

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039238.D
 Acq On : 29 Sep 2025 17:38
 Operator : SY/MD
 Sample : Q3195-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 01:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	540727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	801849	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	776445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	497049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	338268	43.224	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	86.440%
35) Dibromofluoromethane	4.500	113	330222	51.227	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.460%
50) Toluene-d8	7.236	98	924513	48.832	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.660%
62) 4-Bromofluorobenzene	10.001	95	442703	56.800	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	113.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	409233	47.809	ug/l	99
3) Chloromethane	1.227	50	374091	40.711	ug/l	99
4) Vinyl Chloride	1.294	62	424340	43.135	ug/l	100
5) Bromomethane	1.494	94	277351	44.723	ug/l	100
6) Chloroethane	1.558	64	268225	46.029	ug/l	100
7) Trichlorofluoromethane	1.725	101	640051	44.938	ug/l	100
8) Diethyl Ether	1.918	74	245588	46.448	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	400444	47.252	ug/l	97
10) Methyl Iodide	2.195	142	450189	55.784	ug/l	99
11) Tert butyl alcohol	2.571	59	421033	254.549	ug/l	99
12) 1,1-Dichloroethene	2.082	96	372736	45.719	ug/l	92
13) Acrolein	2.008	56	51851	180.660	ug/l	93
14) Allyl chloride	2.355	41	622696	42.759	ug/l	97
15) Acrylonitrile	2.674	53	1186396	223.752	ug/l	98
16) Acetone	2.117	43	924673	187.048	ug/l	96
17) Carbon Disulfide	2.253	76	988393	39.641	ug/l	99
18) Methyl Acetate	2.378	43	554871	47.853	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1228842	47.301	ug/l	98
20) Methylene Chloride	2.455	84	423573	50.097	ug/l	93
21) trans-1,2-Dichloroethene	2.699	96	396720	45.709	ug/l	96
22) Diisopropyl ether	3.217	45	1219843	43.780	ug/l	98
23) Vinyl Acetate	3.188	43	5263028	215.924	ug/l	97
24) 1,1-Dichloroethane	3.117	63	736796	43.241	ug/l	98
25) 2-Butanone	3.867	43	1389008	221.647	ug/l	97
26) 2,2-Dichloropropane	3.809	77	563462	37.295	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	458098	47.857	ug/l	95
28) Bromochloromethane	4.146	49	339370	45.116	ug/l	90
29) Tetrahydrofuran	4.240	42	926118	236.103	ug/l	96
30) Chloroform	4.278	83	764253	42.953	ug/l	100
31) Cyclohexane	4.584	56	541266	38.778	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	670890	43.554	ug/l	97
36) 1,1-Dichloropropene	4.741	75	477402	48.984	ug/l	98
37) Ethyl Acetate	3.976	43	541921	45.824	ug/l	96
38) Carbon Tetrachloride	4.735	117	564742	47.413	ug/l	98
39) Methylcyclohexane	6.047	83	537787	45.693	ug/l	97
40) Benzene	5.008	78	1558660	49.112	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	254239	47.642	ug/l	96
42) 1,2-Dichloroethane	5.040	62	524185	47.139	ug/l	98
43) Isopropyl Acetate	5.195	43	801758	49.723	ug/l	96
44) Trichloroethene	5.831	130	426325	58.214	ug/l	100
45) 1,2-Dichloropropane	6.088	63	398845	50.561	ug/l	97
46) Dibromomethane	6.223	93	306161	50.709	ug/l	96
47) Bromodichloromethane	6.426	83	604268	48.412	ug/l	98
48) Methyl methacrylate	6.297	41	387316	52.989	ug/l	96
49) 1,4-Dioxane	6.291	88	136656	1158.527	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	2894765	272.884	ug/l	98
52) Toluene	7.307	92	987839	53.684	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	576616	53.009	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	578415	48.168	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	424550	51.456	ug/l	97
56) Ethyl methacrylate	7.715	69	582543	59.454	ug/l	94
57) 1,3-Dichloropropane	7.934	76	665587	51.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.844	63	172	9.653	ug/l #	47
59) 2-Hexanone	8.063	43	2155011	251.657	ug/l	97
60) Dibromochloromethane	8.169	129	494699	52.620	ug/l	98
61) 1,2-Dibromoethane	8.272	107	448069	53.102	ug/l	99
64) Tetrachloroethene	7.895	164	336355	51.720	ug/l	98
65) Chlorobenzene	8.805	112	1088354	50.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	408617	52.289	ug/l	99
67) Ethyl Benzene	8.937	91	1804937	55.133	ug/l	100
68) m/p-Xylenes	9.063	106	1480331	117.156	ug/l	99
69) o-Xylene	9.468	106	651457	58.228	ug/l	99
70) Styrene	9.484	104	1236246	52.111	ug/l	99
71) Bromoform	9.654	173	348675	57.122	ug/l	100
73) Isopropylbenzene	9.857	105	1794634	49.780	ug/l	100
74) N-amyl acetate	9.725	43	730955	50.831	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	685760	43.414	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	513184	45.346	ug/l	98
77) Bromobenzene	10.140	156	458429	49.012	ug/l	96
78) n-propylbenzene	10.278	91	2161429	49.233	ug/l	98
79) 2-Chlorotoluene	10.349	91	1313750	50.010	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1550730	51.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	224474	47.618	ug/l	98
82) 4-Chlorotoluene	10.461	91	1565365	51.389	ug/l	99
83) tert-Butylbenzene	10.789	119	1467159	49.102	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1534040	52.732	ug/l	98
85) sec-Butylbenzene	11.011	105	1857611	46.872	ug/l	99
86) p-Isopropyltoluene	11.165	119	1582644	47.979	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	913700	48.268	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	951037	45.793	ug/l	99
89) n-Butylbenzene	11.580	91	1481352	47.022	ug/l	99
90) Hexachloroethane	11.821	117	329035	40.507	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	854599	48.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	144885	50.939	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	507400	50.049	ug/l	100
94) Hexachlorobutadiene	13.368	225	205155	38.945	ug/l	99
95) Naphthalene	13.422	128	1837825	56.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	525316	50.663	ug/l	100

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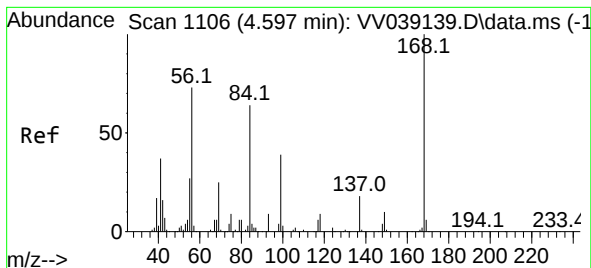
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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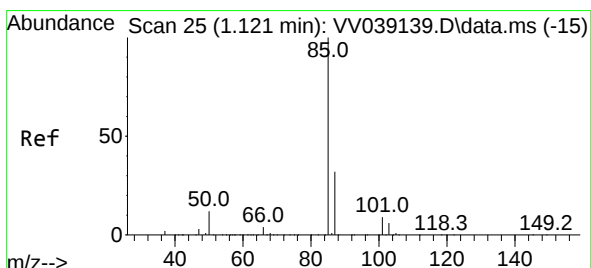
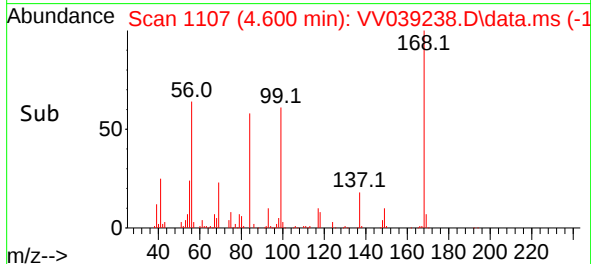
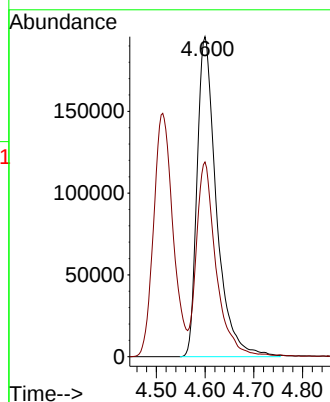
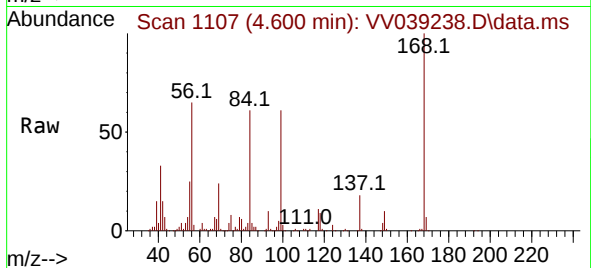




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039238.D
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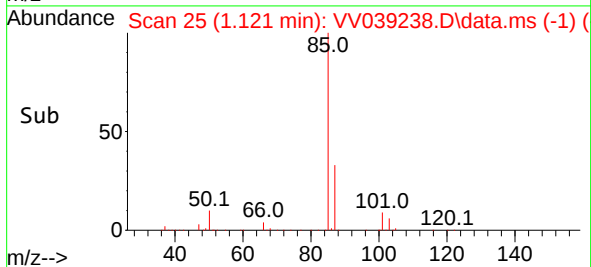
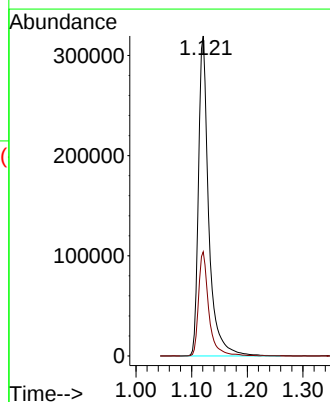
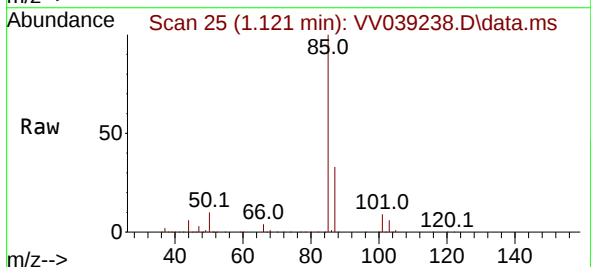
Instrument :
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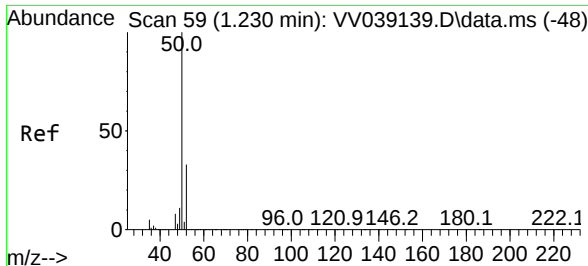
Tgt Ion:168 Resp: 540727
Ion Ratio Lower Upper
168 100
99 60.3 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 47.809 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 85 Resp: 409233
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

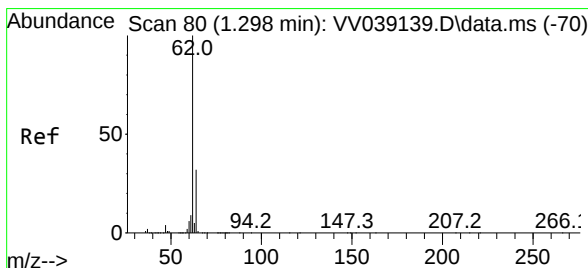
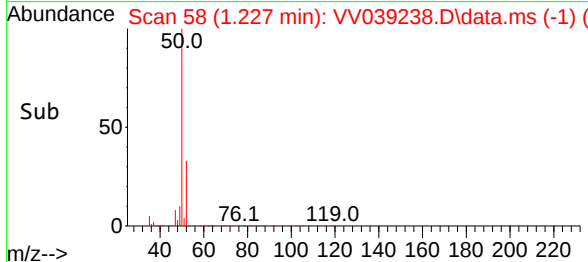
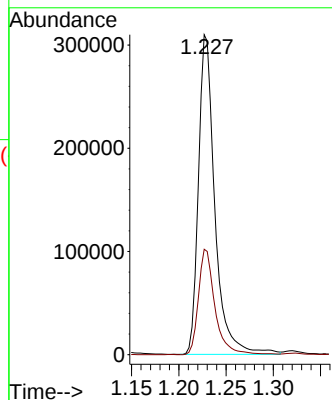
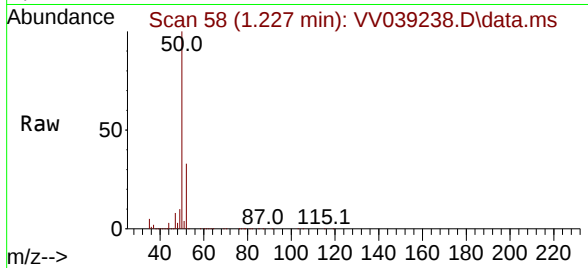




#3
Chloromethane
Concen: 40.711 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV039238.D
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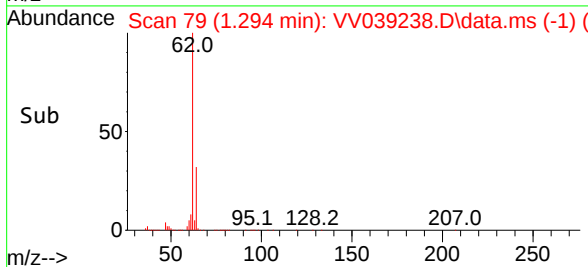
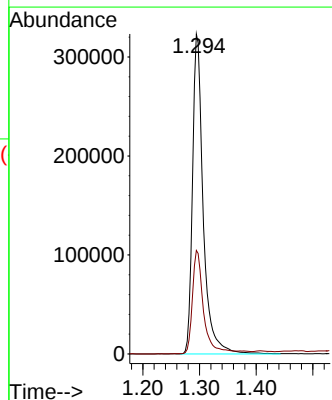
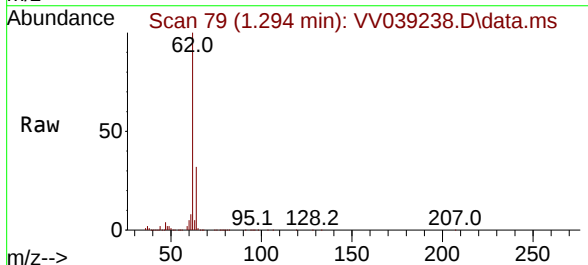
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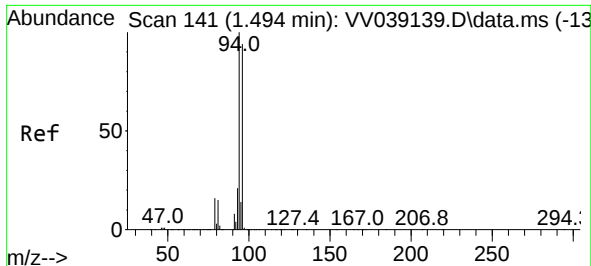
Tgt Ion: 50 Resp: 374091
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 43.135 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039238.D
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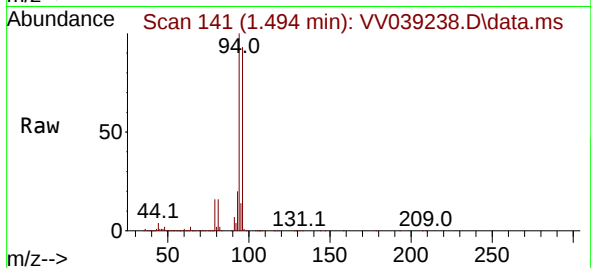
Tgt Ion: 62 Resp: 424340
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4



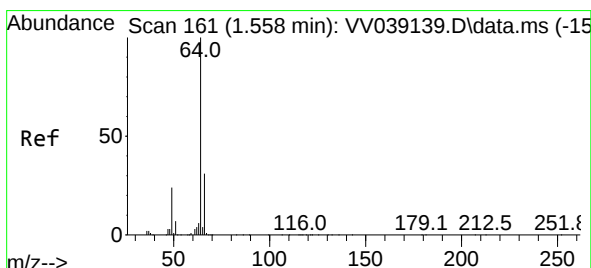
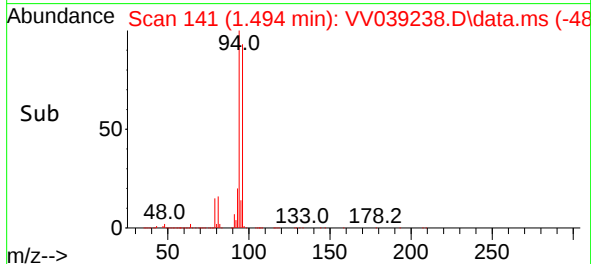
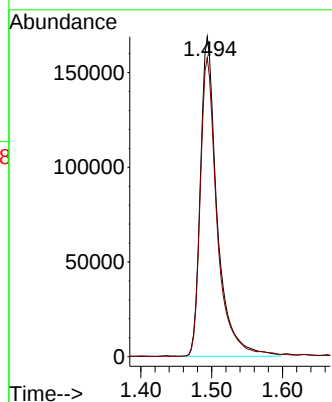


#5
Bromomethane
Concen: 44.723 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Instrument :
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ClientSampleId :

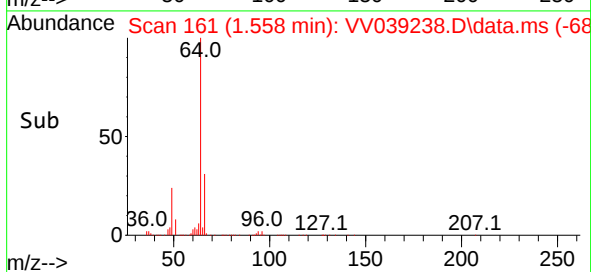
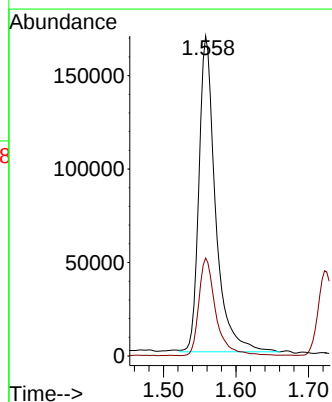
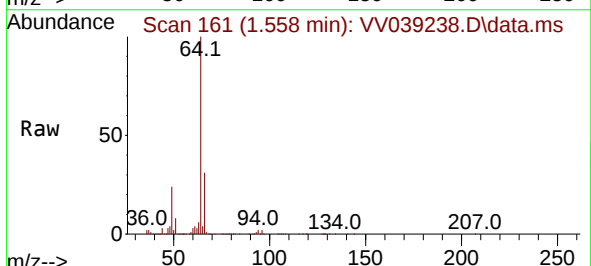


Tgt Ion: 94 Resp: 277351
Ion Ratio Lower Upper
94 100
96 93.5 74.9 112.3



#6
Chloroethane
Concen: 46.029 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 64 Resp: 268225
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8

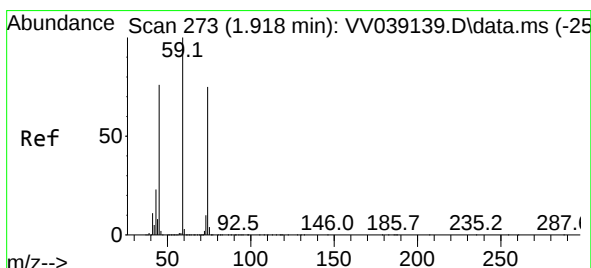
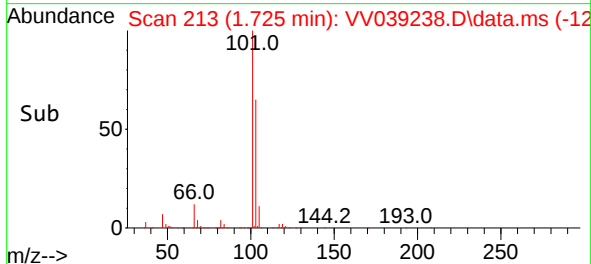
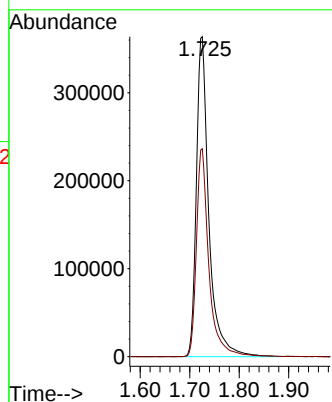
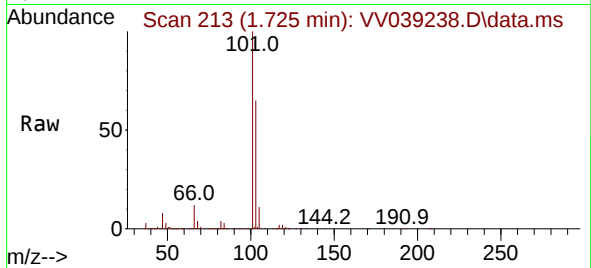




#7
 Trichlorofluoromethane
 Concen: 44.938 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039238.D
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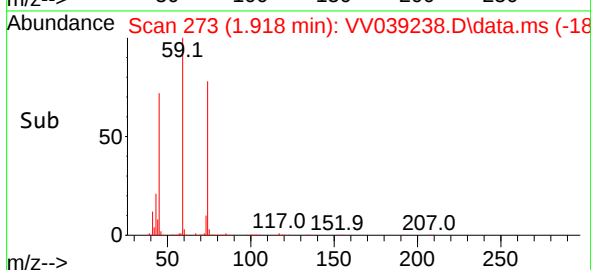
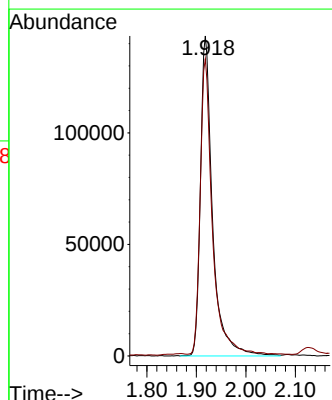
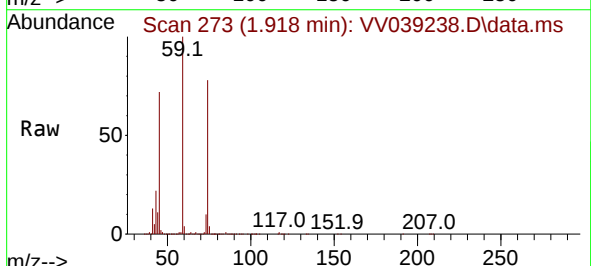
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:101 Resp: 640051
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.0 78.0



#8
 Diethyl Ether
 Concen: 46.448 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

Tgt Ion: 74 Resp: 245588
 Ion Ratio Lower Upper
 74 100
 45 91.9 49.6 148.8

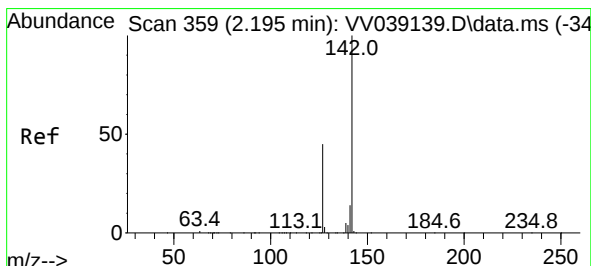
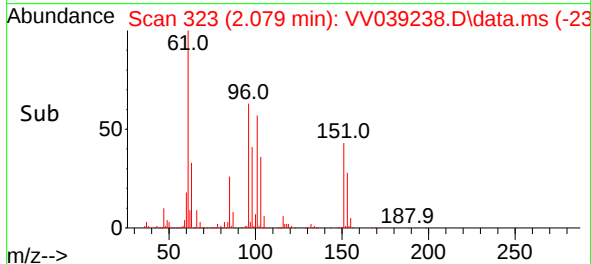
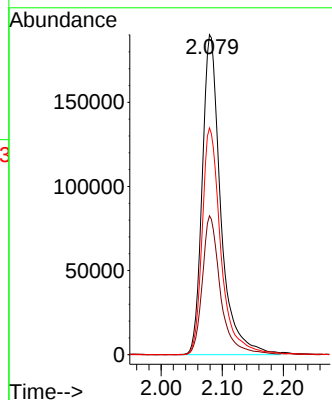
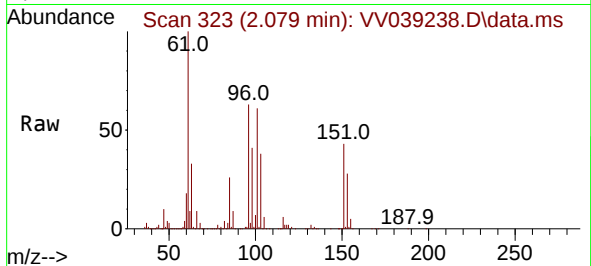




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.252 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039238.D
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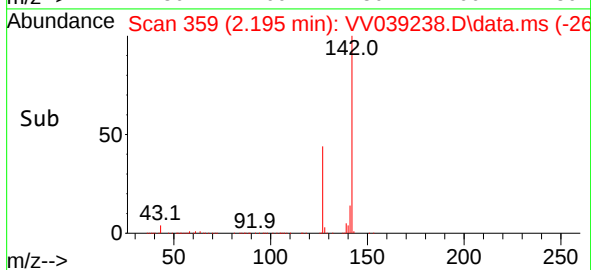
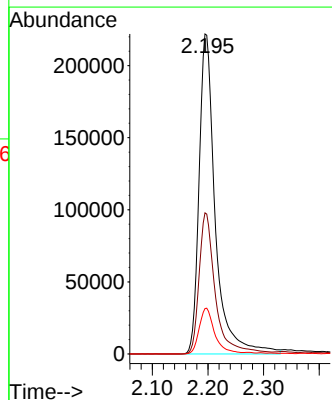
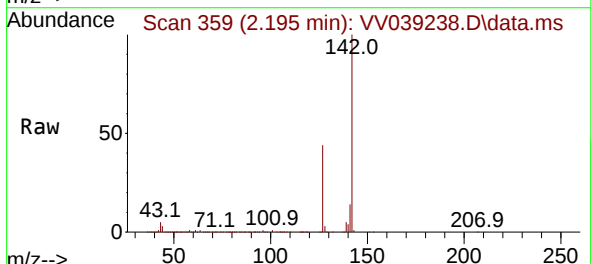
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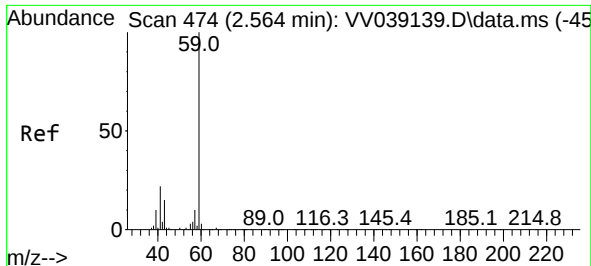
Tgt Ion:101 Resp: 400444
Ion Ratio Lower Upper
101 100
85 42.6 36.2 54.2
151 72.0 56.3 84.5



#10
Methyl Iodide
Concen: 55.784 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:142 Resp: 450189
Ion Ratio Lower Upper
142 100
127 44.3 36.3 54.5
141 13.7 11.2 16.8

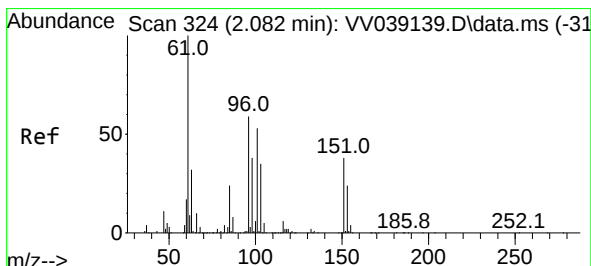
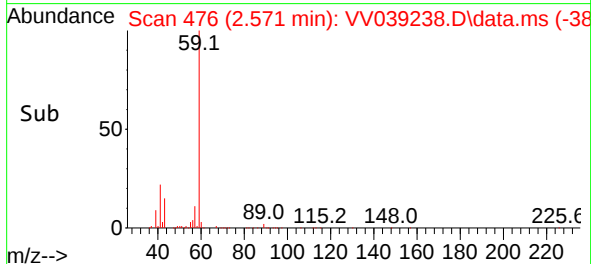
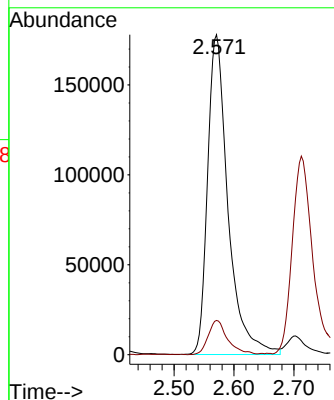
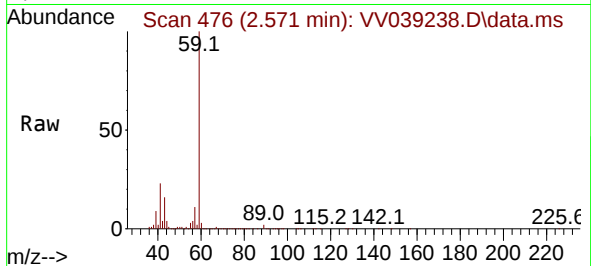




#11
Tert butyl alcohol
Concen: 254.549 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

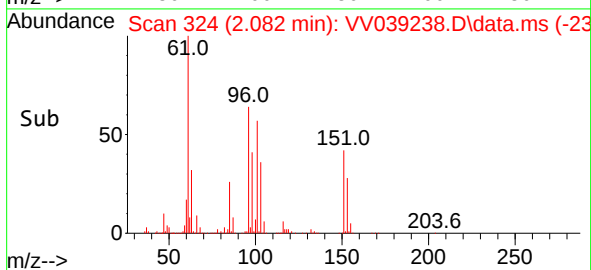
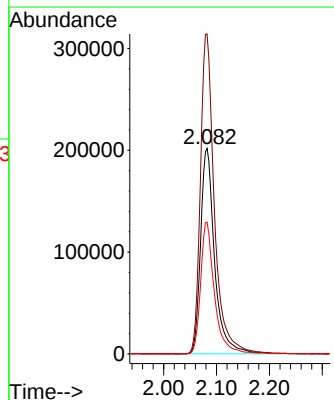
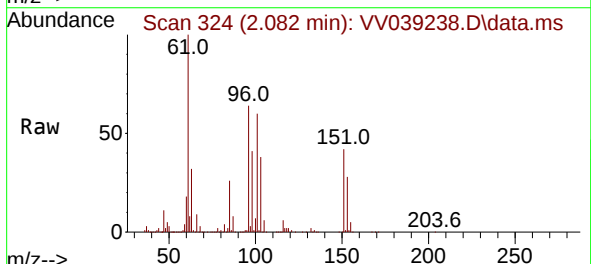
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 59 Resp: 421033
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 45.719 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 96 Resp: 372736
Ion Ratio Lower Upper
96 100
61 155.8 136.0 204.0
98 64.1 51.0 76.6

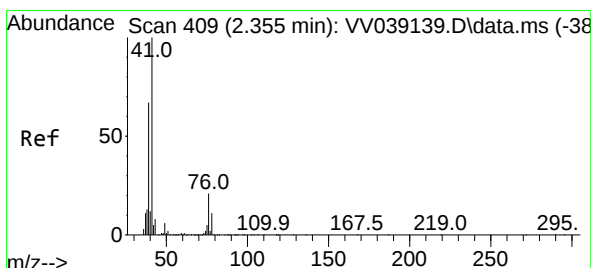
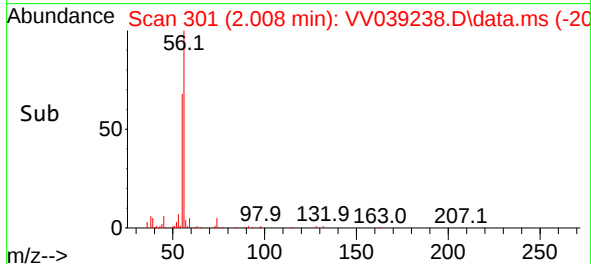
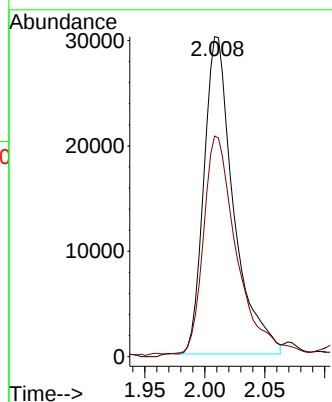
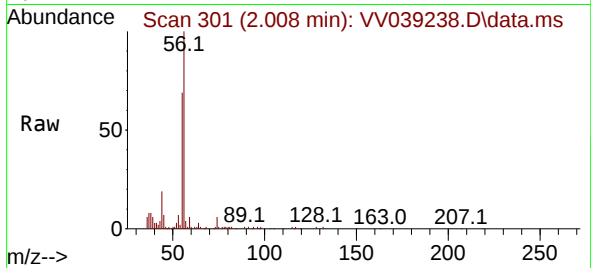




#13
Acrolein
Concen: 180.660 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

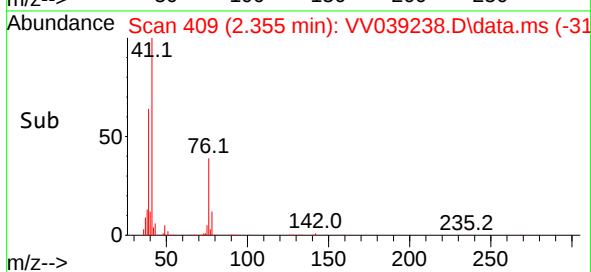
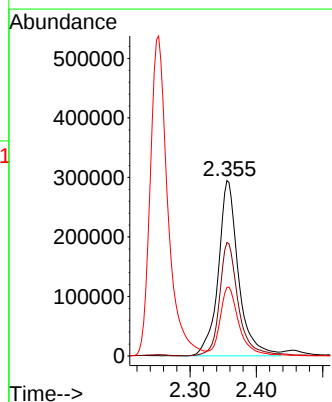
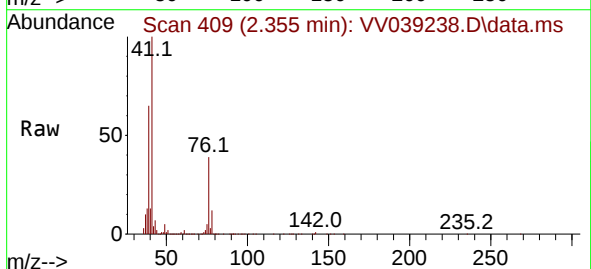
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 51851
Ion Ratio Lower Upper
56 100
55 76.3 56.2 84.4



#14
Allyl chloride
Concen: 42.759 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

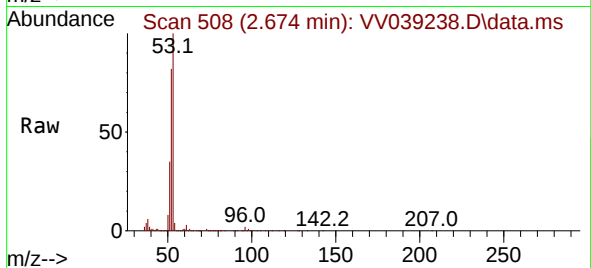
Tgt Ion: 41 Resp: 622696
Ion Ratio Lower Upper
41 100
39 60.8 51.0 76.6
76 37.0 28.2 42.4





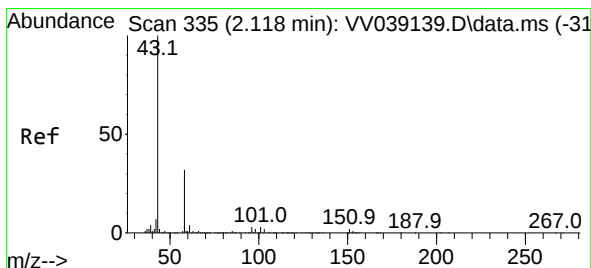
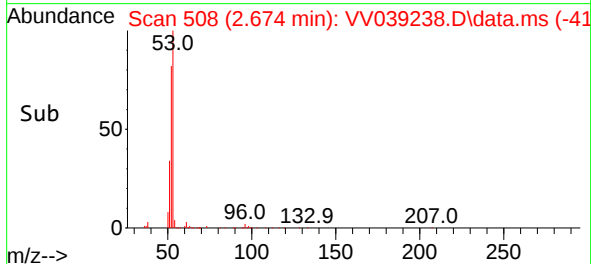
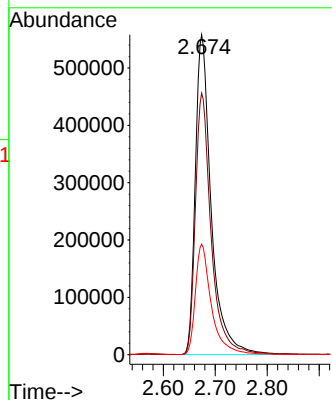
#15
Acrylonitrile
Concen: 223.752 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 53 Resp: 1186396

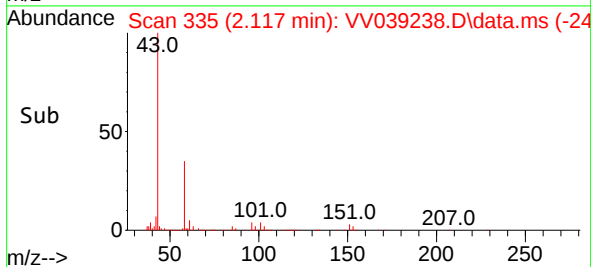
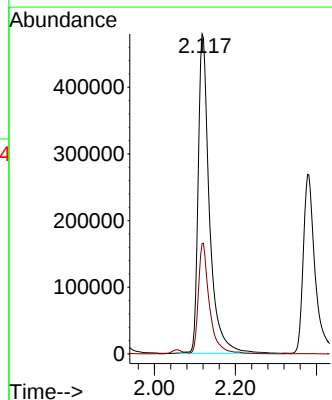
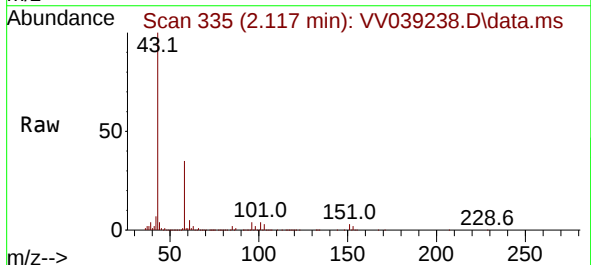
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.1	99.1
51	34.8	28.5	42.7



#16
Acetone
Concen: 187.048 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 43 Resp: 924673

Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.8	38.6

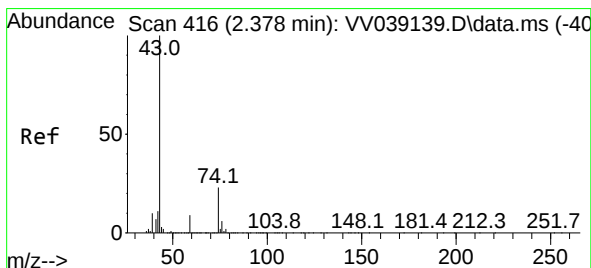
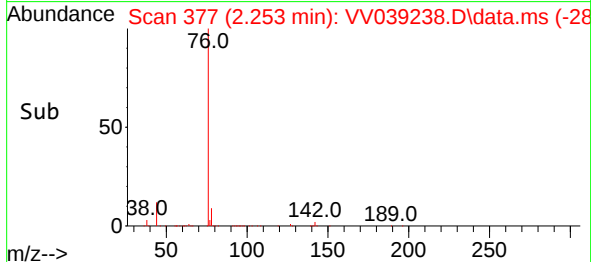
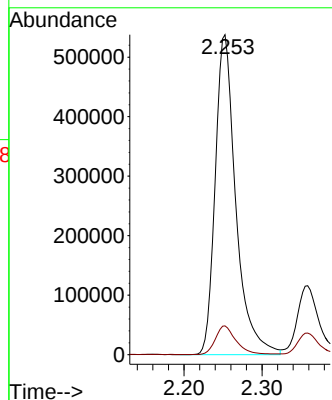
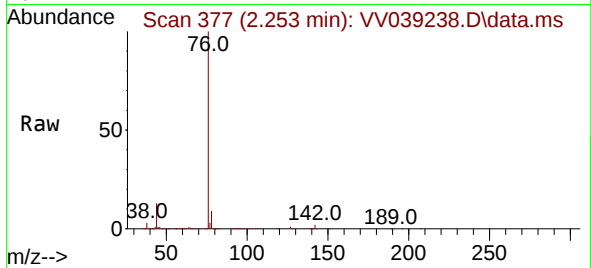




#17
Carbon Disulfide
Concen: 39.641 ug/l
RT: 2.253 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

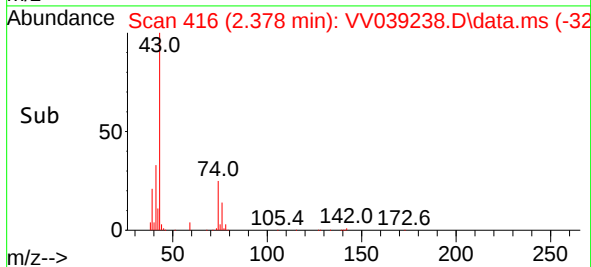
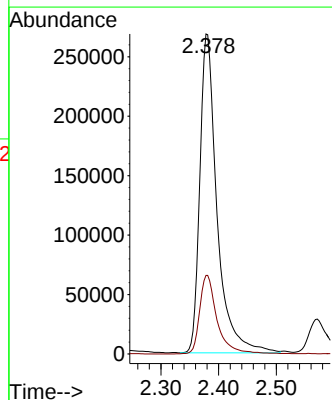
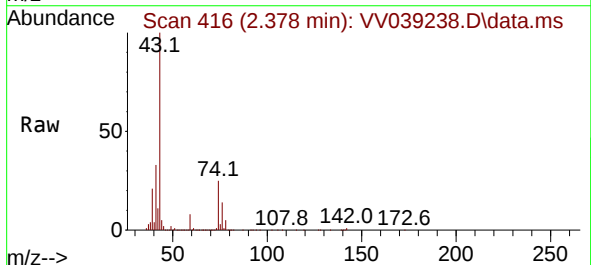
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 988393
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 47.853 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 43 Resp: 554871
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8

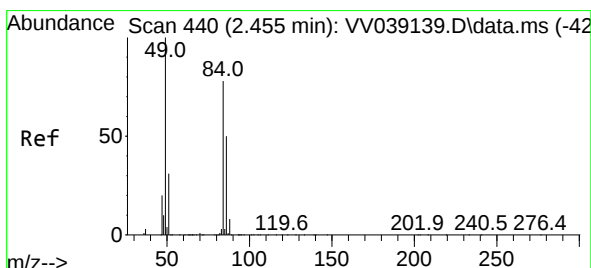
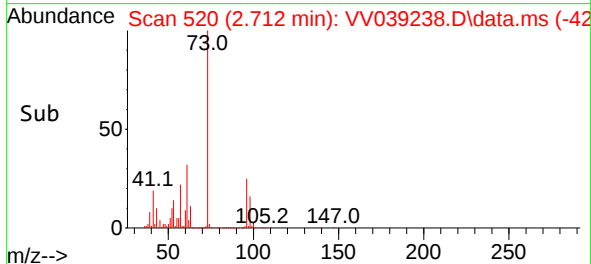
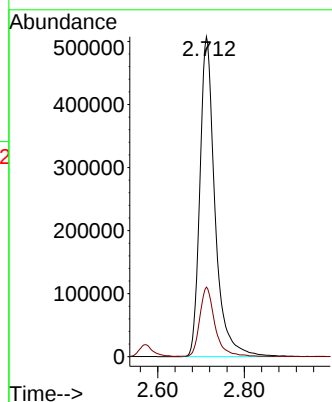
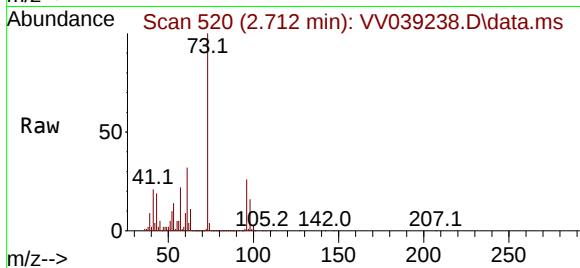




#19
Methyl tert-butyl Ether
Concen: 47.301 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

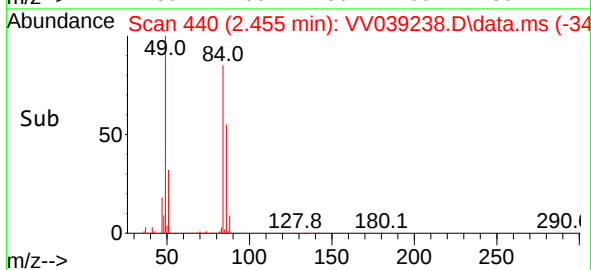
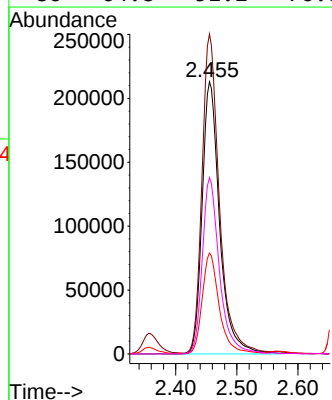
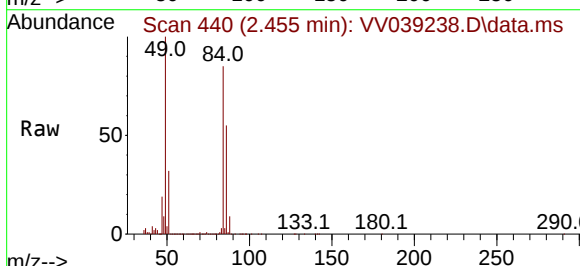
Instrument :
MSVOA_V
ClientSampleId :

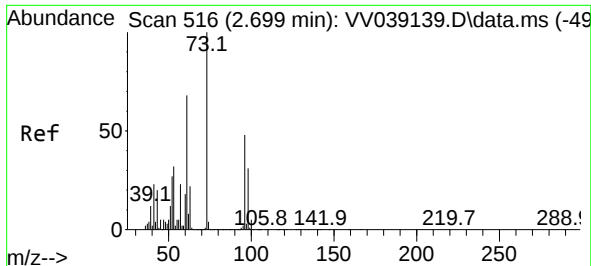
Tgt Ion: 73 Resp: 1228842
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 50.097 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 84 Resp: 423573
Ion Ratio Lower Upper
84 100
49 117.2 102.8 154.2
51 36.9 31.9 47.9
86 64.8 51.2 76.8

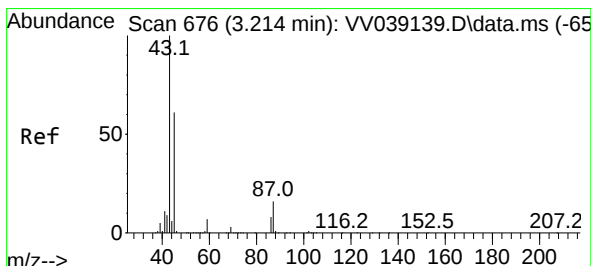
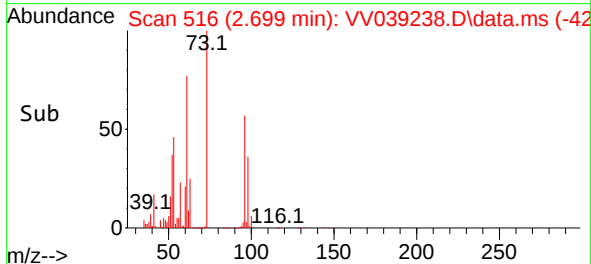
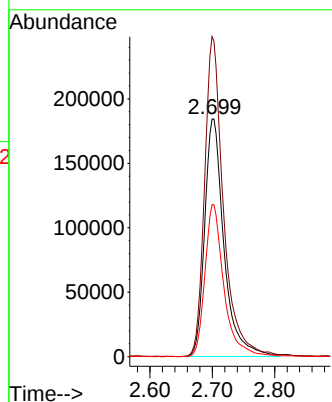
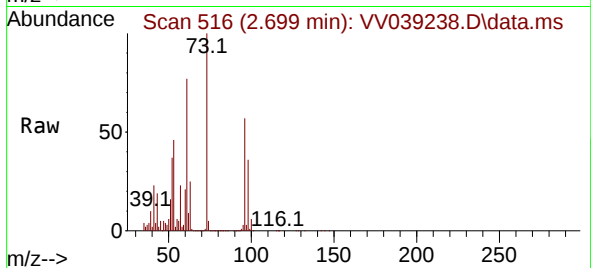




#21
trans-1,2-Dichloroethene
Concen: 45.709 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

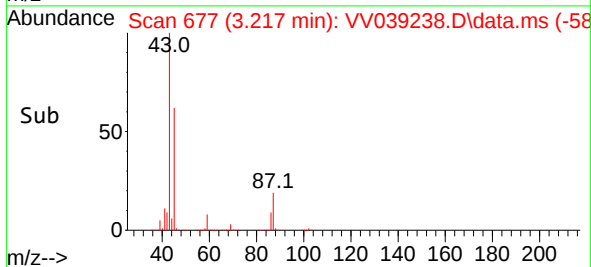
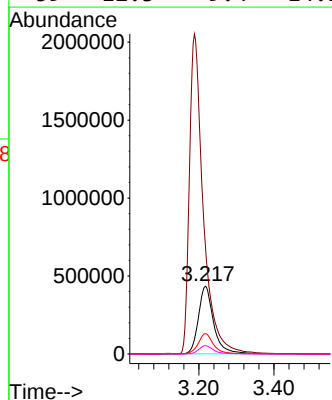
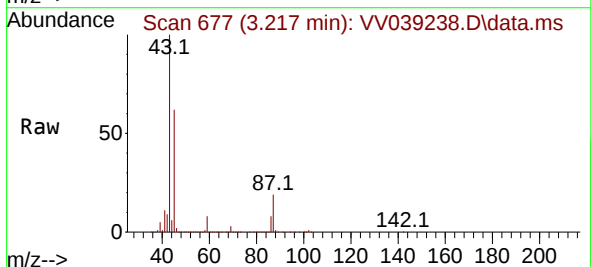
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 396720
Ion Ratio Lower Upper
96 100
61 134.7 112.8 169.2
98 64.0 51.1 76.7



#22
Diisopropyl ether
Concen: 43.780 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 45 Resp: 1219843
Ion Ratio Lower Upper
45 100
43 161.3 130.9 196.3
87 30.0 21.1 31.7
59 12.3 9.4 14.2

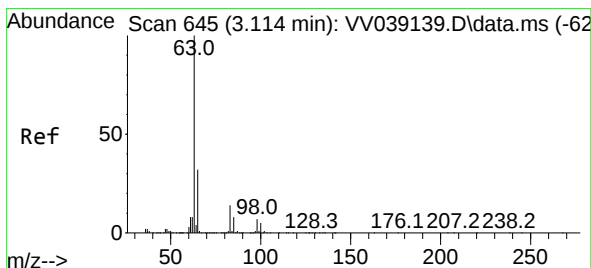
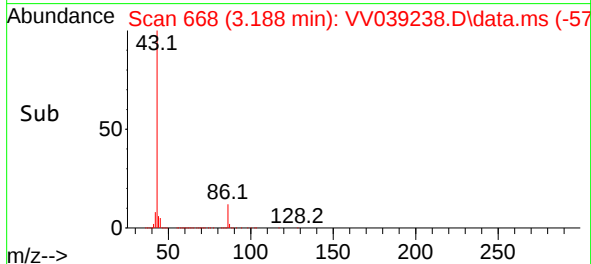
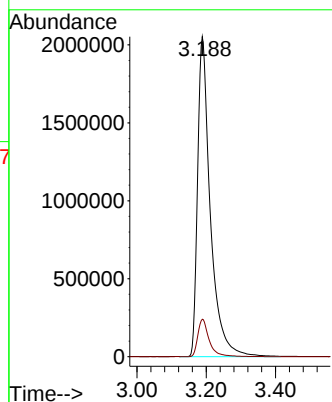
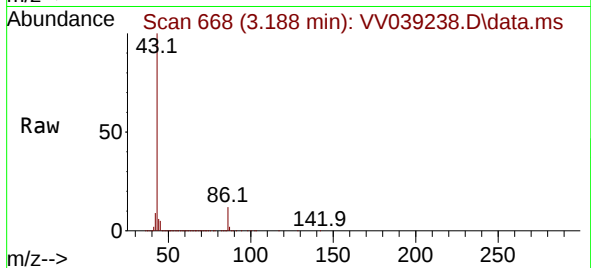




#23
 Vinyl Acetate
 Concen: 215.924 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

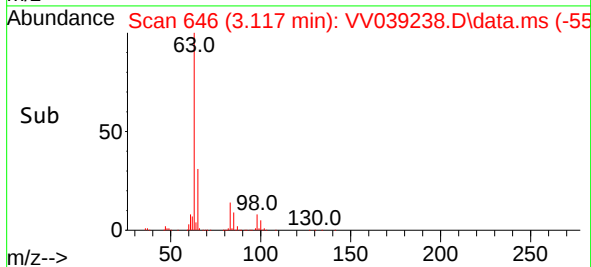
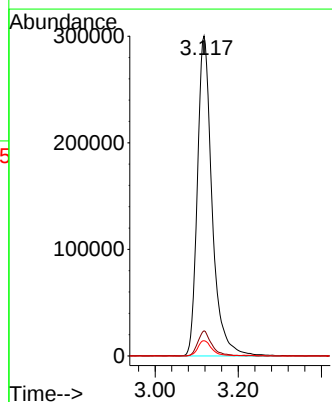
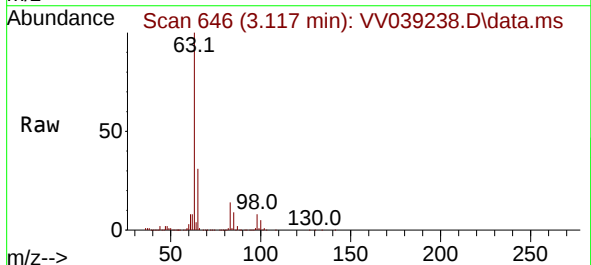
Instrument :
 MSVOA_V
 ClientSampleId :

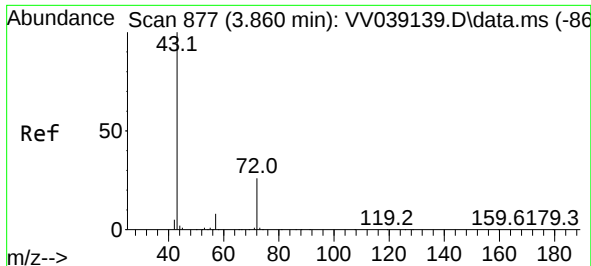
Tgt Ion: 43 Resp: 5263028
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 43.241 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

Tgt Ion: 63 Resp: 736796
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.2
 100 4.7 2.2 6.6

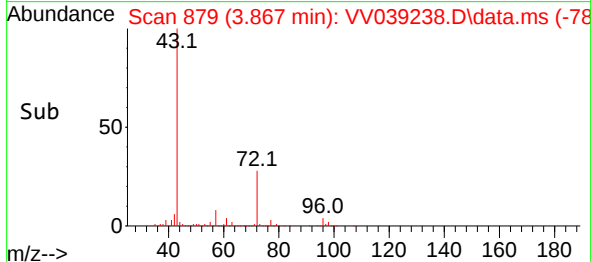
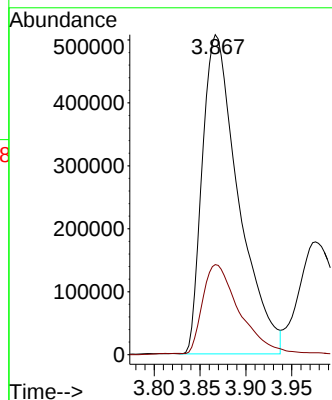
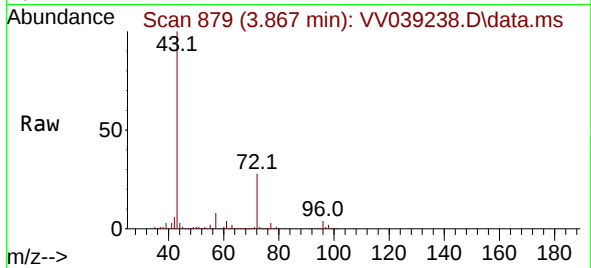




#25
2-Butanone
Concen: 221.647 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

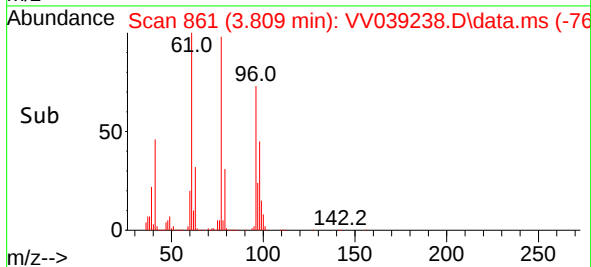
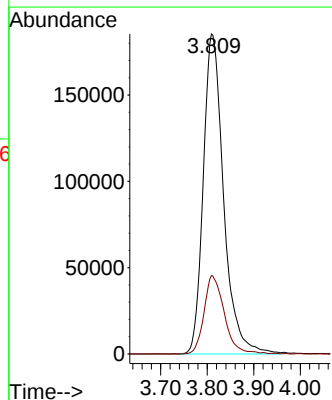
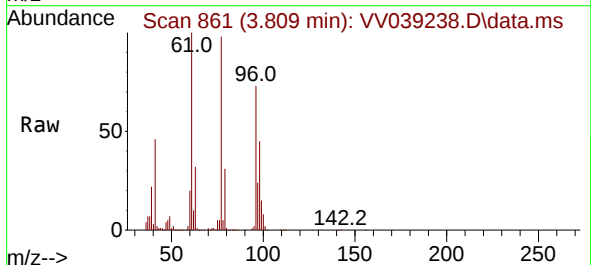
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1389008
Ion Ratio Lower Upper
43 100
72 27.8 21.0 31.6



#26
2,2-Dichloropropane
Concen: 37.295 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 77 Resp: 563462
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 47.857 ug/l

RT: 3.818 min Scan# 864

Delta R.T. -0.000 min

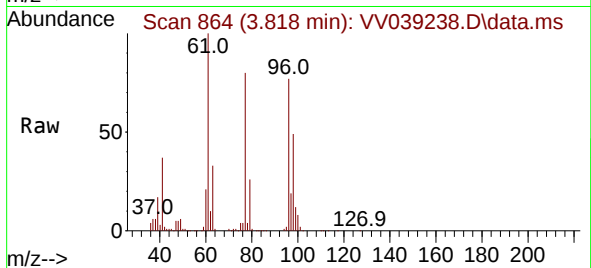
Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :



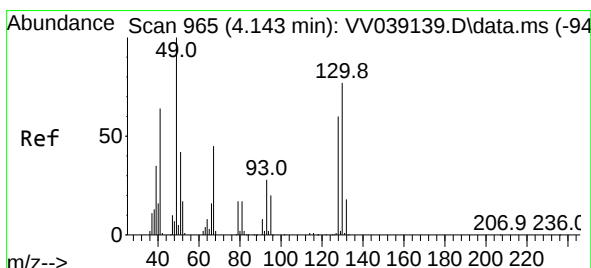
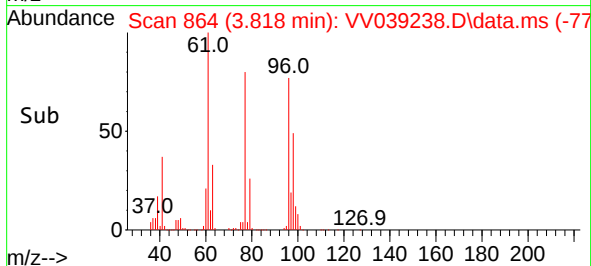
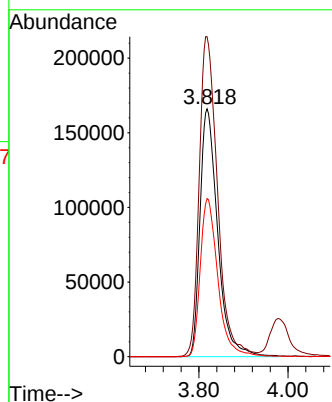
Tgt Ion: 96 Resp: 458098

Ion Ratio Lower Upper

96 100

61 133.6 0.0 286.4

98 63.6 0.0 126.6



#28

Bromochloromethane

Concen: 45.116 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

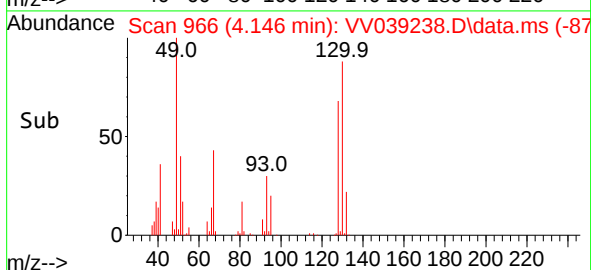
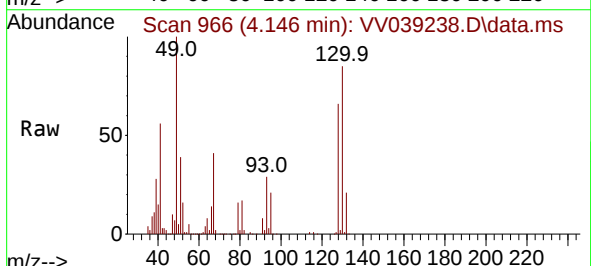
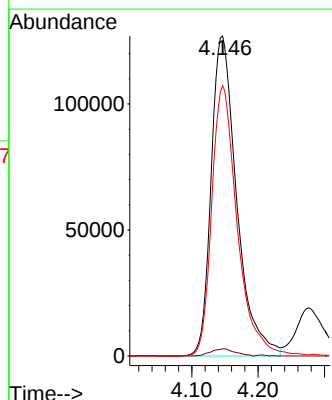
Tgt Ion: 49 Resp: 339370

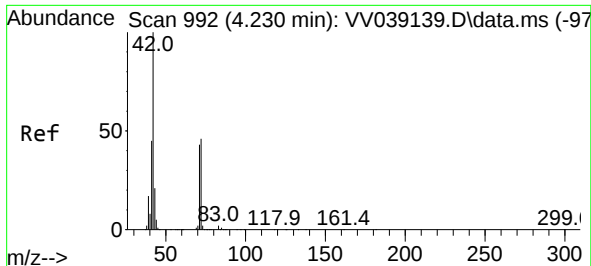
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 84.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 236.103 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

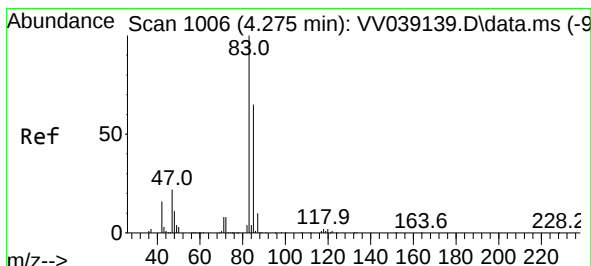
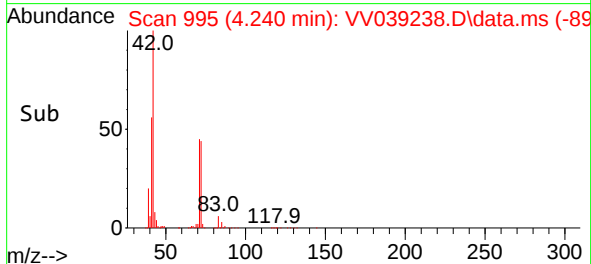
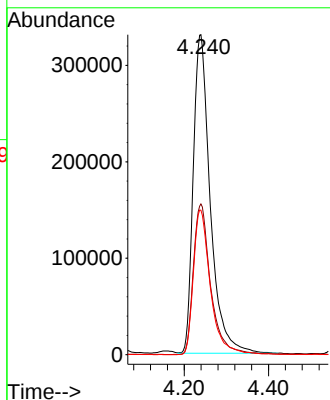
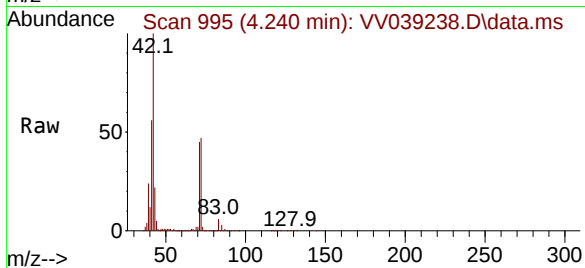
Tgt Ion: 42 Resp: 926118

Ion Ratio Lower Upper

42 100

72 47.9 36.3 54.5

71 45.0 34.3 51.5



#30

Chloroform

Concen: 42.953 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039238.D

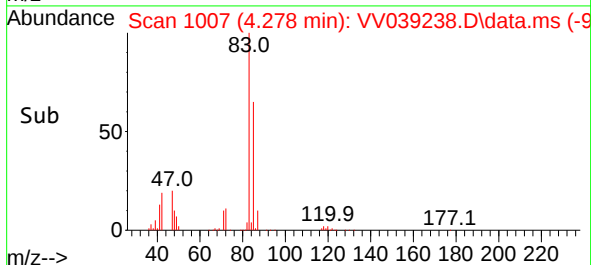
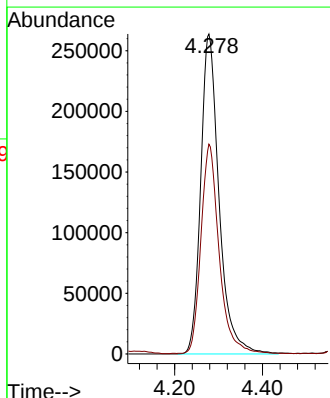
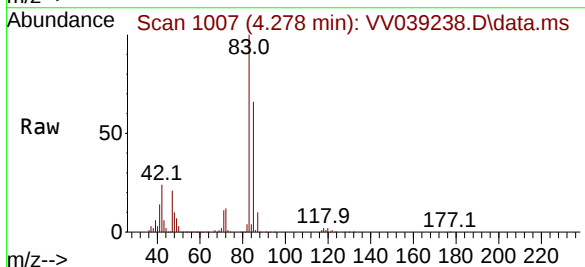
Acq: 29 Sep 2025 17:38

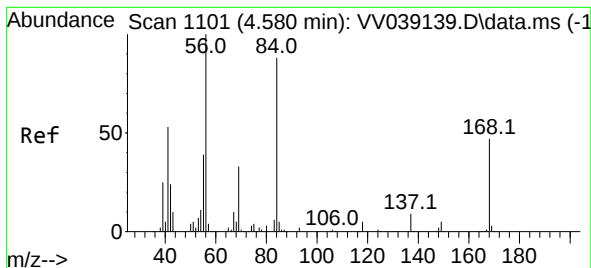
Tgt Ion: 83 Resp: 764253

Ion Ratio Lower Upper

83 100

85 65.4 52.1 78.1





#31

Cyclohexane

Concen: 38.778 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

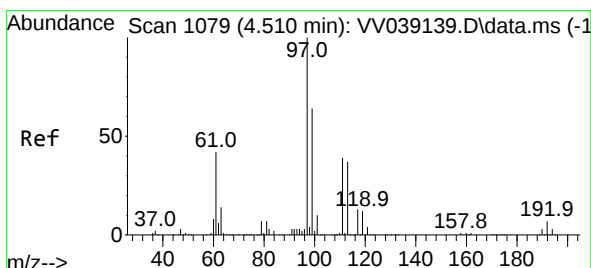
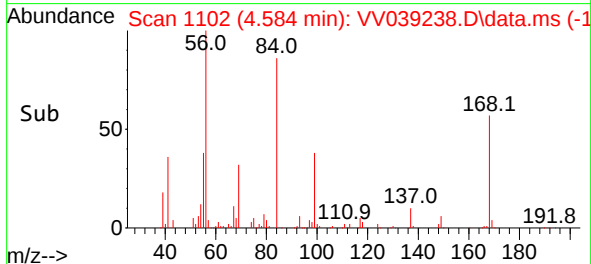
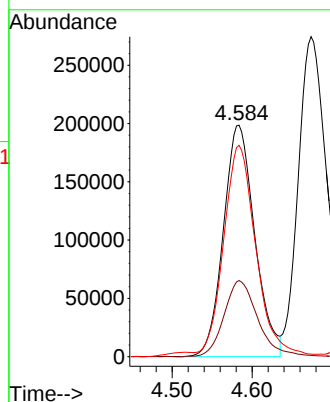
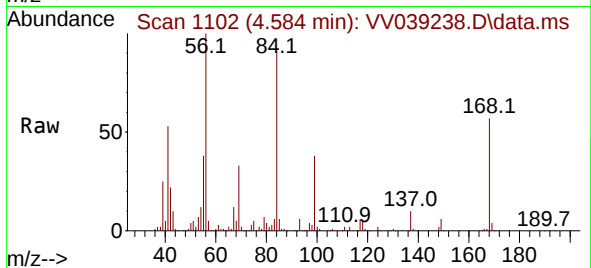
Tgt Ion: 56 Resp: 541266

Ion Ratio Lower Upper

56 100

69 32.9 26.2 39.2

84 89.5 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 43.554 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

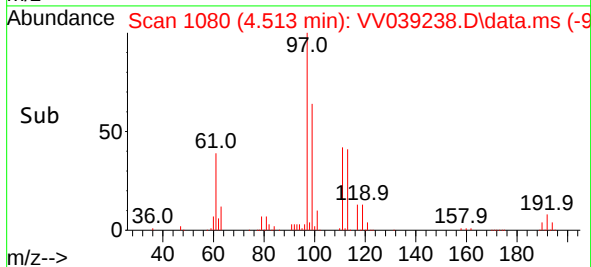
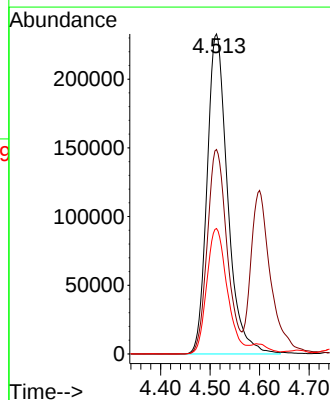
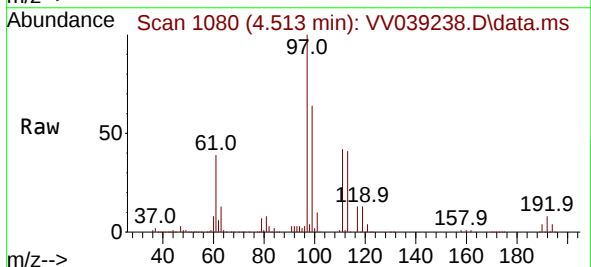
Tgt Ion: 97 Resp: 670890

Ion Ratio Lower Upper

97 100

99 61.3 49.6 74.4

61 39.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.224 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

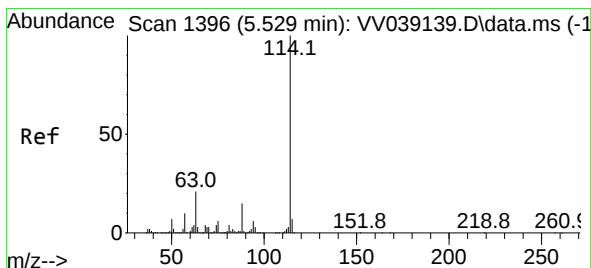
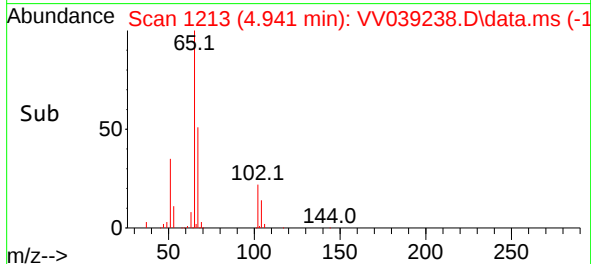
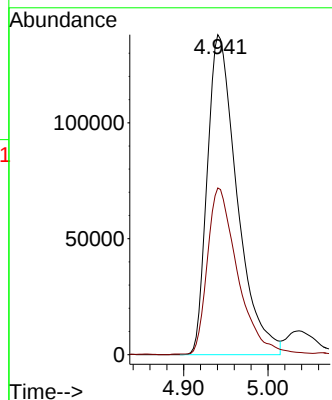
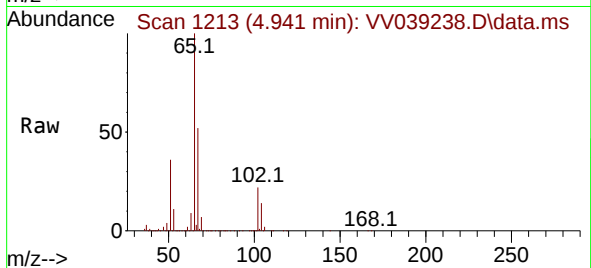
ClientSampleId :

Tgt Ion: 65 Resp: 338268

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

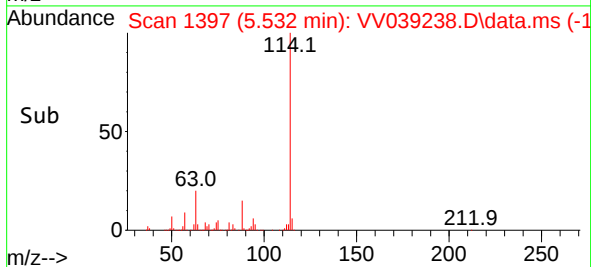
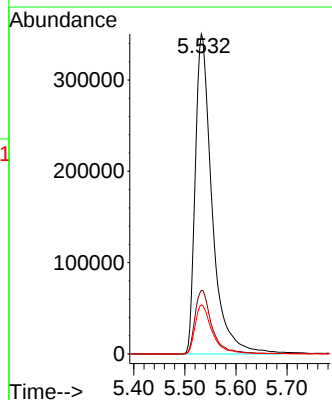
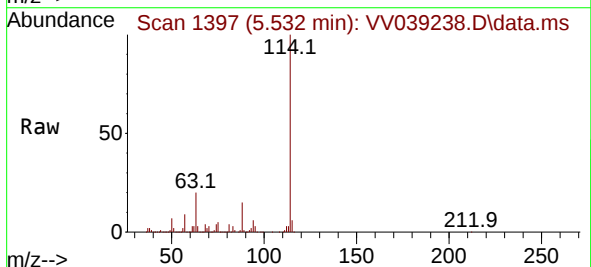
Tgt Ion: 114 Resp: 801849

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

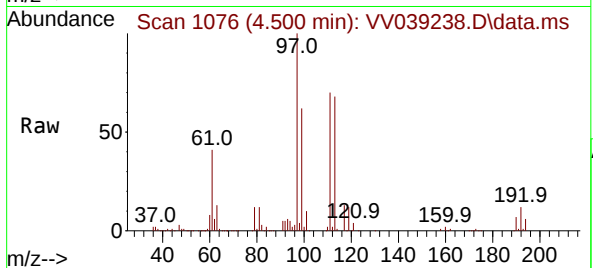
88 15.4 0.0 30.8



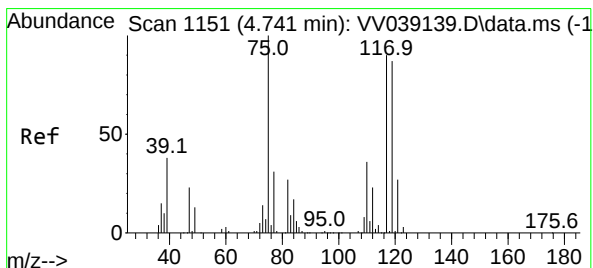
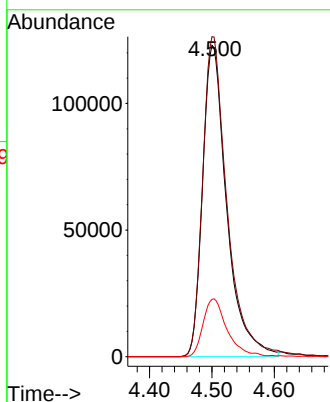
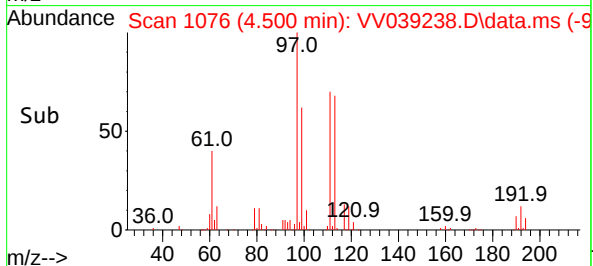


#35
Dibromofluoromethane
Concen: 51.227 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

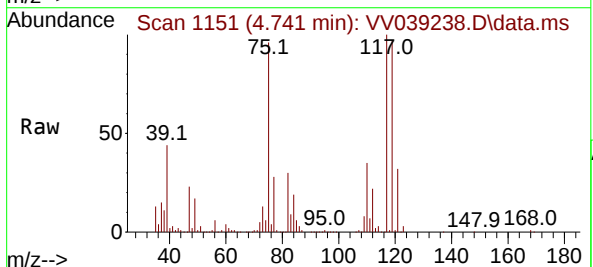
Instrument :
MSVOA_V
ClientSampleId :



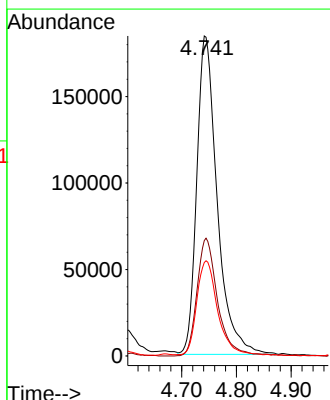
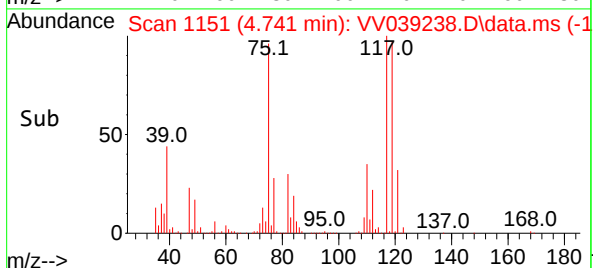
Tgt Ion:113 Resp: 330222
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 18.5 13.8 20.8

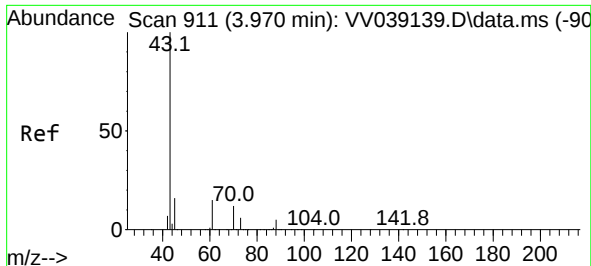


#36
1,1-Dichloropropene
Concen: 48.984 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38



Tgt Ion: 75 Resp: 477402
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.1
77 29.7 24.8 37.2

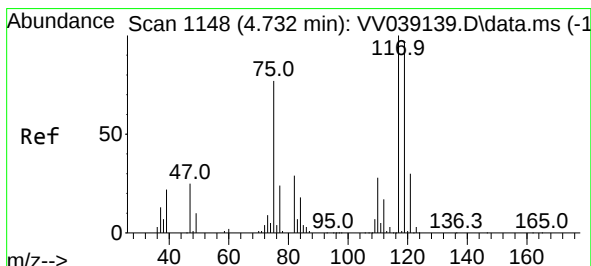
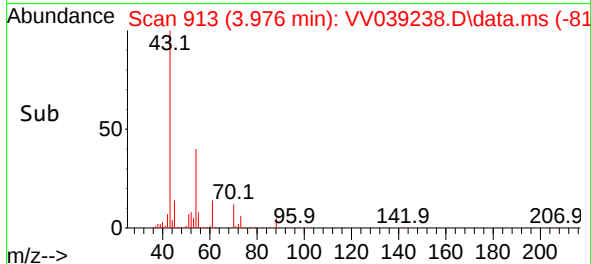
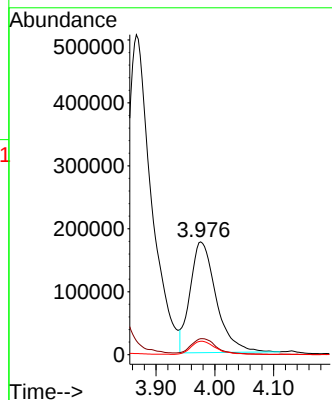
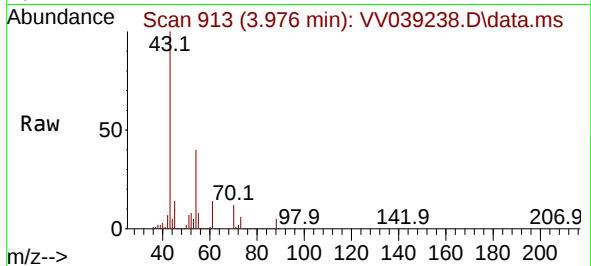




#37
Ethyl Acetate
Concen: 45.824 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

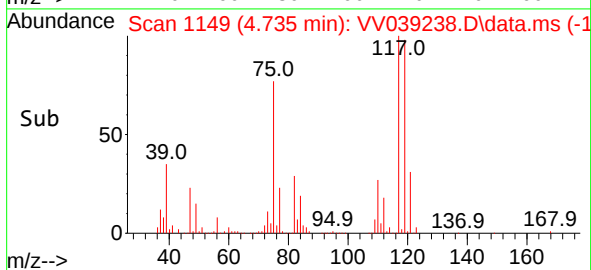
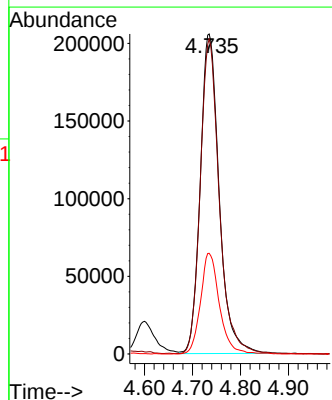
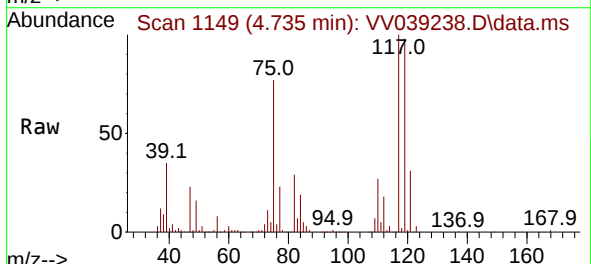
Instrument :
MSVOA_V
ClientSampleId :

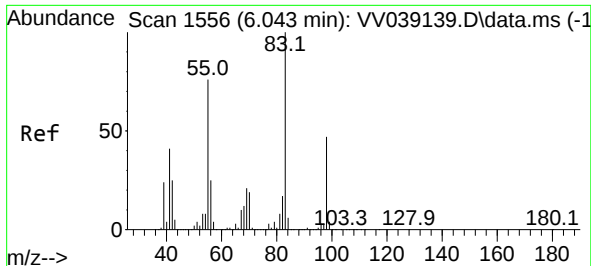
Tgt Ion: 43 Resp: 541921
Ion Ratio Lower Upper
43 100
61 14.4 10.3 15.5
70 11.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 47.413 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 117 Resp: 564742
Ion Ratio Lower Upper
117 100
119 98.4 77.2 115.8
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 45.693 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

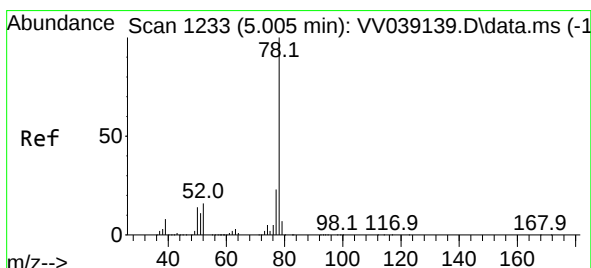
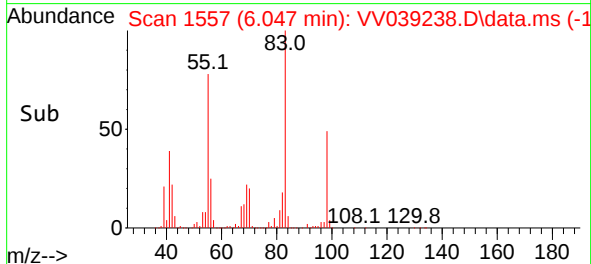
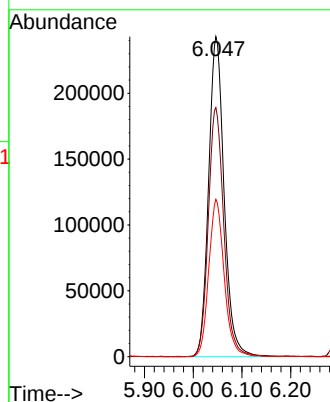
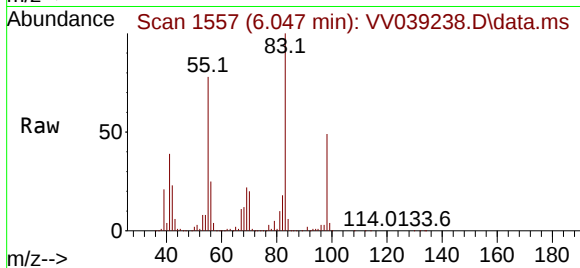
Tgt Ion: 83 Resp: 537787

Ion Ratio Lower Upper

83 100

55 77.8 60.5 90.7

98 49.2 37.8 56.6



#40

Benzene

Concen: 49.112 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039238.D

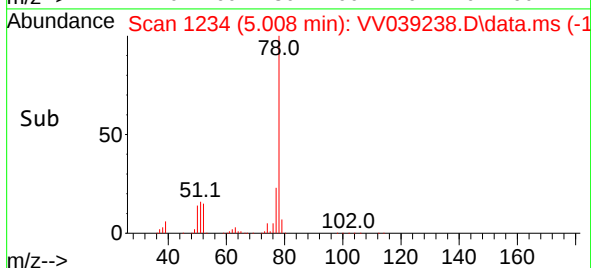
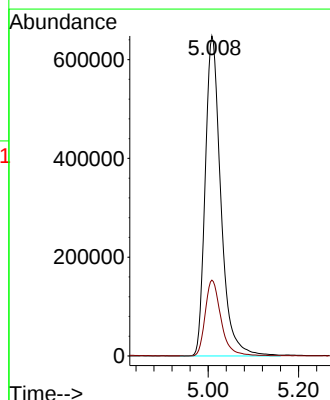
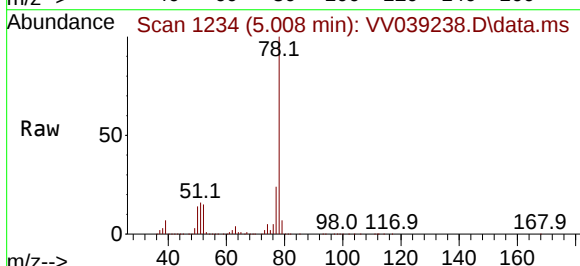
Acq: 29 Sep 2025 17:38

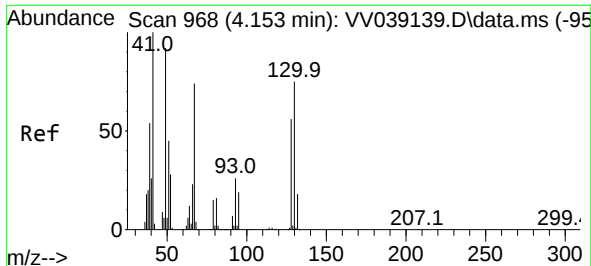
Tgt Ion: 78 Resp: 1558660

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1

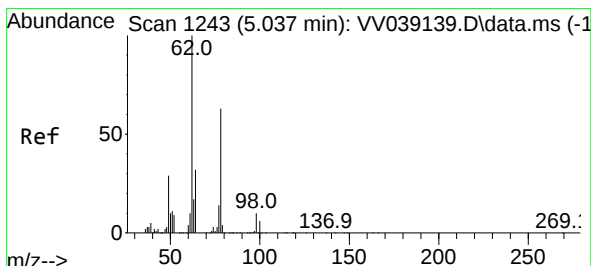
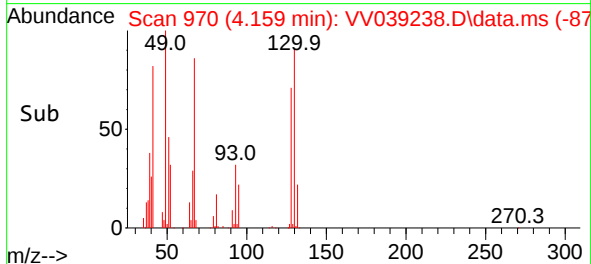
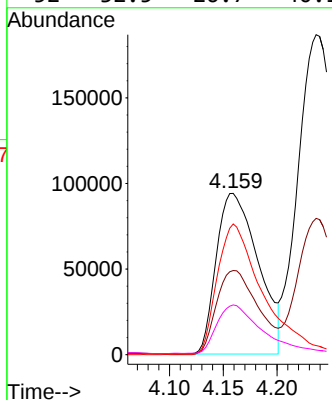
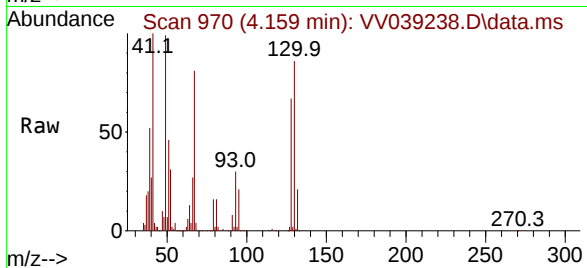




#41
Methacrylonitrile
Concen: 47.642 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

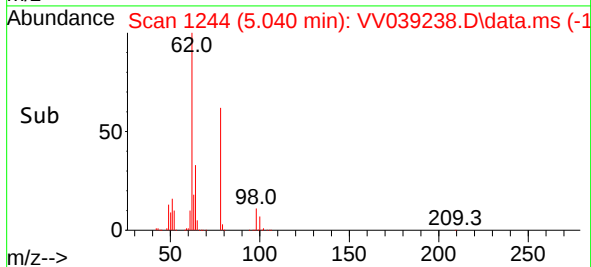
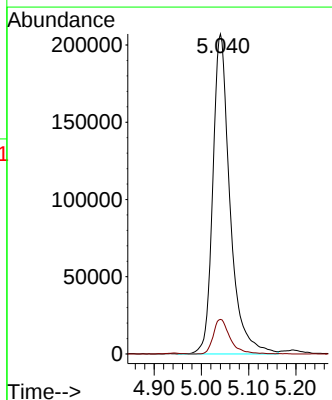
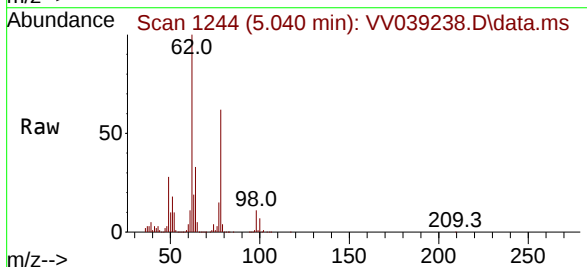
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 41 Resp: 254239
Ion Ratio Lower Upper
41 100
39 51.6 42.2 63.2
67 90.9 67.9 101.9
52 32.5 26.7 40.1



#42
1,2-Dichloroethane
Concen: 47.139 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 62 Resp: 524185
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.2

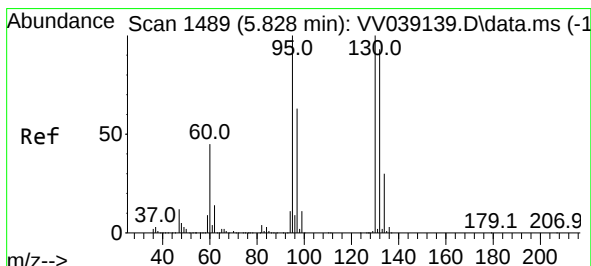
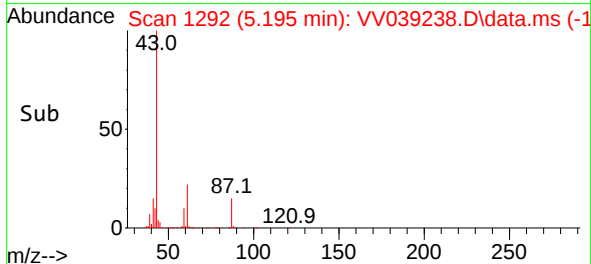
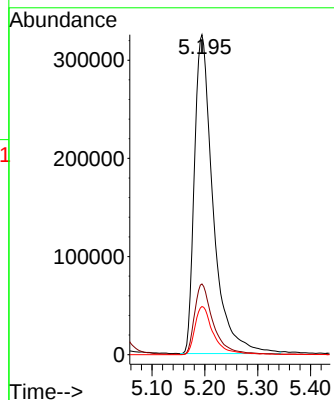
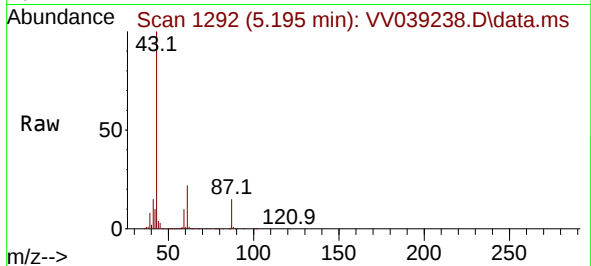




#43
Isopropyl Acetate
Concen: 49.723 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

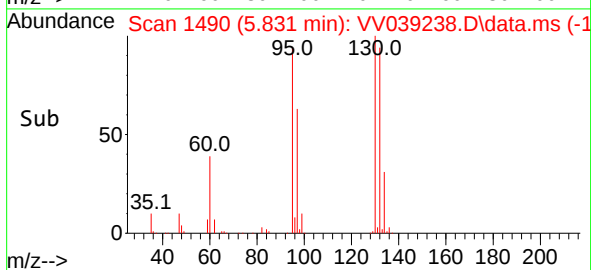
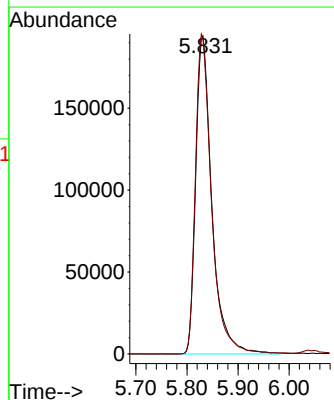
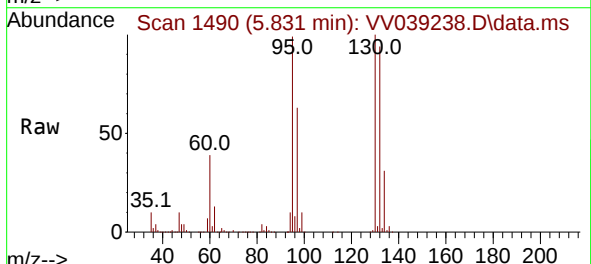
Instrument :
MSVOA_V
ClientSampleId :

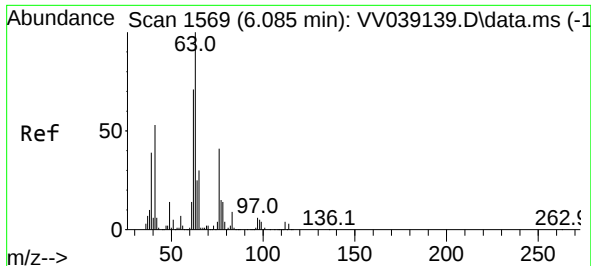
Tgt Ion: 43 Resp: 801758
Ion Ratio Lower Upper
43 100
61 21.9 15.9 23.9
87 14.8 11.0 16.6



#44
Trichloroethene
Concen: 58.214 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:130 Resp: 426325
Ion Ratio Lower Upper
130 100
95 99.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 50.561 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

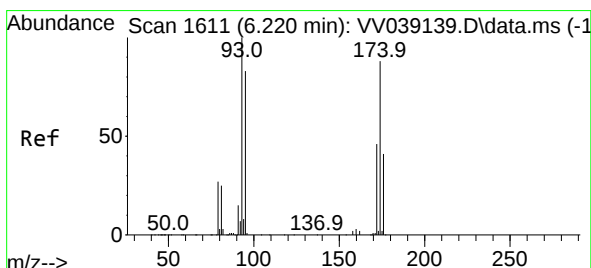
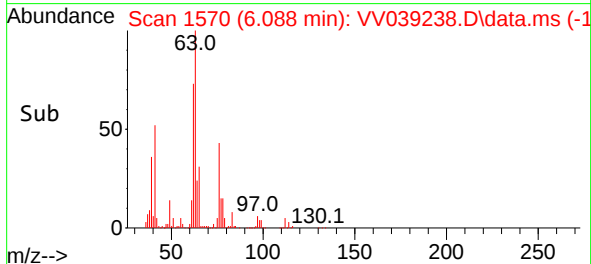
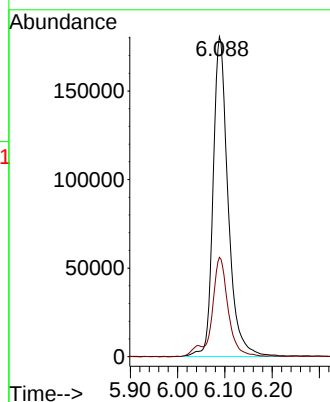
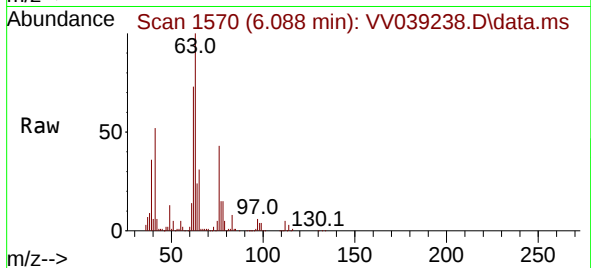
ClientSampleId :

Tgt Ion: 63 Resp: 398845

Ion Ratio Lower Upper

63 100

65 31.0 23.7 35.5



#46

Dibromomethane

Concen: 50.709 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

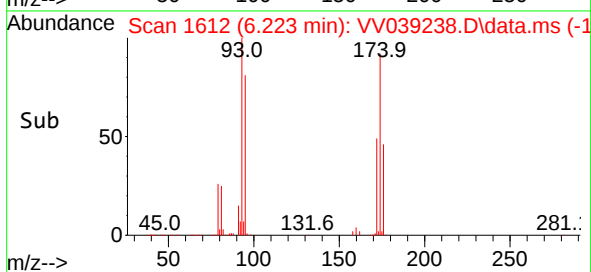
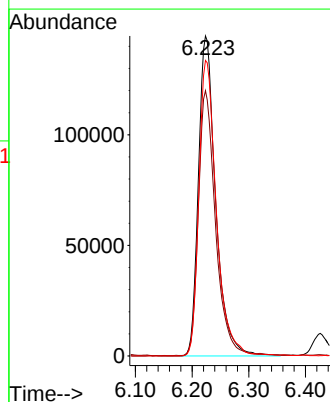
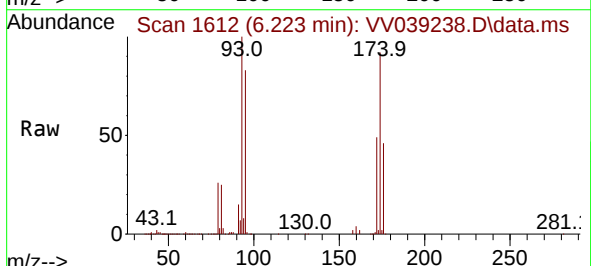
Tgt Ion: 93 Resp: 306161

Ion Ratio Lower Upper

93 100

95 81.7 65.5 98.3

174 93.5 69.0 103.4

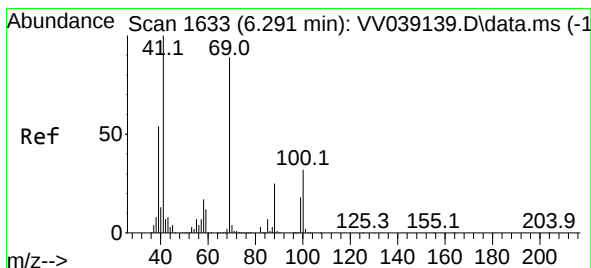
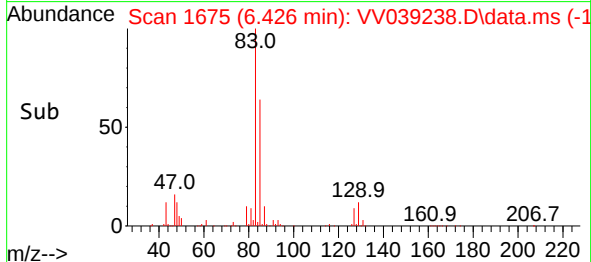
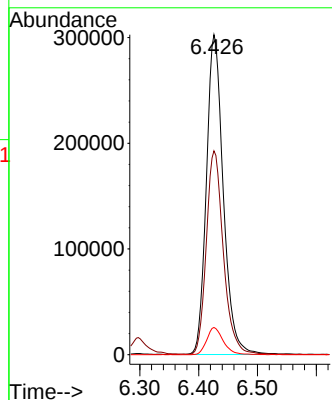
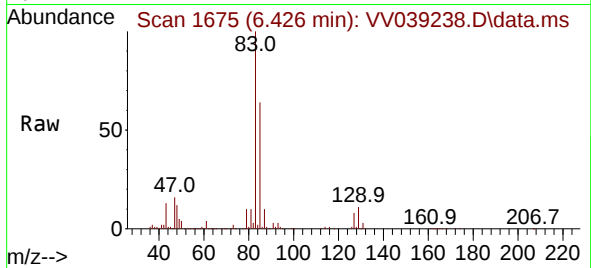




#47
Bromodichloromethane
Concen: 48.412 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

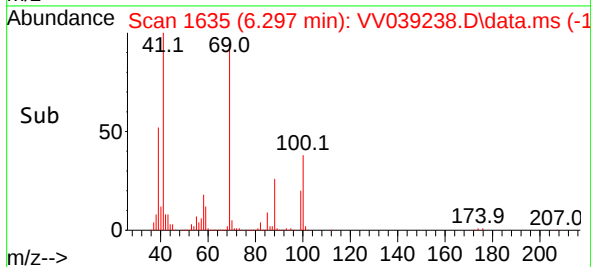
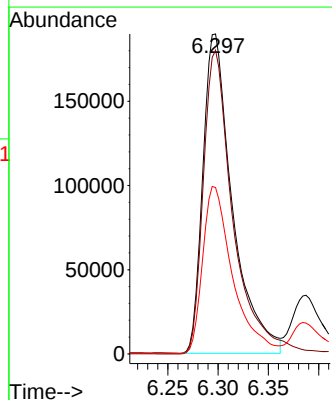
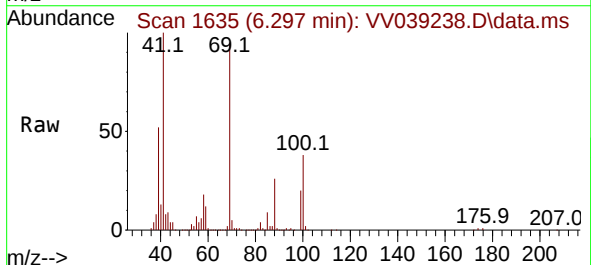
Instrument :
MSVOA_V
ClientSampleId :

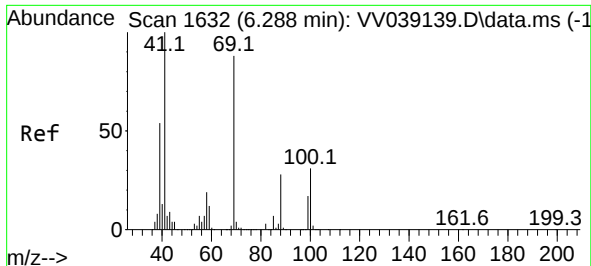
Tgt Ion: 83 Resp: 604268
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 52.989 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.006 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 41 Resp: 387316
Ion Ratio Lower Upper
41 100
69 96.6 72.4 108.6
39 52.9 42.5 63.7





#49

1,4-Dioxane

Concen: 1158.527 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

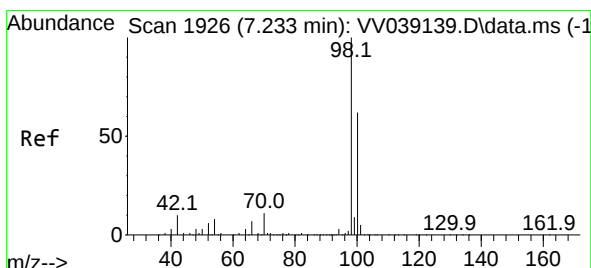
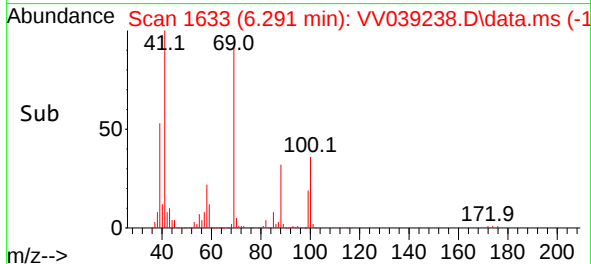
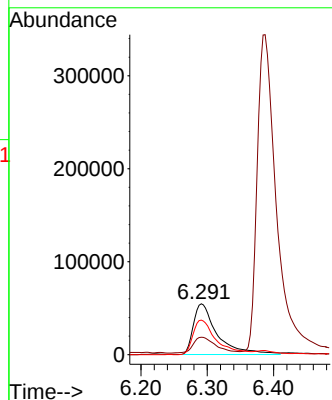
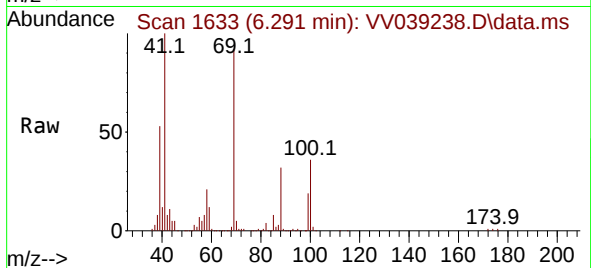
Tgt Ion: 88 Resp: 136656

Ion Ratio Lower Upper

88 100

43 29.9 25.1 37.7

58 66.5 53.6 80.4



#50

Toluene-d8

Concen: 48.832 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039238.D

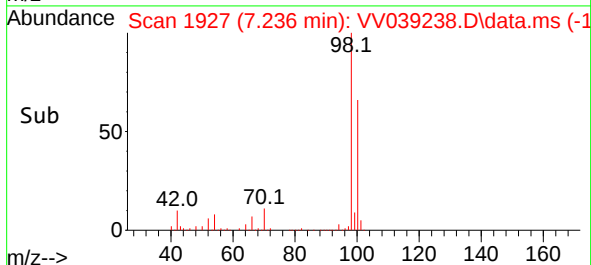
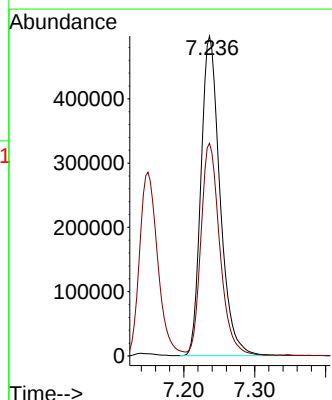
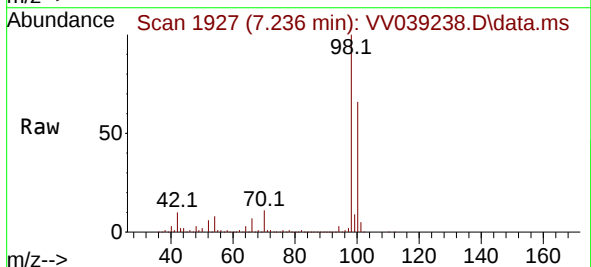
Acq: 29 Sep 2025 17:38

Tgt Ion: 98 Resp: 924513

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 272.884 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

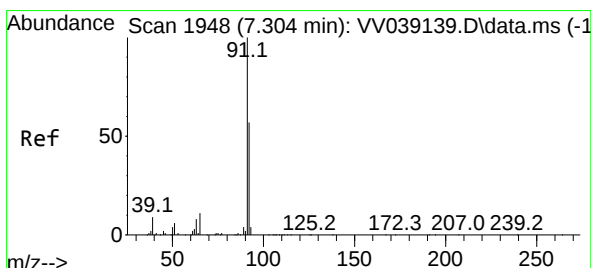
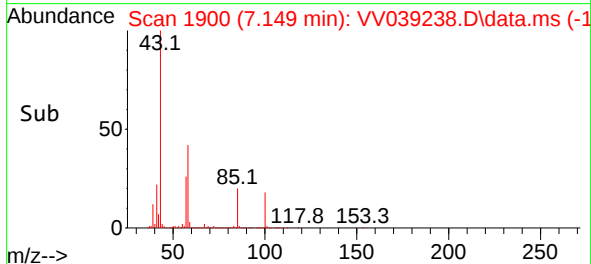
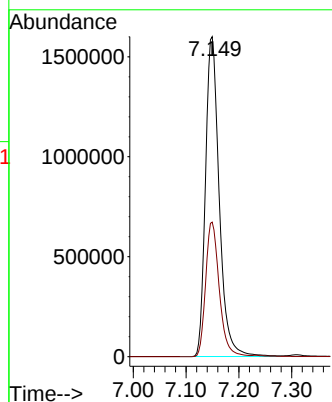
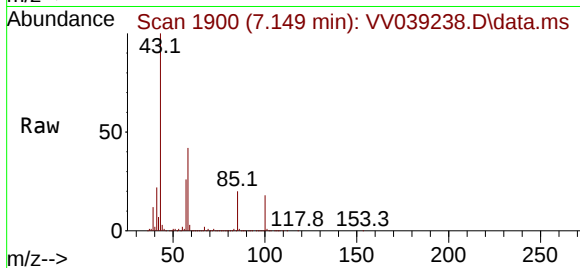
ClientSampleId :

Tgt Ion: 43 Resp: 2894765

Ion Ratio Lower Upper

43 100

58 41.8 32.3 48.5



#52

Toluene

Concen: 53.684 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039238.D

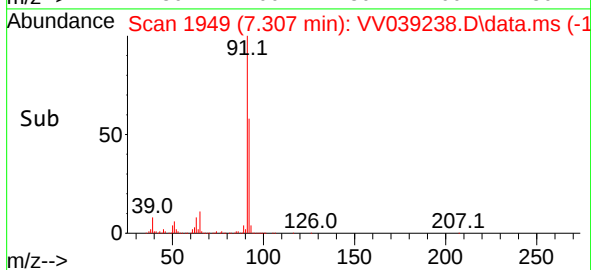
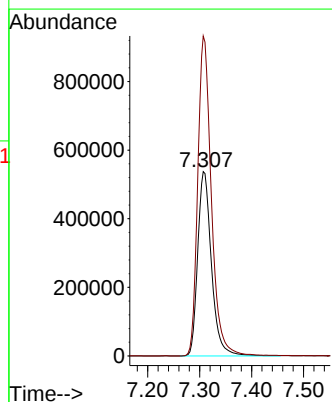
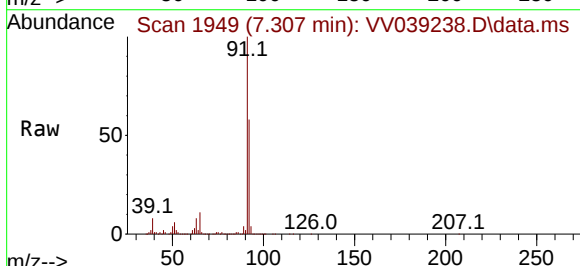
Acq: 29 Sep 2025 17:38

Tgt Ion: 92 Resp: 987839

Ion Ratio Lower Upper

92 100

91 171.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.009 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

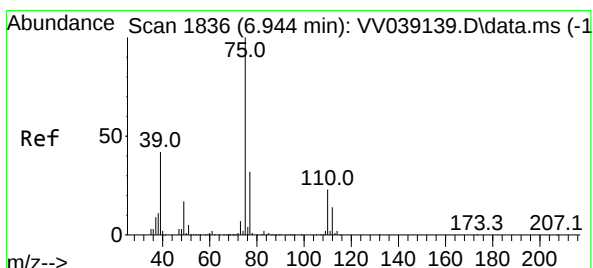
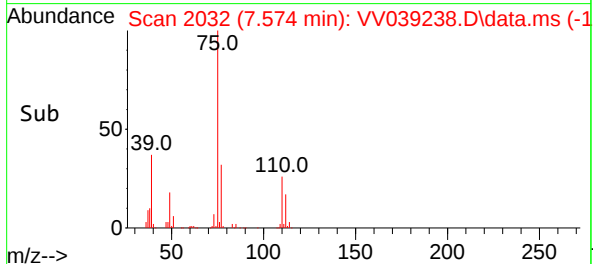
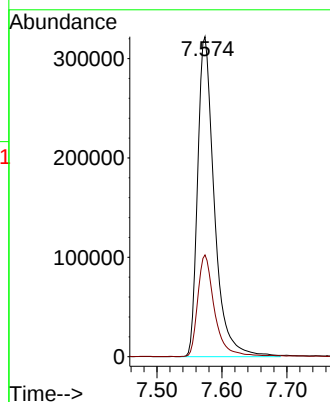
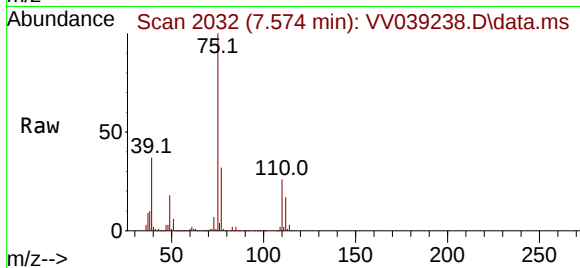
ClientSampleId :

Tgt Ion: 75 Resp: 576616

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 48.168 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

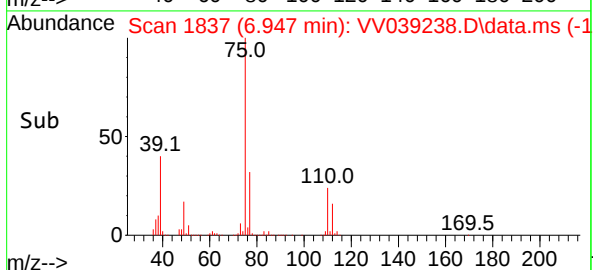
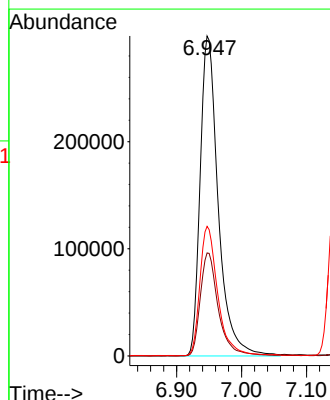
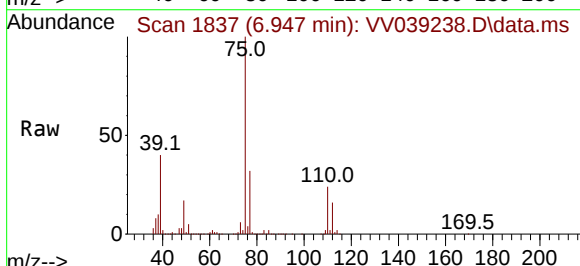
Tgt Ion: 75 Resp: 578415

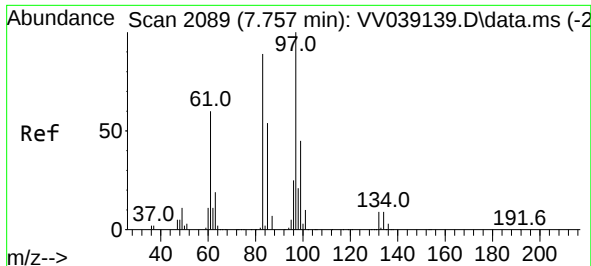
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

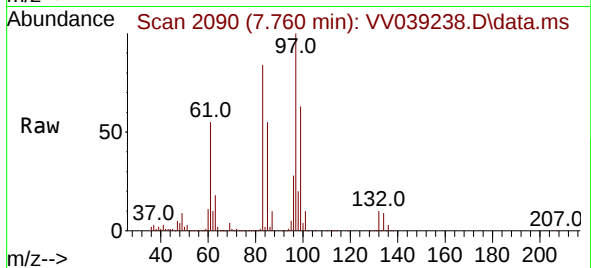
39 40.4 33.8 50.6



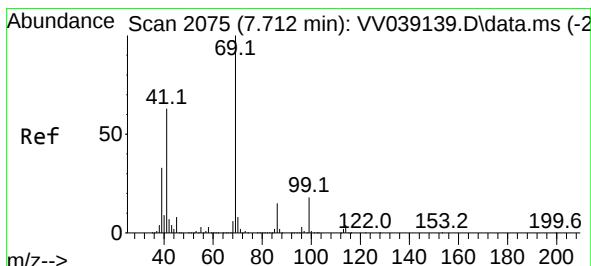
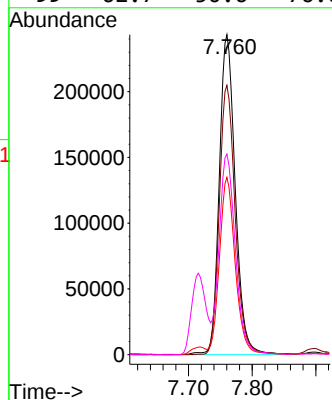
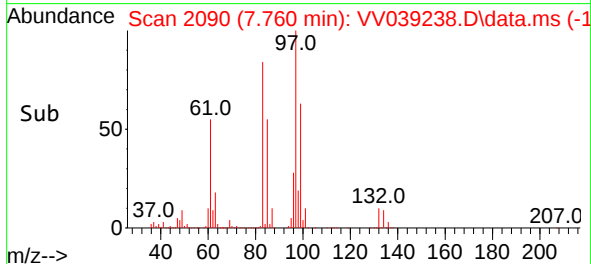


#55
1,1,2-Trichloroethane
Concen: 51.456 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

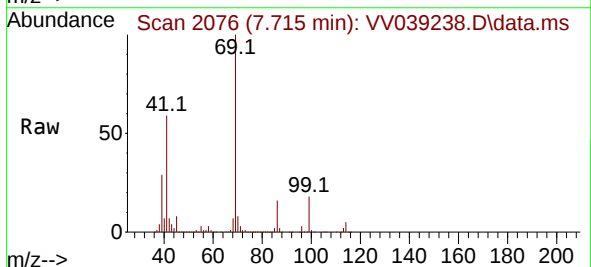
Instrument :
MSVOA_V
ClientSampleId :



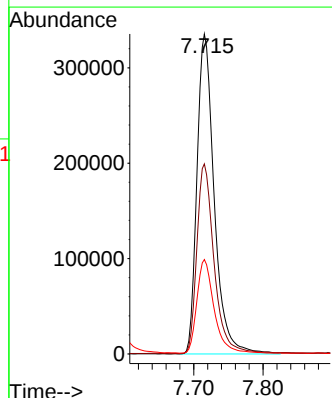
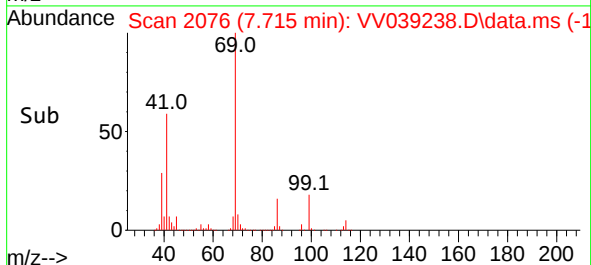
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	71.1	106.7
85	55.3	44.6	67.0
99	62.7	50.6	76.0

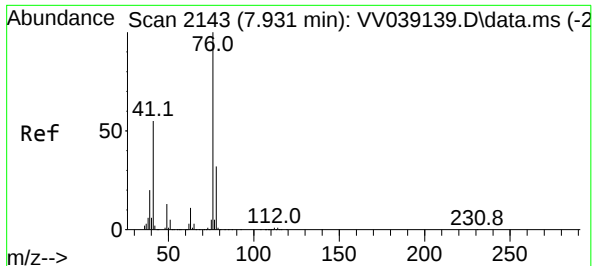


#56
Ethyl methacrylate
Concen: 59.454 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	50.7	76.1
39	29.0	26.0	39.0

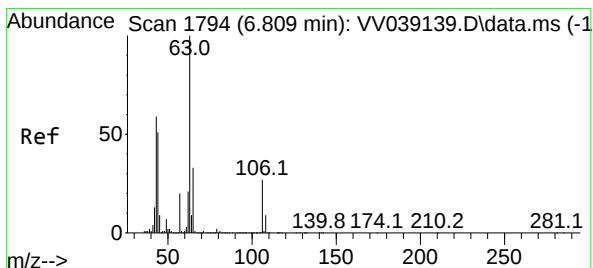
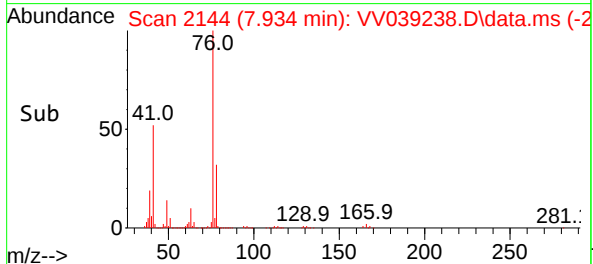
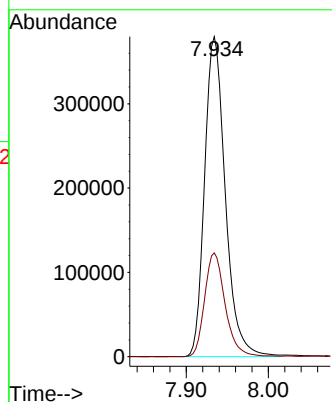
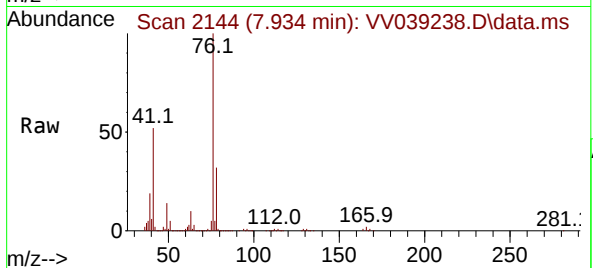




#57
 1,3-Dichloropropane
 Concen: 51.116 ug/l
 RT: 7.934 min Scan# 2143
 Delta R.T. 0.003 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

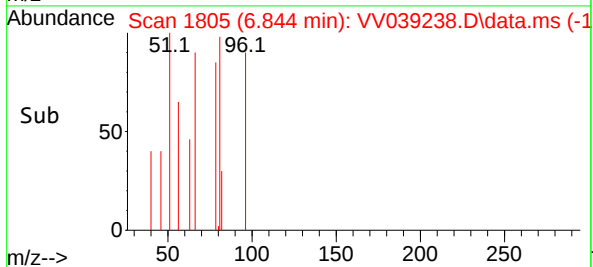
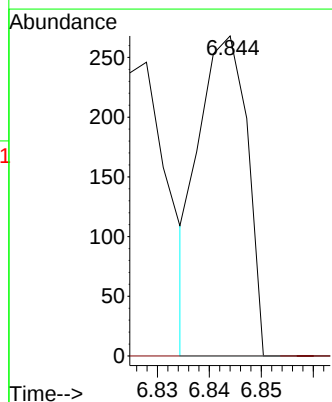
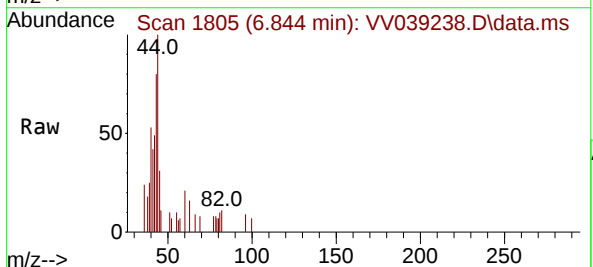
Instrument :
 MSVOA_V
 ClientSampleId :

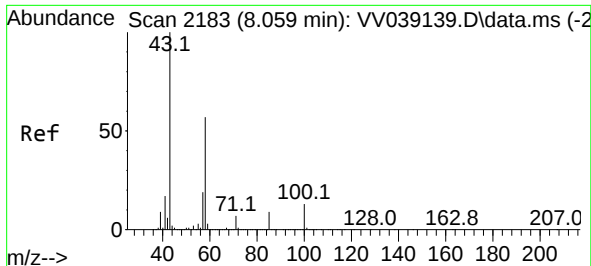
Tgt Ion: 76 Resp: 665587
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 9.653 ug/l
 RT: 6.844 min Scan# 1805
 Delta R.T. 0.035 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

Tgt Ion: 63 Resp: 172
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.1 33.1#

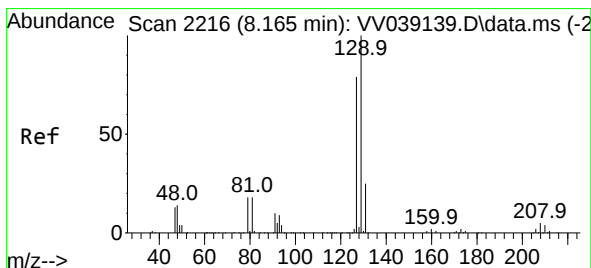
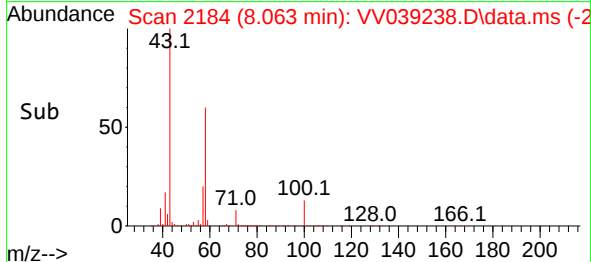
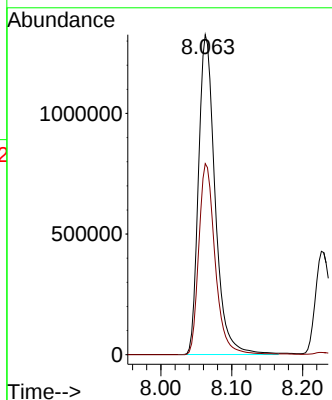
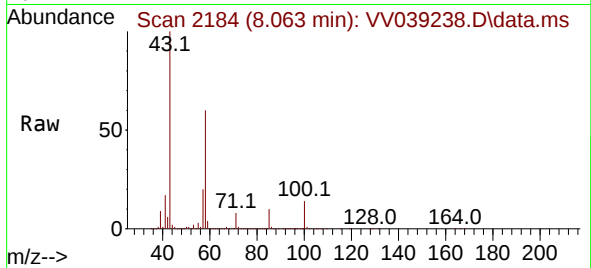




#59
2-Hexanone
Concen: 251.657 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

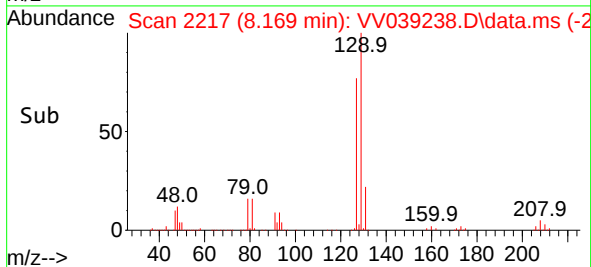
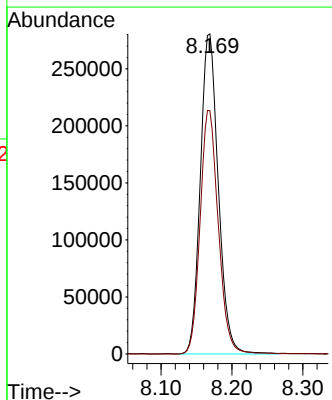
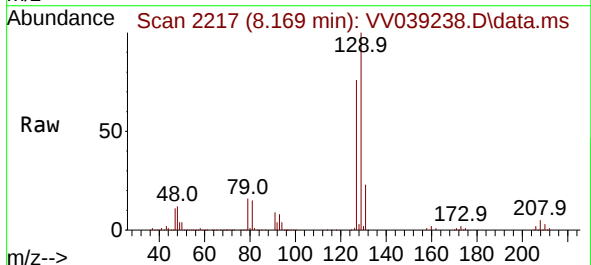
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2155011
Ion Ratio Lower Upper
43 100
58 59.3 28.3 85.0



#60
Dibromochloromethane
Concen: 52.620 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

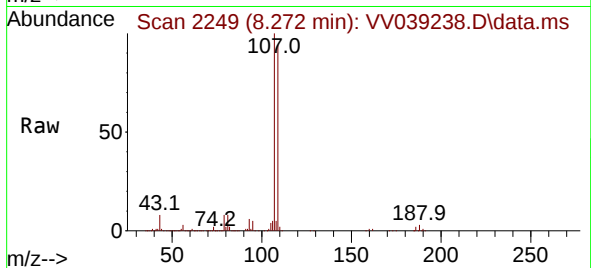
Tgt Ion:129 Resp: 494699
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.9



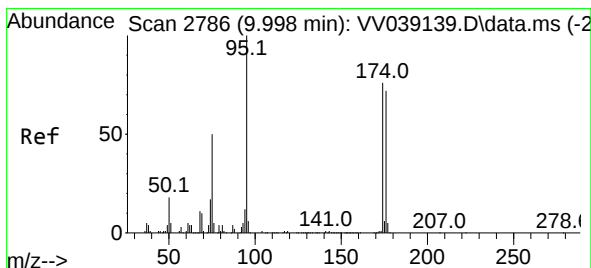
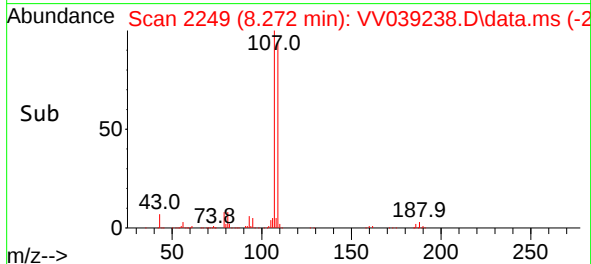
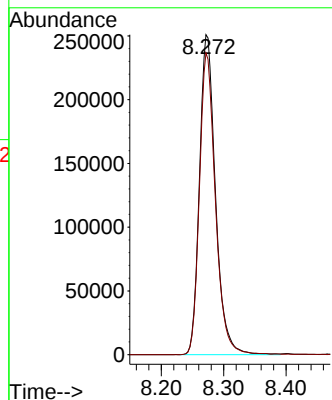


#61
1,2-Dibromoethane
Concen: 53.102 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Instrument :
MSVOA_V
ClientSampleId :

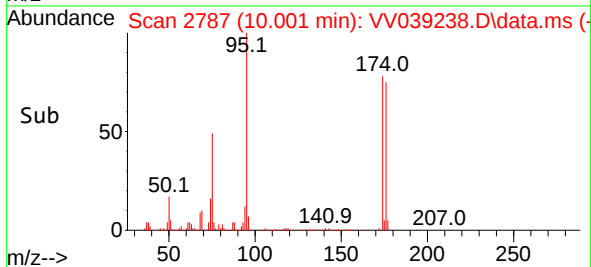
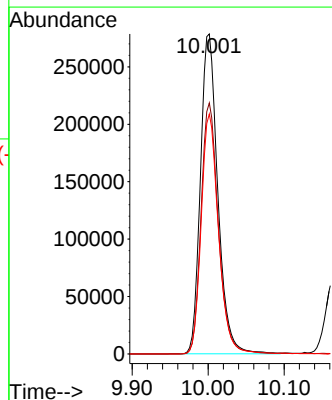
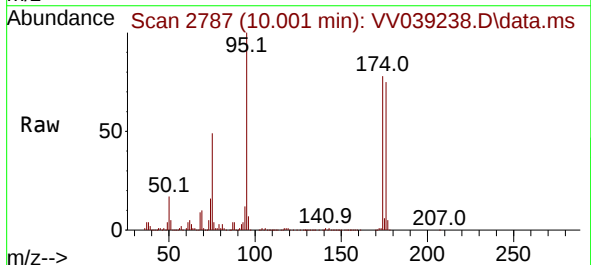


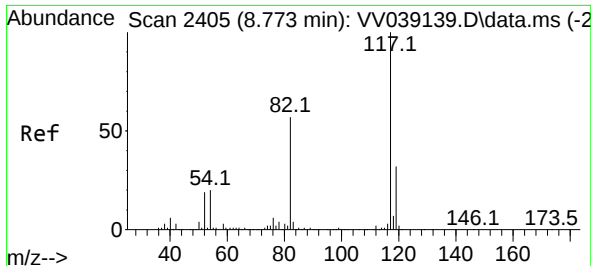
Tgt Ion:107 Resp: 448069
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 56.800 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 95 Resp: 442703
Ion Ratio Lower Upper
95 100
174 78.4 0.0 150.4
176 74.7 0.0 144.2

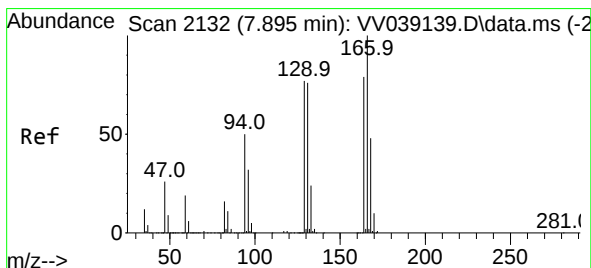
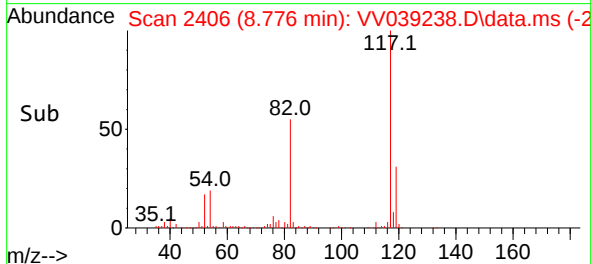
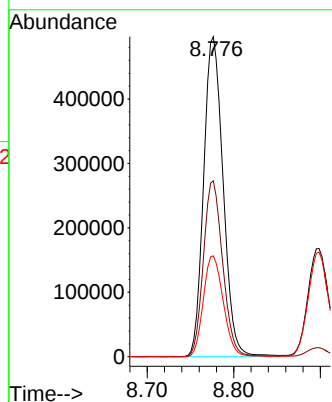
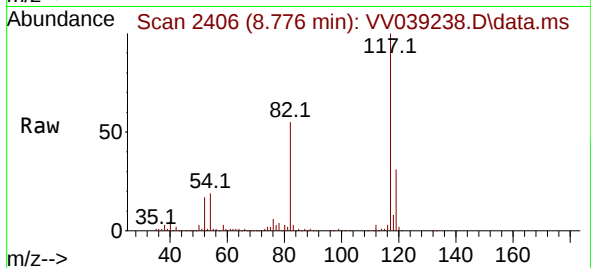




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

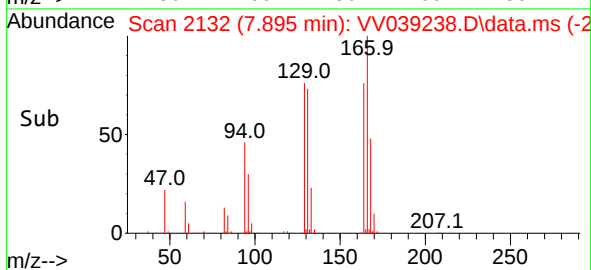
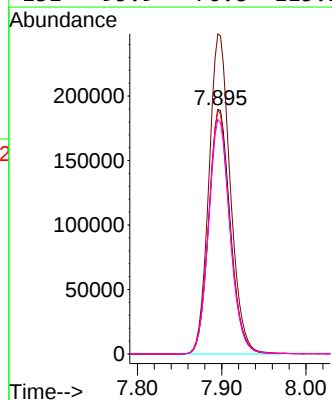
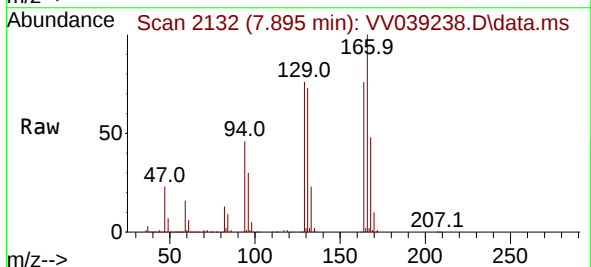
Instrument :
MSVOA_V
ClientSampleId :

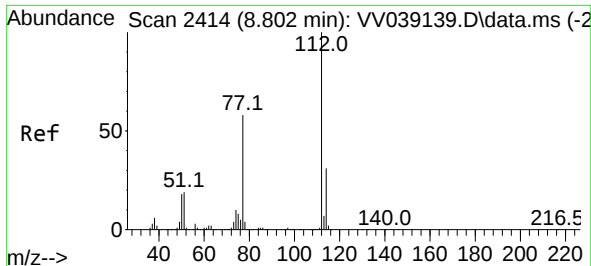
Tgt Ion:117 Resp: 776445
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 51.720 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:164 Resp: 336355
Ion Ratio Lower Upper
164 100
166 130.9 101.6 152.4
129 99.6 78.5 117.7
131 95.9 76.8 115.2

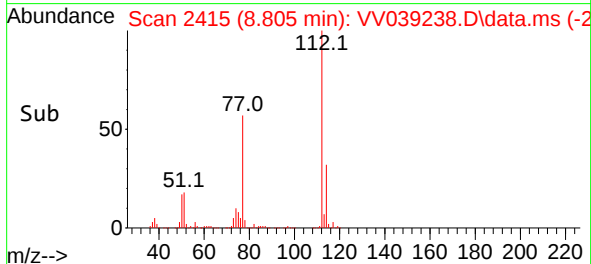
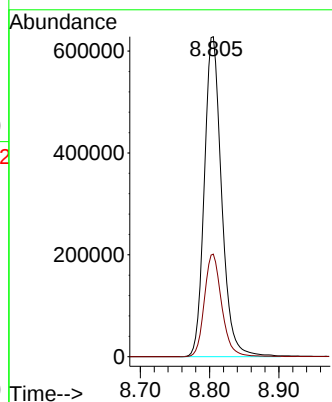
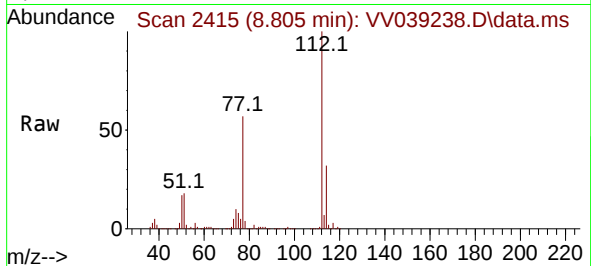




#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

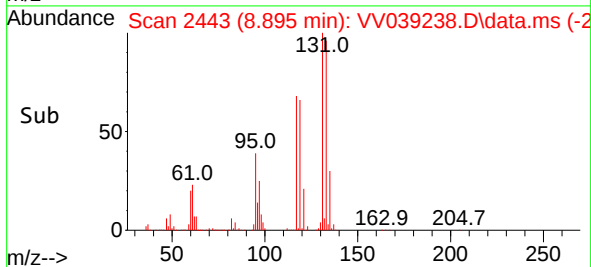
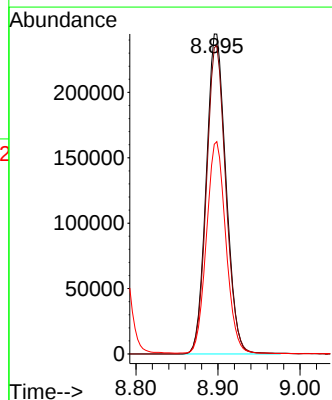
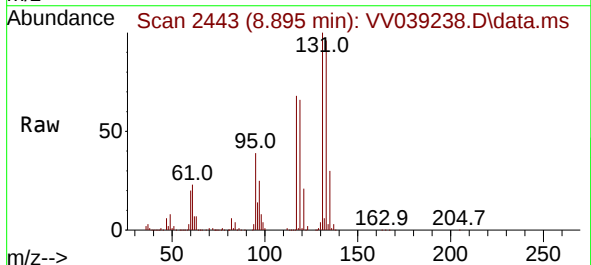
Instrument :
MSVOA_V
ClientSampleId :

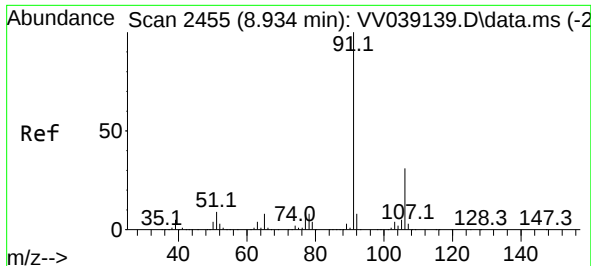
Tgt Ion:112 Resp: 1088354
Ion Ratio Lower Upper
112 100
114 32.0 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.289 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:131 Resp: 408617
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 65.0 33.3 99.8





#67

Ethyl Benzene

Concen: 55.133 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

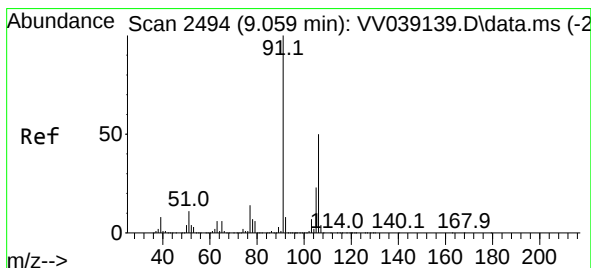
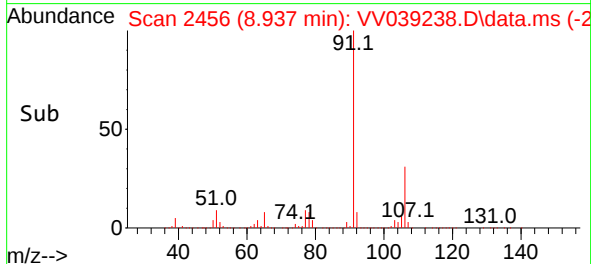
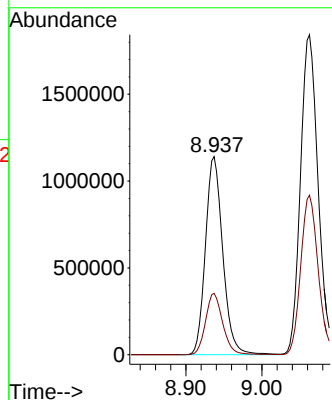
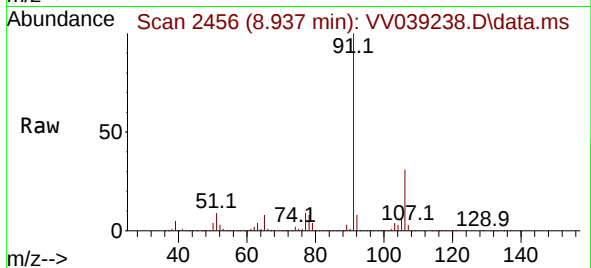
ClientSampleId :

Tgt Ion: 91 Resp: 1804937

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 117.156 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039238.D

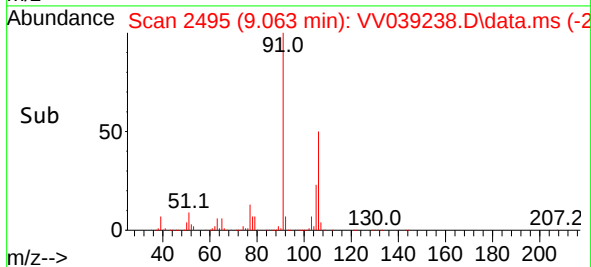
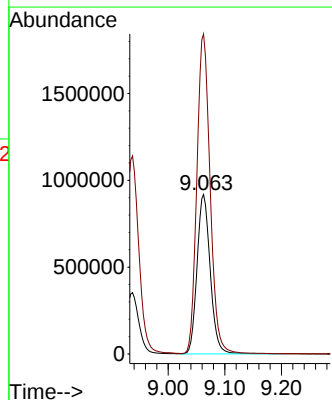
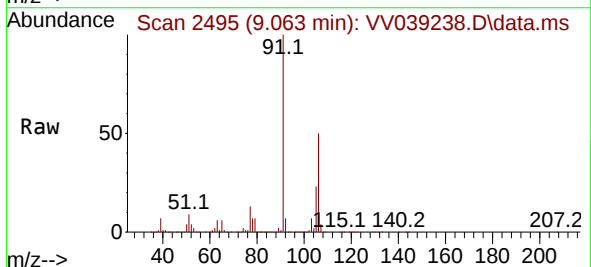
Acq: 29 Sep 2025 17:38

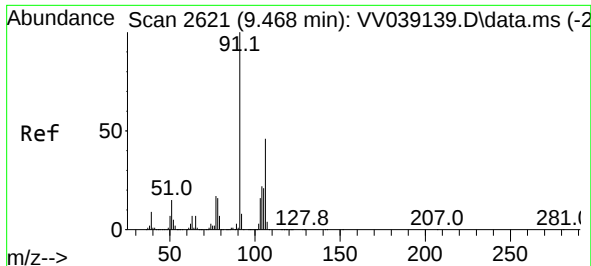
Tgt Ion:106 Resp: 1480331

Ion Ratio Lower Upper

106 100

91 202.1 162.5 243.7





#69

o-Xylene

Concen: 58.228 ug/l

RT: 9.468 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

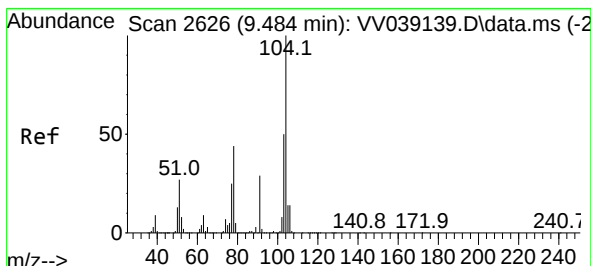
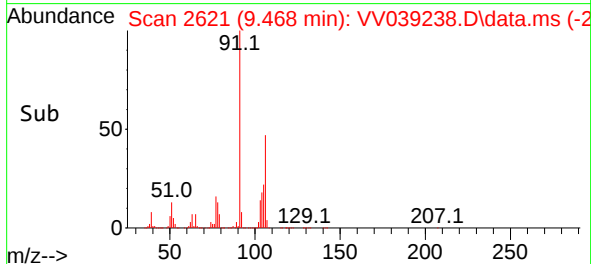
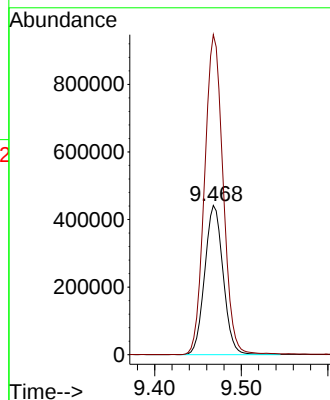
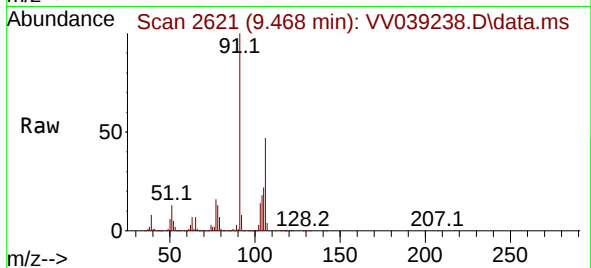
ClientSampleId :

Tgt Ion:106 Resp: 651457

Ion Ratio Lower Upper

106 100

91 215.9 109.1 327.3



#70

Styrene

Concen: 52.111 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

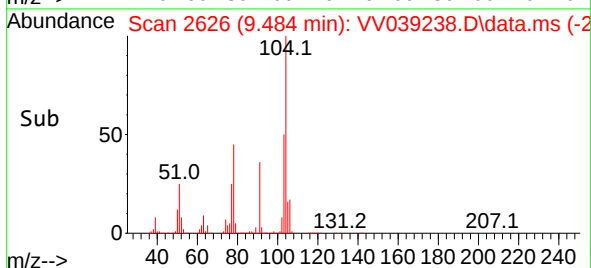
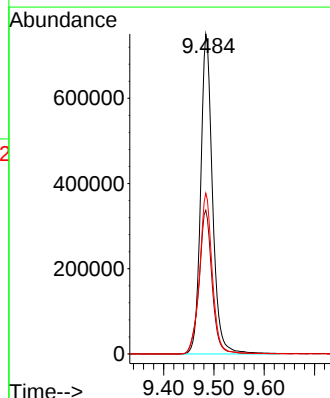
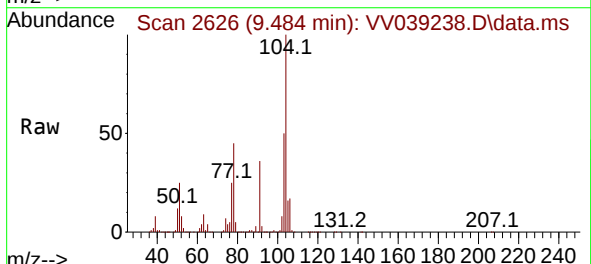
Tgt Ion:104 Resp: 1236246

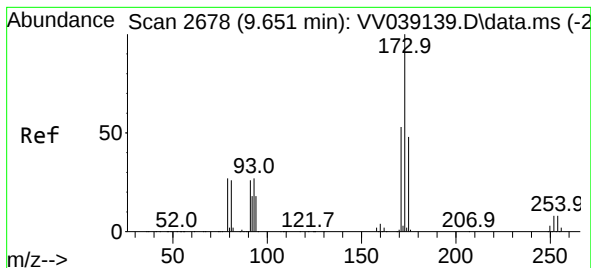
Ion Ratio Lower Upper

104 100

78 48.7 39.8 59.6

103 54.1 43.4 65.2





#71

Bromoform

Concen: 57.122 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

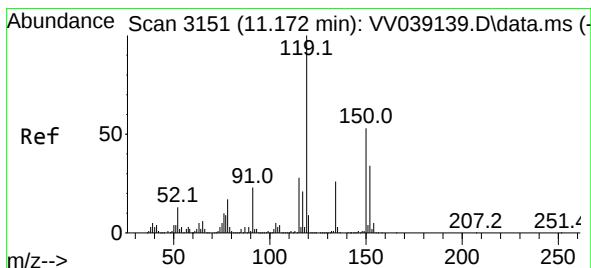
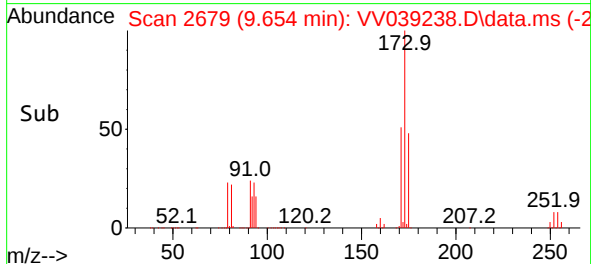
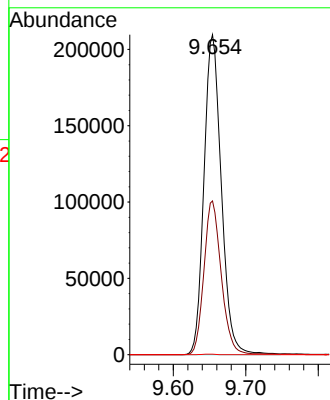
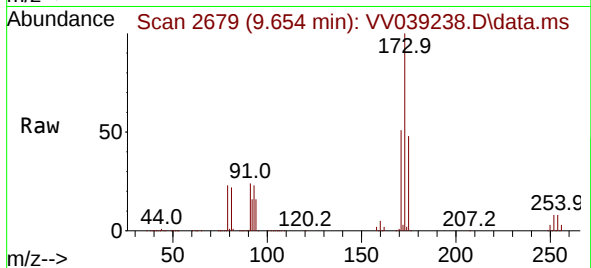
Tgt Ion:173 Resp: 348675

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

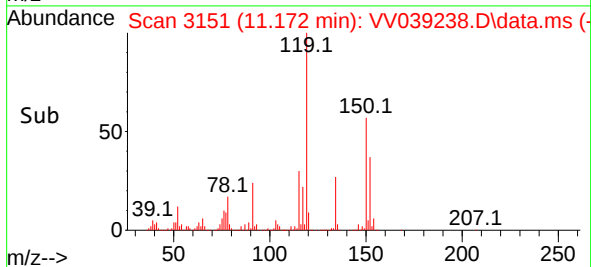
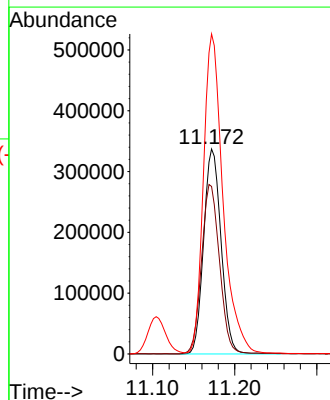
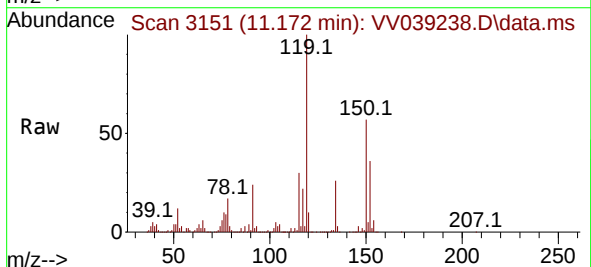
Tgt Ion:152 Resp: 497049

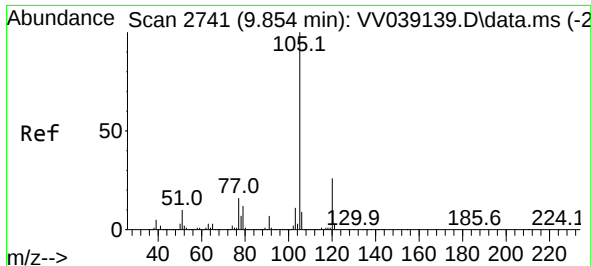
Ion Ratio Lower Upper

152 100

115 85.1 44.8 134.4

150 174.8 0.0 353.8

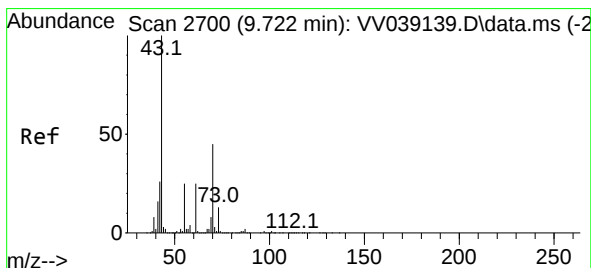
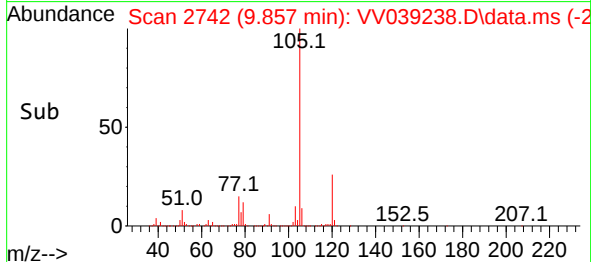
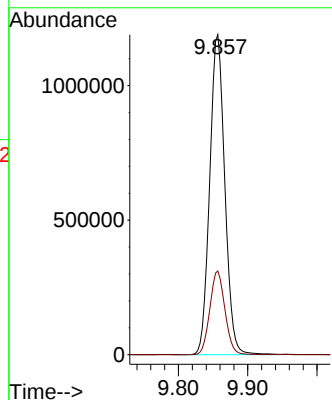
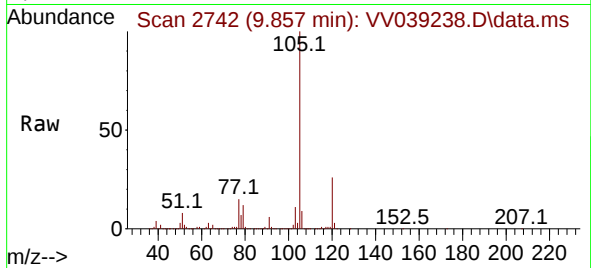




#73
Isopropylbenzene
Concen: 49.780 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

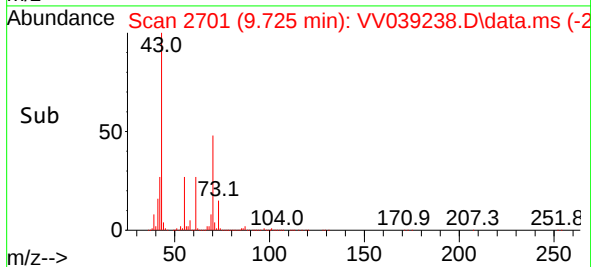
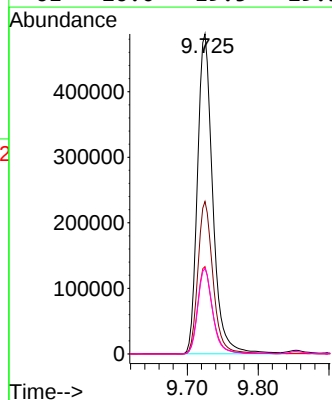
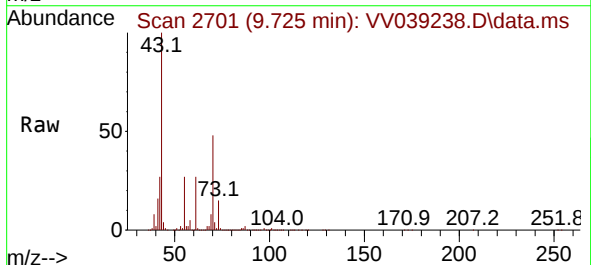
Instrument :
MSVOA_V
ClientSampleId :

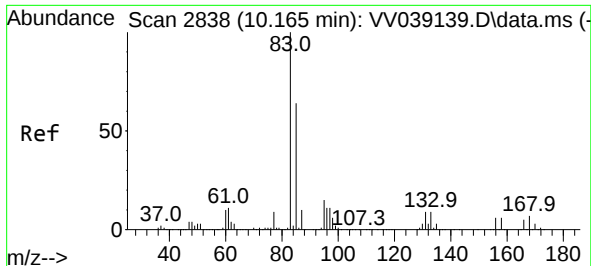
Tgt Ion:105 Resp: 1794634
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 50.831 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 43 Resp: 730955
Ion Ratio Lower Upper
43 100
70 47.2 35.4 53.0
55 27.0 20.6 30.8
61 26.0 19.5 29.3

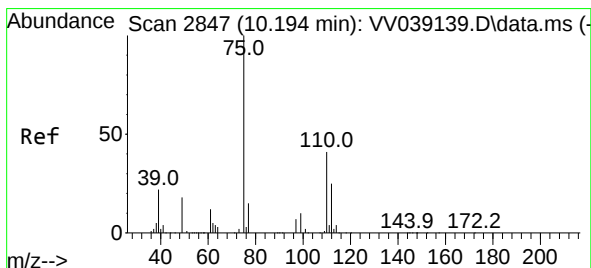
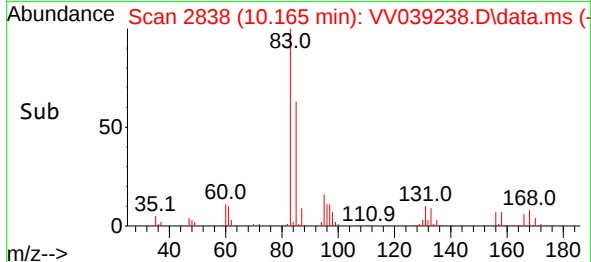
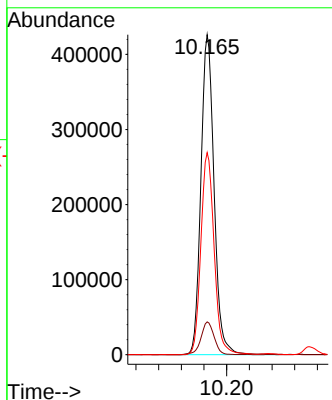
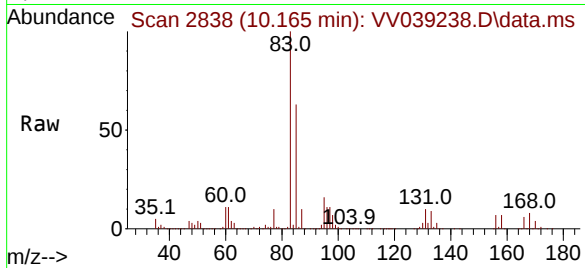




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.414 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

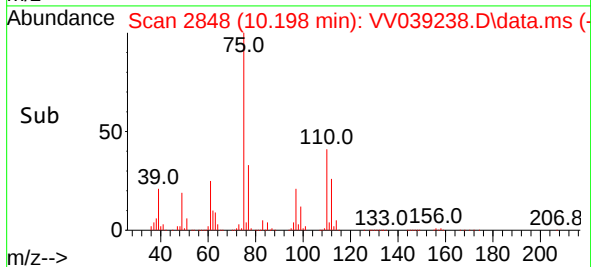
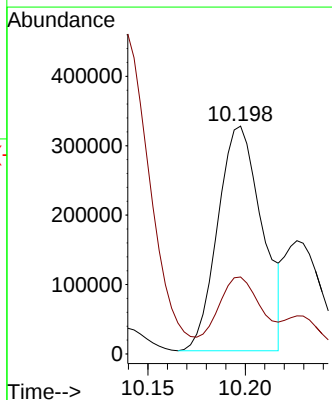
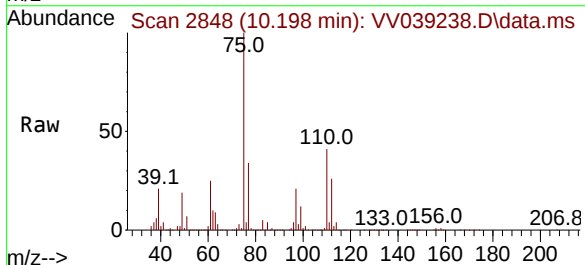
Instrument :
 MSVOA_V
 ClientSampleId :

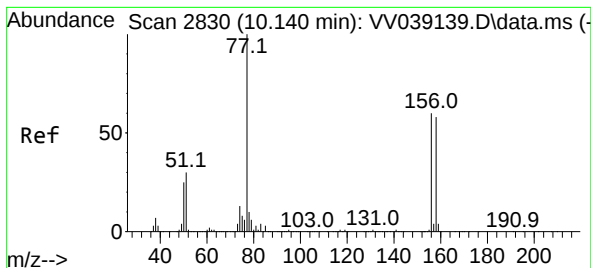
Tgt Ion: 83 Resp: 685760
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.5 13.7
 85 63.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 45.346 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039238.D
 Acq: 29 Sep 2025 17:38

Tgt Ion: 75 Resp: 513184
 Ion Ratio Lower Upper
 75 100
 77 23.3 11.3 33.8





#77

Bromobenzene

Concen: 49.012 ug/l

RT: 10.140 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

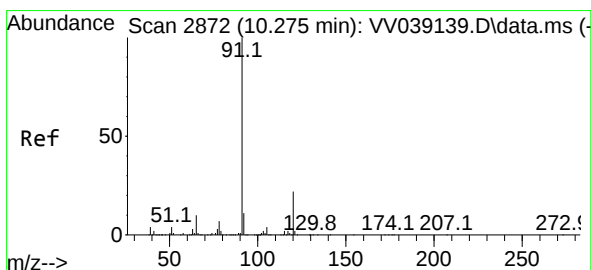
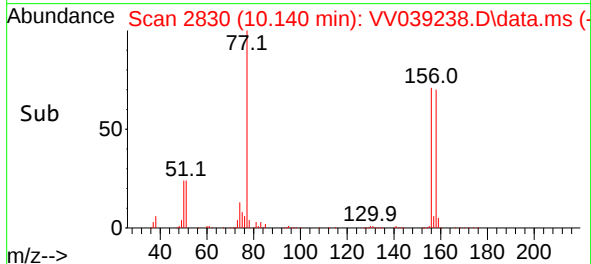
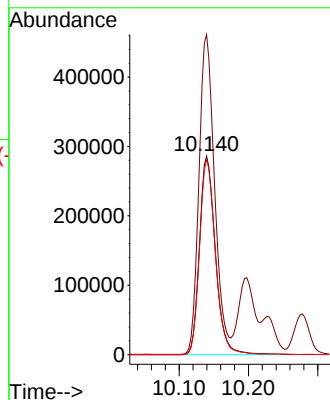
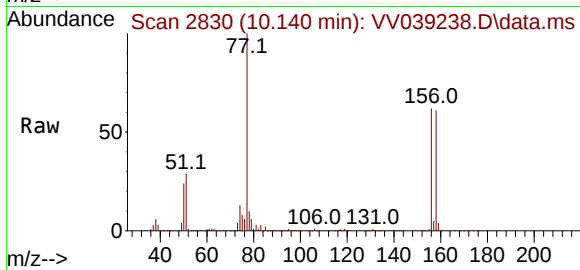
Tgt Ion:156 Resp: 458429

Ion Ratio Lower Upper

156 100

77 157.7 83.4 250.1

158 97.5 48.8 146.4



#78

n-propylbenzene

Concen: 49.233 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039238.D

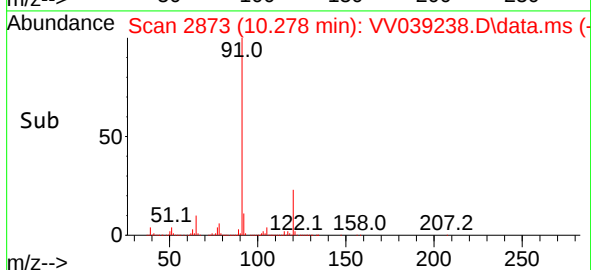
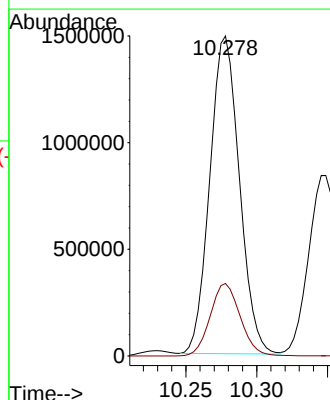
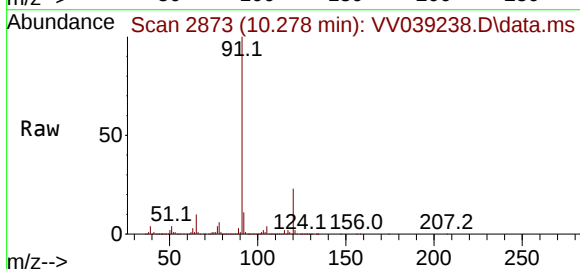
Acq: 29 Sep 2025 17:38

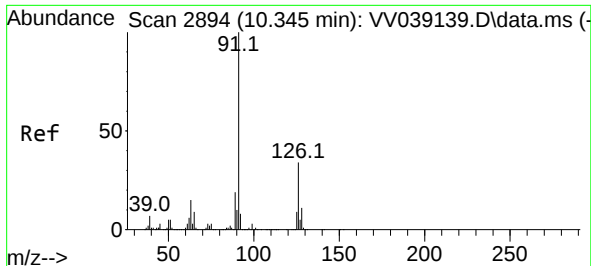
Tgt Ion: 91 Resp: 2161429

Ion Ratio Lower Upper

91 100

120 23.2 11.1 33.3

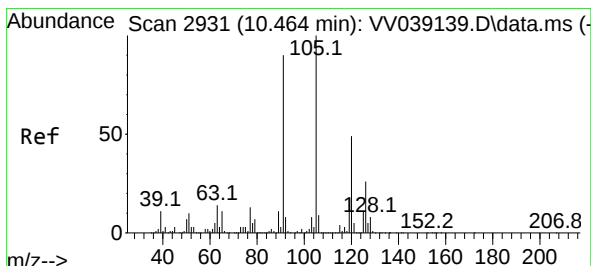
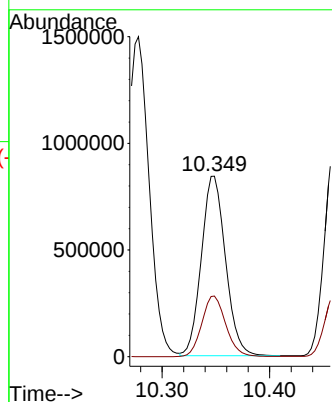
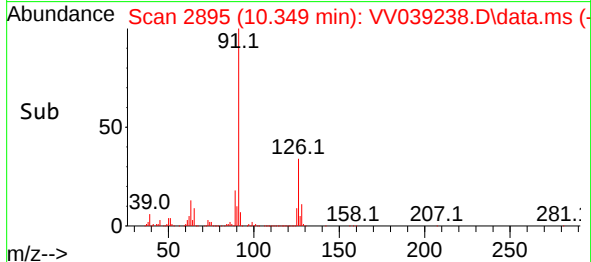
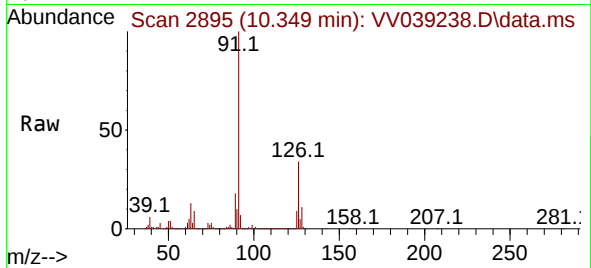




#79
2-Chlorotoluene
Concen: 50.010 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

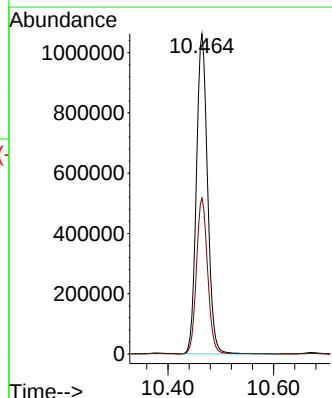
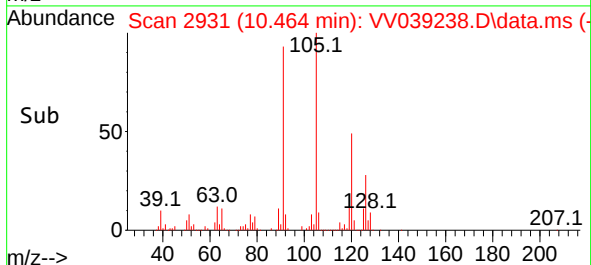
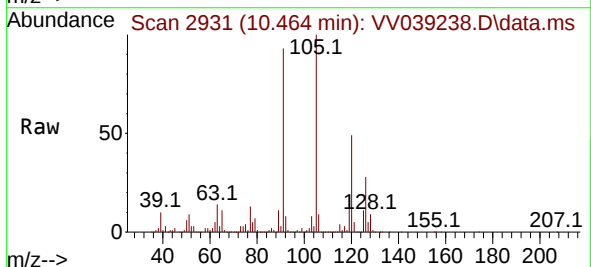
Instrument :
MSVOA_V
ClientSampleId :

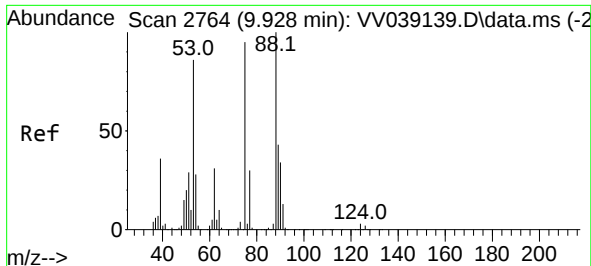
Tgt Ion: 91 Resp: 1313750
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 51.751 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:105 Resp: 1550730
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

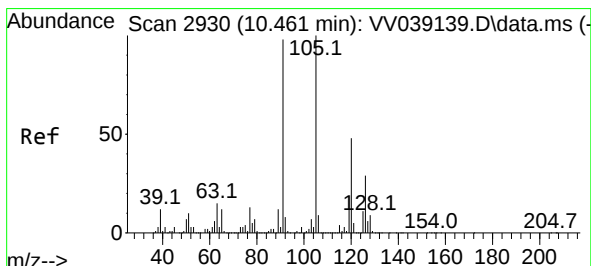
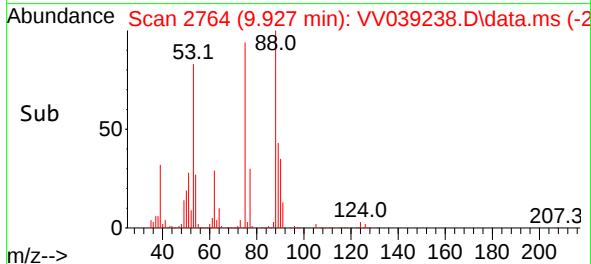
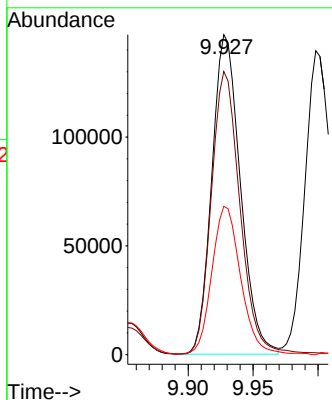
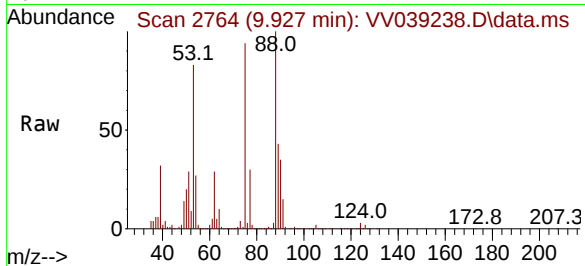




#81
trans-1,4-Dichloro-2-butene
Concen: 47.618 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

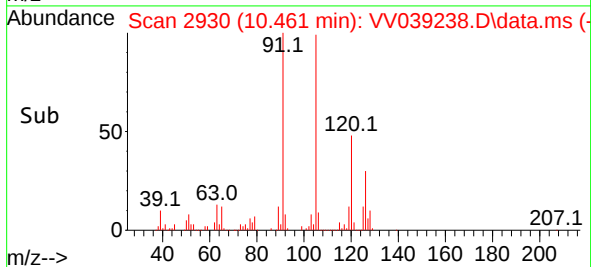
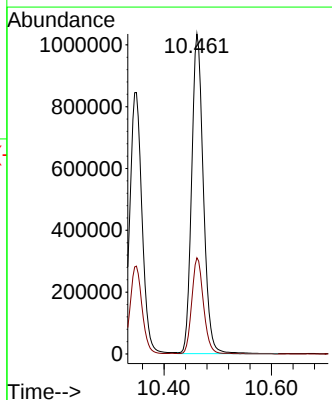
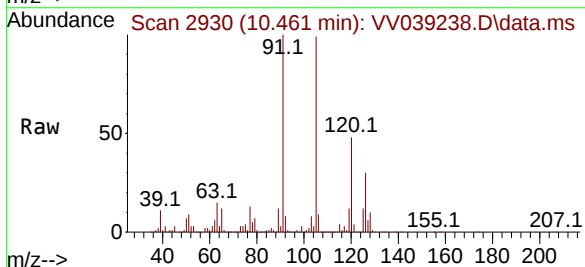
Instrument :
MSVOA_V
ClientSampleId :

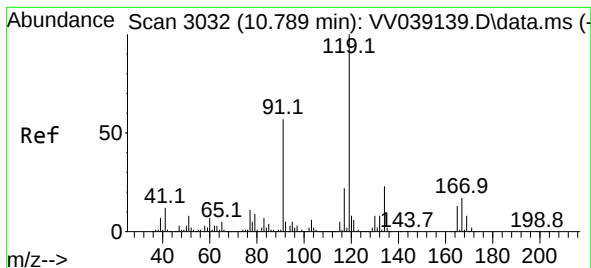
Tgt Ion: 75 Resp: 224474
Ion Ratio Lower Upper
75 100
53 88.3 72.5 108.7
89 47.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.389 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 91 Resp: 1565365
Ion Ratio Lower Upper
91 100
126 29.8 14.5 43.6





#83

tert-Butylbenzene

Concen: 49.102 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

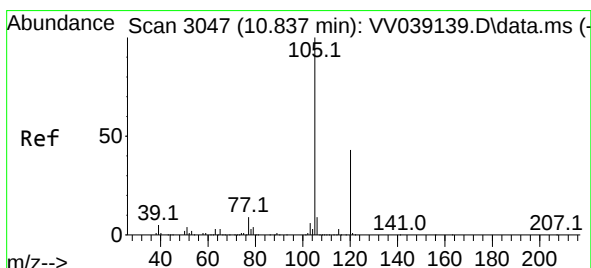
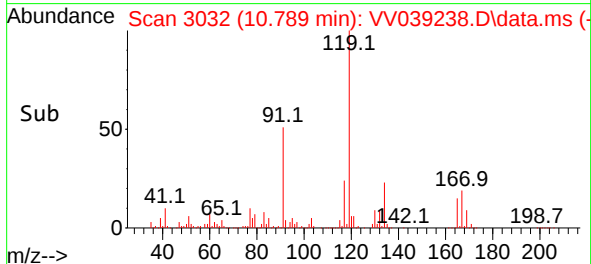
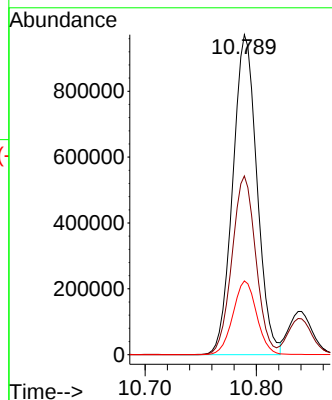
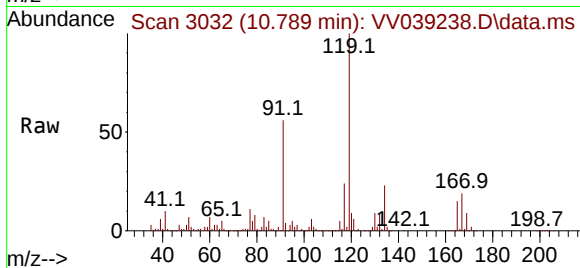
Tgt Ion:119 Resp: 1467159

Ion Ratio Lower Upper

119 100

91 55.1 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 52.732 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039238.D

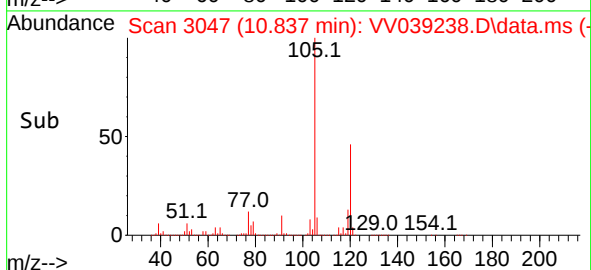
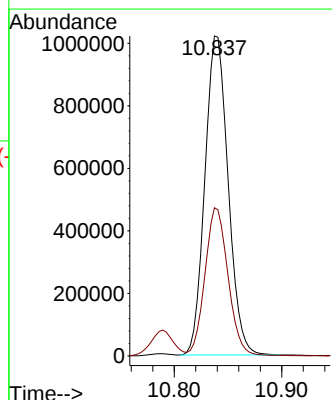
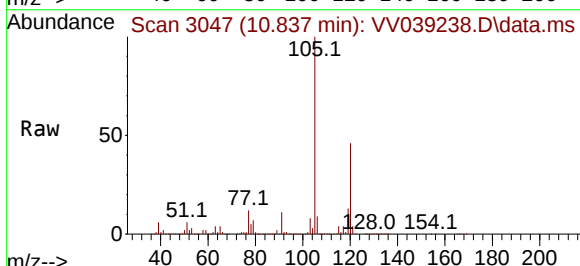
Acq: 29 Sep 2025 17:38

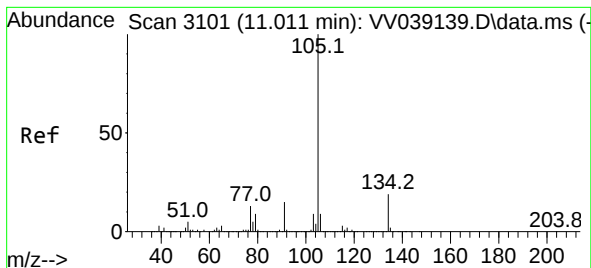
Tgt Ion:105 Resp: 1534040

Ion Ratio Lower Upper

105 100

120 46.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 46.872 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

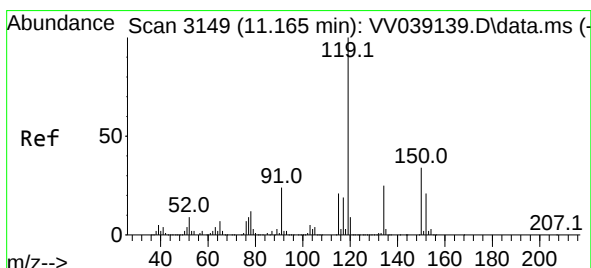
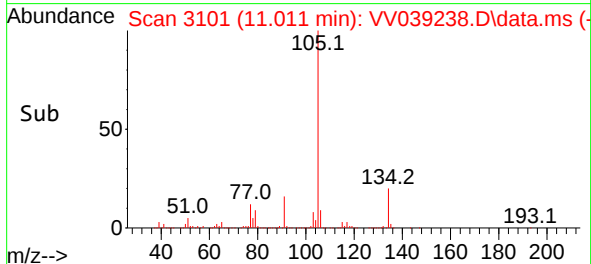
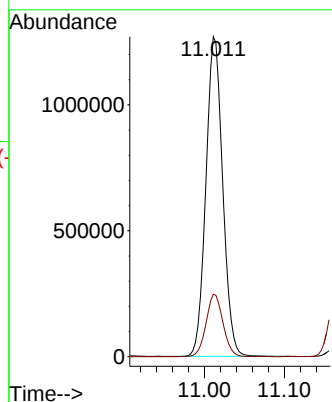
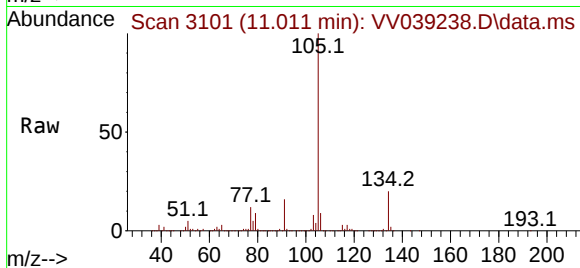
ClientSampleId :

Tgt Ion:105 Resp: 1857611

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 47.979 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

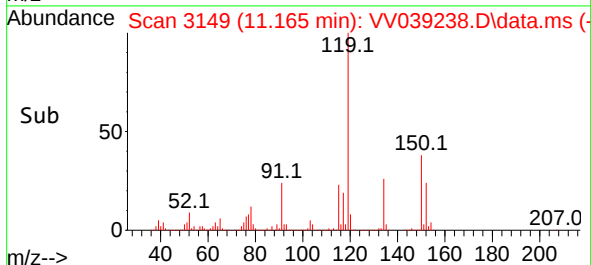
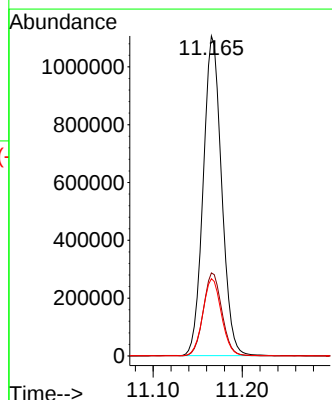
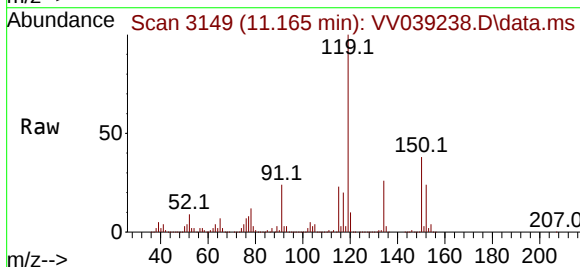
Tgt Ion:119 Resp: 1582644

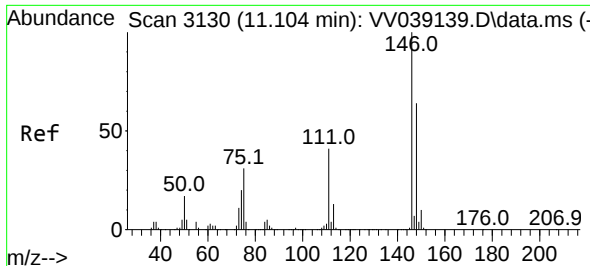
Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.0

91 24.5 12.0 36.1

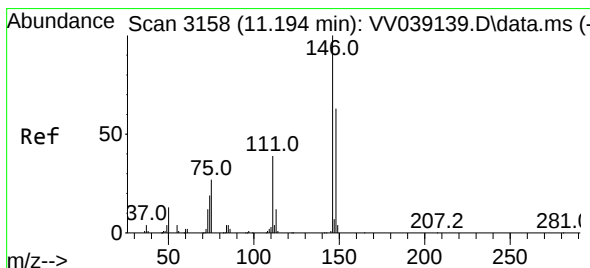
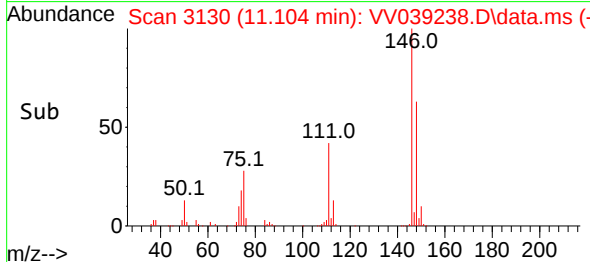
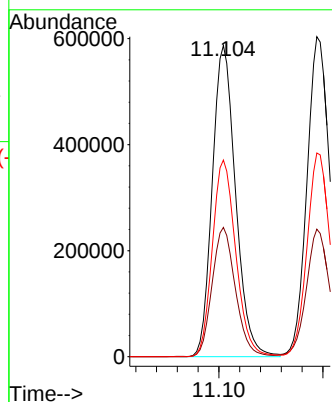
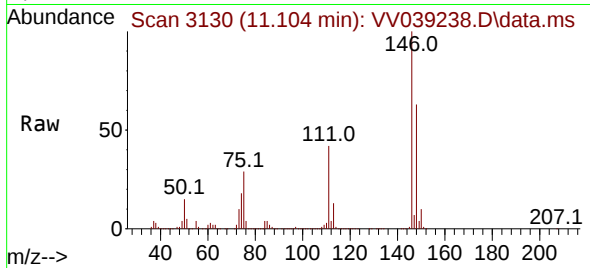




#87
1,3-Dichlorobenzene
Concen: 48.268 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

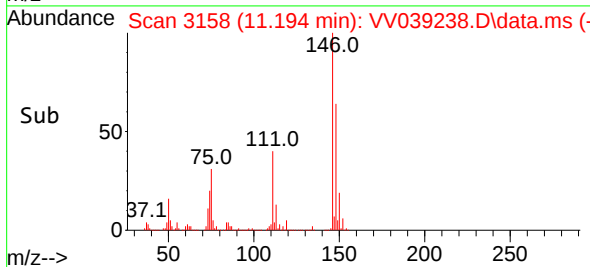
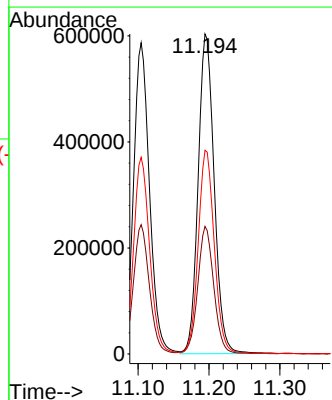
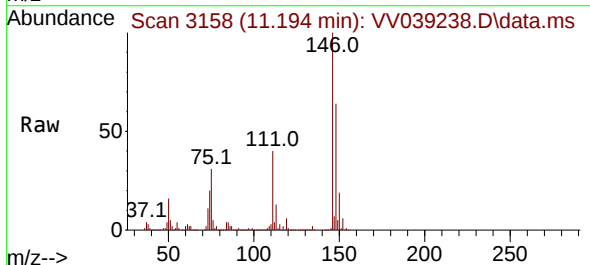
Instrument :
MSVOA_V
ClientSampleId :

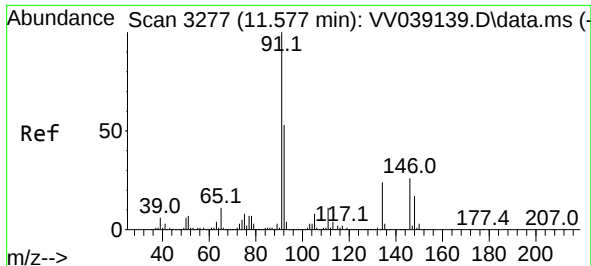
Tgt Ion:146 Resp: 913700
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 63.6 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 45.793 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:146 Resp: 951037
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.8
148 63.7 31.4 94.2





#89

n-Butylbenzene

Concen: 47.022 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

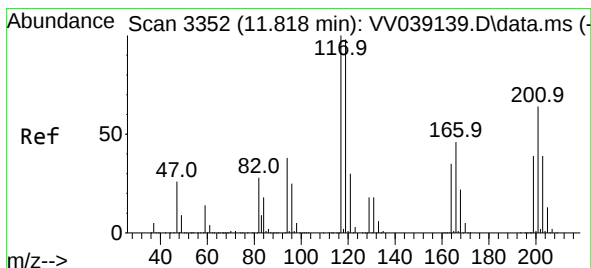
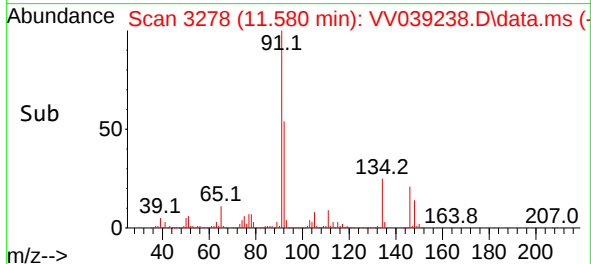
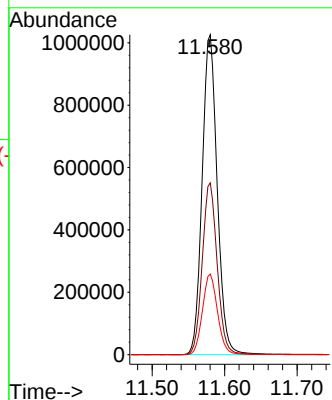
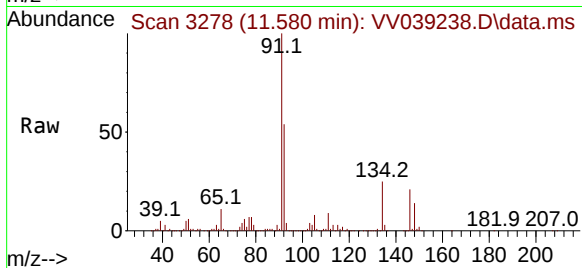
Tgt Ion: 91 Resp: 1481352

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.8

134 25.3 12.1 36.3



#90

Hexachloroethane

Concen: 40.507 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039238.D

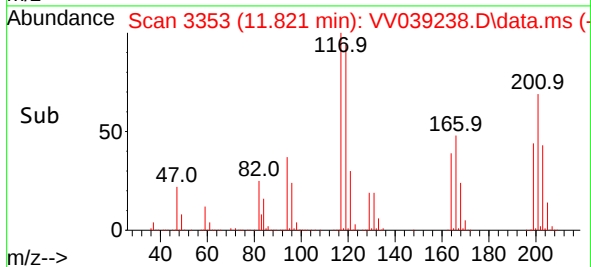
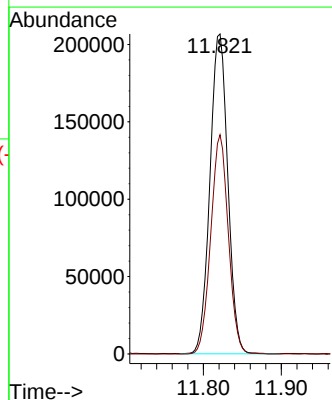
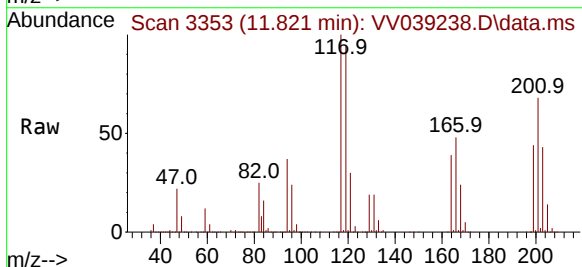
Acq: 29 Sep 2025 17:38

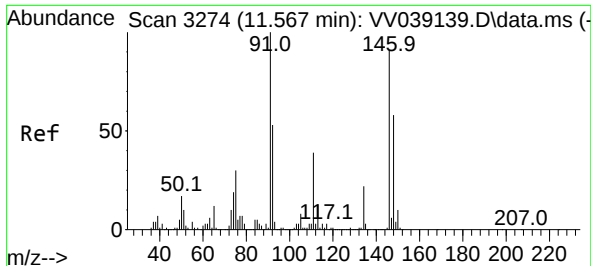
Tgt Ion: 117 Resp: 329035

Ion Ratio Lower Upper

117 100

201 67.4 32.3 96.8

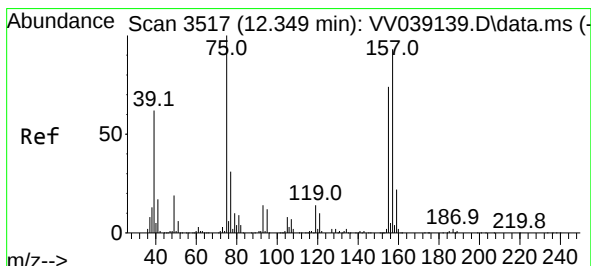
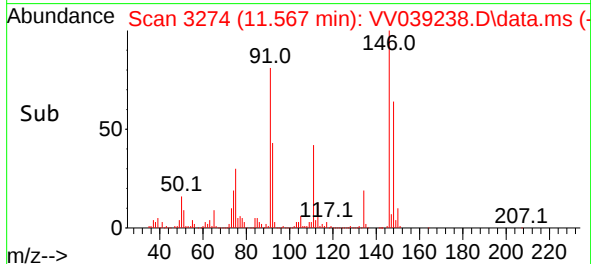
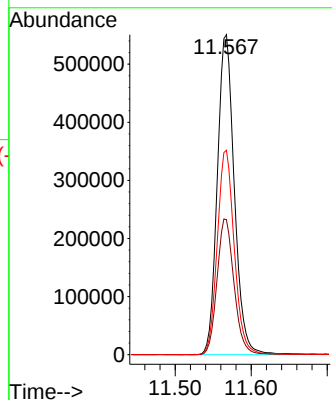
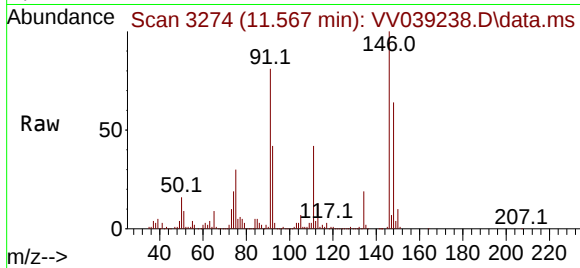




#91
1,2-Dichlorobenzene
Concen: 48.321 ug/l
RT: 11.567 min Scan# 3117
Delta R.T. 0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

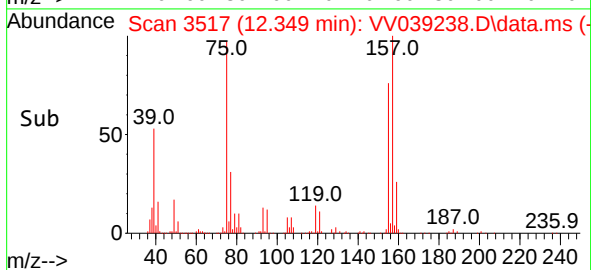
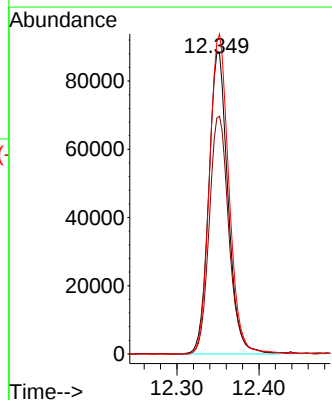
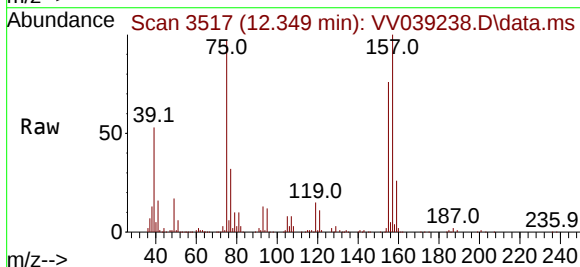
Instrument :
MSVOA_V
ClientSampleId :

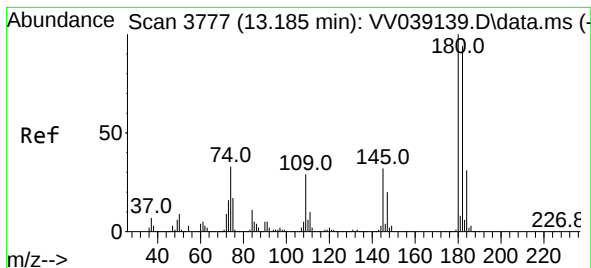
Tgt Ion:146 Resp: 854599
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 64.2 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.939 ug/l
RT: 12.349 min Scan# 3517
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion: 75 Resp: 144885
Ion Ratio Lower Upper
75 100
155 80.1 38.6 115.8
157 107.2 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 50.049 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

Instrument :

MSVOA_V

ClientSampleId :

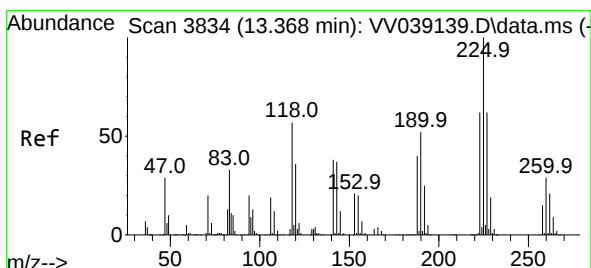
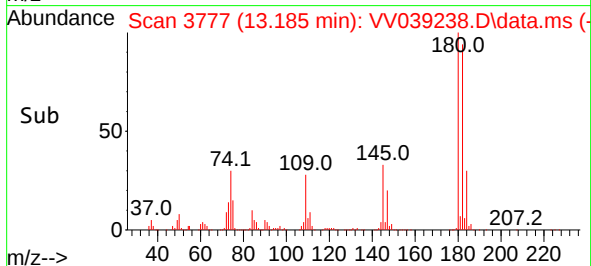
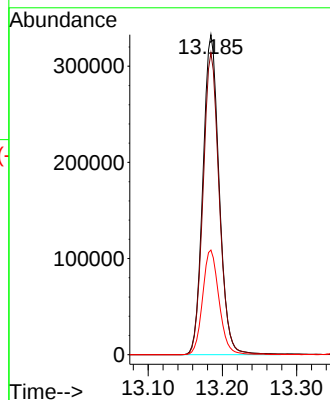
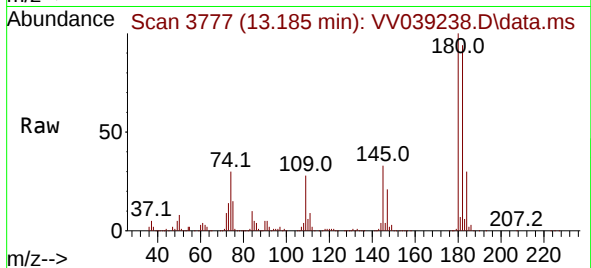
Tgt Ion:180 Resp: 507400

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.4

145 33.0 16.3 48.8



#94

Hexachlorobutadiene

Concen: 38.945 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039238.D

Acq: 29 Sep 2025 17:38

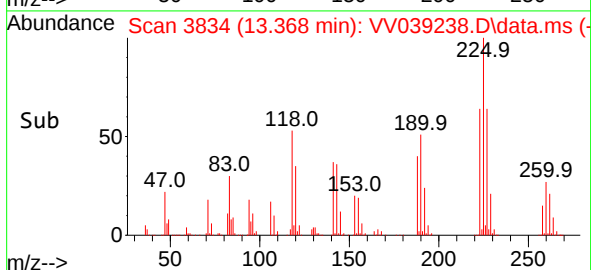
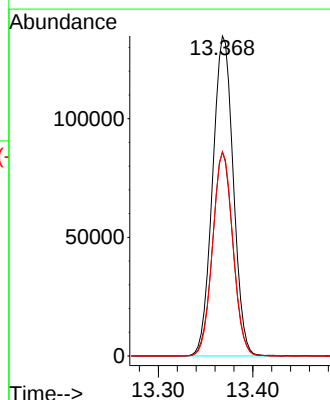
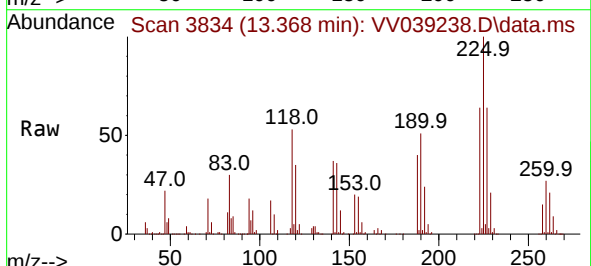
Tgt Ion:225 Resp: 205155

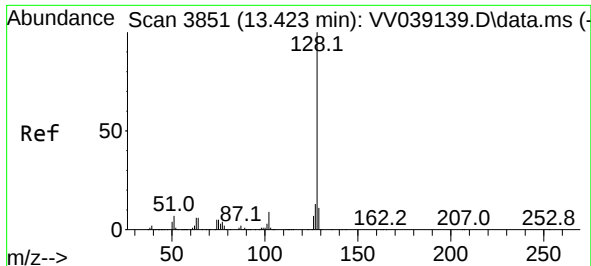
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.7

227 62.4 31.8 95.4

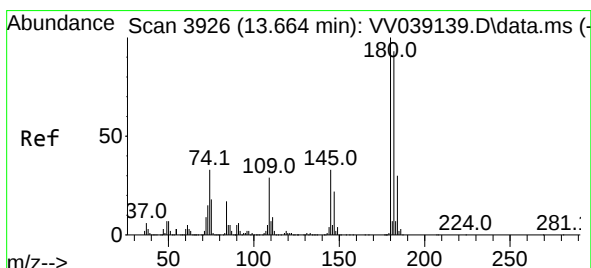
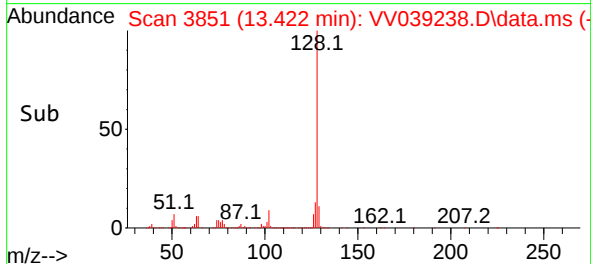
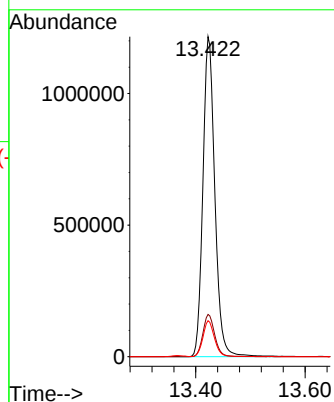
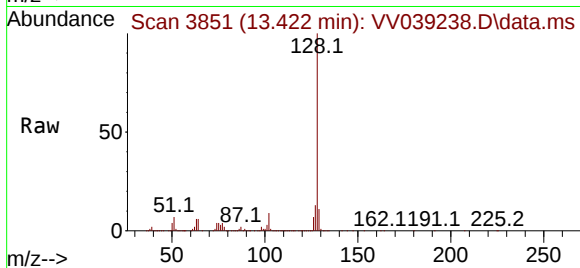




#95
Naphthalene
Concen: 56.086 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.001 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1837825
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.663 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. -0.000 min
Lab File: VV039238.D
Acq: 29 Sep 2025 17:38

Tgt Ion:180 Resp: 525316
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.8
145 34.0 17.0 51.0

