

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039172.D
 Acq On : 25 Sep 2025 11:48
 Operator : SY/MD
 Sample : VV0925WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:22:42 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	527975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	865164	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	836399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	484759	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	356860	46.701	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.400%
35) Dibromofluoromethane	4.503	113	332584	47.818	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.640%
50) Toluene-d8	7.236	98	960728	47.031	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.060%
62) 4-Bromofluorobenzene	10.001	95	431008	51.253	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	156094	18.676	ug/l	95
3) Chloromethane	1.230	50	169491	18.890	ug/l	99
4) Vinyl Chloride	1.294	62	182486	18.998	ug/l	99
5) Bromomethane	1.497	94	113256	18.704	ug/l	99
6) Chloroethane	1.561	64	120800	20.082	ug/l	99
7) Trichlorofluoromethane	1.725	101	270857	19.476	ug/l	98
8) Diethyl Ether	1.918	74	106309	20.592	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	160847	19.438	ug/l	97
10) Methyl Iodide	2.198	142	138648	17.595	ug/l	99
11) Tert butyl alcohol	2.574	59	200746	124.299	ug/l	99
12) 1,1-Dichloroethene	2.082	96	153686	19.306	ug/l	96
13) Acrolein	2.011	56	36547	130.413	ug/l	99
14) Allyl chloride	2.359	41	278263	19.569	ug/l	98
15) Acrylonitrile	2.677	53	560270	108.218	ug/l	99
16) Acetone	2.121	43	482224	95.512	ug/l	100
17) Carbon Disulfide	2.253	76	461861	18.971	ug/l	100
18) Methyl Acetate	2.381	43	265851	23.481	ug/l	100
19) Methyl tert-butyl Ether	2.716	73	532539	20.994	ug/l	98
20) Methylene Chloride	2.455	84	185193	20.917	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	167279	19.739	ug/l	97
22) Diisopropyl ether	3.217	45	535375	19.678	ug/l	80
23) Vinyl Acetate	3.191	43	2414590	101.455	ug/l	99
24) 1,1-Dichloroethane	3.117	63	318500	19.144	ug/l	99
25) 2-Butanone	3.873	43	647919	105.887	ug/l	95
26) 2,2-Dichloropropane	3.812	77	249477	16.911	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	181294	19.397	ug/l	99
28) Bromochloromethane	4.150	49	150472	20.487	ug/l	91
29) Tetrahydrofuran	4.243	42	426781	111.431	ug/l	98
30) Chloroform	4.281	83	326474	18.792	ug/l	97
31) Cyclohexane	4.584	56	246972	18.121	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	284897	18.942	ug/l	98
36) 1,1-Dichloropropene	4.748	75	197517	18.783	ug/l	99
37) Ethyl Acetate	3.986	43	250748	19.651	ug/l	98
38) Carbon Tetrachloride	4.735	117	239360	18.625	ug/l	99
39) Methylcyclohexane	6.047	83	241054	18.982	ug/l	98
40) Benzene	5.011	78	670758	19.588	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	105510	19.500	ug/l	94
42) 1,2-Dichloroethane	5.043	62	234332	19.531	ug/l	99
43) Isopropyl Acetate	5.198	43	358115	20.584	ug/l	99
44) Trichloroethene	5.834	130	159904	20.237	ug/l	99
45) 1,2-Dichloropropane	6.092	63	170175	19.994	ug/l	99
46) Dibromomethane	6.230	93	135890	20.860	ug/l	99
47) Bromodichloromethane	6.429	83	264650	19.651	ug/l	97
48) Methyl methacrylate	6.301	41	155350	19.698	ug/l	96
49) 1,4-Dioxane	6.297	88	61290	481.572	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	1323865	115.665	ug/l	100
52) Toluene	7.310	92	419567	21.133	ug/l	97
53) t-1,3-Dichloropropene	7.577	75	240538	20.495	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	273300	21.094	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	187397	21.051	ug/l	96
56) Ethyl methacrylate	7.719	69	219874	20.798	ug/l	98
57) 1,3-Dichloropropane	7.937	76	285998	20.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	517852	93.034	ug/l	98
59) 2-Hexanone	8.066	43	963897	105.686	ug/l	100
60) Dibromochloromethane	8.169	129	202924	20.005	ug/l	100
61) 1,2-Dibromoethane	8.275	107	193140	21.214	ug/l	99
64) Tetrachloroethene	7.895	164	140090	19.997	ug/l	98
65) Chlorobenzene	8.805	112	463239	19.884	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	166251	19.750	ug/l	99
67) Ethyl Benzene	8.937	91	717398	20.343	ug/l	100
68) m/p-Xylenes	9.063	106	579633	42.585	ug/l	100
69) o-Xylene	9.468	106	256247	21.262	ug/l	95
70) Styrene	9.487	104	466254	19.177	ug/l	99
71) Bromoform	9.654	173	137603	20.927	ug/l #	100
73) Isopropylbenzene	9.857	105	720452	20.491	ug/l	100
74) N-amyl acetate	9.725	43	294176	20.976	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	306044	19.866	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	217440	19.701	ug/l	96
77) Bromobenzene	10.143	156	183447	20.110	ug/l	99
78) n-propylbenzene	10.278	91	877708	20.499	ug/l	100
79) 2-Chlorotoluene	10.349	91	537624	20.985	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	615992	21.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	92514	20.123	ug/l	98
82) 4-Chlorotoluene	10.464	91	625795	21.065	ug/l	100
83) tert-Butylbenzene	10.789	119	573546	19.682	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	603904	21.285	ug/l	100
85) sec-Butylbenzene	11.014	105	767385	19.854	ug/l	99
86) p-Isopropyltoluene	11.169	119	650370	20.216	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	365564	19.801	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	389551	19.233	ug/l	99
89) n-Butylbenzene	11.580	91	602344	19.605	ug/l	98
90) Hexachloroethane	11.818	117	142193	17.949	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	343793	19.932	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	63104	23.051	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	194560	19.678	ug/l	99
94) Hexachlorobutadiene	13.368	225	96450	18.773	ug/l	98
95) Naphthalene	13.426	128	653114	20.437	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	205181	20.290	ug/l	98

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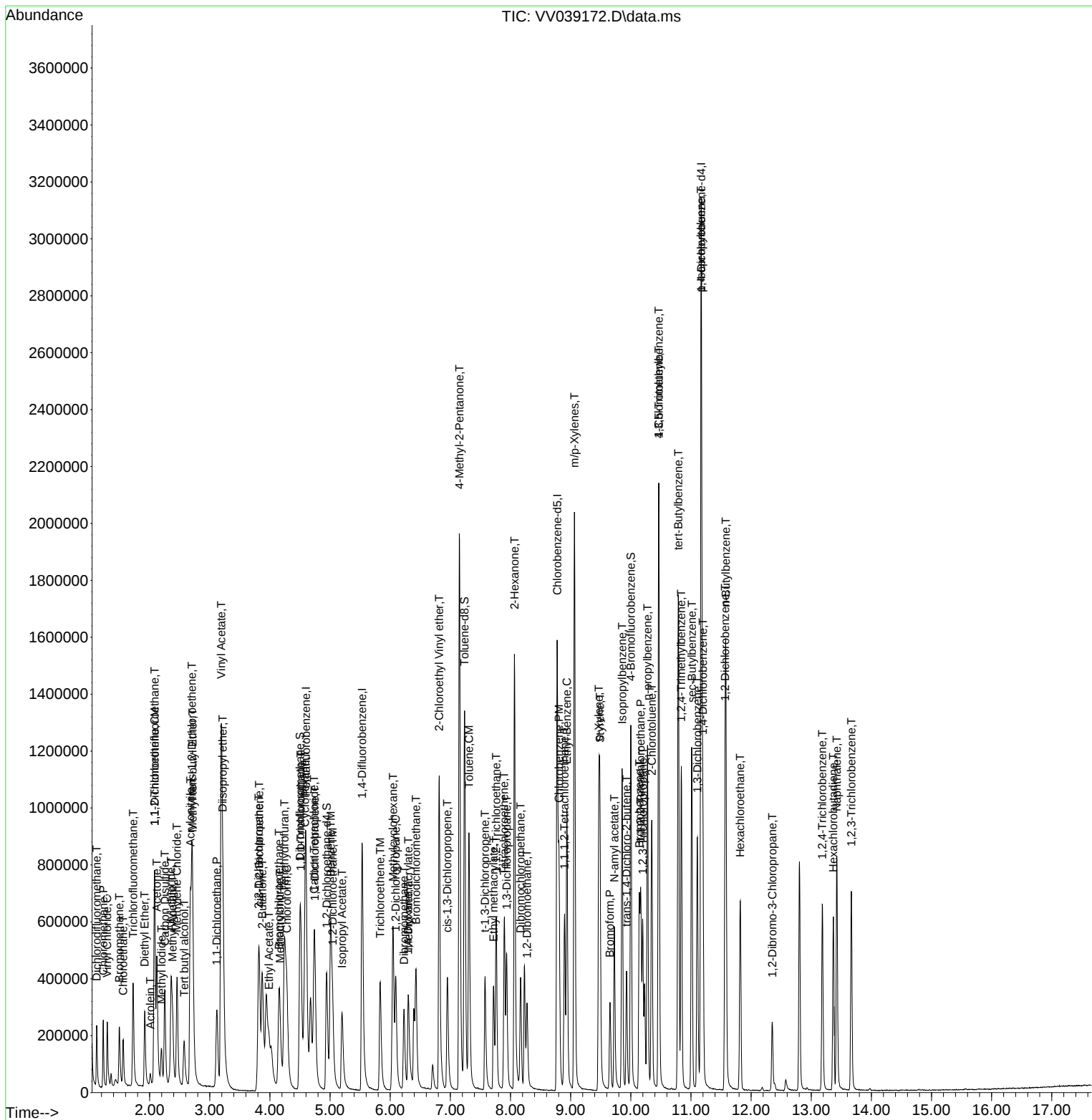
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MSVOA_V
ClientSampleId :

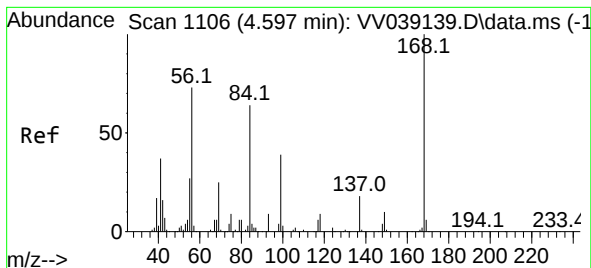
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

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

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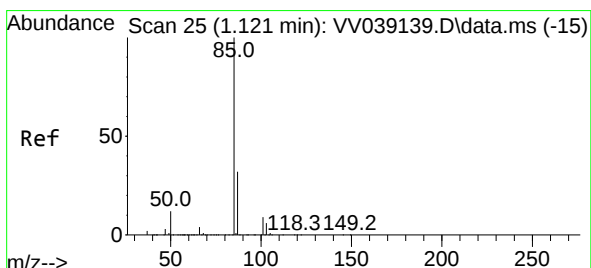
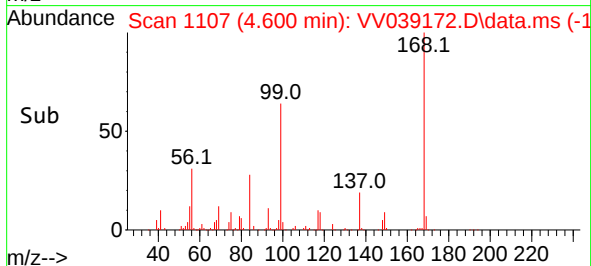
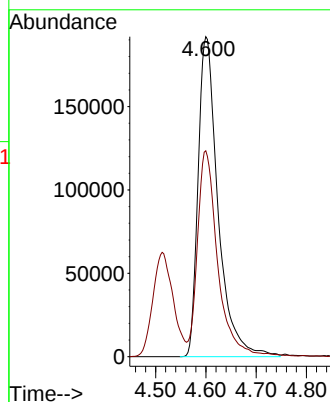
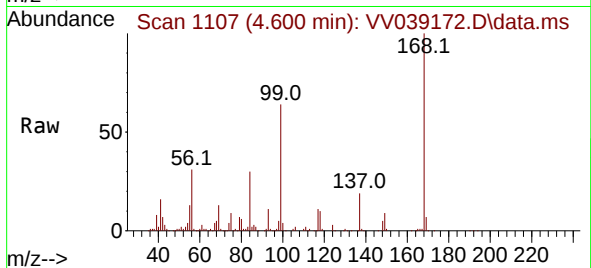




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039172.D
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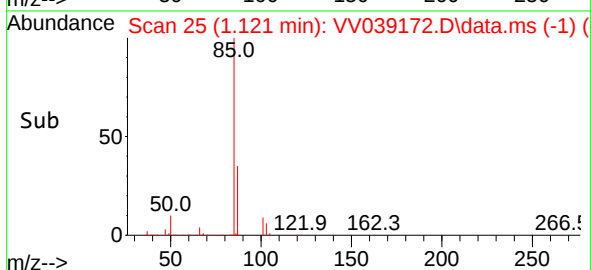
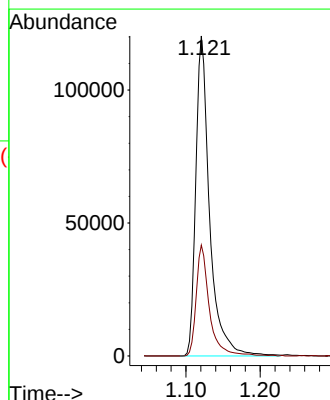
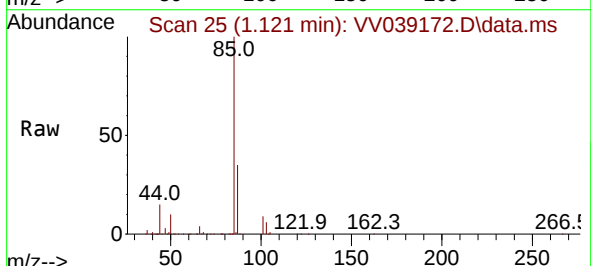
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ClientSampleId :

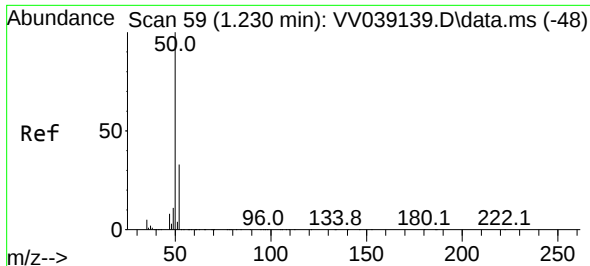
Tgt Ion:168 Resp: 527975
Ion Ratio Lower Upper
168 100
99 63.8 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 18.676 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 85 Resp: 156094
Ion Ratio Lower Upper
85 100
87 34.7 16.0 47.9

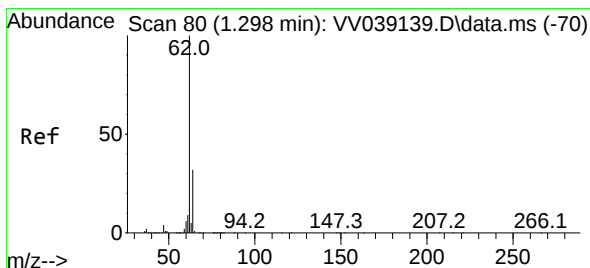
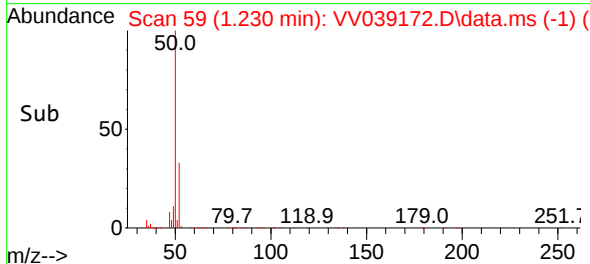
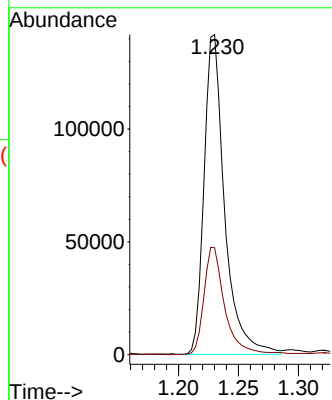
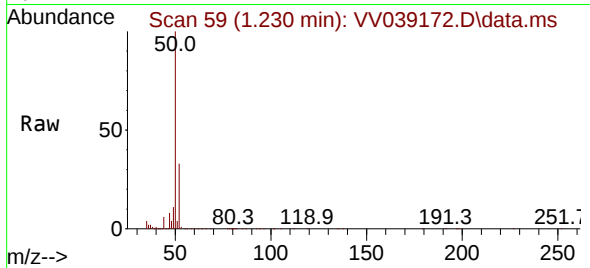




#3
Chloromethane
Concen: 18.890 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

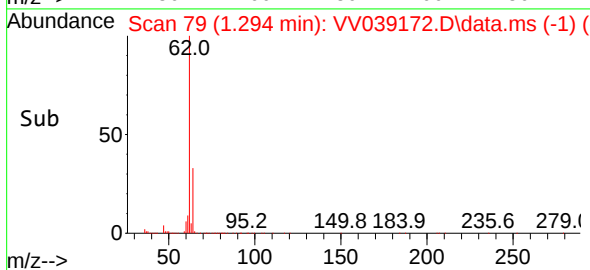
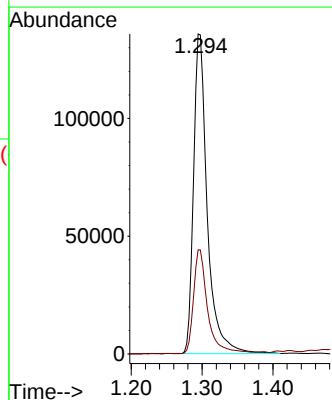
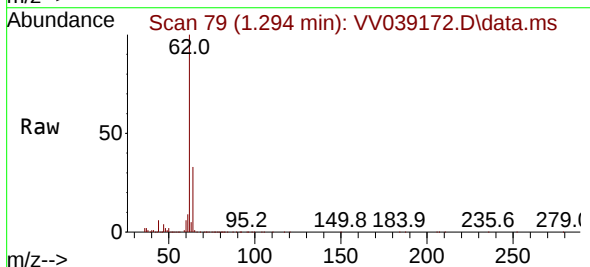
Instrument :
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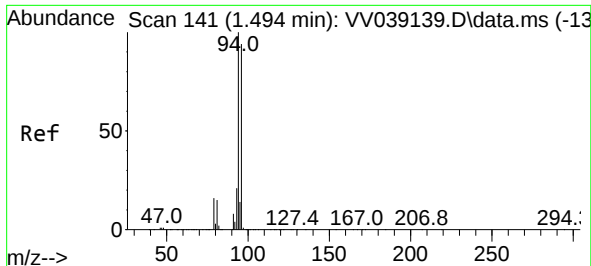
Tgt Ion: 50 Resp: 169491
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 18.998 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 62 Resp: 182486
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4

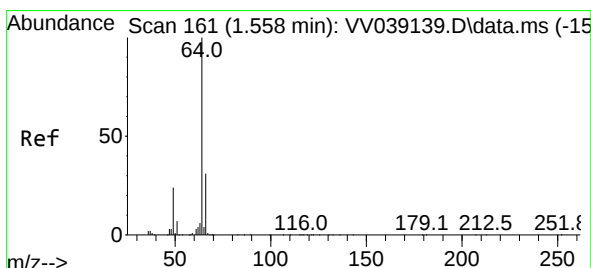
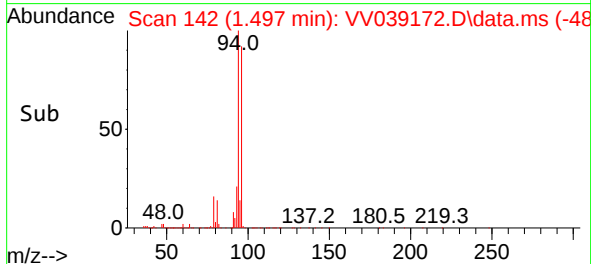
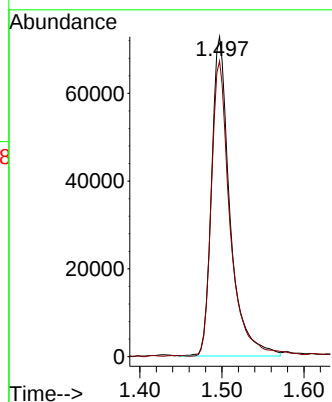
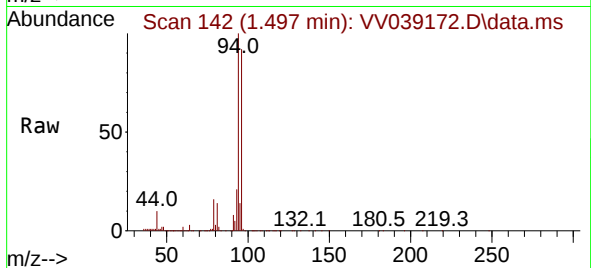




#5
Bromomethane
Concen: 18.704 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

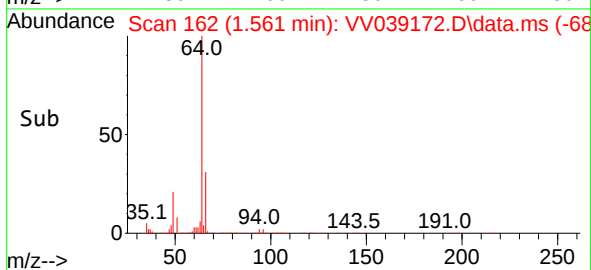
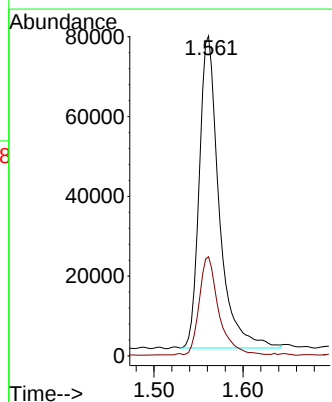
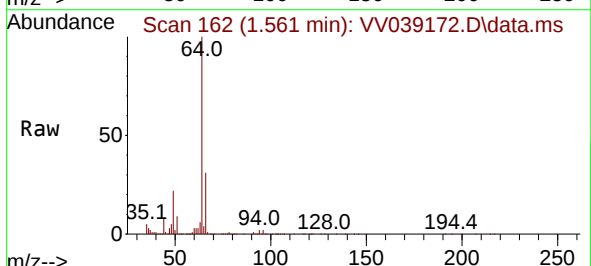
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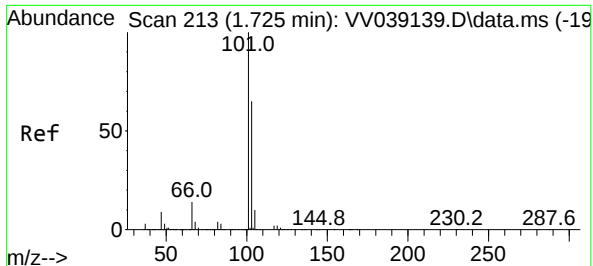
Tgt Ion: 94 Resp: 113256
Ion Ratio Lower Upper
94 100
96 92.2 74.9 112.3



#6
Chloroethane
Concen: 20.082 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 64 Resp: 120800
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8

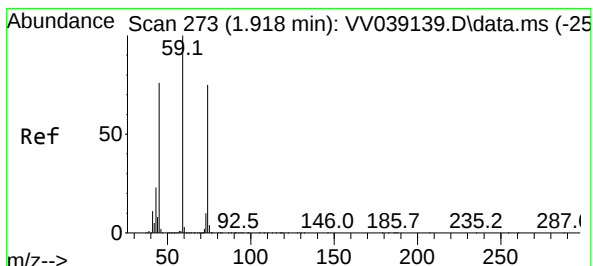
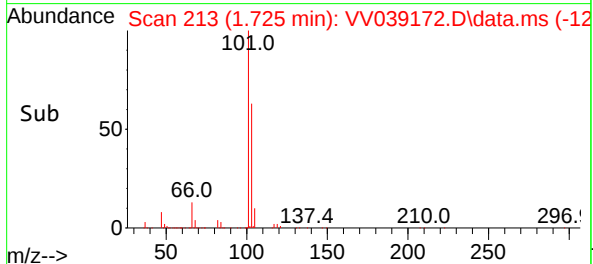
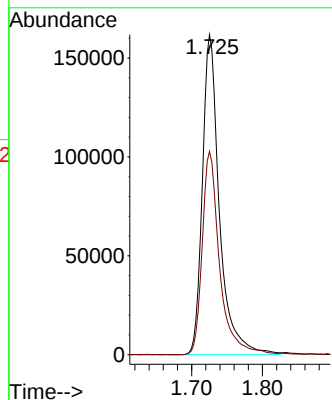
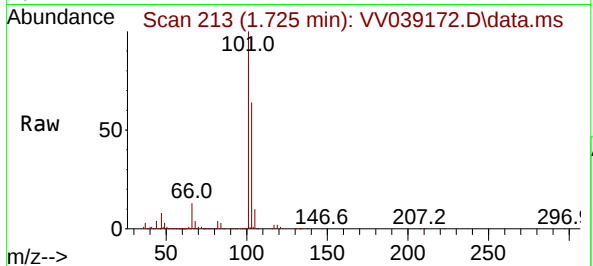




#7
 Trichlorofluoromethane
 Concen: 19.476 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039172.D
 Acq: 25 Sep 2025 11:48

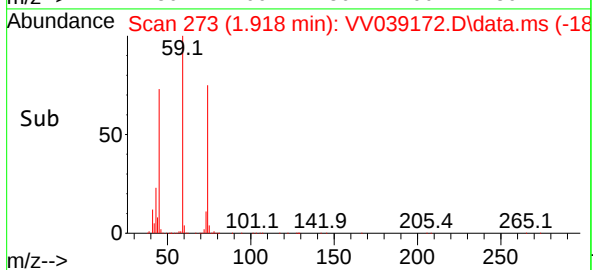
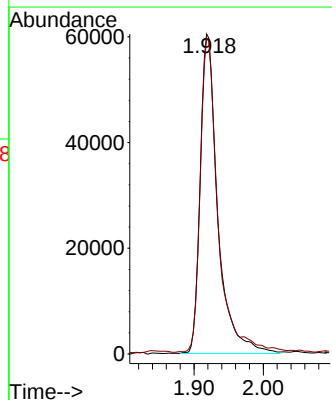
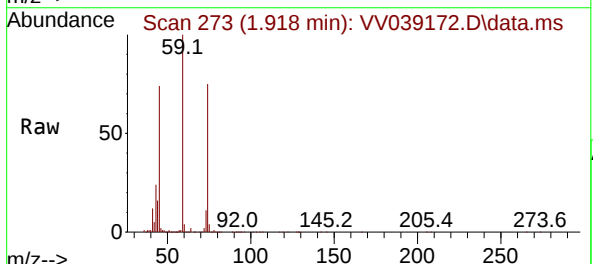
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:101 Resp: 270857
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.0 78.0



#8
 Diethyl Ether
 Concen: 20.592 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039172.D
 Acq: 25 Sep 2025 11:48

Tgt Ion: 74 Resp: 106309
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.6 148.8

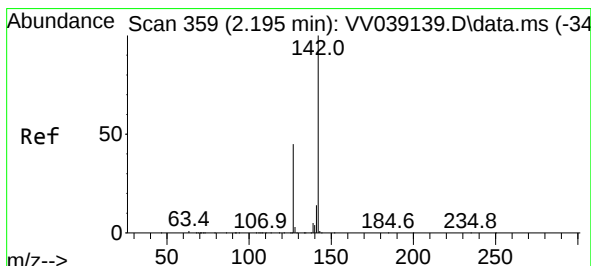
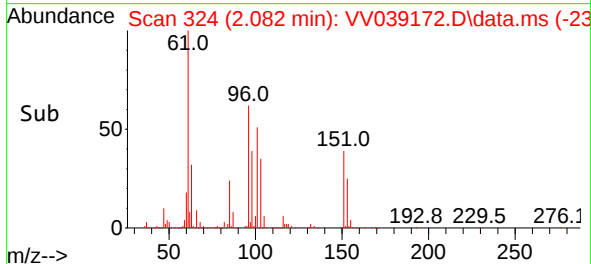
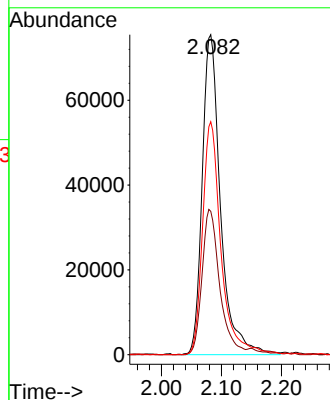
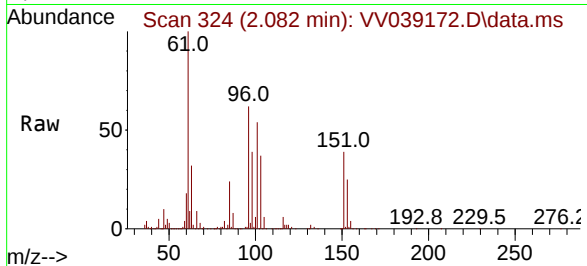




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.438 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039172.D
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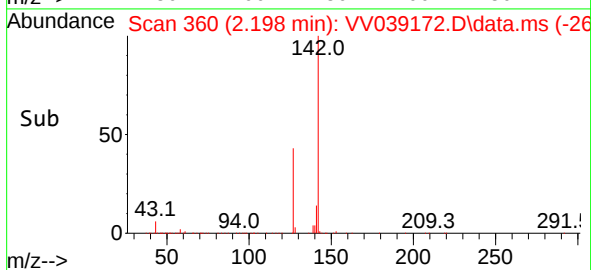
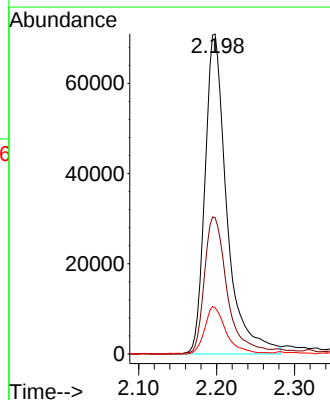
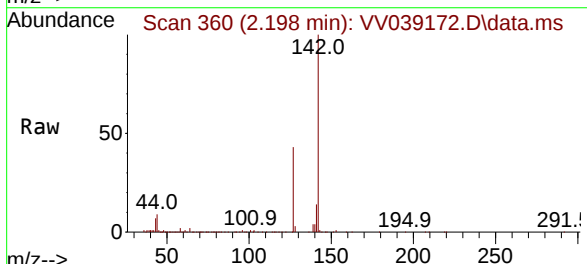
Instrument :
MSVOA_V
ClientSampleId :

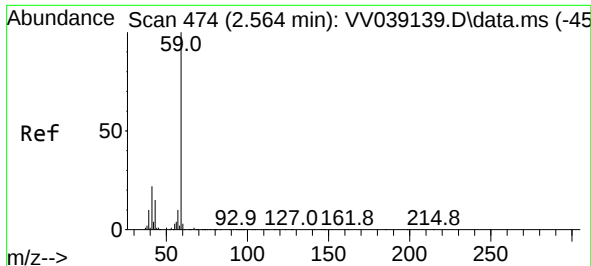
Tgt Ion:101 Resp: 160847
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.2
151 73.3 56.3 84.5



#10
Methyl Iodide
Concen: 17.595 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion:142 Resp: 138648
Ion Ratio Lower Upper
142 100
127 44.7 36.3 54.5
141 14.5 11.2 16.8

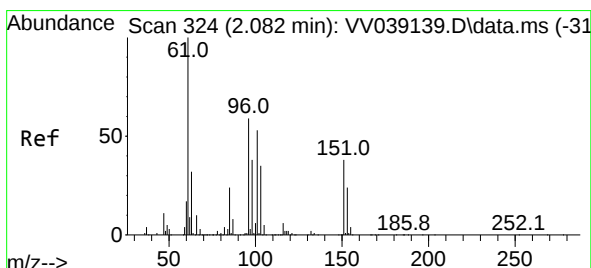
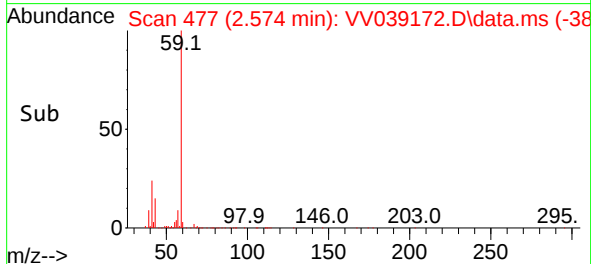
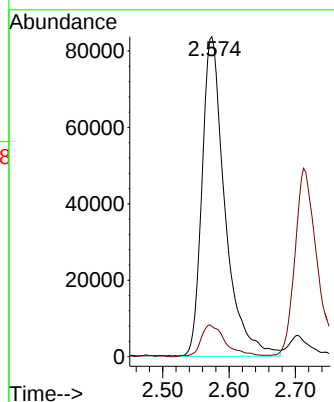
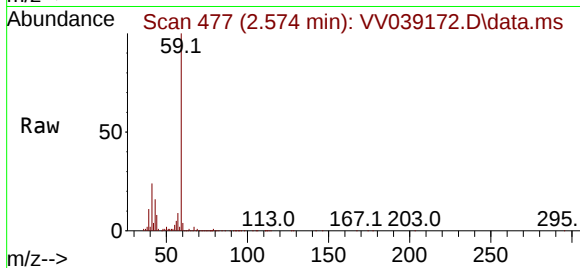




#11
Tert butyl alcohol
Concen: 124.299 ug/l
RT: 2.574 min Scan# 474
Delta R.T. 0.010 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

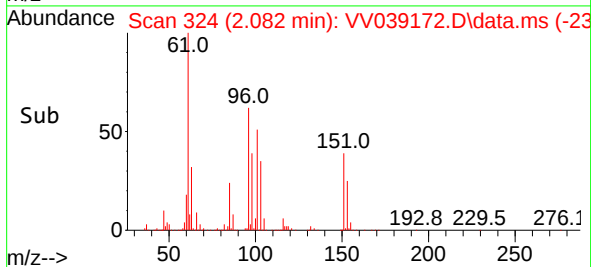
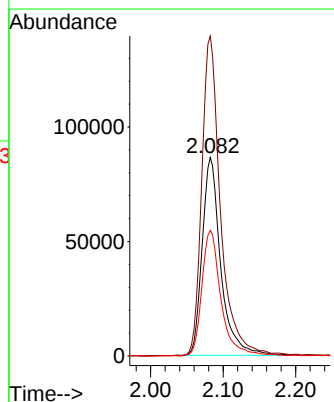
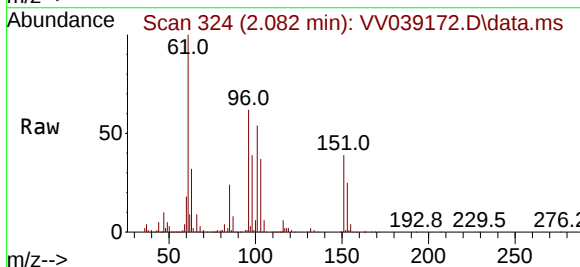
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 59 Resp: 200746
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.306 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 96 Resp: 153686
Ion Ratio Lower Upper
96 100
61 162.1 136.0 204.0
98 63.4 51.0 76.6

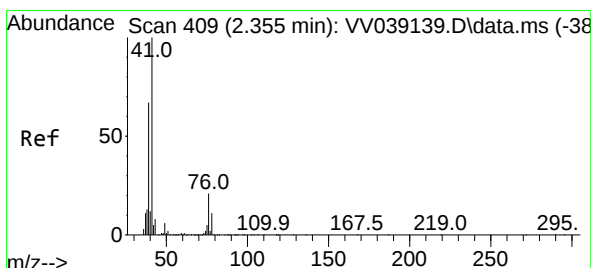
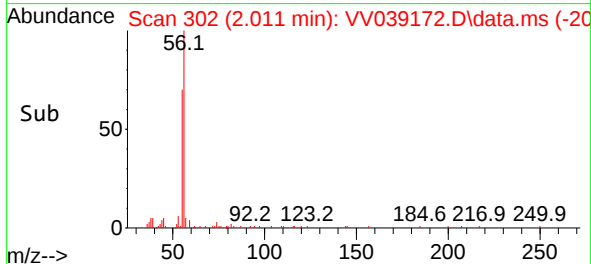
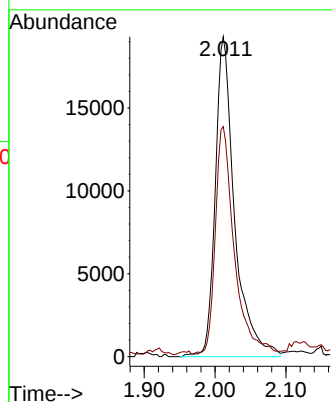
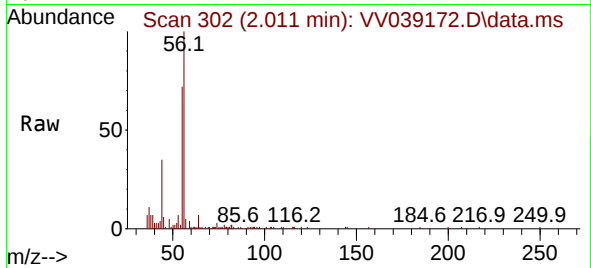




#13
Acrolein
Concen: 130.413 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

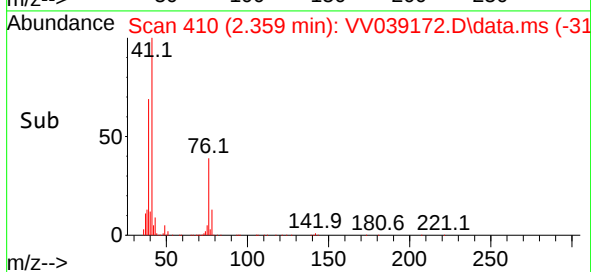
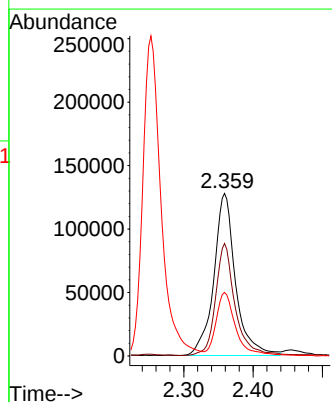
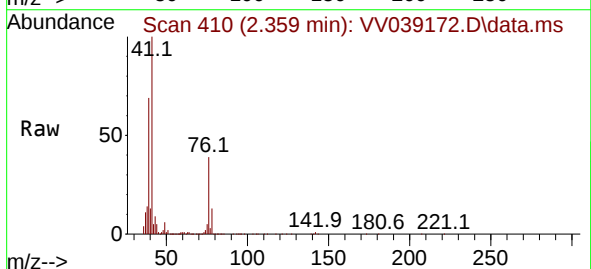
Instrument :
MSVOA_V
ClientSampleId :

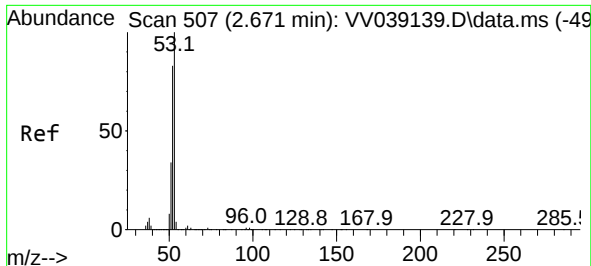
Tgt Ion: 56 Resp: 36547
Ion Ratio Lower Upper
56 100
55 69.2 56.2 84.4



#14
Allyl chloride
Concen: 19.569 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 41 Resp: 278263
Ion Ratio Lower Upper
41 100
39 62.3 51.0 76.6
76 36.0 28.2 42.4

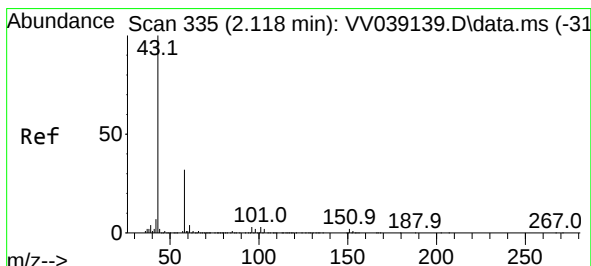
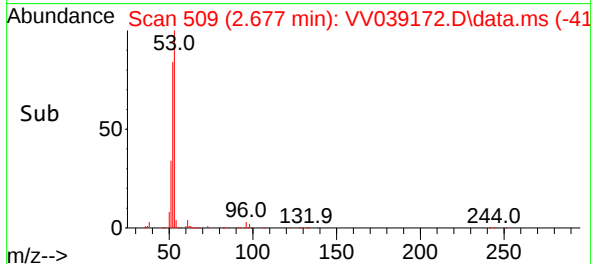
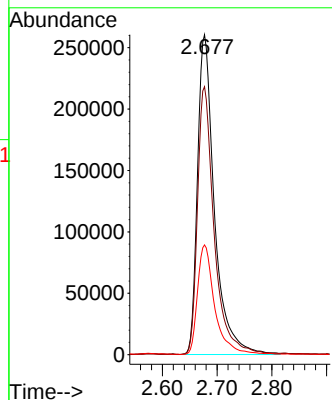
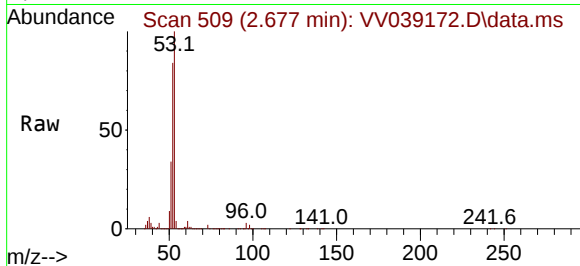




#15
Acrylonitrile
Concen: 108.218 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

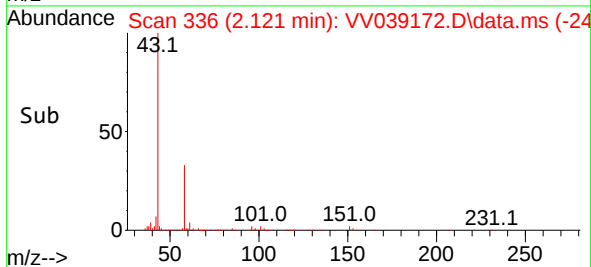
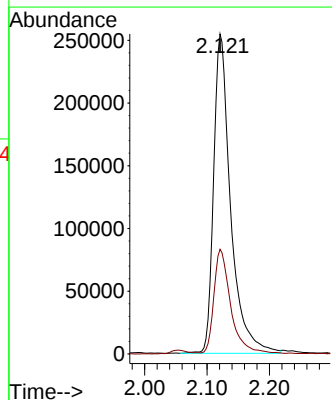
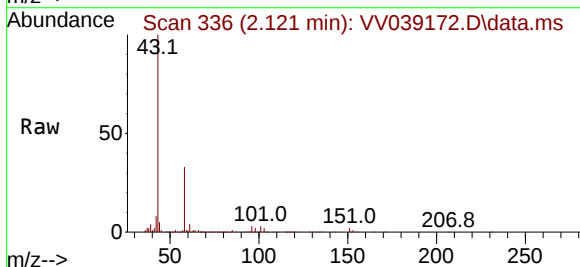
Instrument :
MSVOA_V
ClientSampleId :

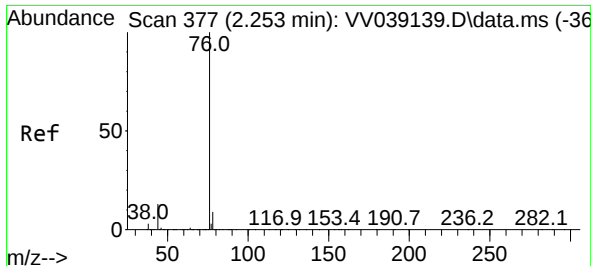
Tgt Ion: 53 Resp: 560270
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 34.6 28.5 42.7



#16
Acetone
Concen: 95.512 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

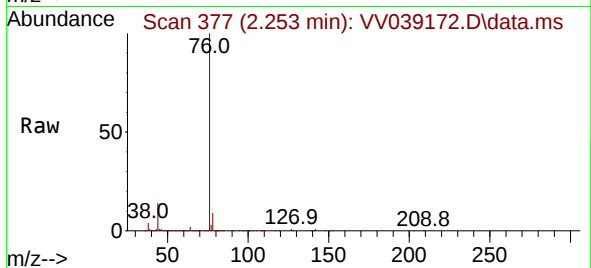
Tgt Ion: 43 Resp: 482224
Ion Ratio Lower Upper
43 100
58 32.4 25.8 38.6



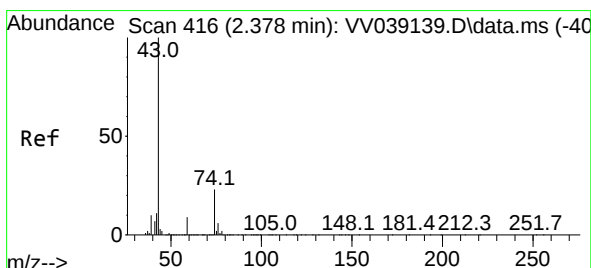
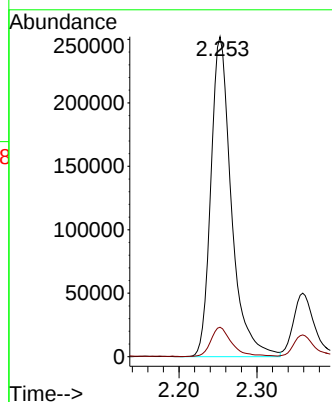
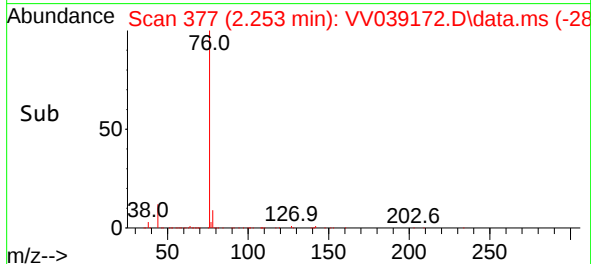


#17
Carbon Disulfide
Concen: 18.971 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

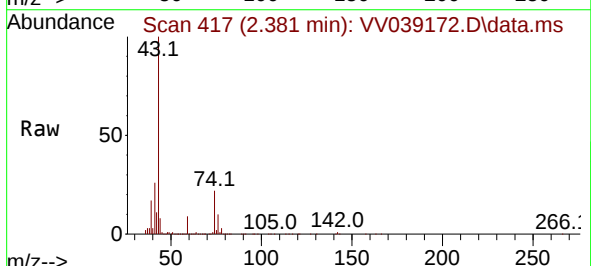
Instrument :
MSVOA_V
ClientSampleId :



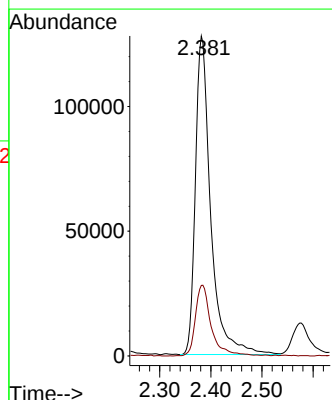
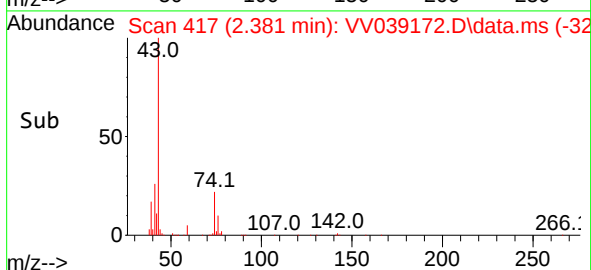
Tgt Ion: 76 Resp: 461861
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 23.481 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48



Tgt Ion: 43 Resp: 265851
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8

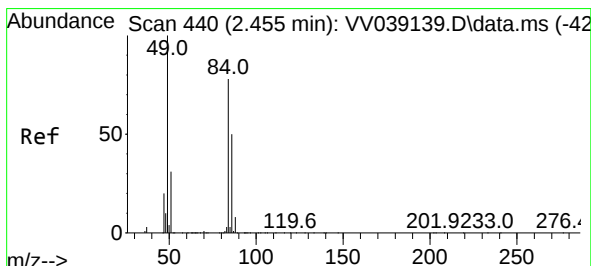
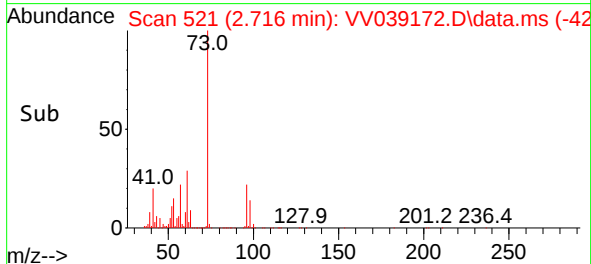
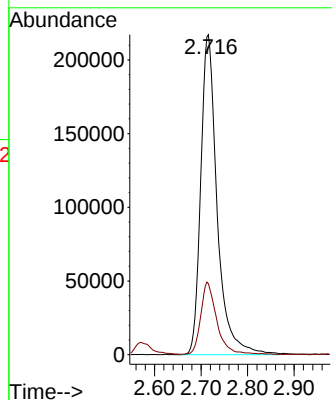
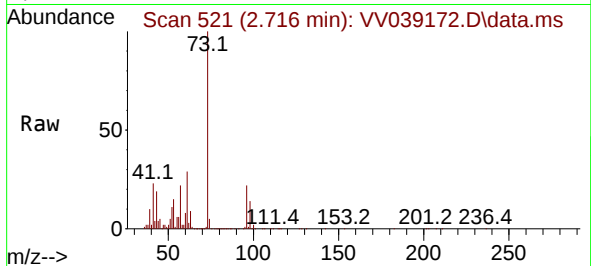




#19
Methyl tert-butyl Ether
Concen: 20.994 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

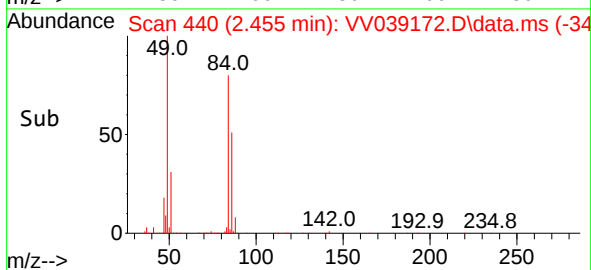
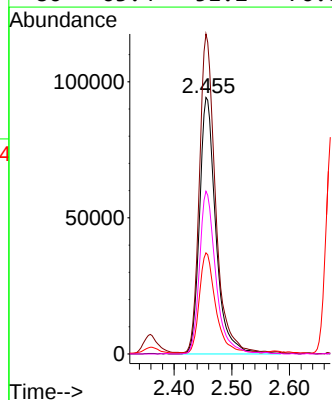
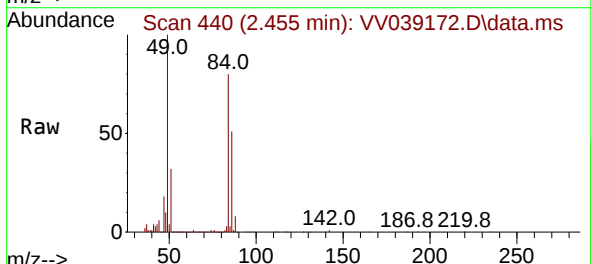
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 532539
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 20.917 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 84 Resp: 185193
Ion Ratio Lower Upper
84 100
49 124.2 102.8 154.2
51 39.0 31.9 47.9
86 63.4 51.2 76.8

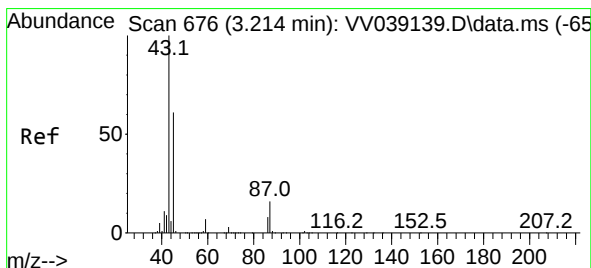
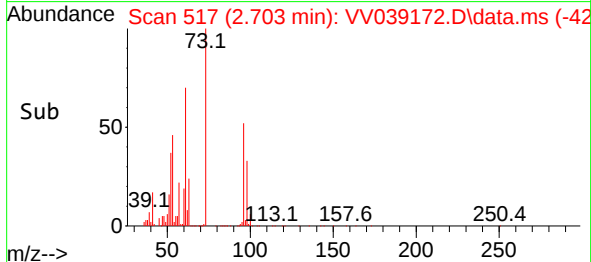
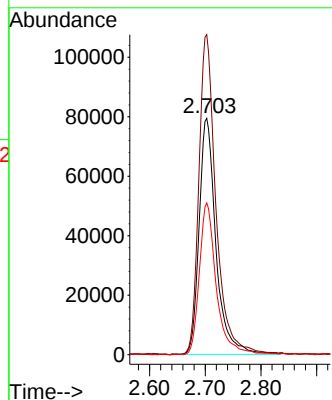
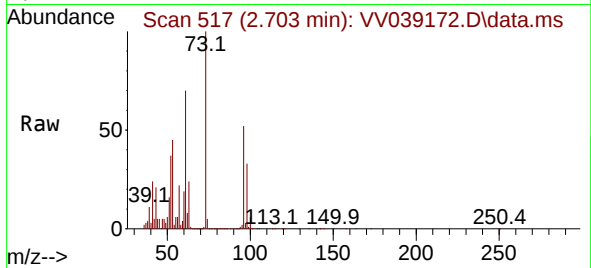




#21
trans-1,2-Dichloroethene
Concen: 19.739 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

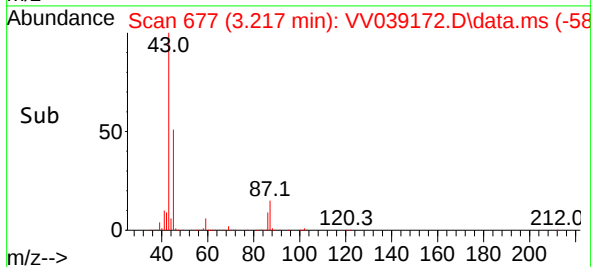
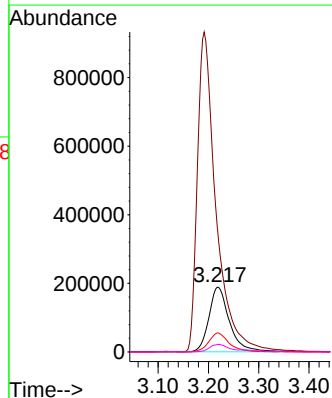
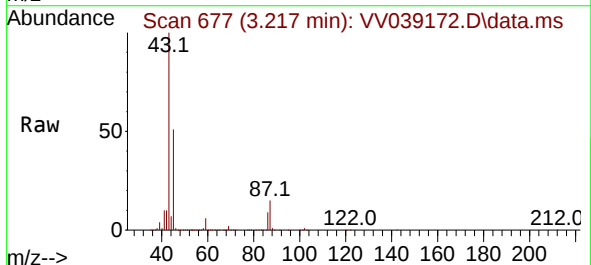
Instrument :
MSVOA_V
ClientSampleId :

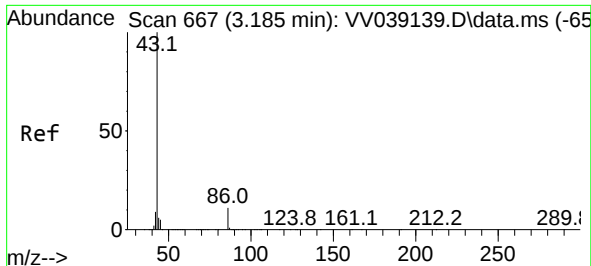
Tgt Ion: 96 Resp: 167279
Ion Ratio Lower Upper
96 100
61 135.3 112.8 169.2
98 64.1 51.1 76.7



#22
Diisopropyl ether
Concen: 19.678 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 45 Resp: 535375
Ion Ratio Lower Upper
45 100
43 195.2 130.9 196.3
87 29.1 21.1 31.7
59 11.2 9.4 14.2

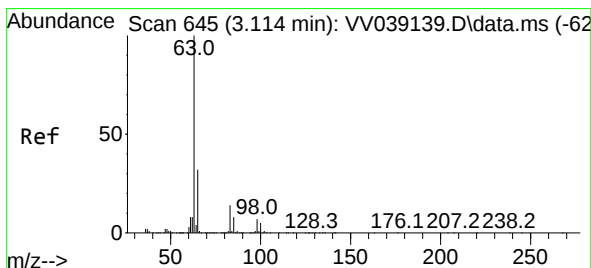
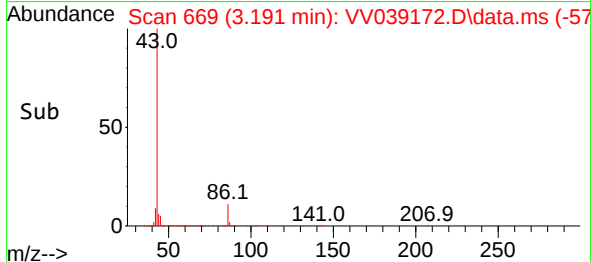
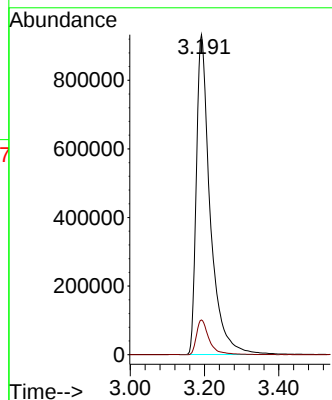
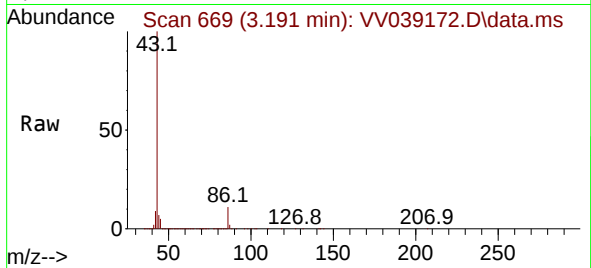




#23
 Vinyl Acetate
 Concen: 101.455 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039172.D
 Acq: 25 Sep 2025 11:48

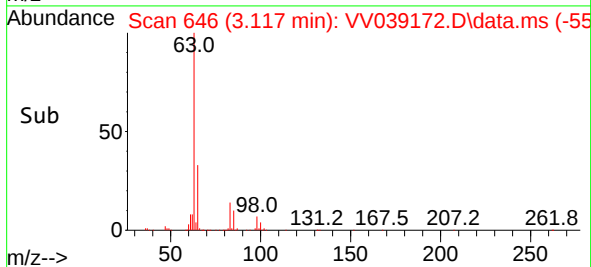
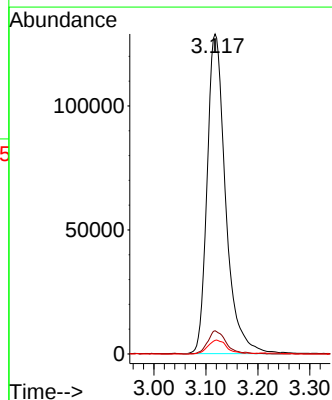
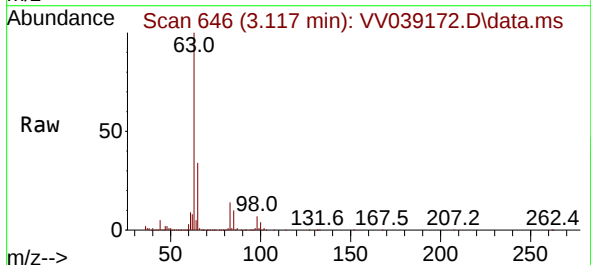
Instrument :
 MSVOA_V
 ClientSampleId :

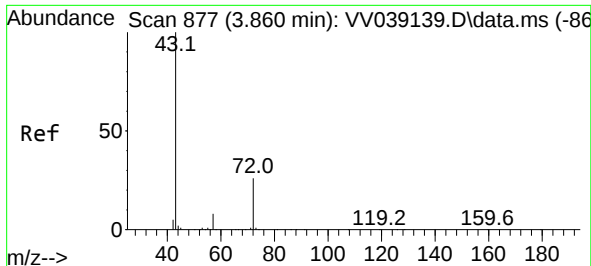
Tgt Ion: 43 Resp: 2414590
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.144 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039172.D
 Acq: 25 Sep 2025 11:48

Tgt Ion: 63 Resp: 318500
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.3 2.2 6.6

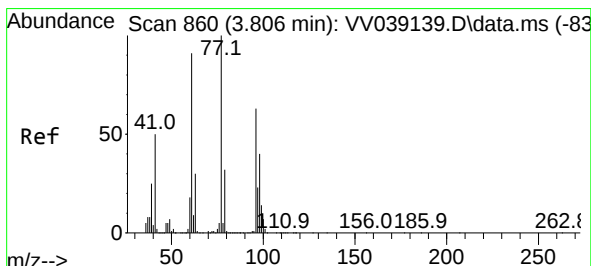
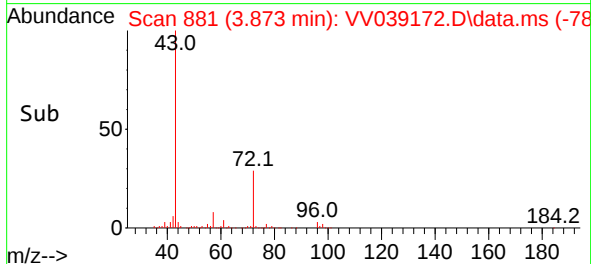
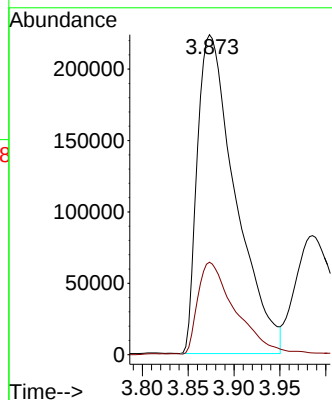
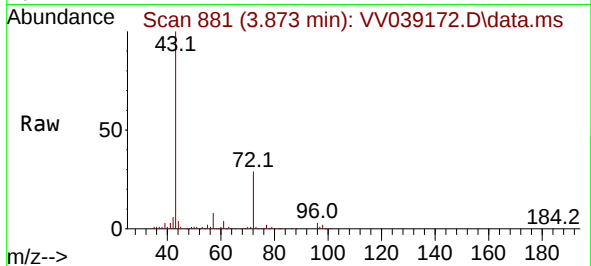




#25
2-Butanone
Concen: 105.887 ug/l
RT: 3.873 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

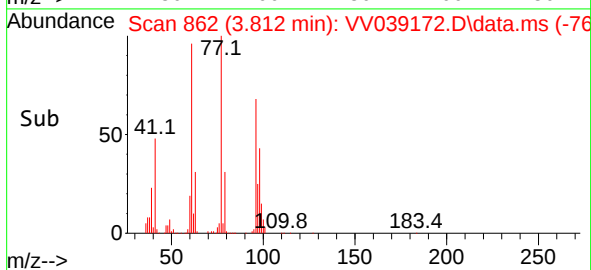
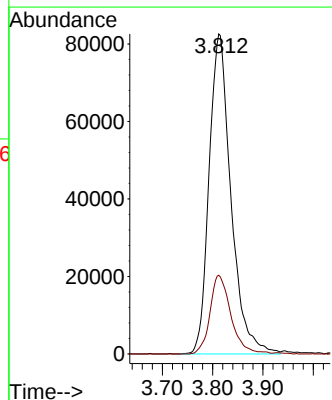
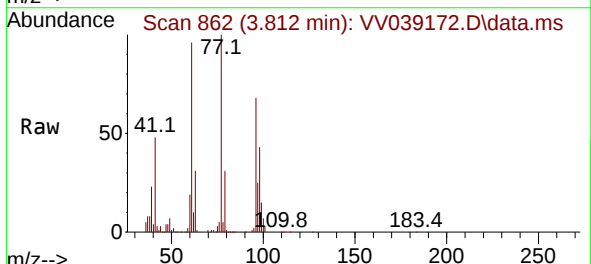
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 647919
Ion Ratio Lower Upper
43 100
72 28.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.911 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 77 Resp: 249477
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 19.397 ug/l

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

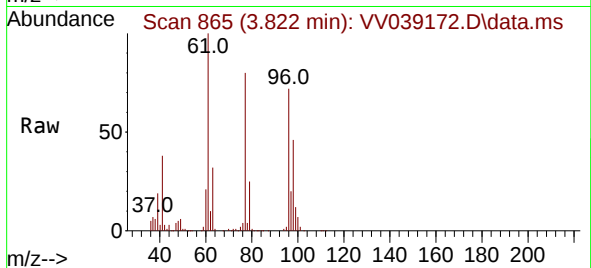
Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :



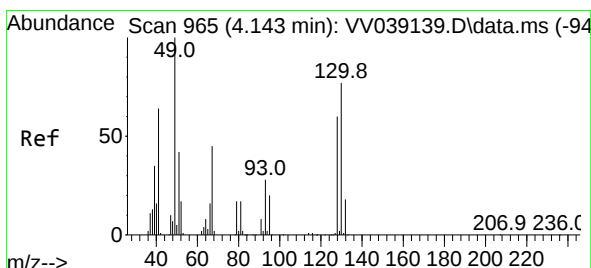
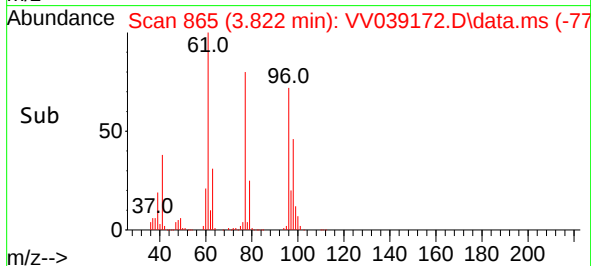
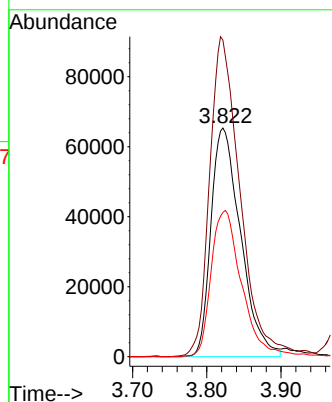
Tgt Ion: 96 Resp: 181294

Ion Ratio Lower Upper

96 100

61 143.1 0.0 286.4

98 65.5 0.0 126.6



#28

Bromochloromethane

Concen: 20.487 ug/l

RT: 4.150 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

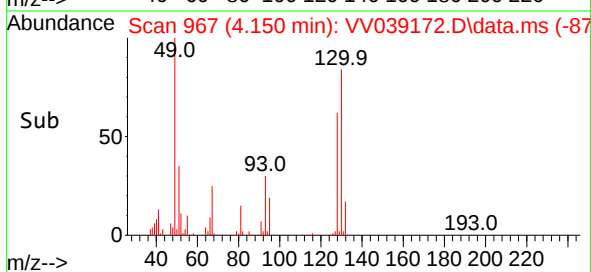
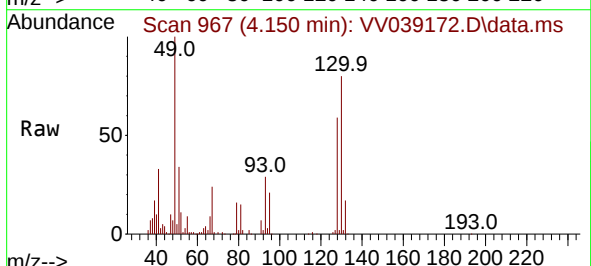
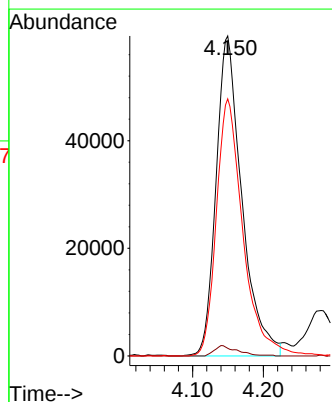
Tgt Ion: 49 Resp: 150472

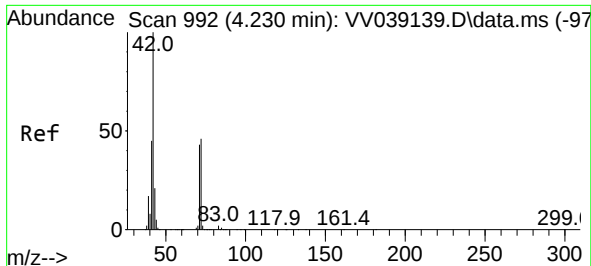
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.2

130 82.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 111.431 ug/l

RT: 4.243 min Scan# 99

Delta R.T. 0.013 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

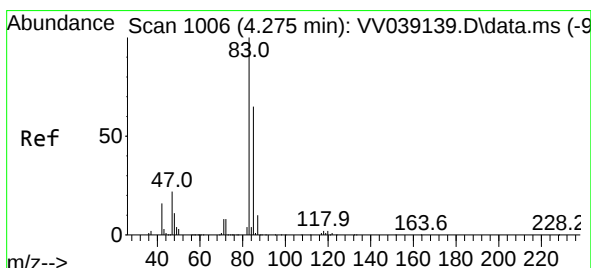
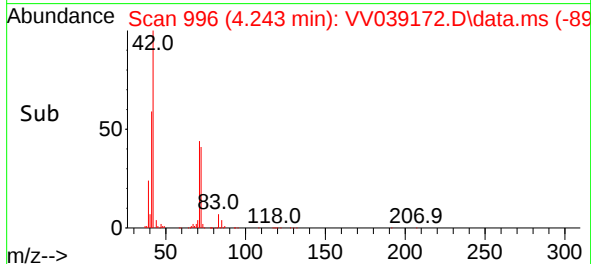
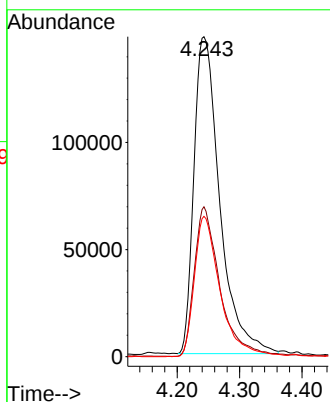
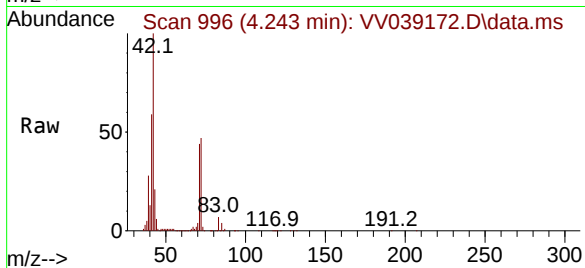
Tgt Ion: 42 Resp: 426781

Ion Ratio Lower Upper

42 100

72 46.8 36.3 54.5

71 44.1 34.3 51.5



#30

Chloroform

Concen: 18.792 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV039172.D

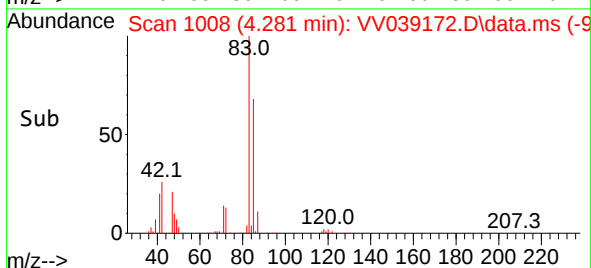
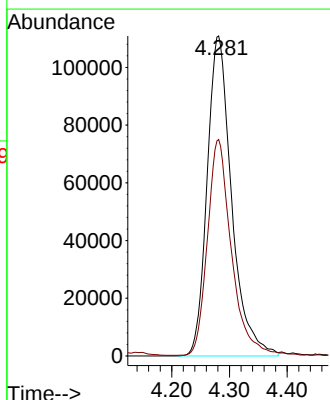
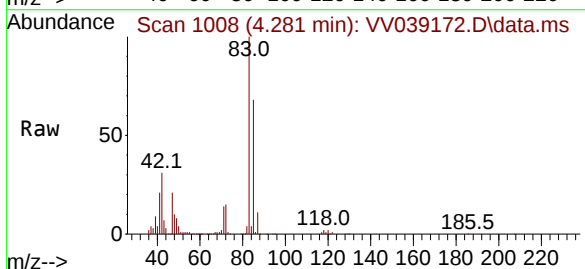
Acq: 25 Sep 2025 11:48

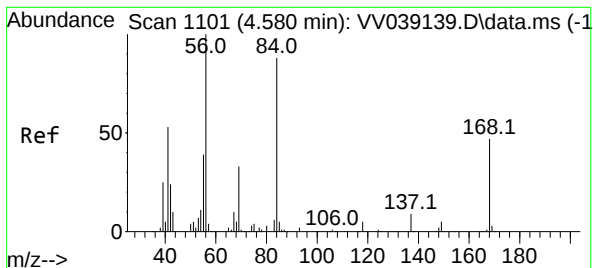
Tgt Ion: 83 Resp: 326474

Ion Ratio Lower Upper

83 100

85 67.5 52.1 78.1





#31

Cyclohexane

Concen: 18.121 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

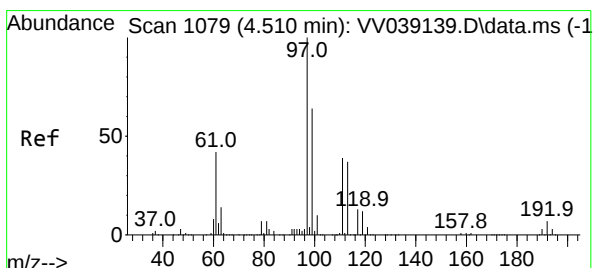
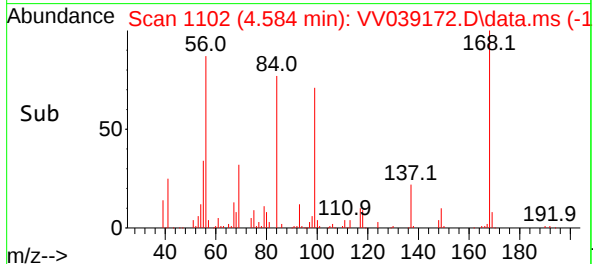
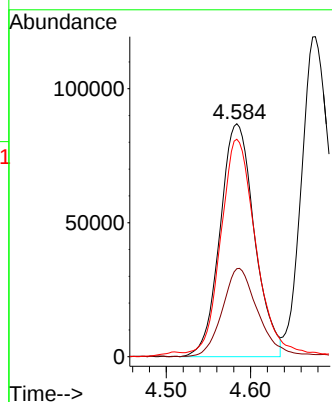
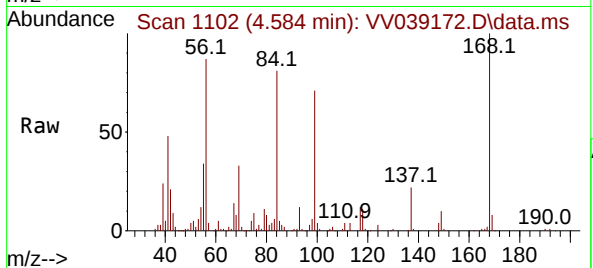
Tgt Ion: 56 Resp: 246972

Ion Ratio Lower Upper

56 100

69 37.8 26.2 39.2

84 91.6 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 18.942 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

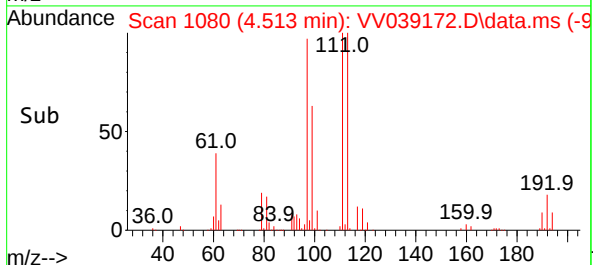
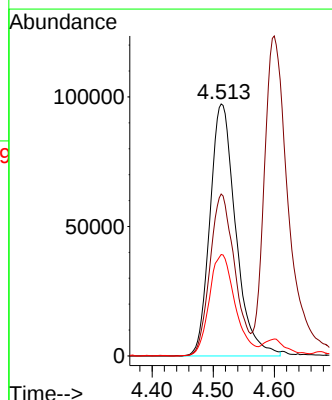
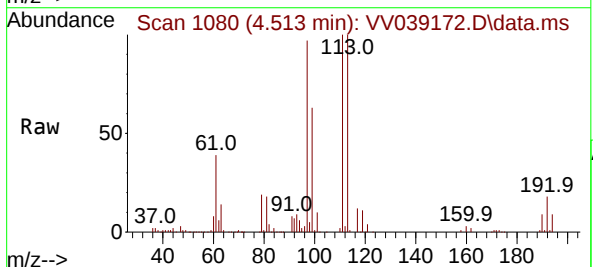
Tgt Ion: 97 Resp: 284897

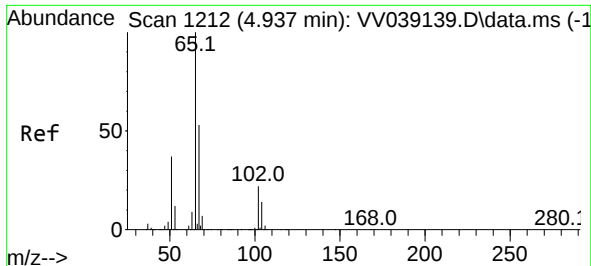
Ion Ratio Lower Upper

97 100

99 61.7 49.6 74.4

61 40.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.701 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

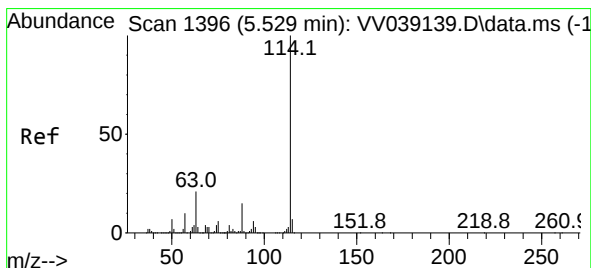
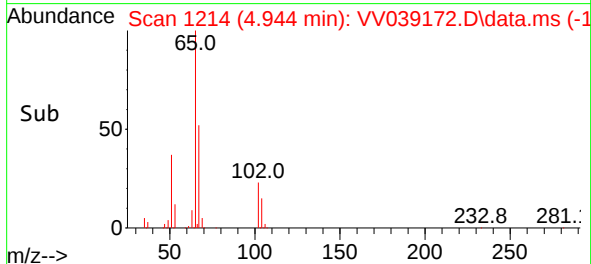
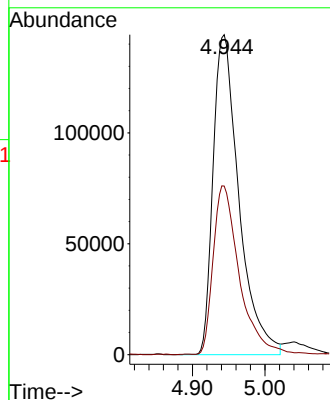
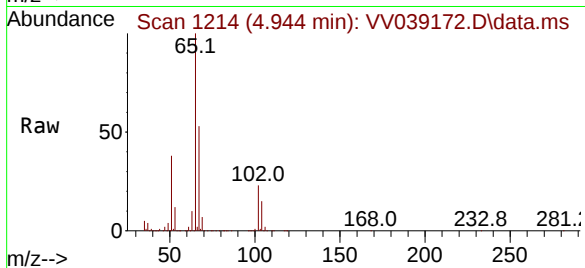
ClientSampleId :

Tgt Ion: 65 Resp: 356860

Ion Ratio Lower Upper

65 100

67 53.1 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: VV039172.D

Acq: 25 Sep 2025 11:48

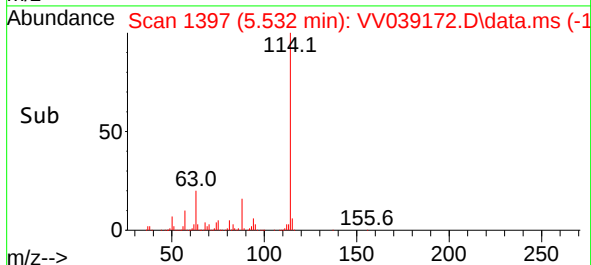
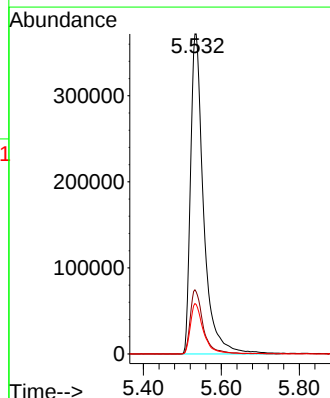
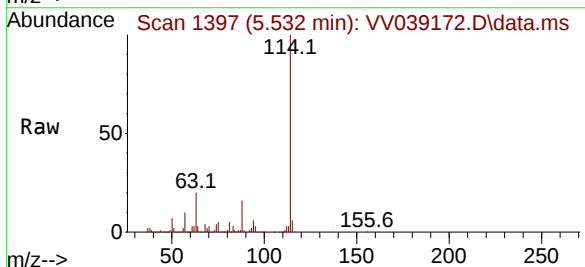
Tgt Ion: 114 Resp: 865164

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.7 0.0 30.8

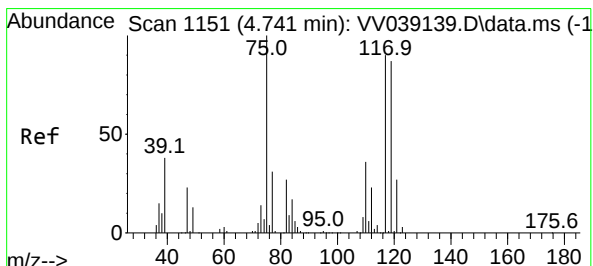
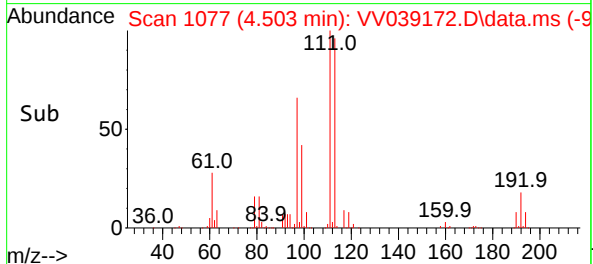
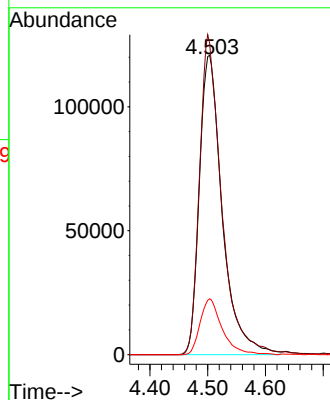
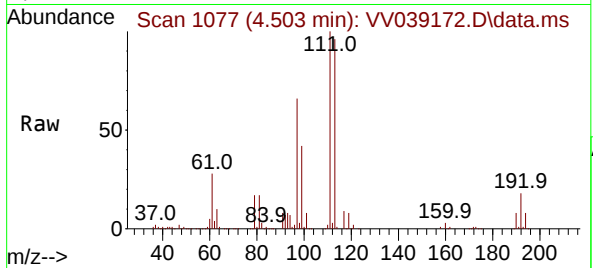




#35
Dibromofluoromethane
Concen: 47.818 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

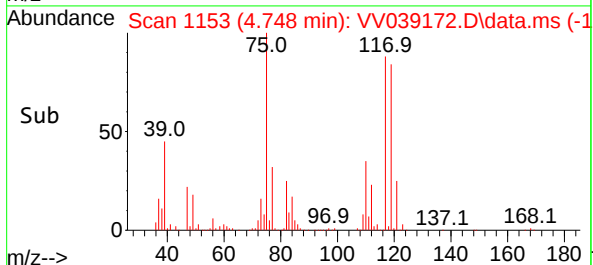
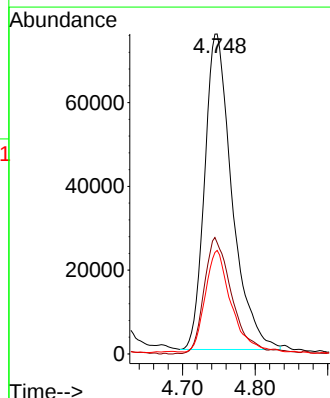
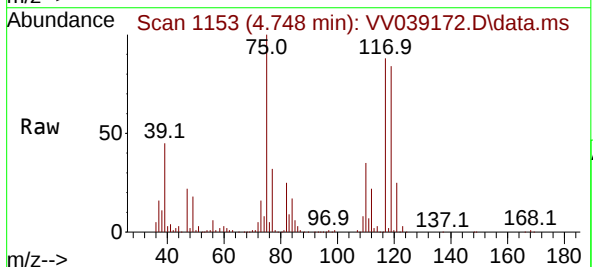
Instrument :
MSVOA_V
ClientSampleId :

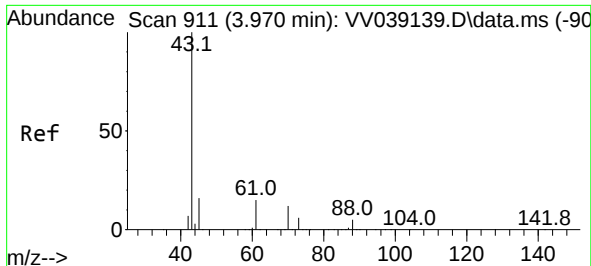
Tgt Ion:113 Resp: 332584
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.8 13.8 20.8



#36
1,1-Dichloropropene
Concen: 18.783 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.007 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 75 Resp: 197517
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.1
77 30.6 24.8 37.2





#37

Ethyl Acetate

Concen: 19.651 ug/l

RT: 3.986 min Scan# 911

Delta R.T. 0.016 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

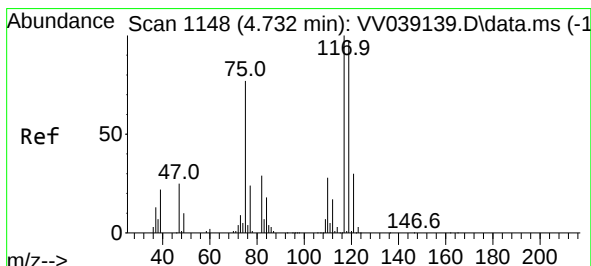
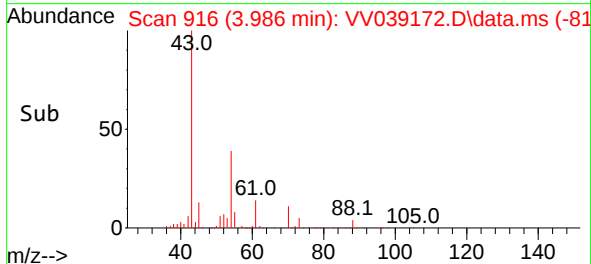
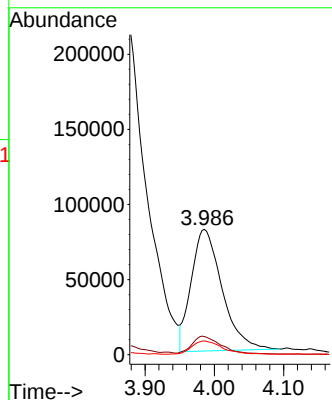
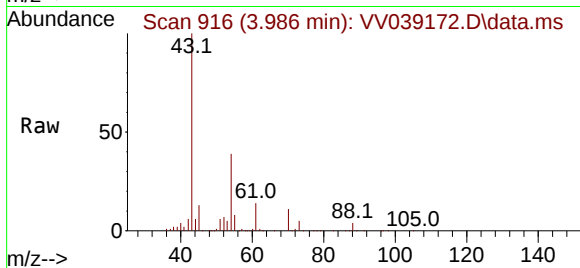
Tgt Ion: 43 Resp: 250748

Ion Ratio Lower Upper

43 100

61 13.9 10.3 15.5

70 10.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 18.625 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

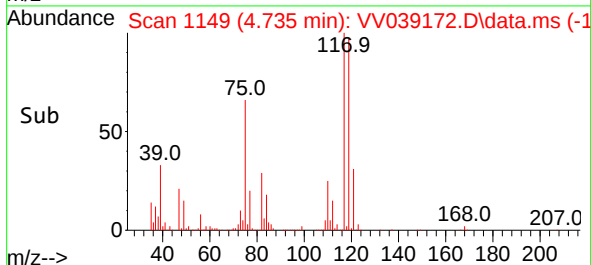
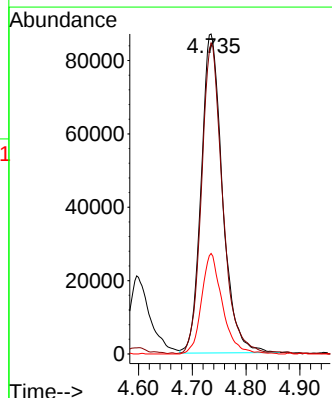
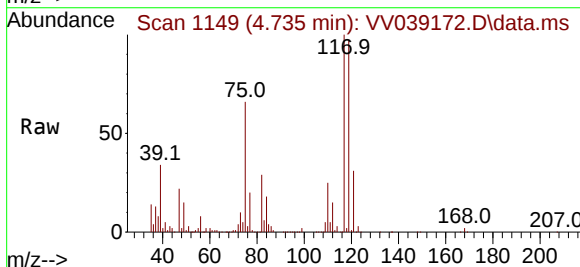
Tgt Ion: 117 Resp: 239360

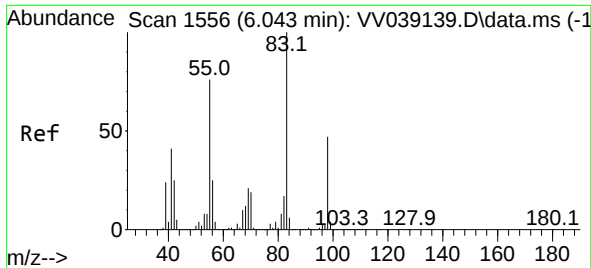
Ion Ratio Lower Upper

117 100

119 97.3 77.2 115.8

121 31.6 24.2 36.2

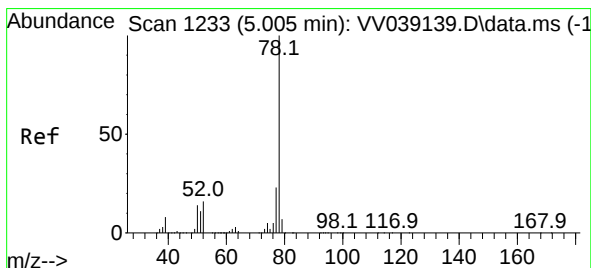
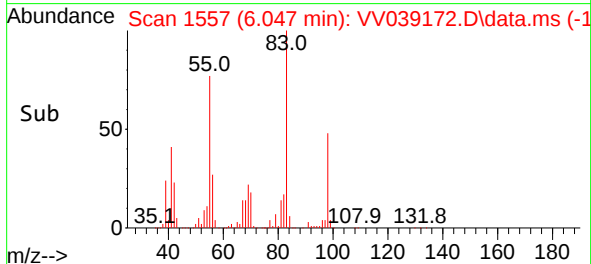
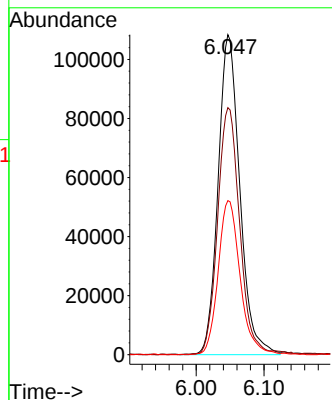
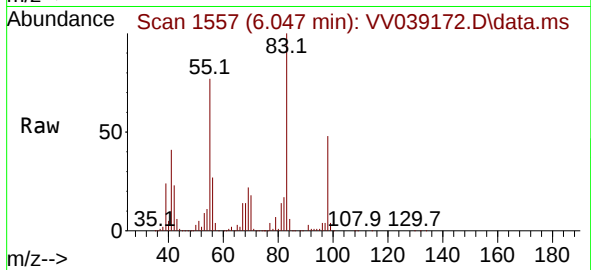




#39
Methylcyclohexane
Concen: 18.982 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

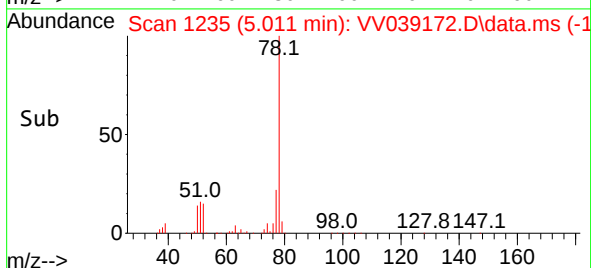
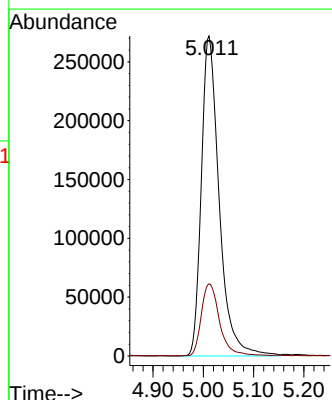
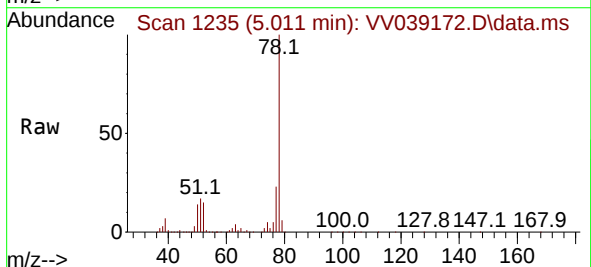
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 241054
Ion Ratio Lower Upper
83 100
55 77.2 60.5 90.7
98 48.1 37.8 56.6



#40
Benzene
Concen: 19.588 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 78 Resp: 670758
Ion Ratio Lower Upper
78 100
77 22.5 18.7 28.1

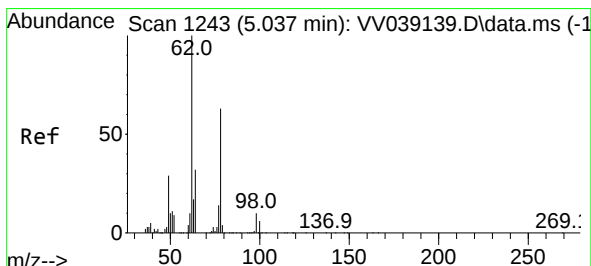
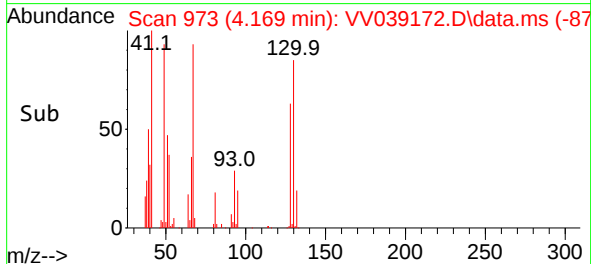
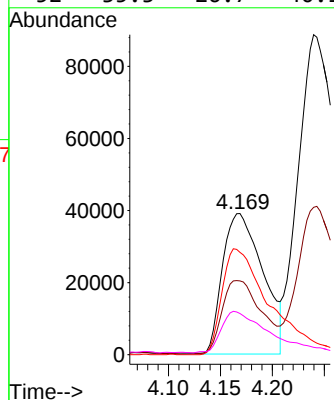
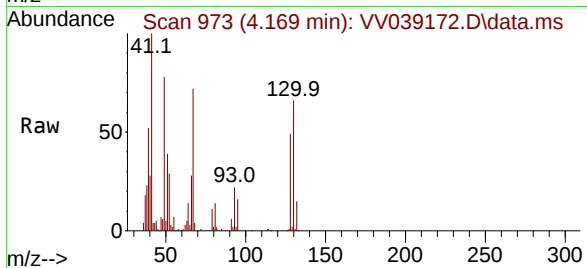




#41
Methacrylonitrile
Concen: 19.500 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

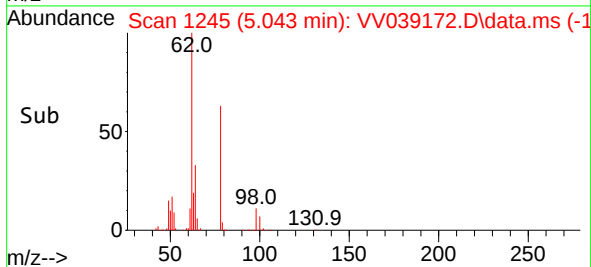
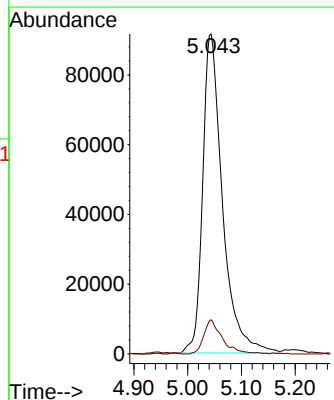
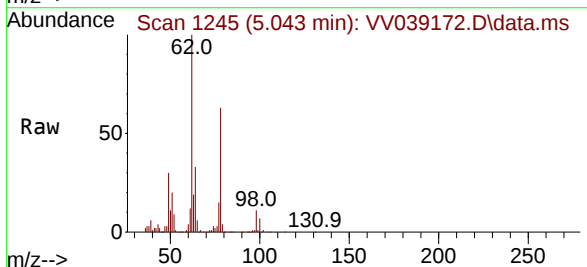
Instrument :
MSVOA_V
ClientSampleId :

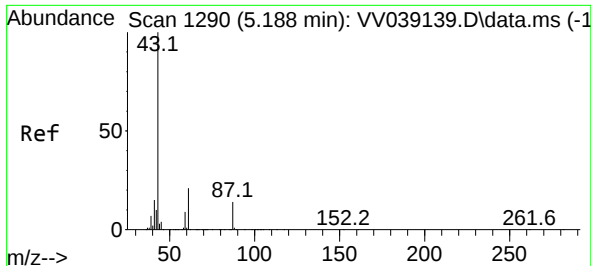
Tgt Ion: 41 Resp: 105510
Ion Ratio Lower Upper
41 100
39 49.9 42.2 63.2
67 92.5 67.9 101.9
52 35.3 26.7 40.1



#42
1,2-Dichloroethane
Concen: 19.531 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 62 Resp: 234332
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2

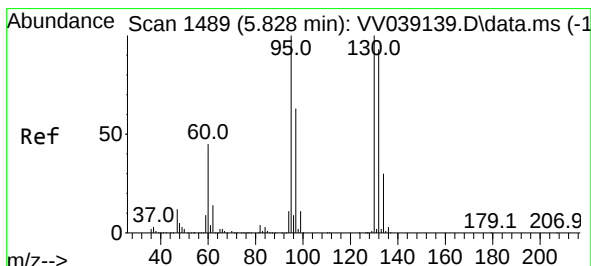
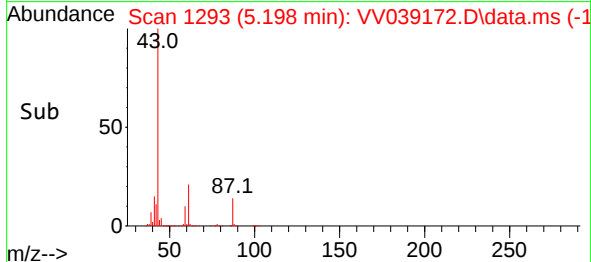
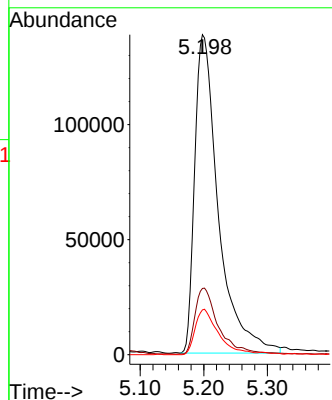
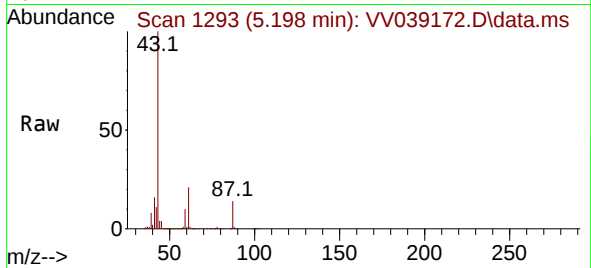




#43
Isopropyl Acetate
Concen: 20.584 ug/l
RT: 5.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

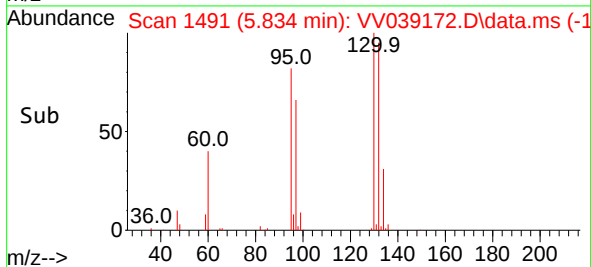
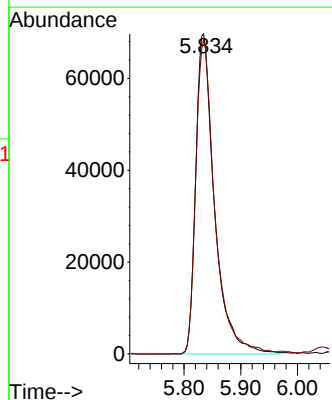
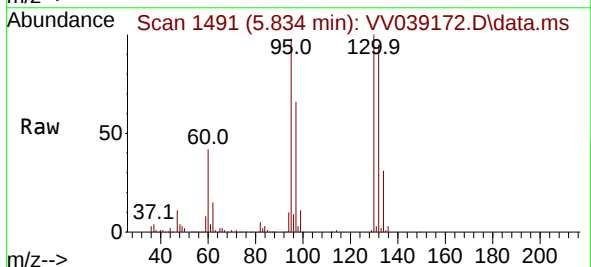
Instrument :
MSVOA_V
ClientSampleId :

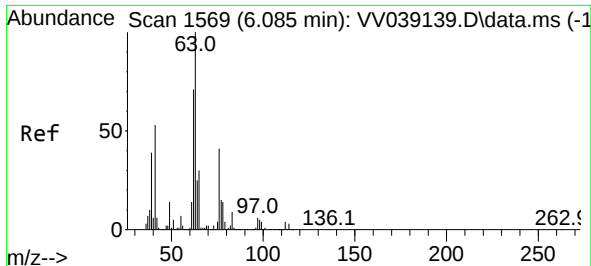
Tgt Ion: 43 Resp: 358115
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 13.9 11.0 16.6



#44
Trichloroethene
Concen: 20.237 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion:130 Resp: 159904
Ion Ratio Lower Upper
130 100
95 98.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.994 ug/l

RT: 6.092 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

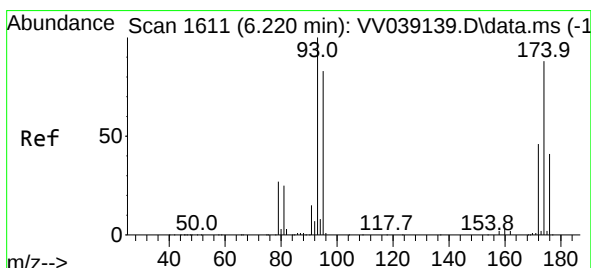
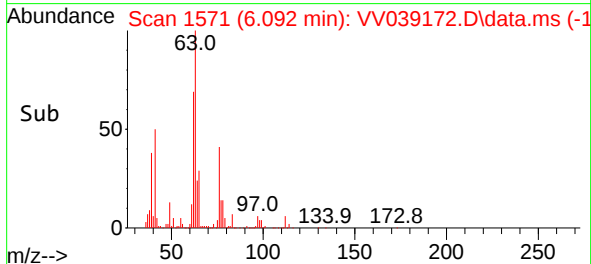
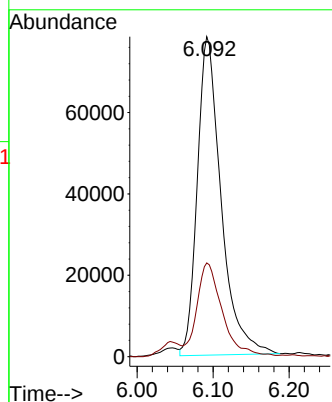
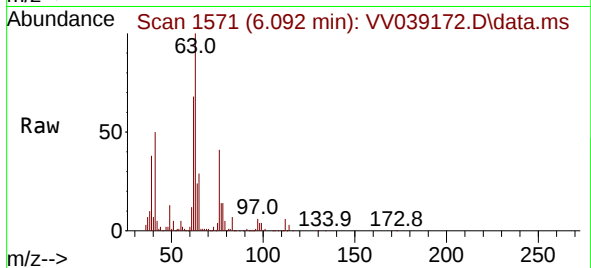
ClientSampleId :

Tgt Ion: 63 Resp: 170175

Ion Ratio Lower Upper

63 100

65 29.1 23.7 35.5



#46

Dibromomethane

Concen: 20.860 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.010 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

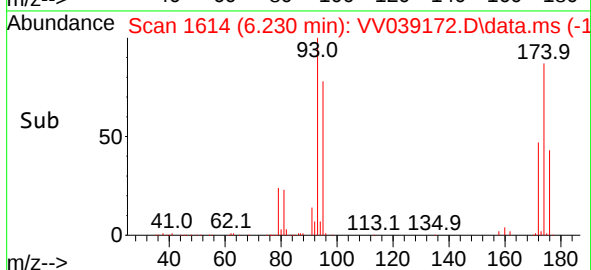
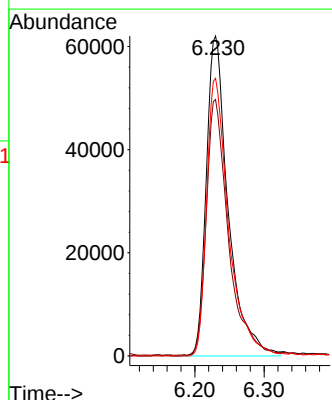
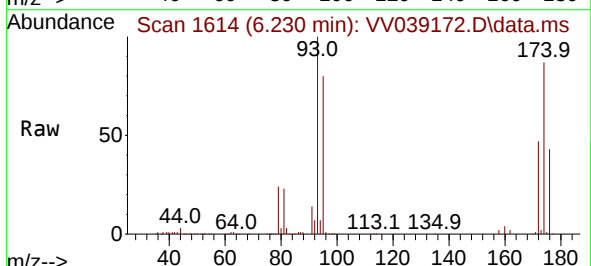
Tgt Ion: 93 Resp: 135890

Ion Ratio Lower Upper

93 100

95 81.8 65.5 98.3

174 87.3 69.0 103.4

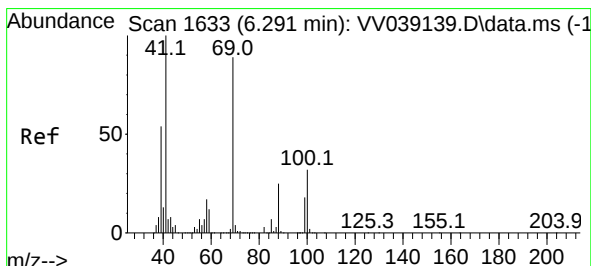
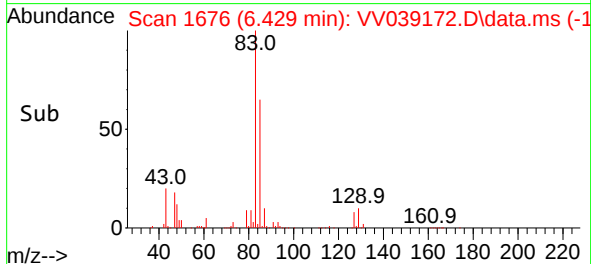
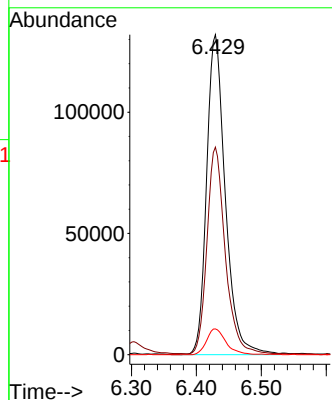
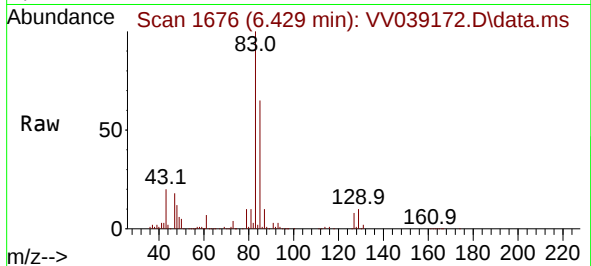




#47
Bromodichloromethane
Concen: 19.651 ug/l
RT: 6.429 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

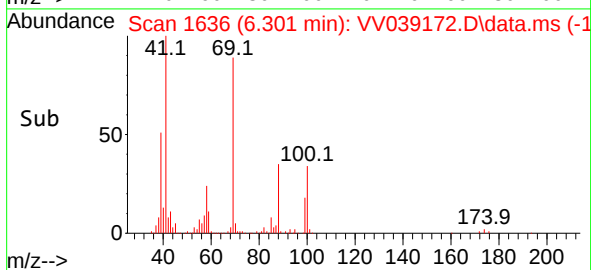
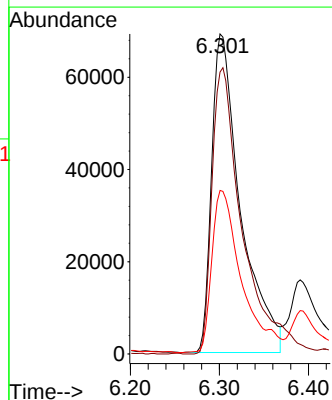
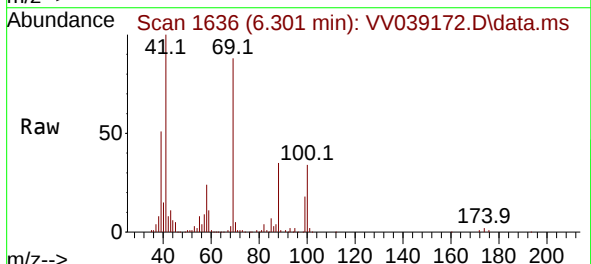
Instrument :
MSVOA_V
ClientSampleId :

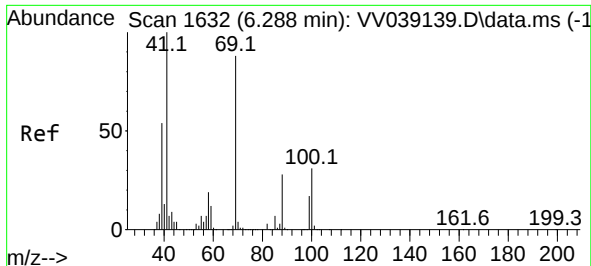
Tgt Ion: 83 Resp: 264650
Ion Ratio Lower Upper
83 100
85 64.5 49.7 74.5
127 8.0 6.6 9.8



#48
Methyl methacrylate
Concen: 19.698 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 41 Resp: 155350
Ion Ratio Lower Upper
41 100
69 95.4 72.4 108.6
39 52.3 42.5 63.7





#49

1,4-Dioxane

Concen: 481.572 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

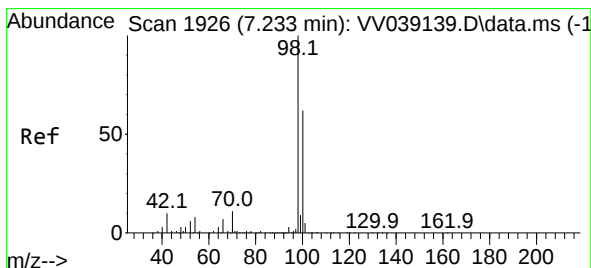
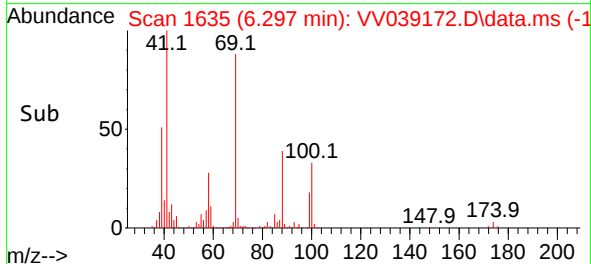
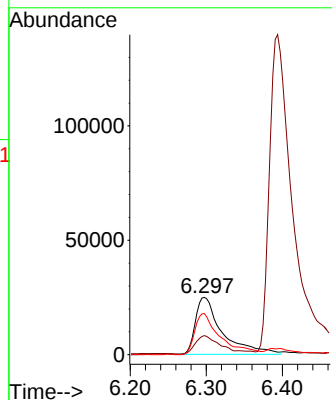
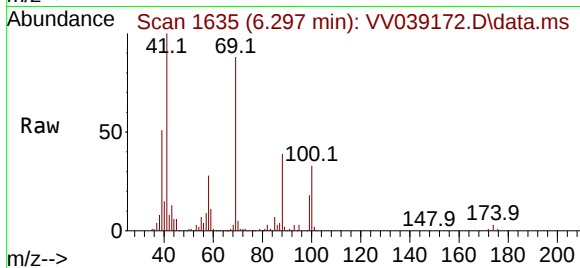
Tgt Ion: 88 Resp: 61290

Ion Ratio Lower Upper

88 100

43 31.6 25.1 37.7

58 69.1 53.6 80.4



#50

Toluene-d8

Concen: 47.031 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039172.D

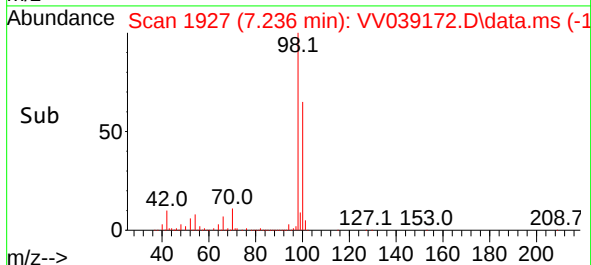
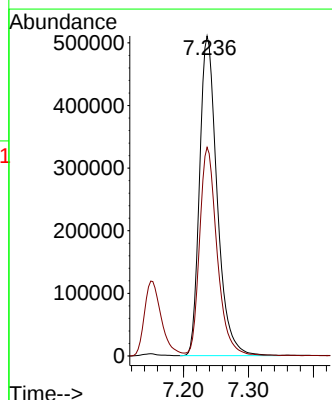
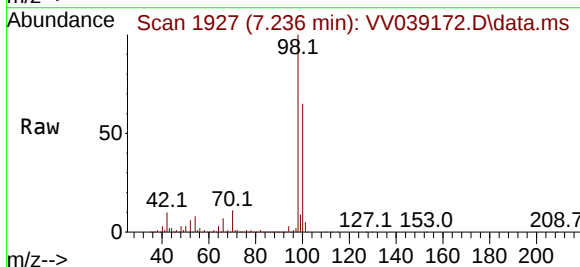
Acq: 25 Sep 2025 11:48

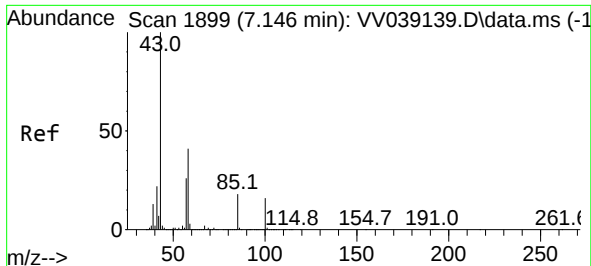
Tgt Ion: 98 Resp: 960728

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 115.665 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

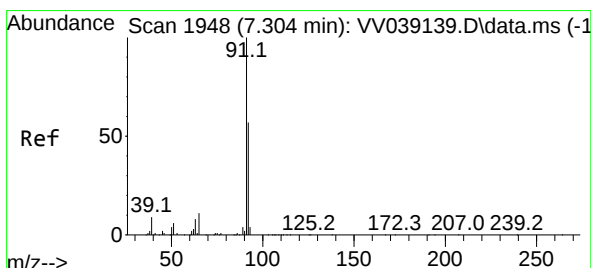
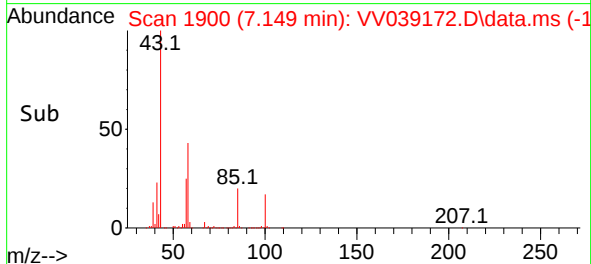
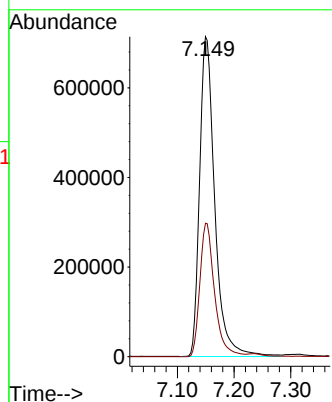
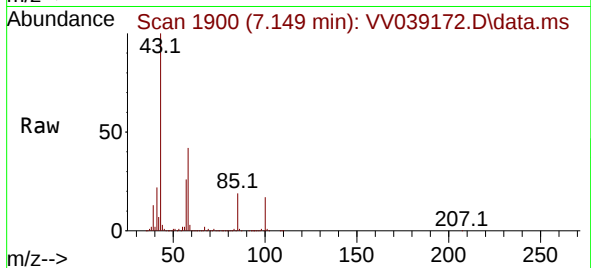
ClientSampleId :

Tgt Ion: 43 Resp: 1323865

Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5



#52

Toluene

Concen: 21.133 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV039172.D

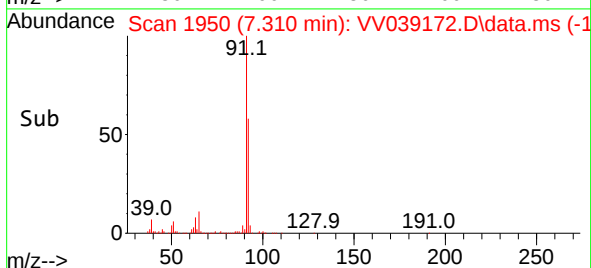
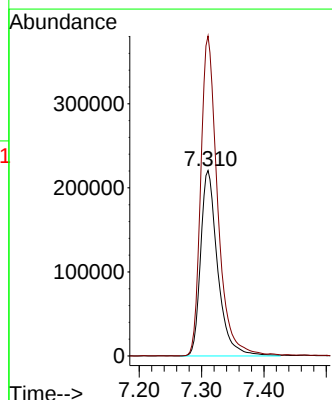
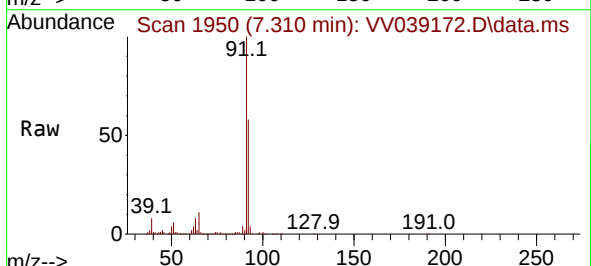
Acq: 25 Sep 2025 11:48

Tgt Ion: 92 Resp: 419567

Ion Ratio Lower Upper

92 100

91 170.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.495 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

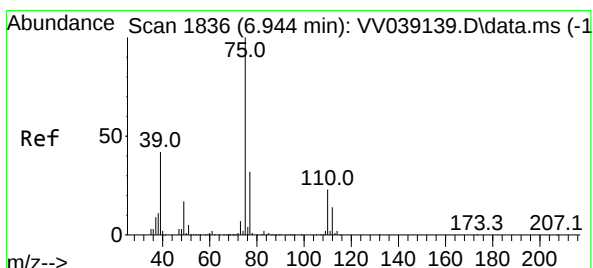
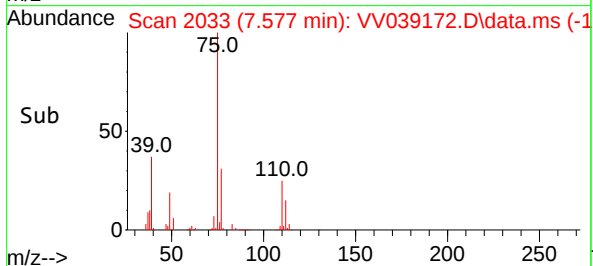
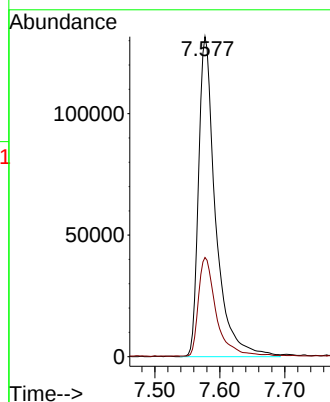
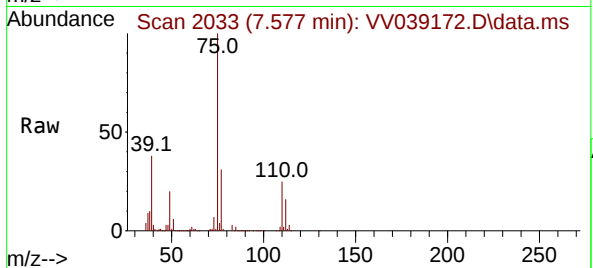
ClientSampleId :

Tgt Ion: 75 Resp: 240538

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.094 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

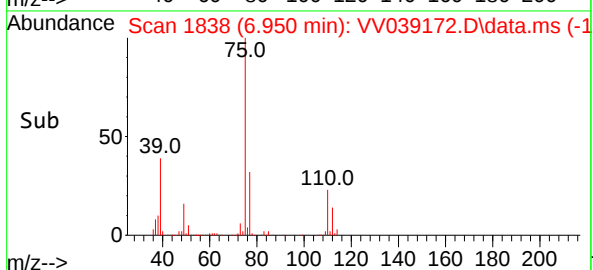
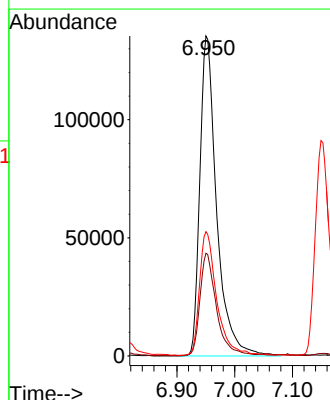
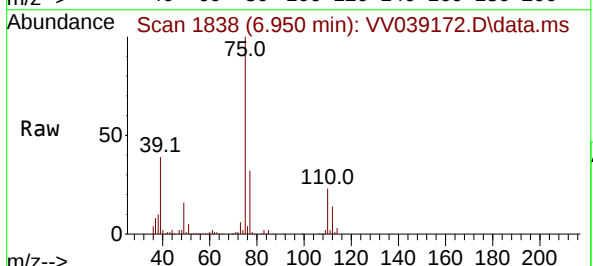
Tgt Ion: 75 Resp: 273300

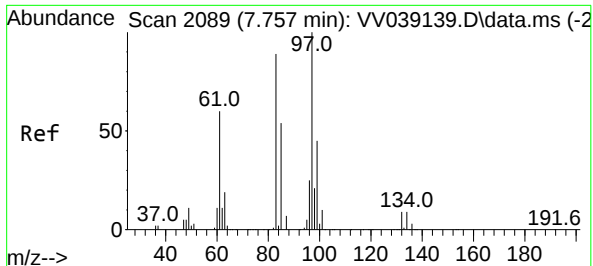
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

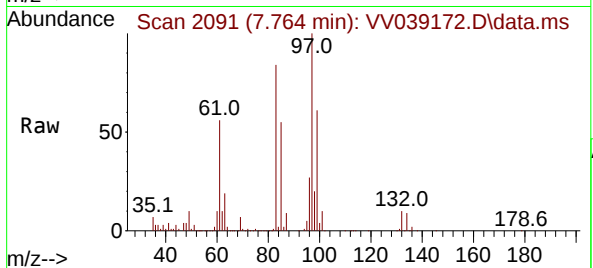
39 38.7 33.8 50.6



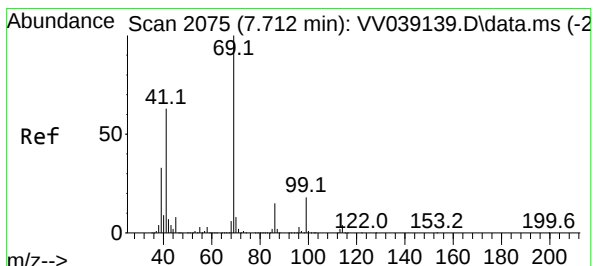
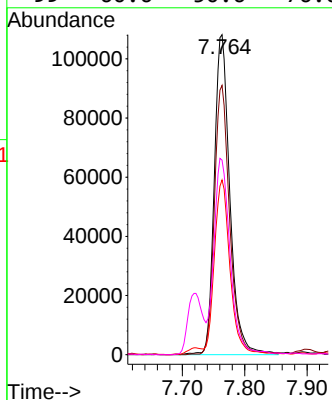
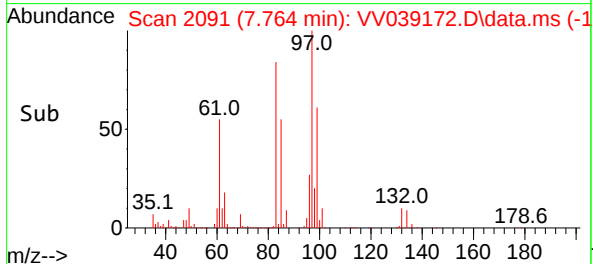


#55
1,1,2-Trichloroethane
Concen: 21.051 ug/l
RT: 7.764 min Scan# 2089
Delta R.T. 0.007 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

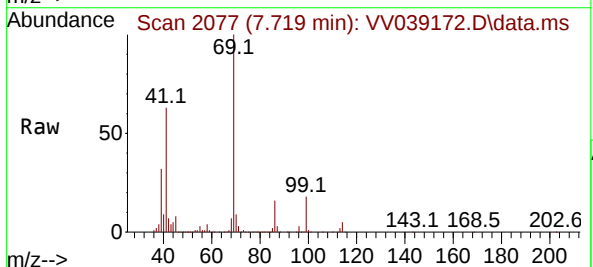
Instrument :
MSVOA_V
ClientSampleId :



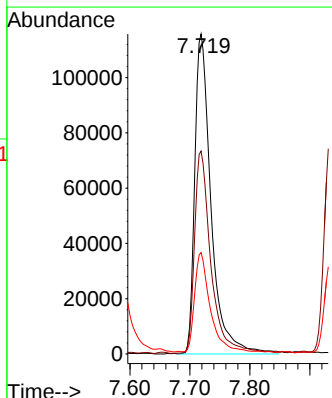
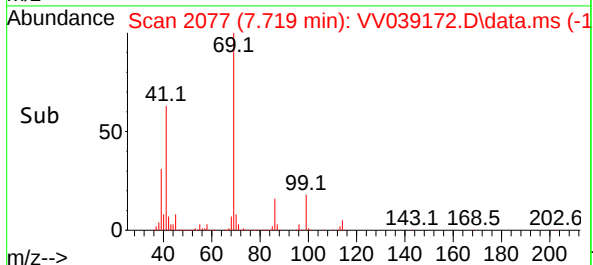
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	71.1	106.7
85	54.5	44.6	67.0
99	60.6	50.6	76.0



#56
Ethyl methacrylate
Concen: 20.798 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.7	76.1
39	29.2	26.0	39.0





#57

1,3-Dichloropropane

Concen: 20.357 ug/l

RT: 7.937 min Scan# 2143

Delta R.T. 0.006 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

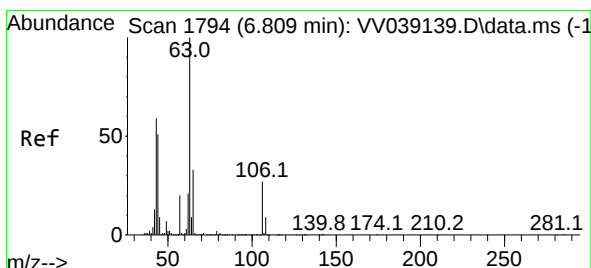
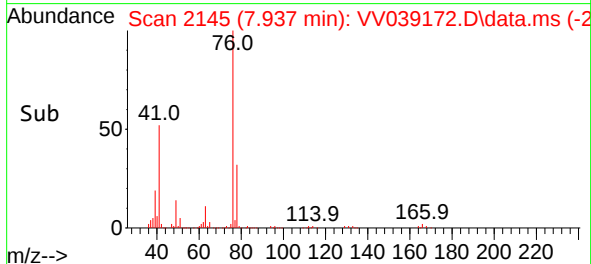
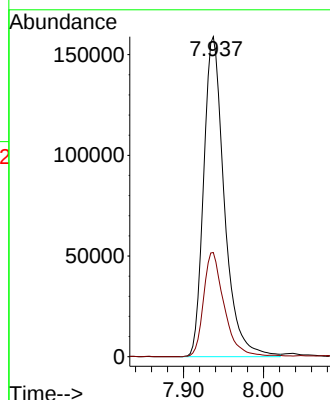
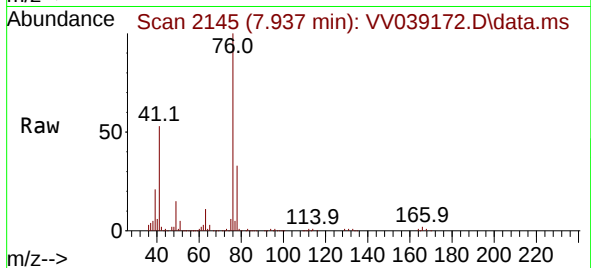
ClientSampleId :

Tgt Ion: 76 Resp: 285998

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.034 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV039172.D

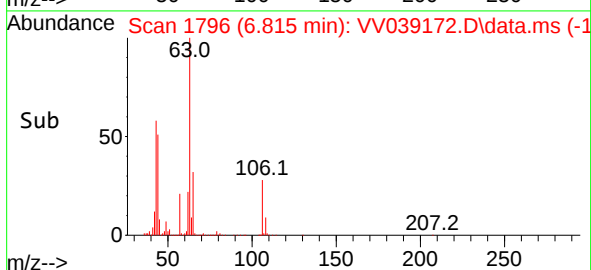
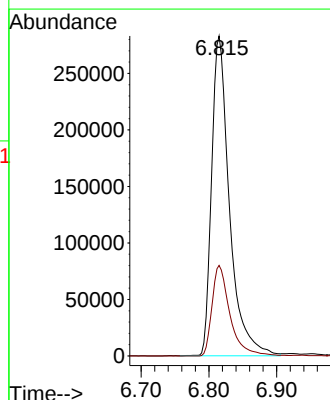
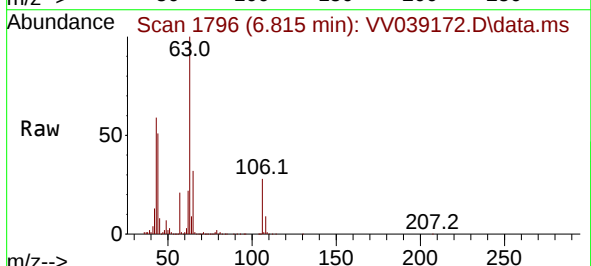
Acq: 25 Sep 2025 11:48

Tgt Ion: 63 Resp: 517852

Ion Ratio Lower Upper

63 100

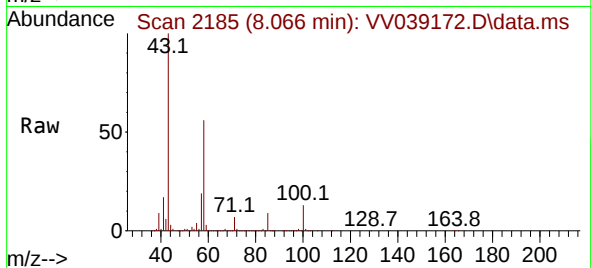
106 28.5 22.1 33.1



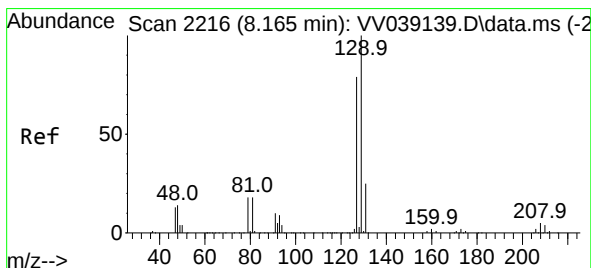
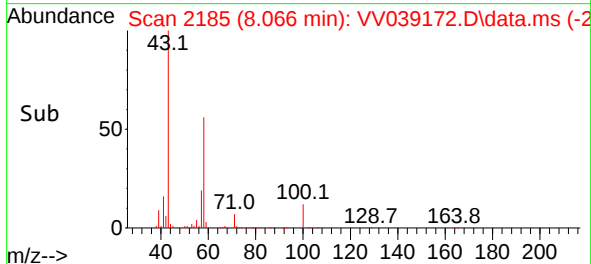
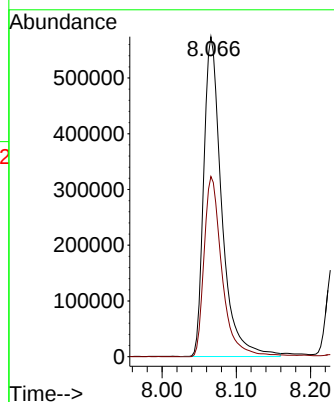


#59
2-Hexanone
Concen: 105.686 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Instrument :
MSVOA_V
ClientSampleId :

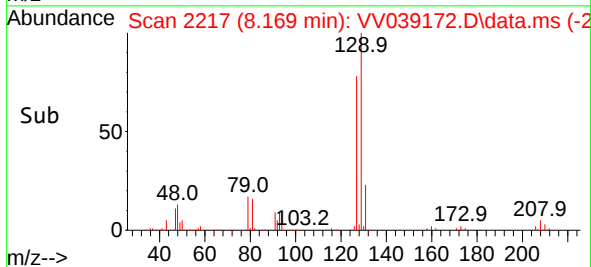
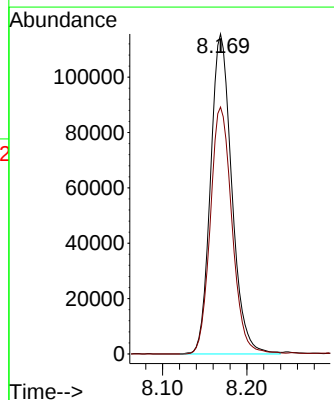
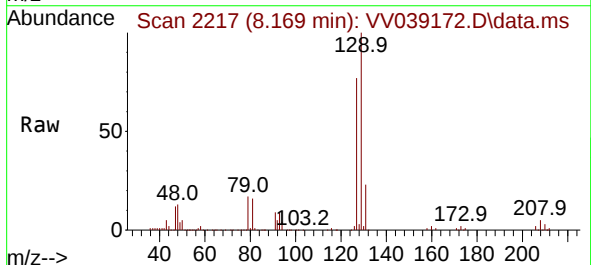


Tgt Ion: 43 Resp: 963897
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0



#60
Dibromochloromethane
Concen: 20.005 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 129 Resp: 202924
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

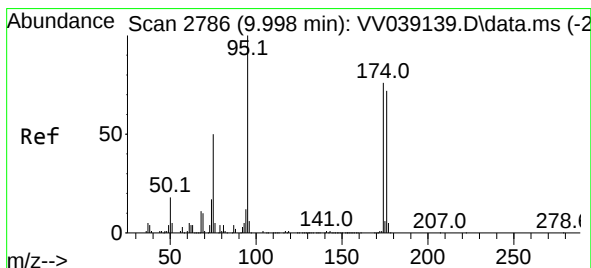
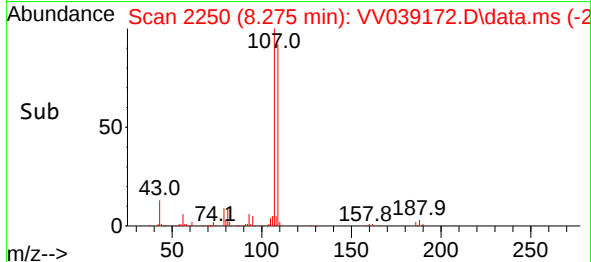
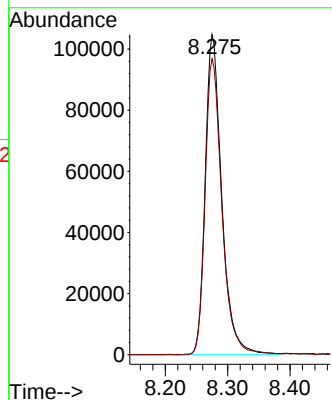
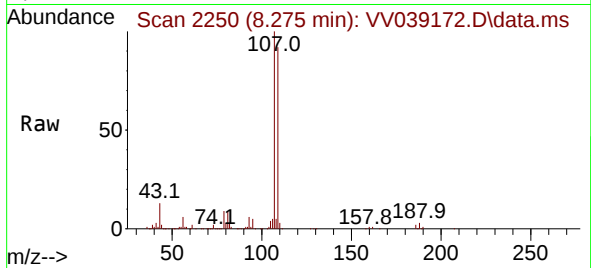




#61
1,2-Dibromoethane
Concen: 21.214 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

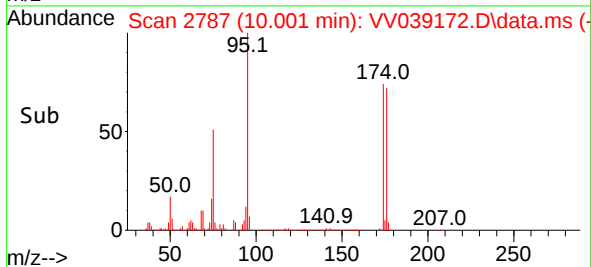
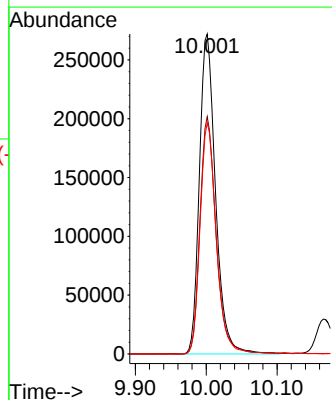
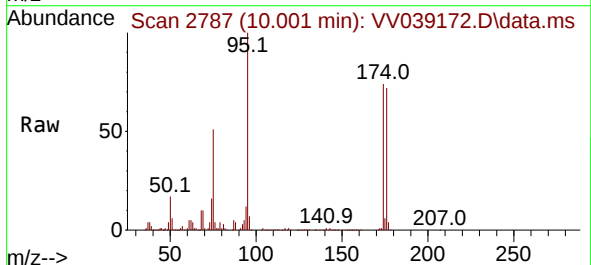
Instrument :
MSVOA_V
ClientSampleId :

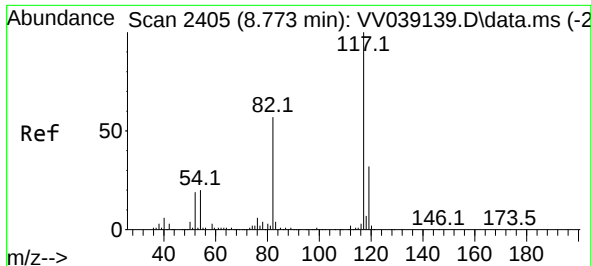
Tgt Ion:107 Resp: 193140
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 51.253 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 95 Resp: 431008
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 72.2 0.0 144.2

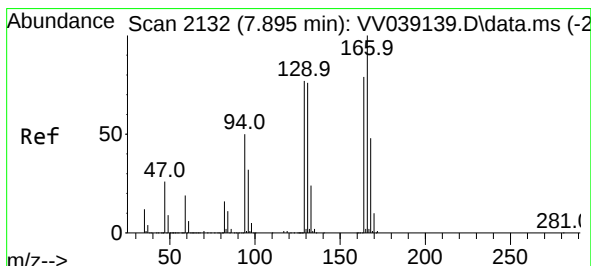
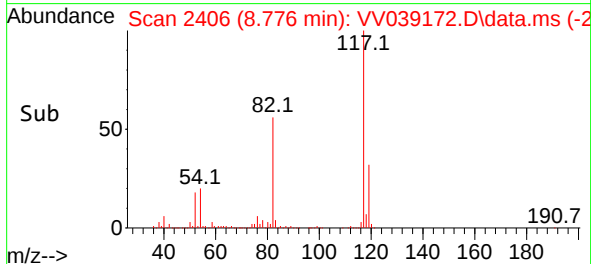
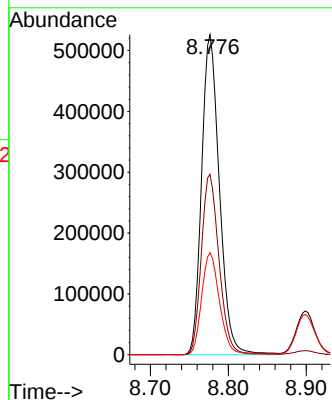
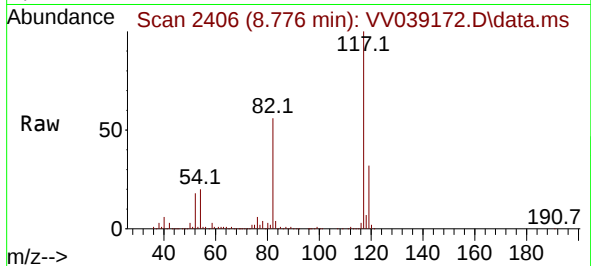




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

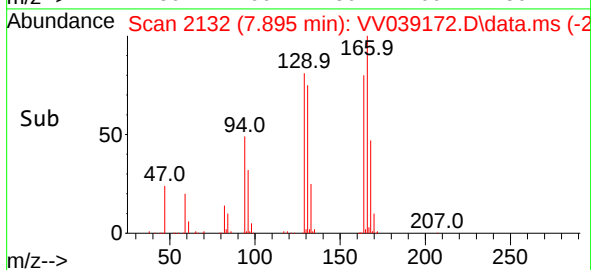
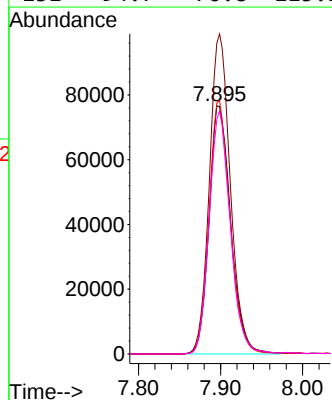
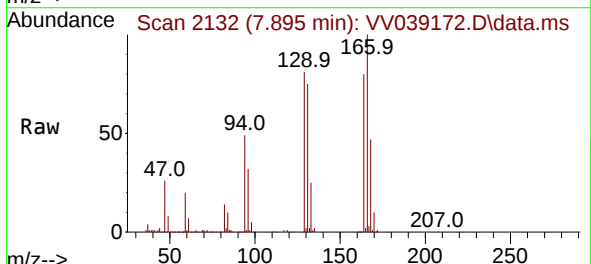
Instrument :
MSVOA_V
ClientSampleId :

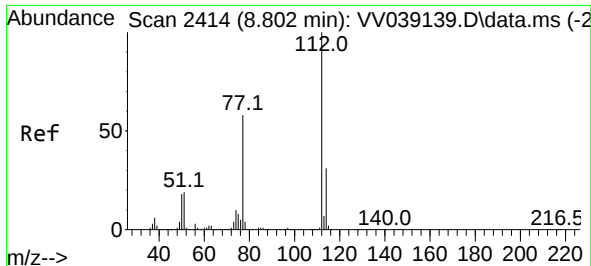
Tgt Ion:117 Resp: 836399
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 19.997 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion:164 Resp: 140090
Ion Ratio Lower Upper
164 100
166 125.4 101.6 152.4
129 101.3 78.5 117.7
131 94.7 76.8 115.2

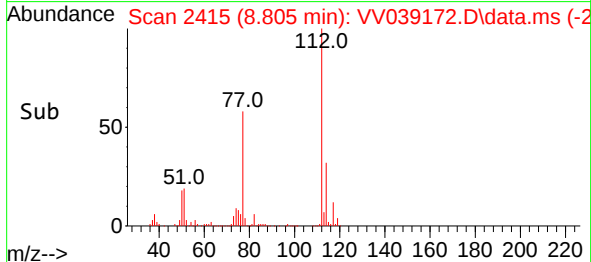
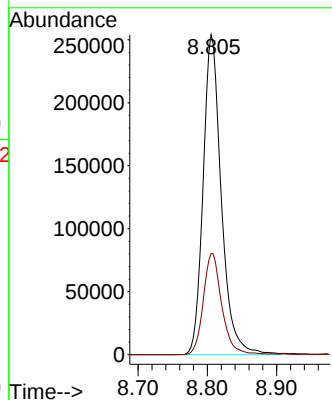
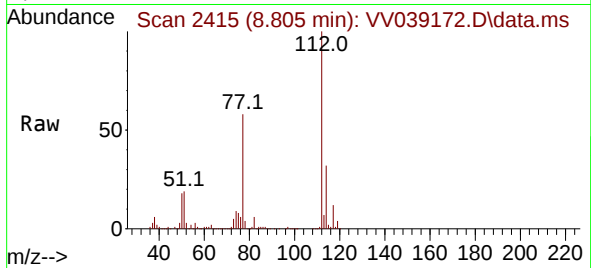




#65
Chlorobenzene
Concen: 19.884 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

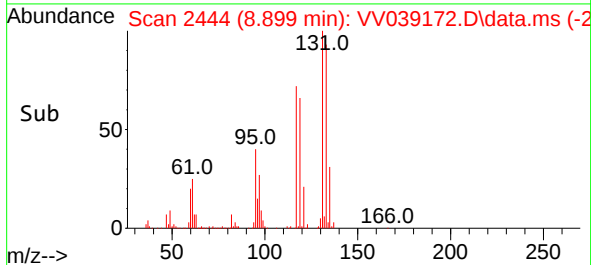
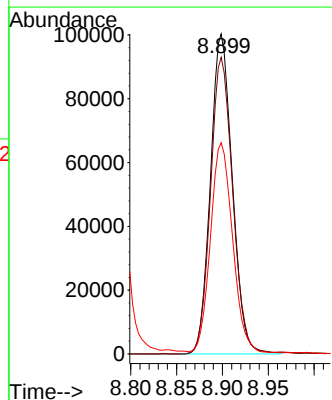
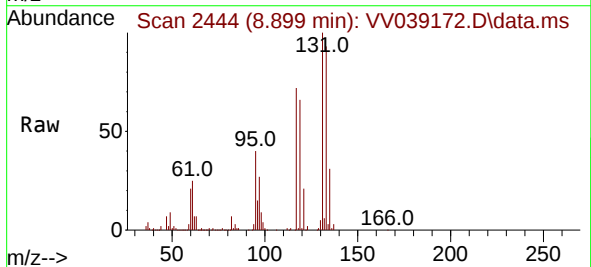
Instrument :
MSVOA_V
ClientSampleId :

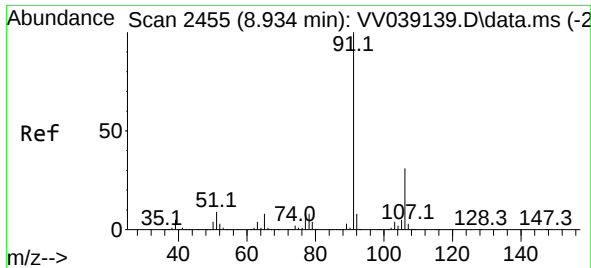
Tgt Ion:112 Resp: 463239
Ion Ratio Lower Upper
112 100
114 31.5 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.750 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion:131 Resp: 166251
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 66.0 33.3 99.8

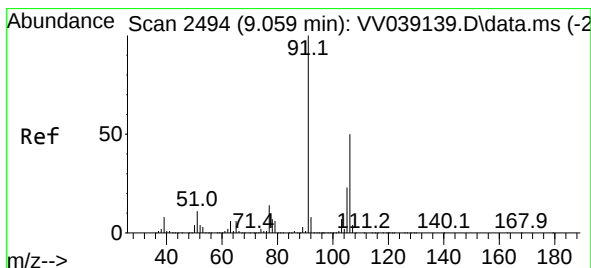
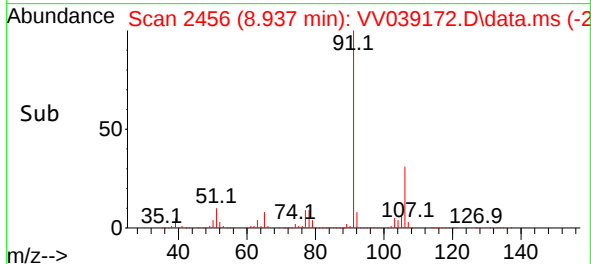
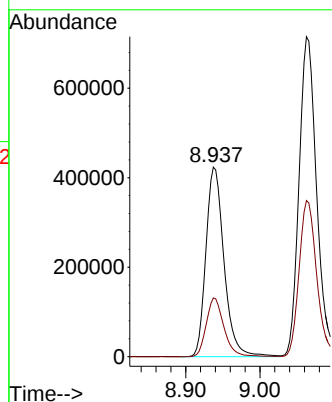
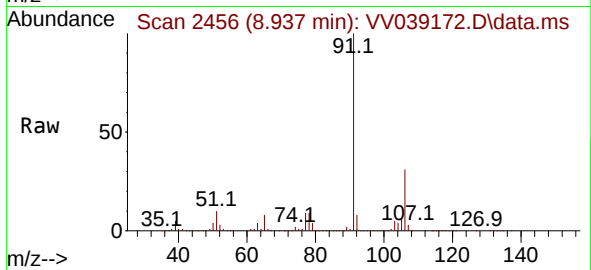




#67
Ethyl Benzene
Concen: 20.343 ug/l
RT: 8.937 min Scan# 2455
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

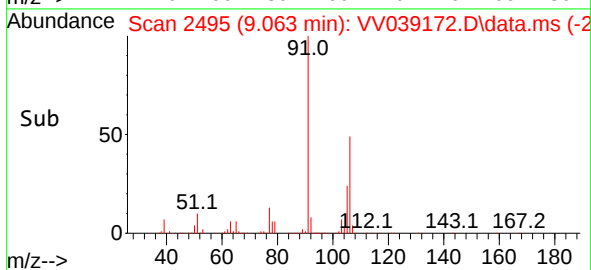
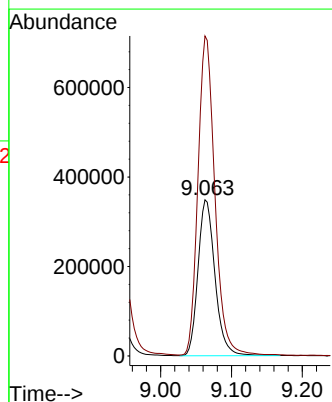
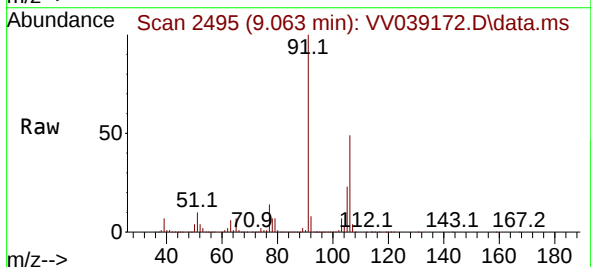
Instrument :
MSVOA_V
ClientSampleId :

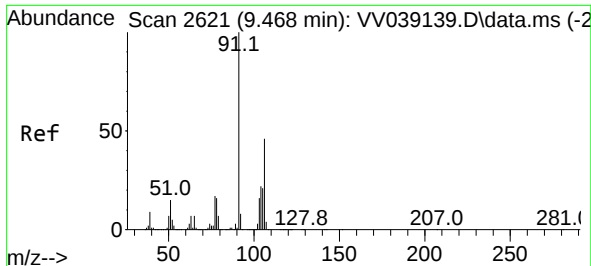
Tgt Ion: 91 Resp: 717398
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 42.585 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 106 Resp: 579633
Ion Ratio Lower Upper
106 100
91 203.1 162.5 243.7

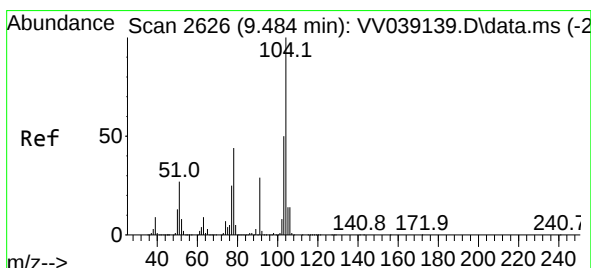
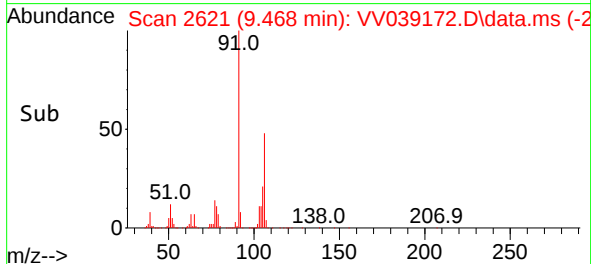
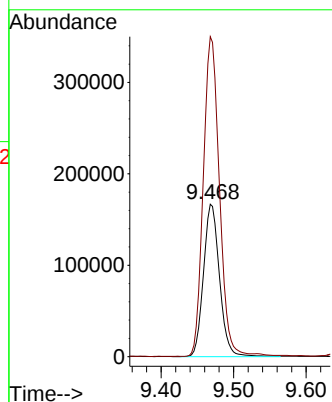
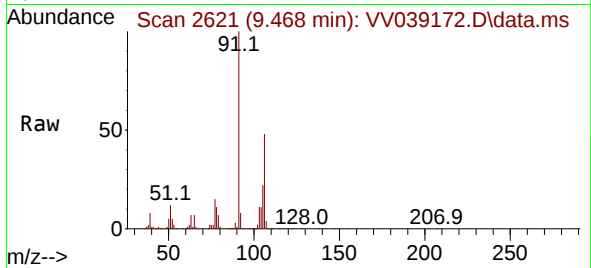




#69
o-Xylene
Concen: 21.262 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

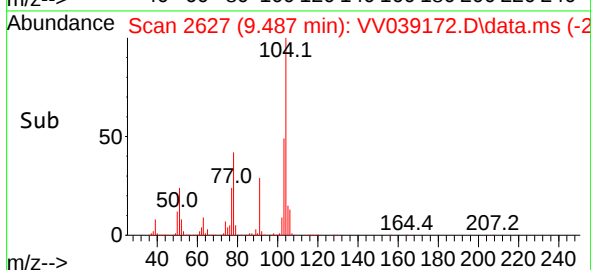
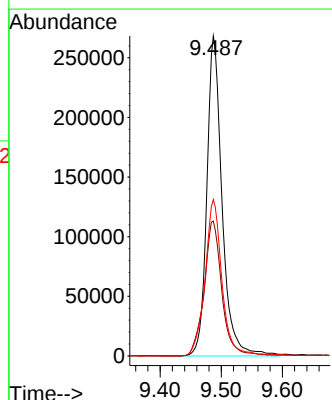
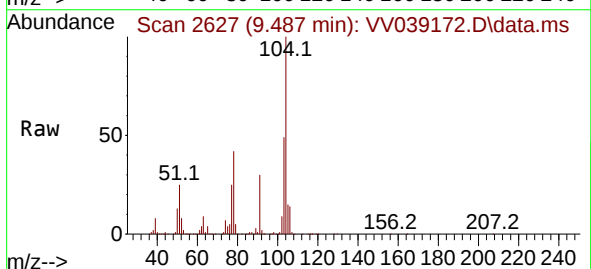
Instrument :
MSVOA_V
ClientSampleId :

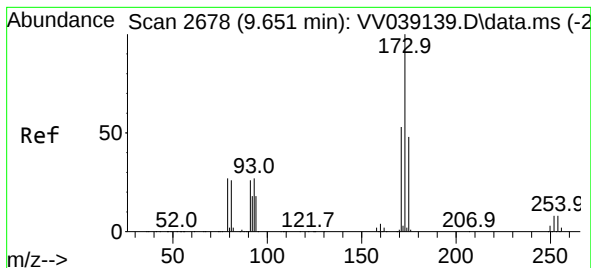
Tgt Ion:106 Resp: 256247
Ion Ratio Lower Upper
106 100
91 210.2 109.1 327.3



#70
Styrene
Concen: 19.177 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion:104 Resp: 466254
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 54.3 43.4 65.2





#71

Bromoform

Concen: 20.927 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

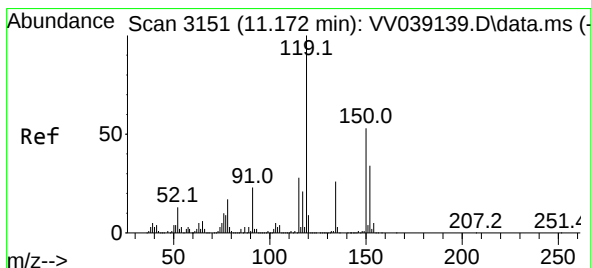
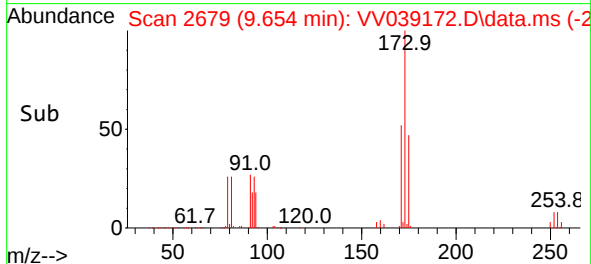
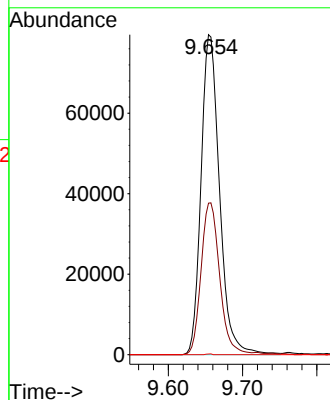
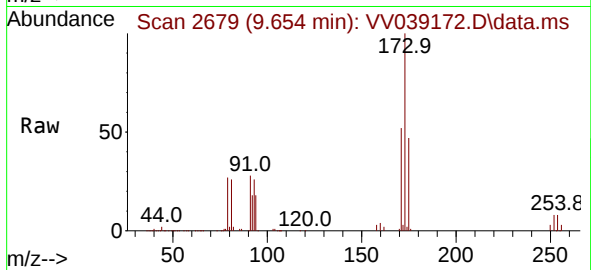
Tgt Ion:173 Resp: 137603

Ion Ratio Lower Upper

173 100

175 47.6 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: VV039172.D

Acq: 25 Sep 2025 11:48

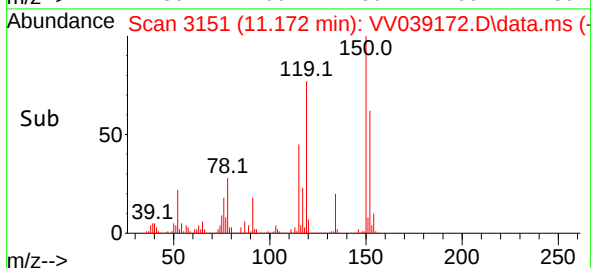
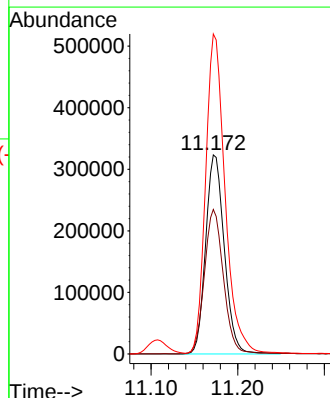
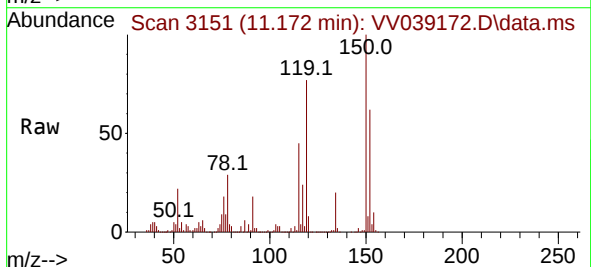
Tgt Ion:152 Resp: 484759

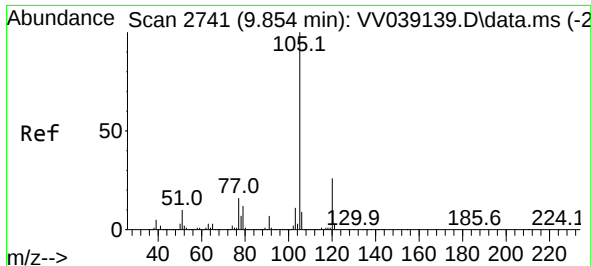
Ion Ratio Lower Upper

152 100

115 73.8 44.8 134.4

150 167.2 0.0 353.8

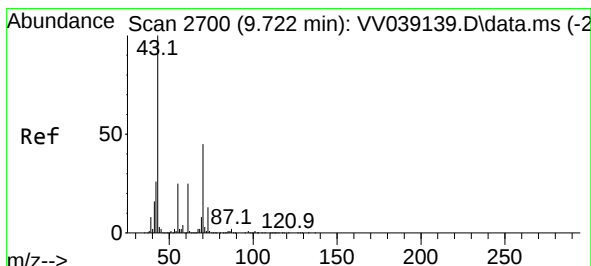
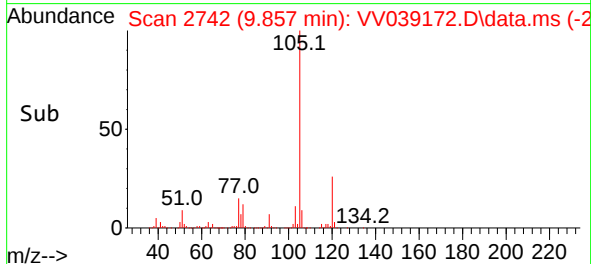
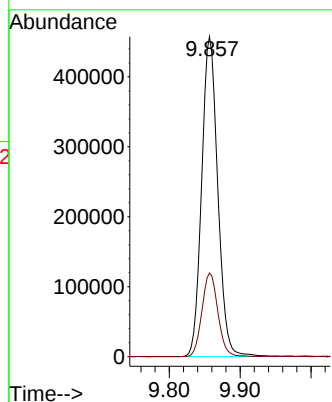
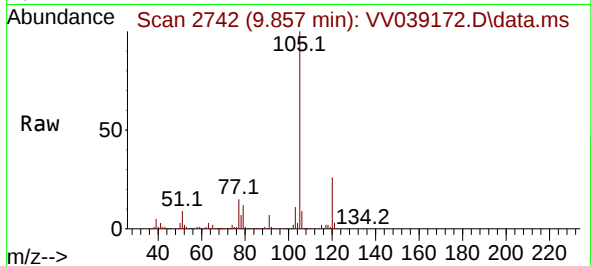




#73
Isopropylbenzene
Concen: 20.491 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

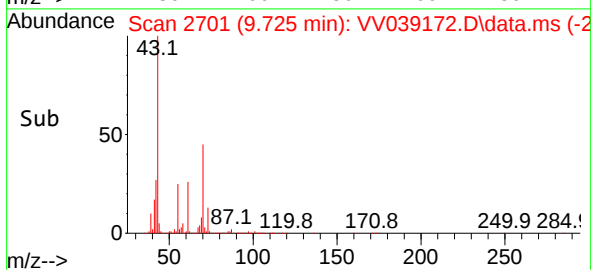
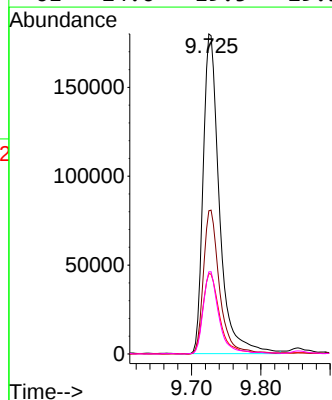
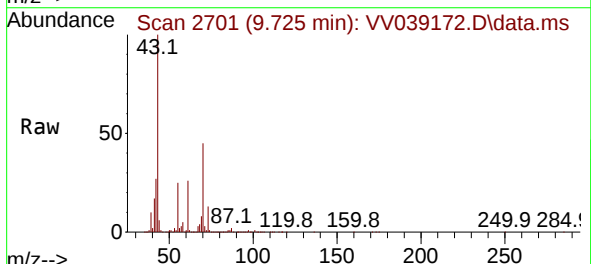
Instrument :
MSVOA_V
ClientSampleId :

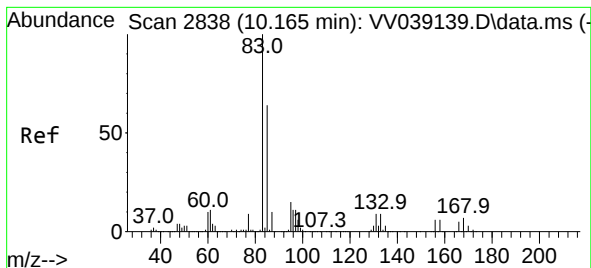
Tgt Ion:105 Resp: 720452
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 20.976 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 43 Resp: 294176
Ion Ratio Lower Upper
43 100
70 44.5 35.4 53.0
55 26.0 20.6 30.8
61 24.6 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.866 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

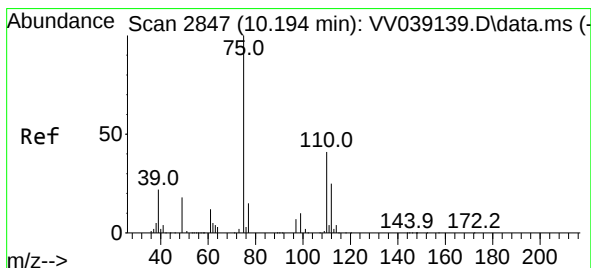
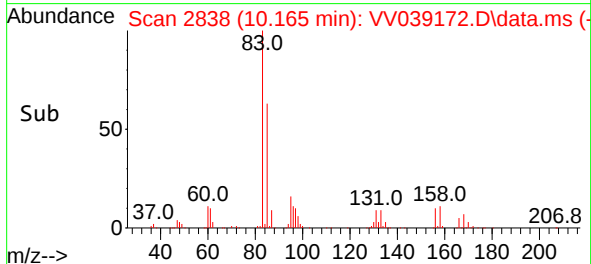
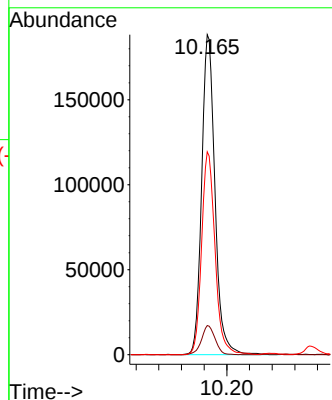
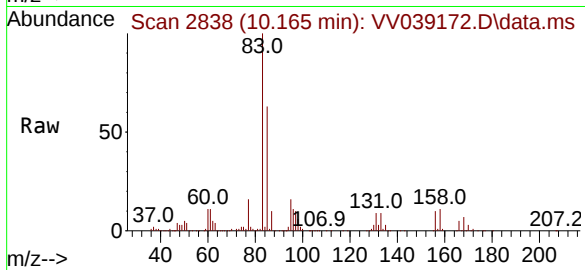
Tgt Ion: 83 Resp: 306044

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

85 64.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 19.701 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039172.D

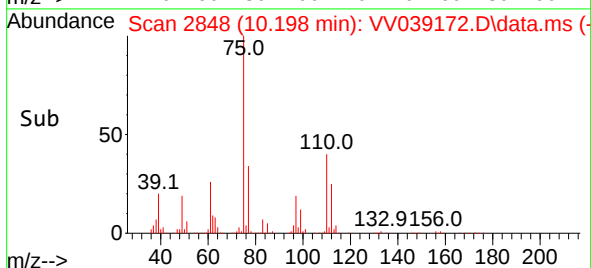
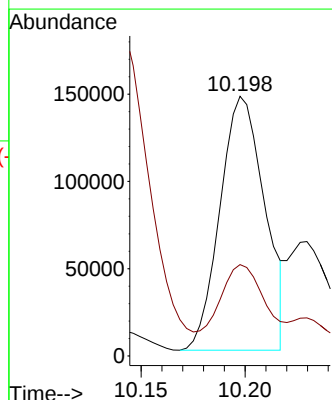
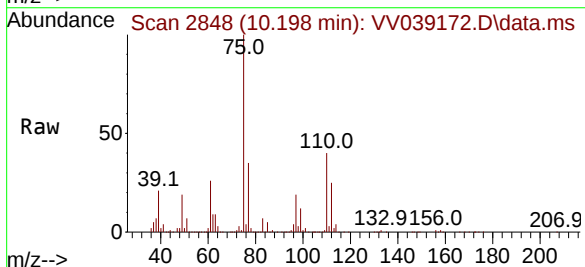
Acq: 25 Sep 2025 11:48

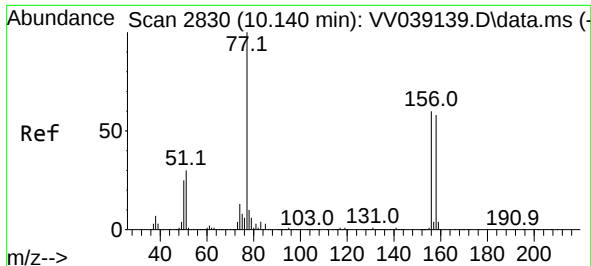
Tgt Ion: 75 Resp: 217440

Ion Ratio Lower Upper

75 100

77 24.6 11.3 33.8

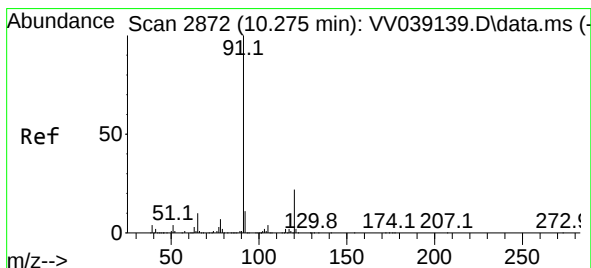
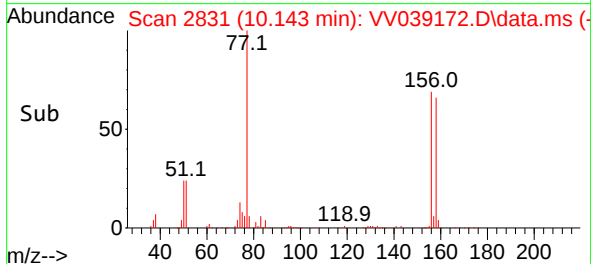
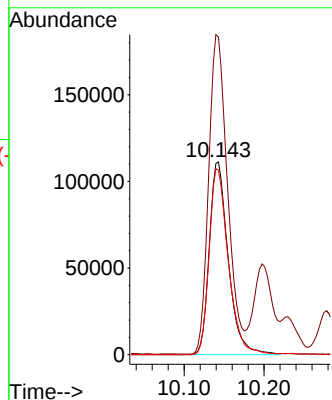
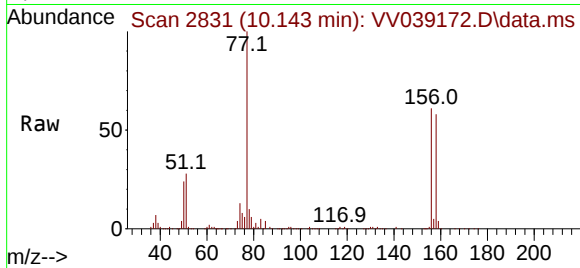




#77
Bromobenzene
Concen: 20.110 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

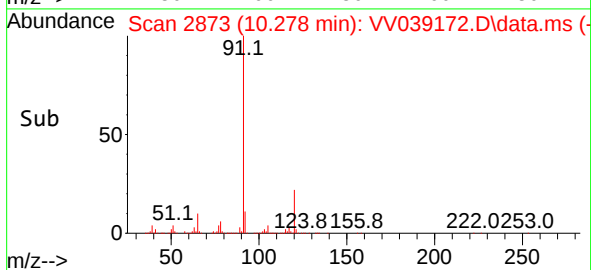
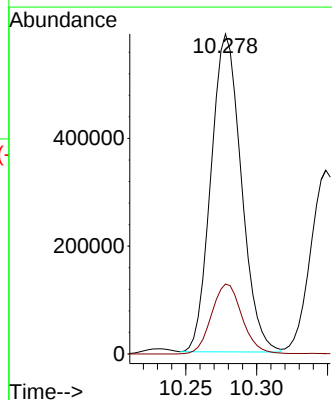
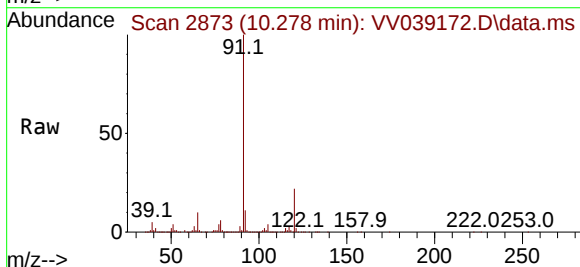
Instrument :
MSVOA_V
ClientSampleId :

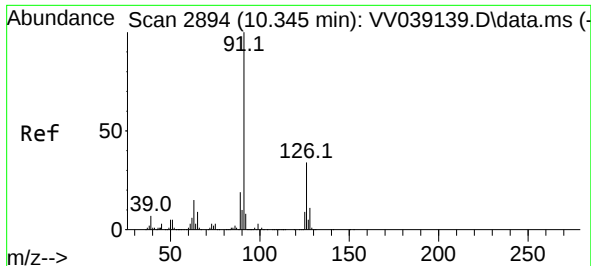
Tgt Ion:156 Resp: 183447
Ion Ratio Lower Upper
156 100
77 164.0 83.4 250.1
158 97.1 48.8 146.4



#78
n-propylbenzene
Concen: 20.499 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 91 Resp: 877708
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3

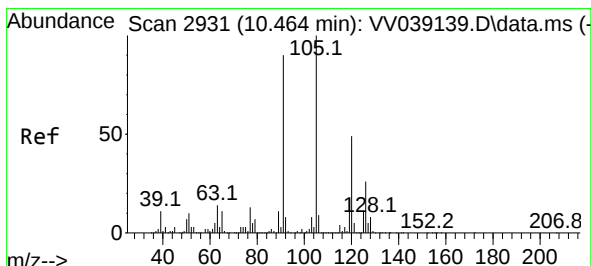
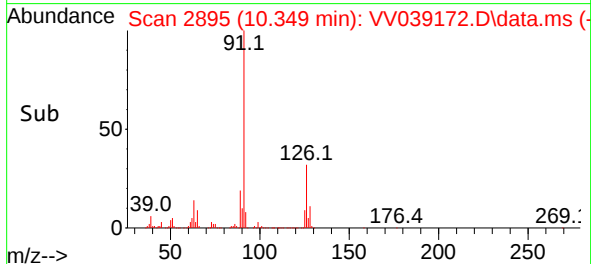
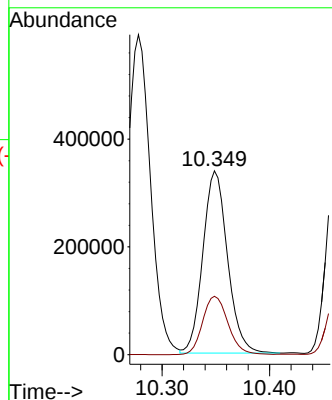
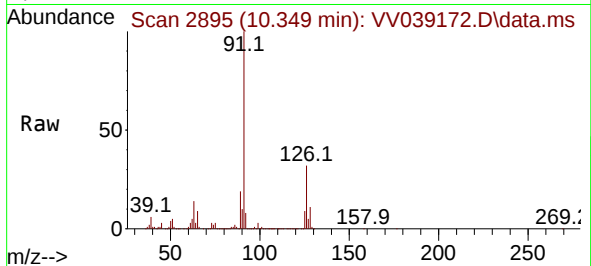




#79
2-Chlorotoluene
Concen: 20.985 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

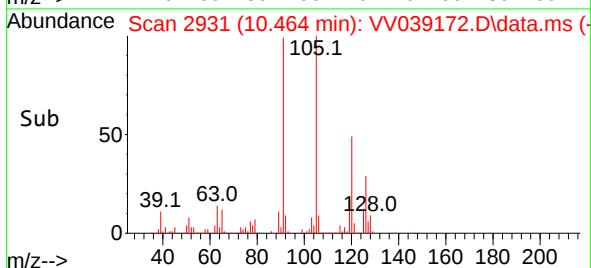
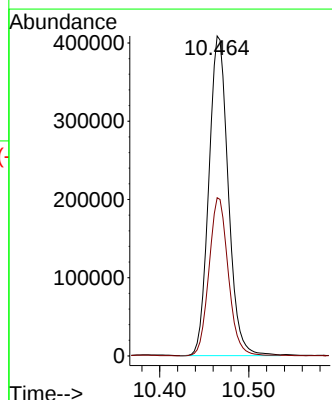
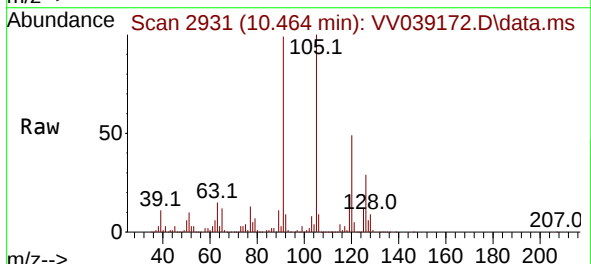
Instrument :
MSVOA_V
ClientSampleId :

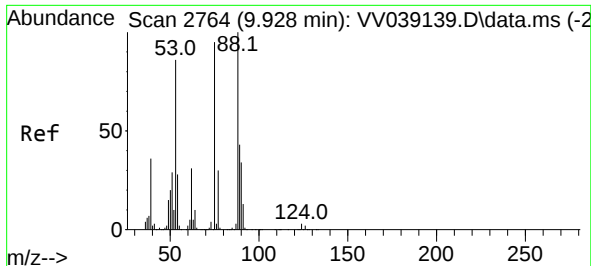
Tgt Ion: 91 Resp: 537624
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.078 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 105 Resp: 615992
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

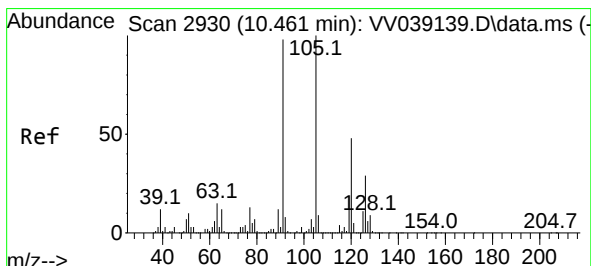
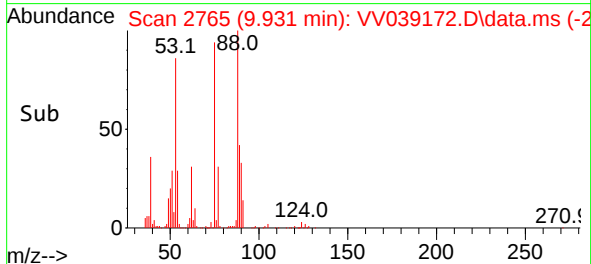
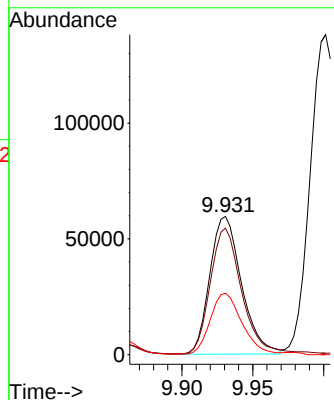
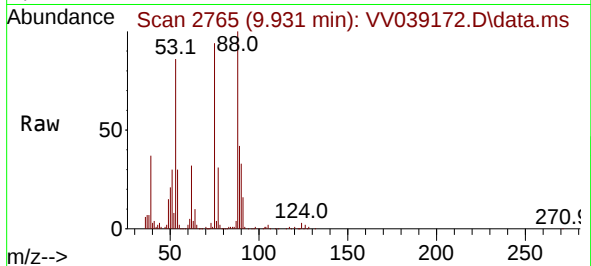




#81
trans-1,4-Dichloro-2-butene
Concen: 20.123 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

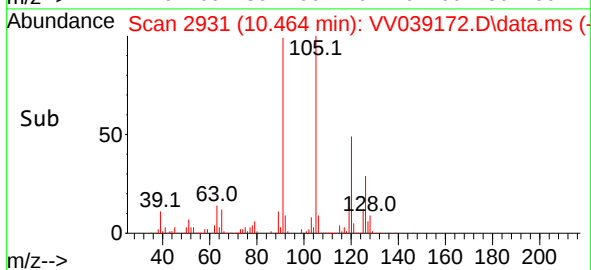
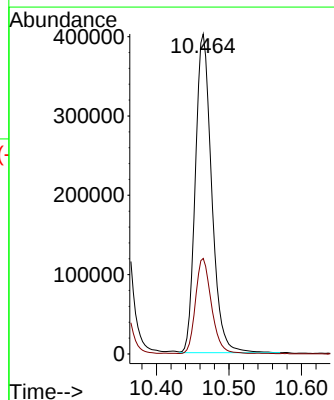
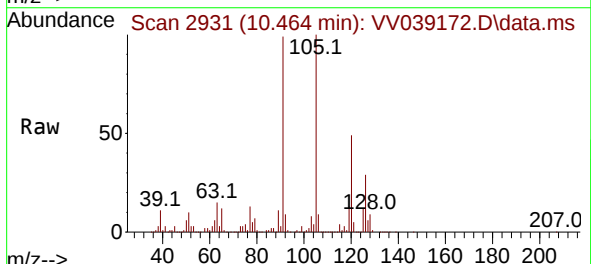
Instrument :
MSVOA_V
ClientSampleId :

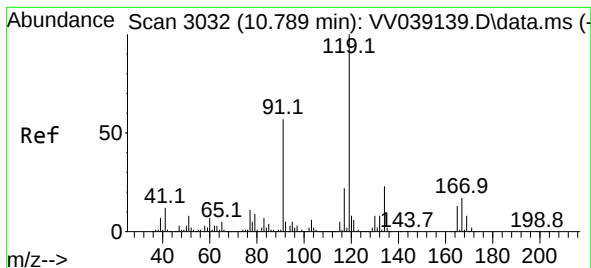
Tgt Ion: 75 Resp: 92514
Ion Ratio Lower Upper
75 100
53 91.1 72.5 108.7
89 43.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.065 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039172.D
Acq: 25 Sep 2025 11:48

Tgt Ion: 91 Resp: 625795
Ion Ratio Lower Upper
91 100
126 29.2 14.5 43.6





#83

tert-Butylbenzene

Concen: 19.682 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

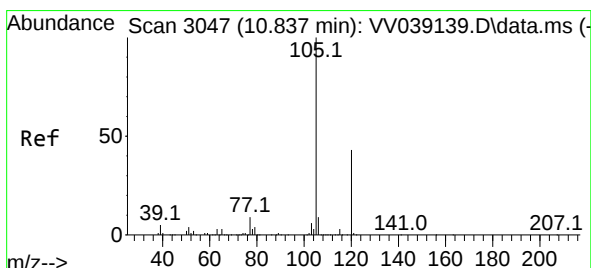
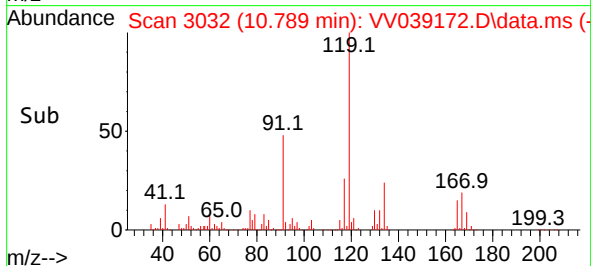
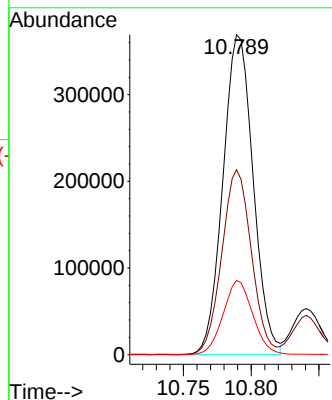
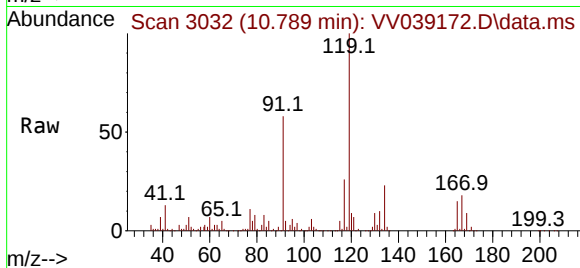
Tgt Ion:119 Resp: 573546

Ion Ratio Lower Upper

119 100

91 56.3 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.285 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039172.D

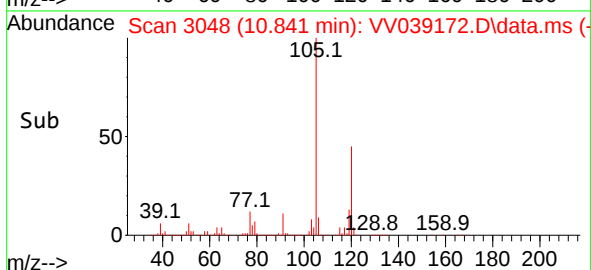
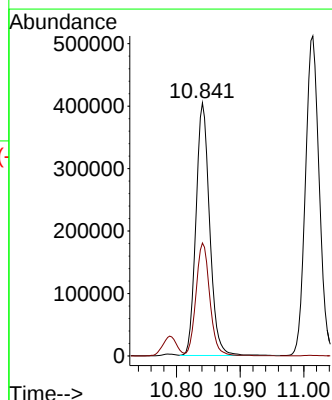
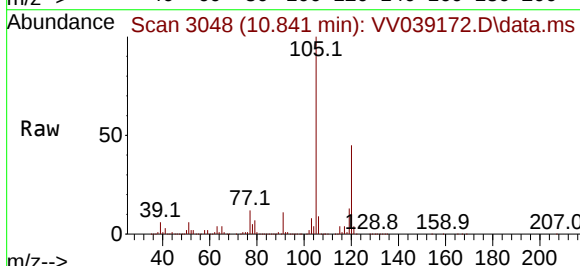
Acq: 25 Sep 2025 11:48

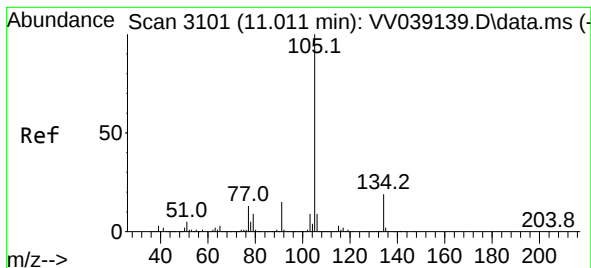
Tgt Ion:105 Resp: 603904

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.2





#85

sec-Butylbenzene

Concen: 19.854 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

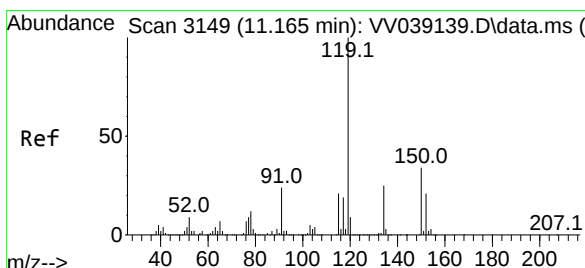
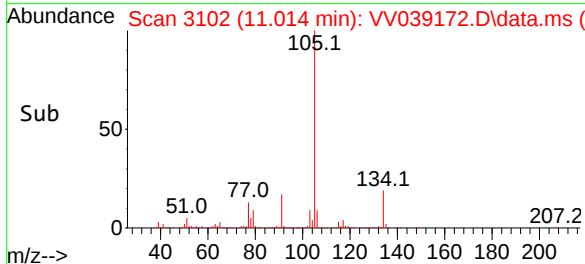
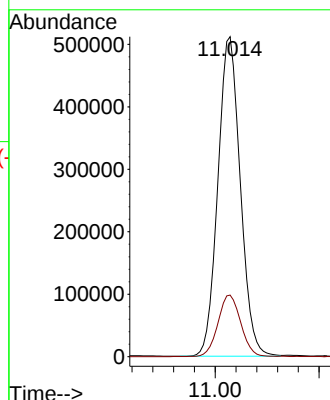
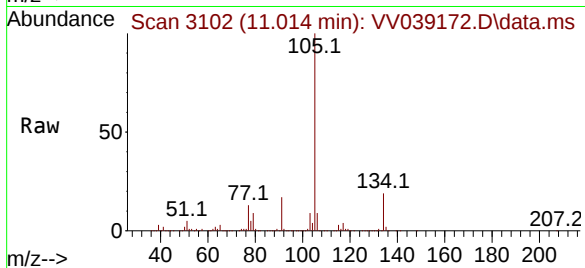
ClientSampleId :

Tgt Ion:105 Resp: 767385

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.216 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

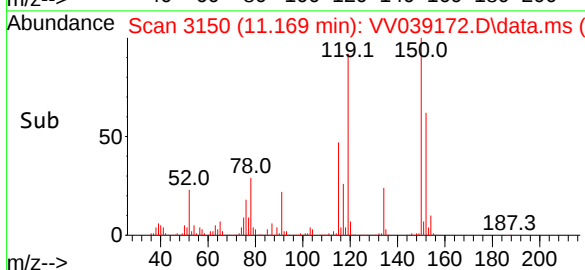
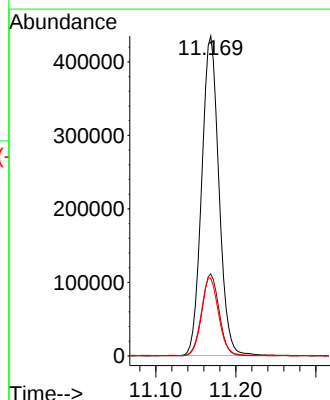
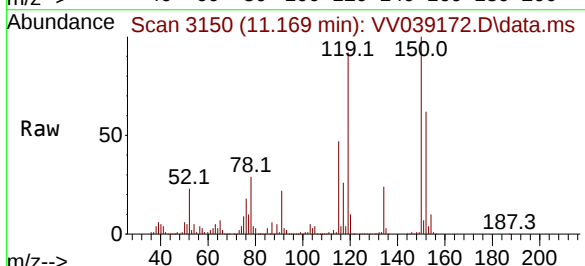
Tgt Ion:119 Resp: 650370

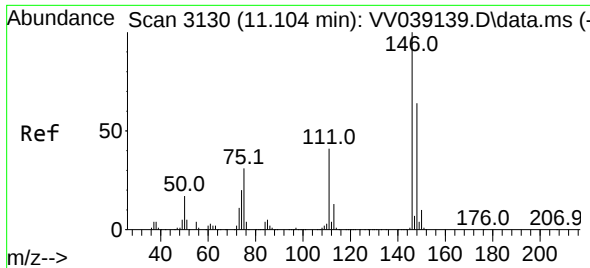
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

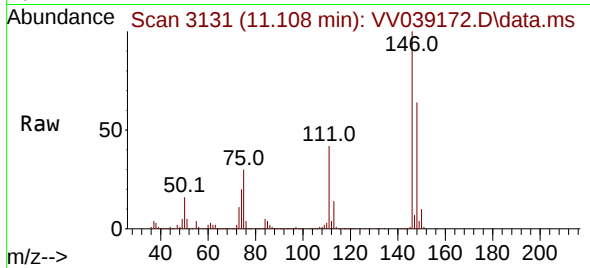
91 24.6 12.0 36.1



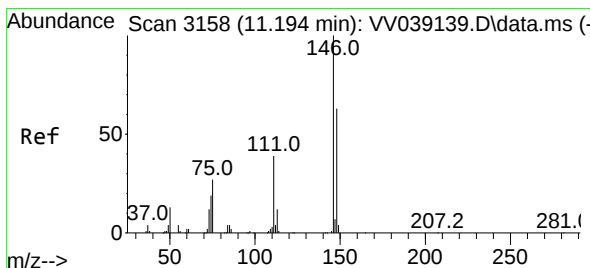
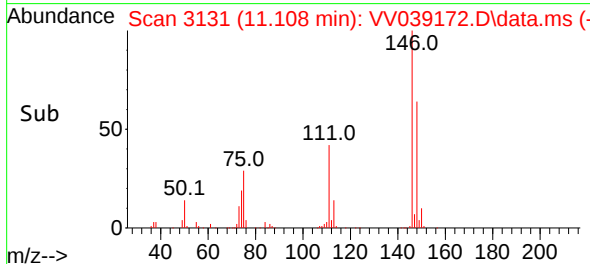
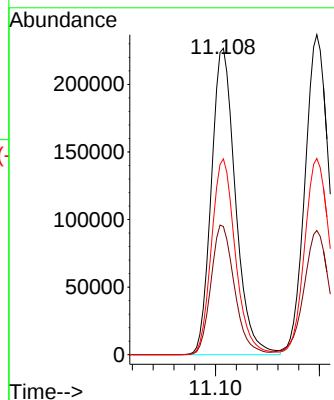


#87
 1,3-Dichlorobenzene
 Concen: 19.801 ug/l
 RT: 11.108 min Scan# 3131
 Delta R.T. 0.003 min
 Lab File: VV039172.D
 Acq: 25 Sep 2025 11:48

Instrument :
 MSVOA_V
 ClientSampleId :

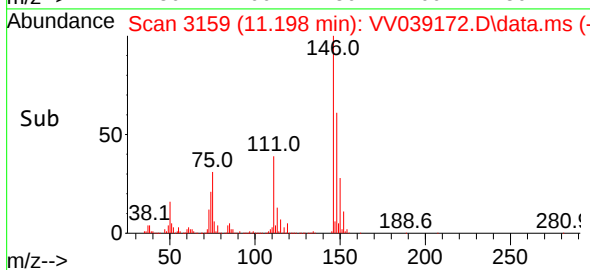
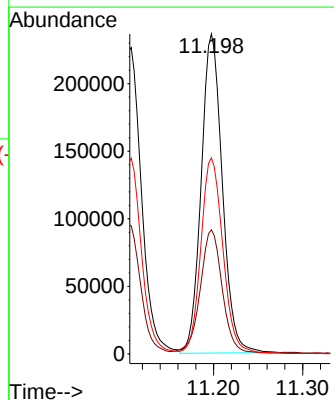
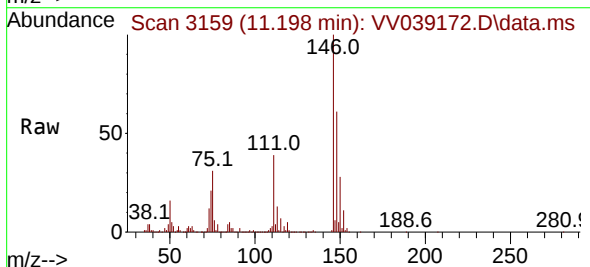


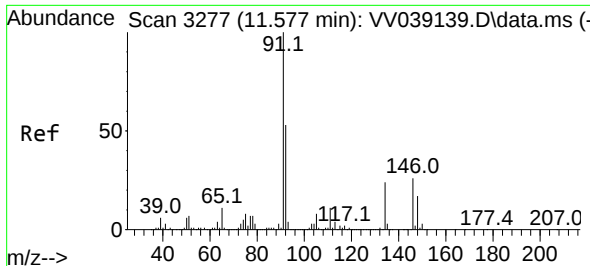
Tgt Ion:146 Resp: 365564
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.233 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.003 min
 Lab File: VV039172.D
 Acq: 25 Sep 2025 11:48

Tgt Ion:146 Resp: 389551
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.8
 148 63.9 31.4 94.2





#89

n-Butylbenzene

Concen: 19.605 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

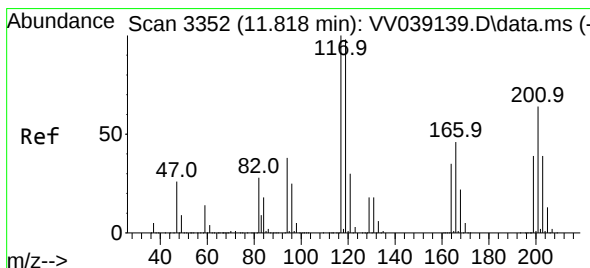
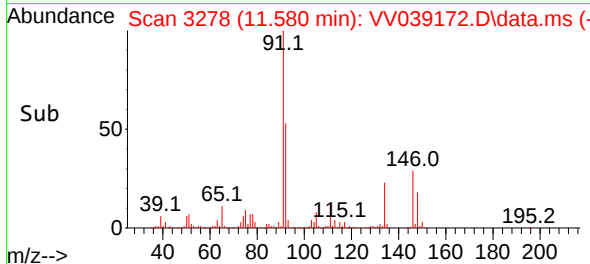
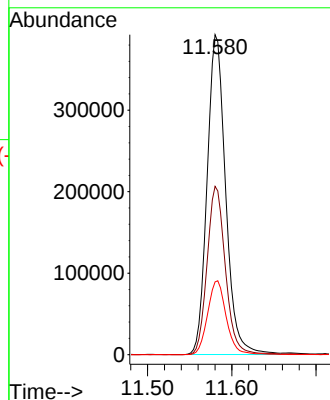
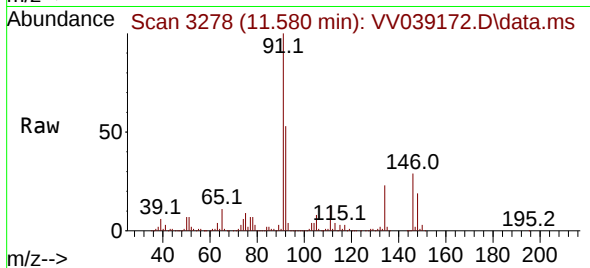
Tgt Ion: 91 Resp: 602344

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.8

134 23.4 12.1 36.3



#90

Hexachloroethane

Concen: 17.949 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039172.D

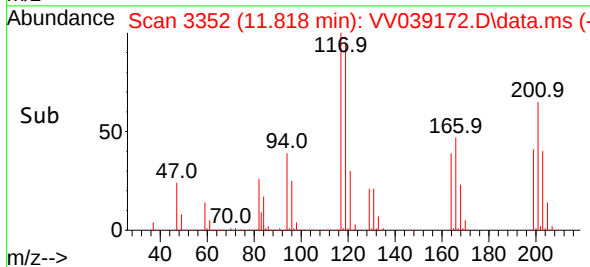
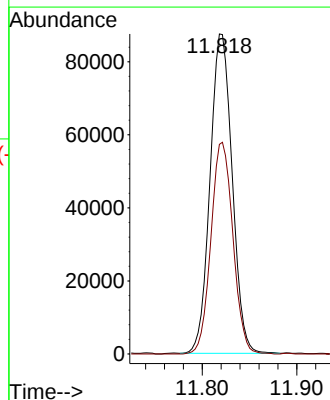
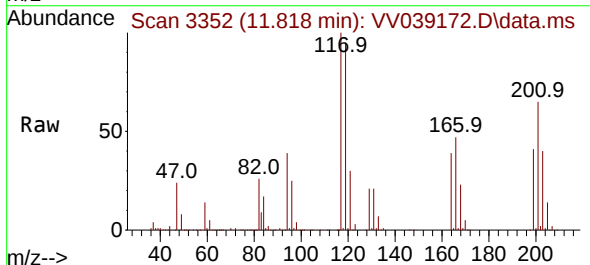
Acq: 25 Sep 2025 11:48

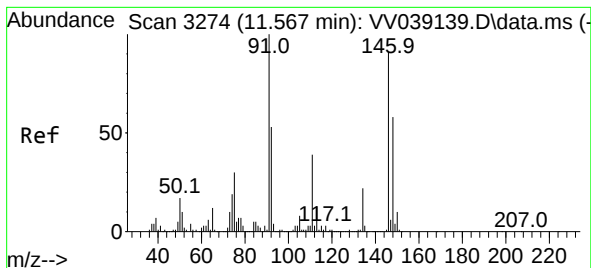
Tgt Ion: 117 Resp: 142193

Ion Ratio Lower Upper

117 100

201 65.8 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 19.932 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

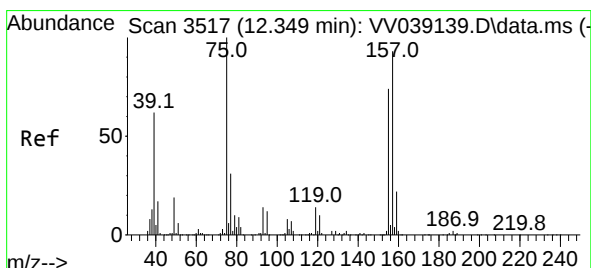
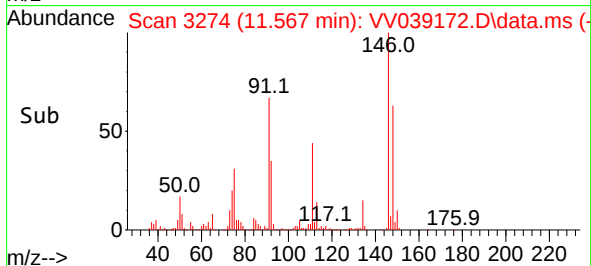
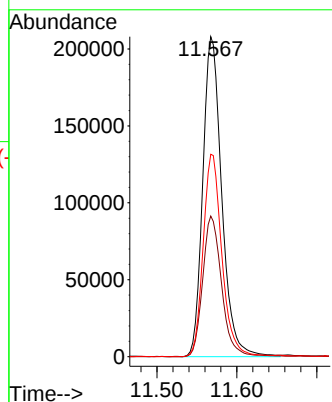
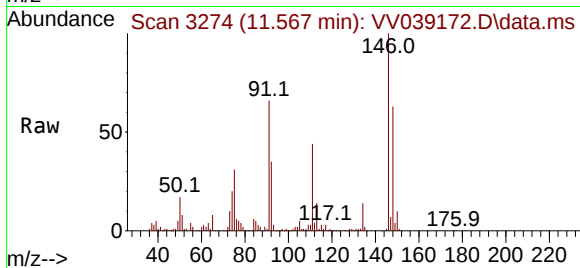
Tgt Ion:146 Resp: 343793

Ion Ratio Lower Upper

146 100

111 43.8 21.5 64.5

148 62.4 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.051 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

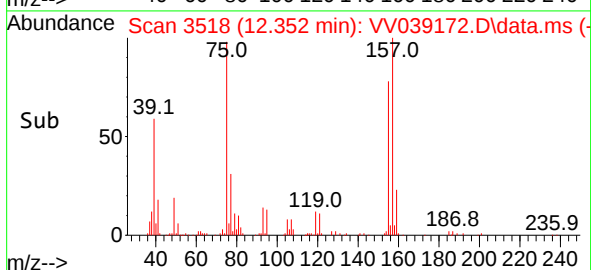
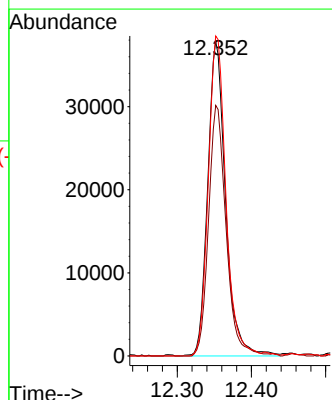
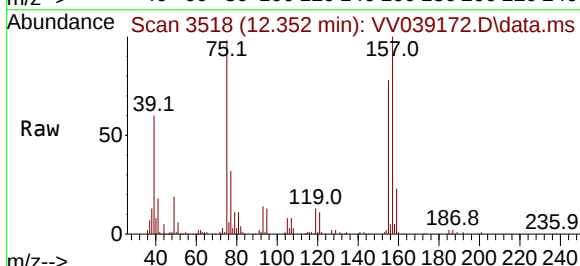
Tgt Ion: 75 Resp: 63104

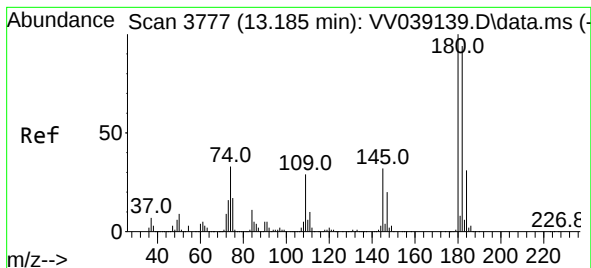
Ion Ratio Lower Upper

75 100

155 78.2 38.6 115.8

157 100.0 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 19.678 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

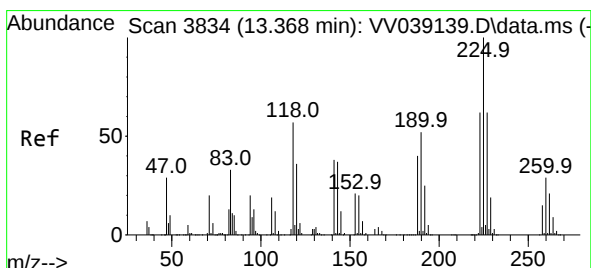
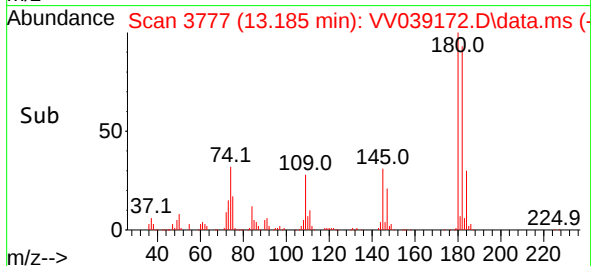
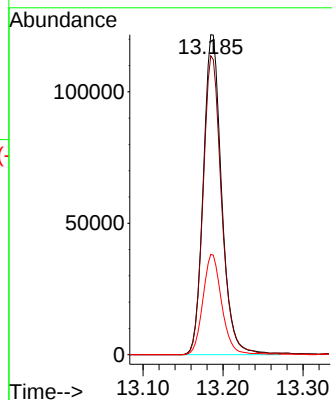
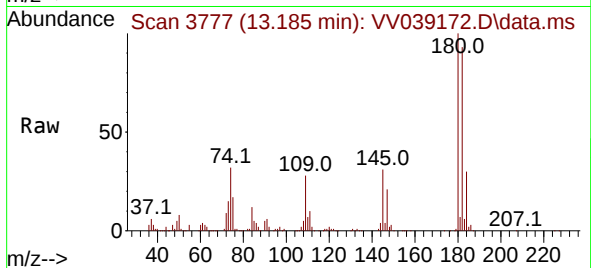
Tgt Ion:180 Resp: 194560

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.4

145 31.9 16.3 48.8



#94

Hexachlorobutadiene

Concen: 18.773 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

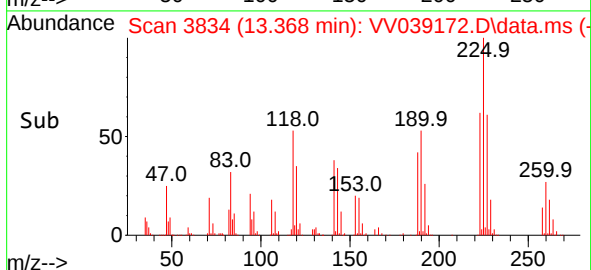
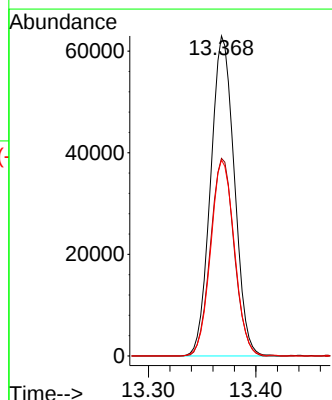
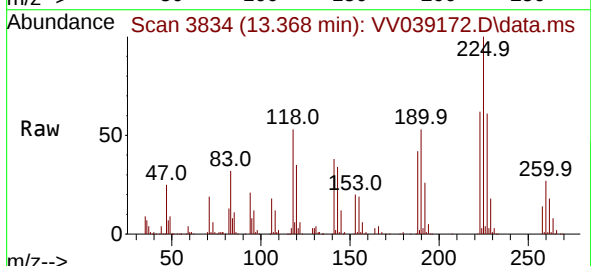
Tgt Ion:225 Resp: 96450

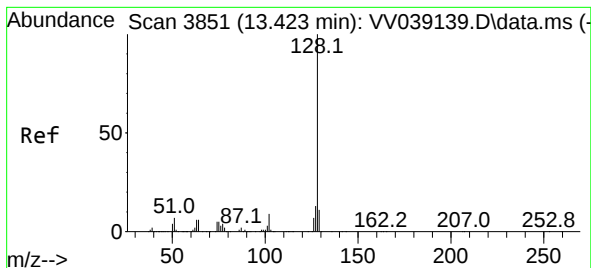
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.7

227 61.2 31.8 95.4





#95

Naphthalene

Concen: 20.437 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Instrument :

MSVOA_V

ClientSampleId :

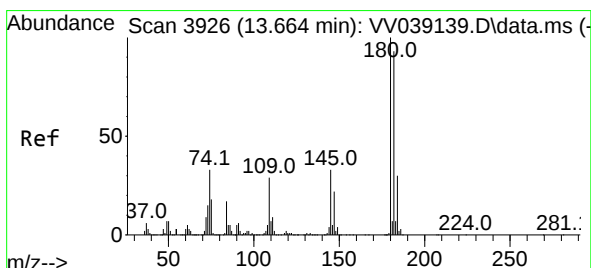
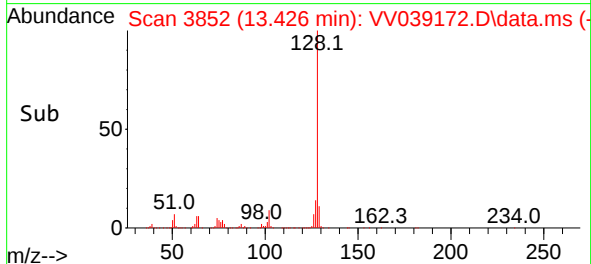
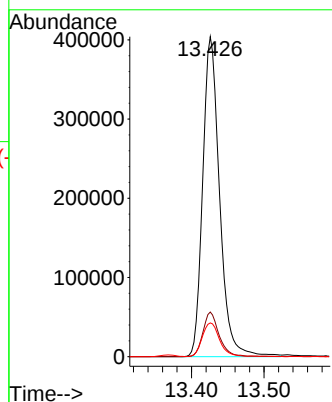
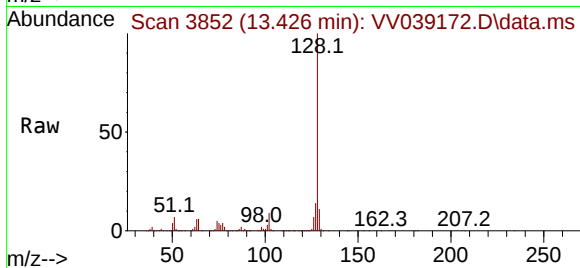
Tgt Ion:128 Resp: 653114

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.290 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039172.D

Acq: 25 Sep 2025 11:48

Tgt Ion:180 Resp: 205181

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.8

145 35.7 17.0 51.0

