

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039225.D
 Acq On : 29 Sep 2025 12:45
 Operator : SY/MD
 Sample : VV0929WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 01:23:51 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	498393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	782969	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	752988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	463715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	313756	43.497	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	87.000%
35) Dibromofluoromethane	4.503	113	304927	48.444	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.880%
50) Toluene-d8	7.236	98	859357	46.485	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.960%
62) 4-Bromofluorobenzene	10.001	95	397013	52.166	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	142911	18.114	ug/l	98
3) Chloromethane	1.227	50	152170	17.967	ug/l	98
4) Vinyl Chloride	1.294	62	169371	18.679	ug/l	98
5) Bromomethane	1.497	94	112473	19.677	ug/l	99
6) Chloroethane	1.561	64	112812	19.852	ug/l	100
7) Trichlorofluoromethane	1.725	101	258580	19.697	ug/l	100
8) Diethyl Ether	1.918	74	100833	20.690	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	156985	20.098	ug/l	98
10) Methyl Iodide	2.198	142	152768	20.538	ug/l	98
11) Tert butyl alcohol	2.574	59	197600	129.613	ug/l	99
12) 1,1-Dichloroethene	2.082	96	149183	19.853	ug/l	91
13) Acrolein	2.011	56	30432	115.038	ug/l	99
14) Allyl chloride	2.359	41	260076	19.376	ug/l	95
15) Acrylonitrile	2.677	53	529256	108.295	ug/l	99
16) Acetone	2.121	43	434654	90.891	ug/l	98
17) Carbon Disulfide	2.252	76	401799	17.484	ug/l	100
18) Methyl Acetate	2.381	43	268256	25.100	ug/l	99
19) Methyl tert-butyl Ether	2.715	73	502775	20.997	ug/l	99
20) Methylene Chloride	2.455	84	177593	21.285	ug/l	94
21) trans-1,2-Dichloroethene	2.703	96	156960	19.621	ug/l	97
22) Diisopropyl ether	3.217	45	498634	19.416	ug/l	84
23) Vinyl Acetate	3.191	43	2169869	96.584	ug/l	99
24) 1,1-Dichloroethane	3.117	63	303622	19.332	ug/l	99
25) 2-Butanone	3.873	43	606604	105.019	ug/l	96
26) 2,2-Dichloropropane	3.812	77	225099	16.165	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	175715	19.916	ug/l	95
28) Bromochloromethane	4.150	49	141235	20.370	ug/l	90
29) Tetrahydrofuran	4.243	42	395779	109.470	ug/l	95
30) Chloroform	4.278	83	315709	19.251	ug/l	98
31) Cyclohexane	4.584	56	218468	16.981	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	274861	19.359	ug/l	98
36) 1,1-Dichloropropene	4.744	75	186014	19.546	ug/l	99
37) Ethyl Acetate	3.986	43	241045	20.874	ug/l	97
38) Carbon Tetrachloride	4.735	117	233397	20.067	ug/l	98
39) Methylcyclohexane	6.047	83	195960	17.051	ug/l	97
40) Benzene	5.011	78	623556	20.122	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	100179	20.365	ug/l	94
42) 1,2-Dichloroethane	5.047	62	221456	20.395	ug/l	99
43) Isopropyl Acetate	5.198	43	335203	21.290	ug/l	99
44) Trichloroethene	5.834	130	155061	21.684	ug/l	96
45) 1,2-Dichloropropane	6.092	63	160593	20.849	ug/l	95
46) Dibromomethane	6.230	93	126585	21.472	ug/l	95
47) Bromodichloromethane	6.429	83	250038	20.515	ug/l	99
48) Methyl methacrylate	6.301	41	147877	20.719	ug/l	97
49) 1,4-Dioxane	6.297	88	53009	460.230	ug/l	93
51) 4-Methyl-2-Pentanone	7.149	43	1244861	120.180	ug/l	100
52) Toluene	7.310	92	390533	21.735	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	227239	21.394	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	253213	21.595	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	173780	21.570	ug/l	95
56) Ethyl methacrylate	7.718	69	210504	22.002	ug/l	95
57) 1,3-Dichloropropane	7.937	76	268213	21.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	458850	91.289	ug/l	97
59) 2-Hexanone	8.066	43	906522	109.738	ug/l	99
60) Dibromochloromethane	8.169	129	198410	21.613	ug/l	98
61) 1,2-Dibromoethane	8.275	107	184040	22.337	ug/l	98
64) Tetrachloroethene	7.899	164	134014	21.249	ug/l	99
65) Chlorobenzene	8.805	112	443181	21.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	164309	21.681	ug/l	99
67) Ethyl Benzene	8.937	91	662192	20.857	ug/l	100
68) m/p-Xylenes	9.063	106	545930	44.552	ug/l	99
69) o-Xylene	9.468	106	239988	22.119	ug/l	99
70) Styrene	9.487	104	452013	20.534	ug/l	100
71) Bromoform	9.654	173	145614	24.598	ug/l #	100
73) Isopropylbenzene	9.857	105	669233	19.898	ug/l	100
74) N-amyl acetate	9.728	43	273814	20.410	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	291140	19.756	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	220278	20.863	ug/l	97
77) Bromobenzene	10.143	156	182864	20.956	ug/l	96
78) n-propylbenzene	10.278	91	794691	19.403	ug/l	98
79) 2-Chlorotoluene	10.349	91	510289	20.822	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	567991	20.318	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	87689	19.939	ug/l	98
82) 4-Chlorotoluene	10.464	91	603390	21.232	ug/l	99
83) tert-Butylbenzene	10.789	119	528470	18.958	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	564532	20.800	ug/l	99
85) sec-Butylbenzene	11.014	105	682445	18.457	ug/l	99
86) p-Isopropyltoluene	11.169	119	584428	18.991	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	357590	20.248	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	385021	19.872	ug/l	99
89) n-Butylbenzene	11.580	91	533471	18.151	ug/l	99
90) Hexachloroethane	11.821	117	134203	17.709	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	336911	20.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	64247	24.551	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	193354	20.443	ug/l	100
94) Hexachlorobutadiene	13.368	225	83447	16.980	ug/l	100
95) Naphthalene	13.426	128	634424	20.753	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	200154	20.691	ug/l	99

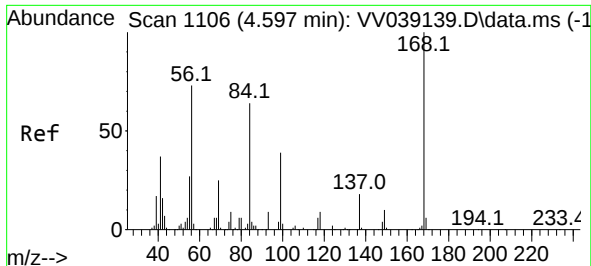
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Response via : Initial Calibration

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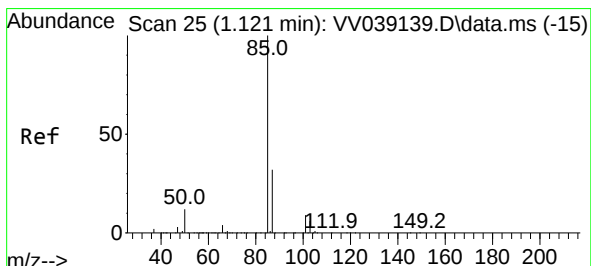
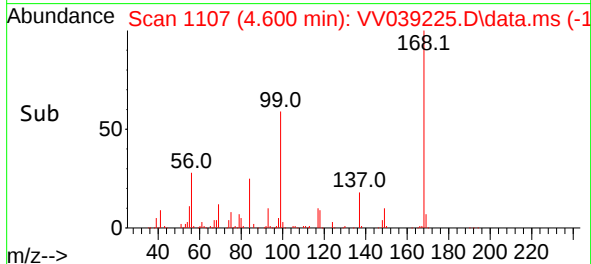
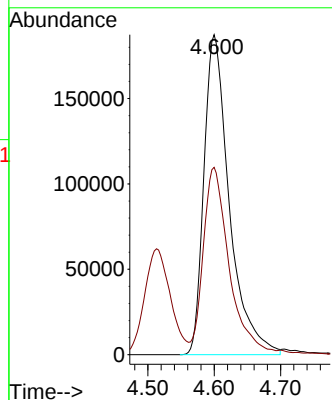
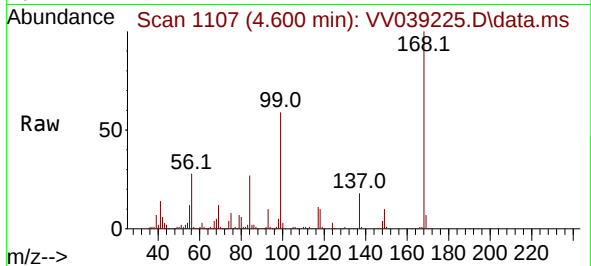
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039225.D
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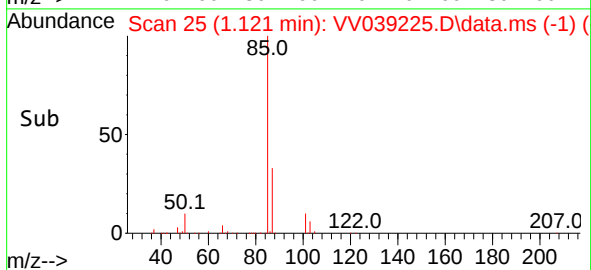
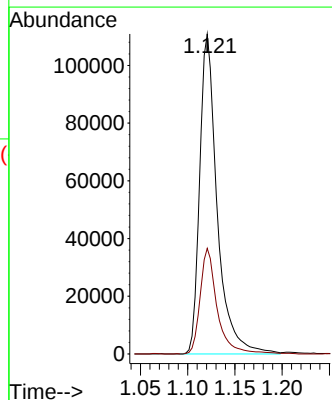
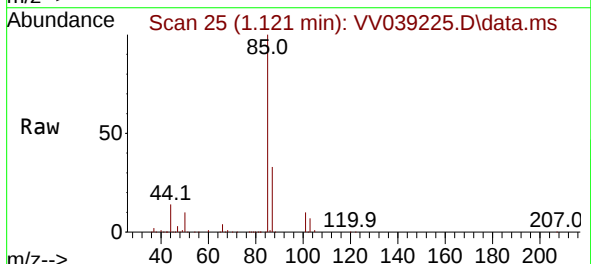
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:168 Resp: 498393
Ion Ratio Lower Upper
168 100
99 57.1 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 18.114 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 85 Resp: 142911
Ion Ratio Lower Upper
85 100
87 33.0 16.0 47.9

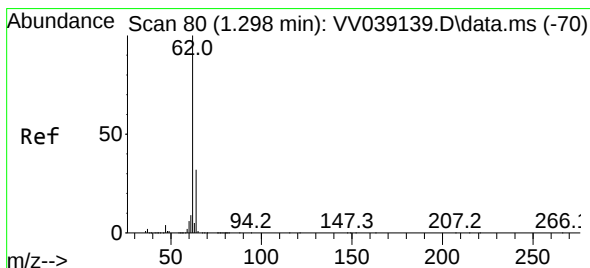
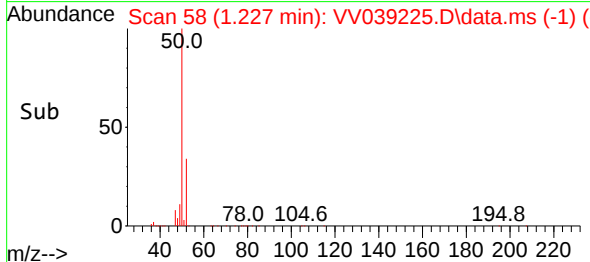
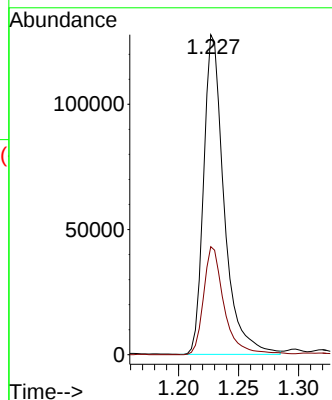
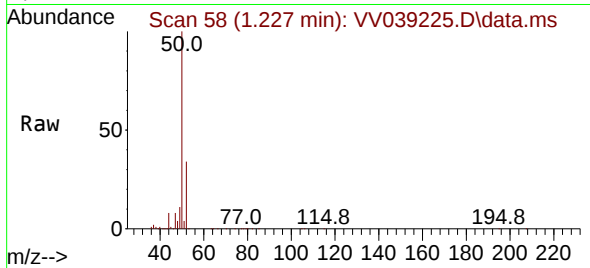




#3
Chloromethane
Concen: 17.967 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

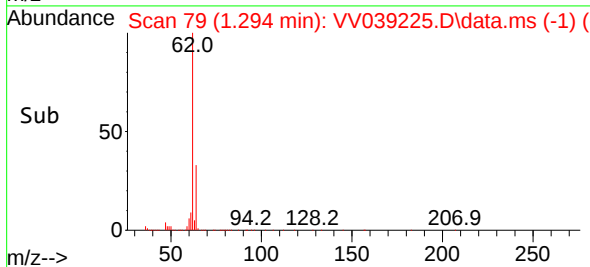
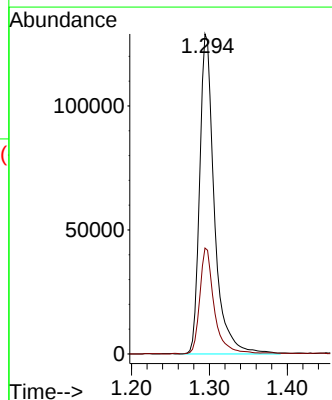
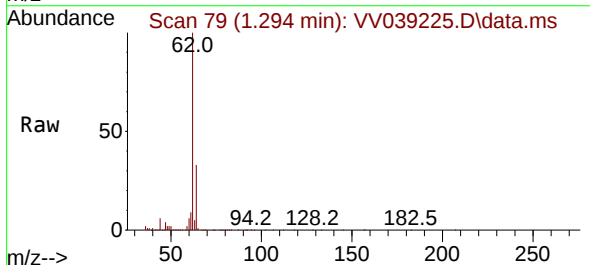
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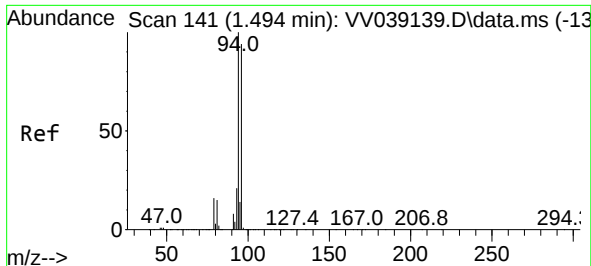
Tgt Ion: 50 Resp: 152170
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 18.679 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 62 Resp: 169371
Ion Ratio Lower Upper
62 100
64 33.0 25.6 38.4

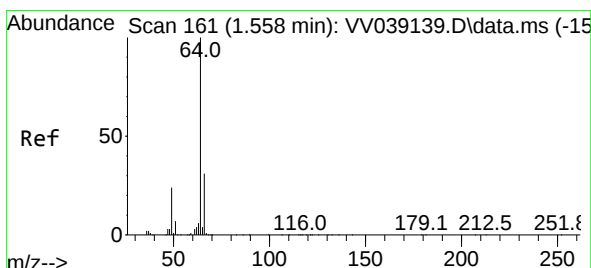
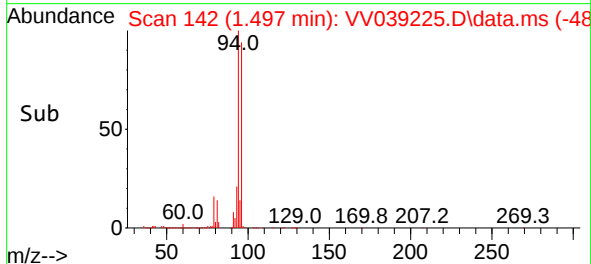
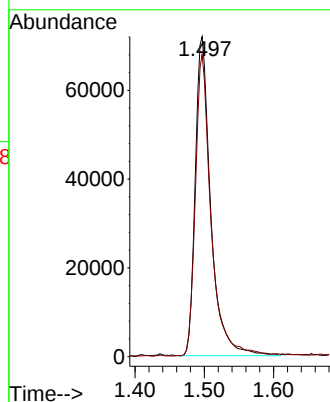
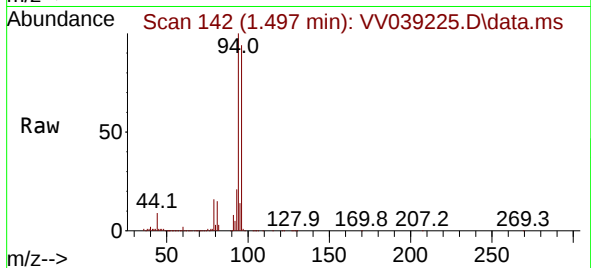




#5
Bromomethane
Concen: 19.677 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

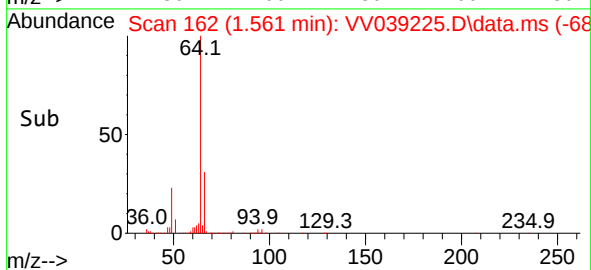
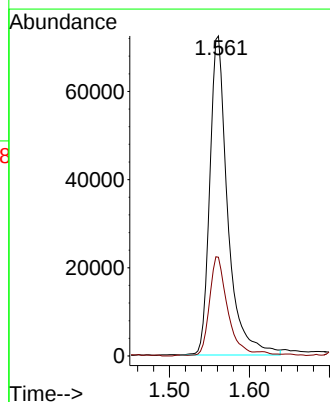
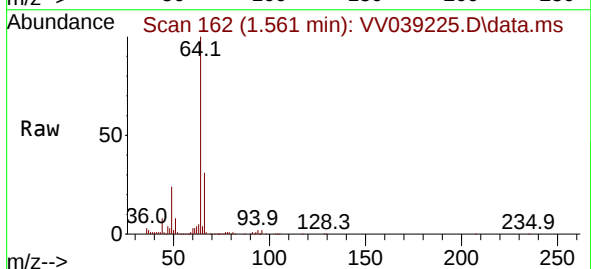
Instrument :
MSVOA_V
ClientSampleId :

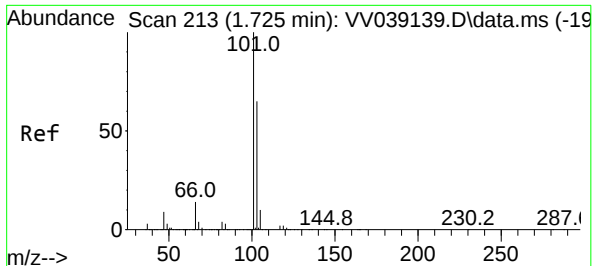
Tgt Ion: 94 Resp: 112473
Ion Ratio Lower Upper
94 100
96 94.5 74.9 112.3



#6
Chloroethane
Concen: 19.852 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

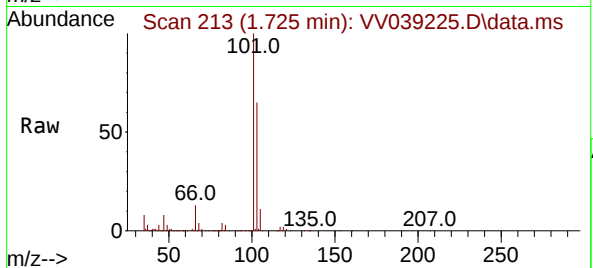
Tgt Ion: 64 Resp: 112812
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8



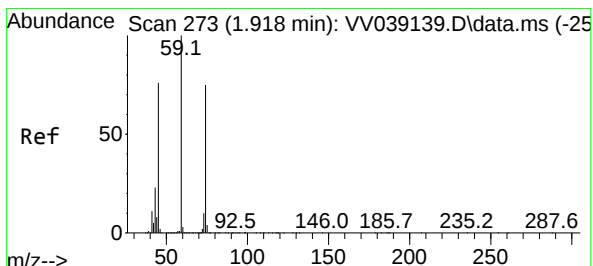
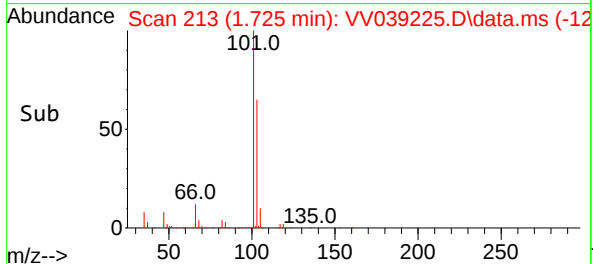
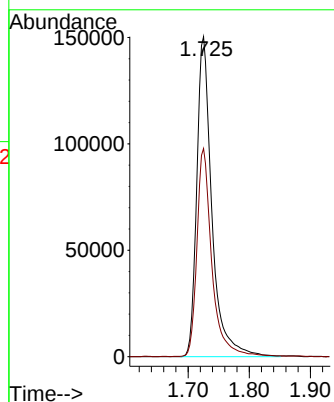


#7
 Trichlorofluoromethane
 Concen: 19.697 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039225.D
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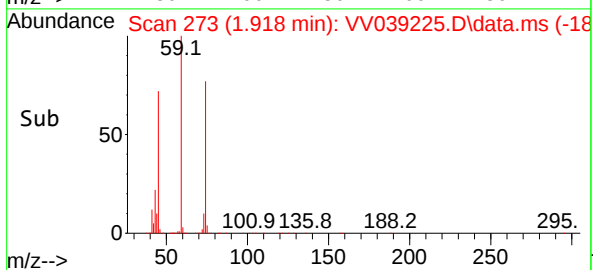
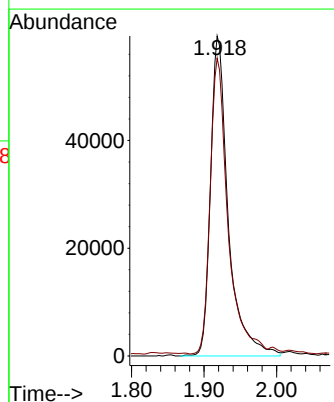
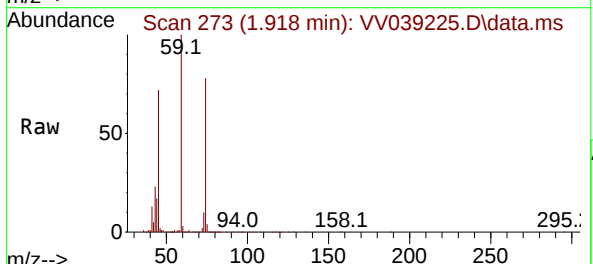


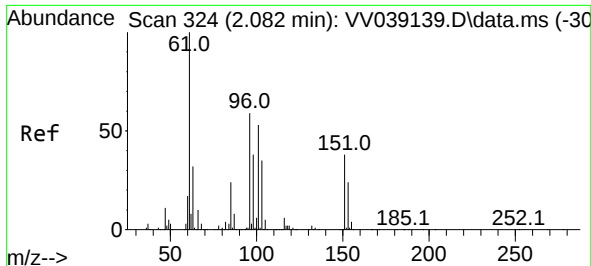
Tgt Ion:101 Resp: 258580
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0



#8
 Diethyl Ether
 Concen: 20.690 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

Tgt Ion: 74 Resp: 100833
 Ion Ratio Lower Upper
 74 100
 45 92.6 49.6 148.8

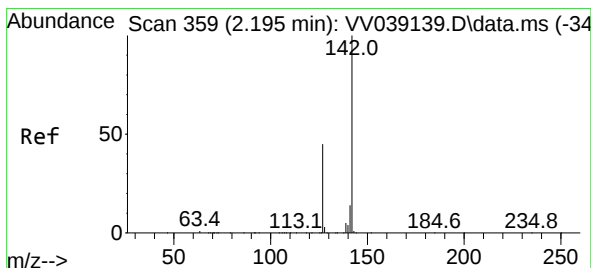
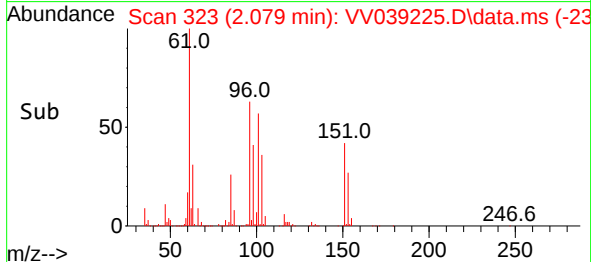
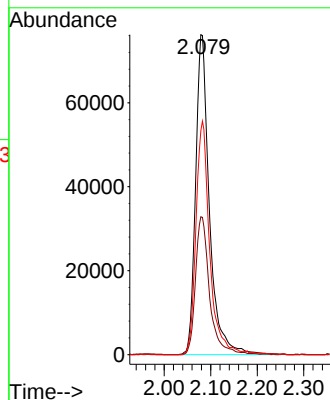
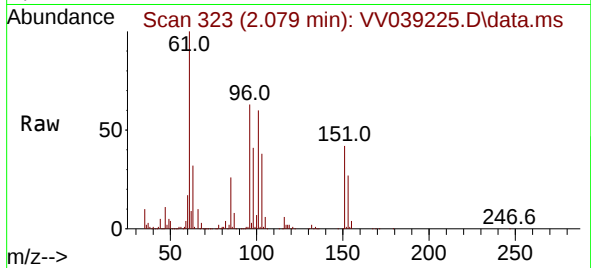




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.098 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039225.D
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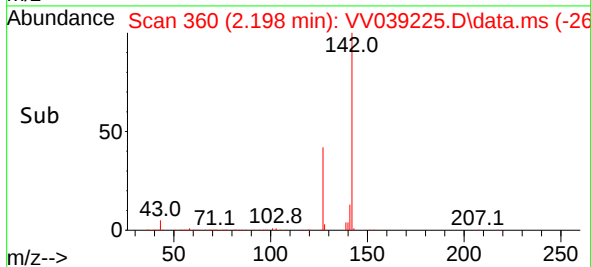
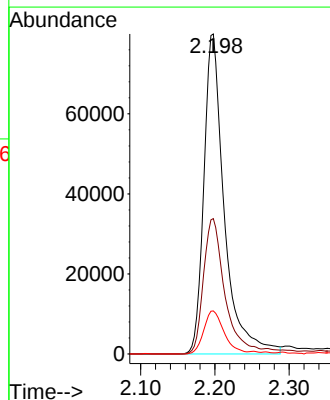
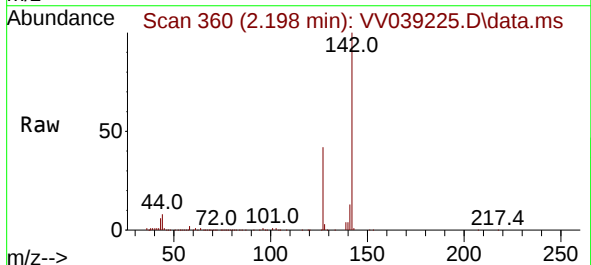
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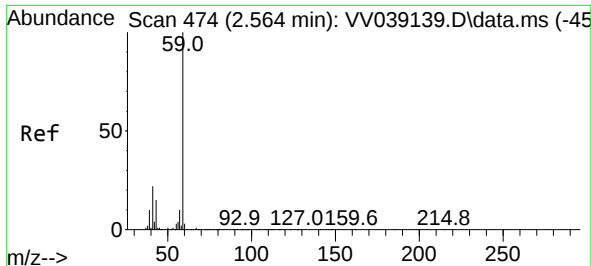
Tgt Ion:101 Resp: 156985
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 72.3 56.3 84.5



#10
Methyl Iodide
Concen: 20.538 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion:142 Resp: 152768
Ion Ratio Lower Upper
142 100
127 44.0 36.3 54.5
141 13.4 11.2 16.8

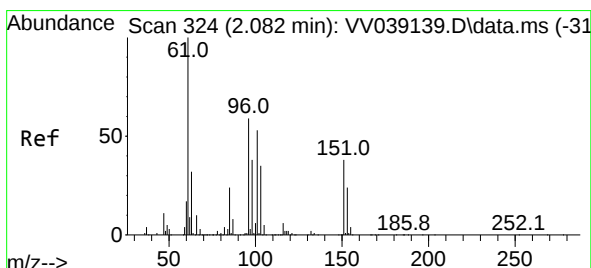
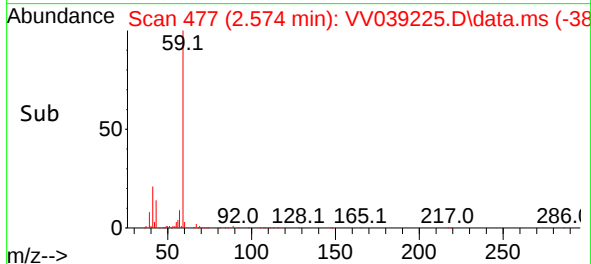
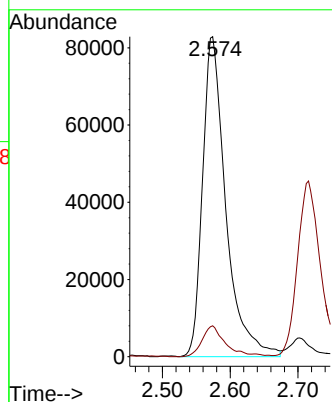
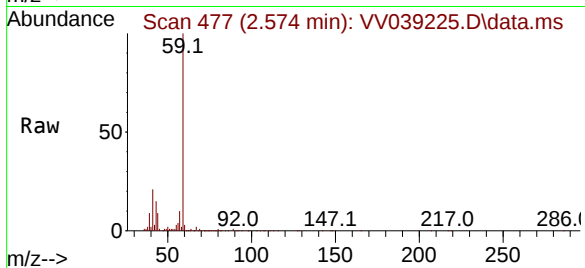




#11
Tert butyl alcohol
Concen: 129.613 ug/l
RT: 2.574 min Scan# 474
Delta R.T. 0.010 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

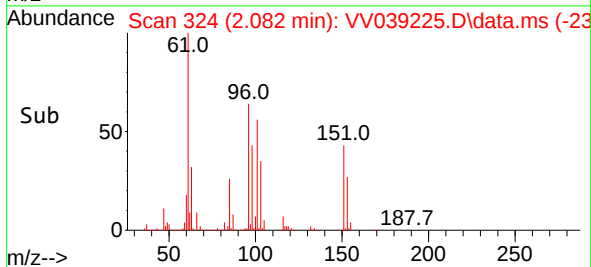
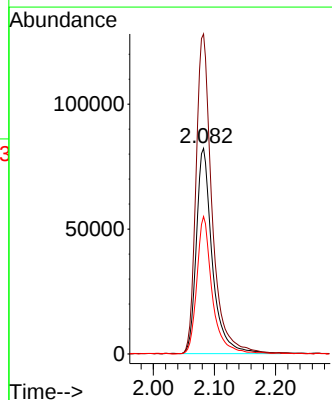
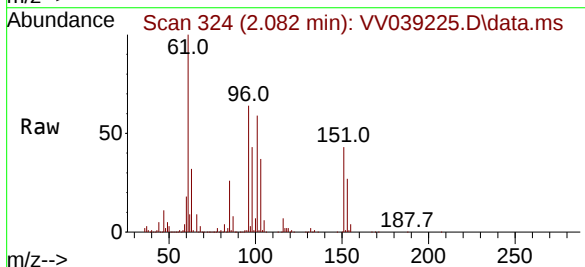
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 59 Resp: 197600
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.853 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 96 Resp: 149183
Ion Ratio Lower Upper
96 100
61 155.7 136.0 204.0
98 66.7 51.0 76.6

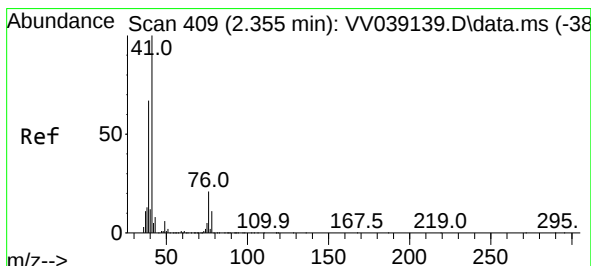
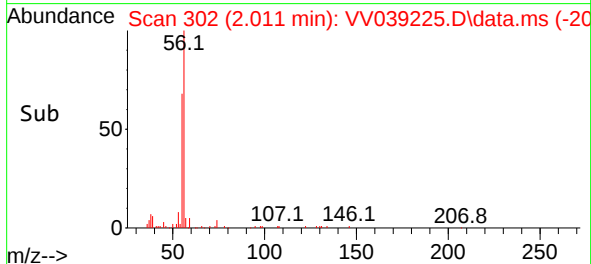
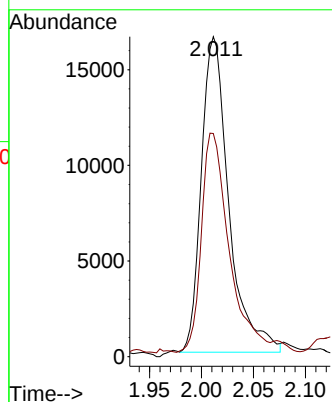
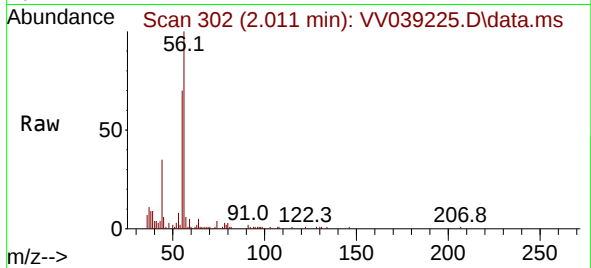




#13
Acrolein
Concen: 115.038 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

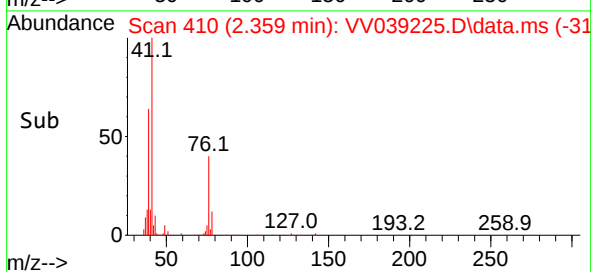
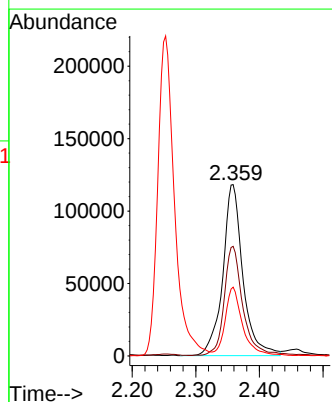
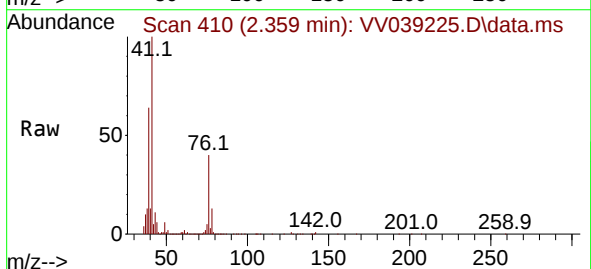
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 30432
Ion Ratio Lower Upper
56 100
55 69.7 56.2 84.4



#14
Allyl chloride
Concen: 19.376 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

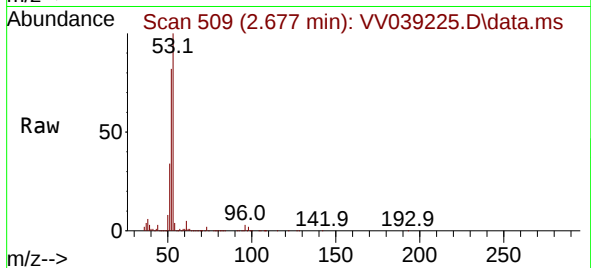
Tgt Ion: 41 Resp: 260076
Ion Ratio Lower Upper
41 100
39 59.1 51.0 76.6
76 34.1 28.2 42.4



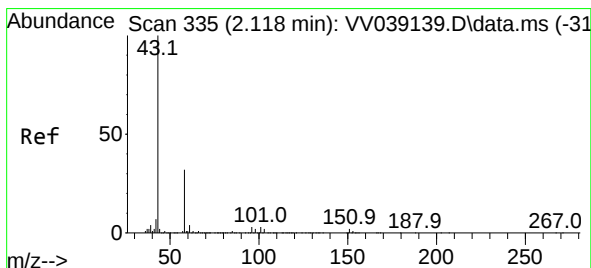
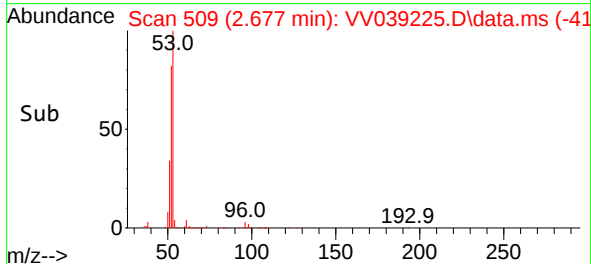
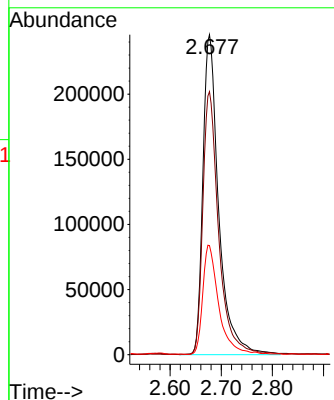


#15
Acrylonitrile
Concen: 108.295 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Instrument :
MSVOA_V
ClientSampleId :

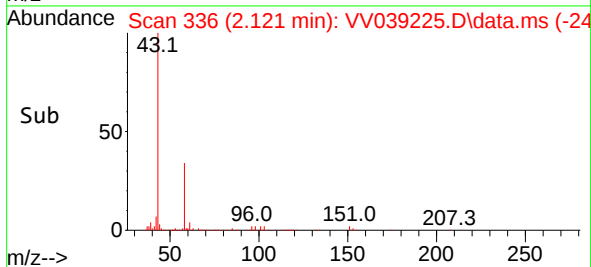
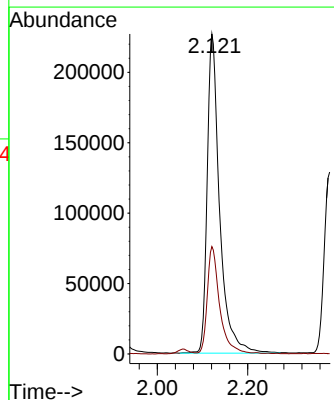
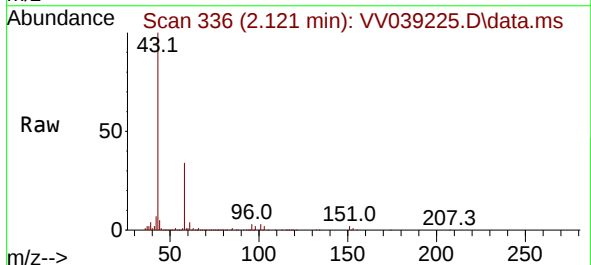


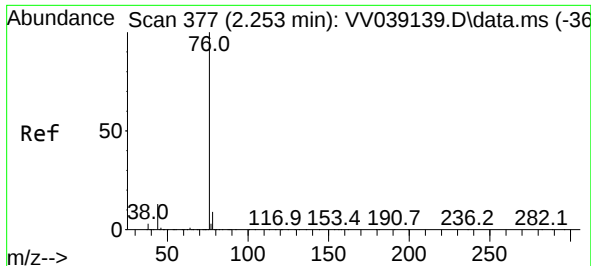
Tgt Ion: 53 Resp: 529256
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 34.0 28.5 42.7



#16
Acetone
Concen: 90.891 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 43 Resp: 434654
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.6

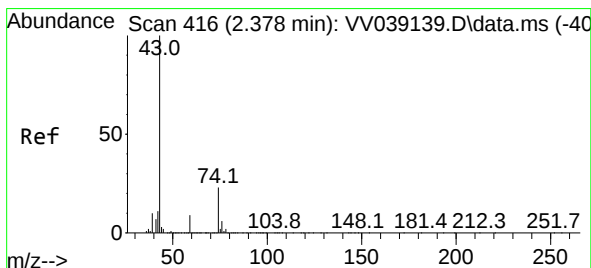
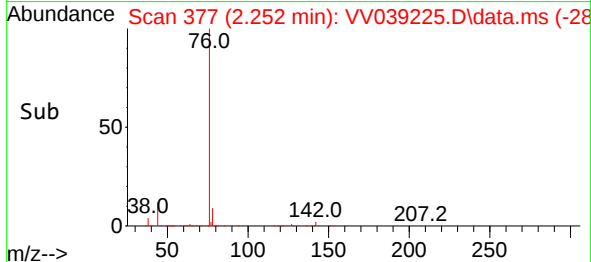
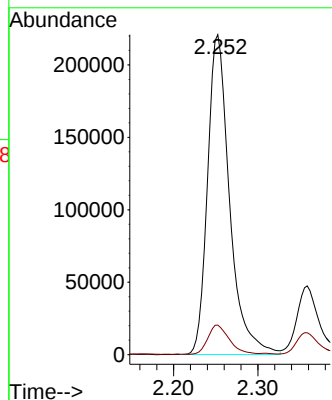
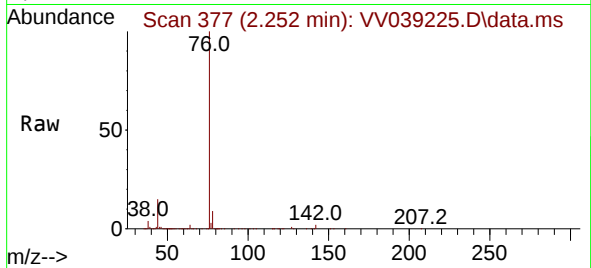




#17
Carbon Disulfide
Concen: 17.484 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

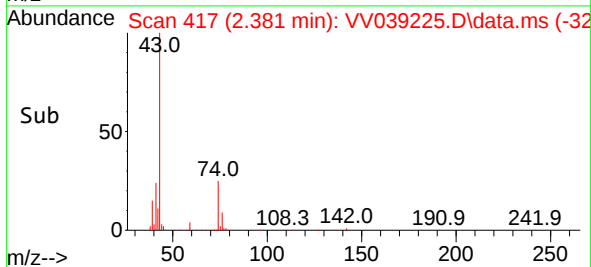
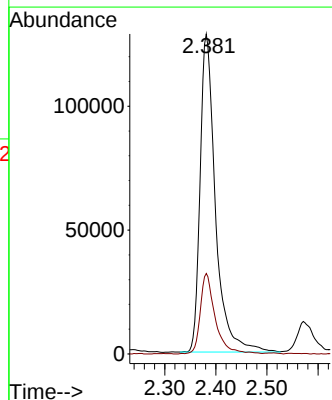
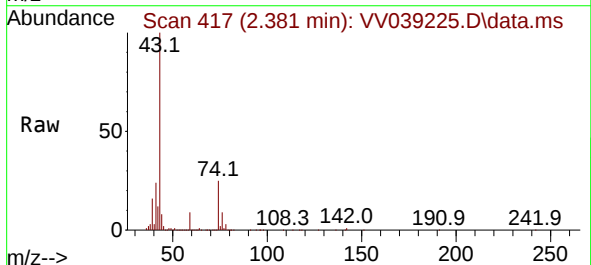
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 401799
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 25.100 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 43 Resp: 268256
Ion Ratio Lower Upper
43 100
74 23.8 18.6 27.8

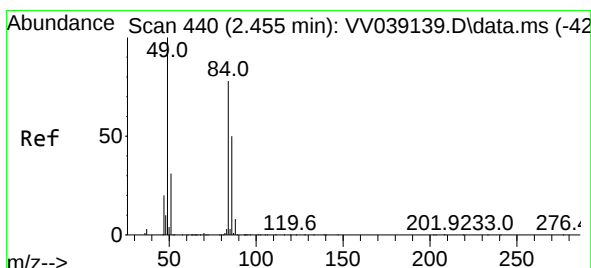
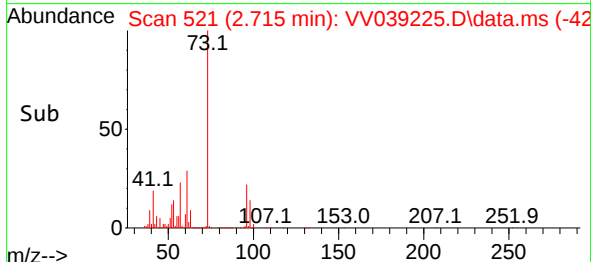
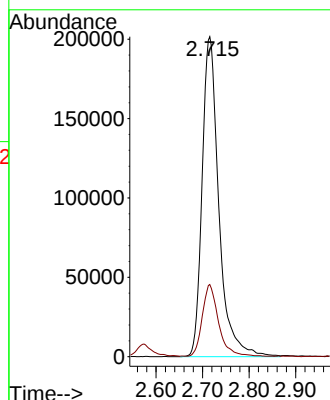
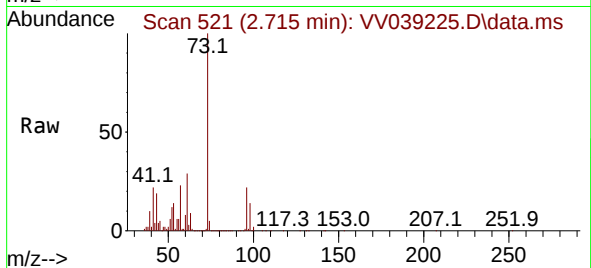




#19
Methyl tert-butyl Ether
Concen: 20.997 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

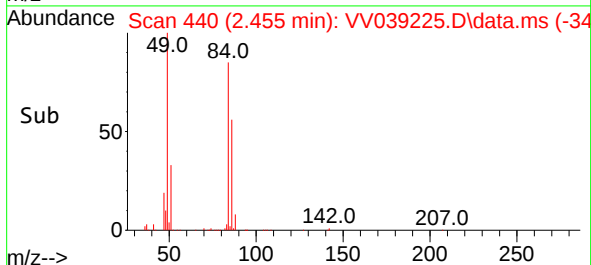
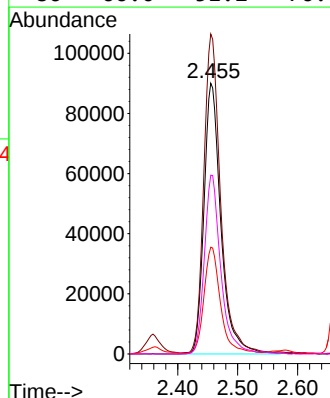
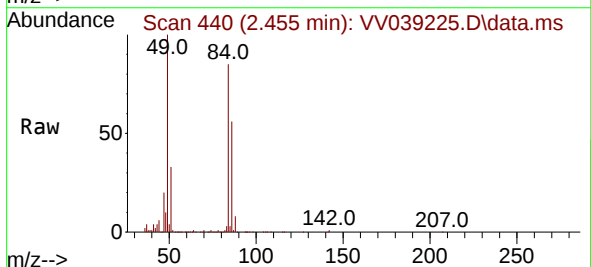
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 502775
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 21.285 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 84 Resp: 177593
Ion Ratio Lower Upper
84 100
49 117.8 102.8 154.2
51 39.1 31.9 47.9
86 66.0 51.2 76.8

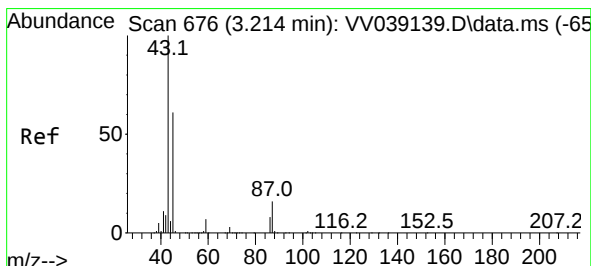
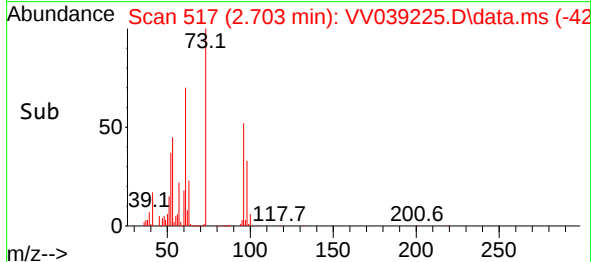
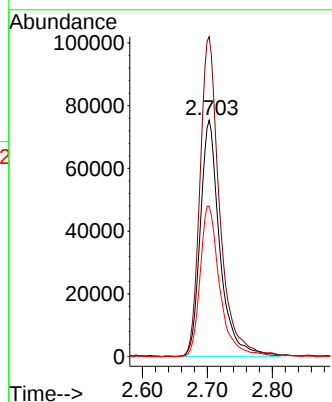
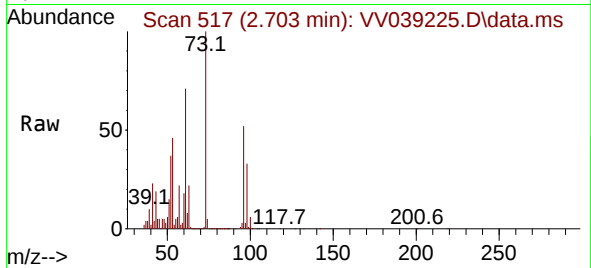




#21
trans-1,2-Dichloroethene
Concen: 19.621 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

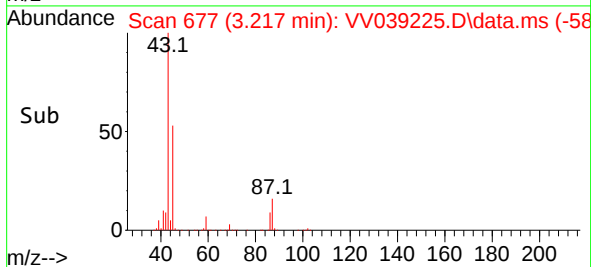
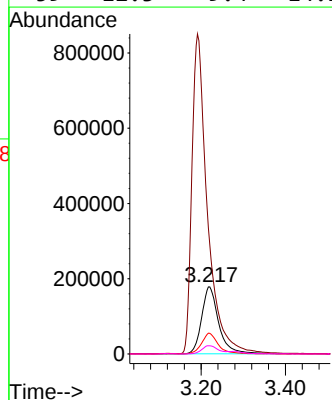
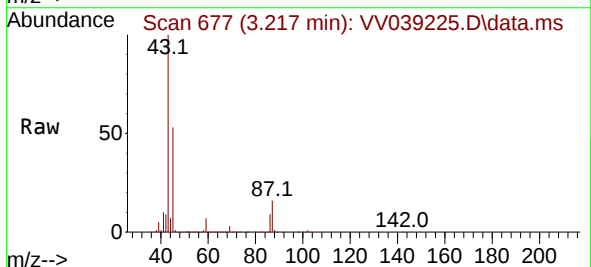
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 156960
Ion Ratio Lower Upper
96 100
61 135.5 112.8 169.2
98 63.6 51.1 76.7



#22
Diisopropyl ether
Concen: 19.416 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 45 Resp: 498634
Ion Ratio Lower Upper
45 100
43 188.5 130.9 196.3
87 30.9 21.1 31.7
59 12.3 9.4 14.2

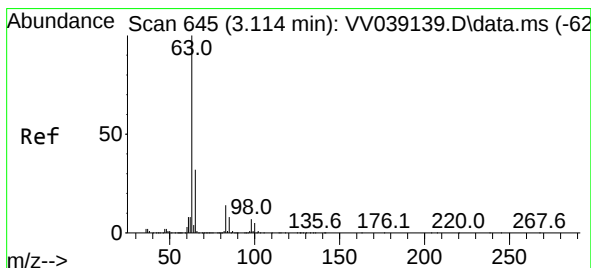
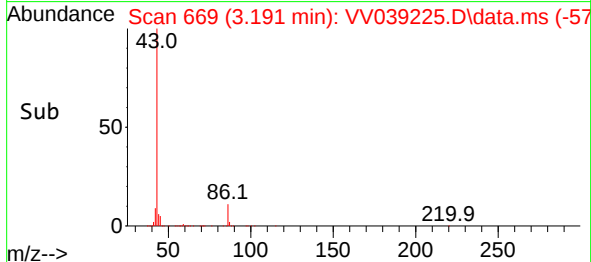
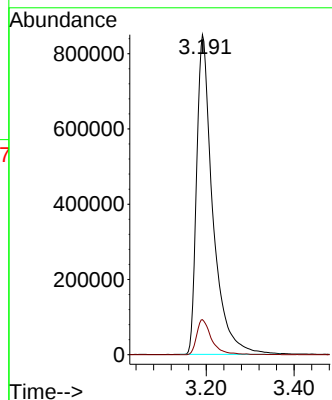
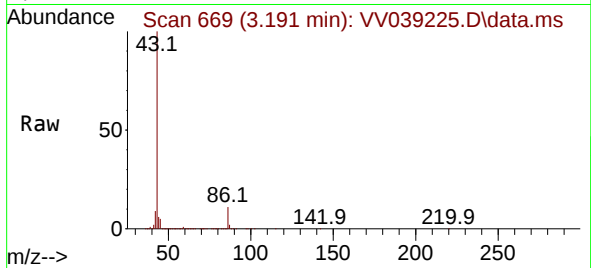




#23
 Vinyl Acetate
 Concen: 96.584 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

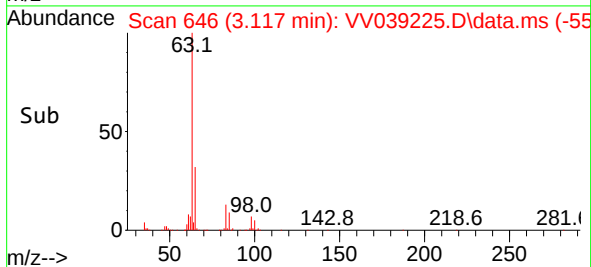
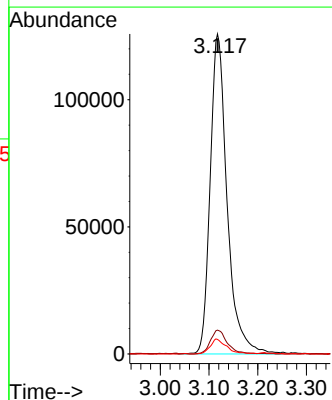
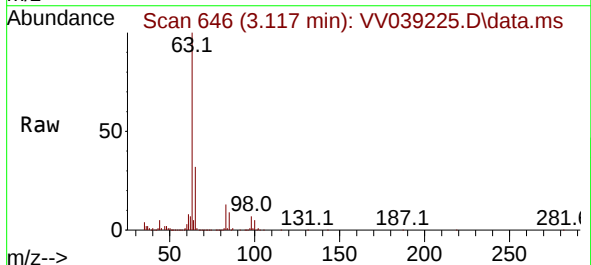
Instrument :
 MSVOA_V
 ClientSampleId :

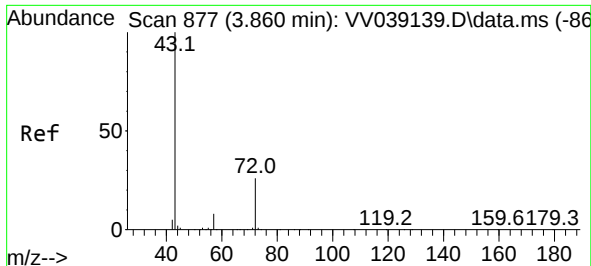
Tgt Ion: 43 Resp: 2169869
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.332 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

Tgt Ion: 63 Resp: 303622
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.6 2.2 6.6

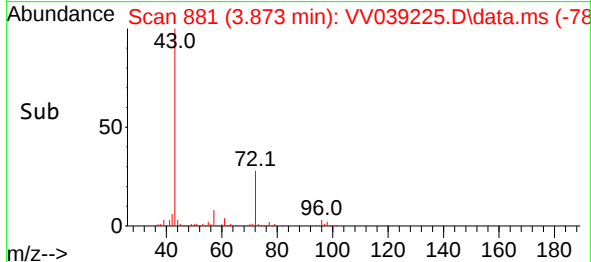
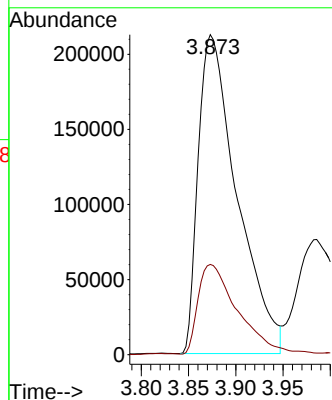
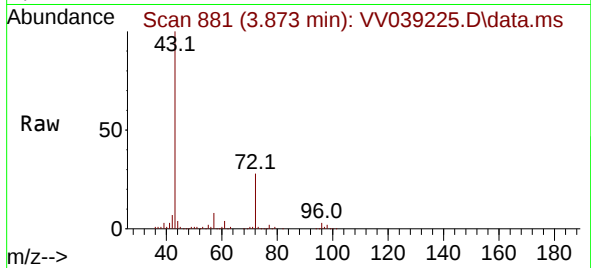




#25
2-Butanone
Concen: 105.019 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.013 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

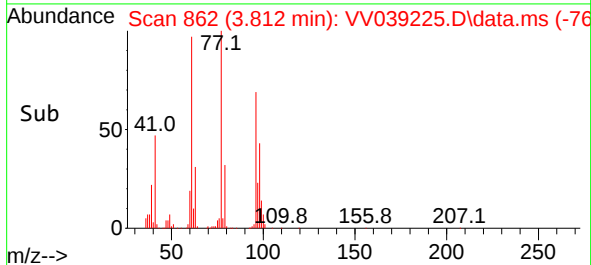
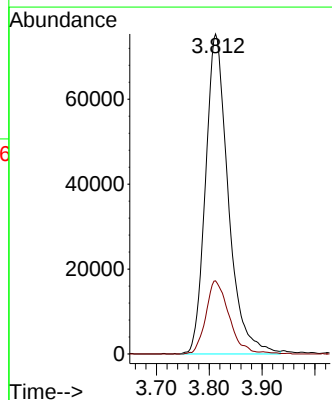
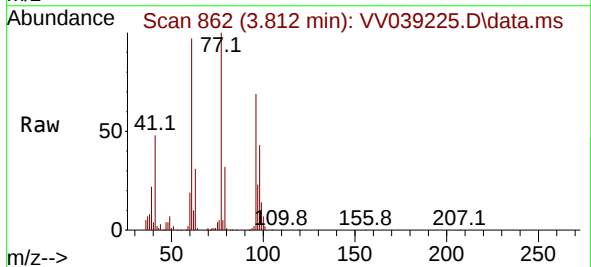
Instrument :
MSVOA_V
ClientSampleId :

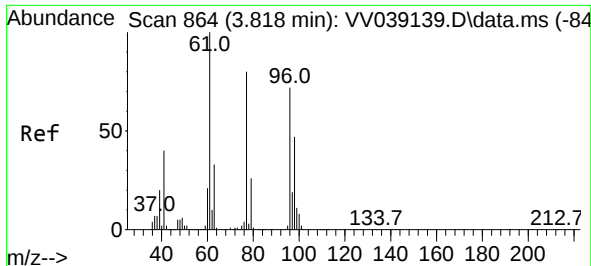
Tgt Ion: 43 Resp: 606604
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.165 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

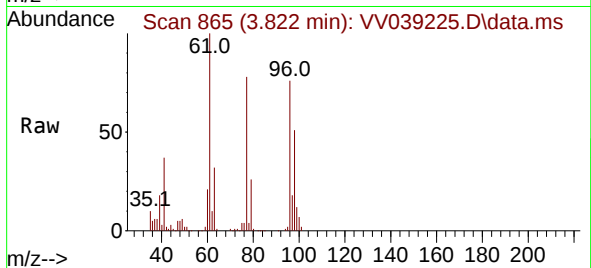
Tgt Ion: 77 Resp: 225099
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7



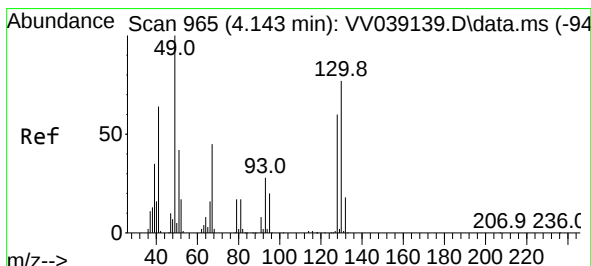
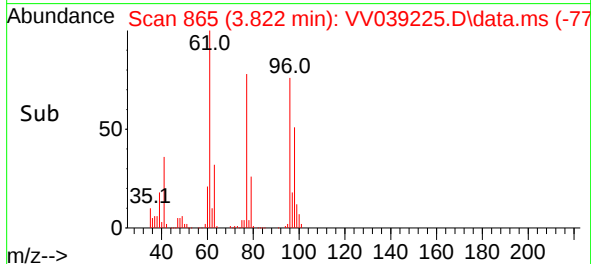
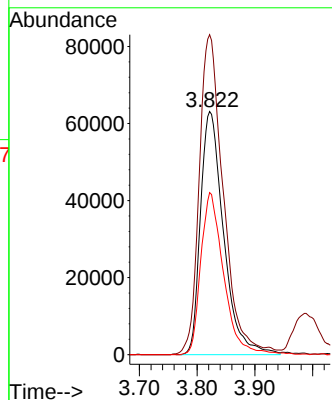


#27
 cis-1,2-Dichloroethene
 Concen: 19.916 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

Instrument :
 MSVOA_V
 ClientSampleId :

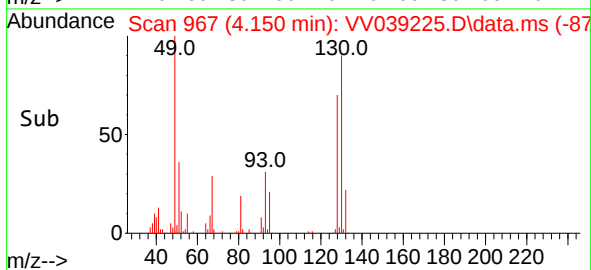
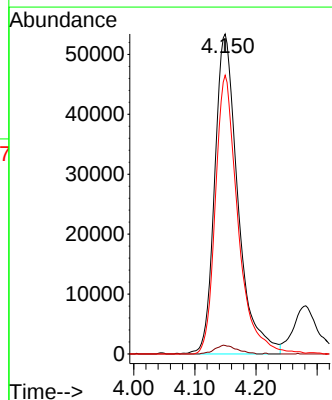
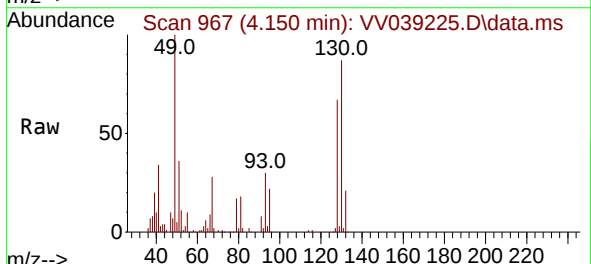


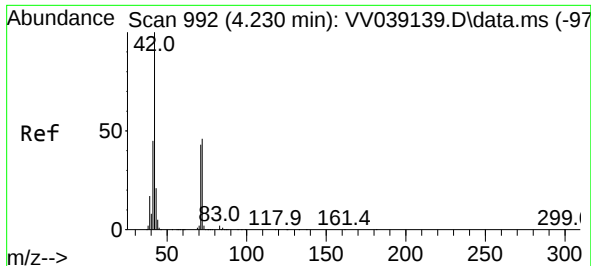
Tgt Ion: 96 Resp: 175715
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 286.4
 98 65.5 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.370 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

Tgt Ion: 49 Resp: 141235
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 84.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 109.470 ug/l

RT: 4.243 min Scan# 992

Delta R.T. 0.013 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

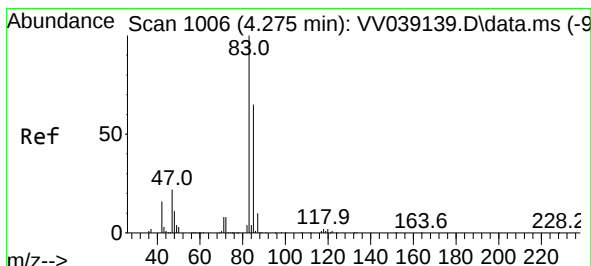
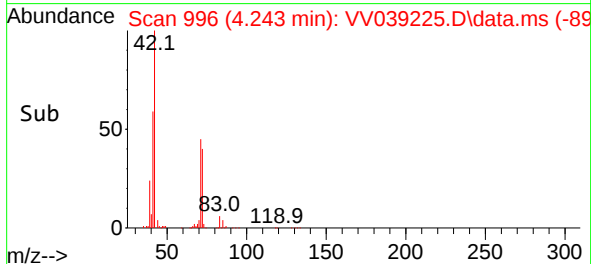
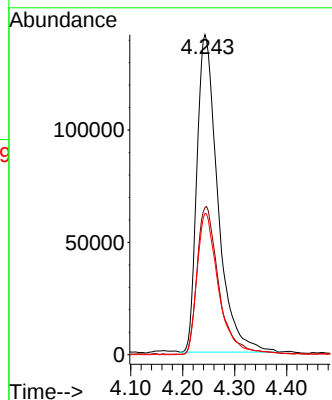
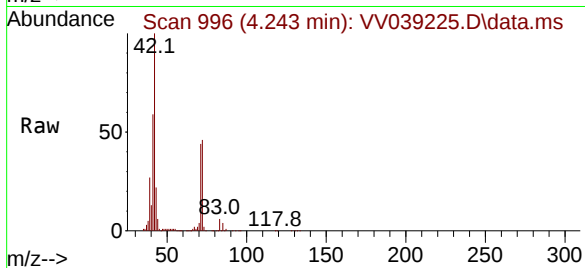
Tgt Ion: 42 Resp: 395779

Ion Ratio Lower Upper

42 100

72 48.3 36.3 54.5

71 46.2 34.3 51.5



#30

Chloroform

Concen: 19.251 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039225.D

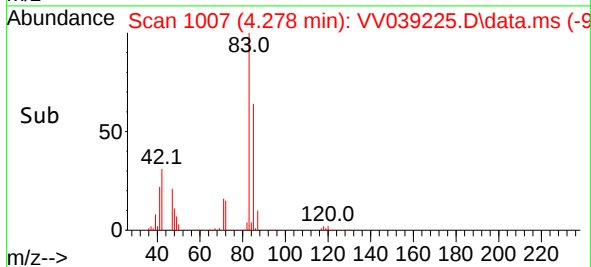
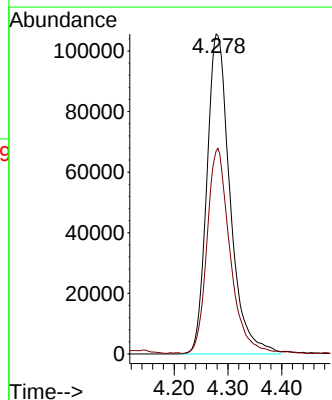
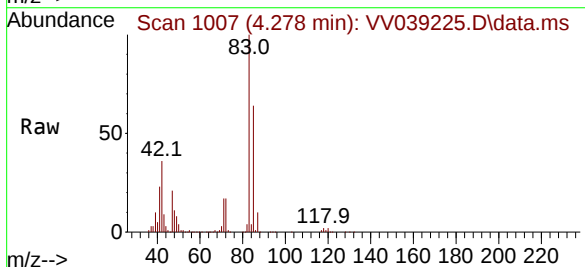
Acq: 29 Sep 2025 12:45

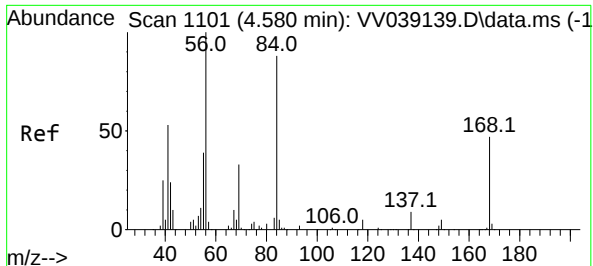
Tgt Ion: 83 Resp: 315709

Ion Ratio Lower Upper

83 100

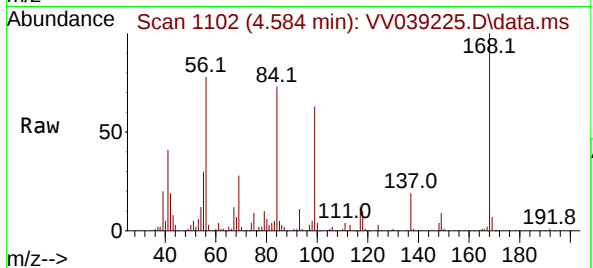
85 63.2 52.1 78.1



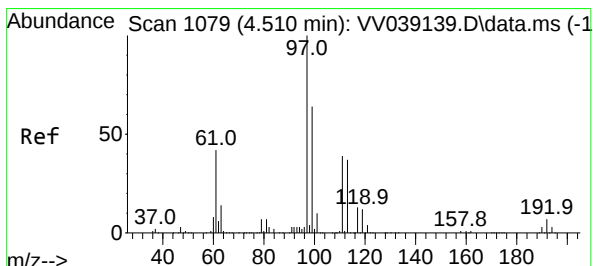
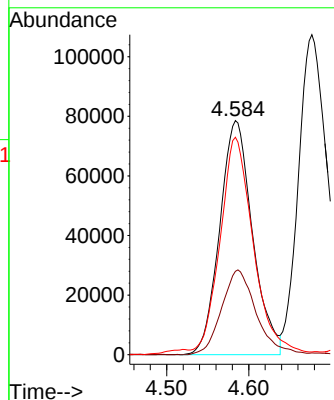
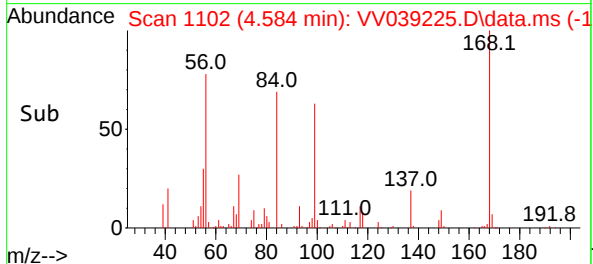


#31
Cyclohexane
Concen: 16.981 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Instrument :
MSVOA_V
ClientSampleId :

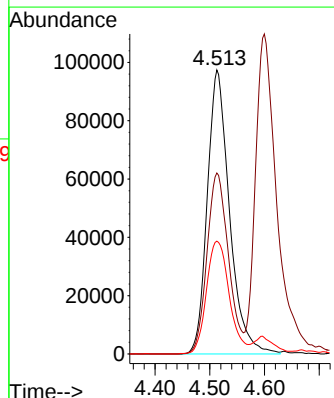
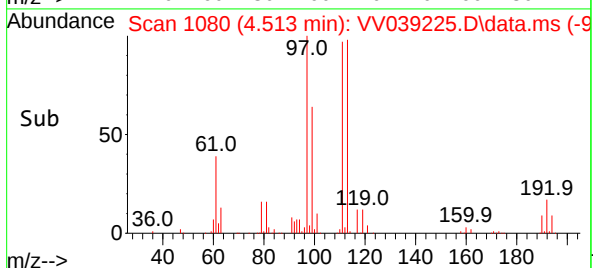
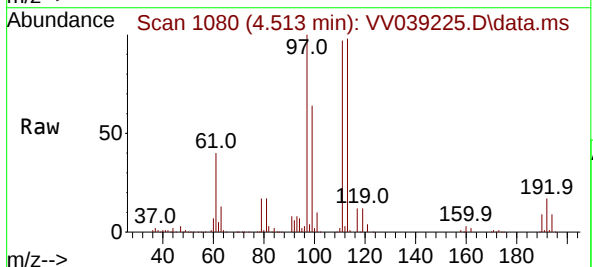


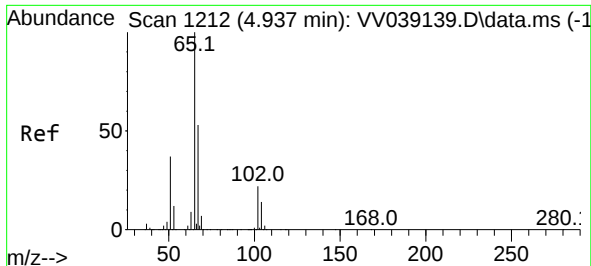
Tgt Ion: 56 Resp: 218468
Ion Ratio Lower Upper
56 100
69 35.7 26.2 39.2
84 91.1 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 19.359 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 97 Resp: 274861
Ion Ratio Lower Upper
97 100
99 61.4 49.6 74.4
61 40.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.497 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

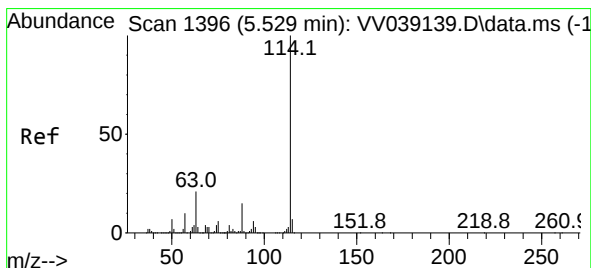
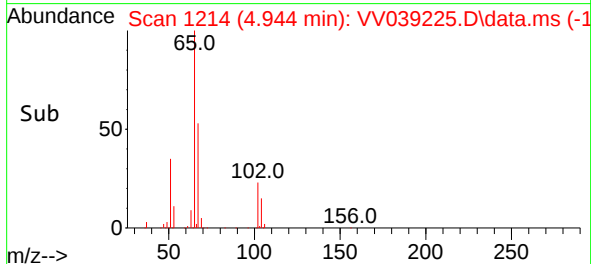
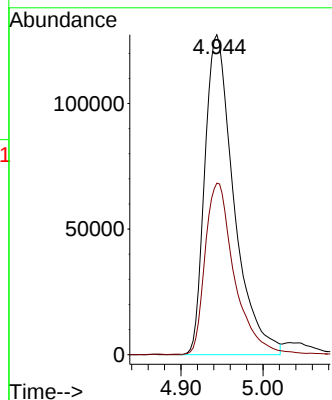
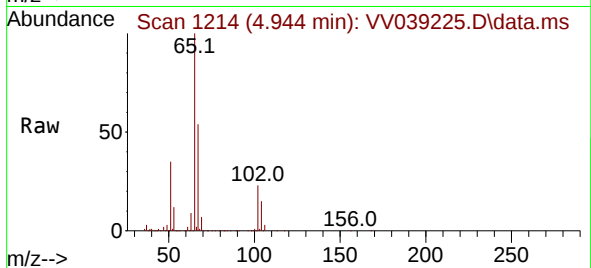
ClientSampleId :

Tgt Ion: 65 Resp: 313756

Ion Ratio Lower Upper

65 100

67 54.1 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: VV039225.D

Acq: 29 Sep 2025 12:45

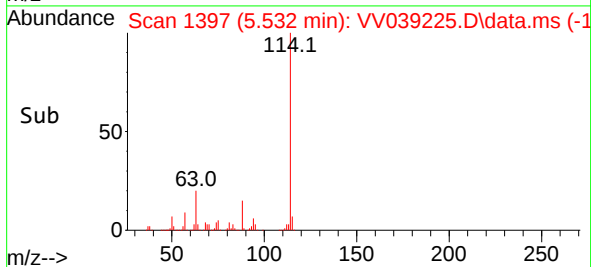
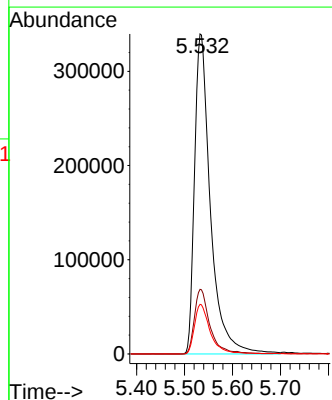
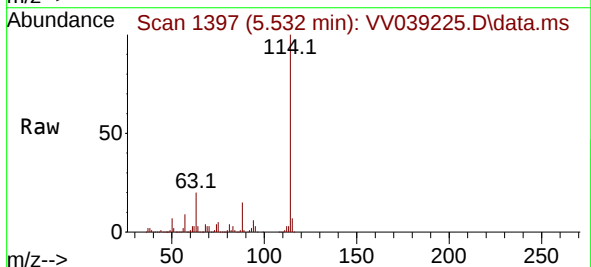
Tgt Ion: 114 Resp: 782969

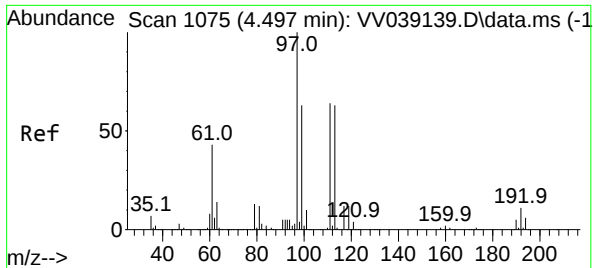
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.5 0.0 30.8

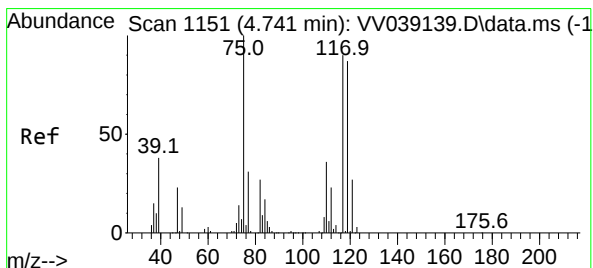
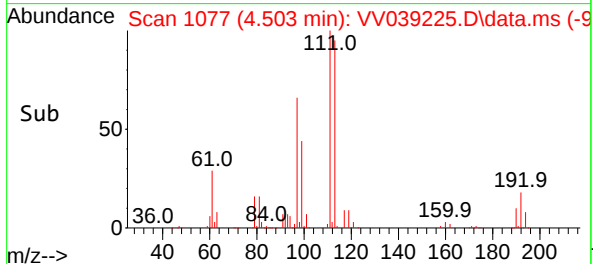
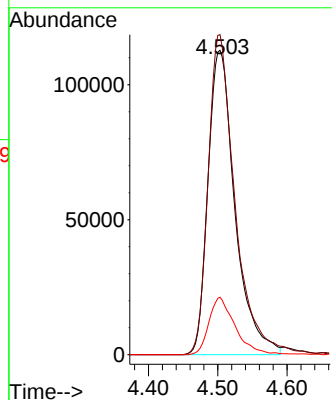
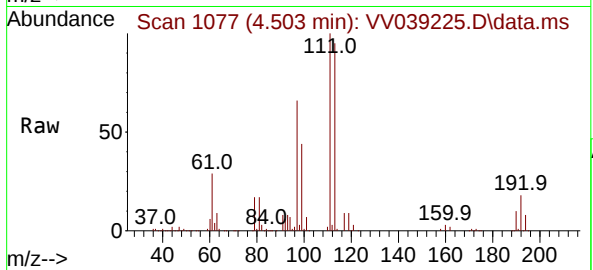




#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

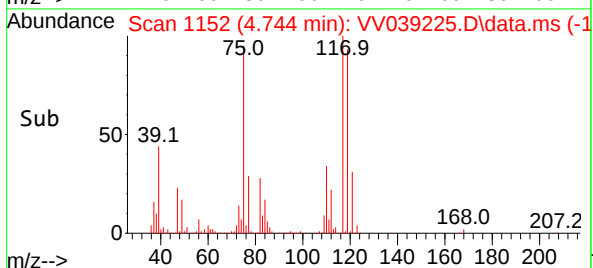
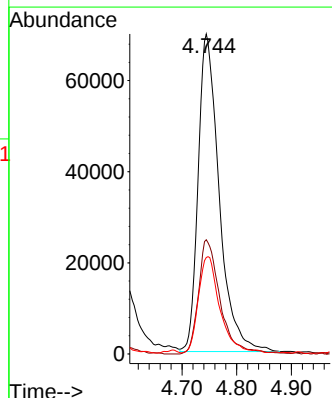
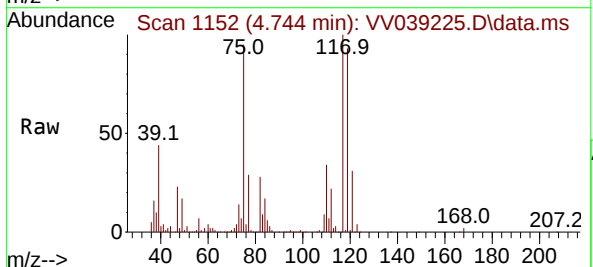
Instrument :
MSVOA_V
ClientSampleId :

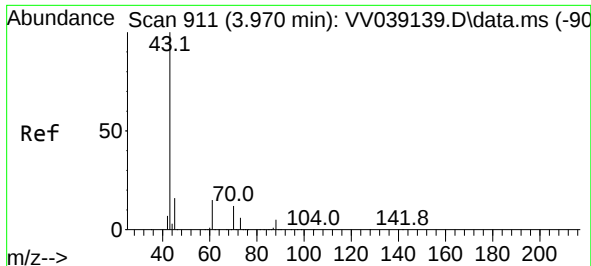
Tgt Ion:113 Resp: 304927
Ion Ratio Lower Upper
113 100
111 105.0 82.4 123.6
192 18.1 13.8 20.8



#36
1,1-Dichloropropene
Concen: 19.546 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 75 Resp: 186014
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.1
77 30.4 24.8 37.2

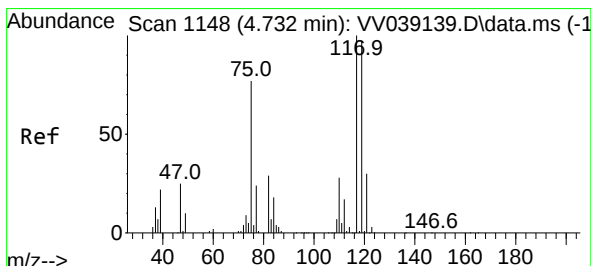
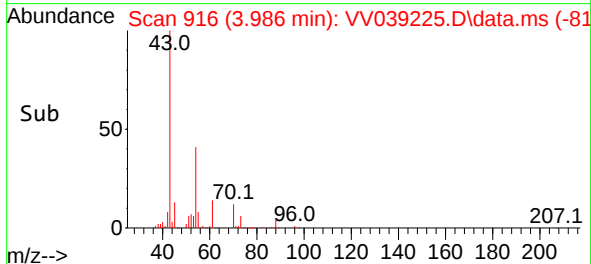
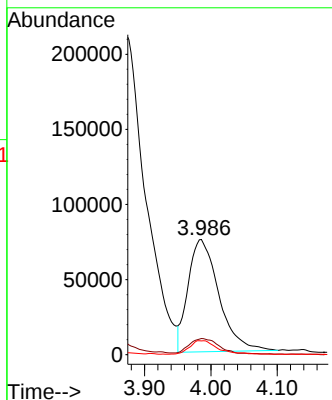
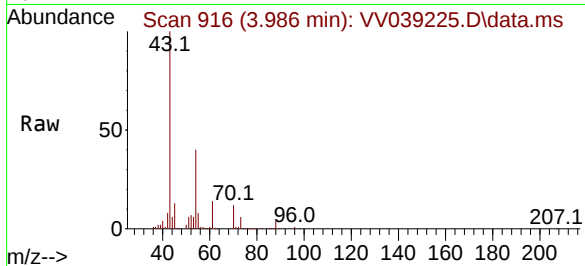




#37
Ethyl Acetate
Concen: 20.874 ug/l
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

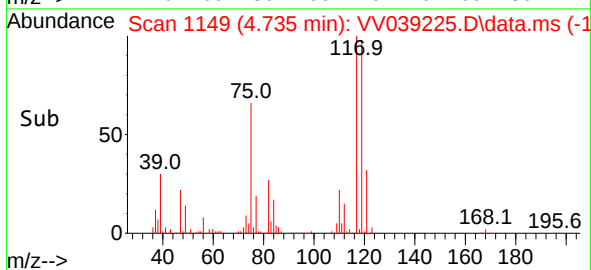
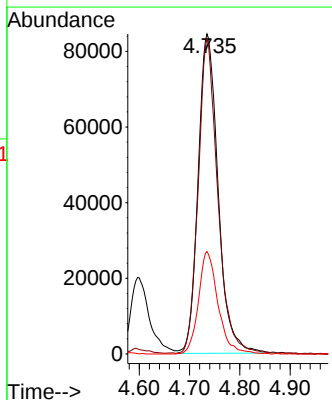
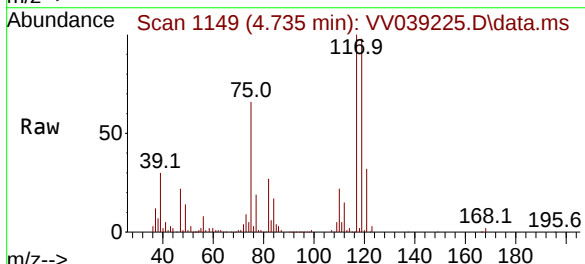
Instrument :
MSVOA_V
ClientSampleId :

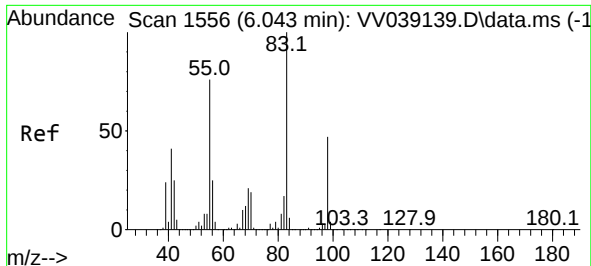
Tgt Ion: 43 Resp: 241045
Ion Ratio Lower Upper
43 100
61 11.8 10.3 15.5
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.067 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 117 Resp: 233397
Ion Ratio Lower Upper
117 100
119 98.4 77.2 115.8
121 32.0 24.2 36.2

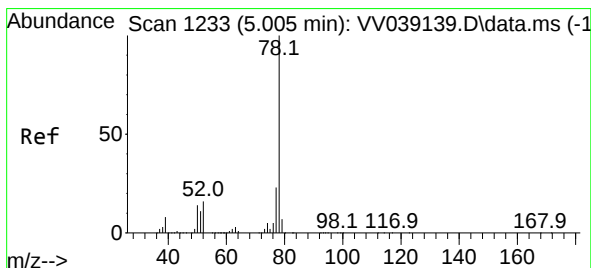
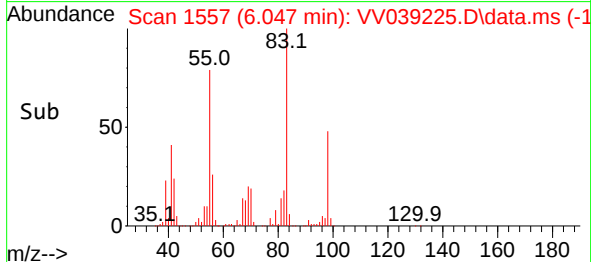
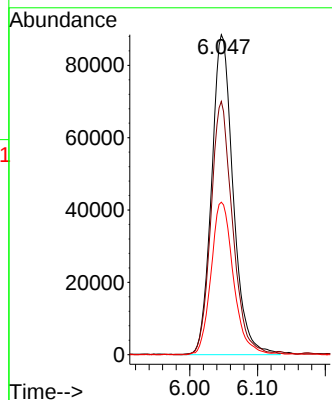
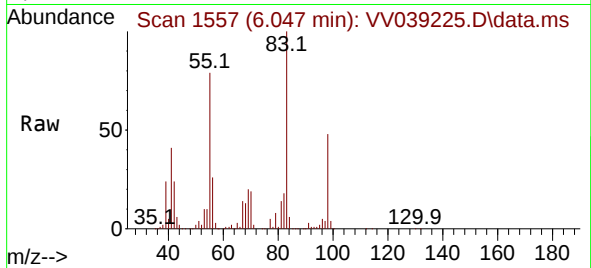




#39
Methylcyclohexane
Concen: 17.051 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

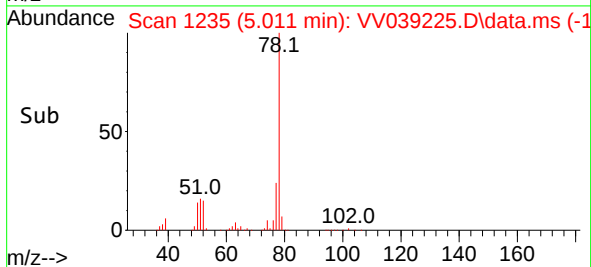
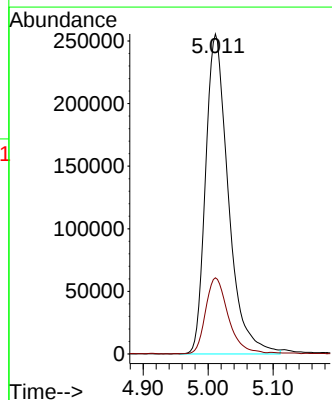
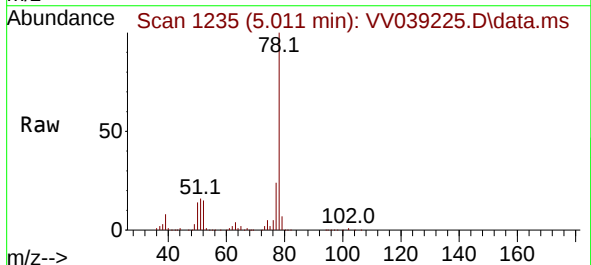
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 195960
Ion Ratio Lower Upper
83 100
55 79.0 60.5 90.7
98 47.7 37.8 56.6



#40
Benzene
Concen: 20.122 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 78 Resp: 623556
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

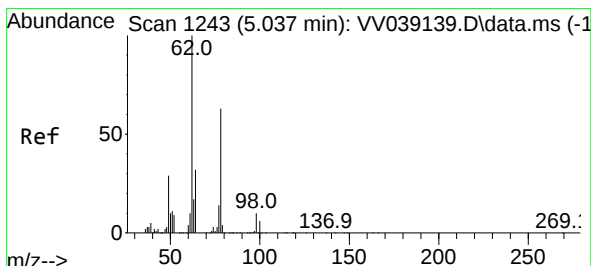
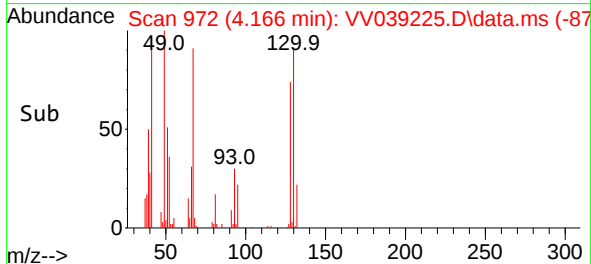
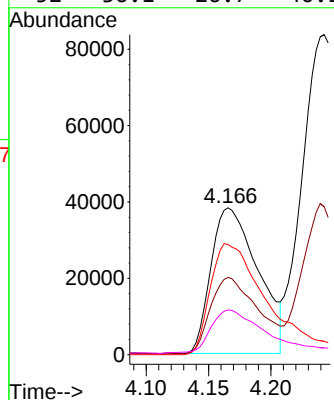
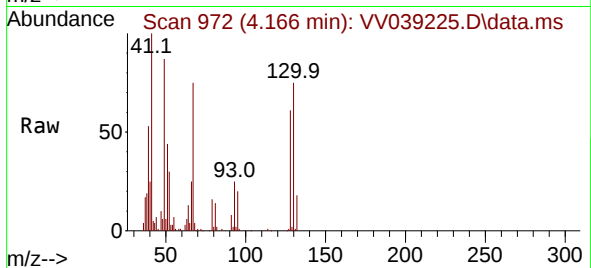




#41
Methacrylonitrile
Concen: 20.365 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

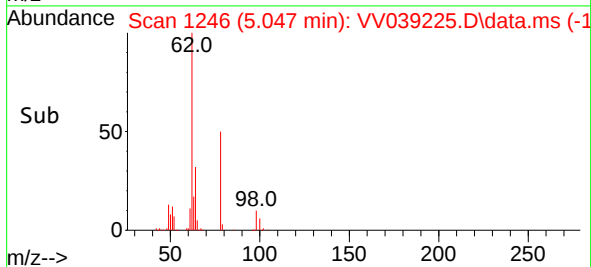
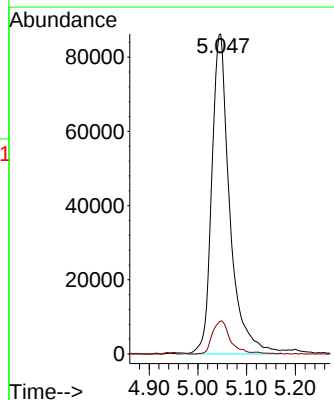
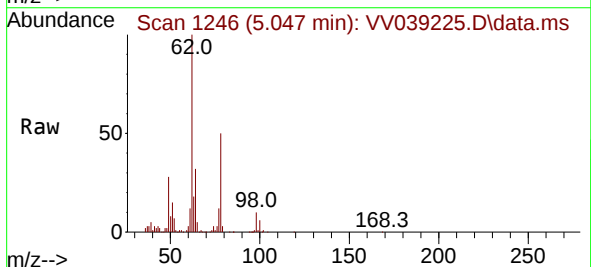
Instrument :
MSVOA_V
ClientSampleId :

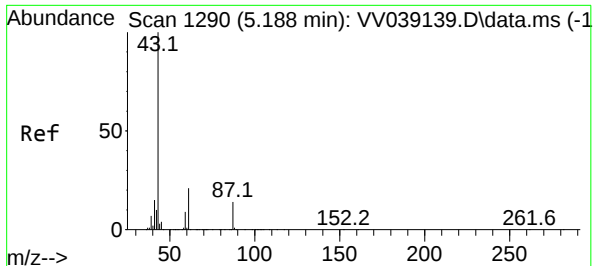
Tgt Ion: 41 Resp: 100179
Ion Ratio Lower Upper
41 100
39 53.1 42.2 63.2
67 94.4 67.9 101.9
52 36.1 26.7 40.1



#42
1,2-Dichloroethane
Concen: 20.395 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 62 Resp: 221456
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.2

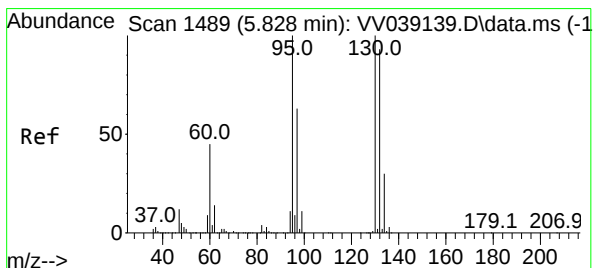
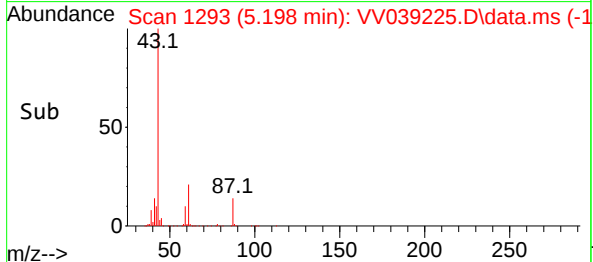
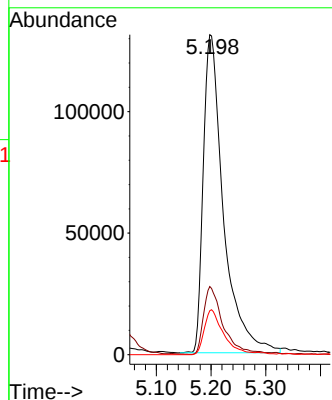
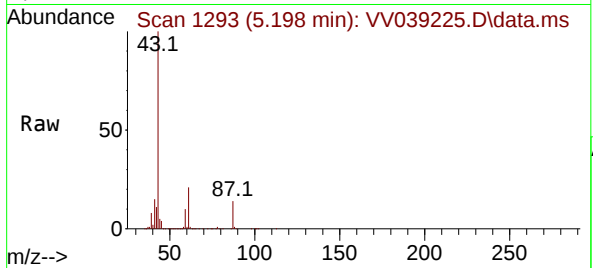




#43
Isopropyl Acetate
Concen: 21.290 ug/l
RT: 5.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

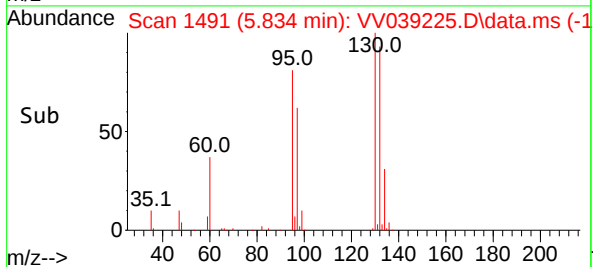
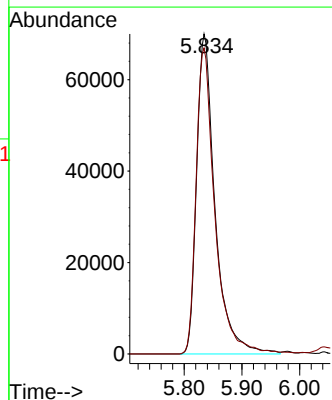
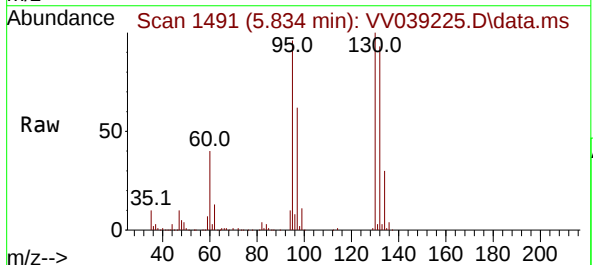
Instrument :
MSVOA_V
ClientSampleId :

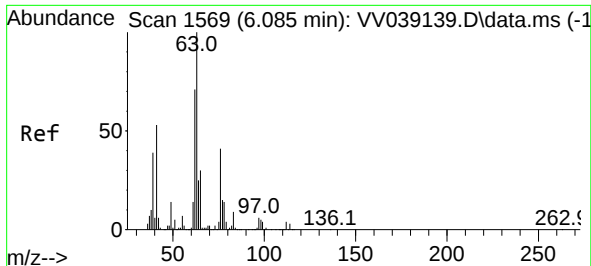
Tgt Ion: 43 Resp: 335203
Ion Ratio Lower Upper
43 100
61 20.6 15.9 23.9
87 13.4 11.0 16.6



#44
Trichloroethene
Concen: 21.684 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion:130 Resp: 155061
Ion Ratio Lower Upper
130 100
95 95.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 20.849 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

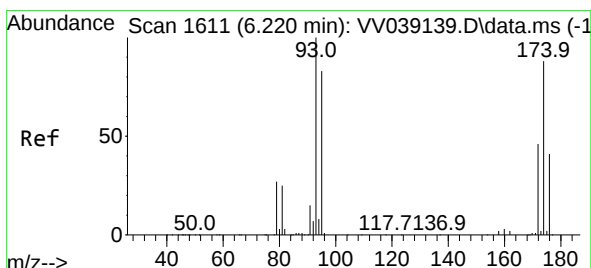
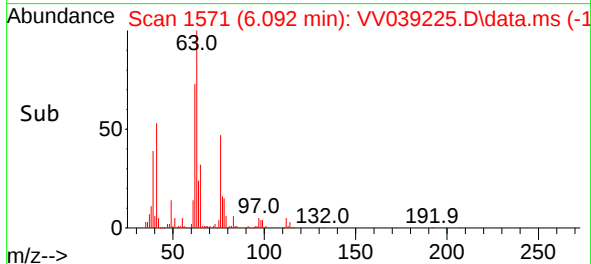
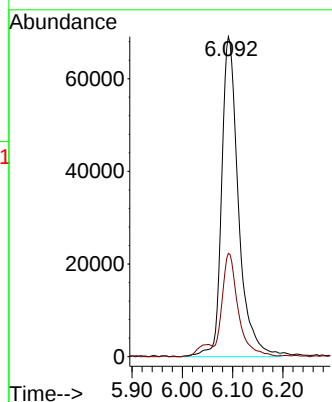
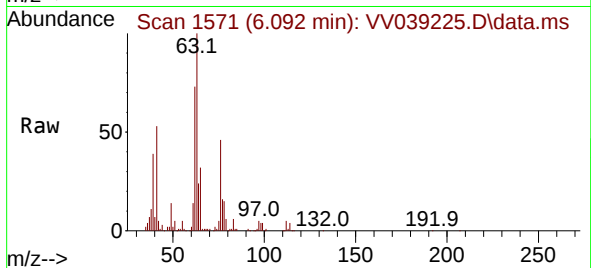
ClientSampleId :

Tgt Ion: 63 Resp: 160593

Ion Ratio Lower Upper

63 100

65 32.3 23.7 35.5



#46

Dibromomethane

Concen: 21.472 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.010 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

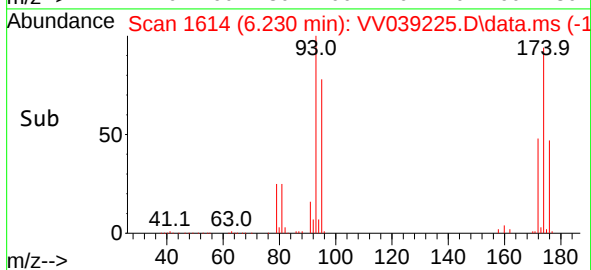
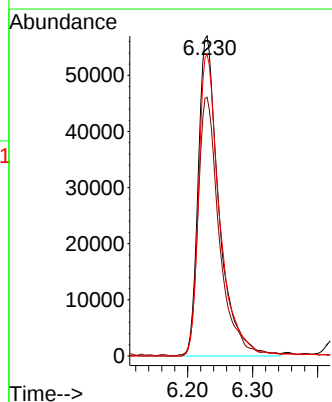
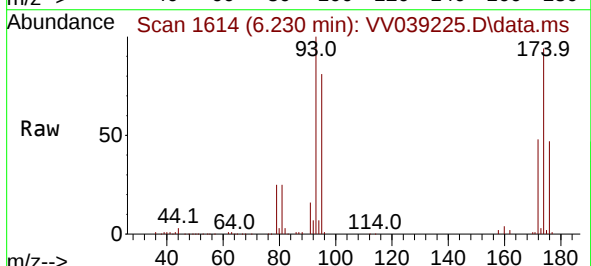
Tgt Ion: 93 Resp: 126585

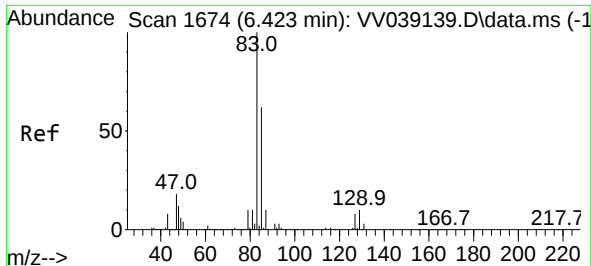
Ion Ratio Lower Upper

93 100

95 82.3 65.5 98.3

174 95.1 69.0 103.4





#47

Bromodichloromethane

Concen: 20.515 ug/l

RT: 6.429 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

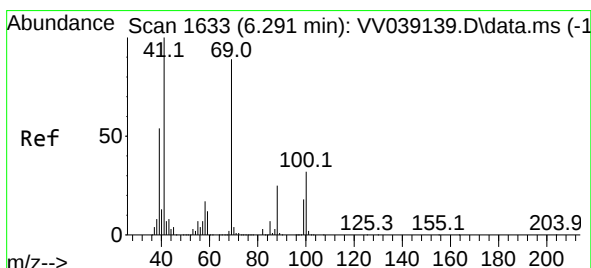
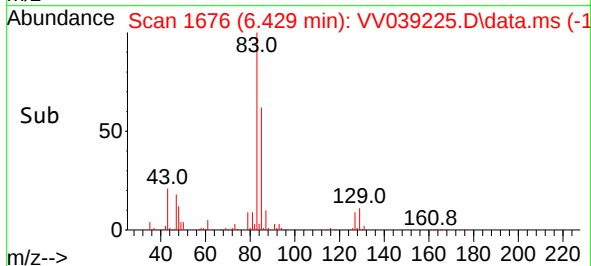
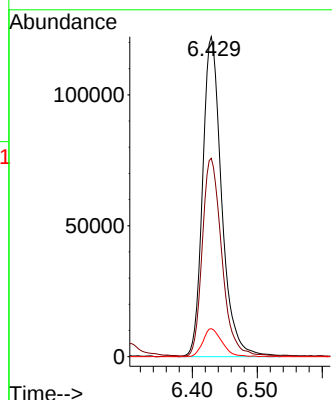
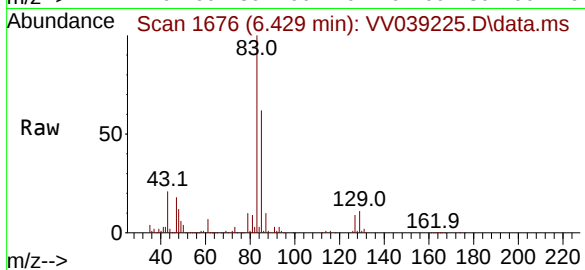
Tgt Ion: 83 Resp: 250038

Ion Ratio Lower Upper

83 100

85 61.7 49.7 74.5

127 8.7 6.6 9.8



#48

Methyl methacrylate

Concen: 20.719 ug/l

RT: 6.301 min Scan# 1636

Delta R.T. 0.010 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

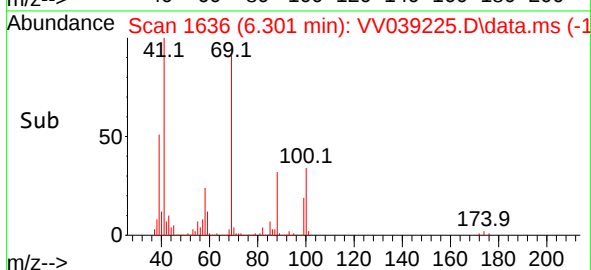
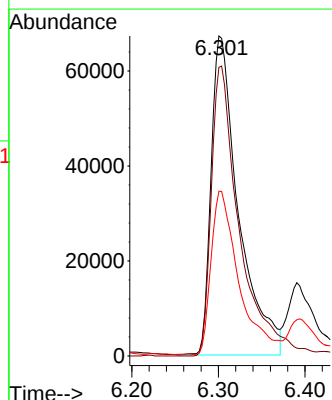
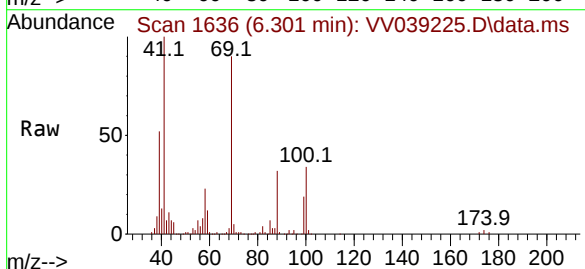
Tgt Ion: 41 Resp: 147877

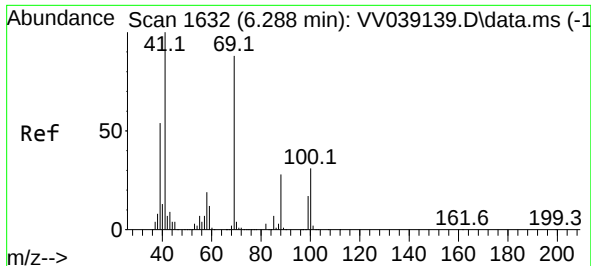
Ion Ratio Lower Upper

41 100

69 93.4 72.4 108.6

39 51.8 42.5 63.7





#49

1,4-Dioxane

Concen: 460.230 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

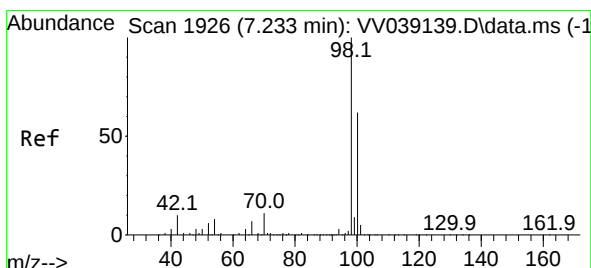
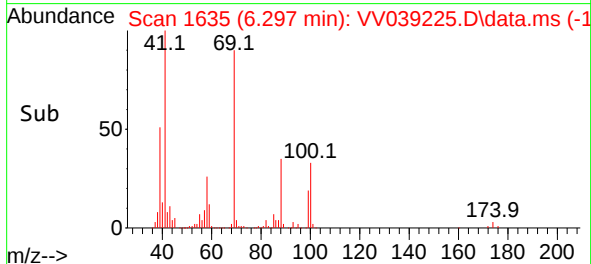
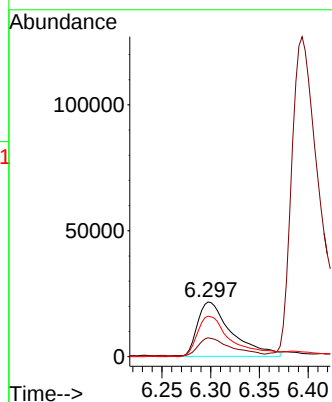
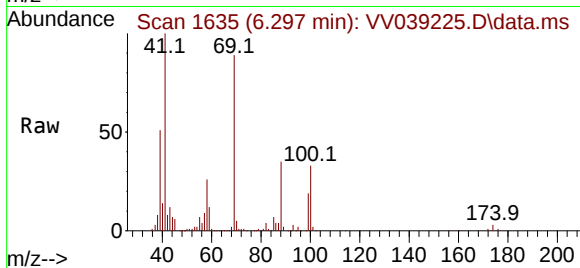
Tgt Ion: 88 Resp: 53009

Ion Ratio Lower Upper

88 100

43 31.1 25.1 37.7

58 74.9 53.6 80.4



#50

Toluene-d8

Concen: 46.485 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039225.D

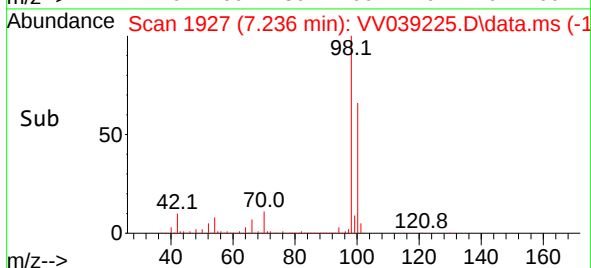
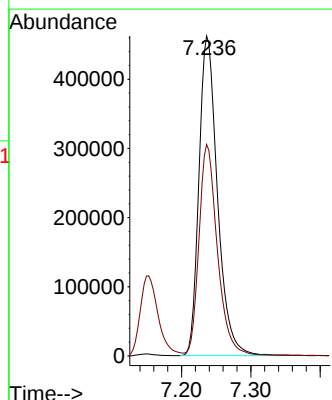
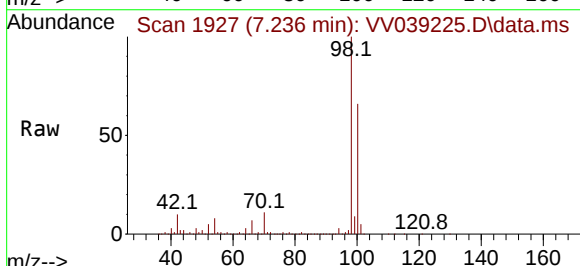
Acq: 29 Sep 2025 12:45

Tgt Ion: 98 Resp: 859357

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

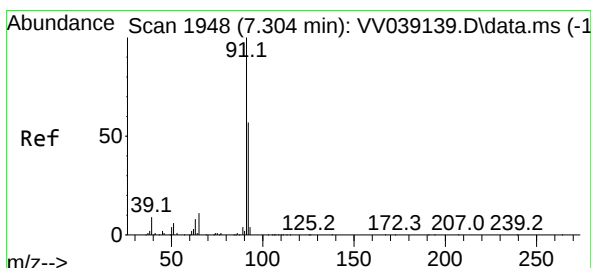
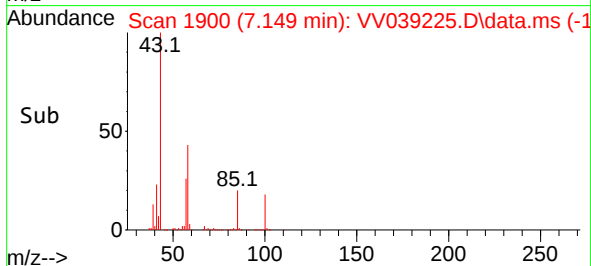
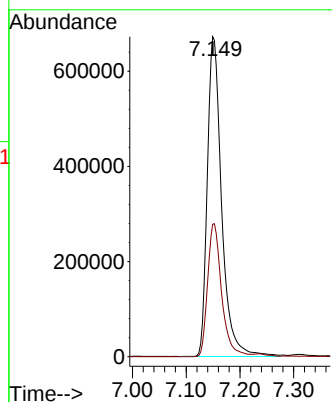
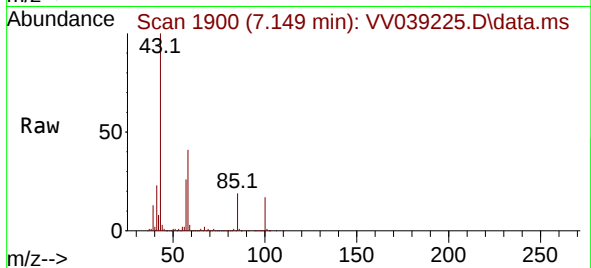




#51
4-Methyl-2-Pentanone
Concen: 120.180 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

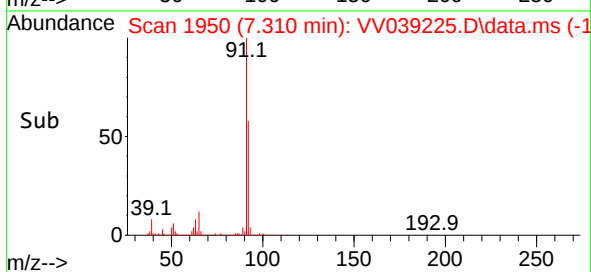
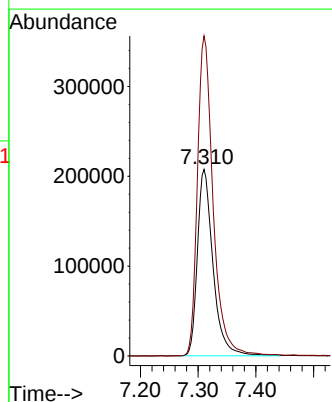
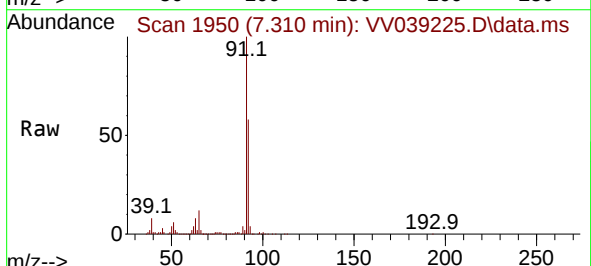
Instrument :
MSVOA_V
ClientSampleId :

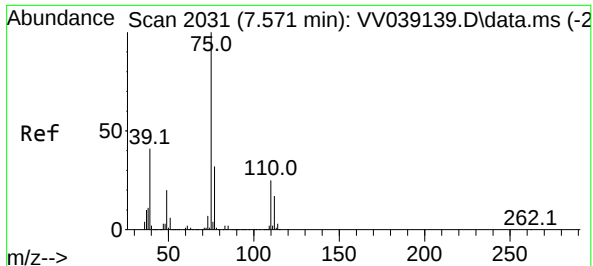
Tgt Ion: 43 Resp: 1244861
Ion Ratio Lower Upper
43 100
58 40.7 32.3 48.5



#52
Toluene
Concen: 21.735 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 92 Resp: 390533
Ion Ratio Lower Upper
92 100
91 172.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.394 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

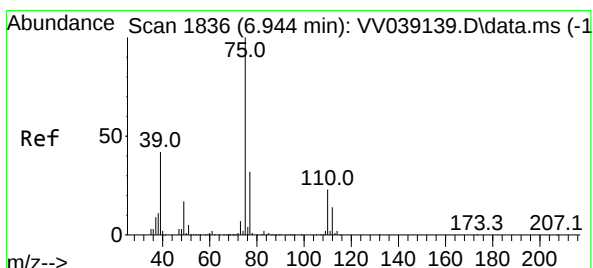
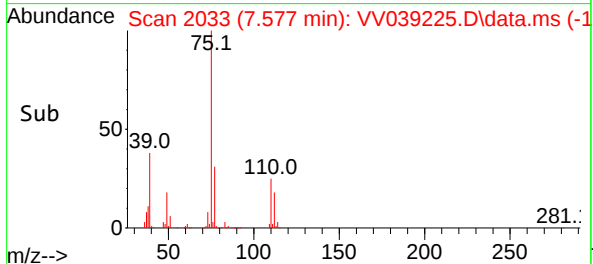
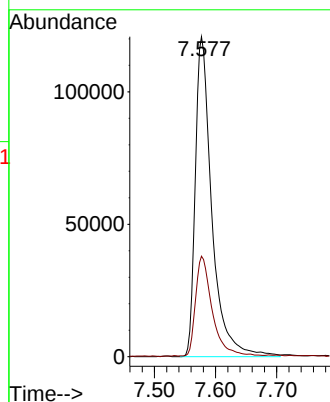
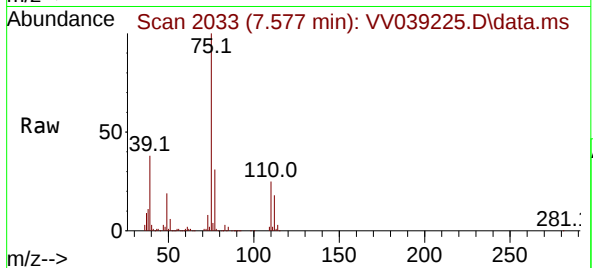
ClientSampleId :

Tgt Ion: 75 Resp: 227239

Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.595 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

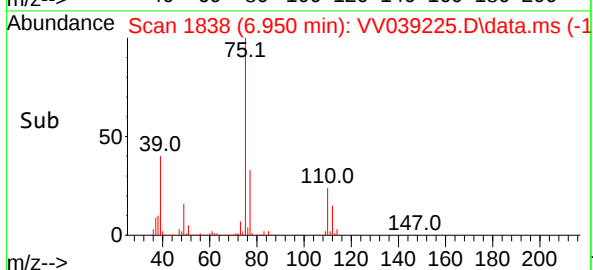
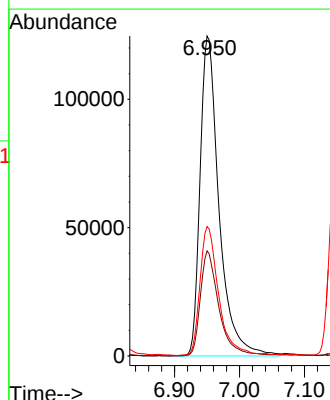
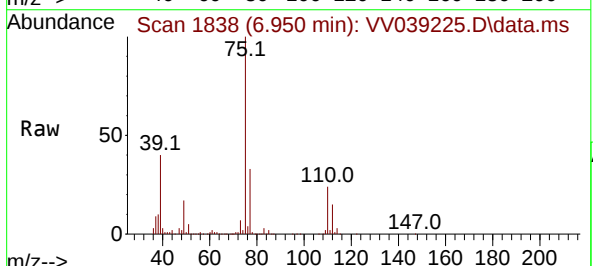
Tgt Ion: 75 Resp: 253213

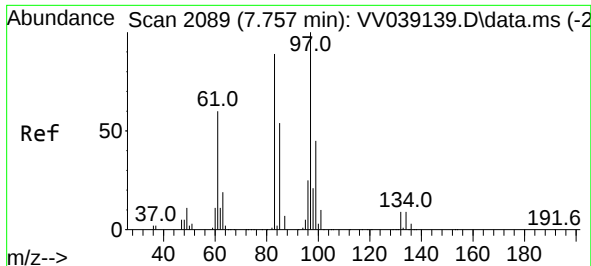
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 40.2 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 21.570 ug/l

RT: 7.764 min Scan# 2089

Delta R.T. 0.007 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 173780

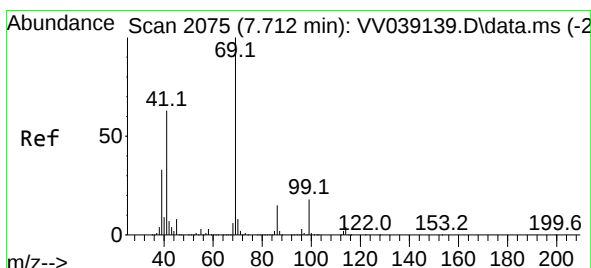
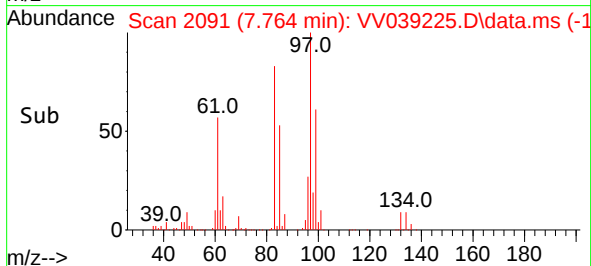
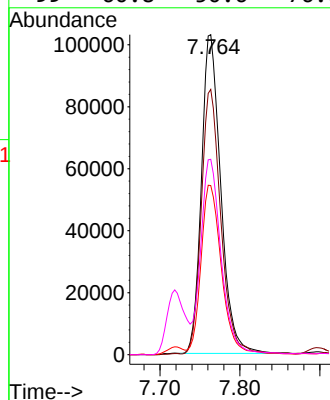
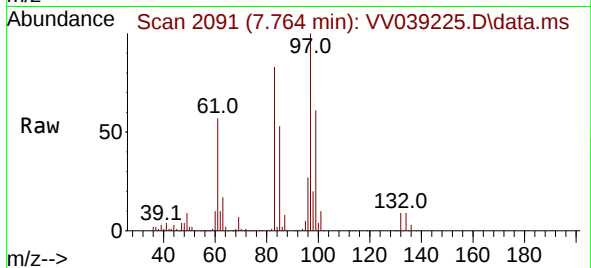
Ion Ratio Lower Upper

97 100

83 83.0 71.1 106.7

85 52.7 44.6 67.0

99 60.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 22.002 ug/l

RT: 7.718 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

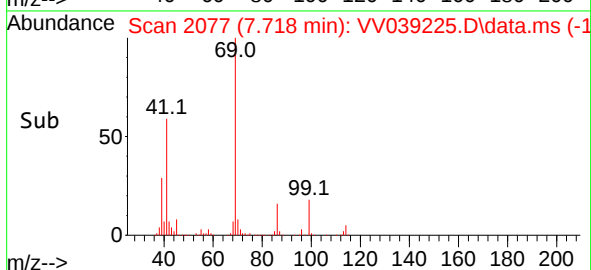
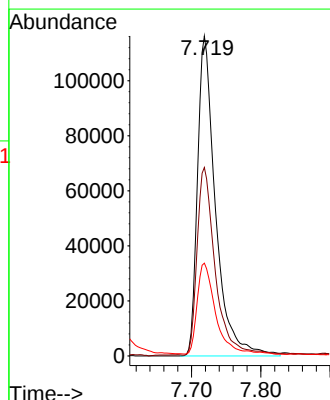
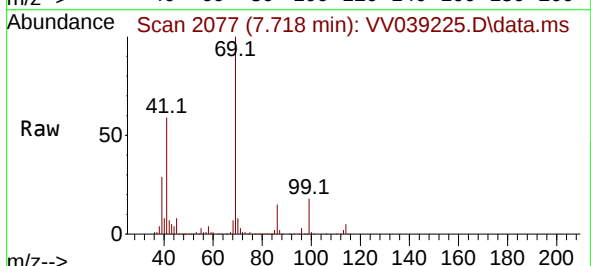
Tgt Ion: 69 Resp: 210504

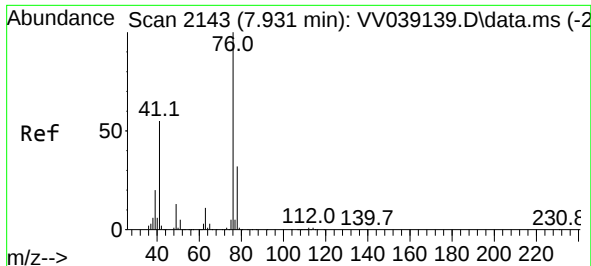
Ion Ratio Lower Upper

69 100

41 59.6 50.7 76.1

39 29.4 26.0 39.0





#57

1,3-Dichloropropane

Concen: 21.095 ug/l

RT: 7.937 min Scan# 2143

Delta R.T. 0.006 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

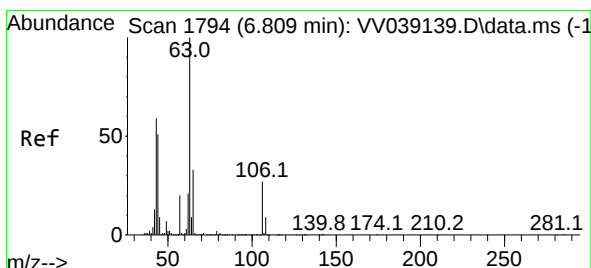
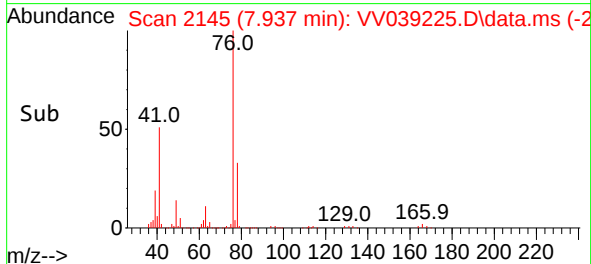
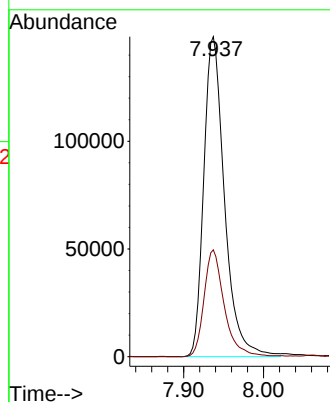
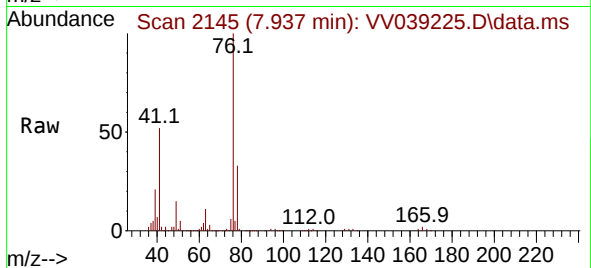
ClientSampleId :

Tgt Ion: 76 Resp: 268213

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.289 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV039225.D

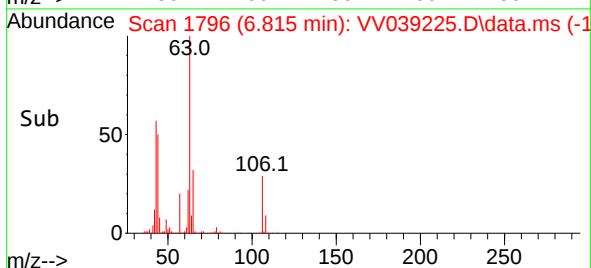
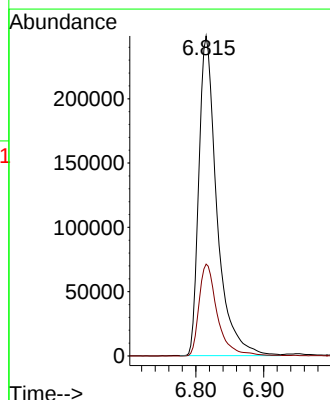
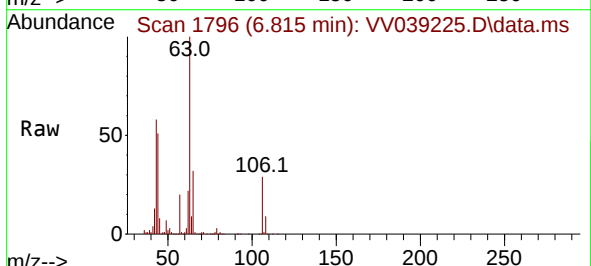
Acq: 29 Sep 2025 12:45

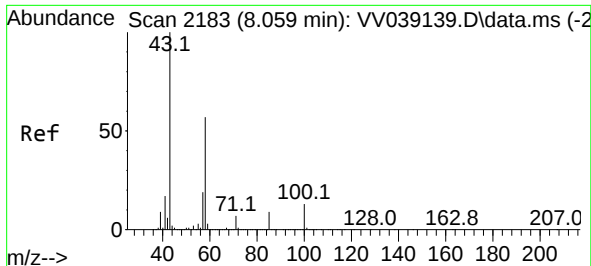
Tgt Ion: 63 Resp: 458850

Ion Ratio Lower Upper

63 100

106 29.2 22.1 33.1

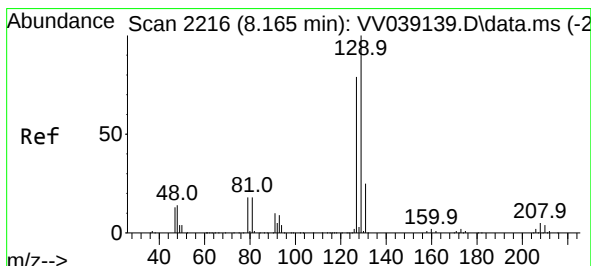
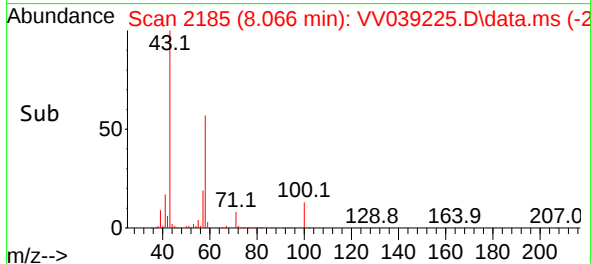
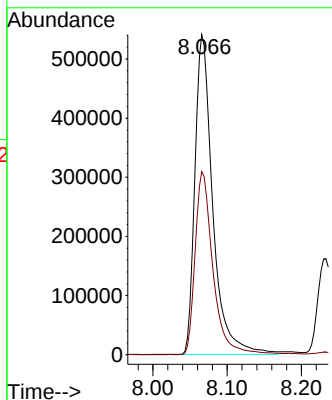
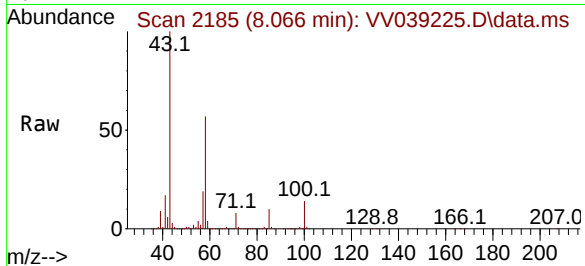




#59
2-Hexanone
Concen: 109.738 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

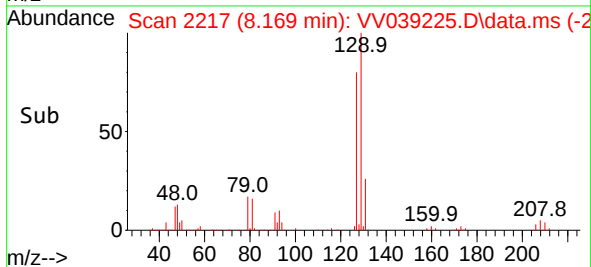
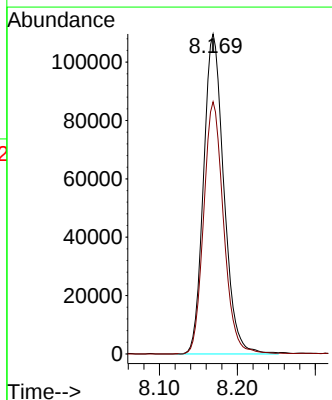
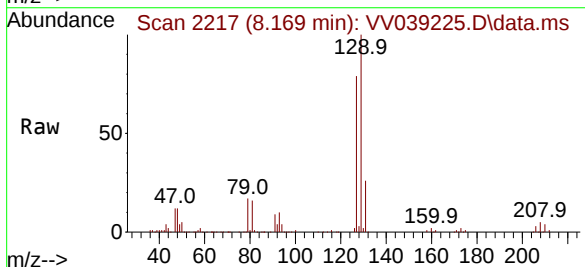
Instrument :
MSVOA_V
ClientSampleId :

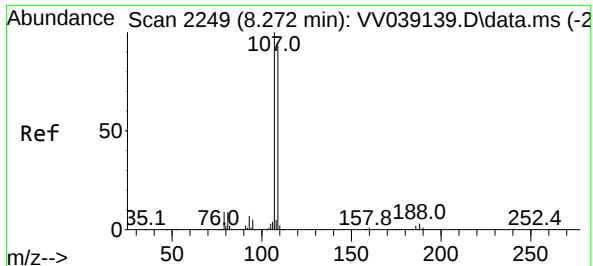
Tgt Ion: 43 Resp: 906522
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0



#60
Dibromochloromethane
Concen: 21.613 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 129 Resp: 198410
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.9

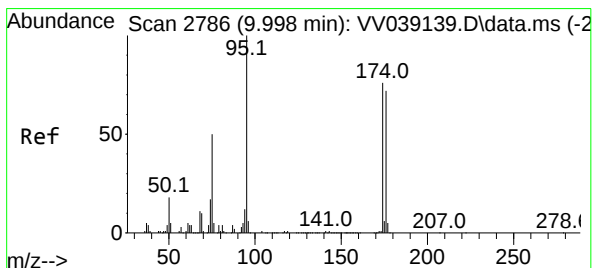
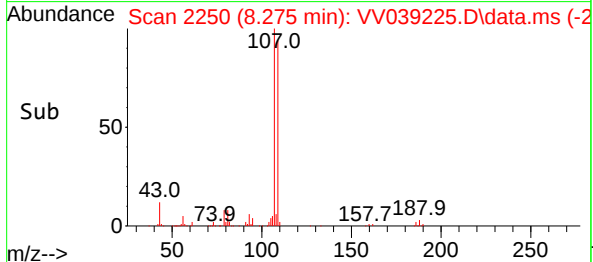
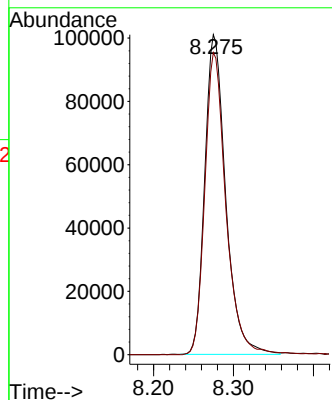
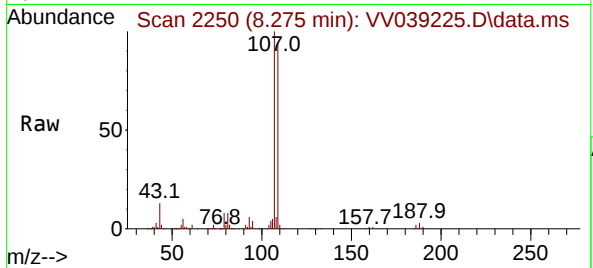




#61
1,2-Dibromoethane
Concen: 22.337 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

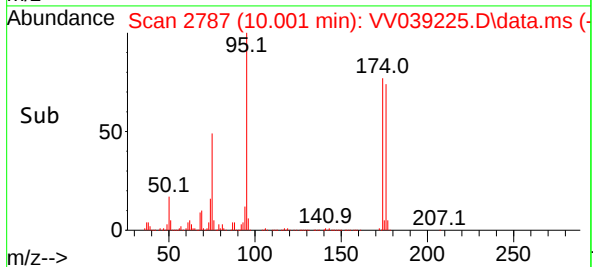
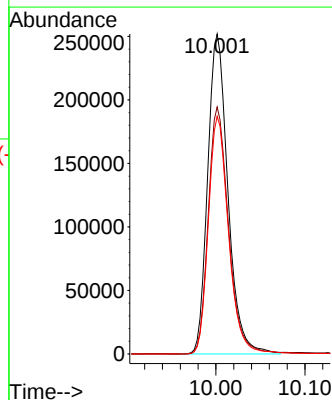
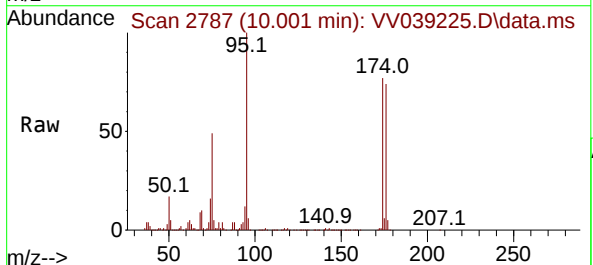
Instrument :
MSVOA_V
ClientSampleId :

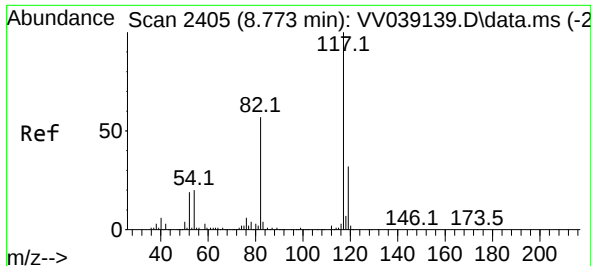
Tgt Ion:107 Resp: 184040
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 52.166 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 95 Resp: 397013
Ion Ratio Lower Upper
95 100
174 77.7 0.0 150.4
176 74.1 0.0 144.2

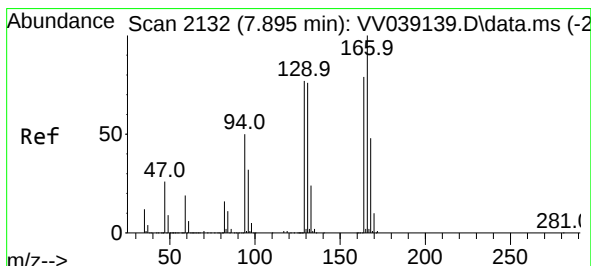
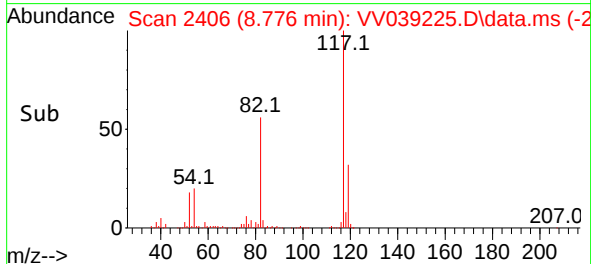
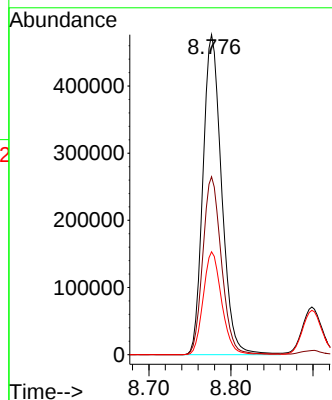
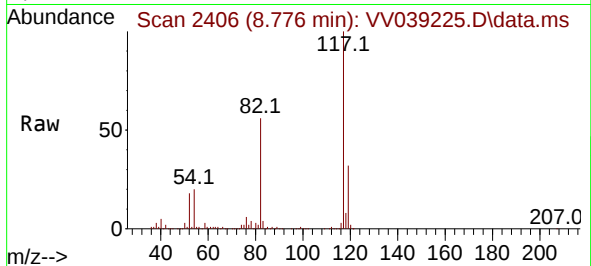




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

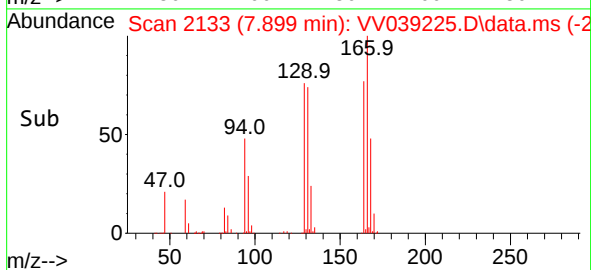
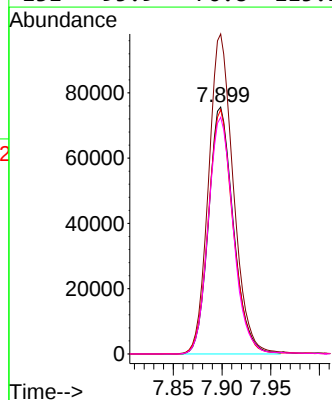
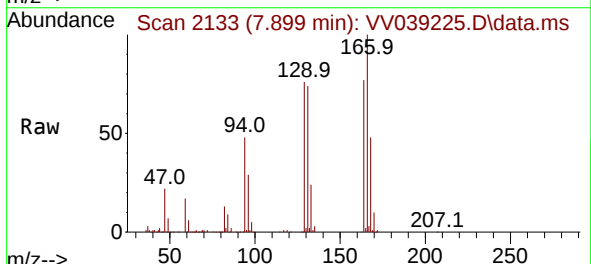
Instrument :
MSVOA_V
ClientSampleId :

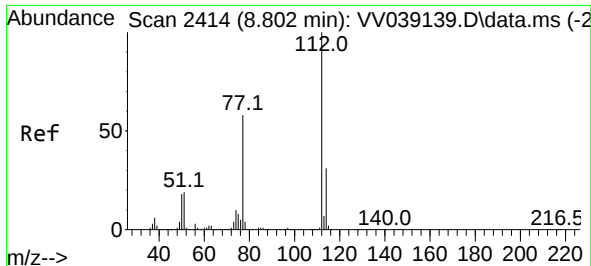
Tgt Ion:117 Resp: 752988
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 21.249 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion:164 Resp: 134014
Ion Ratio Lower Upper
164 100
166 129.4 101.6 152.4
129 98.9 78.5 117.7
131 95.9 76.8 115.2

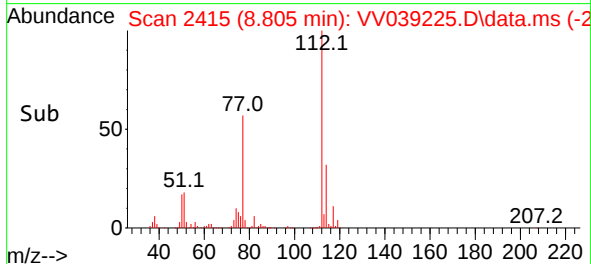
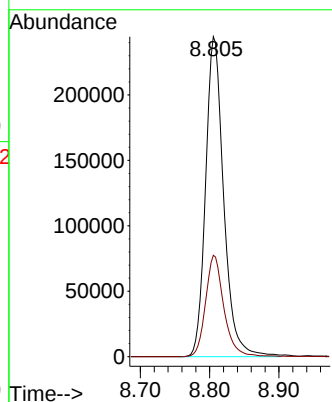
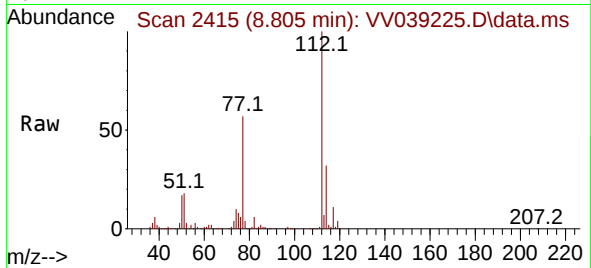




#65
Chlorobenzene
Concen: 21.130 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

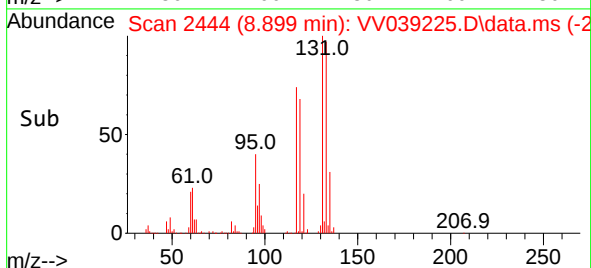
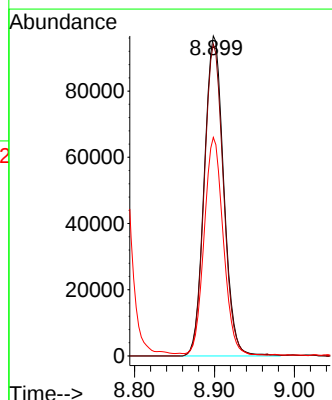
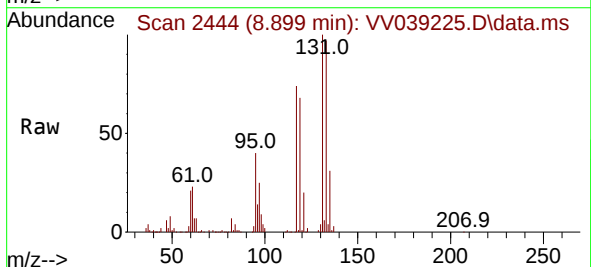
Instrument :
MSVOA_V
ClientSampleId :

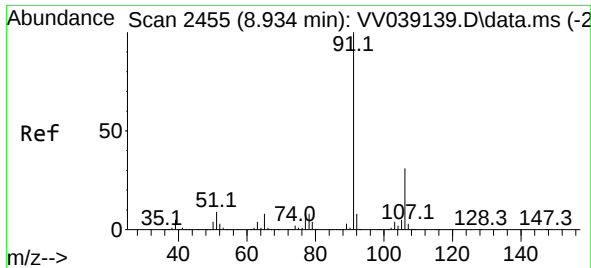
Tgt Ion:112 Resp: 443181
Ion Ratio Lower Upper
112 100
114 31.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.681 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion:131 Resp: 164309
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 66.8 33.3 99.8





#67

Ethyl Benzene

Concen: 20.857 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

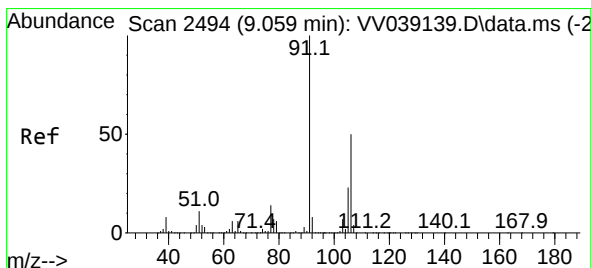
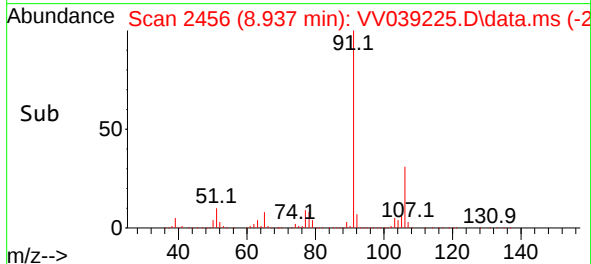
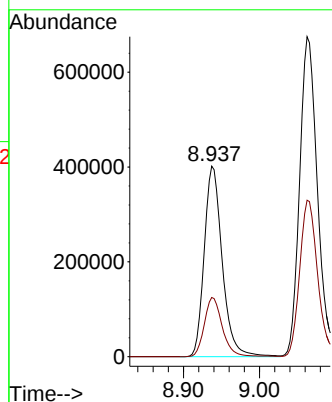
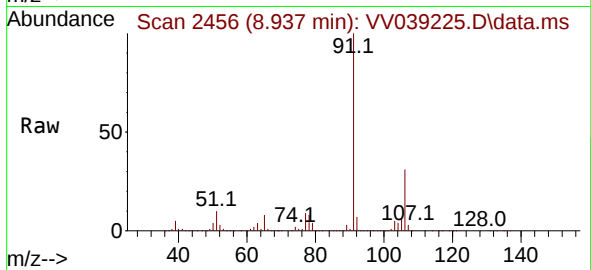
ClientSampleId :

Tgt Ion: 91 Resp: 662192

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 44.552 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039225.D

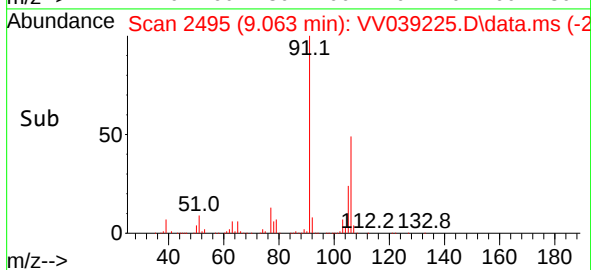
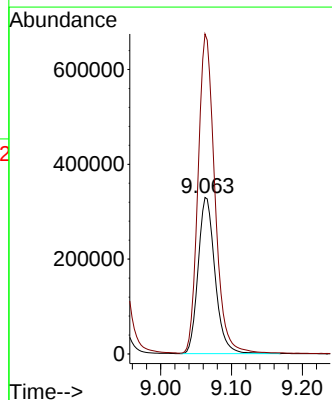
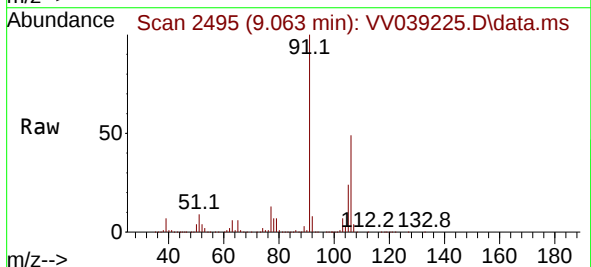
Acq: 29 Sep 2025 12:45

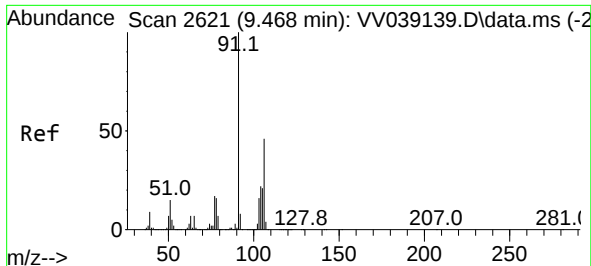
Tgt Ion: 106 Resp: 545930

Ion Ratio Lower Upper

106 100

91 203.9 162.5 243.7

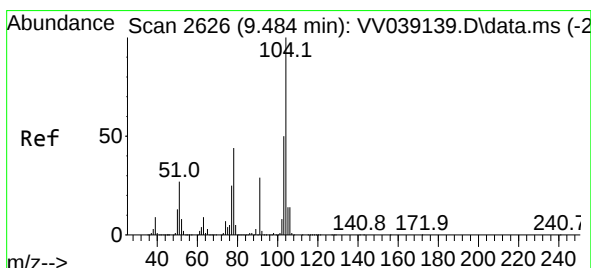
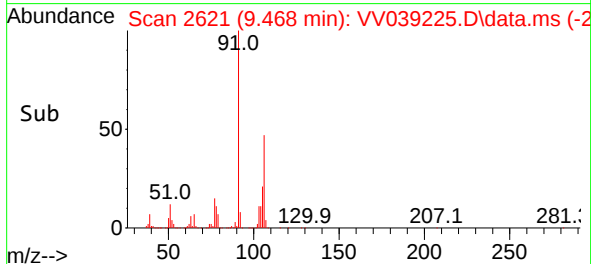
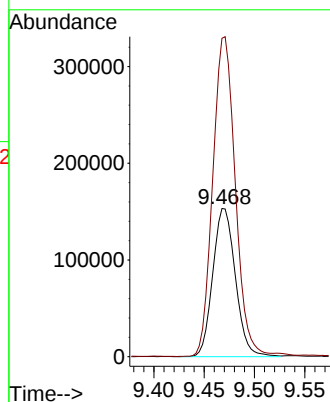
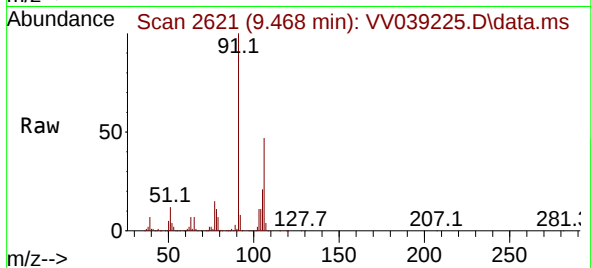




#69
o-Xylene
Concen: 22.119 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

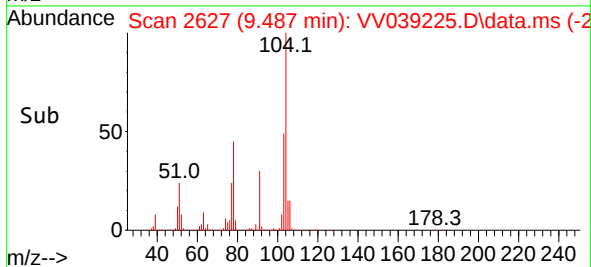
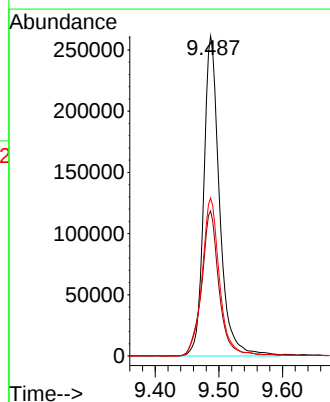
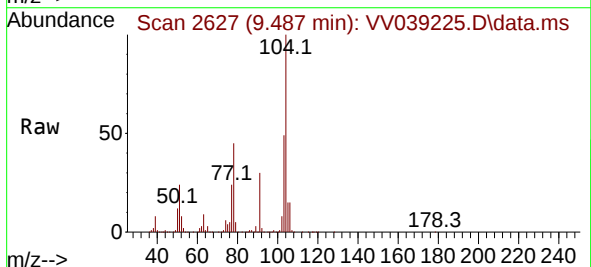
Instrument :
MSVOA_V
ClientSampleId :

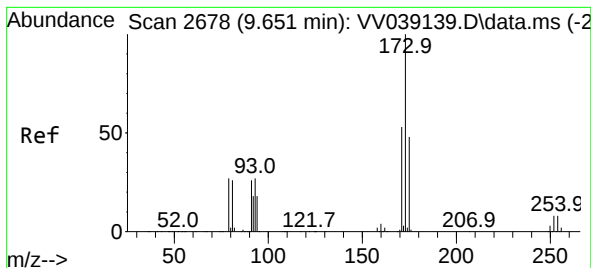
Tgt Ion:106 Resp: 239988
Ion Ratio Lower Upper
106 100
91 216.1 109.1 327.3



#70
Styrene
Concen: 20.534 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion:104 Resp: 452013
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.6
103 54.4 43.4 65.2





#71

Bromoform

Concen: 24.598 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

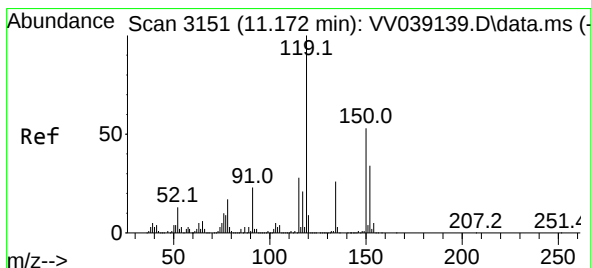
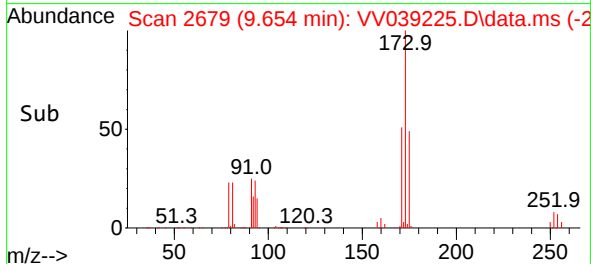
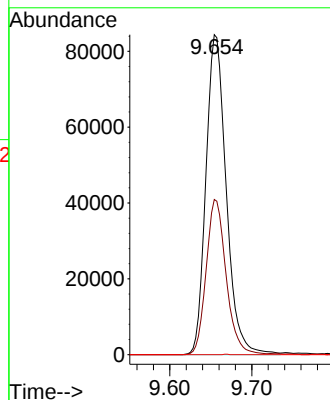
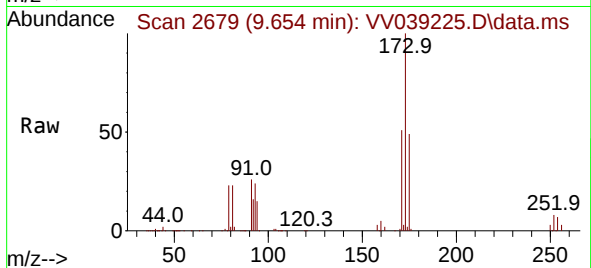
Tgt Ion:173 Resp: 145614

Ion Ratio Lower Upper

173 100

175 47.6 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

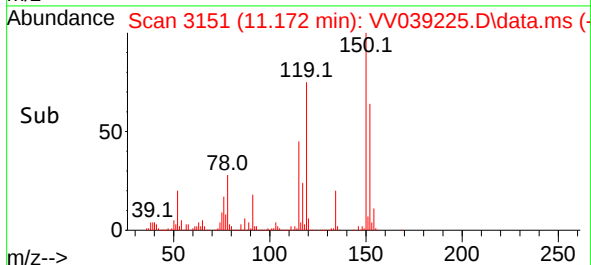
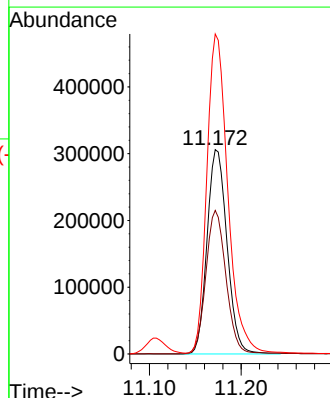
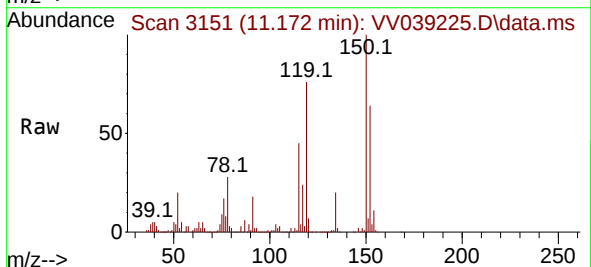
Tgt Ion:152 Resp: 463715

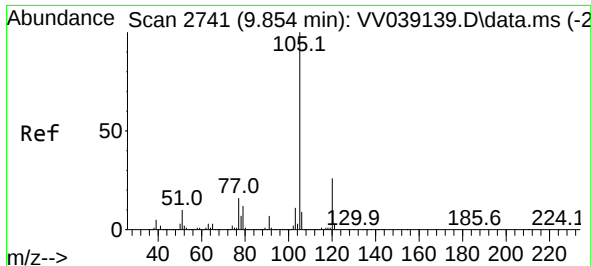
Ion Ratio Lower Upper

152 100

115 70.5 44.8 134.4

150 164.5 0.0 353.8

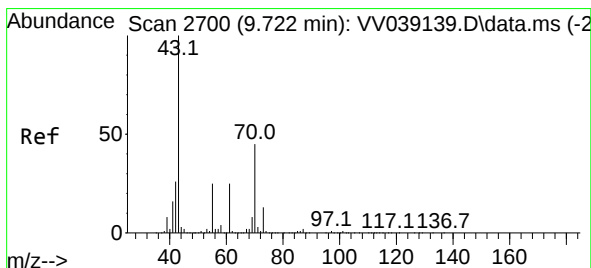
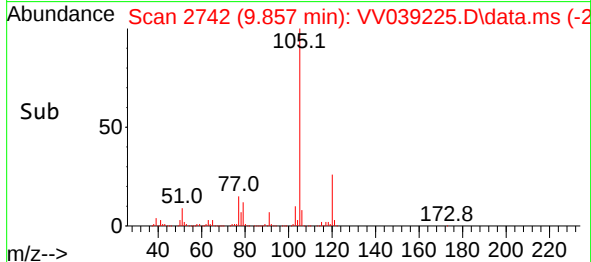
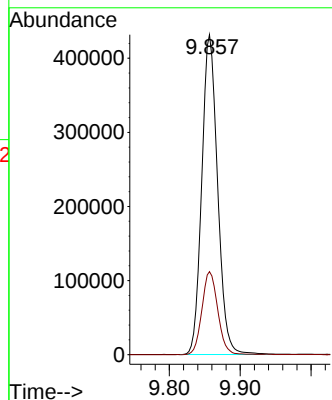
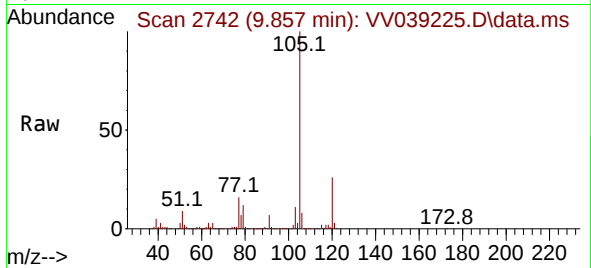




#73
Isopropylbenzene
Concen: 19.898 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

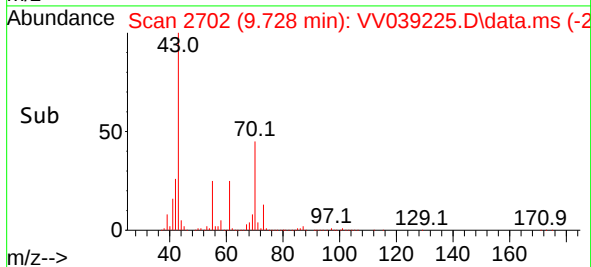
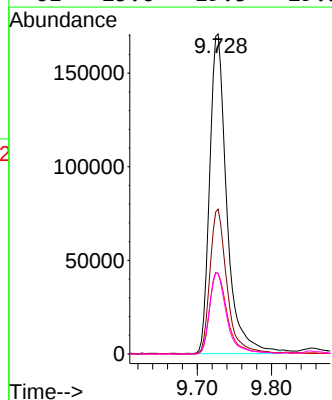
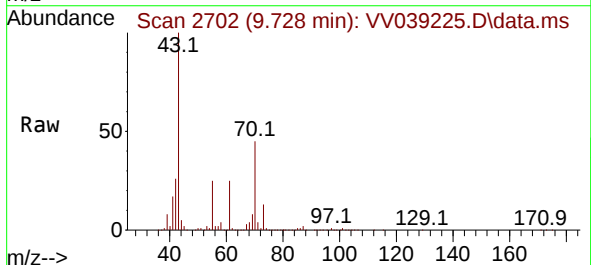
Instrument :
MSVOA_V
ClientSampleId :

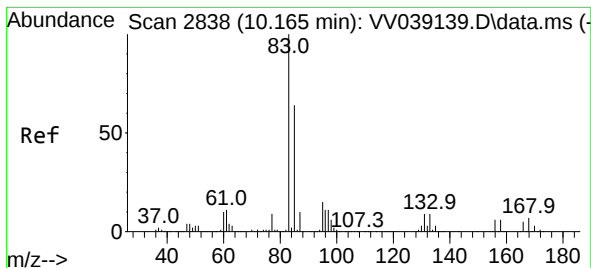
Tgt Ion:105 Resp: 669233
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 20.410 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.006 min
Lab File: VV039225.D
Acq: 29 Sep 2025 12:45

Tgt Ion: 43 Resp: 273814
Ion Ratio Lower Upper
43 100
70 45.1 35.4 53.0
55 26.6 20.6 30.8
61 25.6 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.756 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

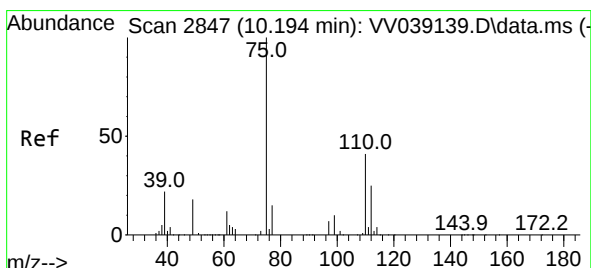
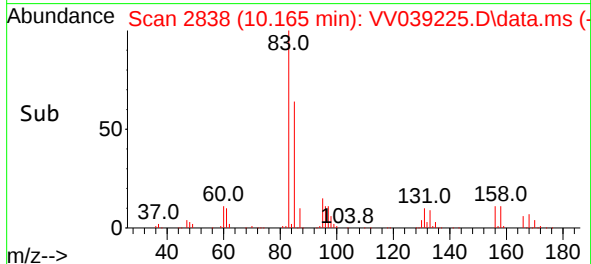
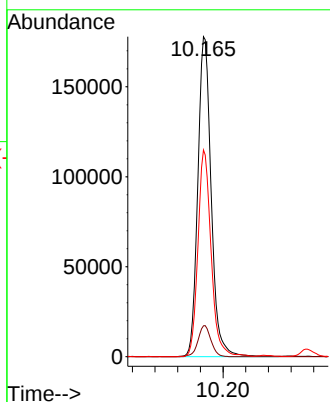
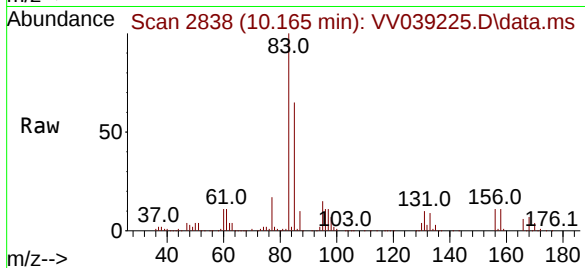
Tgt Ion: 83 Resp: 291140

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

85 63.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 20.863 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039225.D

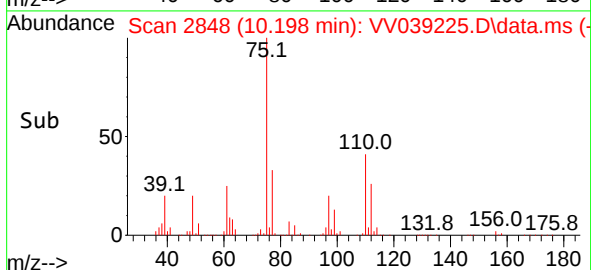
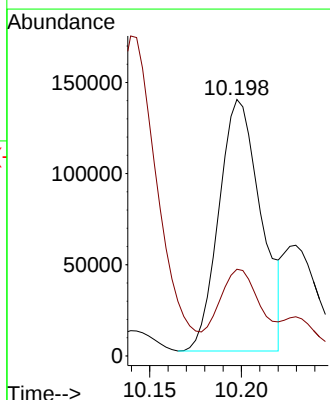
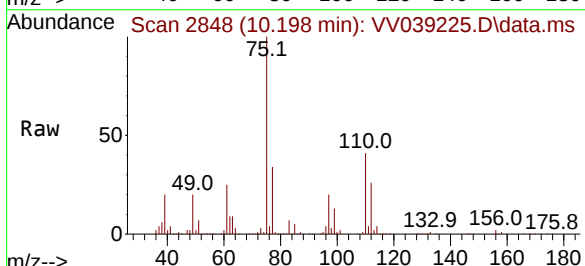
Acq: 29 Sep 2025 12:45

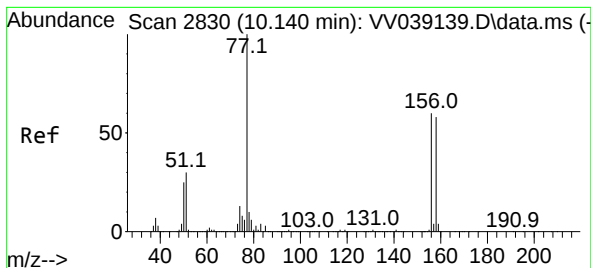
Tgt Ion: 75 Resp: 220278

Ion Ratio Lower Upper

75 100

77 21.1 11.3 33.8





#77

Bromobenzene

Concen: 20.956 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

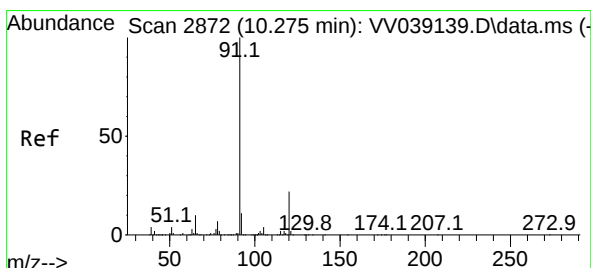
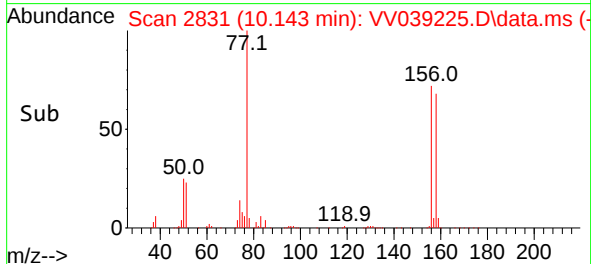
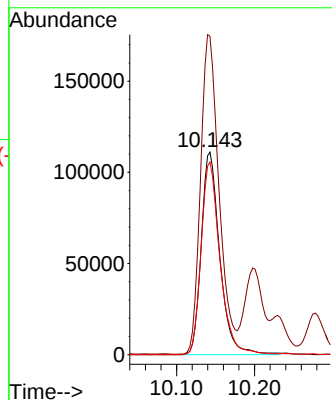
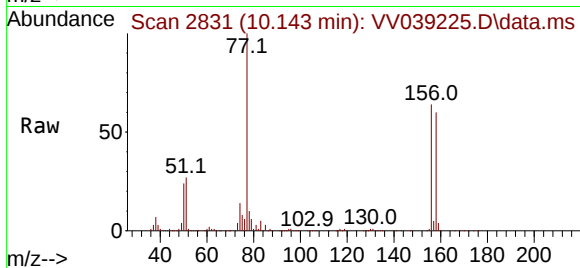
Tgt Ion:156 Resp: 182864

Ion Ratio Lower Upper

156 100

77 157.8 83.4 250.1

158 96.7 48.8 146.4



#78

n-propylbenzene

Concen: 19.403 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039225.D

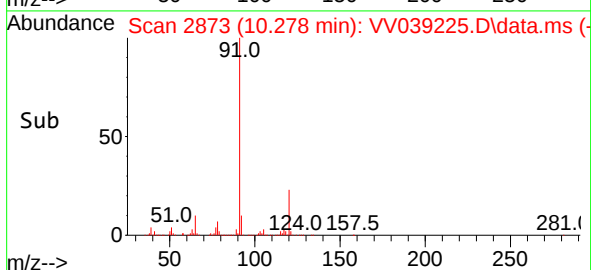
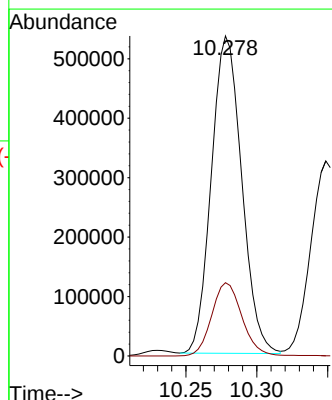
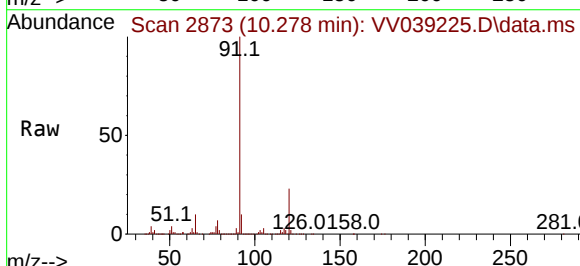
Acq: 29 Sep 2025 12:45

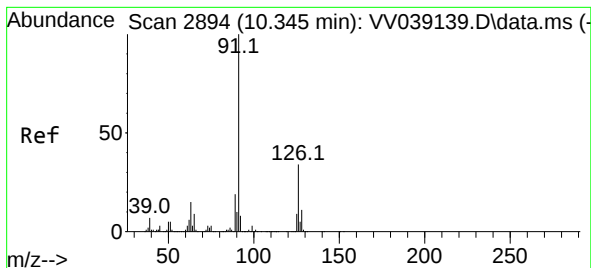
Tgt Ion: 91 Resp: 794691

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.822 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

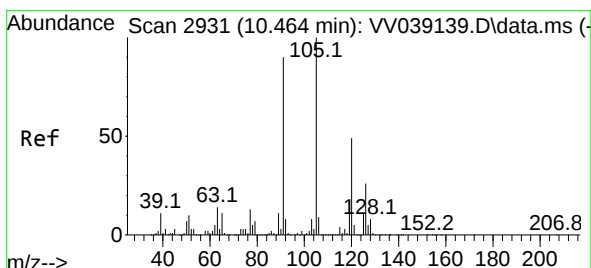
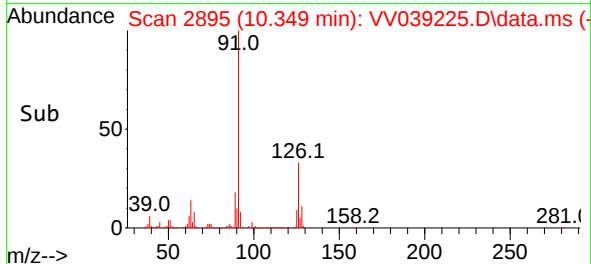
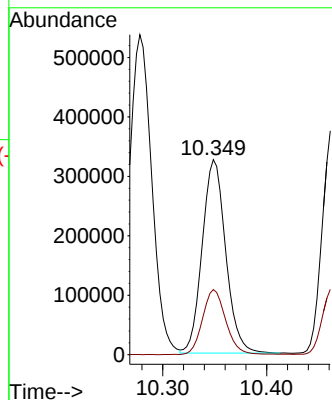
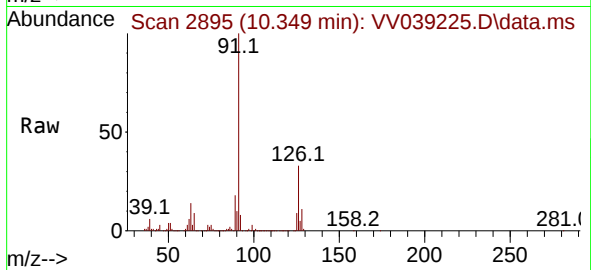
ClientSampleId :

Tgt Ion: 91 Resp: 510289

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 20.318 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039225.D

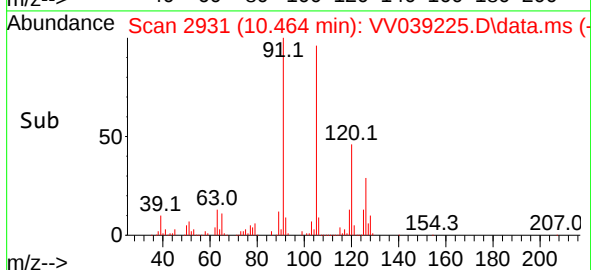
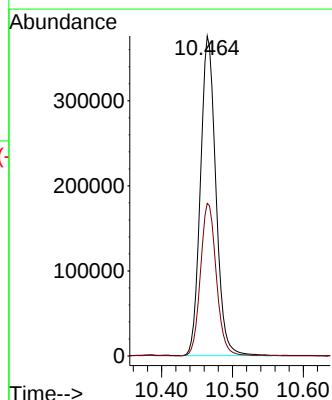
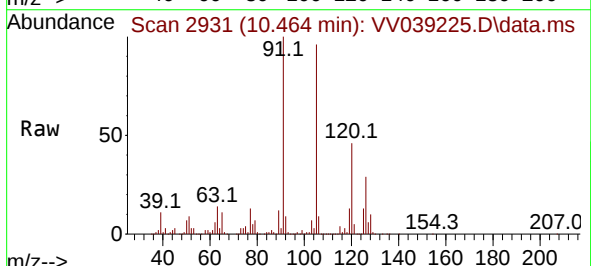
Acq: 29 Sep 2025 12:45

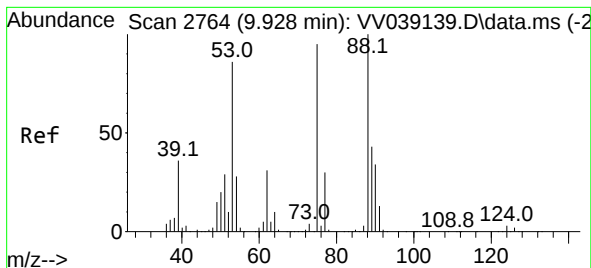
Tgt Ion: 105 Resp: 567991

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

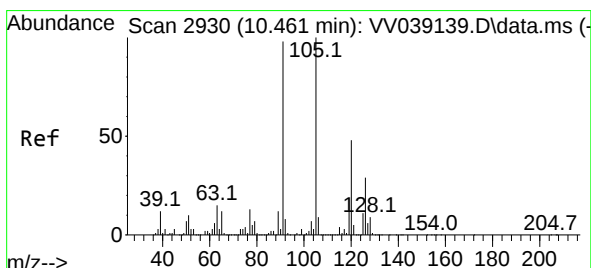
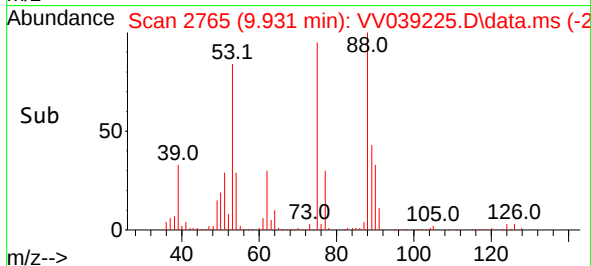
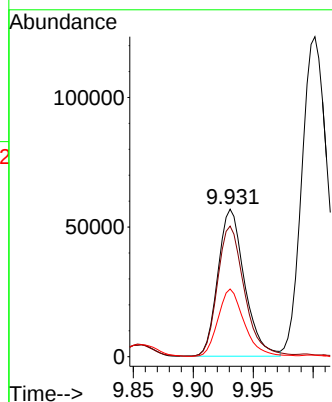
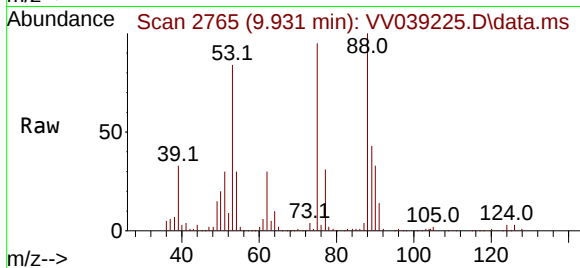




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.939 ug/l
 RT: 9.931 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

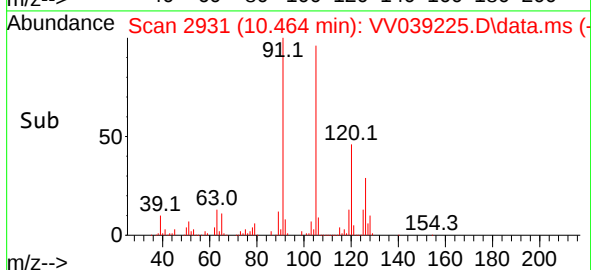
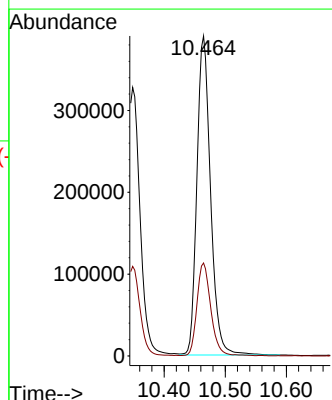
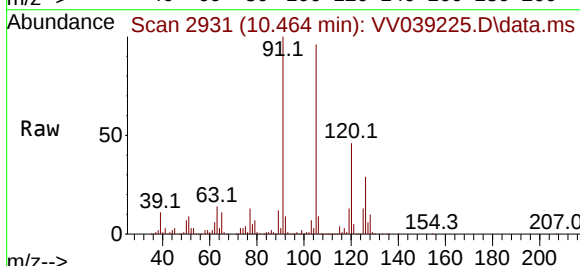
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 87689
 Ion Ratio Lower Upper
 75 100
 53 88.9 72.5 108.7
 89 45.1 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 21.232 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

Tgt Ion: 91 Resp: 603390
 Ion Ratio Lower Upper
 91 100
 126 29.5 14.5 43.6





#83

tert-Butylbenzene

Concen: 18.958 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

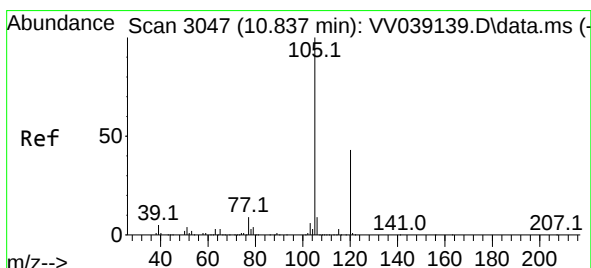
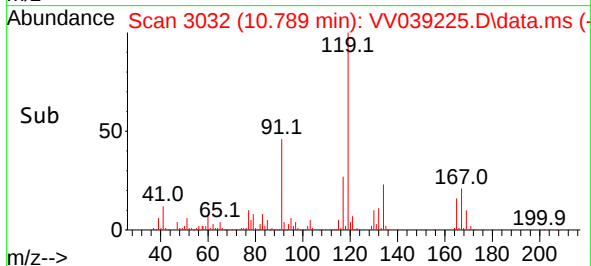
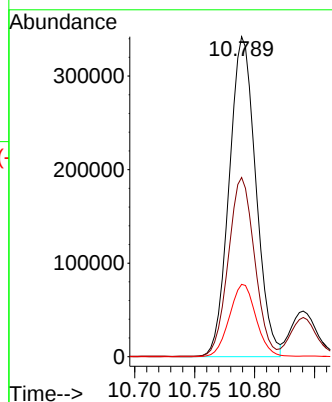
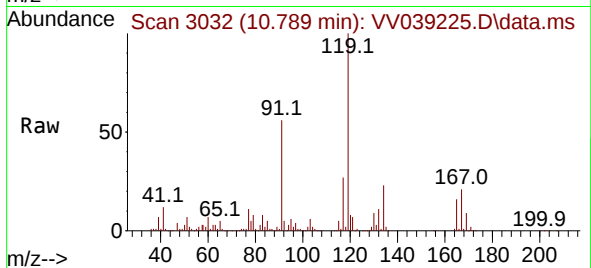
Tgt Ion:119 Resp: 528470

Ion Ratio Lower Upper

119 100

91 55.1 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.800 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039225.D

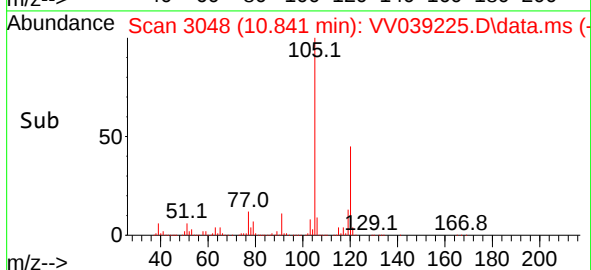
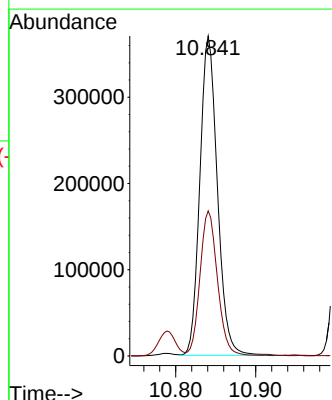
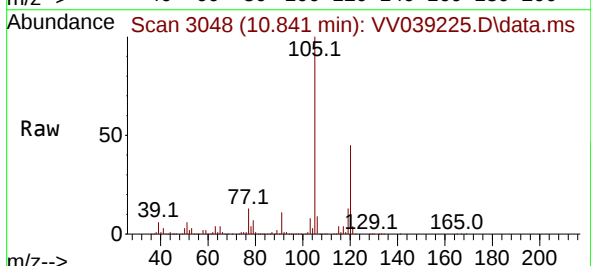
Acq: 29 Sep 2025 12:45

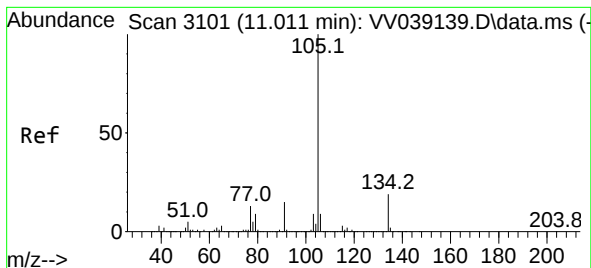
Tgt Ion:105 Resp: 564532

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.457 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

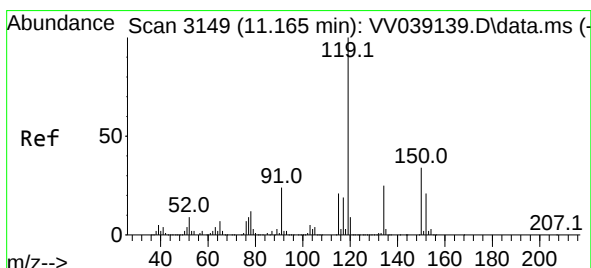
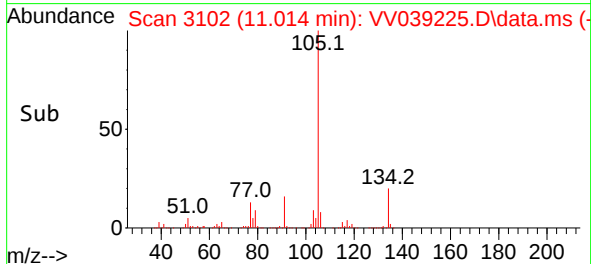
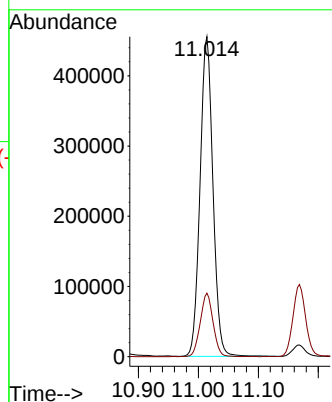
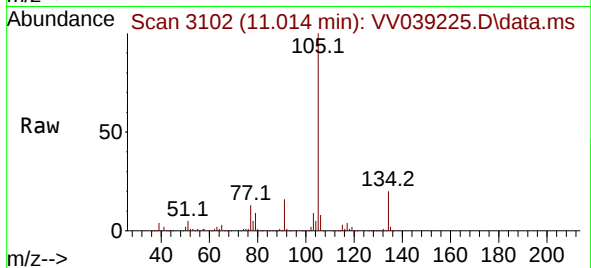
ClientSampleId :

Tgt Ion:105 Resp: 682445

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.991 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

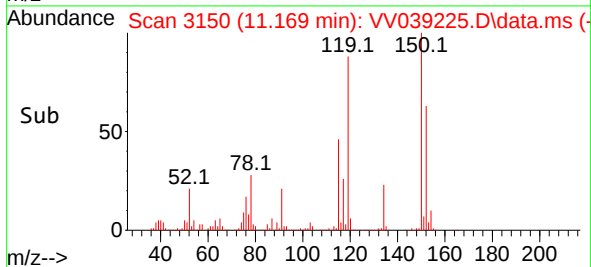
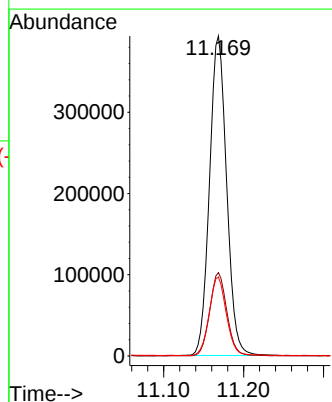
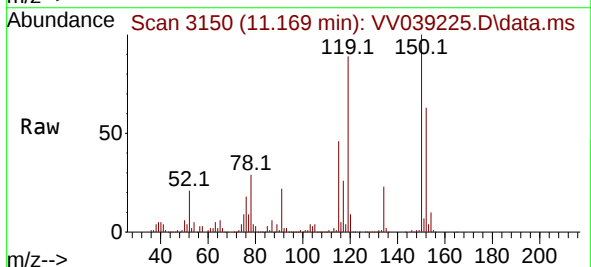
Tgt Ion:119 Resp: 584428

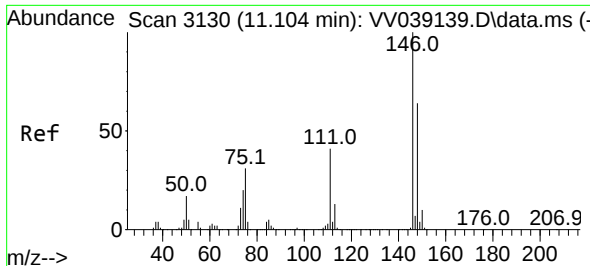
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 24.6 12.0 36.1

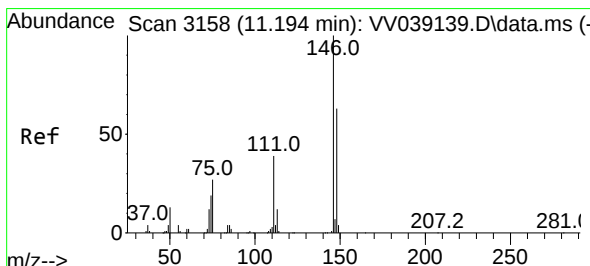
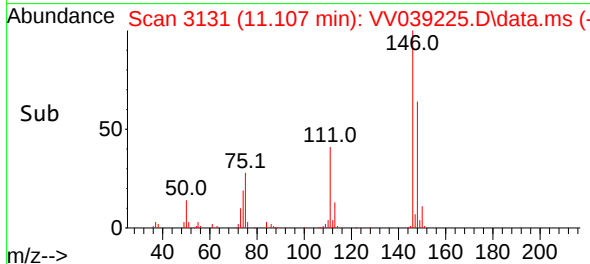
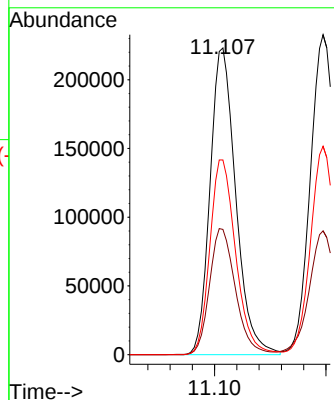
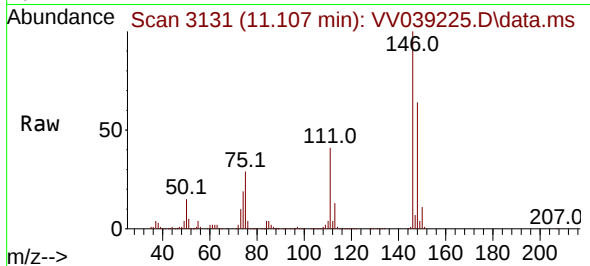




#87
 1,3-Dichlorobenzene
 Concen: 20.248 ug/l
 RT: 11.107 min Scan# 3131
 Delta R.T. 0.003 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

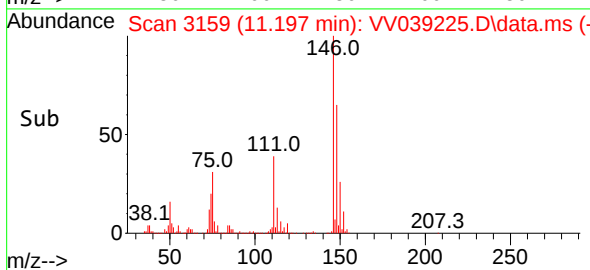
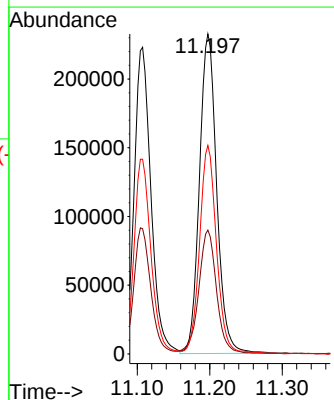
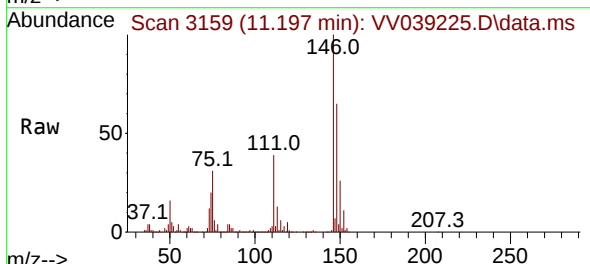
Instrument :
 MSVOA_V
 ClientSampleId :

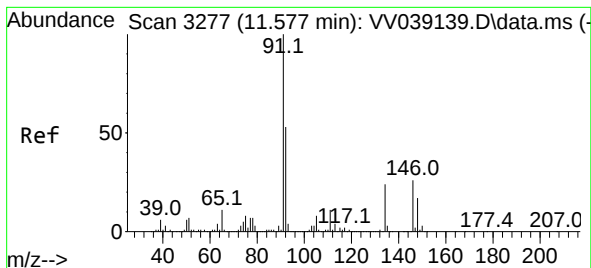
Tgt Ion:146 Resp: 357590
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.8
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.872 ug/l
 RT: 11.197 min Scan# 3159
 Delta R.T. 0.003 min
 Lab File: VV039225.D
 Acq: 29 Sep 2025 12:45

Tgt Ion:146 Resp: 385021
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 63.5 31.4 94.2





#89

n-Butylbenzene

Concen: 18.151 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

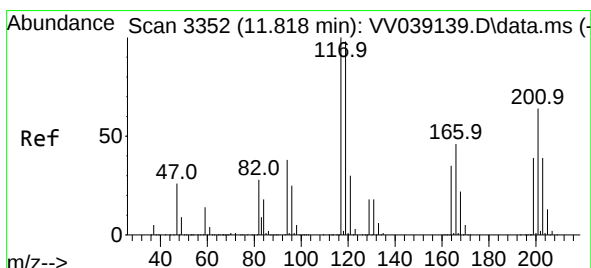
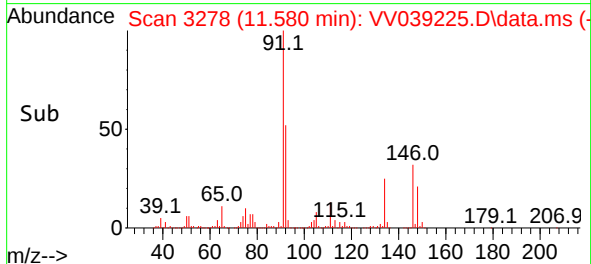
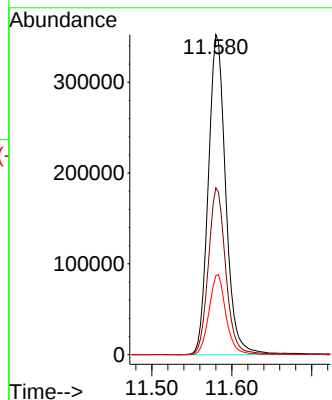
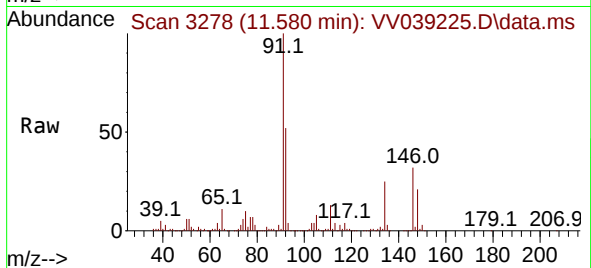
Tgt Ion: 91 Resp: 533471

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

134 24.4 12.1 36.3



#90

Hexachloroethane

Concen: 17.709 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039225.D

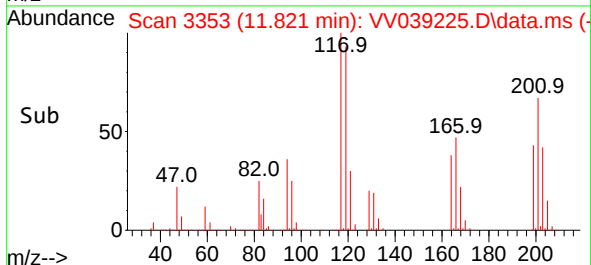
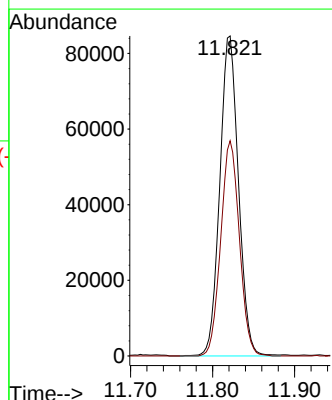
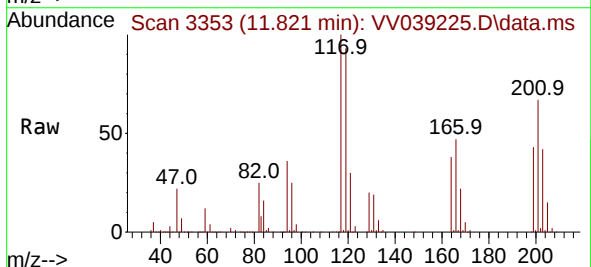
Acq: 29 Sep 2025 12:45

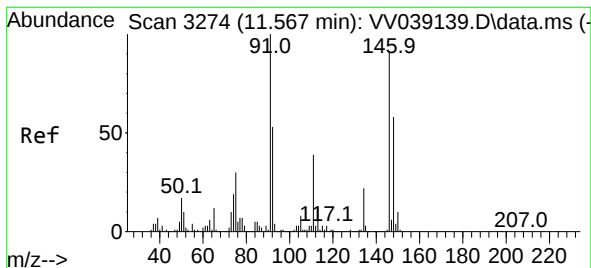
Tgt Ion: 117 Resp: 134203

Ion Ratio Lower Upper

117 100

201 67.1 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 20.419 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

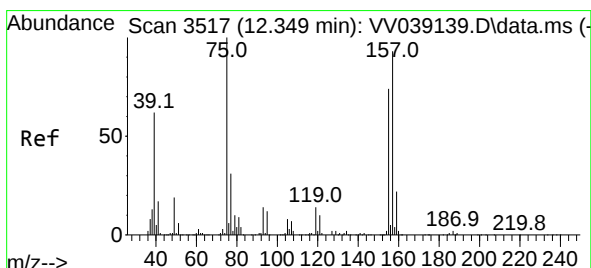
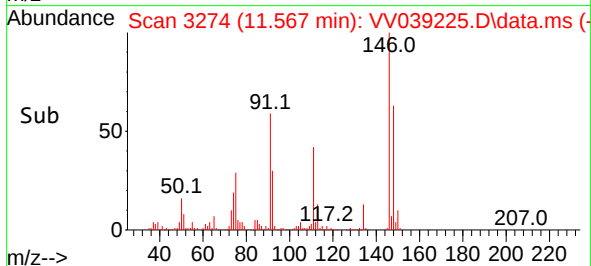
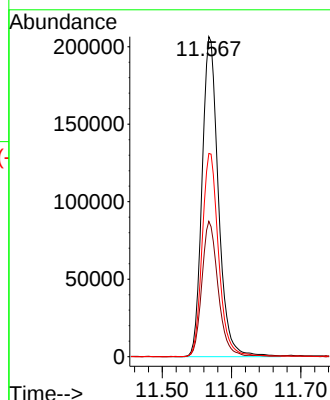
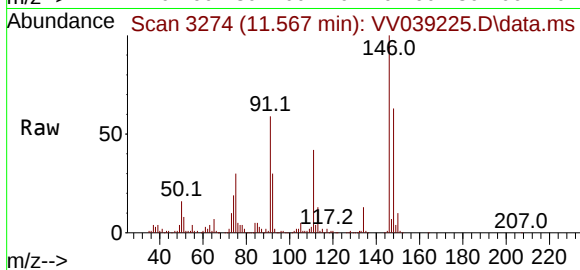
Tgt Ion:146 Resp: 336911

Ion Ratio Lower Upper

146 100

111 42.4 21.5 64.5

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.551 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

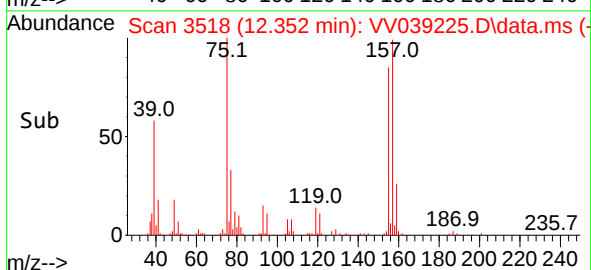
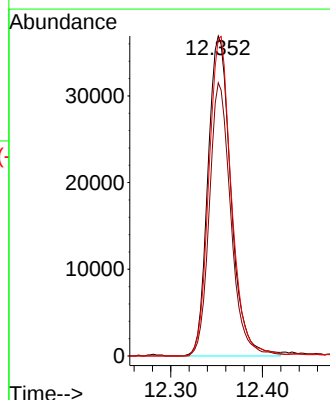
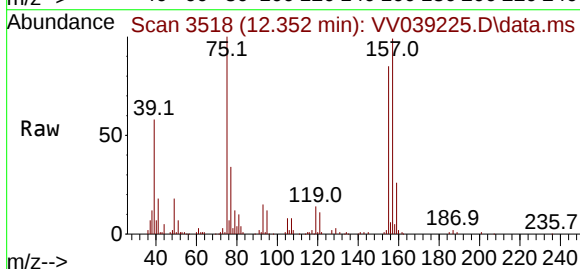
Tgt Ion: 75 Resp: 64247

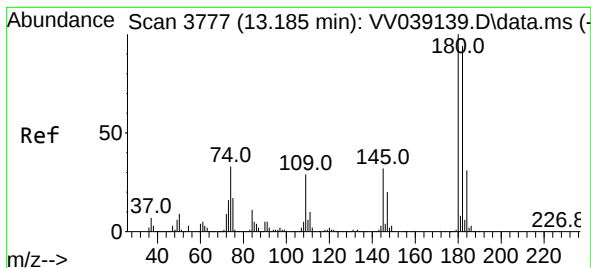
Ion Ratio Lower Upper

75 100

155 79.8 38.6 115.8

157 97.6 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 20.443 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

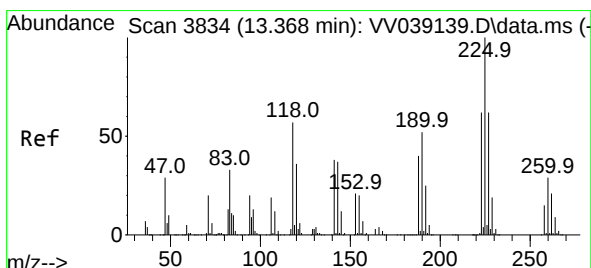
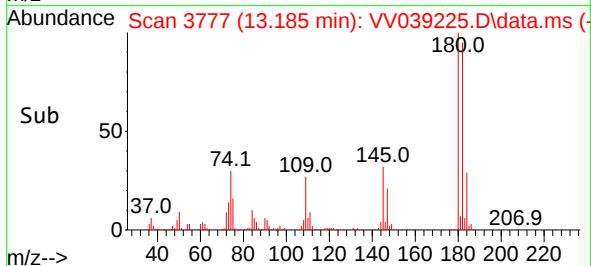
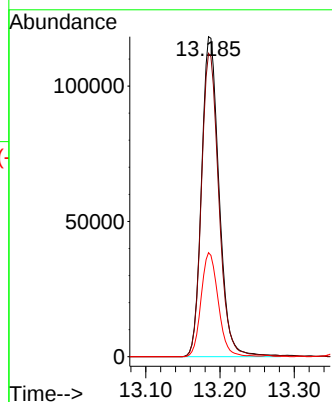
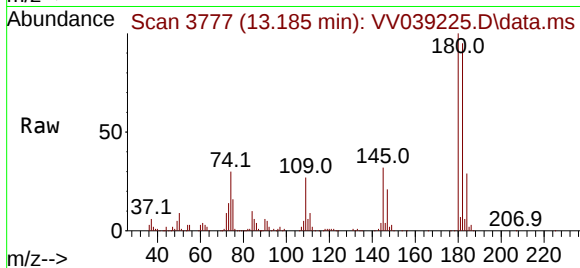
Tgt Ion:180 Resp: 193354

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.4

145 31.9 16.3 48.8



#94

Hexachlorobutadiene

Concen: 16.980 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

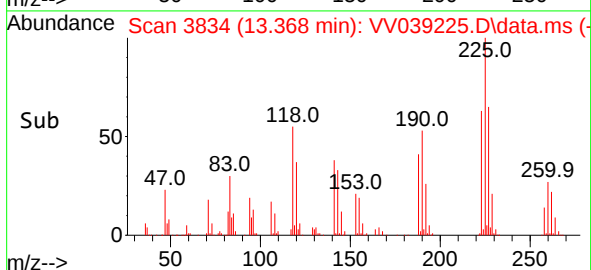
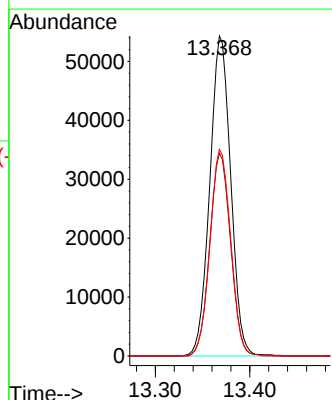
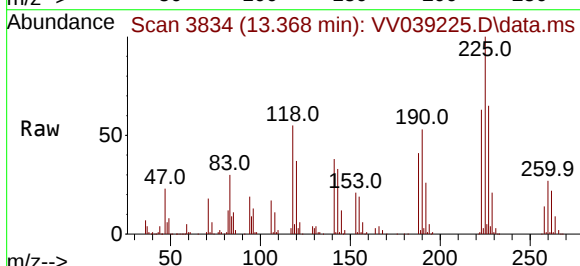
Tgt Ion:225 Resp: 83447

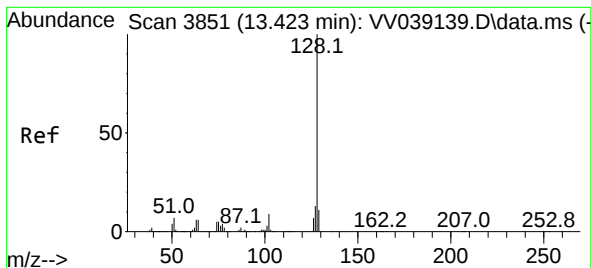
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.7

227 63.9 31.8 95.4





#95

Naphthalene

Concen: 20.753 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039225.D

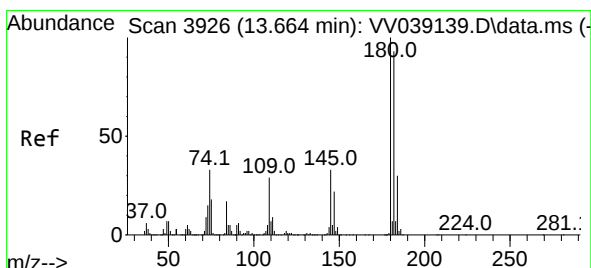
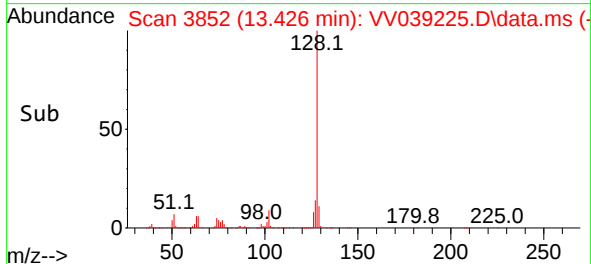
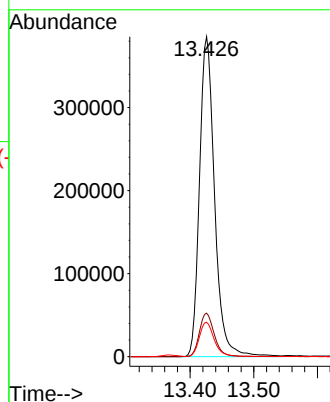
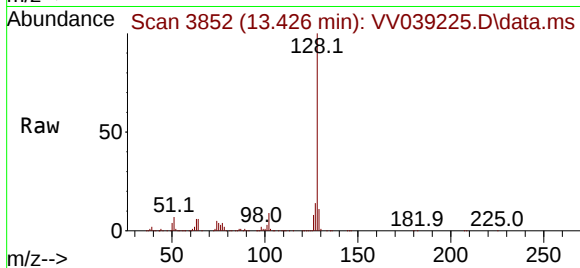
Acq: 29 Sep 2025 12:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	634424
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.6	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.691 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039225.D

Acq: 29 Sep 2025 12:45

Tgt Ion:	180	Resp:	200154
Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.8
145	34.3	17.0	51.0

