

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039196.D
 Acq On : 25 Sep 2025 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 01:39:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	623105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	991701	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	932595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	544600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	379050	42.032	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	84.060%		
35) Dibromofluoromethane	4.500	113	368384	46.207	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	92.420%		
50) Toluene-d8	7.236	98	1066367	45.542	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	91.080%		
62) 4-Bromofluorobenzene	10.002	95	492716	51.115	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	102.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	435024	44.103	ug/l	97
3) Chloromethane	1.230	50	460582	43.497	ug/l	100
4) Vinyl Chloride	1.298	62	517484	45.649	ug/l	100
5) Bromomethane	1.494	94	294933	41.271	ug/l	99
6) Chloroethane	1.558	64	318683	47.574	ug/l	97
7) Trichlorofluoromethane	1.725	101	760801	46.354	ug/l	100
8) Diethyl Ether	1.918	74	287064	47.114	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	450056	46.086	ug/l	98
10) Methyl Iodide	2.198	142	393310	42.293	ug/l	99
11) Tert butyl alcohol	2.571	59	479561	251.603	ug/l	100
12) 1,1-Dichloroethene	2.082	96	443449	47.202	ug/l	93
13) Acrolein	2.011	56	79126	239.243	ug/l	98
14) Allyl chloride	2.359	41	749464	44.660	ug/l	96
15) Acrylonitrile	2.674	53	1397926	228.791	ug/l	99
16) Acetone	2.118	43	1066630	187.253	ug/l	96
17) Carbon Disulfide	2.253	76	1258893	43.815	ug/l	99
18) Methyl Acetate	2.378	43	661808	49.530	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	1456084	48.638	ug/l	98
20) Methylene Chloride	2.455	84	512099	52.754	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	468953	46.888	ug/l	97
22) Diisopropyl ether	3.217	45	1477687	46.022	ug/l	99
23) Vinyl Acetate	3.188	43	6386811	227.388	ug/l	98
24) 1,1-Dichloroethane	3.118	63	885855	45.116	ug/l	98
25) 2-Butanone	3.867	43	1669374	231.168	ug/l	96
26) 2,2-Dichloropropane	3.812	77	611309	35.113	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	538999	48.864	ug/l	95
28) Bromochloromethane	4.146	49	407613	47.024	ug/l	91
29) Tetrahydrofuran	4.240	42	1123724	248.606	ug/l	96
30) Chloroform	4.278	83	901772	43.982	ug/l	100
31) Cyclohexane	4.584	56	688247	42.789	ug/l	97
32) 1,1,1-Trichloroethane	4.513	97	788516	44.422	ug/l	98
36) 1,1-Dichloropropene	4.744	75	590045	48.952	ug/l	99
37) Ethyl Acetate	3.976	43	666592	45.575	ug/l	97
38) Carbon Tetrachloride	4.735	117	663833	45.063	ug/l	100
39) Methylcyclohexane	6.047	83	696431	47.844	ug/l	99
40) Benzene	5.008	78	1906186	48.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	311846	47.265	ug/l	97
42) 1,2-Dichloroethane	5.040	62	627388	45.618	ug/l	99
43) Isopropyl Acetate	5.195	43	1000677	50.178	ug/l	97
44) Trichloroethene	5.831	130	455735	50.317	ug/l	98
45) 1,2-Dichloropropane	6.088	63	478425	49.039	ug/l	96
46) Dibromomethane	6.224	93	357426	47.867	ug/l	96
47) Bromodichloromethane	6.426	83	715836	46.371	ug/l	97
48) Methyl methacrylate	6.294	41	476404	52.700	ug/l	96
49) 1,4-Dioxane	6.291	88	156591	1073.387	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	3455820	263.407	ug/l	96
52) Toluene	7.307	92	1200478	52.750	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	689380	51.243	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	756919	50.966	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	502913	49.285	ug/l	98
56) Ethyl methacrylate	7.715	69	711368	58.703	ug/l	96
57) 1,3-Dichloropropane	7.934	76	807258	50.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1617004	236.844	ug/l	99
59) 2-Hexanone	8.063	43	2565821	242.356	ug/l	97
60) Dibromochloromethane	8.166	129	558752	48.055	ug/l	100
61) 1,2-Dibromoethane	8.272	107	532627	51.039	ug/l	100
64) Tetrachloroethene	7.895	164	393601	50.389	ug/l	98
65) Chlorobenzene	8.802	112	1305508	50.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	466107	49.659	ug/l	99
67) Ethyl Benzene	8.937	91	2178452	55.401	ug/l	98
68) m/p-Xylenes	9.063	106	1758958	115.899	ug/l	99
69) o-Xylene	9.468	106	802318	59.705	ug/l	97
70) Styrene	9.484	104	1461822	51.321	ug/l	99
71) Bromoform	9.654	173	387515	52.855	ug/l #	100
73) Isopropylbenzene	9.854	105	2135945	54.074	ug/l	100
74) N-amyl acetate	9.725	43	903132	57.321	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.166	83	800806	46.271	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	607717	49.011	ug/l	97
77) Bromobenzene	10.140	156	528374	51.558	ug/l	98
78) n-propylbenzene	10.278	91	2563942	53.303	ug/l	98
79) 2-Chlorotoluene	10.346	91	1551376	53.900	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	1801809	54.880	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	261335	50.597	ug/l	96
82) 4-Chlorotoluene	10.461	91	1831395	54.873	ug/l	99
83) tert-Butylbenzene	10.789	119	1704660	52.069	ug/l	100
84) 1,2,4-Trimethylbenzene	10.838	105	1810927	56.814	ug/l	99
85) sec-Butylbenzene	11.011	105	2232881	51.421	ug/l	99
86) p-Isopropyltoluene	11.165	119	1876856	51.931	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1032063	49.760	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1073549	47.179	ug/l	99
89) n-Butylbenzene	11.580	91	1777212	51.488	ug/l	99
90) Hexachloroethane	11.818	117	370643	41.645	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	976434	50.390	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	166109	53.186	ug/l	95
93) 1,2,4-Trichlorobenzene	13.185	180	580780	52.285	ug/l	100
94) Hexachlorobutadiene	13.368	225	232401	40.265	ug/l	100
95) Naphthalene	13.423	128	2178110	60.667	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	600046	52.817	ug/l	100

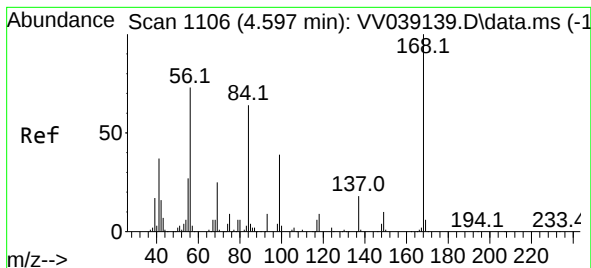
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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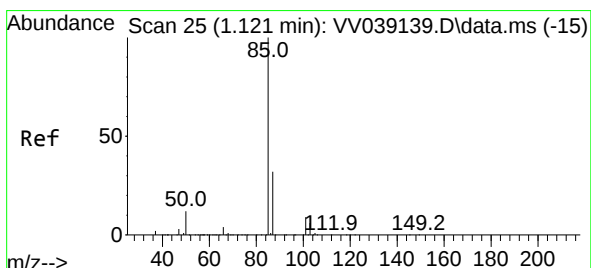
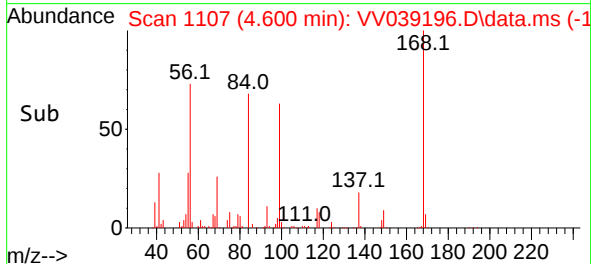
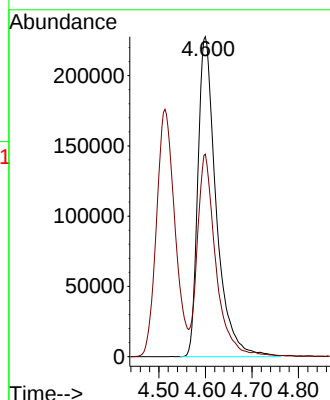
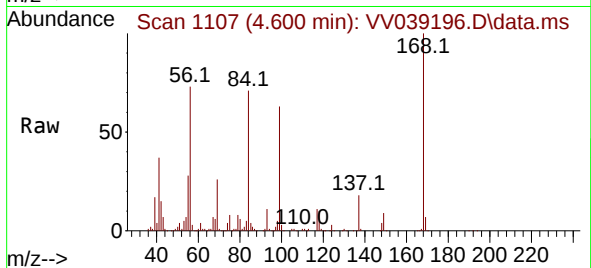
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

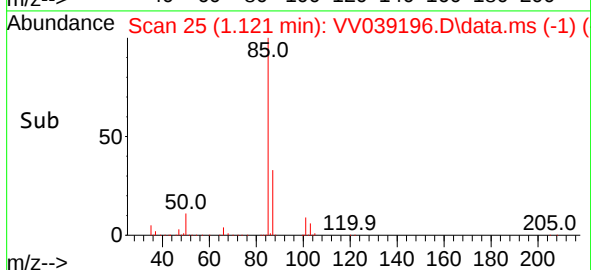
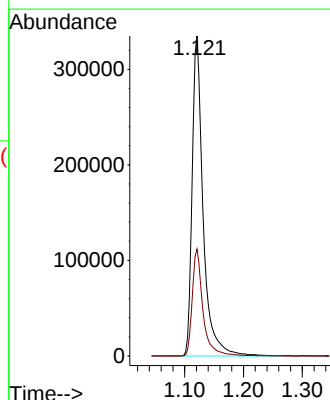
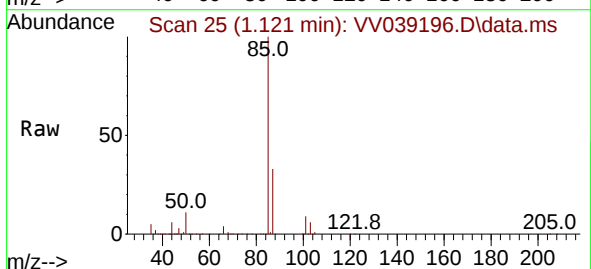
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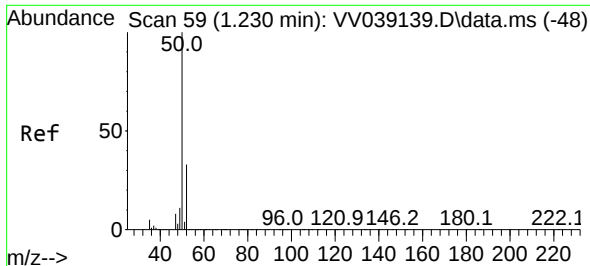
Tgt Ion:168 Resp: 623105
Ion Ratio Lower Upper
168 100
99 63.0 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 44.103 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 85 Resp: 435024
Ion Ratio Lower Upper
85 100
87 33.4 16.0 47.9

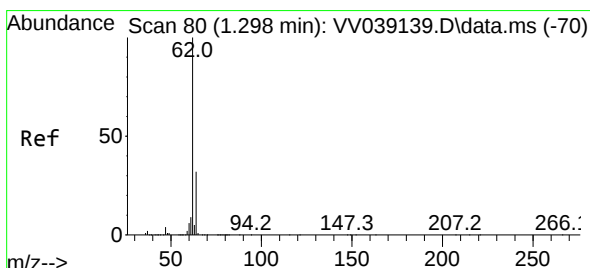
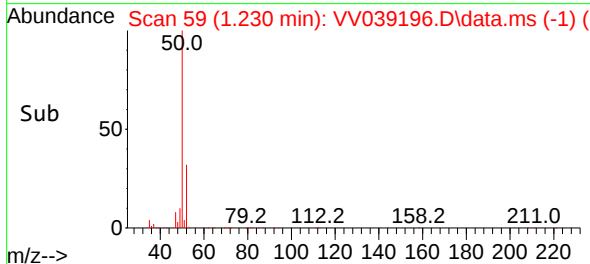
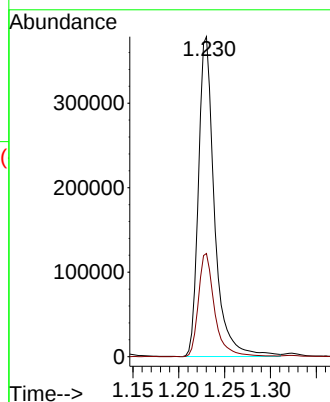
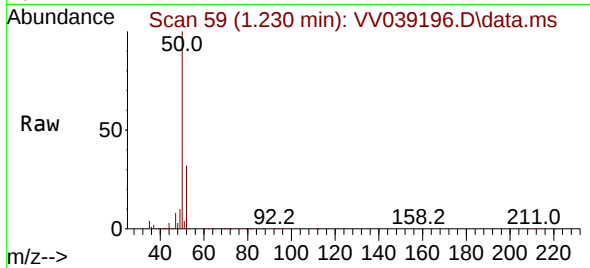




#3
Chloromethane
Concen: 43.497 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

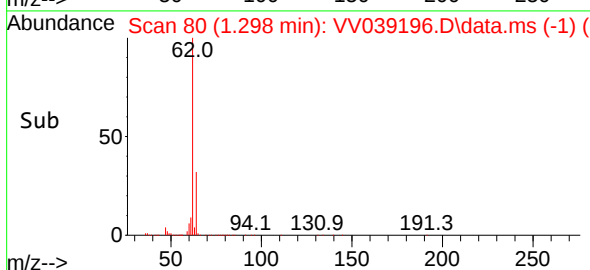
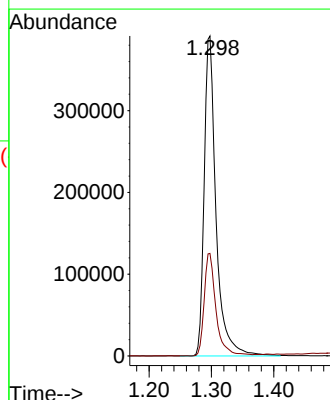
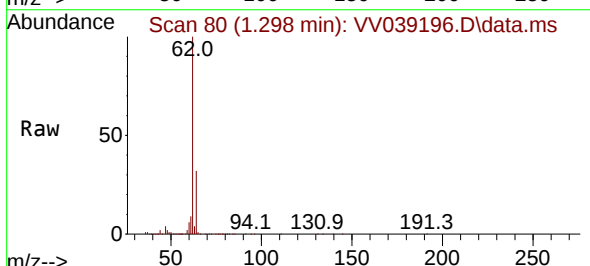
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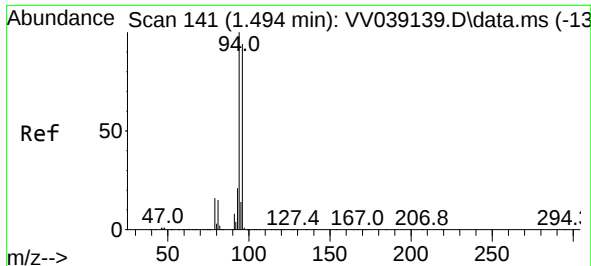
Tgt Ion: 50 Resp: 460582
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 45.649 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 62 Resp: 517484
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

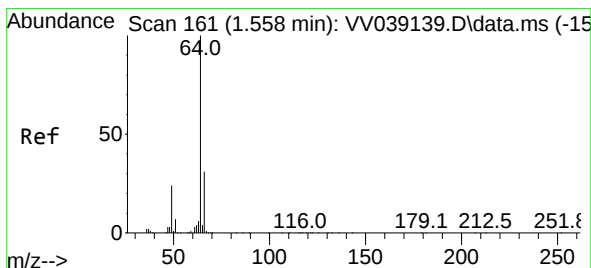
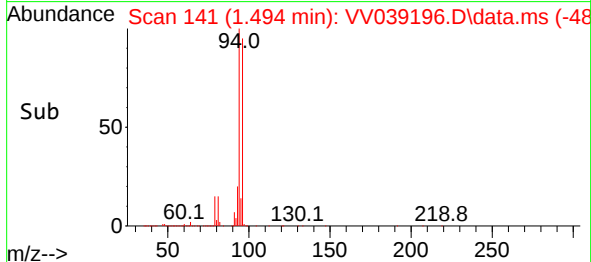
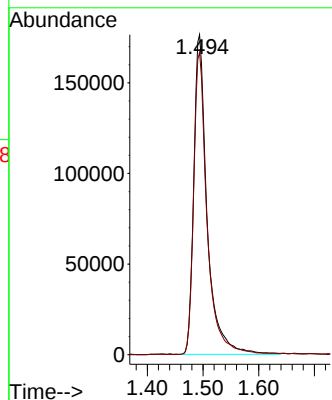
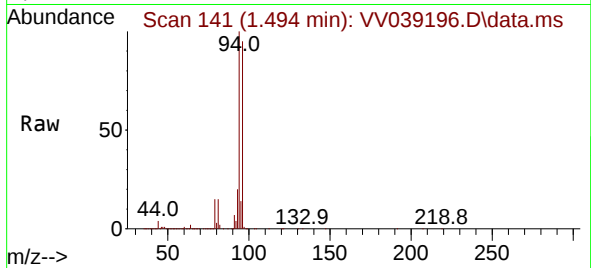




#5
Bromomethane
Concen: 41.271 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

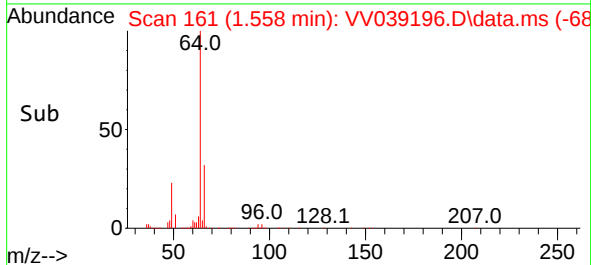
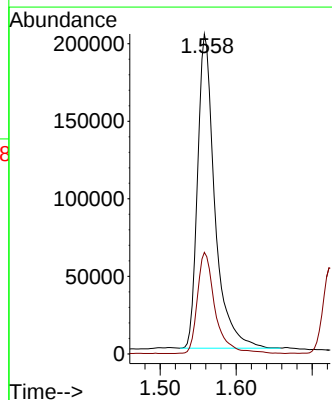
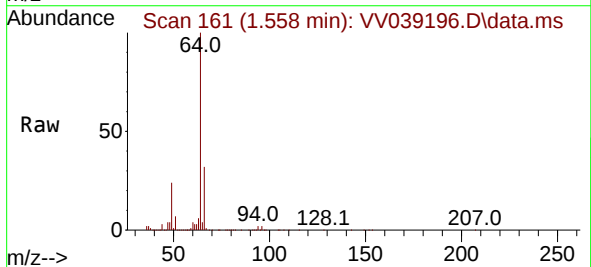
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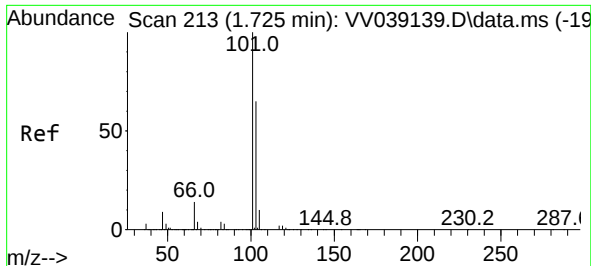
Tgt Ion: 94 Resp: 294933
Ion Ratio Lower Upper
94 100
96 94.5 74.9 112.3



#6
Chloroethane
Concen: 47.574 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 64 Resp: 318683
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8

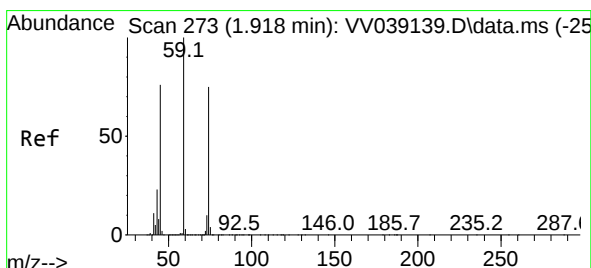
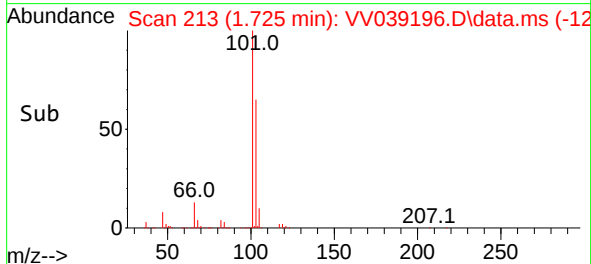
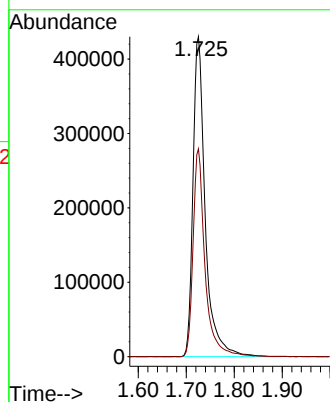
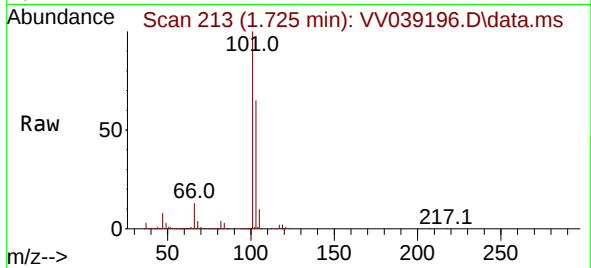




#7
Trichlorofluoromethane
Concen: 46.354 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

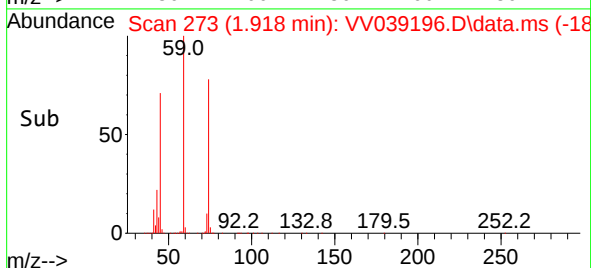
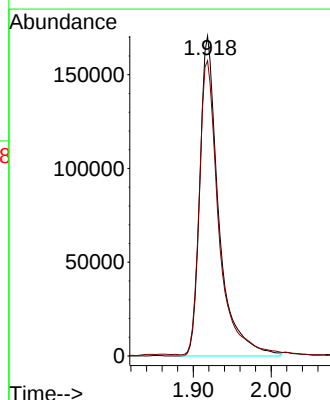
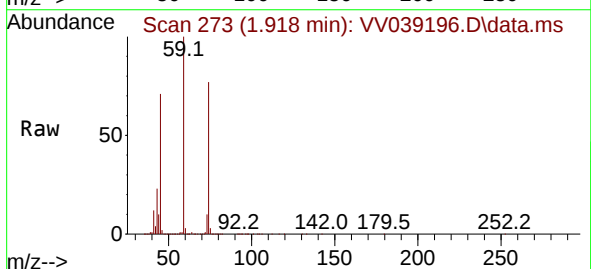
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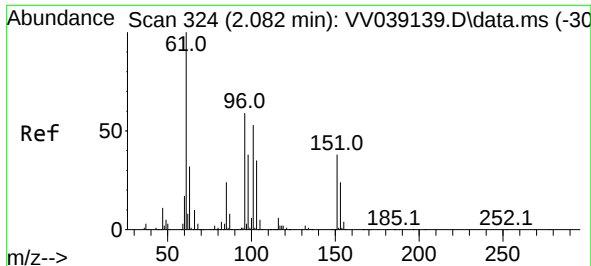
Tgt Ion:101 Resp: 760801
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0



#8
Diethyl Ether
Concen: 47.114 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 74 Resp: 287064
Ion Ratio Lower Upper
74 100
45 94.9 49.6 148.8

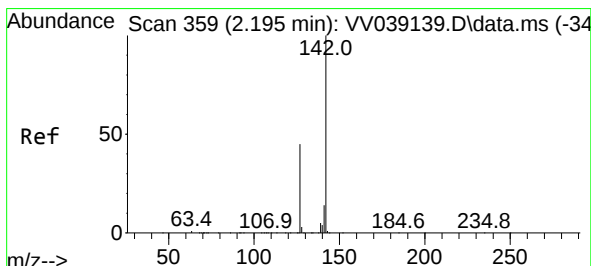
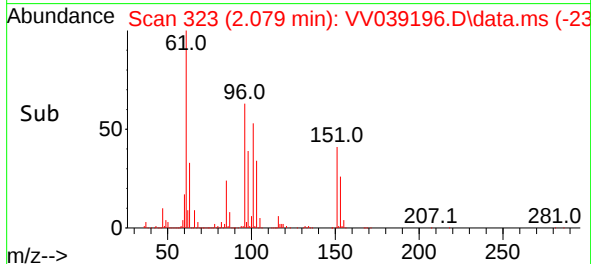
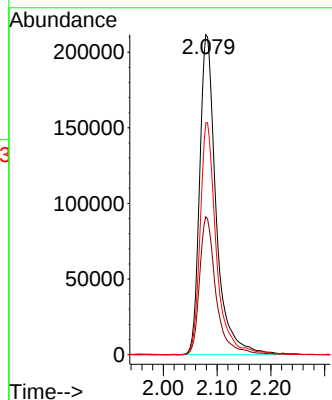
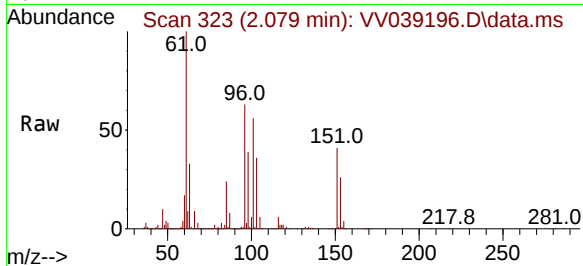




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.086 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
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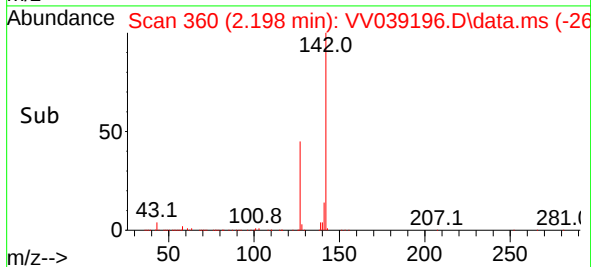
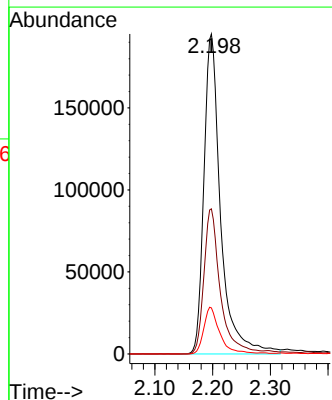
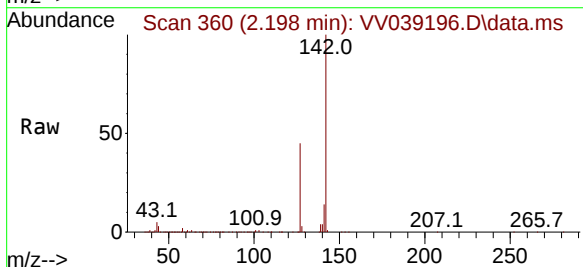
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

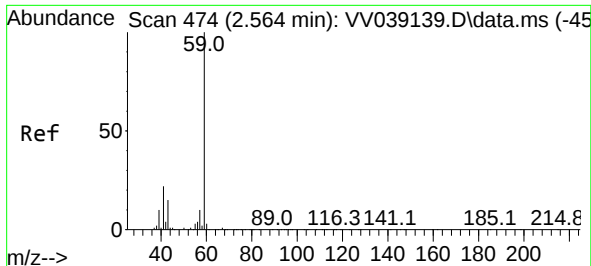
Tgt Ion:101 Resp: 450056
Ion Ratio Lower Upper
101 100
85 43.2 36.2 54.2
151 71.4 56.3 84.5



#10
Methyl Iodide
Concen: 42.293 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:142 Resp: 393310
Ion Ratio Lower Upper
142 100
127 44.5 36.3 54.5
141 13.9 11.2 16.8

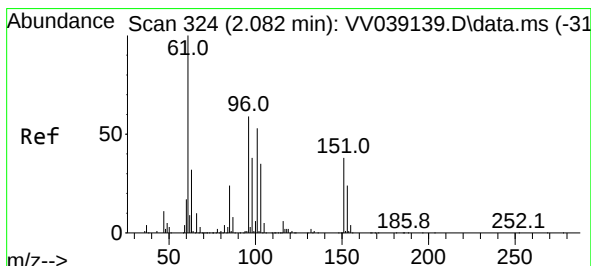
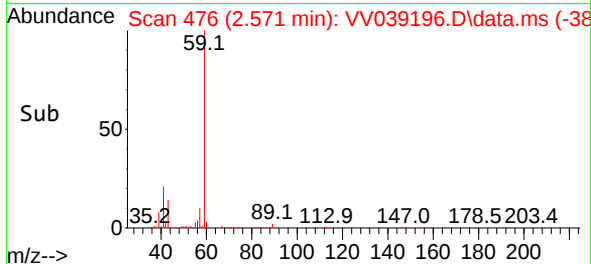
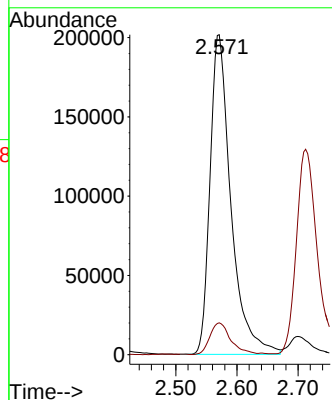
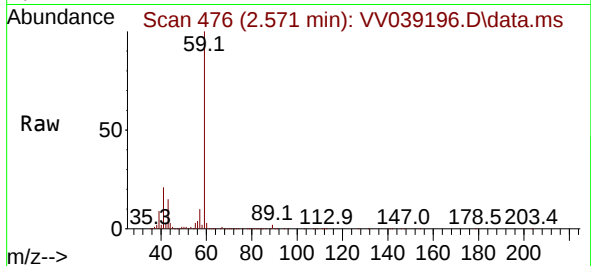




#11
Tert butyl alcohol
Concen: 251.603 ug/l
RT: 2.571 min Scan# 474
Delta R.T. 0.006 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

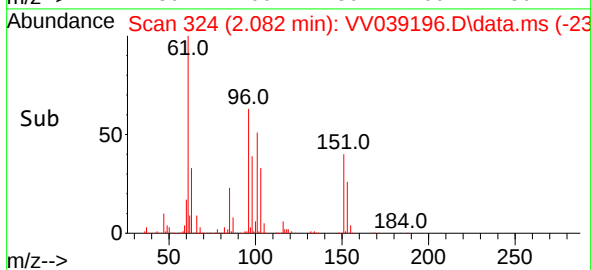
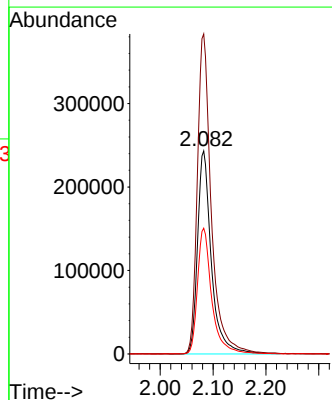
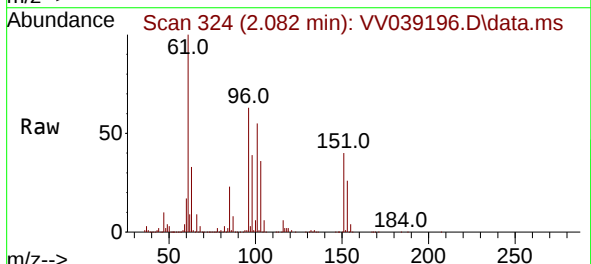
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

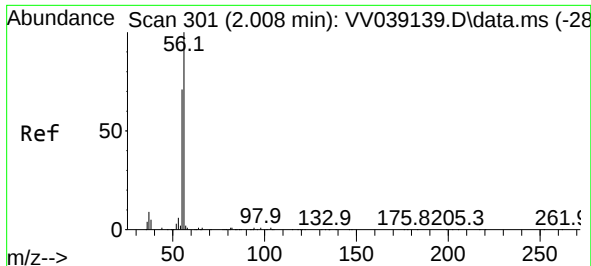
Tgt Ion: 59 Resp: 479561
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.202 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 96 Resp: 443449
Ion Ratio Lower Upper
96 100
61 157.5 136.0 204.0
98 61.9 51.0 76.6

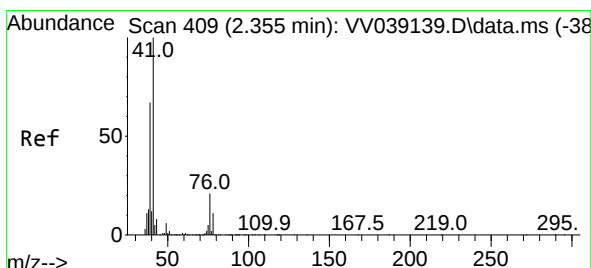
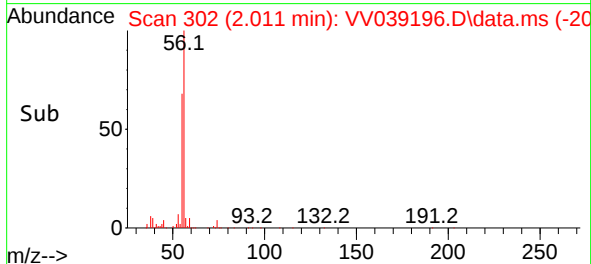
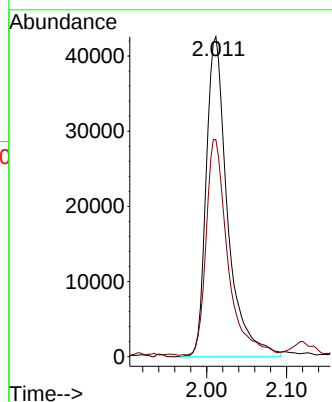
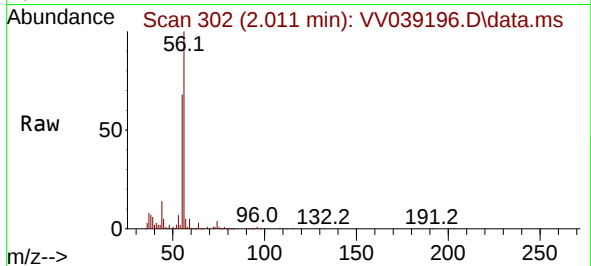




#13
Acrolein
Concen: 239.243 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

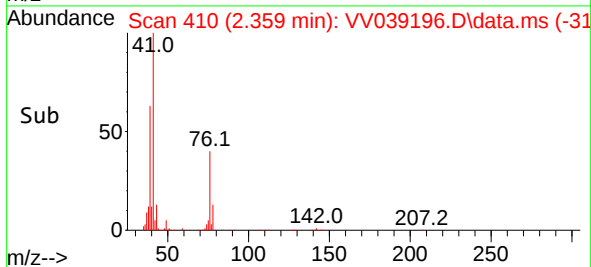
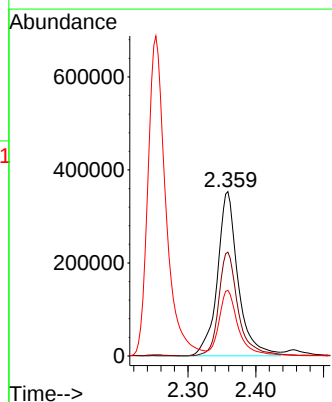
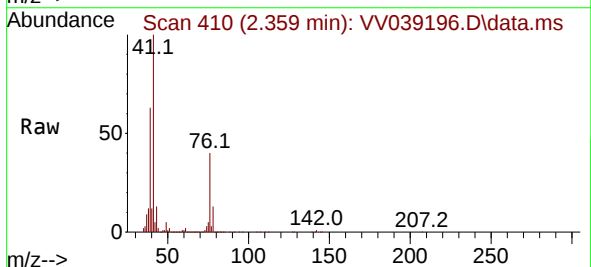
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

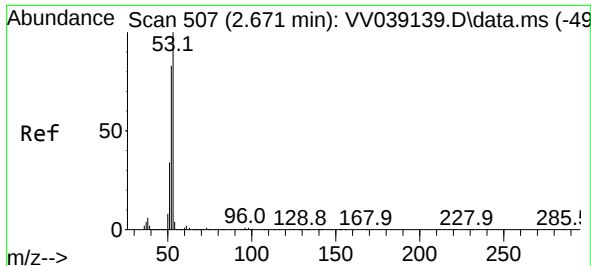
Tgt Ion: 56 Resp: 79126
Ion Ratio Lower Upper
56 100
55 68.2 56.2 84.4



#14
Allyl chloride
Concen: 44.660 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 41 Resp: 749464
Ion Ratio Lower Upper
41 100
39 59.6 51.0 76.6
76 36.9 28.2 42.4



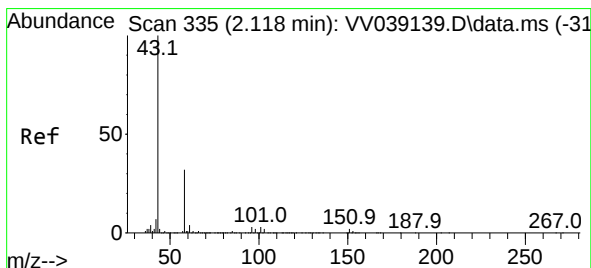
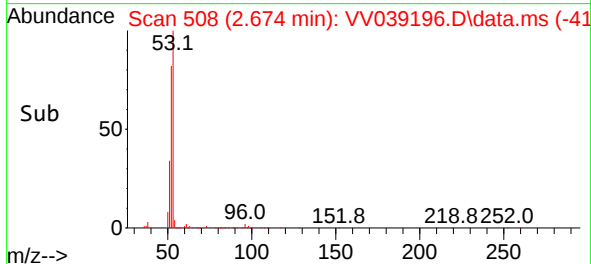
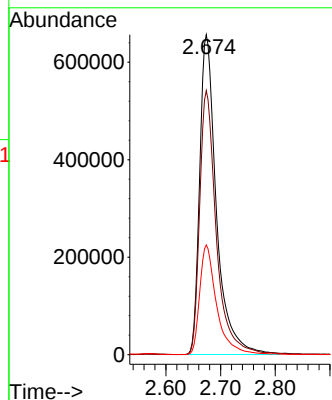
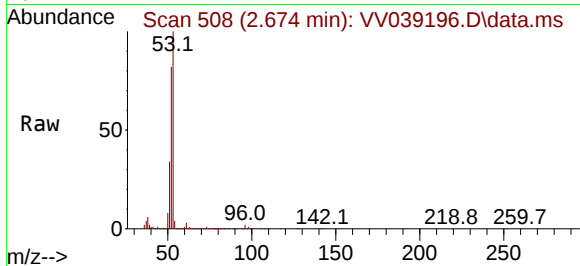


#15
Acrylonitrile
Concen: 228.791 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1397926

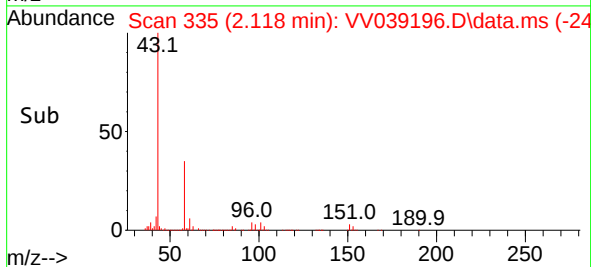
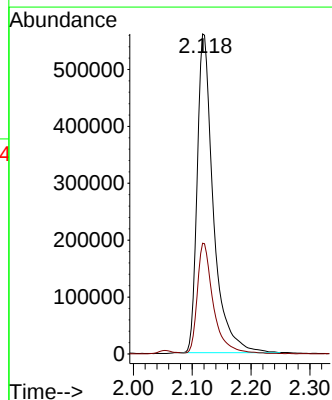
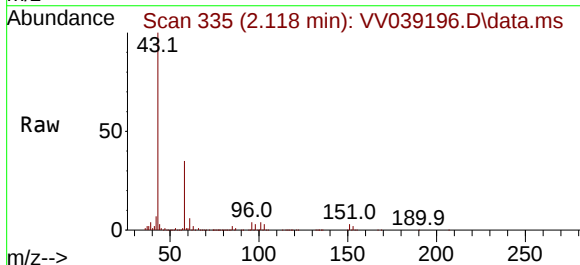
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.1	99.1
51	34.6	28.5	42.7

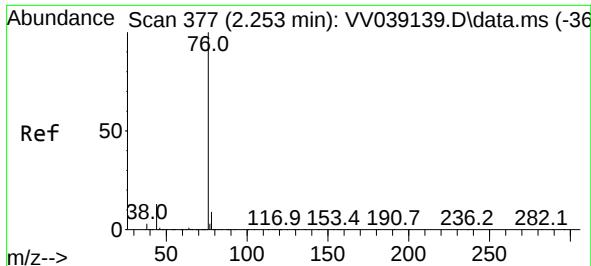


#16
Acetone
Concen: 187.253 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 43 Resp: 1066630

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.8	38.6

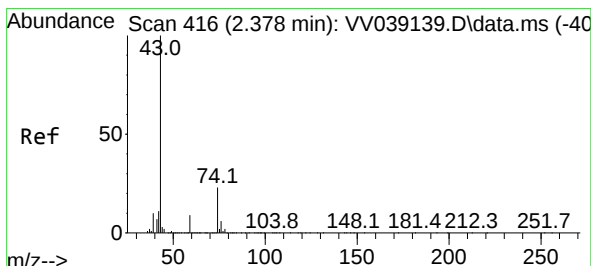
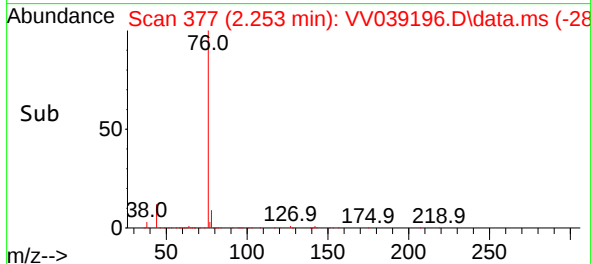
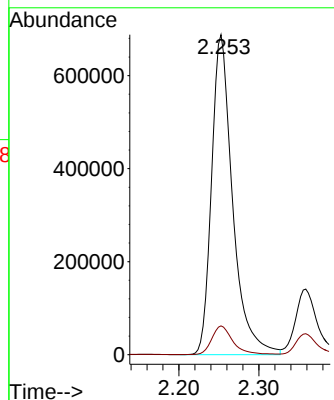
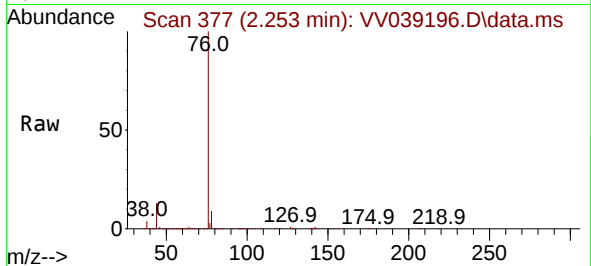




#17
Carbon Disulfide
Concen: 43.815 ug/l
RT: 2.253 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

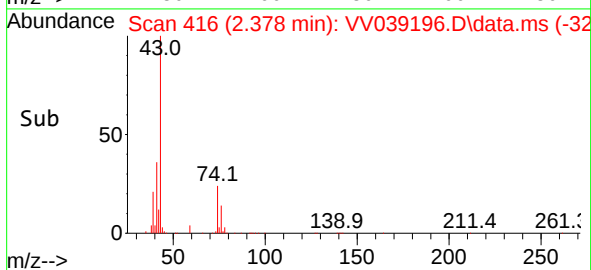
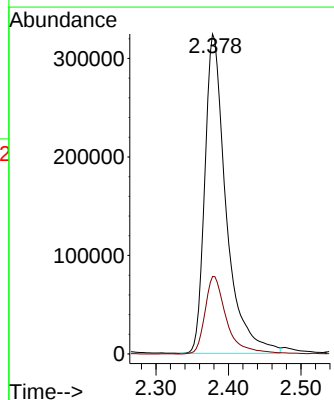
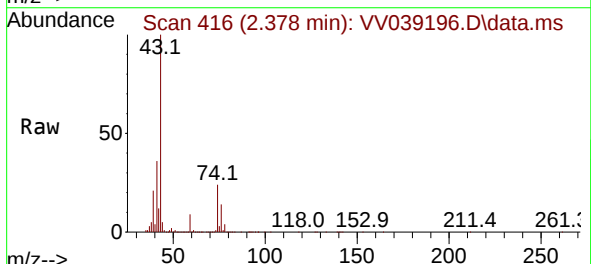
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

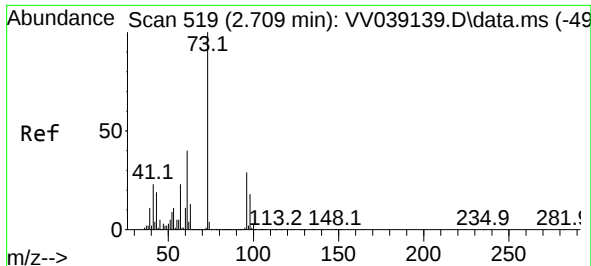
Tgt Ion: 76 Resp: 1258893
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 49.530 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 43 Resp: 661808
Ion Ratio Lower Upper
43 100
74 24.8 18.6 27.8

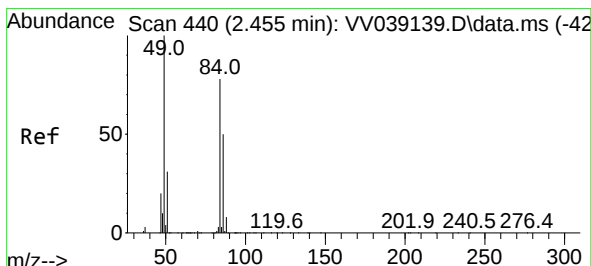
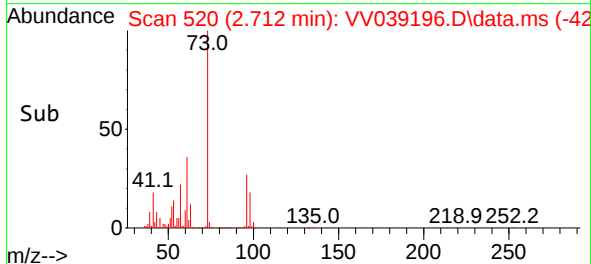
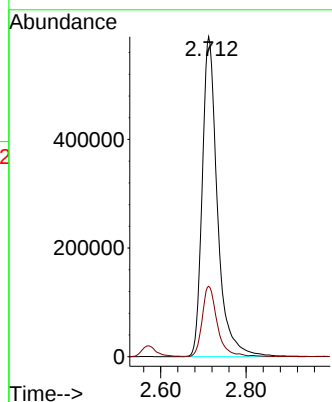
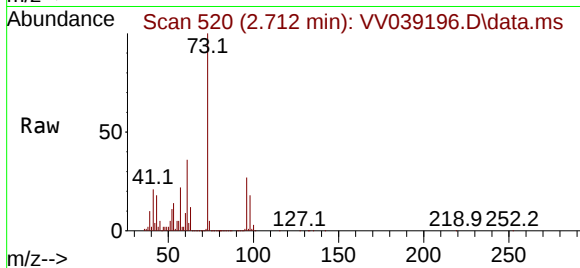




#19
Methyl tert-butyl Ether
Concen: 48.638 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

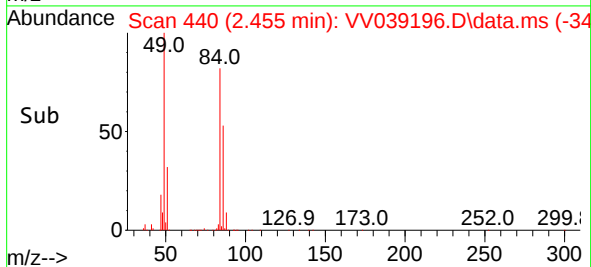
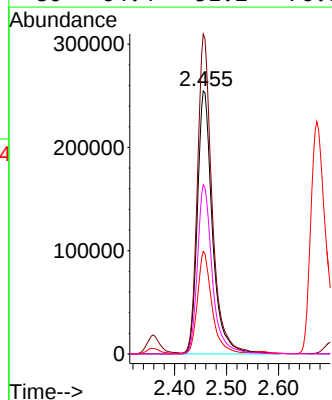
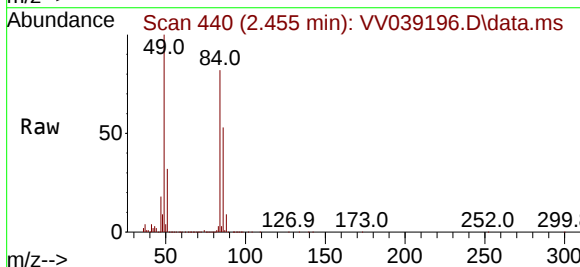
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

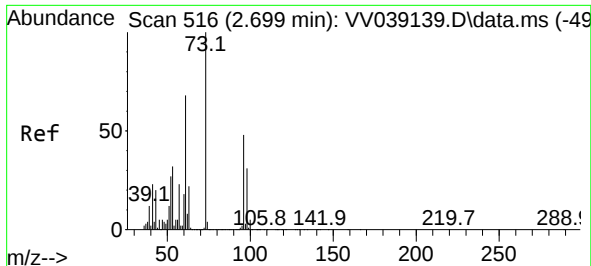
Tgt Ion: 73 Resp: 1456084
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4



#20
Methylene Chloride
Concen: 52.754 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 84 Resp: 512099
Ion Ratio Lower Upper
84 100
49 121.4 102.8 154.2
51 38.8 31.9 47.9
86 64.4 51.2 76.8

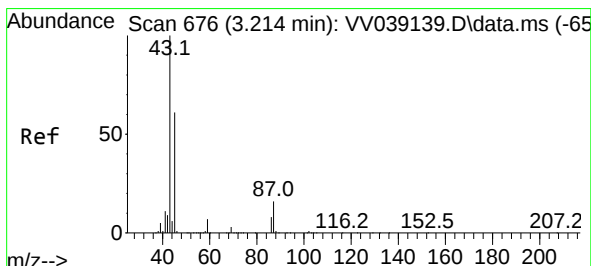
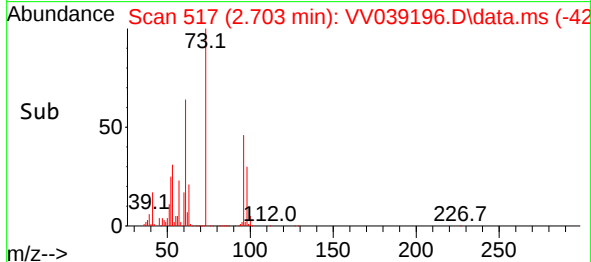
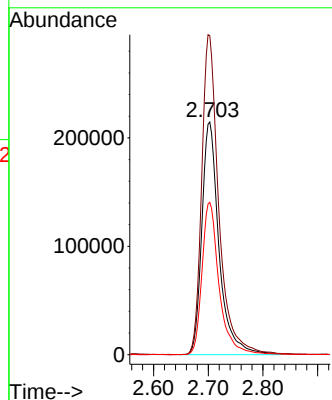
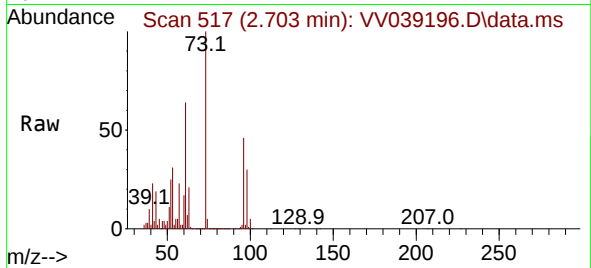




#21
trans-1,2-Dichloroethene
Concen: 46.888 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

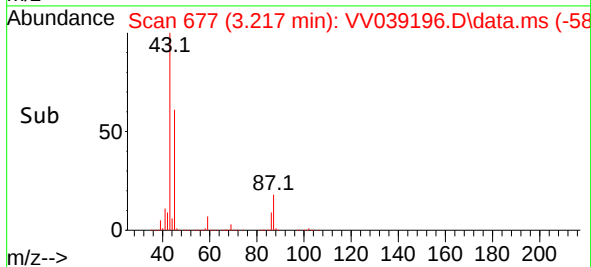
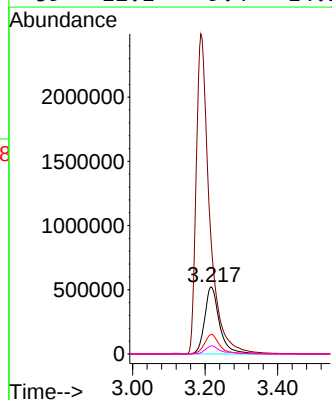
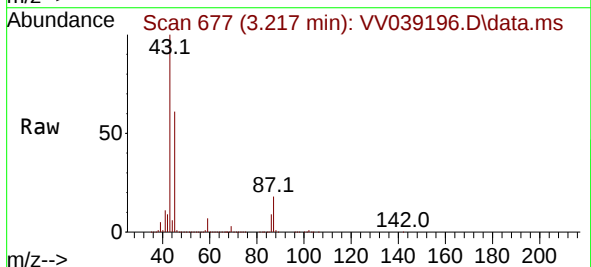
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

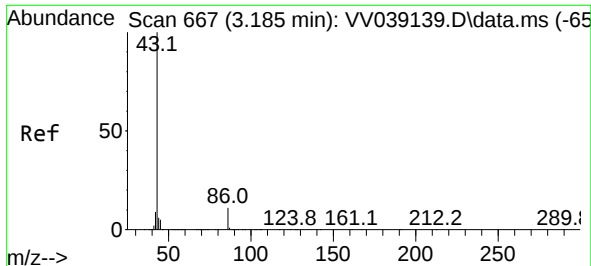
Tgt Ion: 96 Resp: 468953
Ion Ratio Lower Upper
96 100
61 137.1 112.8 169.2
98 65.4 51.1 76.7



#22
Diisopropyl ether
Concen: 46.022 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 45 Resp: 1477687
Ion Ratio Lower Upper
45 100
43 162.6 130.9 196.3
87 29.4 21.1 31.7
59 12.1 9.4 14.2

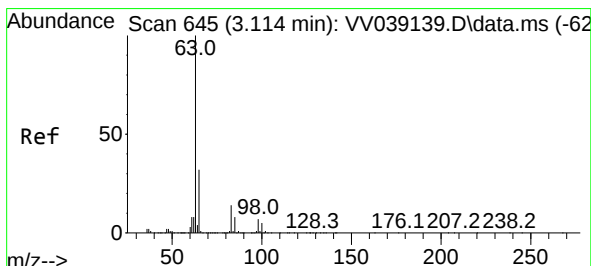
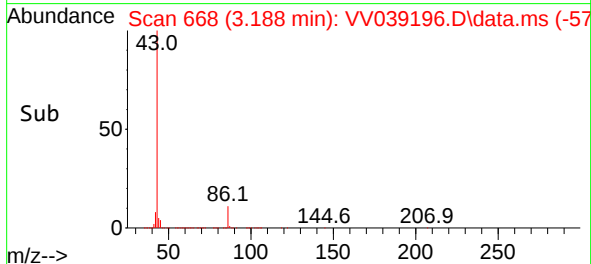
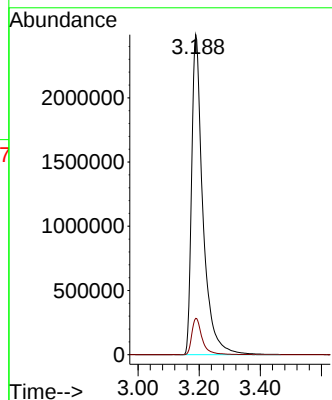
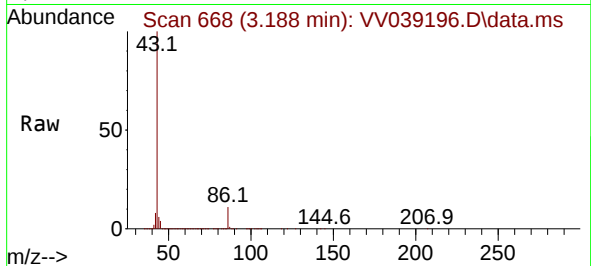




#23
 Vinyl Acetate
 Concen: 227.388 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV039196.D
 Acq: 25 Sep 2025 20:47

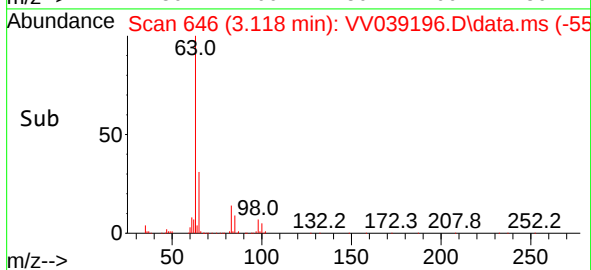
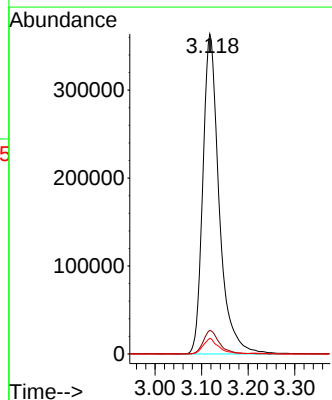
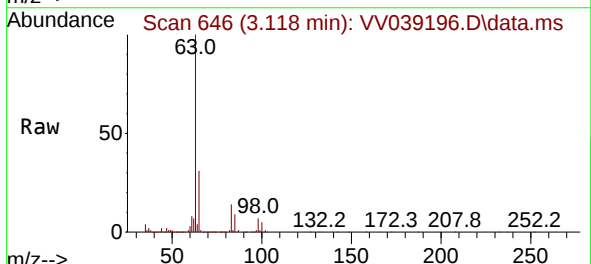
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

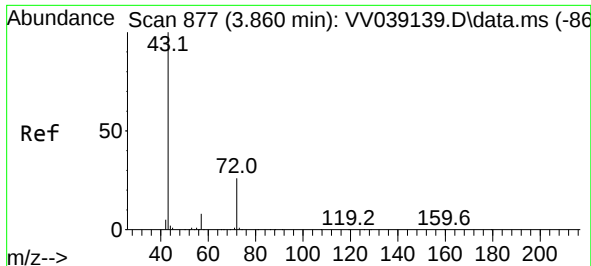
Tgt Ion: 43 Resp: 6386811
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 45.116 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039196.D
 Acq: 25 Sep 2025 20:47

Tgt Ion: 63 Resp: 885855
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.9 2.2 6.6

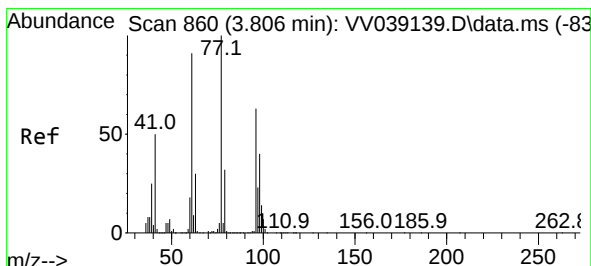
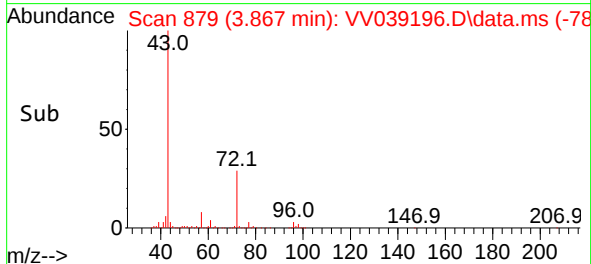
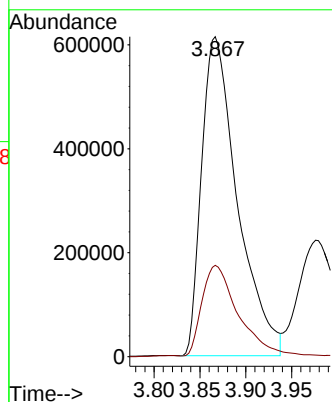
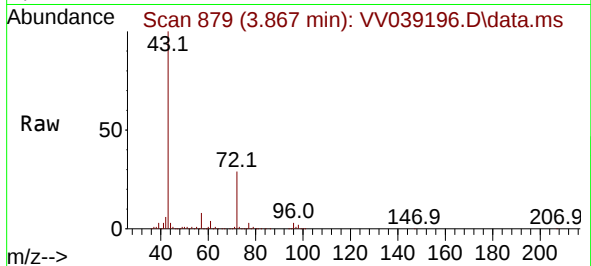




#25
2-Butanone
Concen: 231.168 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

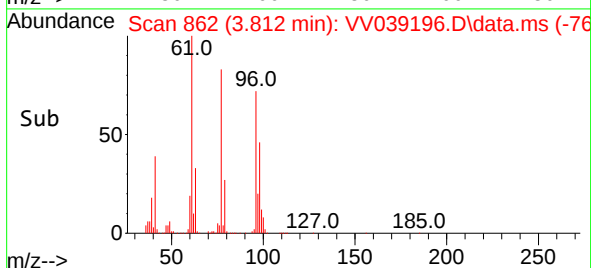
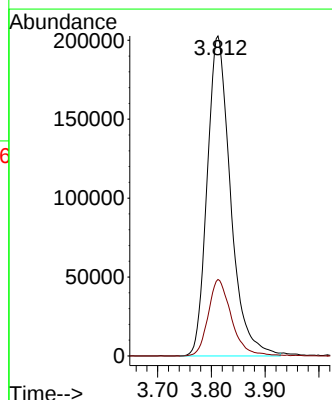
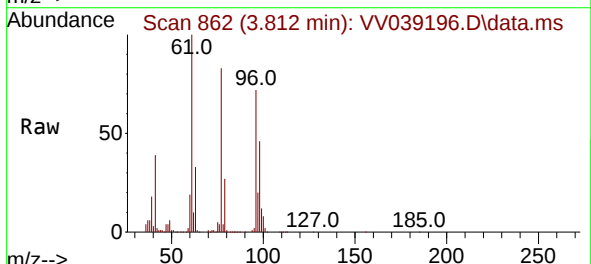
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

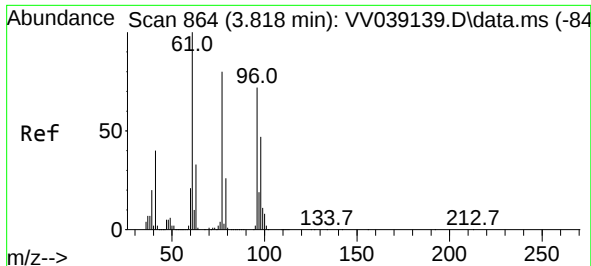
Tgt Ion: 43 Resp: 1669374
Ion Ratio Lower Upper
43 100
72 28.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 35.113 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 77 Resp: 611309
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7

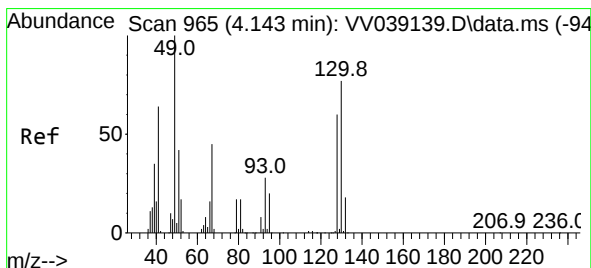
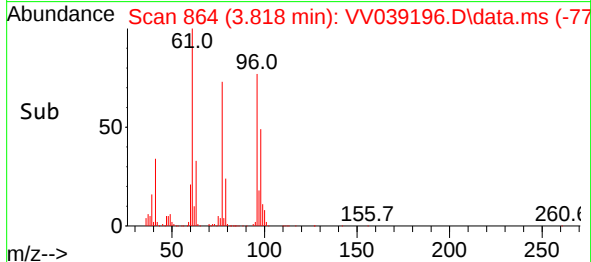
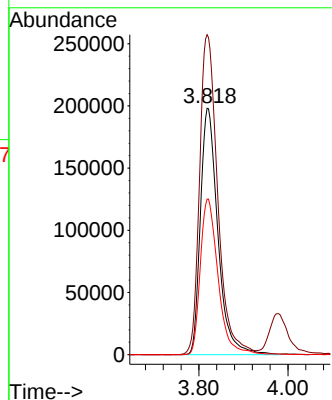
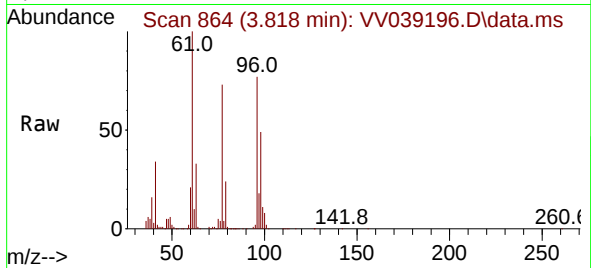




#27
 cis-1,2-Dichloroethene
 Concen: 48.864 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039196.D
 Acq: 25 Sep 2025 20:47

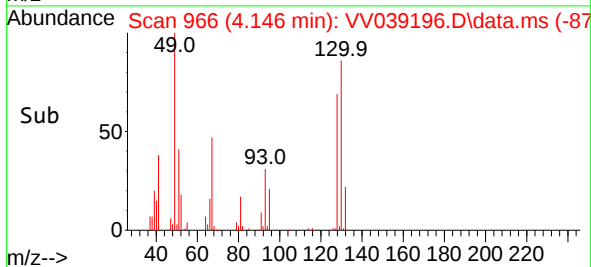
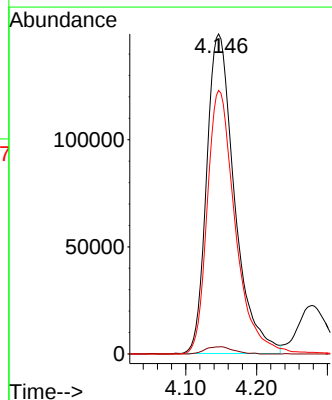
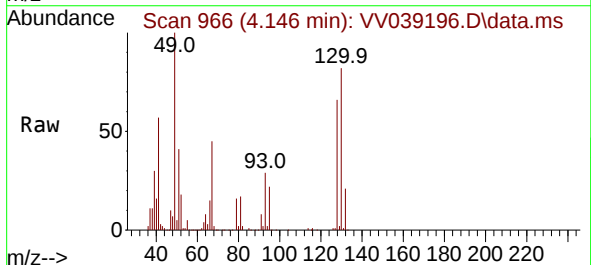
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

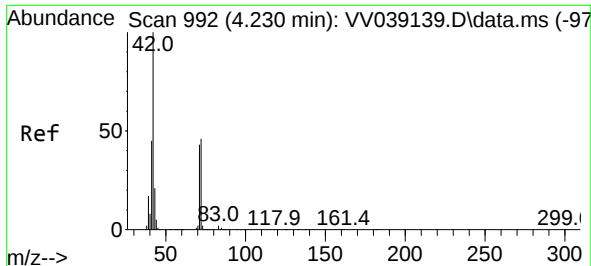
Tgt Ion: 96 Resp: 538999
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 286.4
 98 64.3 0.0 126.6



#28
 Bromochloromethane
 Concen: 47.024 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039196.D
 Acq: 25 Sep 2025 20:47

Tgt Ion: 49 Resp: 407613
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 248.606 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

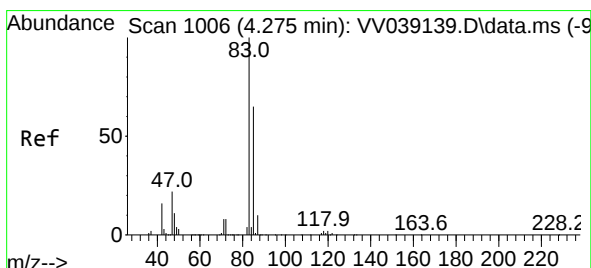
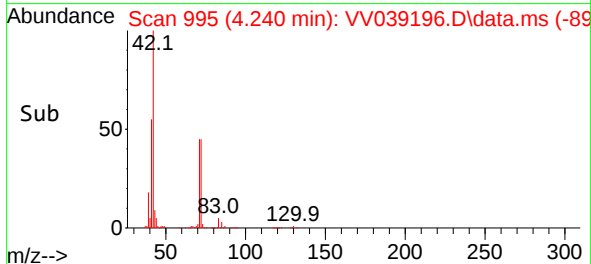
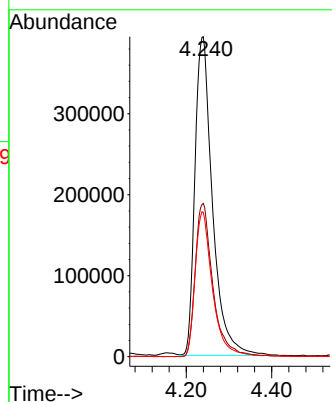
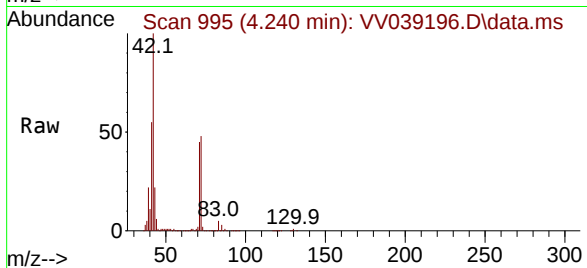
Tgt Ion: 42 Resp: 1123724

Ion Ratio Lower Upper

42 100

72 48.3 36.3 54.5

71 44.9 34.3 51.5



#30

Chloroform

Concen: 43.982 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039196.D

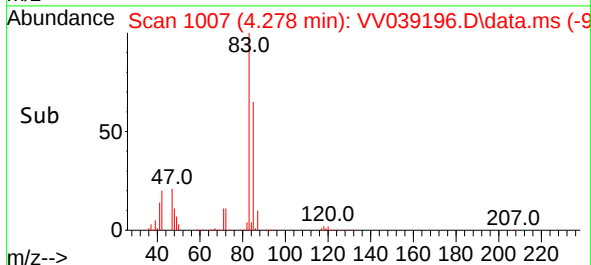
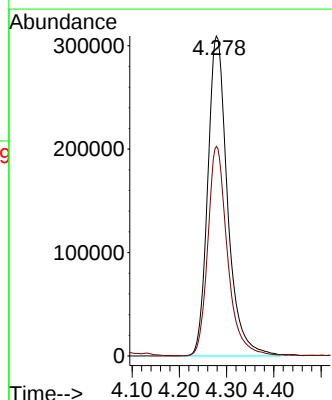
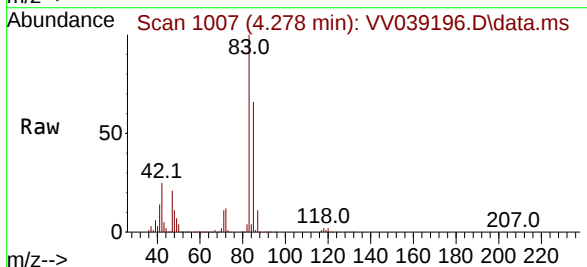
Acq: 25 Sep 2025 20:47

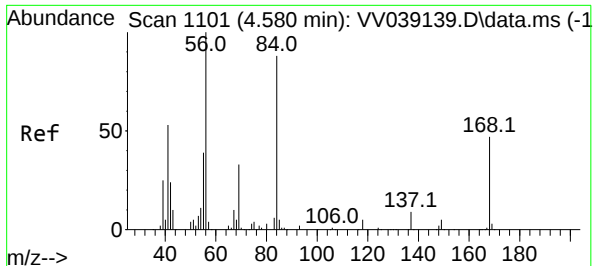
Tgt Ion: 83 Resp: 901772

Ion Ratio Lower Upper

83 100

85 65.4 52.1 78.1

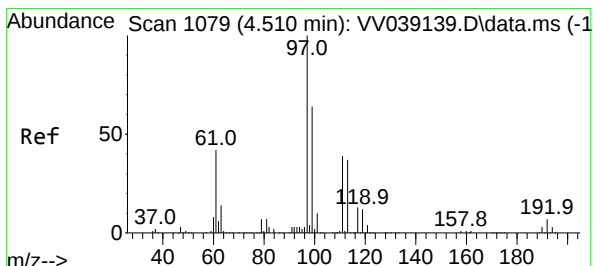
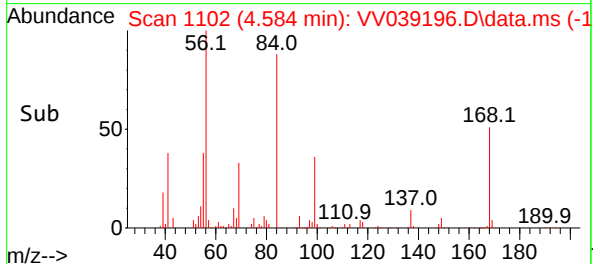
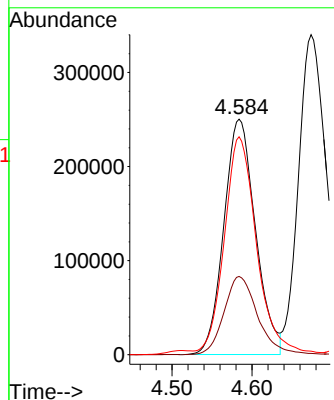
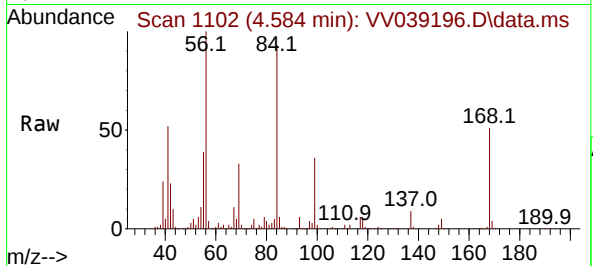




#31
Cyclohexane
Concen: 42.789 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

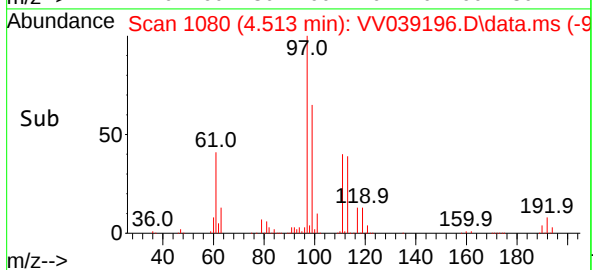
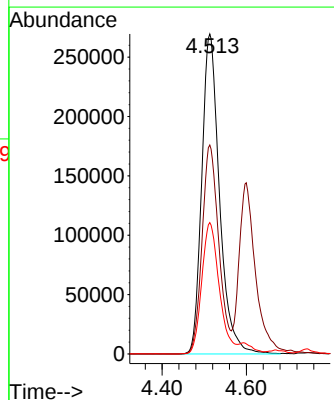
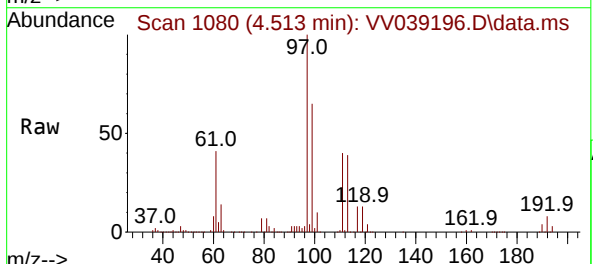
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

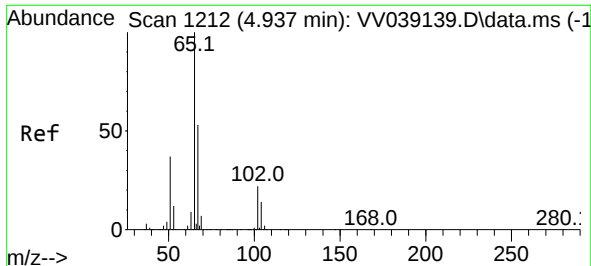
Tgt Ion: 56 Resp: 688247
Ion Ratio Lower Upper
56 100
69 33.2 26.2 39.2
84 90.8 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 44.422 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 97 Resp: 788516
Ion Ratio Lower Upper
97 100
99 61.5 49.6 74.4
61 40.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.032 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

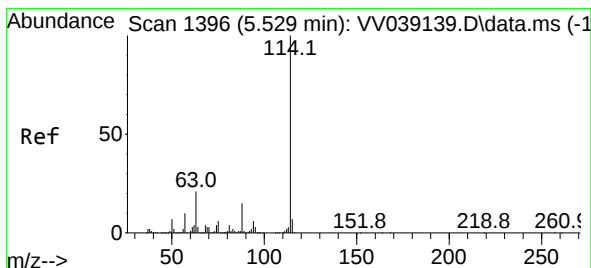
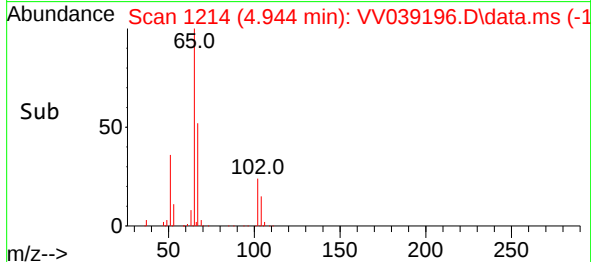
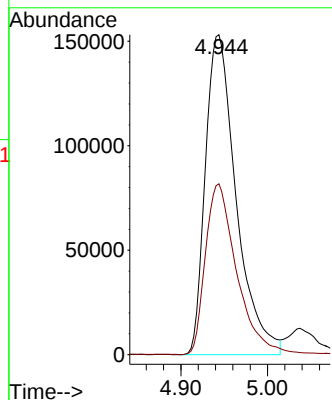
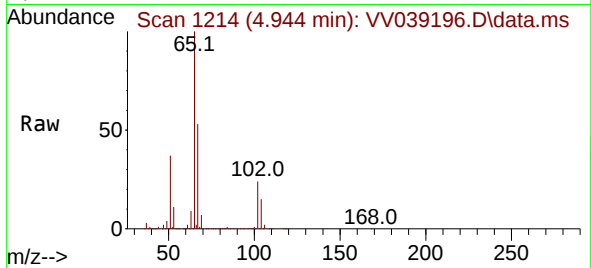
VSTDCCC050EC

Tgt Ion: 65 Resp: 379050

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

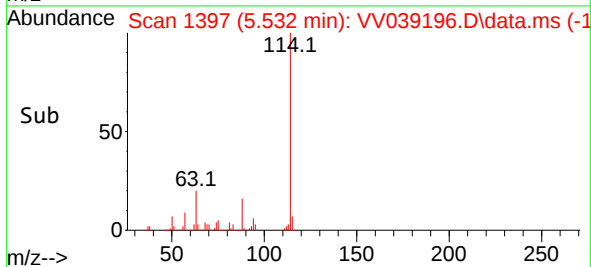
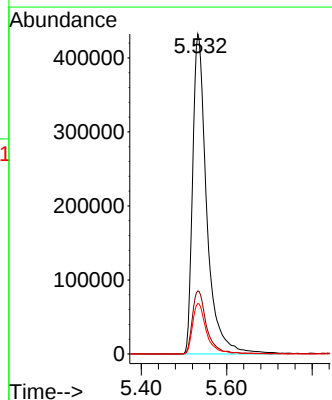
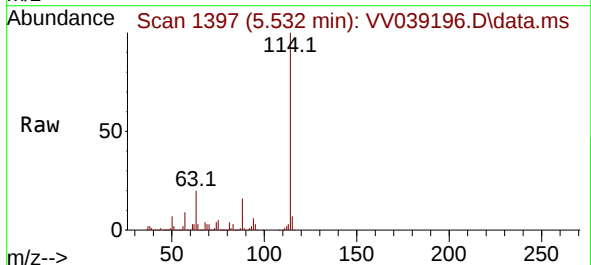
Tgt Ion: 114 Resp: 991701

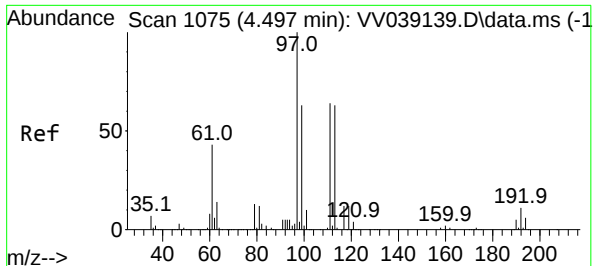
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.8 0.0 30.8

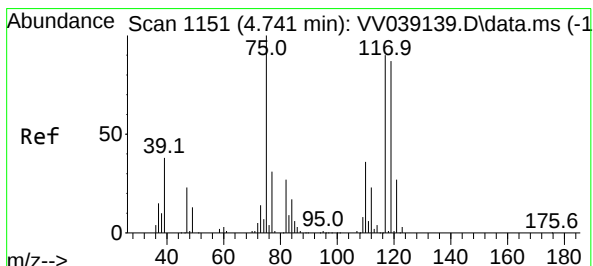
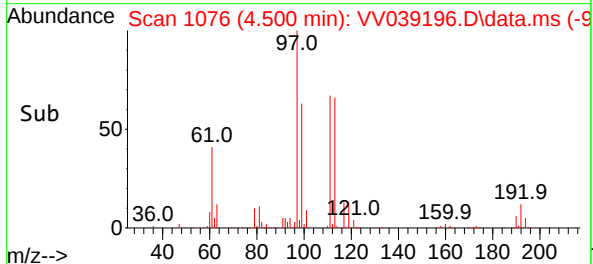
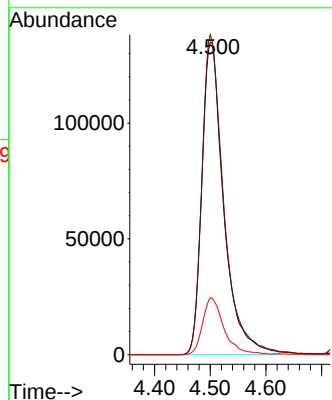
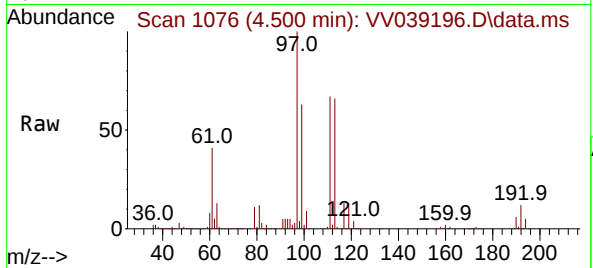




#35
Dibromofluoromethane
Concen: 46.207 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

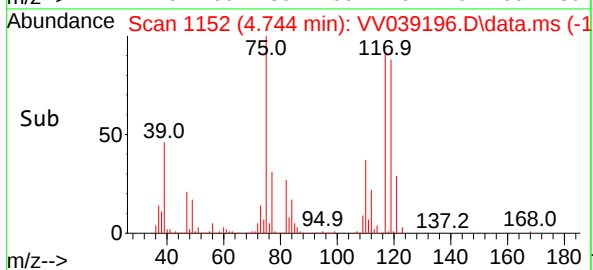
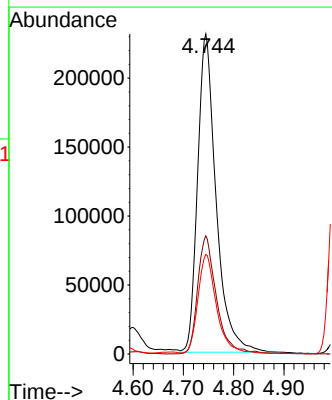
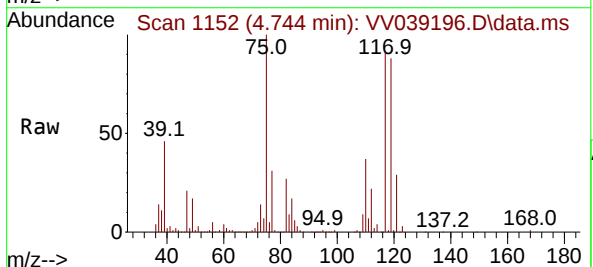
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

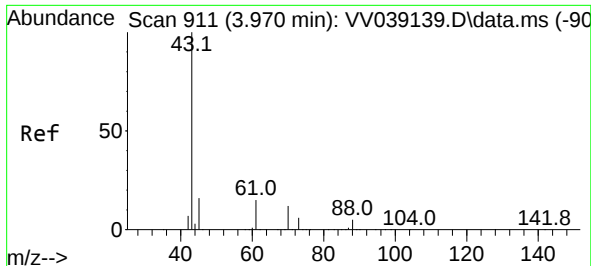
Tgt Ion:113 Resp: 368384
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.8 13.8 20.8



#36
1,1-Dichloropropene
Concen: 48.952 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 75 Resp: 590045
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.1
77 31.0 24.8 37.2

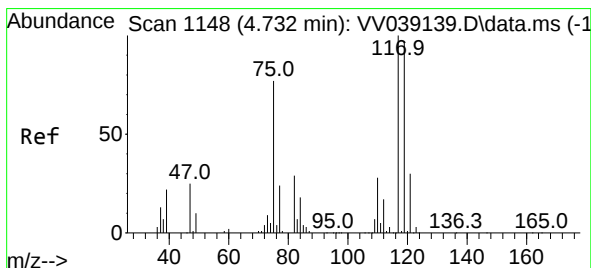
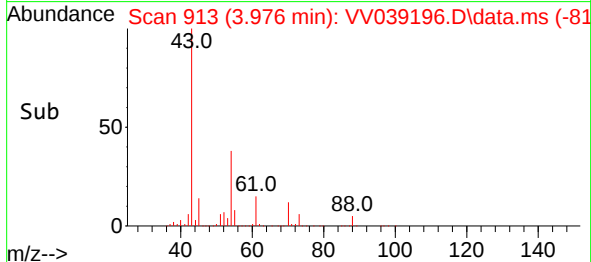
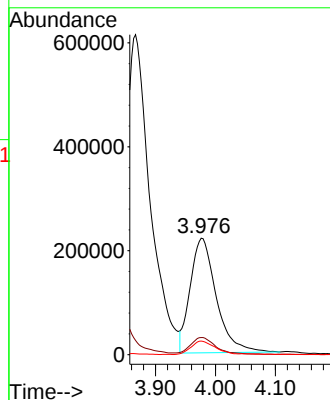
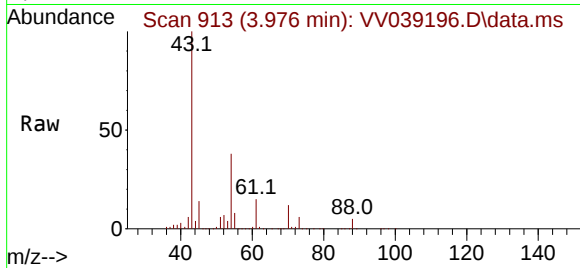




#37
Ethyl Acetate
Concen: 45.575 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

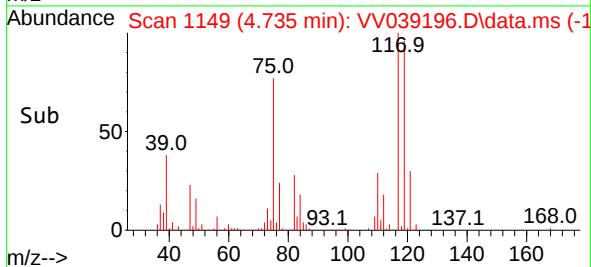
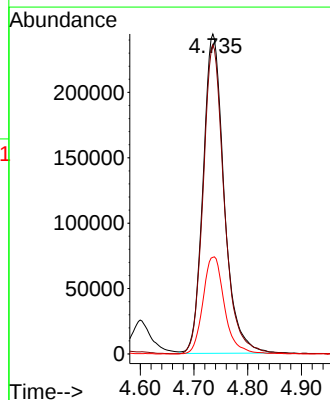
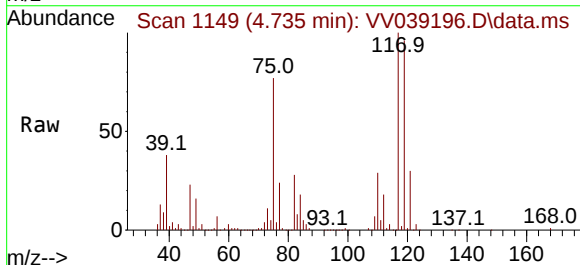
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

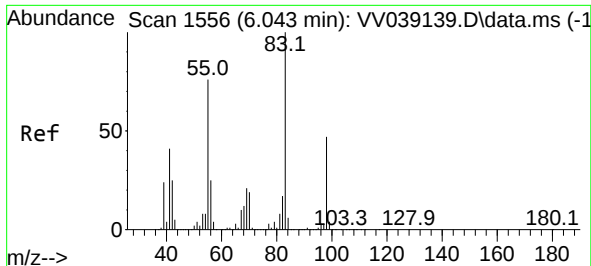
Tgt Ion: 43 Resp: 666592
Ion Ratio Lower Upper
43 100
61 14.2 10.3 15.5
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 45.063 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 117 Resp: 663833
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
121 30.2 24.2 36.2

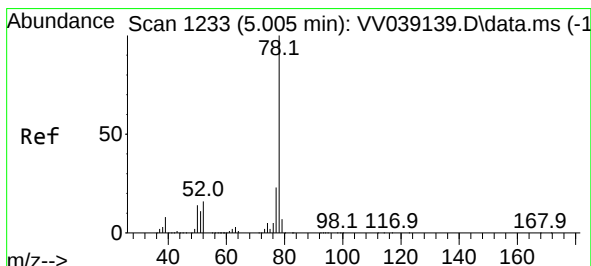
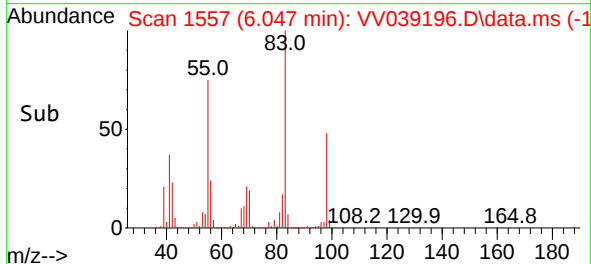
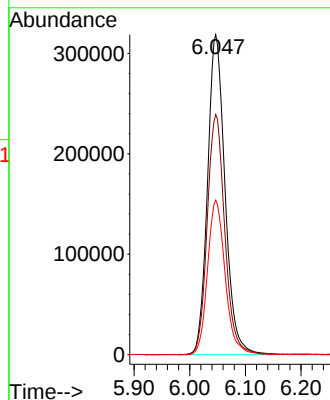
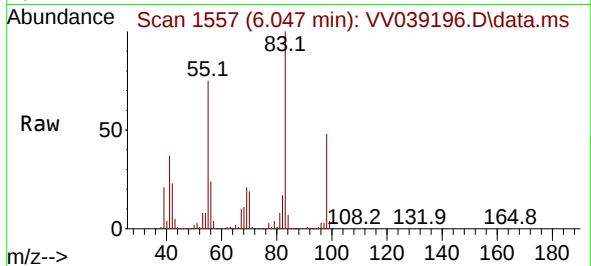




#39
Methylcyclohexane
Concen: 47.844 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

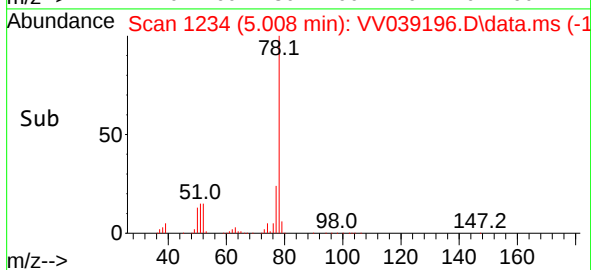
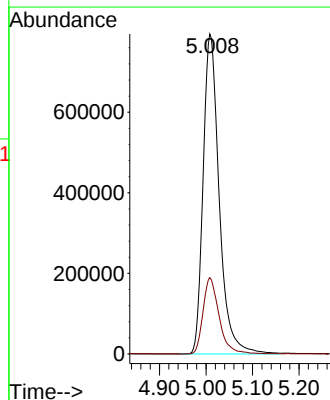
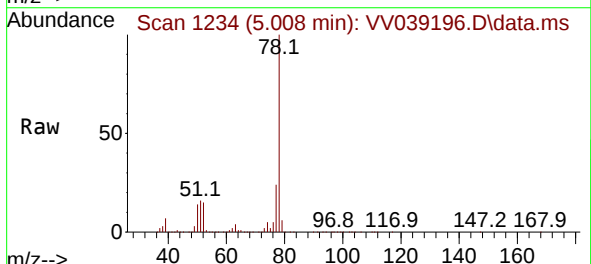
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

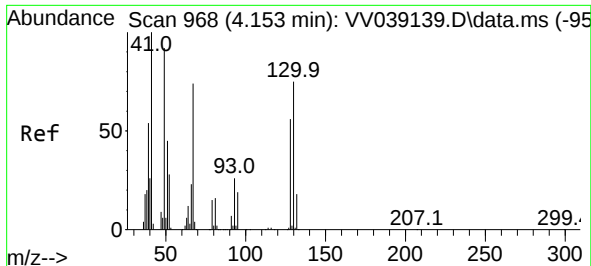
Tgt Ion: 83 Resp: 696431
Ion Ratio Lower Upper
83 100
55 75.0 60.5 90.7
98 48.3 37.8 56.6



#40
Benzene
Concen: 48.564 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 78 Resp: 1906186
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



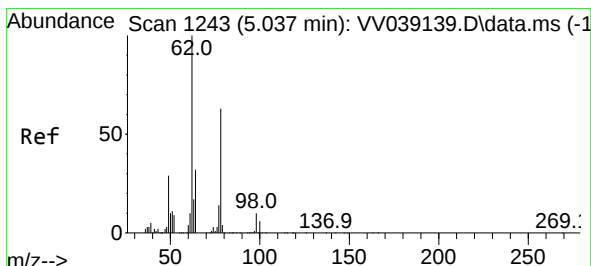
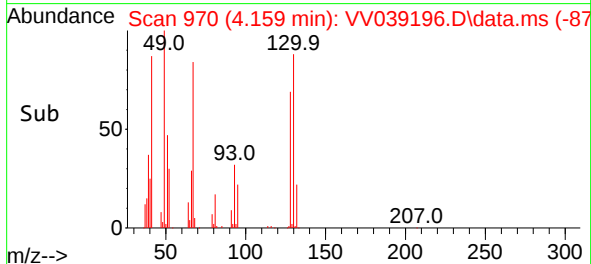
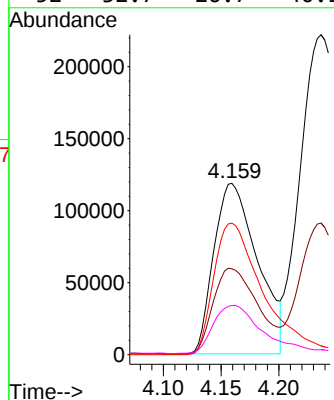
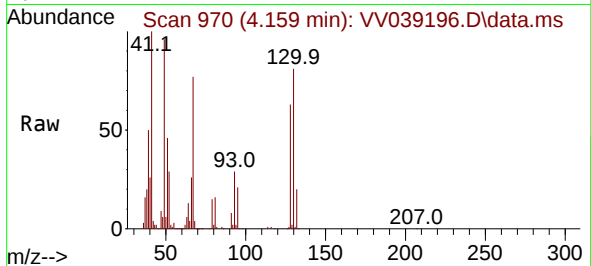


#41
Methacrylonitrile
Concen: 47.265 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 311846

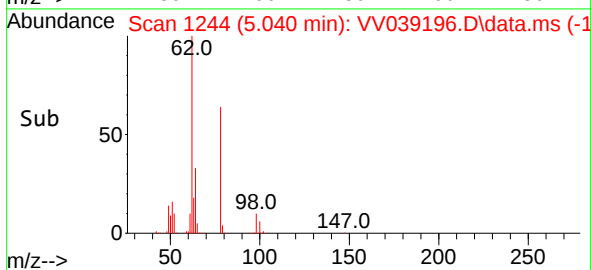
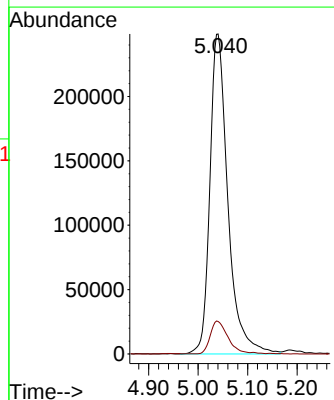
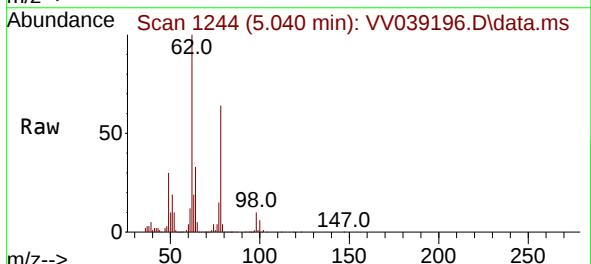
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.2	63.2
67	89.4	67.9	101.9
52	32.7	26.7	40.1

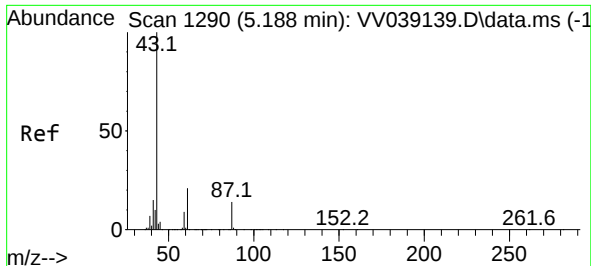


#42
1,2-Dichloroethane
Concen: 45.618 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 62 Resp: 627388

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2

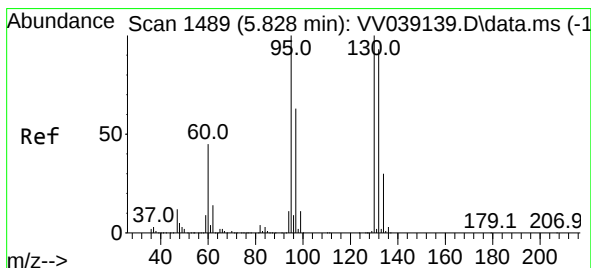
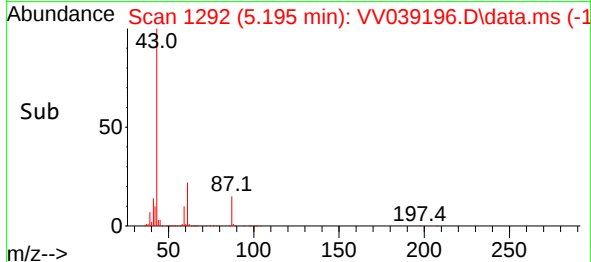
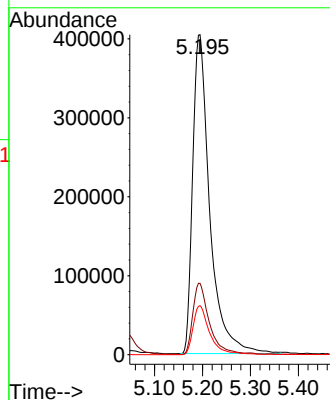
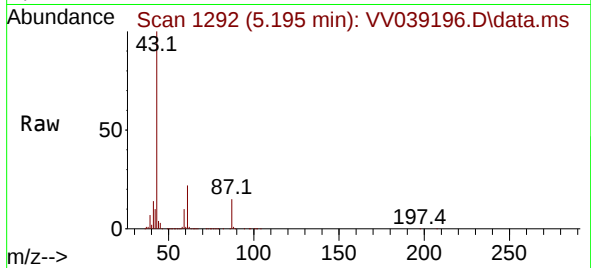




#43
Isopropyl Acetate
Concen: 50.178 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

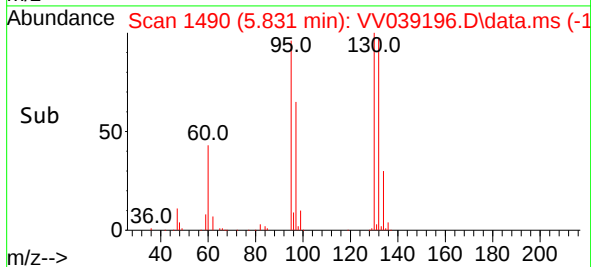
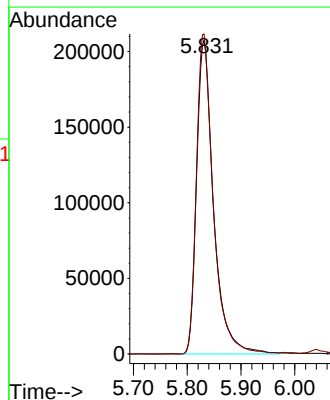
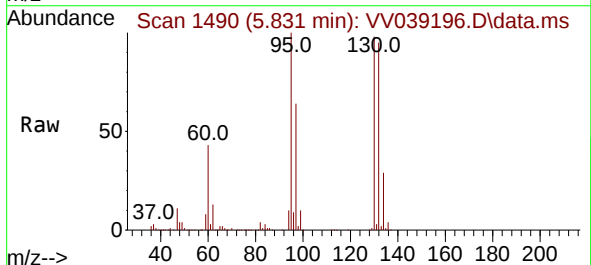
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

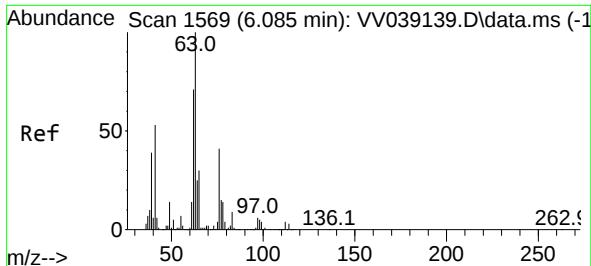
Tgt Ion: 43 Resp: 1000677
Ion Ratio Lower Upper
43 100
61 21.3 15.9 23.9
87 14.9 11.0 16.6



#44
Trichloroethene
Concen: 50.317 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:130 Resp: 455735
Ion Ratio Lower Upper
130 100
95 102.0 0.0 199.2





#45

1,2-Dichloropropane

Concen: 49.039 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

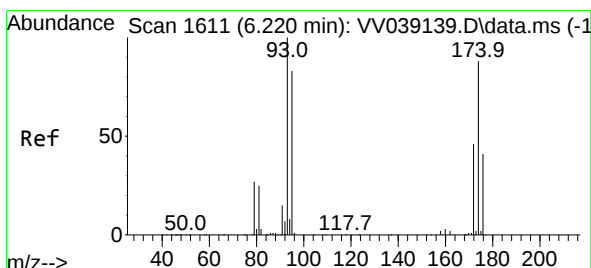
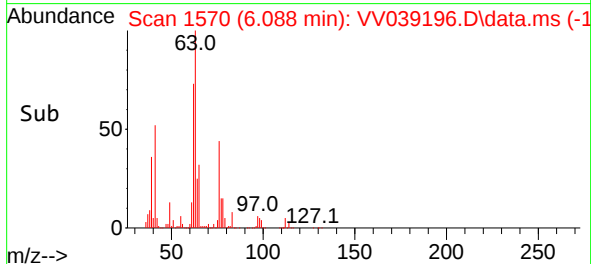
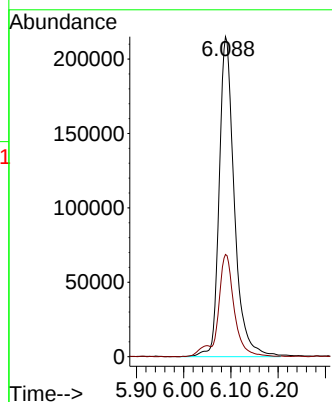
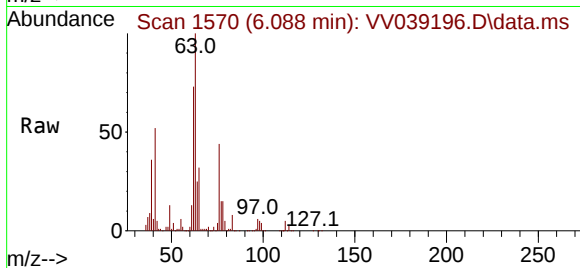
VSTDCCC050EC

Tgt Ion: 63 Resp: 478425

Ion Ratio Lower Upper

63 100

65 31.9 23.7 35.5



#46

Dibromomethane

Concen: 47.867 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

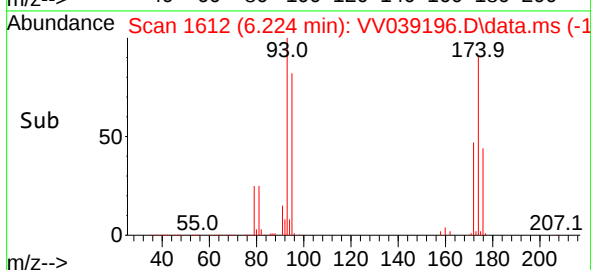
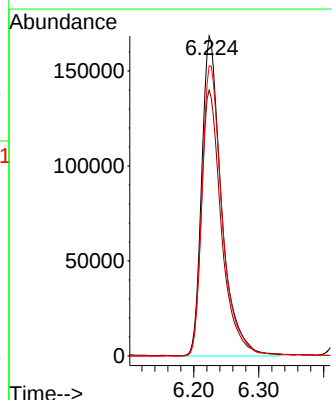
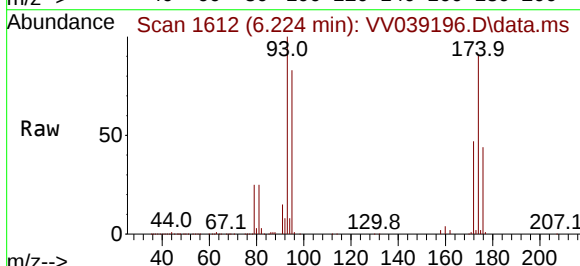
Tgt Ion: 93 Resp: 357426

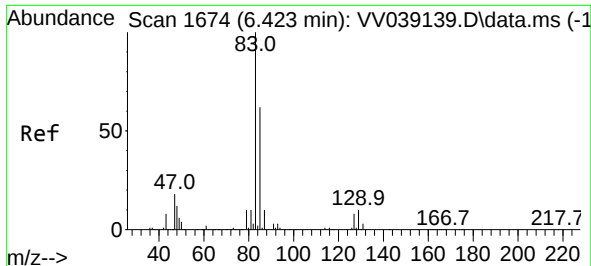
Ion Ratio Lower Upper

93 100

95 84.0 65.5 98.3

174 92.1 69.0 103.4





#47

Bromodichloromethane

Concen: 46.371 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

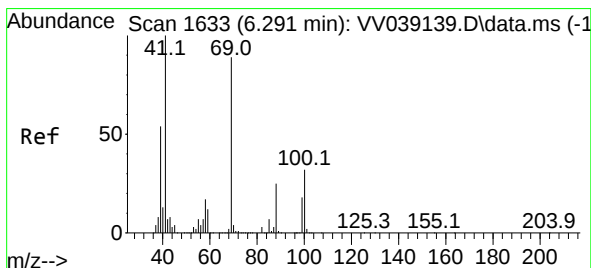
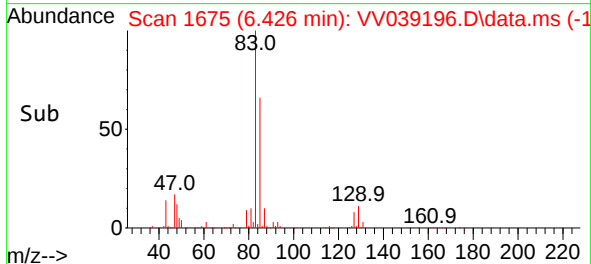
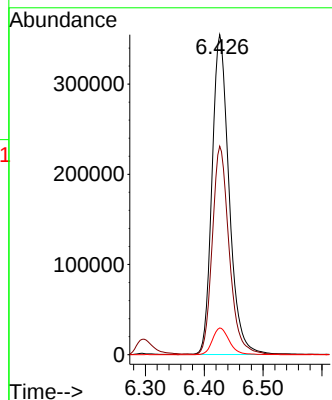
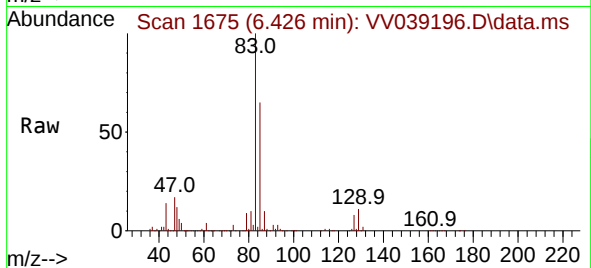
Tgt Ion: 83 Resp: 715836

Ion Ratio Lower Upper

83 100

85 64.9 49.7 74.5

127 8.3 6.6 9.8



#48

Methyl methacrylate

Concen: 52.700 ug/l

RT: 6.294 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

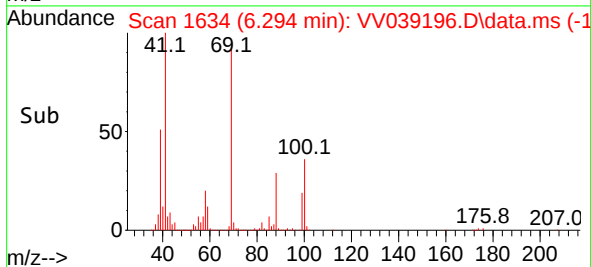
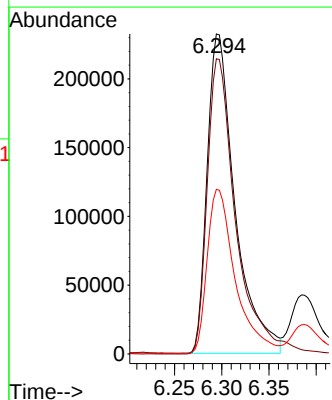
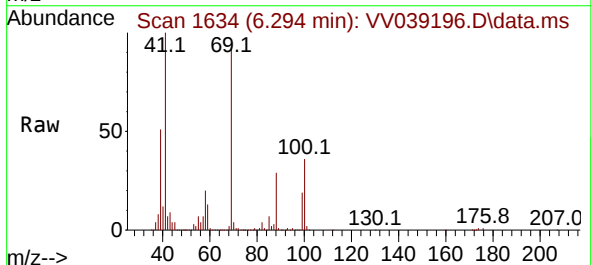
Tgt Ion: 41 Resp: 476404

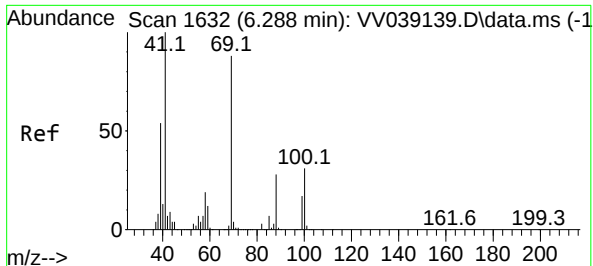
Ion Ratio Lower Upper

41 100

69 95.3 72.4 108.6

39 51.8 42.5 63.7





#49

1,4-Dioxane

Concen: 1073.387 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

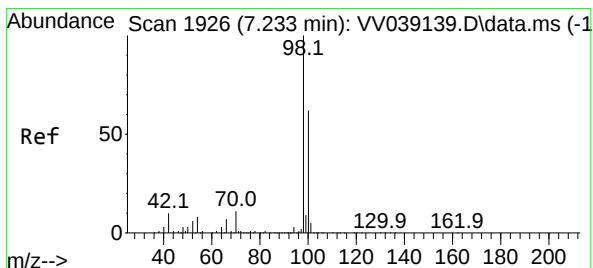
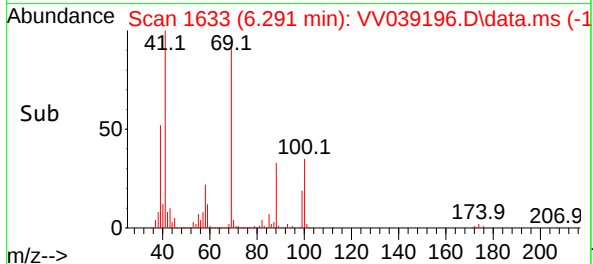
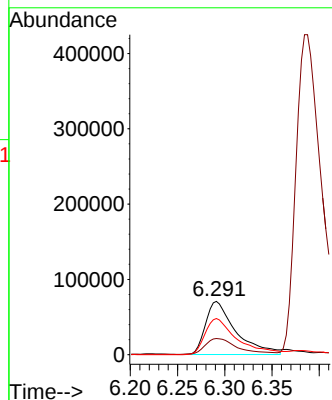
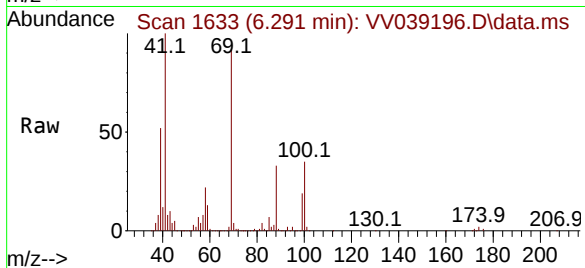
Tgt Ion: 88 Resp: 156591

Ion Ratio Lower Upper

88 100

43 31.8 25.1 37.7

58 72.9 53.6 80.4



#50

Toluene-d8

Concen: 45.542 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039196.D

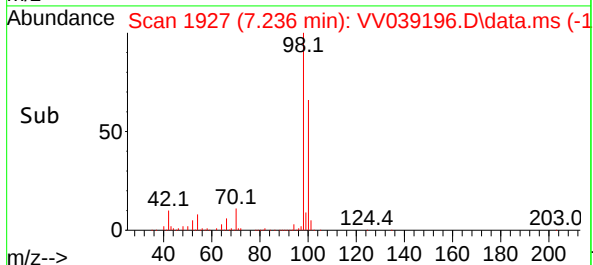
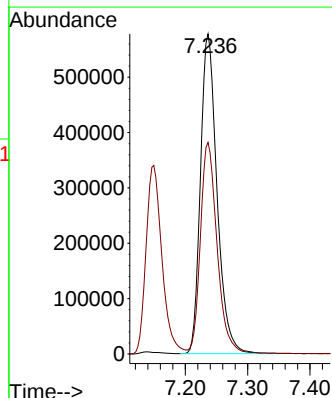
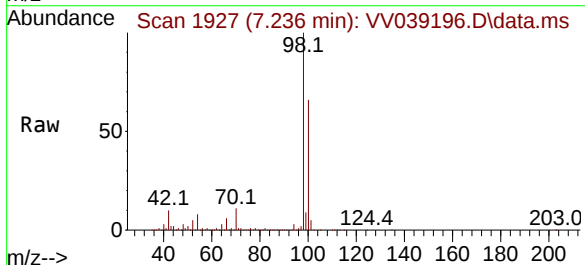
Acq: 25 Sep 2025 20:47

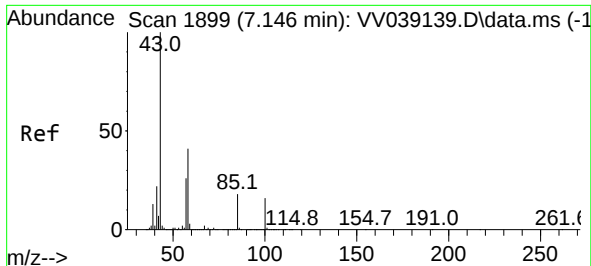
Tgt Ion: 98 Resp: 1066367

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2

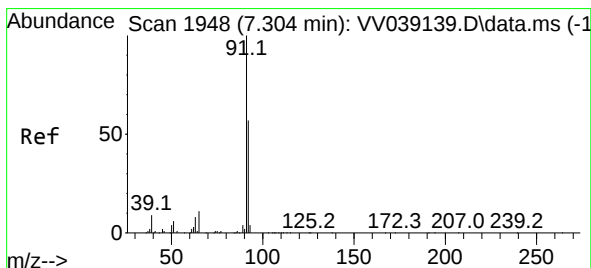
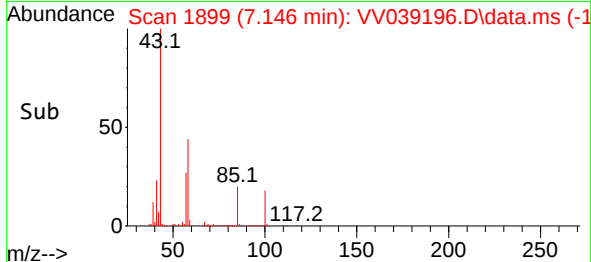
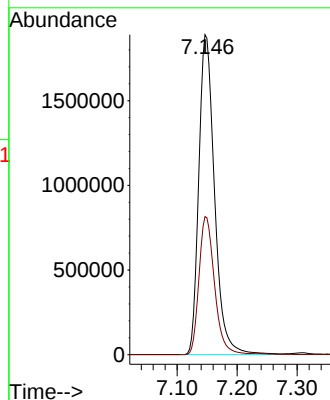
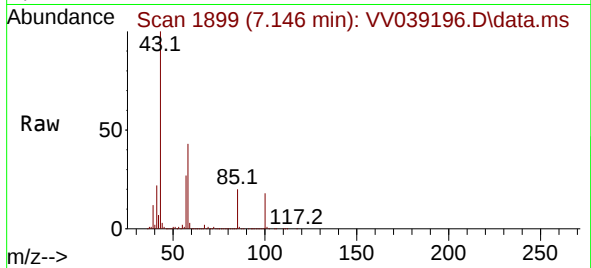




#51
4-Methyl-2-Pentanone
Concen: 263.407 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

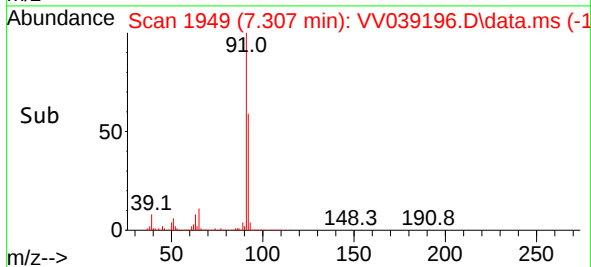
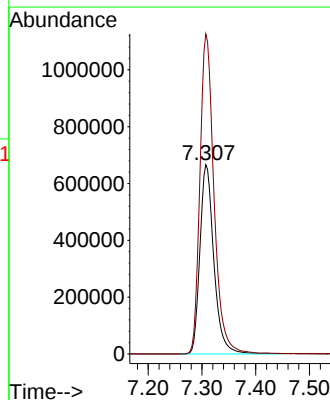
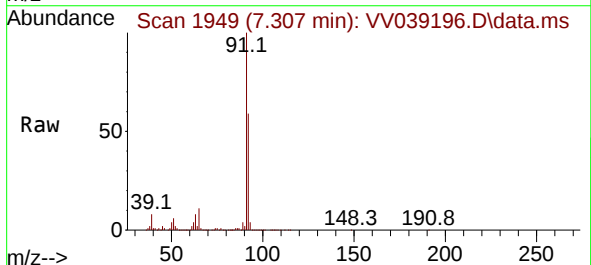
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

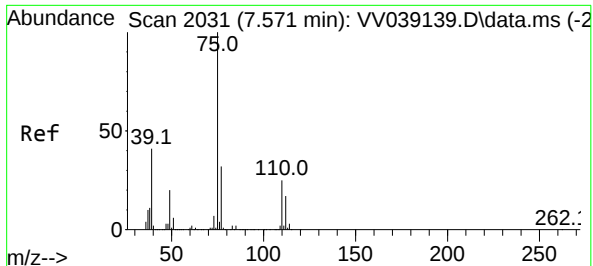
Tgt Ion: 43 Resp: 3455820
Ion Ratio Lower Upper
43 100
58 42.6 32.3 48.5



#52
Toluene
Concen: 52.750 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 92 Resp: 1200478
Ion Ratio Lower Upper
92 100
91 170.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 51.243 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

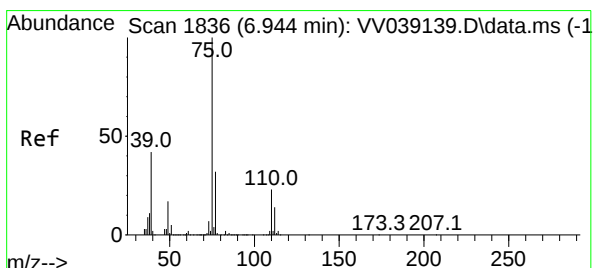
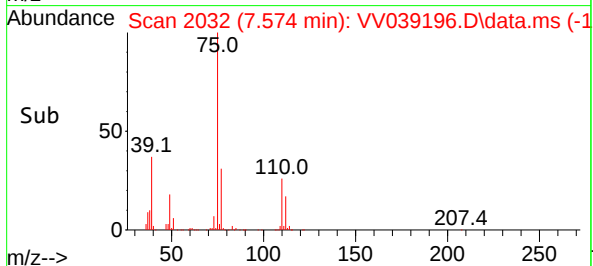
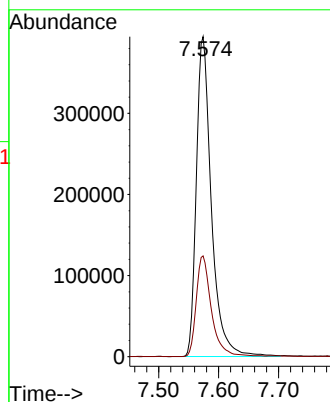
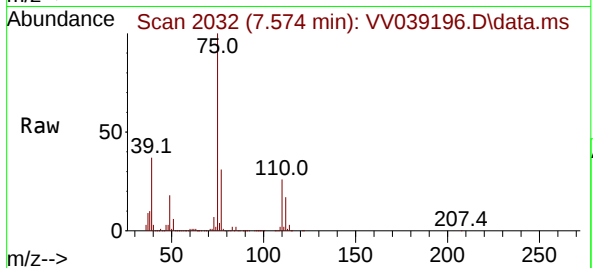
VSTDCCC050EC

Tgt Ion: 75 Resp: 689380

Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 50.966 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

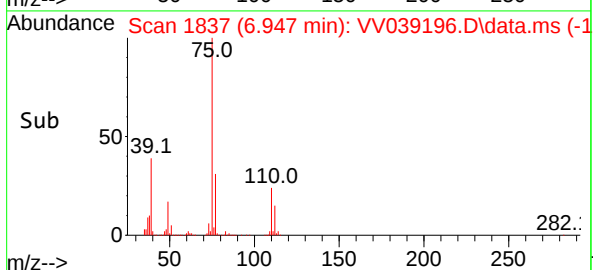
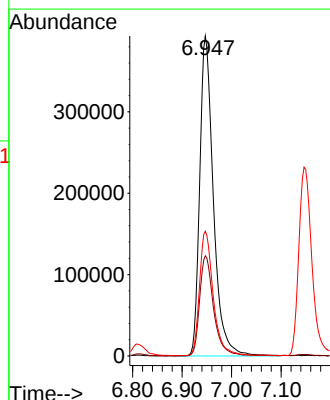
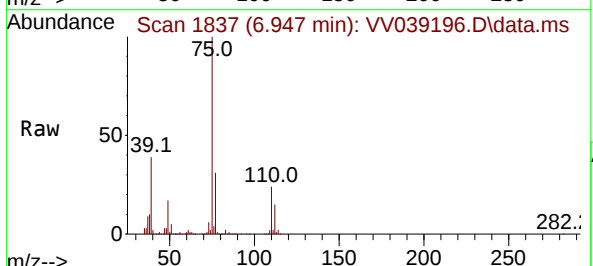
Tgt Ion: 75 Resp: 756919

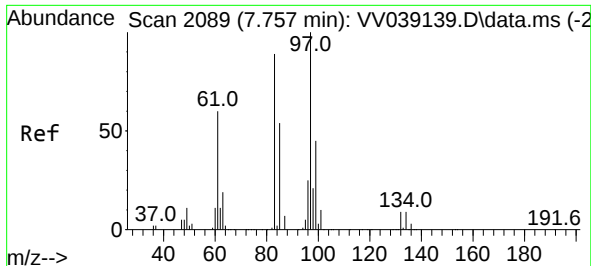
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 38.9 33.8 50.6



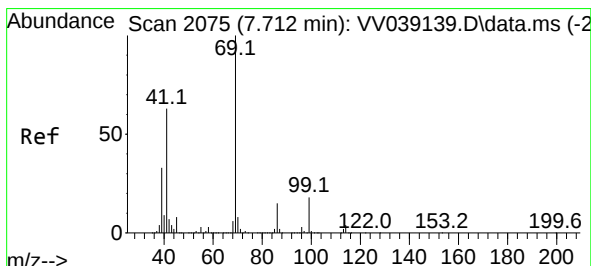
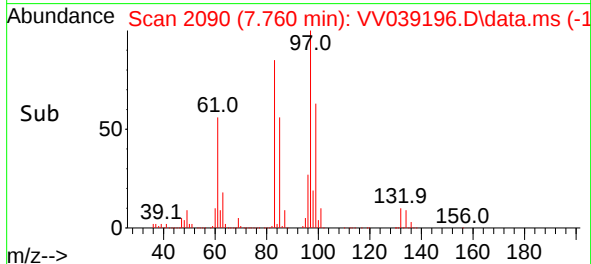
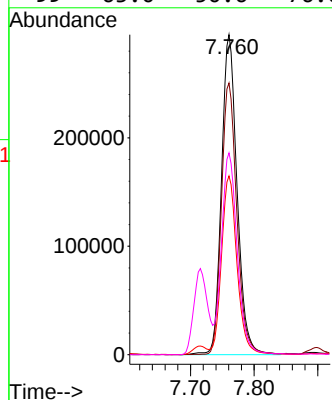
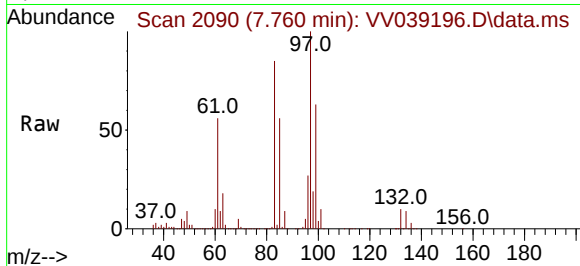


#55
1,1,2-Trichloroethane
Concen: 49.285 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 502913

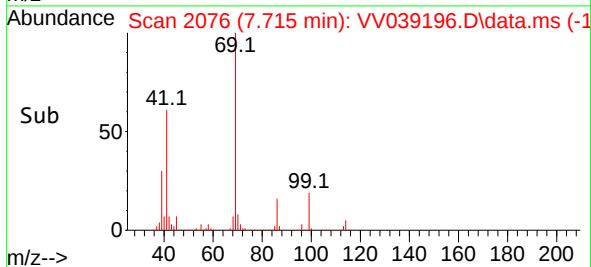
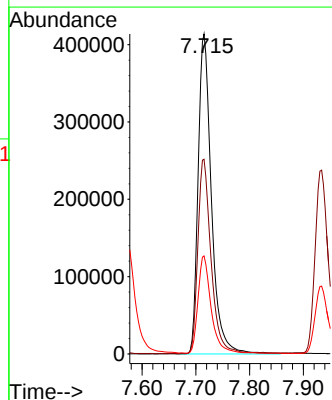
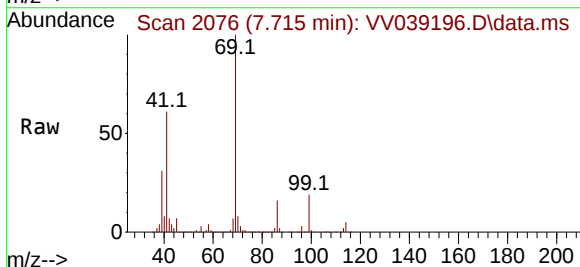
Ion	Ratio	Lower	Upper
97	100		
83	84.9	71.1	106.7
85	55.8	44.6	67.0
99	63.0	50.6	76.0

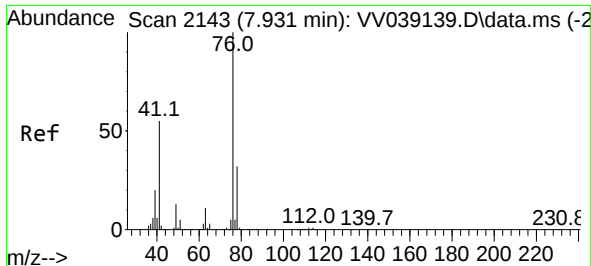


#56
Ethyl methacrylate
Concen: 58.703 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 69 Resp: 711368

Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.7	76.1
39	29.9	26.0	39.0





#57

1,3-Dichloropropane

Concen: 50.128 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

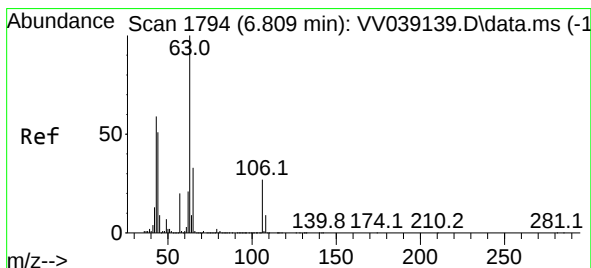
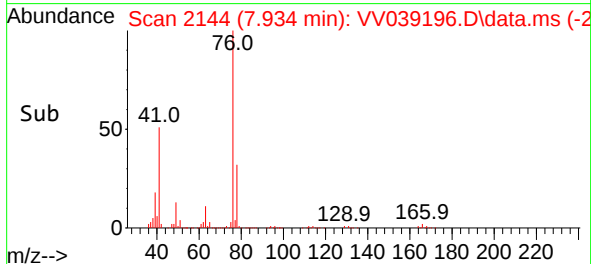
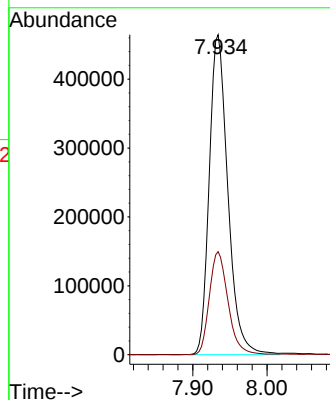
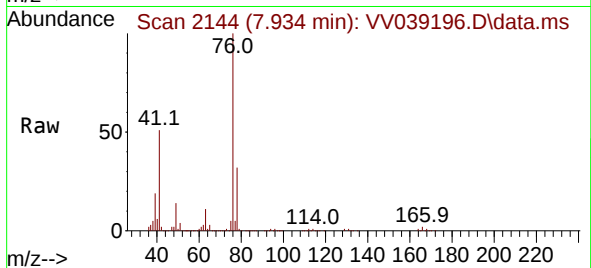
VSTDCCC050EC

Tgt Ion: 76 Resp: 807258

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 236.844 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039196.D

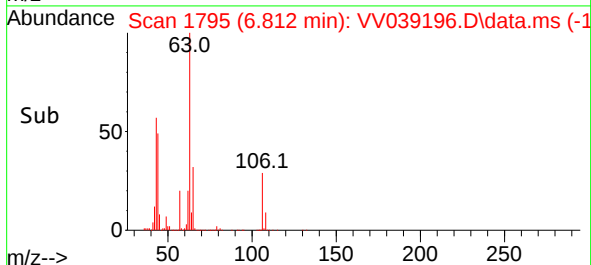
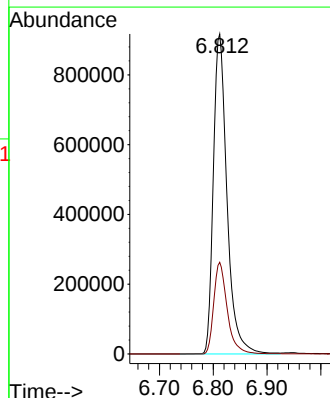
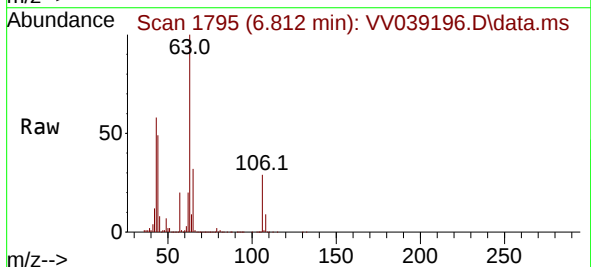
Acq: 25 Sep 2025 20:47

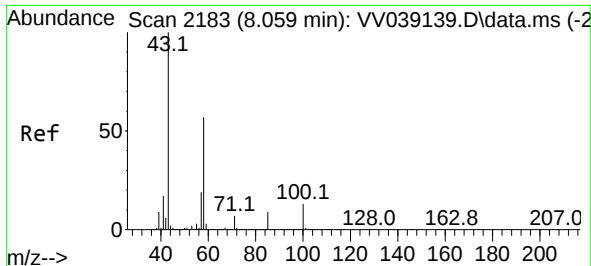
Tgt Ion: 63 Resp: 1617004

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1

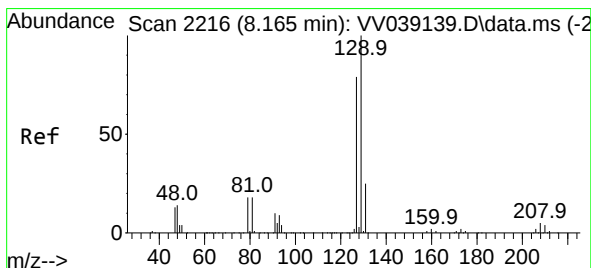
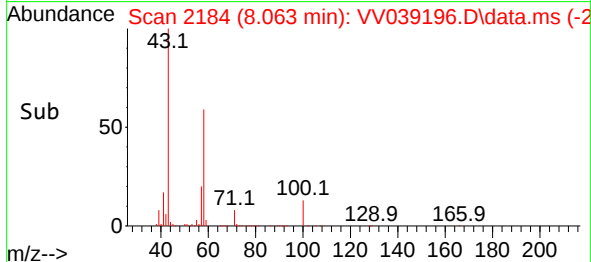
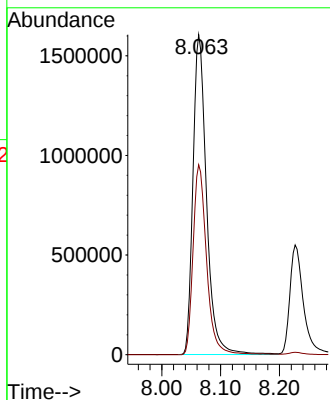
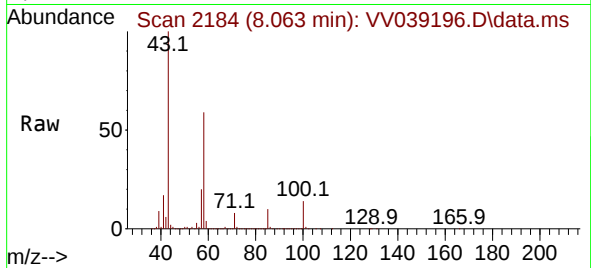




#59
2-Hexanone
Concen: 242.356 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

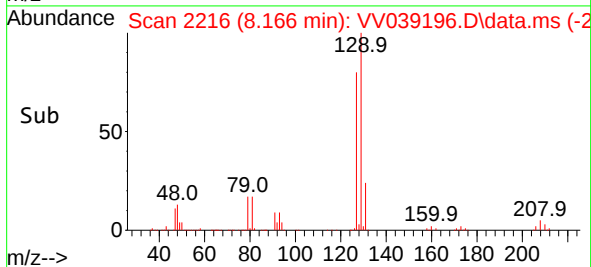
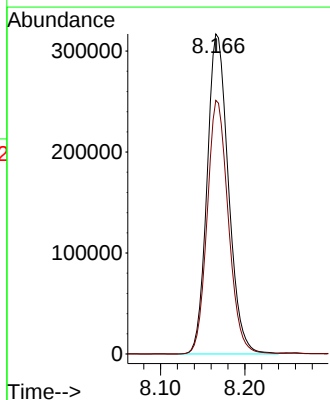
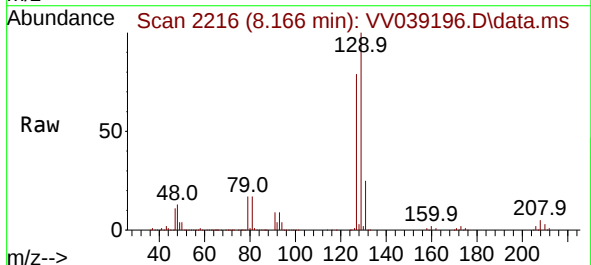
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

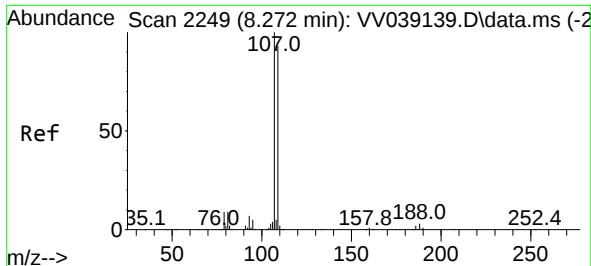
Tgt Ion: 43 Resp: 2565821
Ion Ratio Lower Upper
43 100
58 59.0 28.3 85.0



#60
Dibromochloromethane
Concen: 48.055 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 129 Resp: 558752
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

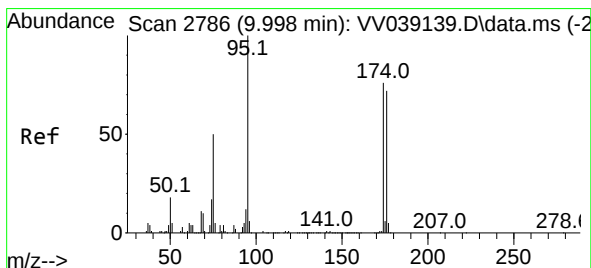
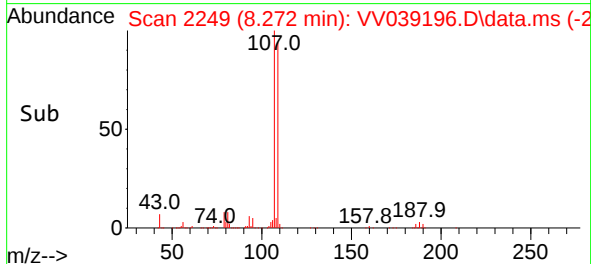
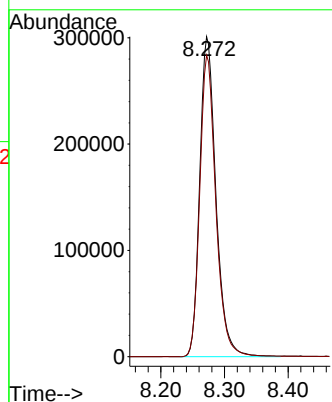
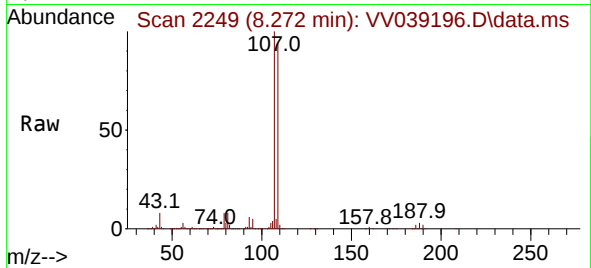




#61
 1,2-Dibromoethane
 Concen: 51.039 ug/l
 RT: 8.272 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039196.D
 Acq: 25 Sep 2025 20:47

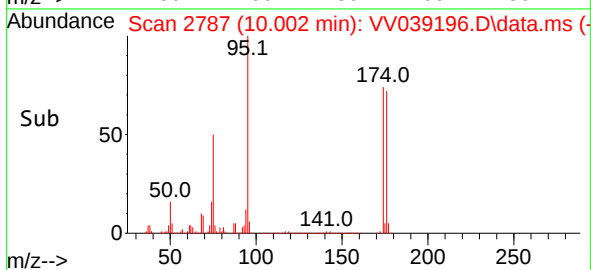
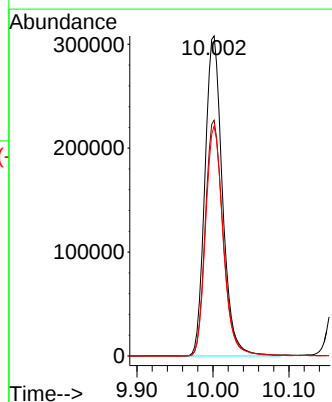
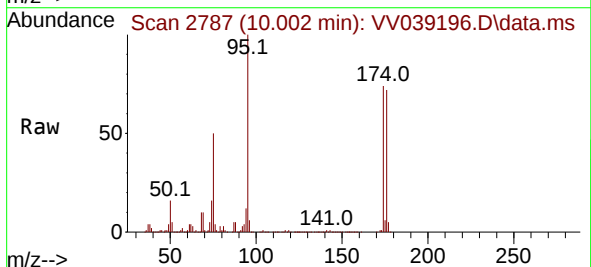
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

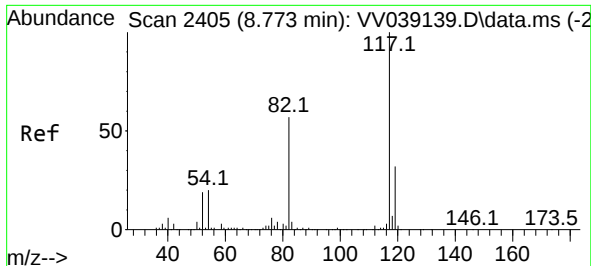
Tgt Ion:107 Resp: 532627
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.115 ug/l
 RT: 10.002 min Scan# 2787
 Delta R.T. 0.003 min
 Lab File: VV039196.D
 Acq: 25 Sep 2025 20:47

Tgt Ion: 95 Resp: 492716
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.4
 176 72.0 0.0 144.2

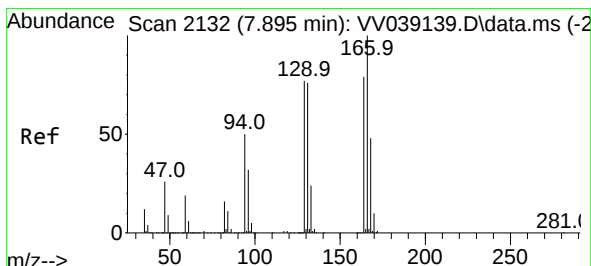
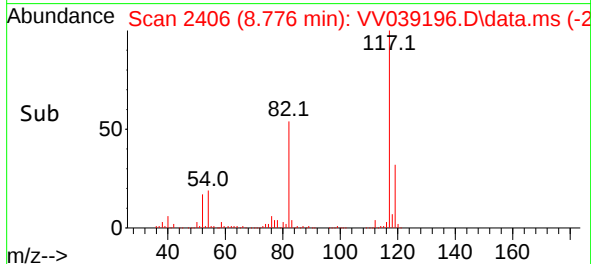
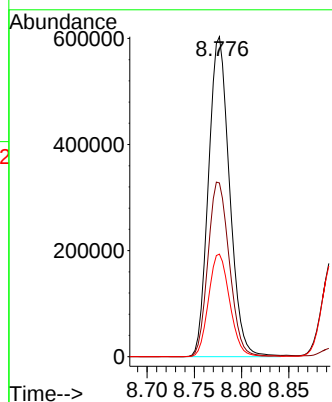
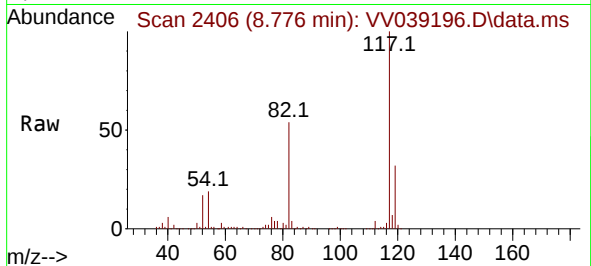




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

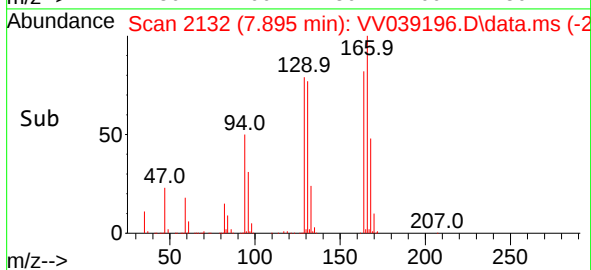
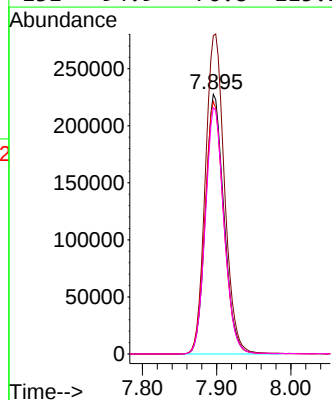
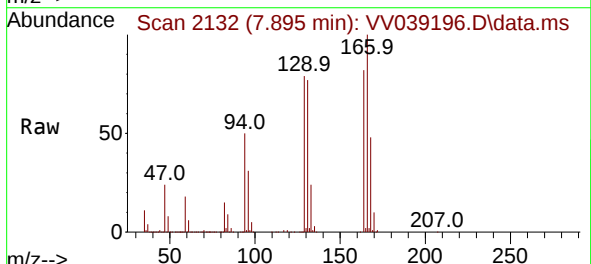
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

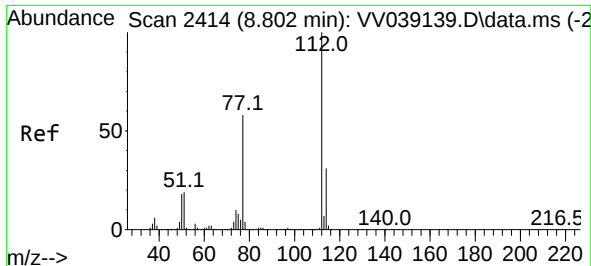
Tgt Ion:117 Resp: 932595
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 50.389 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:164 Resp: 393601
Ion Ratio Lower Upper
164 100
166 122.6 101.6 152.4
129 97.2 78.5 117.7
131 94.9 76.8 115.2

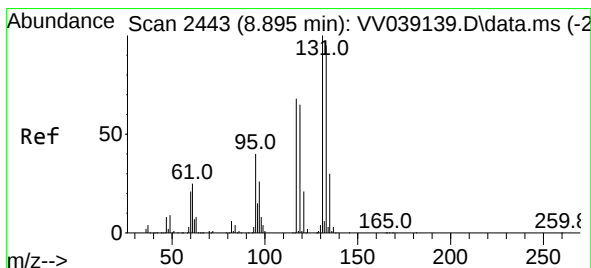
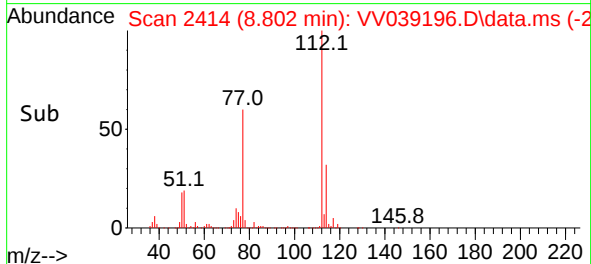
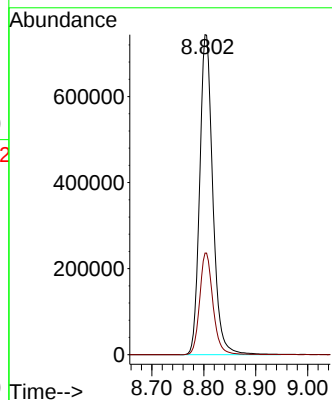
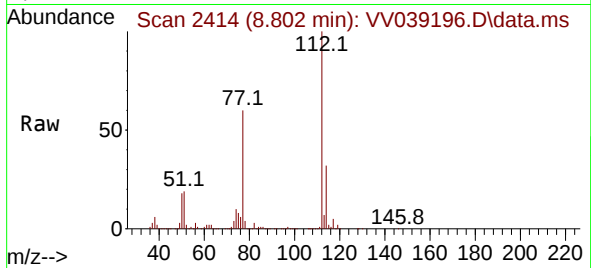




#65
Chlorobenzene
Concen: 50.257 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

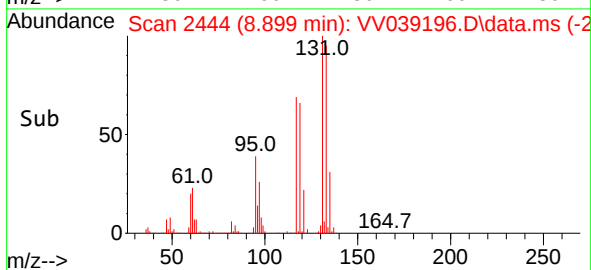
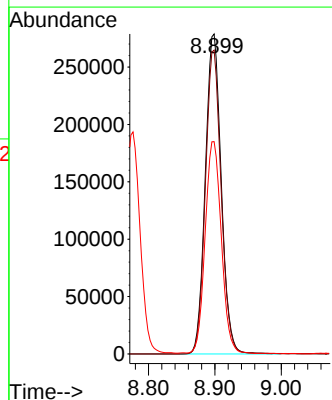
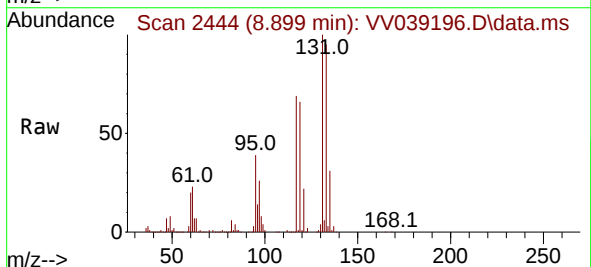
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

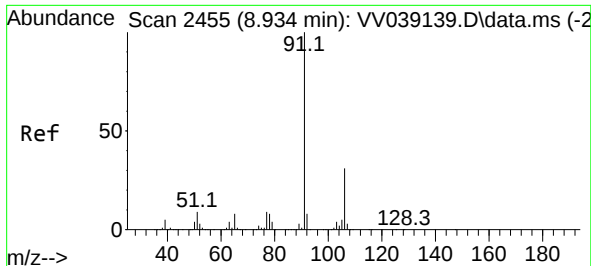
Tgt Ion:112 Resp: 1305508
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.659 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:131 Resp: 466107
Ion Ratio Lower Upper
131 100
133 93.8 47.3 141.8
119 67.3 33.3 99.8





#67

Ethyl Benzene

Concen: 55.401 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

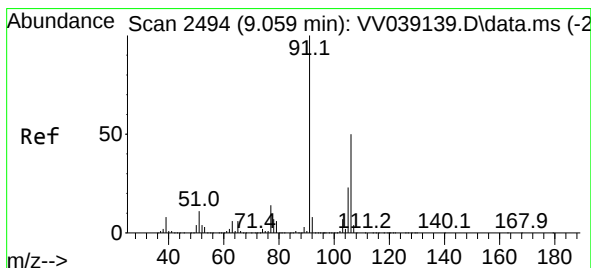
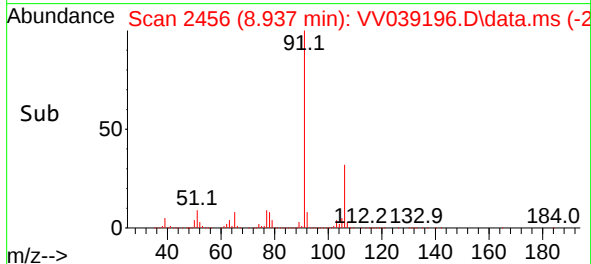
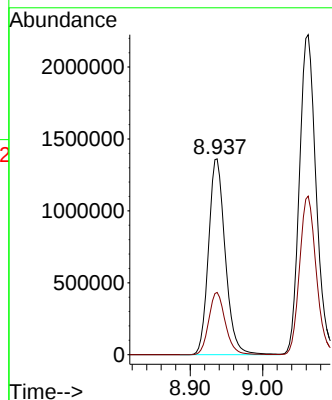
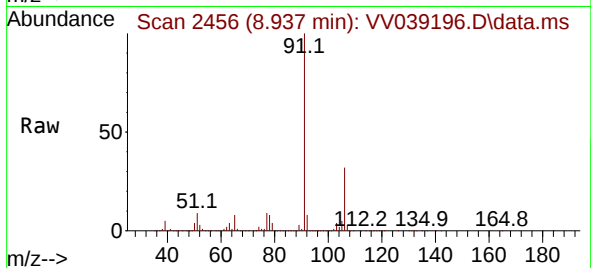
VSTDCCC050EC

Tgt Ion: 91 Resp: 2178452

Ion Ratio Lower Upper

91 100

106 31.8 24.6 37.0



#68

m/p-Xylenes

Concen: 115.899 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039196.D

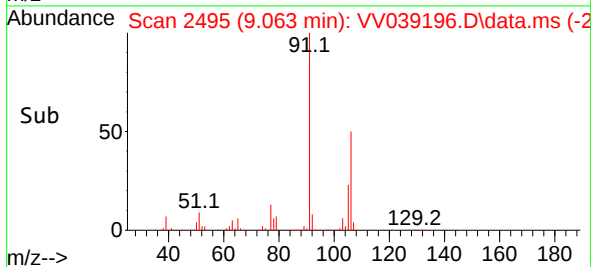
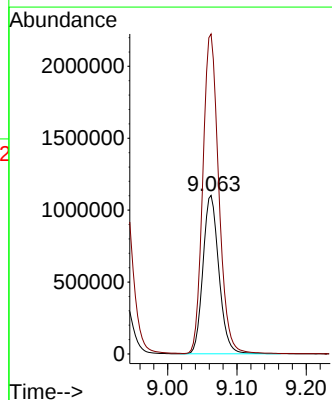
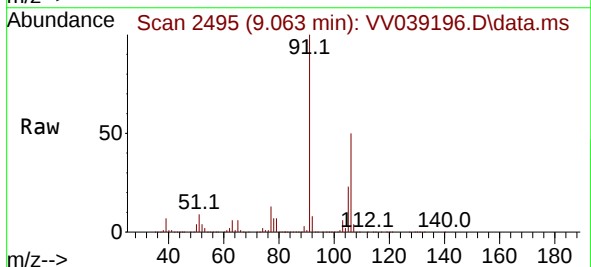
Acq: 25 Sep 2025 20:47

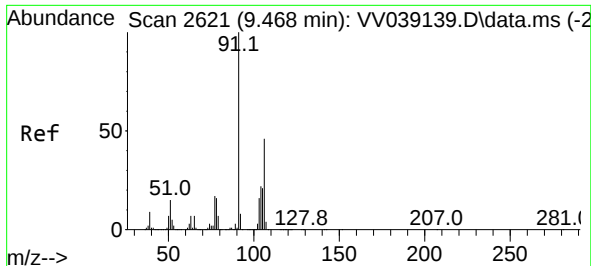
Tgt Ion: 106 Resp: 1758958

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7

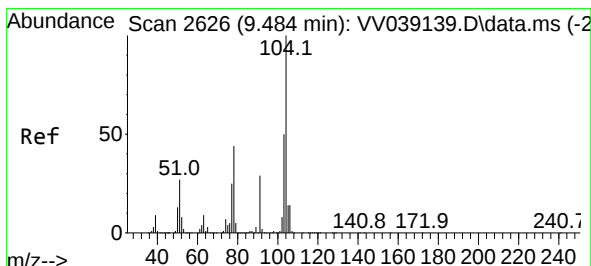
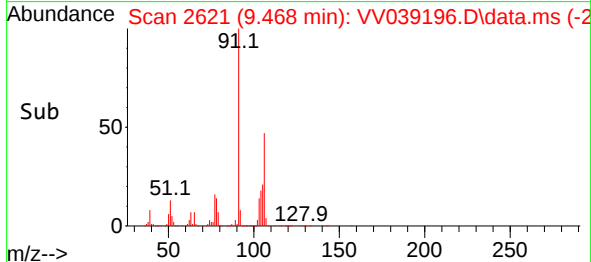
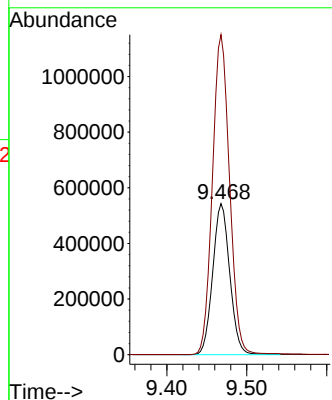
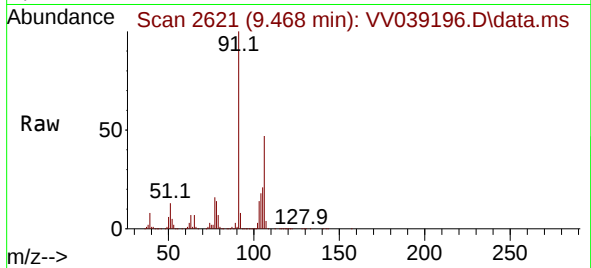




#69
o-Xylene
Concen: 59.705 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

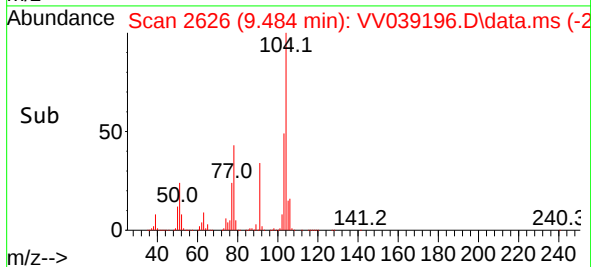
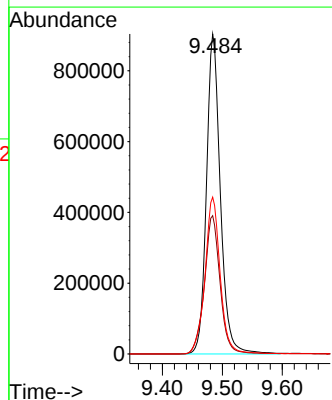
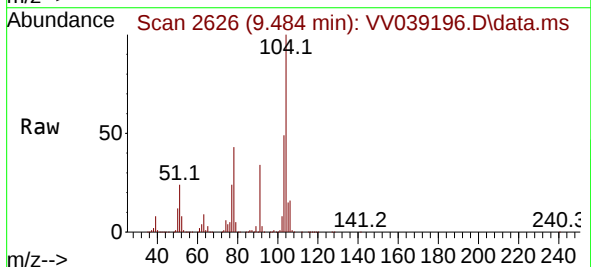
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

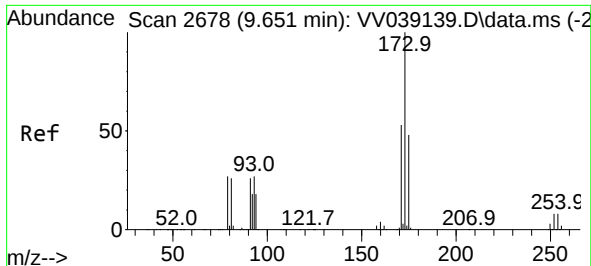
Tgt Ion:106 Resp: 802318
Ion Ratio Lower Upper
106 100
91 213.9 109.1 327.3



#70
Styrene
Concen: 51.321 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:104 Resp: 1461822
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 53.6 43.4 65.2

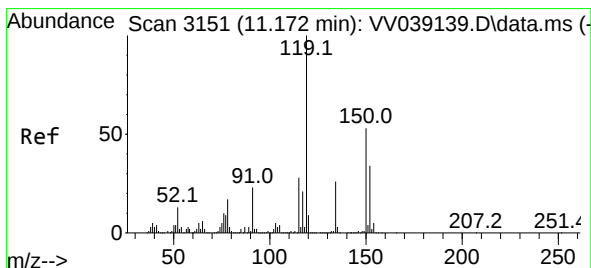
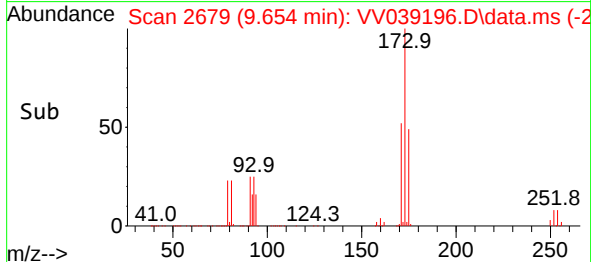
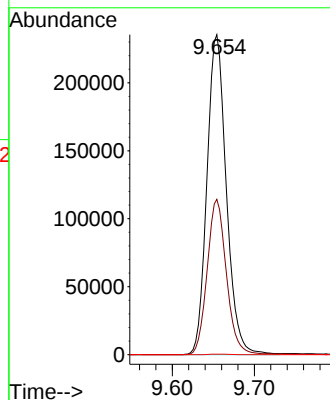
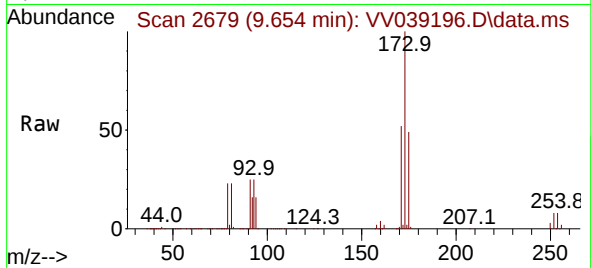




#71
Bromoform
Concen: 52.855 ug/l
RT: 9.654 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

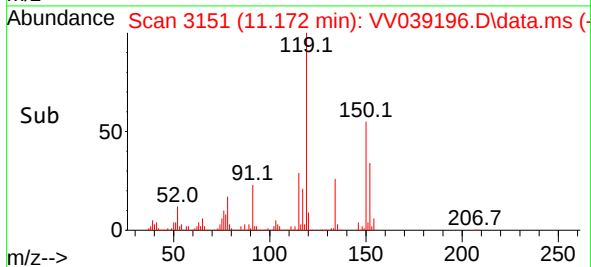
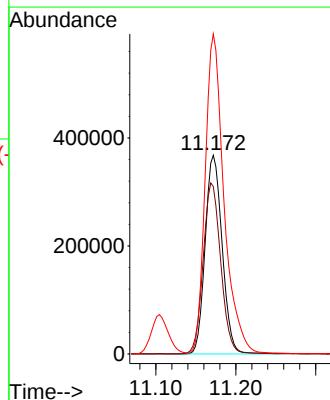
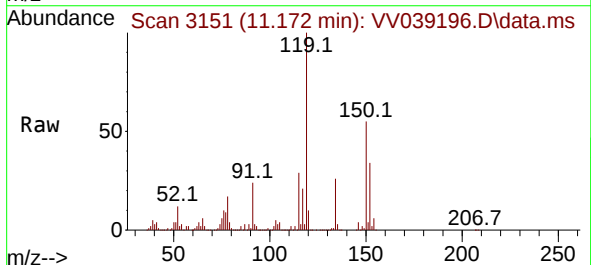
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

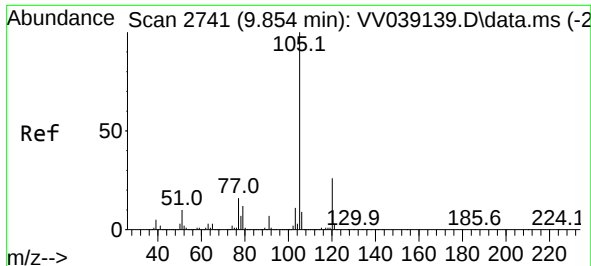
Tgt Ion:173 Resp: 387515
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:152 Resp: 544600
Ion Ratio Lower Upper
152 100
115 88.8 44.8 134.4
150 178.3 0.0 353.8

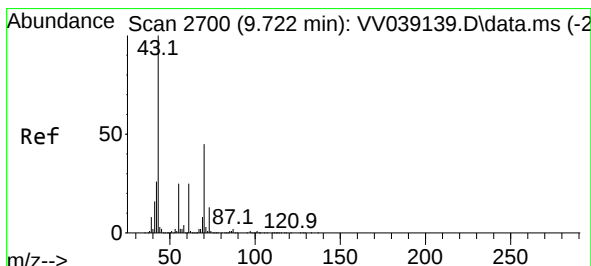
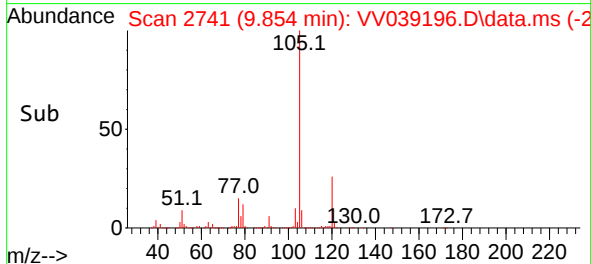
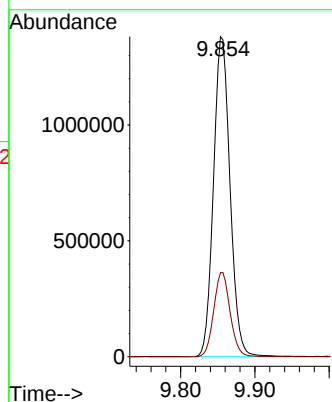
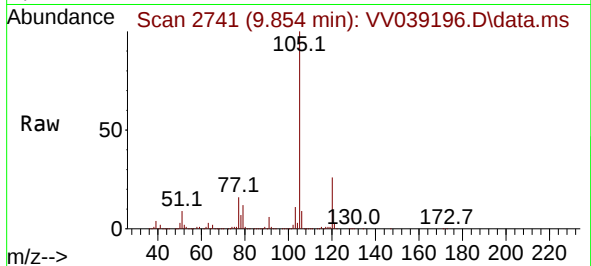




#73
Isopropylbenzene
Concen: 54.074 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

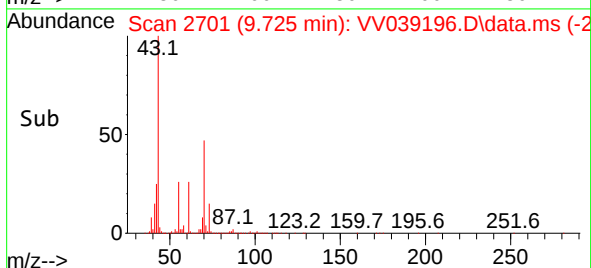
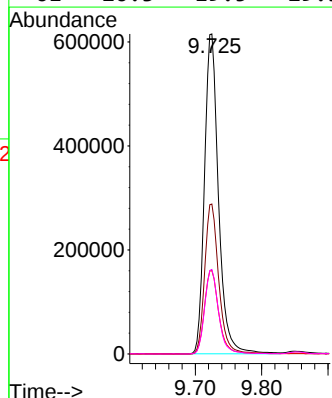
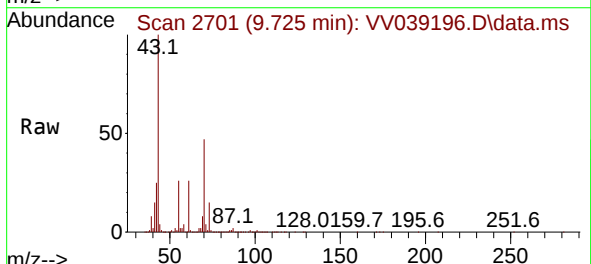
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

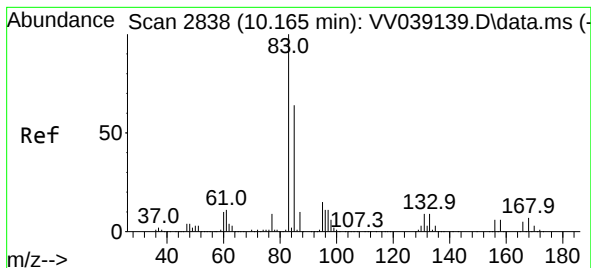
Tgt Ion:105 Resp: 2135945
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 57.321 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 43 Resp: 903132
Ion Ratio Lower Upper
43 100
70 47.1 35.4 53.0
55 26.9 20.6 30.8
61 26.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.271 ug/l

RT: 10.166 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

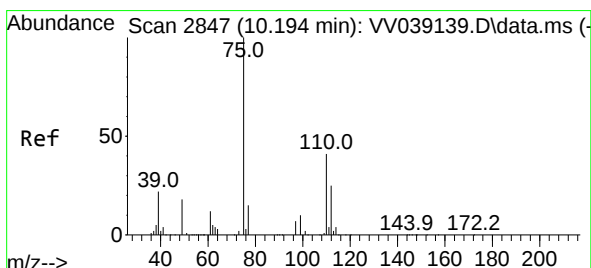
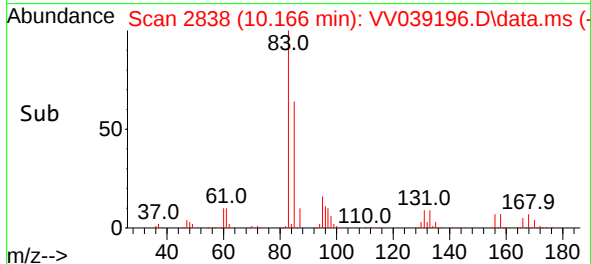
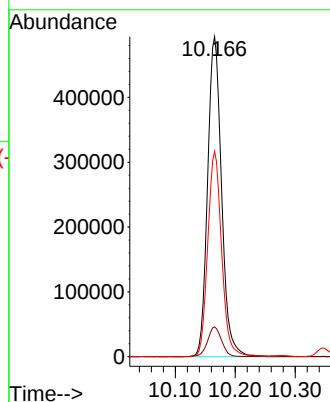
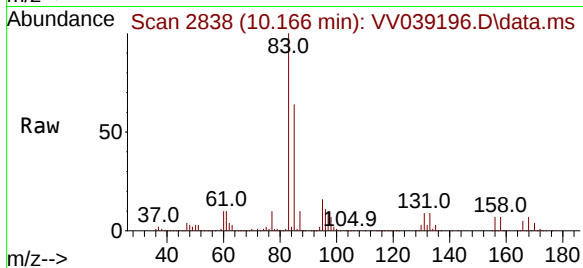
Tgt Ion: 83 Resp: 800806

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

85 63.6 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 49.011 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039196.D

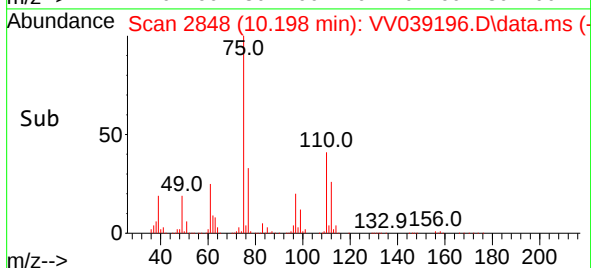
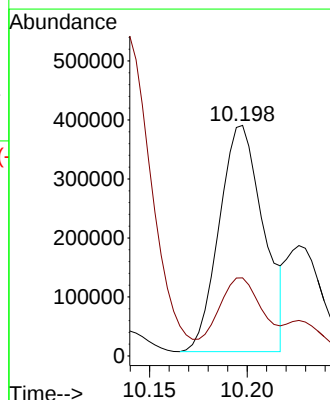
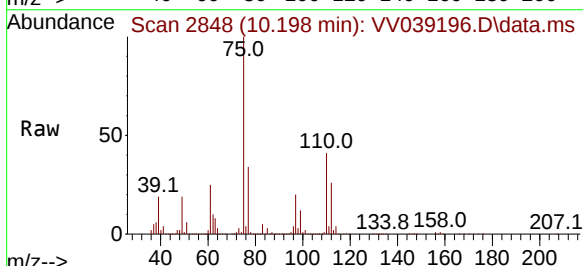
Acq: 25 Sep 2025 20:47

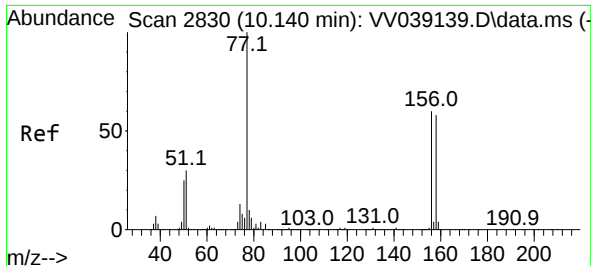
Tgt Ion: 75 Resp: 607717

Ion Ratio Lower Upper

75 100

77 23.8 11.3 33.8

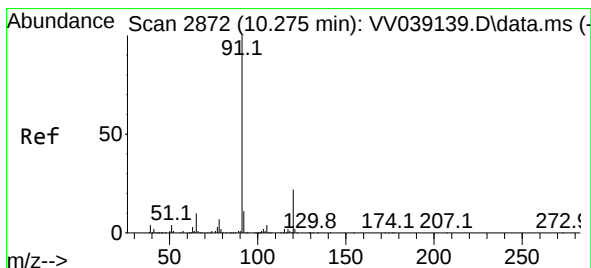
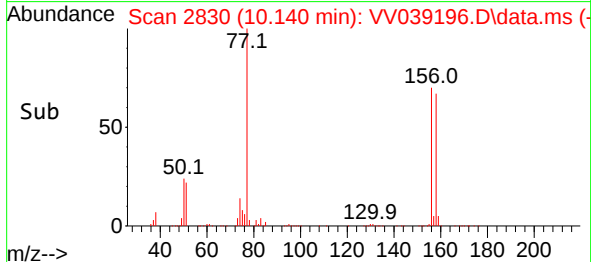
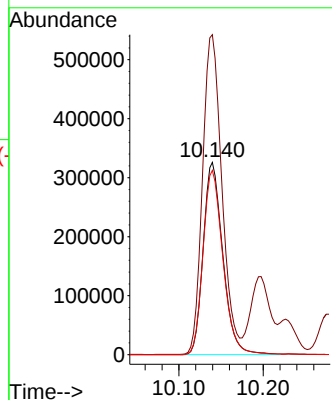
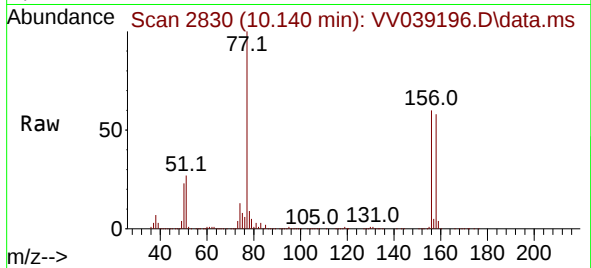




#77
Bromobenzene
Concen: 51.558 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

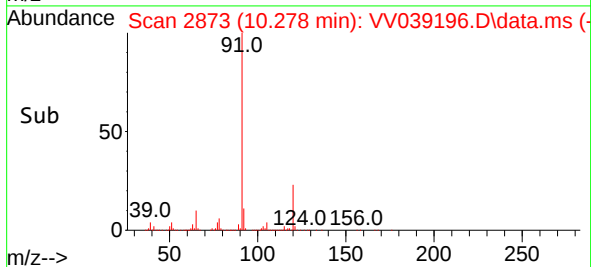
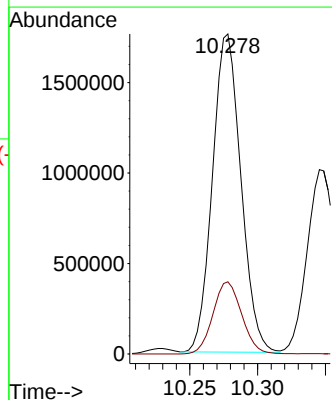
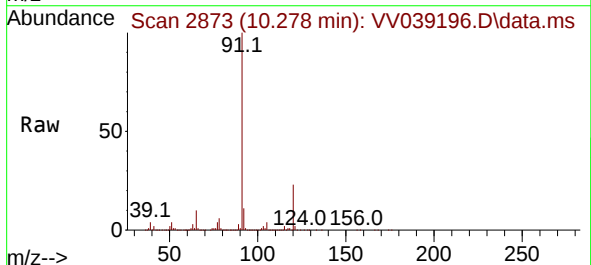
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

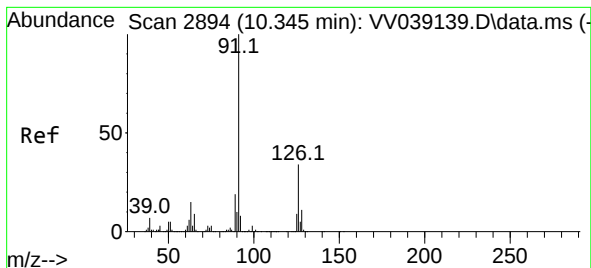
Tgt Ion:156 Resp: 528374
Ion Ratio Lower Upper
156 100
77 163.5 83.4 250.1
158 97.3 48.8 146.4



#78
n-propylbenzene
Concen: 53.303 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 91 Resp: 2563942
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.3

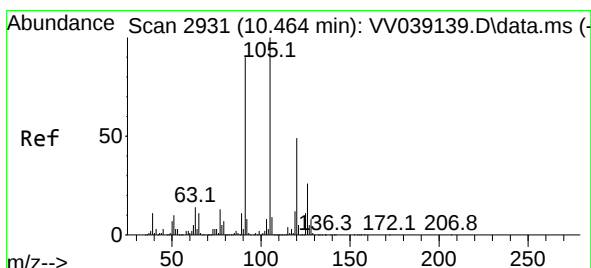
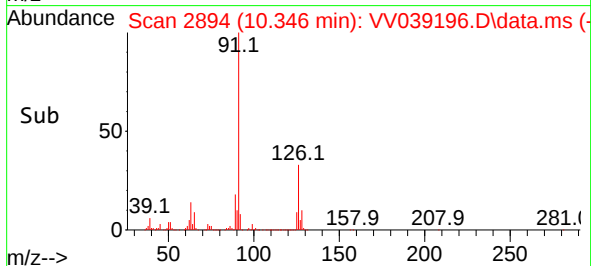
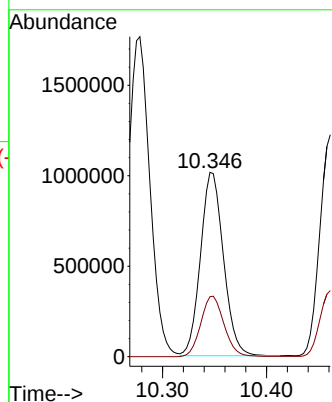
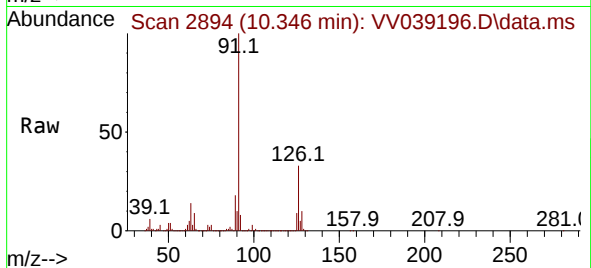




#79
2-Chlorotoluene
Concen: 53.900 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

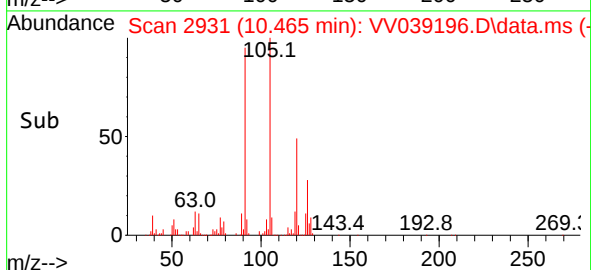
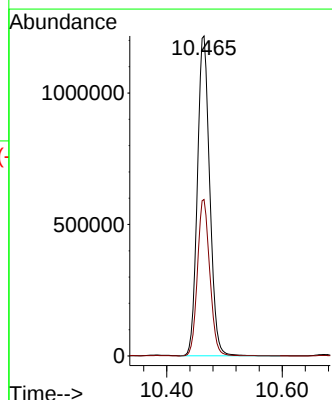
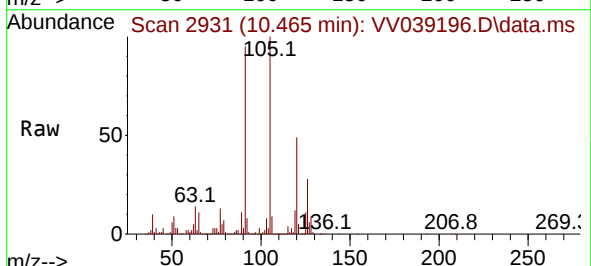
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

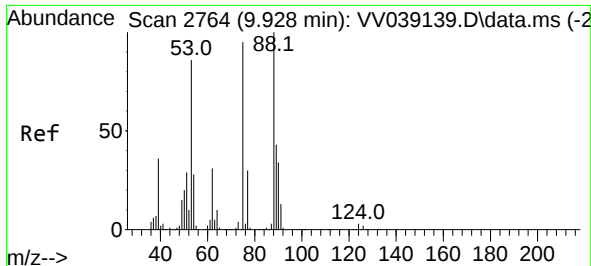
Tgt Ion: 91 Resp: 1551376
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 54.880 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 105 Resp: 1801809
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

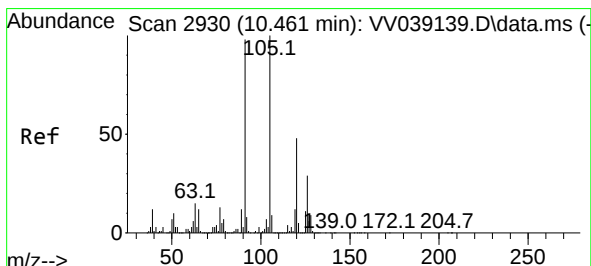
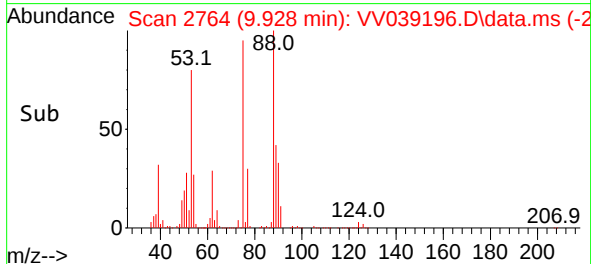
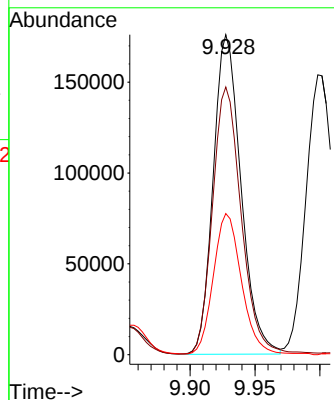
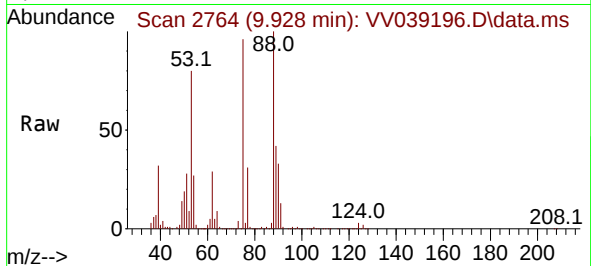




#81
trans-1,4-Dichloro-2-butene
Concen: 50.597 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

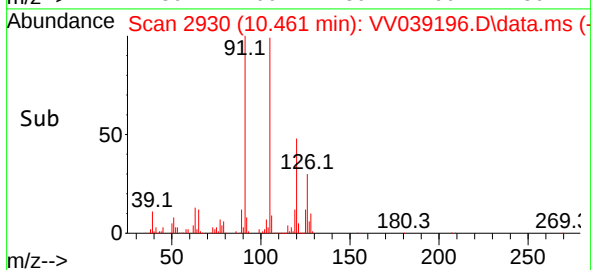
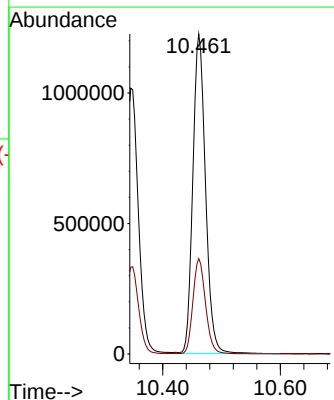
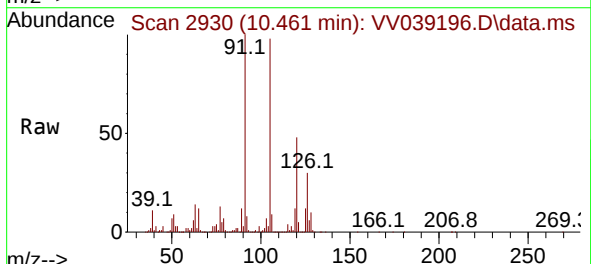
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

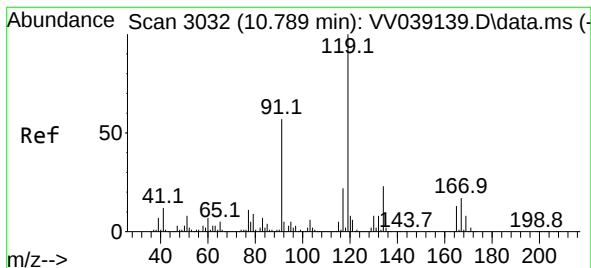
Tgt Ion: 75 Resp: 261335
Ion Ratio Lower Upper
75 100
53 86.2 72.5 108.7
89 45.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 54.873 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 91 Resp: 1831395
Ion Ratio Lower Upper
91 100
126 29.5 14.5 43.6





#83

tert-Butylbenzene

Concen: 52.069 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDC0050EC

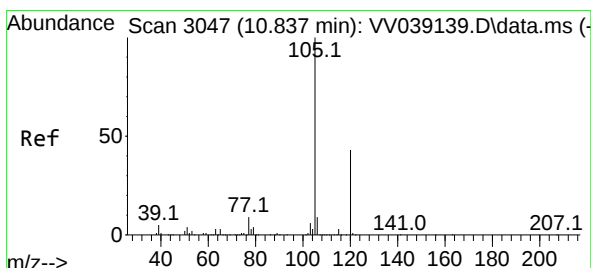
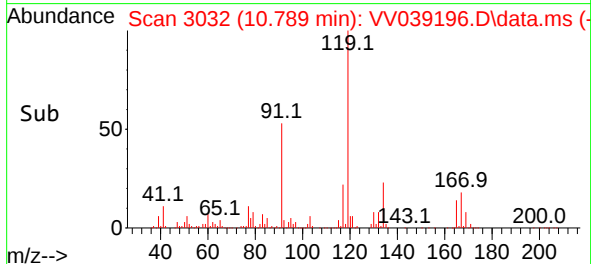
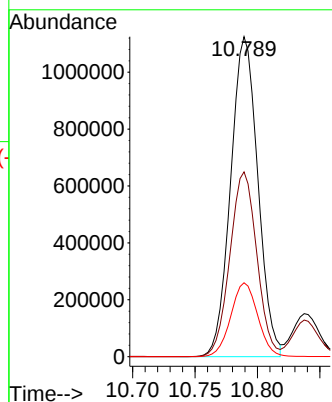
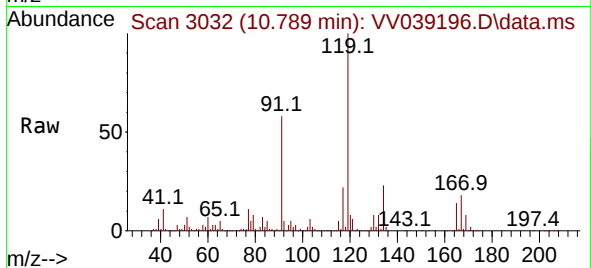
Tgt Ion:119 Resp: 1704660

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.6

134 23.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 56.814 ug/l

RT: 10.838 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039196.D

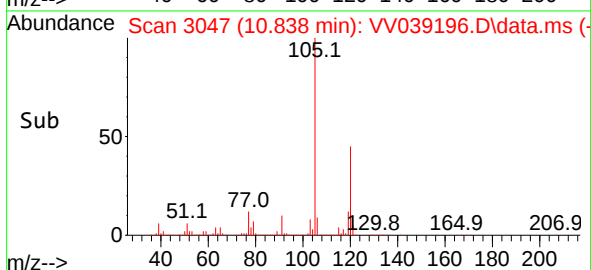
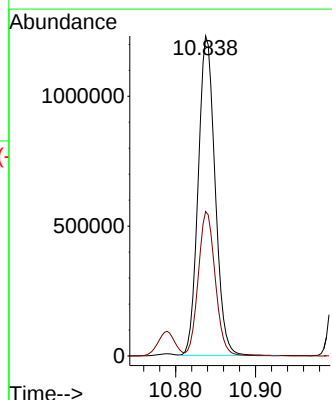
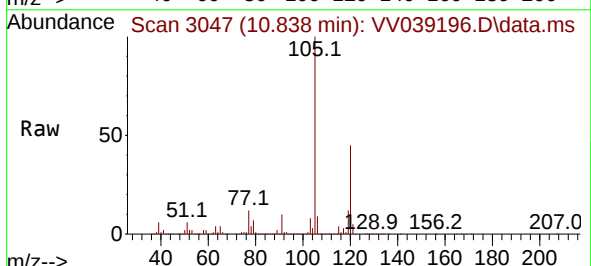
Acq: 25 Sep 2025 20:47

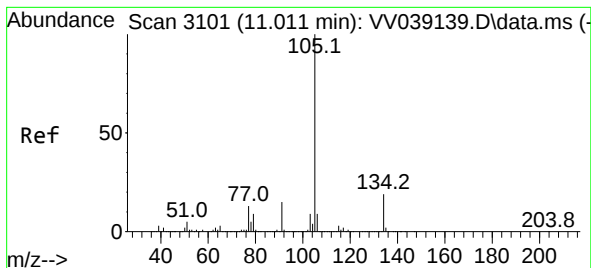
Tgt Ion:105 Resp: 1810927

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.2





#85

sec-Butylbenzene

Concen: 51.421 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

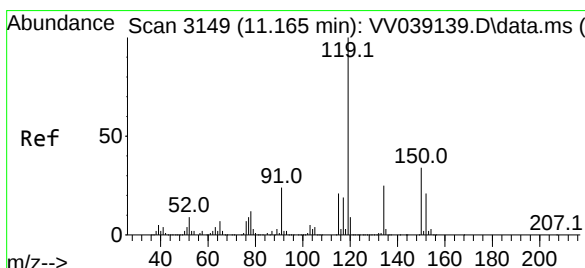
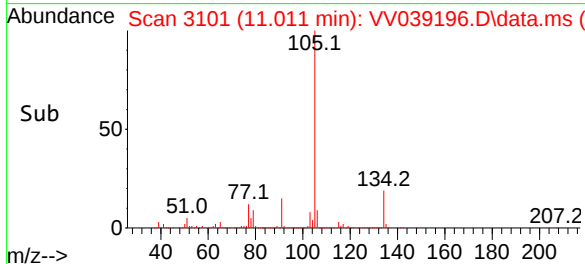
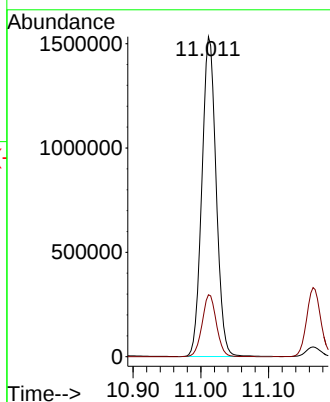
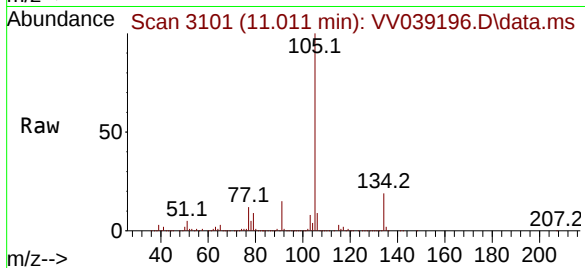
VSTDCCC050EC

Tgt Ion:105 Resp: 2232881

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 51.931 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

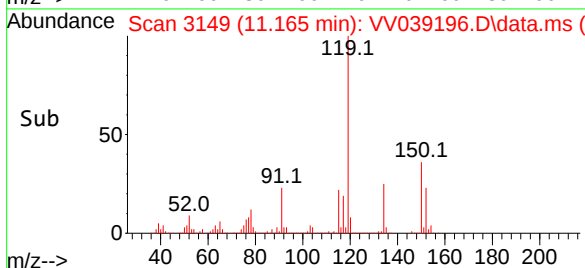
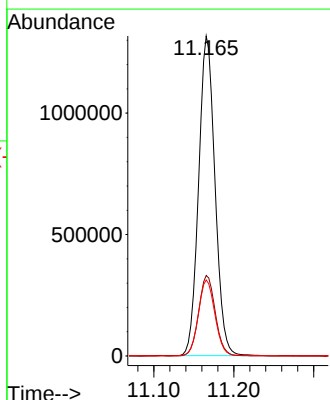
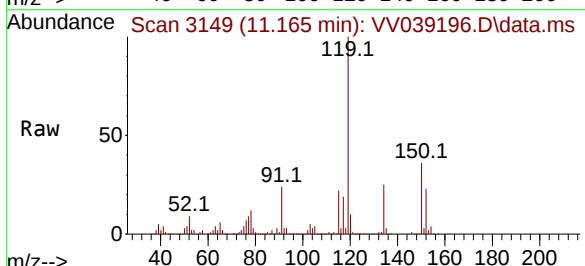
Tgt Ion:119 Resp: 1876856

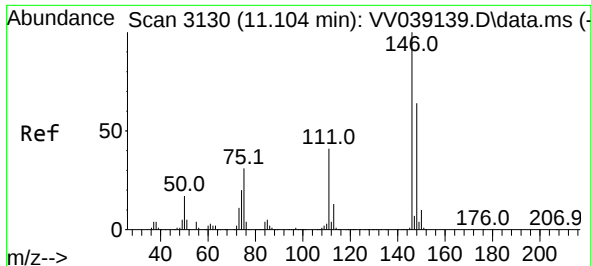
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.760 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

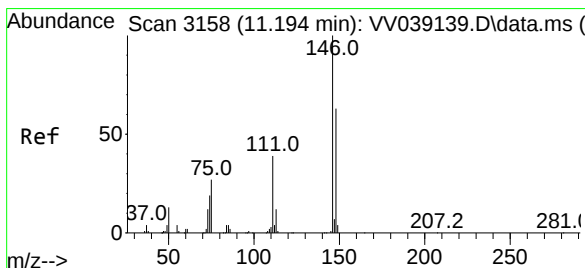
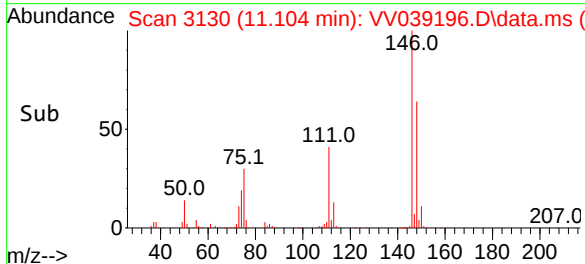
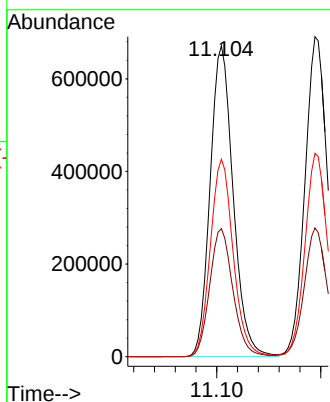
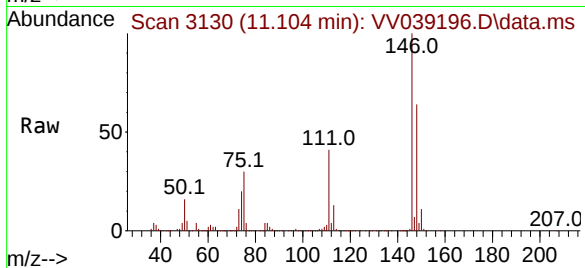
Tgt Ion:146 Resp: 1032063

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.179 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

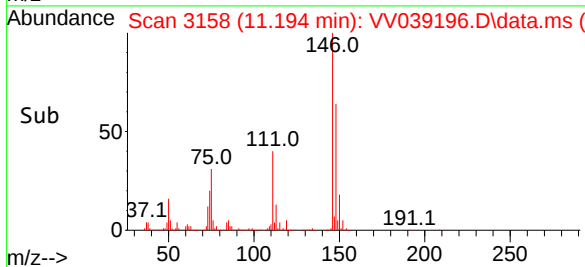
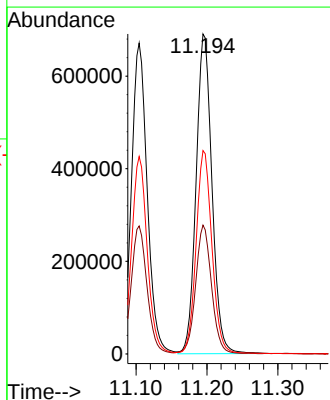
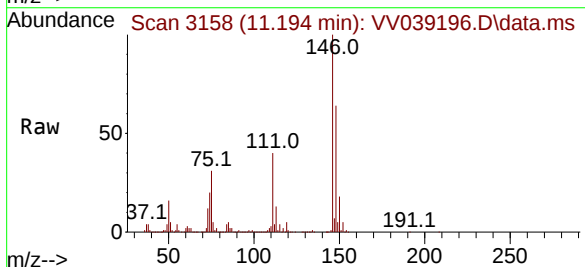
Tgt Ion:146 Resp: 1073549

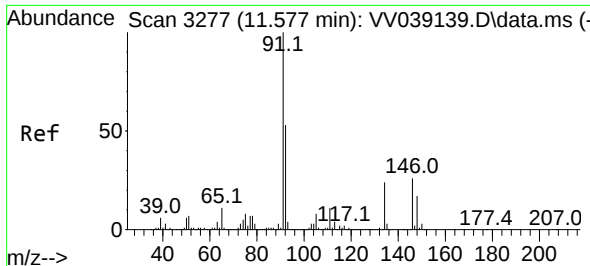
Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.8

148 63.5 31.4 94.2

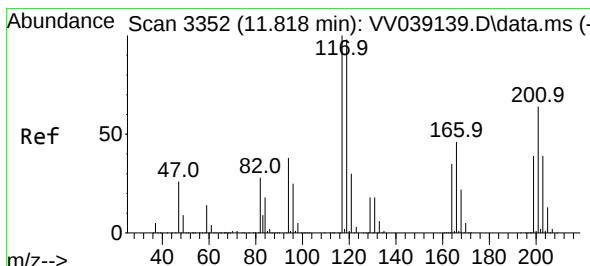
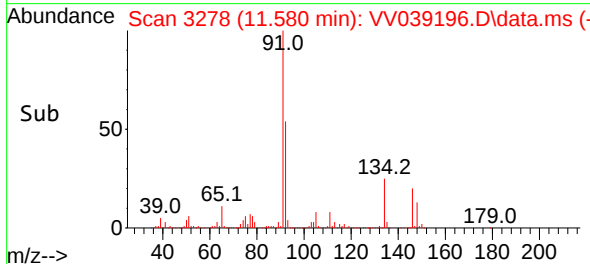
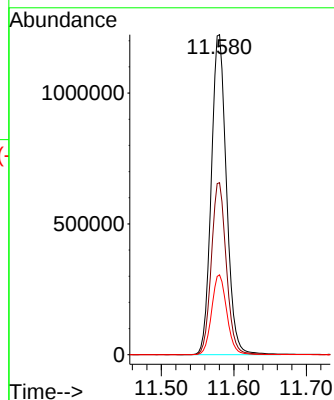
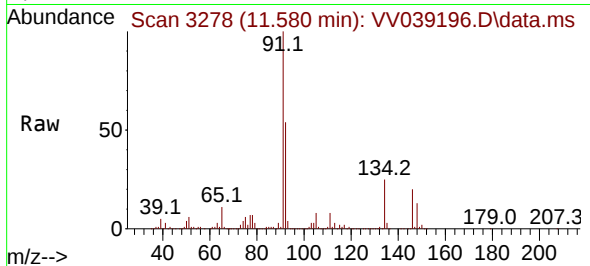




#89
n-Butylbenzene
Concen: 51.488 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

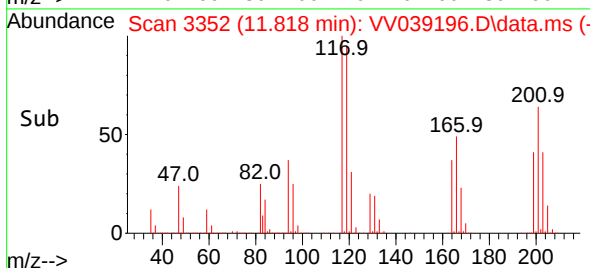
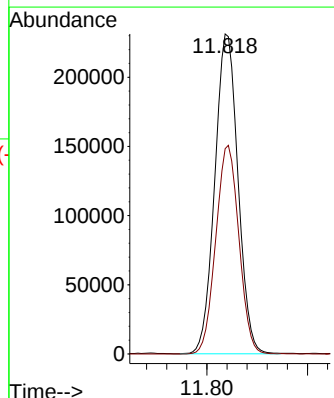
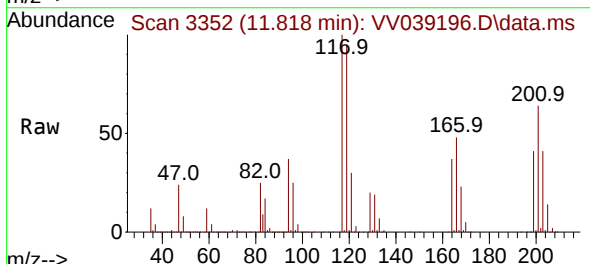
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

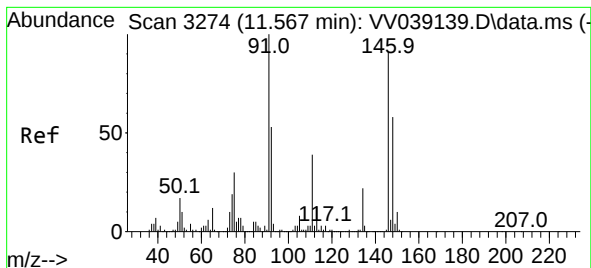
Tgt Ion: 91 Resp: 1777212
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 24.9 12.1 36.3



#90
Hexachloroethane
Concen: 41.645 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion: 117 Resp: 370643
Ion Ratio Lower Upper
117 100
201 64.9 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 50.390 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

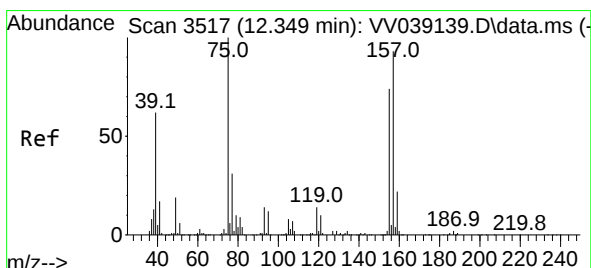
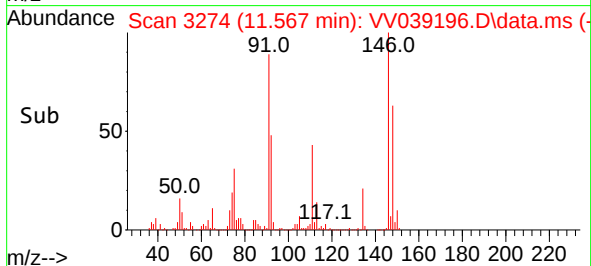
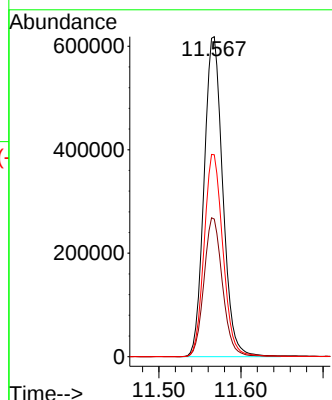
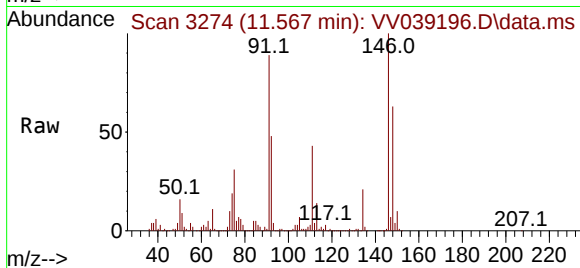
Tgt Ion:146 Resp: 976434

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 63.7 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.186 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

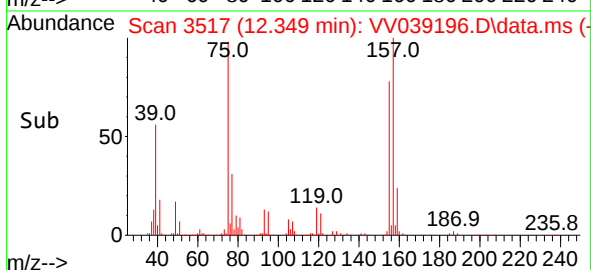
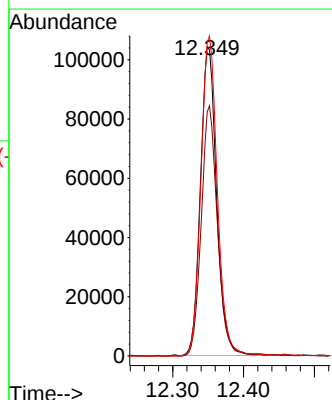
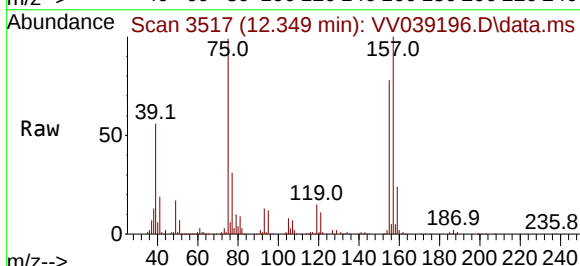
Tgt Ion: 75 Resp: 166109

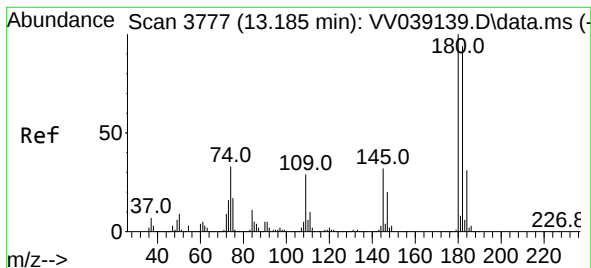
Ion Ratio Lower Upper

75 100

155 80.6 38.6 115.8

157 104.7 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 52.285 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

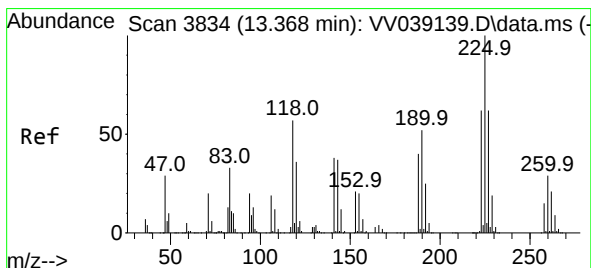
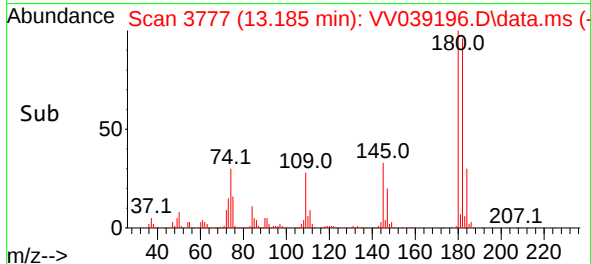
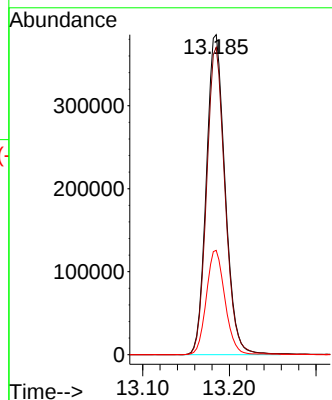
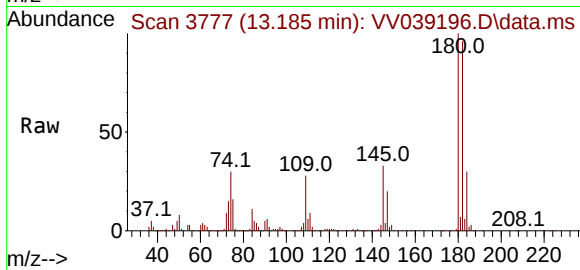
Tgt Ion:180 Resp: 580780

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.4

145 32.3 16.3 48.8



#94

Hexachlorobutadiene

Concen: 40.265 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039196.D

Acq: 25 Sep 2025 20:47

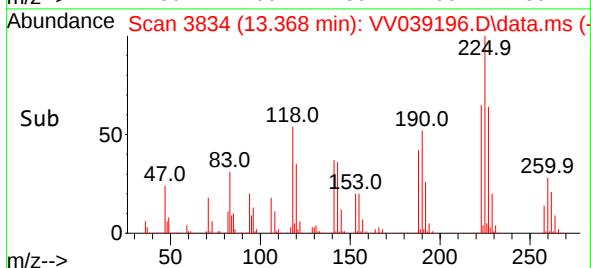
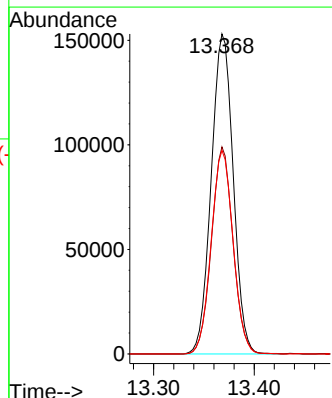
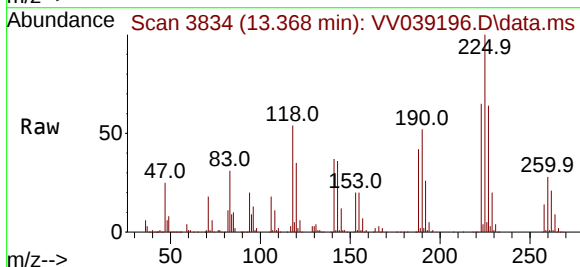
Tgt Ion:225 Resp: 232401

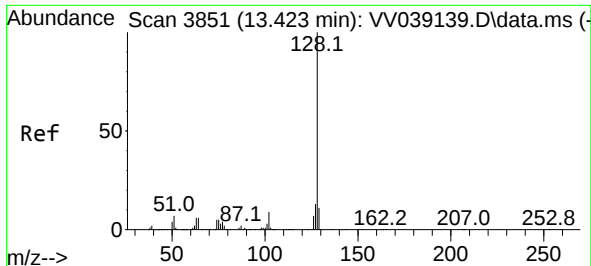
Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.7

227 63.5 31.8 95.4

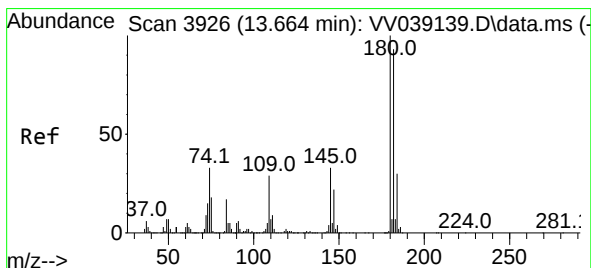
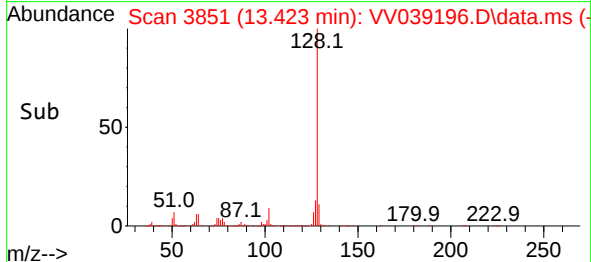
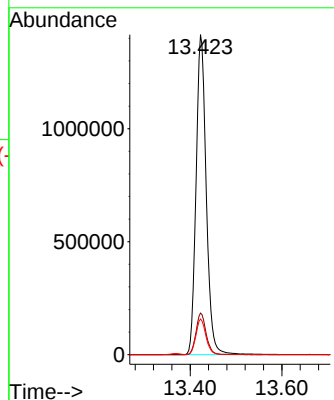
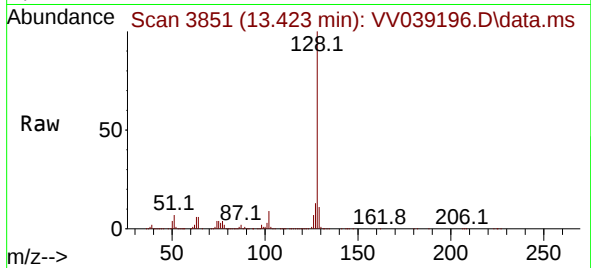




#95
Naphthalene
Concen: 60.667 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 2178110
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.817 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. 0.000 min
Lab File: VV039196.D
Acq: 25 Sep 2025 20:47

Tgt Ion:180 Resp: 600046
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.8
145 34.4 17.0 51.0

