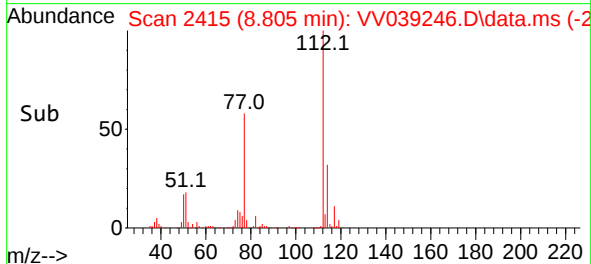
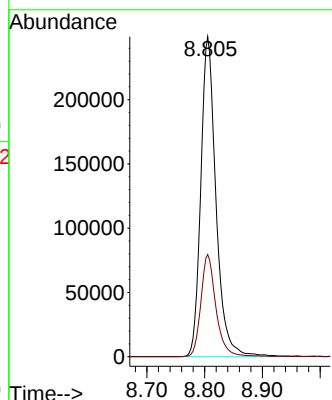
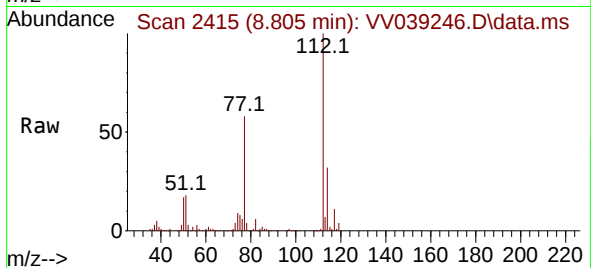




#65
Chlorobenzene
Concen: 20.212 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

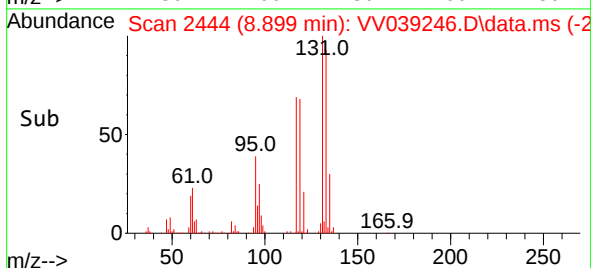
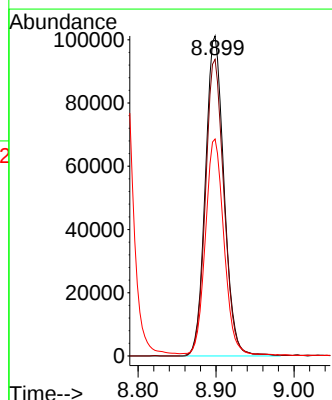
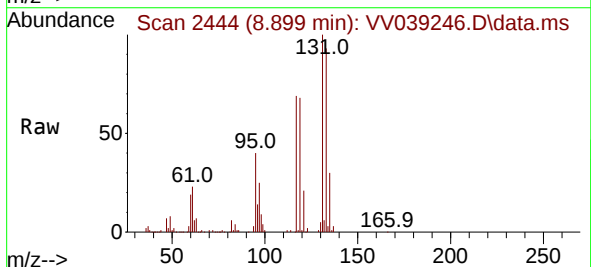
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

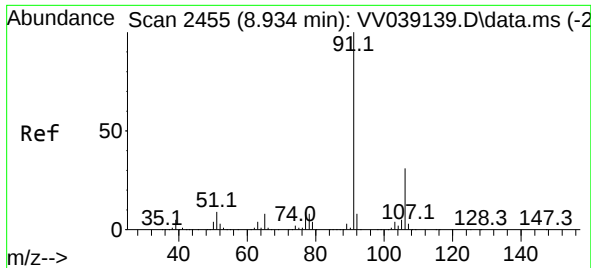
Tgt Ion:112 Resp: 454849
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.697 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion:131 Resp: 168298
Ion Ratio Lower Upper
131 100
133 92.0 47.3 141.8
119 66.8 33.3 99.8





#67

Ethyl Benzene

Concen: 20.232 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

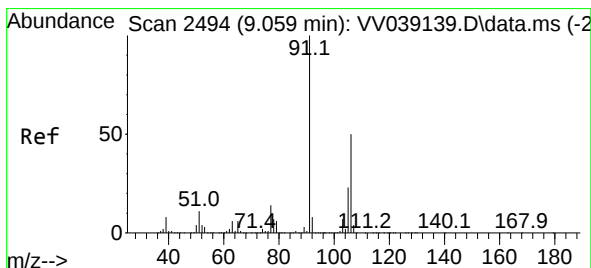
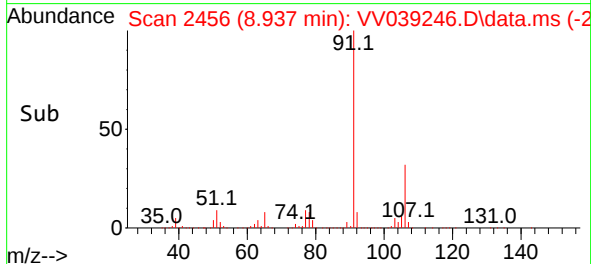
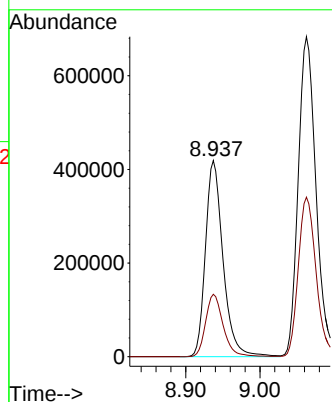
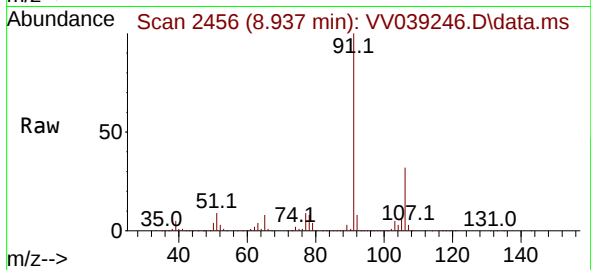
VV1003WBSD01

Tgt Ion: 91 Resp: 689222

Ion Ratio Lower Upper

91 100

106 31.8 24.6 37.0



#68

m/p-Xylenes

Concen: 43.267 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039246.D

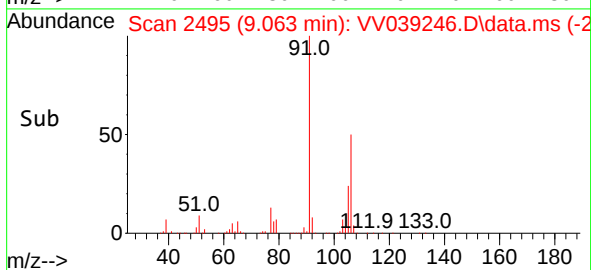
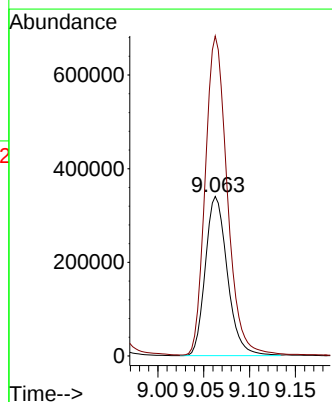
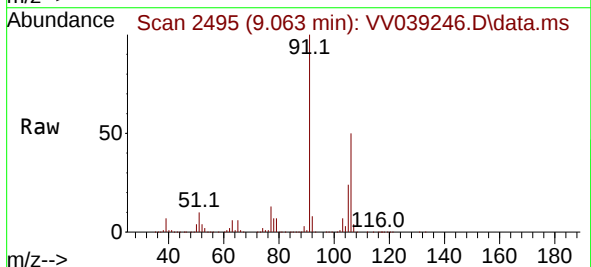
Acq: 03 Oct 2025 13:29

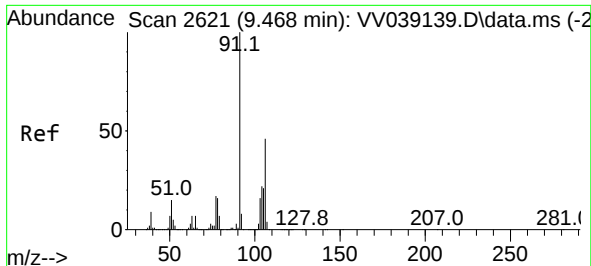
Tgt Ion:106 Resp: 568873

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7

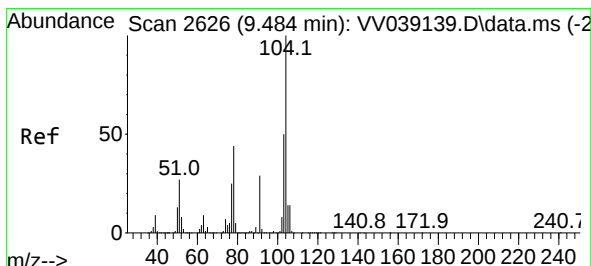
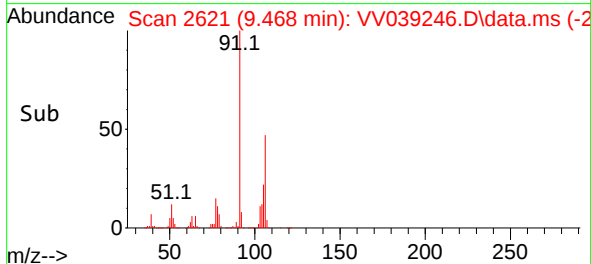
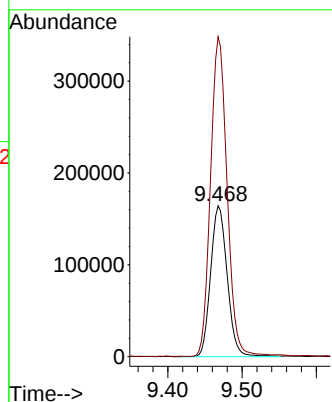
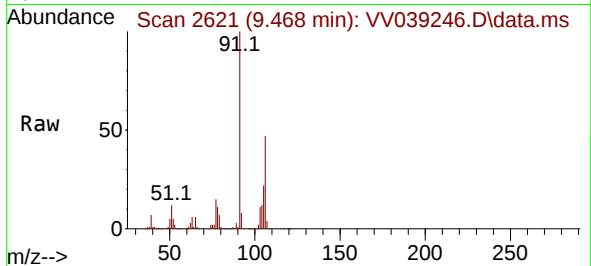




#69
o-Xylene
Concen: 21.827 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

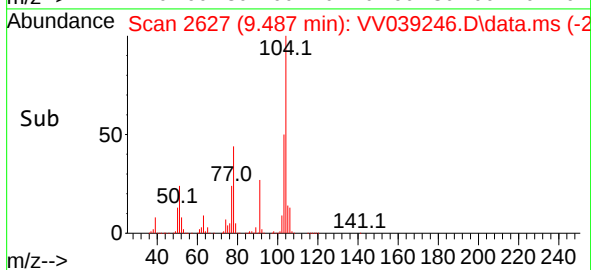
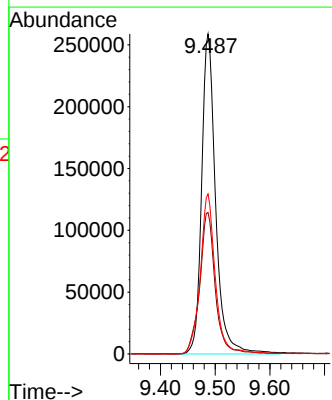
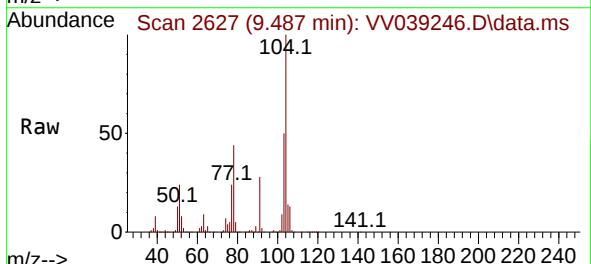
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

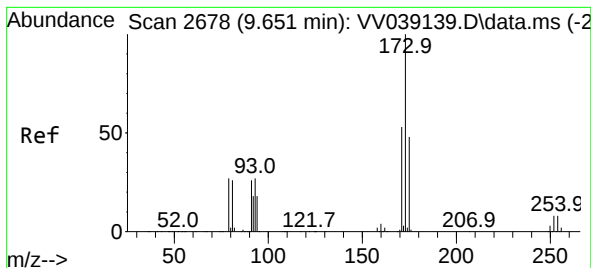
Tgt Ion:106 Resp: 254107
Ion Ratio Lower Upper
106 100
91 211.4 109.1 327.3



#70
Styrene
Concen: 19.600 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion:104 Resp: 461186
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 54.1 43.4 65.2





#71

Bromoform

Concen: 22.191 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

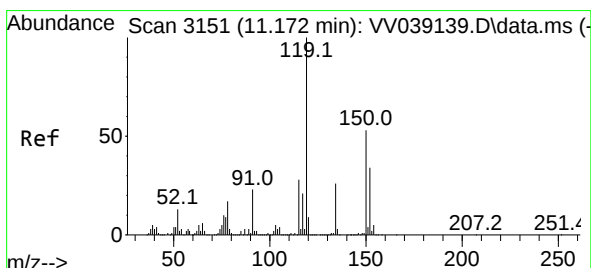
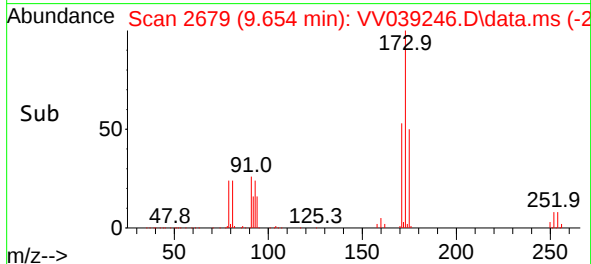
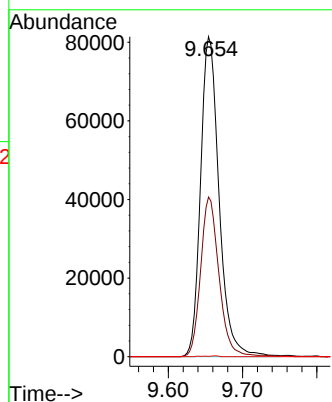
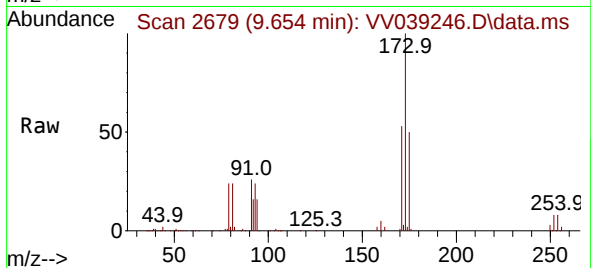
Tgt Ion:173 Resp: 140950

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

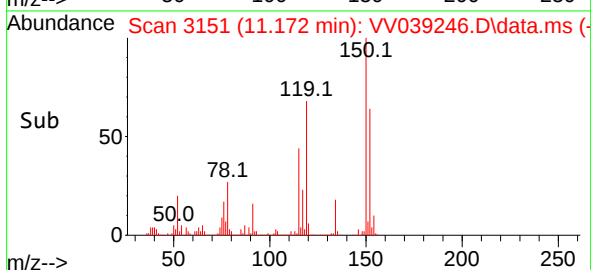
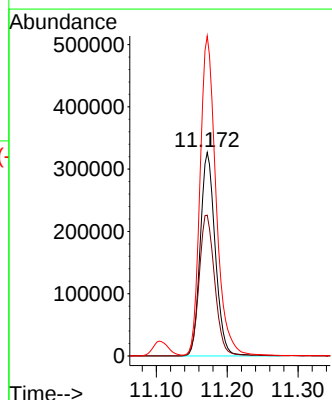
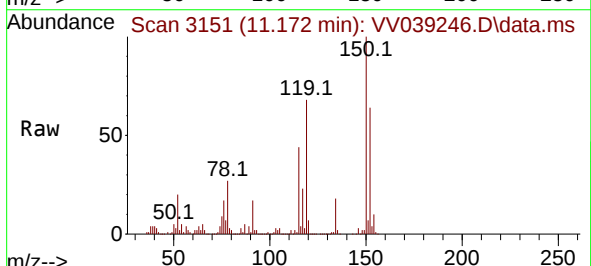
Tgt Ion:152 Resp: 481201

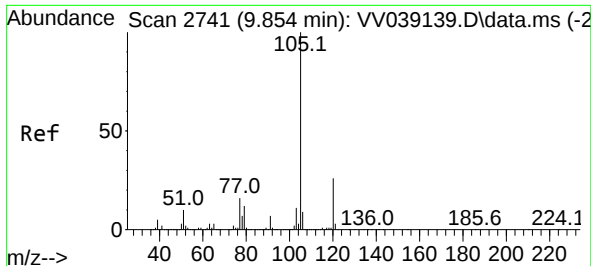
Ion Ratio Lower Upper

152 100

115 71.4 44.8 134.4

150 166.7 0.0 353.8

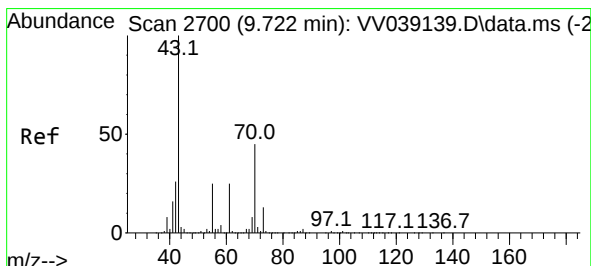
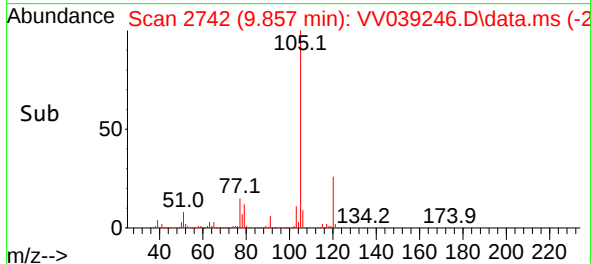
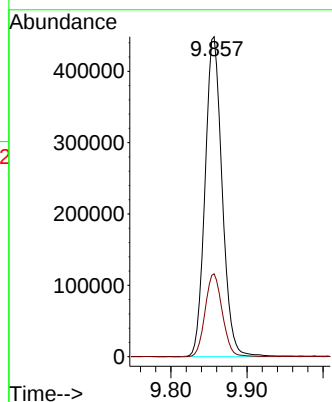
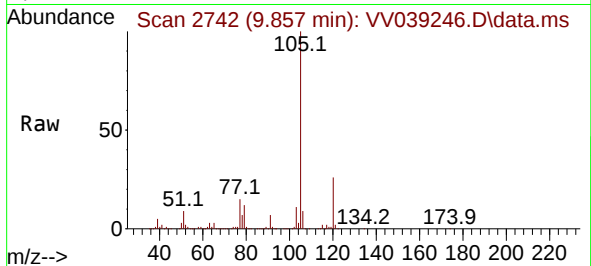




#73
Isopropylbenzene
Concen: 20.047 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

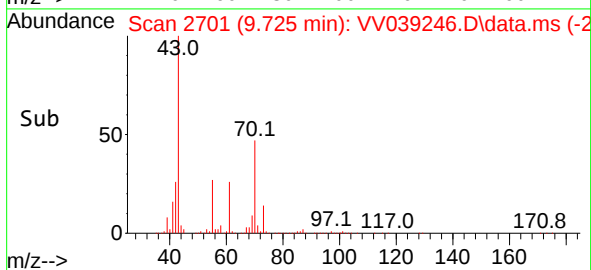
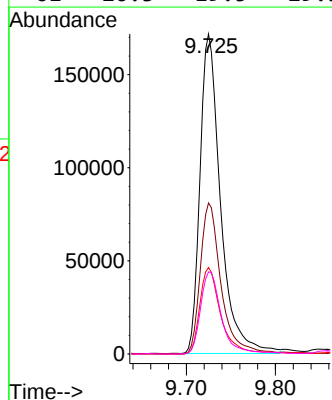
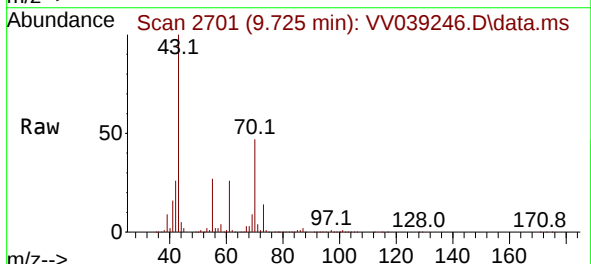
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

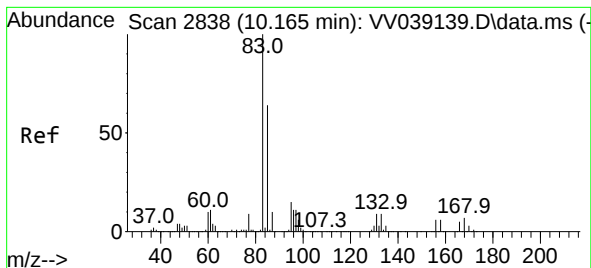
Tgt Ion:105 Resp: 699688
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 19.756 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 43 Resp: 275038
Ion Ratio Lower Upper
43 100
70 47.7 35.4 53.0
55 27.7 20.6 30.8
61 26.3 19.5 29.3

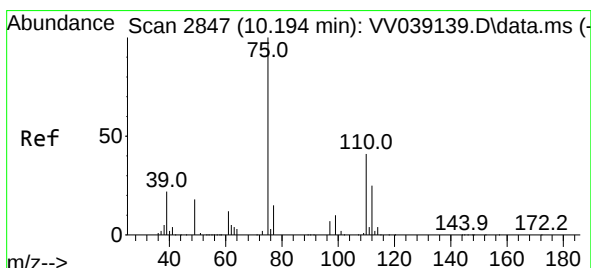
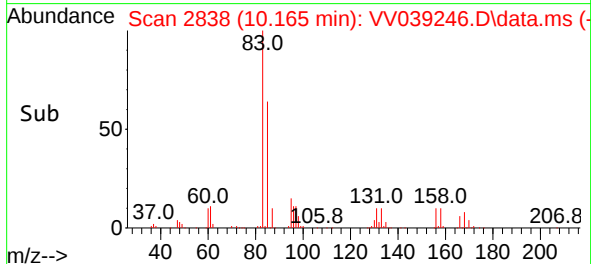
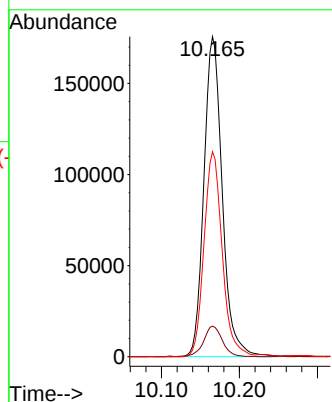
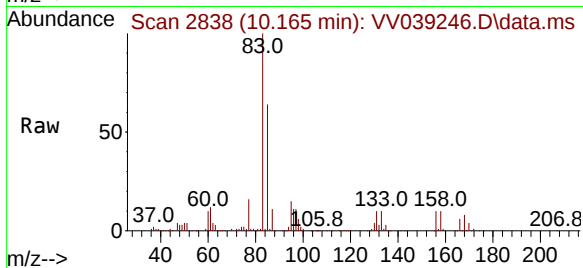




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.809 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

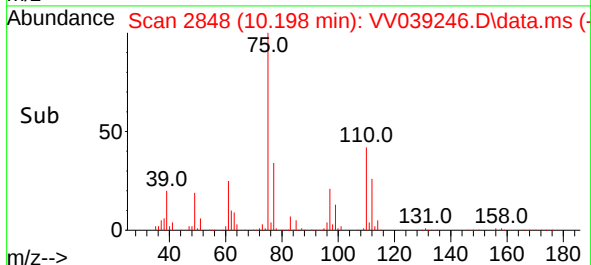
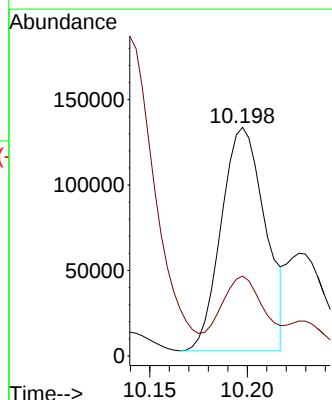
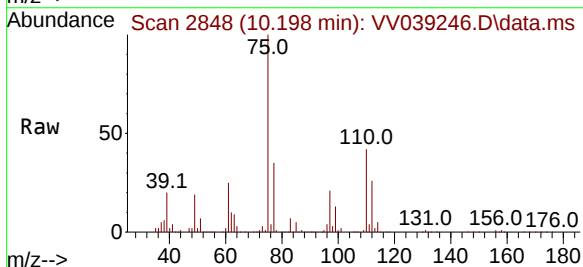
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

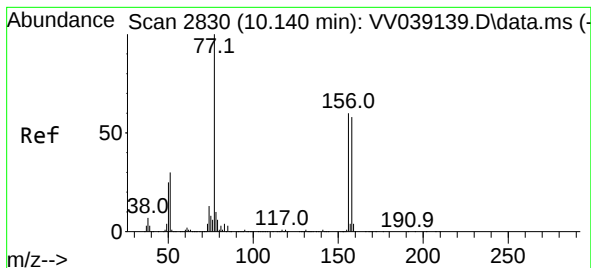
Tgt Ion: 83 Resp: 287626
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.5 13.7
 85 63.2 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 18.755 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion: 75 Resp: 205482
 Ion Ratio Lower Upper
 75 100
 77 21.6 11.3 33.8





#77

Bromobenzene

Concen: 20.739 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

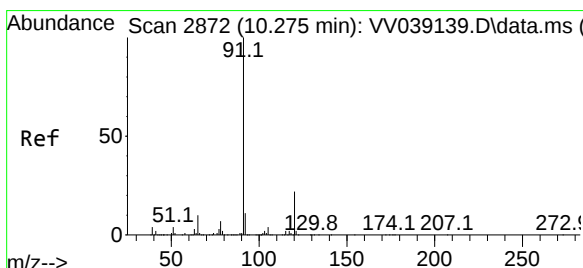
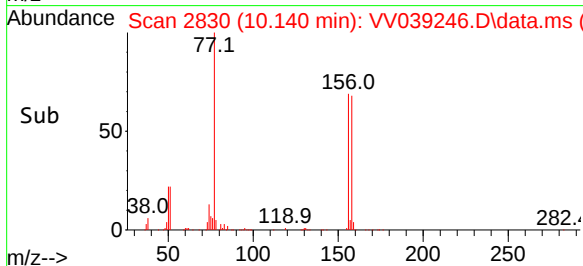
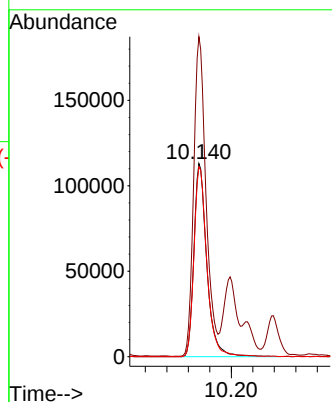
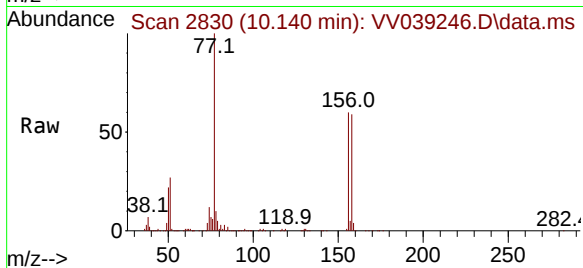
Tgt Ion:156 Resp: 187797

Ion Ratio Lower Upper

156 100

77 158.0 83.4 250.1

158 98.7 48.8 146.4



#78

n-propylbenzene

Concen: 19.554 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039246.D

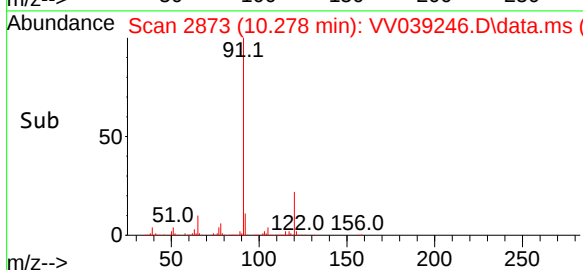
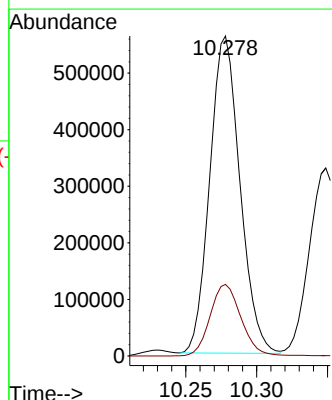
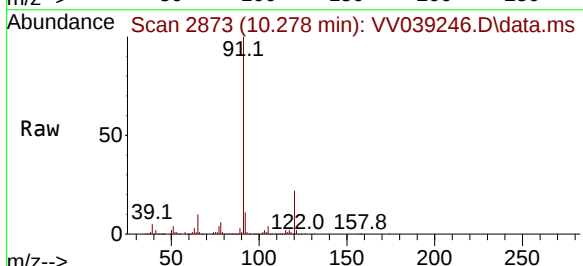
Acq: 03 Oct 2025 13:29

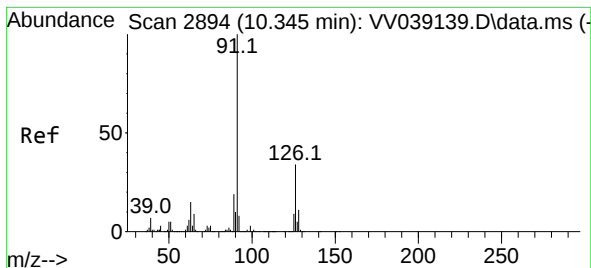
Tgt Ion: 91 Resp: 831093

Ion Ratio Lower Upper

91 100

120 23.3 11.1 33.3

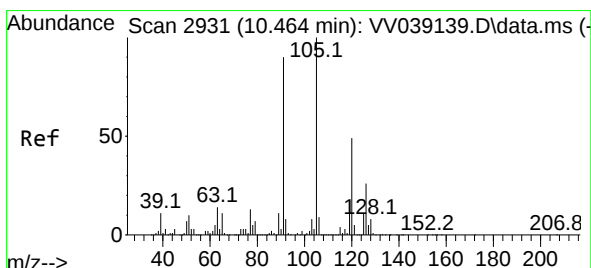
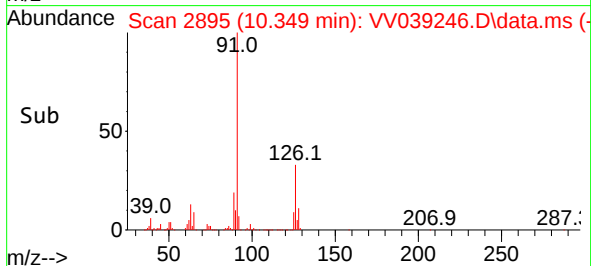
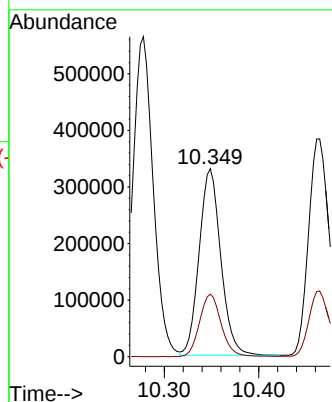
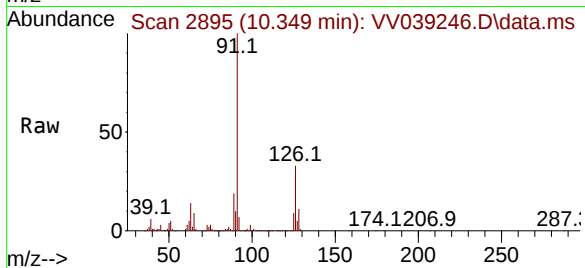




#79
2-Chlorotoluene
Concen: 20.594 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

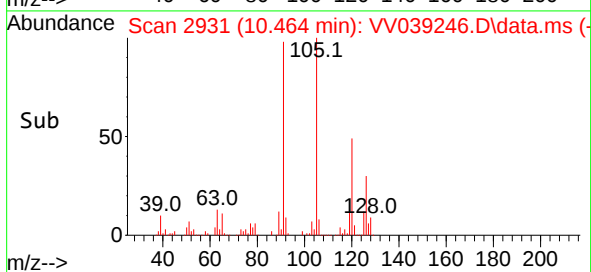
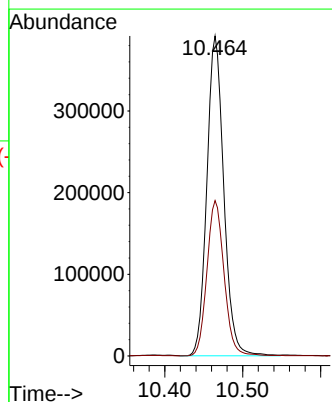
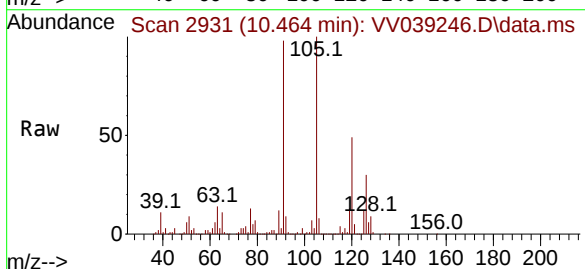
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

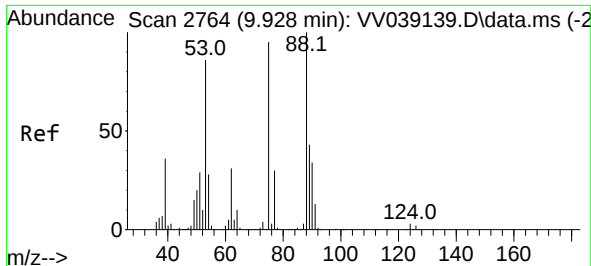
Tgt Ion: 91 Resp: 523752
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.380 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 105 Resp: 591210
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

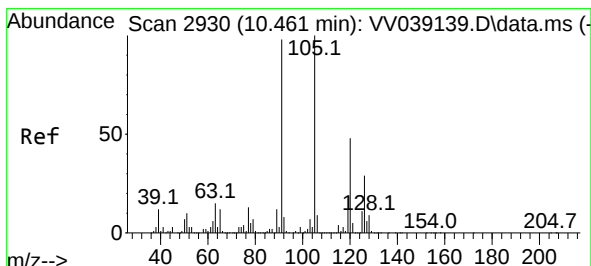
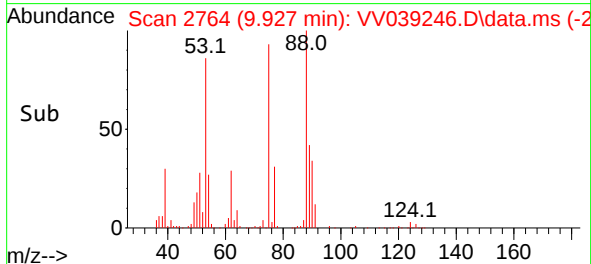
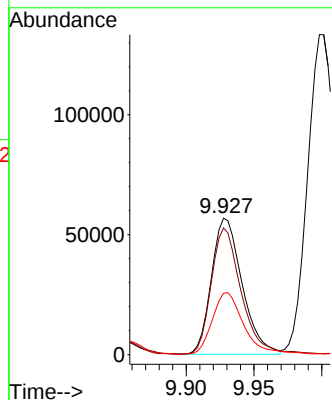
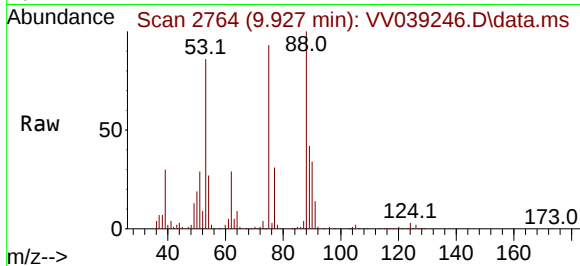




#81
trans-1,4-Dichloro-2-butene
Concen: 19.521 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

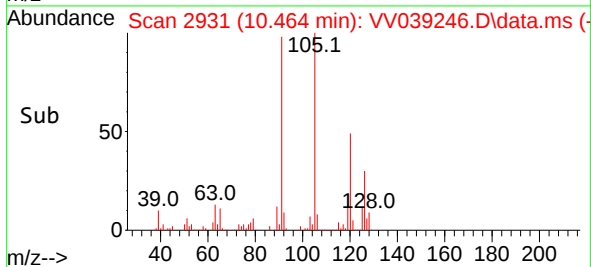
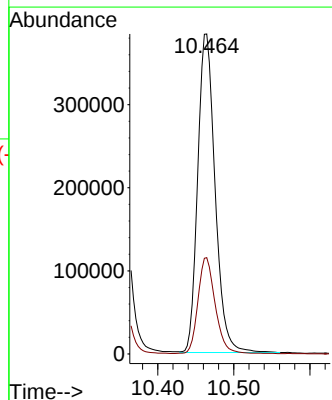
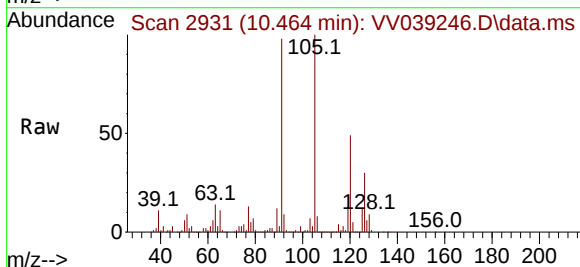
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

Tgt Ion: 75 Resp: 89087
Ion Ratio Lower Upper
75 100
53 88.9 72.5 108.7
89 46.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.650 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 91 Resp: 608970
Ion Ratio Lower Upper
91 100
126 29.6 14.5 43.6





#83

tert-Butylbenzene

Concen: 19.043 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

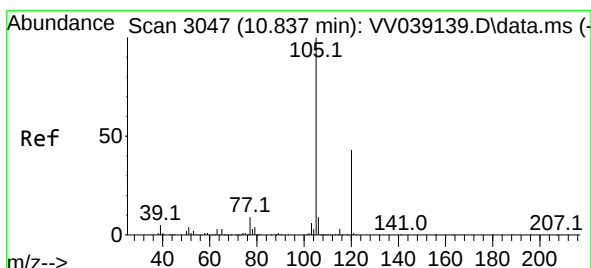
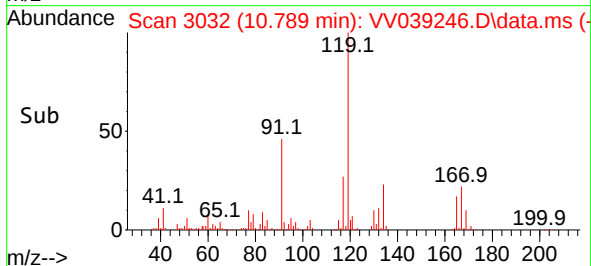
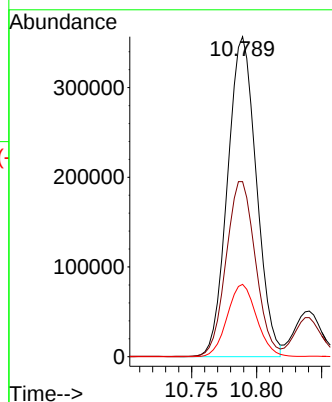
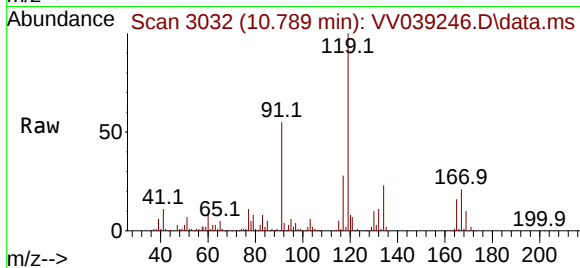
Tgt Ion:119 Resp: 550870

Ion Ratio Lower Upper

119 100

91 55.6 28.5 85.6

134 23.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.660 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039246.D

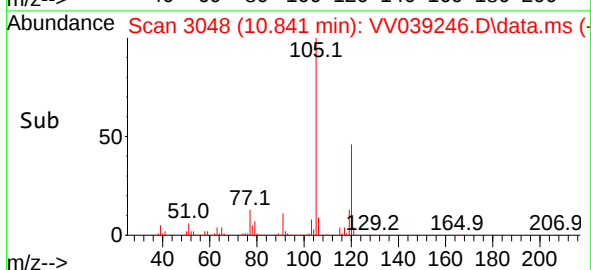
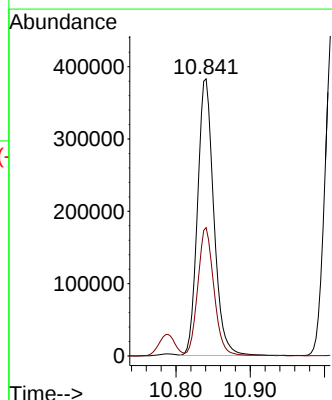
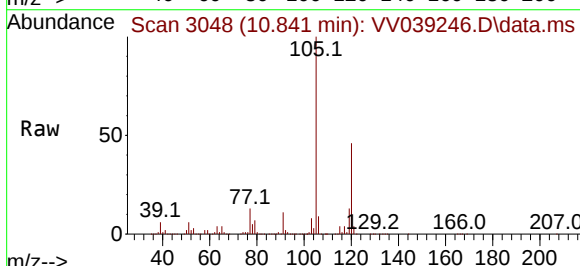
Acq: 03 Oct 2025 13:29

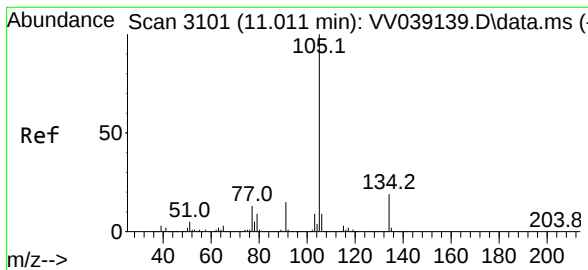
Tgt Ion:105 Resp: 581871

Ion Ratio Lower Upper

105 100

120 46.1 22.4 67.2

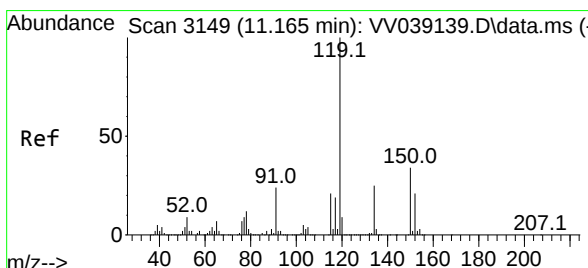
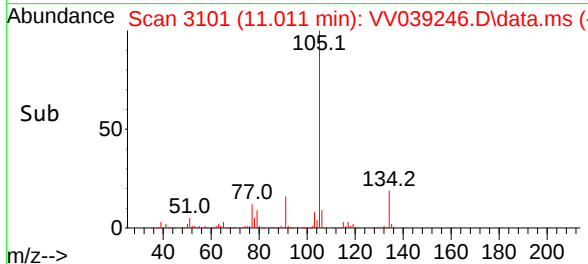
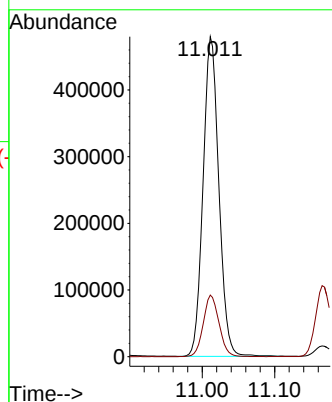
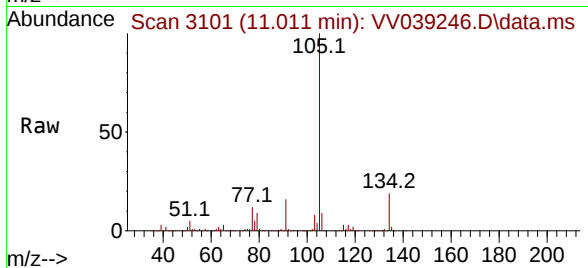




#85
 sec-Butylbenzene
 Concen: 18.837 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

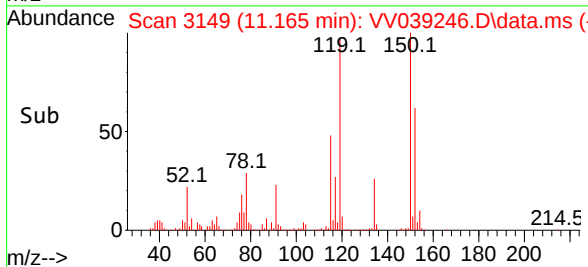
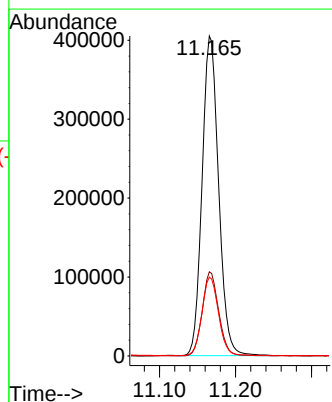
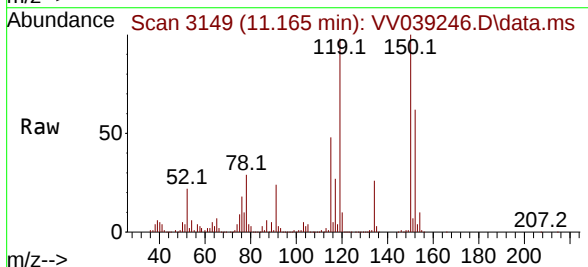
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

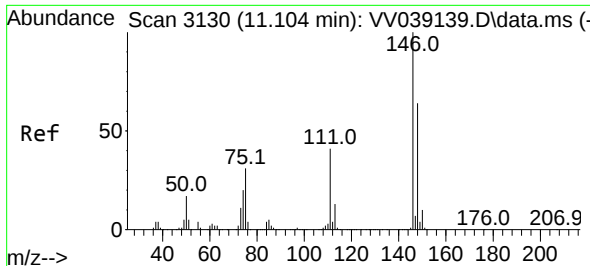
Tgt Ion:105 Resp: 722734
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.107 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion:119 Resp: 610180
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.0
 91 24.7 12.0 36.1

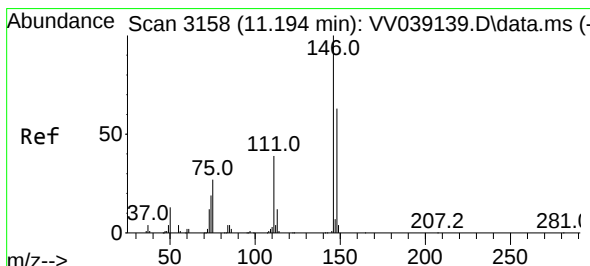
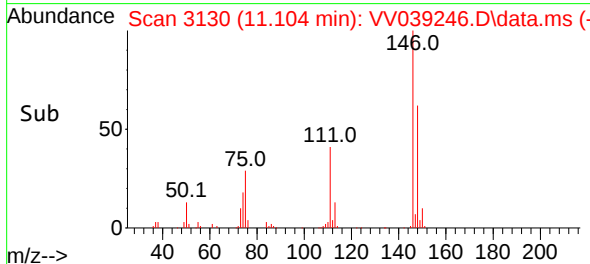
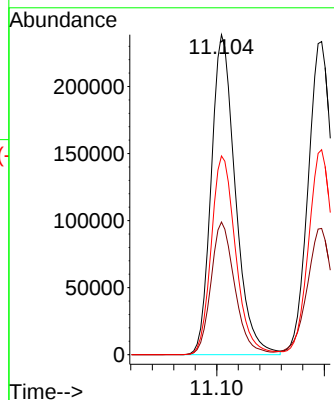
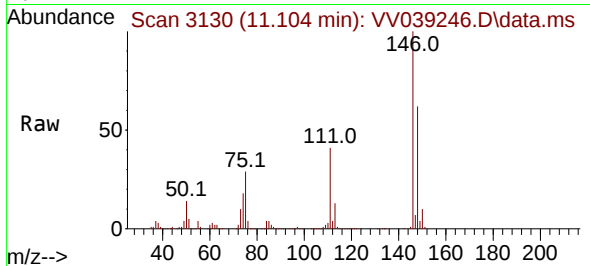




#87
 1,3-Dichlorobenzene
 Concen: 20.309 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

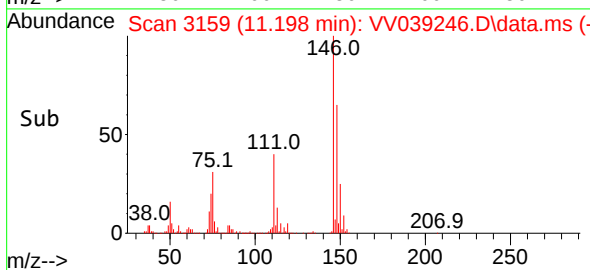
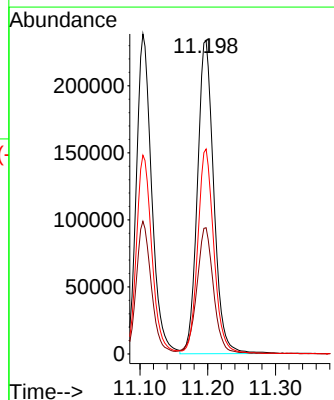
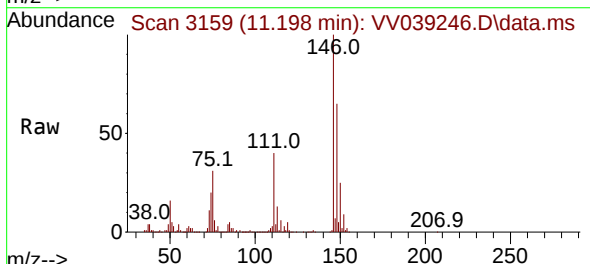
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

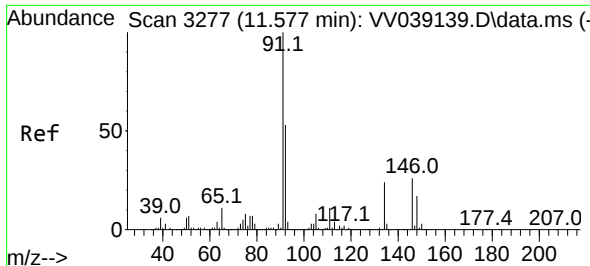
Tgt Ion:146 Resp: 372185
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.9 62.8
 148 62.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.476 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.003 min
 Lab File: VV039246.D
 Acq: 03 Oct 2025 13:29

Tgt Ion:146 Resp: 391588
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 64.3 31.4 94.2

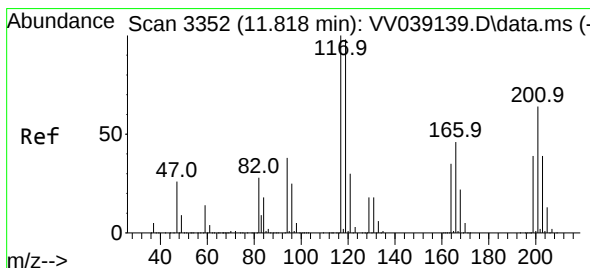
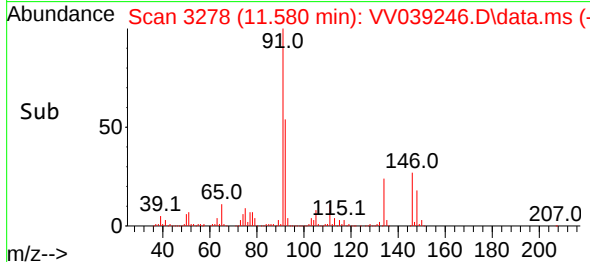
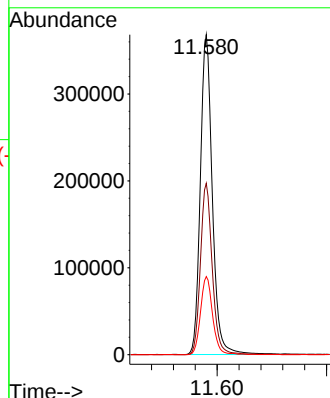
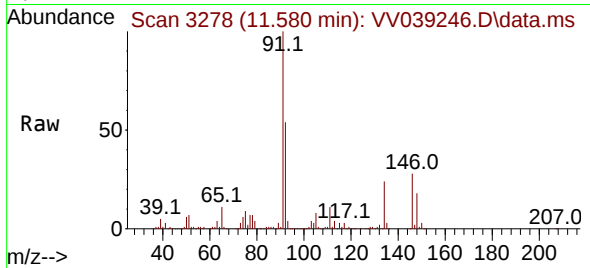




#89
n-Butylbenzene
Concen: 18.344 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

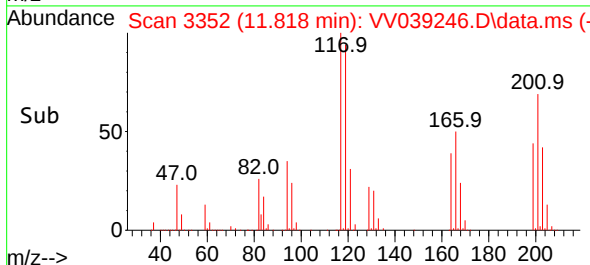
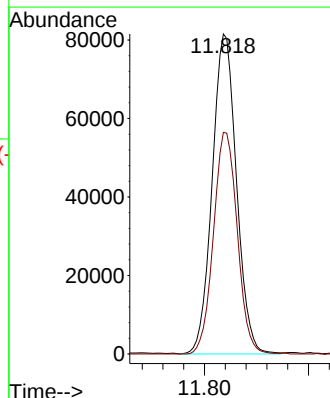
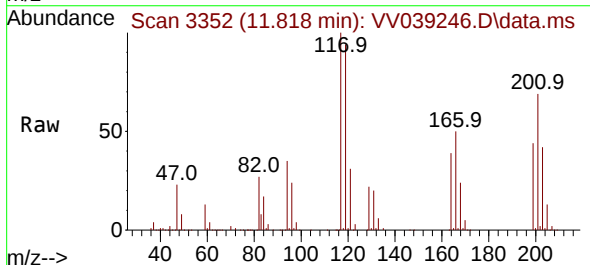
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBSD01

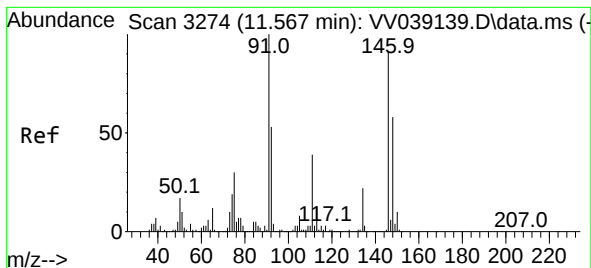
Tgt Ion: 91 Resp: 559457
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.4 12.1 36.3



#90
Hexachloroethane
Concen: 16.851 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039246.D
Acq: 03 Oct 2025 13:29

Tgt Ion: 117 Resp: 132512
Ion Ratio Lower Upper
117 100
201 67.7 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 20.161 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

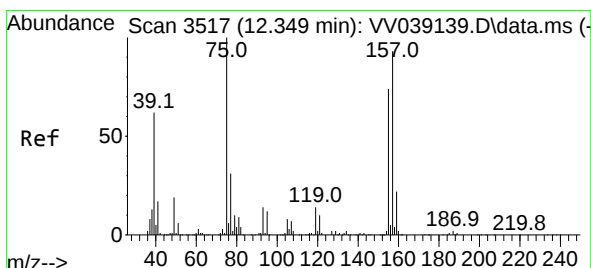
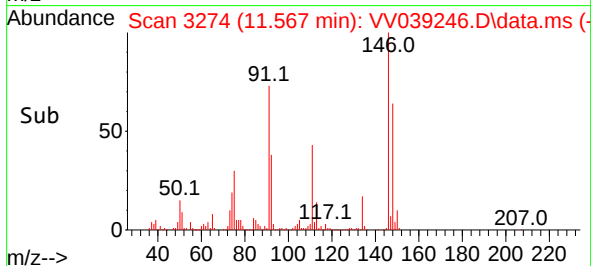
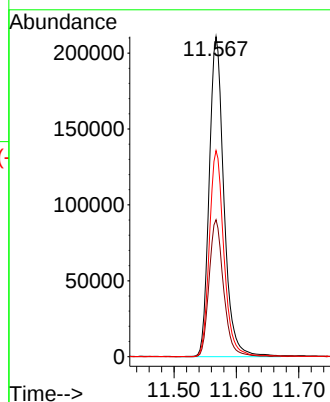
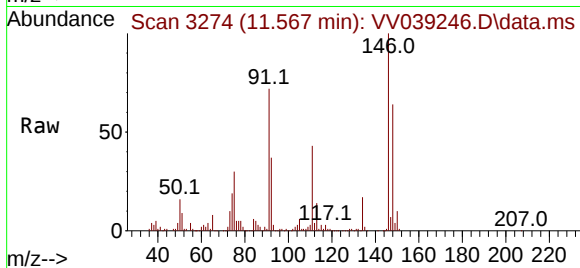
Tgt Ion:146 Resp: 345188

Ion Ratio Lower Upper

146 100

111 42.2 21.5 64.5

148 63.9 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.636 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

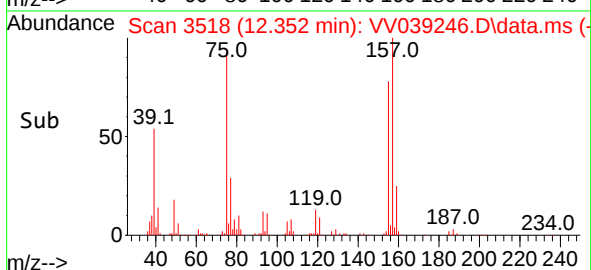
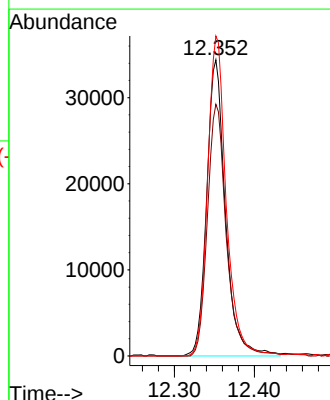
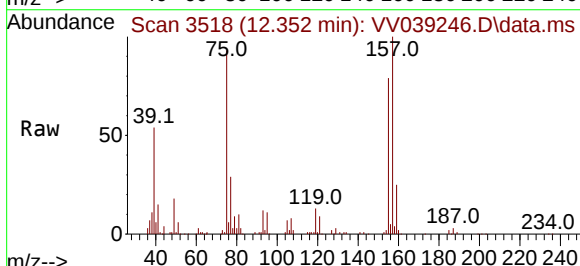
Tgt Ion: 75 Resp: 56191

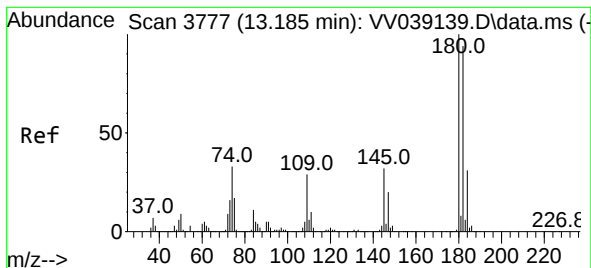
Ion Ratio Lower Upper

75 100

155 85.0 38.6 115.8

157 107.6 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 20.248 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

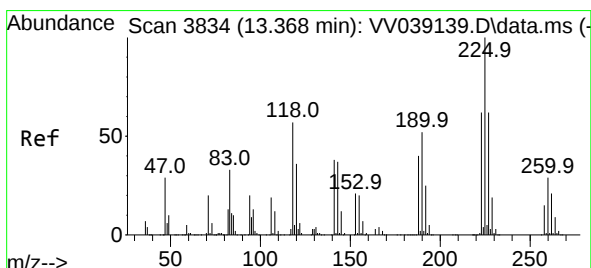
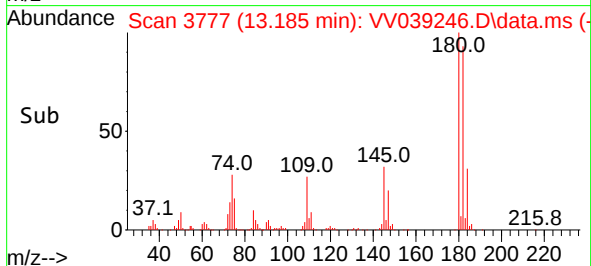
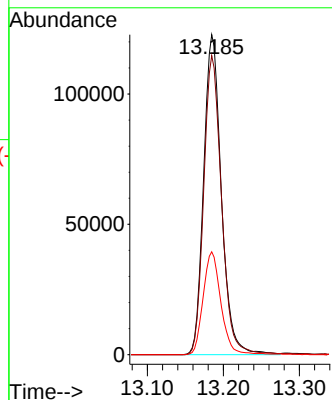
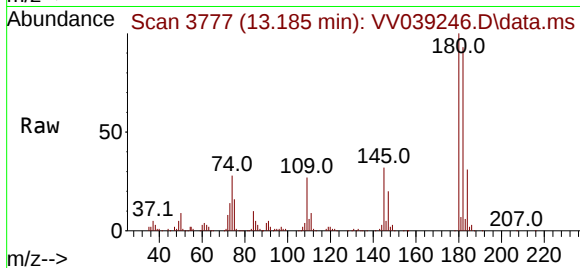
Tgt Ion:180 Resp: 198726

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.4

145 32.3 16.3 48.8



#94

Hexachlorobutadiene

Concen: 16.557 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

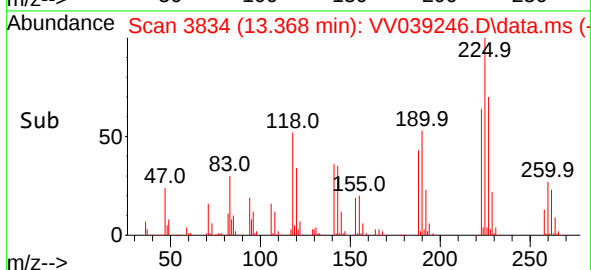
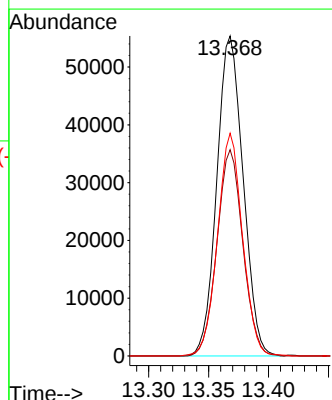
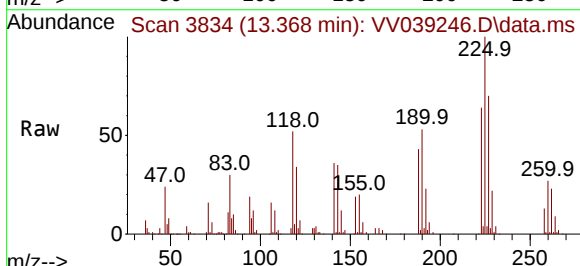
Tgt Ion:225 Resp: 84439

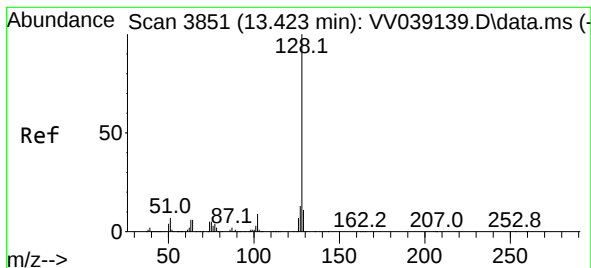
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.7

227 66.1 31.8 95.4





#95

Naphthalene

Concen: 19.941 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

VV1003WBSD01

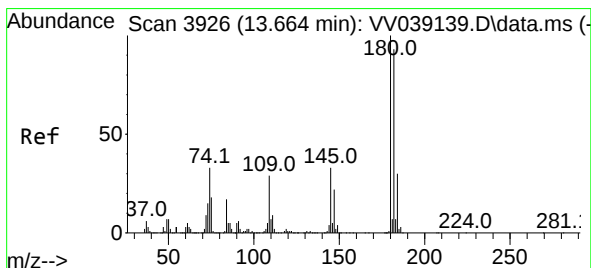
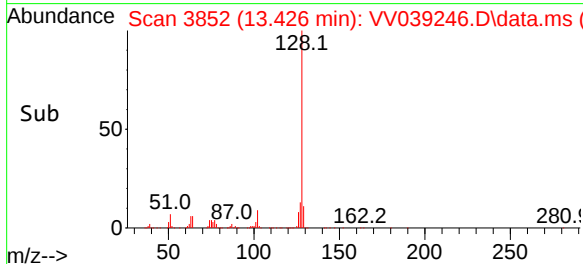
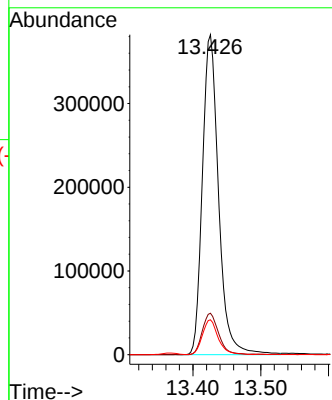
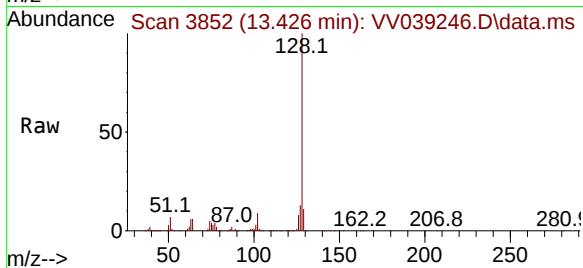
Tgt Ion:128 Resp: 632578

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.295 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.000 min

Lab File: VV039246.D

Acq: 03 Oct 2025 13:29

Tgt Ion:180 Resp: 203723

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.8

145 33.5 17.0 51.0

