

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039166.D
 Acq On : 24 Sep 2025 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 25 08:25:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	590022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	942433	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	898605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	524252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	381629	44.691	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.380%
35) Dibromofluoromethane	4.500	113	368792	48.676	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.360%
50) Toluene-d8	7.236	98	1078465	48.466	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	10.001	95	495377	54.077	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	420739	45.047	ug/l	100
3) Chloromethane	1.230	50	435382	43.422	ug/l	98
4) Vinyl Chloride	1.298	62	497603	46.356	ug/l	99
5) Bromomethane	1.494	94	252283	37.282	ug/l	99
6) Chloroethane	1.558	64	318333	50.406	ug/l	97
7) Trichlorofluoromethane	1.725	101	728189	46.855	ug/l	98
8) Diethyl Ether	1.918	74	274880	47.644	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	433320	46.860	ug/l	98
10) Methyl Iodide	2.198	142	395915	44.960	ug/l	99
11) Tert butyl alcohol	2.571	59	445791	247.000	ug/l	100
12) 1,1-Dichloroethene	2.082	96	421136	47.340	ug/l	95
13) Acrolein	2.011	56	75081	239.742	ug/l	99
14) Allyl chloride	2.359	41	724676	45.604	ug/l	98
15) Acrylonitrile	2.674	53	1316625	227.567	ug/l	99
16) Acetone	2.117	43	1097364	204.771	ug/l	100
17) Carbon Disulfide	2.252	76	1224168	44.995	ug/l	99
18) Methyl Acetate	2.378	43	623767	49.300	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	1369534	48.312	ug/l	100
20) Methylene Chloride	2.458	84	482559	52.478	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	441287	46.596	ug/l	99
22) Diisopropyl ether	3.217	45	1430290	47.044	ug/l	99
23) Vinyl Acetate	3.188	43	6120027	230.107	ug/l	98
24) 1,1-Dichloroethane	3.117	63	834822	44.901	ug/l	99
25) 2-Butanone	3.867	43	1606751	234.972	ug/l	96
26) 2,2-Dichloropropane	3.812	77	615365	37.328	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	512130	49.032	ug/l	97
28) Bromochloromethane	4.146	49	408540	49.773	ug/l	94
29) Tetrahydrofuran	4.236	42	1078893	252.071	ug/l	98
30) Chloroform	4.278	83	866922	44.653	ug/l	99
31) Cyclohexane	4.584	56	717888	47.134	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	759830	45.206	ug/l	99
36) 1,1-Dichloropropene	4.744	75	562884	49.140	ug/l	98
37) Ethyl Acetate	3.976	43	639265	45.992	ug/l	98
38) Carbon Tetrachloride	4.735	117	649922	46.425	ug/l	99
39) Methylcyclohexane	6.047	83	760164	54.953	ug/l	98
40) Benzene	5.008	78	1841416	49.367	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	298955	47.663	ug/l	99
42) 1,2-Dichloroethane	5.040	62	605665	46.341	ug/l	99
43) Isopropyl Acetate	5.194	43	972884	51.335	ug/l	98
44) Trichloroethene	5.831	130	443082	51.477	ug/l	98
45) 1,2-Dichloropropane	6.088	63	466412	50.306	ug/l	98
46) Dibromomethane	6.223	93	340238	47.947	ug/l	97
47) Bromodichloromethane	6.426	83	697900	47.573	ug/l	98
48) Methyl methacrylate	6.297	41	459526	53.490	ug/l	97
49) 1,4-Dioxane	6.291	88	161854	1167.463	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	3302013	264.841	ug/l	98
52) Toluene	7.307	92	1152054	53.269	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	672066	52.568	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	731128	51.803	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	468128	48.274	ug/l	98
56) Ethyl methacrylate	7.715	69	674347	58.557	ug/l	96
57) 1,3-Dichloropropane	7.934	76	762291	49.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1398286	216.381	ug/l	99
59) 2-Hexanone	8.063	43	2444906	243.001	ug/l	98
60) Dibromochloromethane	8.169	129	532611	48.202	ug/l	98
61) 1,2-Dibromoethane	8.272	107	499657	50.383	ug/l	100
64) Tetrachloroethene	7.895	164	399259	53.046	ug/l	98
65) Chlorobenzene	8.802	112	1281015	51.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	440269	48.681	ug/l	100
67) Ethyl Benzene	8.937	91	2154520	56.865	ug/l	99
68) m/p-Xylenes	9.062	106	1718495	117.516	ug/l	100
69) o-Xylene	9.468	106	783947	60.545	ug/l	97
70) Styrene	9.484	104	1413541	51.498	ug/l	100
71) Bromoform	9.654	173	358921	50.807	ug/l #	100
73) Isopropylbenzene	9.857	105	2149687	56.535	ug/l	100
74) N-amyl acetate	9.725	43	852690	56.220	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	745417	44.742	ug/l	98
76) 1,2,3-Trichloropropane	10.197	75	568427	47.621	ug/l	97
77) Bromobenzene	10.140	156	503838	51.072	ug/l	100
78) n-propylbenzene	10.278	91	2610089	56.368	ug/l	99
79) 2-Chlorotoluene	10.349	91	1526214	55.084	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1823188	57.686	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	239117	48.092	ug/l	100
82) 4-Chlorotoluene	10.461	91	1781468	55.449	ug/l	99
83) tert-Butylbenzene	10.789	119	1744256	55.346	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1821461	59.363	ug/l	100
85) sec-Butylbenzene	11.011	105	2350769	56.237	ug/l	100
86) p-Isopropyltoluene	11.165	119	1957660	56.269	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1006247	50.399	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1035019	47.251	ug/l	99
89) n-Butylbenzene	11.580	91	1876100	56.463	ug/l	99
90) Hexachloroethane	11.818	117	385367	44.980	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	948874	50.868	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	157643	52.471	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	589836	55.161	ug/l	100
94) Hexachlorobutadiene	13.368	225	261026	46.980	ug/l	99
95) Naphthalene	13.422	128	2092639	60.549	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	600961	54.951	ug/l	99

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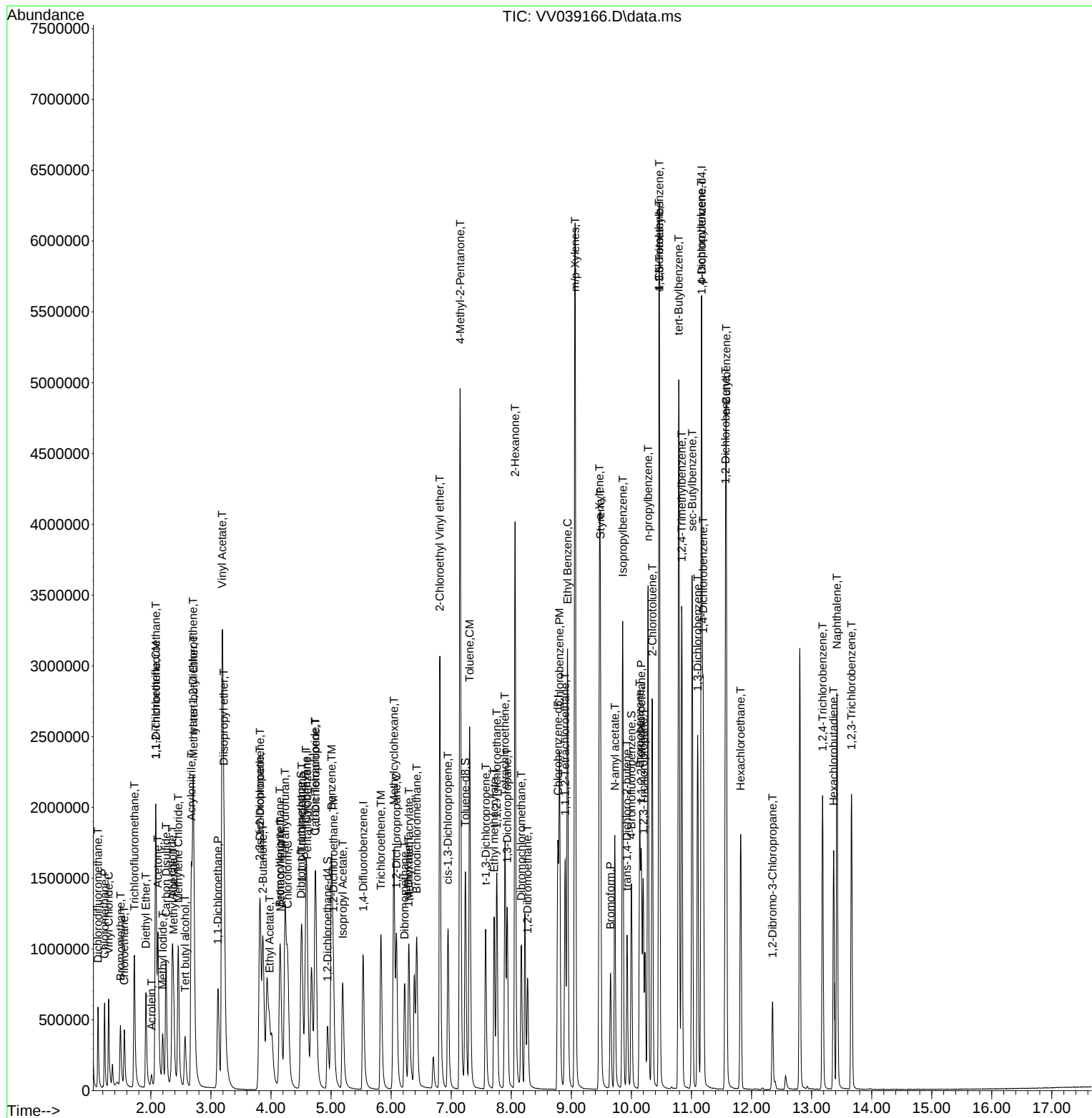
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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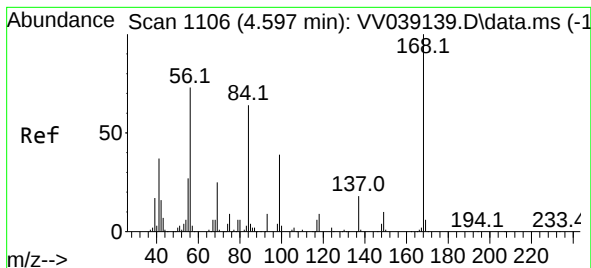
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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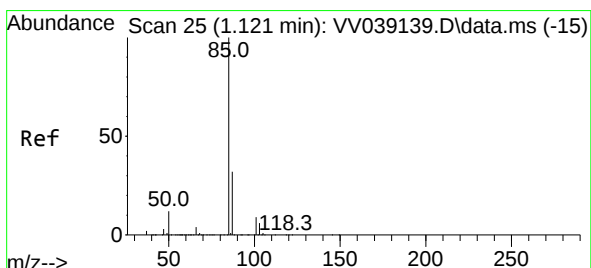
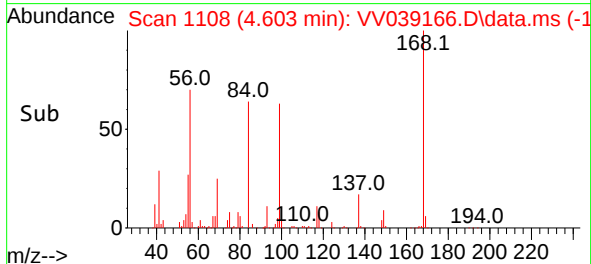
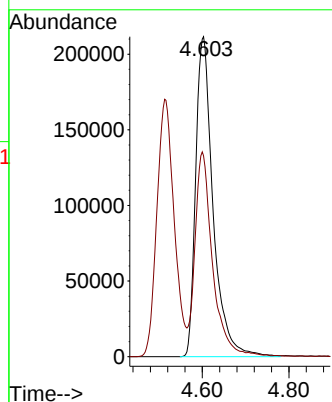
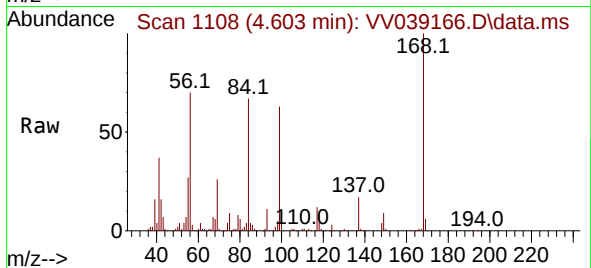




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
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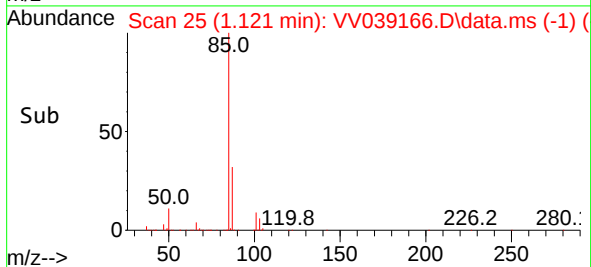
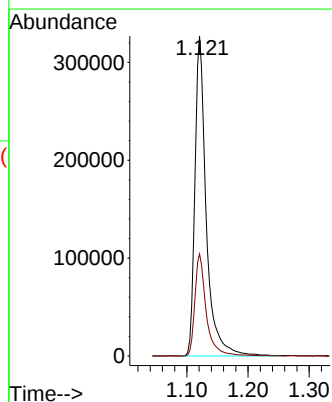
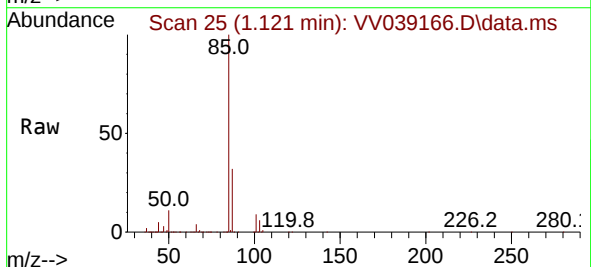
Instrument :
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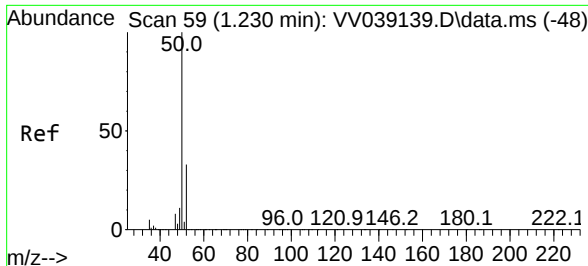
Tgt Ion:168 Resp: 590022
Ion Ratio Lower Upper
168 100
99 62.4 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 45.047 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 85 Resp: 420739
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9

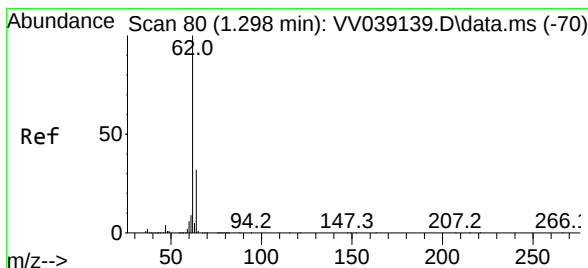
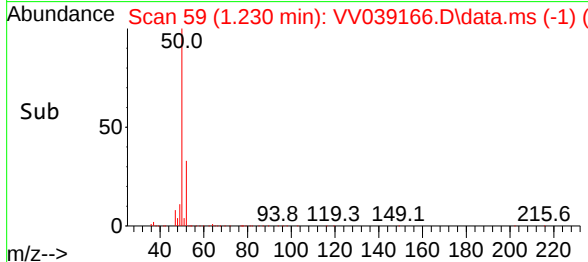
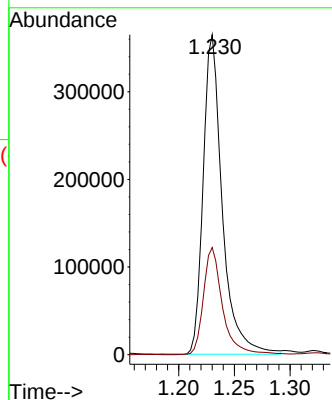
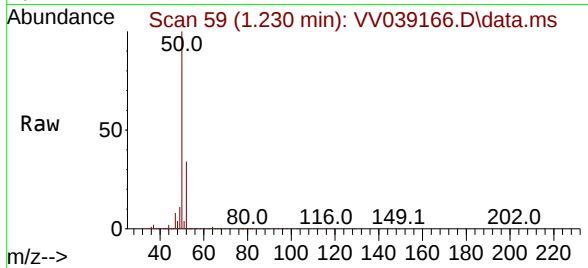




#3
Chloromethane
Concen: 43.422 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039166.D
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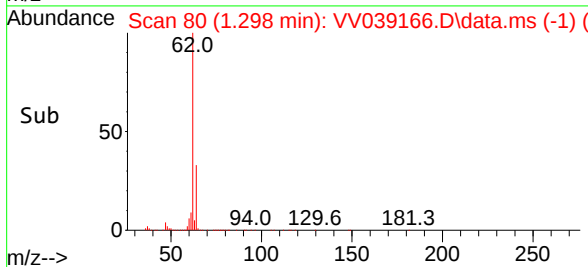
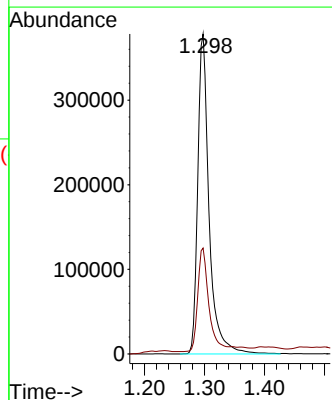
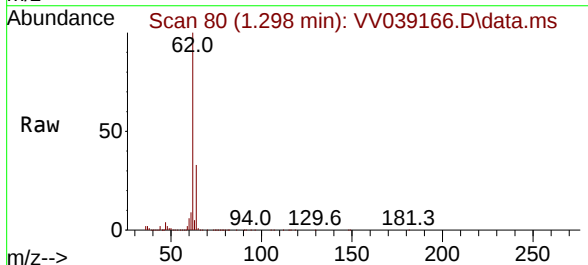
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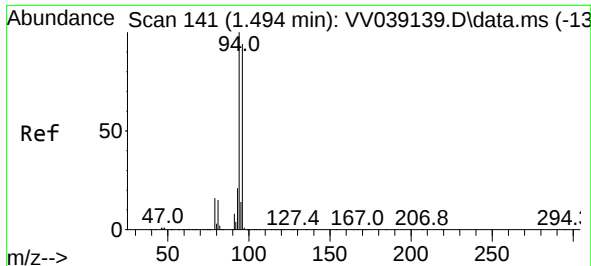
Tgt Ion: 50 Resp: 435382
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 46.356 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039166.D
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Tgt Ion: 62 Resp: 497603
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4

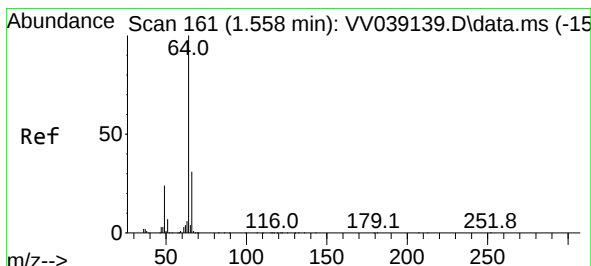
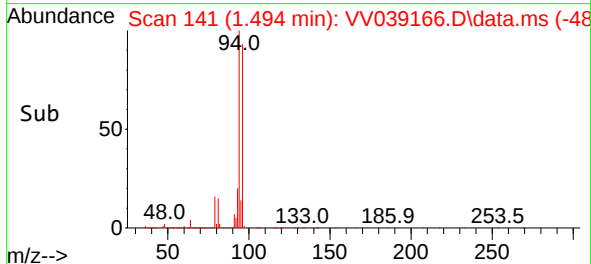
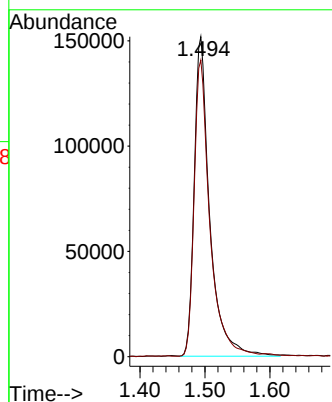
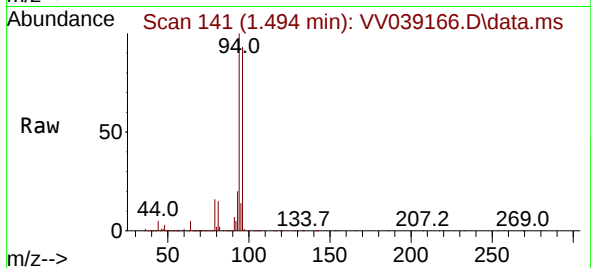




#5
Bromomethane
Concen: 37.282 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039166.D
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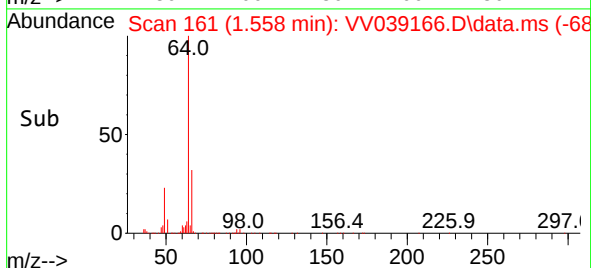
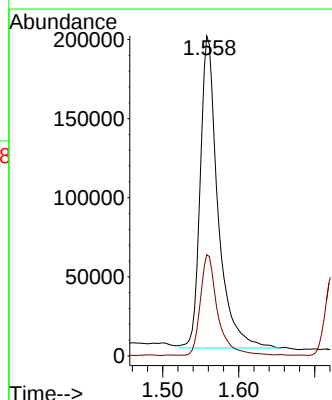
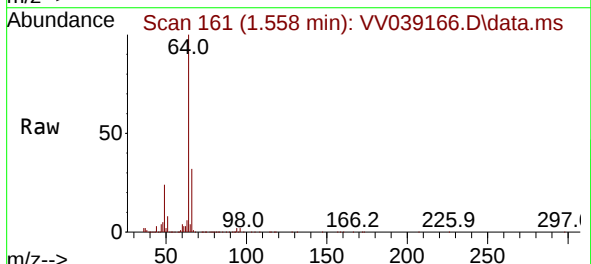
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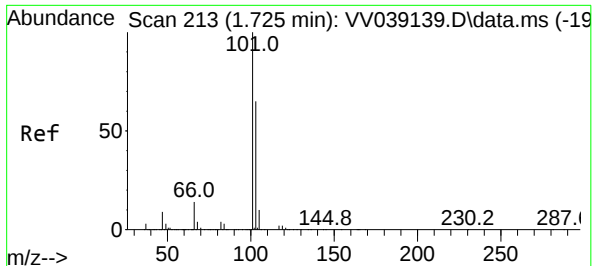
Tgt Ion: 94 Resp: 252283
Ion Ratio Lower Upper
94 100
96 92.7 74.9 112.3



#6
Chloroethane
Concen: 50.406 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 318333
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8

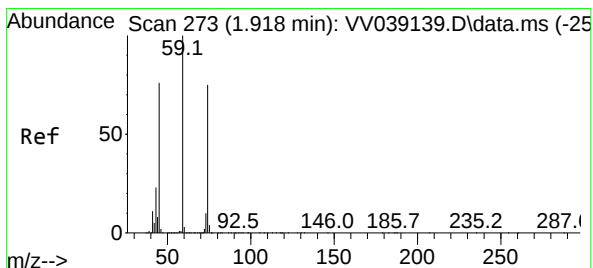
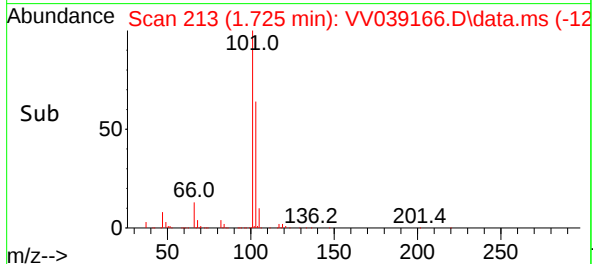
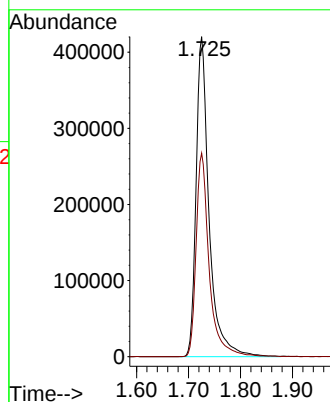
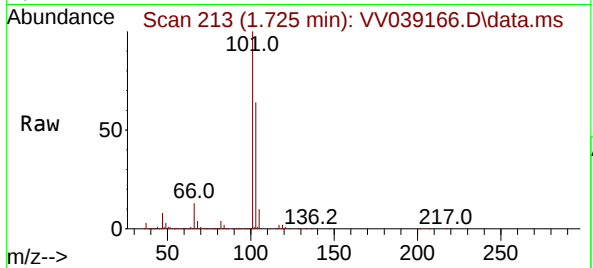




#7
Trichlorofluoromethane
Concen: 46.855 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039166.D
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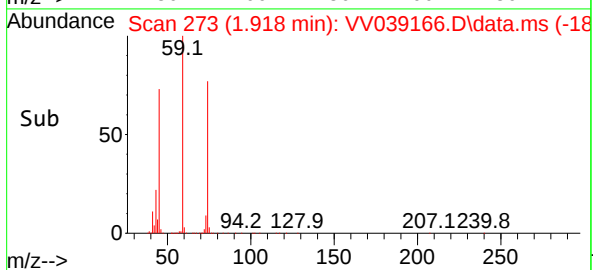
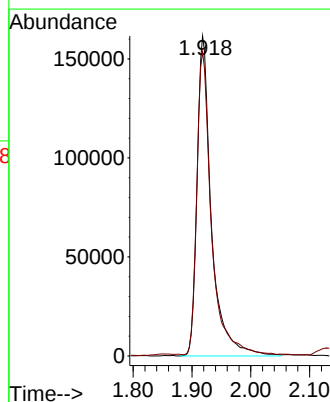
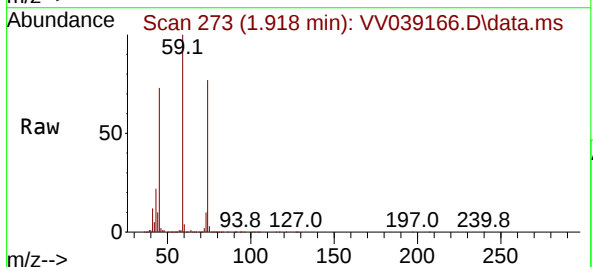
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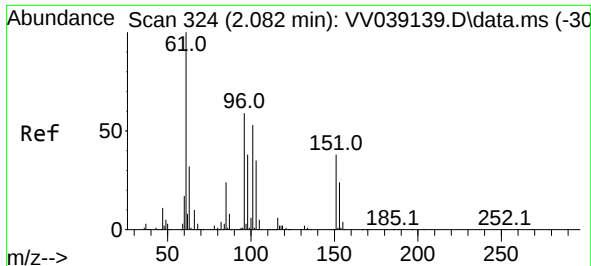
Tgt Ion:101 Resp: 728189
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0



#8
Diethyl Ether
Concen: 47.644 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039166.D
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Tgt Ion: 74 Resp: 274880
Ion Ratio Lower Upper
74 100
45 95.4 49.6 148.8

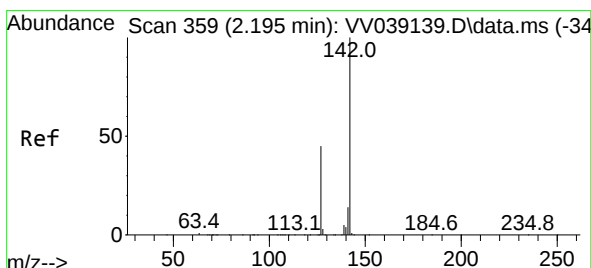
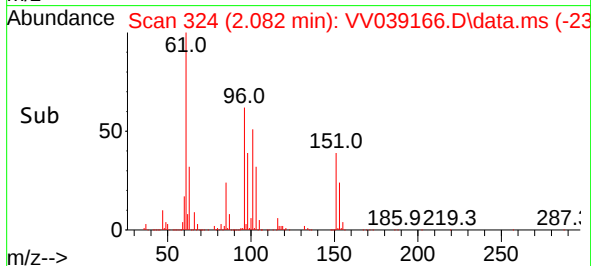
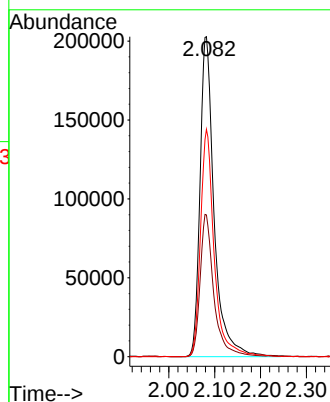
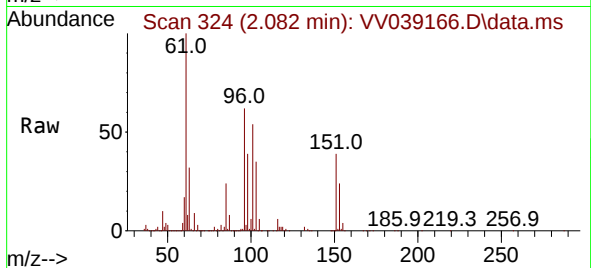




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.860 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

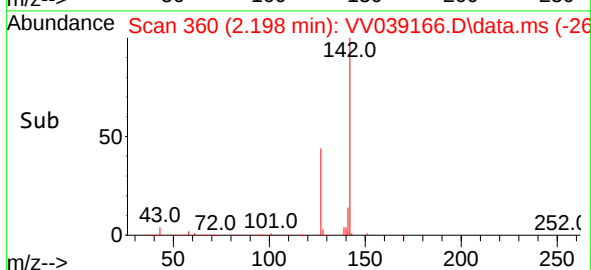
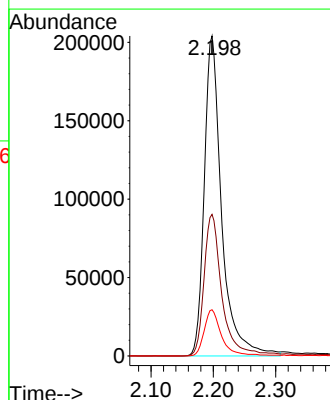
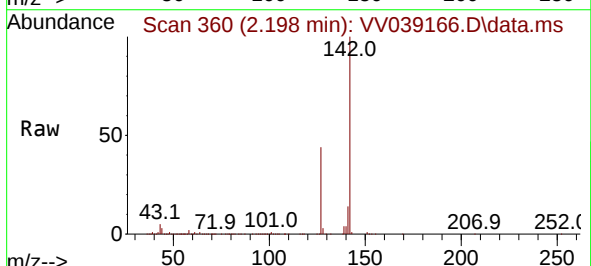
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

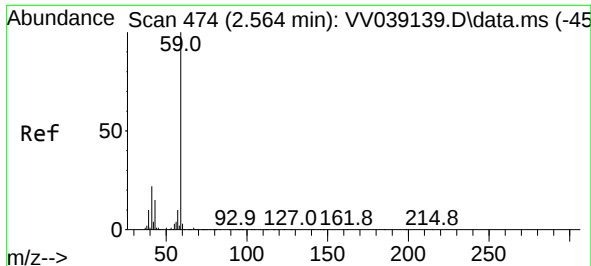
Tgt Ion:101 Resp: 433320
Ion Ratio Lower Upper
101 100
85 43.3 36.2 54.2
151 69.2 56.3 84.5



#10
Methyl Iodide
Concen: 44.960 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion:142 Resp: 395915
Ion Ratio Lower Upper
142 100
127 45.8 36.3 54.5
141 14.6 11.2 16.8

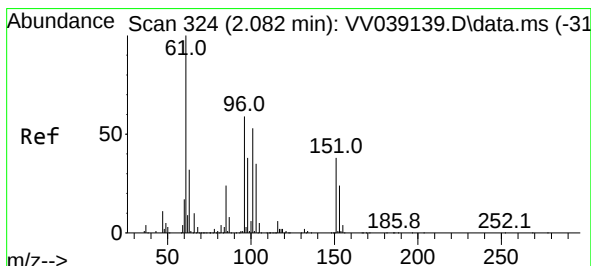
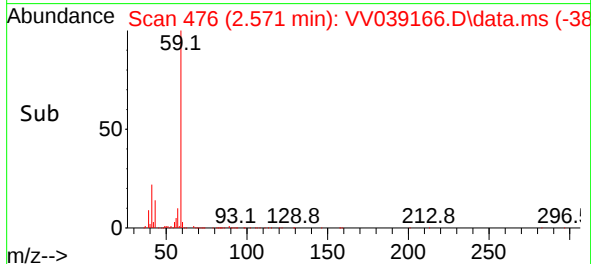
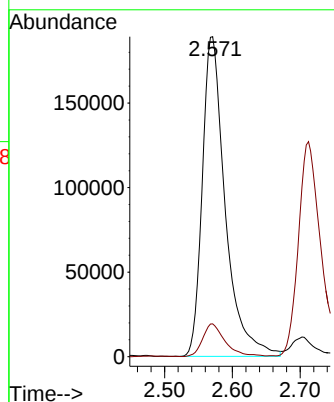
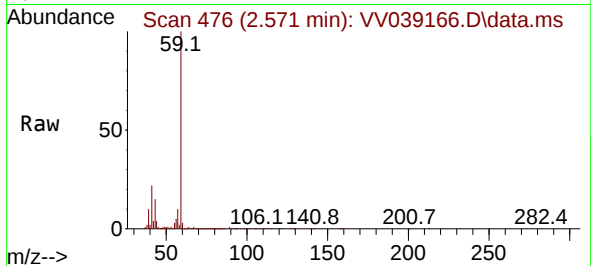




#11
Tert butyl alcohol
Concen: 247.000 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

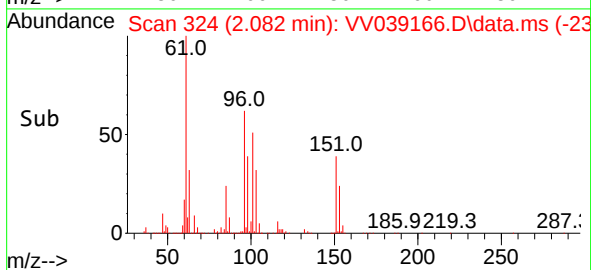
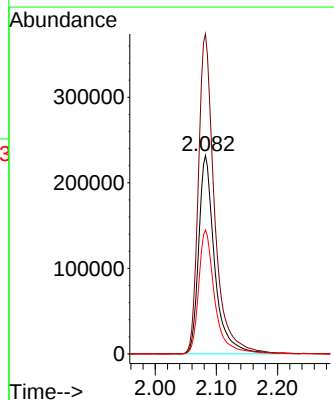
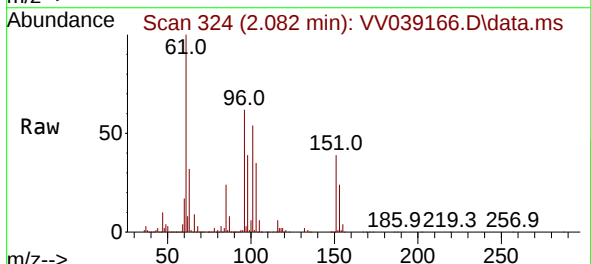
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

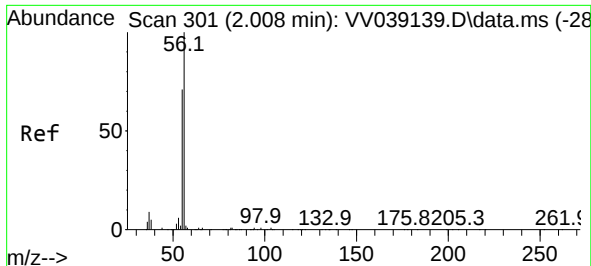
Tgt Ion: 59 Resp: 445791
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.340 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 96 Resp: 421136
Ion Ratio Lower Upper
96 100
61 161.3 136.0 204.0
98 62.5 51.0 76.6

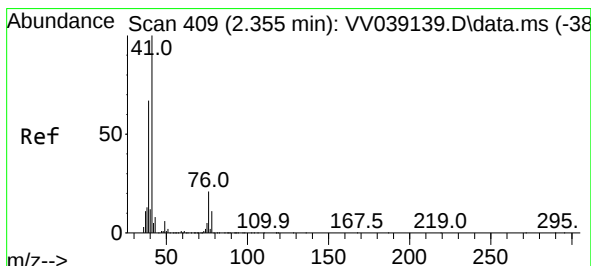
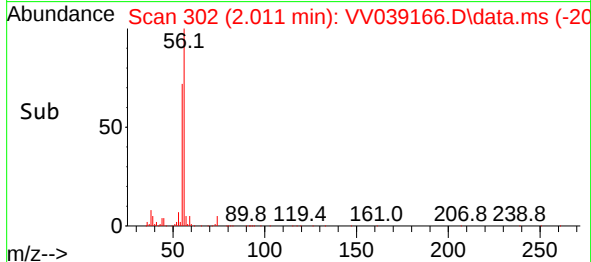
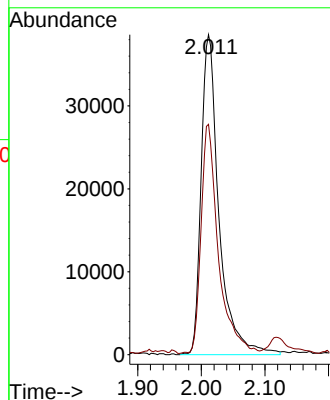
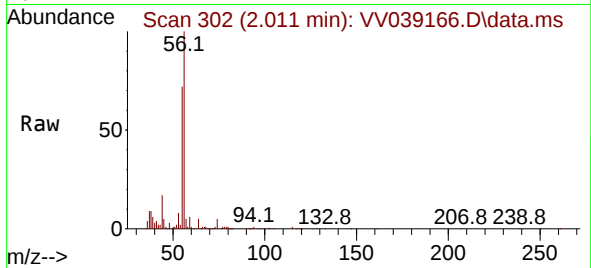




#13
Acrolein
Concen: 239.742 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

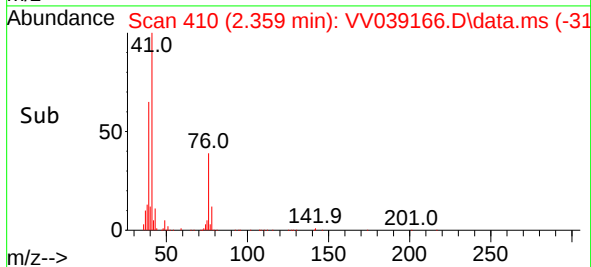
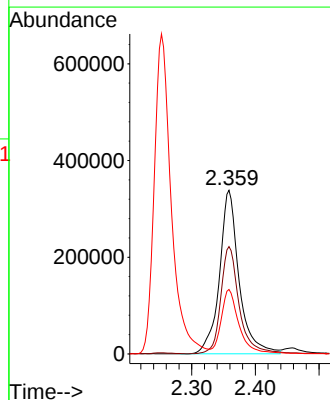
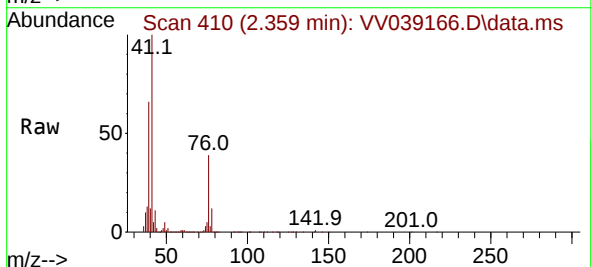
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

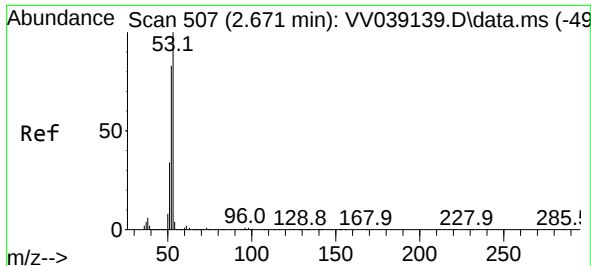
Tgt Ion: 56 Resp: 75081
Ion Ratio Lower Upper
56 100
55 69.5 56.2 84.4



#14
Allyl chloride
Concen: 45.604 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 41 Resp: 724676
Ion Ratio Lower Upper
41 100
39 61.7 51.0 76.6
76 35.9 28.2 42.4

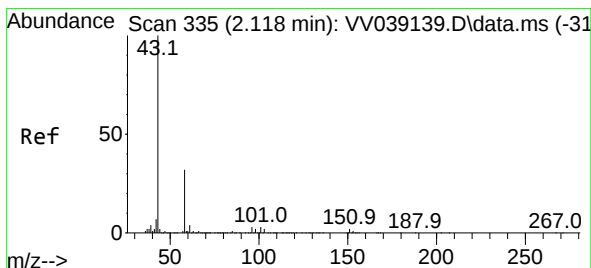
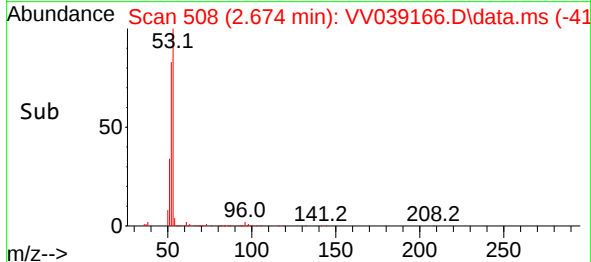
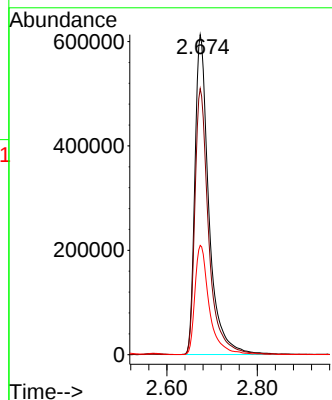
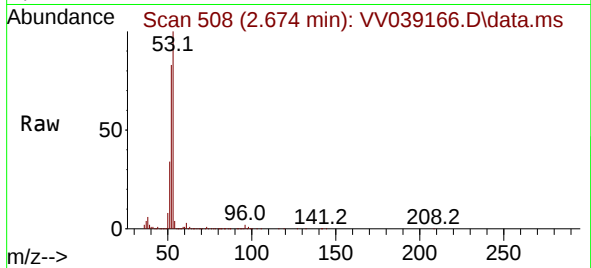




#15
Acrylonitrile
Concen: 227.567 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

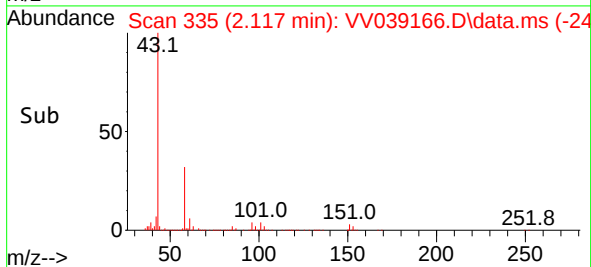
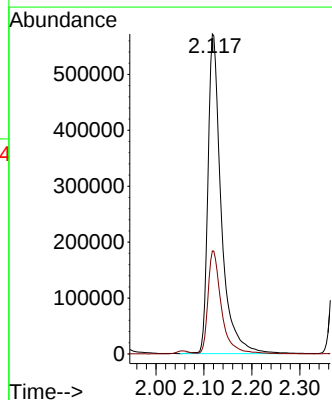
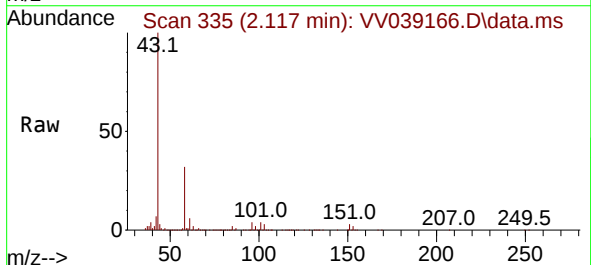
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

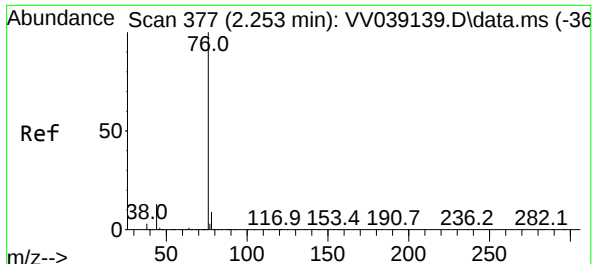
Tgt Ion: 53 Resp: 1316625
Ion Ratio Lower Upper
53 100
52 81.8 66.1 99.1
51 34.9 28.5 42.7



#16
Acetone
Concen: 204.771 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 43 Resp: 1097364
Ion Ratio Lower Upper
43 100
58 32.1 25.8 38.6

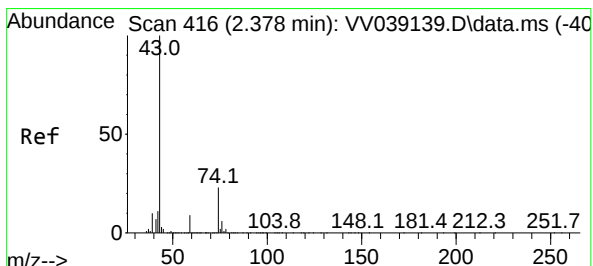
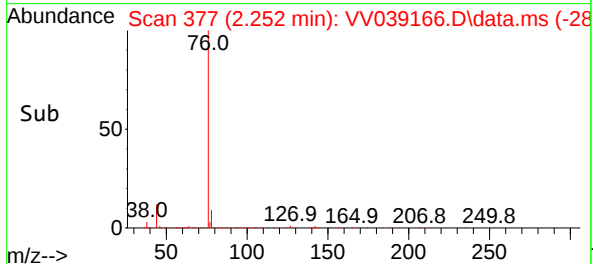
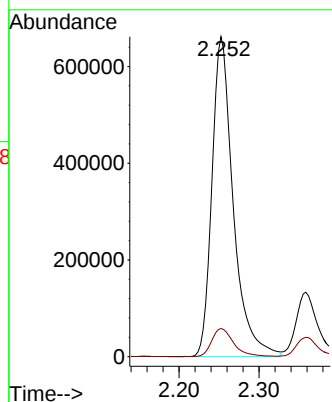
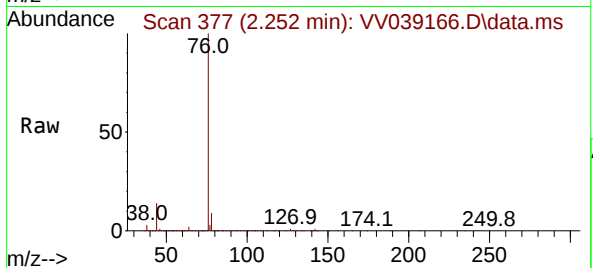




#17
Carbon Disulfide
Concen: 44.995 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

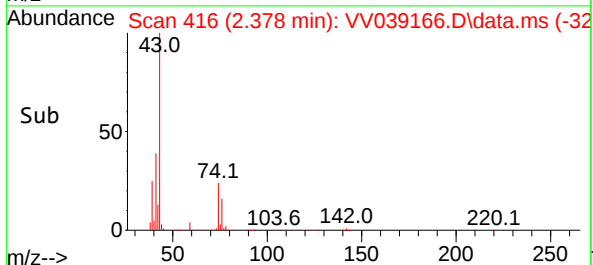
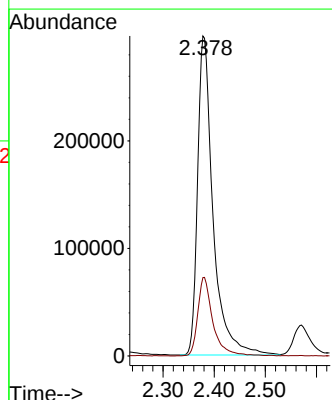
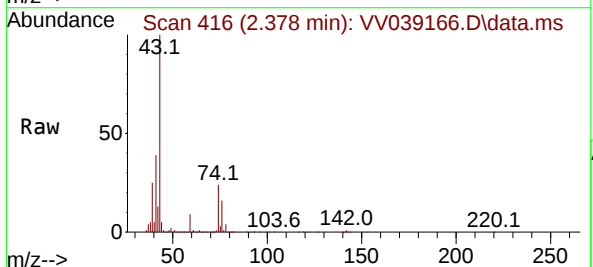
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

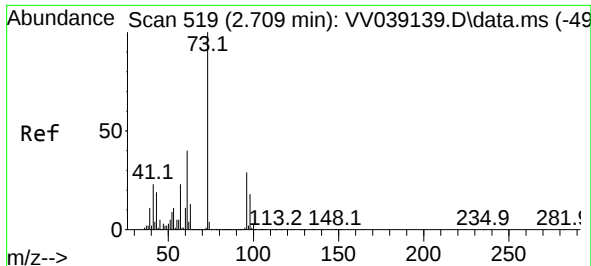
Tgt Ion: 76 Resp: 1224168
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 49.300 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 43 Resp: 623767
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8

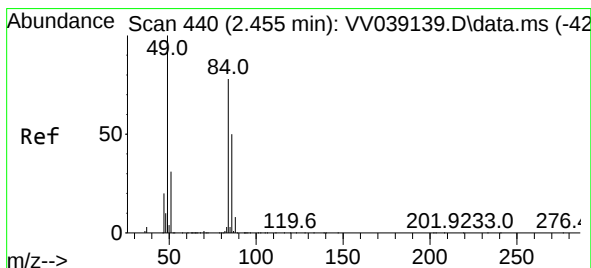
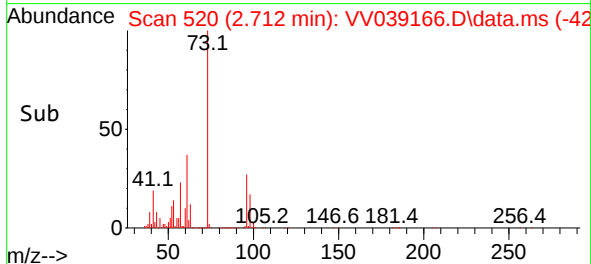
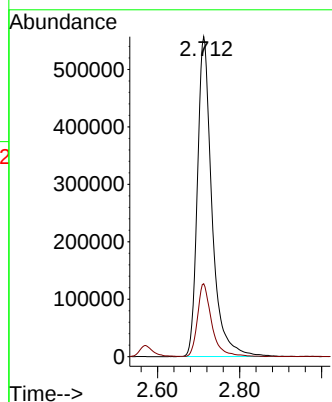
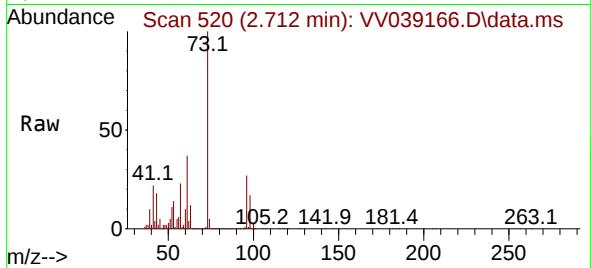




#19
Methyl tert-butyl Ether
Concen: 48.312 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

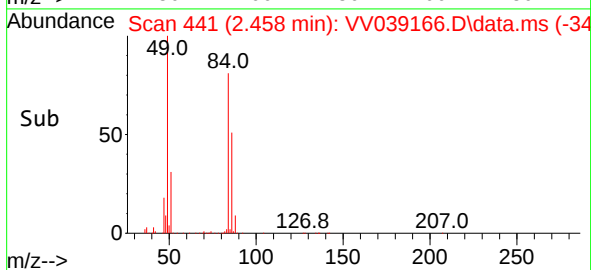
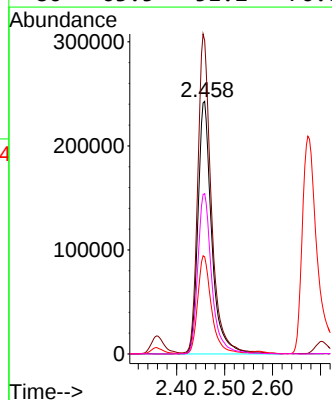
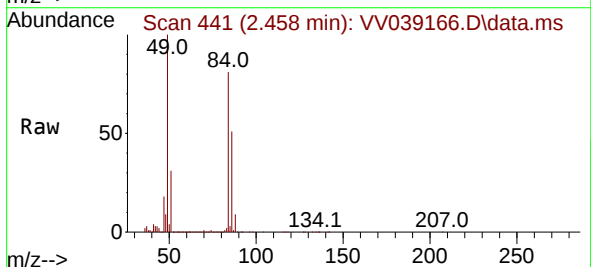
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

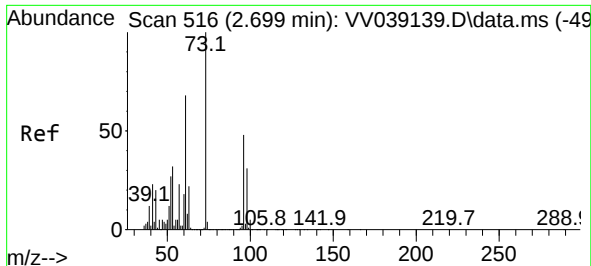
Tgt Ion: 73 Resp: 1369534
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 52.478 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 84 Resp: 482559
Ion Ratio Lower Upper
84 100
49 123.8 102.8 154.2
51 38.3 31.9 47.9
86 63.5 51.2 76.8

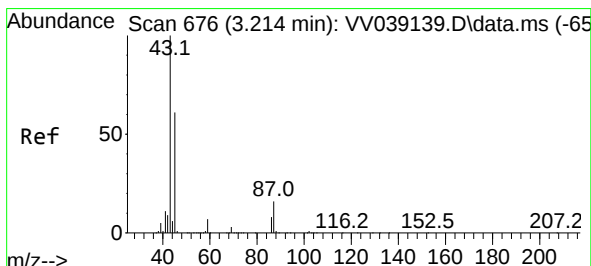
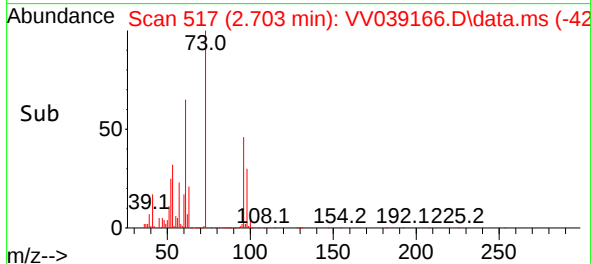
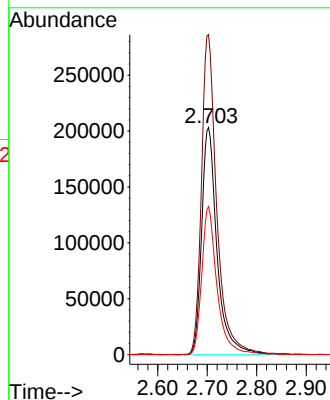
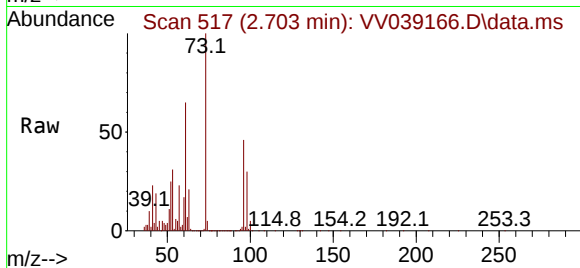




#21
trans-1,2-Dichloroethene
Concen: 46.596 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

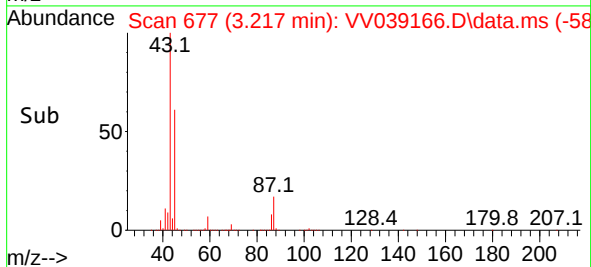
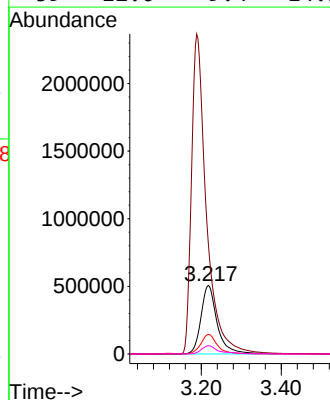
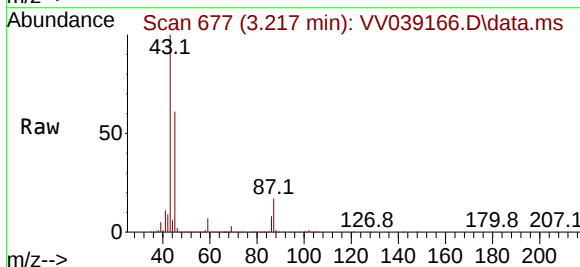
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

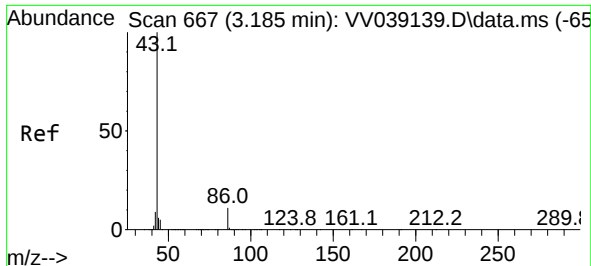
Tgt Ion: 96 Resp: 441287
Ion Ratio Lower Upper
96 100
61 140.9 112.8 169.2
98 65.2 51.1 76.7



#22
Diisopropyl ether
Concen: 47.044 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 45 Resp: 1430290
Ion Ratio Lower Upper
45 100
43 164.0 130.9 196.3
87 28.5 21.1 31.7
59 12.0 9.4 14.2

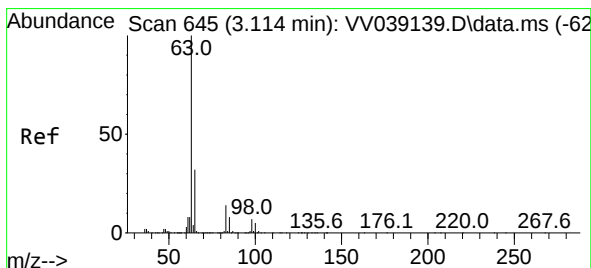
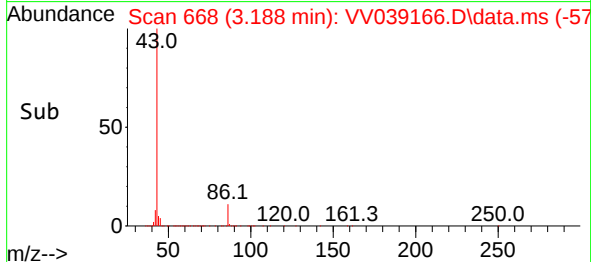
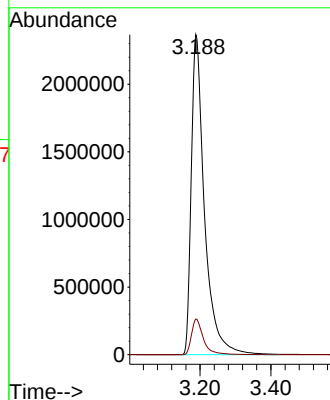
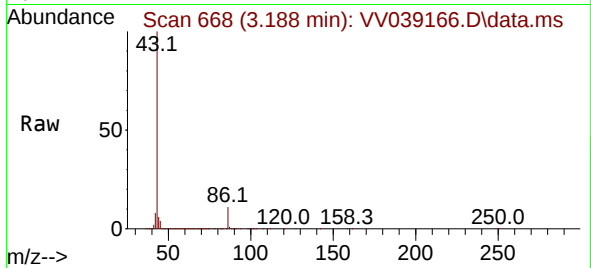




#23
 Vinyl Acetate
 Concen: 230.107 ug/l
 RT: 3.188 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV039166.D
 Acq: 24 Sep 2025 20:22

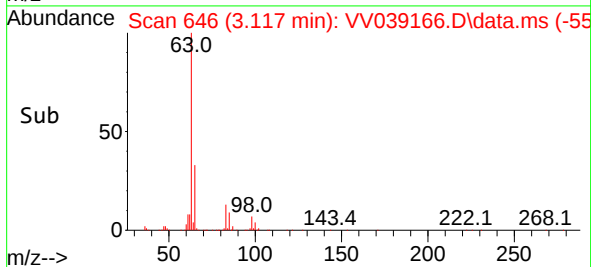
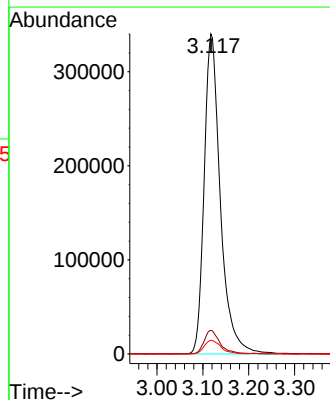
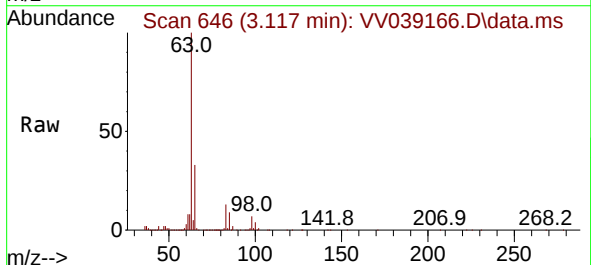
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

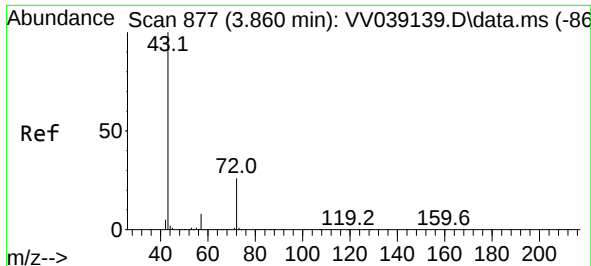
Tgt Ion: 43 Resp: 6120027
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 44.901 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039166.D
 Acq: 24 Sep 2025 20:22

Tgt Ion: 63 Resp: 834822
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.3 2.2 6.6

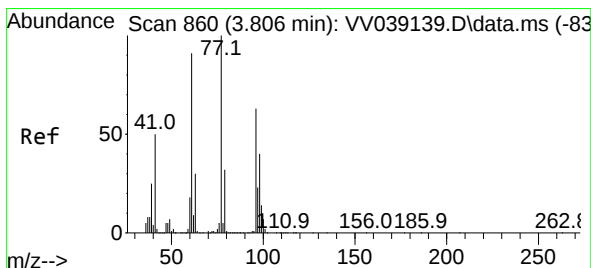
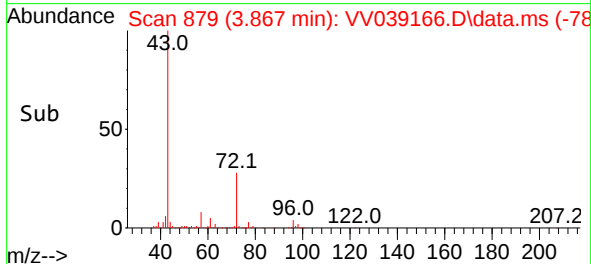
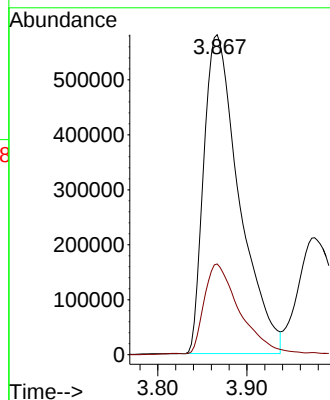
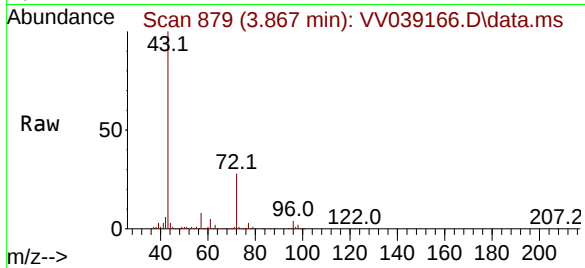




#25
2-Butanone
Concen: 234.972 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

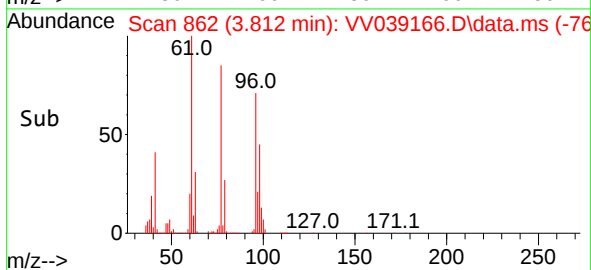
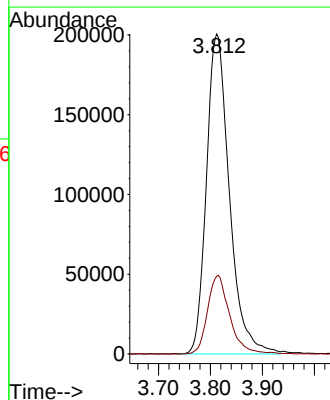
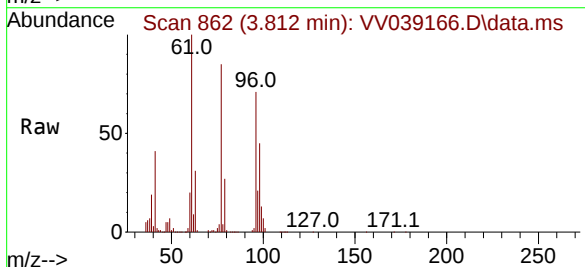
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

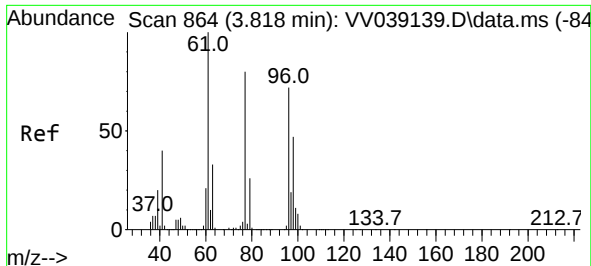
Tgt Ion: 43 Resp: 1606751
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 37.328 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 77 Resp: 615365
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7

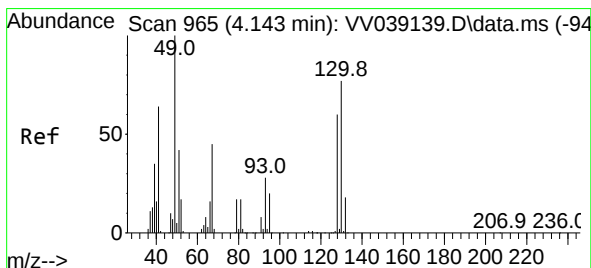
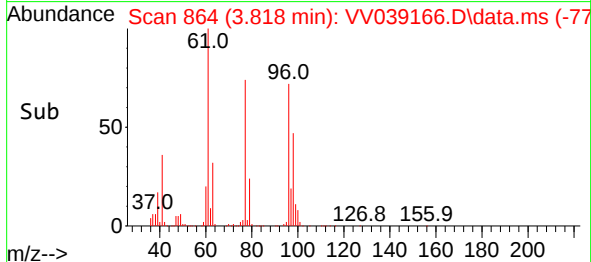
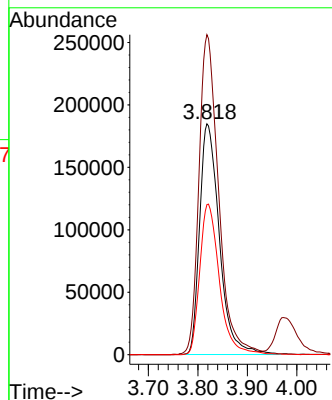
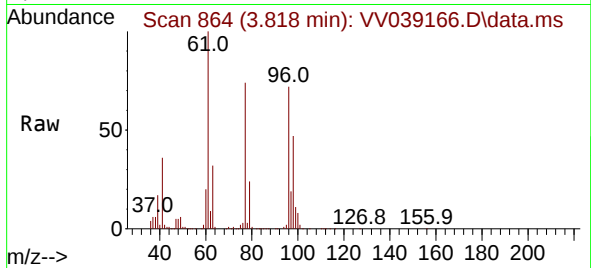




#27
 cis-1,2-Dichloroethene
 Concen: 49.032 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039166.D
 Acq: 24 Sep 2025 20:22

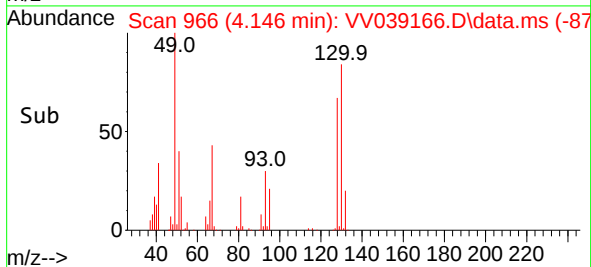
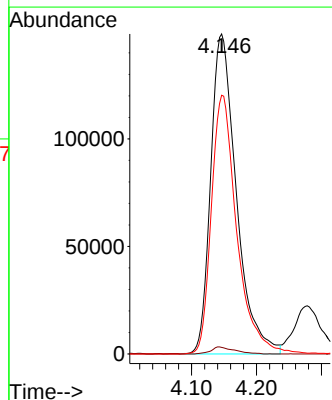
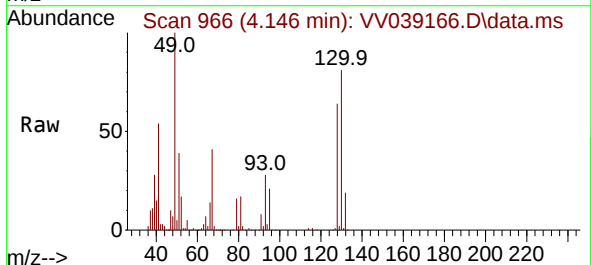
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

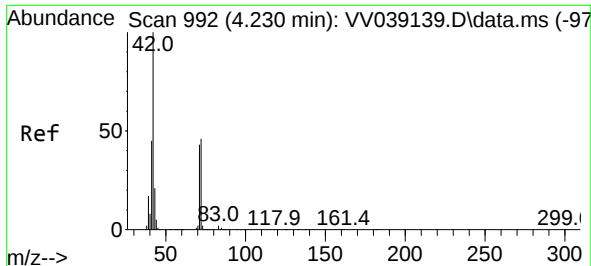
Tgt Ion: 96 Resp: 512130
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 286.4
 98 65.1 0.0 126.6



#28
 Bromochloromethane
 Concen: 49.773 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039166.D
 Acq: 24 Sep 2025 20:22

Tgt Ion: 49 Resp: 408540
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 80.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 252.071 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

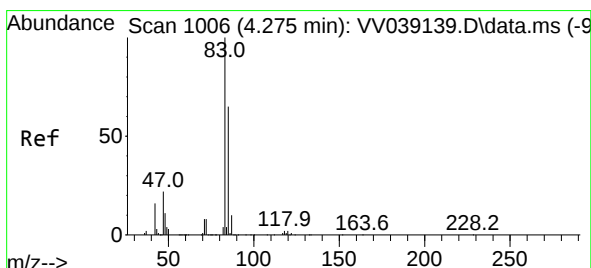
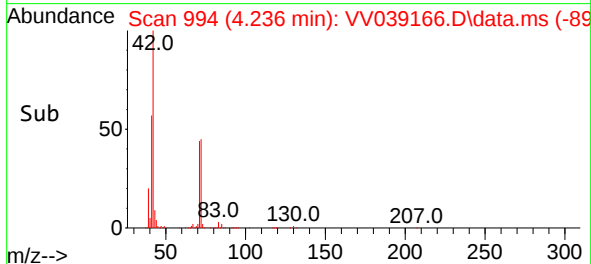
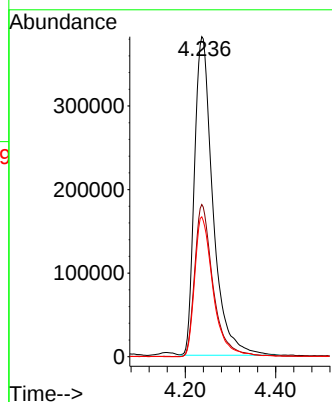
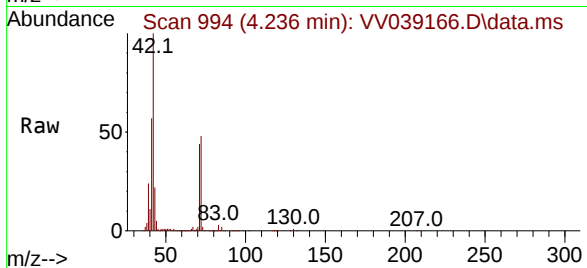
Tgt Ion: 42 Resp: 1078893

Ion Ratio Lower Upper

42 100

72 47.4 36.3 54.5

71 44.0 34.3 51.5



#30

Chloroform

Concen: 44.653 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039166.D

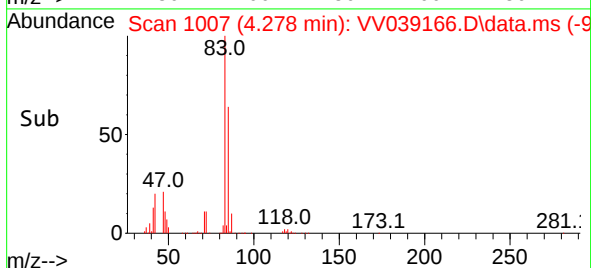
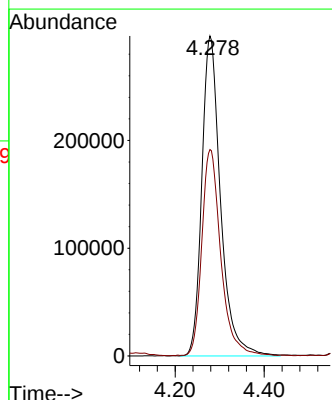
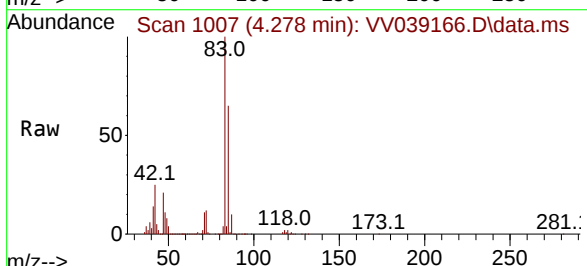
Acq: 24 Sep 2025 20:22

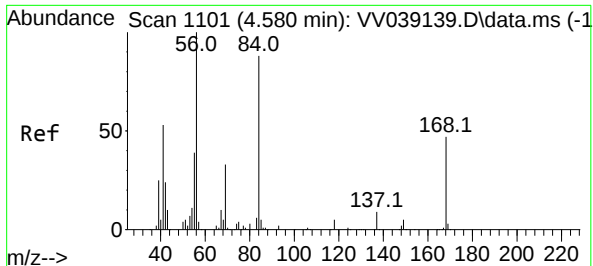
Tgt Ion: 83 Resp: 866922

Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1

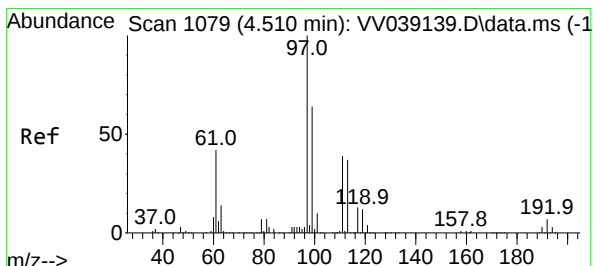
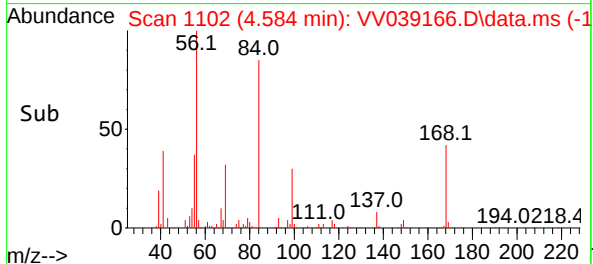
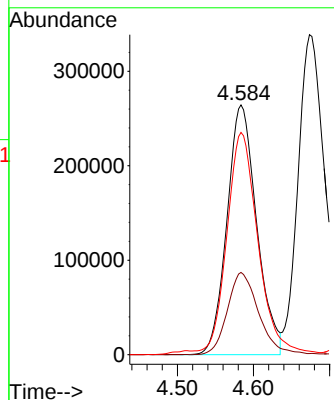
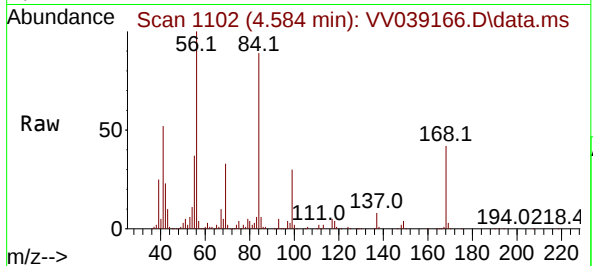




#31
Cyclohexane
Concen: 47.134 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

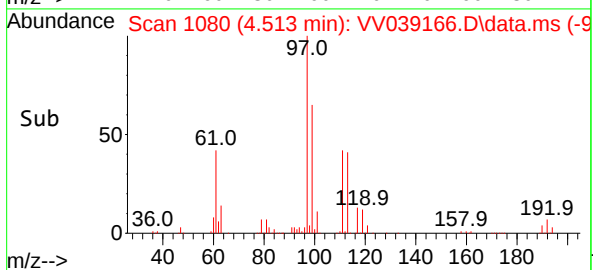
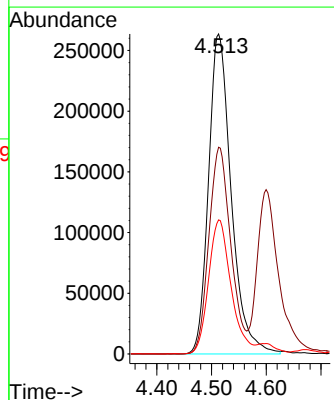
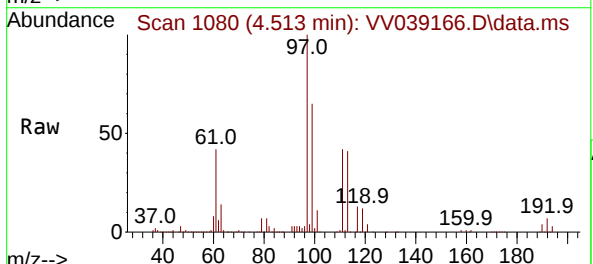
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

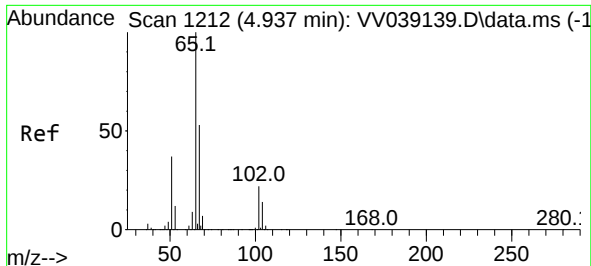
Tgt Ion: 56 Resp: 717888
Ion Ratio Lower Upper
56 100
69 32.9 26.2 39.2
84 87.8 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 45.206 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 97 Resp: 759830
Ion Ratio Lower Upper
97 100
99 62.3 49.6 74.4
61 41.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.691 ug/l

RT: 4.940 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

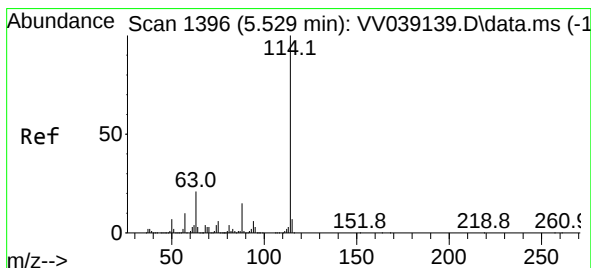
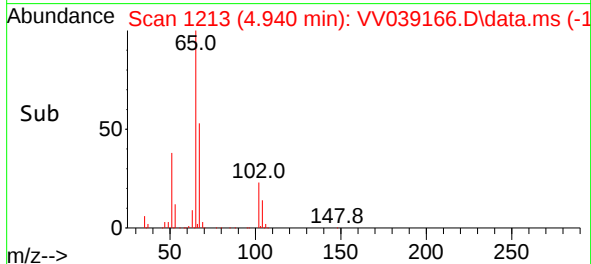
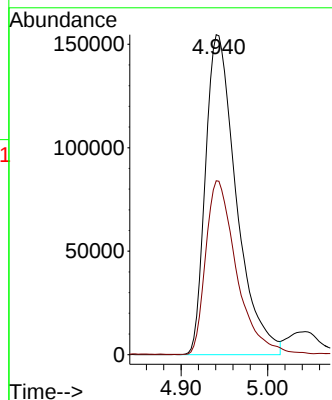
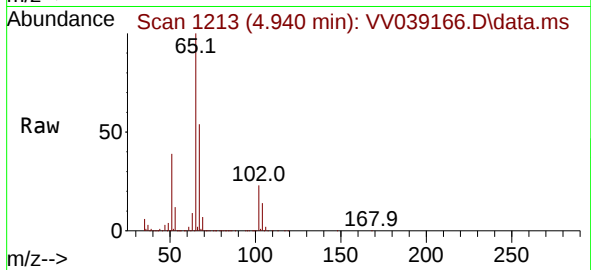
VSTDCCC050EC

Tgt Ion: 65 Resp: 381629

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

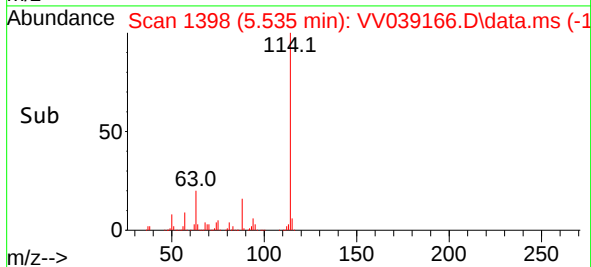
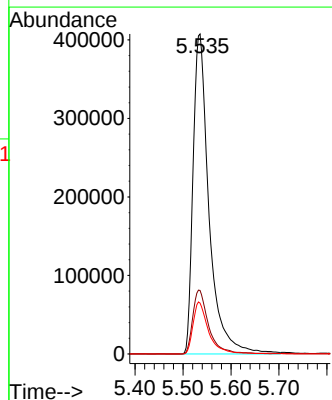
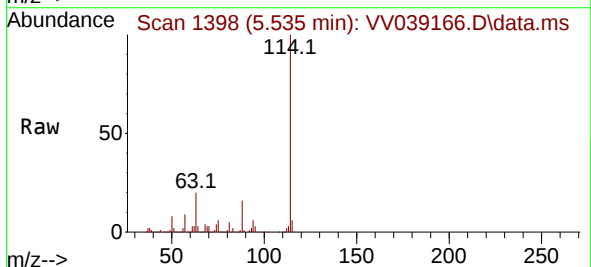
Tgt Ion: 114 Resp: 942433

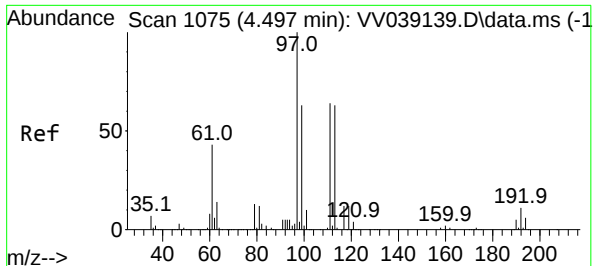
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.676 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

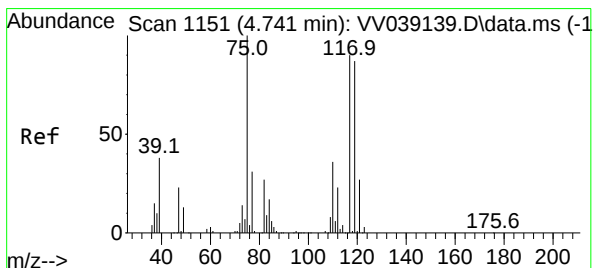
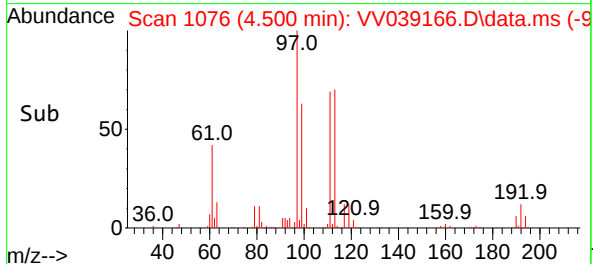
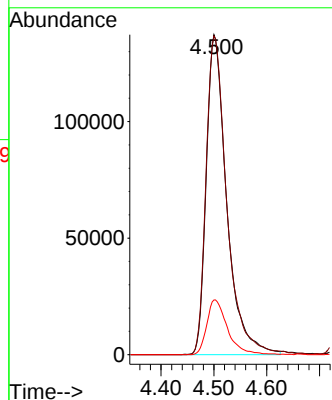
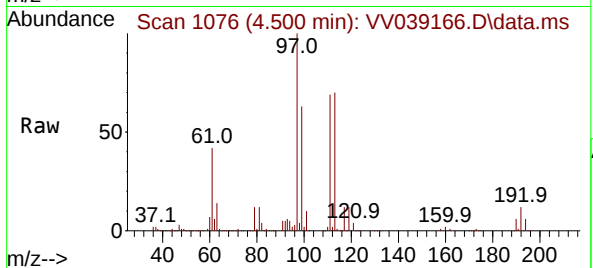
Tgt Ion:113 Resp: 368792

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 17.3 13.8 20.8



#36

1,1-Dichloropropene

Concen: 49.140 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

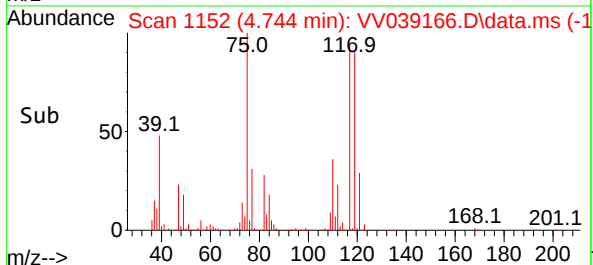
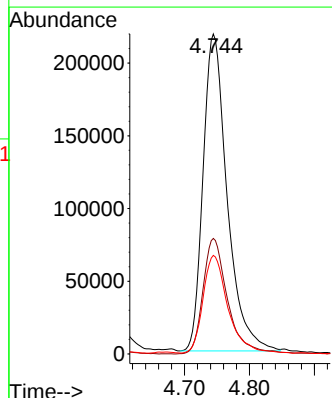
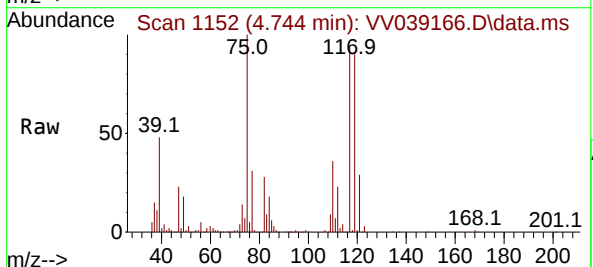
Tgt Ion: 75 Resp: 562884

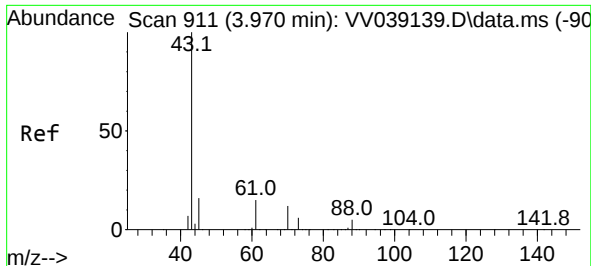
Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.1

77 32.0 24.8 37.2

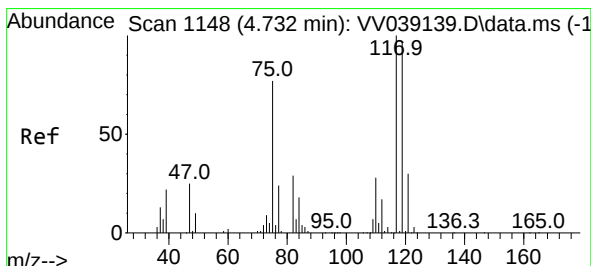
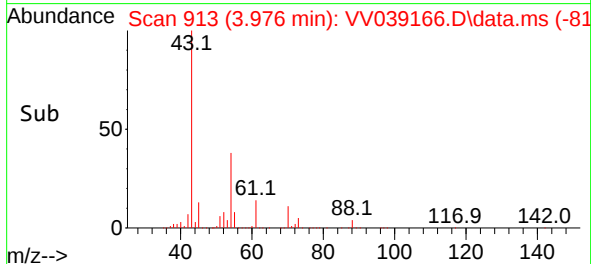
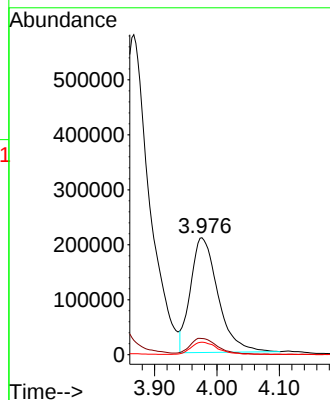
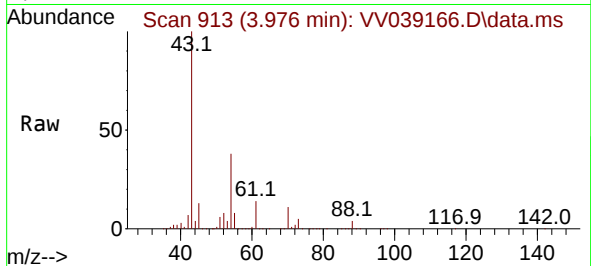




#37
Ethyl Acetate
Concen: 45.992 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

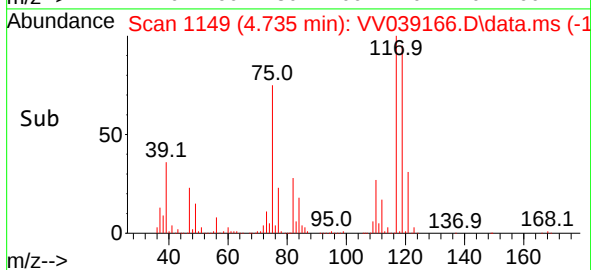
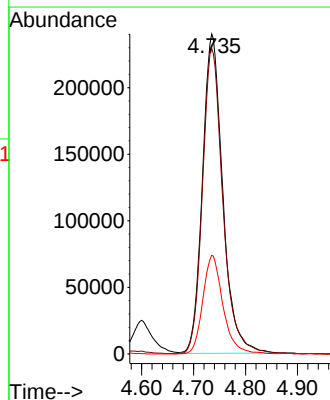
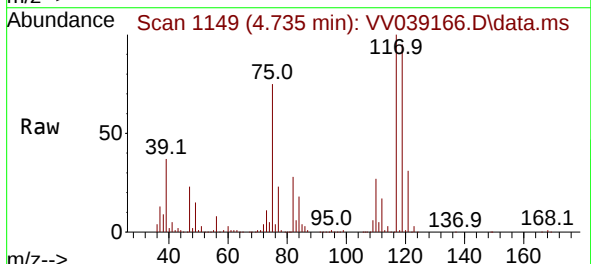
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

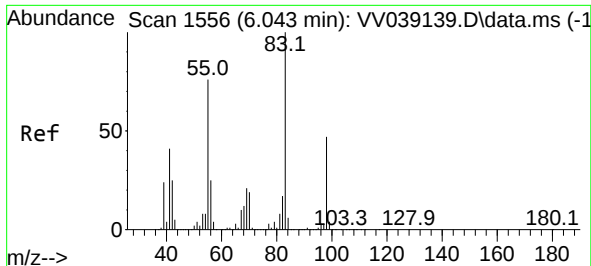
Tgt Ion: 43 Resp: 639265
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 10.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 46.425 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 117 Resp: 649922
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 30.8 24.2 36.2

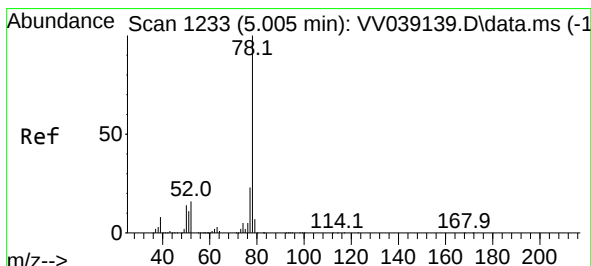
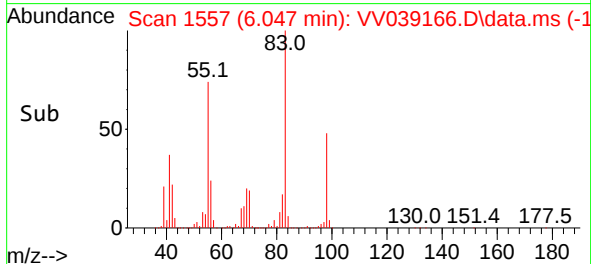
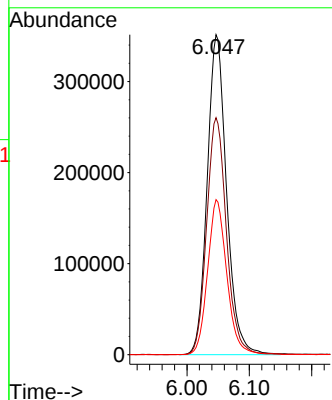
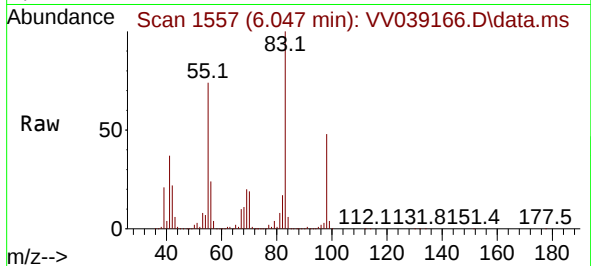




#39
Methylcyclohexane
Concen: 54.953 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

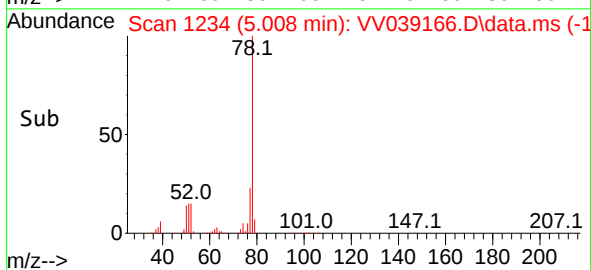
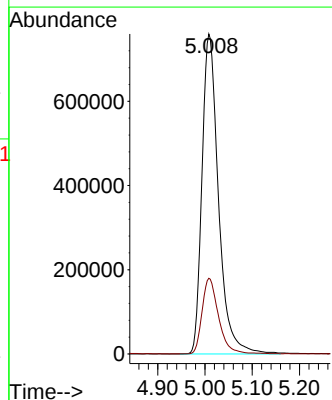
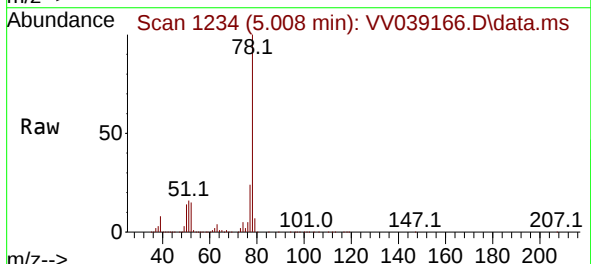
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

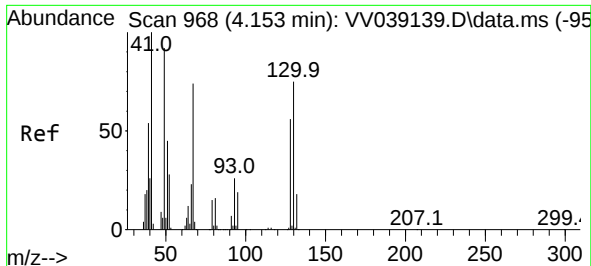
Tgt Ion: 83 Resp: 760164
Ion Ratio Lower Upper
83 100
55 74.0 60.5 90.7
98 48.4 37.8 56.6



#40
Benzene
Concen: 49.367 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 78 Resp: 1841416
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



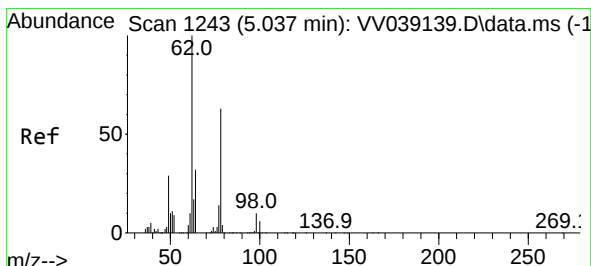
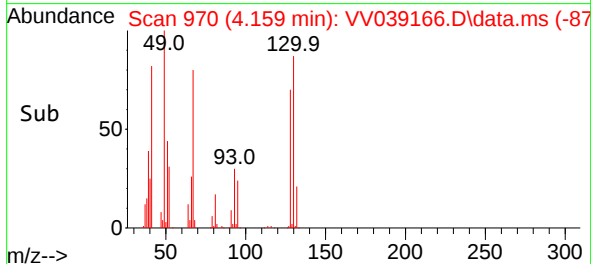
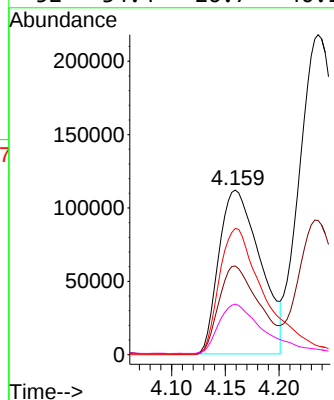
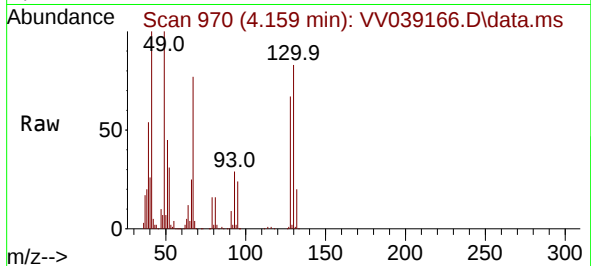


#41
Methacrylonitrile
Concen: 47.663 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 298955

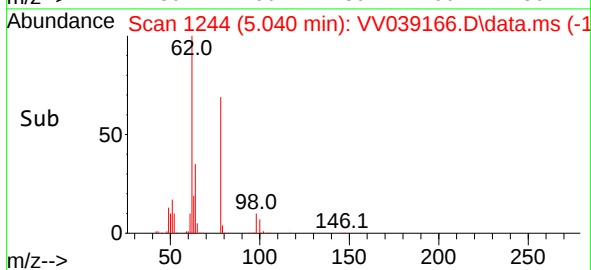
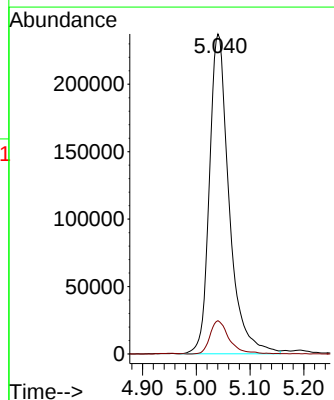
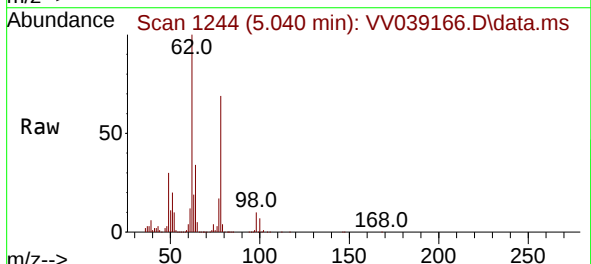
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	86.8	67.9	101.9
52	34.4	26.7	40.1

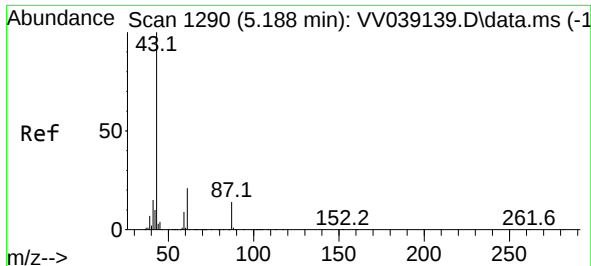


#42
1,2-Dichloroethane
Concen: 46.341 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 62 Resp: 605665

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.2

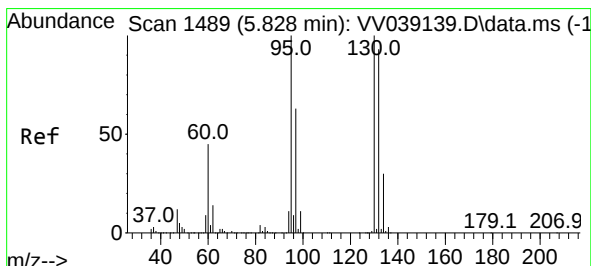
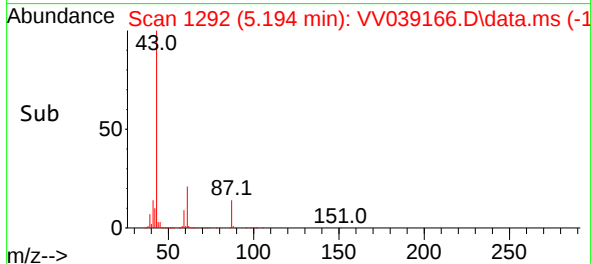
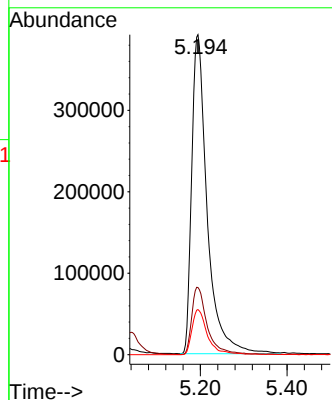
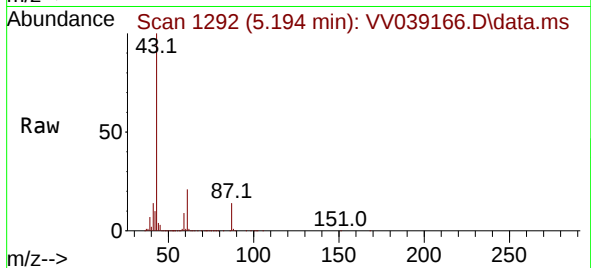




#43
Isopropyl Acetate
Concen: 51.335 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

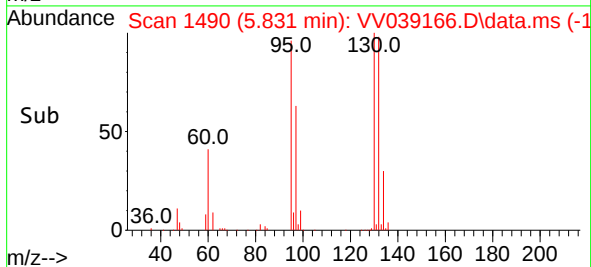
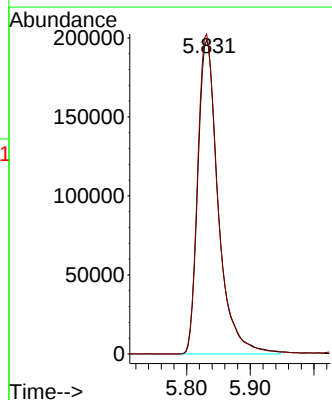
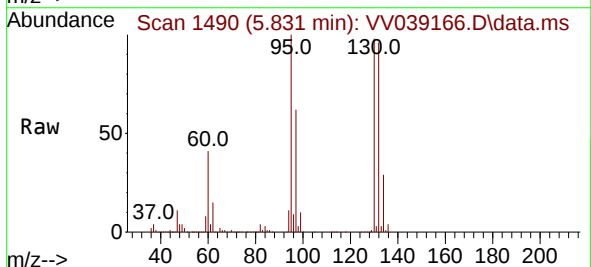
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

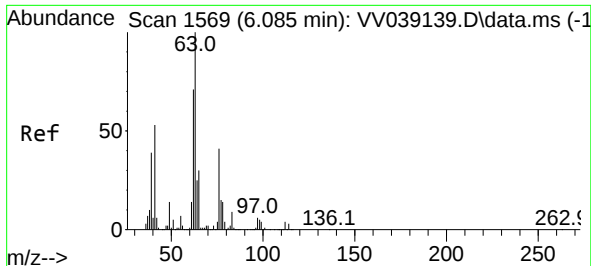
Tgt Ion: 43 Resp: 972884
Ion Ratio Lower Upper
43 100
61 20.9 15.9 23.9
87 14.0 11.0 16.6



#44
Trichloroethene
Concen: 51.477 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 130 Resp: 443082
Ion Ratio Lower Upper
130 100
95 101.9 0.0 199.2





#45

1,2-Dichloropropane

Concen: 50.306 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

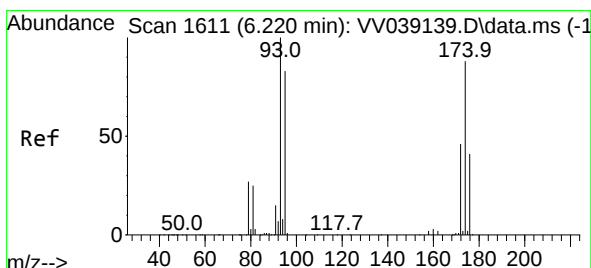
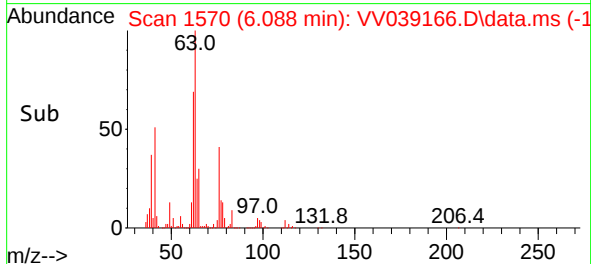
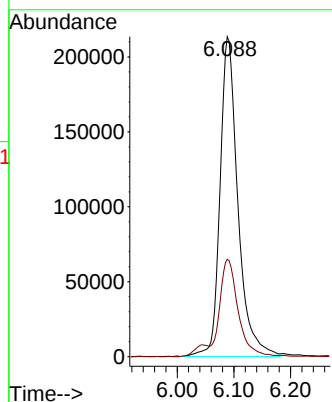
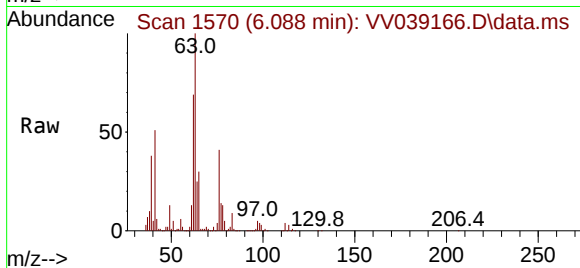
VSTDCCC050EC

Tgt Ion: 63 Resp: 466412

Ion Ratio Lower Upper

63 100

65 30.4 23.7 35.5



#46

Dibromomethane

Concen: 47.947 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

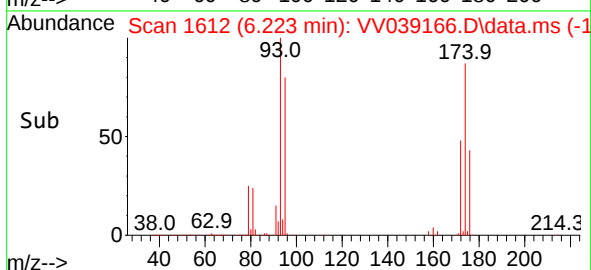
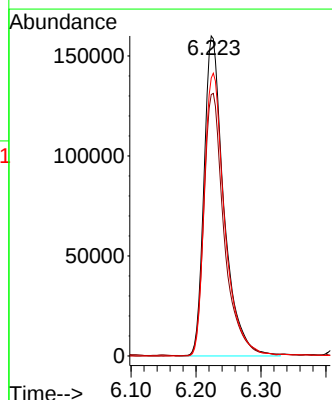
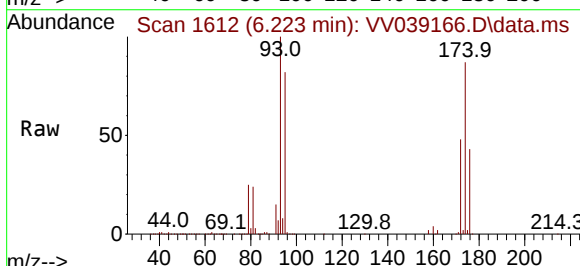
Tgt Ion: 93 Resp: 340238

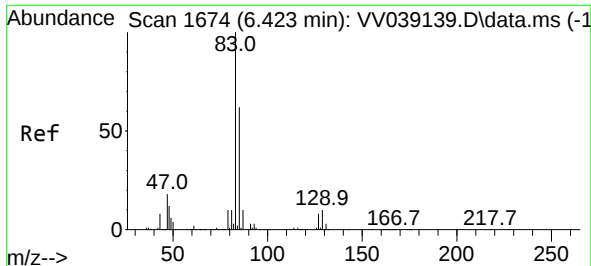
Ion Ratio Lower Upper

93 100

95 83.1 65.5 98.3

174 90.7 69.0 103.4





#47

Bromodichloromethane

Concen: 47.573 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

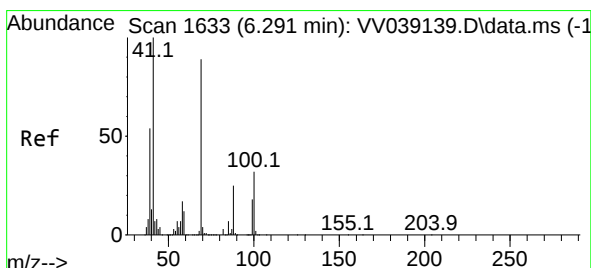
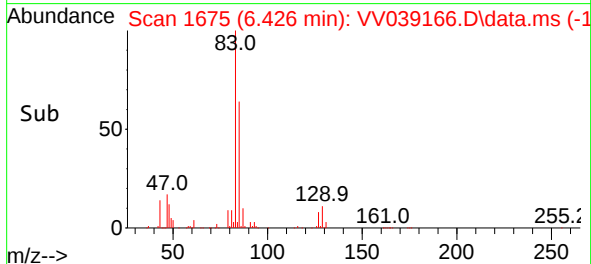
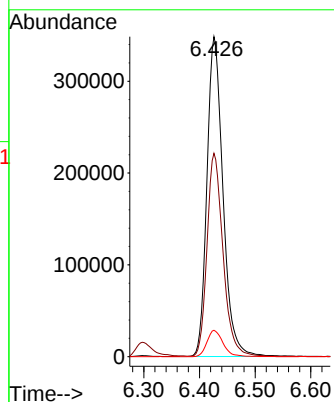
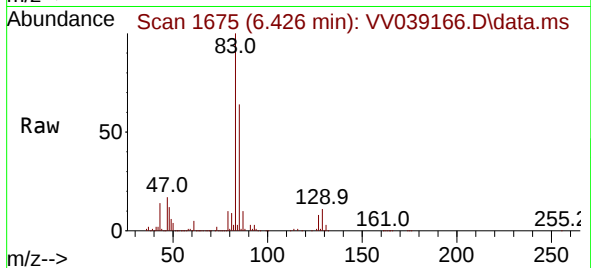
Tgt Ion: 83 Resp: 697900

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

127 8.2 6.6 9.8



#48

Methyl methacrylate

Concen: 53.490 ug/l

RT: 6.297 min Scan# 1635

Delta R.T. 0.006 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

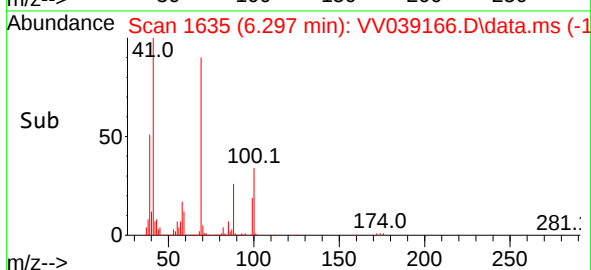
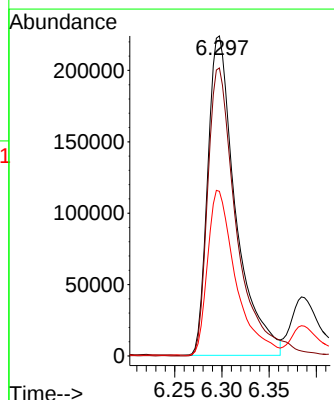
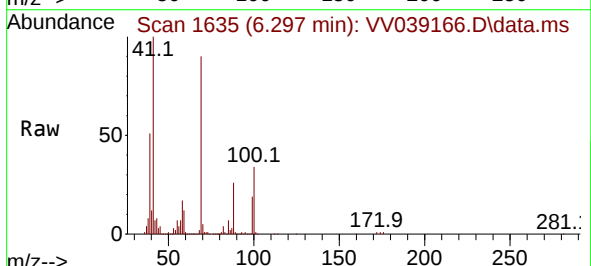
Tgt Ion: 41 Resp: 459526

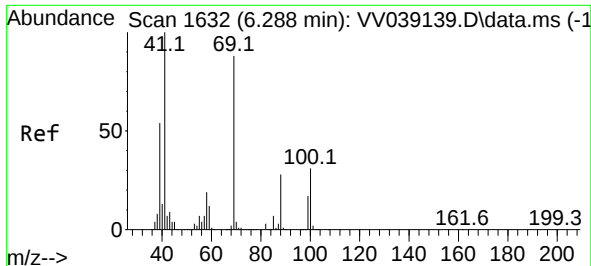
Ion Ratio Lower Upper

41 100

69 93.9 72.4 108.6

39 52.0 42.5 63.7





#49

1,4-Dioxane

Concen: 1167.463 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

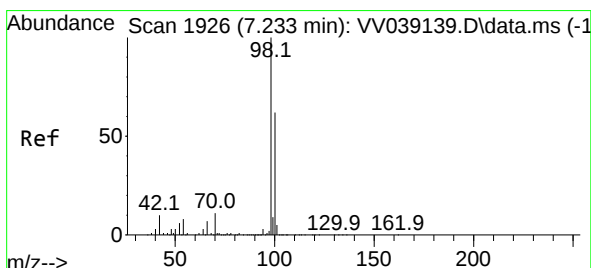
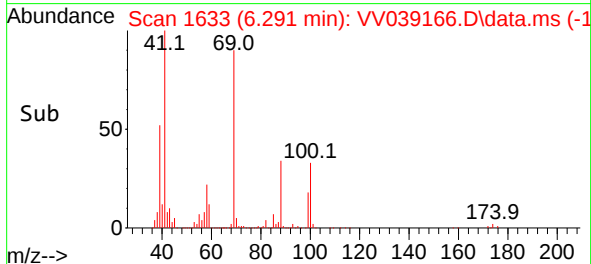
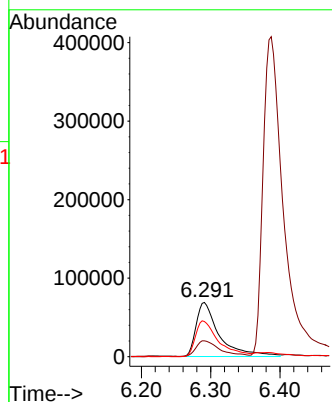
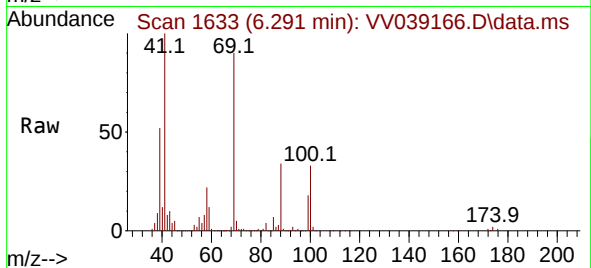
Tgt Ion: 88 Resp: 161854

Ion Ratio Lower Upper

88 100

43 28.9 25.1 37.7

58 65.2 53.6 80.4



#50

Toluene-d8

Concen: 48.466 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039166.D

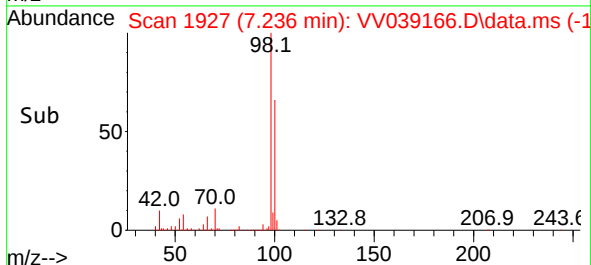
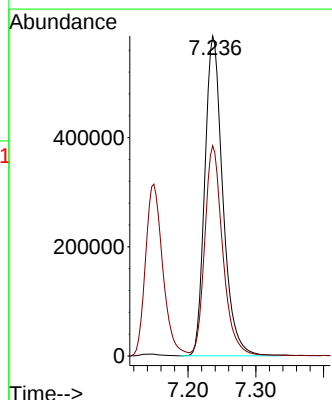
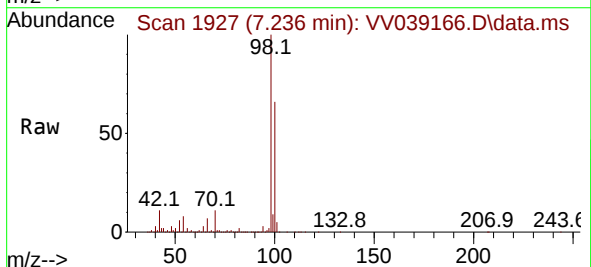
Acq: 24 Sep 2025 20:22

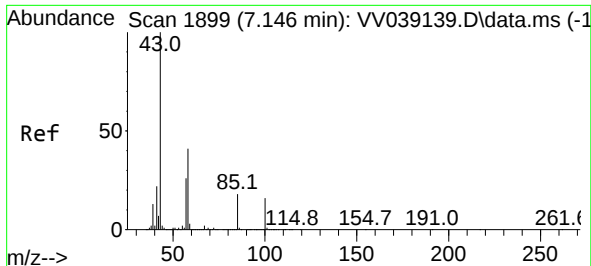
Tgt Ion: 98 Resp: 1078465

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 264.841 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

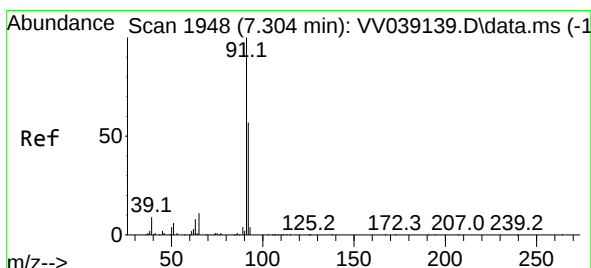
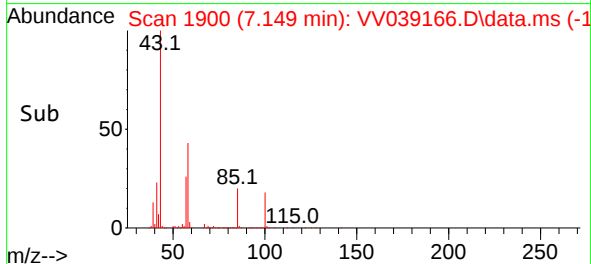
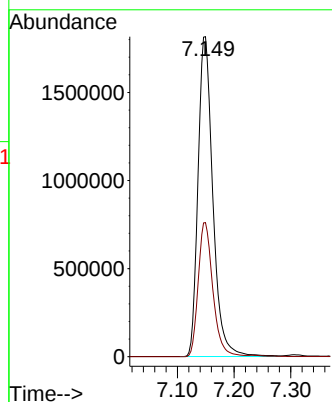
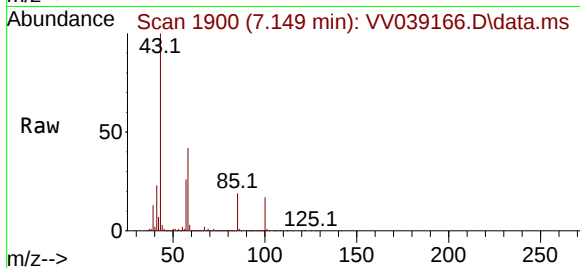
VSTDCCC050EC

Tgt Ion: 43 Resp: 3302013

Ion Ratio Lower Upper

43 100

58 41.5 32.3 48.5



#52

Toluene

Concen: 53.269 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039166.D

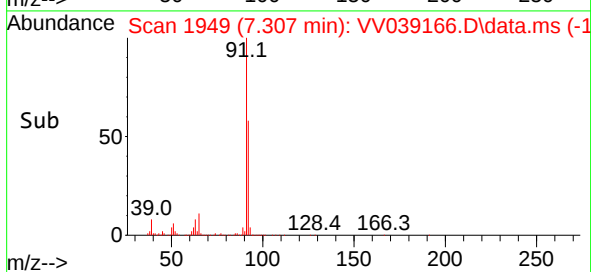
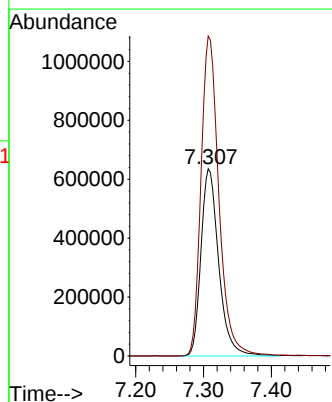
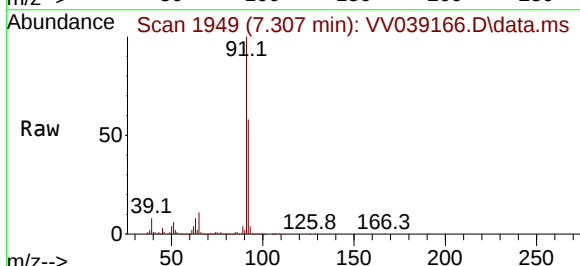
Acq: 24 Sep 2025 20:22

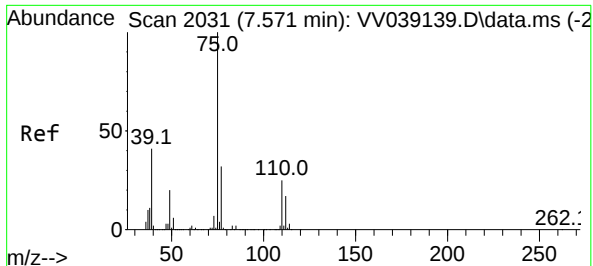
Tgt Ion: 92 Resp: 1152054

Ion Ratio Lower Upper

92 100

91 172.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.568 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

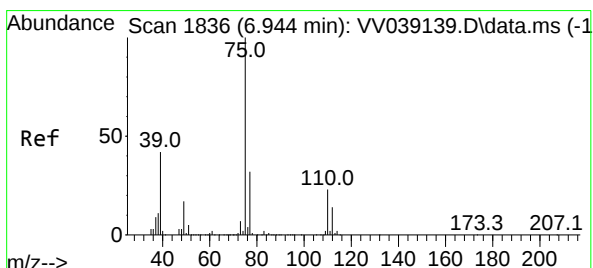
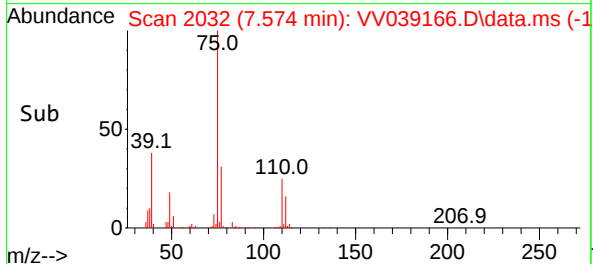
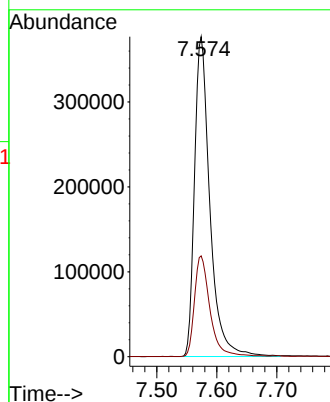
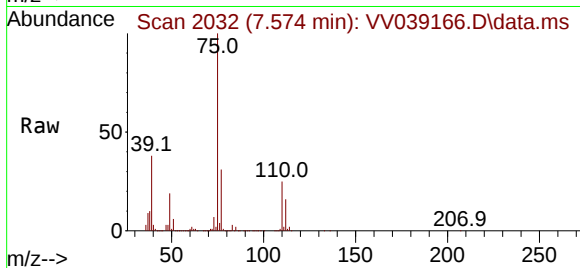
VSTDCCC050EC

Tgt Ion: 75 Resp: 672066

Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 51.803 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

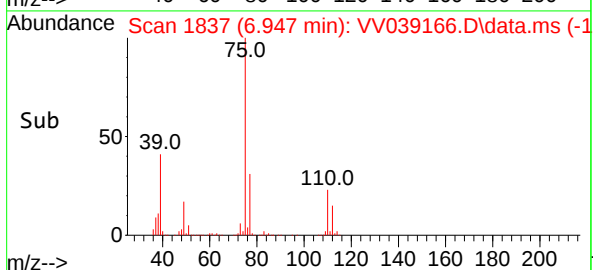
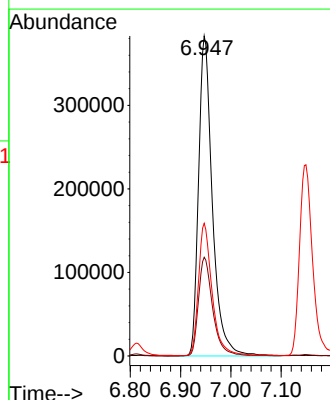
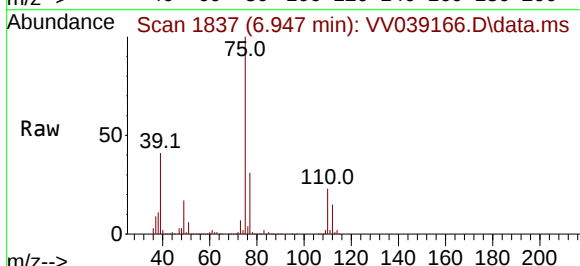
Tgt Ion: 75 Resp: 731128

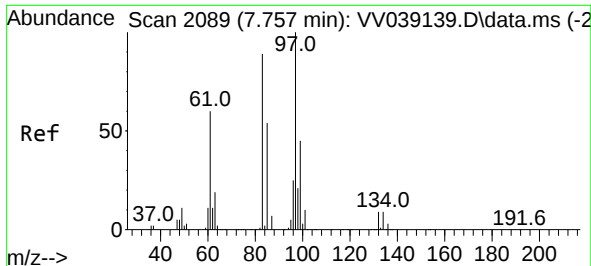
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 41.3 33.8 50.6

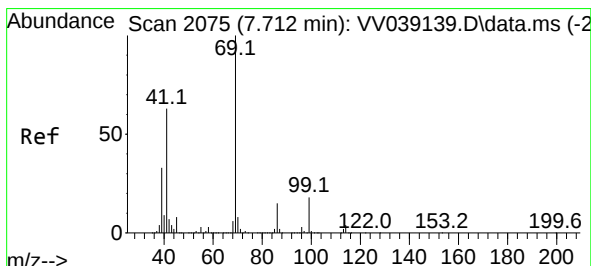
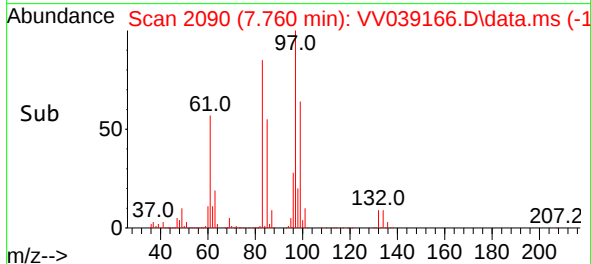
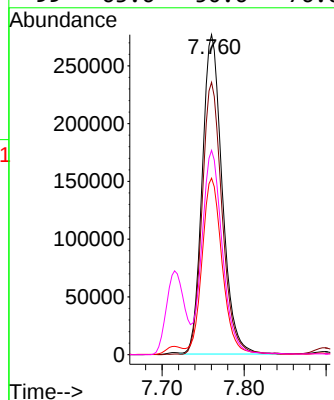
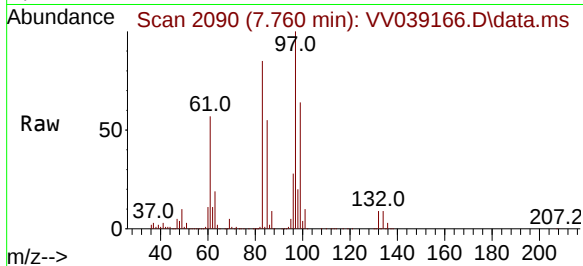




#55
 1,1,2-Trichloroethane
 Concen: 48.274 ug/l
 RT: 7.760 min Scan# 2089
 Delta R.T. 0.003 min
 Lab File: VV039166.D
 Acq: 24 Sep 2025 20:22

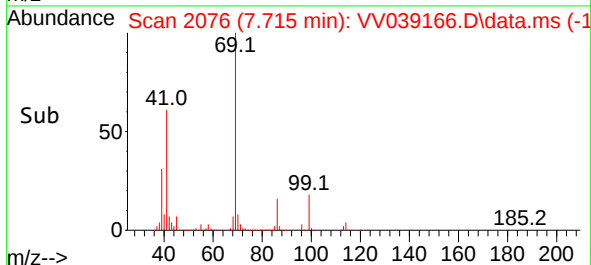
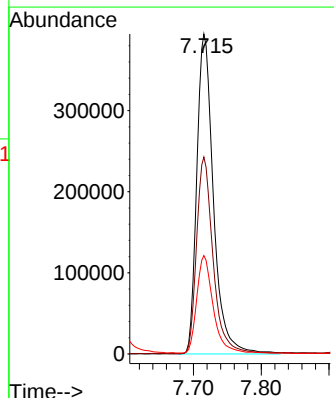
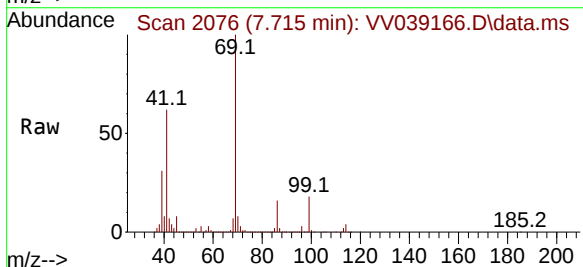
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

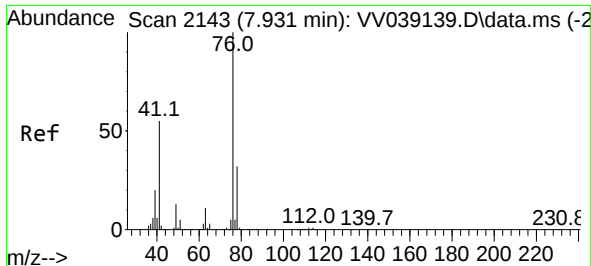
Tgt Ion: 97	Resp: 468128
Ion Ratio	Lower Upper
97 100	
83 85.1	71.1 106.7
85 55.1	44.6 67.0
99 63.6	50.6 76.0



#56
 Ethyl methacrylate
 Concen: 58.557 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VV039166.D
 Acq: 24 Sep 2025 20:22

Tgt Ion: 69		Resp: 674347	
Ion	Ratio	Lower	Upper
69	100		
41	61.0	50.7	76.1
39	29.9	26.0	39.0





#57

1,3-Dichloropropane

Concen: 49.810 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

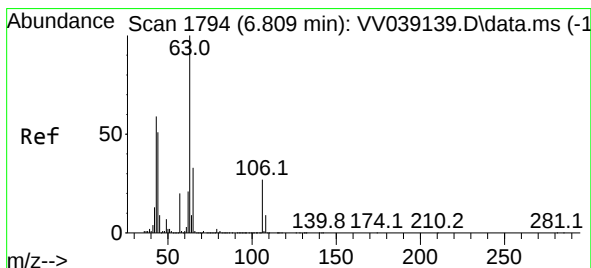
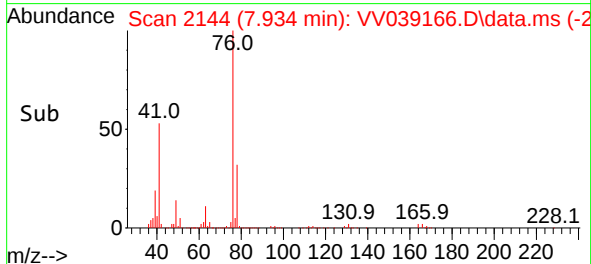
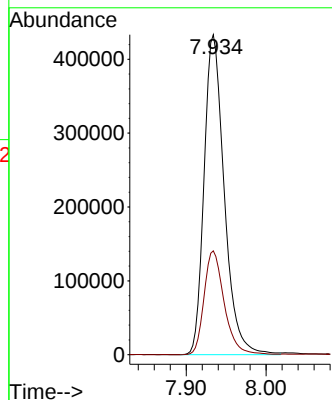
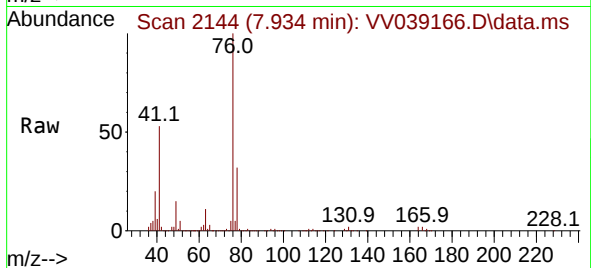
VSTDCCC050EC

Tgt Ion: 76 Resp: 762291

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 216.381 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039166.D

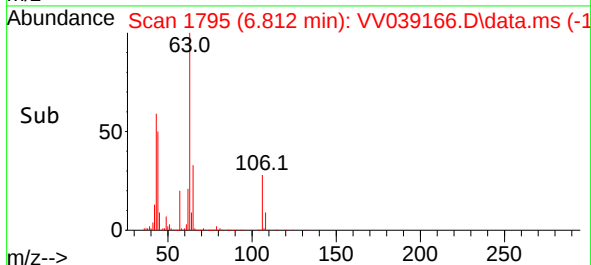
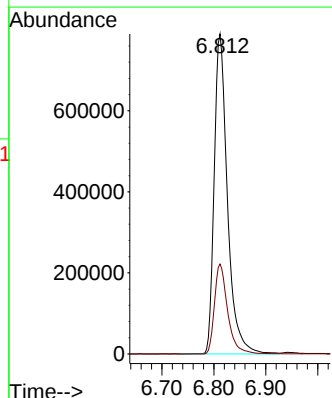
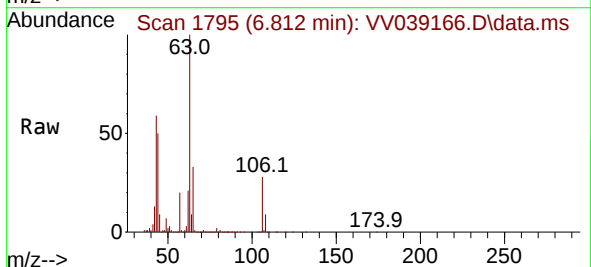
Acq: 24 Sep 2025 20:22

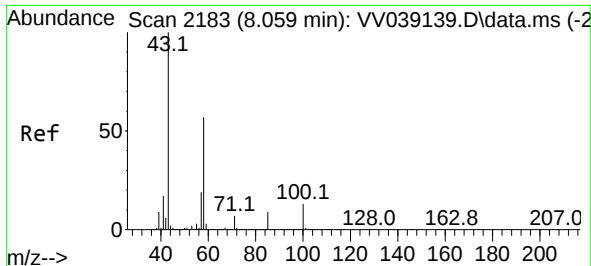
Tgt Ion: 63 Resp: 1398286

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1

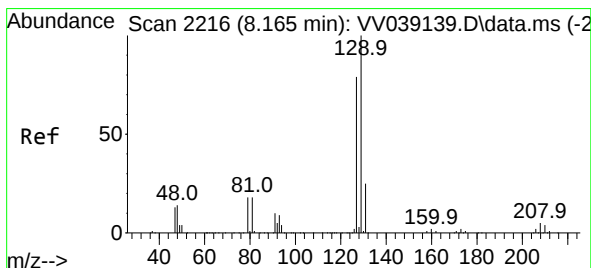
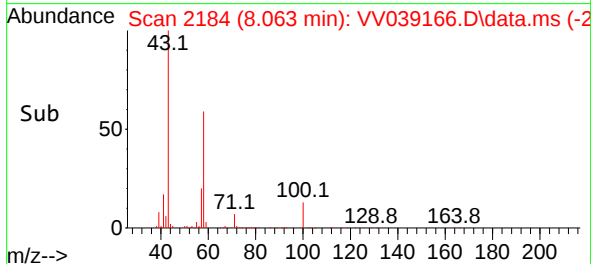
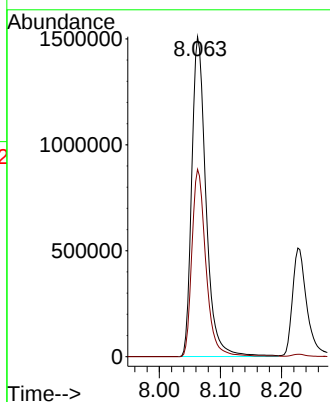
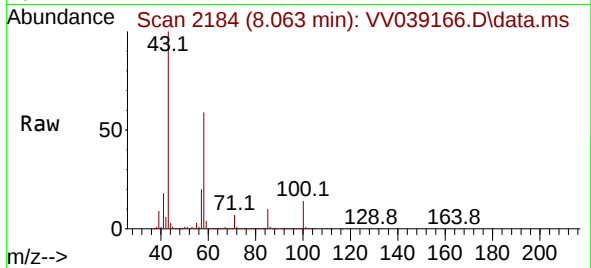




#59
2-Hexanone
Concen: 243.001 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

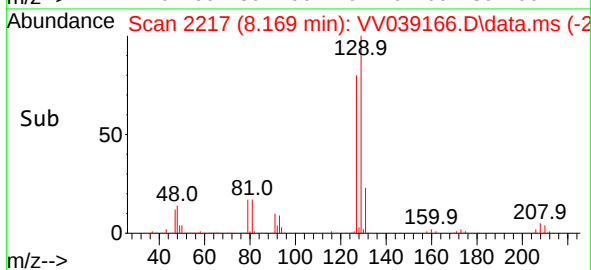
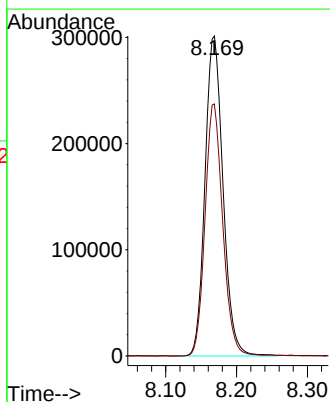
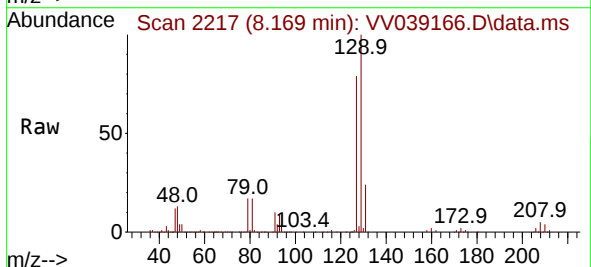
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

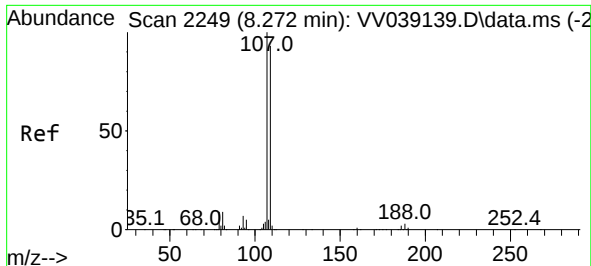
Tgt Ion: 43 Resp: 2444906
Ion Ratio Lower Upper
43 100
58 58.1 28.3 85.0



#60
Dibromochloromethane
Concen: 48.202 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 129 Resp: 532611
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.9

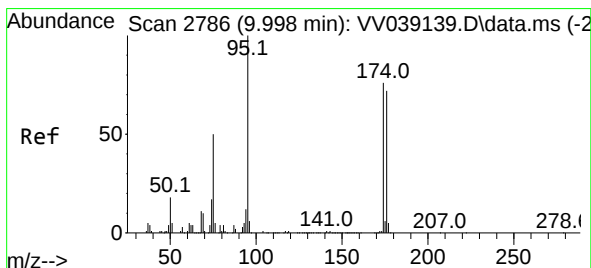
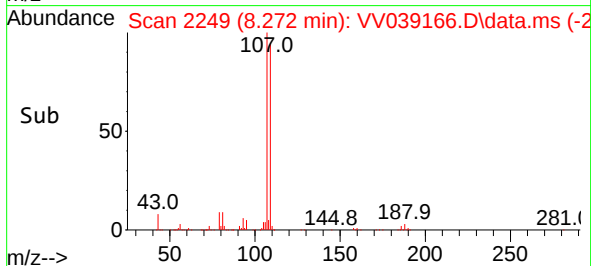
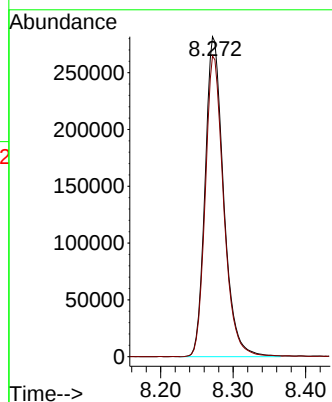
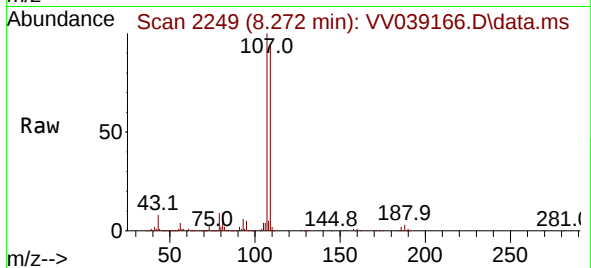




#61
1,2-Dibromoethane
Concen: 50.383 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

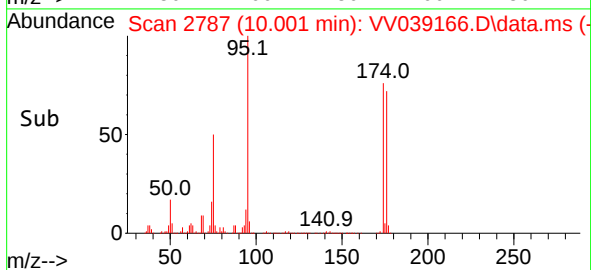
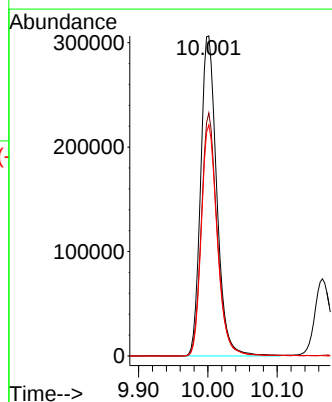
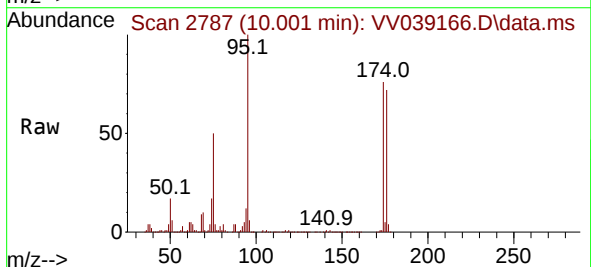
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

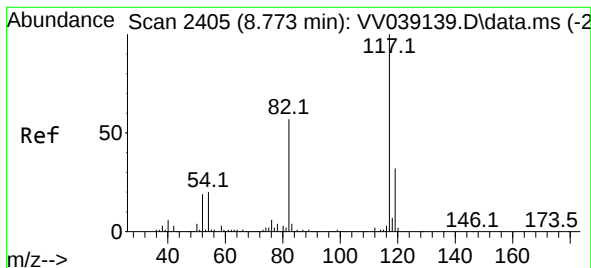
Tgt Ion:107 Resp: 499657
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 54.077 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 95 Resp: 495377
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.4
176 71.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

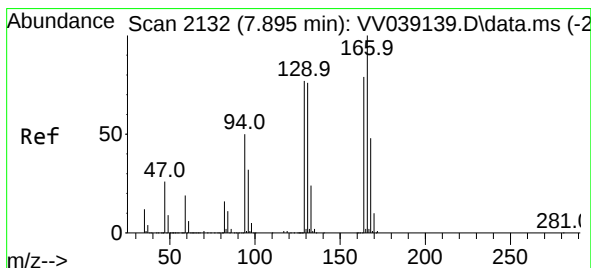
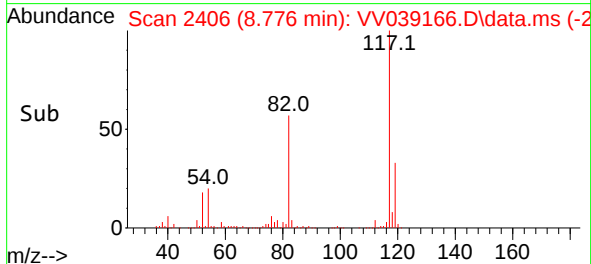
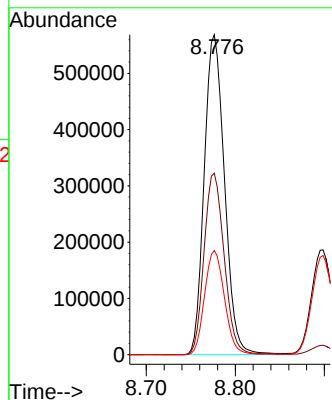
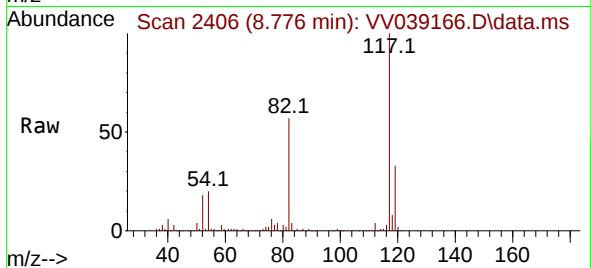
Tgt Ion:117 Resp: 898605

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.2

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 53.046 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Tgt Ion:164 Resp: 399259

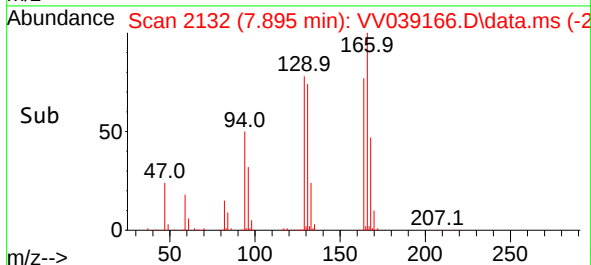
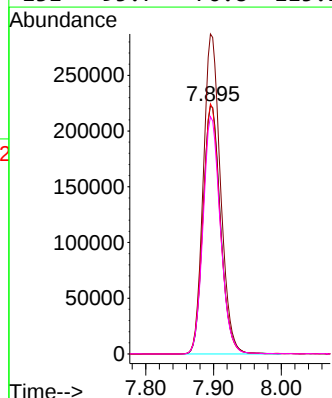
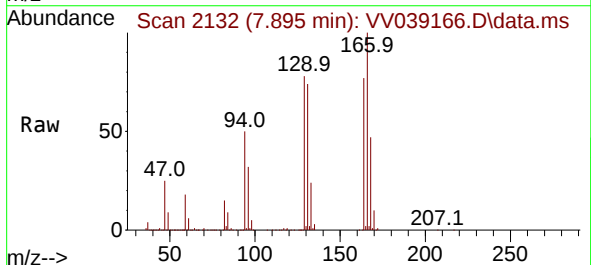
Ion Ratio Lower Upper

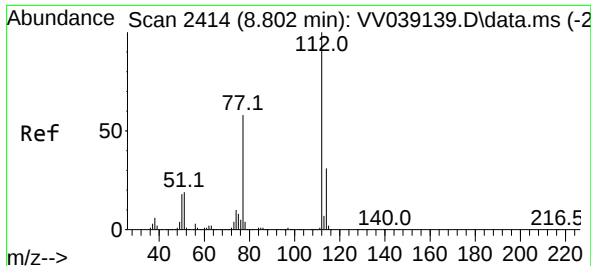
164 100

166 129.1 101.6 152.4

129 100.9 78.5 117.7

131 95.7 76.8 115.2

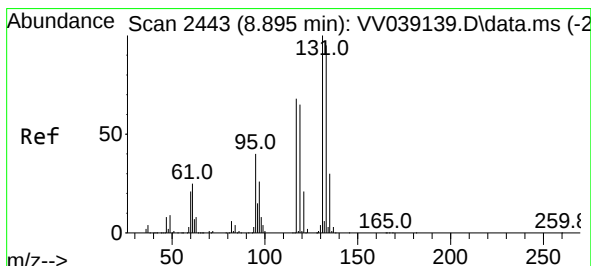
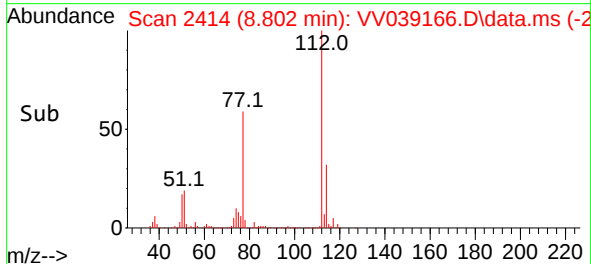
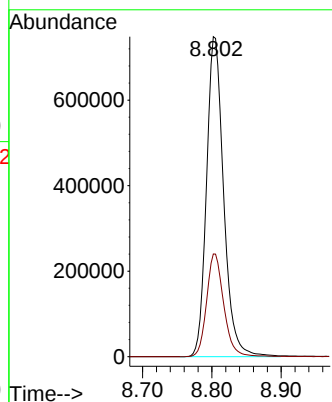
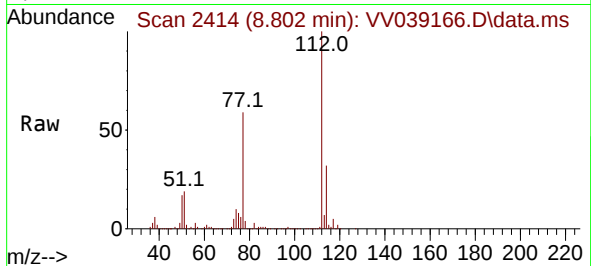




#65
Chlorobenzene
Concen: 51.179 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

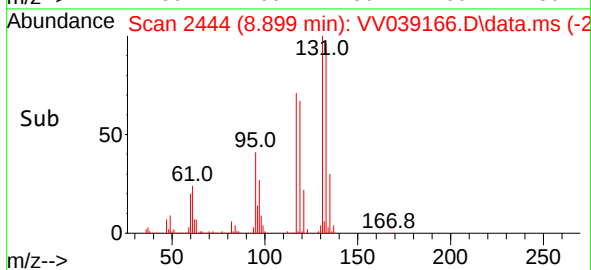
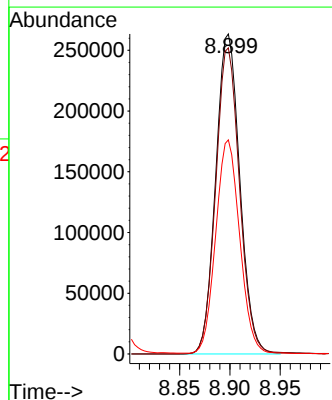
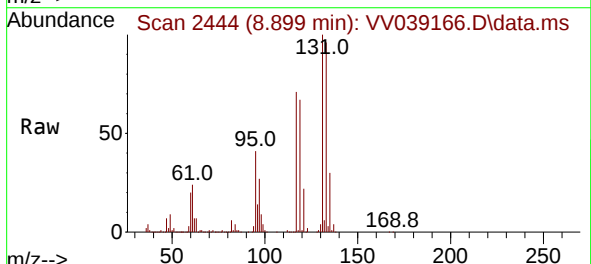
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

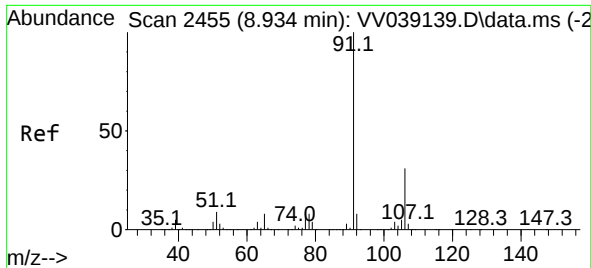
Tgt Ion:112 Resp: 1281015
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.681 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion:131 Resp: 440269
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 66.5 33.3 99.8

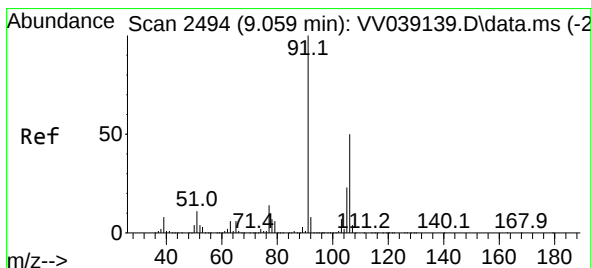
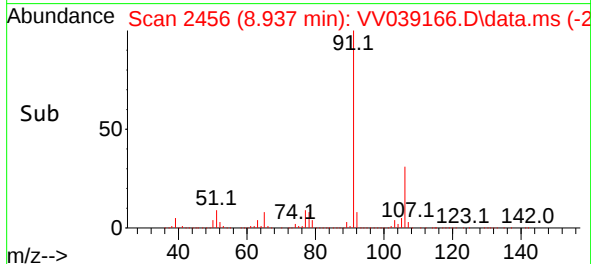
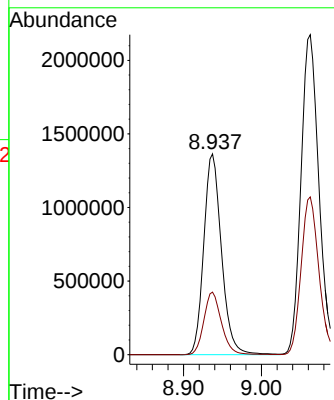
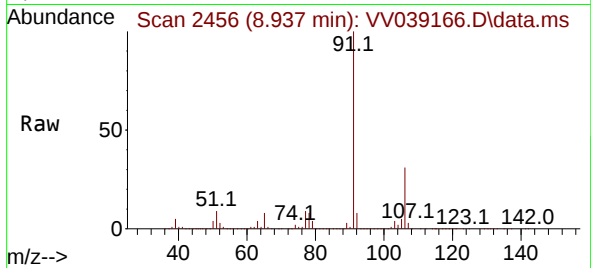




#67
Ethyl Benzene
Concen: 56.865 ug/l
RT: 8.937 min Scan# 2455
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

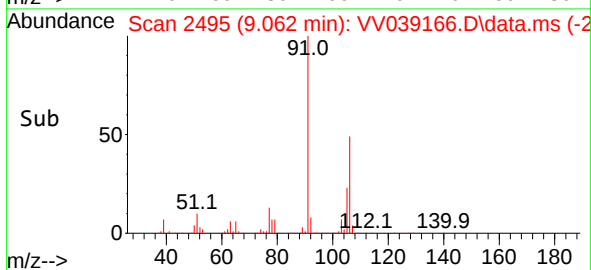
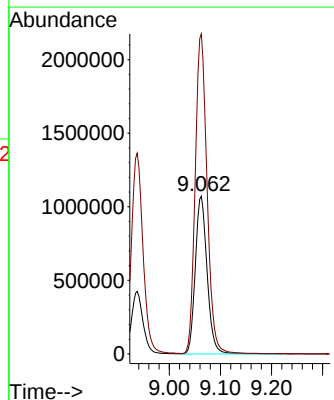
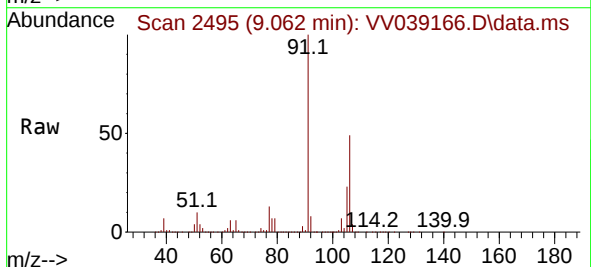
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

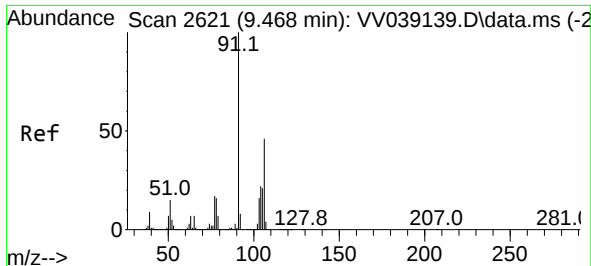
Tgt Ion: 91 Resp: 2154520
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 117.516 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 106 Resp: 1718495
Ion Ratio Lower Upper
106 100
91 203.2 162.5 243.7

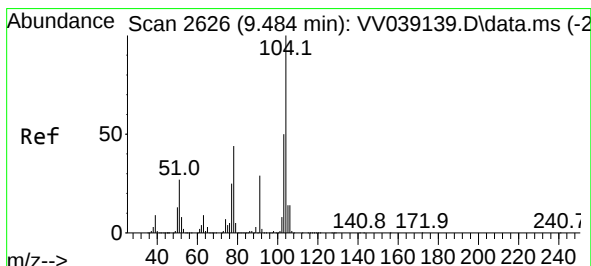
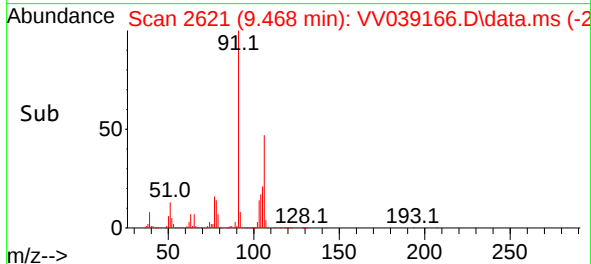
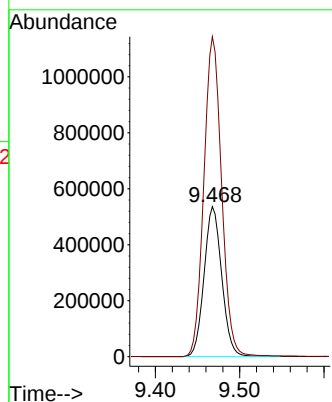
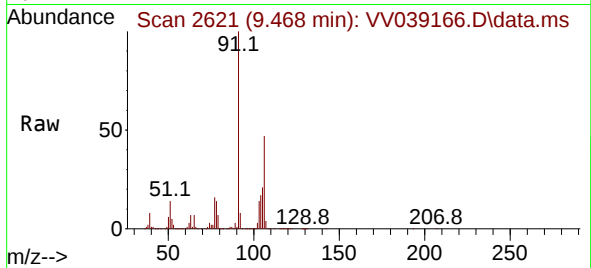




#69
o-Xylene
Concen: 60.545 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

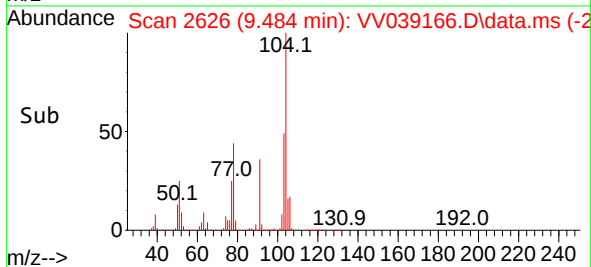
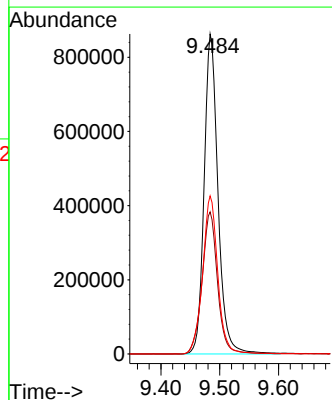
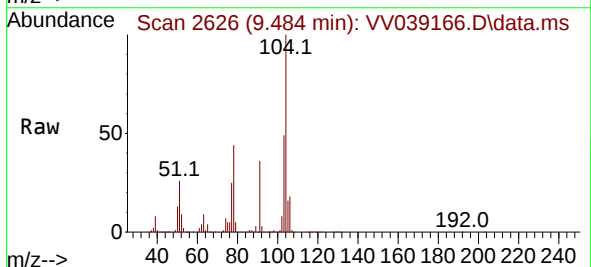
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

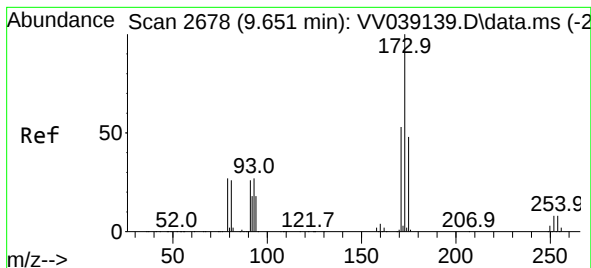
Tgt Ion:106 Resp: 783947
Ion Ratio Lower Upper
106 100
91 214.2 109.1 327.3



#70
Styrene
Concen: 51.498 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion:104 Resp: 1413541
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 54.1 43.4 65.2





#71

Bromoform

Concen: 50.807 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

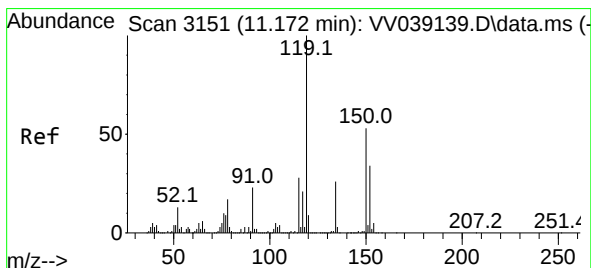
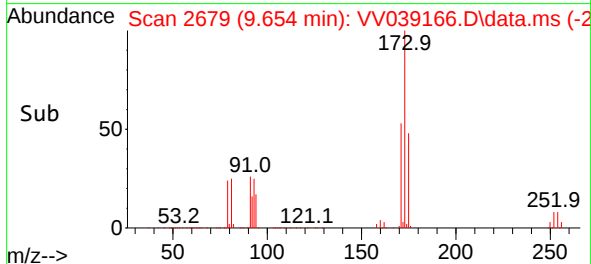
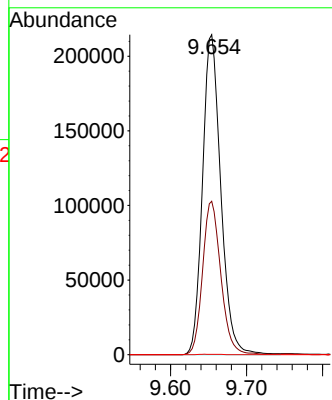
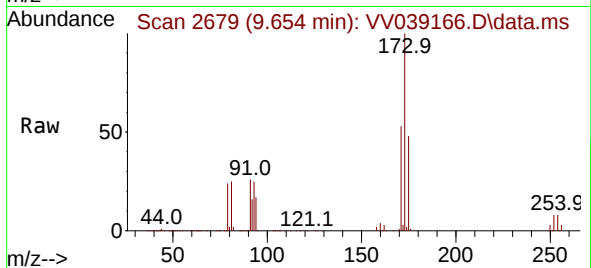
Tgt Ion:173 Resp: 358921

Ion Ratio Lower Upper

173 100

175 47.7 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: VV039166.D

Acq: 24 Sep 2025 20:22

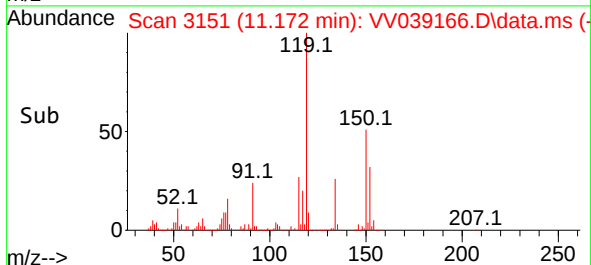
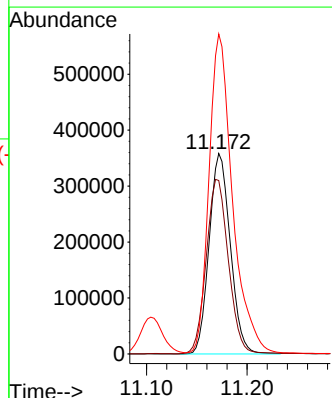
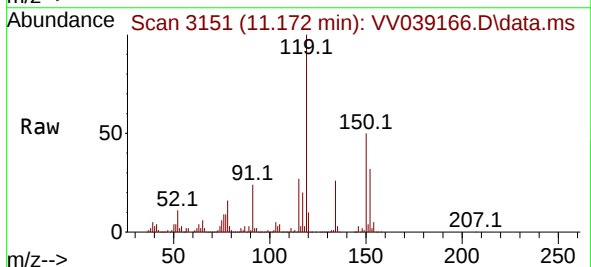
Tgt Ion:152 Resp: 524252

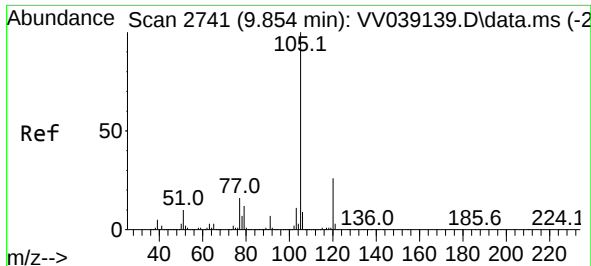
Ion Ratio Lower Upper

152 100

115 91.0 44.8 134.4

150 177.7 0.0 353.8

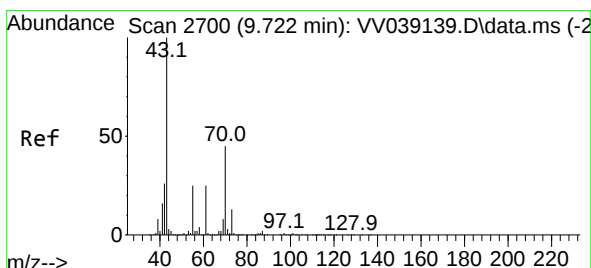
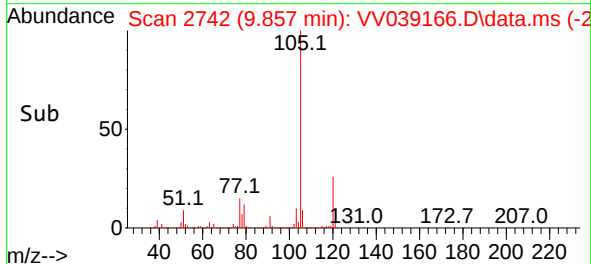
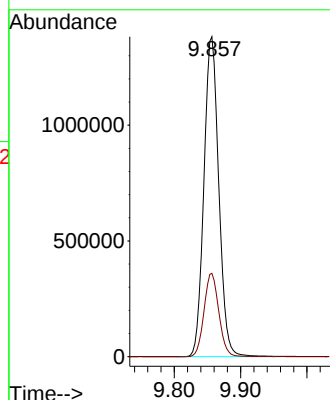
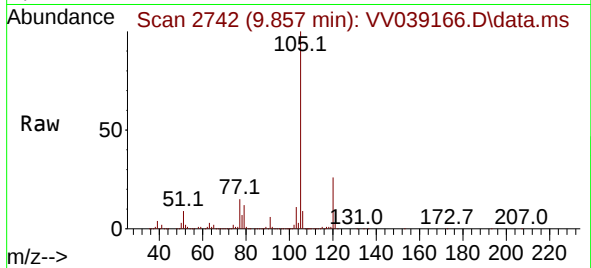




#73
Isopropylbenzene
Concen: 56.535 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

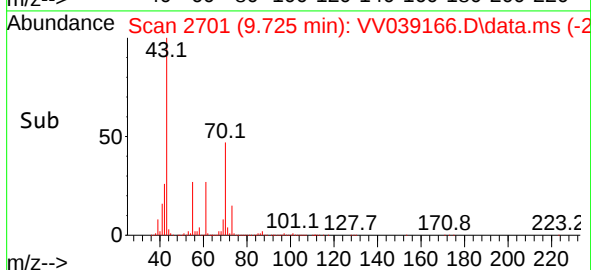
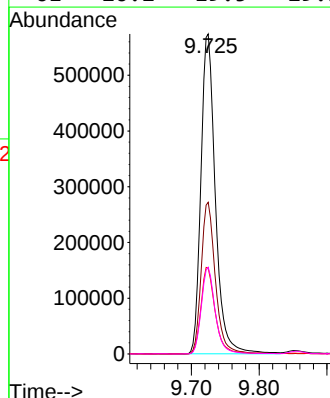
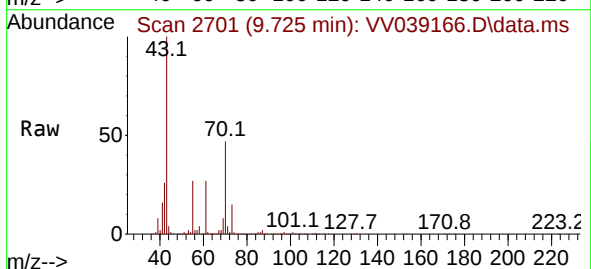
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

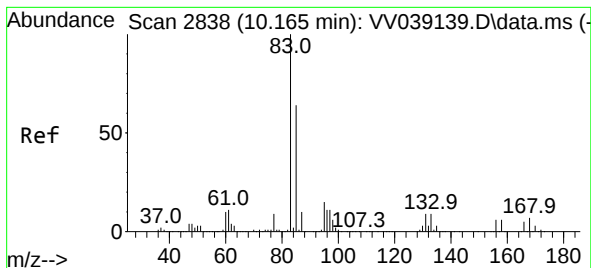
Tgt Ion:105 Resp: 2149687
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 56.220 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 43 Resp: 852690
Ion Ratio Lower Upper
43 100
70 46.5 35.4 53.0
55 26.5 20.6 30.8
61 26.2 19.5 29.3

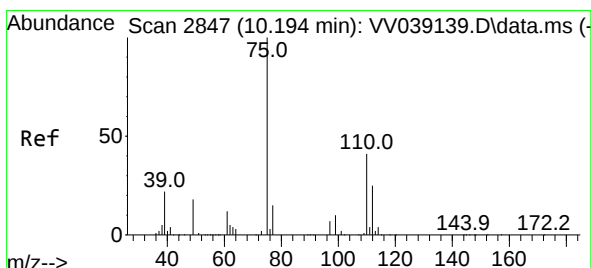
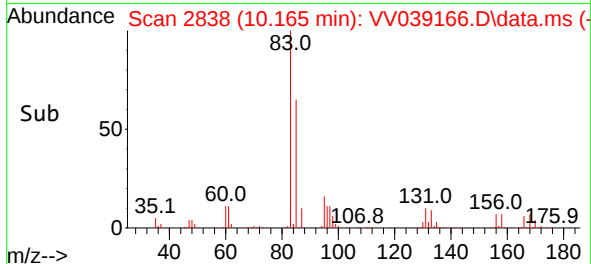
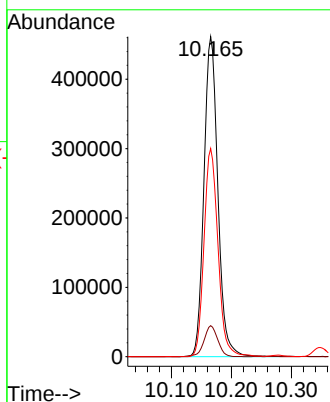
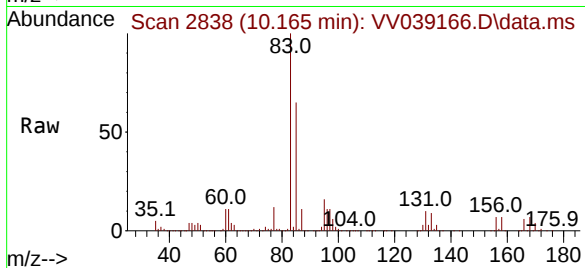




#75
1,1,2,2-Tetrachloroethane
Concen: 44.742 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

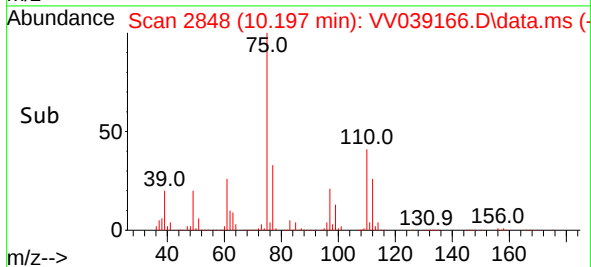
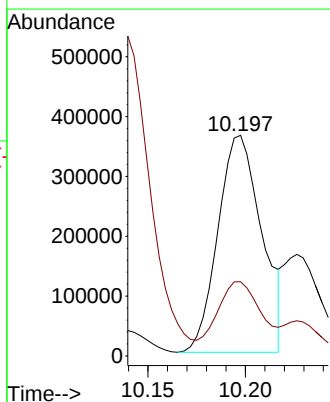
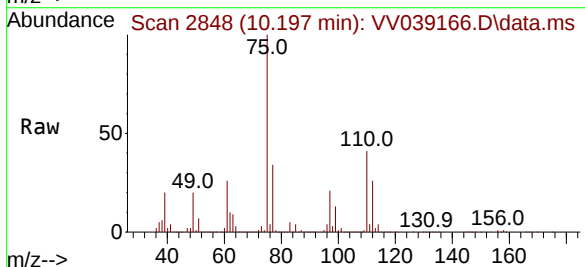
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

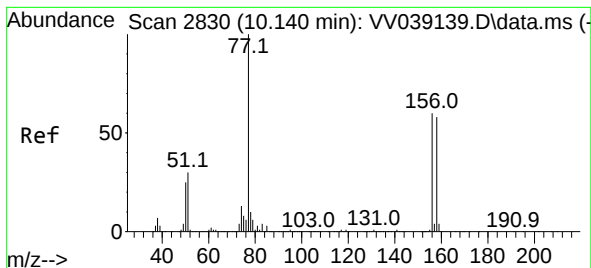
Tgt Ion: 83 Resp: 745417
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 65.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 47.621 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 75 Resp: 568427
Ion Ratio Lower Upper
75 100
77 23.7 11.3 33.8





#77

Bromobenzene

Concen: 51.072 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

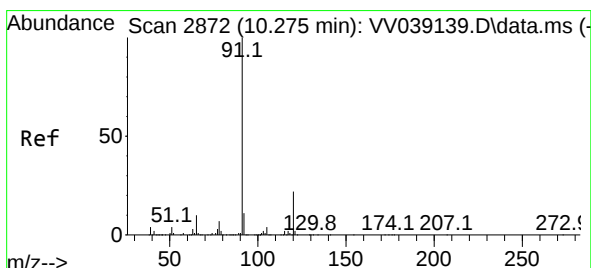
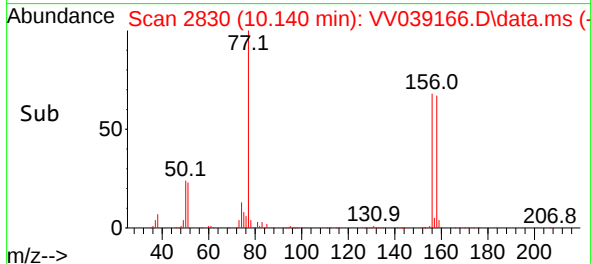
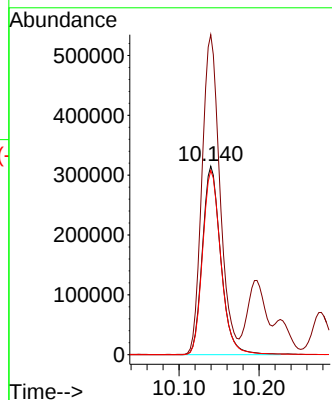
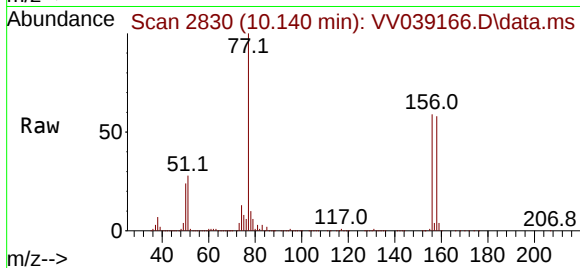
Tgt Ion:156 Resp: 503838

Ion Ratio Lower Upper

156 100

77 165.9 83.4 250.1

158 97.5 48.8 146.4



#78

n-propylbenzene

Concen: 56.368 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039166.D

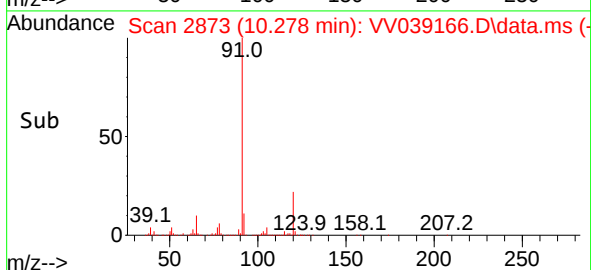
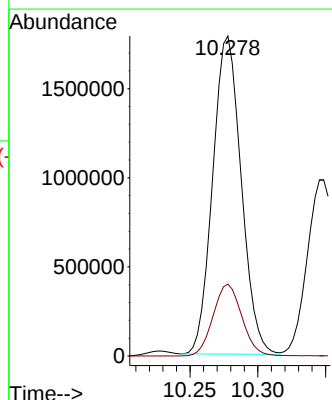
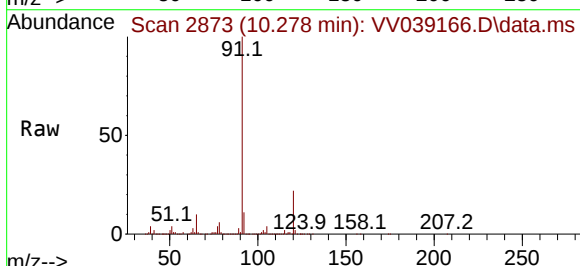
Acq: 24 Sep 2025 20:22

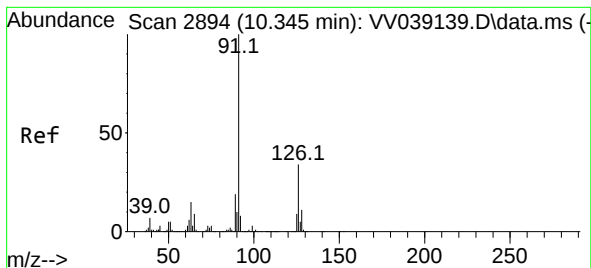
Tgt Ion: 91 Resp: 2610089

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.3

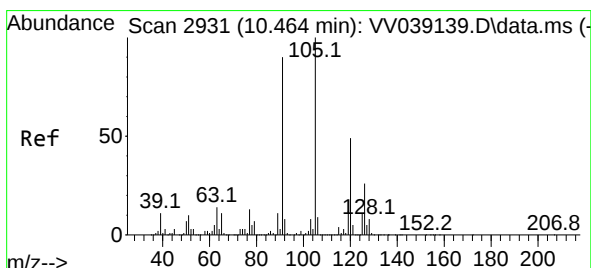
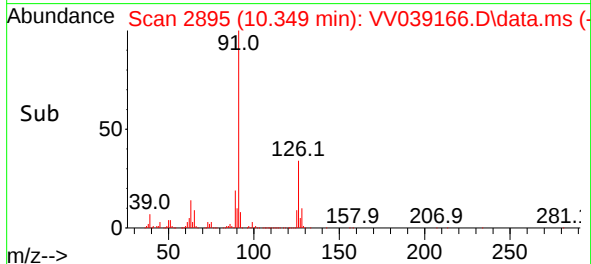
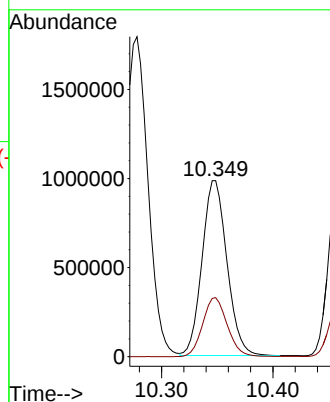
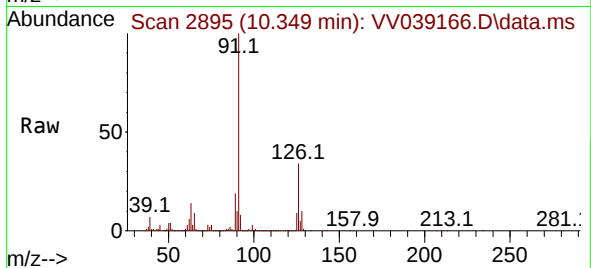




#79
2-Chlorotoluene
Concen: 55.084 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

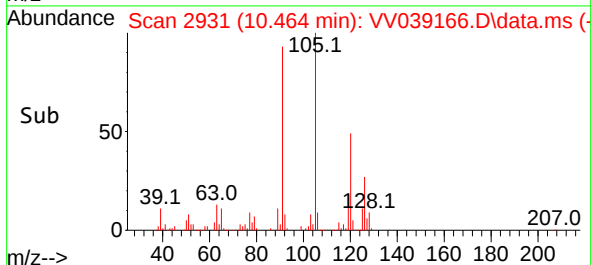
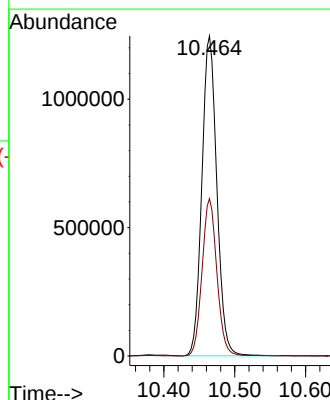
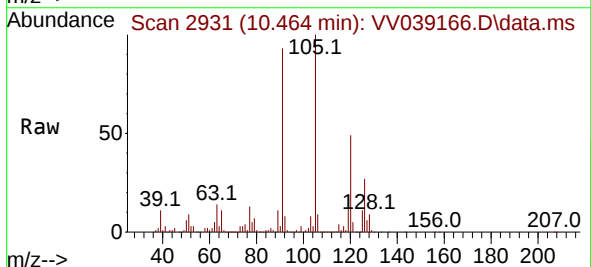
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

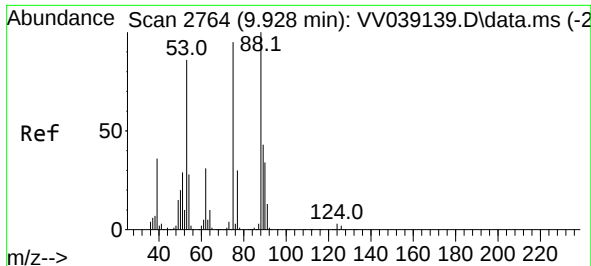
Tgt Ion: 91 Resp: 1526214
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 57.686 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 105 Resp: 1823188
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

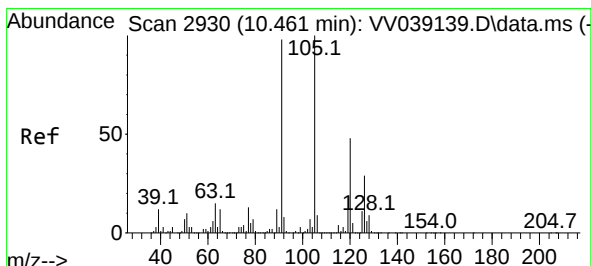
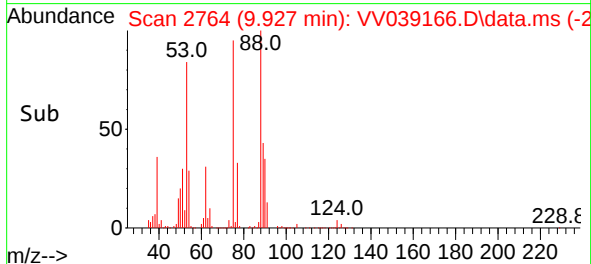
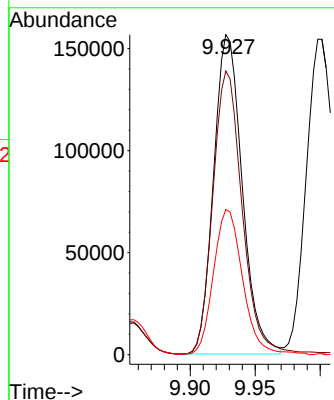
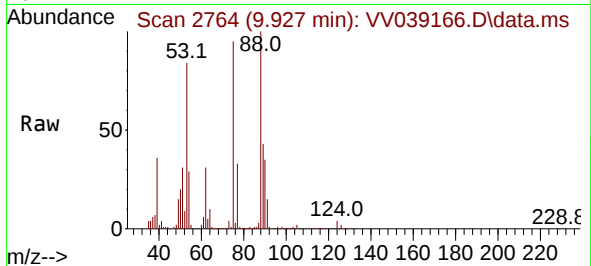




#81
trans-1,4-Dichloro-2-butene
Concen: 48.092 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

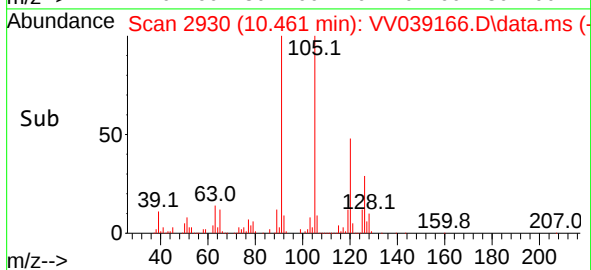
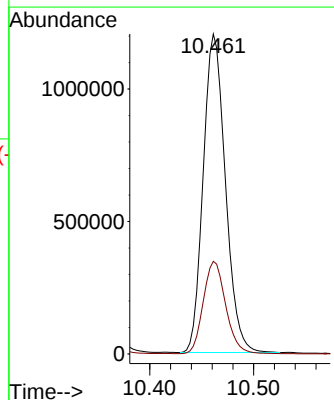
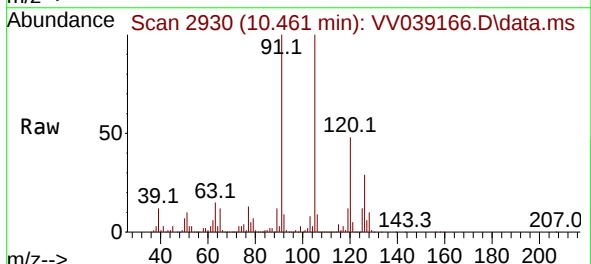
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

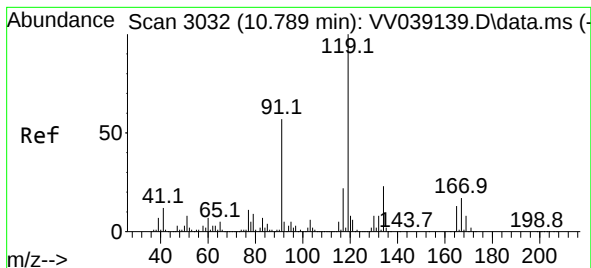
Tgt Ion: 75 Resp: 239117
Ion Ratio Lower Upper
75 100
53 90.6 72.5 108.7
89 46.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 55.449 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039166.D
Acq: 24 Sep 2025 20:22

Tgt Ion: 91 Resp: 1781468
Ion Ratio Lower Upper
91 100
126 29.4 14.5 43.6





#83

tert-Butylbenzene

Concen: 55.346 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

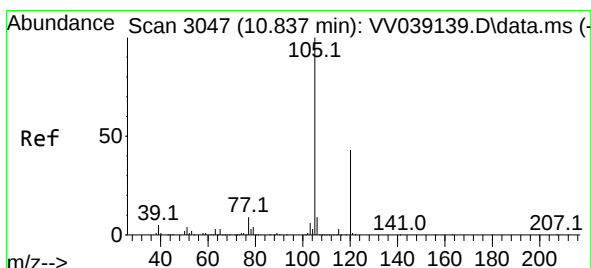
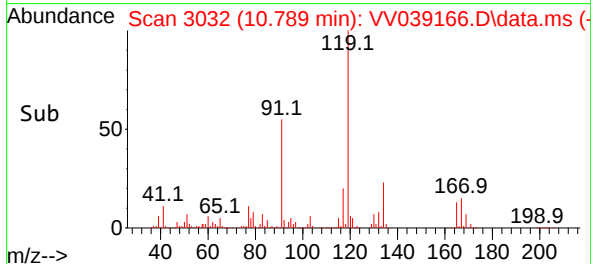
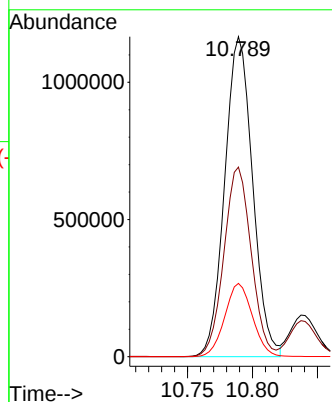
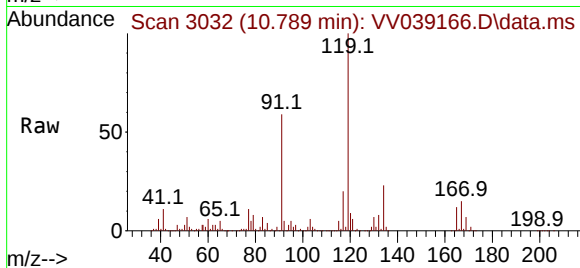
Tgt Ion:119 Resp: 1744256

Ion Ratio Lower Upper

119 100

91 57.9 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 59.363 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039166.D

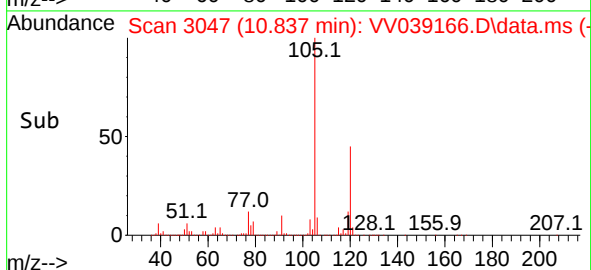
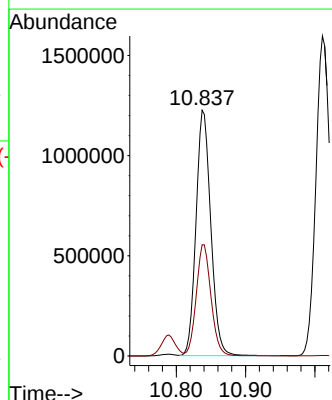
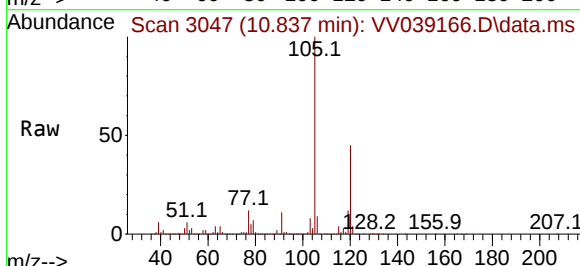
Acq: 24 Sep 2025 20:22

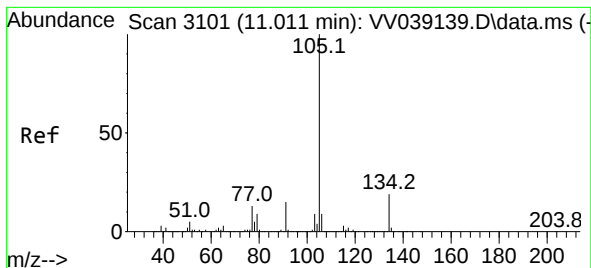
Tgt Ion:105 Resp: 1821461

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 56.237 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

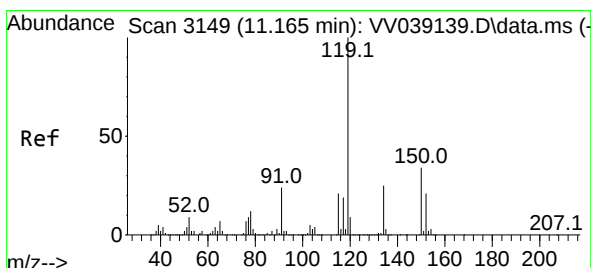
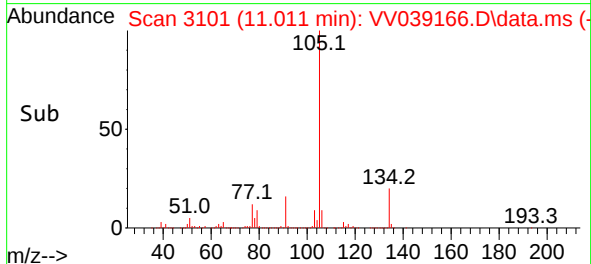
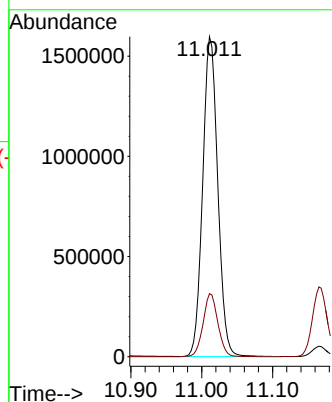
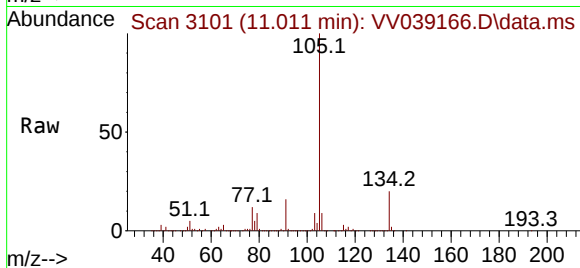
VSTDCCC050EC

Tgt Ion:105 Resp: 2350769

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 56.269 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

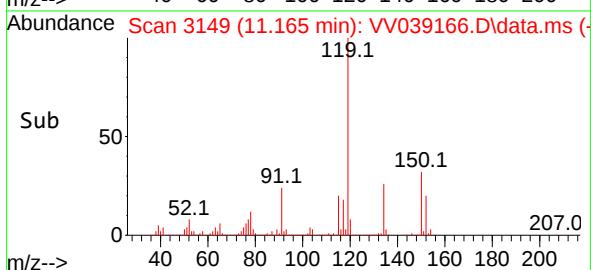
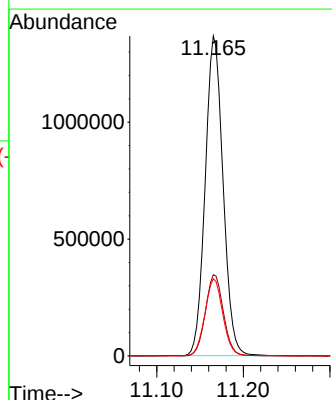
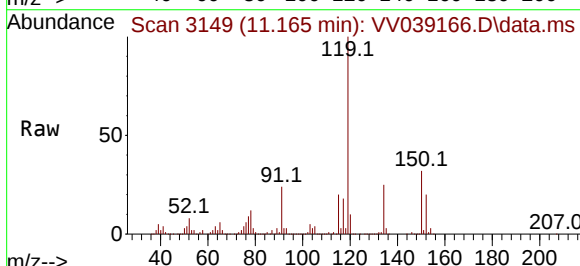
Tgt Ion:119 Resp: 1957660

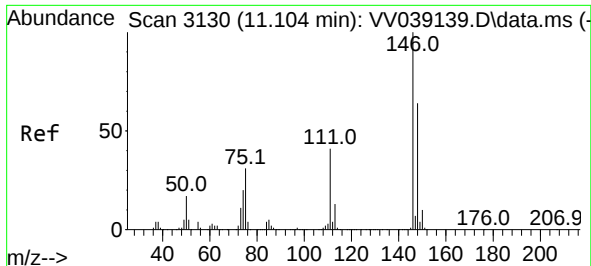
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.399 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

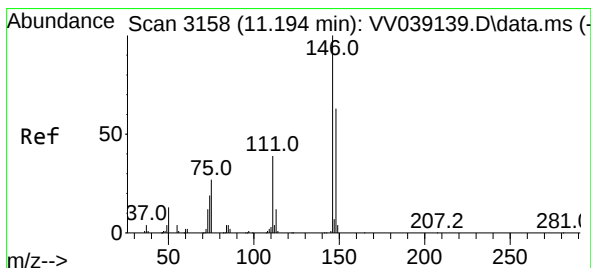
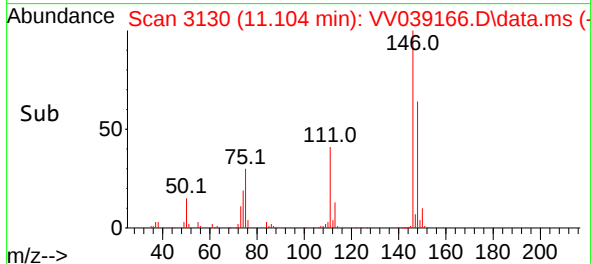
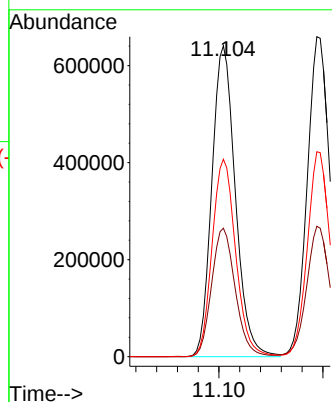
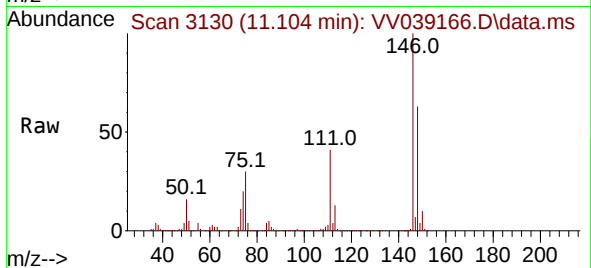
Tgt Ion:146 Resp: 1006247

Ion Ratio Lower Upper

146 100

111 41.6 20.9 62.8

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.251 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

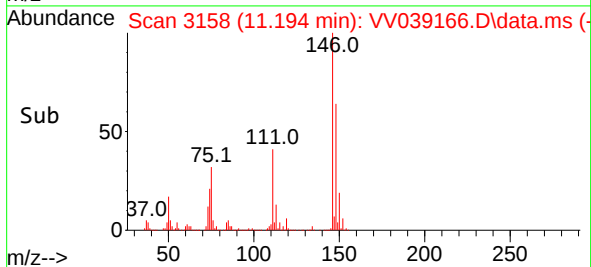
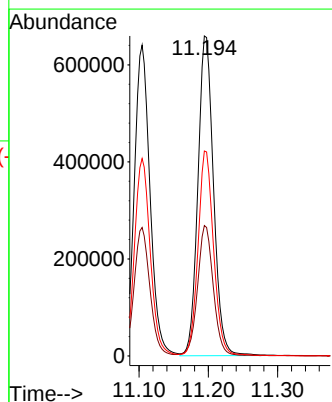
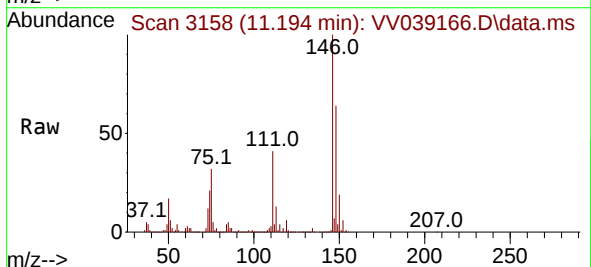
Tgt Ion:146 Resp: 1035019

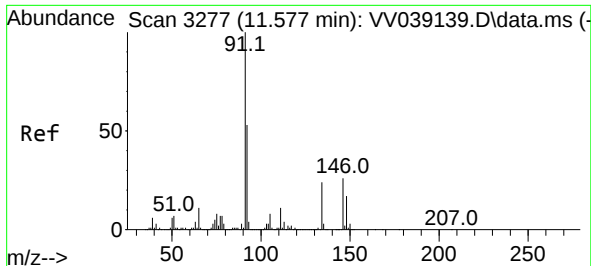
Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.8

148 63.5 31.4 94.2





#89

n-Butylbenzene

Concen: 56.463 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

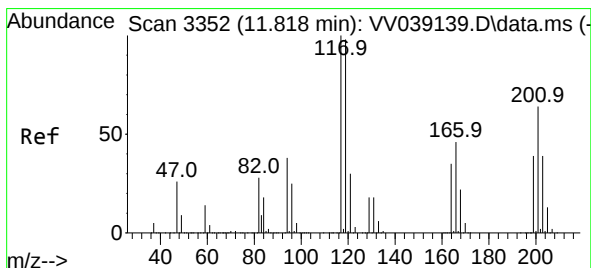
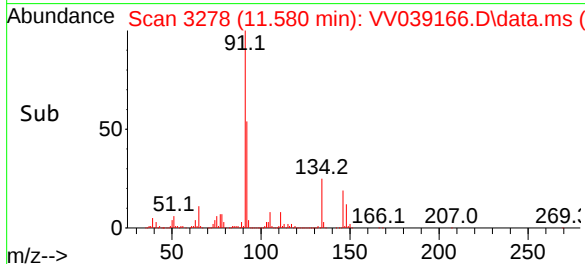
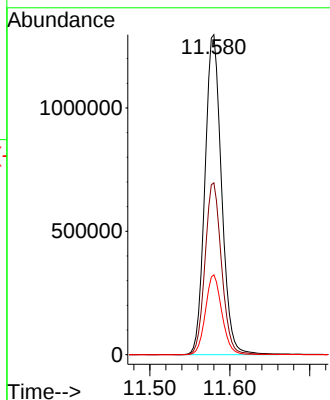
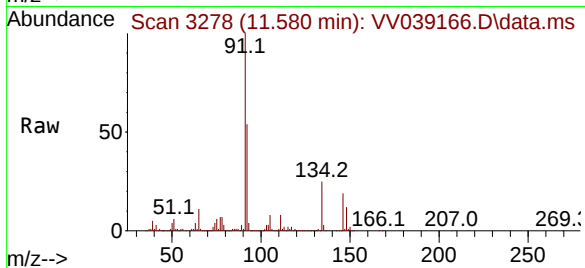
Tgt Ion: 91 Resp: 1876100

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.8

134 24.7 12.1 36.3



#90

Hexachloroethane

Concen: 44.980 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039166.D

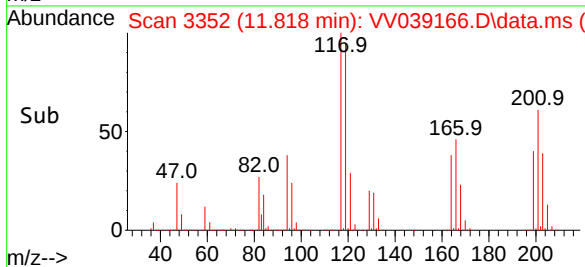
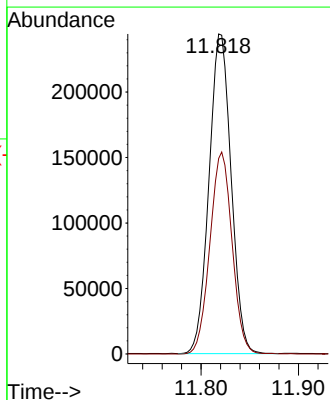
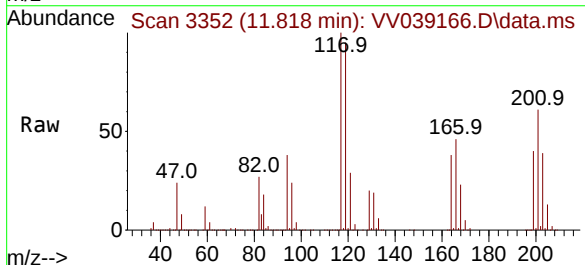
Acq: 24 Sep 2025 20:22

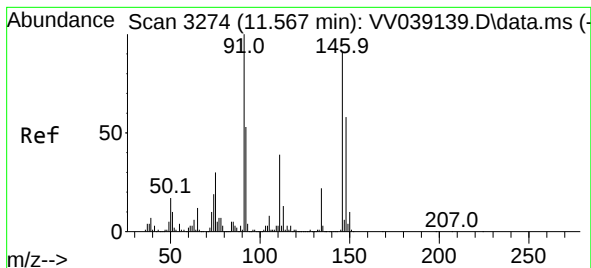
Tgt Ion: 117 Resp: 385367

Ion Ratio Lower Upper

117 100

201 63.2 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 50.868 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

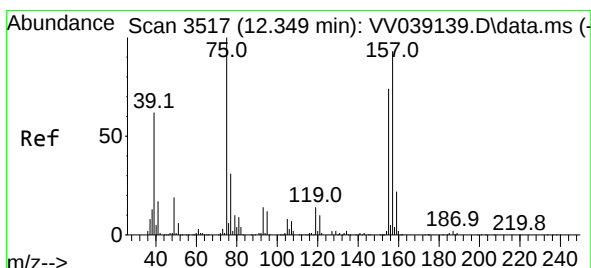
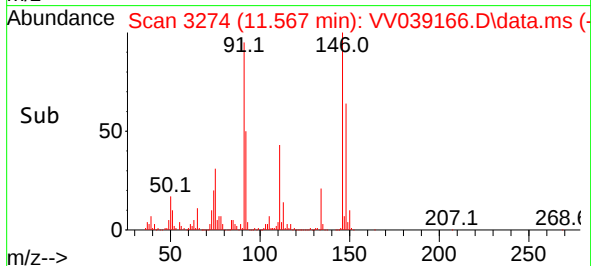
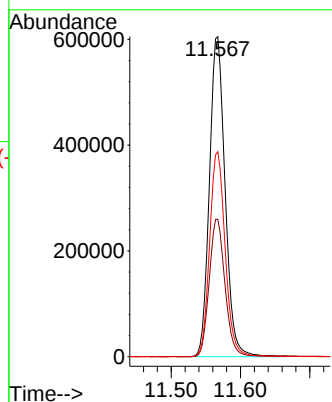
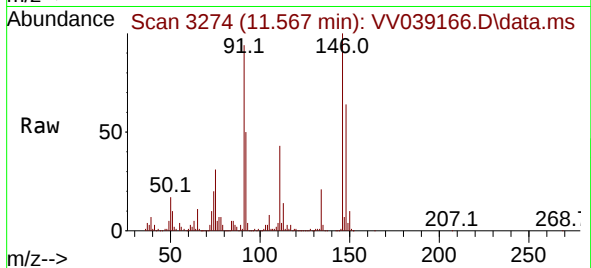
Tgt Ion:146 Resp: 948874

Ion Ratio Lower Upper

146 100

111 43.3 21.5 64.5

148 63.6 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.471 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

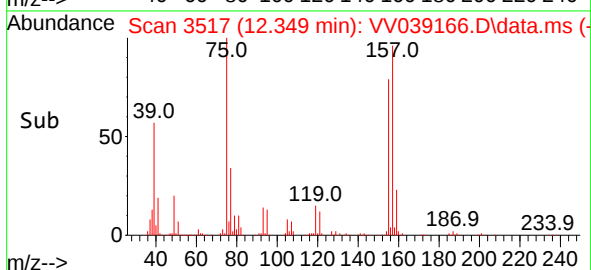
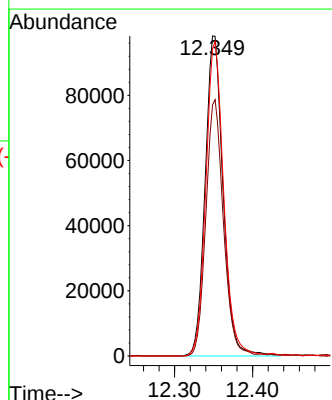
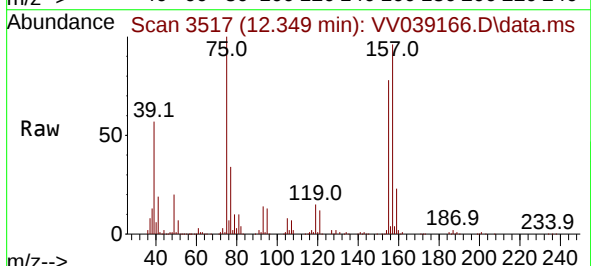
Tgt Ion: 75 Resp: 157643

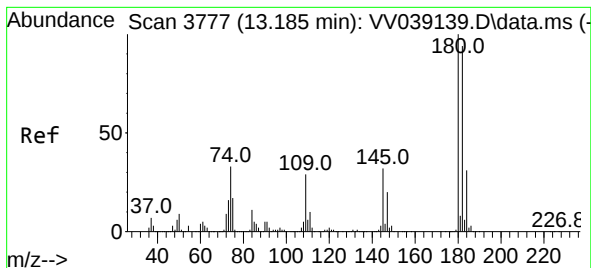
Ion Ratio Lower Upper

75 100

155 78.3 38.6 115.8

157 97.5 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 55.161 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.001 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

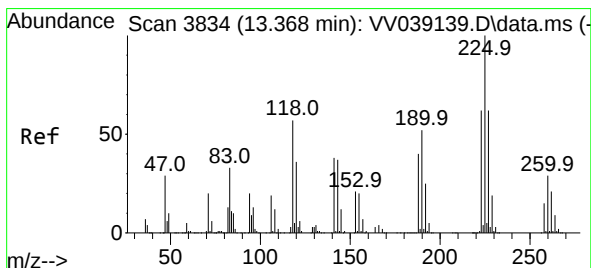
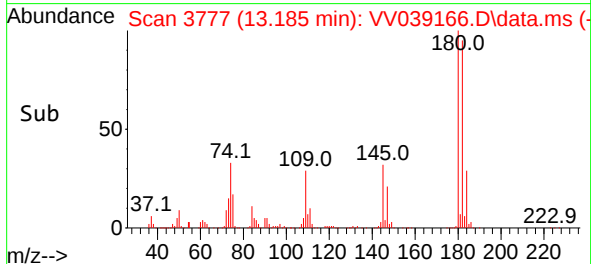
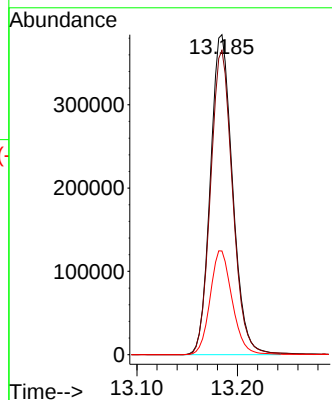
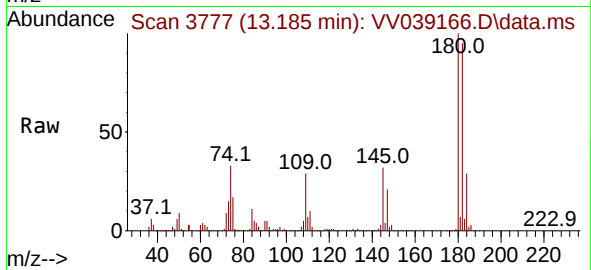
Tgt Ion:180 Resp: 589836

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 32.4 16.3 48.8



#94

Hexachlorobutadiene

Concen: 46.980 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

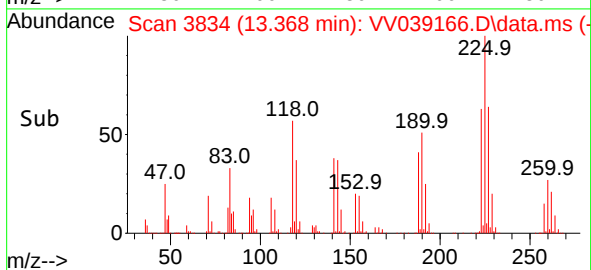
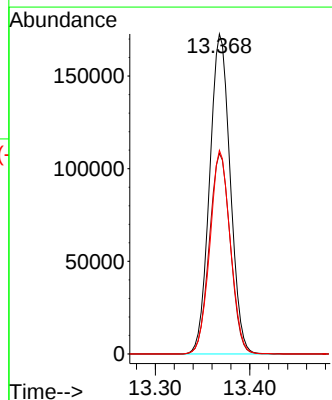
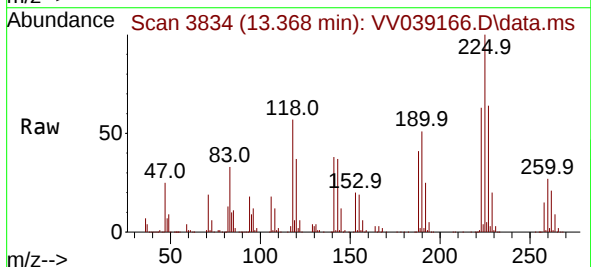
Tgt Ion:225 Resp: 261026

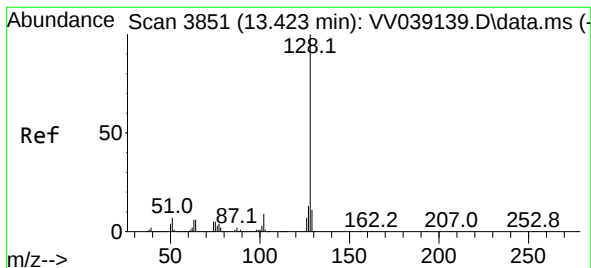
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.7

227 63.1 31.8 95.4





#95

Naphthalene

Concen: 60.549 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.001 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

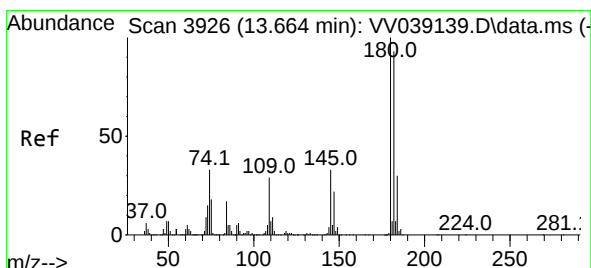
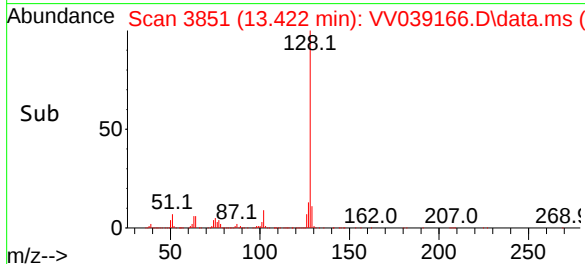
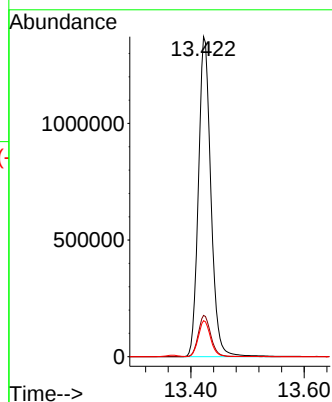
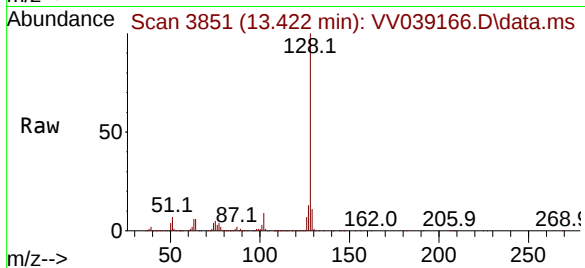
Tgt Ion:128 Resp: 2092639

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.951 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.000 min

Lab File: VV039166.D

Acq: 24 Sep 2025 20:22

Tgt Ion:180 Resp: 600961

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.8

145 35.1 17.0 51.0

