

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039295.D
 Acq On : 21 Oct 2025 10:50
 Operator : SY/MD
 Sample : VV1021WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBSD01

Quant Time: Oct 24 04:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	620815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	961522	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	946126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	551113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	462640	52.445	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 104.880%	
35) Dibromofluoromethane	4.497	113	424402	56.018	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 112.040%	
50) Toluene-d8	7.233	98	1407505	54.610	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	9.998	95	539554	58.781	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 117.560%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	160411	20.443	ug/l	97
3) Chloromethane	1.230	50	159743	19.554	ug/l	98
4) Vinyl Chloride	1.298	62	177112	19.003	ug/l	100
5) Bromomethane	1.500	94	122233	20.214	ug/l	97
6) Chloroethane	1.561	64	115481	21.145	ug/l	98
7) Trichlorofluoromethane	1.725	101	280681	19.714	ug/l	99
8) Diethyl Ether	1.918	74	99298	19.299	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	171407	20.105	ug/l	99
10) Methyl Iodide	2.198	142	163383	22.243	ug/l	98
11) Tert butyl alcohol	2.564	59	167894	98.209	ug/l	99
12) 1,1-Dichloroethene	2.082	96	156823	18.734	ug/l	99
13) Acrolein	2.011	56	36257	30.584	ug/l	97
14) Allyl chloride	2.359	41	250072	18.845	ug/l	100
15) Acrylonitrile	2.674	53	476179	93.924	ug/l	99
16) Acetone	2.118	43	453223	104.580	ug/l	99
17) Carbon Disulfide	2.253	76	429127	18.149	ug/l	99
18) Methyl Acetate	2.378	43	286305	25.047	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	501505	19.904	ug/l	97
20) Methylene Chloride	2.455	84	180012	21.741	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	164932	18.713	ug/l	98
22) Diisopropyl ether	3.214	45	485188	20.365	ug/l	82
23) Vinyl Acetate	3.188	43	1973965	94.377	ug/l	100
24) 1,1-Dichloroethane	3.117	63	306124	19.179	ug/l	100
25) 2-Butanone	3.867	43	543148	100.680	ug/l	99
26) 2,2-Dichloropropane	3.809	77	255045	19.839	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	173193	19.626	ug/l	98
28) Bromochloromethane	4.143	49	140338	20.623	ug/l	99
29) Tetrahydrofuran	4.236	42	334352	96.931	ug/l	99
30) Chloroform	4.278	83	320626	19.698	ug/l	100
31) Cyclohexane	4.584	56	228406	19.647	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	276302	19.415	ug/l	98
36) 1,1-Dichloropropene	4.744	75	197791	20.786	ug/l	98
37) Ethyl Acetate	3.979	43	202806	18.205	ug/l #	90
38) Carbon Tetrachloride	4.735	117	239667	20.673	ug/l	98
39) Methylcyclohexane	6.047	83	213854	19.664	ug/l	99
40) Benzene	5.008	78	635914	20.826	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	83811	18.687	ug/l	92
42) 1,2-Dichloroethane	5.040	62	213897	19.960	ug/l	100
43) Isopropyl Acetate	5.191	43	303322	20.798	ug/l	98
44) Trichloroethene	5.831	130	155162	20.207	ug/l	99
45) 1,2-Dichloropropane	6.088	63	153960	20.721	ug/l	99
46) Dibromomethane	6.227	93	124644	20.070	ug/l	97
47) Bromodichloromethane	6.426	83	250558	20.476	ug/l	99
48) Methyl methacrylate	6.297	41	126326	18.697	ug/l	96
49) 1,4-Dioxane	6.288	88	48024	427.267	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	1097736	108.489	ug/l	98
52) Toluene	7.307	92	400640	21.731	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	225493	21.085	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	254757	21.427	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	170757	20.512	ug/l	99
56) Ethyl methacrylate	7.715	69	193252	20.490	ug/l	99
57) 1,3-Dichloropropane	7.934	76	267636	21.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	590620	108.448	ug/l	99
59) 2-Hexanone	8.063	43	804924	108.358	ug/l	97
60) Dibromochloromethane	8.165	129	200303	20.579	ug/l	96
61) 1,2-Dibromoethane	8.272	107	181376	20.924	ug/l	99
64) Tetrachloroethene	7.895	164	140462	20.352	ug/l	98
65) Chlorobenzene	8.805	112	444986	19.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	169144	20.161	ug/l	99
67) Ethyl Benzene	8.937	91	669532	20.293	ug/l	99
68) m/p-Xylenes	9.063	106	566603	43.300	ug/l	99
69) o-Xylene	9.468	106	240480	20.810	ug/l	98
70) Styrene	9.487	104	451430	21.955	ug/l	100
71) Bromoform	9.654	173	143636	21.171	ug/l #	98
73) Isopropylbenzene	9.854	105	682460	20.393	ug/l	99
74) N-amyl acetate	9.725	43	248387	18.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	287375	18.699	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	202480	18.408	ug/l	95
77) Bromobenzene	10.140	156	184723	20.079	ug/l	98
78) n-propylbenzene	10.278	91	833111	20.516	ug/l	99
79) 2-Chlorotoluene	10.349	91	524305	20.913	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	597417	21.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	82841	19.020	ug/l	95
82) 4-Chlorotoluene	10.461	91	622520	21.603	ug/l	99
83) tert-Butylbenzene	10.789	119	550972	19.769	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	583142	21.105	ug/l	99
85) sec-Butylbenzene	11.011	105	726369	20.613	ug/l	99
86) p-Isopropyltoluene	11.165	119	626106	20.665	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	373746	20.367	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	390783	19.029	ug/l	97
89) n-Butylbenzene	11.580	91	557387	19.755	ug/l	98
90) Hexachloroethane	11.818	117	139093	18.566	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	346517	19.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	55574	17.586	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	198315	20.370	ug/l	98
94) Hexachlorobutadiene	13.368	225	94843	19.239	ug/l	98
95) Naphthalene	13.426	128	603359	18.916	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	204598	20.220	ug/l	98

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ClientSampleId :
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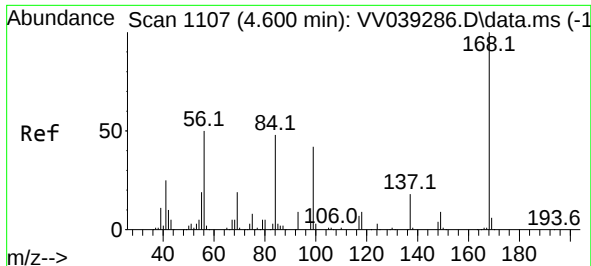
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

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

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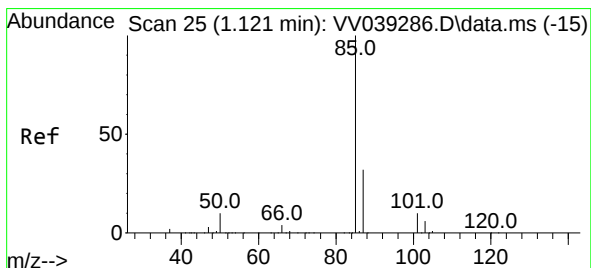
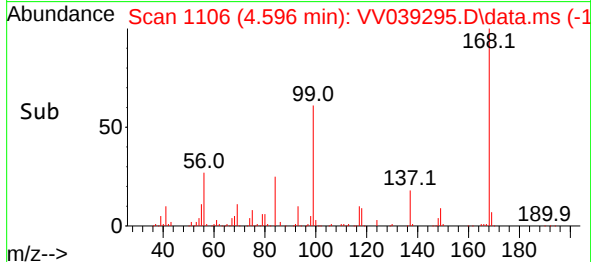
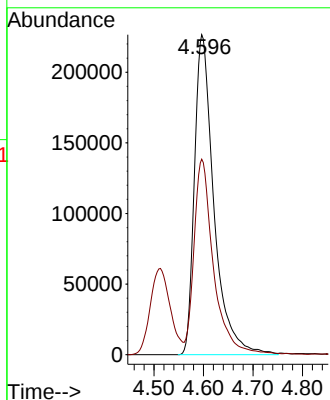
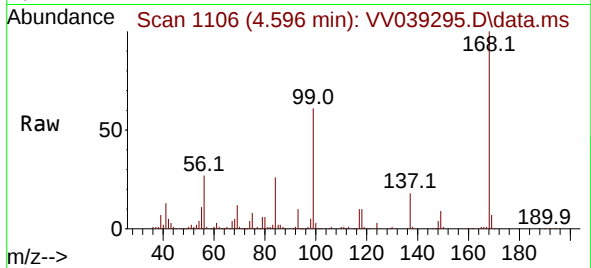




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039295.D
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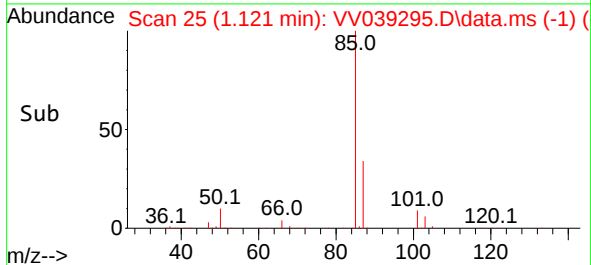
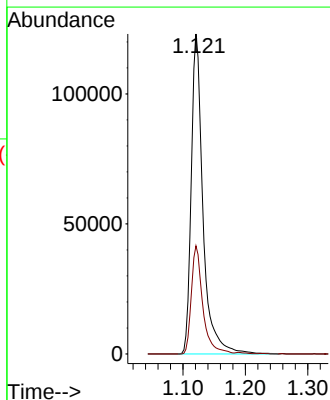
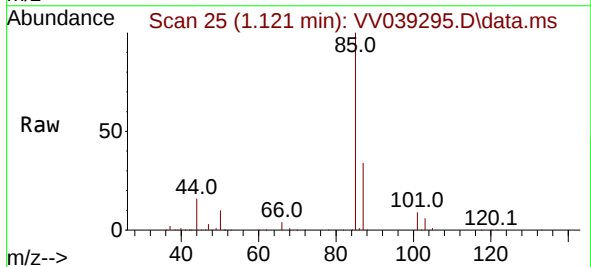
Instrument :
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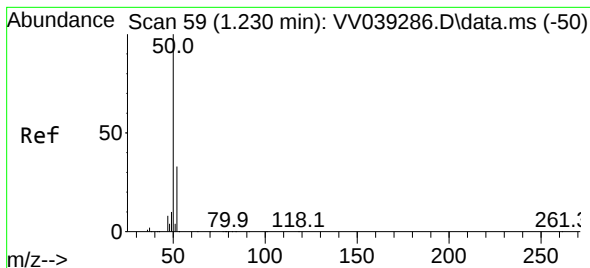
Tgt Ion:168 Resp: 620815
Ion Ratio Lower Upper
168 100
99 60.7 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 20.443 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 85 Resp: 160411
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

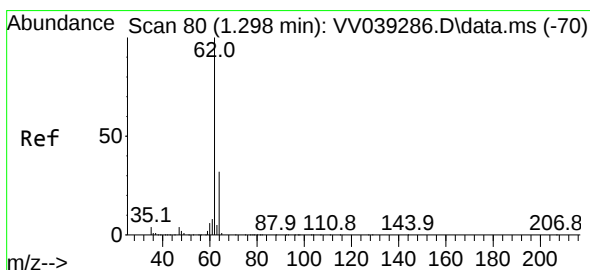
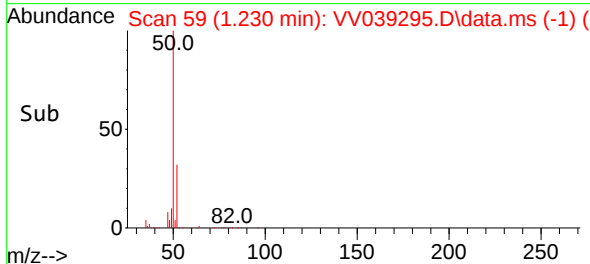
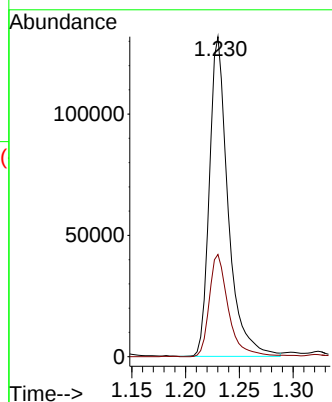
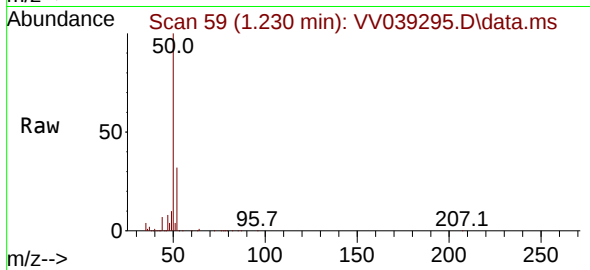




#3
Chloromethane
Concen: 19.554 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

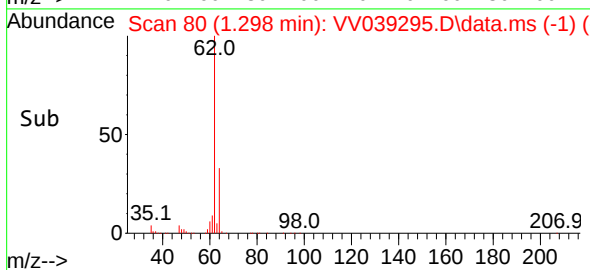
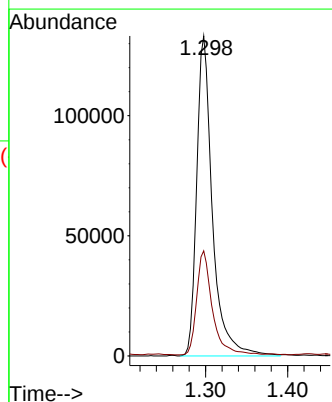
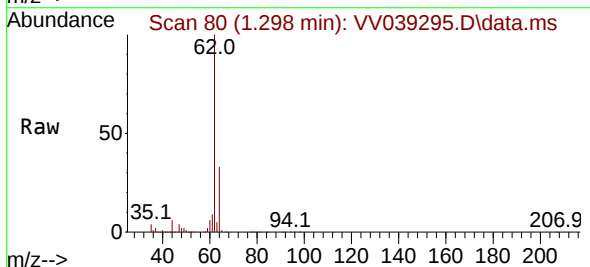
Instrument :
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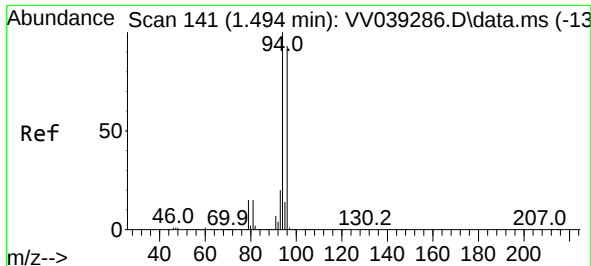
Tgt Ion: 50 Resp: 159743
Ion Ratio Lower Upper
50 100
52 32.0 26.6 39.8



#4
Vinyl Chloride
Concen: 19.003 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 62 Resp: 177112
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6

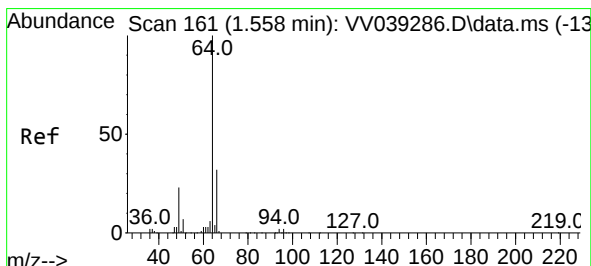
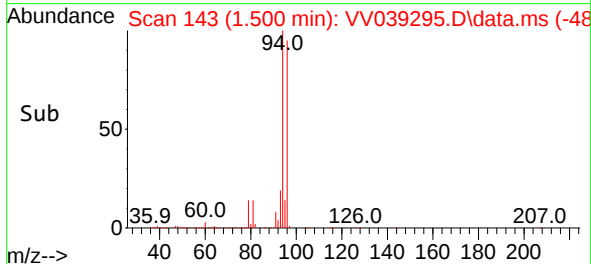
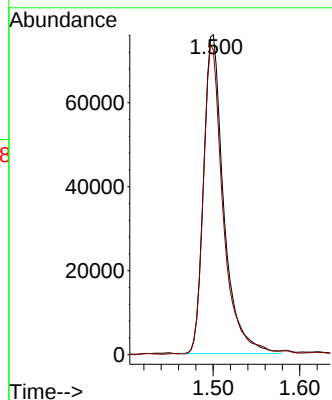
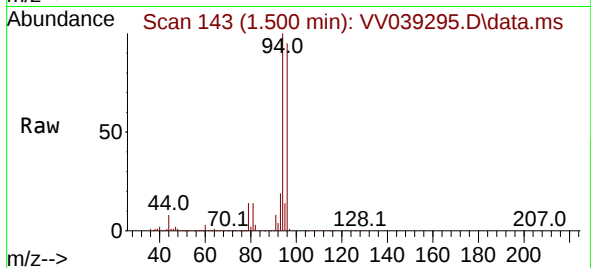




#5
Bromomethane
Concen: 20.214 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

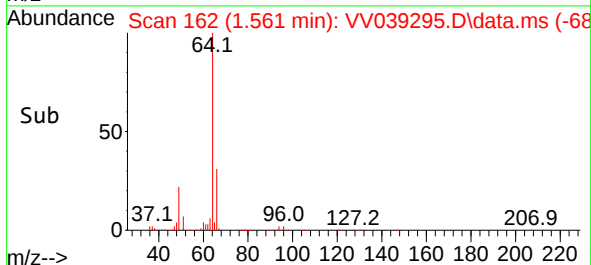
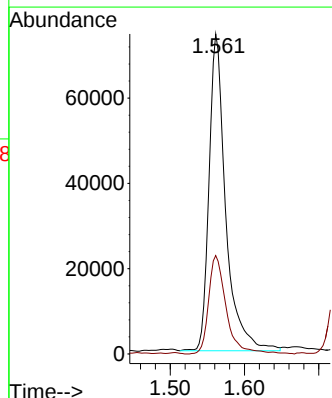
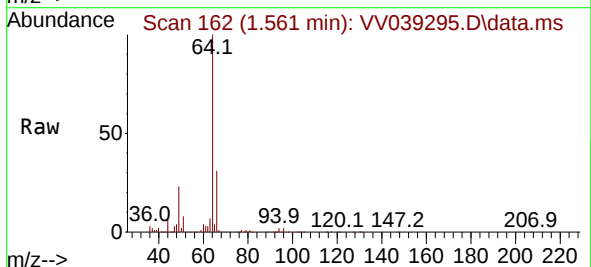
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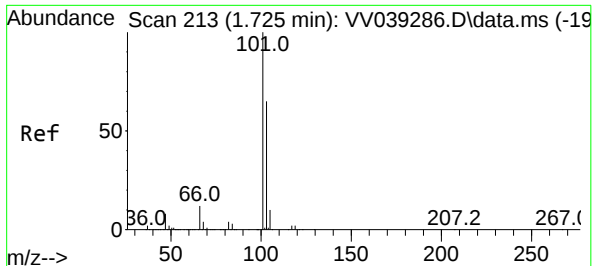
Tgt Ion: 94 Resp: 122233
Ion Ratio Lower Upper
94 100
96 95.3 74.2 111.2



#6
Chloroethane
Concen: 21.145 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 64 Resp: 115481
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5

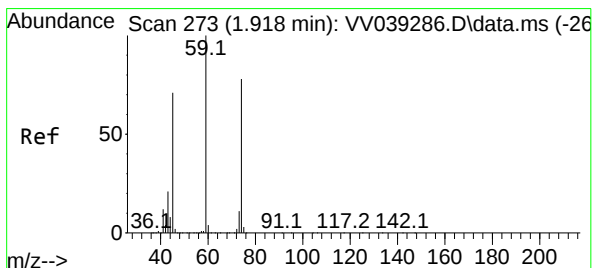
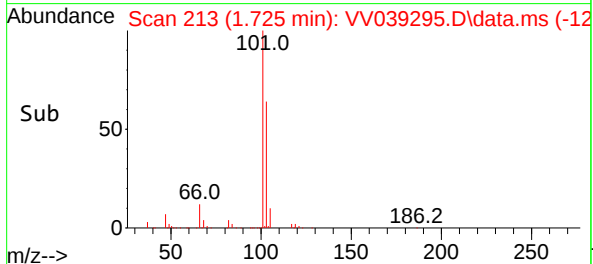
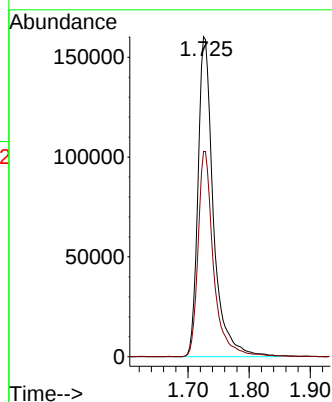
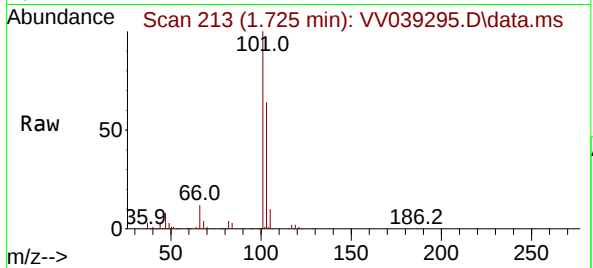




#7
 Trichlorofluoromethane
 Concen: 19.714 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

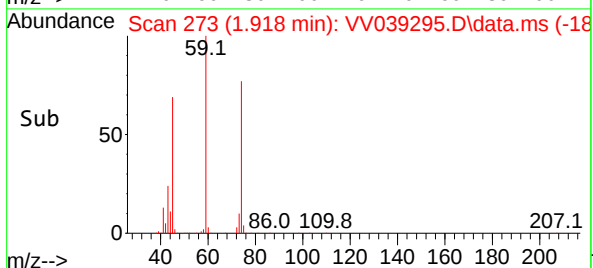
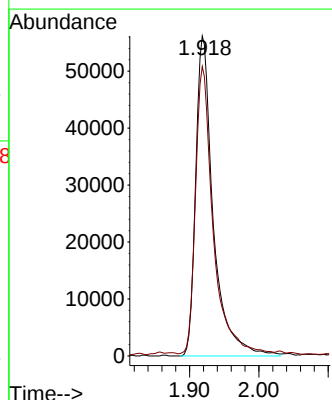
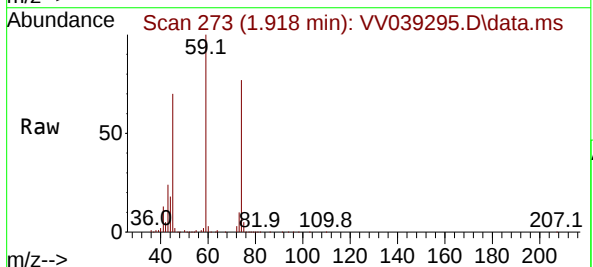
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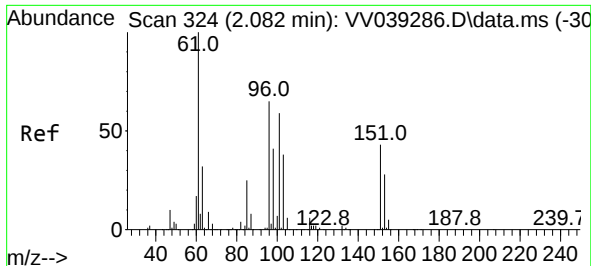
Tgt Ion:101 Resp: 280681
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.0 78.0



#8
 Diethyl Ether
 Concen: 19.299 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 99298
 Ion Ratio Lower Upper
 74 100
 45 89.5 45.9 137.7

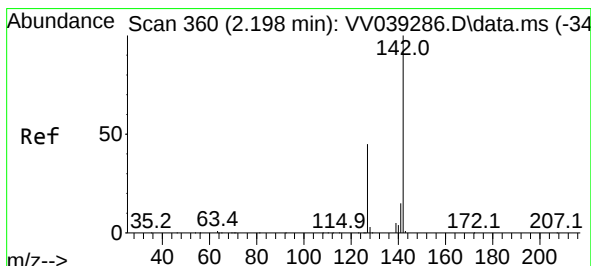
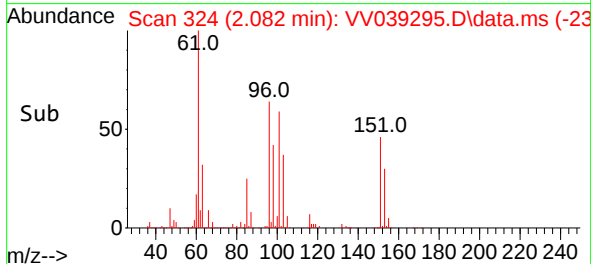
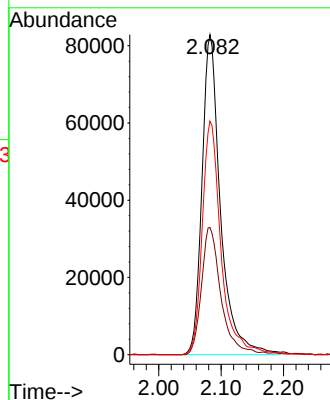
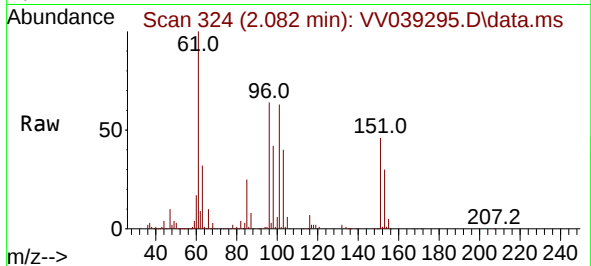




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.105 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039295.D
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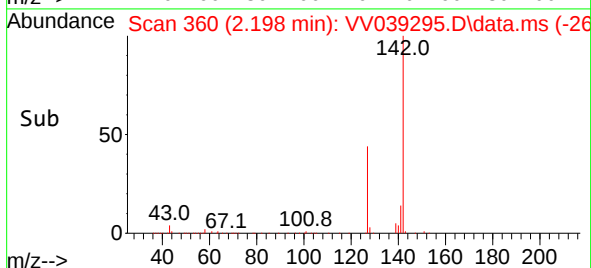
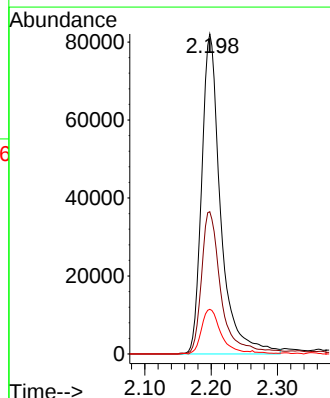
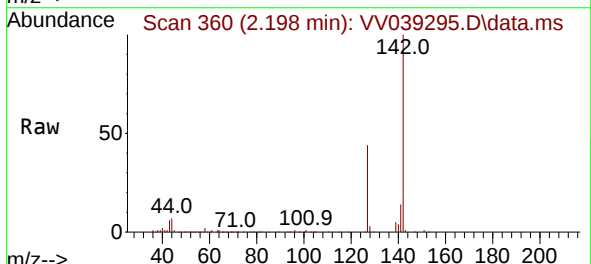
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

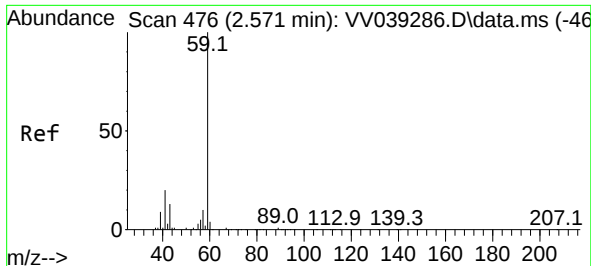
Tgt Ion:101 Resp: 171407
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 74.1 58.5 87.7



#10
Methyl Iodide
Concen: 22.243 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:142 Resp: 163383
Ion Ratio Lower Upper
142 100
127 46.4 35.5 53.3
141 14.2 11.5 17.3

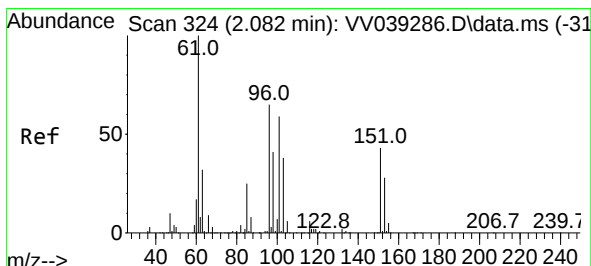
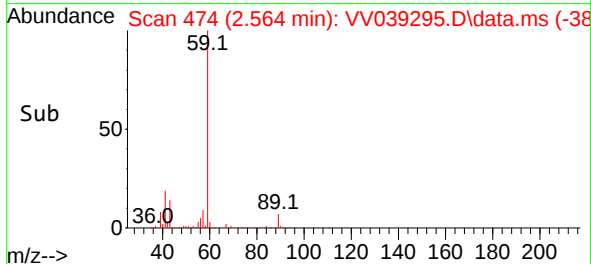
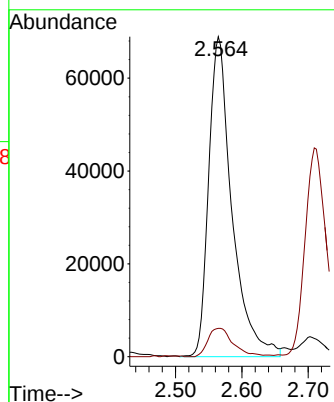
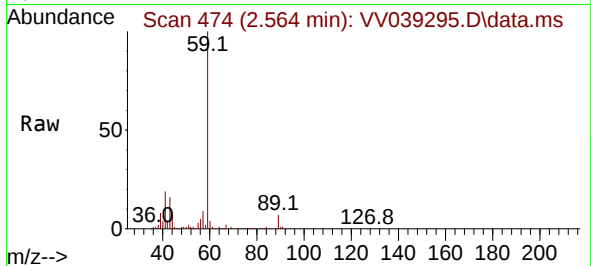




#11
Tert butyl alcohol
Concen: 98.209 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

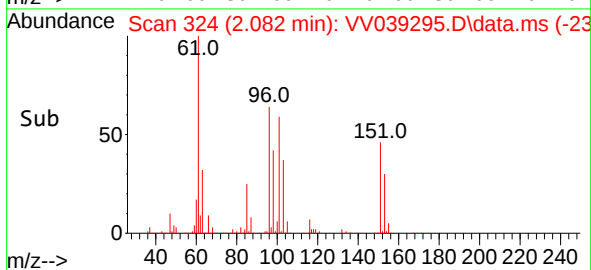
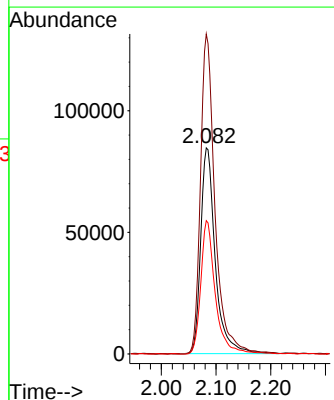
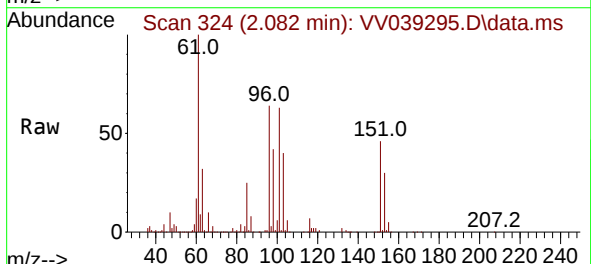
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

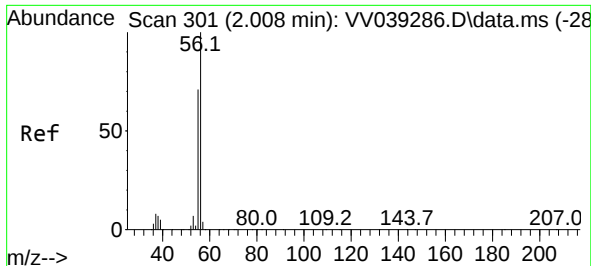
Tgt Ion: 59 Resp: 167894
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.734 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 96 Resp: 156823
Ion Ratio Lower Upper
96 100
61 155.5 123.6 185.4
98 64.8 51.1 76.7

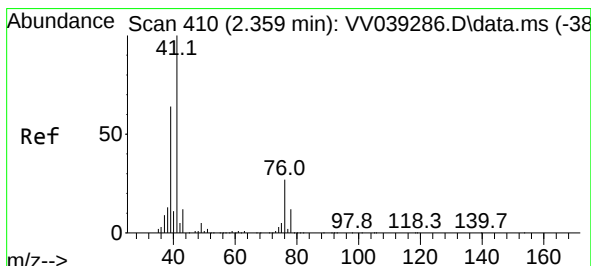
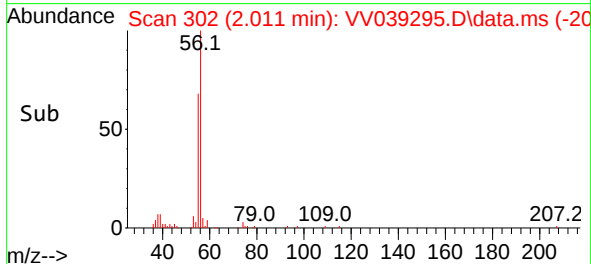
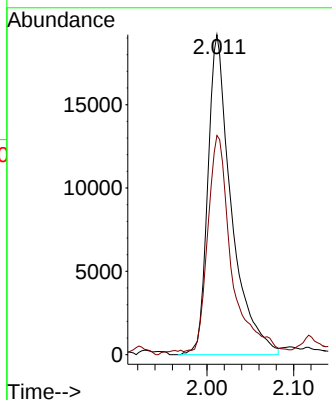
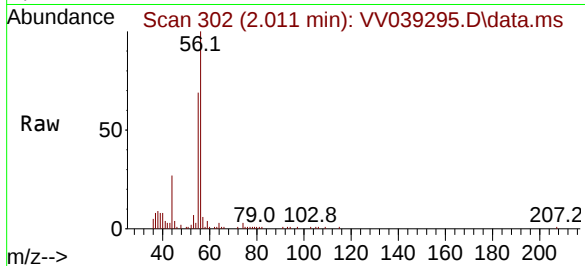




#13
Acrolein
Concen: 30.584 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

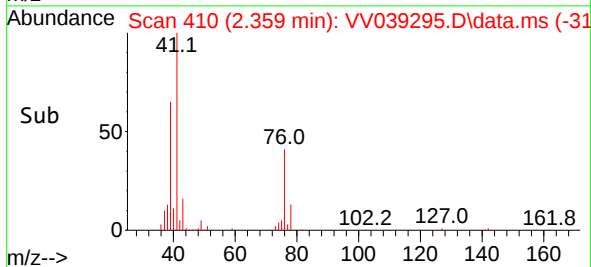
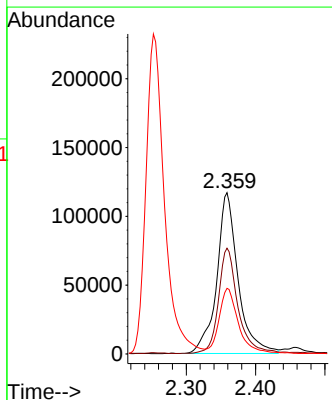
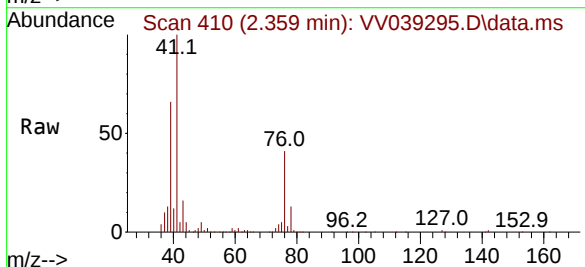
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

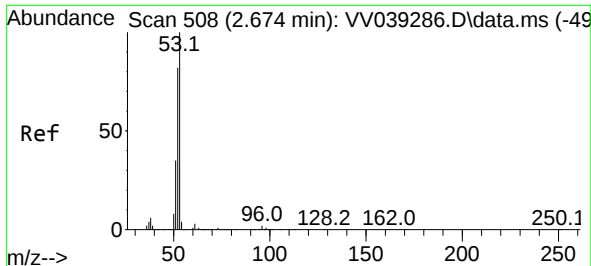
Tgt Ion: 56 Resp: 36257
Ion Ratio Lower Upper
56 100
55 67.7 56.2 84.4



#14
Allyl chloride
Concen: 18.845 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 41 Resp: 250072
Ion Ratio Lower Upper
41 100
39 59.7 47.8 71.6
76 37.3 30.2 45.2

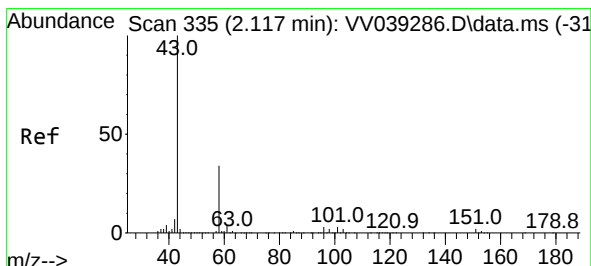
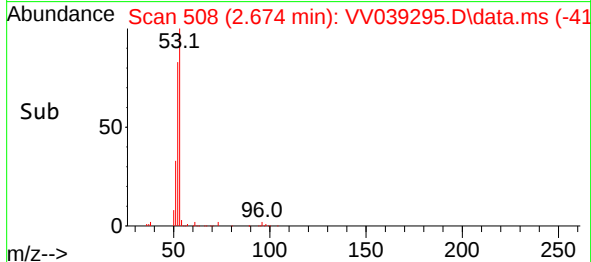
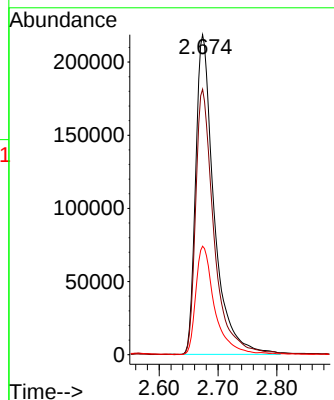
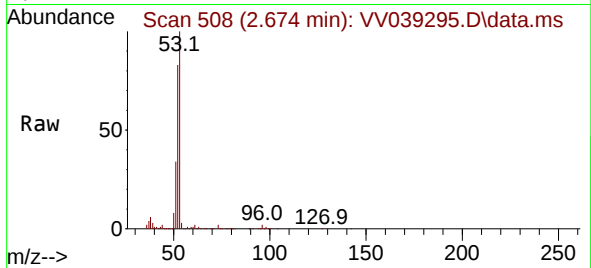




#15
Acrylonitrile
Concen: 93.924 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

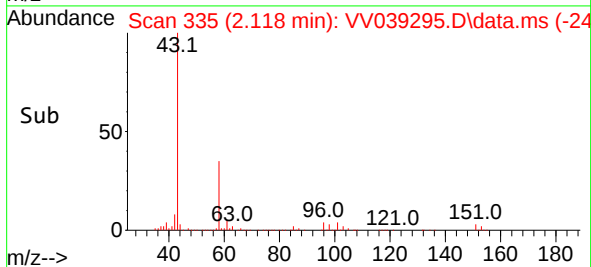
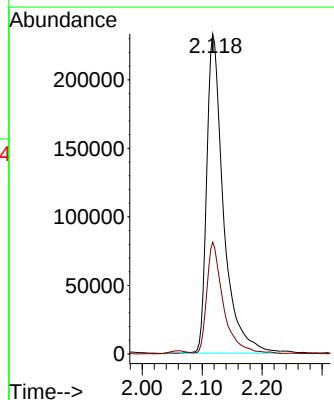
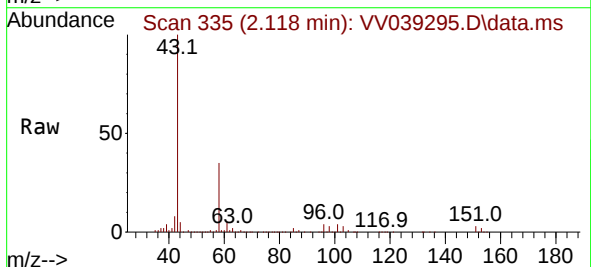
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

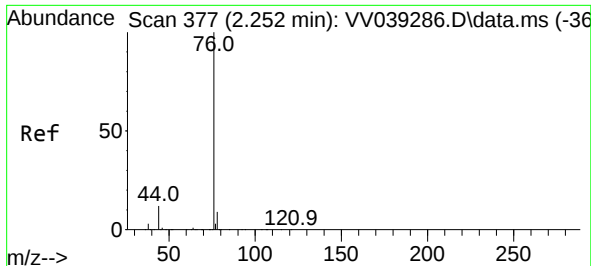
Tgt Ion: 53 Resp: 476179
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.6
51 34.3 27.9 41.9



#16
Acetone
Concen: 104.580 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 43 Resp: 453223
Ion Ratio Lower Upper
43 100
58 34.9 27.5 41.3

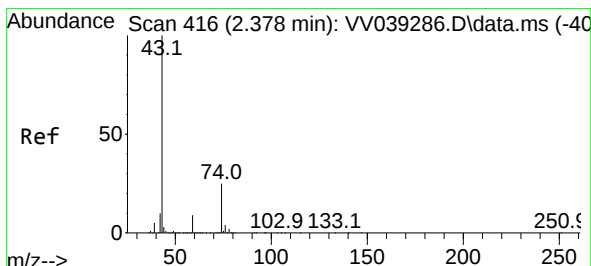
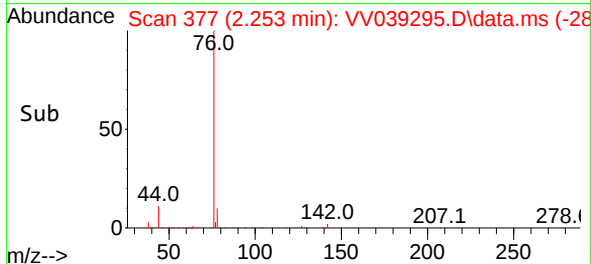
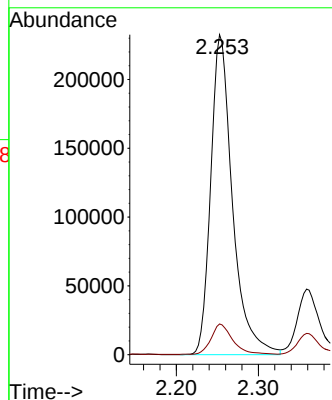
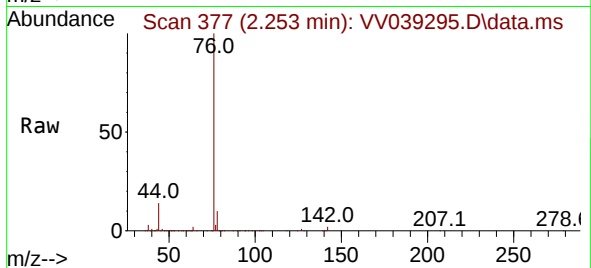




#17
Carbon Disulfide
Concen: 18.149 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

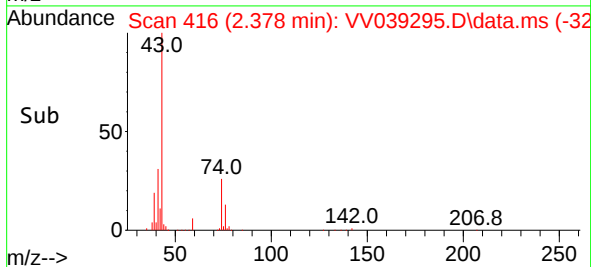
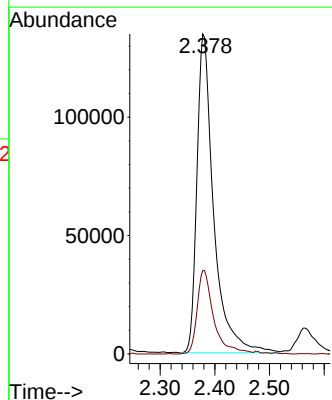
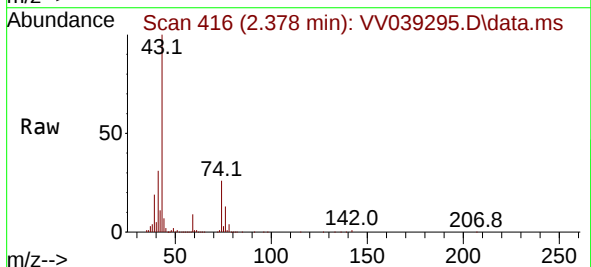
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

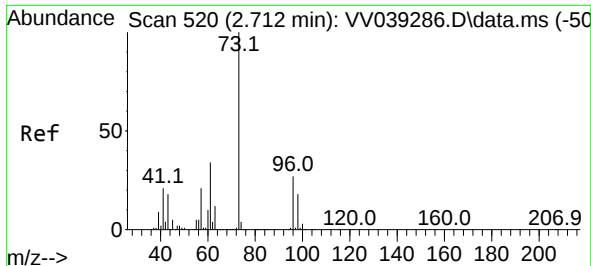
Tgt Ion: 76 Resp: 429127
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 25.047 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 43 Resp: 286305
Ion Ratio Lower Upper
43 100
74 25.9 19.5 29.3

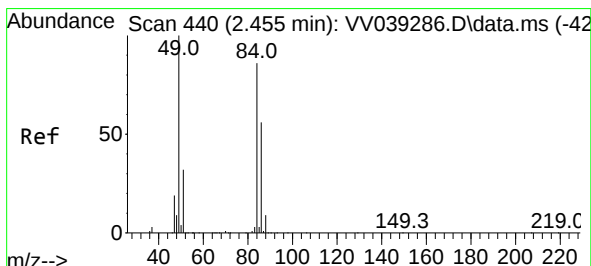
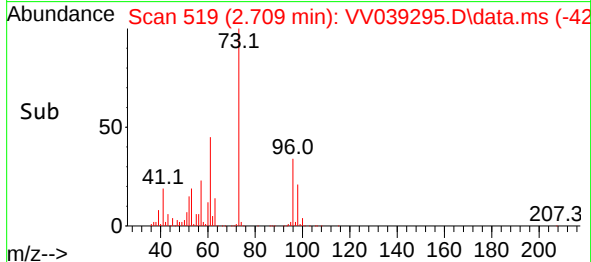
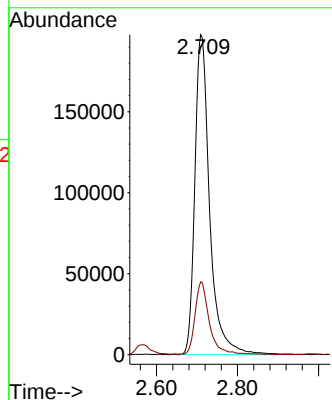
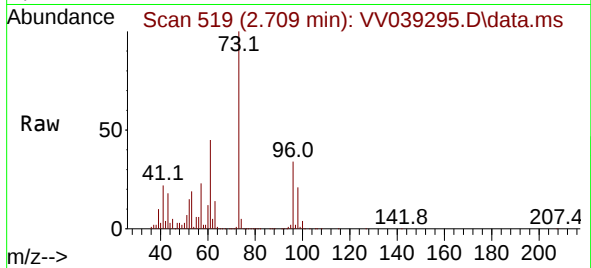




#19
Methyl tert-butyl Ether
Concen: 19.904 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

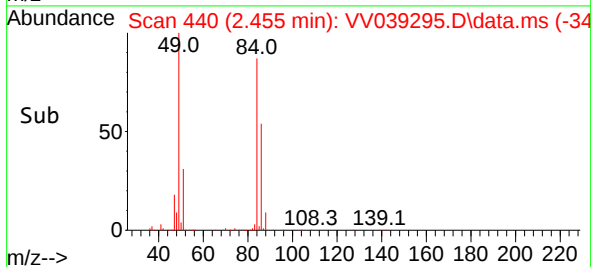
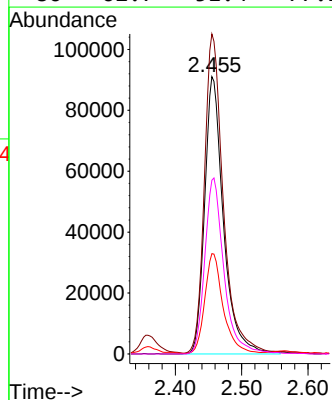
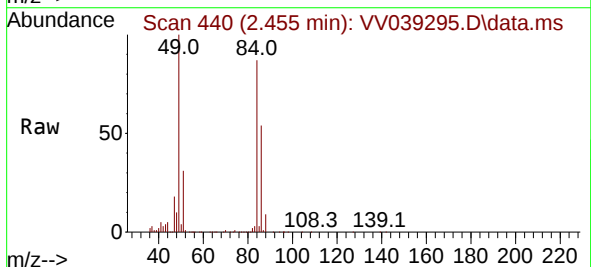
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

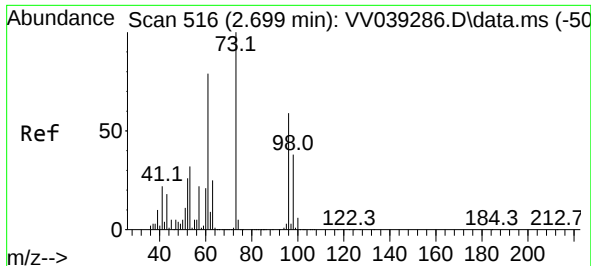
Tgt Ion: 73 Resp: 501505
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6



#20
Methylene Chloride
Concen: 21.741 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 84 Resp: 180012
Ion Ratio Lower Upper
84 100
49 115.0 92.6 139.0
51 35.9 29.6 44.4
86 62.7 51.4 77.2

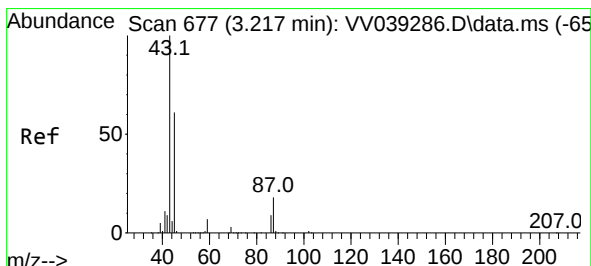
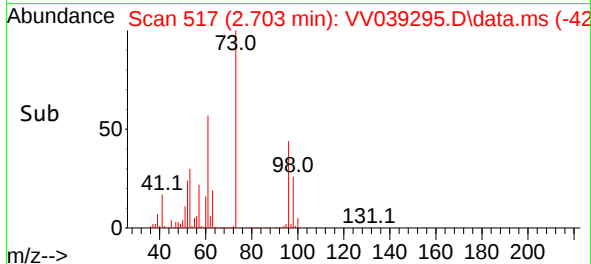
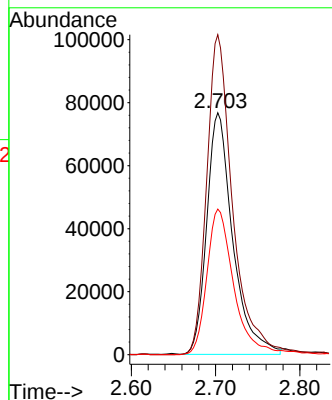
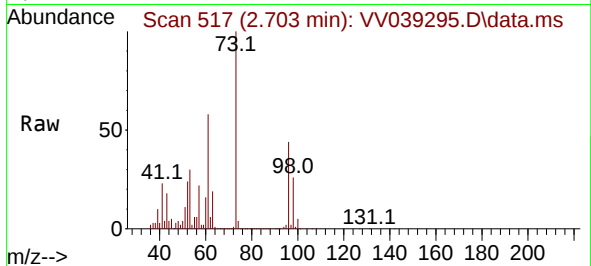




#21
trans-1,2-Dichloroethene
Concen: 18.713 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

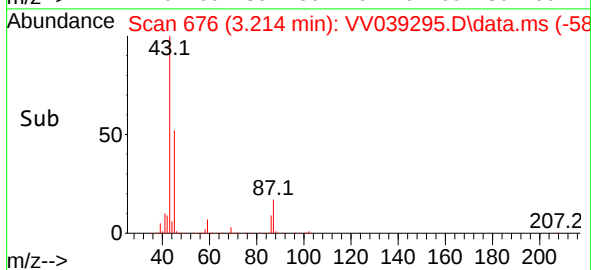
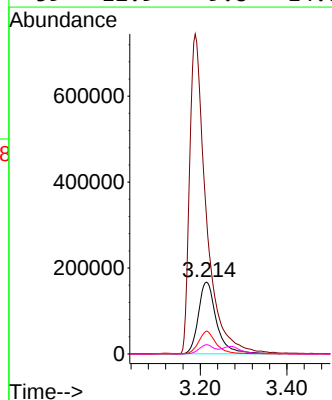
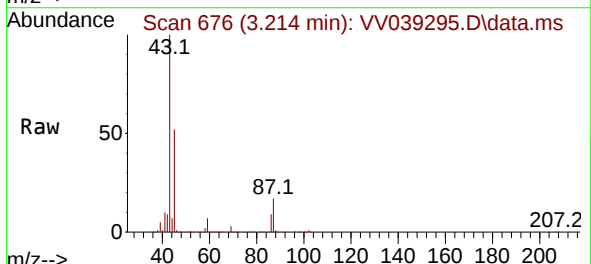
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

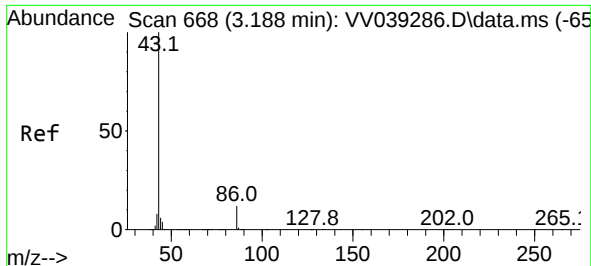
Tgt Ion: 96 Resp: 164932
Ion Ratio Lower Upper
96 100
61 132.3 106.8 160.2
98 60.2 51.1 76.7



#22
Diisopropyl ether
Concen: 20.365 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 45 Resp: 485188
Ion Ratio Lower Upper
45 100
43 192.0 130.8 196.2
87 31.8 23.8 35.8
59 12.9 9.8 14.8

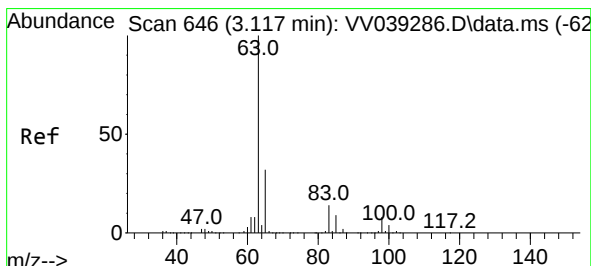
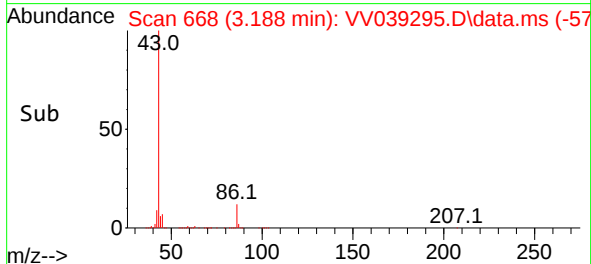
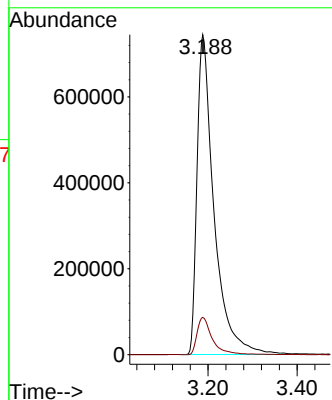
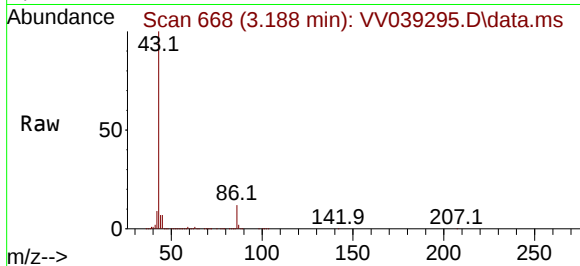




#23
 Vinyl Acetate
 Concen: 94.377 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

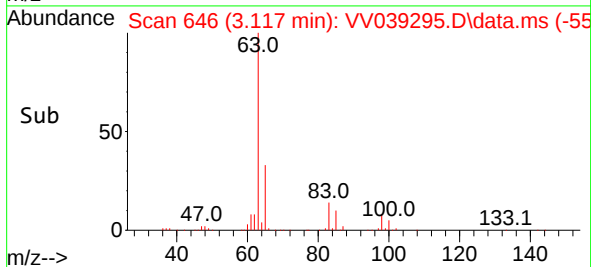
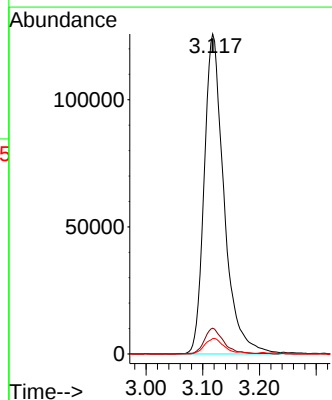
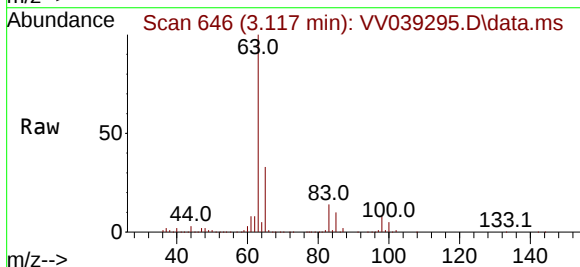
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBSD01

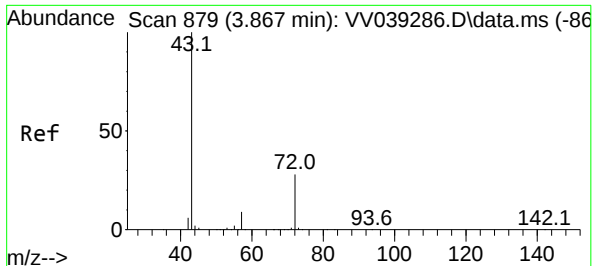
Tgt Ion: 43 Resp: 1973965
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.179 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

Tgt Ion: 63 Resp: 306124
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 100.680 ug/l

RT: 3.867 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

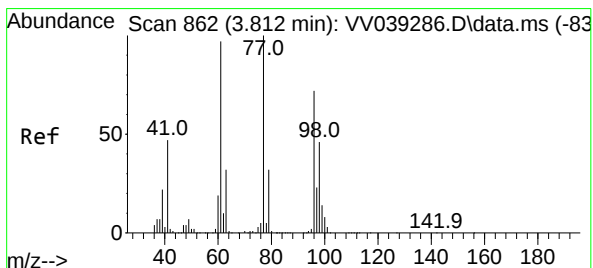
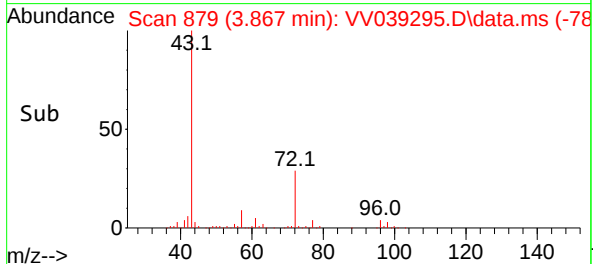
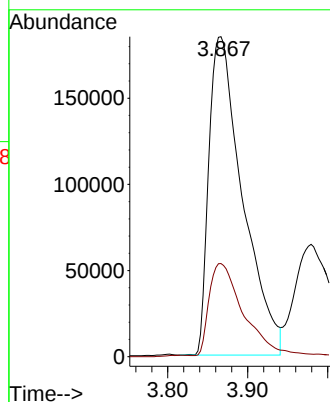
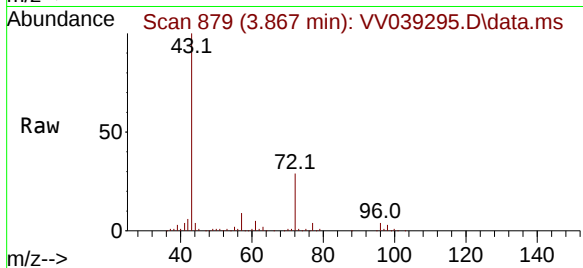
VV1021WBSD01

Tgt Ion: 43 Resp: 543148

Ion Ratio Lower Upper

43 100

72 28.8 22.6 34.0



#26

2,2-Dichloropropane

Concen: 19.839 ug/l

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV039295.D

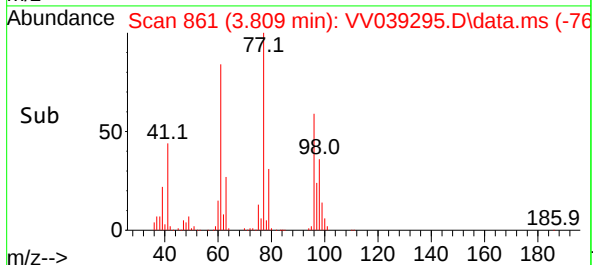
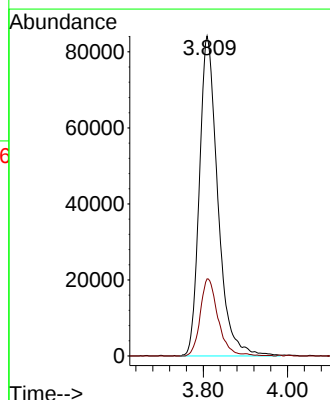
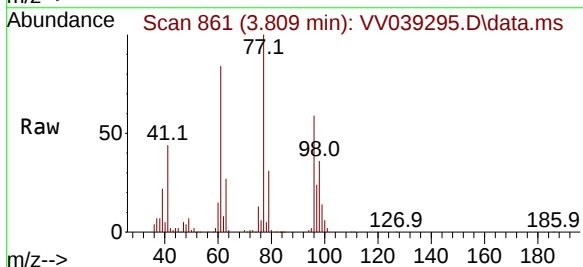
Acq: 21 Oct 2025 10:50

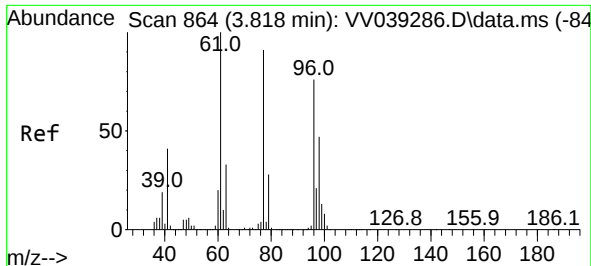
Tgt Ion: 77 Resp: 255045

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8



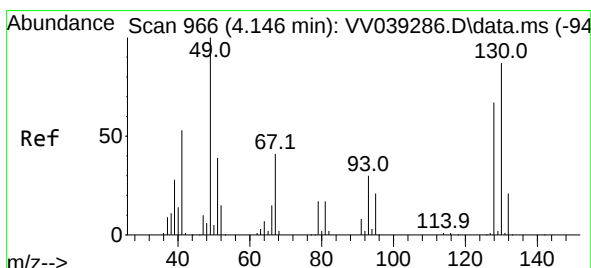
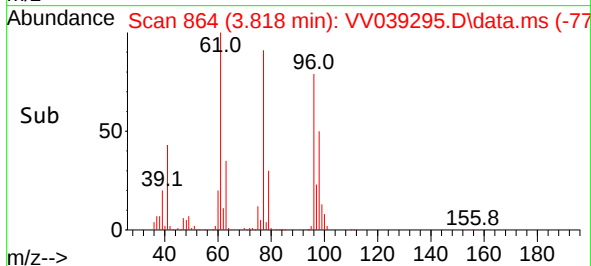
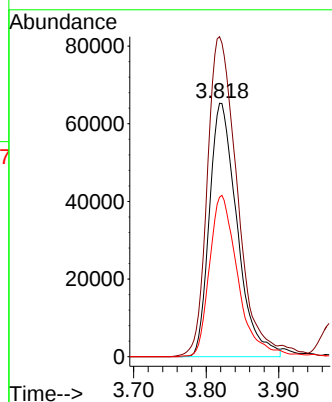
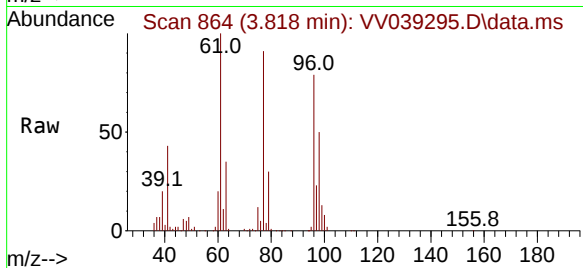


#27
 cis-1,2-Dichloroethene
 Concen: 19.626 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBSD01

Tgt Ion: 96 Resp: 173193

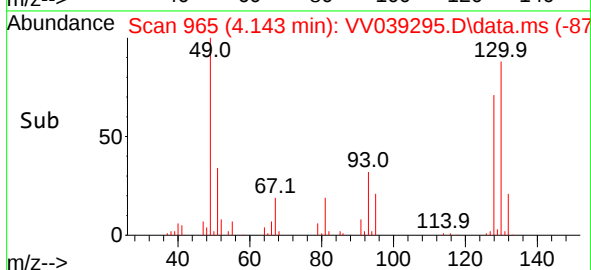
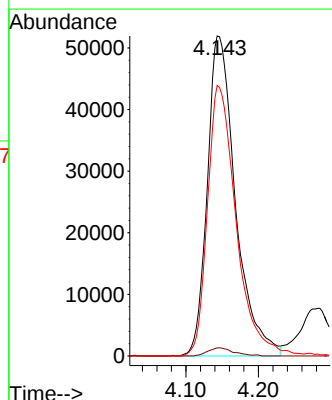
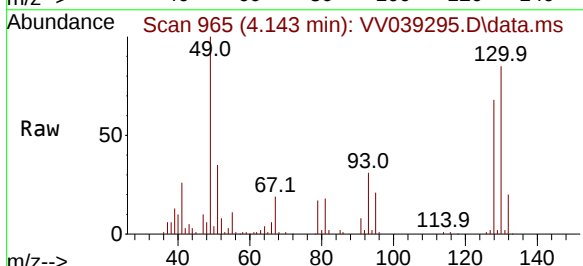
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	275.0
98	65.0	0.0	127.8

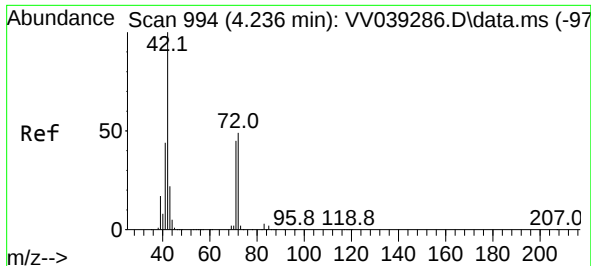


#28
 Bromochloromethane
 Concen: 20.623 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

Tgt Ion: 49 Resp: 140338

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	85.9	69.5	104.3

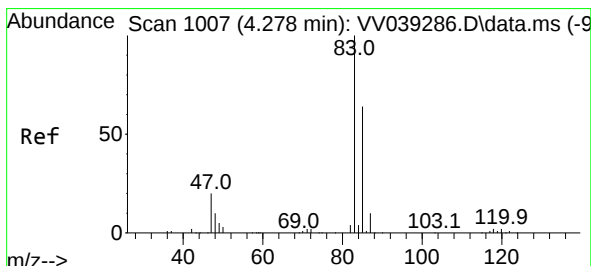
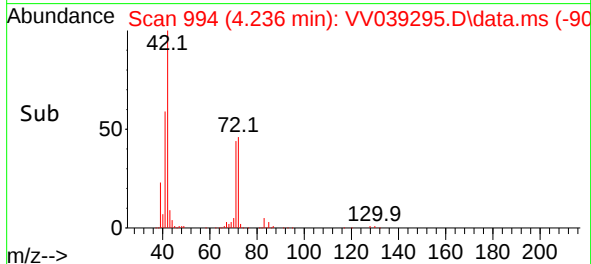
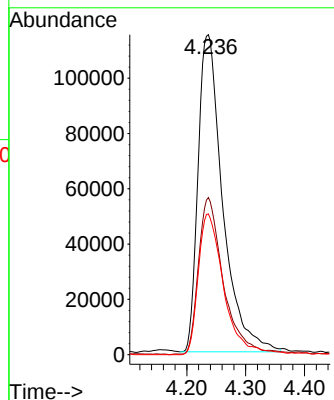
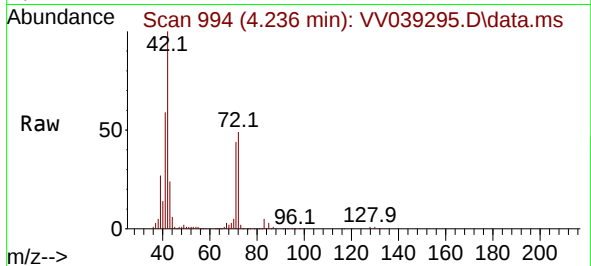




#29
Tetrahydrofuran
Concen: 96.931 ug/l
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

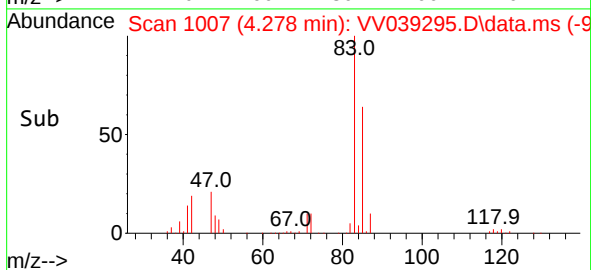
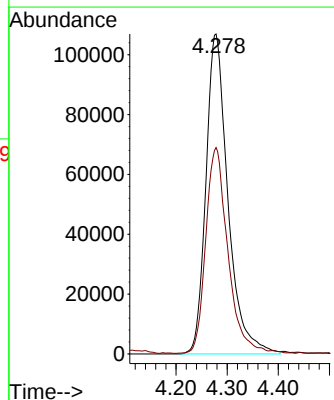
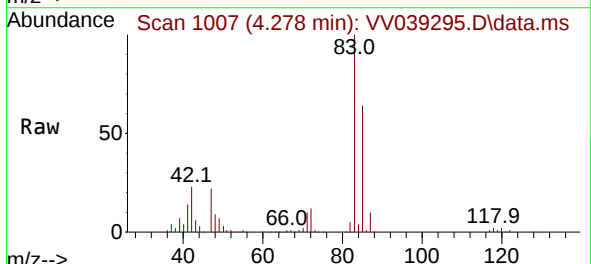
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

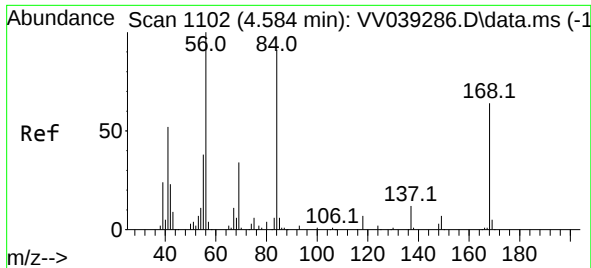
Tgt Ion: 42 Resp: 334352
Ion Ratio Lower Upper
42 100
72 49.0 39.8 59.8
71 45.8 36.5 54.7



#30
Chloroform
Concen: 19.698 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 83 Resp: 320626
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7

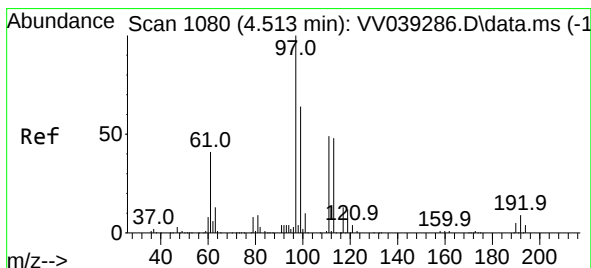
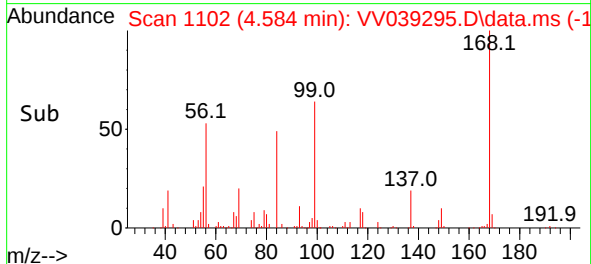
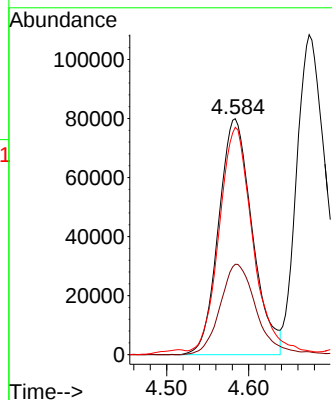
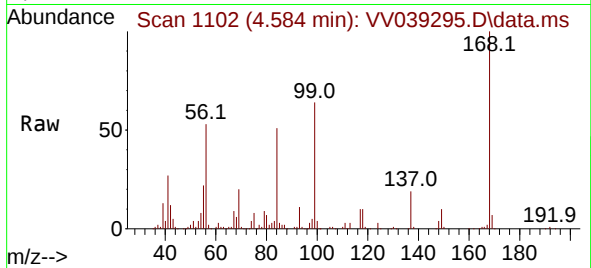




#31
Cyclohexane
Concen: 19.647 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

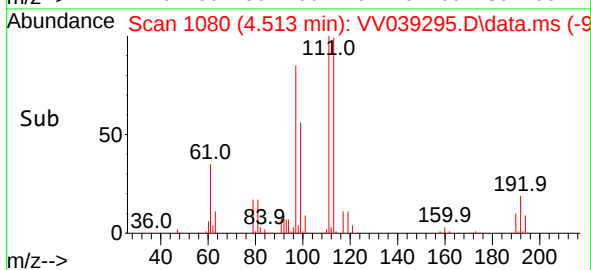
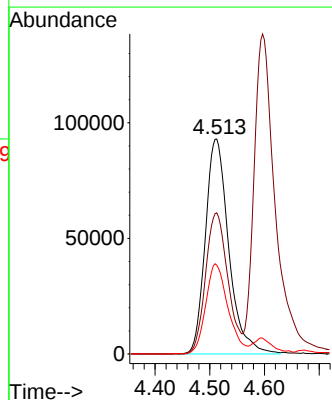
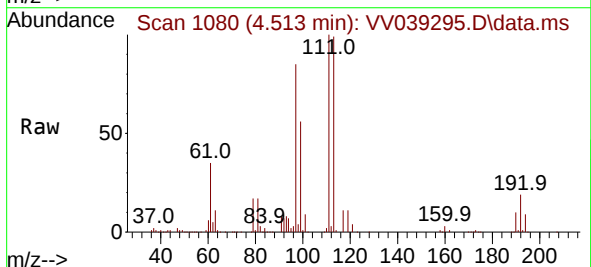
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

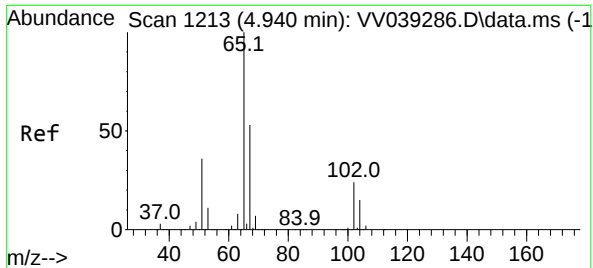
Tgt Ion: 56 Resp: 228406
Ion Ratio Lower Upper
56 100
69 38.3 27.4 41.0
84 94.2 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 19.415 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 97 Resp: 276302
Ion Ratio Lower Upper
97 100
99 62.8 48.6 72.8
61 40.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 52.445 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

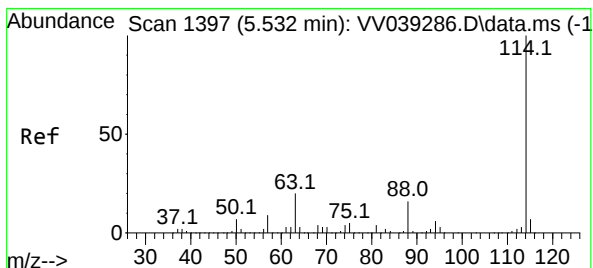
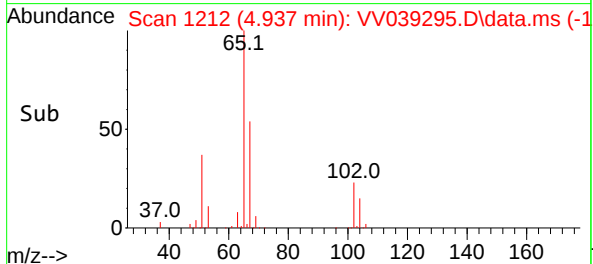
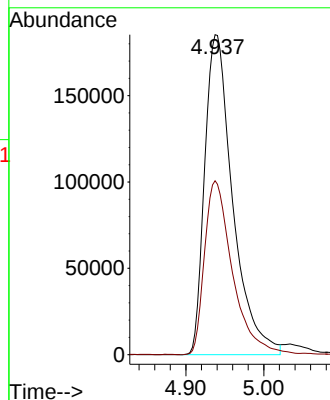
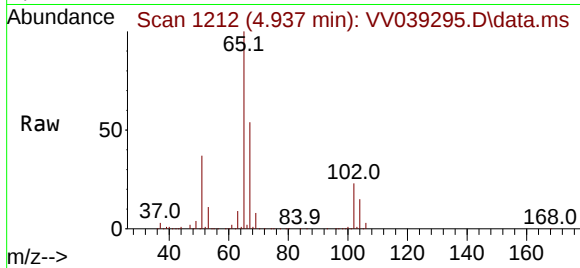
VV1021WBSD01

Tgt Ion: 65 Resp: 462640

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

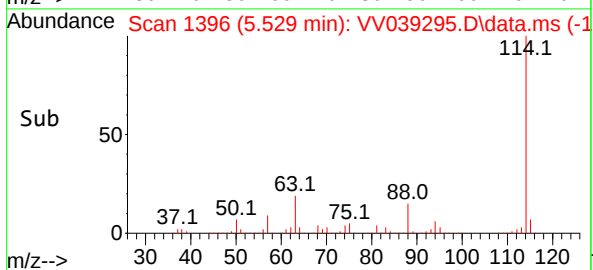
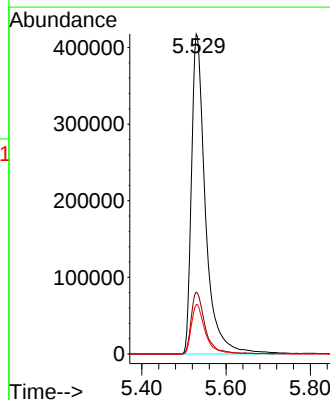
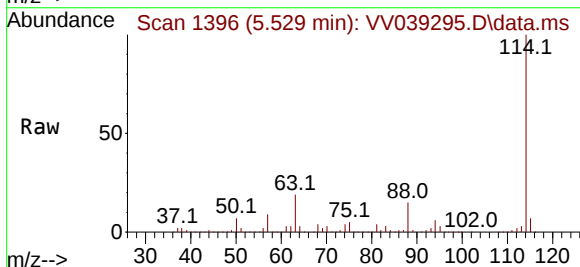
Tgt Ion: 114 Resp: 961522

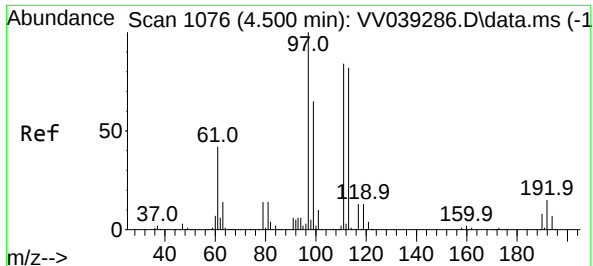
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.4 0.0 31.6

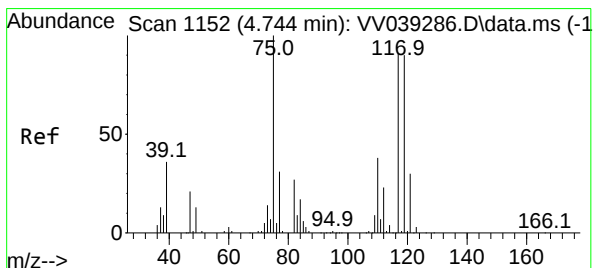
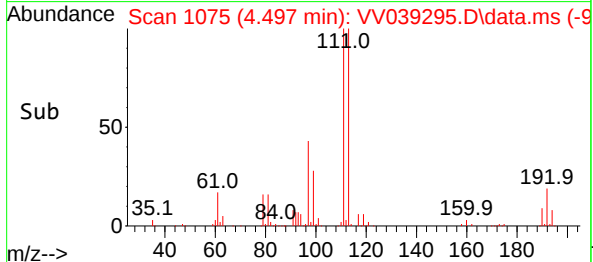
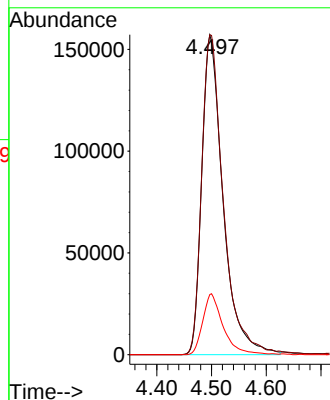
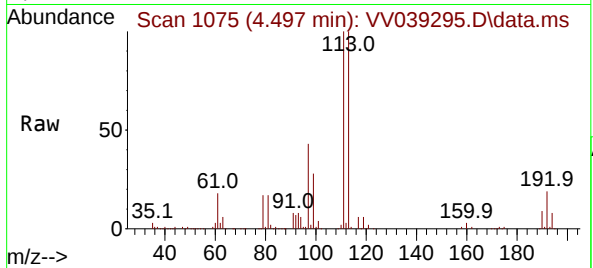




#35
Dibromofluoromethane
Concen: 56.018 ug/l
RT: 4.497 min Scan# 110
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

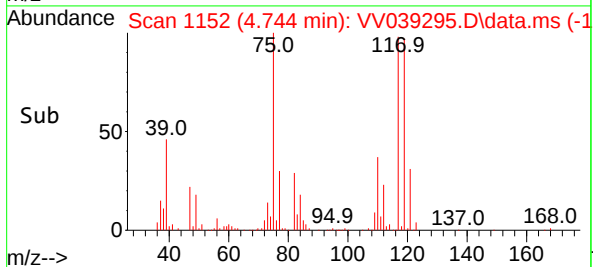
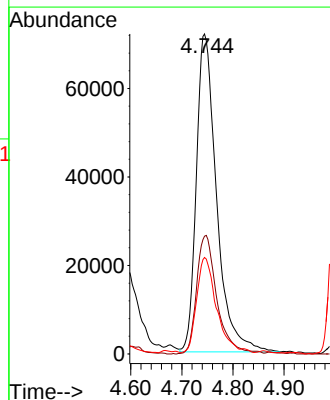
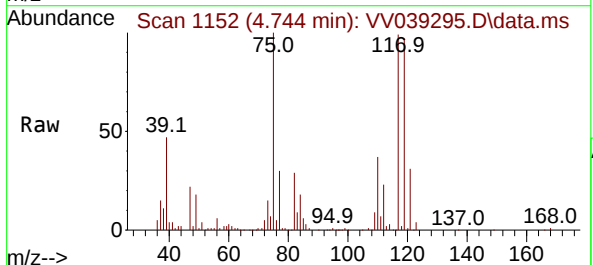
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

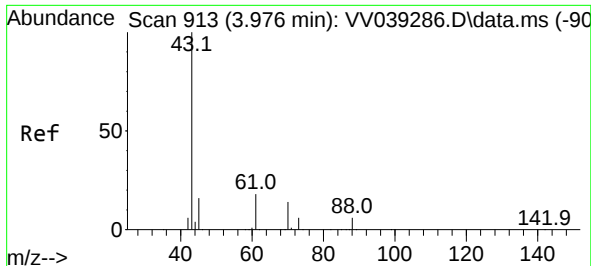
Tgt Ion:113 Resp: 424402
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 18.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 20.786 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 75 Resp: 197791
Ion Ratio Lower Upper
75 100
110 37.4 18.9 56.7
77 28.6 24.1 36.1





#37

Ethyl Acetate

Concen: 18.205 ug/l

RT: 3.979 min Scan# 913

Delta R.T. 0.003 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBSD01

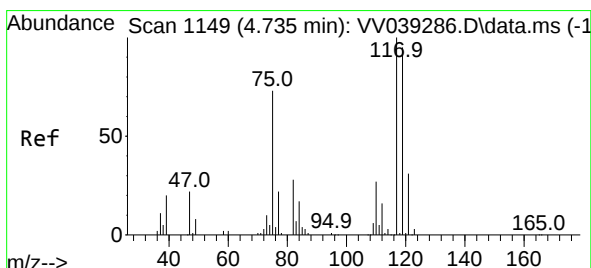
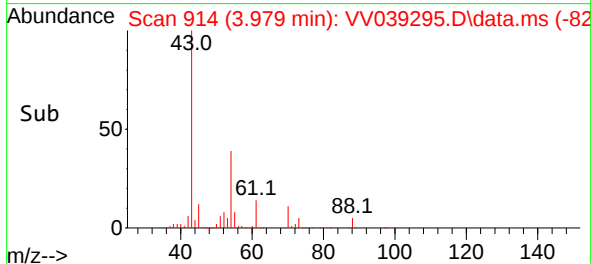
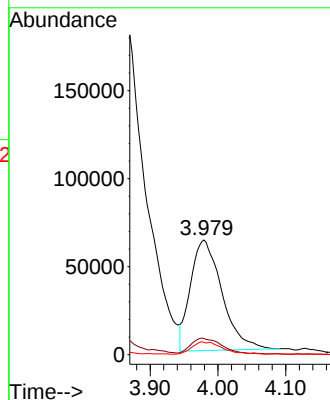
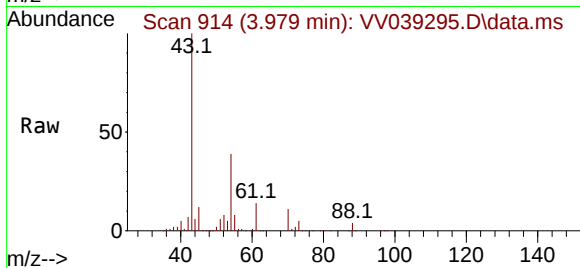
Tgt Ion: 43 Resp: 202806

Ion Ratio Lower Upper

43 100

61 12.6 12.2 18.2

70 5.0 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 20.673 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

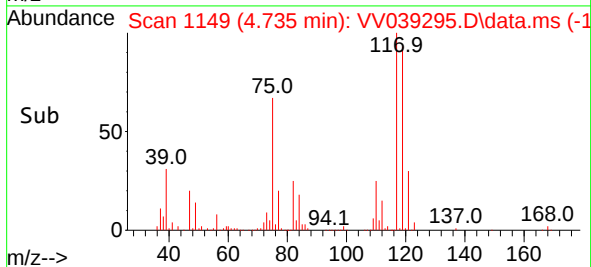
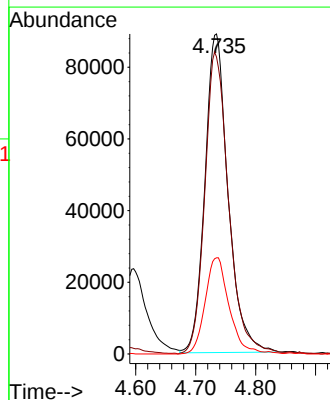
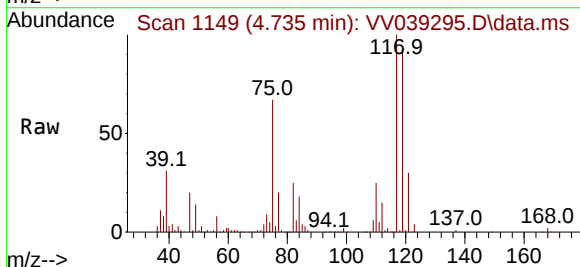
Tgt Ion: 117 Resp: 239667

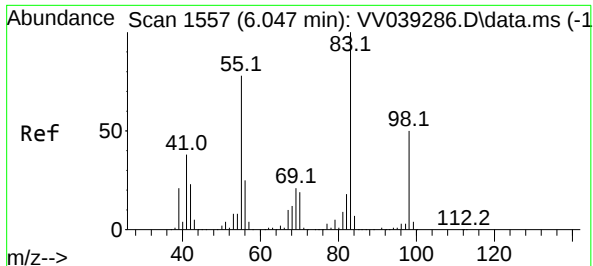
Ion Ratio Lower Upper

117 100

119 93.1 75.9 113.9

121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 19.664 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBSD01

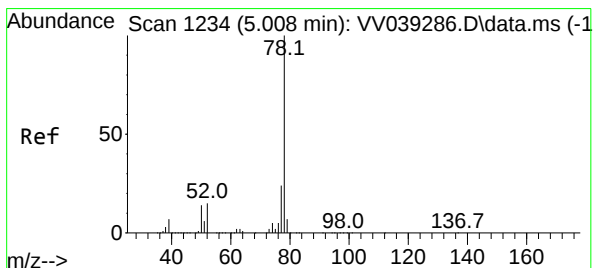
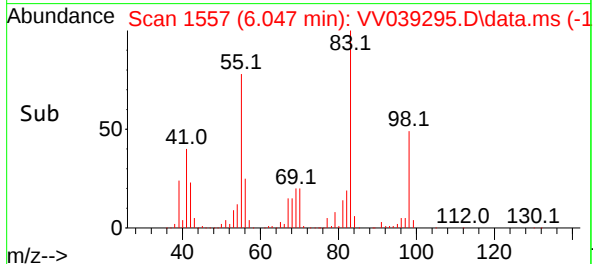
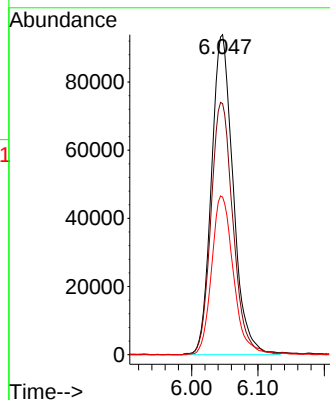
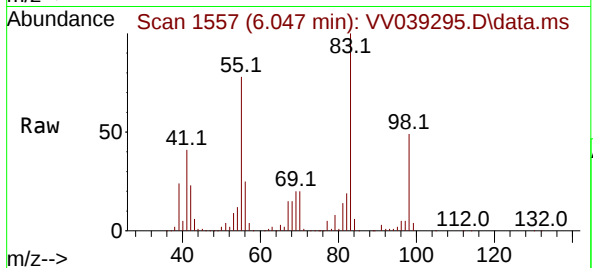
Tgt Ion: 83 Resp: 213854

Ion Ratio Lower Upper

83 100

55 78.4 62.1 93.1

98 49.3 40.2 60.4



#40

Benzene

Concen: 20.826 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039295.D

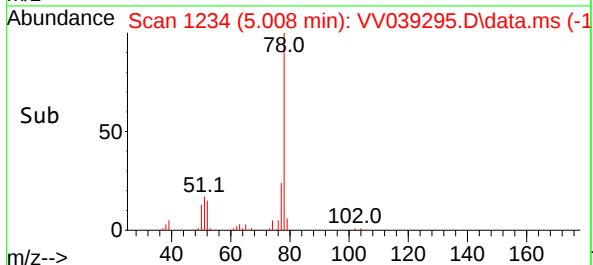
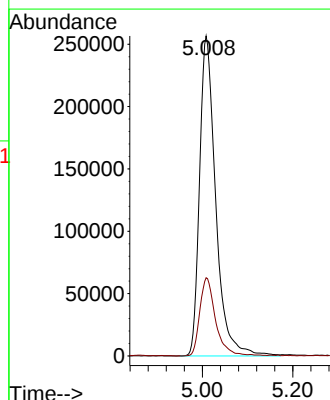
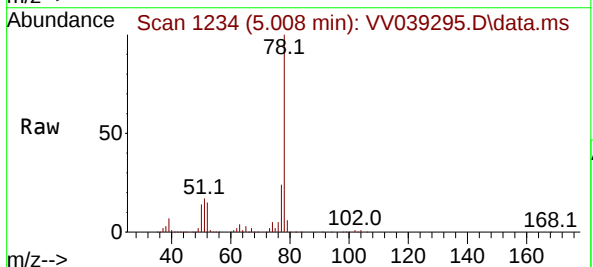
Acq: 21 Oct 2025 10:50

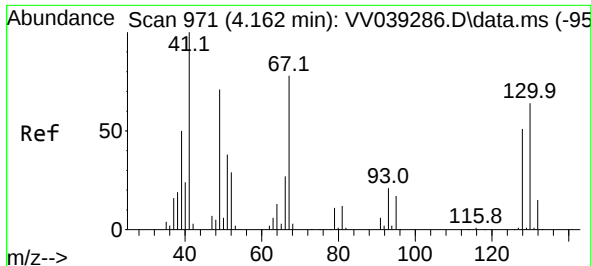
Tgt Ion: 78 Resp: 635914

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3

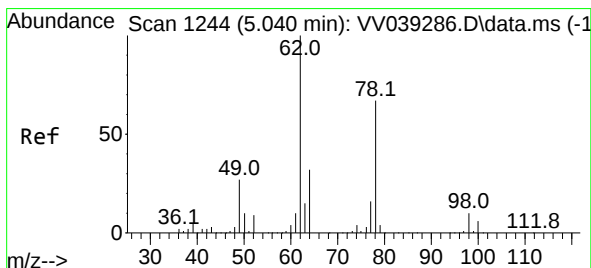
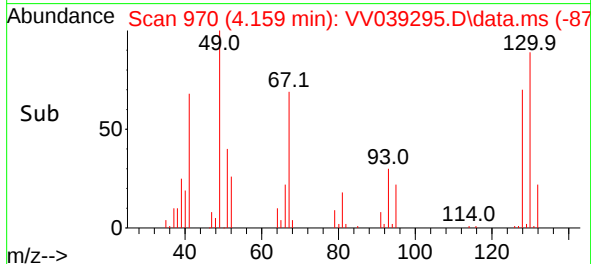
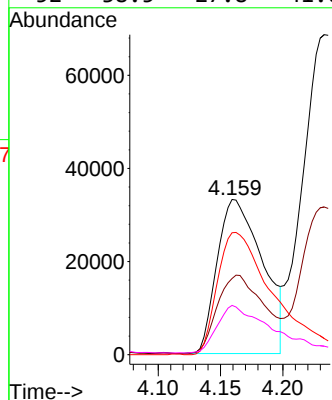
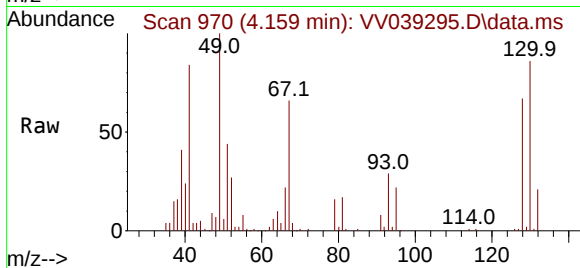




#41
Methacrylonitrile
Concen: 18.687 ug/l
RT: 4.159 min Scan# 91
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

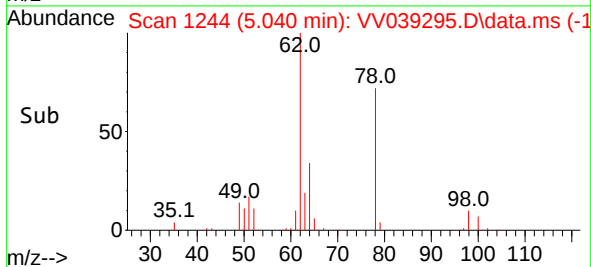
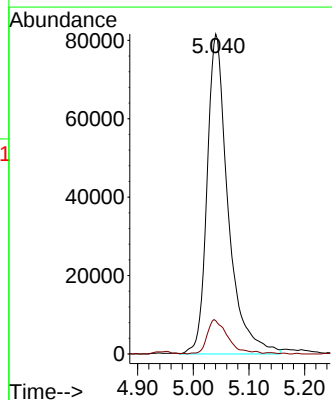
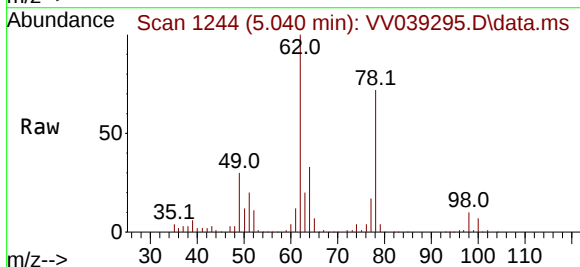
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

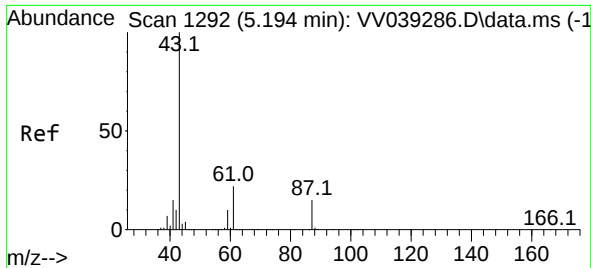
Tgt Ion: 41 Resp: 83811
Ion Ratio Lower Upper
41 100
39 52.2 40.9 61.3
67 102.3 73.1 109.7
52 38.5 27.8 41.6



#42
1,2-Dichloroethane
Concen: 19.960 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 62 Resp: 213897
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.0

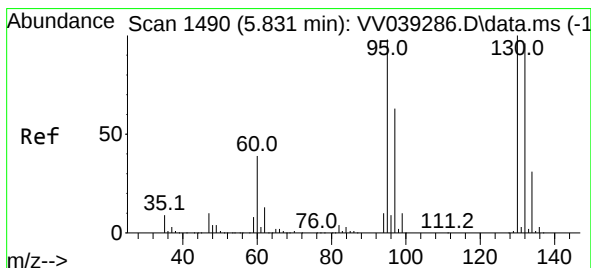
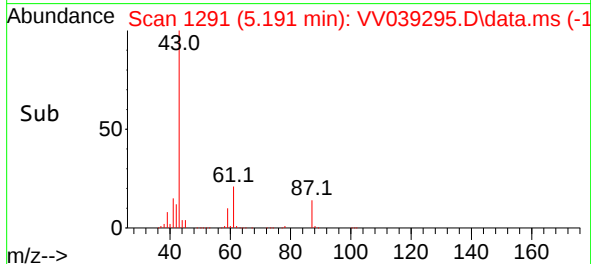
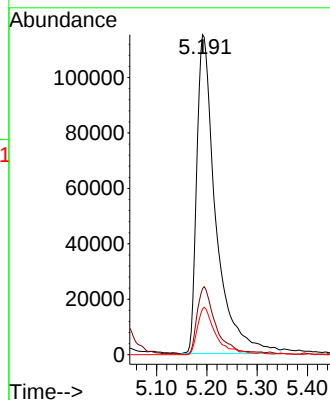
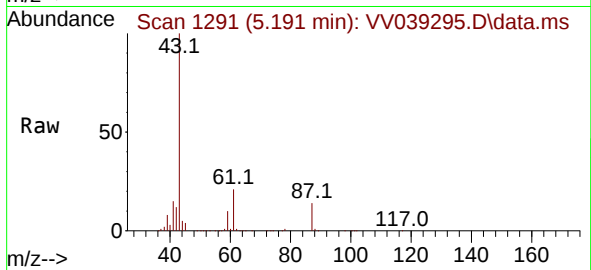




#43
Isopropyl Acetate
Concen: 20.798 ug/l
RT: 5.191 min Scan# 1292
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

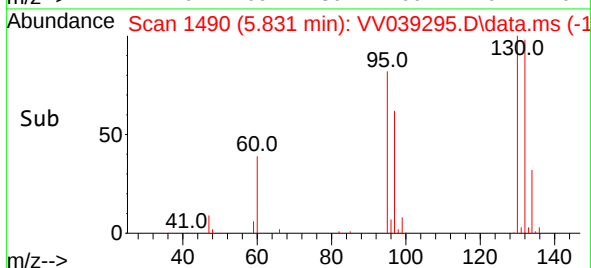
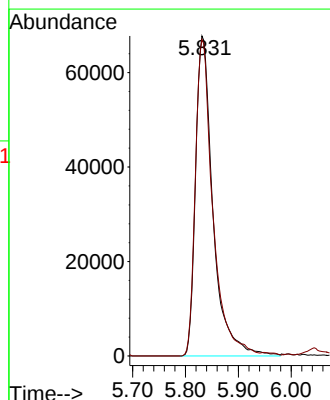
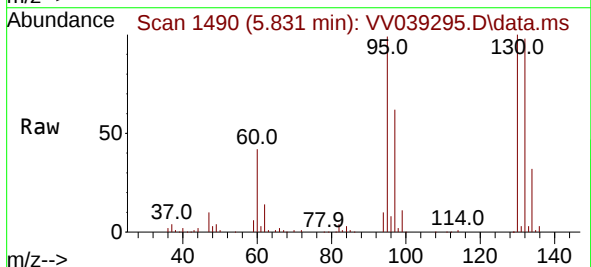
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

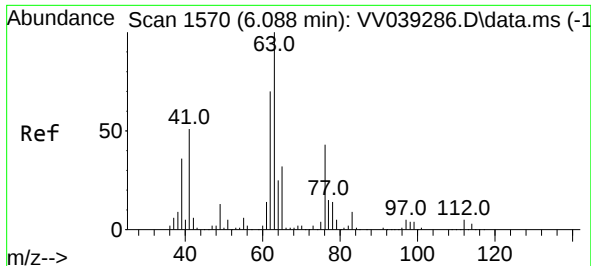
Tgt Ion: 43 Resp: 303322
Ion Ratio Lower Upper
43 100
61 20.7 17.1 25.7
87 13.8 11.5 17.3



#44
Trichloroethene
Concen: 20.207 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:130 Resp: 155162
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 20.721 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

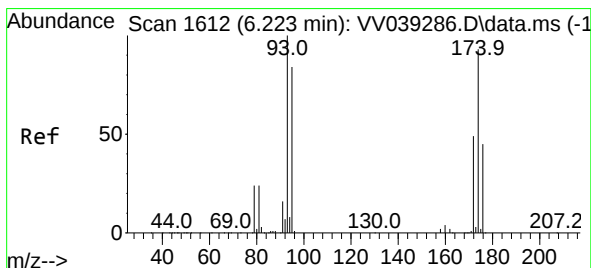
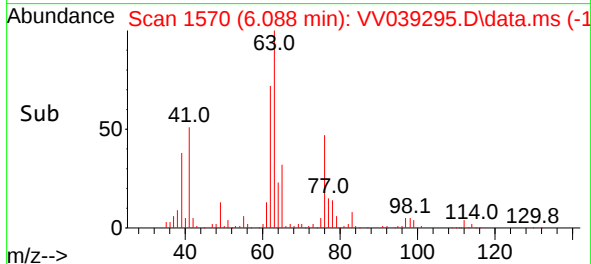
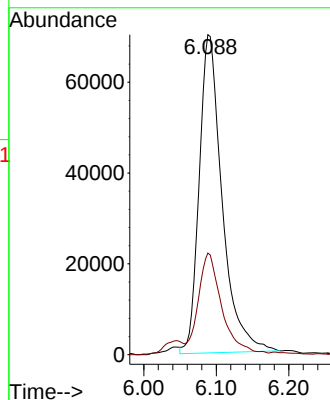
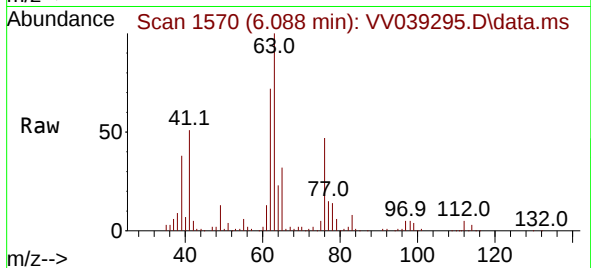
VV1021WBSD01

Tgt Ion: 63 Resp: 153960

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 20.070 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

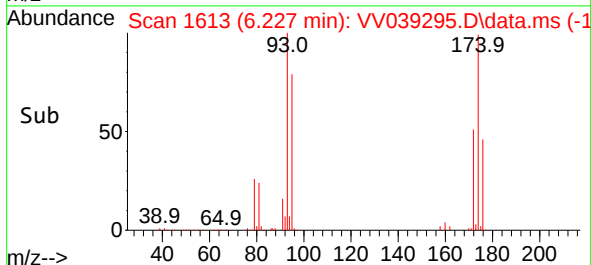
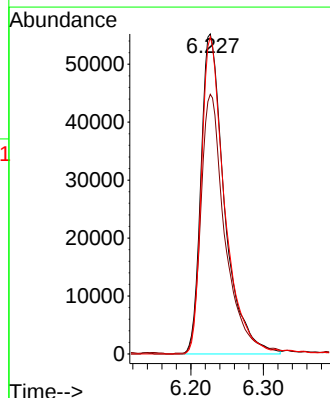
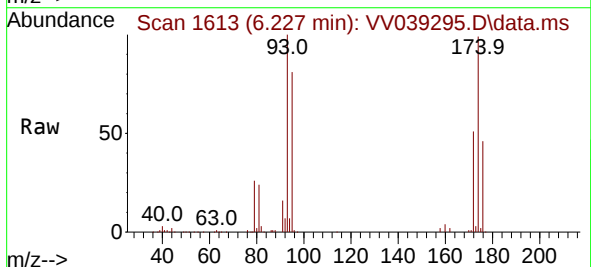
Tgt Ion: 93 Resp: 124644

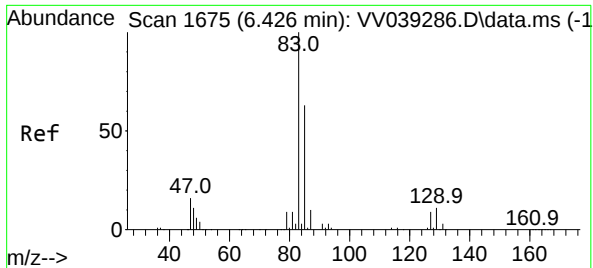
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 97.4 74.6 112.0

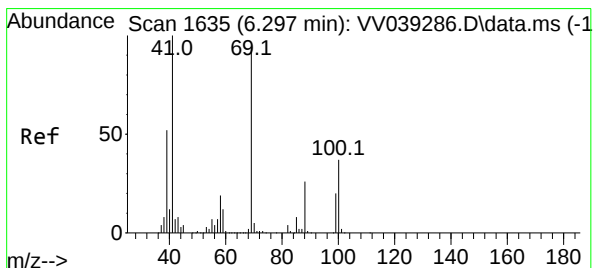
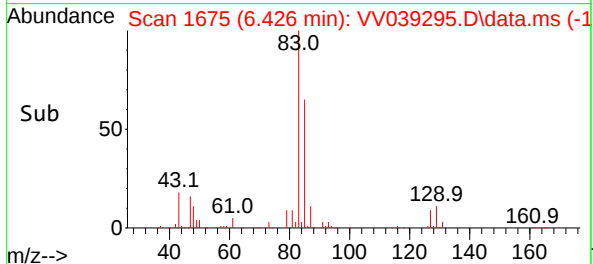
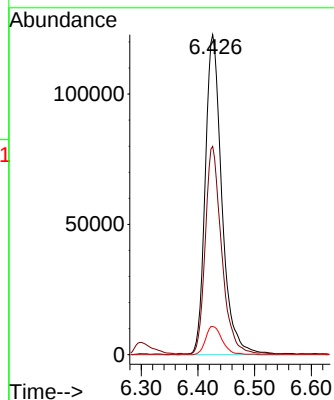
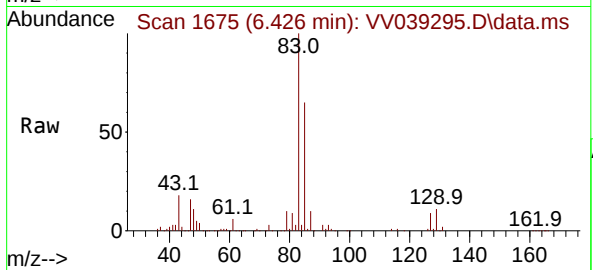




#47
Bromodichloromethane
Concen: 20.476 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

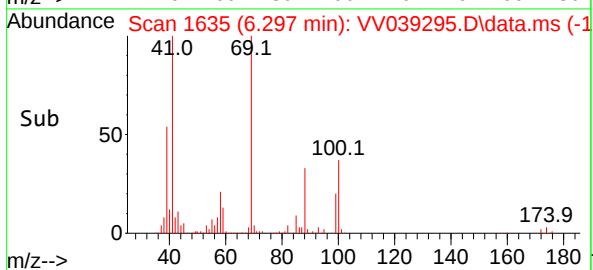
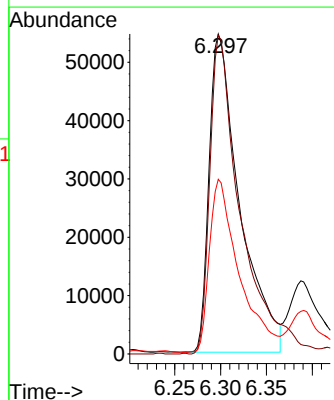
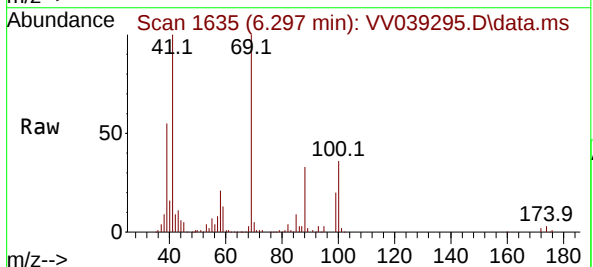
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

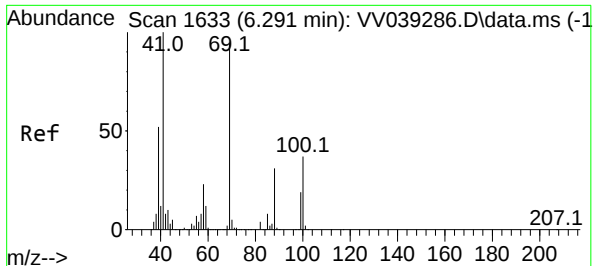
Tgt Ion: 83 Resp: 250558
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 18.697 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 41 Resp: 126326
Ion Ratio Lower Upper
41 100
69 101.4 77.2 115.8
39 53.1 41.4 62.0





#49

1,4-Dioxane

Concen: 427.267 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBSD01

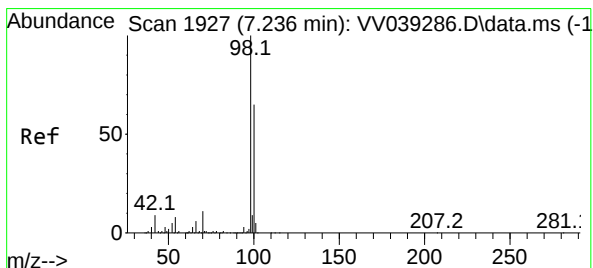
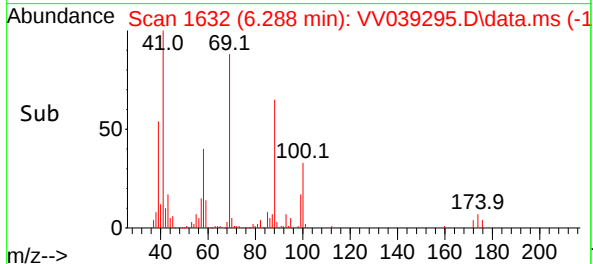
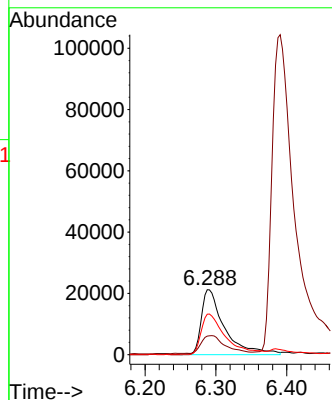
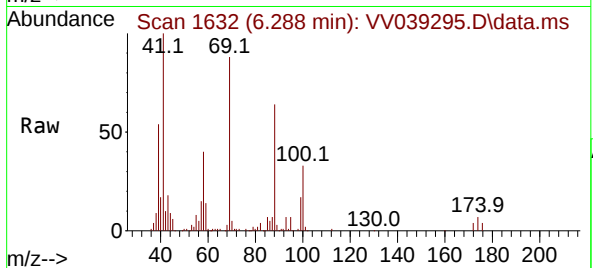
Tgt Ion: 88 Resp: 48024

Ion Ratio Lower Upper

88 100

43 28.0 24.1 36.1

58 65.8 57.6 86.4



#50

Toluene-d8

Concen: 54.610 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039295.D

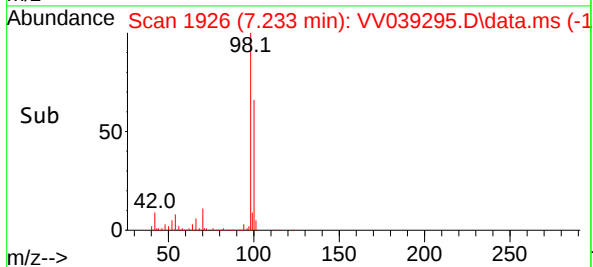
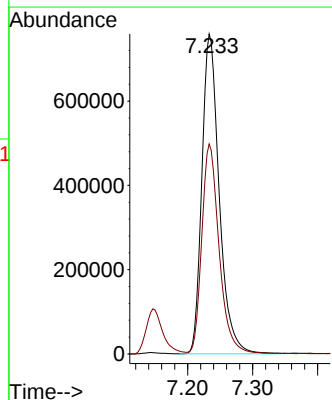
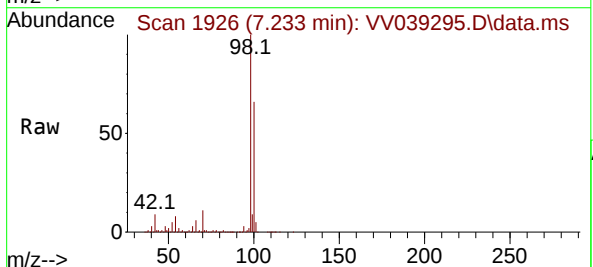
Acq: 21 Oct 2025 10:50

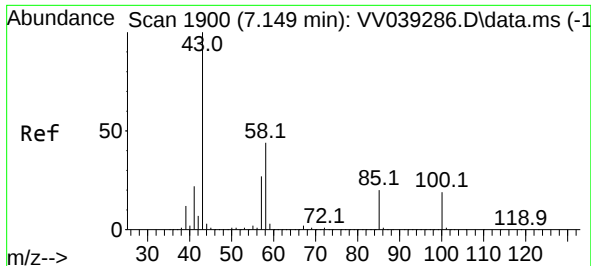
Tgt Ion: 98 Resp: 1407505

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2

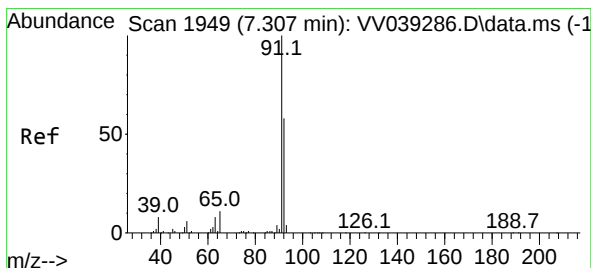
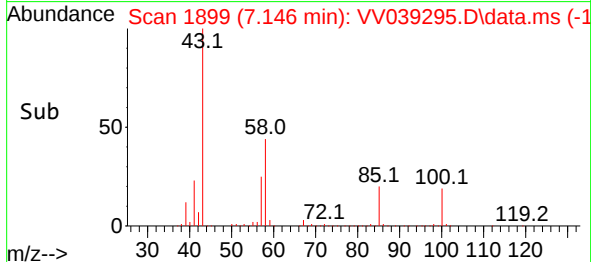
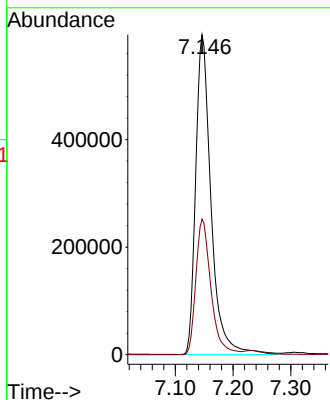
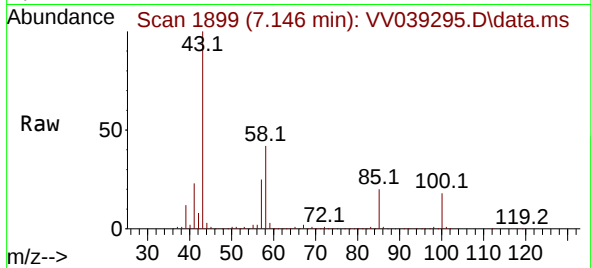




#51
4-Methyl-2-Pentanone
Concen: 108.489 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

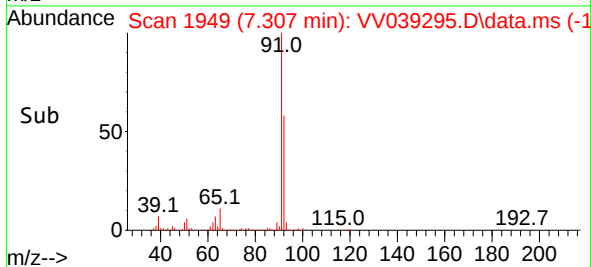
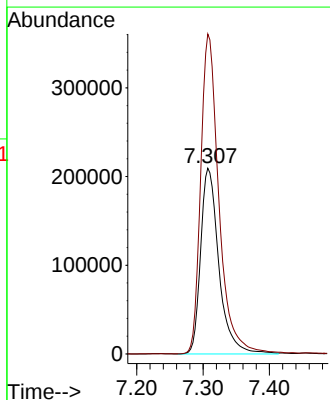
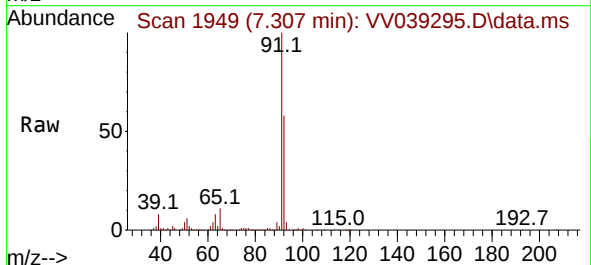
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

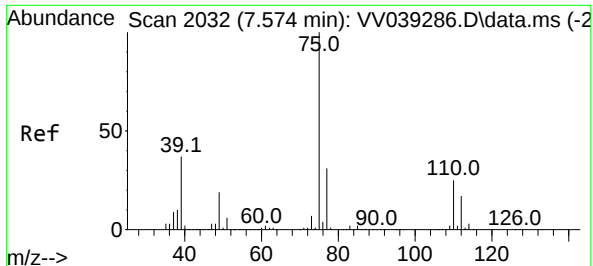
Tgt Ion: 43 Resp: 1097736
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.4



#52
Toluene
Concen: 21.731 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 92 Resp: 400640
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9

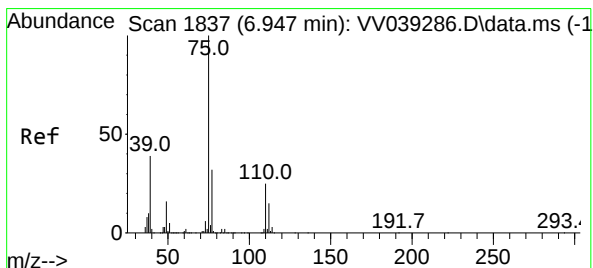
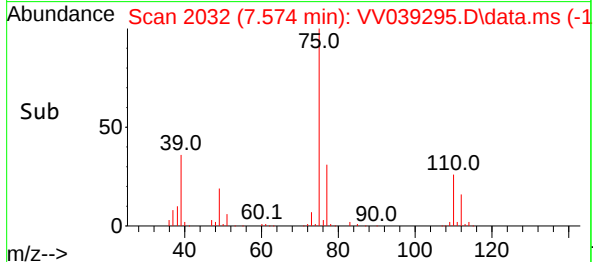
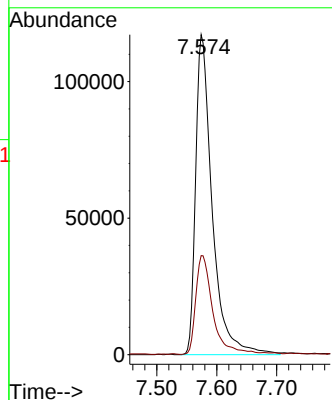
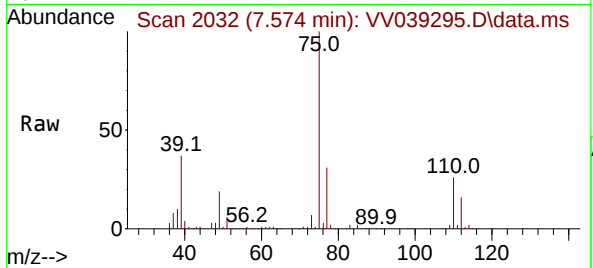




#53
 t-1,3-Dichloropropene
 Concen: 21.085 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

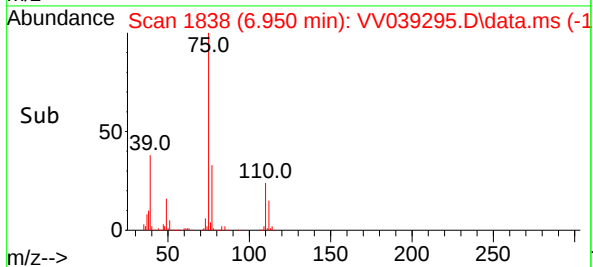
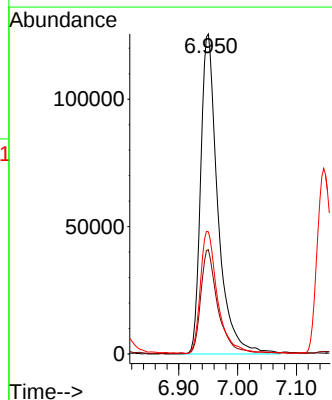
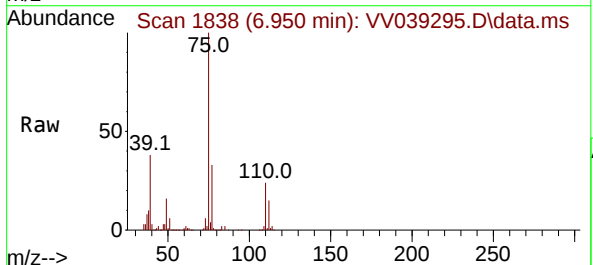
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBSD01

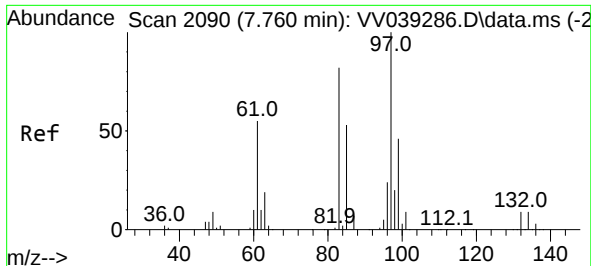
Tgt Ion: 75 Resp: 225493
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.427 ug/l
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

Tgt Ion: 75 Resp: 254757
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4
 39 37.8 31.0 46.6

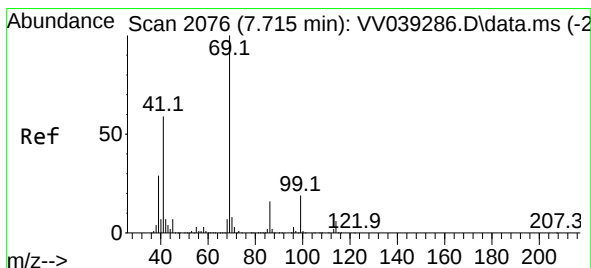
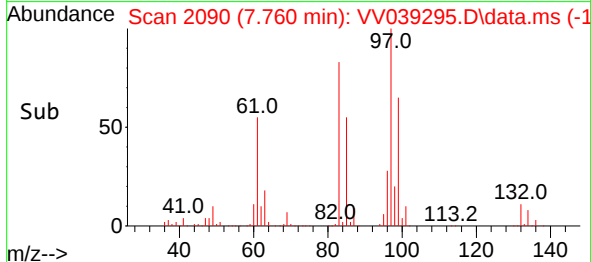
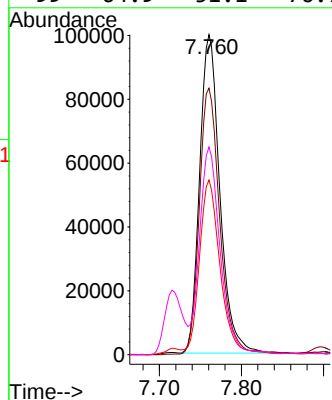
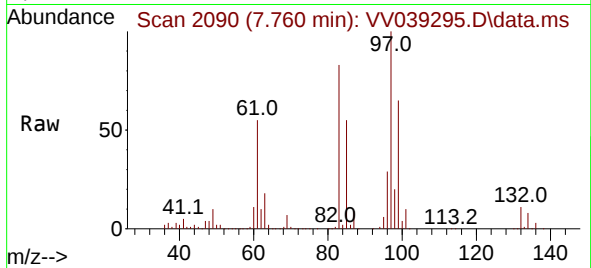




#55
1,1,2-Trichloroethane
Concen: 20.512 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

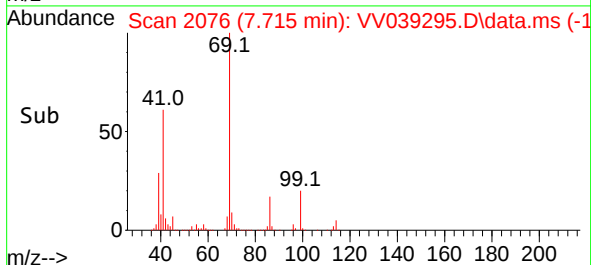
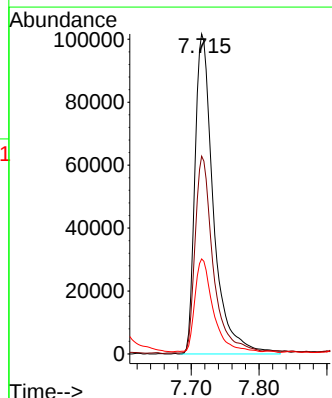
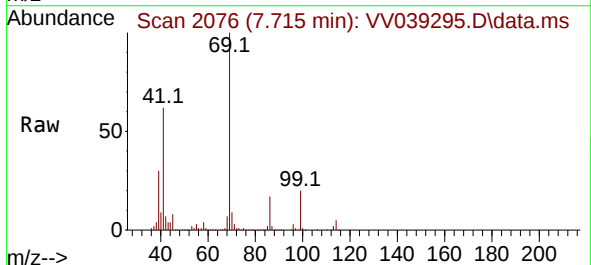
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

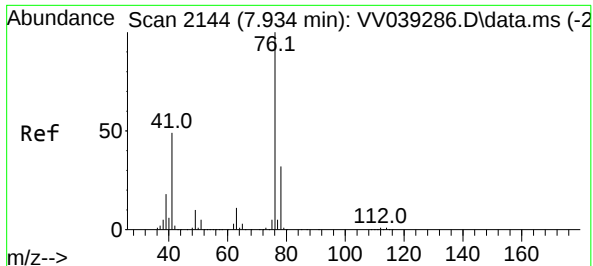
Tgt Ion:	97	Resp:	170757
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.8	98.8
85	54.5	43.3	64.9
99	64.9	51.1	76.7



#56
Ethyl methacrylate
Concen: 20.490 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:	69	Resp:	193252
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.1	70.7
39	28.1	23.2	34.8





#57

1,3-Dichloropropane

Concen: 21.305 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

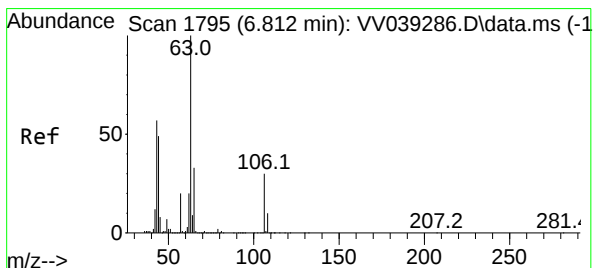
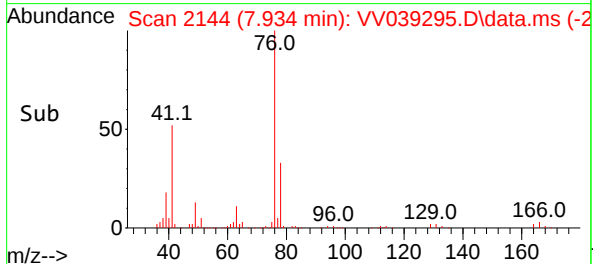
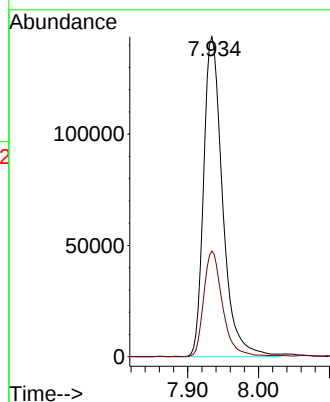
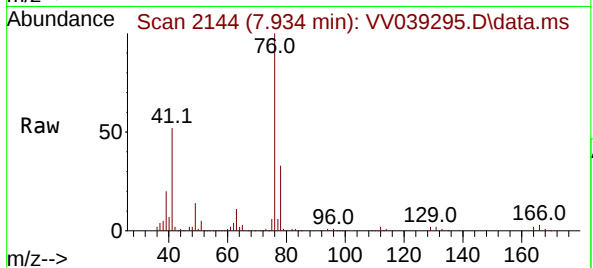
VV1021WBSD01

Tgt Ion: 76 Resp: 267636

Ion Ratio Lower Upper

76 100

78 32.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.448 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV039295.D

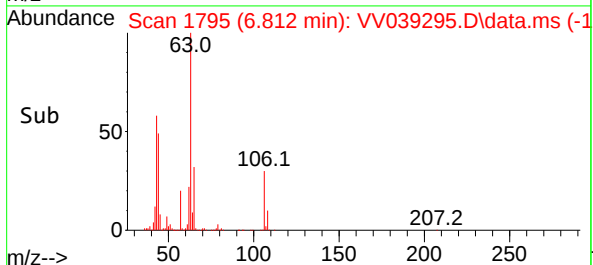
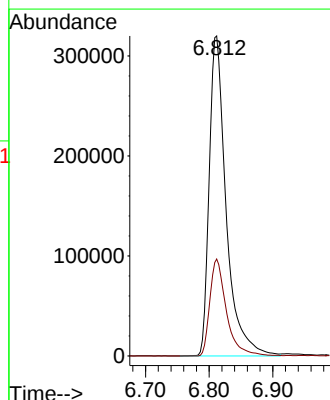
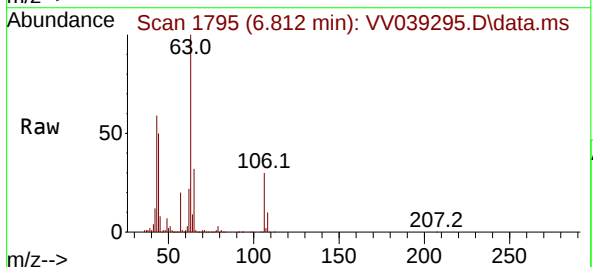
Acq: 21 Oct 2025 10:50

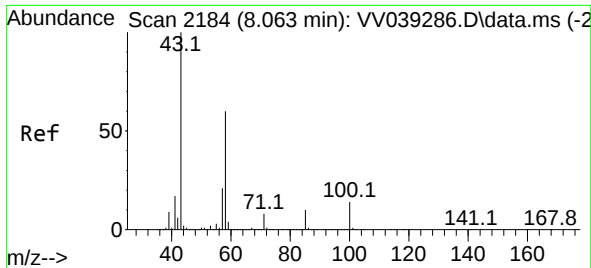
Tgt Ion: 63 Resp: 590620

Ion Ratio Lower Upper

63 100

106 29.7 23.5 35.3

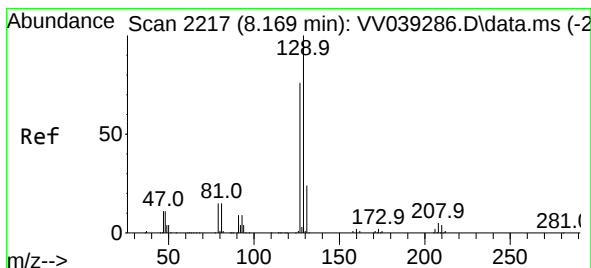
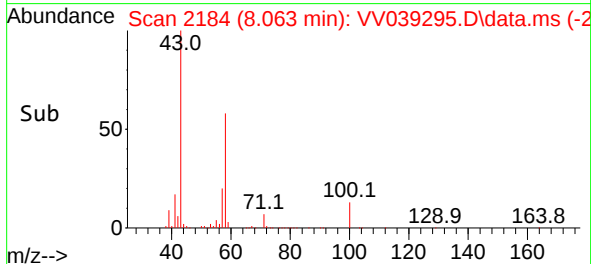
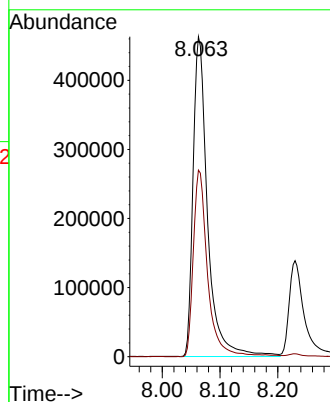
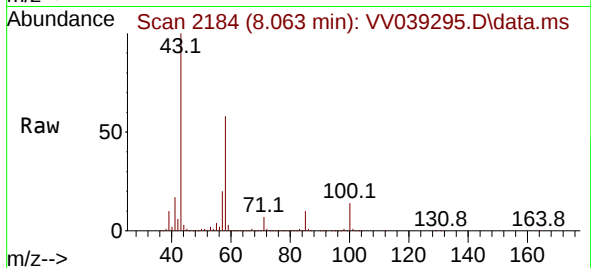




#59
2-Hexanone
Concen: 108.358 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

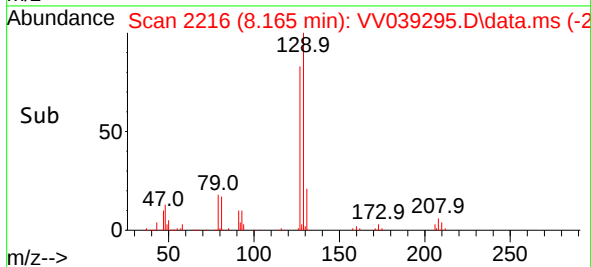
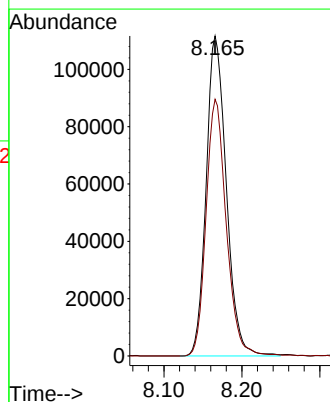
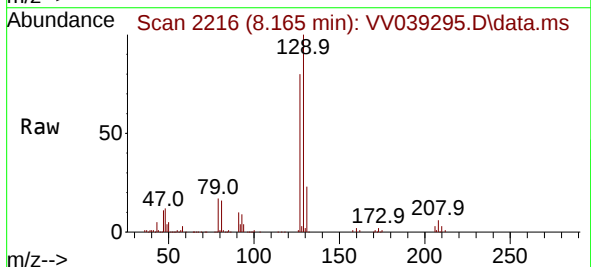
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

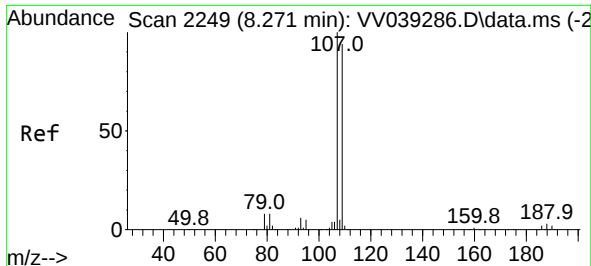
Tgt Ion: 43 Resp: 804924
Ion Ratio Lower Upper
43 100
58 57.2 29.6 88.9



#60
Dibromochloromethane
Concen: 20.579 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 129 Resp: 200303
Ion Ratio Lower Upper
129 100
127 80.6 38.4 115.1

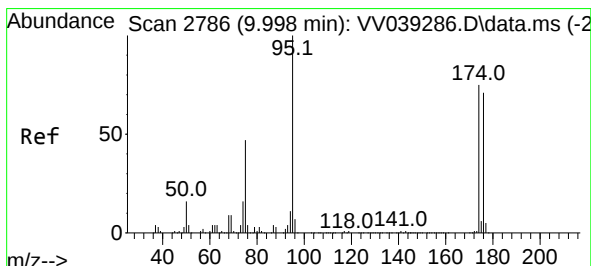
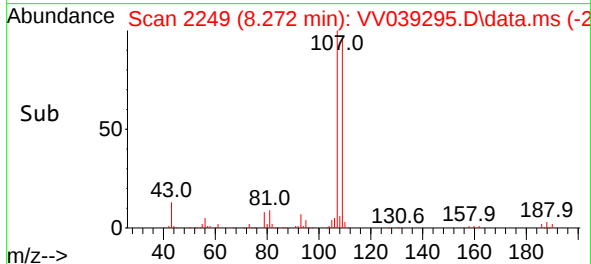
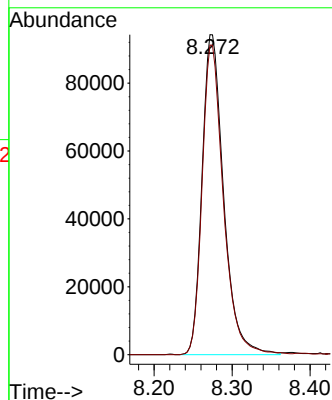
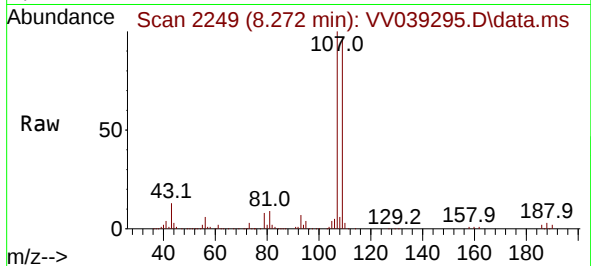




#61
1,2-Dibromoethane
Concen: 20.924 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

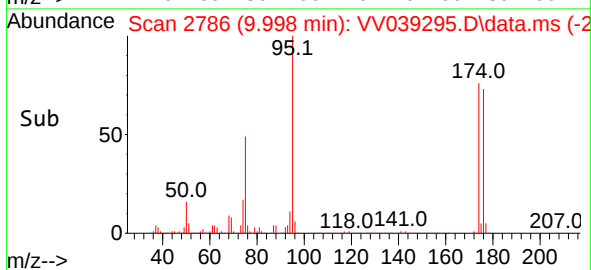
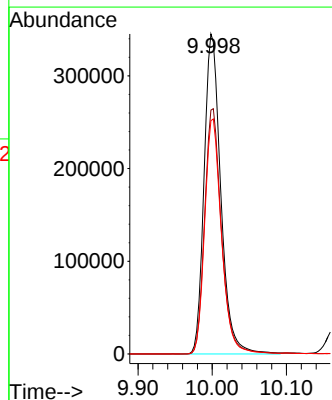
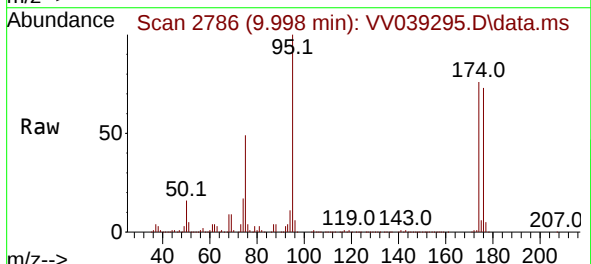
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

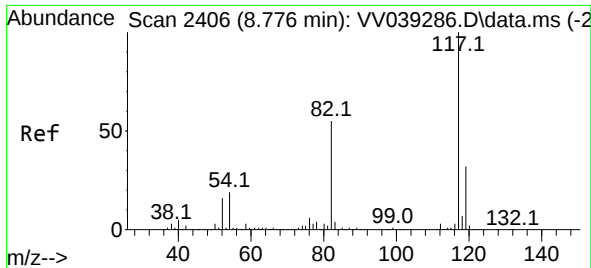
Tgt Ion:107 Resp: 181376
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 58.781 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 95 Resp: 539554
Ion Ratio Lower Upper
95 100
174 77.1 0.0 153.6
176 73.8 0.0 146.0

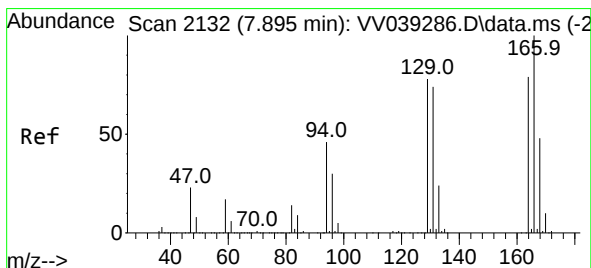
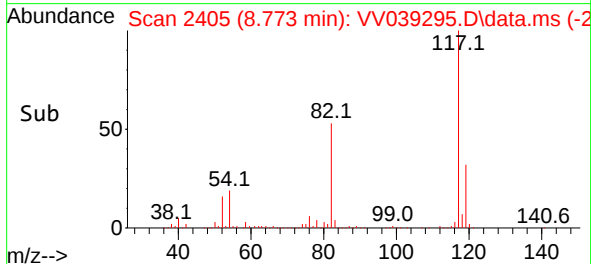
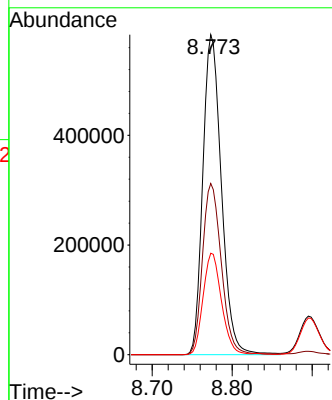
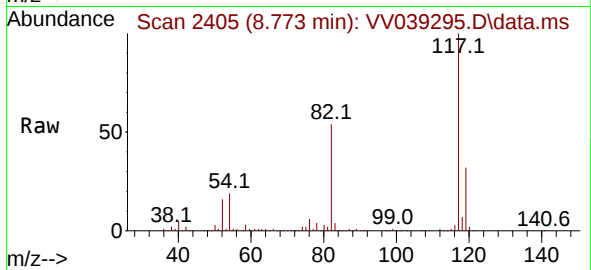




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

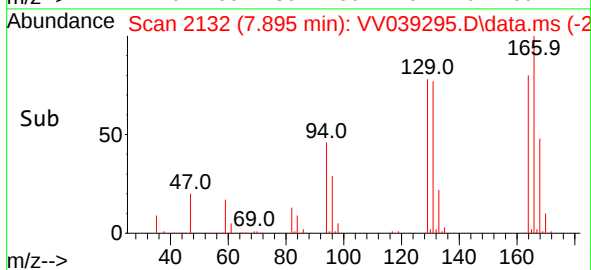
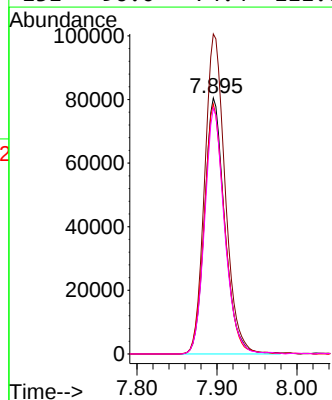
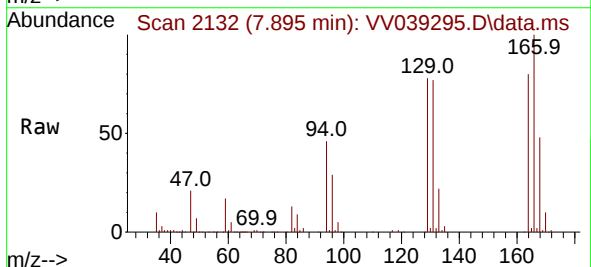
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

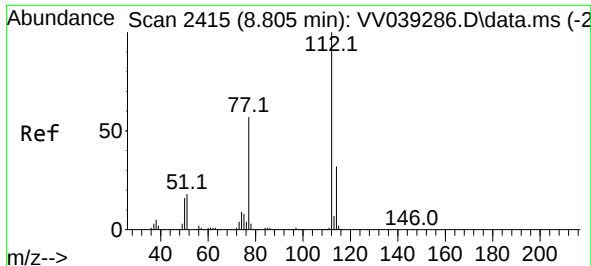
Tgt Ion:117 Resp: 946126
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 20.352 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:164 Resp: 140462
Ion Ratio Lower Upper
164 100
166 125.0 101.0 151.6
129 97.6 79.0 118.6
131 96.0 74.4 111.6

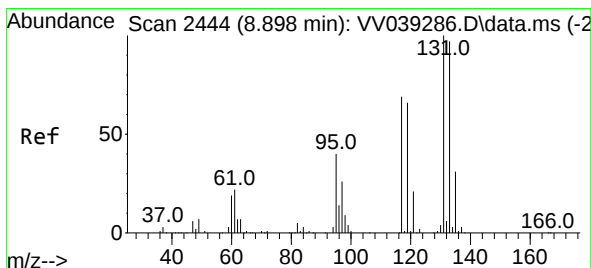
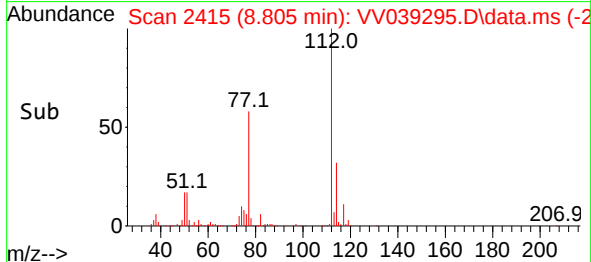
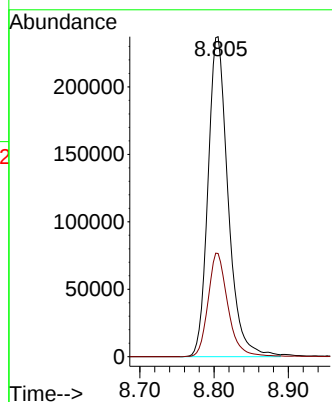
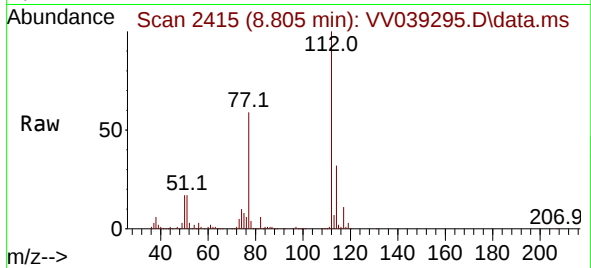




#65
Chlorobenzene
Concen: 19.867 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

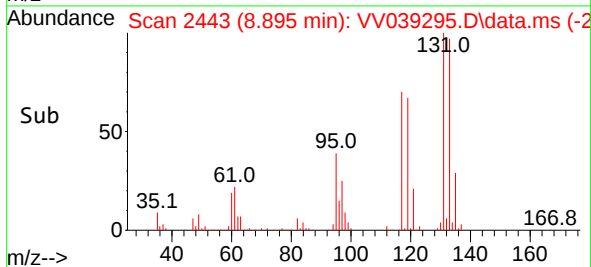
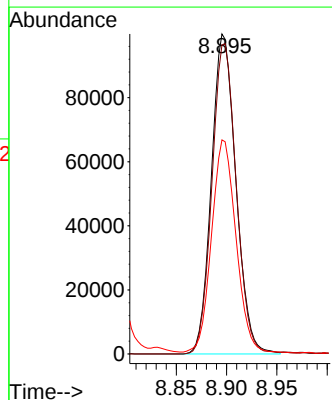
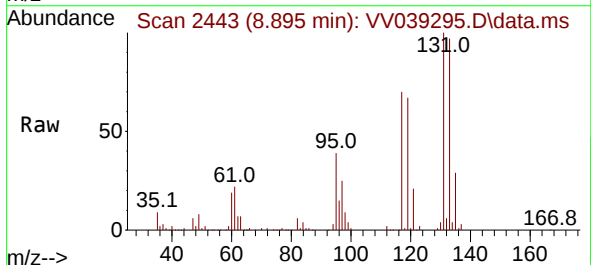
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

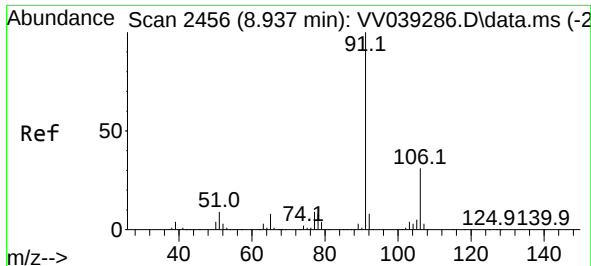
Tgt Ion:112 Resp: 444986
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:131 Resp: 169144
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 66.4 32.7 98.1

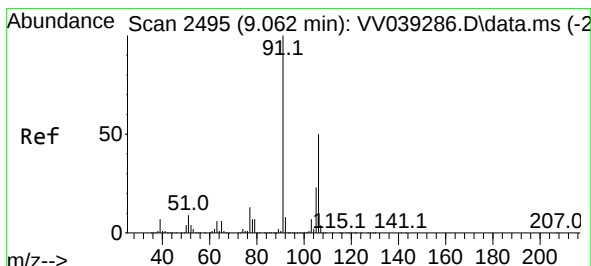
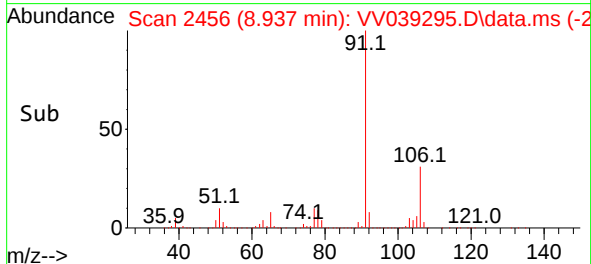
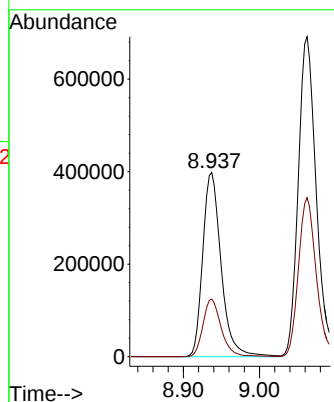
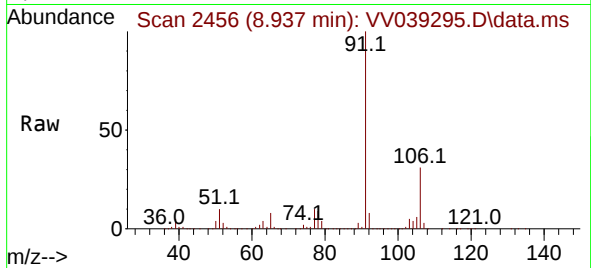




#67
Ethyl Benzene
Concen: 20.293 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

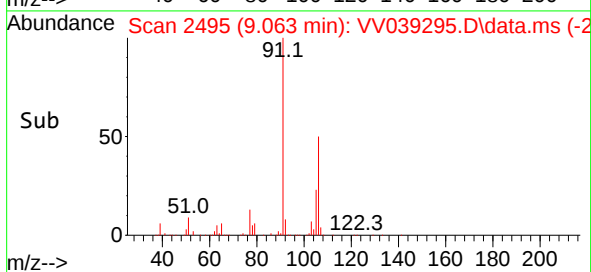
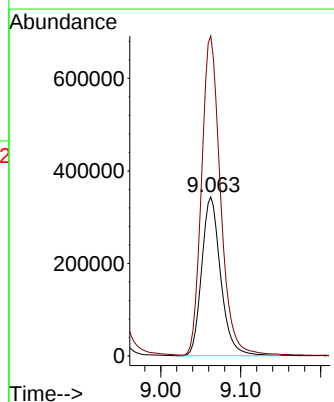
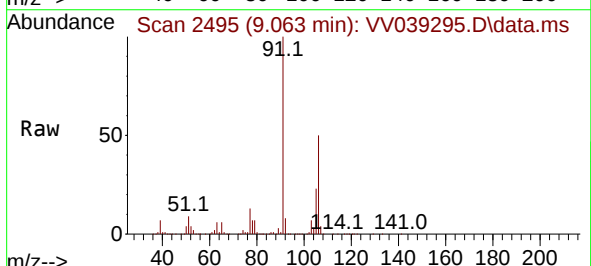
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

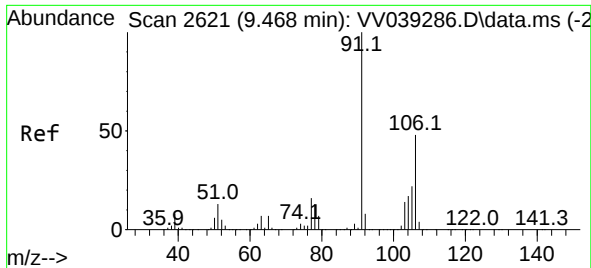
Tgt Ion: 91 Resp: 669532
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 43.300 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 106 Resp: 566603
Ion Ratio Lower Upper
106 100
91 202.2 160.2 240.2

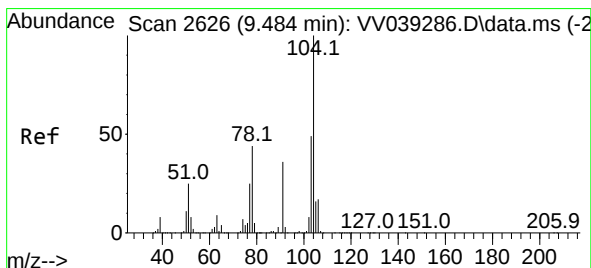
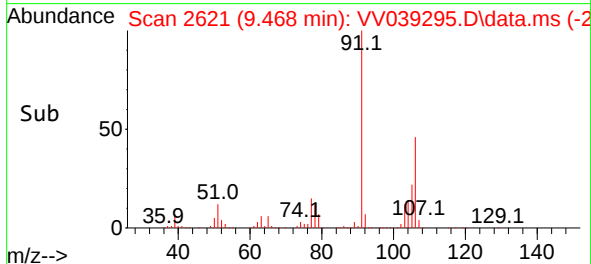
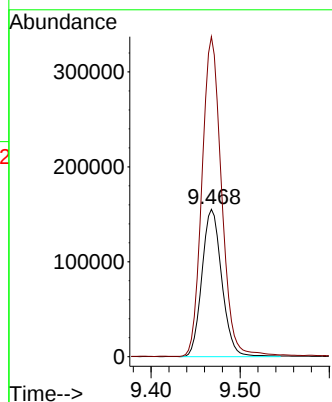
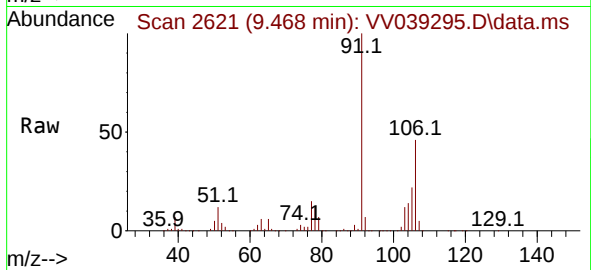




#69
o-Xylene
Concen: 20.810 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

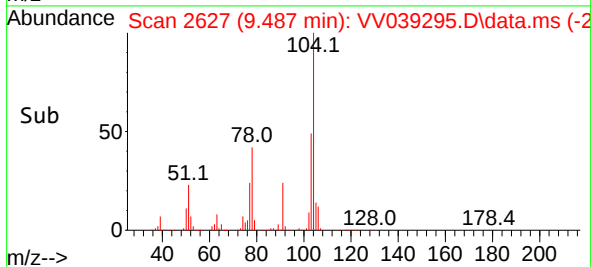
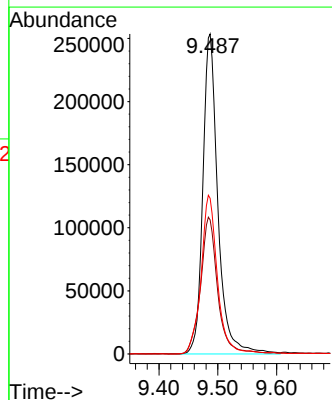
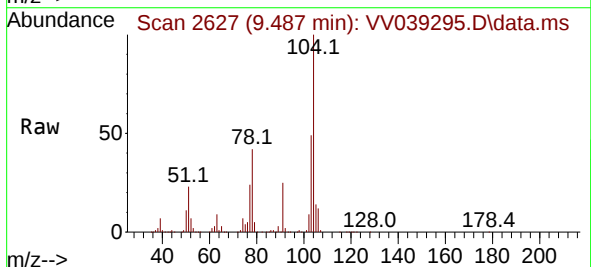
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

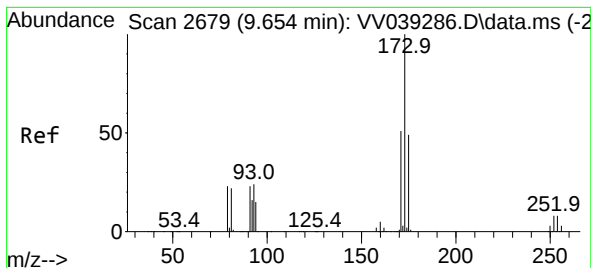
Tgt Ion:106 Resp: 240480
Ion Ratio Lower Upper
106 100
91 214.5 105.8 317.3



#70
Styrene
Concen: 21.955 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:104 Resp: 451430
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 53.2 42.9 64.3





#71

Bromoform

Concen: 21.171 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBSD01

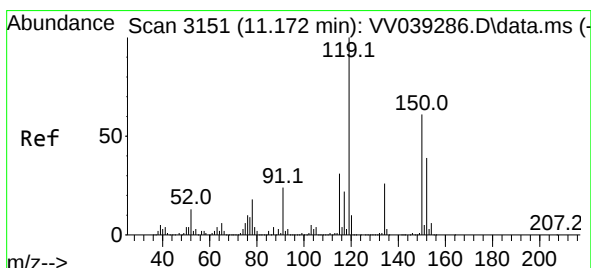
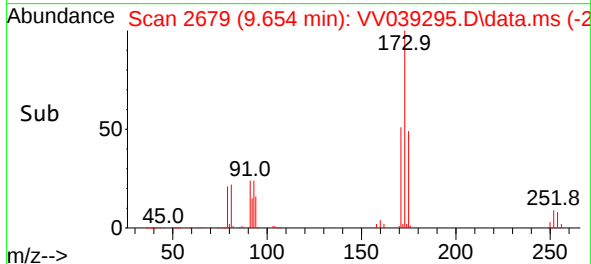
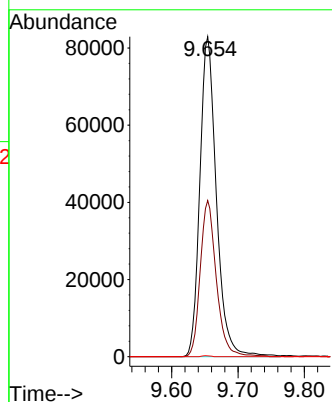
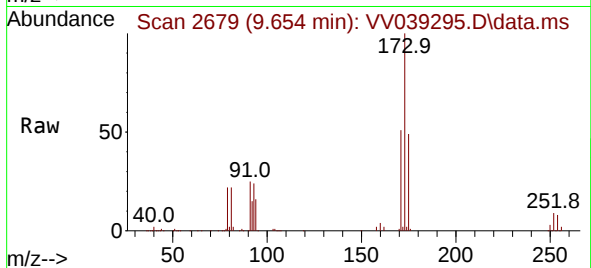
Tgt Ion:173 Resp: 143636

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.6

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

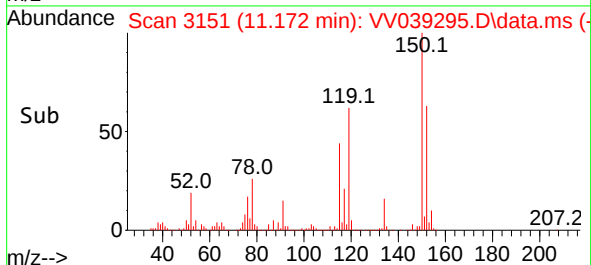
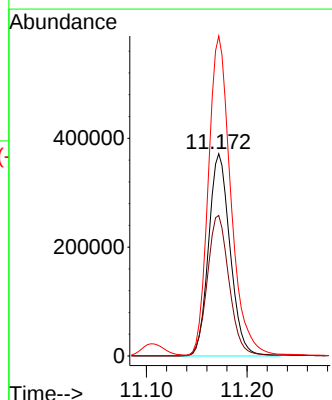
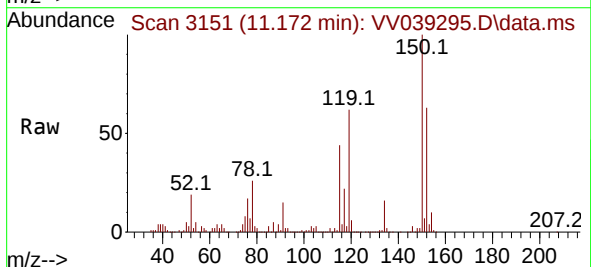
Tgt Ion:152 Resp: 551113

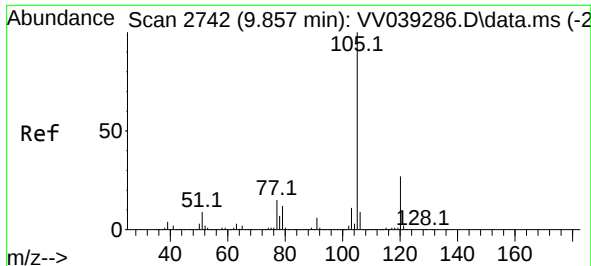
Ion Ratio Lower Upper

152 100

115 70.4 42.3 126.8

150 165.5 0.0 348.0

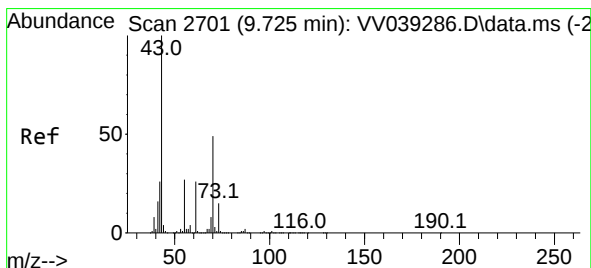
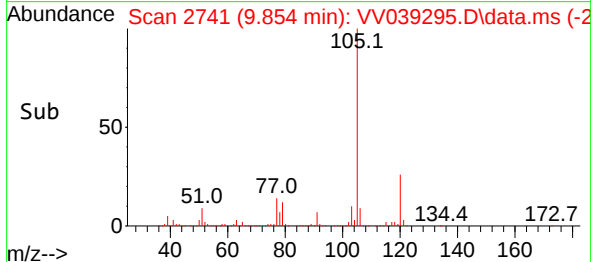
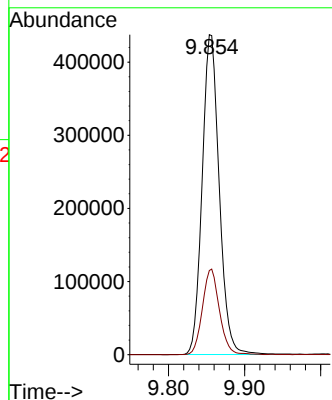
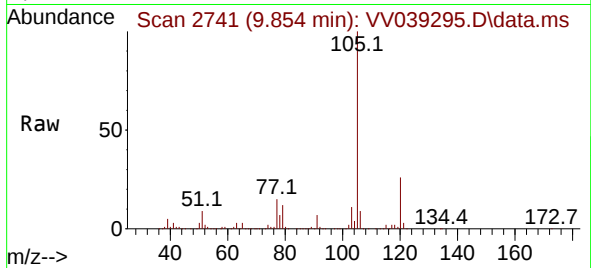




#73
Isopropylbenzene
Concen: 20.393 ug/l
RT: 9.854 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

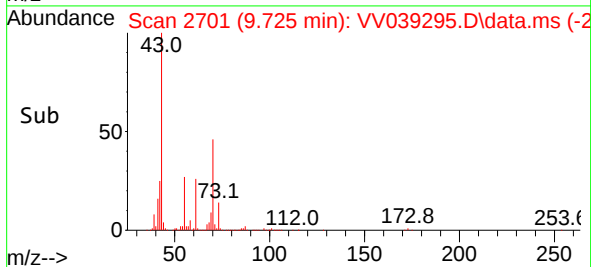
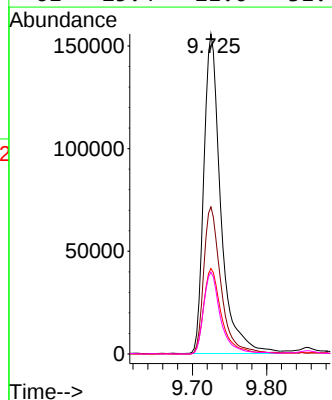
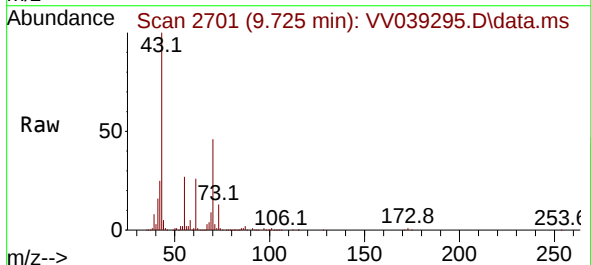
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

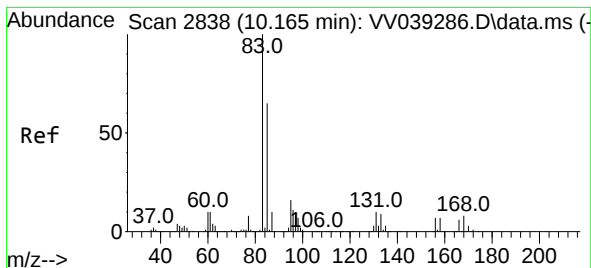
Tgt Ion:105 Resp: 682460
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 18.012 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 43 Resp: 248387
Ion Ratio Lower Upper
43 100
70 46.4 38.6 58.0
55 27.6 21.9 32.9
61 25.4 21.0 31.4

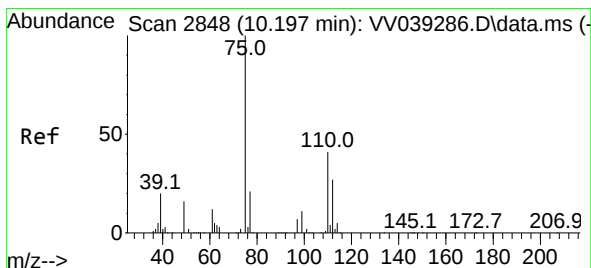
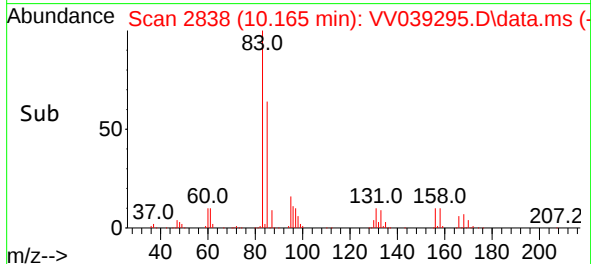
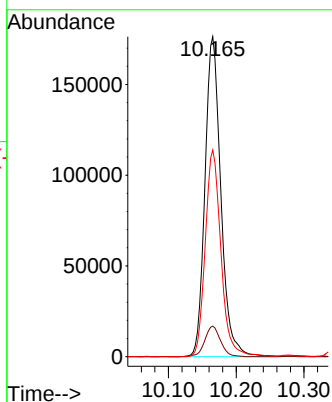
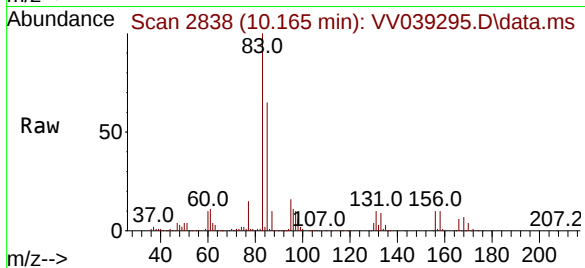




#75
1,1,2,2-Tetrachloroethane
Concen: 18.699 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

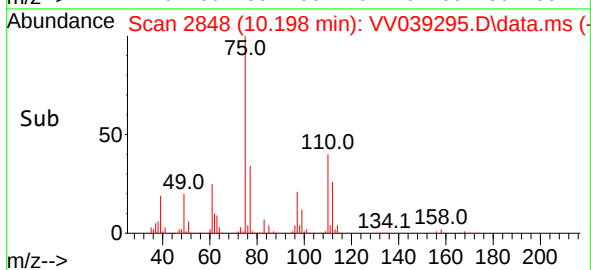
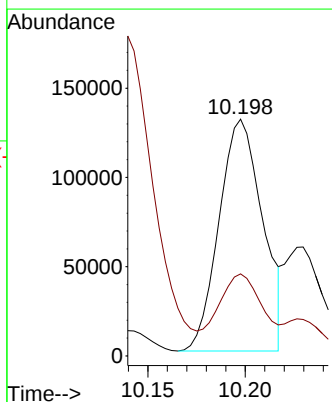
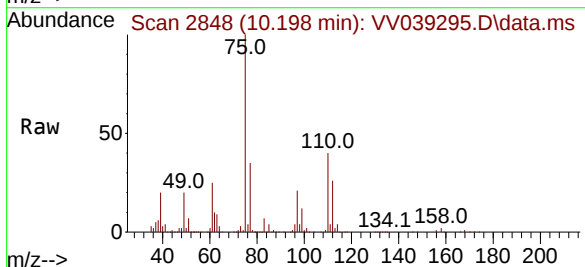
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

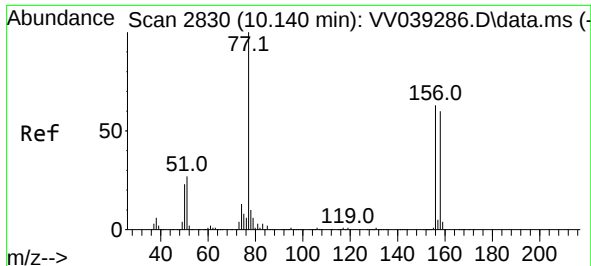
Tgt Ion: 83 Resp: 287375
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.9 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 18.408 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 75 Resp: 202480
Ion Ratio Lower Upper
75 100
77 21.7 12.2 36.4

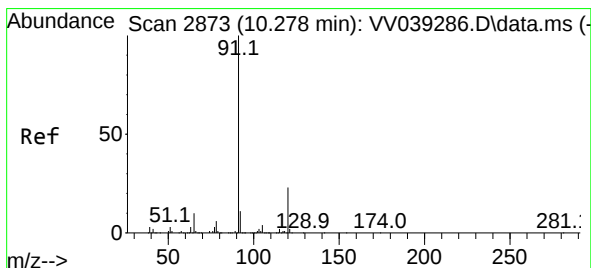
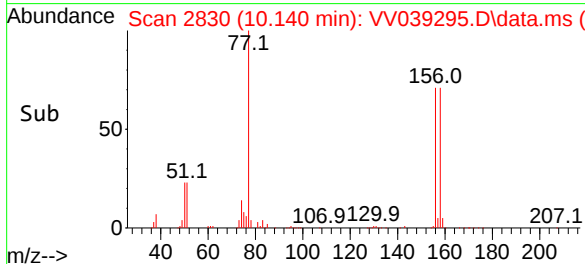
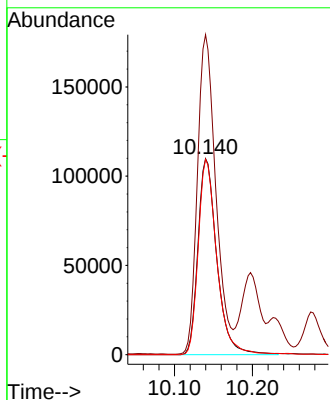
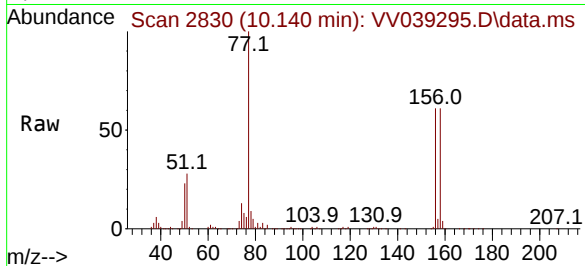




#77
Bromobenzene
Concen: 20.079 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

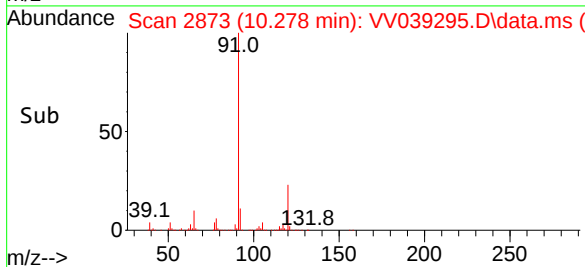
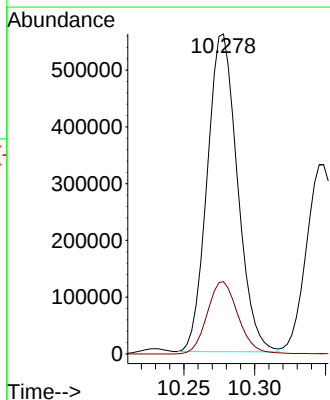
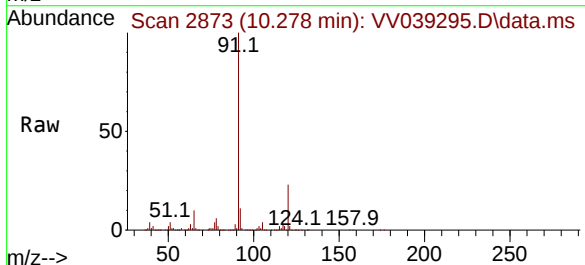
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

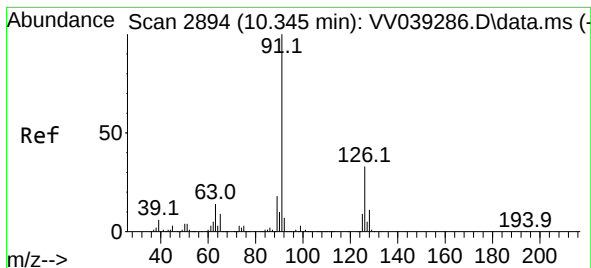
Tgt Ion:156 Resp: 184723
Ion Ratio Lower Upper
156 100
77 158.6 78.4 235.2
158 98.6 47.7 143.1



#78
n-propylbenzene
Concen: 20.516 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 91 Resp: 833111
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.913 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.003 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

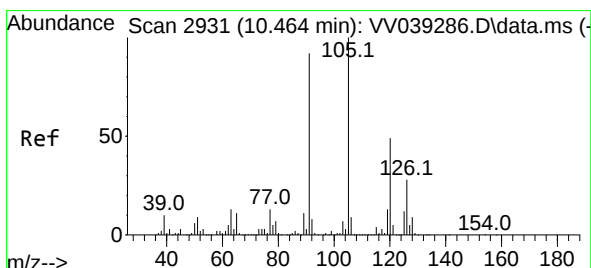
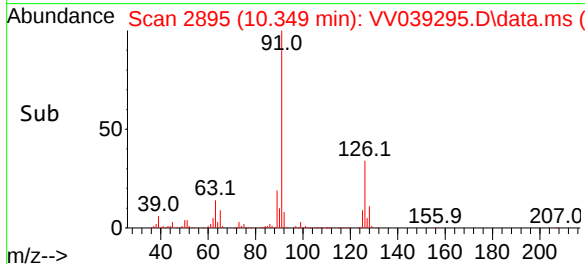
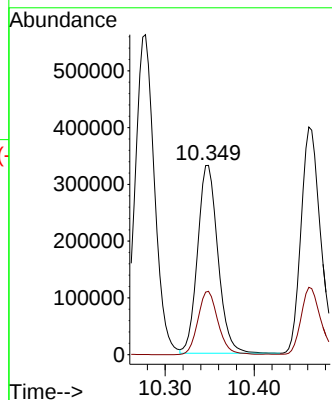
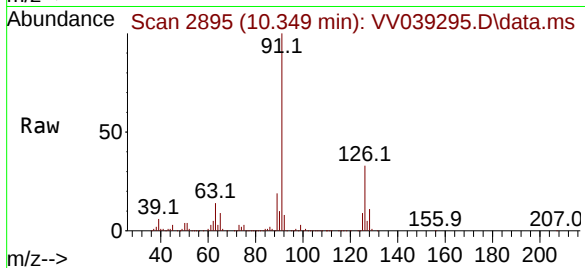
VV1021WBSD01

Tgt Ion: 91 Resp: 524305

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 21.285 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039295.D

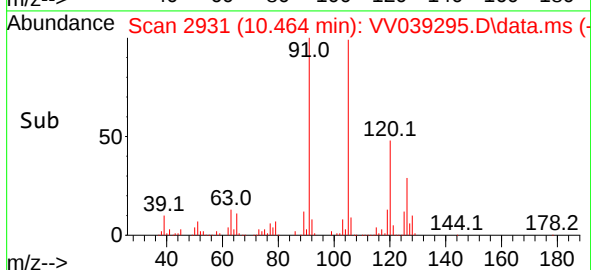
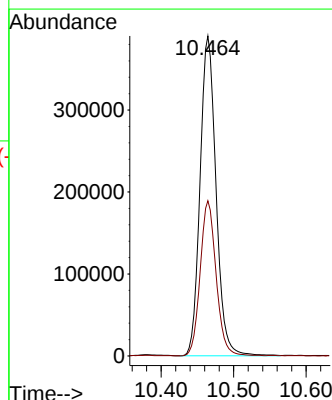
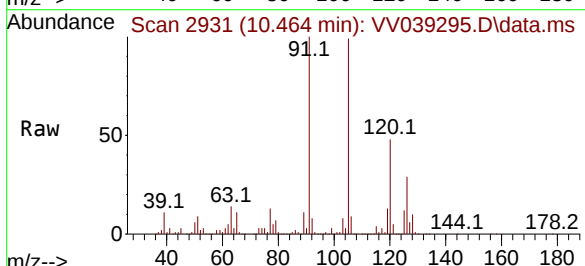
Acq: 21 Oct 2025 10:50

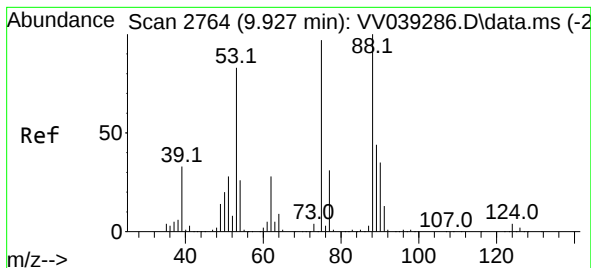
Tgt Ion:105 Resp: 597417

Ion Ratio Lower Upper

105 100

120 48.3 24.3 73.0

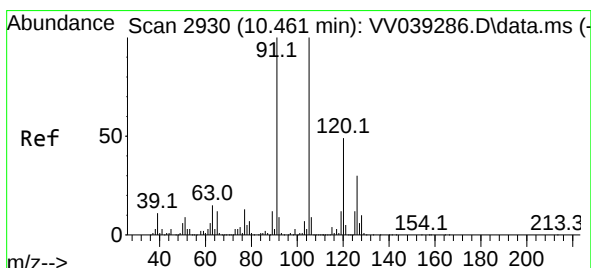
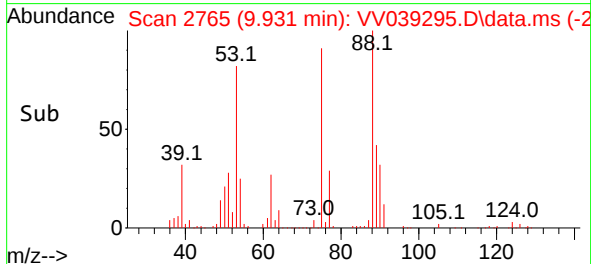
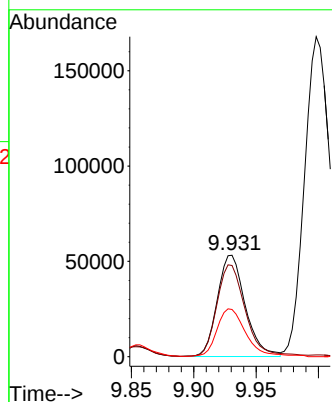
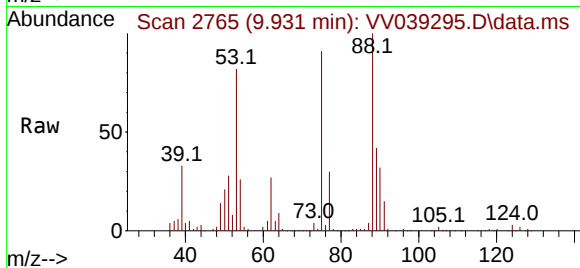




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.020 ug/l
 RT: 9.931 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

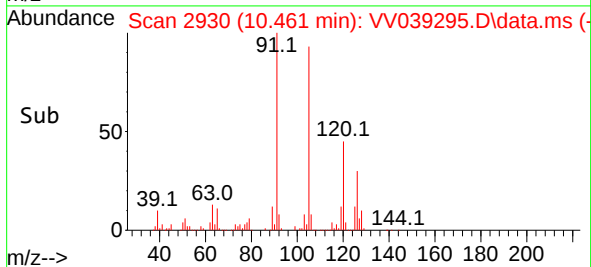
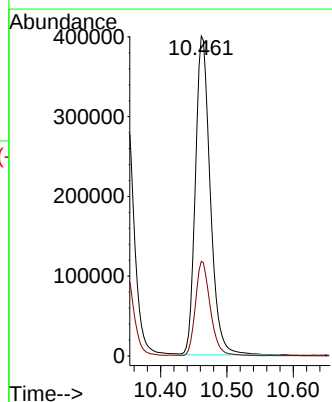
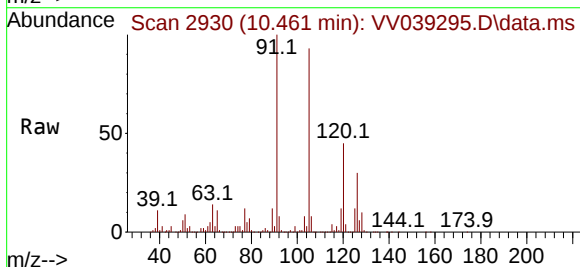
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBSD01

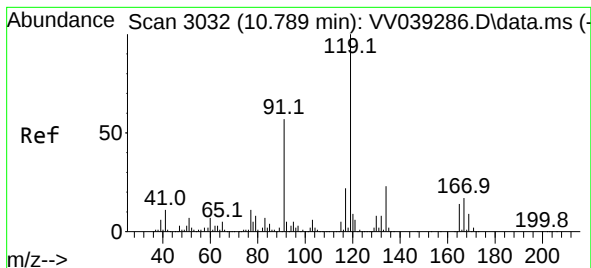
Tgt Ion: 75 Resp: 82841
 Ion Ratio Lower Upper
 75 100
 53 91.9 69.9 104.9
 89 49.3 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 21.603 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: VV039295.D
 Acq: 21 Oct 2025 10:50

Tgt Ion: 91 Resp: 622520
 Ion Ratio Lower Upper
 91 100
 126 29.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 19.769 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBSD01

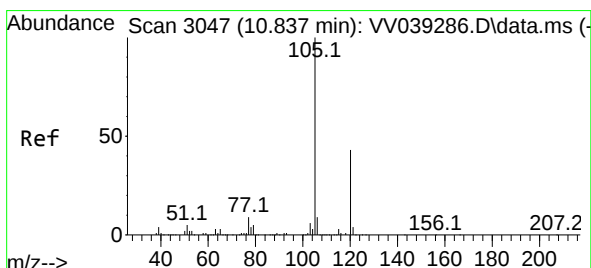
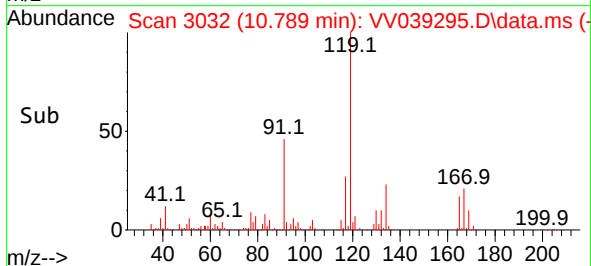
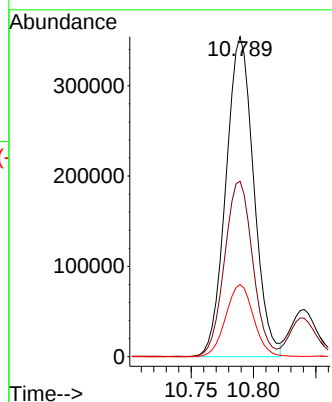
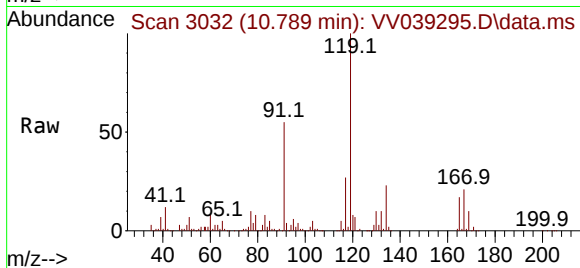
Tgt Ion:119 Resp: 550972

Ion Ratio Lower Upper

119 100

91 55.3 28.2 84.7

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.105 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039295.D

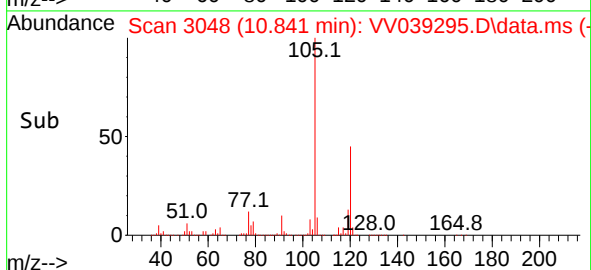
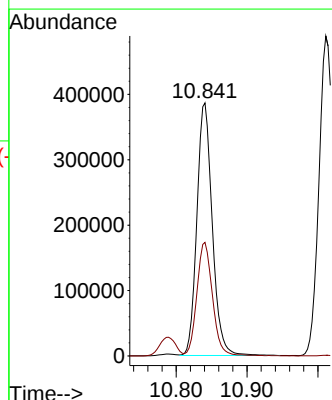
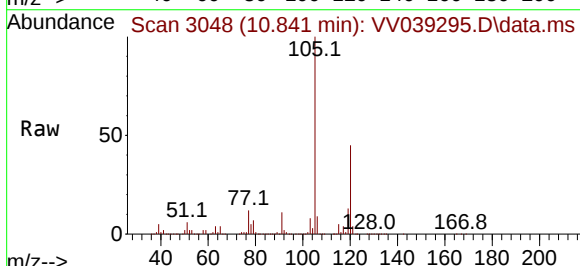
Acq: 21 Oct 2025 10:50

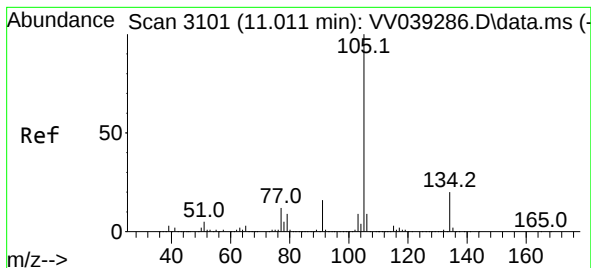
Tgt Ion:105 Resp: 583142

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.613 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

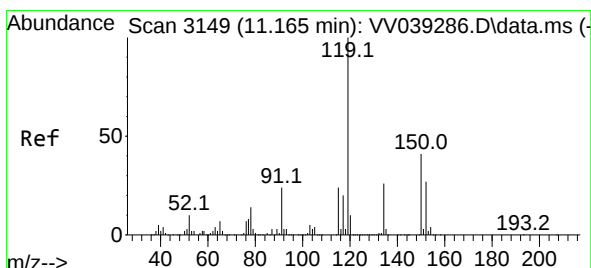
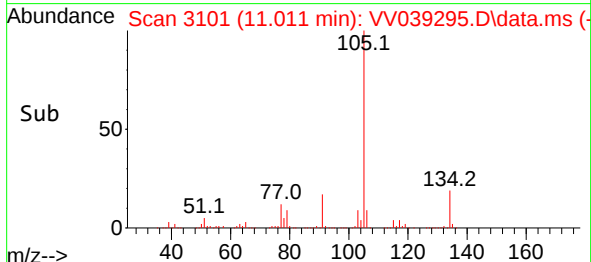
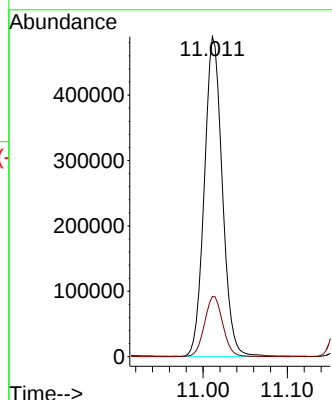
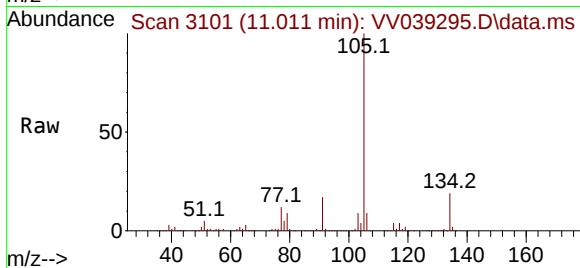
VV1021WBSD01

Tgt Ion:105 Resp: 726369

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.665 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

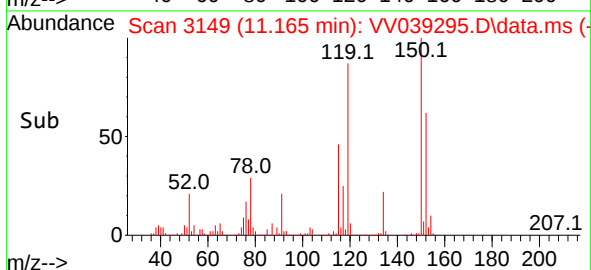
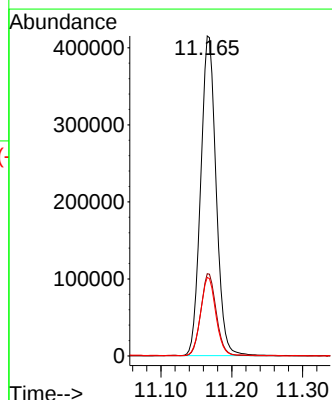
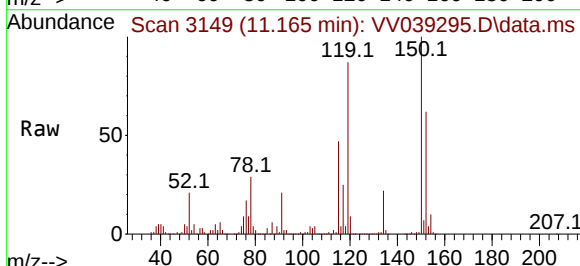
Tgt Ion:119 Resp: 626106

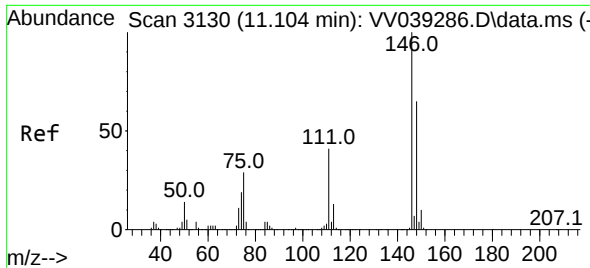
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 24.3 12.2 36.4

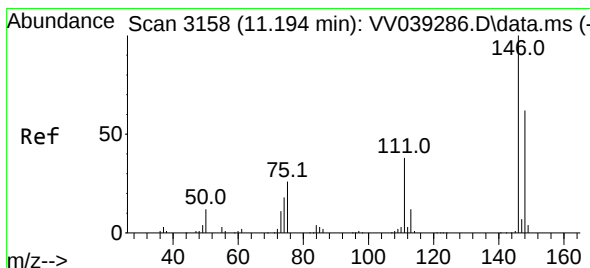
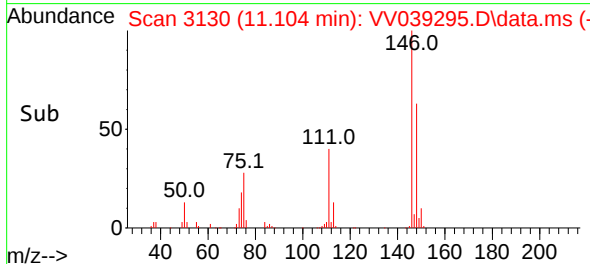
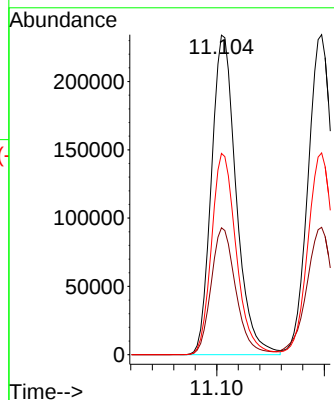
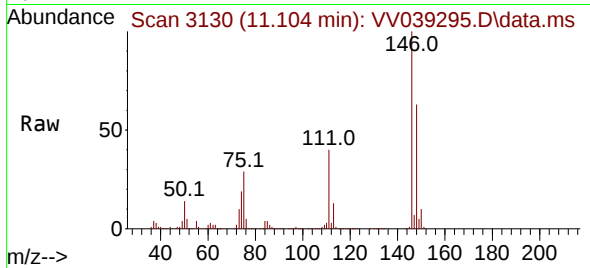




#87
1,3-Dichlorobenzene
Concen: 20.367 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

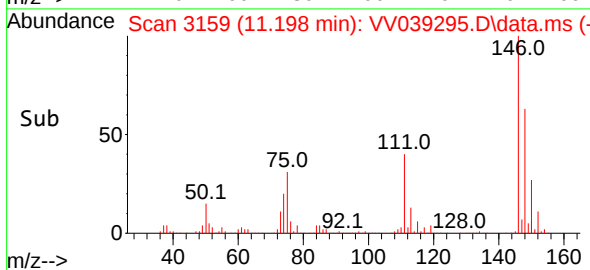
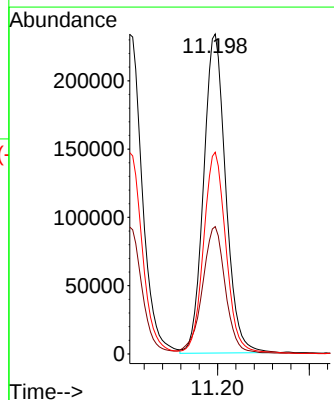
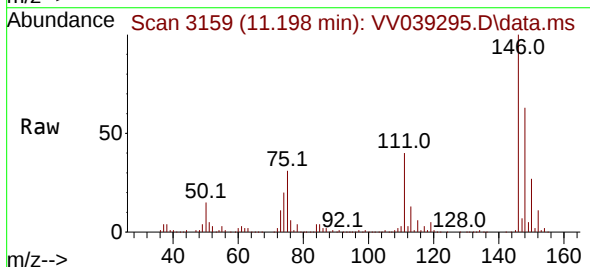
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

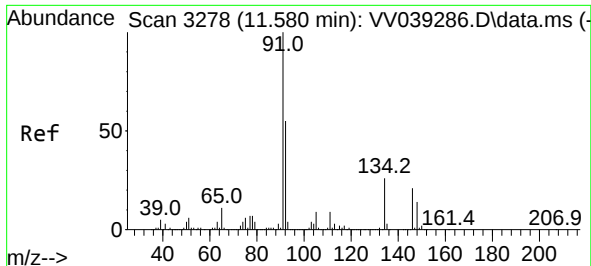
Tgt Ion:146 Resp: 373746
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 62.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.029 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:146 Resp: 390783
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 64.7 31.5 94.5

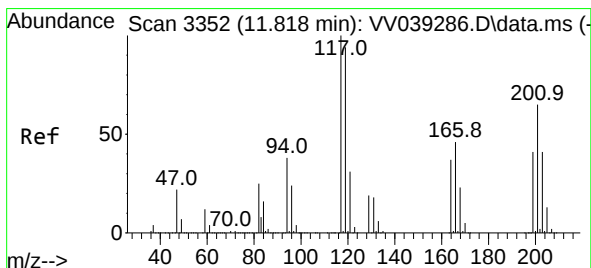
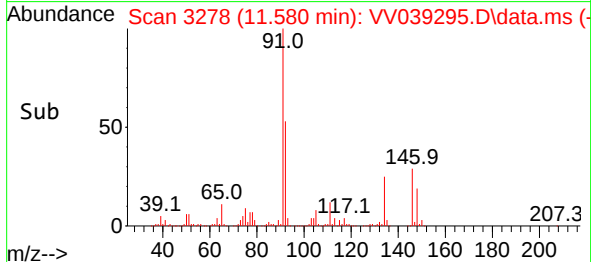
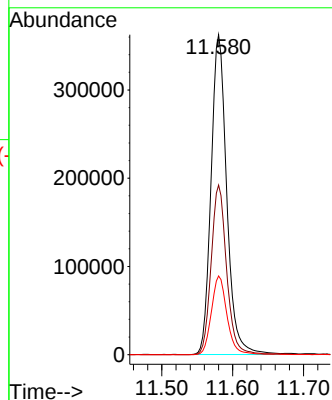
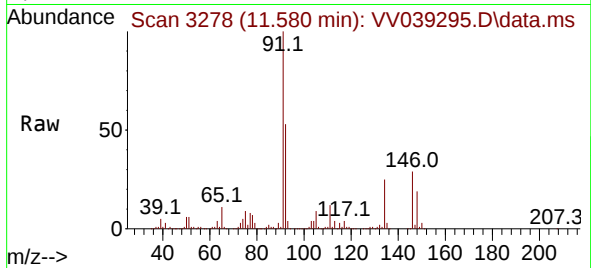




#89
n-Butylbenzene
Concen: 19.755 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

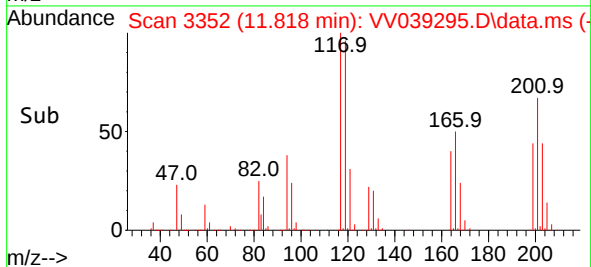
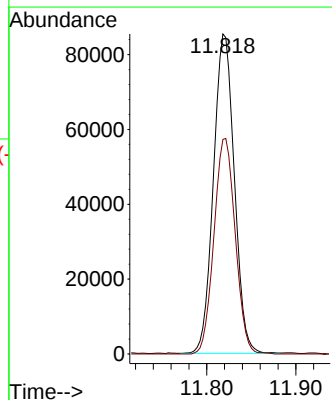
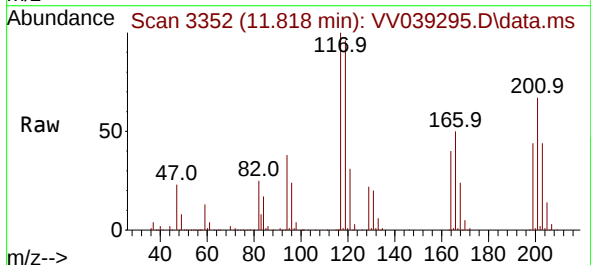
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

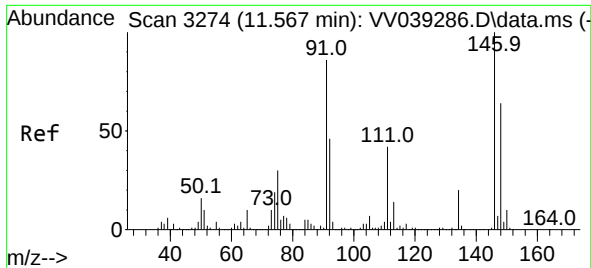
Tgt Ion: 91 Resp: 557387
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.6
134 24.4 12.6 37.8



#90
Hexachloroethane
Concen: 18.566 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 117 Resp: 139093
Ion Ratio Lower Upper
117 100
201 68.7 33.7 101.1

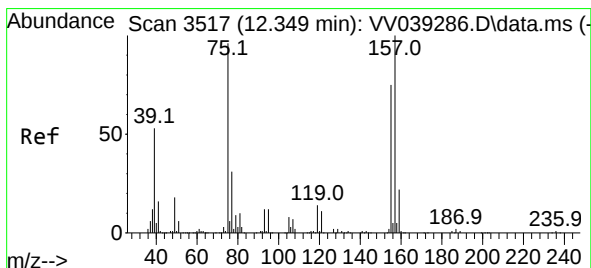
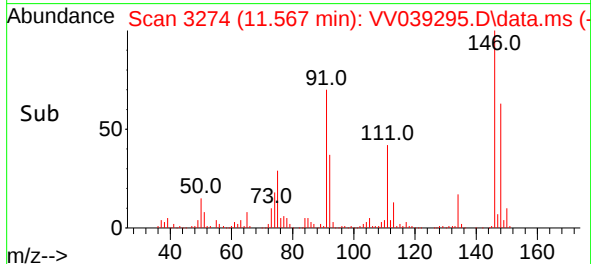
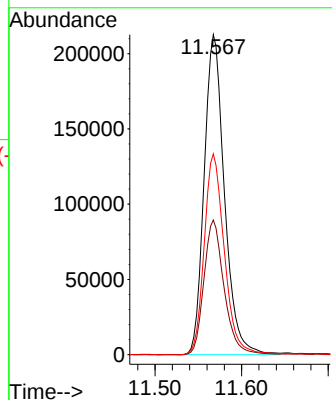
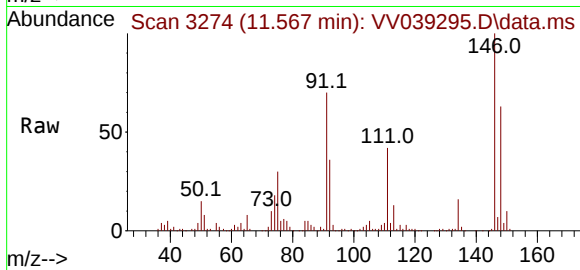




#91
1,2-Dichlorobenzene
Concen: 19.851 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

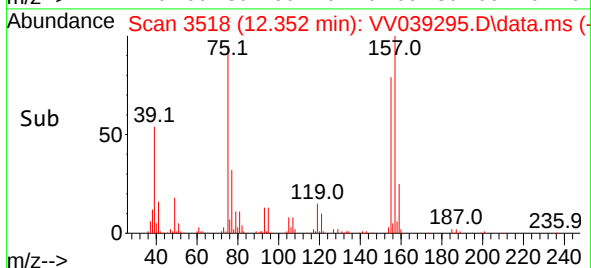
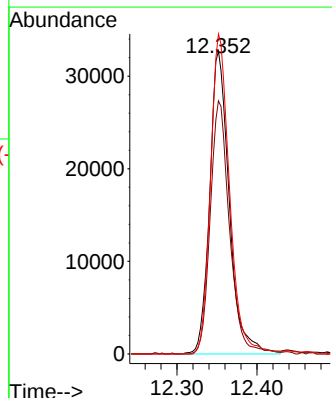
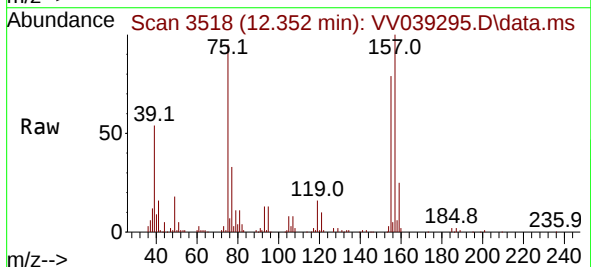
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

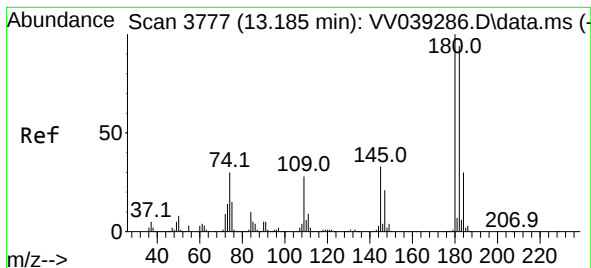
Tgt Ion:146 Resp: 346517
Ion Ratio Lower Upper
146 100
111 41.7 21.3 64.0
148 62.3 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.586 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion: 75 Resp: 55574
Ion Ratio Lower Upper
75 100
155 82.3 40.8 122.5
157 103.1 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 20.370 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBSD01

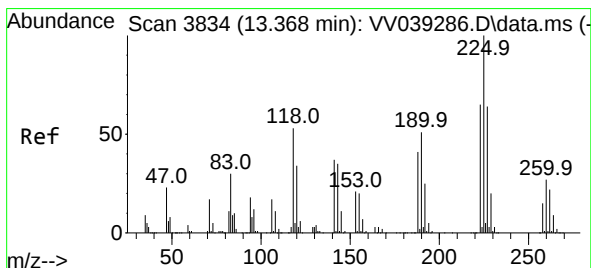
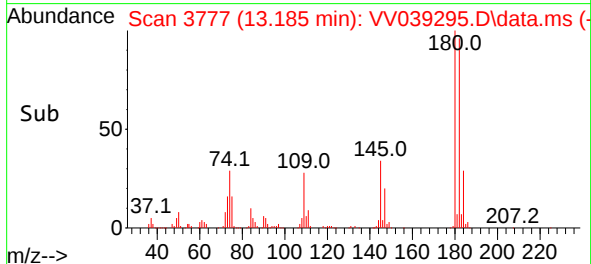
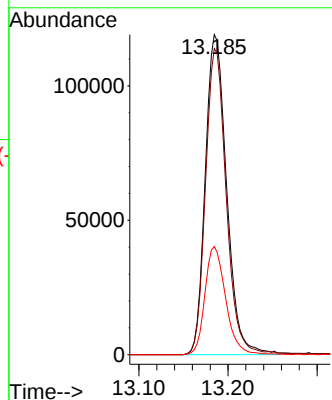
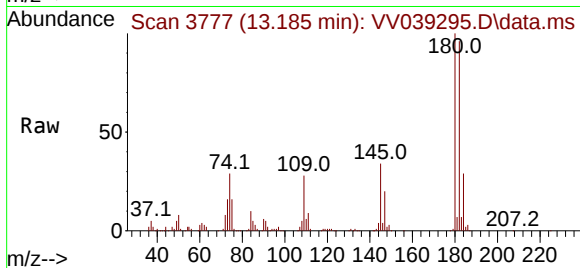
Tgt Ion:180 Resp: 198315

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 32.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 19.239 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039295.D

Acq: 21 Oct 2025 10:50

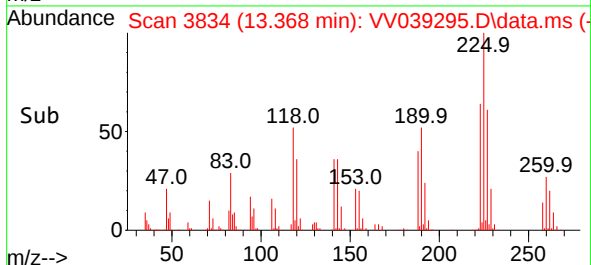
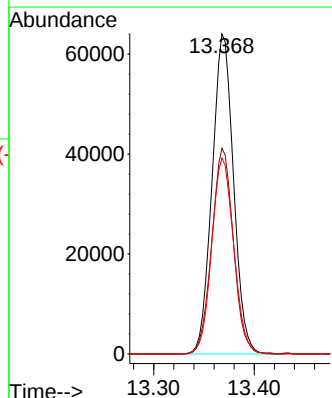
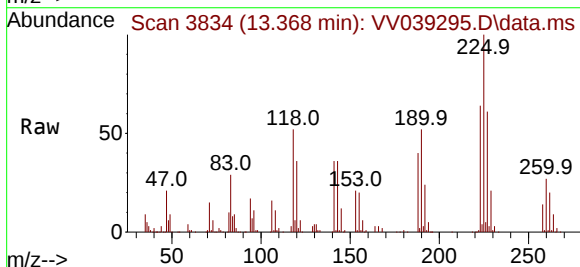
Tgt Ion:225 Resp: 94843

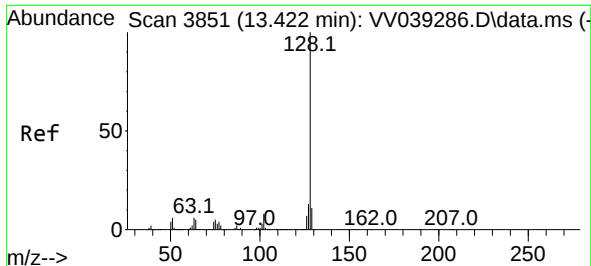
Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.8

227 62.8 31.7 95.1

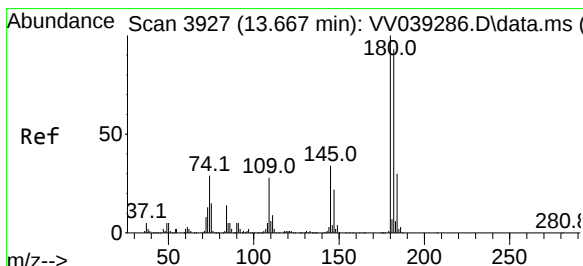
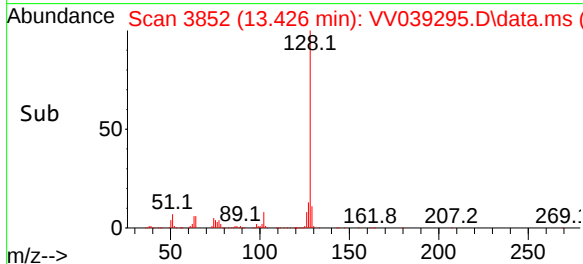
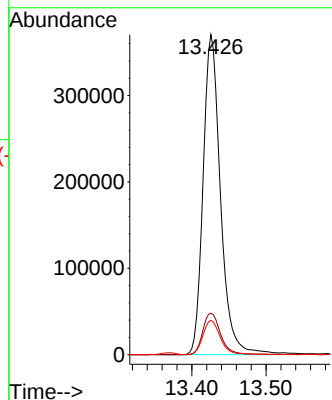
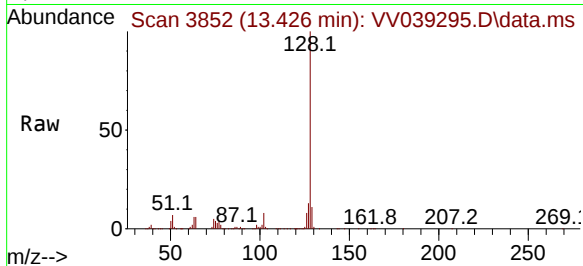




#95
Naphthalene
Concen: 18.916 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.003 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Instrument :
MSVOA_V
ClientSampleId :
VV1021WBSD01

Tgt Ion:128 Resp: 603359
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.220 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV039295.D
Acq: 21 Oct 2025 10:50

Tgt Ion:180 Resp: 204598
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.1
145 33.6 17.2 51.5

