

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038919.D
 Acq On : 18 Jul 2025 14:09
 Operator : SY/MD
 Sample : VV0718WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBSD01

Quant Time: Jul 19 00:42:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	556223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	927852	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	864724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	470411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	340592	50.116	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.240%	
35) Dibromofluoromethane	4.497	113	318296	50.315	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.620%	
50) Toluene-d8	7.236	98	872788	45.643	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 91.280%	
62) 4-Bromofluorobenzene	10.001	95	415060	53.883	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 107.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	98612	20.177	ug/l	99
3) Chloromethane	1.230	50	98445	18.653	ug/l	99
4) Vinyl Chloride	1.294	62	113575	18.802	ug/l	98
5) Bromomethane	1.494	94	88479	21.729	ug/l	94
6) Chloroethane	1.558	64	77666	19.237	ug/l	100
7) Trichlorofluoromethane	1.725	101	196777	18.412	ug/l	98
8) Diethyl Ether	1.918	74	75032	19.522	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	116669	18.256	ug/l	96
10) Methyl Iodide	2.195	142	132963	18.123	ug/l	100
11) Tert butyl alcohol	2.567	59	149287	95.413	ug/l	100
12) 1,1-Dichloroethene	2.082	96	105304	18.084	ug/l	96
13) Acrolein	2.011	56	18408	81.355	ug/l	96
14) Allyl chloride	2.359	41	179201	19.317	ug/l	97
15) Acrylonitrile	2.674	53	382436	95.516	ug/l	100
16) Acetone	2.117	43	309638	105.290	ug/l	99
17) Carbon Disulfide	2.252	76	226861	23.117	ug/l	98
18) Methyl Acetate	2.378	43	226915	22.806	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	410857	18.819	ug/l	98
20) Methylene Chloride	2.455	84	135047	18.101	ug/l	97
21) trans-1,2-Dichloroethene	2.699	96	113532	18.325	ug/l	94
22) Diisopropyl ether	3.214	45	386705	20.862	ug/l	93
23) Vinyl Acetate	3.188	43	1499928	103.199	ug/l	98
24) 1,1-Dichloroethane	3.117	63	225669	18.590	ug/l	99
25) 2-Butanone	3.866	43	445245	105.631	ug/l	97
26) 2,2-Dichloropropane	3.809	77	190885	17.960	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	138361	19.448	ug/l	99
28) Bromochloromethane	4.146	49	99606	21.198	ug/l	96
29) Tetrahydrofuran	4.236	42	293916	105.798	ug/l	96
30) Chloroform	4.278	83	241855	18.071	ug/l	97
31) Cyclohexane	4.583	56	168695	21.172	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	210206	18.001	ug/l	99
36) 1,1-Dichloropropene	4.744	75	140243	19.290	ug/l	98
37) Ethyl Acetate	3.979	43	172145	20.110	ug/l	98
38) Carbon Tetrachloride	4.735	117	168532	17.451	ug/l	97
39) Methylcyclohexane	6.046	83	168754	19.672	ug/l	99
40) Benzene	5.008	78	475027	19.274	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	72014	18.331	ug/l	94
42) 1,2-Dichloroethane	5.040	62	172287	18.339	ug/l	99
43) Isopropyl Acetate	5.194	43	261684	19.330	ug/l	99
44) Trichloroethene	5.831	130	117429	18.234	ug/l	91
45) 1,2-Dichloropropane	6.091	63	121804	18.709	ug/l	99
46) Dibromomethane	6.227	93	92392	18.342	ug/l	100
47) Bromodichloromethane	6.426	83	192679	18.023	ug/l	99
48) Methyl methacrylate	6.300	41	114426	19.476	ug/l	98
49) 1,4-Dioxane	6.291	88	47585	375.908	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	933255	101.241	ug/l	97
52) Toluene	7.310	92	305636	19.685	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	188088	19.444	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	198870	19.018	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	131437	17.711	ug/l	98
56) Ethyl methacrylate	7.718	69	178587	20.251	ug/l	99
57) 1,3-Dichloropropane	7.934	76	213707	19.205	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.812	63	521259	86.634	ug/l	98
59) 2-Hexanone	8.066	43	669608	97.581	ug/l	100
60) Dibromochloromethane	8.169	129	152446	17.444	ug/l	99
61) 1,2-Dibromoethane	8.275	107	139967	18.721	ug/l	94
64) Tetrachloroethene	7.898	164	106265	18.738	ug/l	99
65) Chlorobenzene	8.805	112	351407	18.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	127024	16.858	ug/l	99
67) Ethyl Benzene	8.937	91	560549	19.980	ug/l	98
68) m/p-Xylenes	9.062	106	450818	41.272	ug/l	100
69) o-Xylene	9.468	106	202897	19.680	ug/l	100
70) Styrene	9.487	104	368994	20.250	ug/l	99
71) Bromoform	9.654	173	107005	17.471	ug/l #	97
73) Isopropylbenzene	9.857	105	575932	20.490	ug/l	99
74) N-amyl acetate	9.725	43	216692	21.046	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	218780	18.583	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	159146	18.196	ug/l	76
77) Bromobenzene	10.143	156	143818	19.506	ug/l	98
78) n-propylbenzene	10.278	91	688376	20.955	ug/l	99
79) 2-Chlorotoluene	10.349	91	424652	20.326	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	502741	21.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	69006	19.254	ug/l	95
82) 4-Chlorotoluene	10.464	91	490240	20.992	ug/l	98
83) tert-Butylbenzene	10.789	119	478549	19.256	ug/l	100
84) 1,2,4-Trimethylbenzene	10.840	105	491740	21.084	ug/l	100
85) sec-Butylbenzene	11.014	105	636582	20.070	ug/l	100
86) p-Isopropyltoluene	11.168	119	538565	19.999	ug/l	100
87) 1,3-Dichlorobenzene	11.107	146	289261	19.220	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	296054	18.084	ug/l	98
89) n-Butylbenzene	11.580	91	496411	20.193	ug/l	99
90) Hexachloroethane	11.821	117	107949	16.854	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	273840	18.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	45676	17.160	ug/l	95
93) 1,2,4-Trichlorobenzene	13.184	180	166079	19.258	ug/l	98
94) Hexachlorobutadiene	13.371	225	77008	17.340	ug/l	99
95) Naphthalene	13.426	128	562496	19.852	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	176165	19.708	ug/l	99

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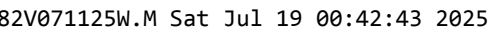
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

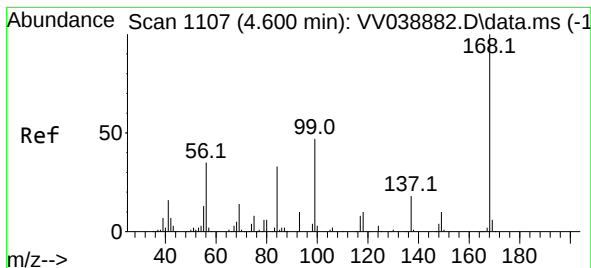
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 09:44:44 2025
Response via : Initial Calibration

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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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.004 min

Lab File: VV038919.D

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Instrument :

MSVOA_V

ClientSampleId :

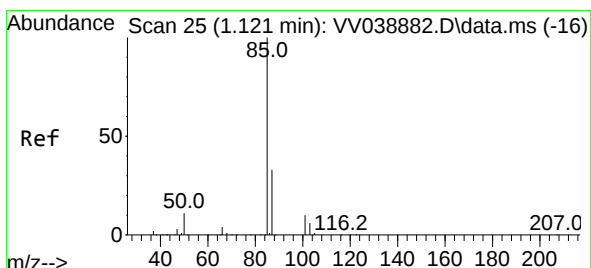
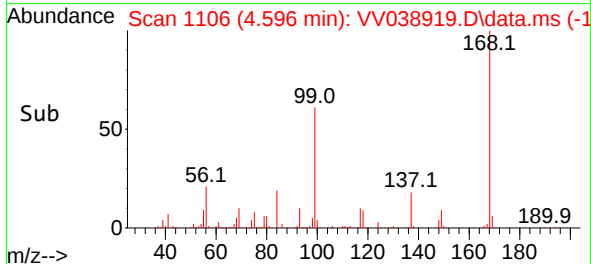
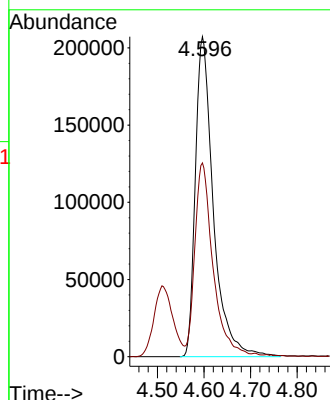
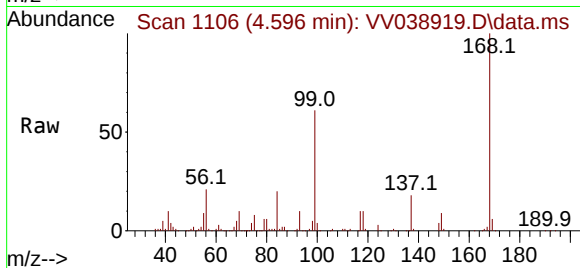
VV0718WBSD01

Tgt Ion:168 Resp: 556223

Ion Ratio Lower Upper

168 100

99 60.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 20.177 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038919.D

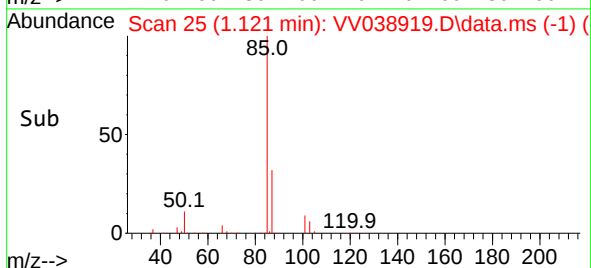
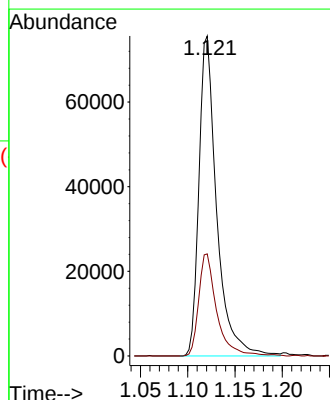
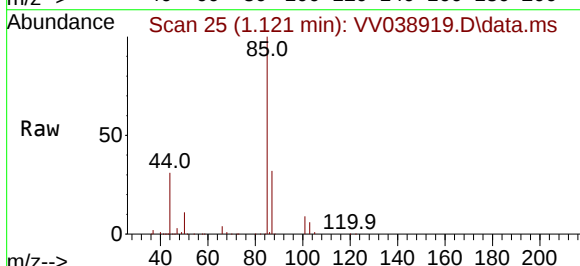
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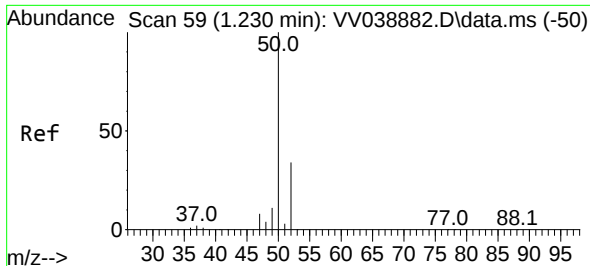
Tgt Ion: 85 Resp: 98612

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8

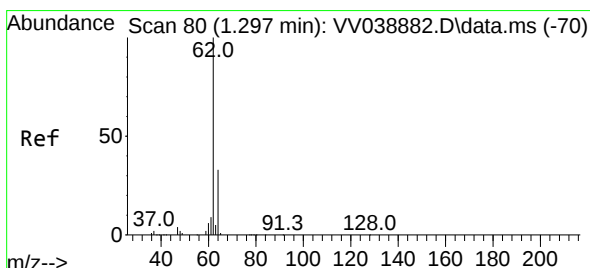
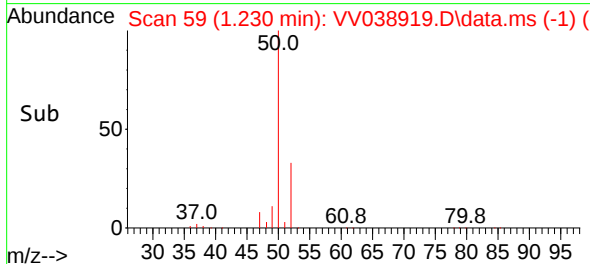
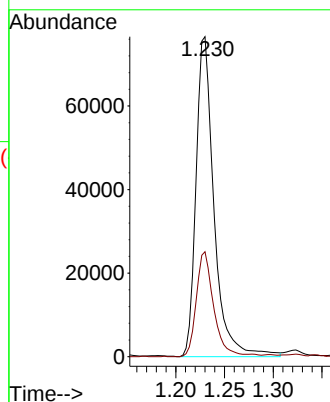
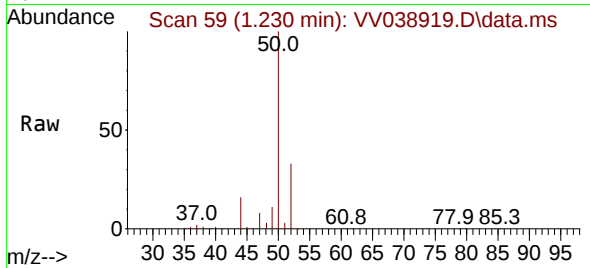




#3
Chloromethane
Concen: 18.653 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

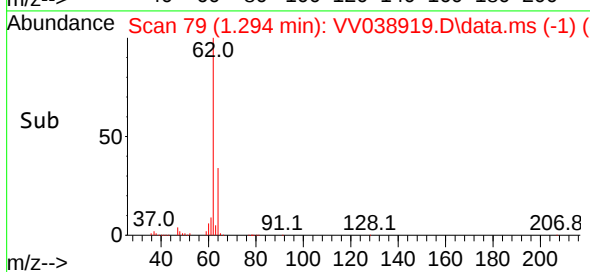
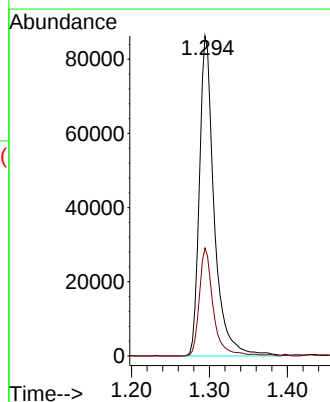
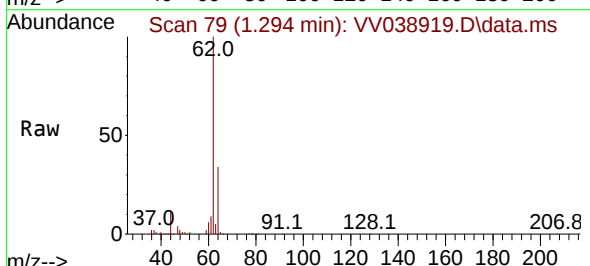
Instrument :
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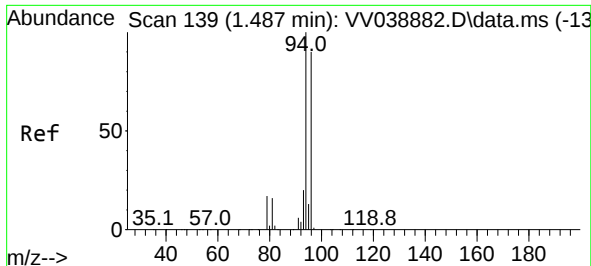
Tgt Ion: 50 Resp: 98445
Ion Ratio Lower Upper
50 100
52 32.8 26.9 40.3



#4
Vinyl Chloride
Concen: 18.802 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 62 Resp: 113575
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.2

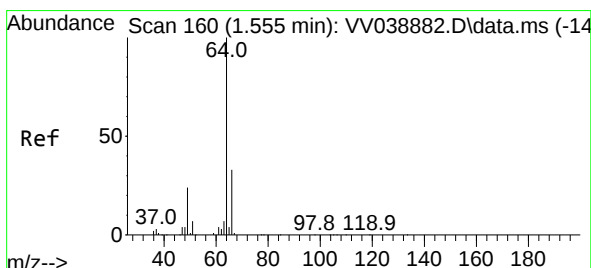
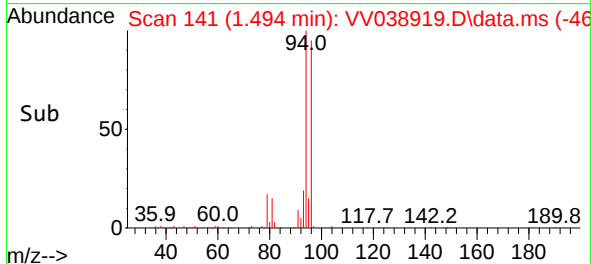
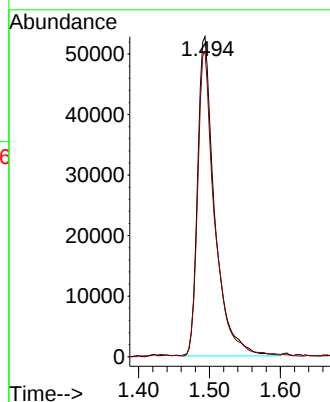
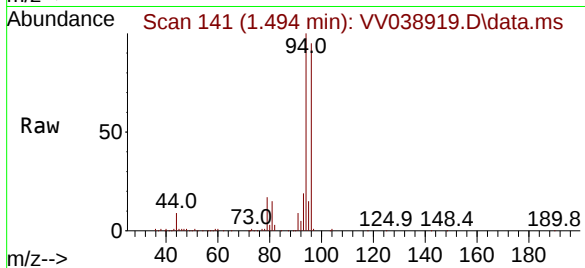




#5
Bromomethane
Concen: 21.729 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

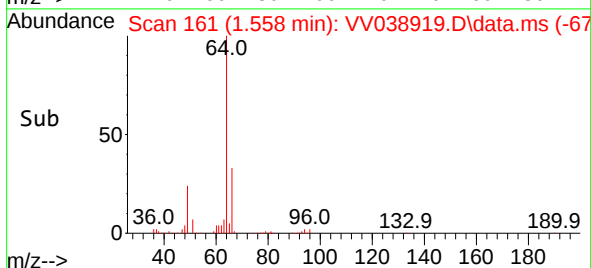
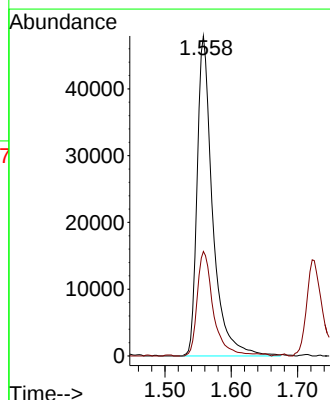
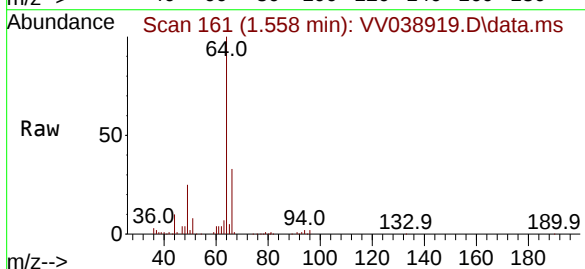
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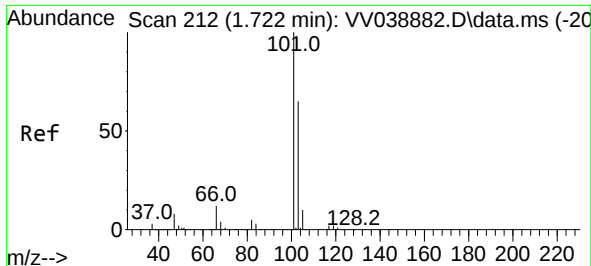
Tgt Ion: 94 Resp: 88479
Ion Ratio Lower Upper
94 100
96 95.3 71.9 107.9



#6
Chloroethane
Concen: 19.237 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 64 Resp: 77666
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2

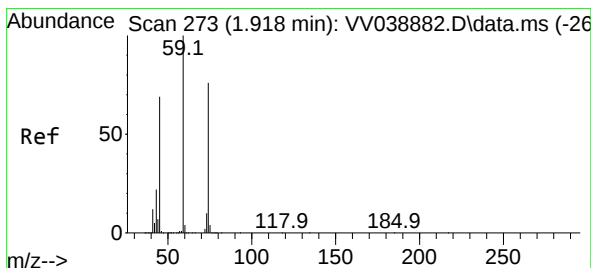
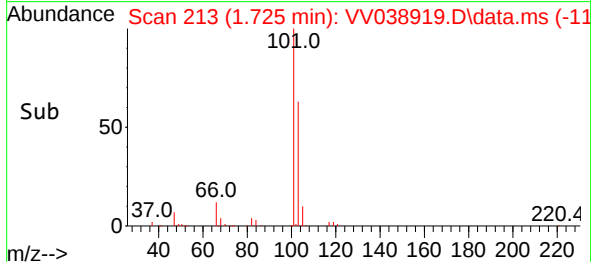
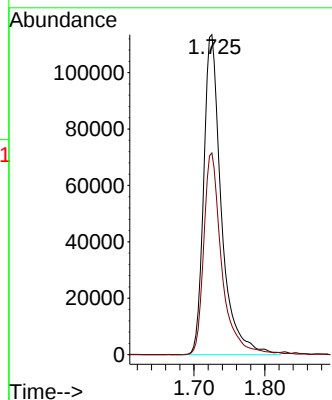
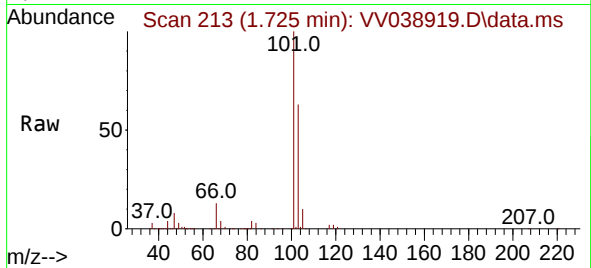




#7
 Trichlorofluoromethane
 Concen: 18.412 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038919.D
 Acq: 18 Jul 2025 14:09

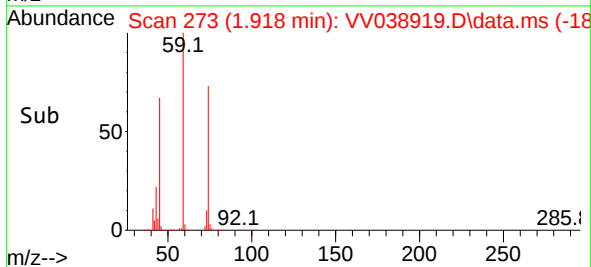
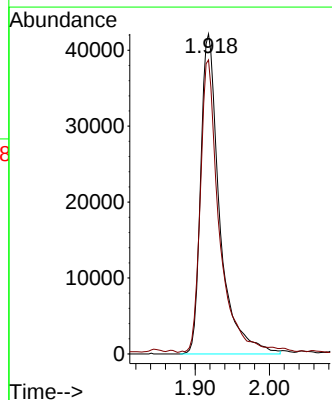
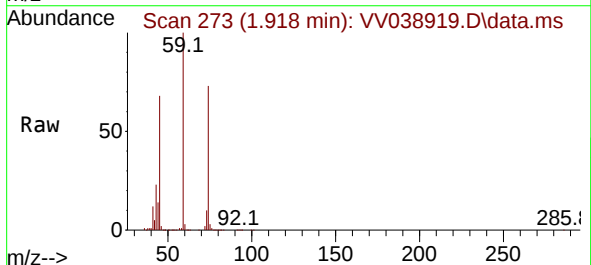
Instrument :
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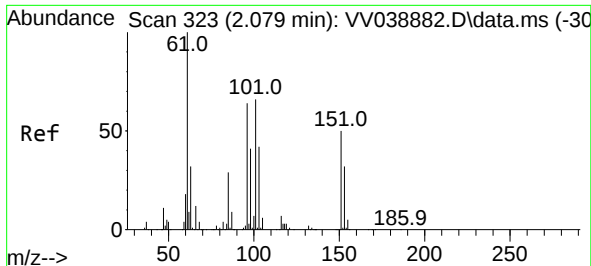
Tgt Ion:101 Resp: 196777
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.6



#8
 Diethyl Ether
 Concen: 19.522 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV038919.D
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Tgt Ion: 74 Resp: 75032
 Ion Ratio Lower Upper
 74 100
 45 90.6 45.5 136.5

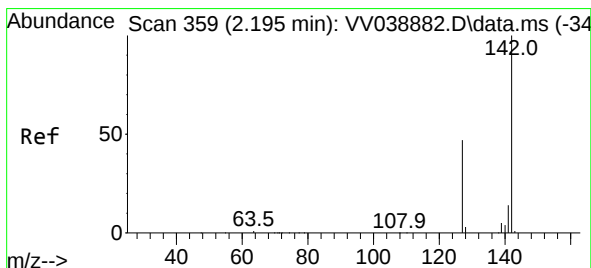
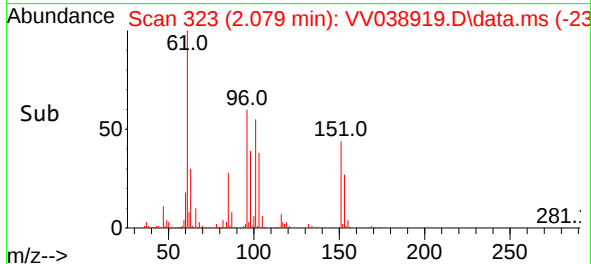
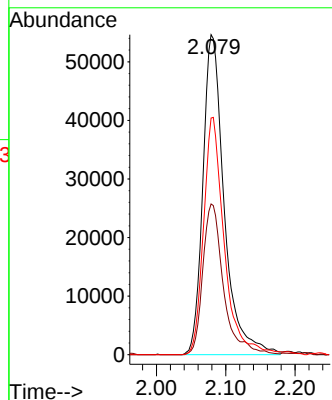
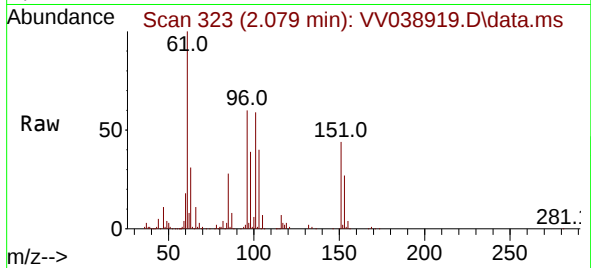




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.256 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

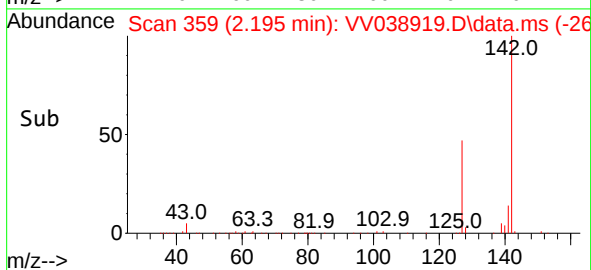
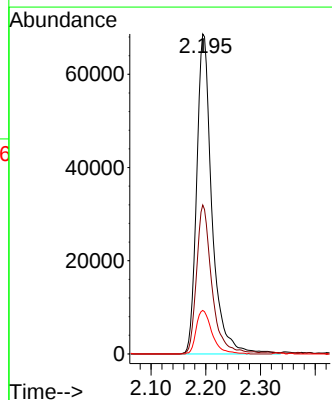
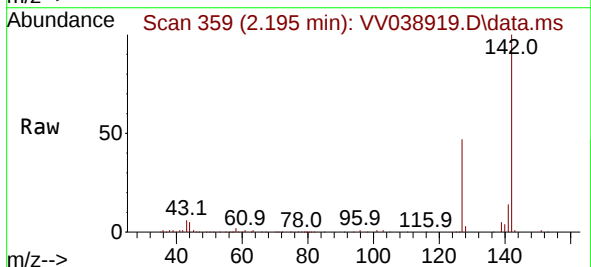
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

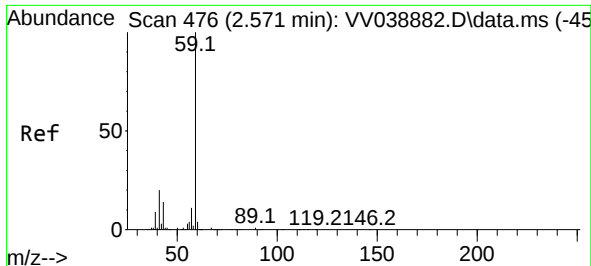
Tgt Ion:101 Resp: 116669
Ion Ratio Lower Upper
101 100
85 45.9 35.0 52.6
151 71.9 60.1 90.1



#10
Methyl Iodide
Concen: 18.123 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion:142 Resp: 132963
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.2 11.2 16.8

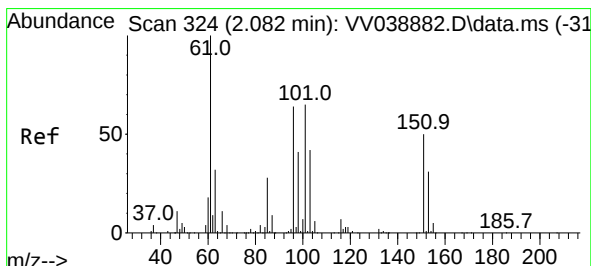
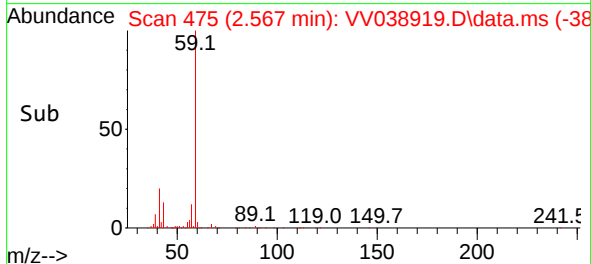
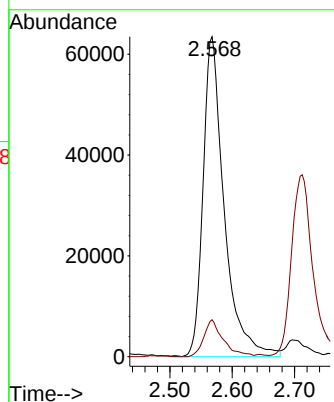
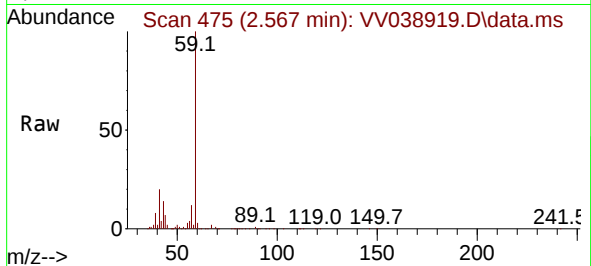




#11
Tert butyl alcohol
Concen: 95.413 ug/l
RT: 2.567 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

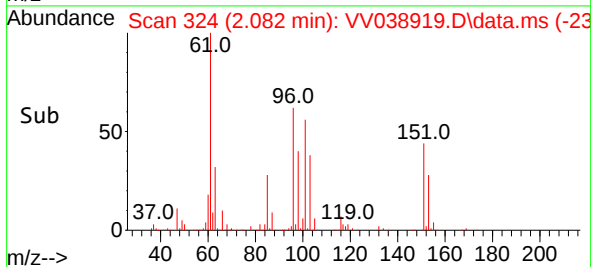
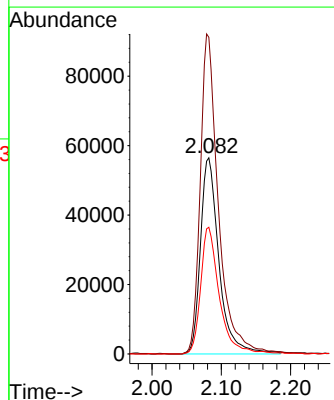
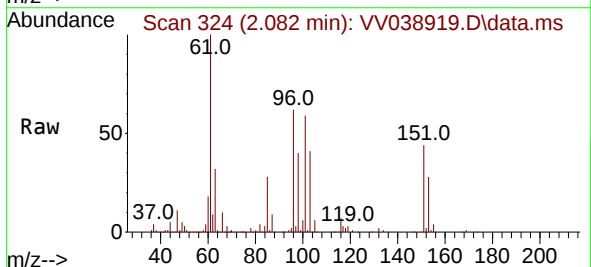
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

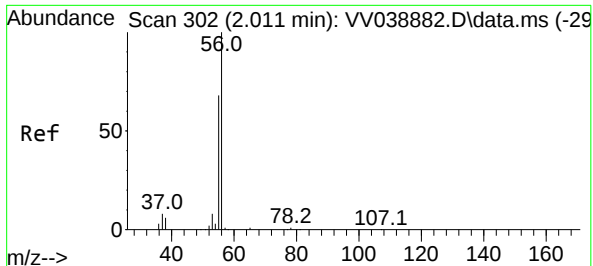
Tgt Ion: 59 Resp: 149287
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.084 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 96 Resp: 105304
Ion Ratio Lower Upper
96 100
61 161.4 124.1 186.1
98 64.6 50.6 75.8

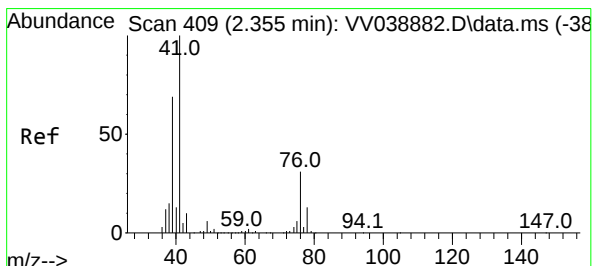
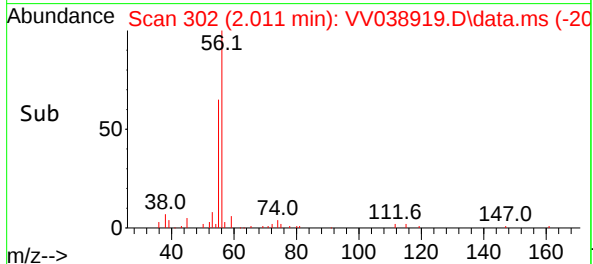
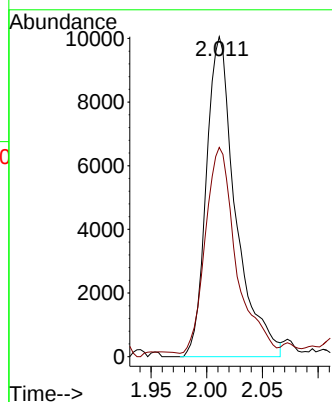
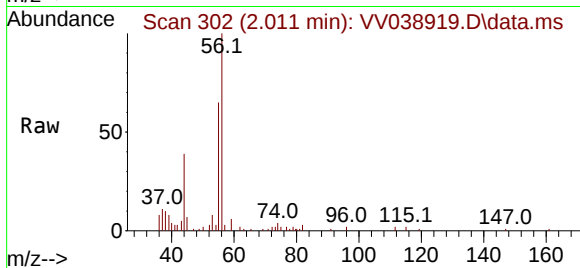




#13
Acrolein
Concen: 81.355 ug/l
RT: 2.011 min Scan# 30
Delta R.T. 0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

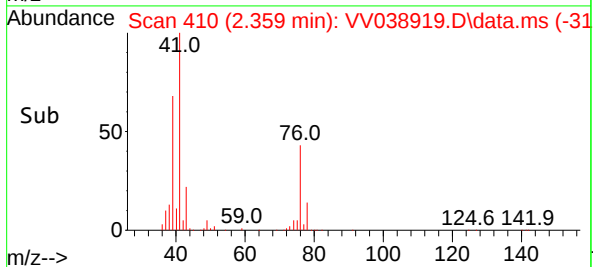
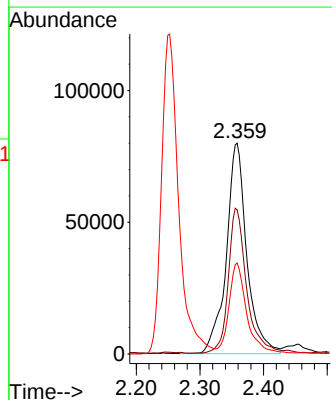
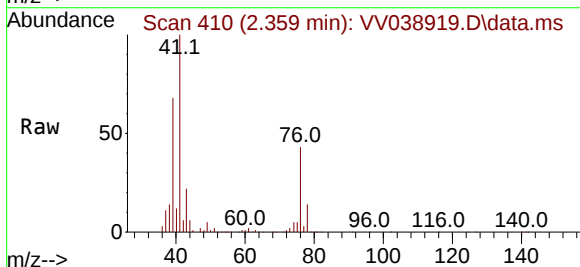
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

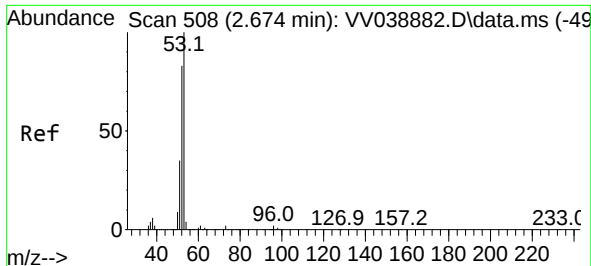
Tgt Ion: 56 Resp: 18408
Ion Ratio Lower Upper
56 100
55 67.5 56.7 85.1



#14
Allyl chloride
Concen: 19.317 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 41 Resp: 179201
Ion Ratio Lower Upper
41 100
39 61.1 50.6 76.0
76 36.5 30.4 45.6

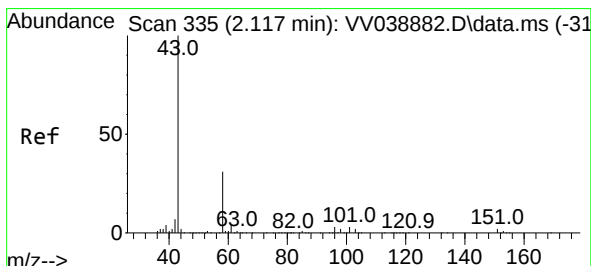
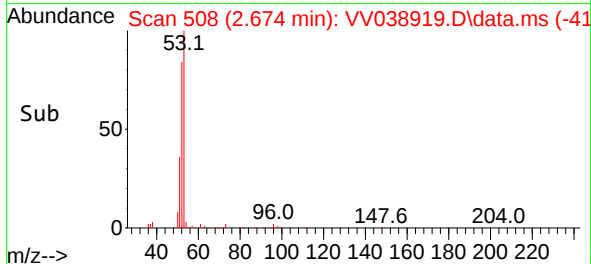
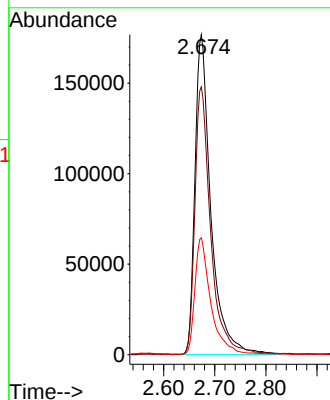
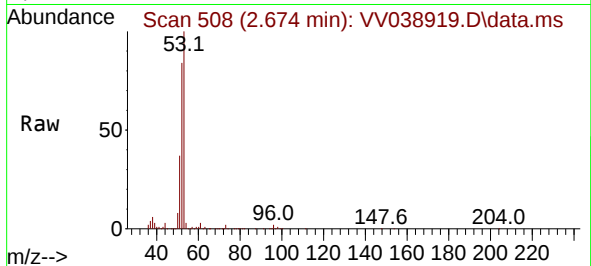




#15
Acrylonitrile
Concen: 95.516 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

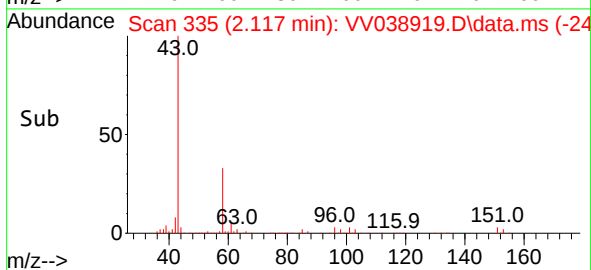
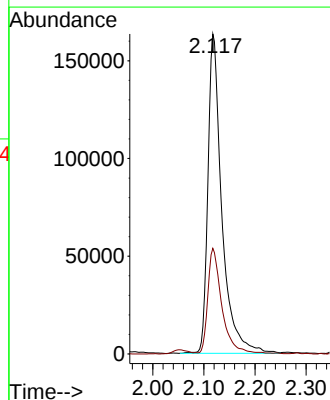
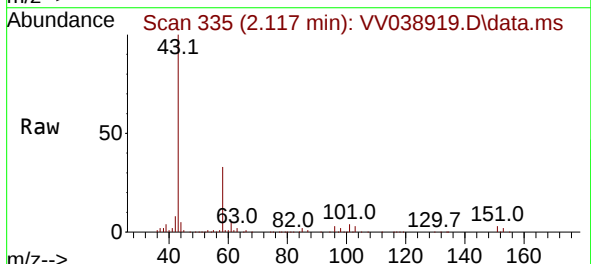
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

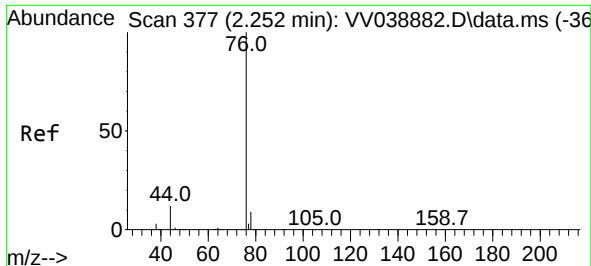
Tgt Ion: 53 Resp: 382436
Ion Ratio Lower Upper
53 100
52 83.4 66.6 99.8
51 36.2 28.7 43.1



#16
Acetone
Concen: 105.290 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 43 Resp: 309638
Ion Ratio Lower Upper
43 100
58 32.9 25.8 38.6

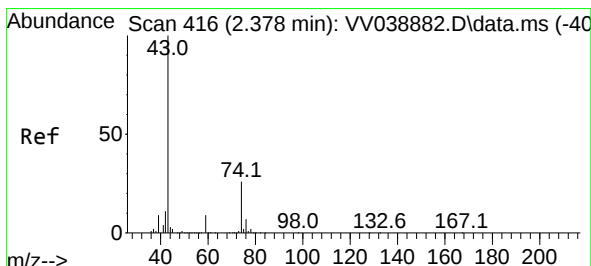
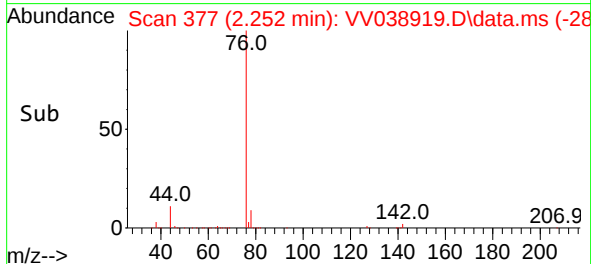
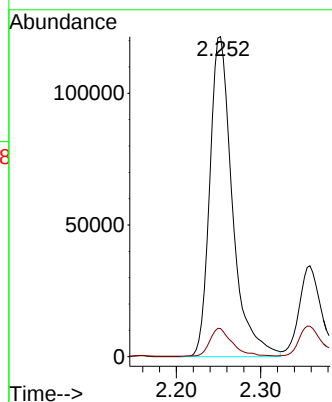
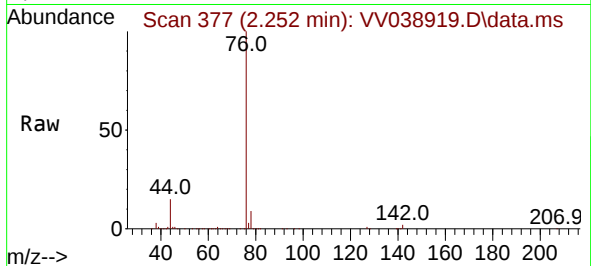




#17
Carbon Disulfide
Concen: 23.117 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

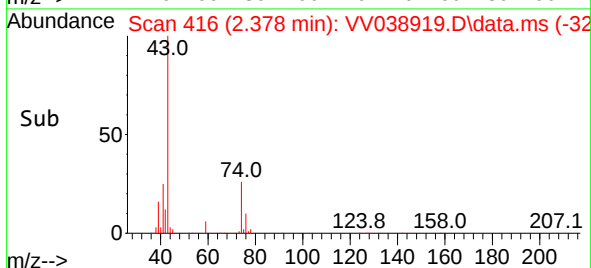
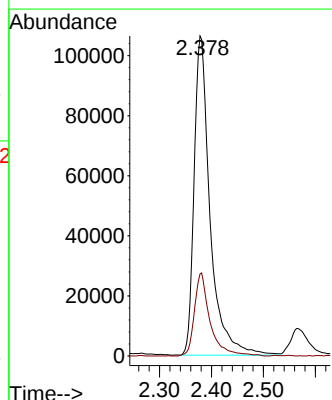
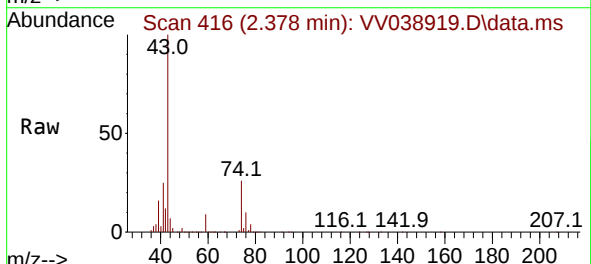
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

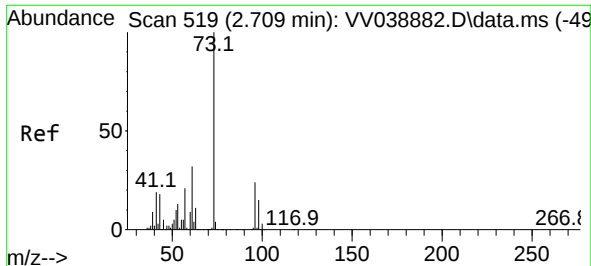
Tgt Ion: 76 Resp: 226861
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 22.806 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 43 Resp: 226915
Ion Ratio Lower Upper
43 100
74 25.4 21.1 31.7

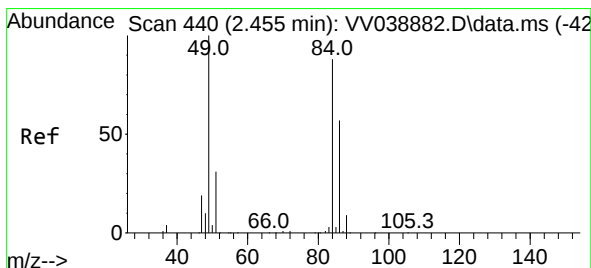
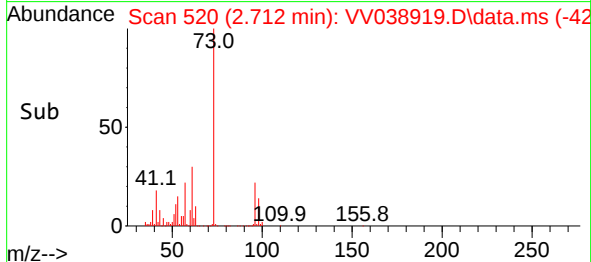
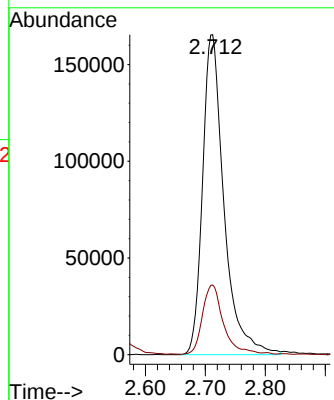
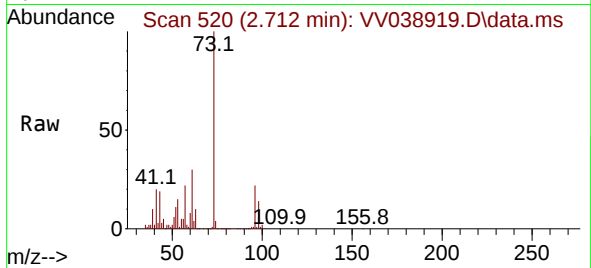




#19
Methyl tert-butyl Ether
Concen: 18.819 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

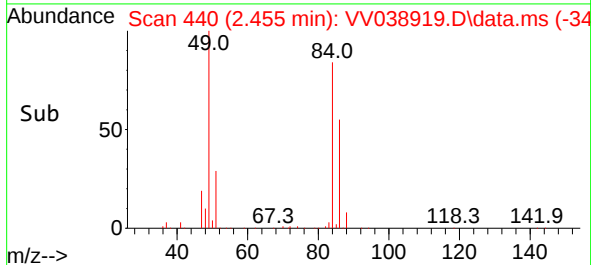
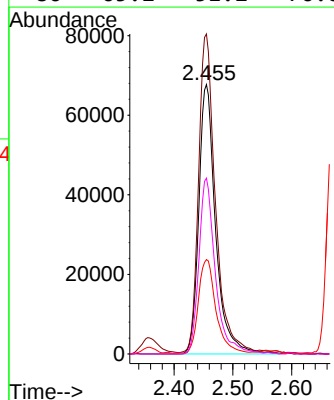
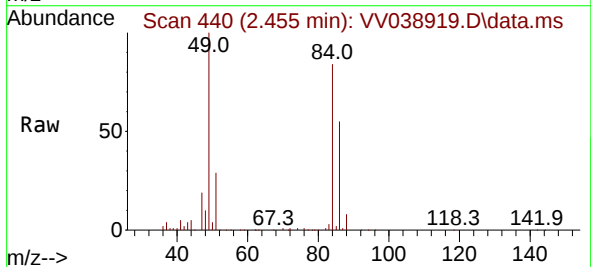
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

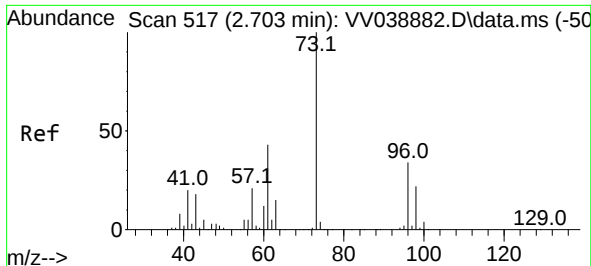
Tgt Ion: 73 Resp: 410857
Ion Ratio Lower Upper
73 100
57 21.7 16.5 24.7



#20
Methylene Chloride
Concen: 18.101 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 84 Resp: 135047
Ion Ratio Lower Upper
84 100
49 118.2 90.5 135.7
51 34.5 27.8 41.6
86 65.2 51.2 76.8

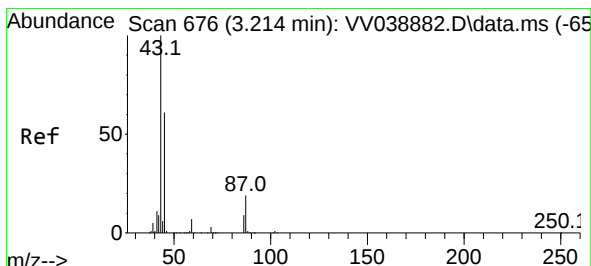
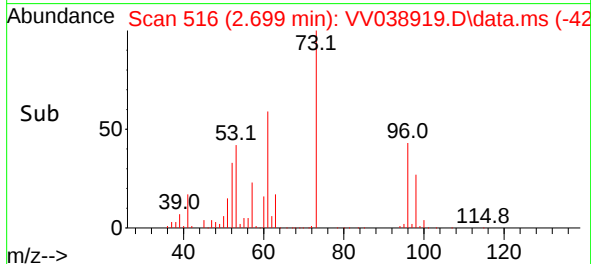
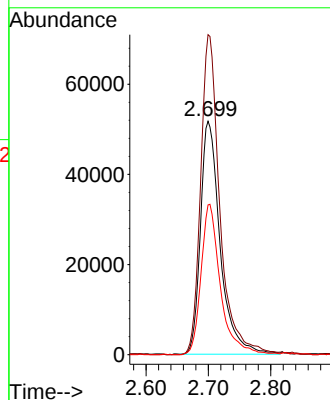
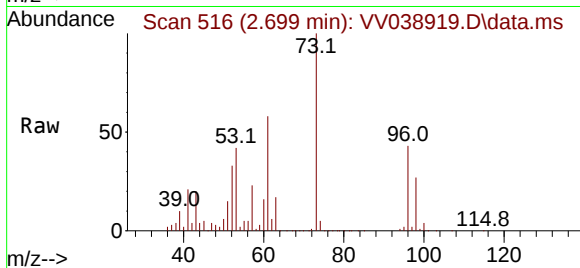




#21
trans-1,2-Dichloroethene
Concen: 18.325 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

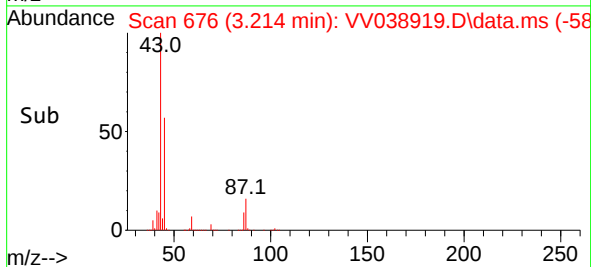
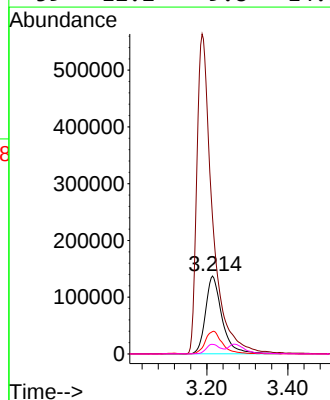
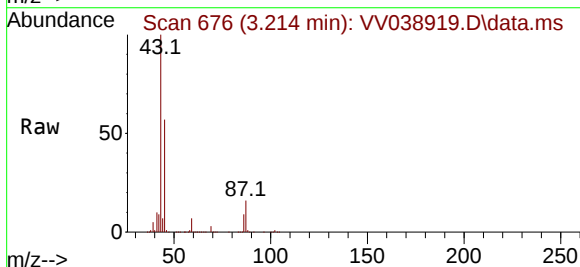
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

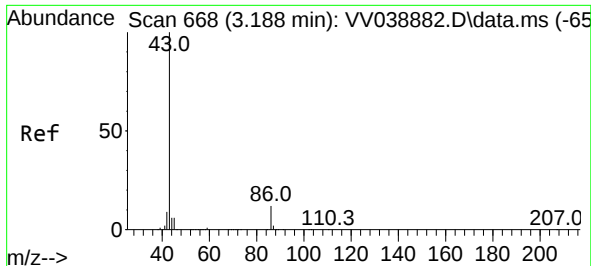
Tgt Ion: 96 Resp: 113532
Ion Ratio Lower Upper
96 100
61 137.4 102.0 153.0
98 64.3 51.0 76.6



#22
Diisopropyl ether
Concen: 20.862 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 45 Resp: 386705
Ion Ratio Lower Upper
45 100
43 175.4 132.1 198.1
87 28.6 25.0 37.4
59 12.2 9.8 14.8

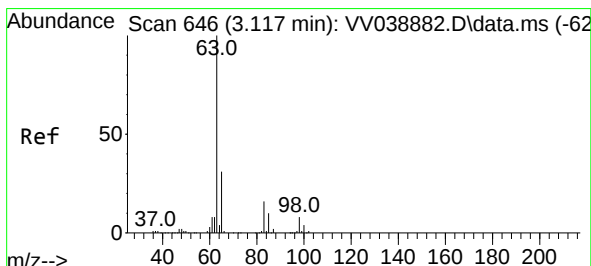
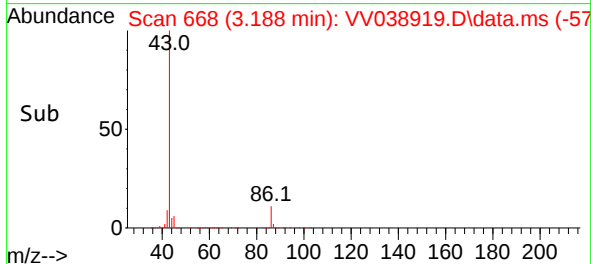
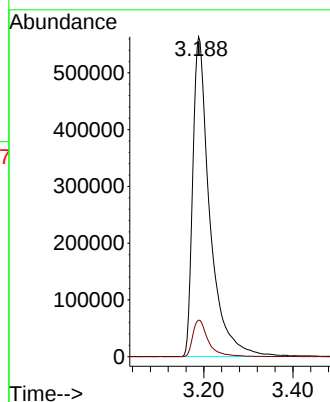
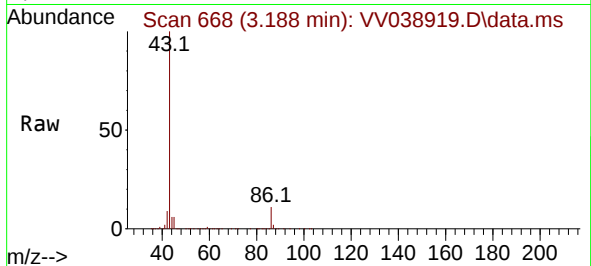




#23
 Vinyl Acetate
 Concen: 103.199 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV038919.D
 Acq: 18 Jul 2025 14:09

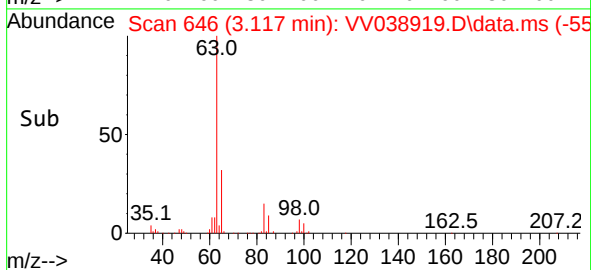
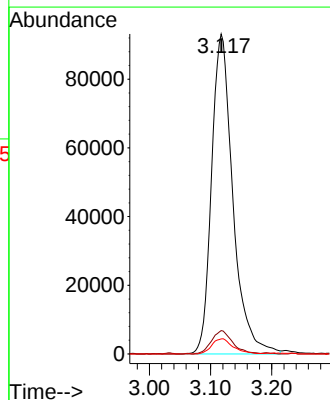
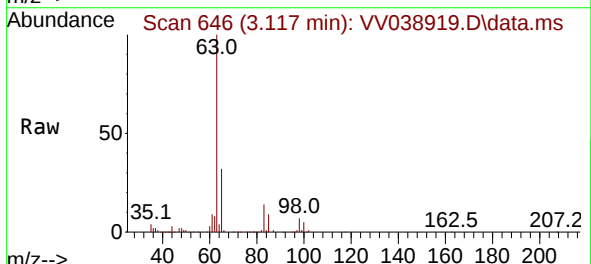
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBSD01

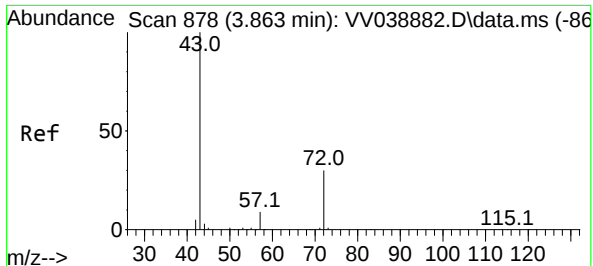
Tgt Ion: 43 Resp: 1499928
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 18.590 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038919.D
 Acq: 18 Jul 2025 14:09

Tgt Ion: 63 Resp: 225669
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.7 2.2 6.6

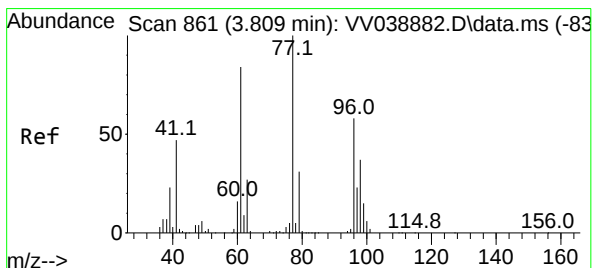
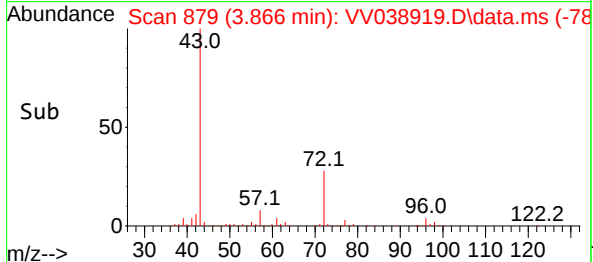
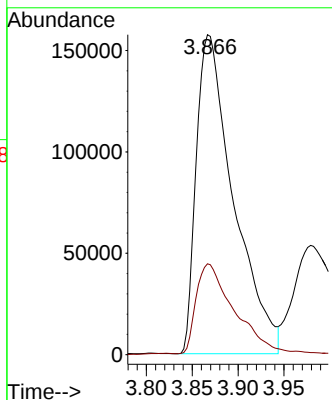
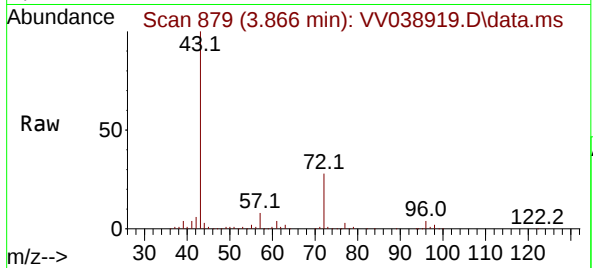




#25
2-Butanone
Concen: 105.631 ug/l
RT: 3.866 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

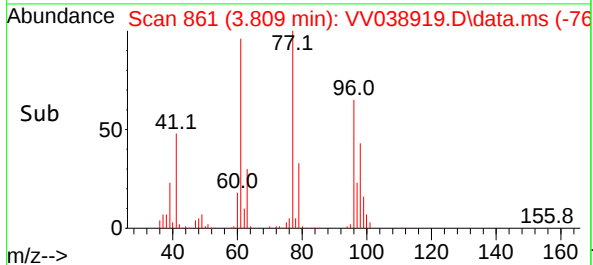
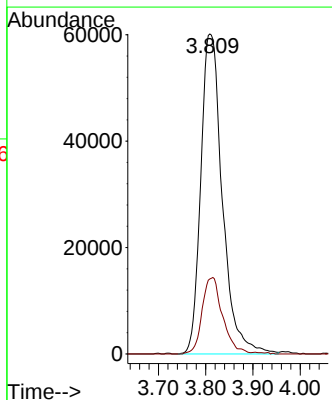
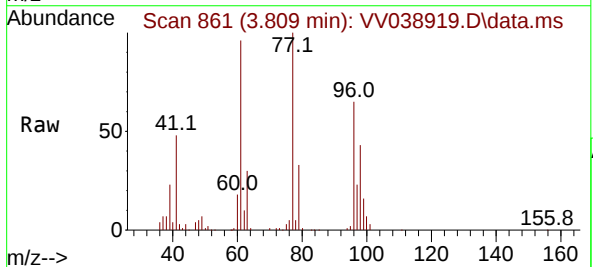
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

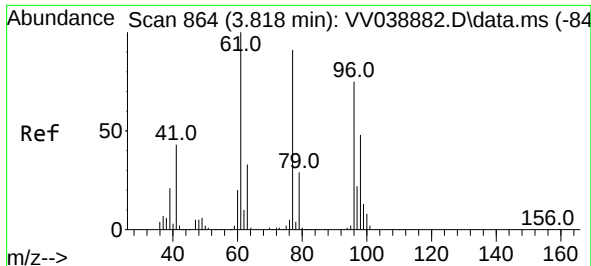
Tgt Ion: 43 Resp: 445245
Ion Ratio Lower Upper
43 100
72 28.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 17.960 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 77 Resp: 190885
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2

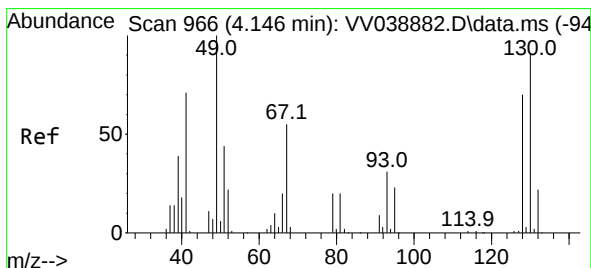
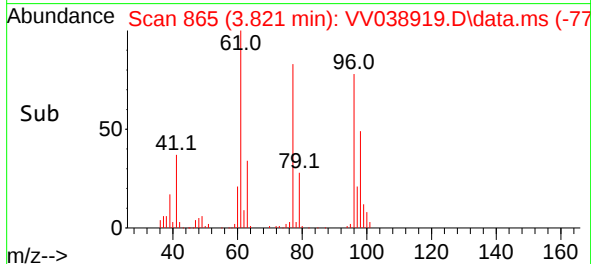
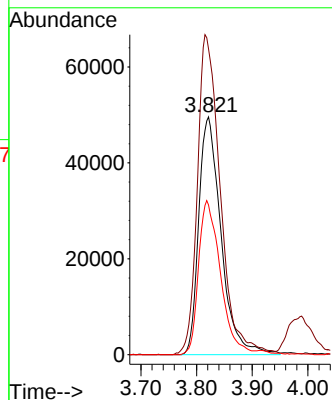
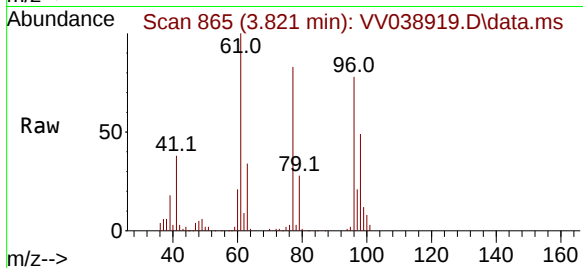




#27
 cis-1,2-Dichloroethene
 Concen: 19.448 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV038919.D
 Acq: 18 Jul 2025 14:09

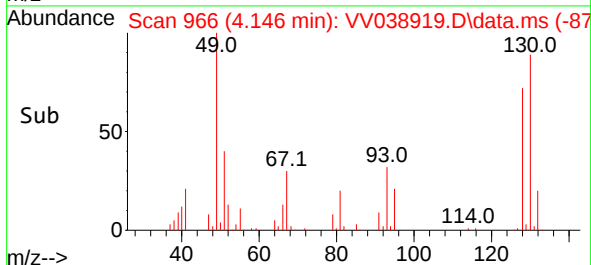
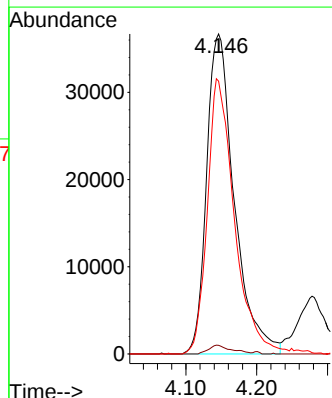
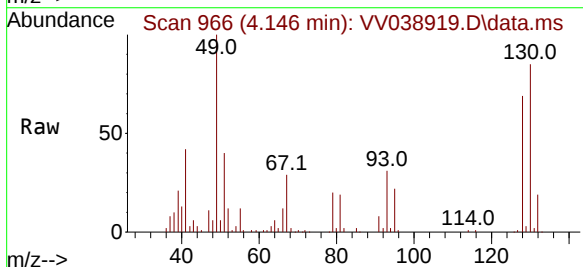
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBSD01

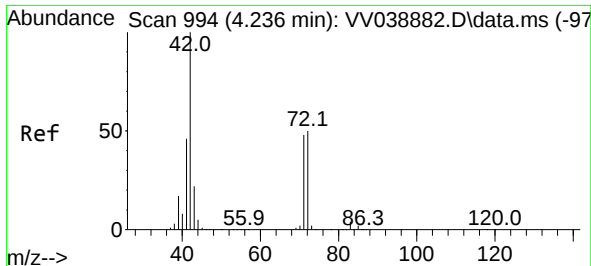
Tgt Ion: 96 Resp: 138361
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 275.0
 98 63.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.198 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV038919.D
 Acq: 18 Jul 2025 14:09

Tgt Ion: 49 Resp: 99606
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.0 70.1 105.1

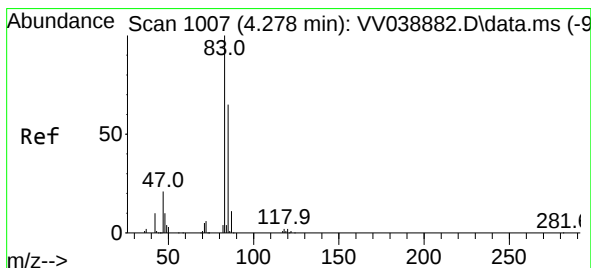
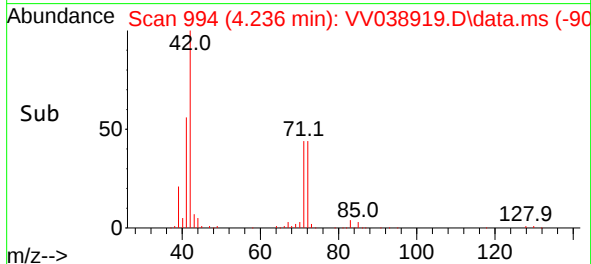
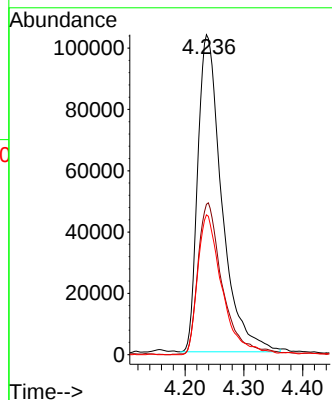
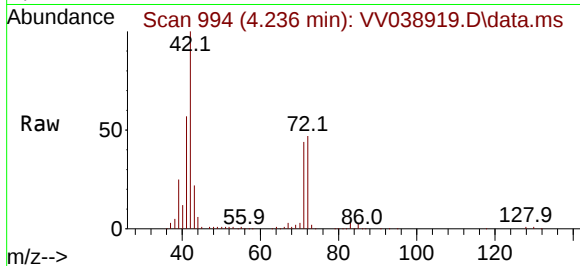




#29
Tetrahydrofuran
Concen: 105.798 ug/l
RT: 4.236 min Scan# 994
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

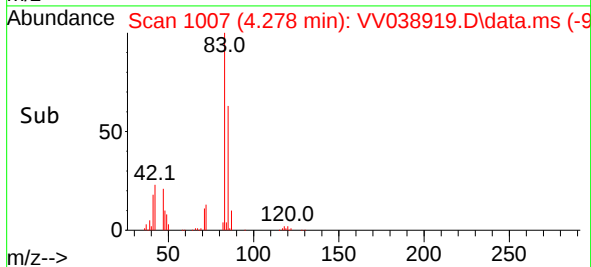
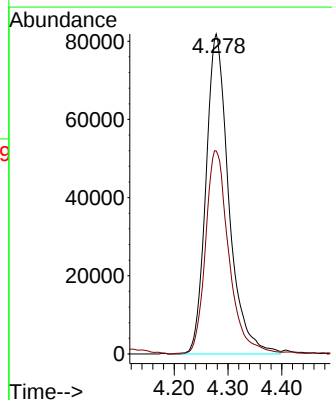
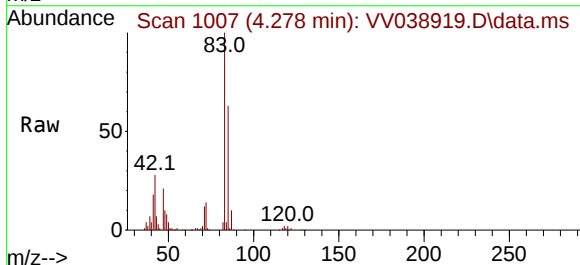
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

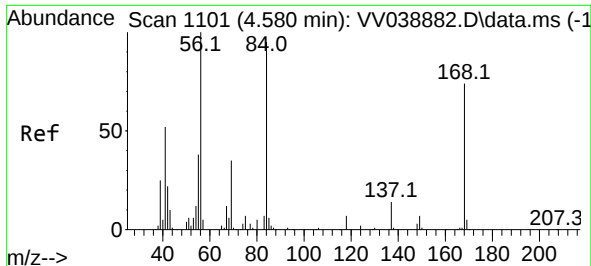
Tgt Ion: 42 Resp: 293916
Ion Ratio Lower Upper
42 100
72 49.2 41.6 62.4
71 44.7 38.4 57.6



#30
Chloroform
Concen: 18.071 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 83 Resp: 241855
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4

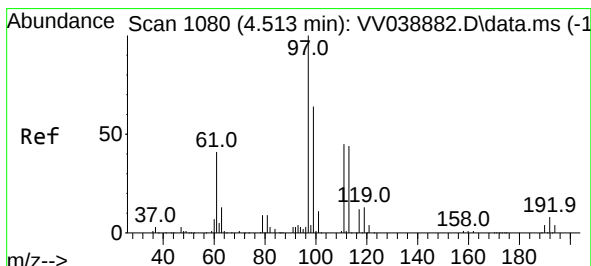
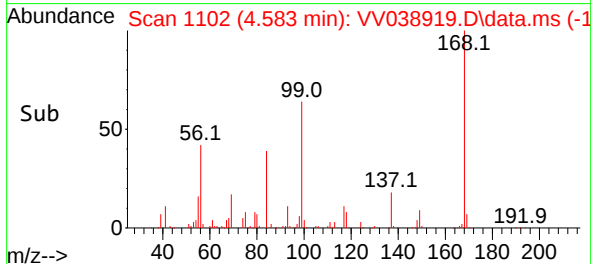
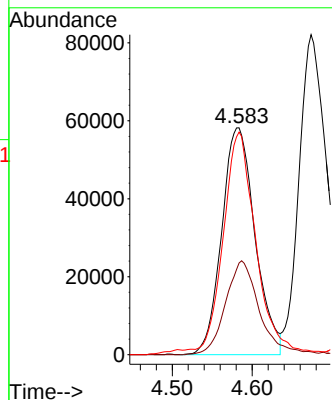
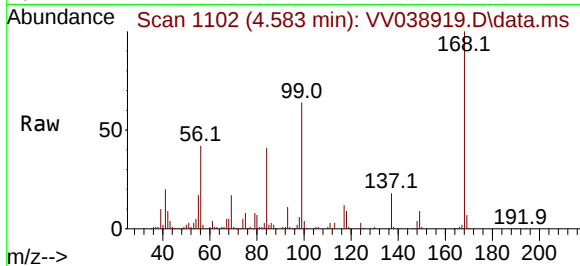




#31
Cyclohexane
Concen: 21.172 ug/l
RT: 4.583 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

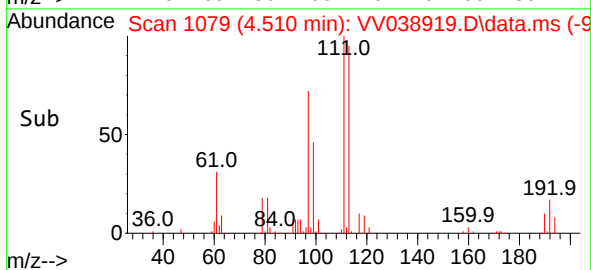
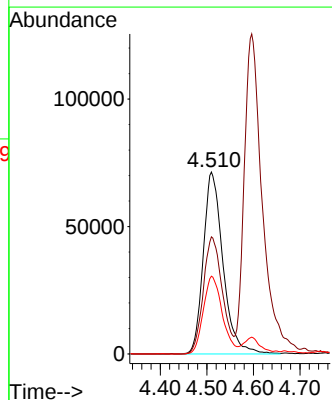
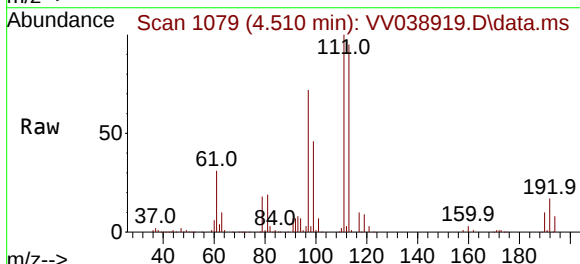
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

Tgt Ion: 56 Resp: 168695
Ion Ratio Lower Upper
56 100
69 40.4 28.2 42.2
84 96.0 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 18.001 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 97 Resp: 210206
Ion Ratio Lower Upper
97 100
99 61.6 50.1 75.1
61 41.2 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 50.116 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

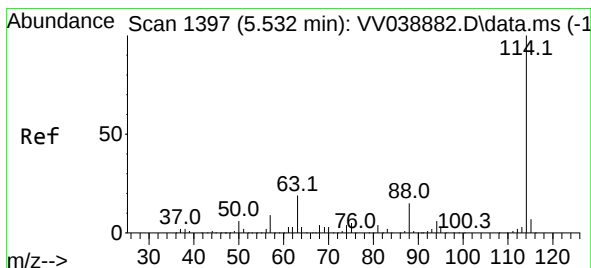
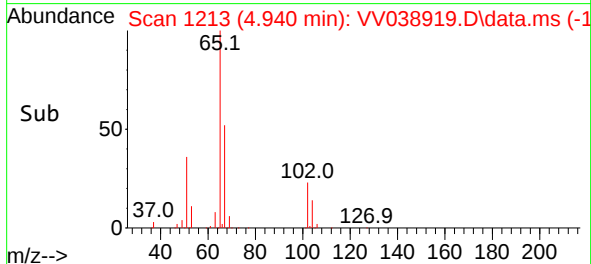
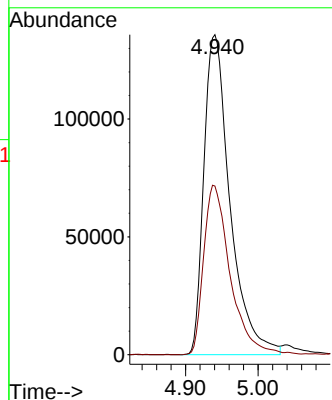
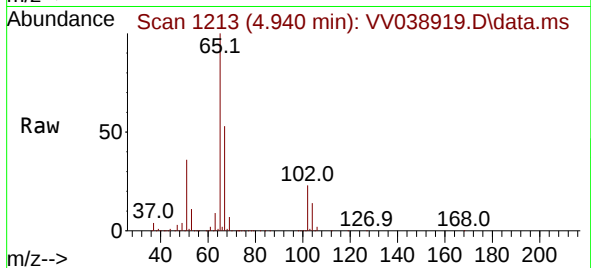
VV0718WBSD01

Tgt Ion: 65 Resp: 340592

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

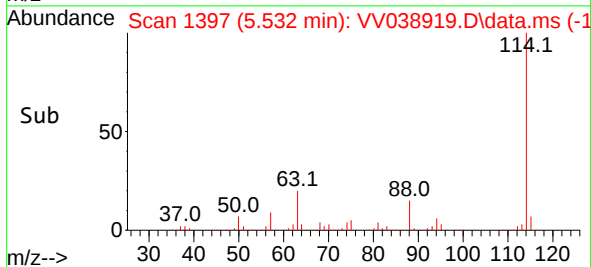
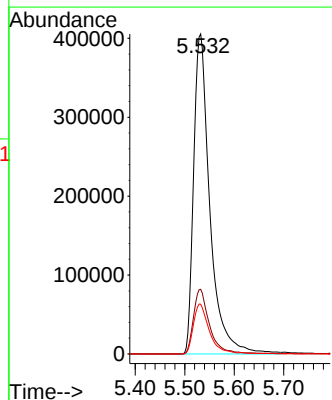
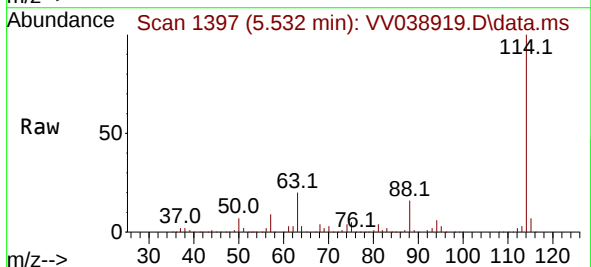
Tgt Ion: 114 Resp: 927852

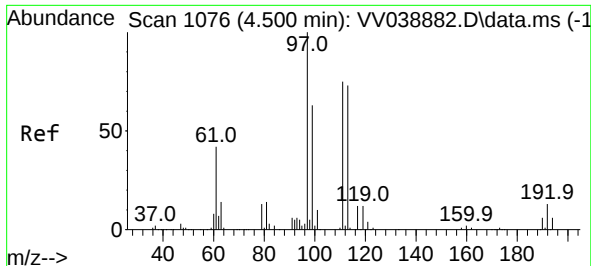
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.2

88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.315 ug/l

RT: 4.497 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

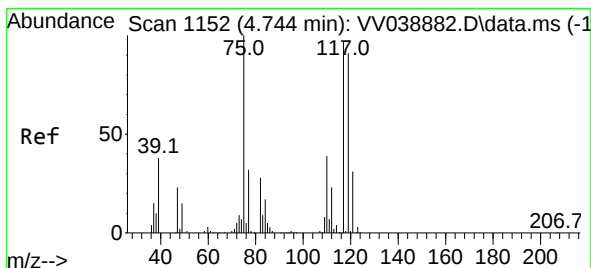
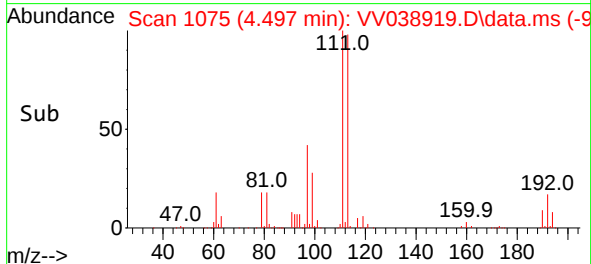
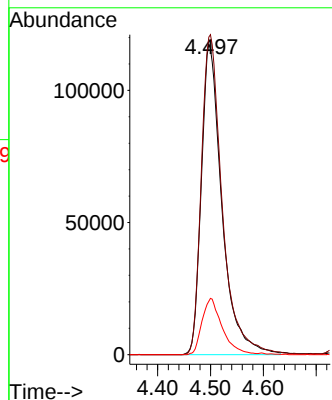
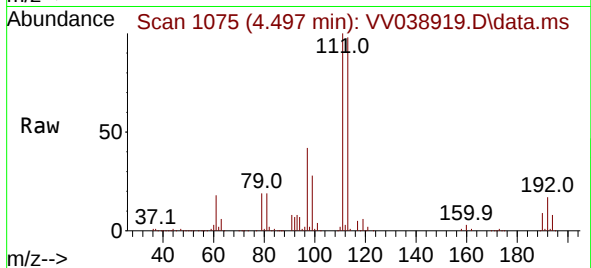
Tgt Ion:113 Resp: 318296

Ion Ratio Lower Upper

113 100

111 104.4 83.3 124.9

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 19.290 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

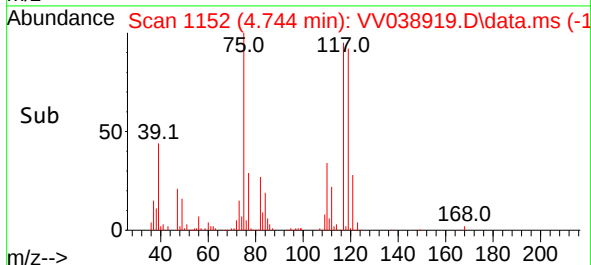
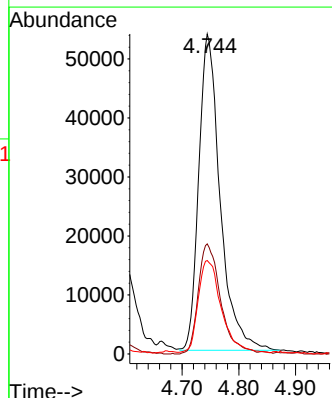
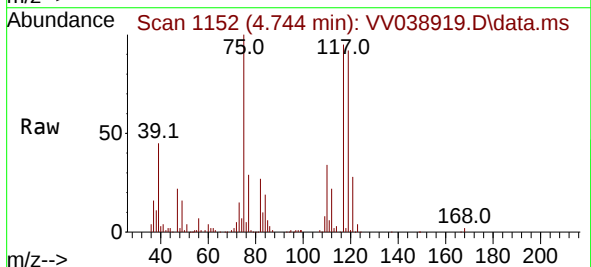
Tgt Ion: 75 Resp: 140243

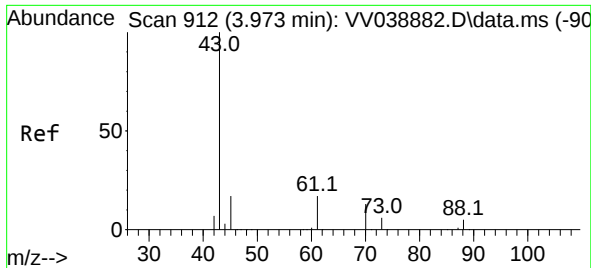
Ion Ratio Lower Upper

75 100

110 36.4 18.8 56.3

77 31.4 24.2 36.4

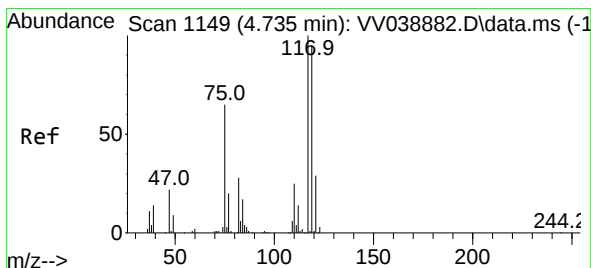
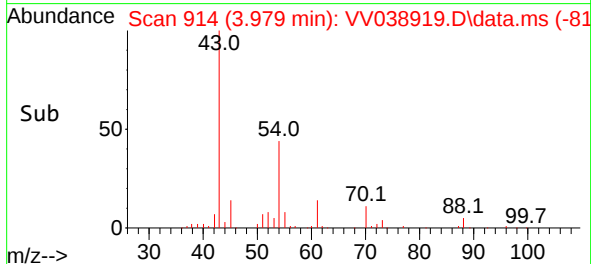
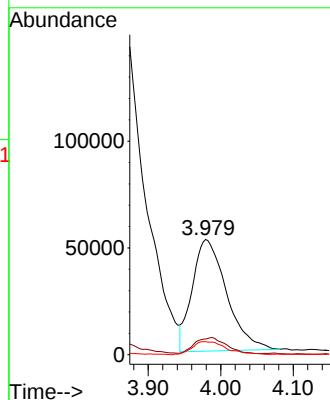
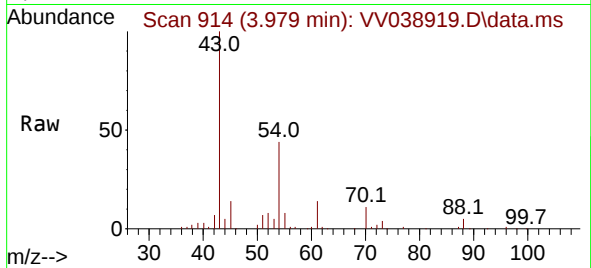




#37
Ethyl Acetate
Concen: 20.110 ug/l
RT: 3.979 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

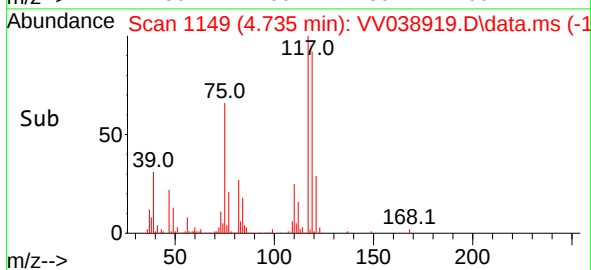
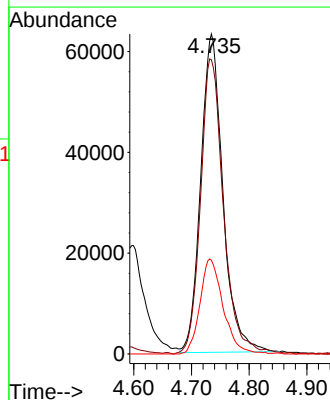
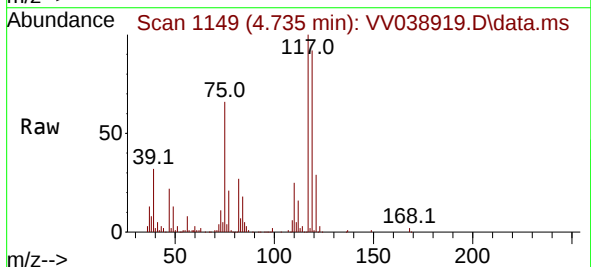
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

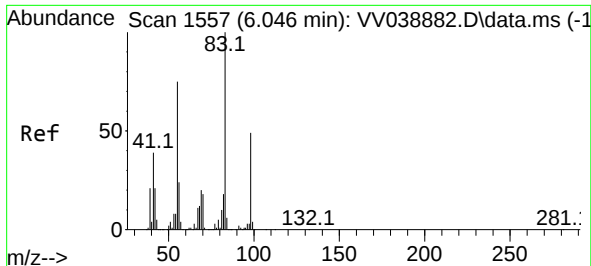
Tgt Ion: 43 Resp: 172145
Ion Ratio Lower Upper
43 100
61 13.2 11.1 16.7
70 11.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 17.451 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 117 Resp: 168532
Ion Ratio Lower Upper
117 100
119 92.1 76.0 114.0
121 29.5 23.1 34.7





#39

Methylcyclohexane

Concen: 19.672 ug/l

RT: 6.046 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

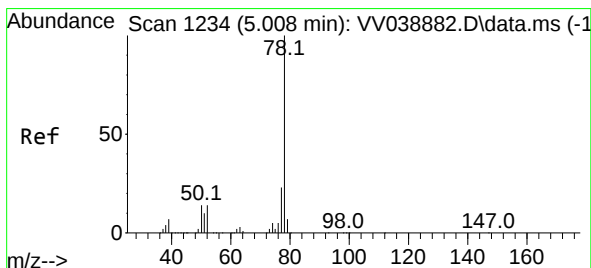
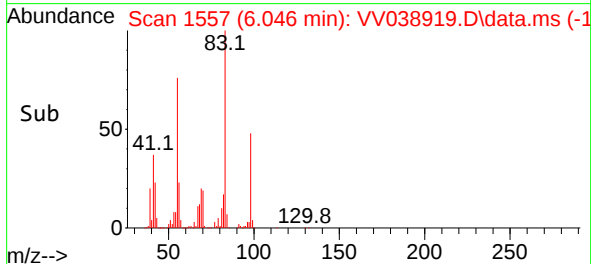
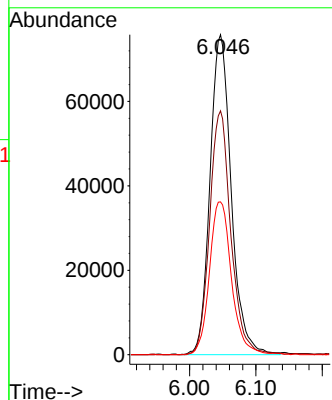
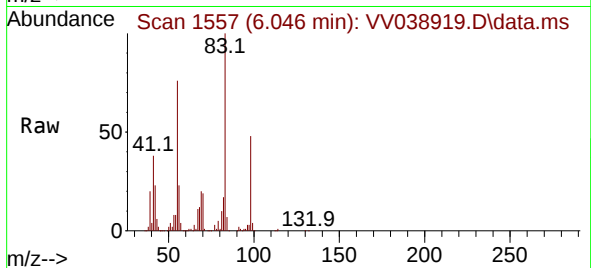
Tgt Ion: 83 Resp: 168754

Ion Ratio Lower Upper

83 100

55 76.2 60.0 90.0

98 47.7 39.0 58.6



#40

Benzene

Concen: 19.274 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV038919.D

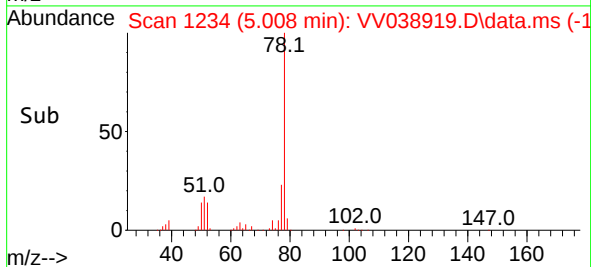
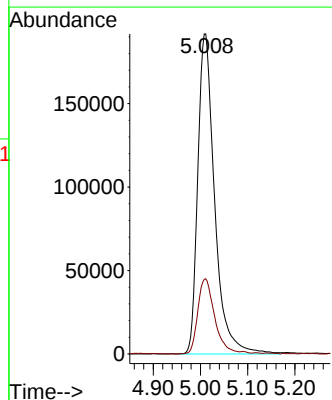
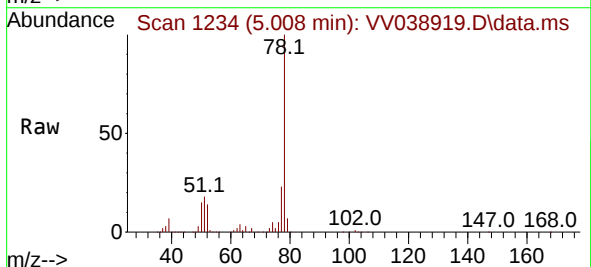
Acq: 18 Jul 2025 14:09

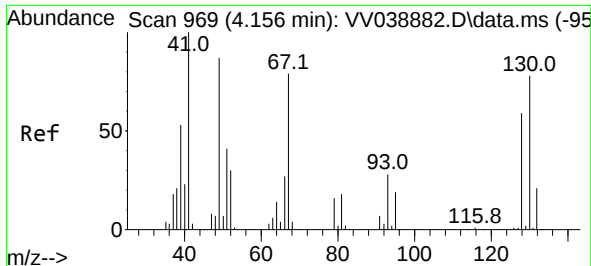
Tgt Ion: 78 Resp: 475027

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0



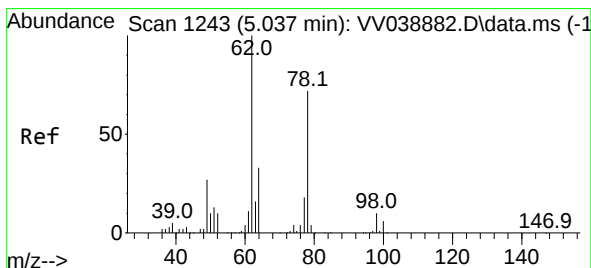
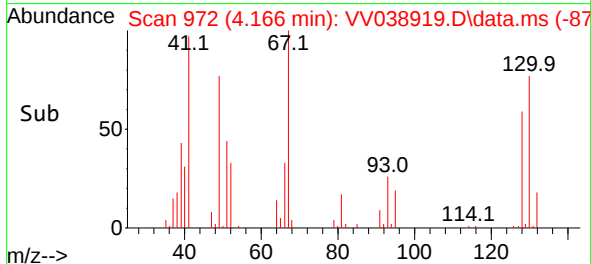
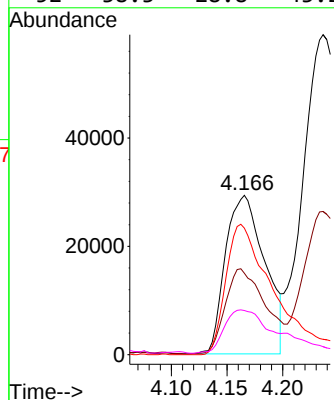
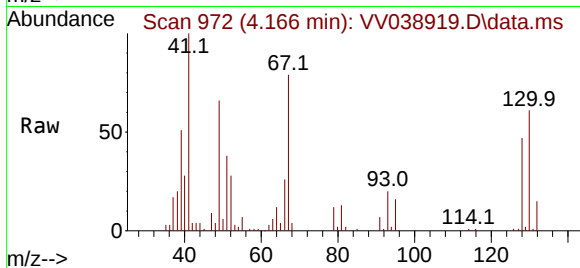


#41
Methacrylonitrile
Concen: 18.331 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

Tgt Ion: 41 Resp: 72014

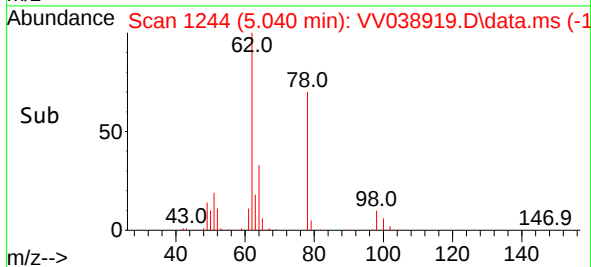
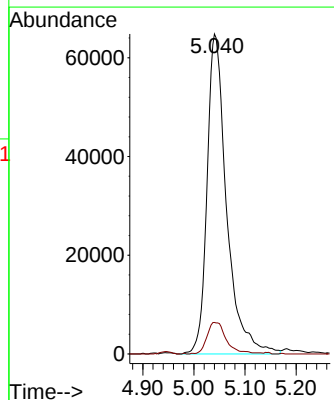
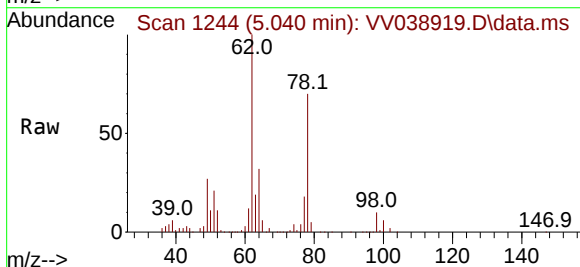
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.0	63.0
67	103.1	76.2	114.2
52	38.3	28.8	43.2

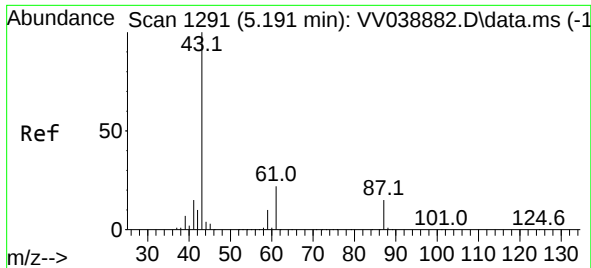


#42
1,2-Dichloroethane
Concen: 18.339 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 62 Resp: 172287

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.8

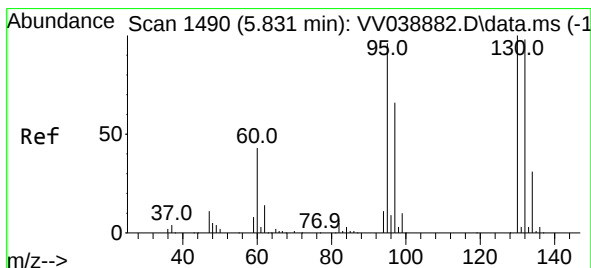
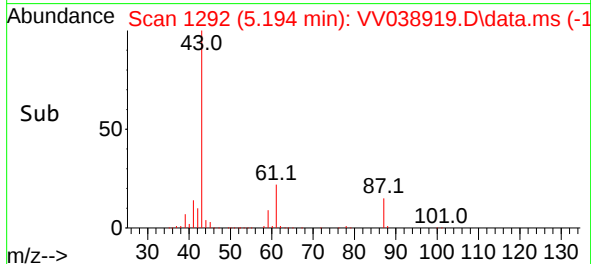
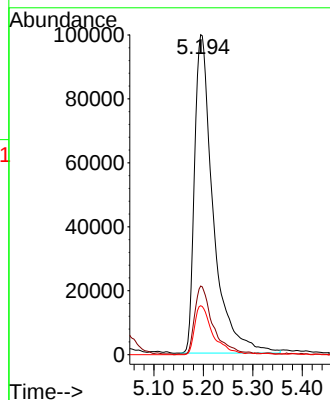
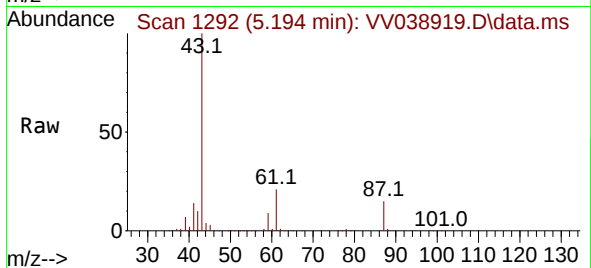




#43
Isopropyl Acetate
Concen: 19.330 ug/l
RT: 5.194 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

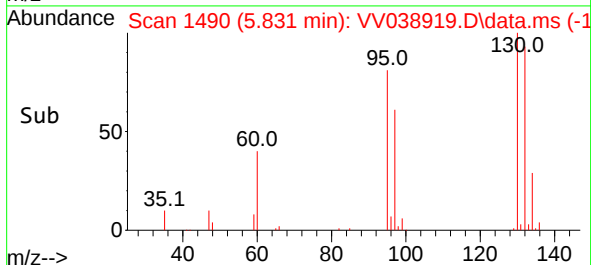
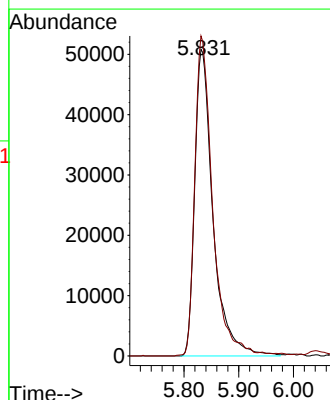
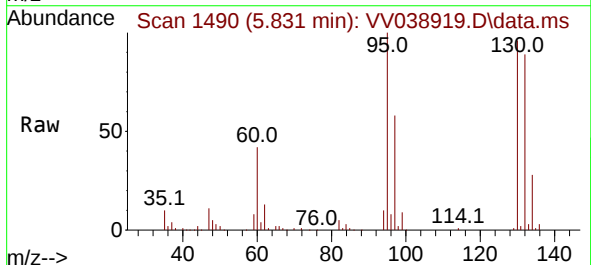
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

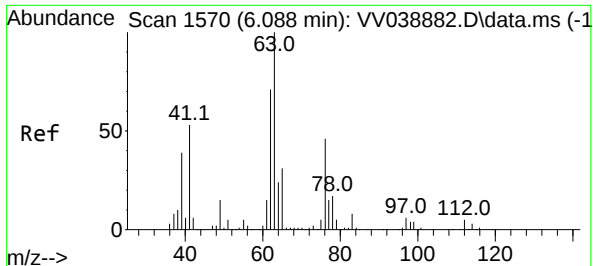
Tgt Ion: 43 Resp: 261684
Ion Ratio Lower Upper
43 100
61 20.6 17.1 25.7
87 14.9 12.2 18.4



#44
Trichloroethene
Concen: 18.234 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion:130 Resp: 117429
Ion Ratio Lower Upper
130 100
95 104.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.709 ug/l

RT: 6.091 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

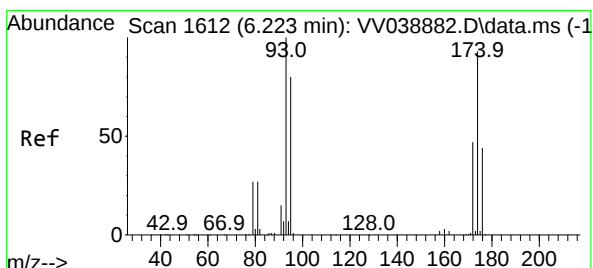
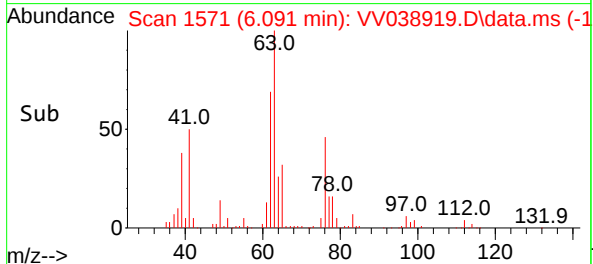
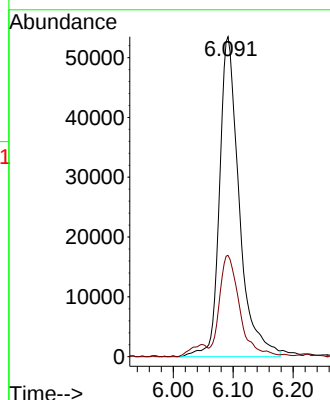
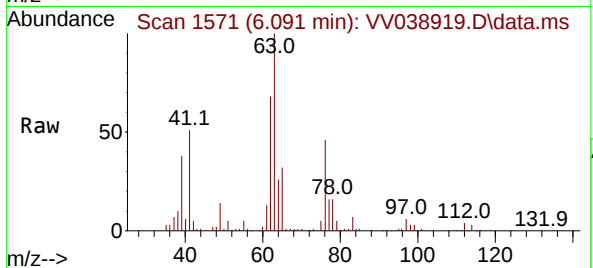
VV0718WBSD01

Tgt Ion: 63 Resp: 121804

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 18.342 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

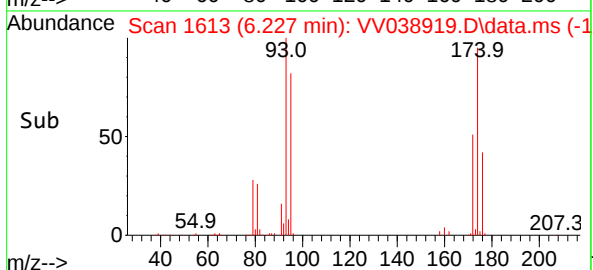
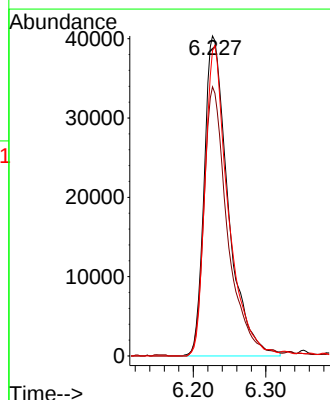
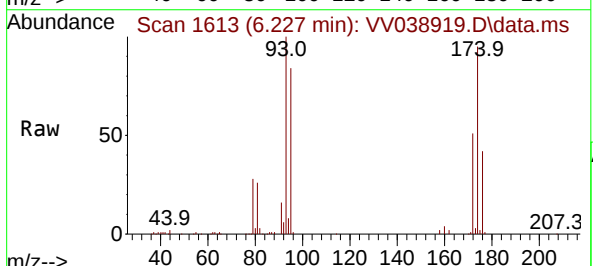
Tgt Ion: 93 Resp: 92392

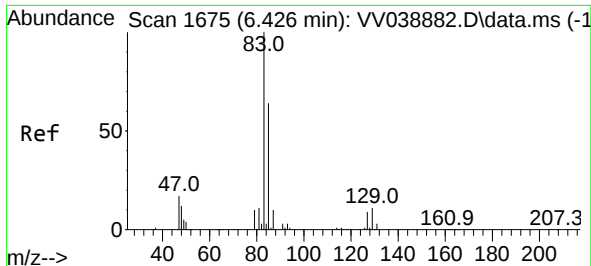
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 94.0 75.3 112.9

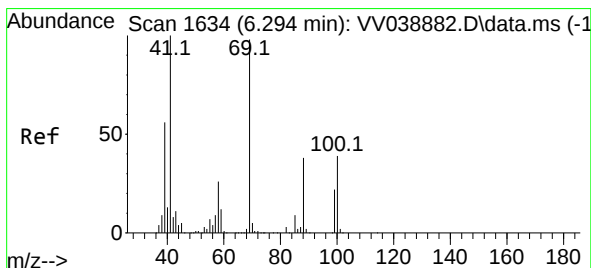
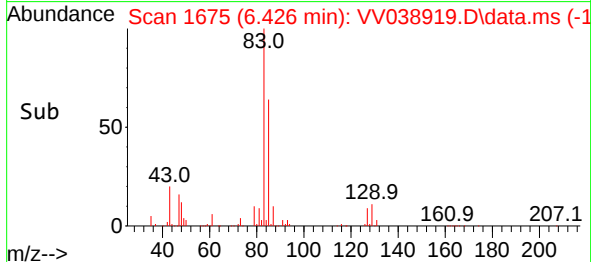
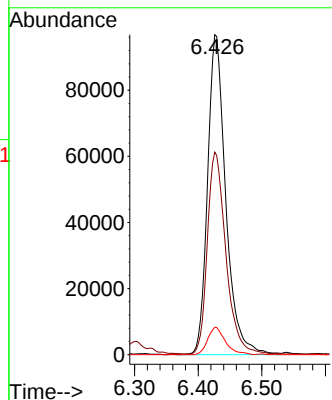
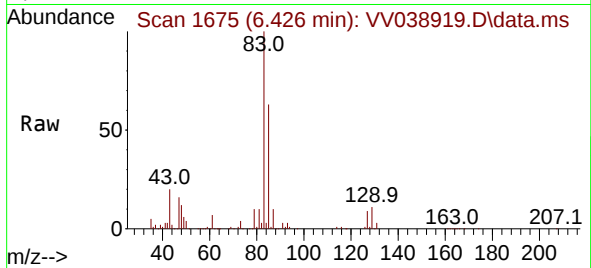




#47
Bromodichloromethane
Concen: 18.023 ug/l
RT: 6.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

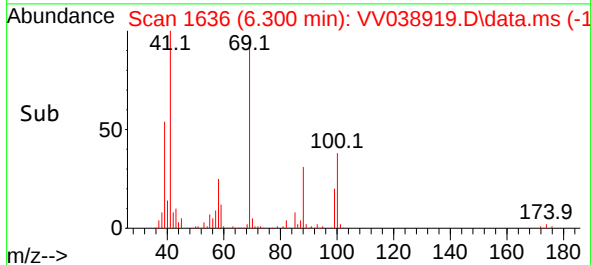
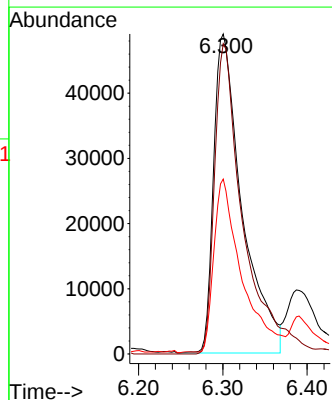
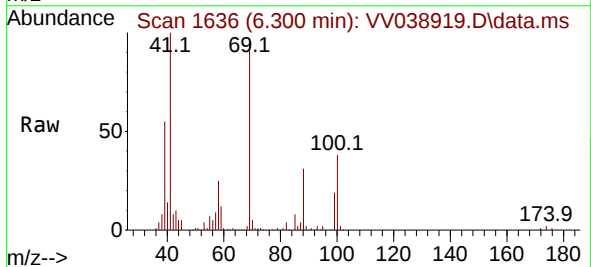
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

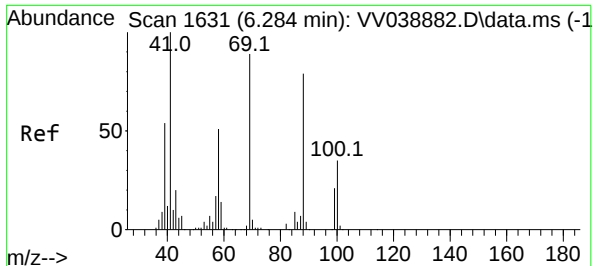
Tgt Ion: 83 Resp: 192679
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 19.476 ug/l
RT: 6.300 min Scan# 1636
Delta R.T. 0.006 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 41 Resp: 114426
Ion Ratio Lower Upper
41 100
69 98.2 79.4 119.2
39 53.4 44.0 66.0





#49

1,4-Dioxane

Concen: 375.908 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

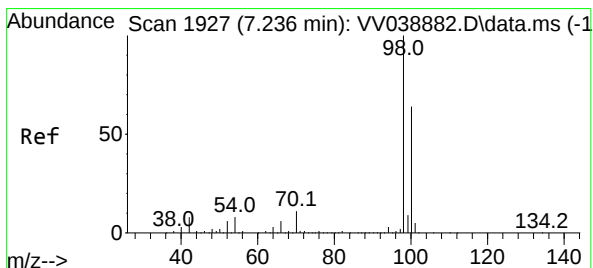
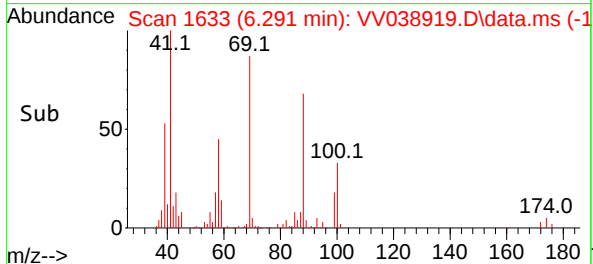
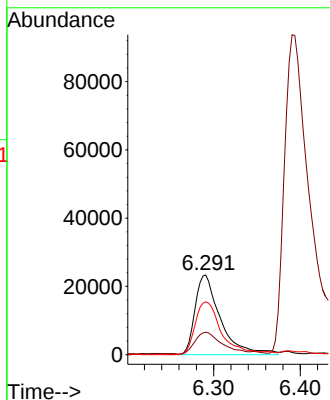
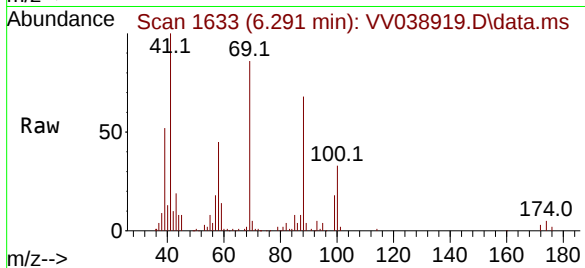
Tgt Ion: 88 Resp: 47585

Ion Ratio Lower Upper

88 100

43 29.1 23.0 34.4

58 67.9 53.8 80.6



#50

Toluene-d8

Concen: 45.643 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038919.D

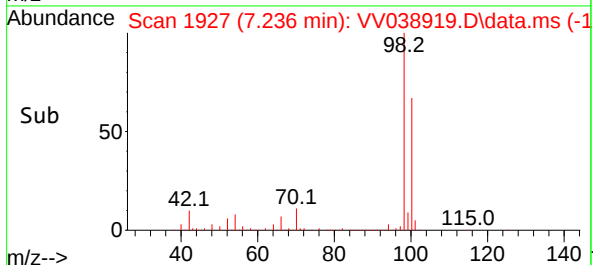
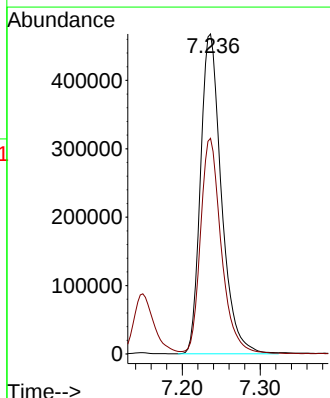
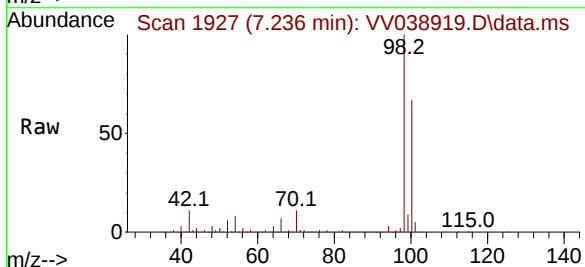
Acq: 18 Jul 2025 14:09

Tgt Ion: 98 Resp: 872788

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3

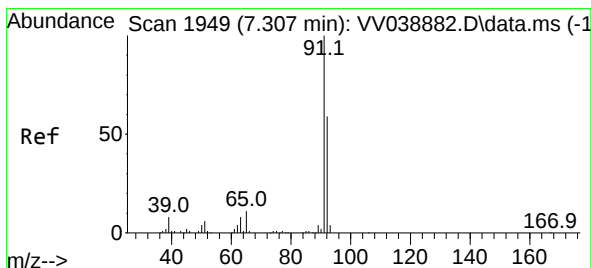
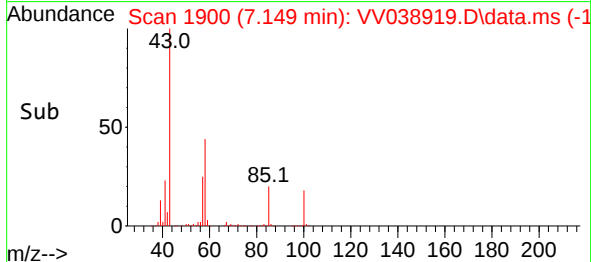
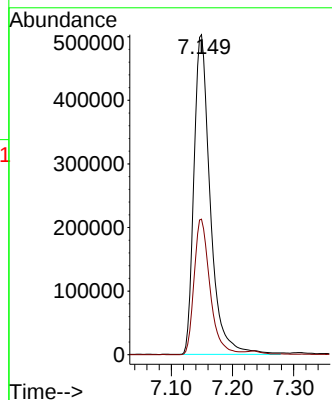
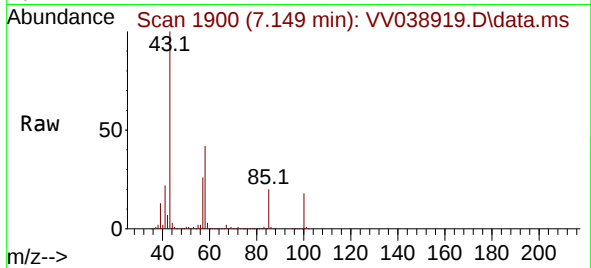




#51
4-Methyl-2-Pentanone
Concen: 101.241 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

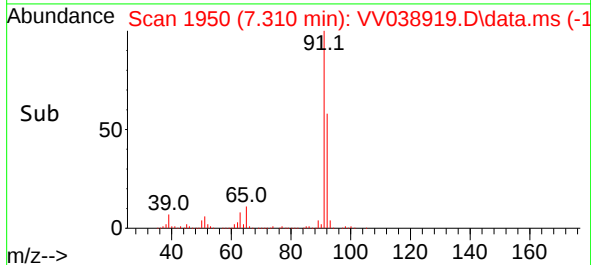
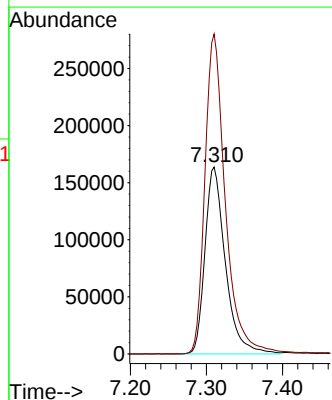
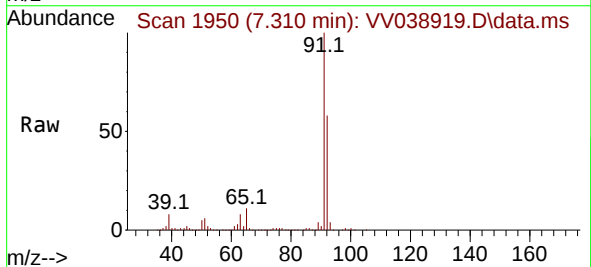
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

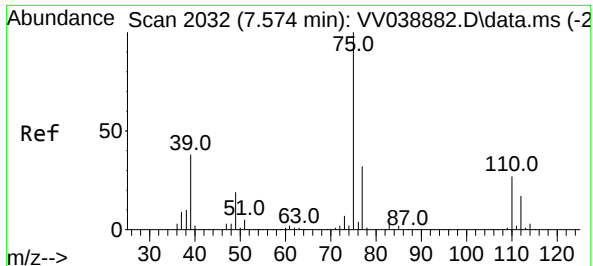
Tgt Ion: 43 Resp: 933255
Ion Ratio Lower Upper
43 100
58 41.4 34.5 51.7



#52
Toluene
Concen: 19.685 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 92 Resp: 305636
Ion Ratio Lower Upper
92 100
91 171.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.444 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

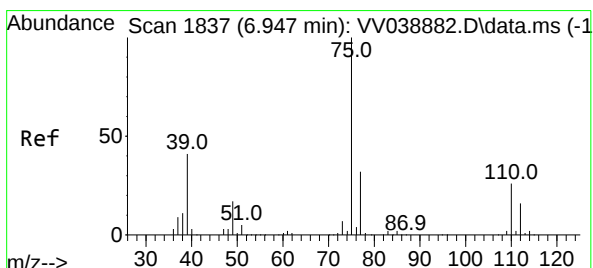
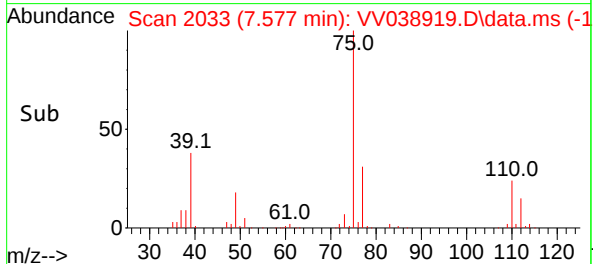
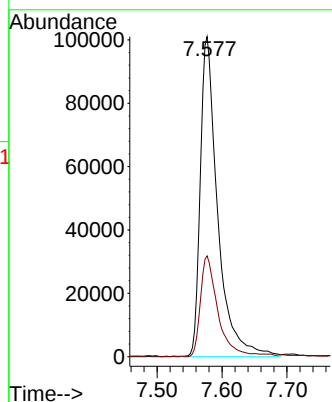
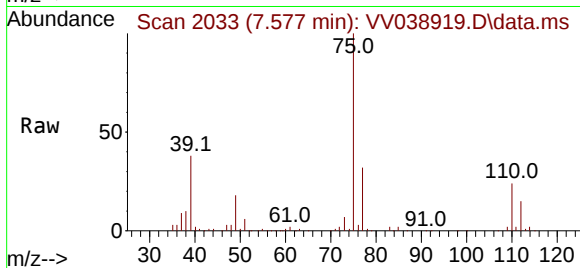
VV0718WBSD01

Tgt Ion: 75 Resp: 188088

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 19.018 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

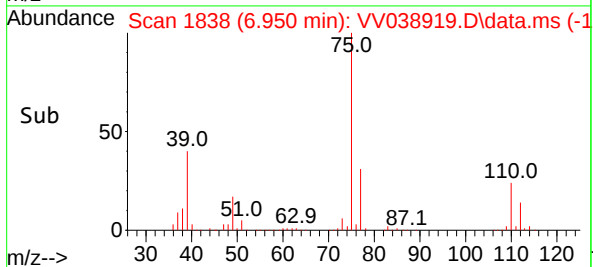
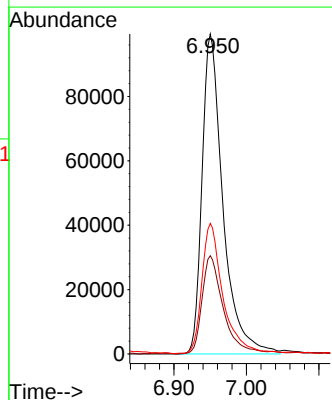
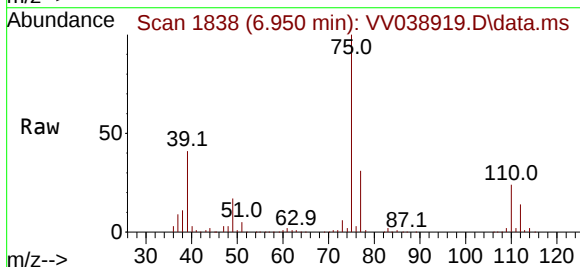
Tgt Ion: 75 Resp: 198870

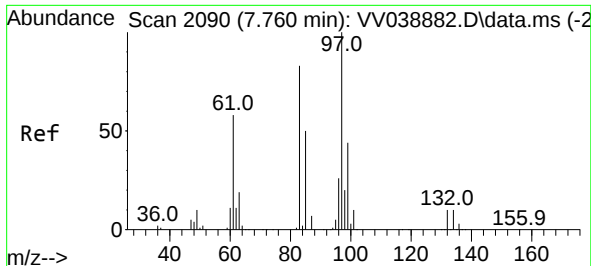
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 40.5 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 17.711 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

Tgt Ion: 97 Resp: 131437

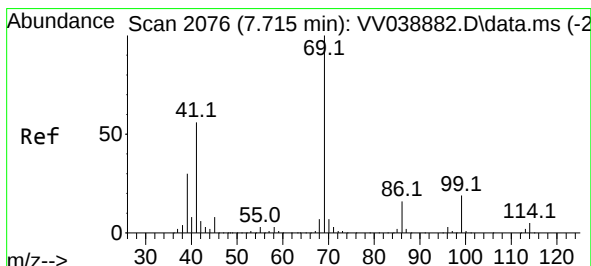
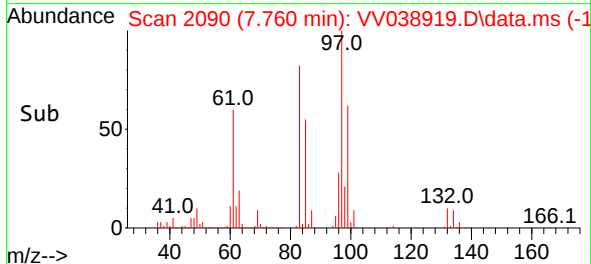
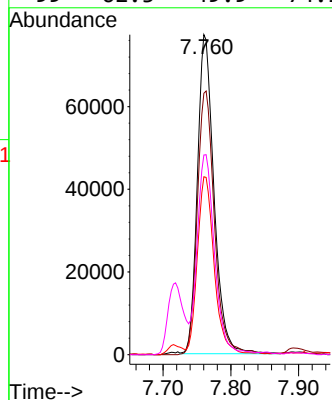
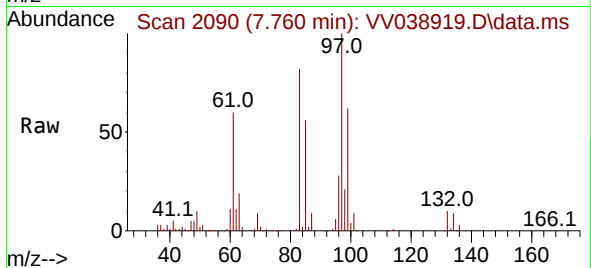
Ion Ratio Lower Upper

97 100

83 81.7 66.2 99.4

85 55.4 41.4 62.2

99 62.3 49.9 74.9



#56

Ethyl methacrylate

Concen: 20.251 ug/l

RT: 7.718 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

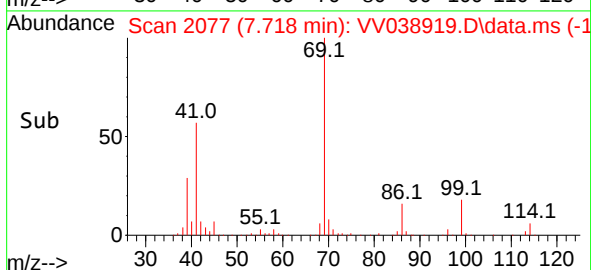
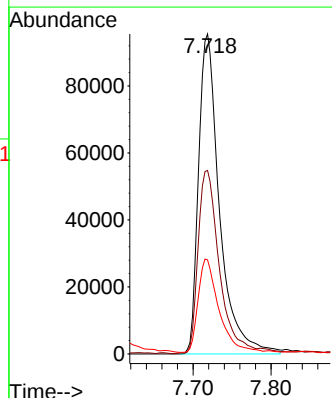
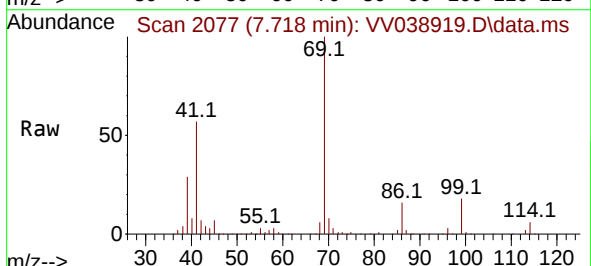
Tgt Ion: 69 Resp: 178587

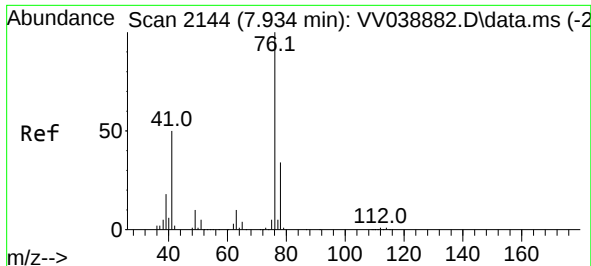
Ion Ratio Lower Upper

69 100

41 57.7 45.7 68.5

39 28.7 23.8 35.8





#57

1,3-Dichloropropane

Concen: 19.205 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

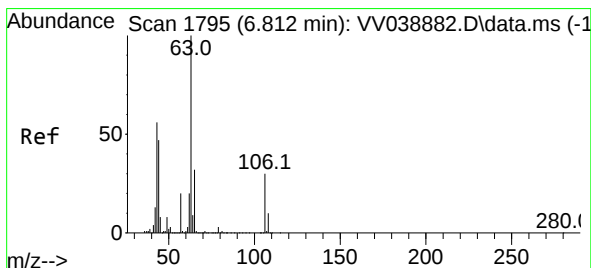
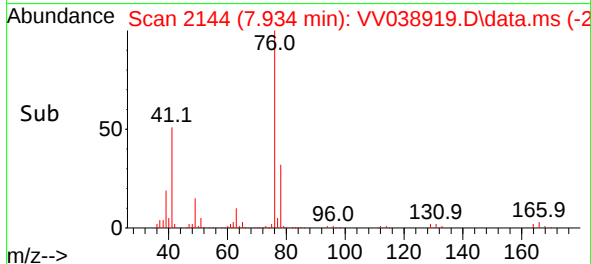
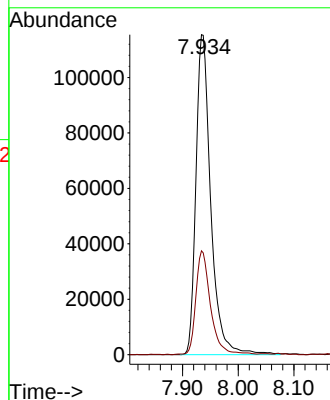
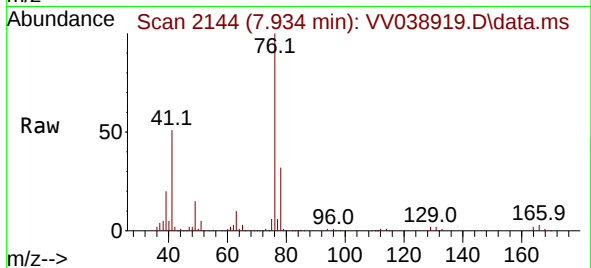
VV0718WBSD01

Tgt Ion: 76 Resp: 213707

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 86.634 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV038919.D

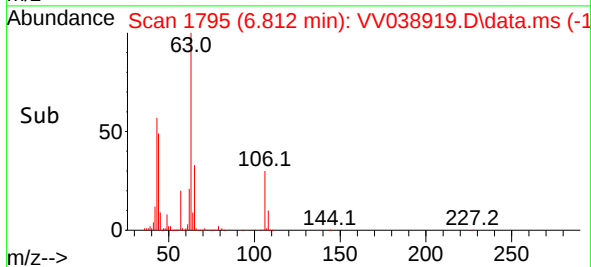
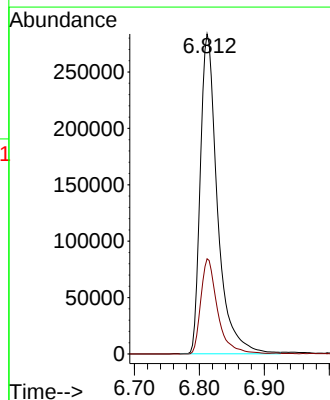
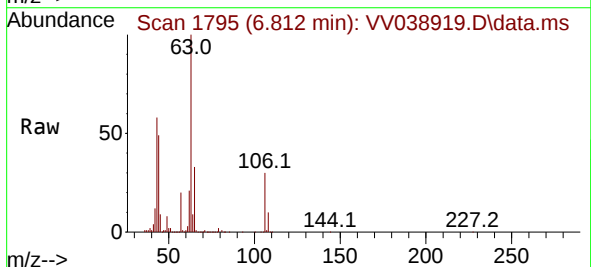
Acq: 18 Jul 2025 14:09

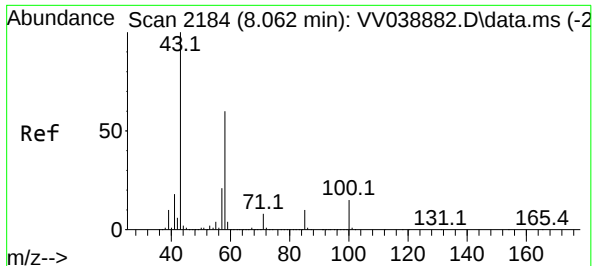
Tgt Ion: 63 Resp: 521259

Ion Ratio Lower Upper

63 100

106 29.1 24.1 36.1

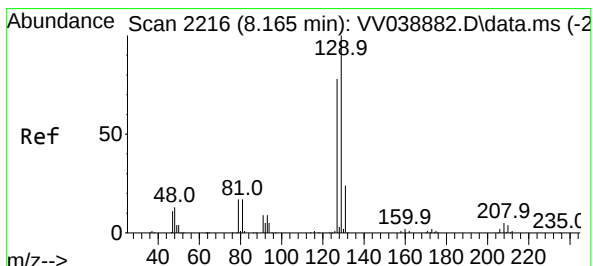
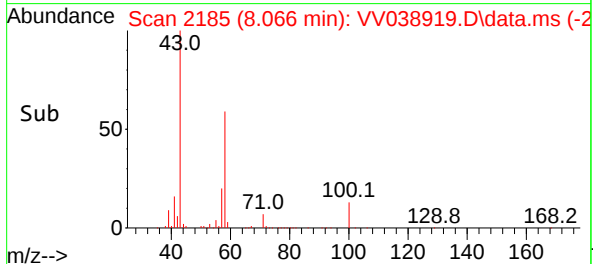
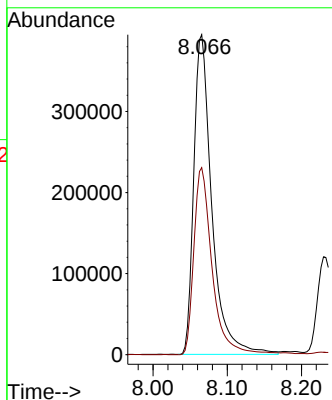
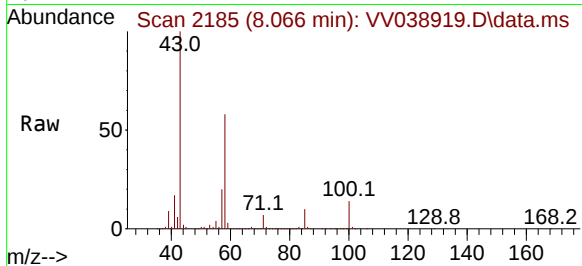




#59
2-Hexanone
Concen: 97.581 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

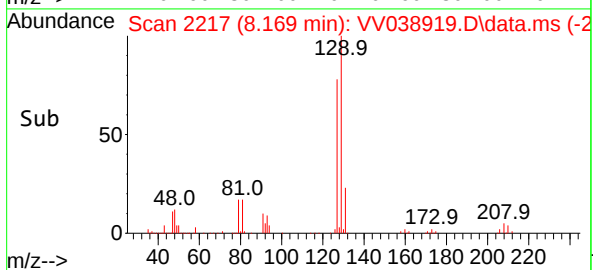
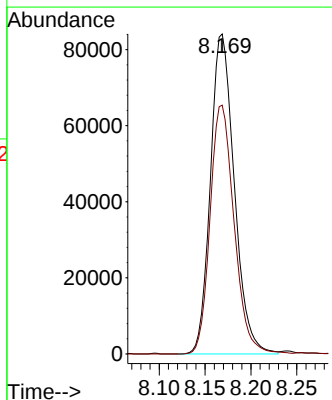
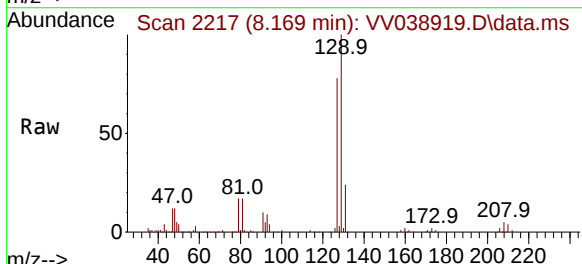
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

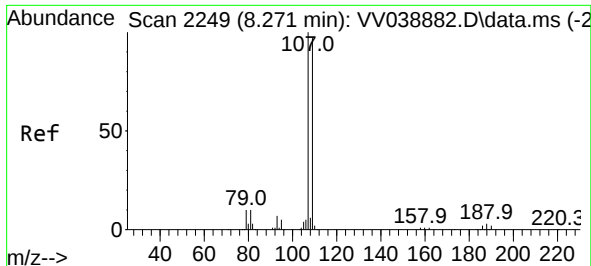
Tgt Ion: 43 Resp: 669608
Ion Ratio Lower Upper
43 100
58 59.3 29.6 88.8



#60
Dibromochloromethane
Concen: 17.444 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 129 Resp: 152446
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.2

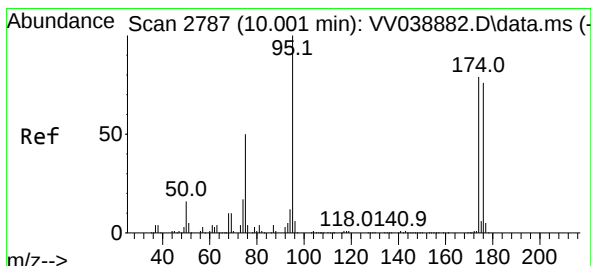
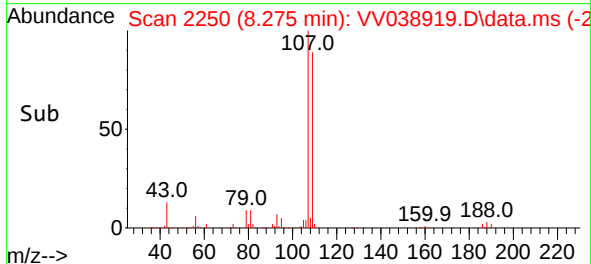
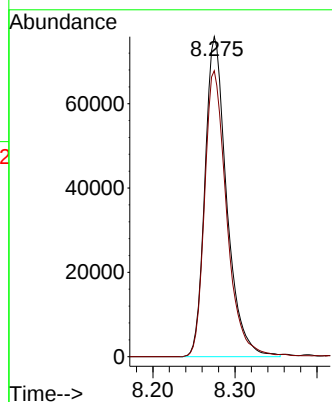
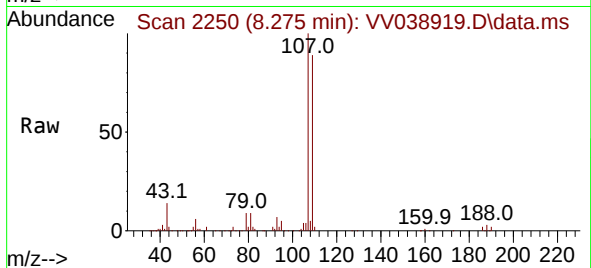




#61
1,2-Dibromoethane
Concen: 18.721 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

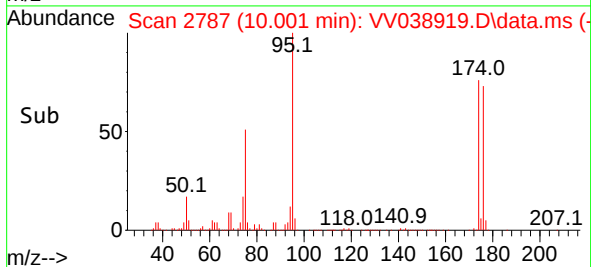
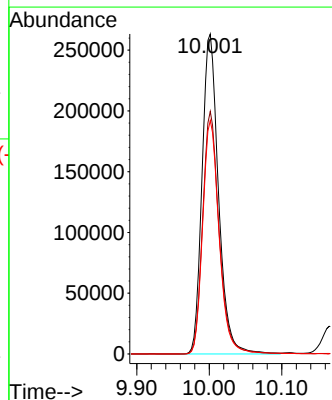
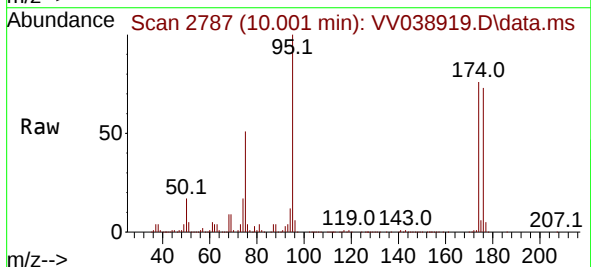
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

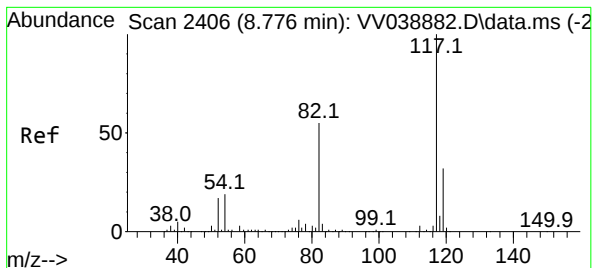
Tgt Ion:107 Resp: 139967
Ion Ratio Lower Upper
107 100
109 90.5 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 53.883 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 95 Resp: 415060
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.0
176 72.9 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

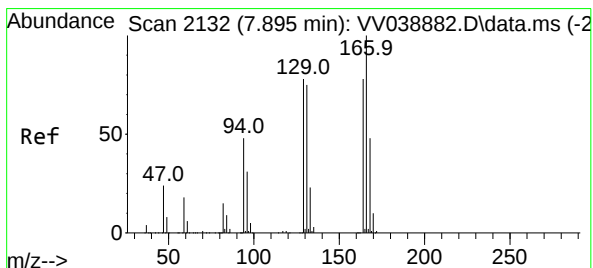
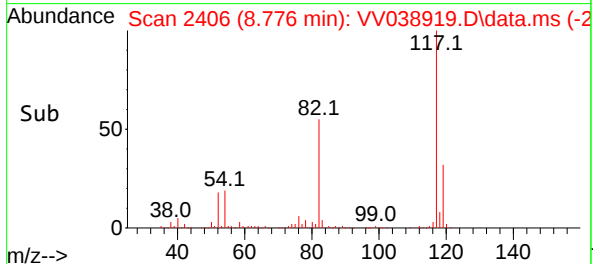
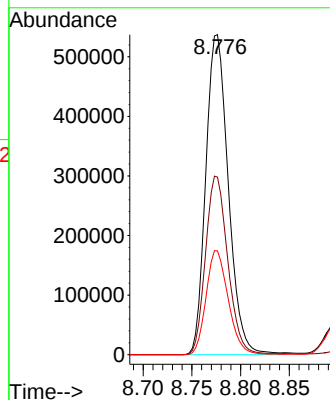
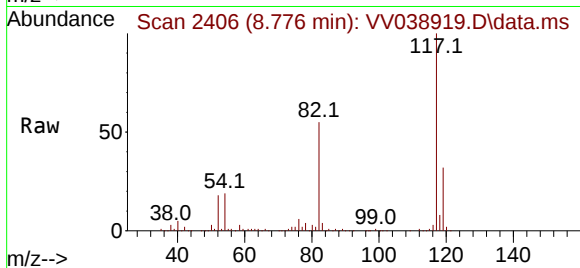
Tgt Ion:117 Resp: 864724

Ion Ratio Lower Upper

117 100

82 55.5 43.7 65.5

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 18.738 ug/l

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Tgt Ion:164 Resp: 106265

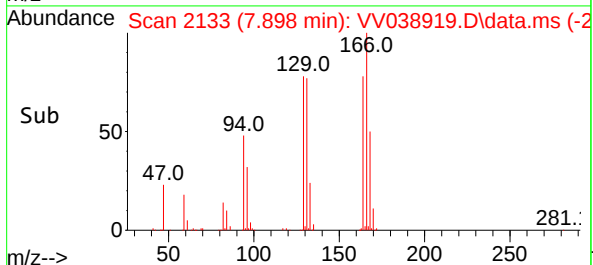
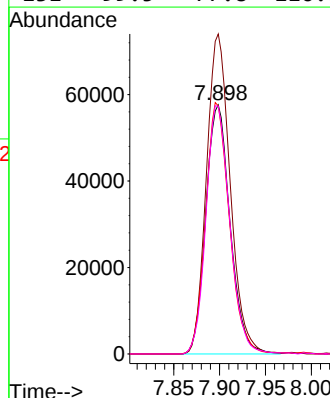
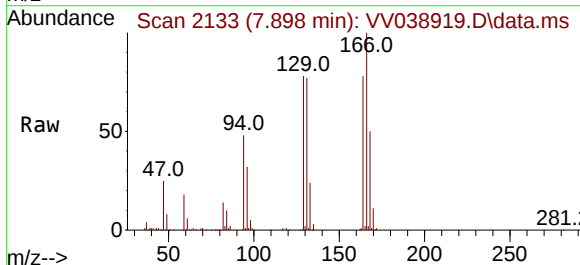
Ion Ratio Lower Upper

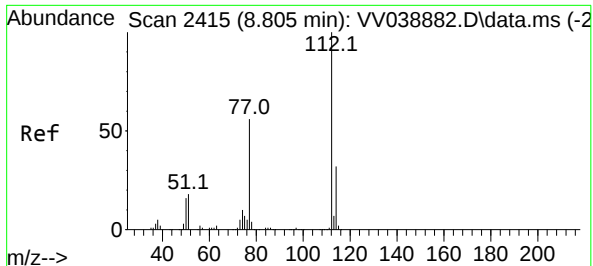
164 100

166 128.5 103.2 154.8

129 99.6 81.0 121.4

131 99.5 77.8 116.8

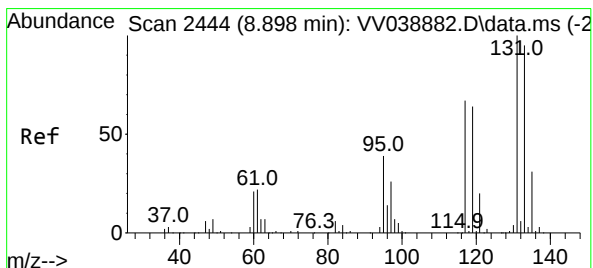
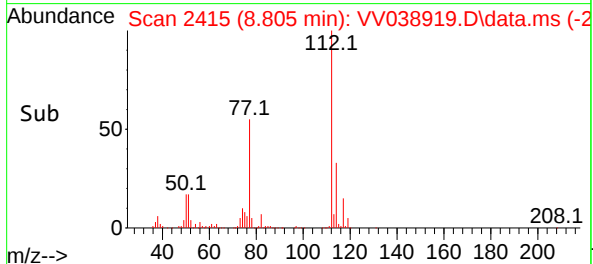
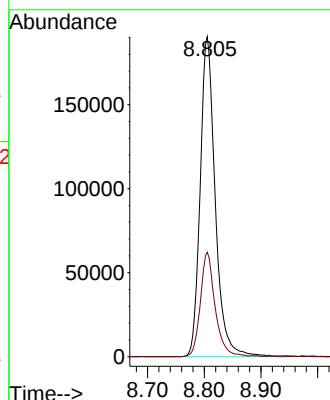
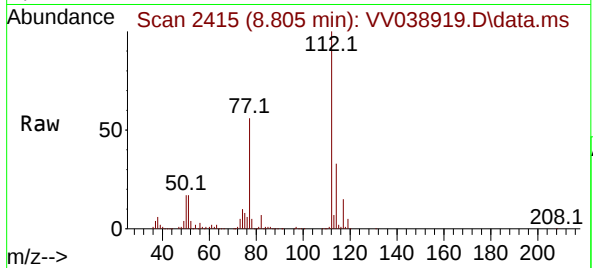




#65
Chlorobenzene
Concen: 18.599 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

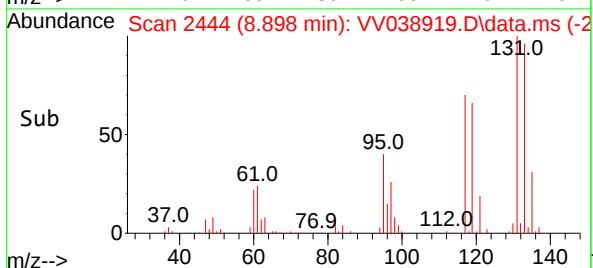
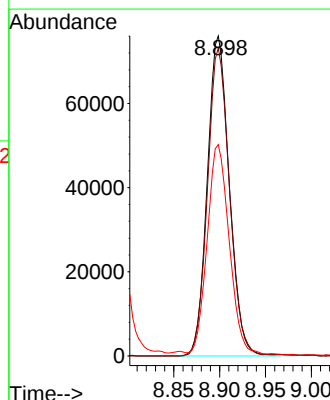
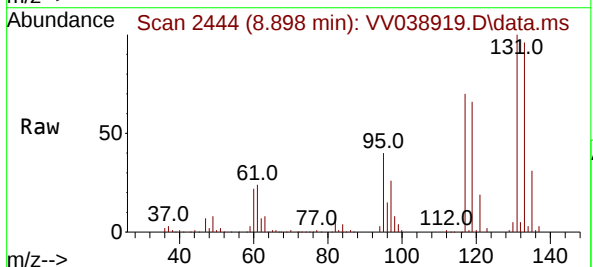
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

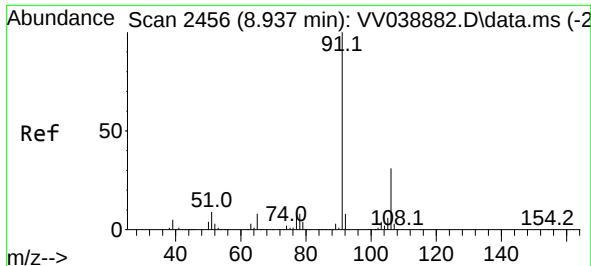
Tgt Ion:112 Resp: 351407
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 16.858 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion:131 Resp: 127024
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 65.1 32.0 96.2





#67

Ethyl Benzene

Concen: 19.980 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

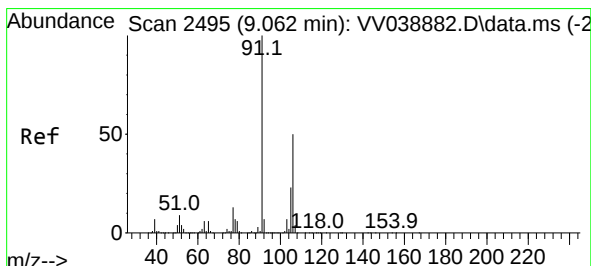
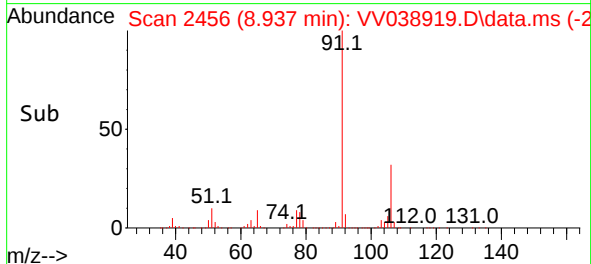
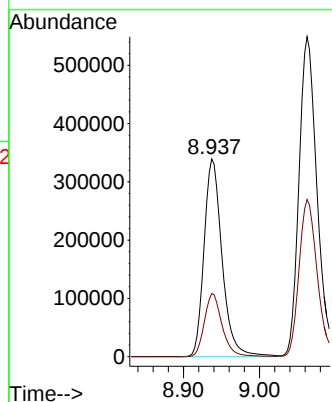
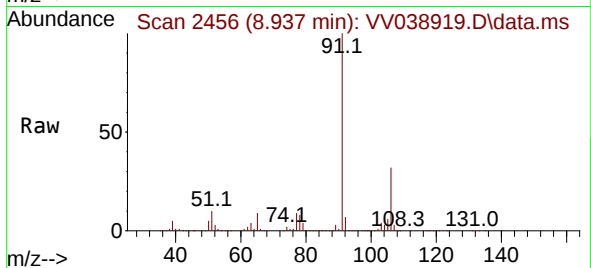
VV0718WBSD01

Tgt Ion: 91 Resp: 560549

Ion Ratio Lower Upper

91 100

106 31.9 24.8 37.2



#68

m/p-Xylenes

Concen: 41.272 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038919.D

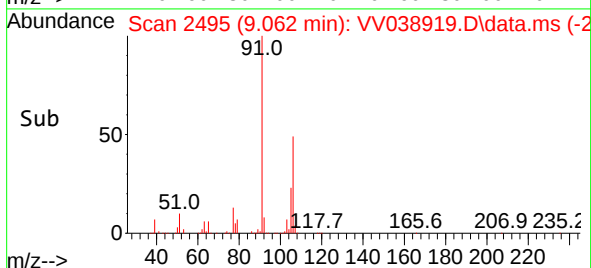
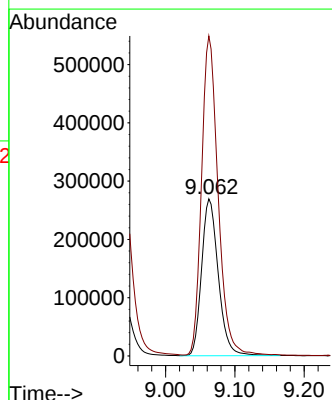
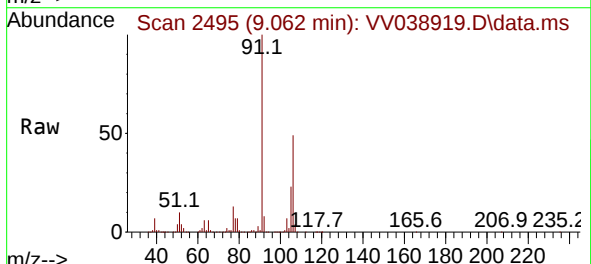
Acq: 18 Jul 2025 14:09

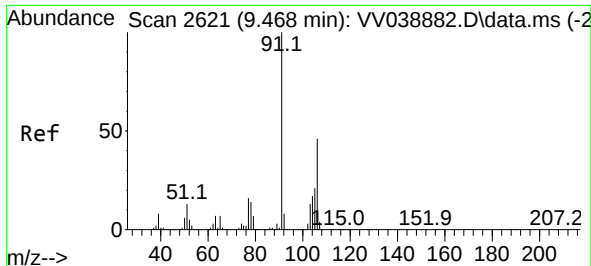
Tgt Ion:106 Resp: 450818

Ion Ratio Lower Upper

106 100

91 200.8 161.0 241.6

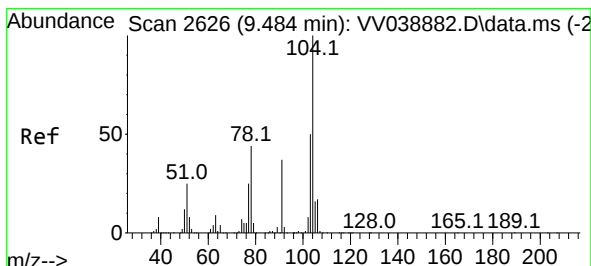
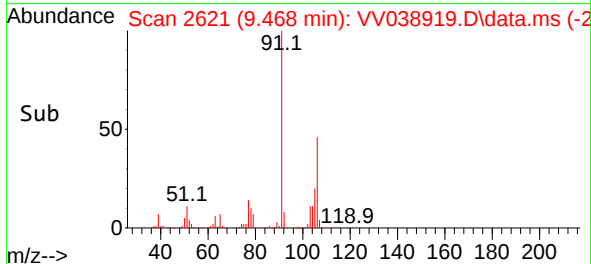
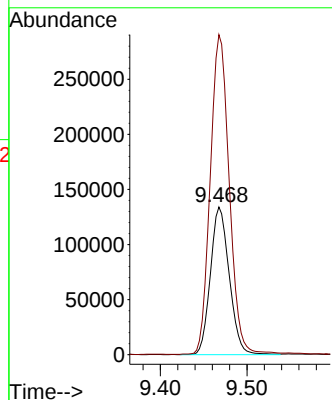
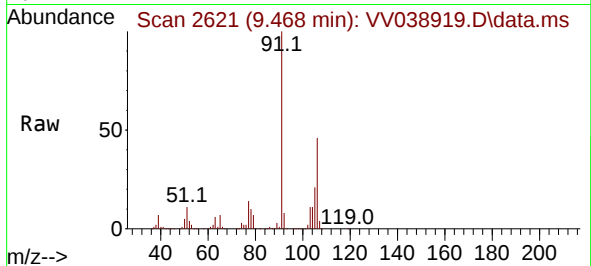




#69
o-Xylene
Concen: 19.680 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

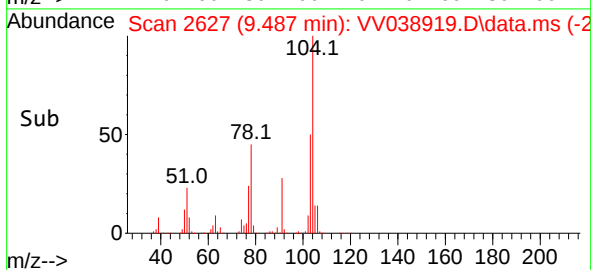
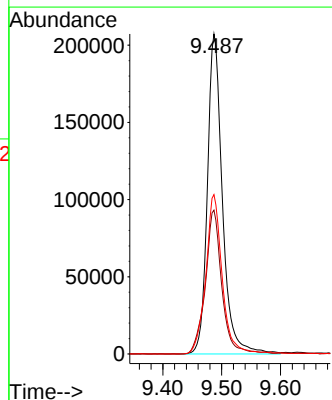
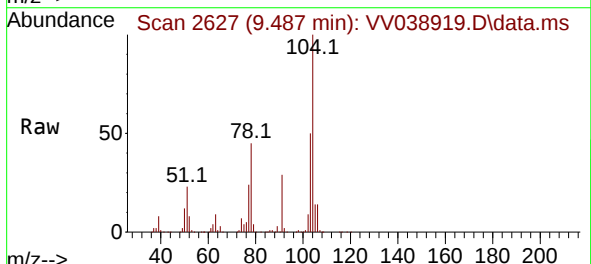
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

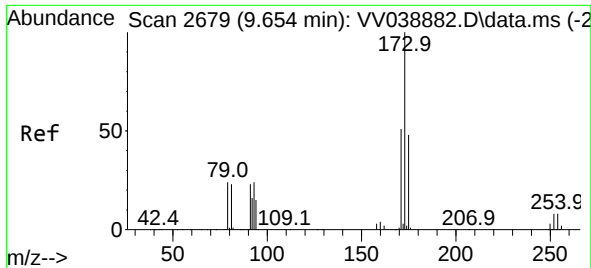
Tgt Ion:106 Resp: 202897
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.6



#70
Styrene
Concen: 20.250 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion:104 Resp: 368994
Ion Ratio Lower Upper
104 100
78 49.0 39.9 59.9
103 54.4 43.4 65.2

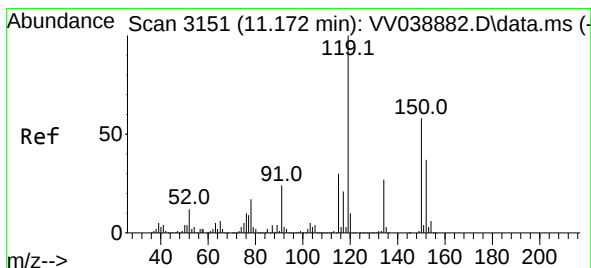
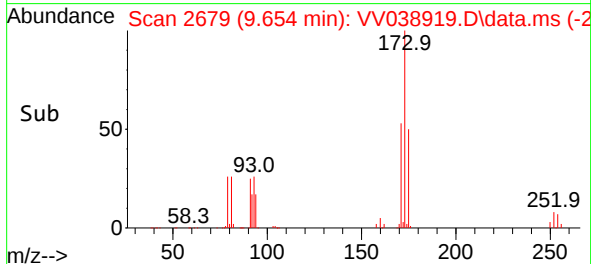
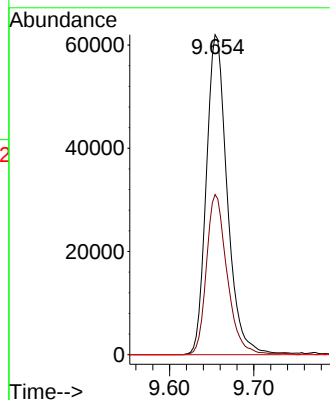
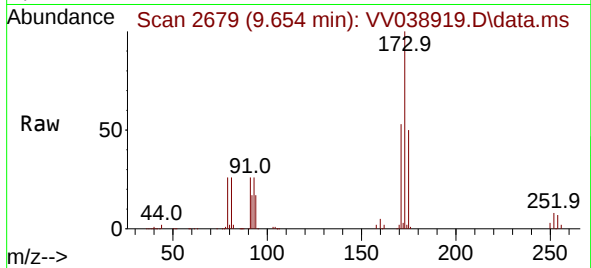




#71
Bromoform
Concen: 17.471 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

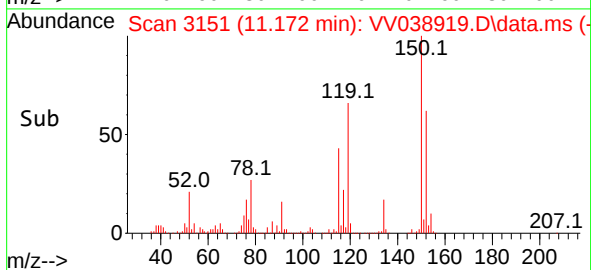
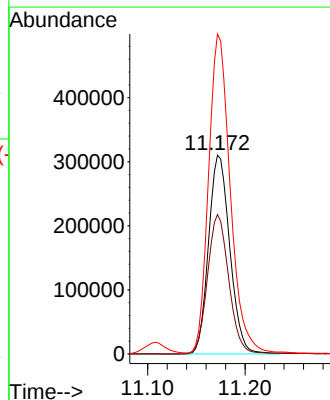
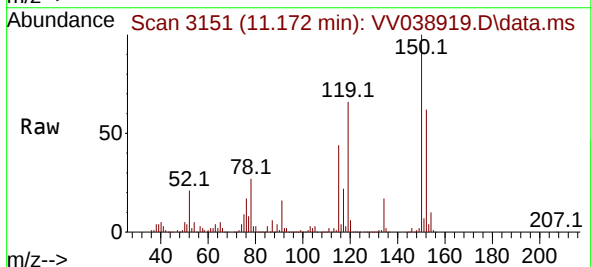
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

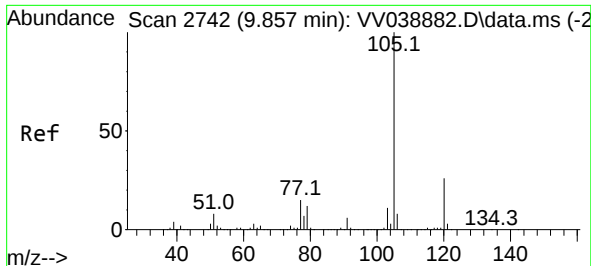
Tgt Ion:173 Resp: 107005
Ion Ratio Lower Upper
173 100
175 49.4 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion:152 Resp: 470411
Ion Ratio Lower Upper
152 100
115 70.3 41.8 125.4
150 165.3 0.0 342.4

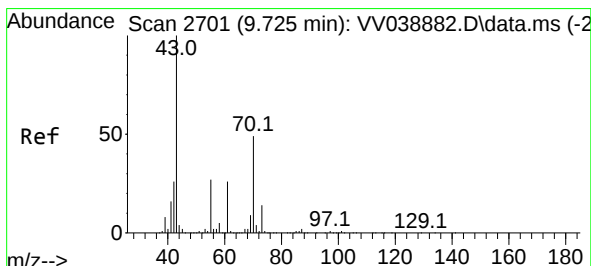
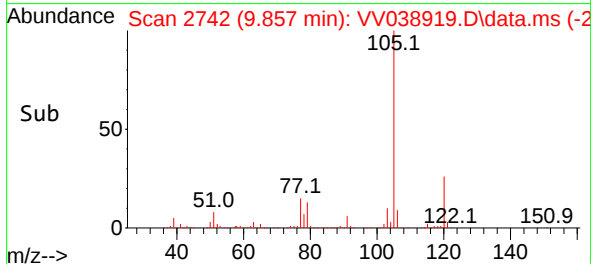
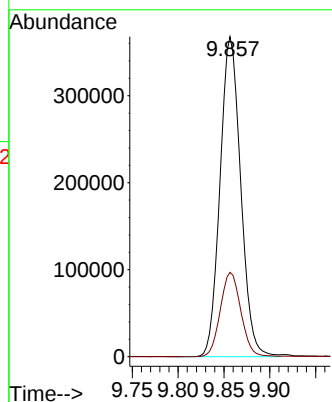
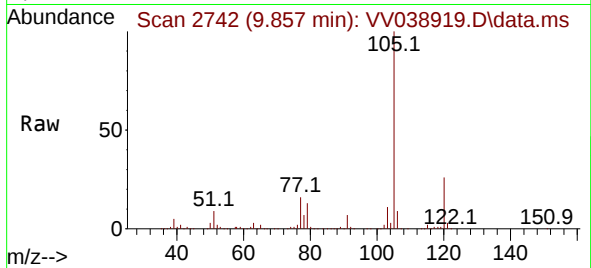




#73
Isopropylbenzene
Concen: 20.490 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

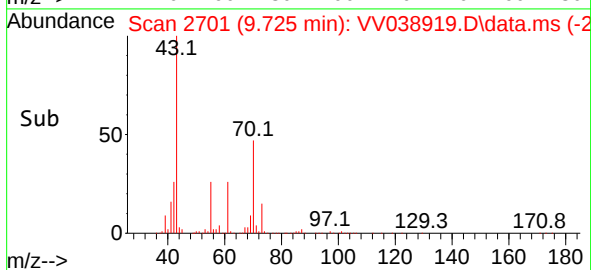
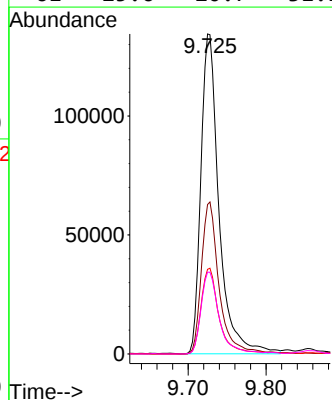
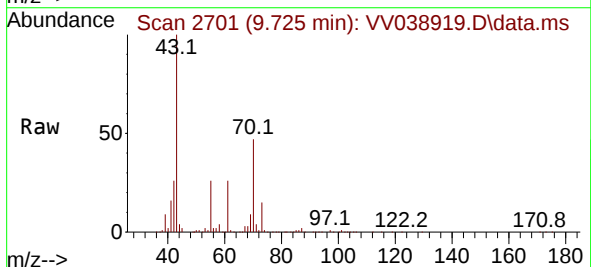
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

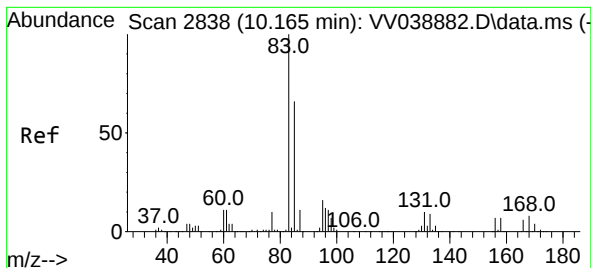
Tgt Ion:105 Resp: 575932
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7



#74
N-ethyl acetate
Concen: 21.046 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 43 Resp: 216692
Ion Ratio Lower Upper
43 100
70 46.8 38.6 58.0
55 26.5 21.8 32.8
61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.583 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

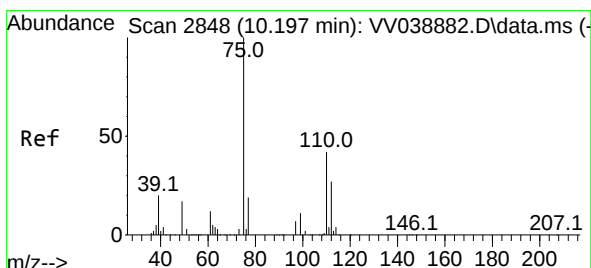
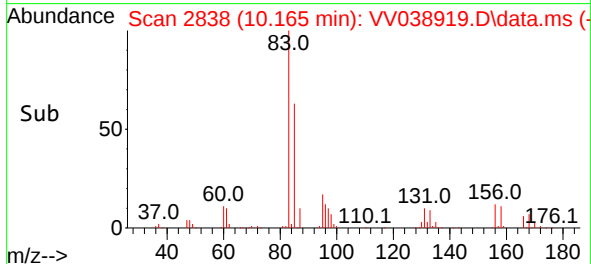
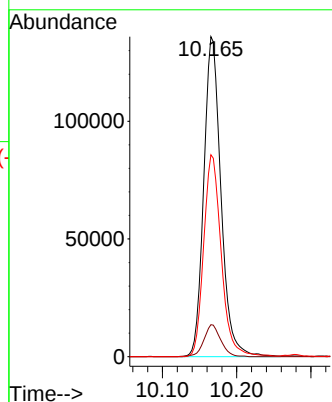
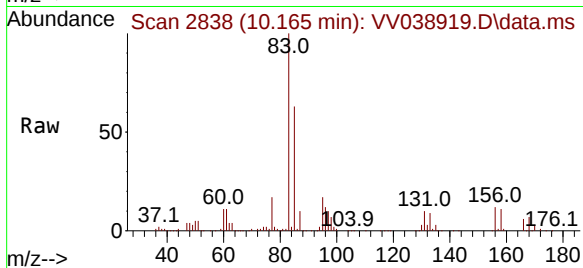
Tgt Ion: 83 Resp: 218780

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.4

85 64.4 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 18.196 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038919.D

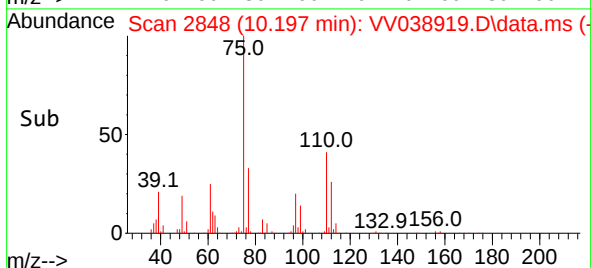
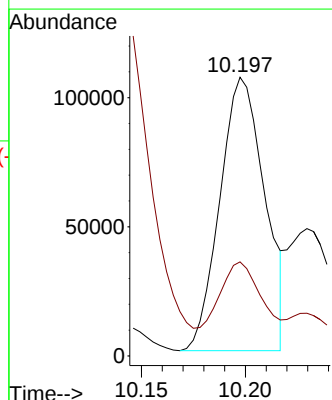
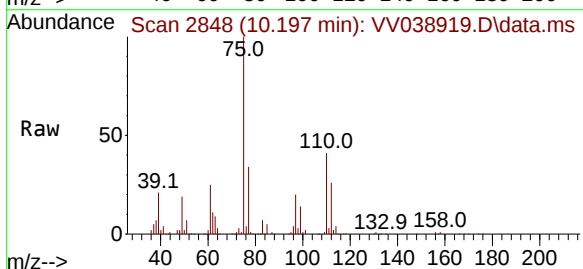
Acq: 18 Jul 2025 14:09

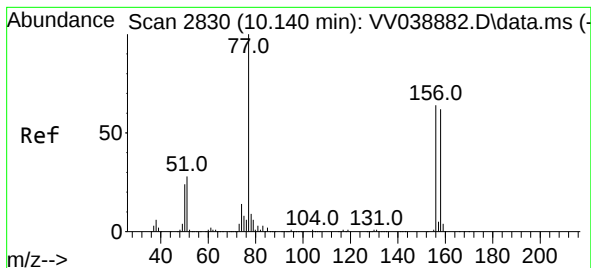
Tgt Ion: 75 Resp: 159146

Ion Ratio Lower Upper

75 100

77 21.1 17.4 52.3





#77

Bromobenzene

Concen: 19.506 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

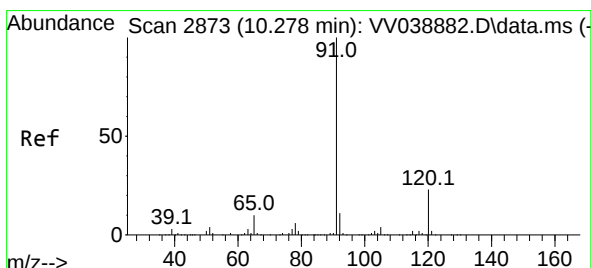
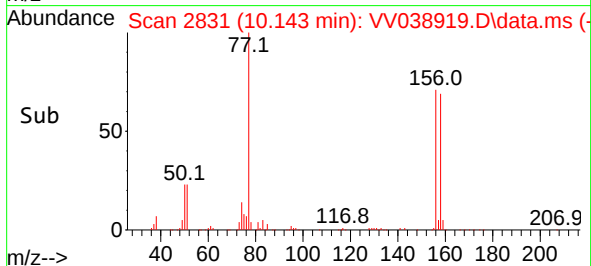
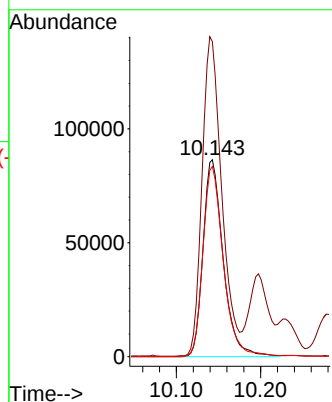
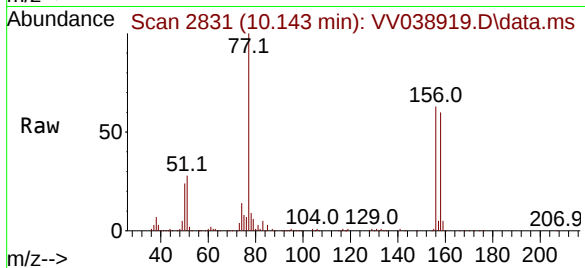
Tgt Ion:156 Resp: 143818

Ion Ratio Lower Upper

156 100

77 157.9 77.2 231.6

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.955 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038919.D

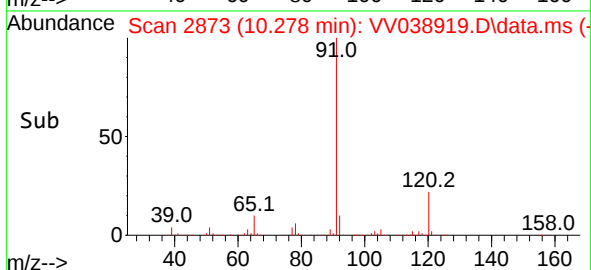
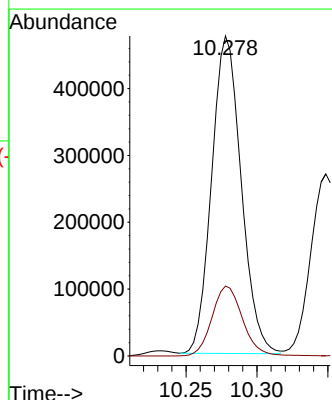
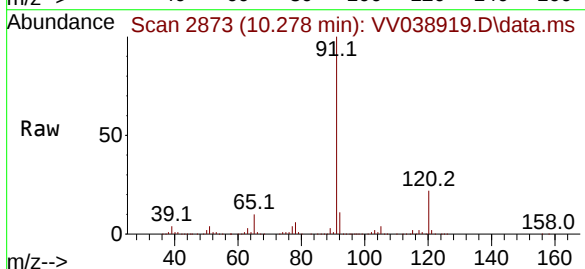
Acq: 18 Jul 2025 14:09

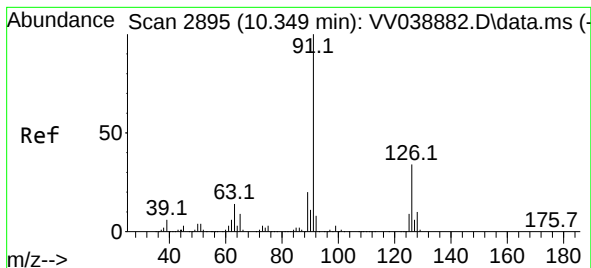
Tgt Ion: 91 Resp: 688376

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.326 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

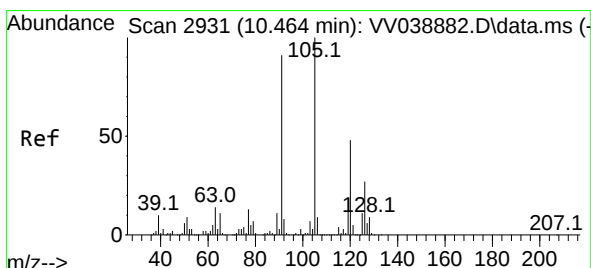
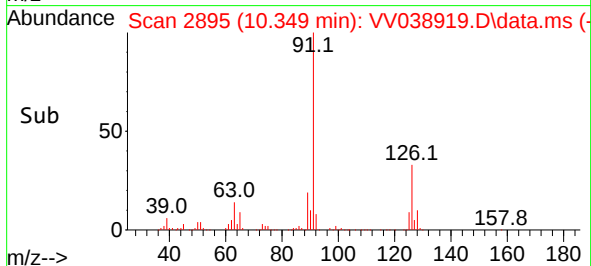
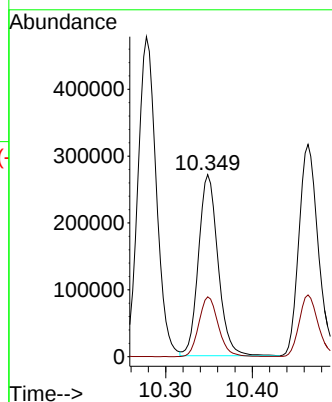
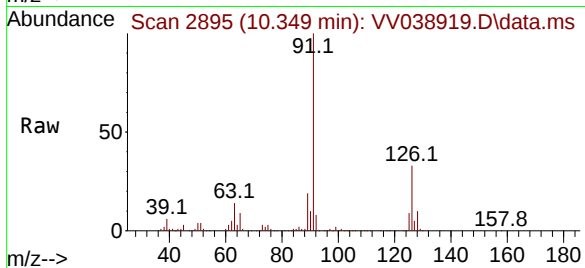
VV0718WBSD01

Tgt Ion: 91 Resp: 424652

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 21.210 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV038919.D

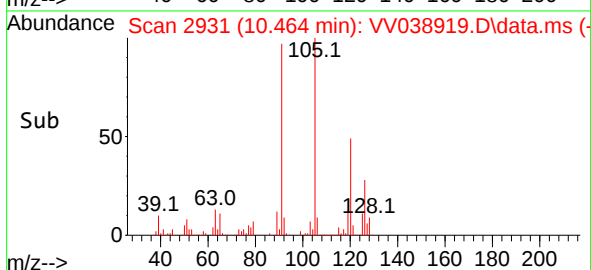
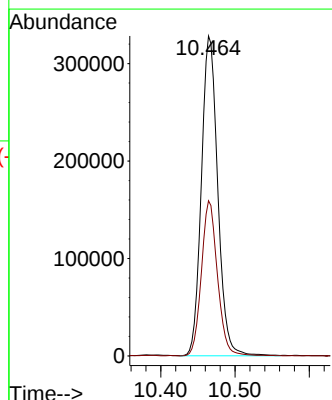
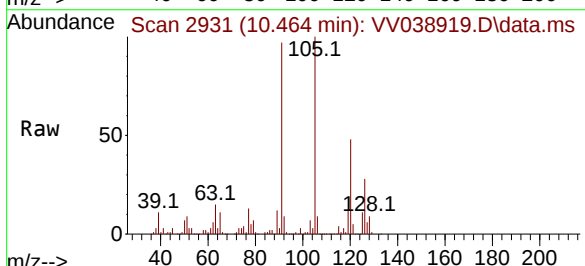
Acq: 18 Jul 2025 14:09

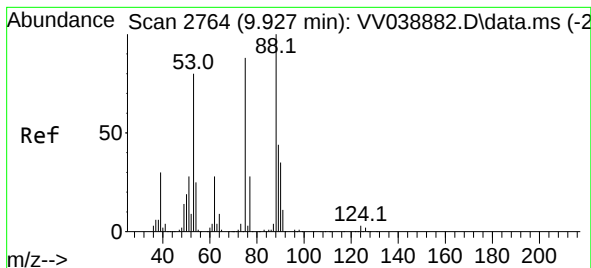
Tgt Ion: 105 Resp: 502741

Ion Ratio Lower Upper

105 100

120 47.6 24.0 72.0

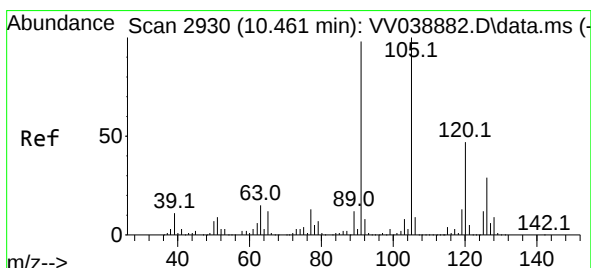
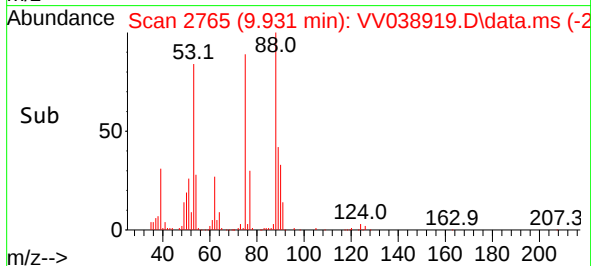
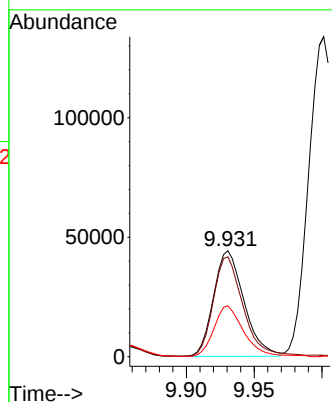
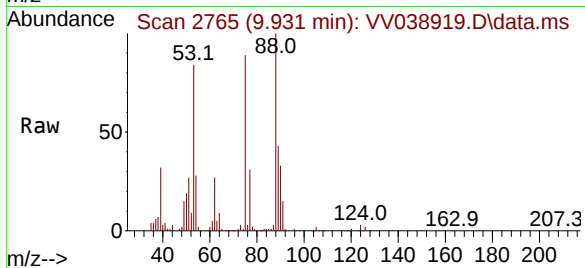




#81
trans-1,4-Dichloro-2-butene
Concen: 19.254 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

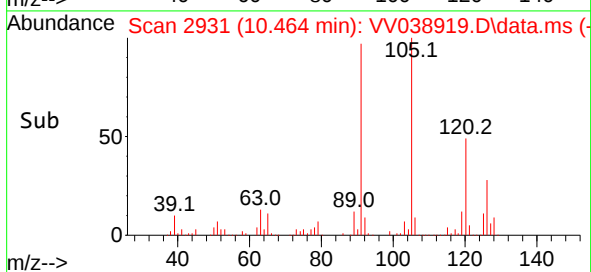
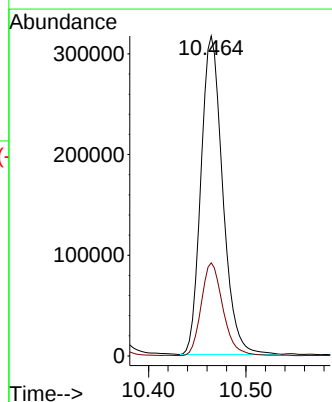
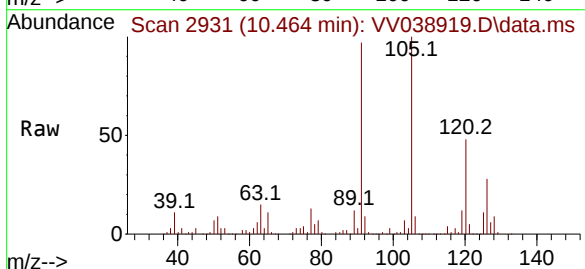
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

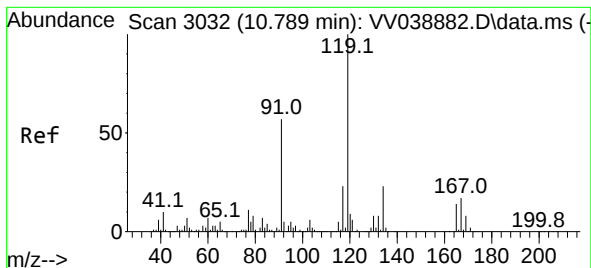
Tgt Ion: 75 Resp: 69006
Ion Ratio Lower Upper
75 100
53 93.0 71.3 106.9
89 47.5 42.2 63.2



#82
4-Chlorotoluene
Concen: 20.992 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 91 Resp: 490240
Ion Ratio Lower Upper
91 100
126 28.9 14.9 44.9





#83

tert-Butylbenzene

Concen: 19.256 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

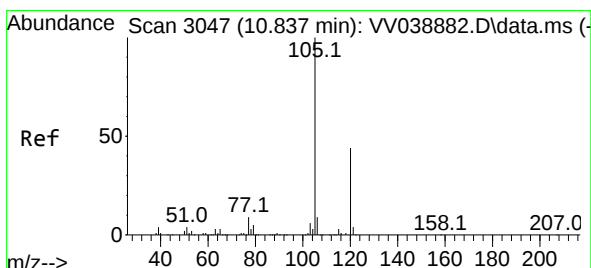
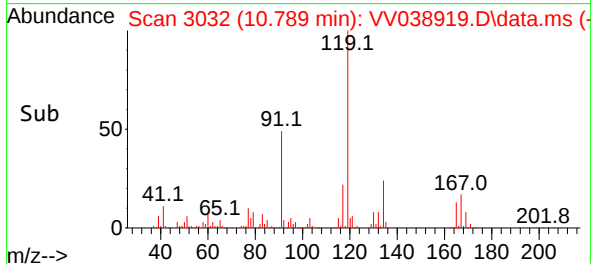
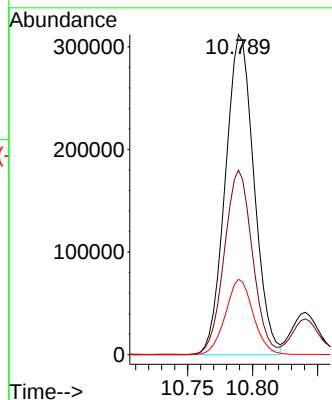
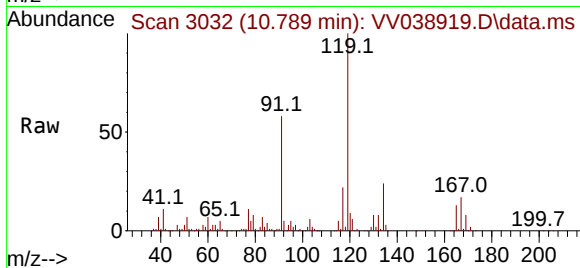
Tgt Ion:119 Resp: 478549

Ion Ratio Lower Upper

119 100

91 56.4 28.1 84.2

134 22.9 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 21.084 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038919.D

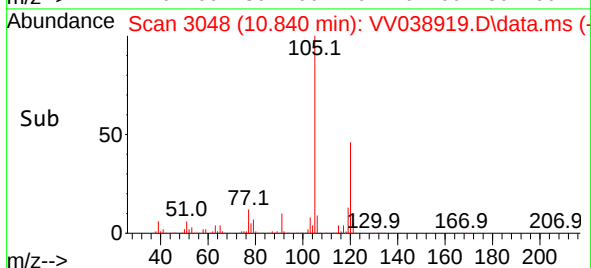
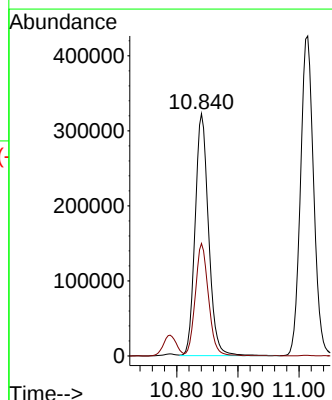
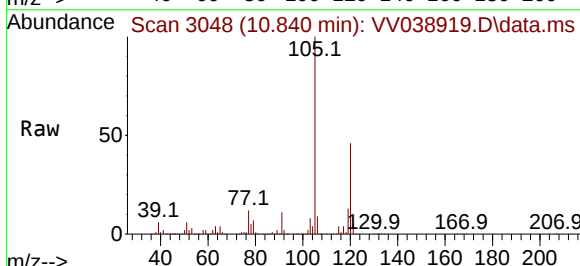
Acq: 18 Jul 2025 14:09

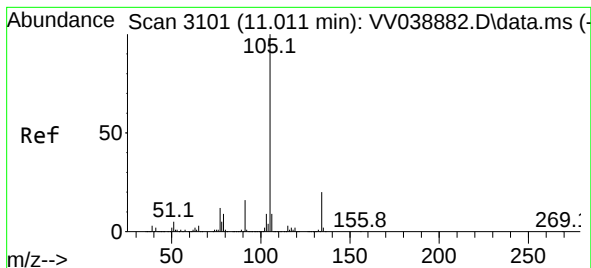
Tgt Ion:105 Resp: 491740

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.070 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

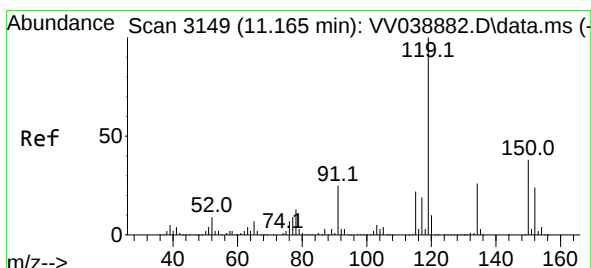
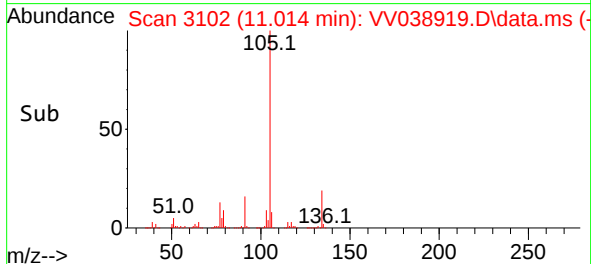
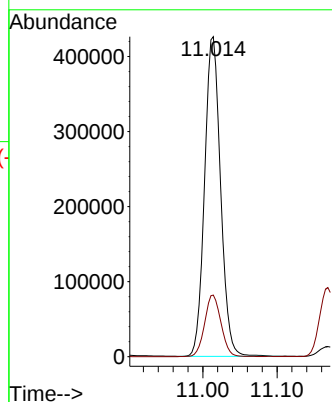
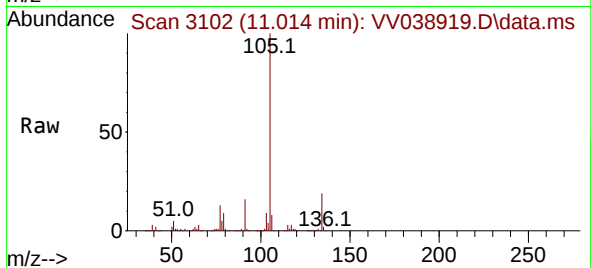
VV0718WBSD01

Tgt Ion:105 Resp: 636582

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.999 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

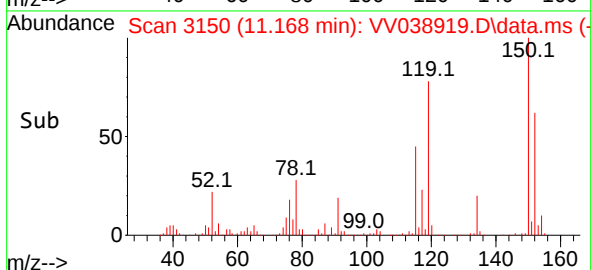
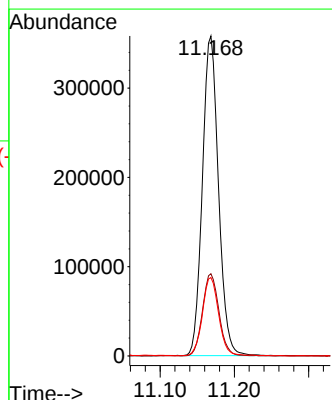
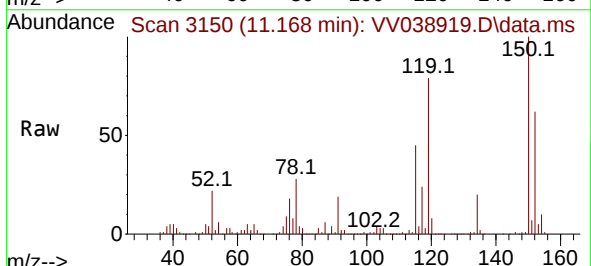
Tgt Ion:119 Resp: 538565

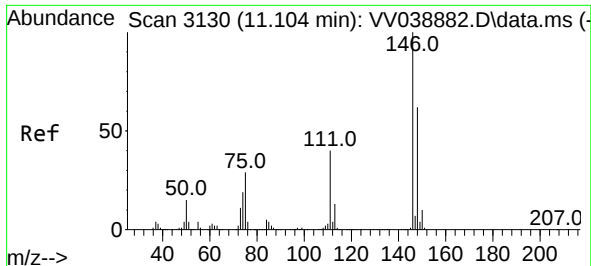
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.5 12.3 36.8

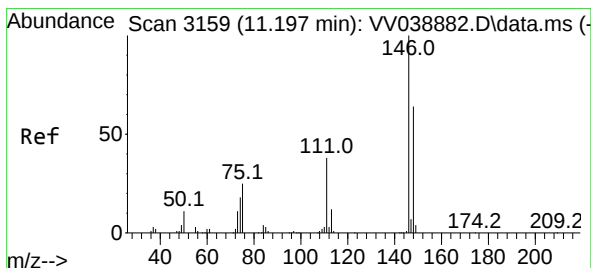
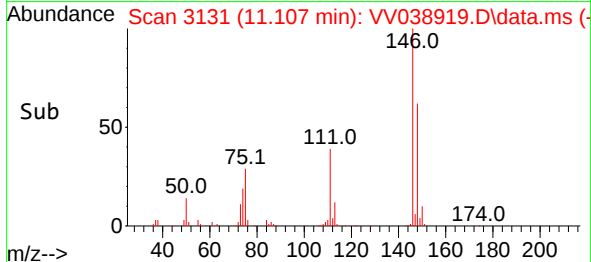
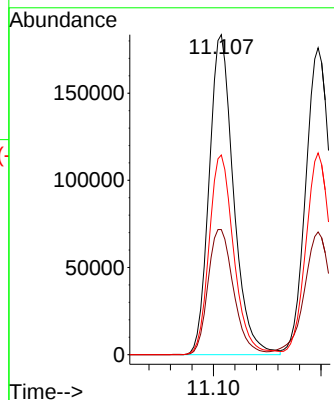
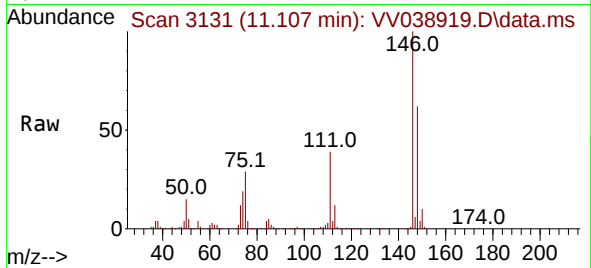




#87
1,3-Dichlorobenzene
Concen: 19.220 ug/l
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

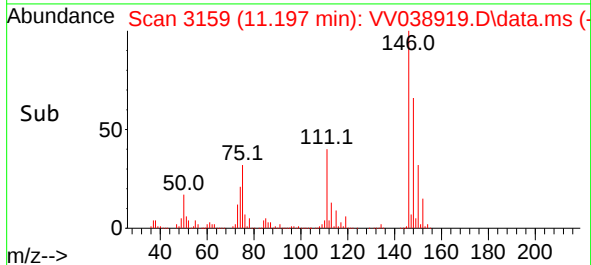
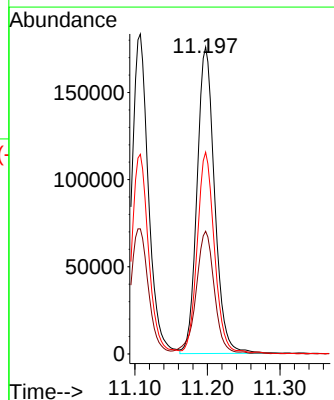
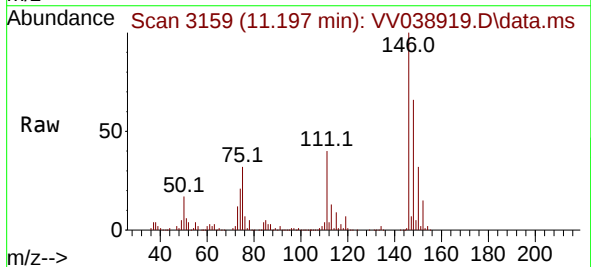
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

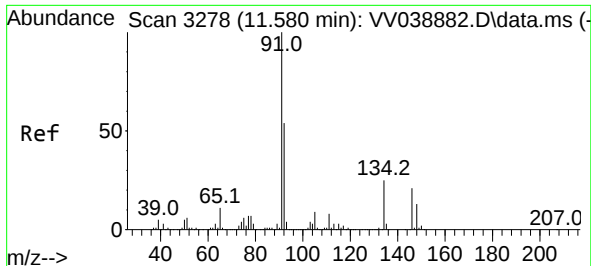
Tgt Ion:146 Resp: 289261
Ion Ratio Lower Upper
146 100
111 40.7 20.2 60.5
148 63.3 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 18.084 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion:146 Resp: 296054
Ion Ratio Lower Upper
146 100
111 41.3 19.8 59.3
148 63.6 32.1 96.5

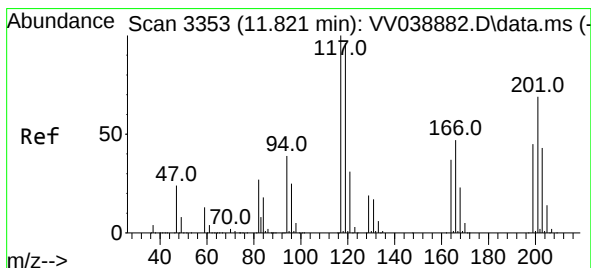
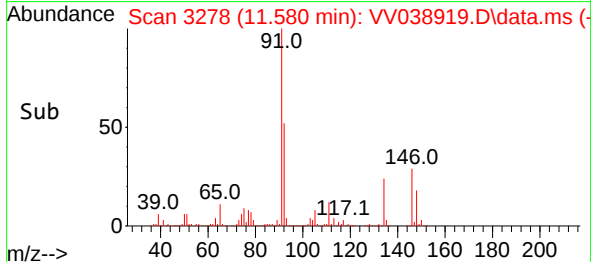
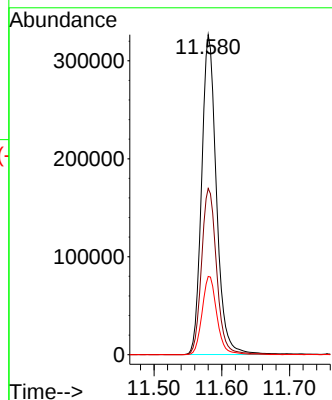
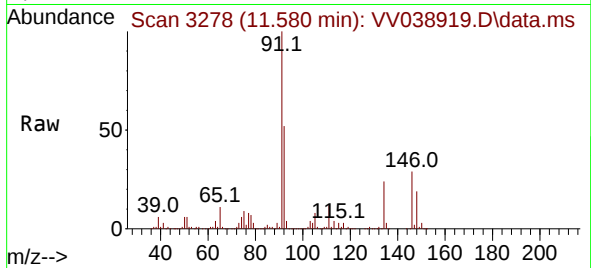




#89
n-Butylbenzene
Concen: 20.193 ug/l
RT: 11.580 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

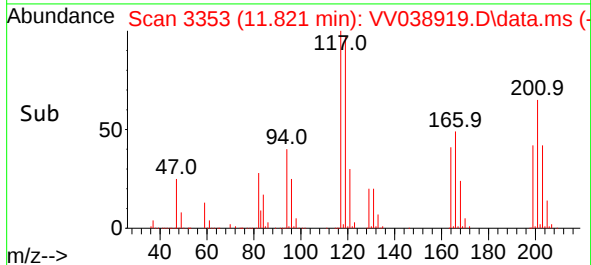
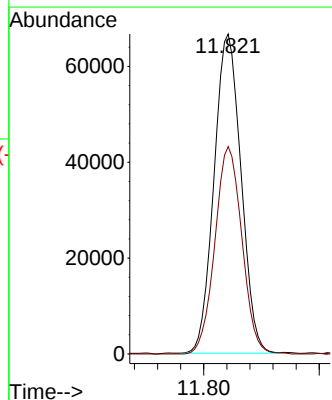
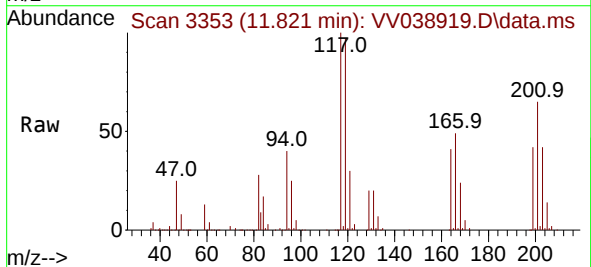
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

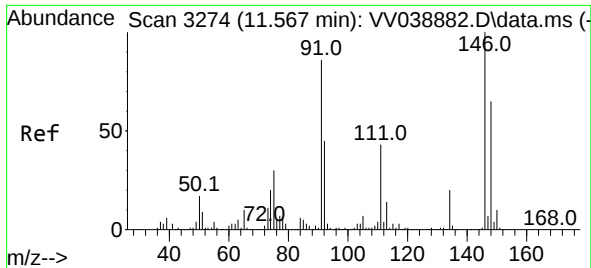
Tgt Ion: 91 Resp: 496411
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 24.4 12.7 38.1



#90
Hexachloroethane
Concen: 16.854 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 117 Resp: 107949
Ion Ratio Lower Upper
117 100
201 65.0 34.0 102.0

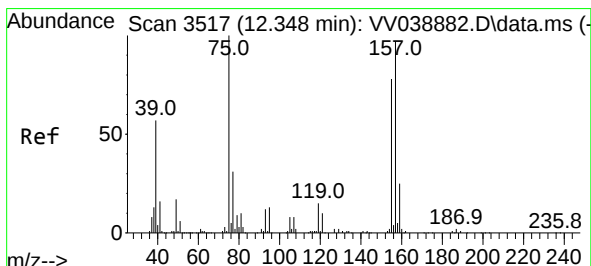
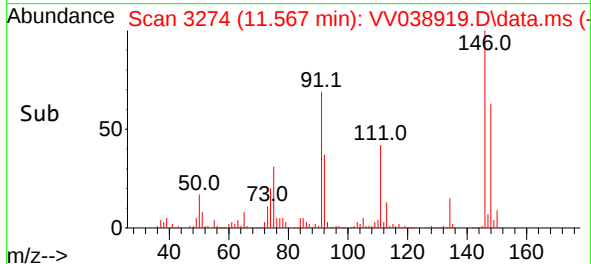
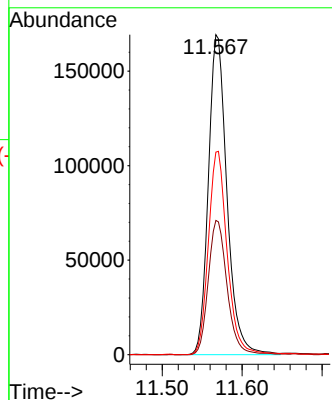
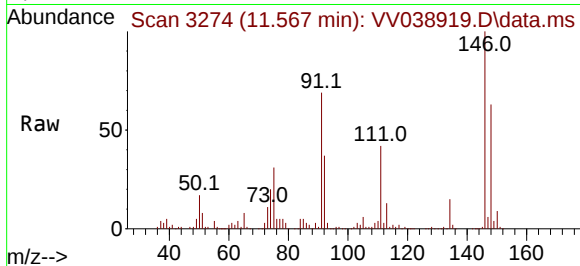




#91
1,2-Dichlorobenzene
Concen: 18.744 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

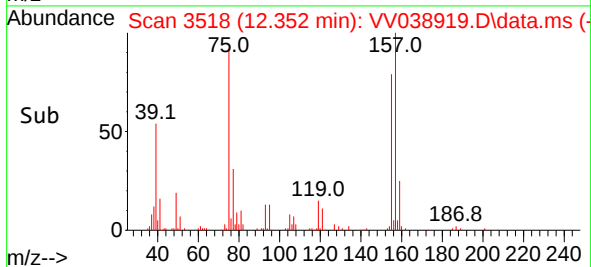
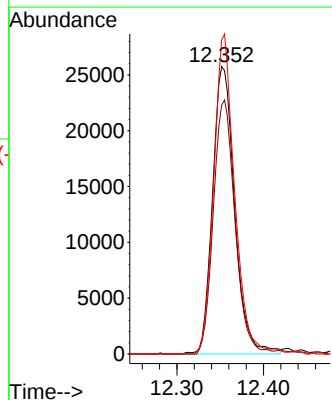
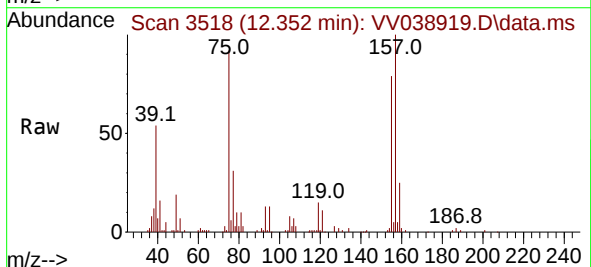
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBSD01

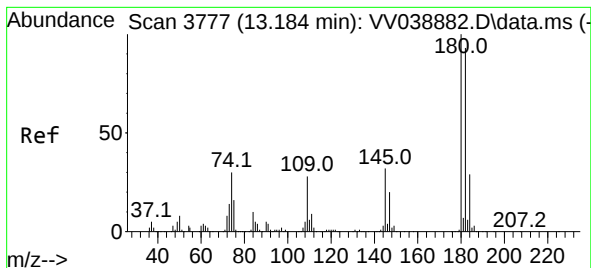
Tgt Ion:146 Resp: 273840
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 64.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.160 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038919.D
Acq: 18 Jul 2025 14:09

Tgt Ion: 75 Resp: 45676
Ion Ratio Lower Upper
75 100
155 86.5 40.2 120.6
157 105.1 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 19.258 ug/l

RT: 13.184 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

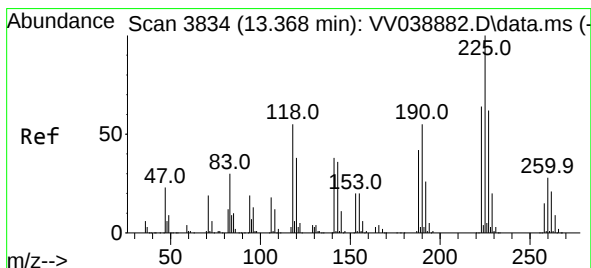
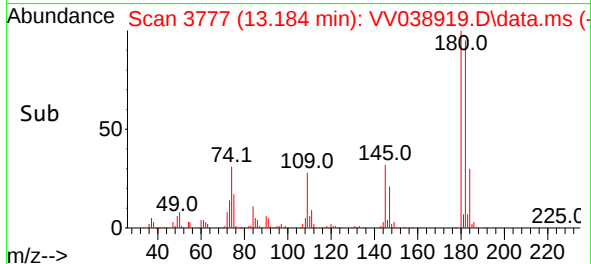
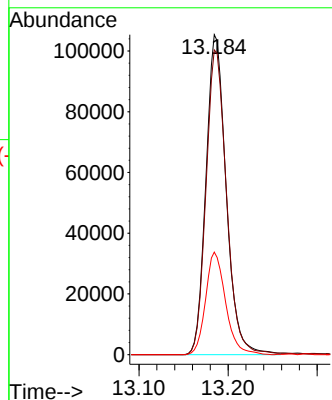
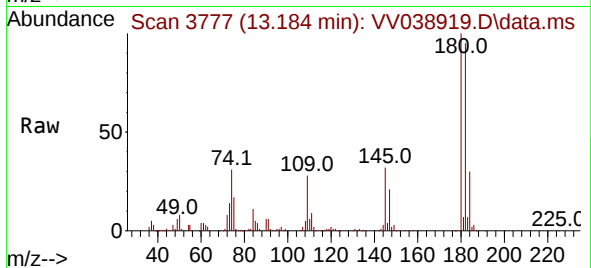
Tgt Ion:180 Resp: 166079

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.3

145 31.7 16.2 48.6



#94

Hexachlorobutadiene

Concen: 17.340 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

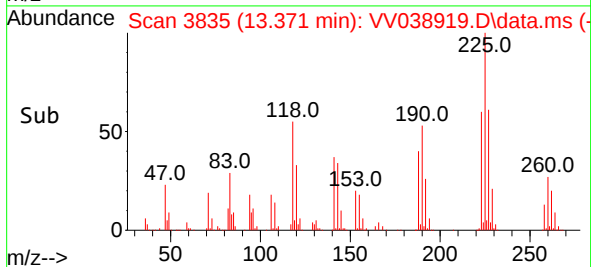
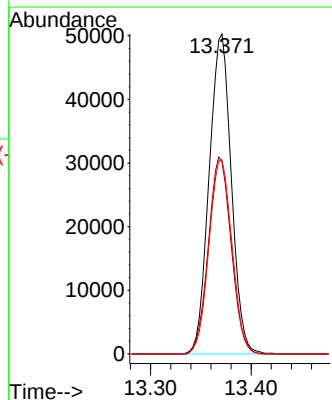
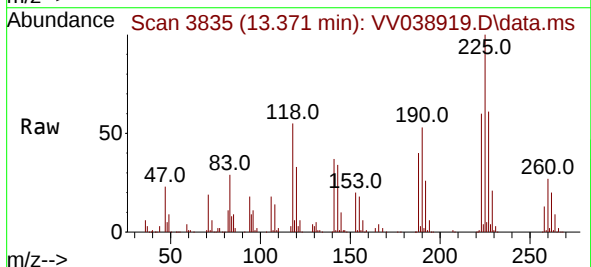
Tgt Ion:225 Resp: 77008

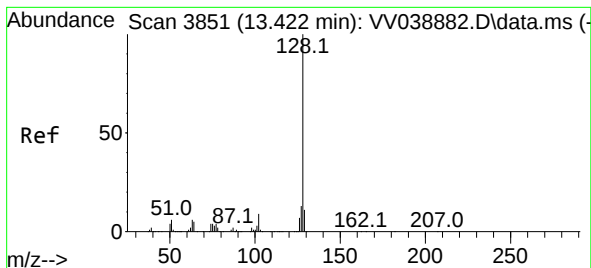
Ion Ratio Lower Upper

225 100

223 63.2 32.4 97.2

227 63.1 31.3 93.9





#95

Naphthalene

Concen: 19.852 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.003 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBSD01

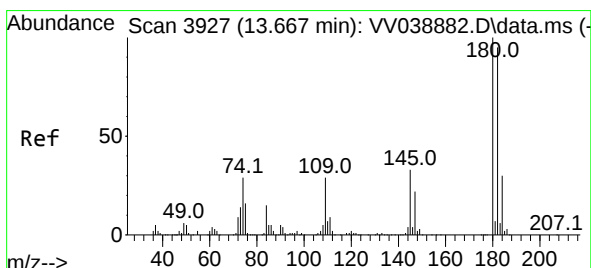
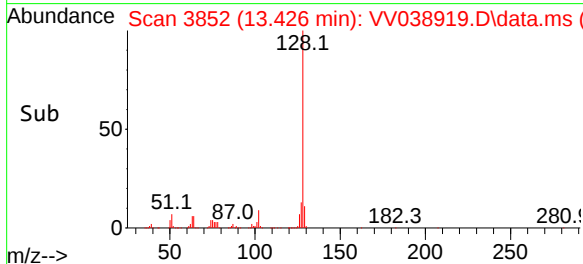
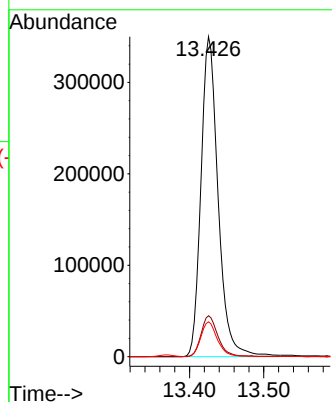
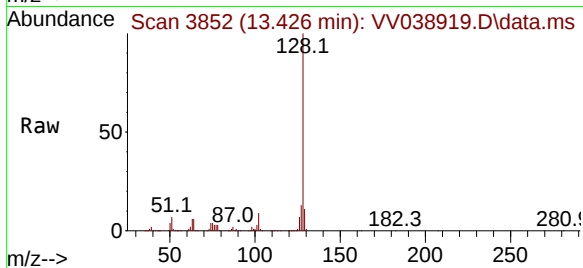
Tgt Ion:128 Resp: 562496

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.708 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038919.D

Acq: 18 Jul 2025 14:09

Tgt Ion:180 Resp: 176165

Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.2

145 33.5 17.0 51.0

