

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039139.D
 Acq On : 22 Sep 2025 13:26
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 24 07:23:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	563410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	894173	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	863906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	516167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	363821	44.618	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	89.240%		
35) Dibromofluoromethane	4.497	113	337386	46.935	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	93.860%		
50) Toluene-d8	7.233	98	1016135	48.130	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	96.260%		
62) 4-Bromofluorobenzene	9.998	95	453081	52.130	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	104.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	416798	46.733	ug/l	100
3) Chloromethane	1.230	50	433999	45.329	ug/l	100
4) Vinyl Chloride	1.298	62	470936	45.944	ug/l	100
5) Bromomethane	1.494	94	286332	44.312	ug/l	100
6) Chloroethane	1.558	64	300232	49.734	ug/l	100
7) Trichlorofluoromethane	1.725	101	672325	45.304	ug/l	100
8) Diethyl Ether	1.918	74	251813	45.707	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	395615	44.803	ug/l	100
10) Methyl Iodide	2.195	142	442822	52.662	ug/l	100
11) Tert butyl alcohol	2.564	59	385746	223.826	ug/l	100
12) 1,1-Dichloroethene	2.082	96	379710	44.700	ug/l	100
13) Acrolein	2.008	56	74486	249.076	ug/l	100
14) Allyl chloride	2.355	41	700342	46.154	ug/l	100
15) Acrylonitrile	2.671	53	1228907	222.439	ug/l	100
16) Acetone	2.118	43	1265424	251.263	ug/l	100
17) Carbon Disulfide	2.253	76	1172348	45.126	ug/l	100
18) Methyl Acetate	2.378	43	553676	45.827	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1258060	46.476	ug/l	100
20) Methylene Chloride	2.455	84	439142	49.828	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	407938	45.109	ug/l	100
22) Diisopropyl ether	3.214	45	1419527	48.895	ug/l	100
23) Vinyl Acetate	3.185	43	6209687	244.506	ug/l	100
24) 1,1-Dichloroethane	3.114	63	781832	44.037	ug/l	100
25) 2-Butanone	3.860	43	1650213	257.105	ug/l	100
26) 2,2-Dichloropropane	3.806	77	698283	44.534	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	488972	49.026	ug/l	100
28) Bromochloromethane	4.143	49	382640	48.820	ug/l	100
29) Tetrahydrofuran	4.230	42	1039169	254.258	ug/l	100
30) Chloroform	4.275	83	839217	45.268	ug/l	100
31) Cyclohexane	4.580	56	701482	48.232	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	731030	45.547	ug/l	100
36) 1,1-Dichloropropene	4.741	75	554798	50.680	ug/l	100
37) Ethyl Acetate	3.970	43	638131	47.519	ug/l	100
38) Carbon Tetrachloride	4.732	117	628516	47.666	ug/l	100
39) Methylcyclohexane	6.043	83	736231	56.095	ug/l	100
40) Benzene	5.005	78	1779301	50.276	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	295316	49.541	ug/l	100
42) 1,2-Dichloroethane	5.037	62	595216	48.000	ug/l	100
43) Isopropyl Acetate	5.188	43	956288	51.691	ug/l	100
44) Trichloroethene	5.828	130	414171	50.715	ug/l	100
45) 1,2-Dichloropropane	6.085	63	448750	51.014	ug/l	100
46) Dibromomethane	6.220	93	329073	48.876	ug/l	100
47) Bromodichloromethane	6.423	83	673646	48.398	ug/l	100
48) Methyl methacrylate	6.291	41	450230	53.193	ug/l	100
49) 1,4-Dioxane	6.288	88	133834	1006.069	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	3273840	276.753	ug/l	100
52) Toluene	7.304	92	1099325	53.574	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	650976	53.666	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	725015	54.142	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	441822	48.020	ug/l	100
56) Ethyl methacrylate	7.712	69	640636	58.632	ug/l	100
57) 1,3-Dichloropropane	7.931	76	733341	50.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1579407	255.700	ug/l	100
59) 2-Hexanone	8.059	43	2441880	255.630	ug/l	100
60) Dibromochloromethane	8.165	129	507043	48.365	ug/l	100
61) 1,2-Dibromoethane	8.272	107	473037	50.273	ug/l	100
64) Tetrachloroethene	7.895	164	356209	49.227	ug/l	100
65) Chlorobenzene	8.802	112	1194769	49.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	421762	48.507	ug/l	100
67) Ethyl Benzene	8.934	91	2057558	56.487	ug/l	100
68) m/p-Xylenes	9.059	106	1639130	116.591	ug/l	100
69) o-Xylene	9.468	106	730558	58.688	ug/l	100
70) Styrene	9.484	104	1341298	50.845	ug/l	100
71) Bromoform	9.651	173	341871	50.337	ug/l	100
73) Isopropylbenzene	9.854	105	2033373	54.313	ug/l	100
74) N-amyl acetate	9.722	43	863632	57.833	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	735590	44.844	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	541552	46.080	ug/l	100
77) Bromobenzene	10.140	156	477608	49.171	ug/l	100
78) n-propylbenzene	10.275	91	2528458	55.461	ug/l	100
79) 2-Chlorotoluene	10.345	91	1462530	53.612	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1748435	56.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	255259	52.143	ug/l	100
82) 4-Chlorotoluene	10.461	91	1722899	54.466	ug/l	100
83) tert-Butylbenzene	10.789	119	1663245	53.602	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1743425	57.709	ug/l	100
85) sec-Butylbenzene	11.011	105	2252781	54.737	ug/l	100
86) p-Isopropyltoluene	11.165	119	1900412	55.479	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	958701	48.769	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	998426	45.957	ug/l	100
89) n-Butylbenzene	11.577	91	1864844	57.003	ug/l	100
90) Hexachloroethane	11.818	117	375818	44.553	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	897135	48.848	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	147329	49.928	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	555323	52.747	ug/l	100
94) Hexachlorobutadiene	13.368	225	247695	45.279	ug/l	100
95) Naphthalene	13.423	128	1968567	58.135	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	571563	53.081	ug/l	100

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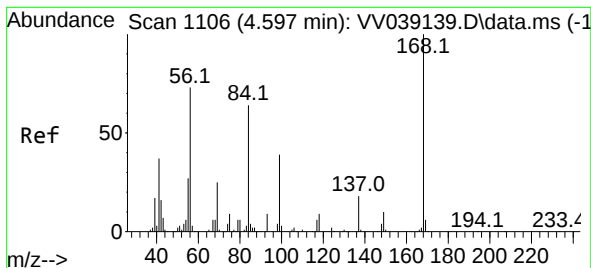
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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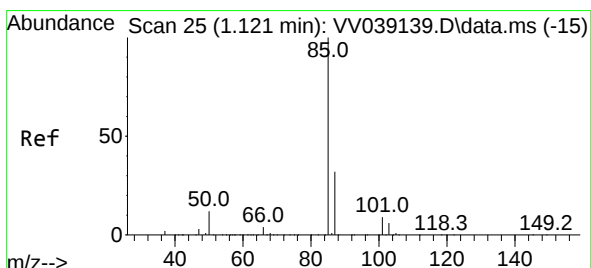
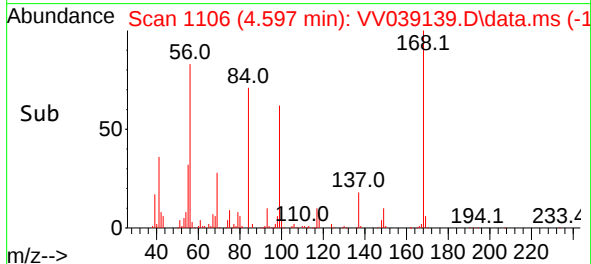
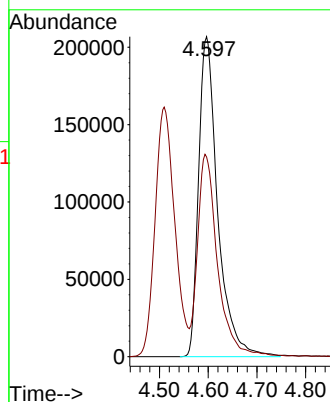
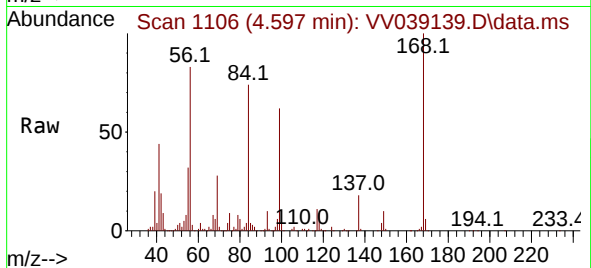




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.000 min
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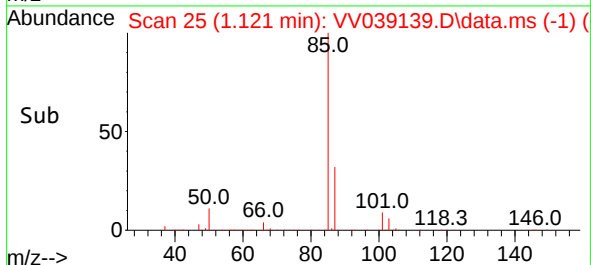
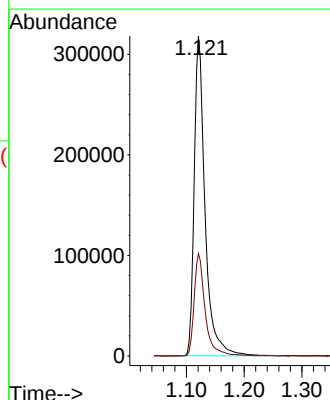
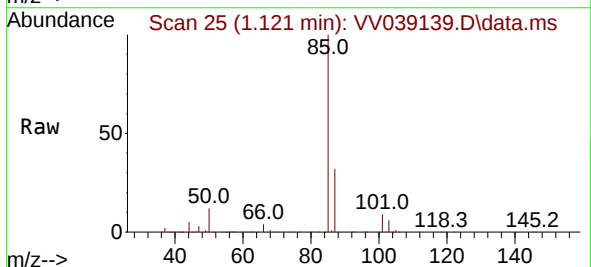
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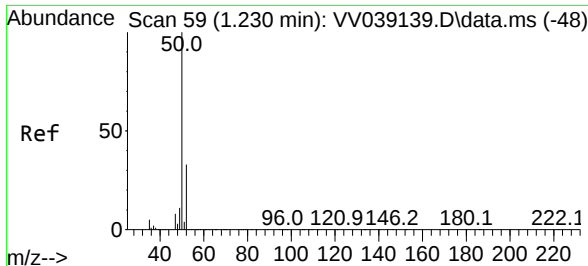
Tgt Ion:168 Resp: 563410
Ion Ratio Lower Upper
168 100
99 62.0 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 46.733 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 85 Resp: 416798
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9

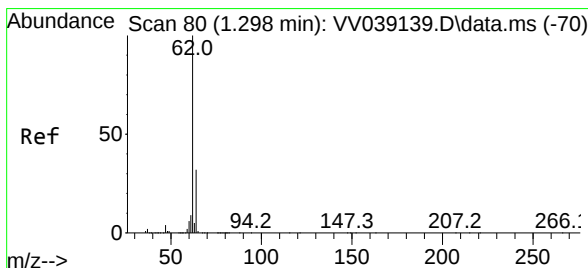
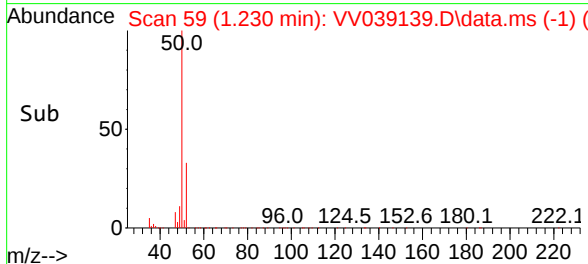
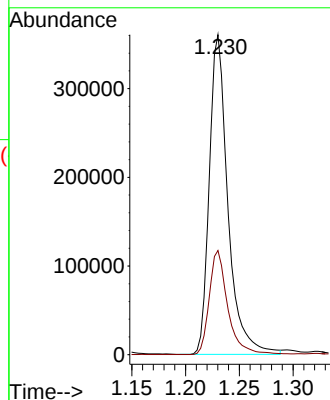
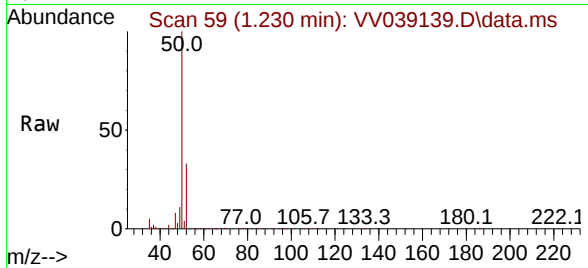




#3
Chloromethane
Concen: 45.329 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039139.D
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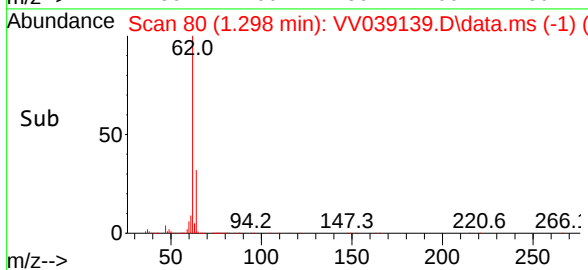
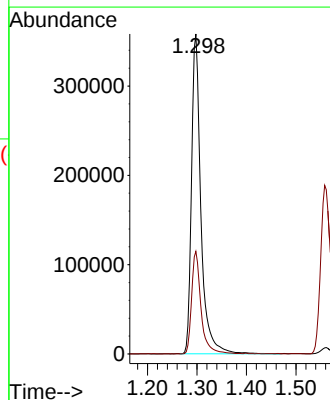
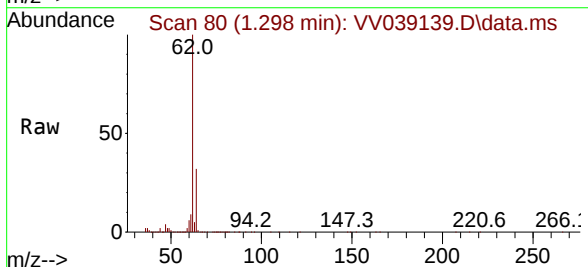
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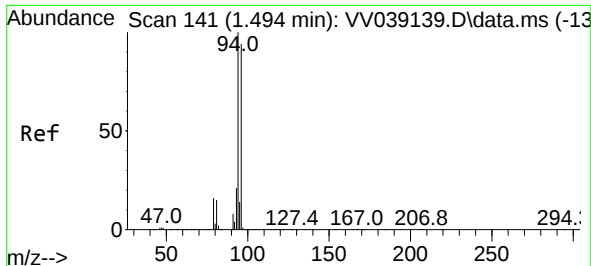
Tgt Ion: 50 Resp: 433999
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 45.944 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 62 Resp: 470936
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

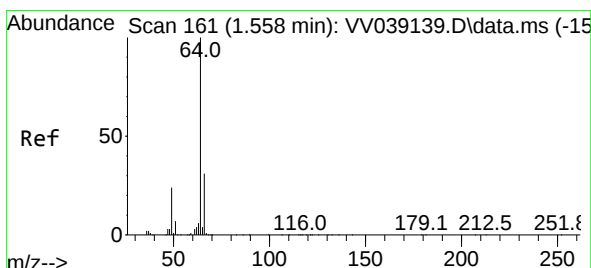
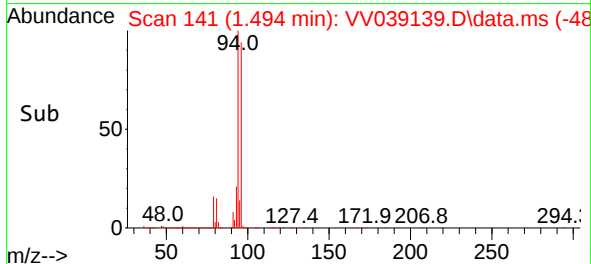
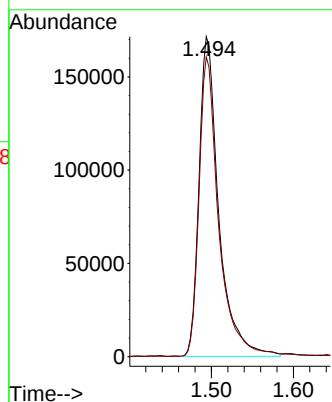
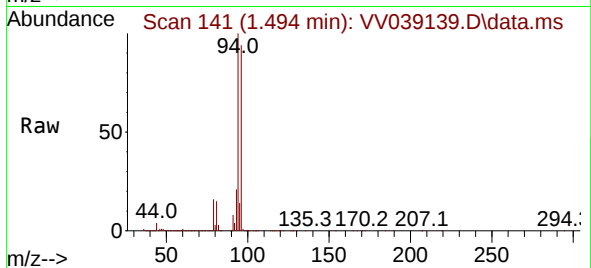




#5
Bromomethane
Concen: 44.312 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

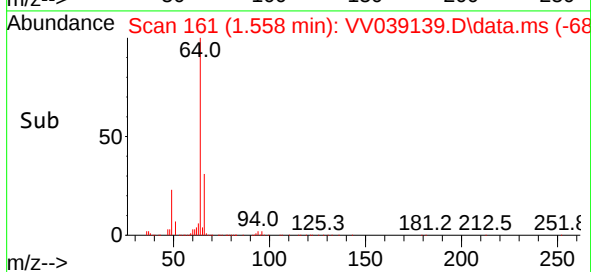
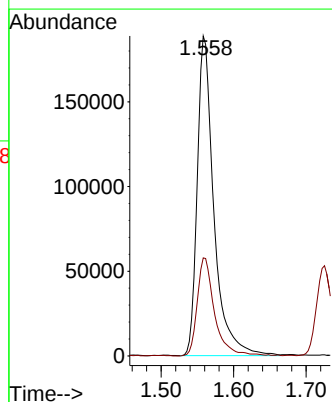
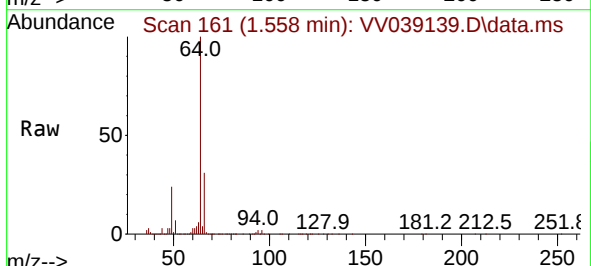
Instrument :
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Tgt Ion: 94 Resp: 286332
Ion Ratio Lower Upper
94 100
96 93.6 74.9 112.3



#6
Chloroethane
Concen: 49.734 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 64 Resp: 300232
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

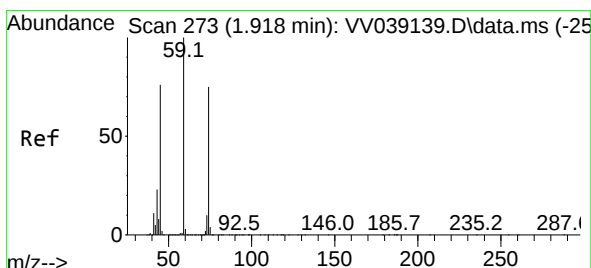
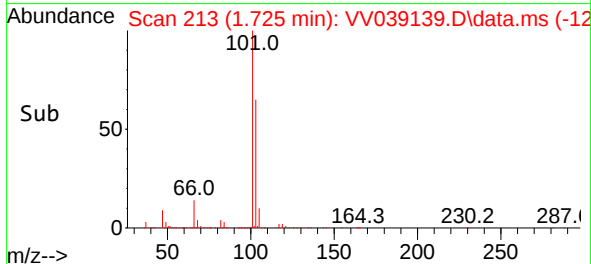
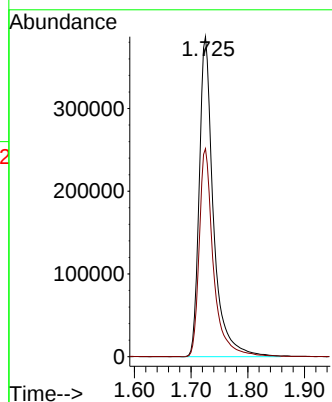
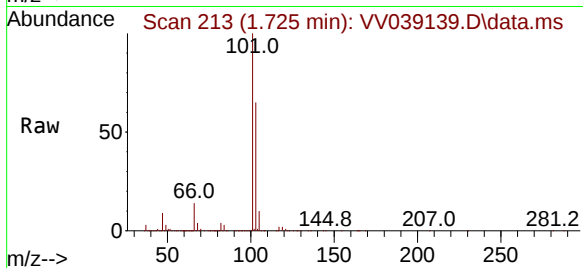




#7
Trichlorofluoromethane
Concen: 45.304 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039139.D
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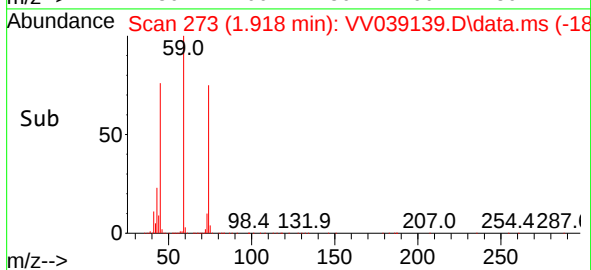
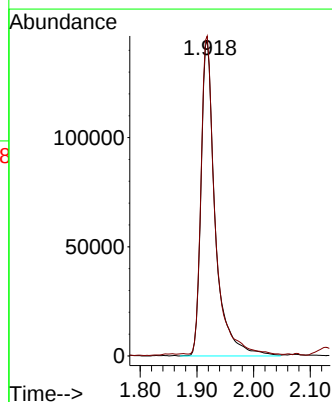
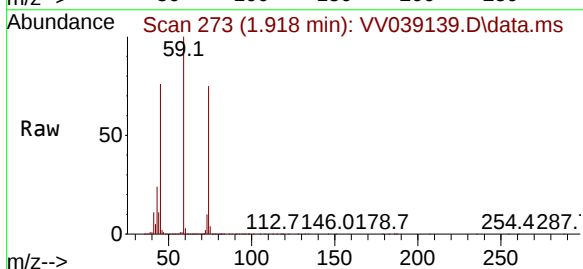
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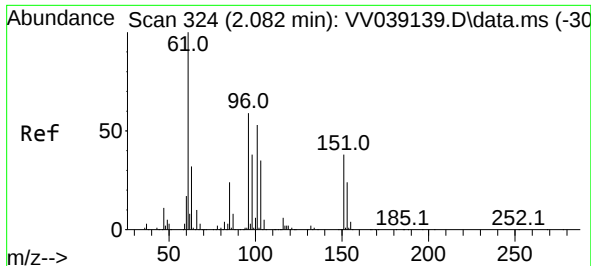
Tgt Ion:101 Resp: 672325
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0



#8
Diethyl Ether
Concen: 45.707 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 74 Resp: 251813
Ion Ratio Lower Upper
74 100
45 99.2 49.6 148.8

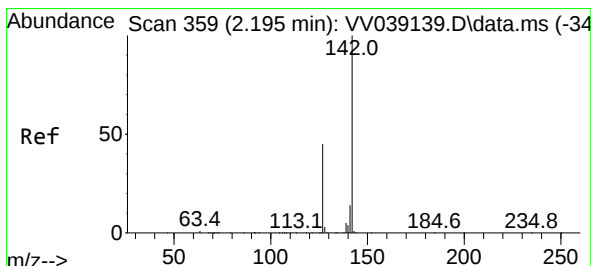
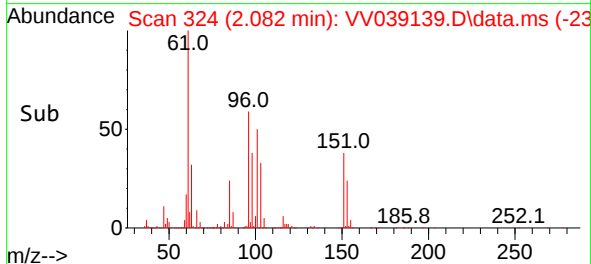
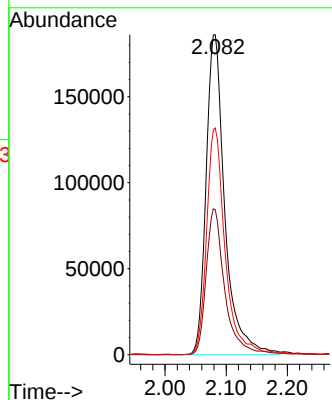
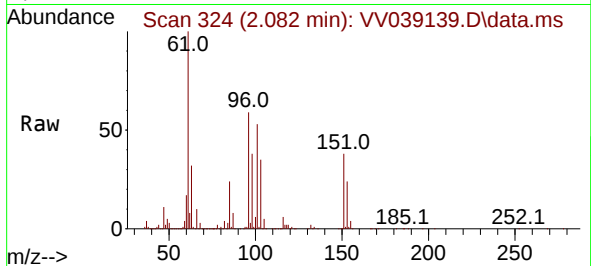




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.803 ug/l
RT: 2.082 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039139.D
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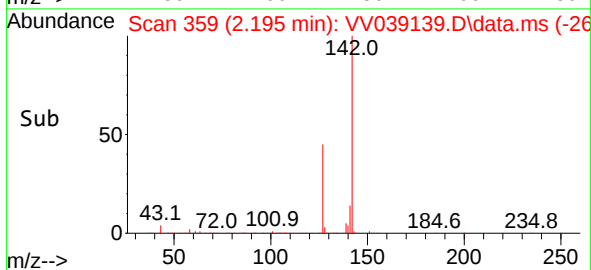
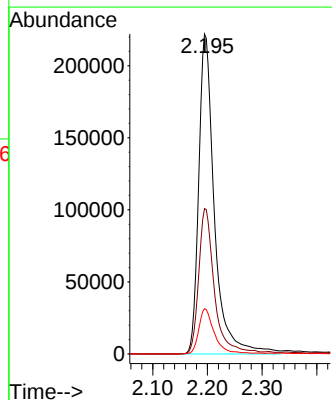
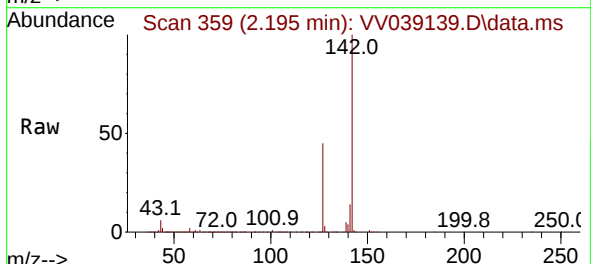
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

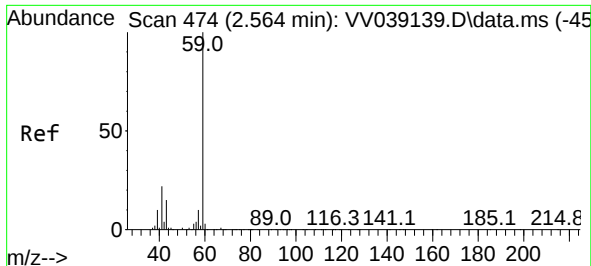
Tgt Ion:101 Resp: 395615
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 70.4 56.3 84.5



#10
Methyl Iodide
Concen: 52.662 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:142 Resp: 442822
Ion Ratio Lower Upper
142 100
127 45.4 36.3 54.5
141 14.0 11.2 16.8

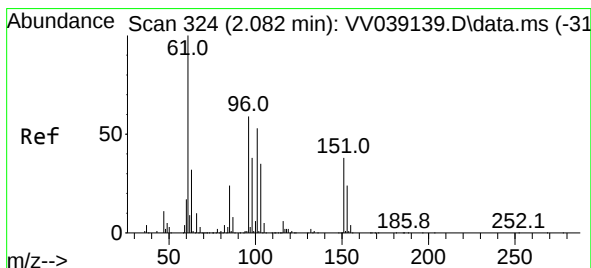
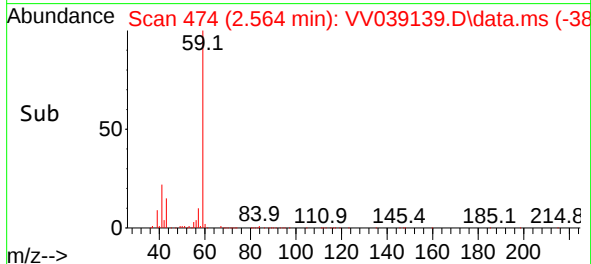
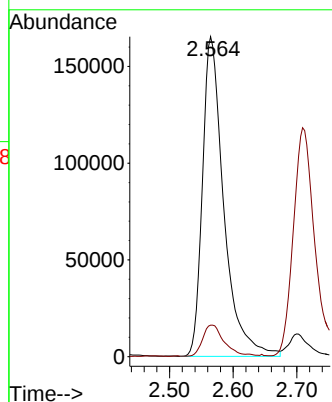
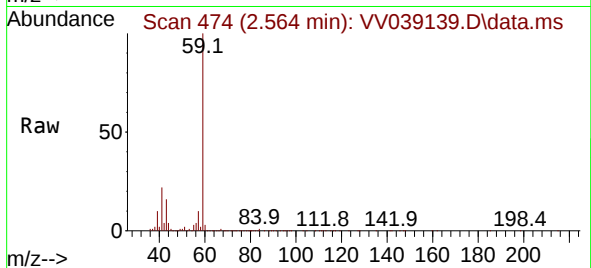




#11
Tert butyl alcohol
Concen: 223.826 ug/l
RT: 2.564 min Scan# 474
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

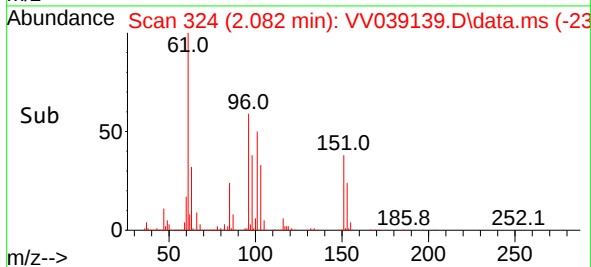
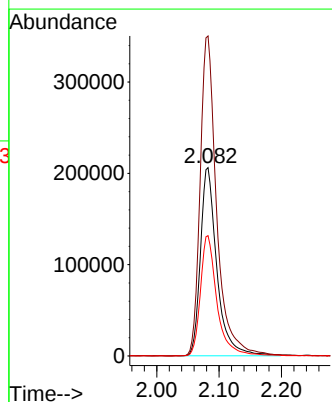
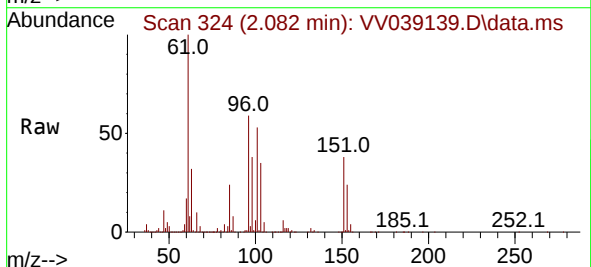
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 385746
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 44.700 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 96 Resp: 379710
Ion Ratio Lower Upper
96 100
61 170.0 136.0 204.0
98 63.8 51.0 76.6

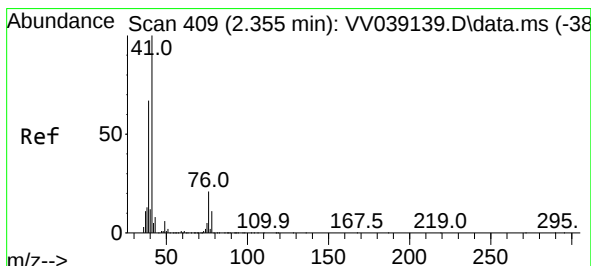
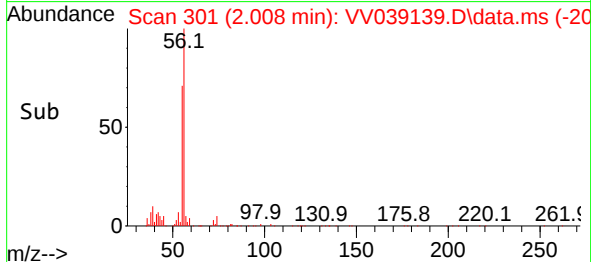
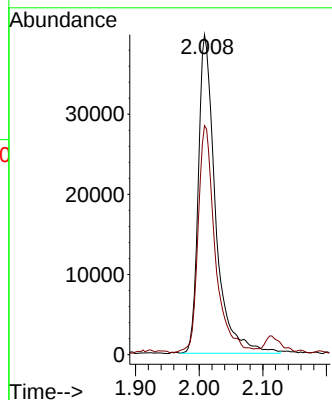
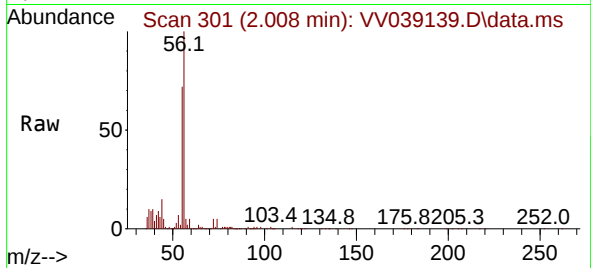




#13
Acrolein
Concen: 249.076 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

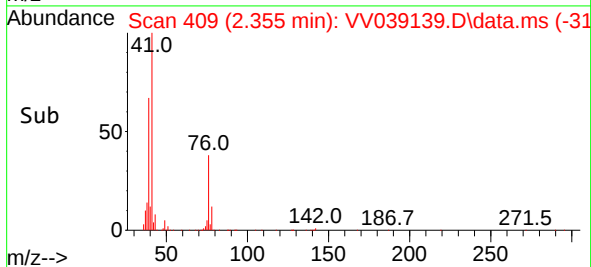
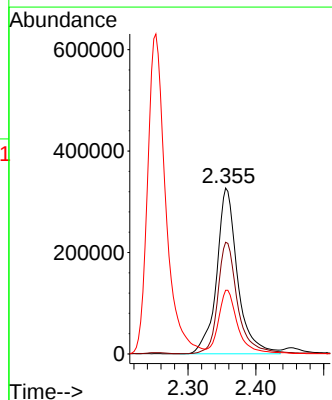
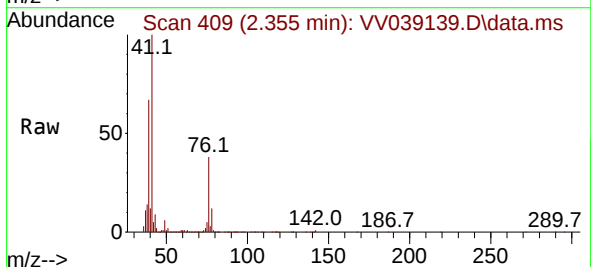
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 74486
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4



#14
Allyl chloride
Concen: 46.154 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 41 Resp: 700342
Ion Ratio Lower Upper
41 100
39 63.8 51.0 76.6
76 35.3 28.2 42.4



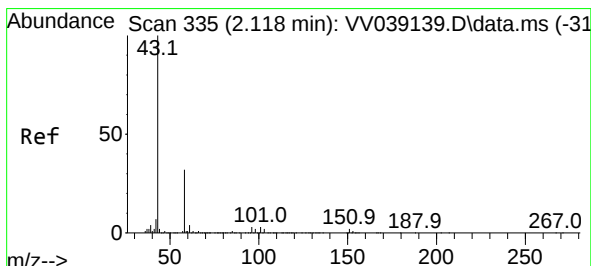
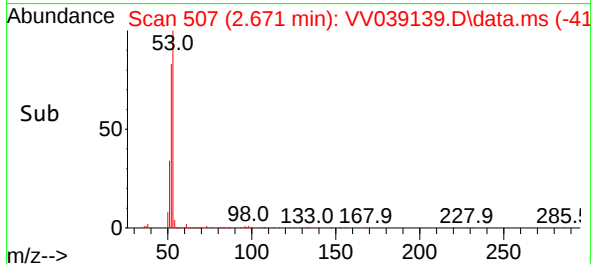
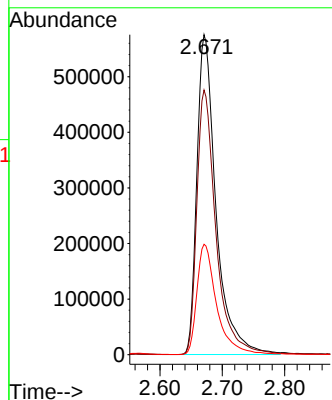
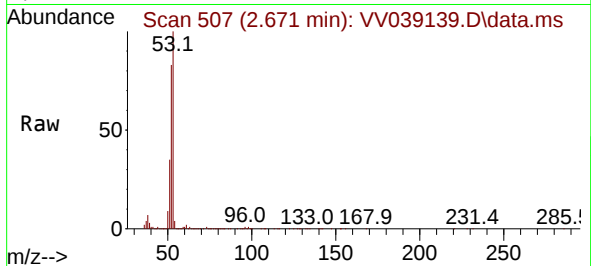


#15
Acrylonitrile
Concen: 222.439 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 1228907

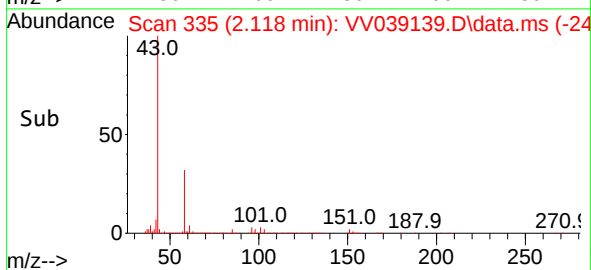
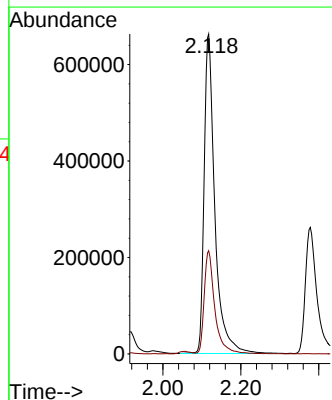
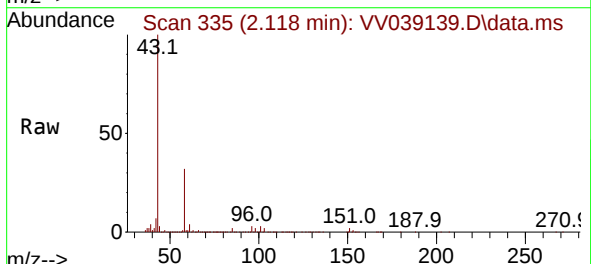
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	35.6	28.5	42.7

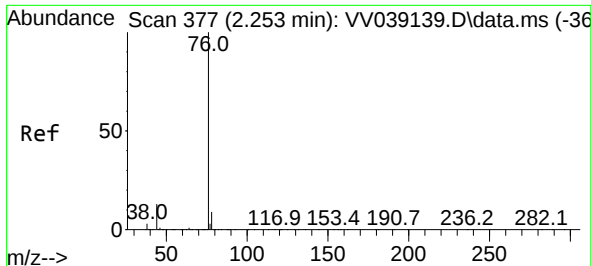


#16
Acetone
Concen: 251.263 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 43 Resp: 1265424

Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6

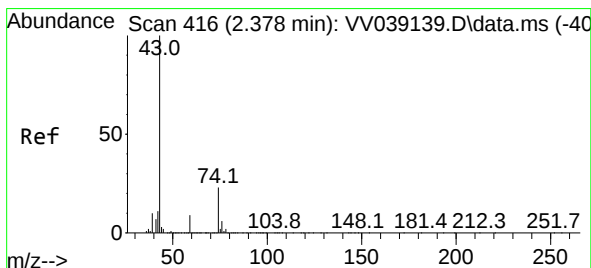
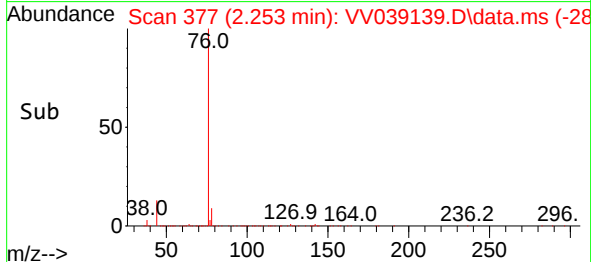
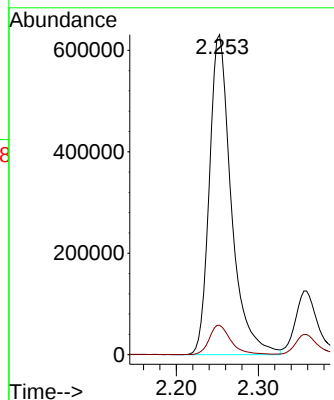
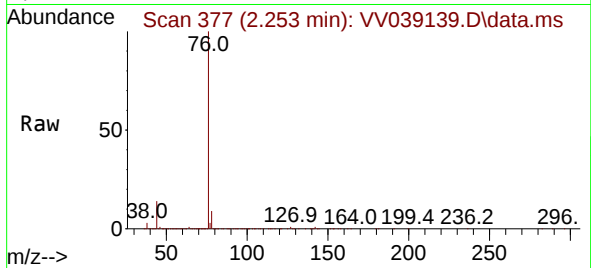




#17
Carbon Disulfide
Concen: 45.126 ug/l
RT: 2.253 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

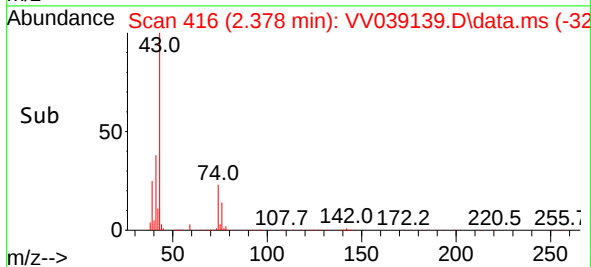
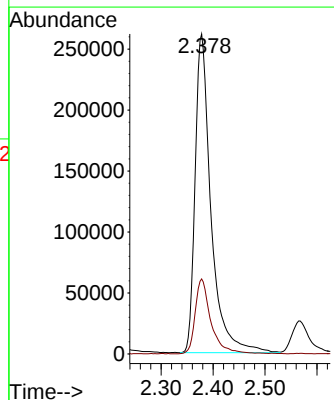
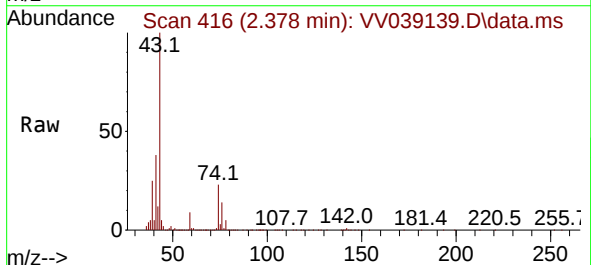
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 1172348
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 45.827 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 43 Resp: 553676
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

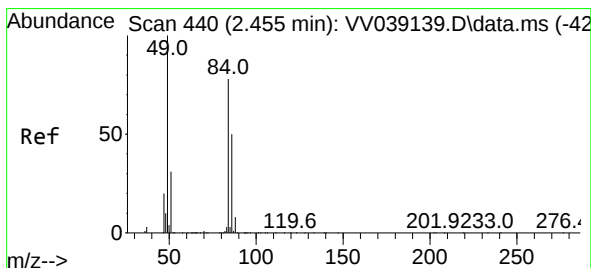
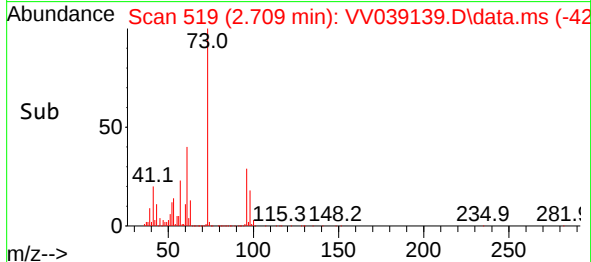
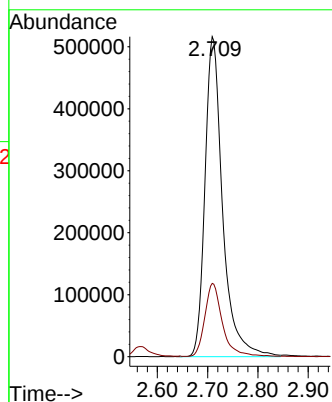
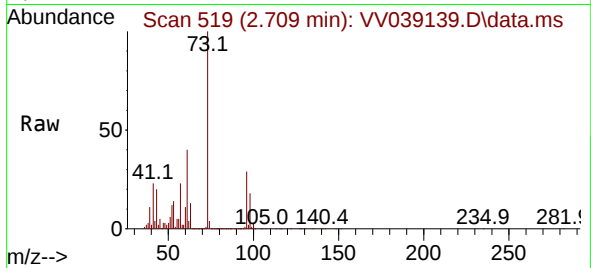




#19
Methyl tert-butyl Ether
Concen: 46.476 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

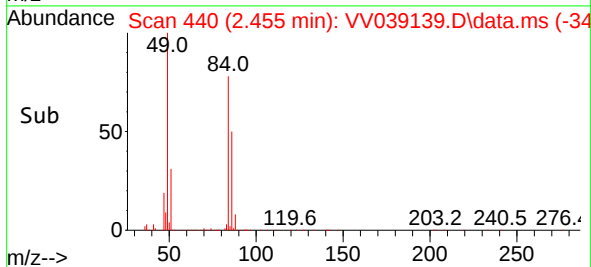
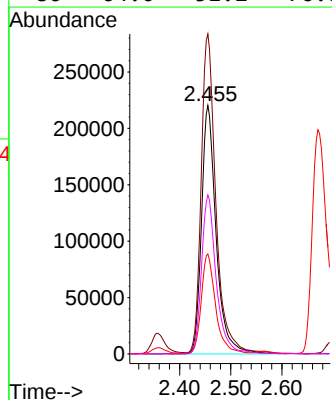
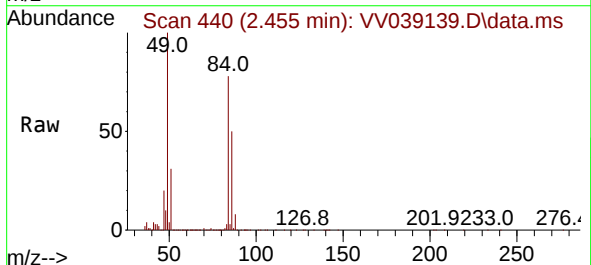
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 1258060
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 49.828 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 84 Resp: 439142
Ion Ratio Lower Upper
84 100
49 128.5 102.8 154.2
51 39.9 31.9 47.9
86 64.0 51.2 76.8

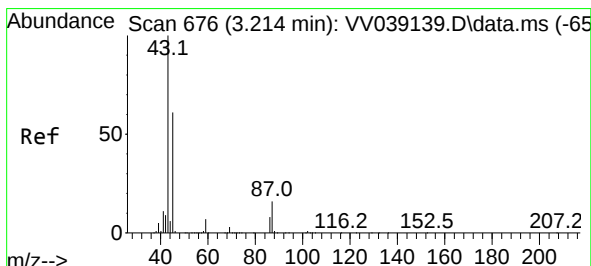
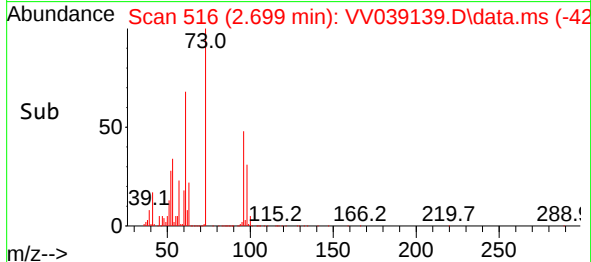
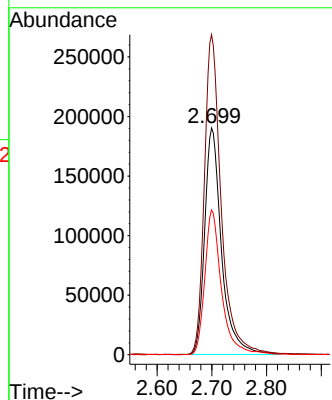
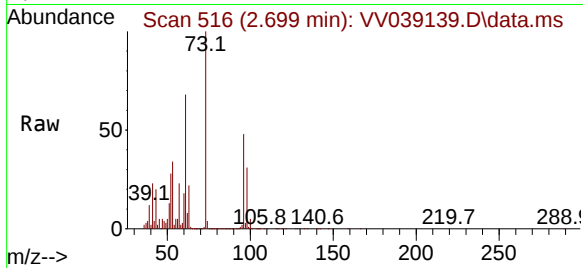




#21
trans-1,2-Dichloroethene
Concen: 45.109 ug/l
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

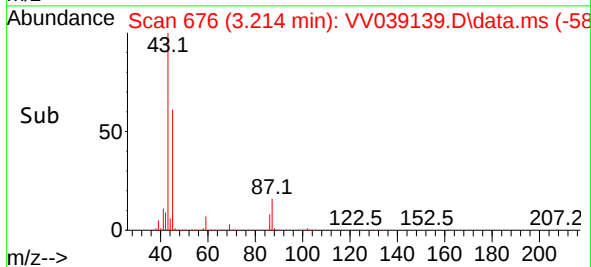
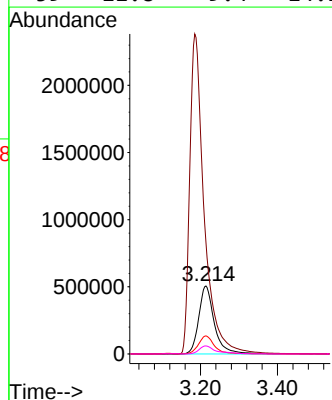
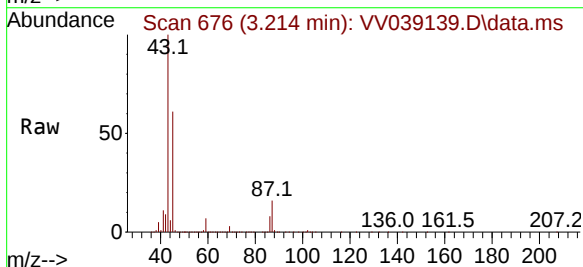
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 407938
Ion Ratio Lower Upper
96 100
61 141.0 112.8 169.2
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 48.895 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 45 Resp: 1419527
Ion Ratio Lower Upper
45 100
43 163.6 130.9 196.3
87 26.4 21.1 31.7
59 11.8 9.4 14.2

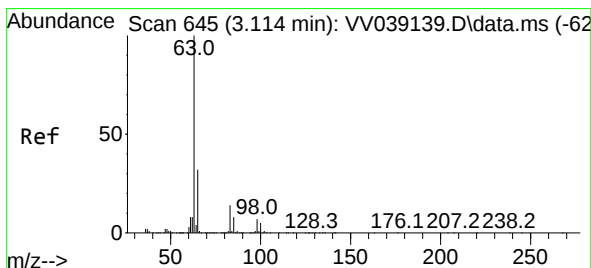
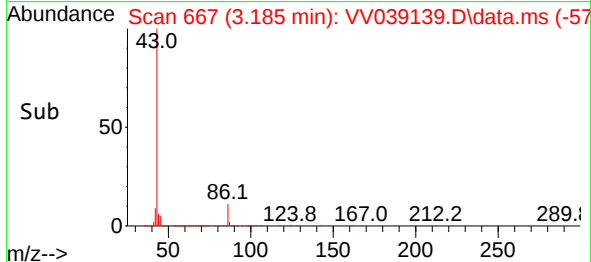
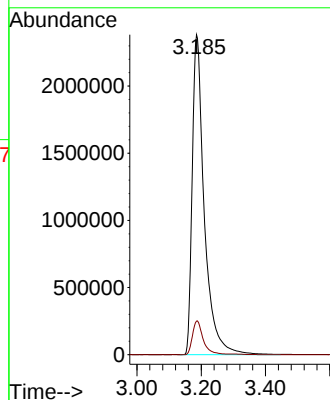
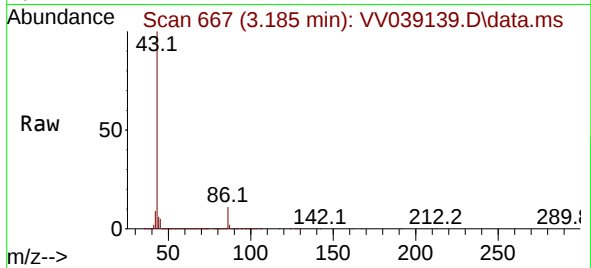




#23
 Vinyl Acetate
 Concen: 244.506 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

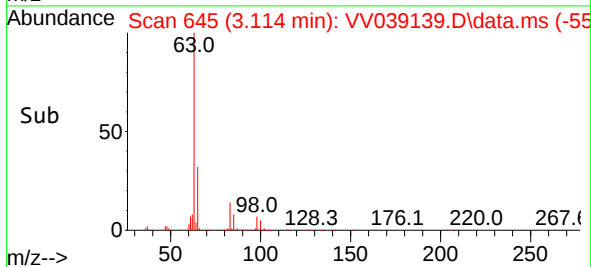
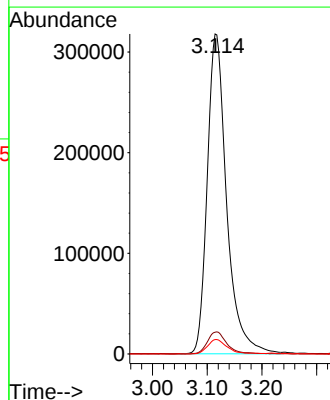
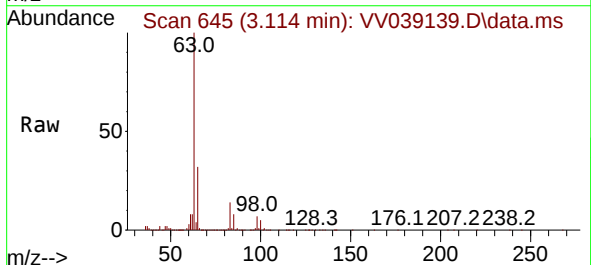
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

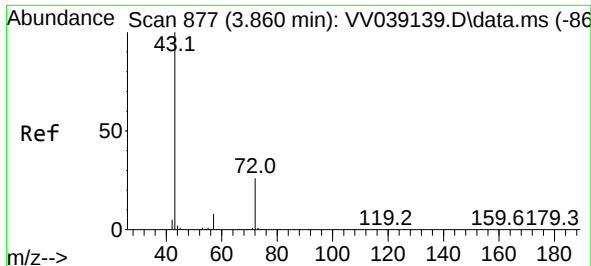
Tgt Ion: 43 Resp: 6209687
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 44.037 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

Tgt Ion: 63 Resp: 781832
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.4 2.2 6.6

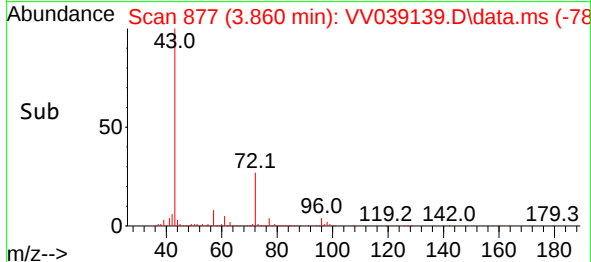
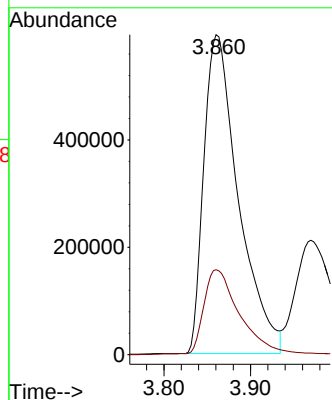
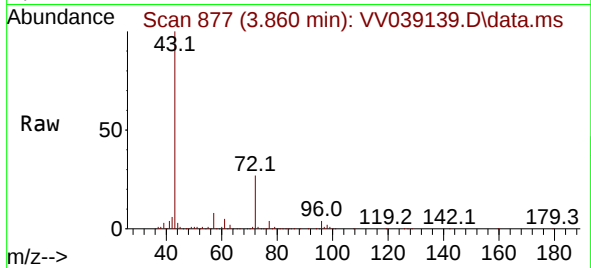




#25
2-Butanone
Concen: 257.105 ug/l
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

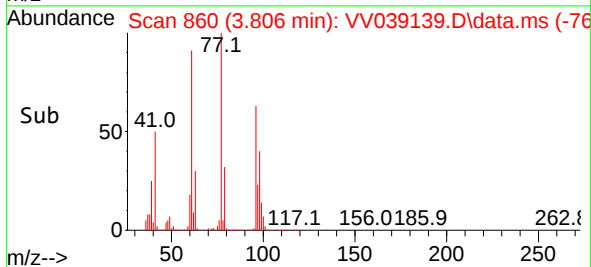
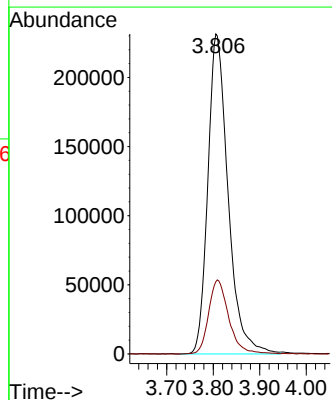
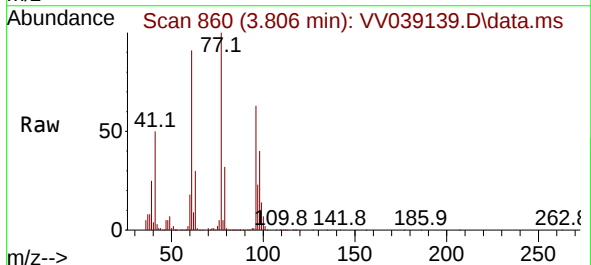
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1650213
Ion Ratio Lower Upper
43 100
72 26.3 21.0 31.6



#26
2,2-Dichloropropane
Concen: 44.534 ug/l
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 77 Resp: 698283
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7

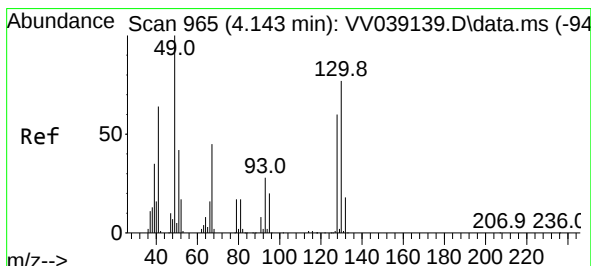
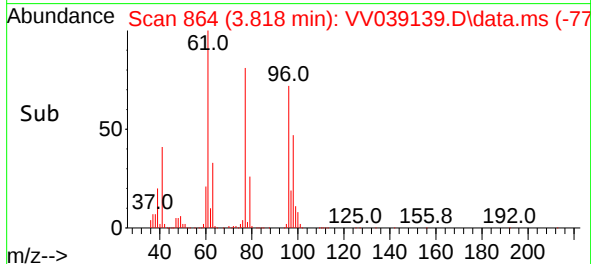
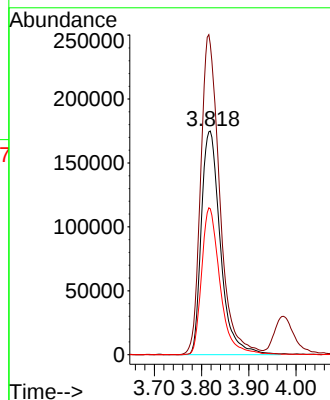
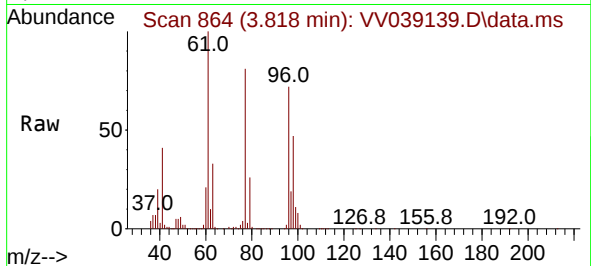




#27
 cis-1,2-Dichloroethene
 Concen: 49.026 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

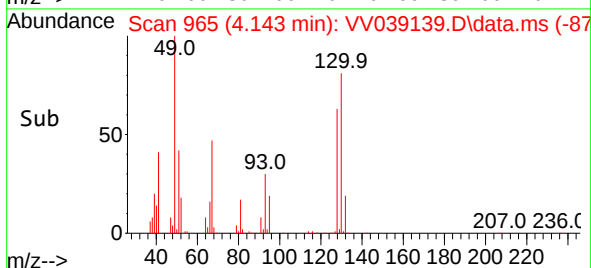
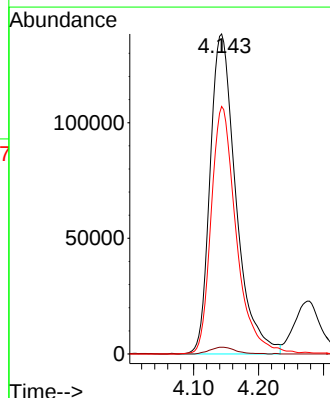
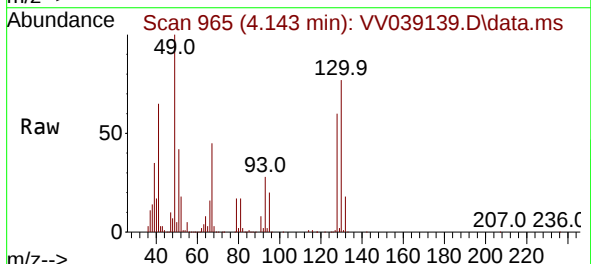
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

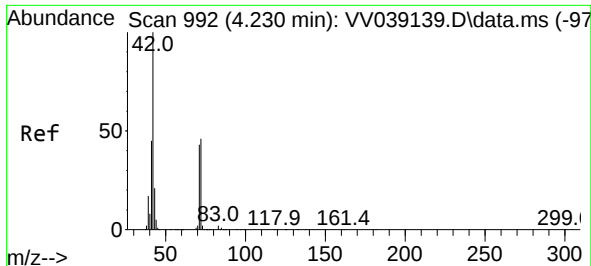
Tgt Ion: 96 Resp: 488972
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 286.4
 98 63.3 0.0 126.6



#28
 Bromochloromethane
 Concen: 48.820 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

Tgt Ion: 49 Resp: 382640
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 75.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 254.258 ug/l

RT: 4.230 min Scan# 992

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

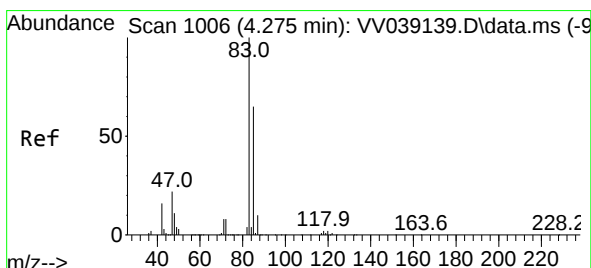
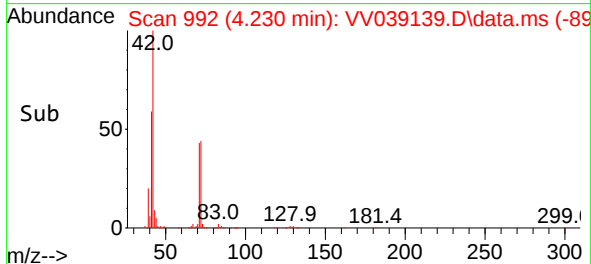
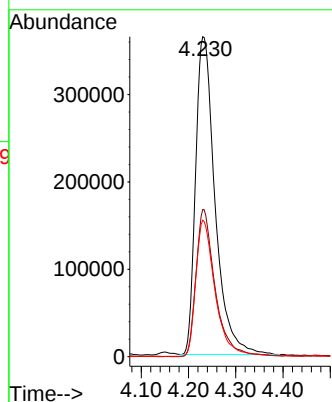
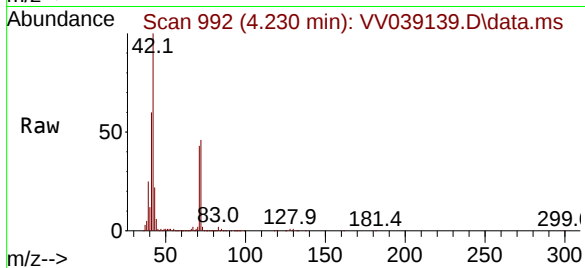
Tgt Ion: 42 Resp: 1039169

Ion Ratio Lower Upper

42 100

72 45.4 36.3 54.5

71 42.9 34.3 51.5



#30

Chloroform

Concen: 45.268 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV039139.D

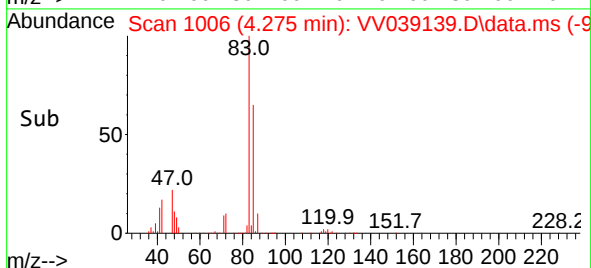
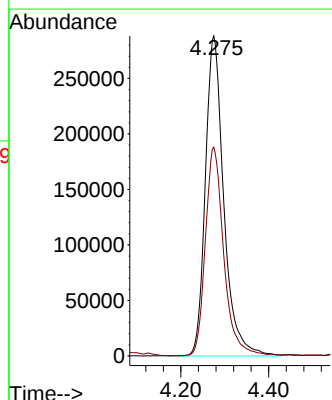
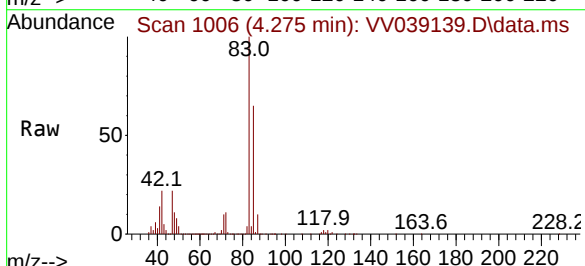
Acq: 22 Sep 2025 13:26

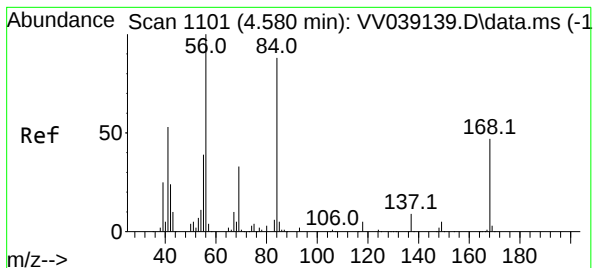
Tgt Ion: 83 Resp: 839217

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1





#31

Cyclohexane

Concen: 48.232 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

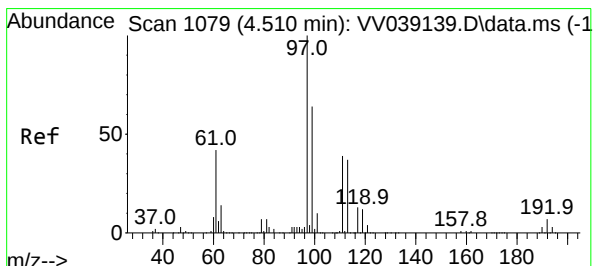
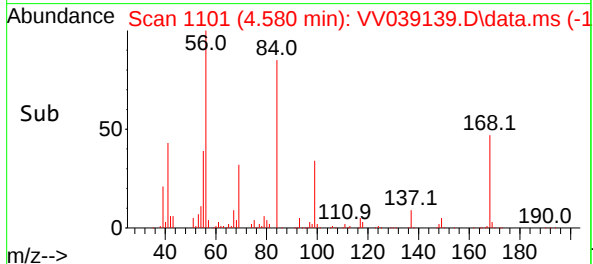
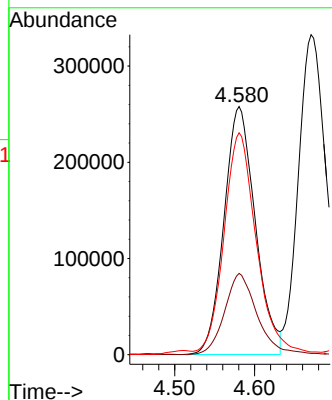
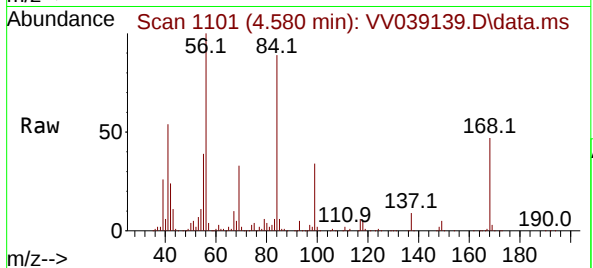
Tgt Ion: 56 Resp: 701482

Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.2

84 87.9 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 45.547 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

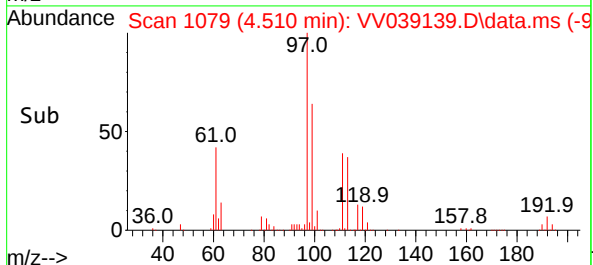
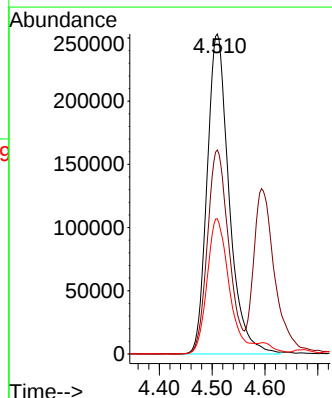
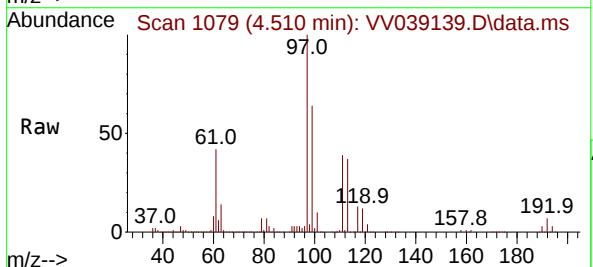
Tgt Ion: 97 Resp: 731030

Ion Ratio Lower Upper

97 100

99 62.0 49.6 74.4

61 43.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.618 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

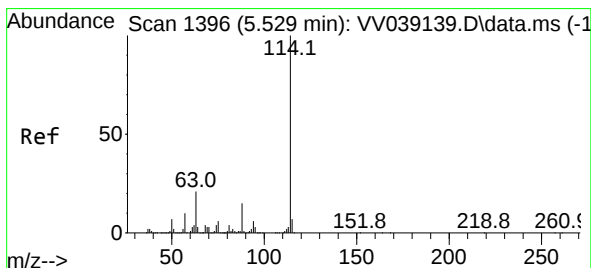
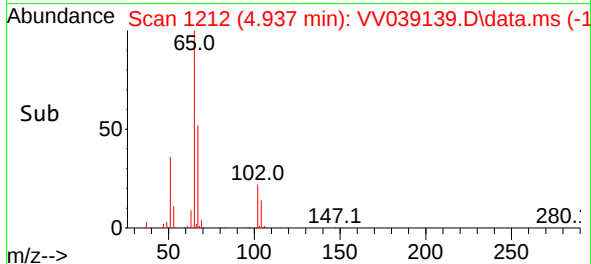
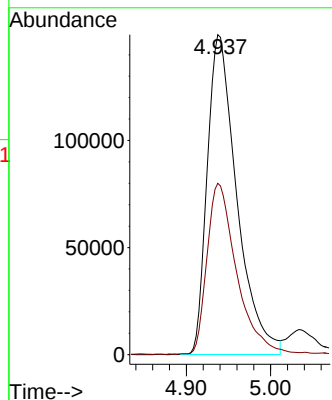
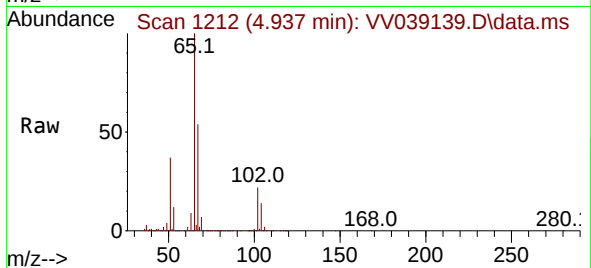
VSTDICCC050

Tgt Ion: 65 Resp: 363821

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

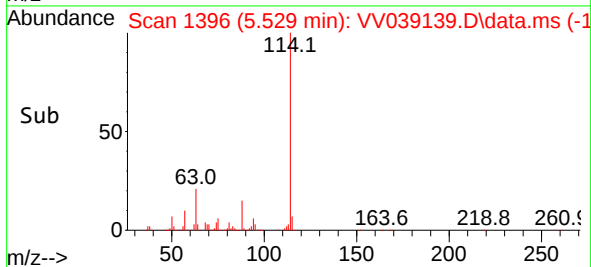
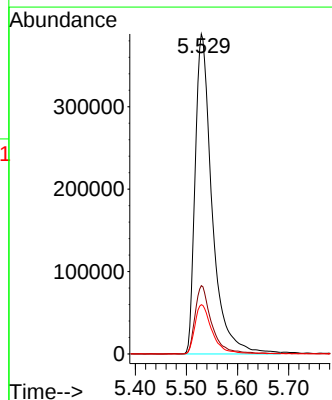
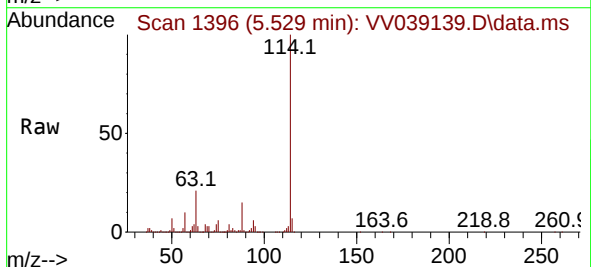
Tgt Ion: 114 Resp: 894173

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.4 0.0 30.8

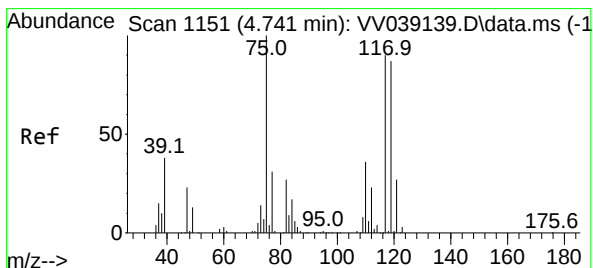
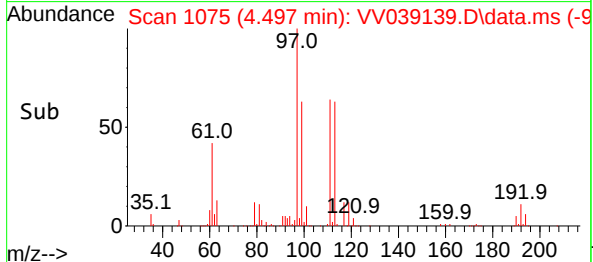
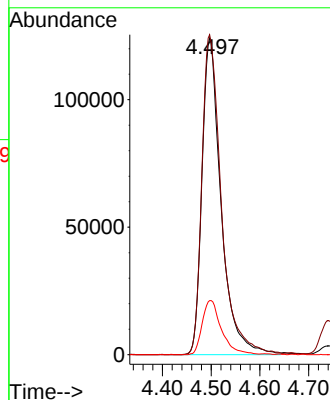
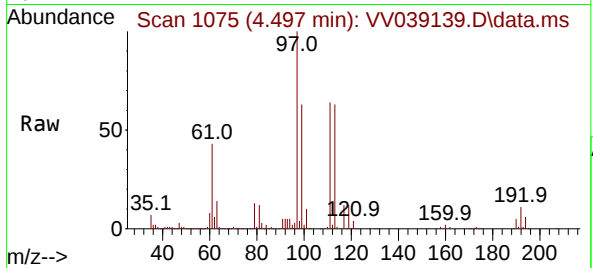




#35
Dibromofluoromethane
Concen: 46.935 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

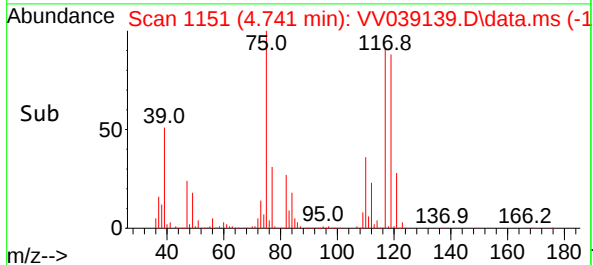
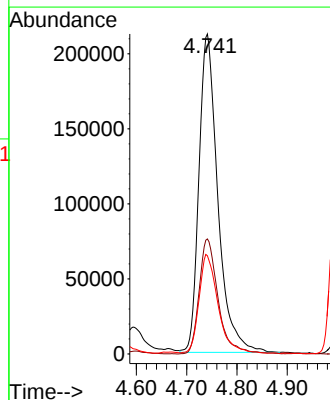
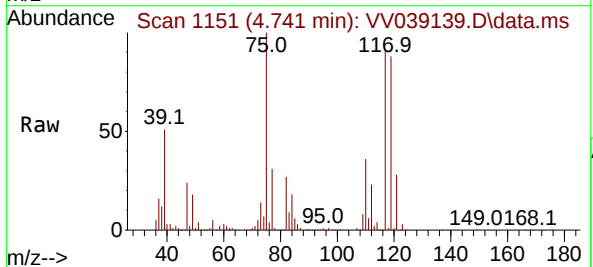
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

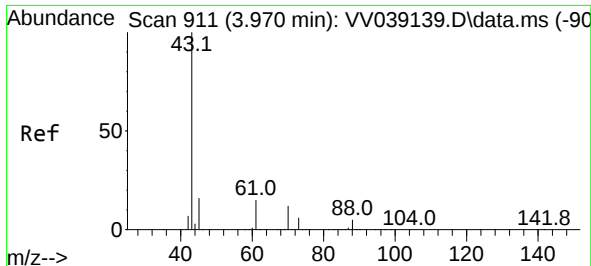
Tgt Ion:113 Resp: 337386
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.3 13.8 20.8



#36
1,1-Dichloropropene
Concen: 50.680 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 75 Resp: 554798
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.1
77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 47.519 ug/l

RT: 3.970 min Scan# 911

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

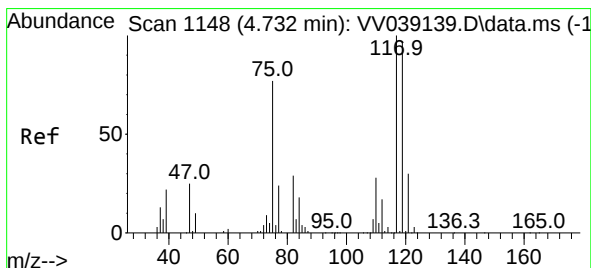
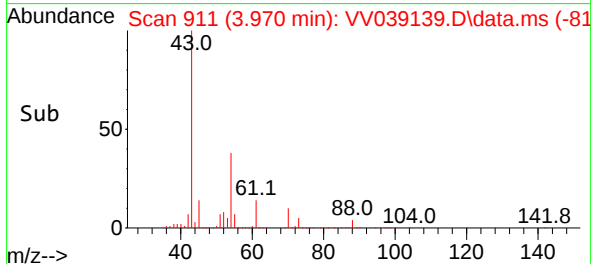
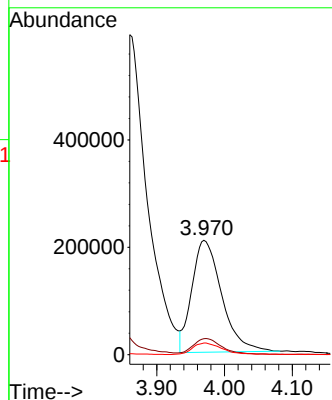
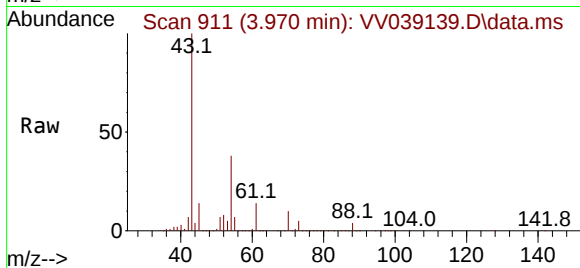
Tgt Ion: 43 Resp: 638131

Ion Ratio Lower Upper

43 100

61 12.9 10.3 15.5

70 10.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 47.666 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

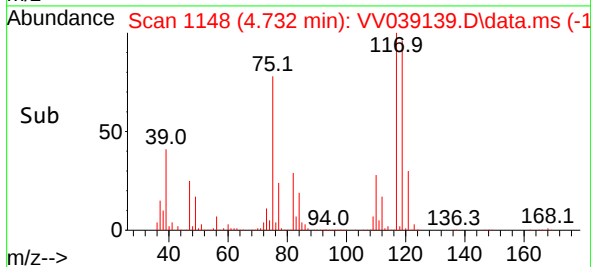
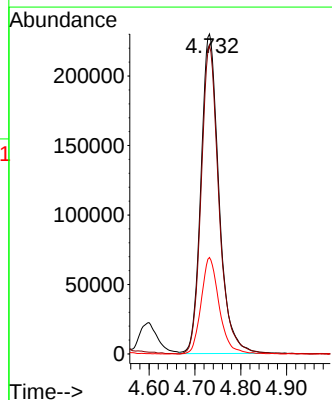
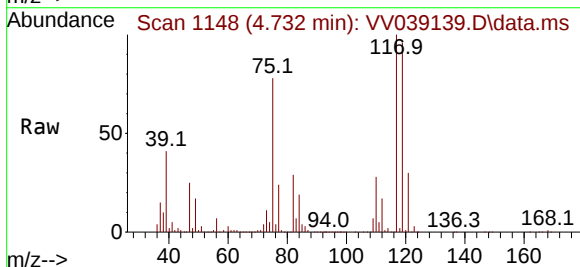
Tgt Ion: 117 Resp: 628516

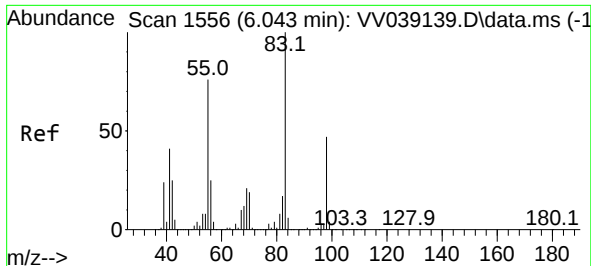
Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

121 30.2 24.2 36.2

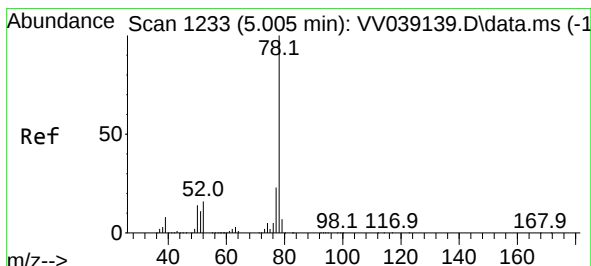
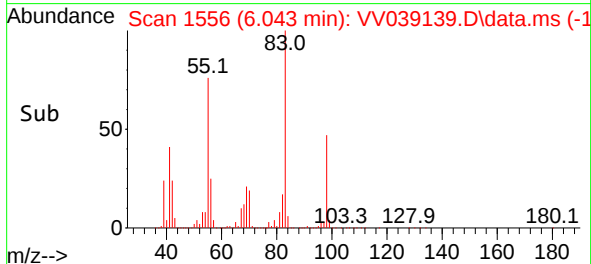
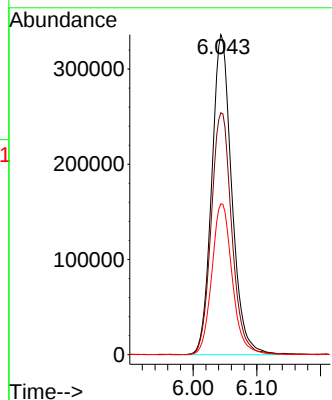
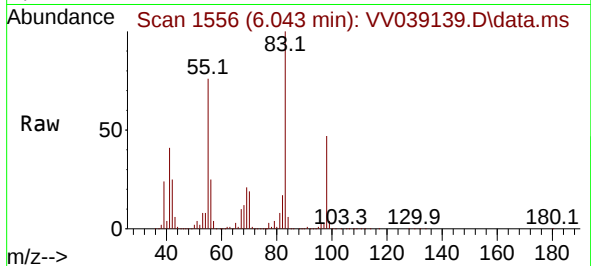




#39
Methylcyclohexane
Concen: 56.095 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

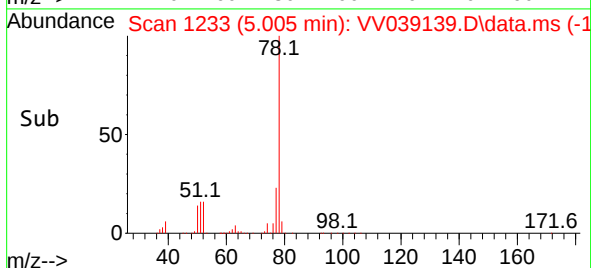
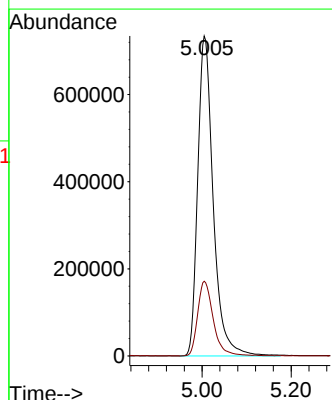
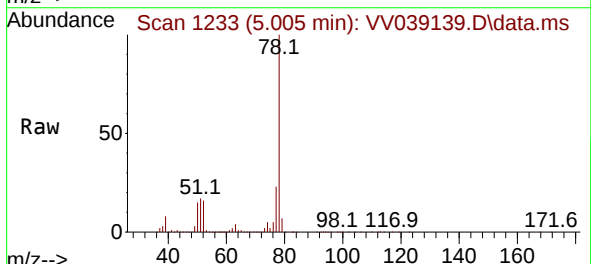
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

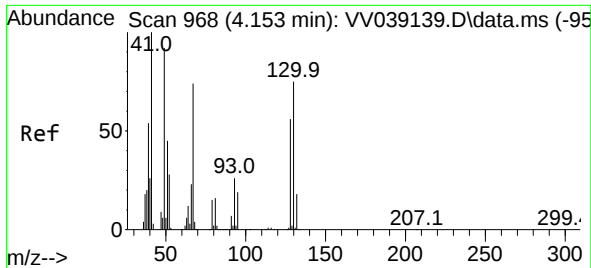
Tgt Ion: 83 Resp: 736231
Ion Ratio Lower Upper
83 100
55 75.6 60.5 90.7
98 47.2 37.8 56.6



#40
Benzene
Concen: 50.276 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 78 Resp: 1779301
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



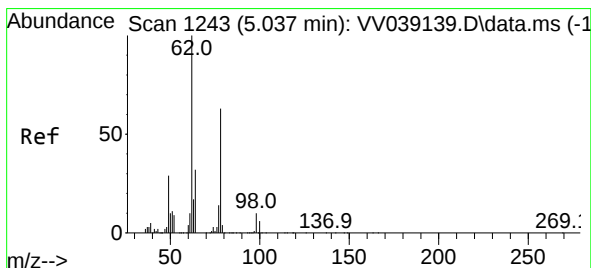
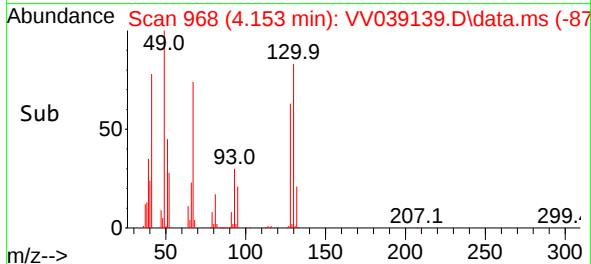
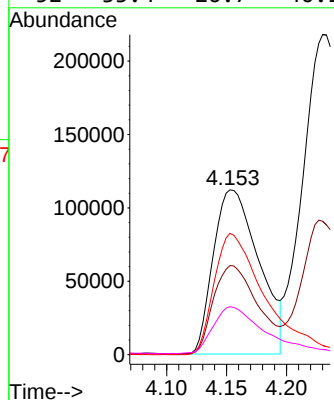
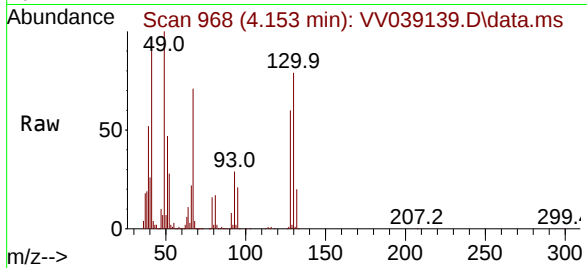


#41
Methacrylonitrile
Concen: 49.541 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 295316

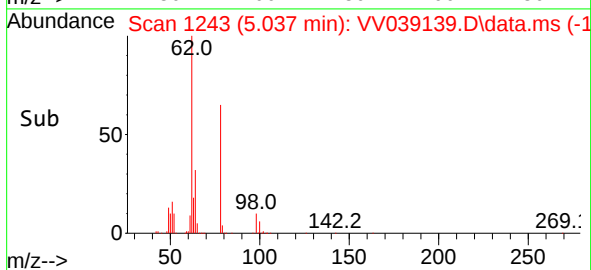
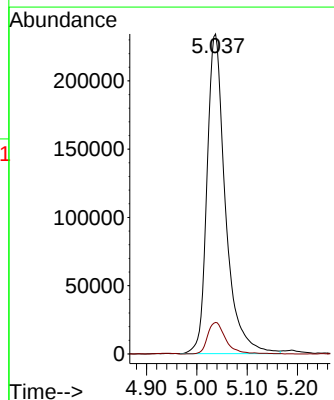
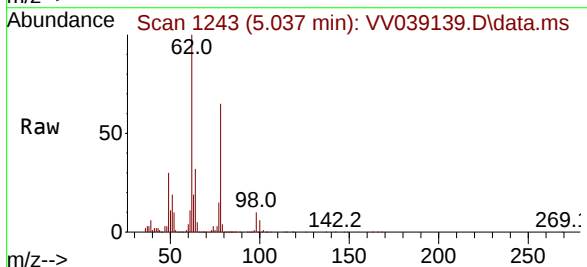
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	84.9	67.9	101.9
52	33.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 48.000 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 62 Resp: 595216

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

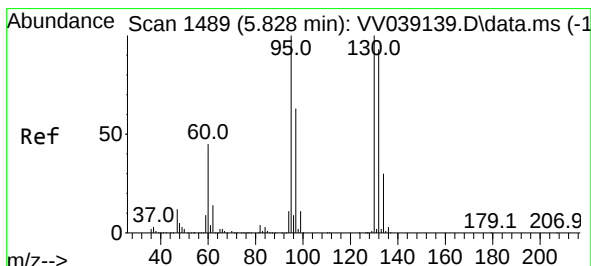
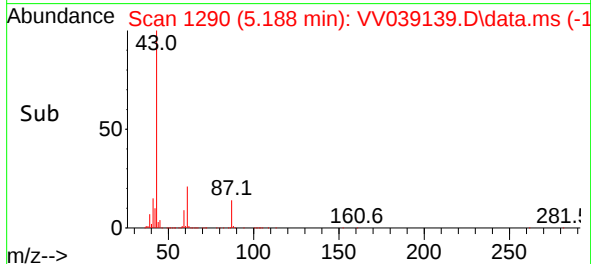
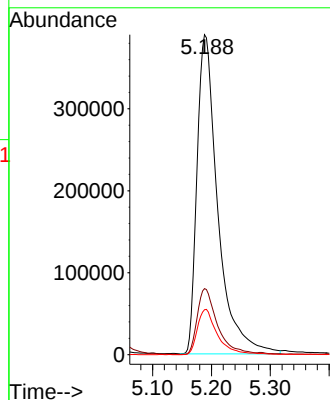
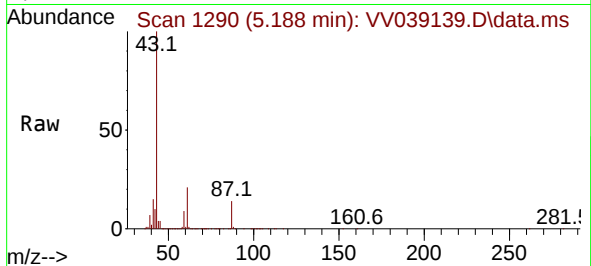




#43
Isopropyl Acetate
Concen: 51.691 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

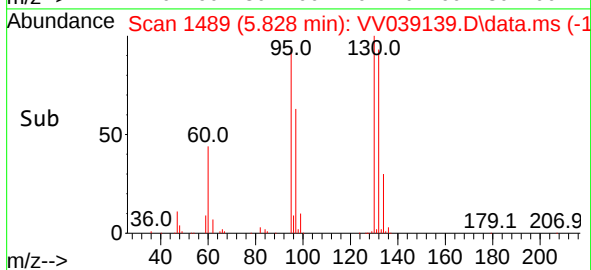
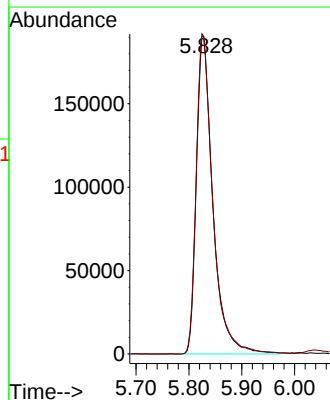
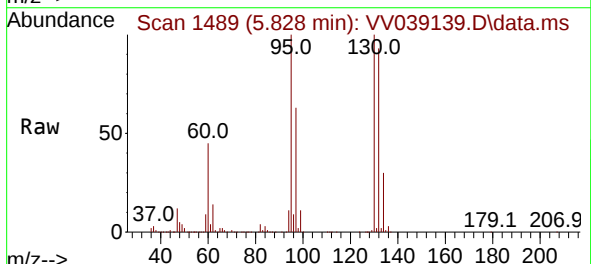
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

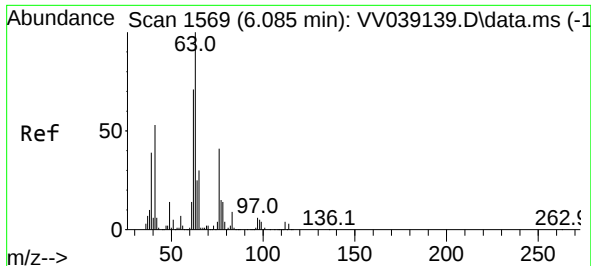
Tgt Ion: 43 Resp: 956288
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9
87 13.8 11.0 16.6



#44
Trichloroethene
Concen: 50.715 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:130 Resp: 414171
Ion Ratio Lower Upper
130 100
95 99.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 51.014 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

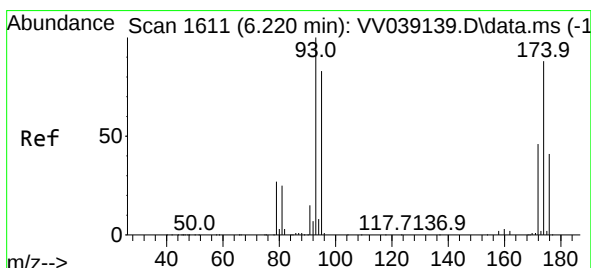
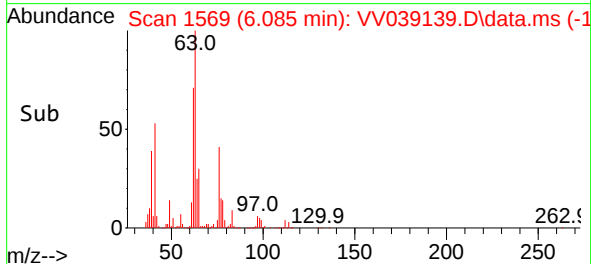
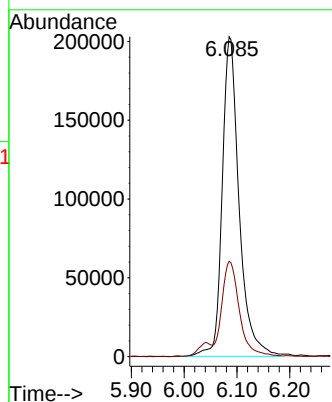
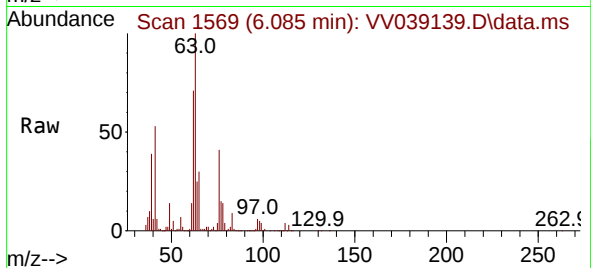
VSTDICCC050

Tgt Ion: 63 Resp: 448750

Ion Ratio Lower Upper

63 100

65 29.6 23.7 35.5



#46

Dibromomethane

Concen: 48.876 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

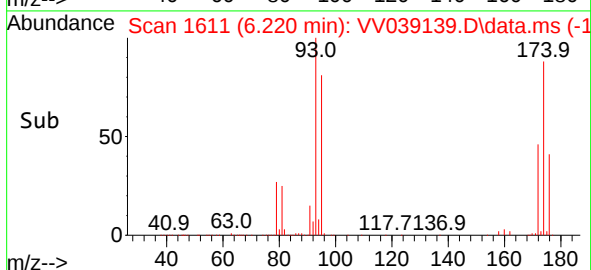
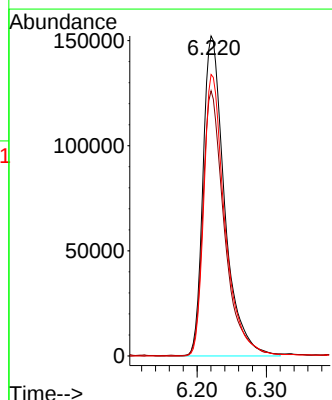
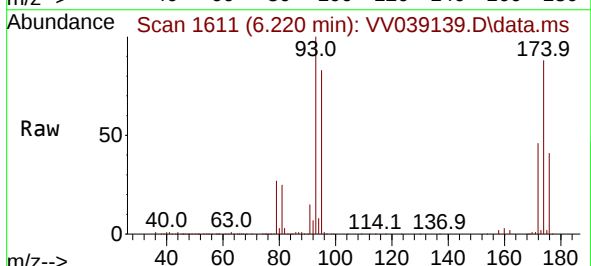
Tgt Ion: 93 Resp: 329073

Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

174 86.2 69.0 103.4

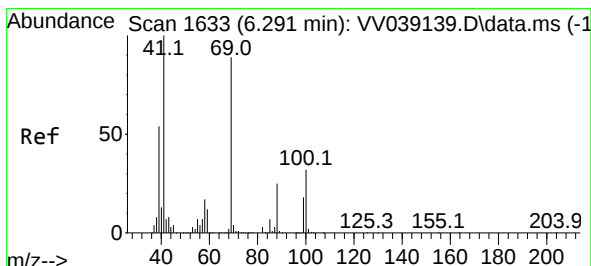
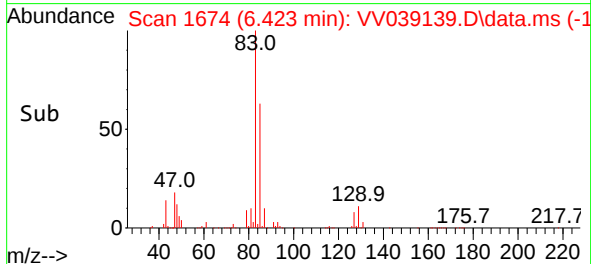
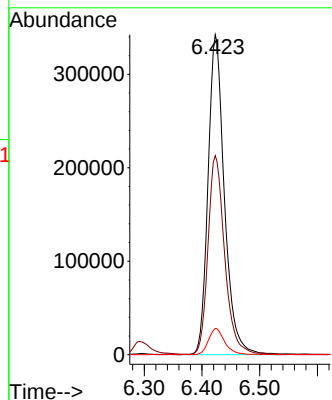
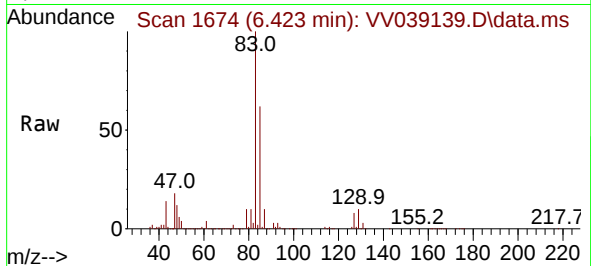




#47
Bromodichloromethane
Concen: 48.398 ug/l
RT: 6.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

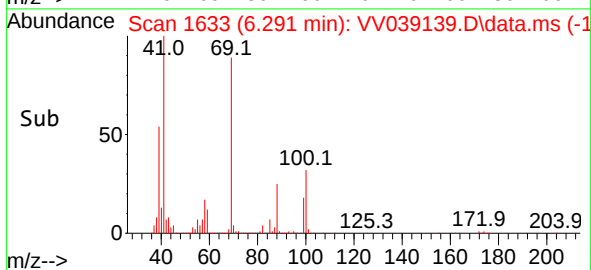
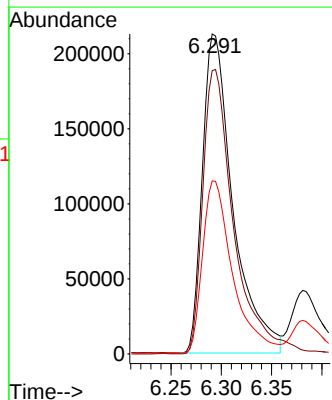
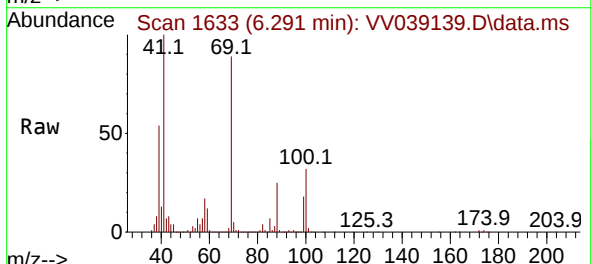
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

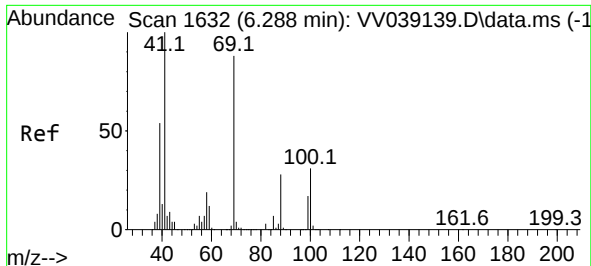
Tgt Ion: 83 Resp: 673646
Ion Ratio Lower Upper
83 100
85 62.1 49.7 74.5
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 53.193 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 41 Resp: 450230
Ion Ratio Lower Upper
41 100
69 90.5 72.4 108.6
39 53.1 42.5 63.7





#49

1,4-Dioxane

Concen: 1006.069 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

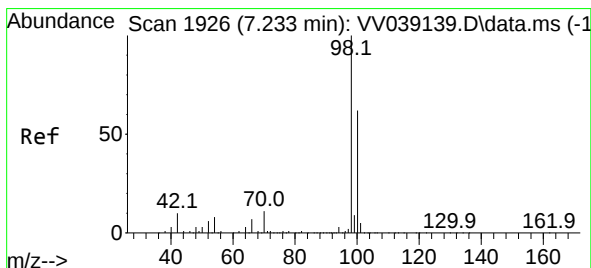
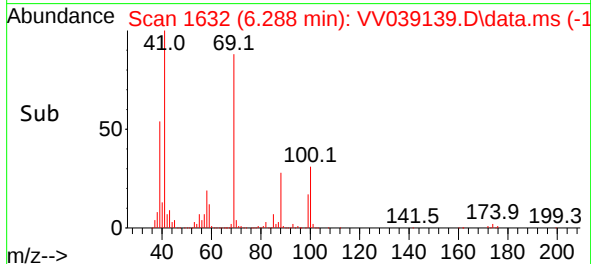
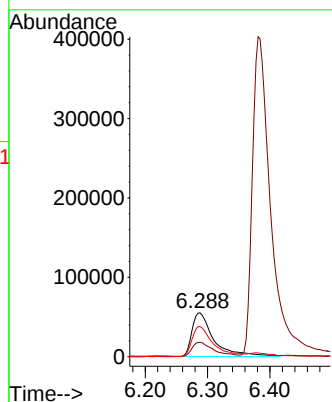
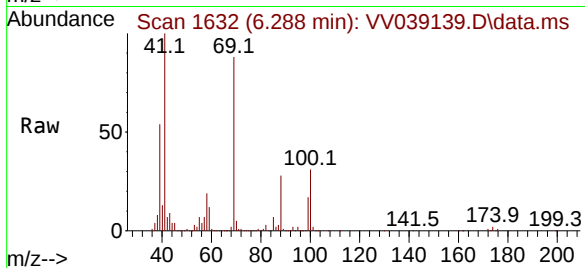
Tgt Ion: 88 Resp: 133834

Ion Ratio Lower Upper

88 100

43 31.4 25.1 37.7

58 67.0 53.6 80.4



#50

Toluene-d8

Concen: 48.130 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV039139.D

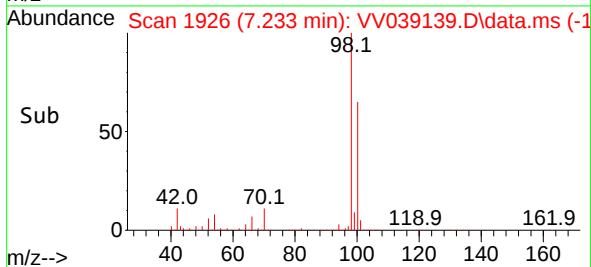
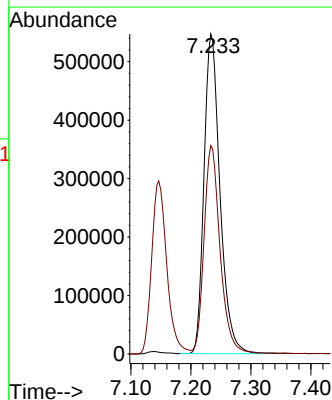
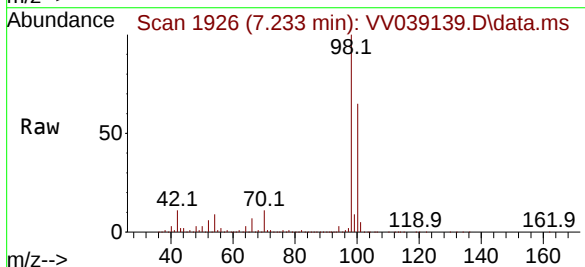
Acq: 22 Sep 2025 13:26

Tgt Ion: 98 Resp: 1016135

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

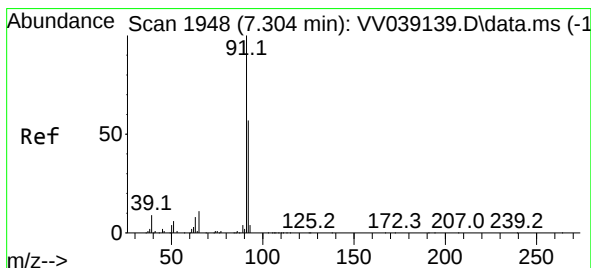
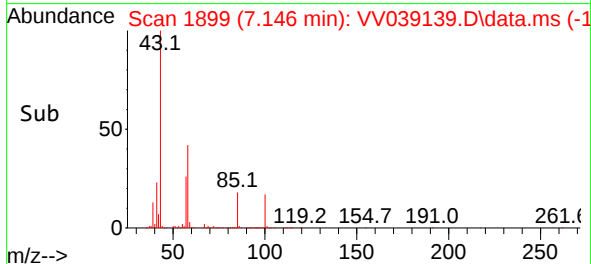
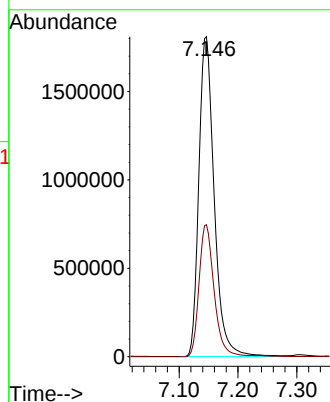
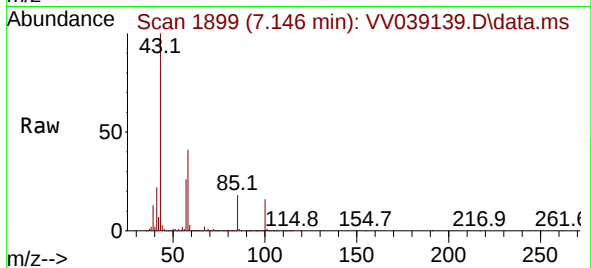




#51
4-Methyl-2-Pentanone
Concen: 276.753 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

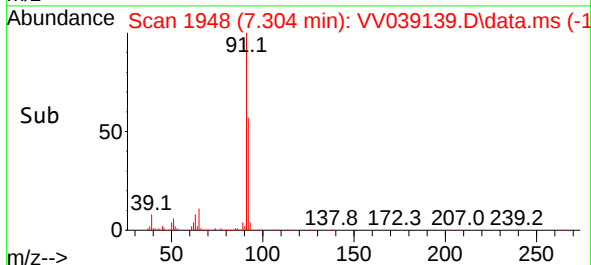
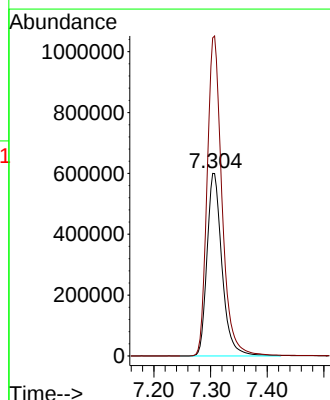
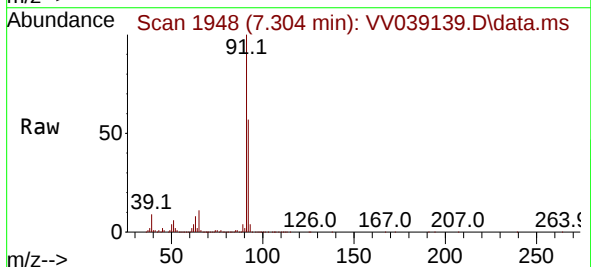
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

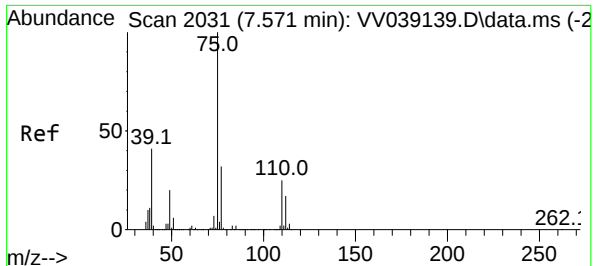
Tgt Ion: 43 Resp: 3273840
Ion Ratio Lower Upper
43 100
58 40.4 32.3 48.5



#52
Toluene
Concen: 53.574 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 92 Resp: 1099325
Ion Ratio Lower Upper
92 100
91 174.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.666 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

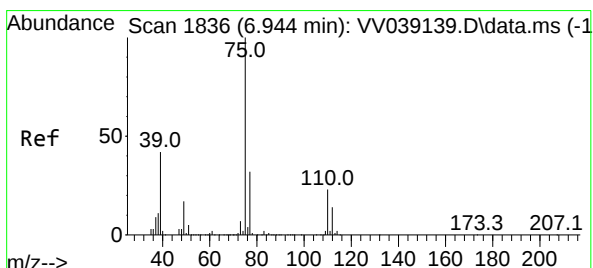
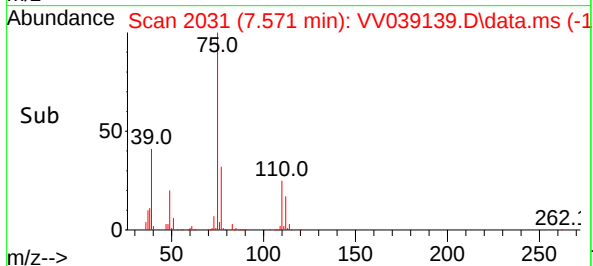
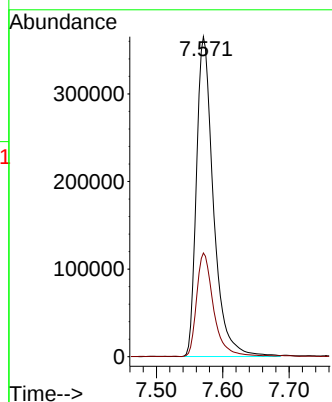
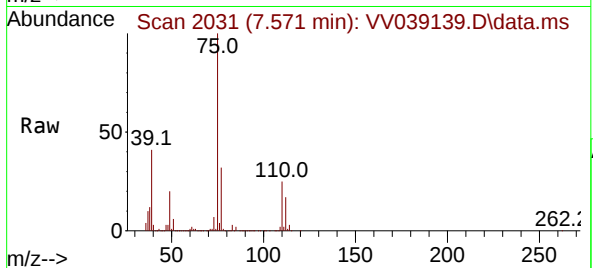
VSTDICCC050

Tgt Ion: 75 Resp: 650976

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 54.142 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

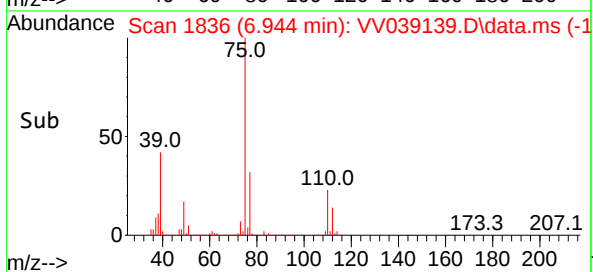
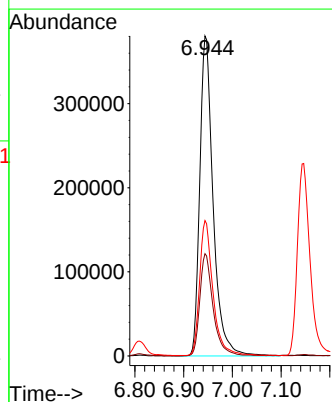
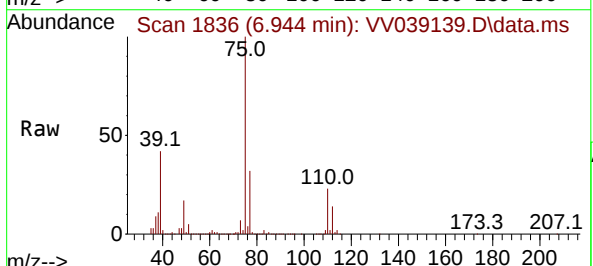
Tgt Ion: 75 Resp: 725015

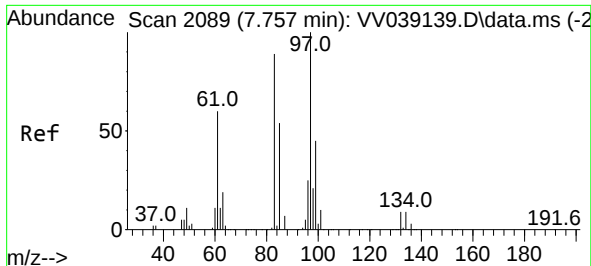
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 42.2 33.8 50.6



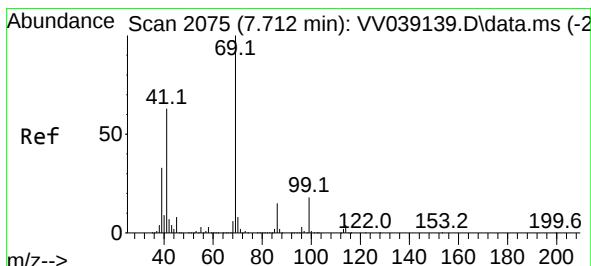
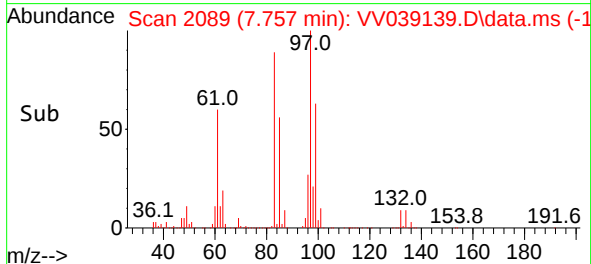
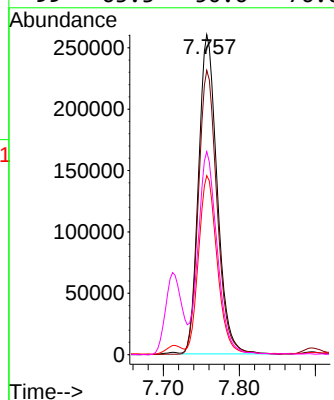
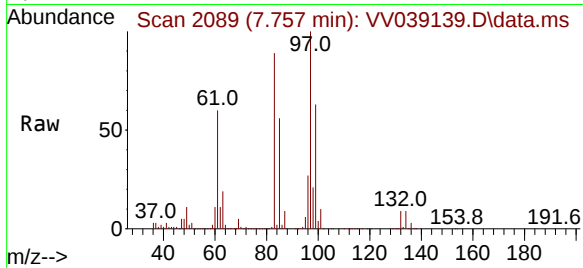


#55
1,1,2-Trichloroethane
Concen: 48.020 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 441822

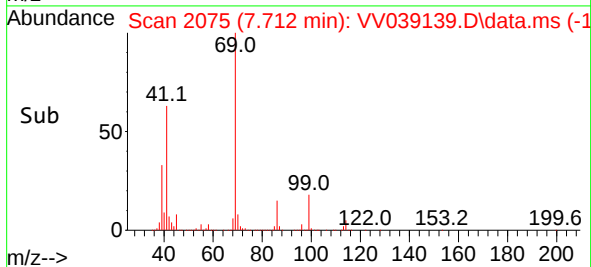
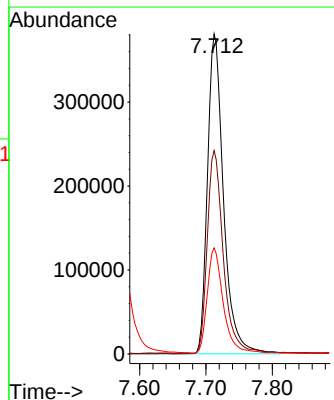
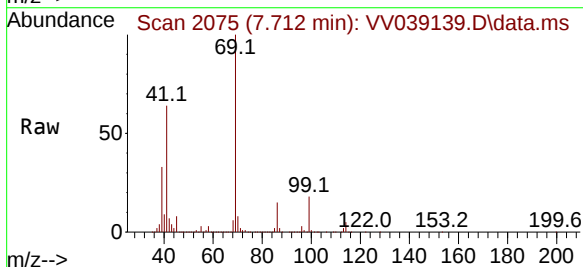
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.1	106.7
85	55.8	44.6	67.0
99	63.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 58.632 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 69 Resp: 640636

Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.7	76.1
39	32.5	26.0	39.0





#57

1,3-Dichloropropane

Concen: 50.505 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

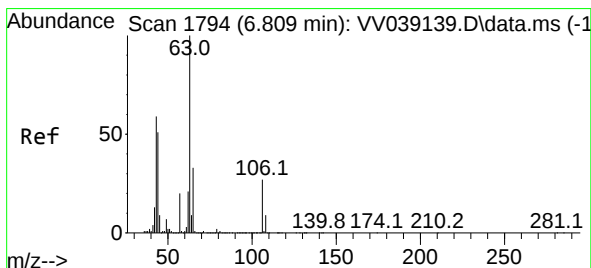
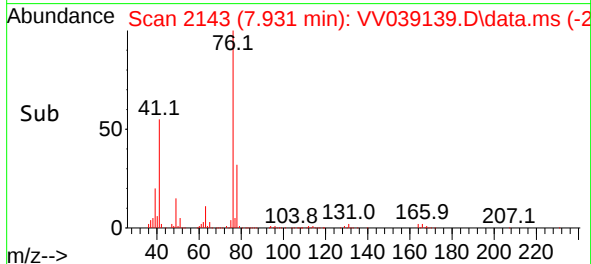
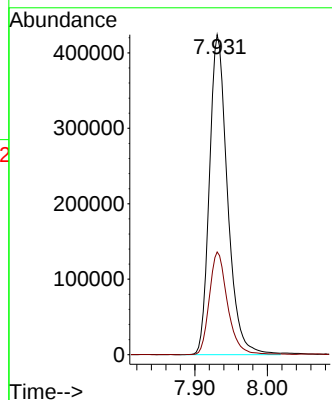
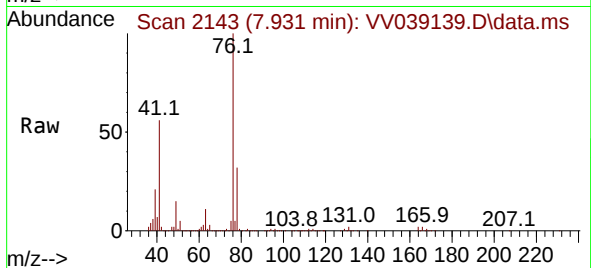
VSTDICCC050

Tgt Ion: 76 Resp: 733341

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 255.700 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039139.D

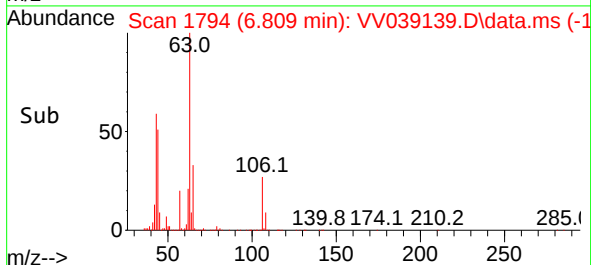
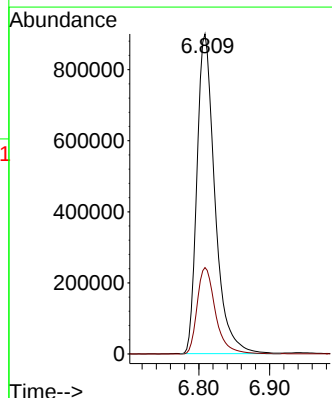
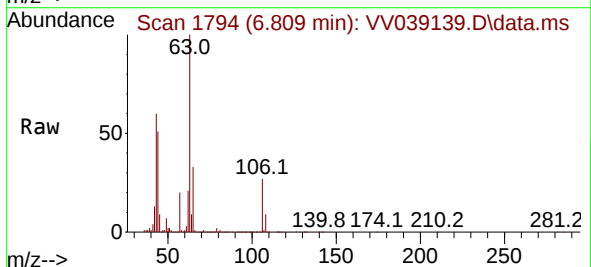
Acq: 22 Sep 2025 13:26

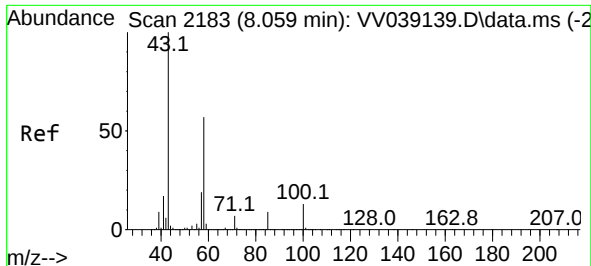
Tgt Ion: 63 Resp: 1579407

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

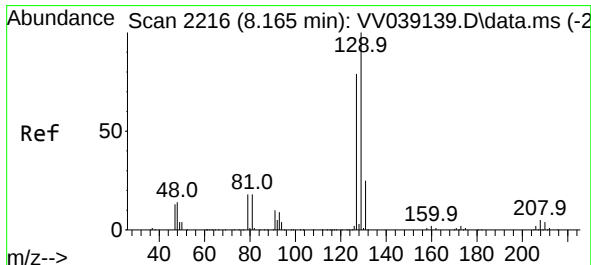
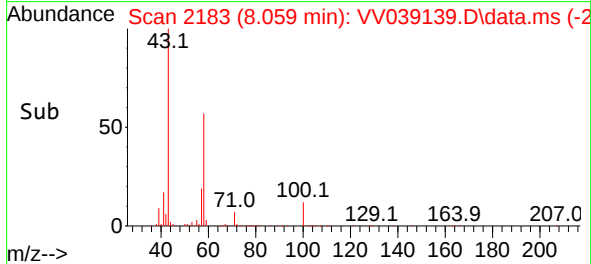
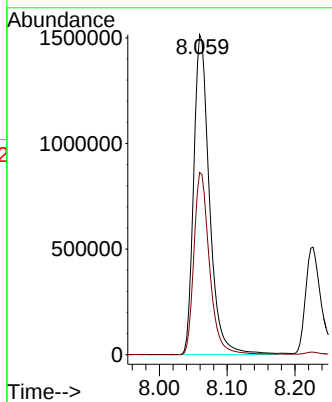
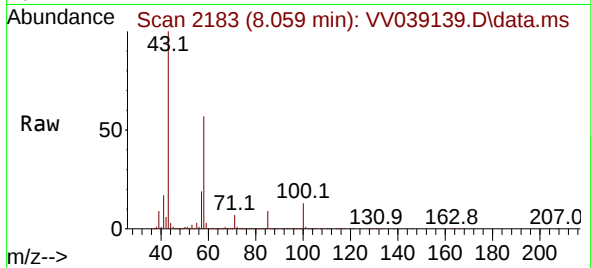




#59
2-Hexanone
Concen: 255.630 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

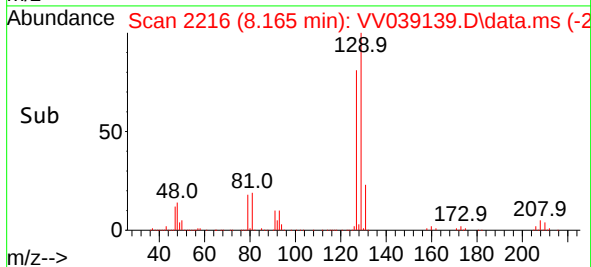
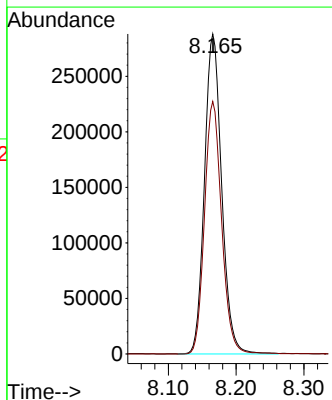
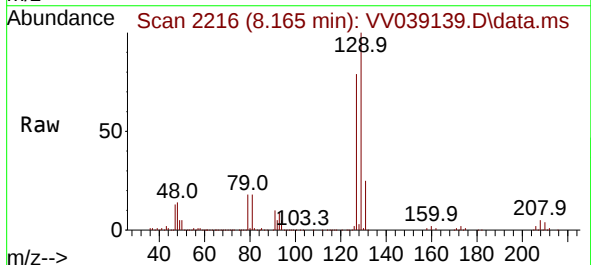
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 2441880
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 48.365 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 129 Resp: 507043
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

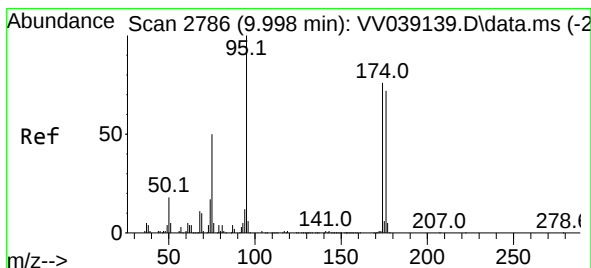
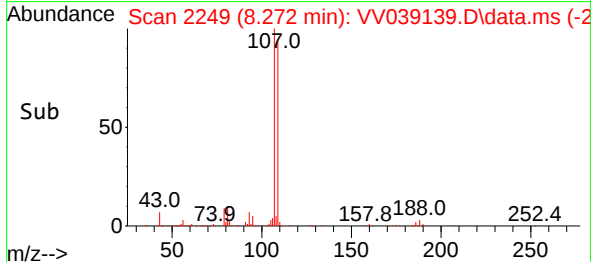
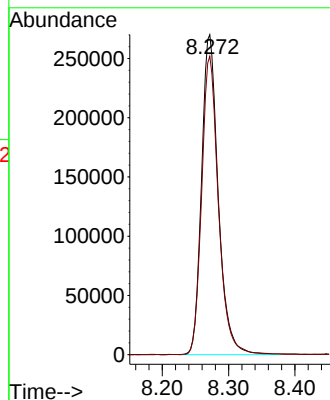
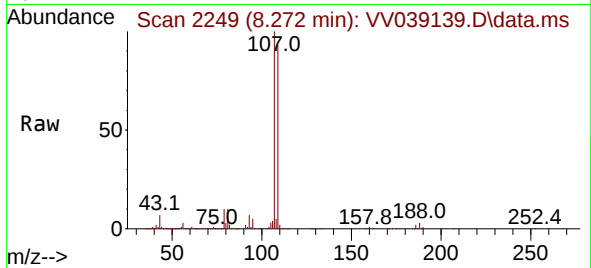




#61
 1,2-Dibromoethane
 Concen: 50.273 ug/l
 RT: 8.272 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

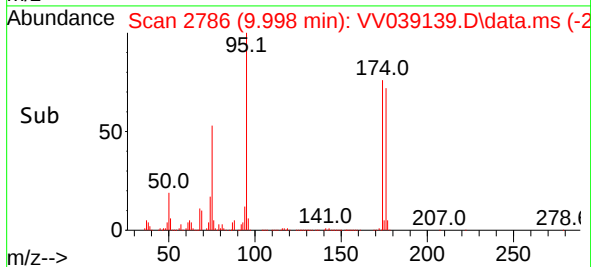
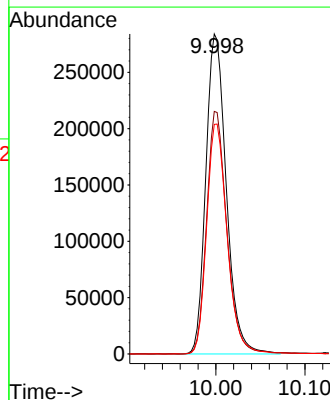
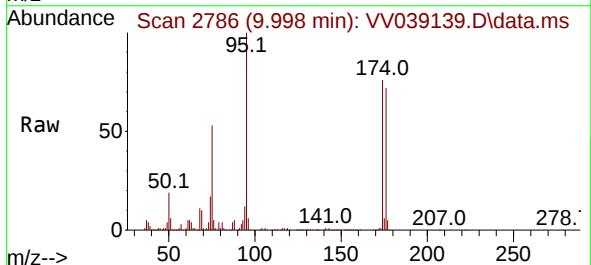
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

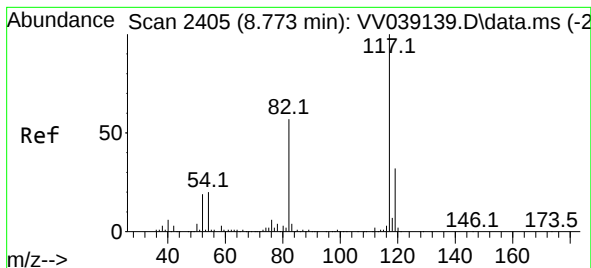
Tgt Ion:107 Resp: 473037
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 52.130 ug/l
 RT: 9.998 min Scan# 2786
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

Tgt Ion: 95 Resp: 453081
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 150.4
 176 72.1 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

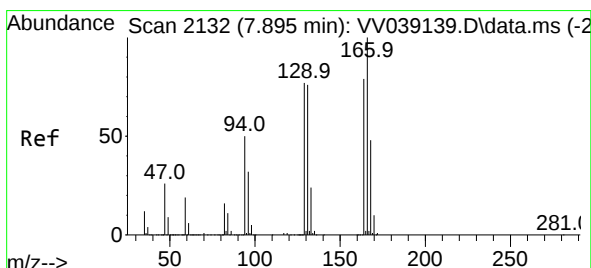
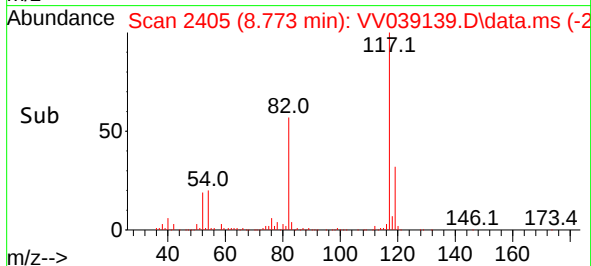
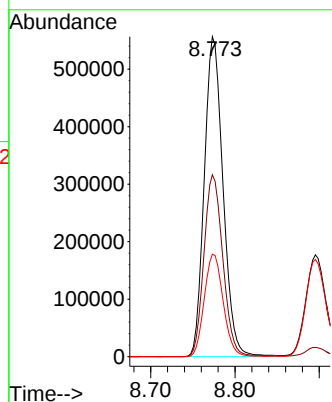
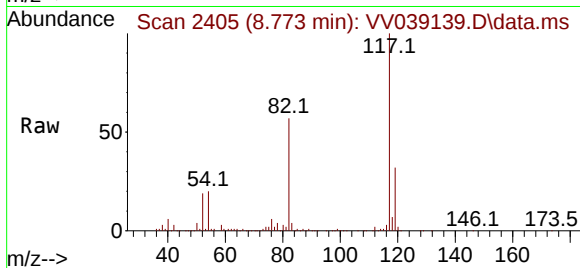
Tgt Ion:117 Resp: 863906

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.2

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 49.227 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Tgt Ion:164 Resp: 356209

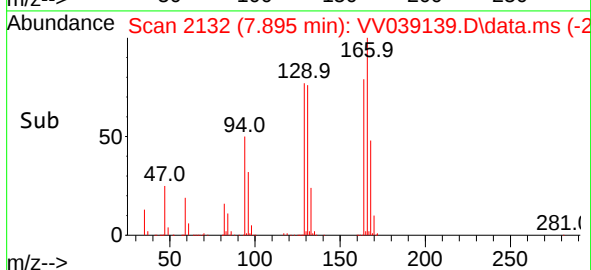
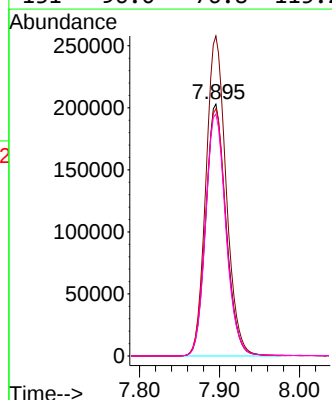
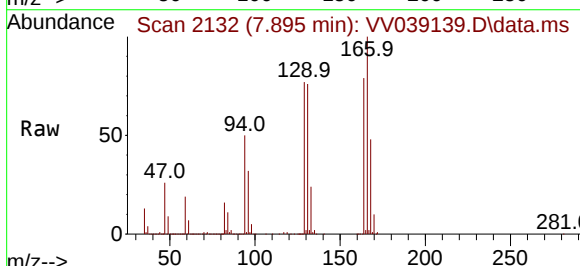
Ion Ratio Lower Upper

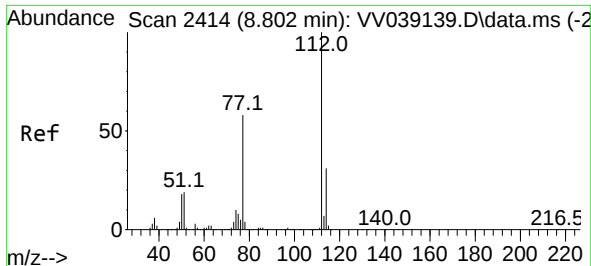
164 100

166 127.0 101.6 152.4

129 98.1 78.5 117.7

131 96.0 76.8 115.2

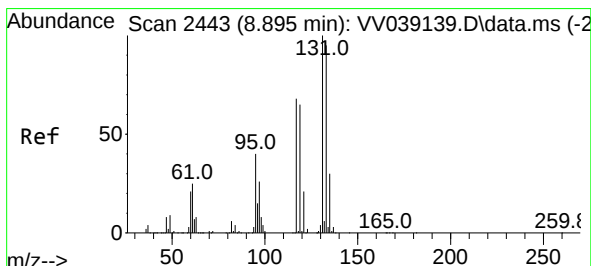
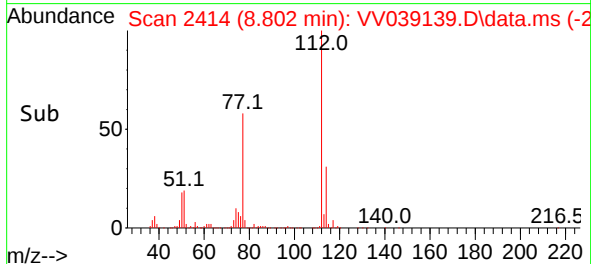
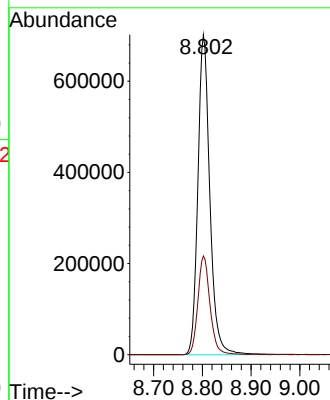
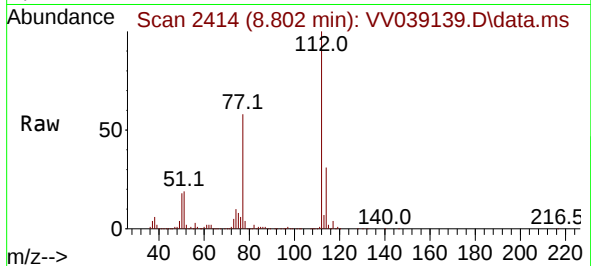




#65
Chlorobenzene
Concen: 49.651 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

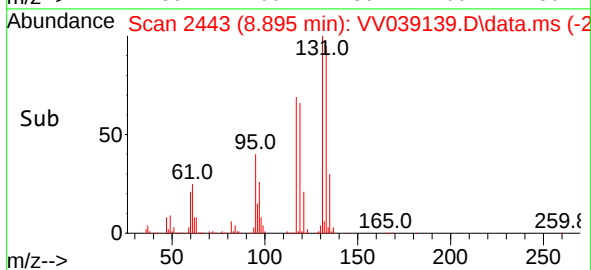
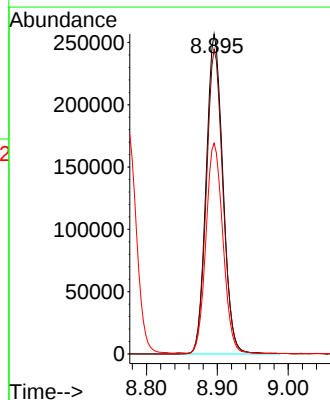
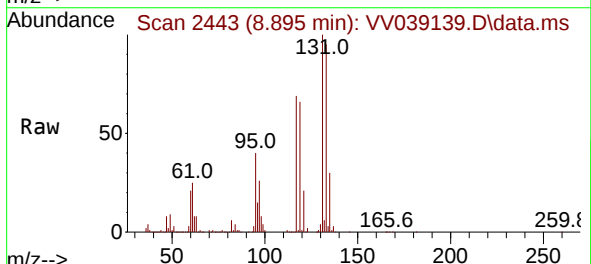
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

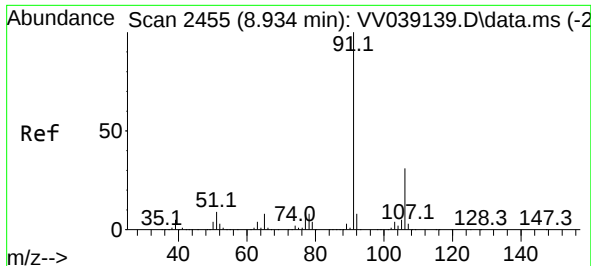
Tgt Ion:112 Resp: 1194769
Ion Ratio Lower Upper
112 100
114 30.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.507 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:131 Resp: 421762
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 56.487 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

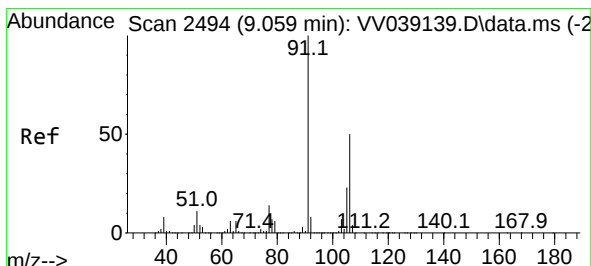
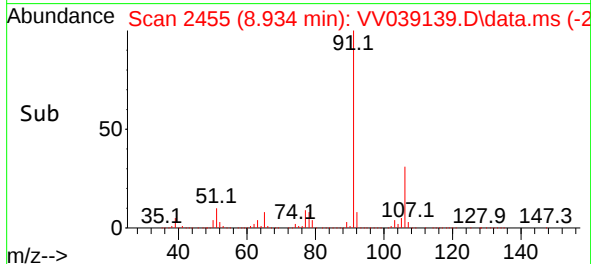
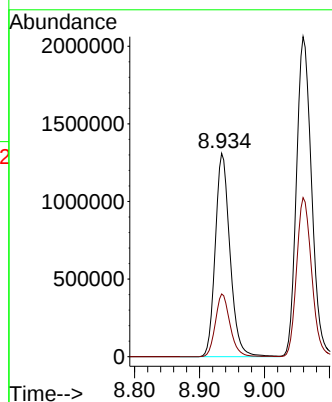
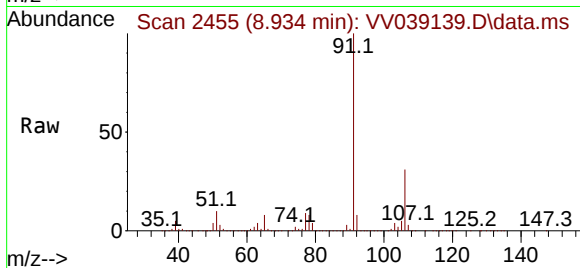
VSTDICCC050

Tgt Ion: 91 Resp: 2057558

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 116.591 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VV039139.D

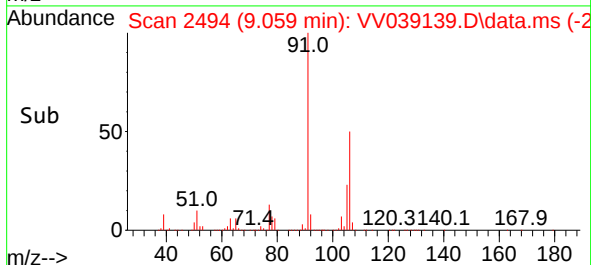
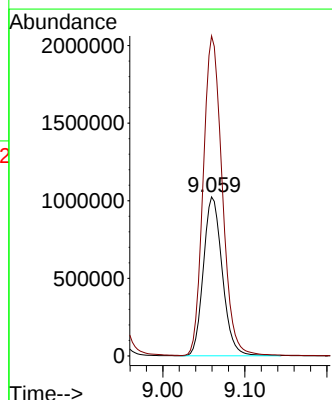
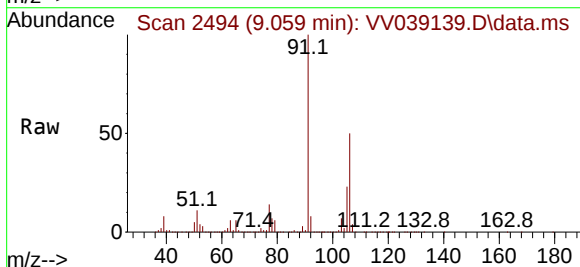
Acq: 22 Sep 2025 13:26

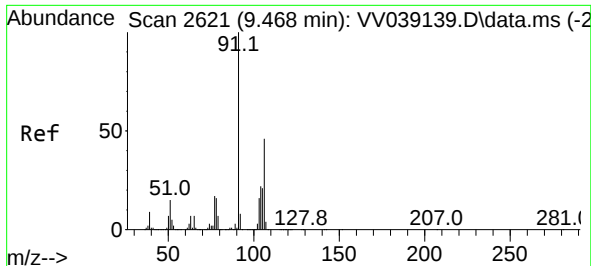
Tgt Ion:106 Resp: 1639130

Ion Ratio Lower Upper

106 100

91 203.1 162.5 243.7

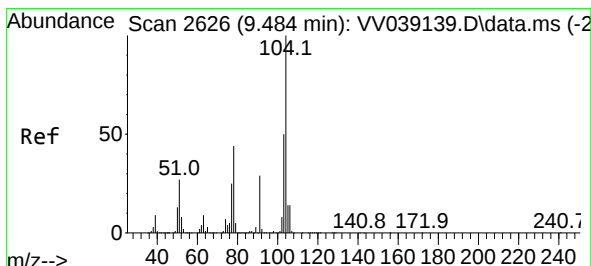
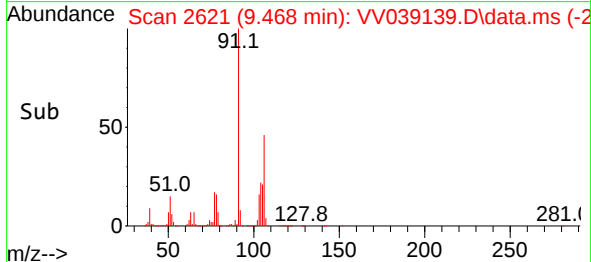
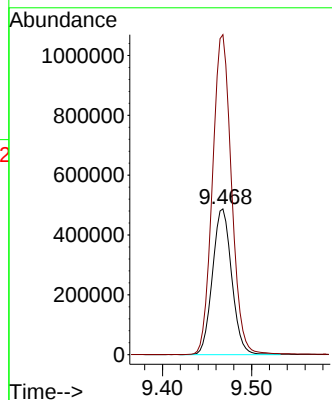
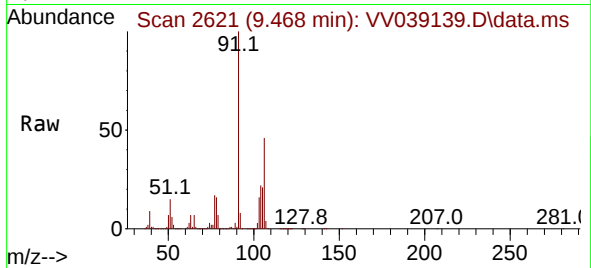




#69
o-Xylene
Concen: 58.688 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

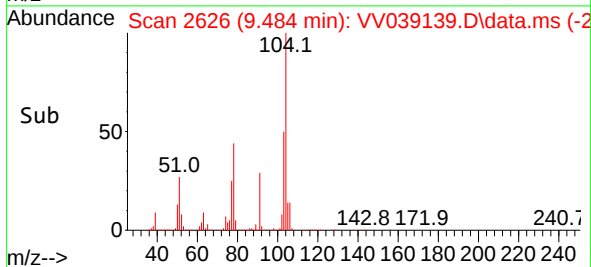
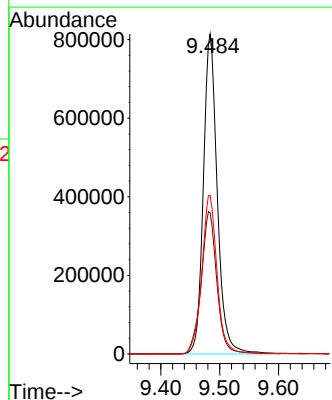
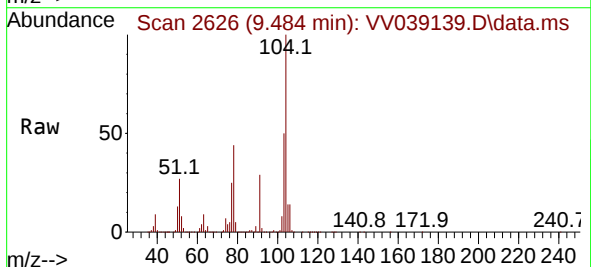
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

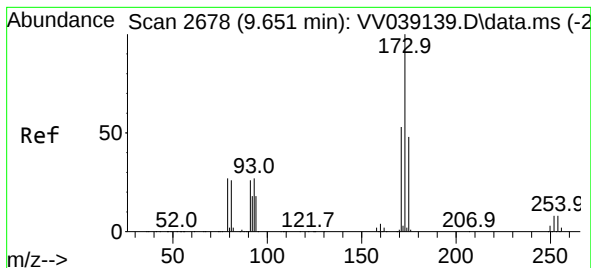
Tgt Ion:106 Resp: 730558
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3



#70
Styrene
Concen: 50.845 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:104 Resp: 1341298
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 54.3 43.4 65.2





#71

Bromoform

Concen: 50.337 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

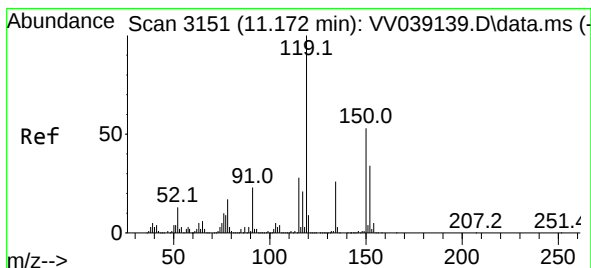
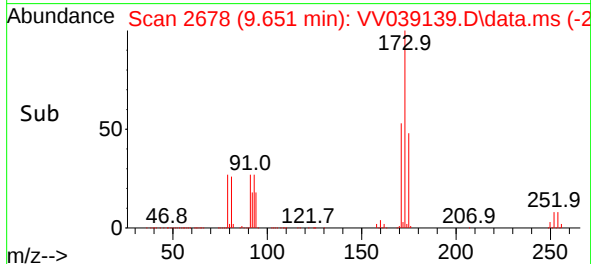
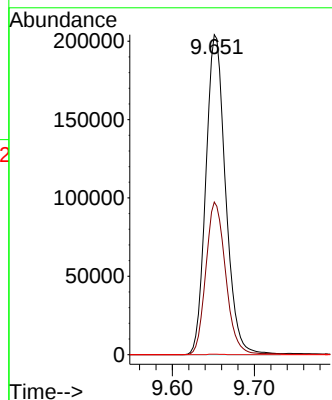
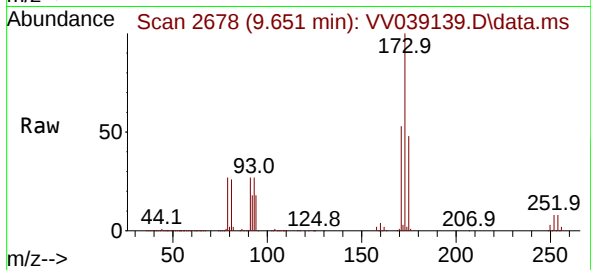
Tgt Ion:173 Resp: 341871

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

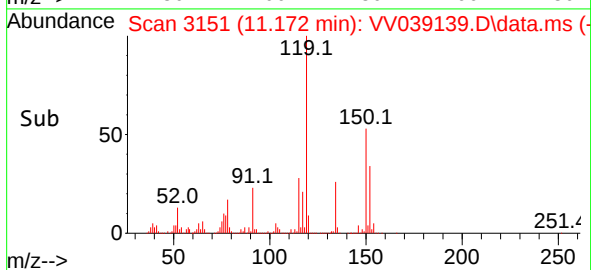
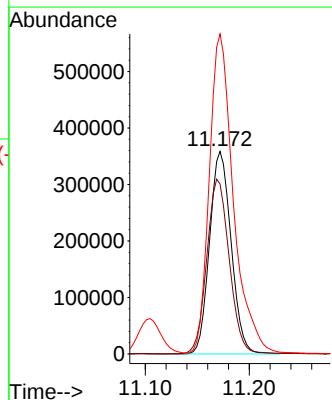
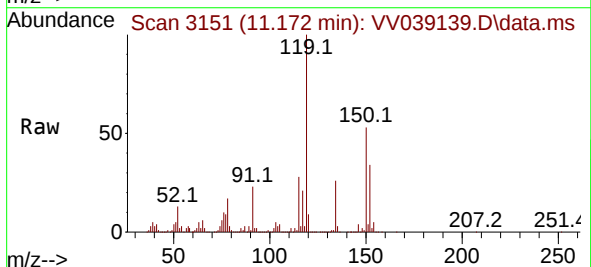
Tgt Ion:152 Resp: 516167

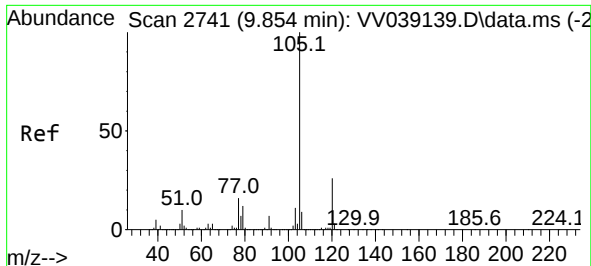
Ion Ratio Lower Upper

152 100

115 89.6 44.8 134.4

150 176.9 0.0 353.8

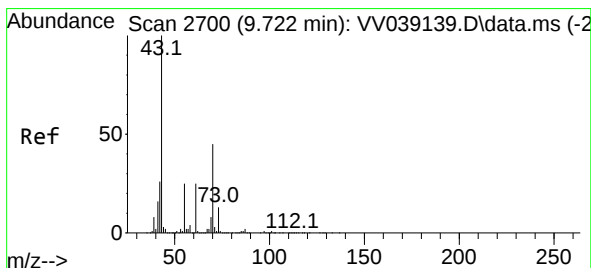
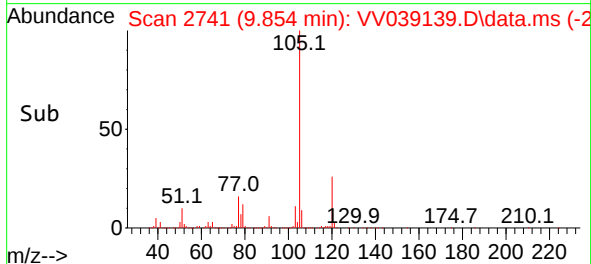
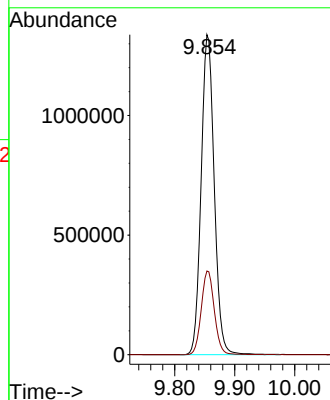
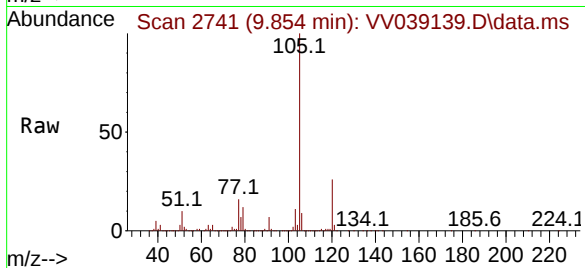




#73
Isopropylbenzene
Concen: 54.313 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

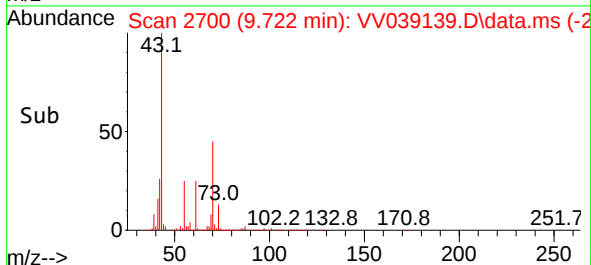
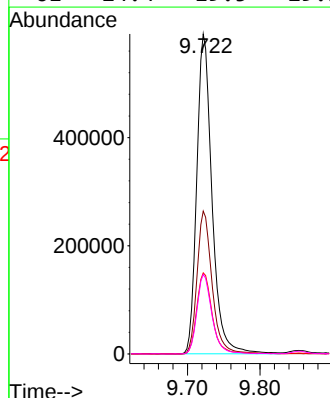
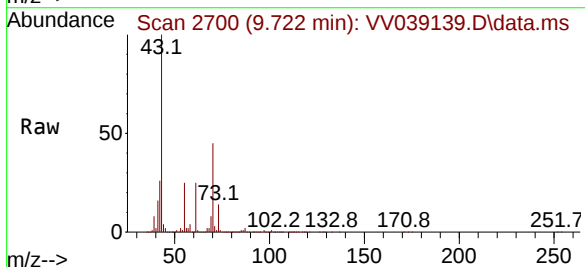
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

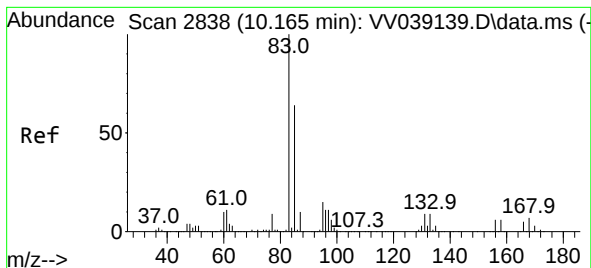
Tgt Ion:105 Resp: 2033373
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 57.833 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 43 Resp: 863632
Ion Ratio Lower Upper
43 100
70 44.2 35.4 53.0
55 25.7 20.6 30.8
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.844 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

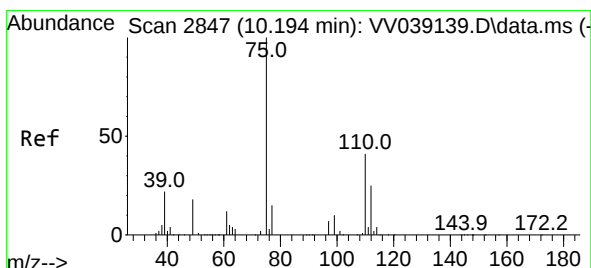
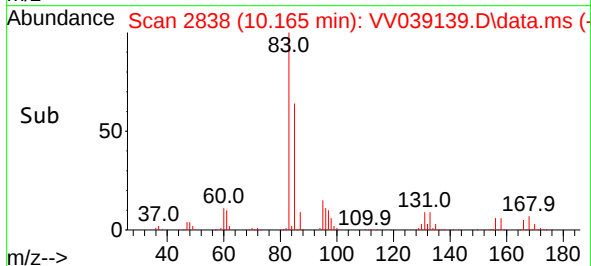
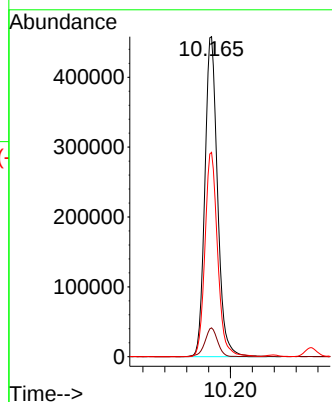
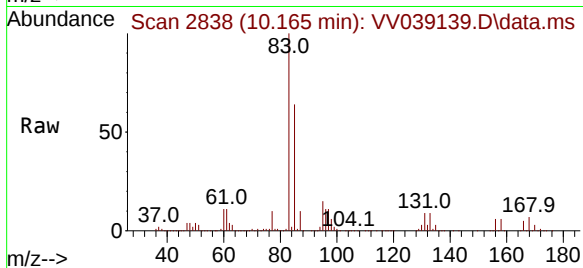
Tgt Ion: 83 Resp: 735590

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 46.080 ug/l

RT: 10.194 min Scan# 2847

Delta R.T. 0.000 min

Lab File: VV039139.D

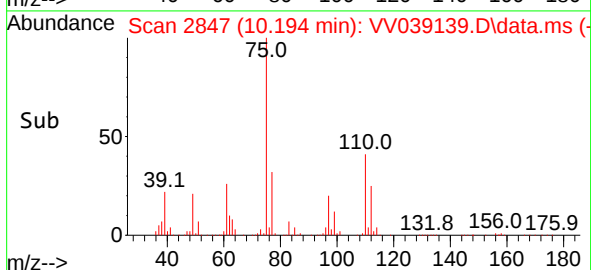
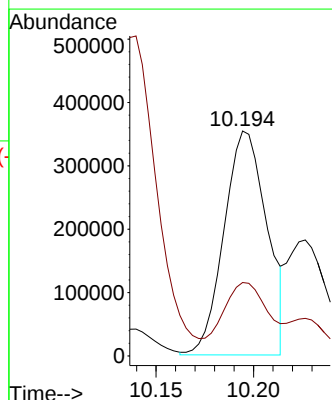
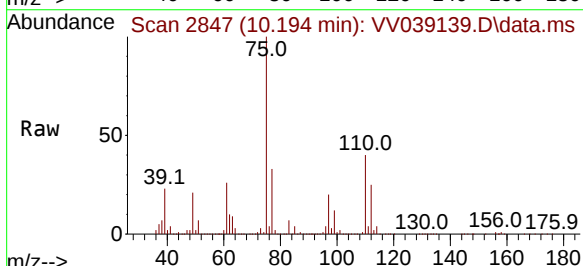
Acq: 22 Sep 2025 13:26

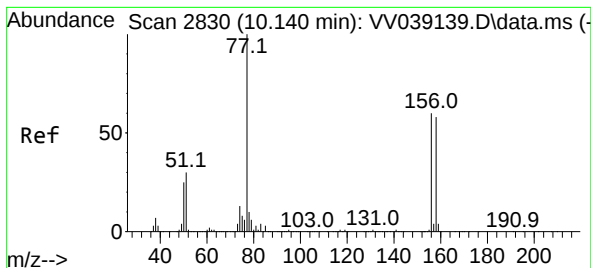
Tgt Ion: 75 Resp: 541552

Ion Ratio Lower Upper

75 100

77 22.5 11.3 33.8





#77

Bromobenzene

Concen: 49.171 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

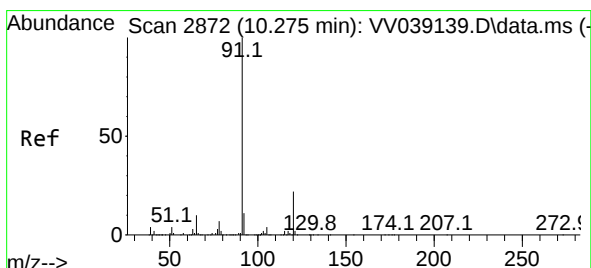
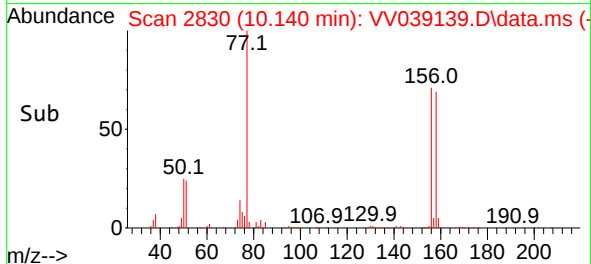
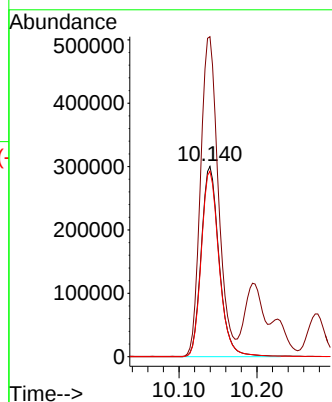
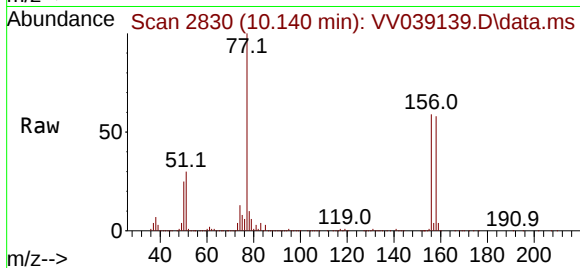
Tgt Ion:156 Resp: 477608

Ion Ratio Lower Upper

156 100

77 166.7 83.4 250.1

158 97.6 48.8 146.4



#78

n-propylbenzene

Concen: 55.461 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. 0.000 min

Lab File: VV039139.D

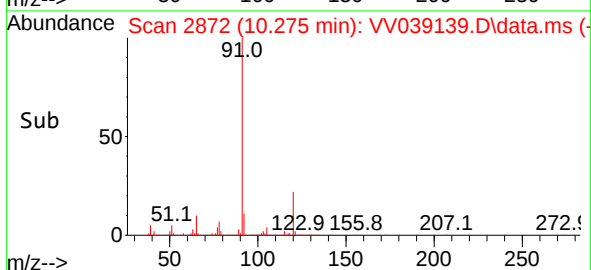
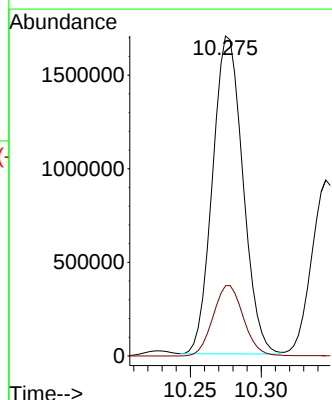
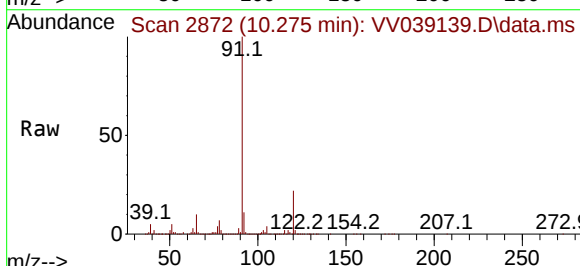
Acq: 22 Sep 2025 13:26

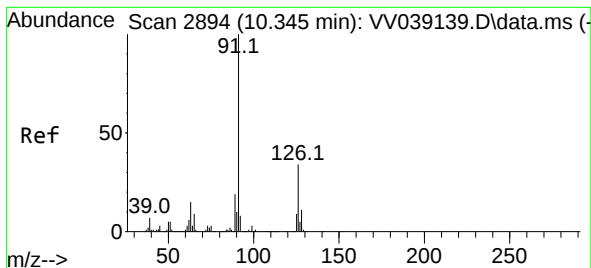
Tgt Ion: 91 Resp: 2528458

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 53.612 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

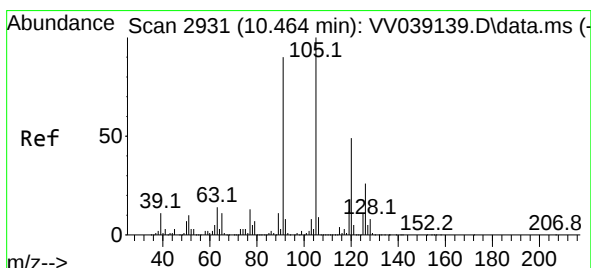
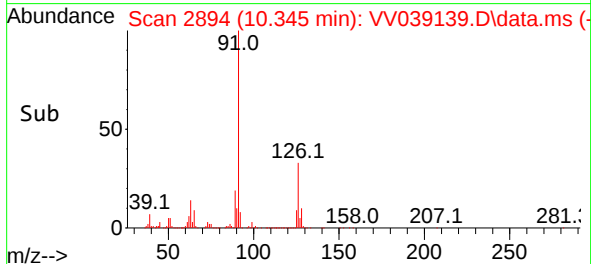
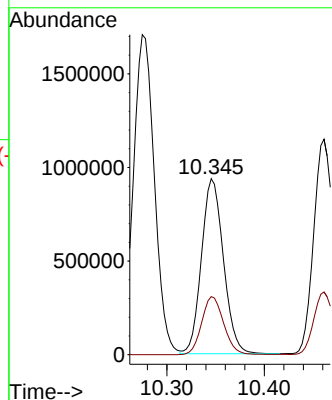
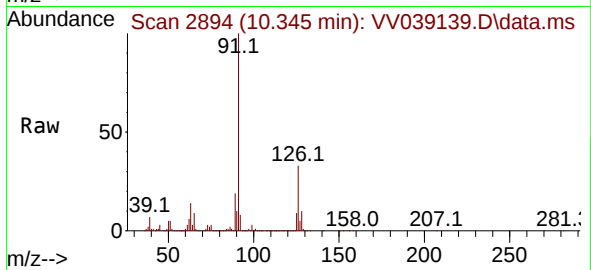
VSTDICCC050

Tgt Ion: 91 Resp: 1462530

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 56.188 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039139.D

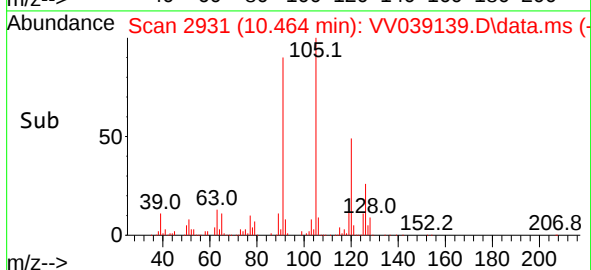
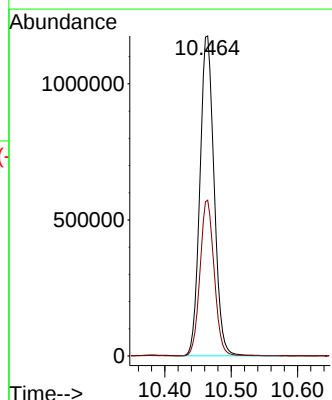
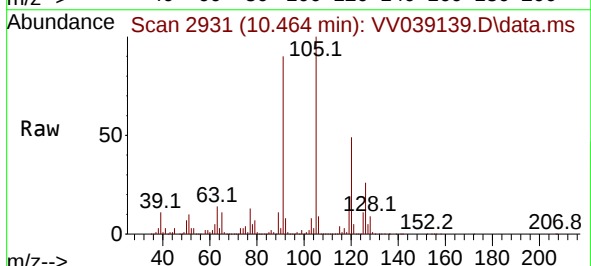
Acq: 22 Sep 2025 13:26

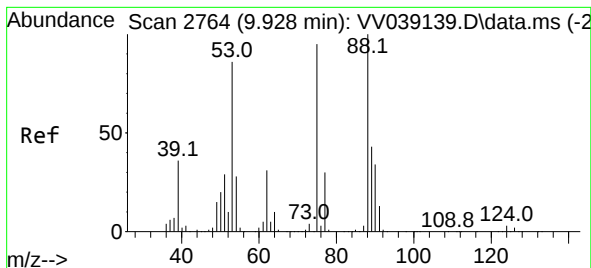
Tgt Ion: 105 Resp: 1748435

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

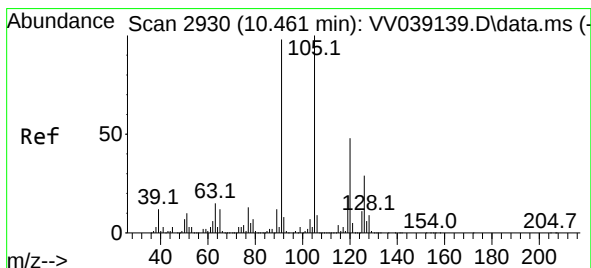
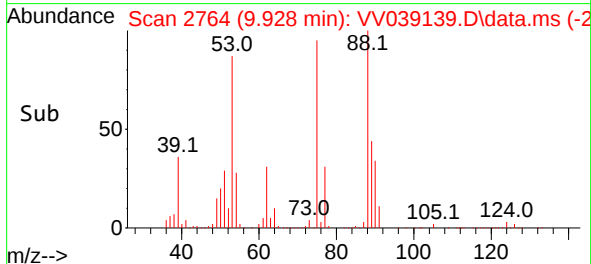
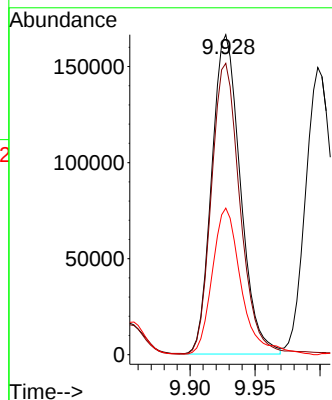
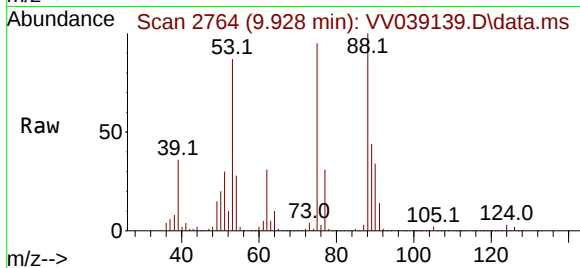




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.143 ug/l
 RT: 9.928 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

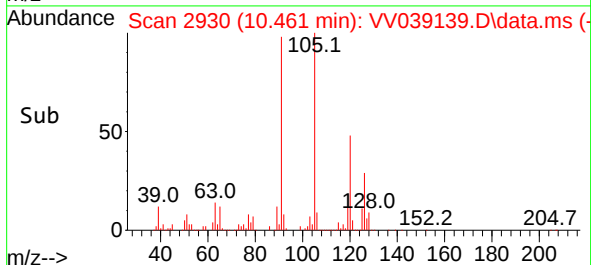
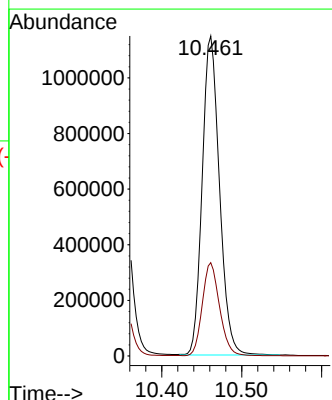
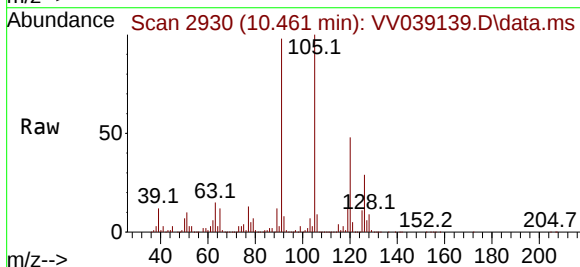
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 255259
 Ion Ratio Lower Upper
 75 100
 53 90.6 72.5 108.7
 89 46.5 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 54.466 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: VV039139.D
 Acq: 22 Sep 2025 13:26

Tgt Ion: 91 Resp: 1722899
 Ion Ratio Lower Upper
 91 100
 126 29.1 14.5 43.6





#83

tert-Butylbenzene

Concen: 53.602 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

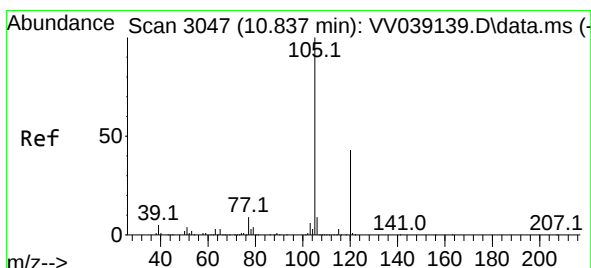
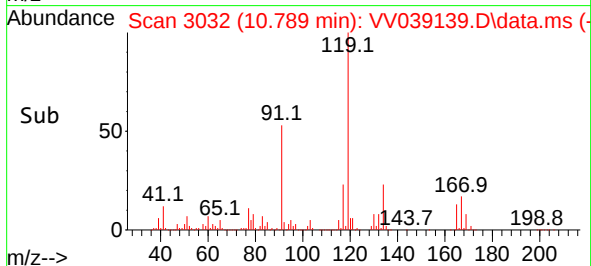
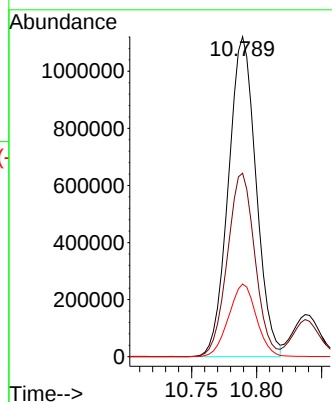
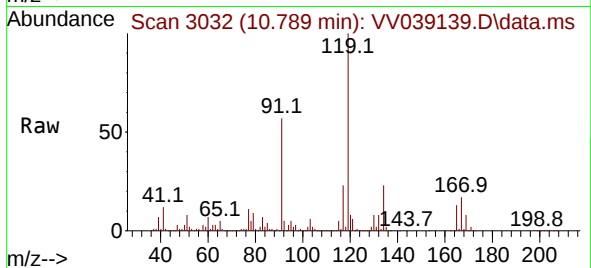
Tgt Ion:119 Resp: 1663245

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.6

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 57.709 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039139.D

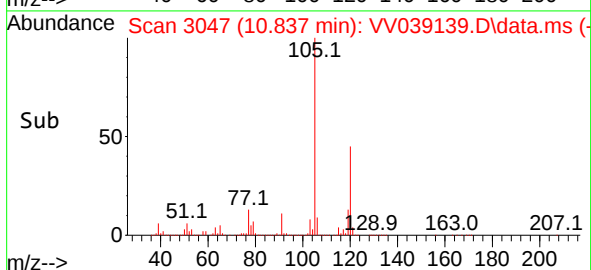
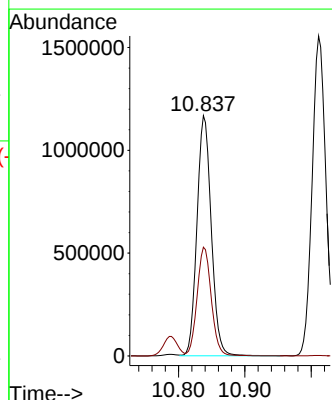
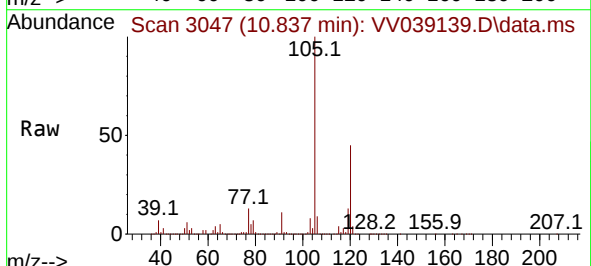
Acq: 22 Sep 2025 13:26

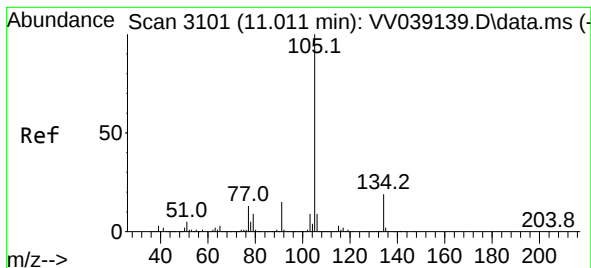
Tgt Ion:105 Resp: 1743425

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 54.737 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

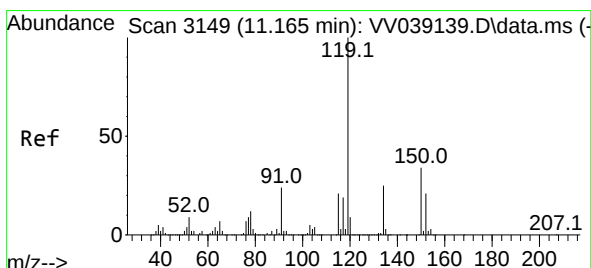
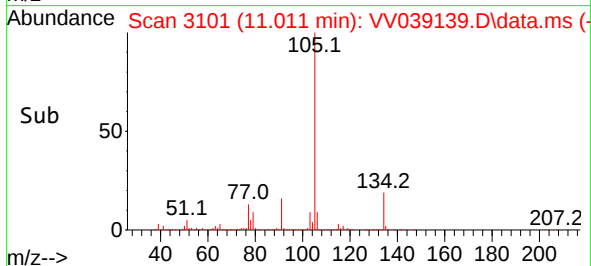
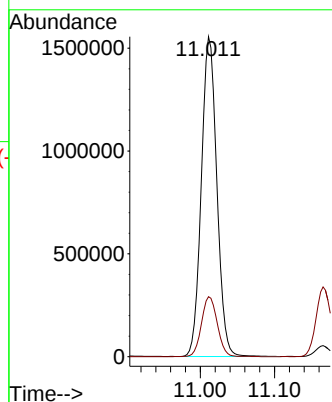
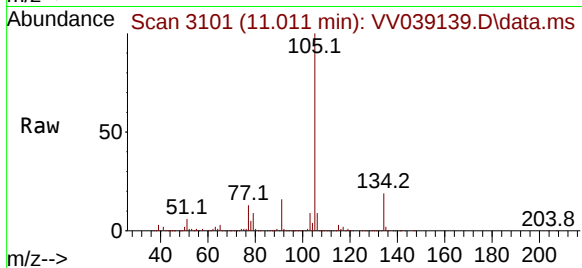
VSTDICCC050

Tgt Ion:105 Resp: 2252781

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 55.479 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

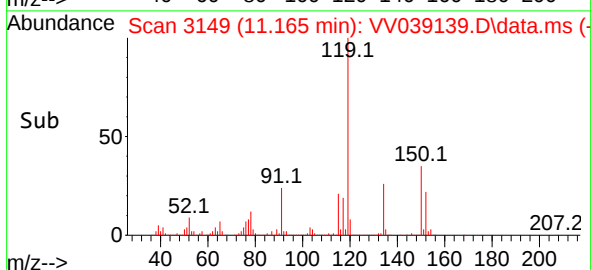
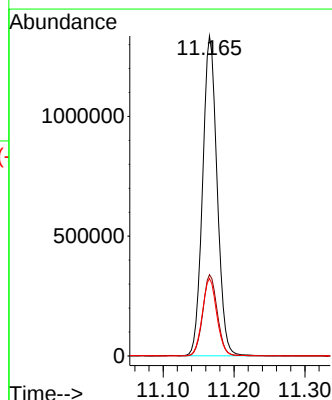
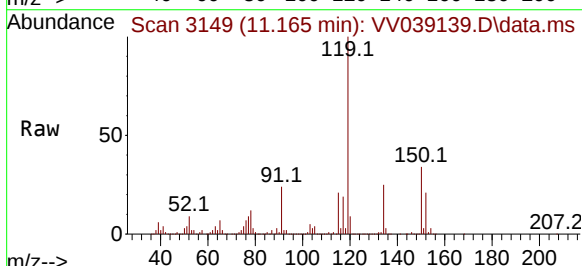
Tgt Ion:119 Resp: 1900412

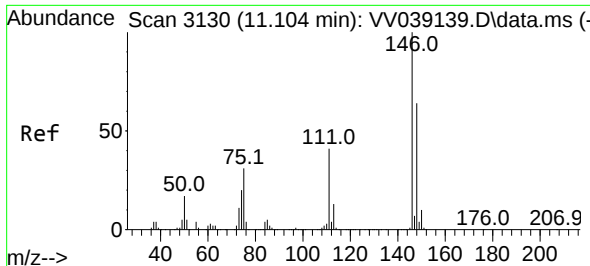
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.1 12.0 36.1

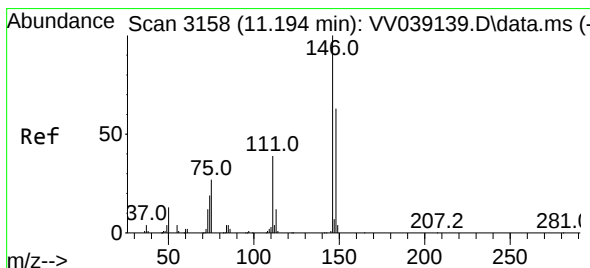
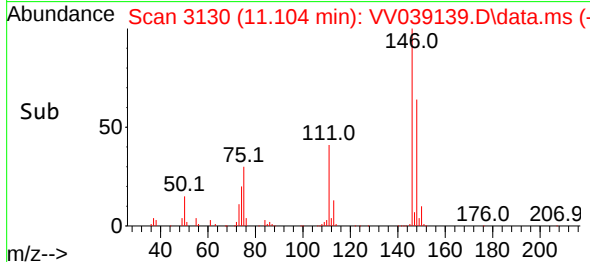
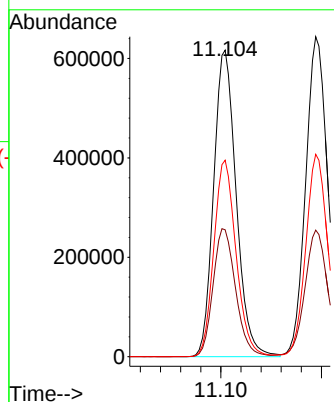
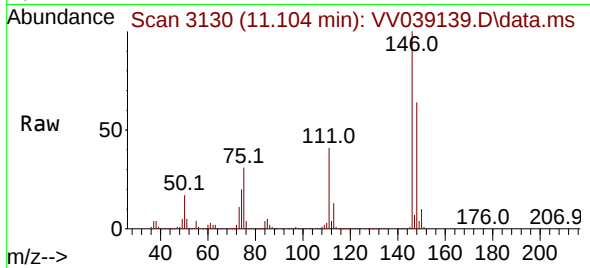




#87
1,3-Dichlorobenzene
Concen: 48.769 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

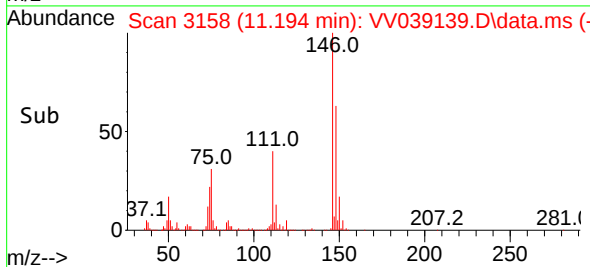
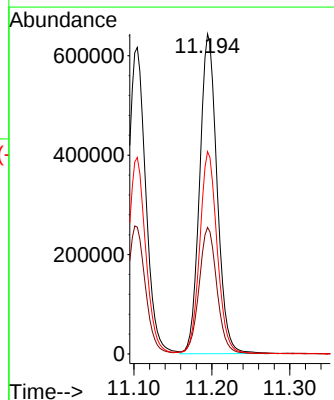
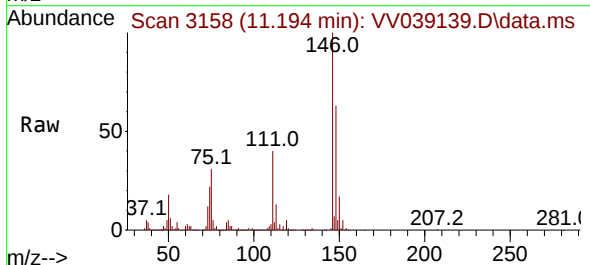
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

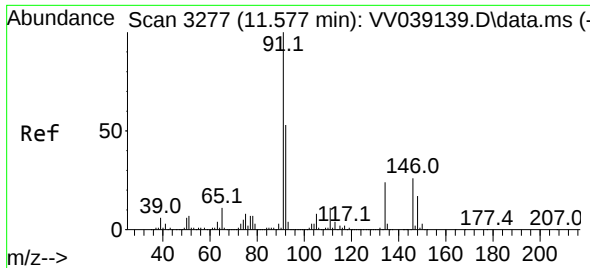
Tgt Ion:146 Resp: 958701
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 45.957 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:146 Resp: 998426
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 62.8 31.4 94.2

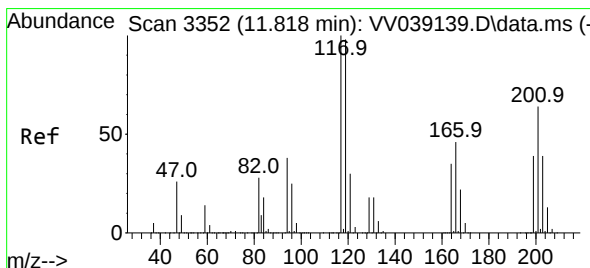
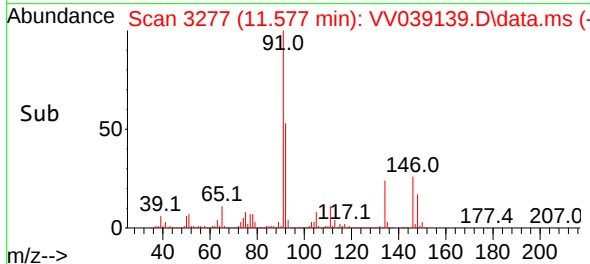
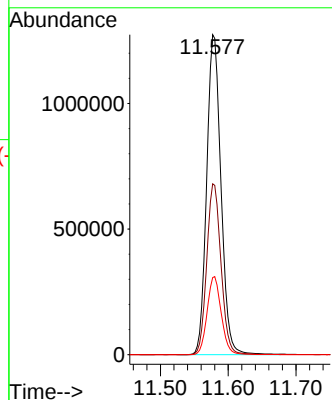
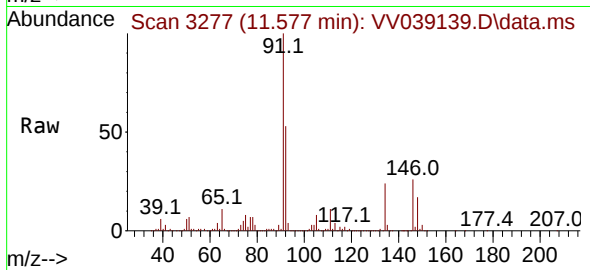




#89
n-Butylbenzene
Concen: 57.003 ug/l
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

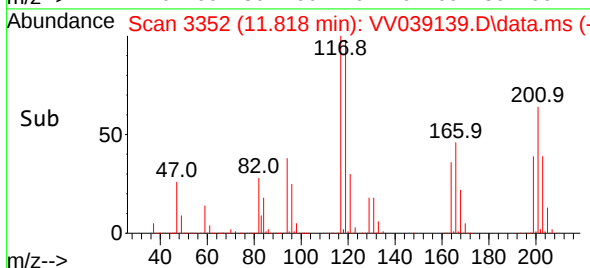
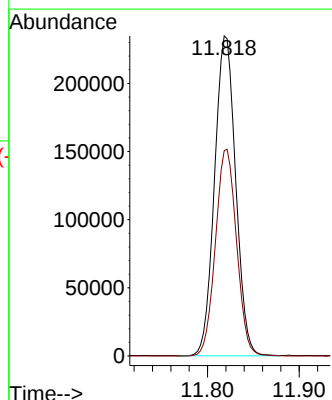
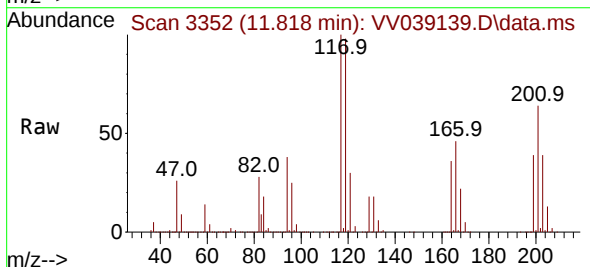
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

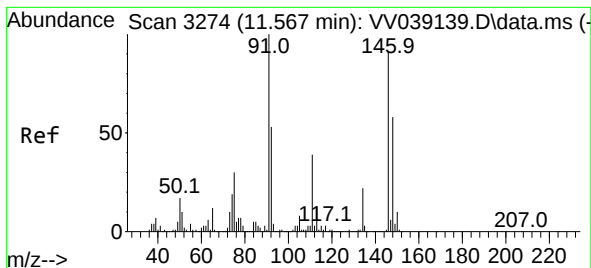
Tgt Ion: 91 Resp: 1864844
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.2 12.1 36.3



#90
Hexachloroethane
Concen: 44.553 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion: 117 Resp: 375818
Ion Ratio Lower Upper
117 100
201 64.5 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 48.848 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

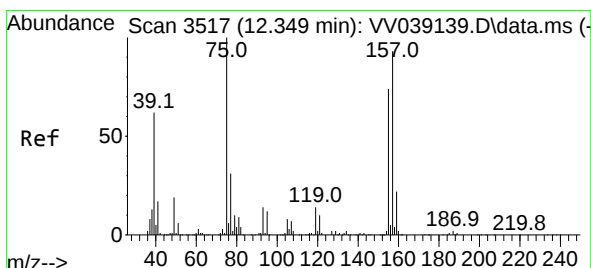
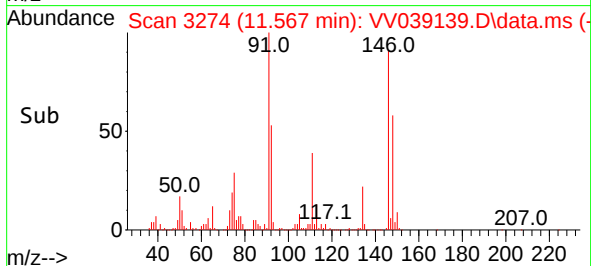
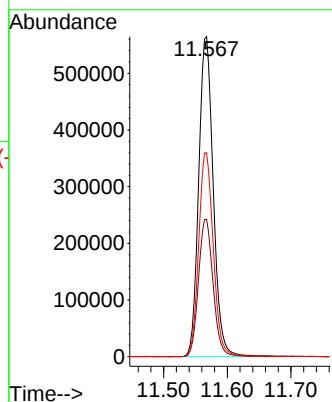
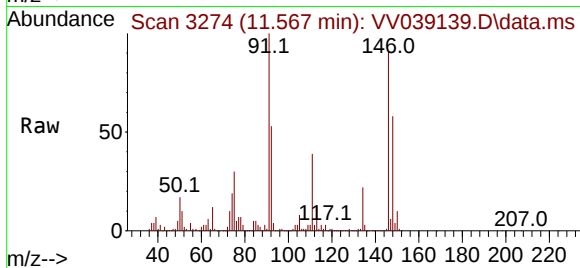
Tgt Ion:146 Resp: 897135

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.928 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039139.D

Acq: 22 Sep 2025 13:26

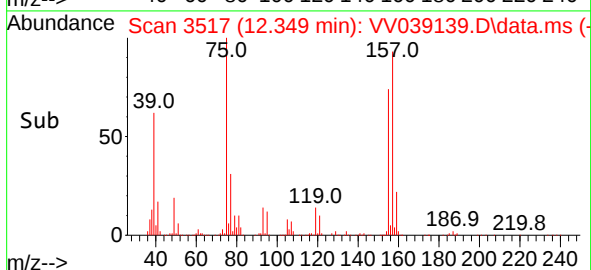
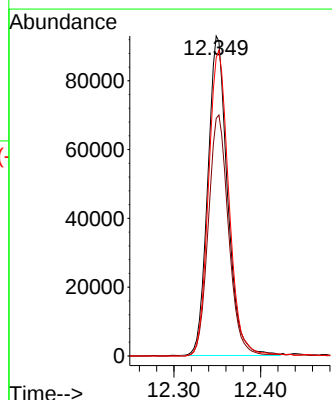
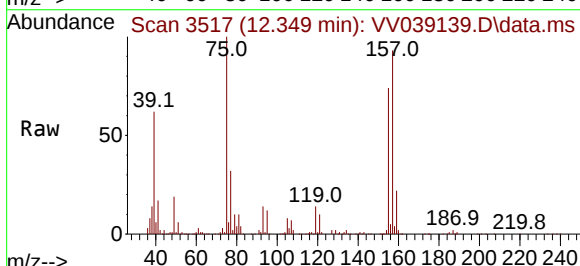
Tgt Ion: 75 Resp: 147329

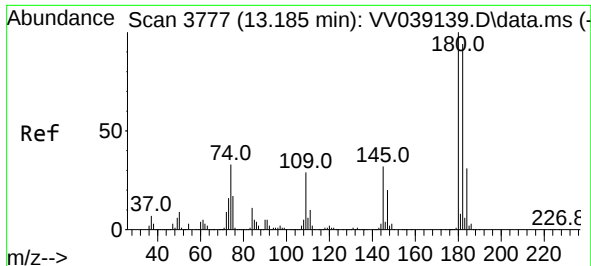
Ion Ratio Lower Upper

75 100

155 77.2 38.6 115.8

157 98.9 49.5 148.3

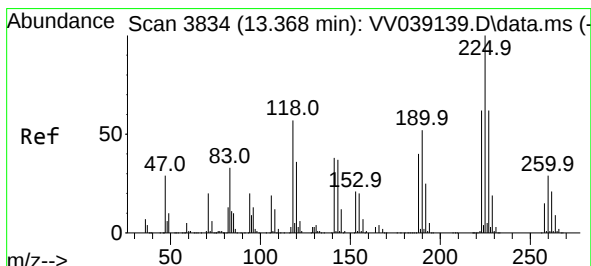
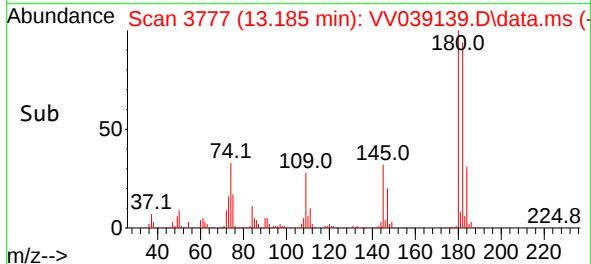
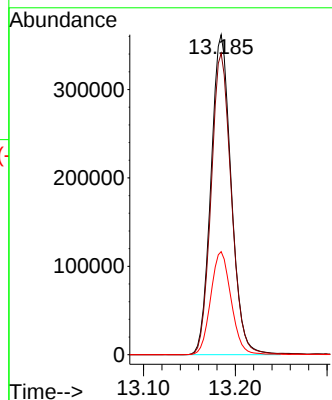
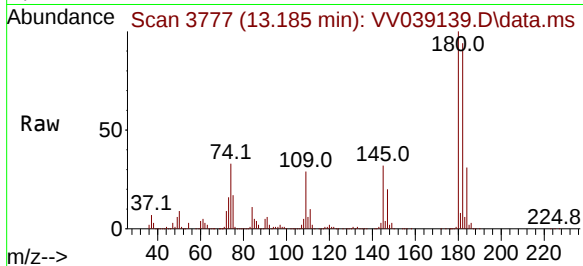




#93
1,2,4-Trichlorobenzene
Concen: 52.747 ug/l
RT: 13.185 min Scan# 3777
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

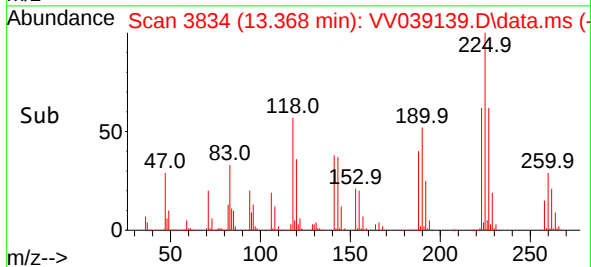
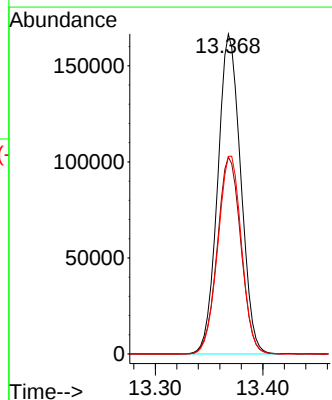
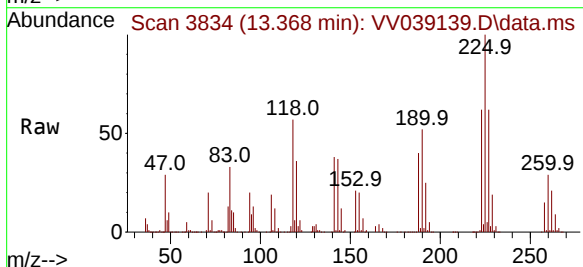
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

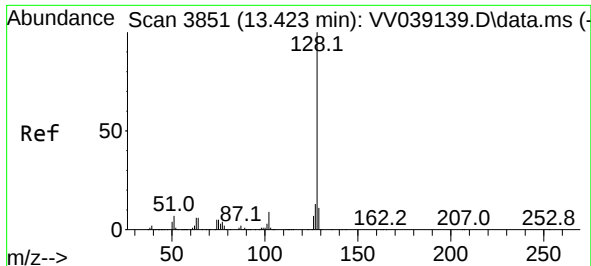
Tgt Ion:180 Resp: 555323
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 32.5 16.3 48.8



#94
Hexachlorobutadiene
Concen: 45.279 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:225 Resp: 247695
Ion Ratio Lower Upper
225 100
223 63.1 31.6 94.7
227 63.6 31.8 95.4

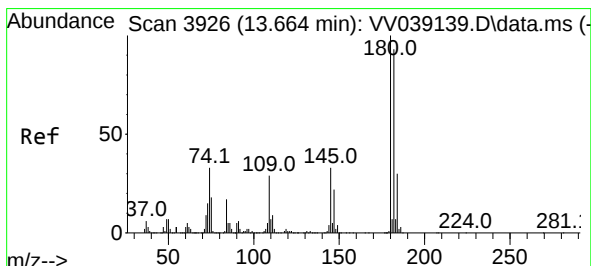
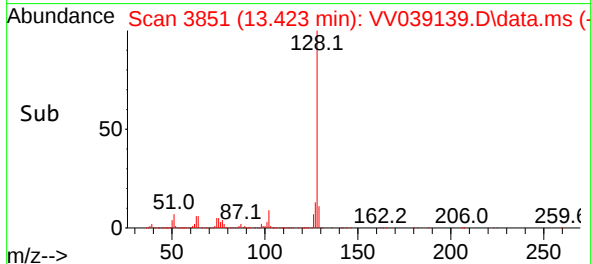
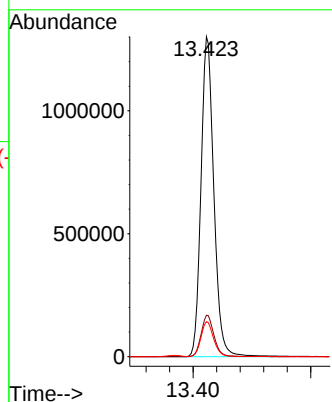
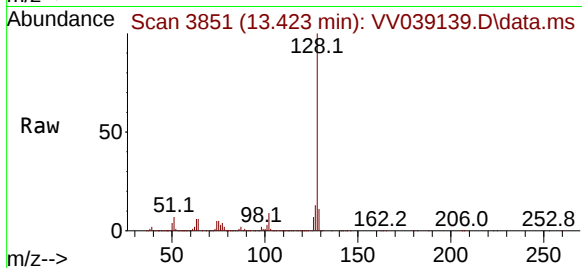




#95
Naphthalene
Concen: 58.135 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1968567
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.081 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. 0.000 min
Lab File: VV039139.D
Acq: 22 Sep 2025 13:26

Tgt Ion:180 Resp: 571563
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.8
145 34.0 17.0 51.0

