

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039198.D
 Acq On : 26 Sep 2025 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 02:48:49 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	4.597	168	568268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	890856	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	851107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	503461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	382222	46.473	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.940%
35) Dibromofluoromethane	4.497	113	361542	50.482	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.960%
50) Toluene-d8	7.233	98	1052144	50.021	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.040%
62) 4-Bromofluorobenzene	9.998	95	496739	57.366	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	114.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	396522	44.079	ug/l	98
3) Chloromethane	1.227	50	418050	43.290	ug/l	100
4) Vinyl Chloride	1.295	62	479647	46.394	ug/l	100
5) Bromomethane	1.494	94	291810	44.774	ug/l	98
6) Chloroethane	1.558	64	302144	49.614	ug/l	96
7) Trichlorofluoromethane	1.722	101	698490	46.665	ug/l	99
8) Diethyl Ether	1.915	74	274691	49.434	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	425486	47.774	ug/l	98
10) Methyl Iodide	2.195	142	417411	49.215	ug/l	97
11) Tert butyl alcohol	2.568	59	464183	267.036	ug/l	99
12) 1,1-Dichloroethene	2.079	96	405466	47.323	ug/l	95
13) Acrolein	2.008	56	78856	261.435	ug/l	100
14) Allyl chloride	2.356	41	702274	45.886	ug/l	96
15) Acrylonitrile	2.671	53	1342967	241.006	ug/l	99
16) Acetone	2.118	43	1614924	325.476	ug/l	97
17) Carbon Disulfide	2.249	76	1159506	44.250	ug/l	99
18) Methyl Acetate	2.378	43	628554	51.580	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	1386577	50.786	ug/l	100
20) Methylene Chloride	2.455	84	472123	53.373	ug/l	95
21) trans-1,2-Dichloroethene	2.700	96	426028	46.707	ug/l	97
22) Diisopropyl ether	3.214	45	1361630	46.500	ug/l	98
23) Vinyl Acetate	3.185	43	6054952	236.375	ug/l	97
24) 1,1-Dichloroethane	3.114	63	797976	44.562	ug/l	99
25) 2-Butanone	3.864	43	1833262	278.360	ug/l	96
26) 2,2-Dichloropropane	3.809	77	654670	41.232	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	492190	48.927	ug/l	96
28) Bromochloromethane	4.140	49	393882	49.825	ug/l	91
29) Tetrahydrofuran	4.233	42	1063152	257.902	ug/l	97
30) Chloroform	4.275	83	827141	44.235	ug/l	99
31) Cyclohexane	4.581	56	629144	42.889	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	713673	44.086	ug/l	98
36) 1,1-Dichloropropene	4.741	75	527907	48.754	ug/l	98
37) Ethyl Acetate	3.973	43	626124	47.654	ug/l	96
38) Carbon Tetrachloride	4.732	117	603195	45.581	ug/l	98
39) Methylcyclohexane	6.044	83	639925	48.939	ug/l	99
40) Benzene	5.005	78	1727192	48.985	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	288855	48.677	ug/l	96
42) 1,2-Dichloroethane	5.037	62	580659	47.000	ug/l	98
43) Isopropyl Acetate	5.191	43	944896	52.745	ug/l	98
44) Trichloroethene	5.828	130	417489	51.312	ug/l	99
45) 1,2-Dichloropropane	6.085	63	439219	50.116	ug/l	97
46) Dibromomethane	6.224	93	336464	50.160	ug/l	97
47) Bromodichloromethane	6.423	83	661080	47.672	ug/l	99
48) Methyl methacrylate	6.294	41	446114	54.936	ug/l	96
49) 1,4-Dioxane	6.288	88	161118	1229.438	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	3229046	273.983	ug/l	97
52) Toluene	7.307	92	1075327	52.600	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	654044	54.120	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	717693	53.795	ug/l	96
55) 1,1,2-Trichloroethane	7.757	97	455956	49.741	ug/l	99
56) Ethyl methacrylate	7.712	69	659328	60.567	ug/l	96
57) 1,3-Dichloropropane	7.931	76	738511	51.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1583796	257.371	ug/l	97
59) 2-Hexanone	8.063	43	2540984	266.941	ug/l	96
60) Dibromochloromethane	8.166	129	523192	50.091	ug/l	99
61) 1,2-Dibromoethane	8.272	107	492305	52.515	ug/l	99
64) Tetrachloroethene	7.896	164	356008	49.940	ug/l	99
65) Chlorobenzene	8.802	112	1184240	49.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.895	131	420629	49.105	ug/l	99
67) Ethyl Benzene	8.934	91	1965281	54.765	ug/l	100
68) m/p-Xylenes	9.059	106	1594917	115.152	ug/l	99
69) o-Xylene	9.468	106	714698	58.277	ug/l	98
70) Styrene	9.484	104	1314322	50.578	ug/l	100
71) Bromoform	9.651	173	361962	54.097	ug/l #	99
73) Isopropylbenzene	9.854	105	1910303	52.314	ug/l	100
74) N-amyl acetate	9.722	43	833773	57.243	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.166	83	743933	46.497	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	543913	47.449	ug/l	95
77) Bromobenzene	10.140	156	486251	51.325	ug/l	97
78) n-propylbenzene	10.278	91	2304429	51.822	ug/l	98
79) 2-Chlorotoluene	10.346	91	1410067	52.993	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	1631715	53.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	255261	53.459	ug/l	97
82) 4-Chlorotoluene	10.461	91	1665368	53.976	ug/l	99
83) tert-Butylbenzene	10.789	119	1531956	50.617	ug/l	99
84) 1,2,4-Trimethylbenzene	10.838	105	1635985	55.520	ug/l	100
85) sec-Butylbenzene	11.011	105	1994966	49.696	ug/l	99
86) p-Isopropyltoluene	11.166	119	1686983	50.491	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	947921	49.438	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	963204	45.789	ug/l	98
89) n-Butylbenzene	11.577	91	1607017	50.362	ug/l	99
90) Hexachloroethane	11.818	117	339159	41.222	ug/l	100
91) 1,2-Dichlorobenzene	11.564	146	896118	50.024	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	157070	54.339	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	526372	51.259	ug/l	99
94) Hexachlorobutadiene	13.368	225	216529	40.581	ug/l	99
95) Naphthalene	13.423	128	1996722	60.159	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	547531	52.133	ug/l	99

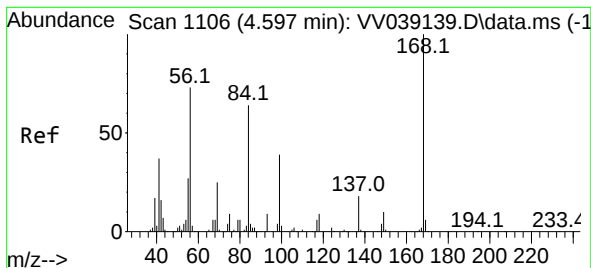
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
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Response via : Initial Calibration

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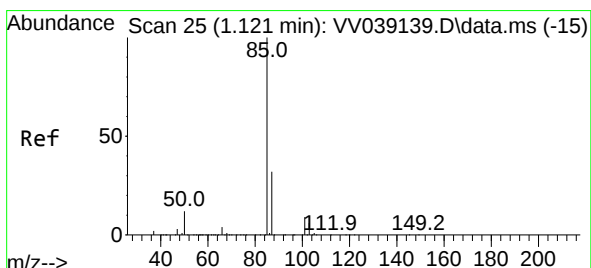
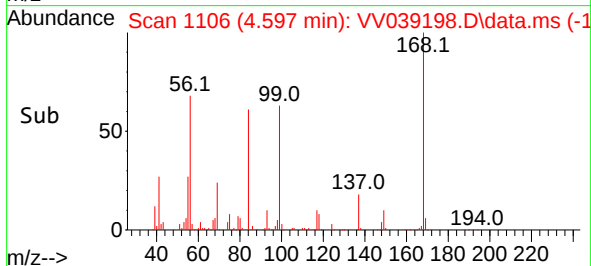
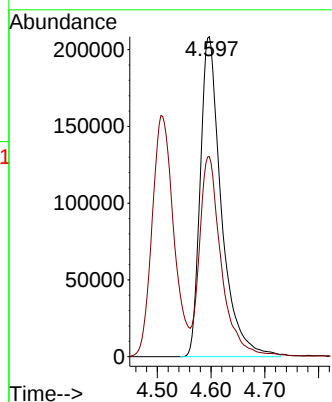
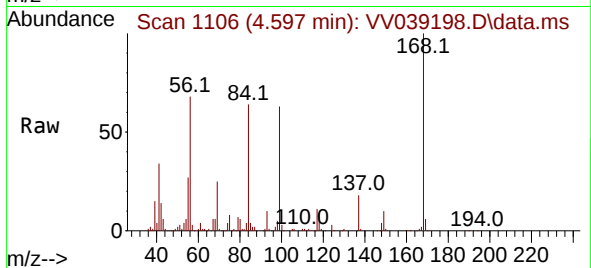
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VV039198.D
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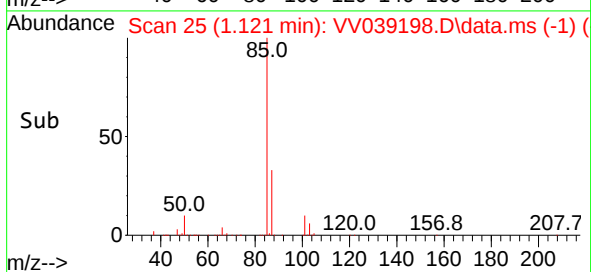
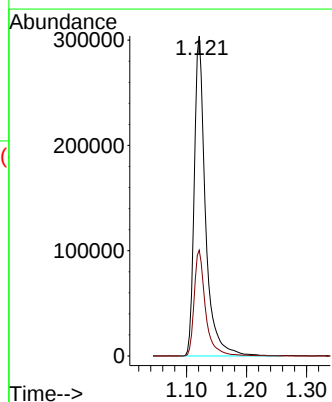
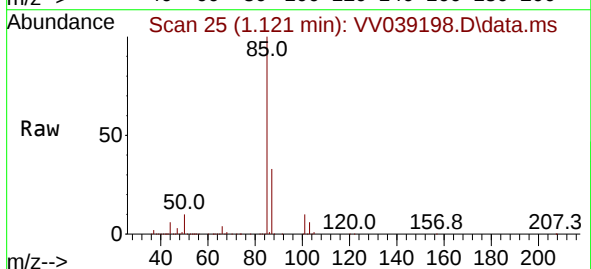
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 568268
Ion Ratio Lower Upper
168 100
99 61.9 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 44.079 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 85 Resp: 396522
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9

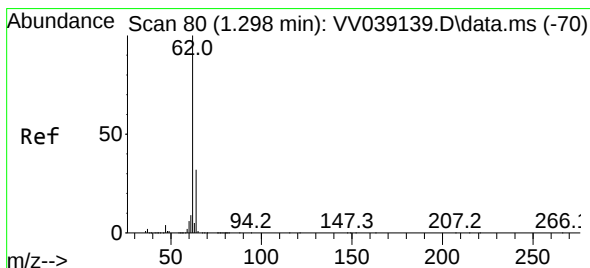
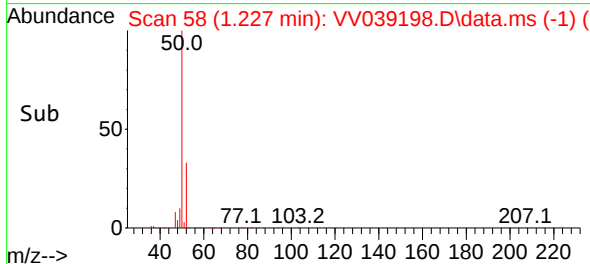
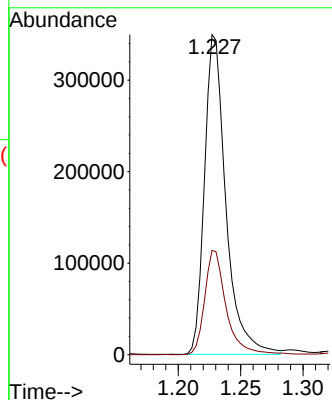
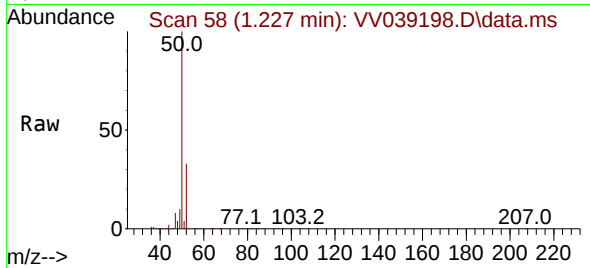




#3
Chloromethane
Concen: 43.290 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

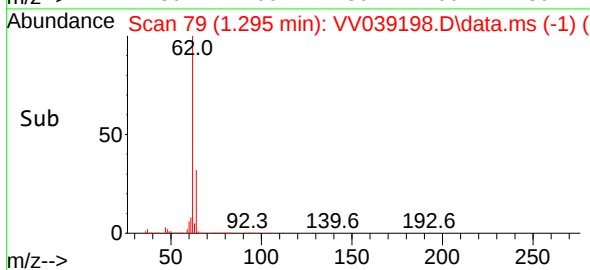
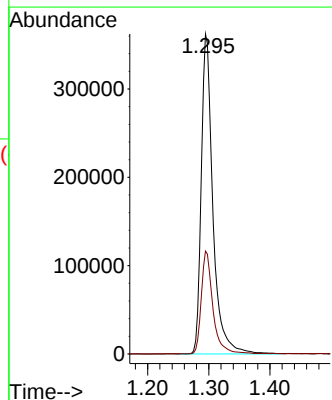
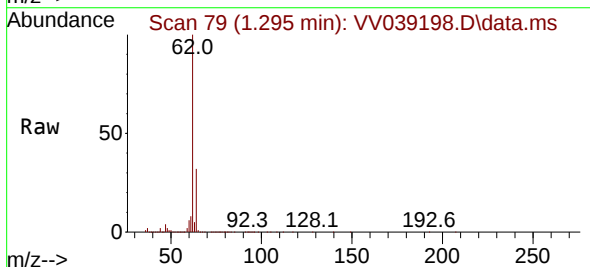
Instrument :
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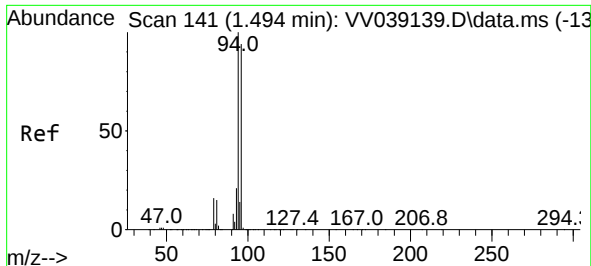
Tgt Ion: 50 Resp: 418050
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 46.394 ug/l
RT: 1.295 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 62 Resp: 479647
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

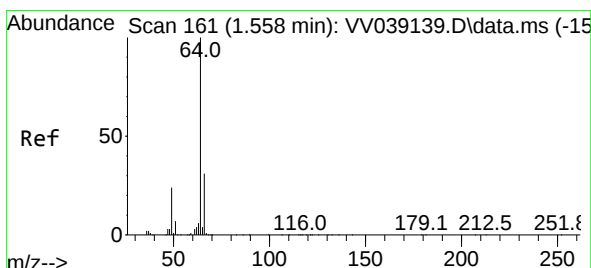
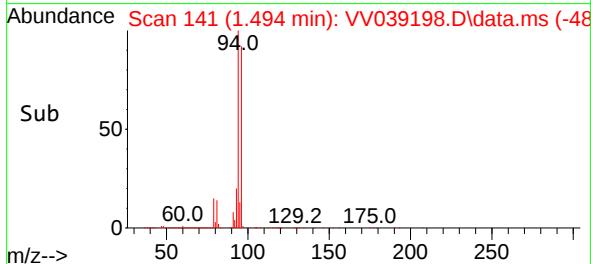
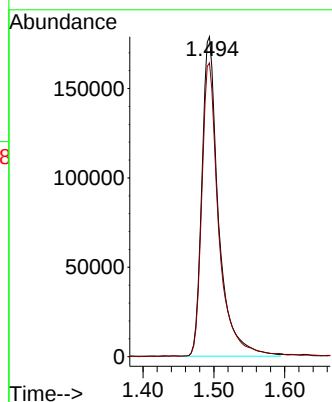
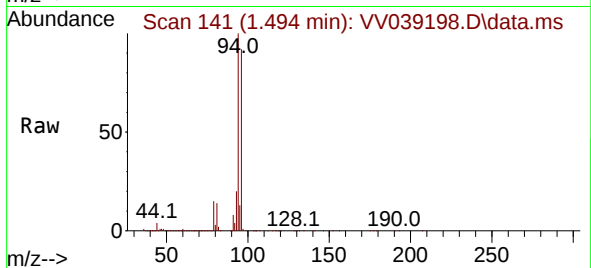




#5
Bromomethane
Concen: 44.774 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

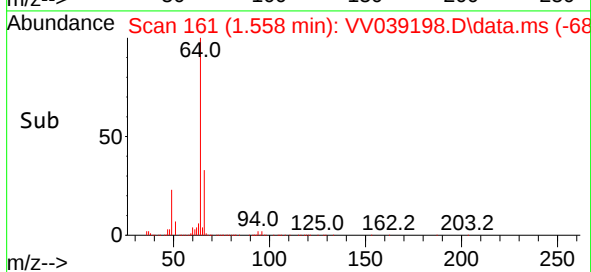
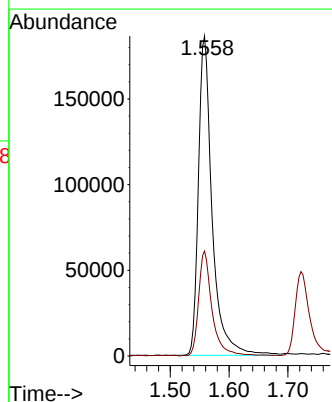
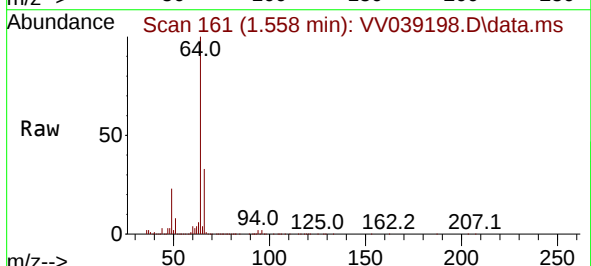
Instrument :
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Tgt Ion: 94 Resp: 291810
Ion Ratio Lower Upper
94 100
96 91.8 74.9 112.3



#6
Chloroethane
Concen: 49.614 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 64 Resp: 302144
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

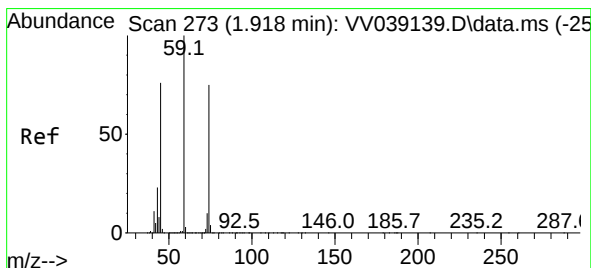
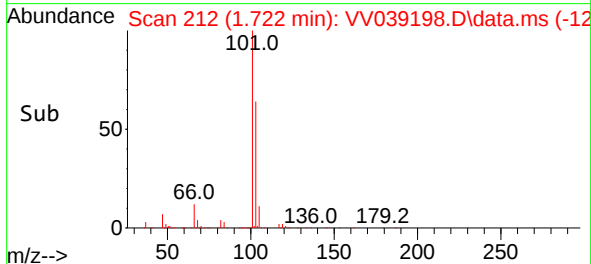
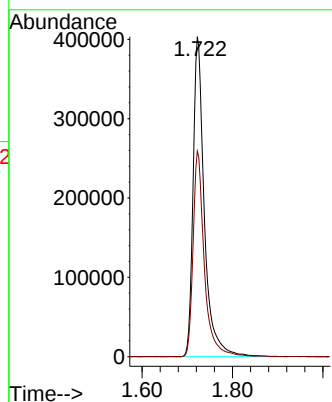
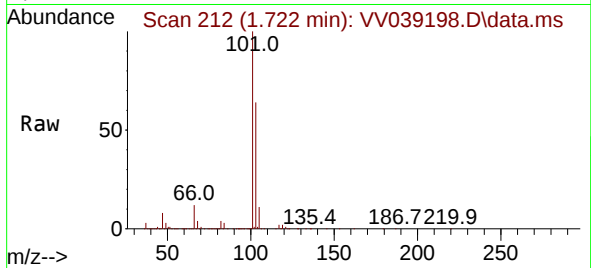




#7
Trichlorofluoromethane
Concen: 46.665 ug/l
RT: 1.722 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039198.D
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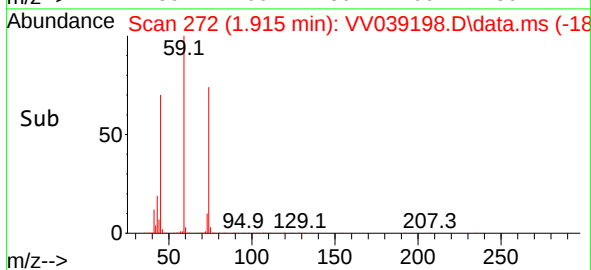
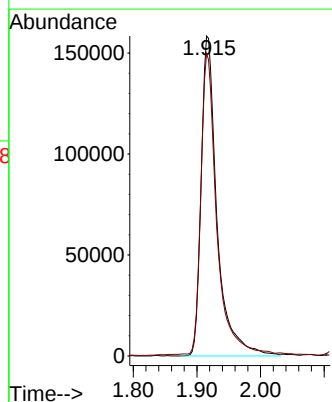
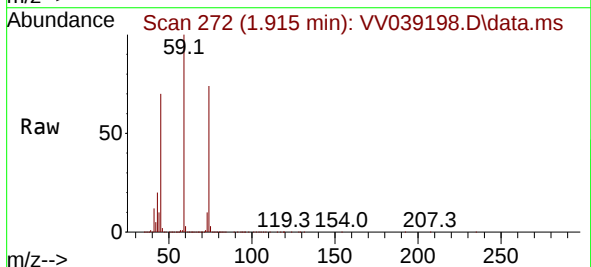
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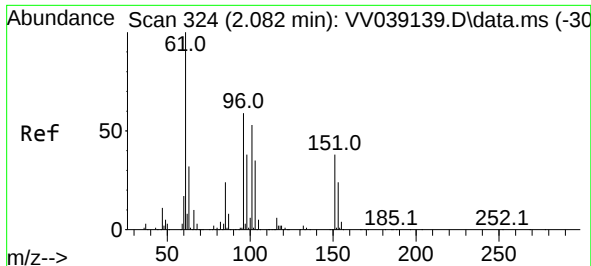
Tgt Ion:101 Resp: 698490
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0



#8
Diethyl Ether
Concen: 49.434 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 74 Resp: 274691
Ion Ratio Lower Upper
74 100
45 95.2 49.6 148.8

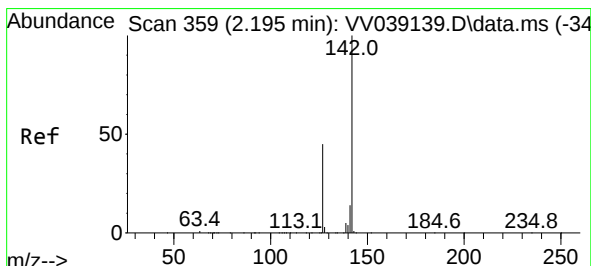
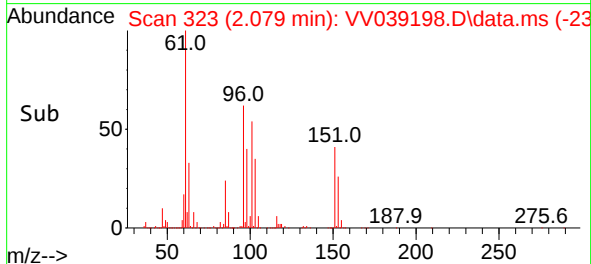
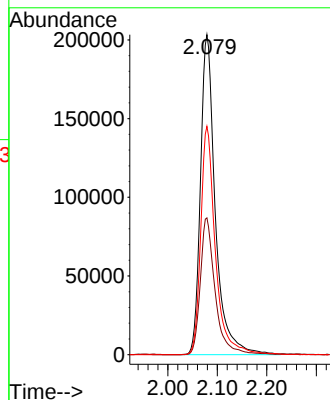
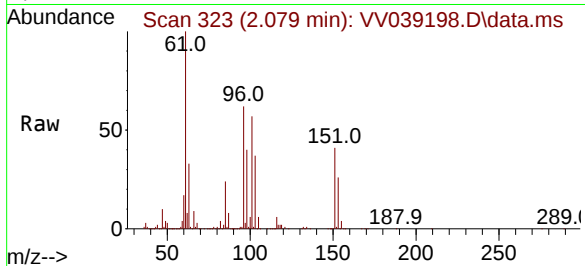




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.774 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039198.D
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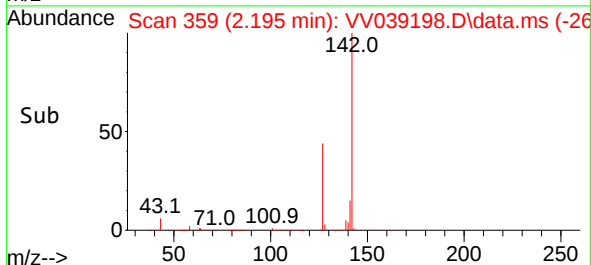
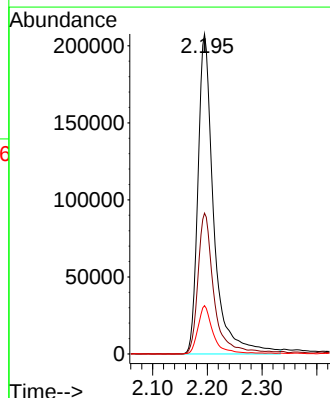
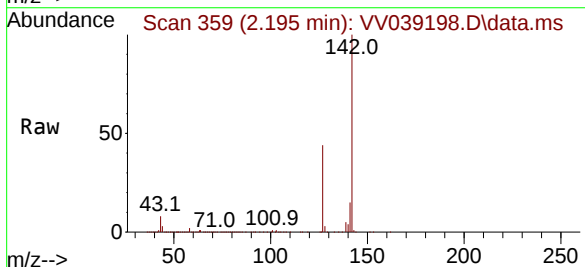
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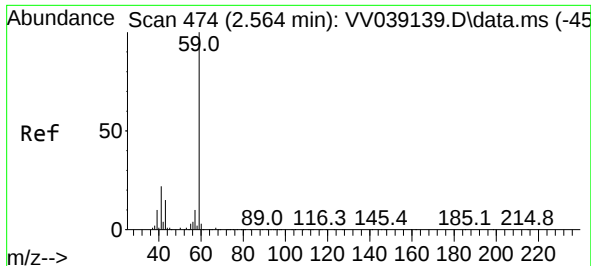
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Ion Ratio Lower Upper
101 100
85 42.8 36.2 54.2
151 70.8 56.3 84.5



#10
Methyl Iodide
Concen: 49.215 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion:142 Resp: 417411
Ion Ratio Lower Upper
142 100
127 43.4 36.3 54.5
141 14.3 11.2 16.8

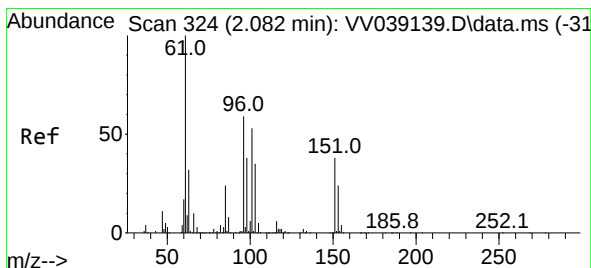
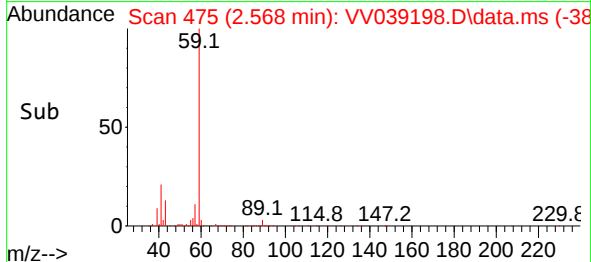
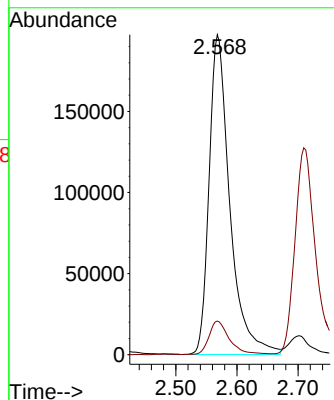
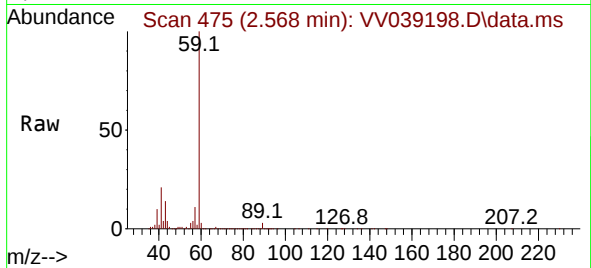




#11
Tert butyl alcohol
Concen: 267.036 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

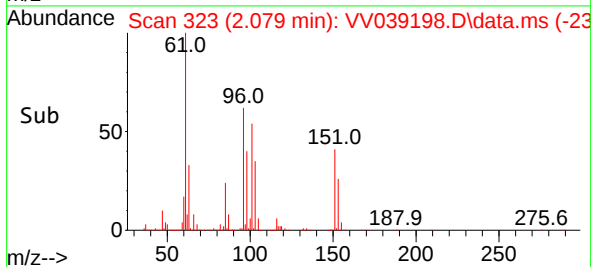
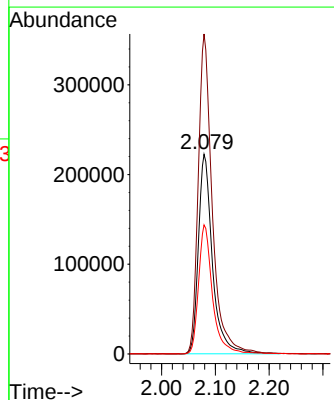
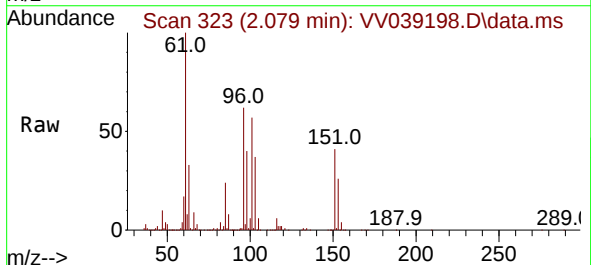
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

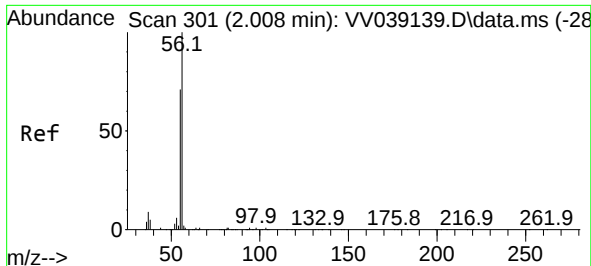
Tgt Ion: 59 Resp: 464183
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.323 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 96 Resp: 405466
Ion Ratio Lower Upper
96 100
61 160.3 136.0 204.0
98 64.6 51.0 76.6





#13

Acrolein

Concen: 261.435 ug/l

RT: 2.008 min Scan# 301

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

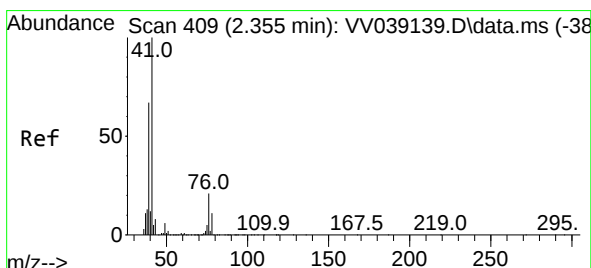
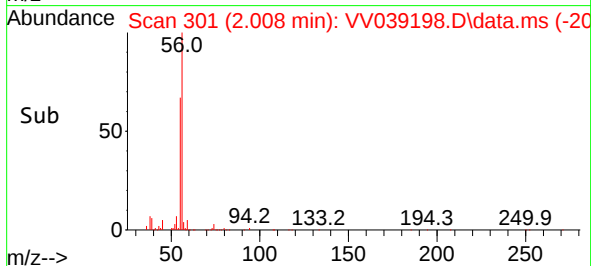
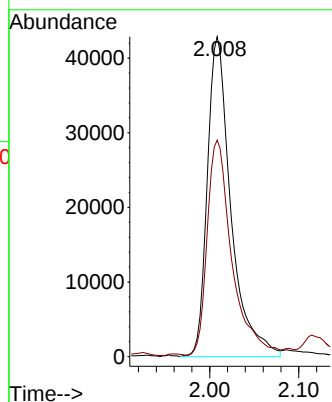
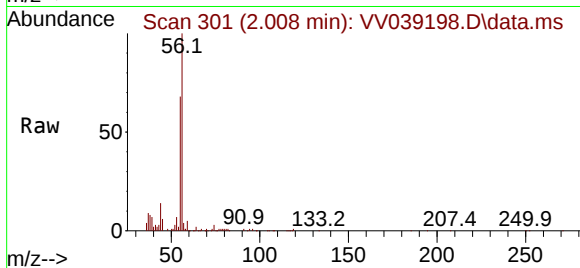
VSTDCCC050

Tgt Ion: 56 Resp: 78856

Ion Ratio Lower Upper

56 100

55 70.1 56.2 84.4



#14

Allyl chloride

Concen: 45.886 ug/l

RT: 2.356 min Scan# 409

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

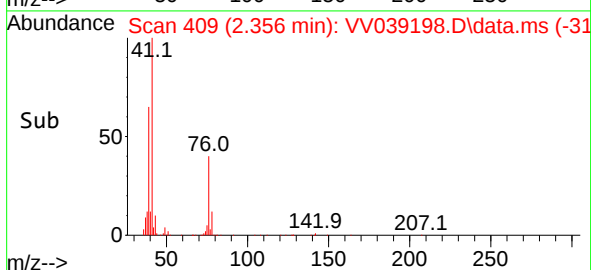
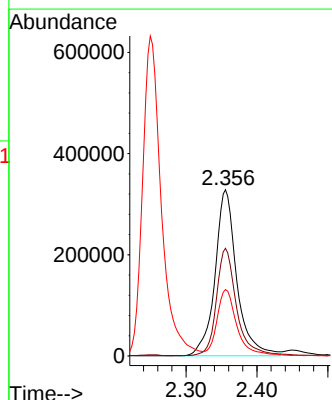
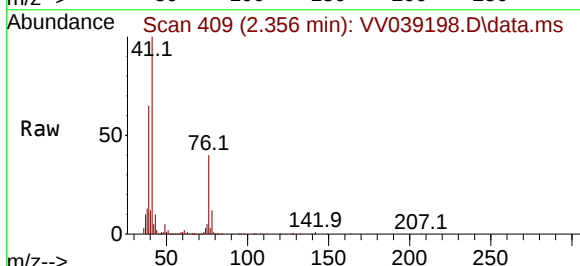
Tgt Ion: 41 Resp: 702274

Ion Ratio Lower Upper

41 100

39 59.6 51.0 76.6

76 36.0 28.2 42.4



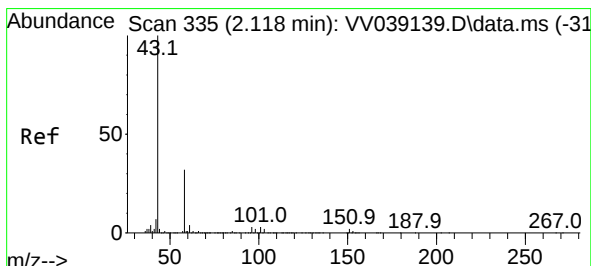
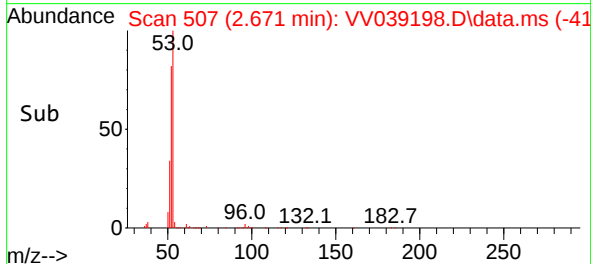
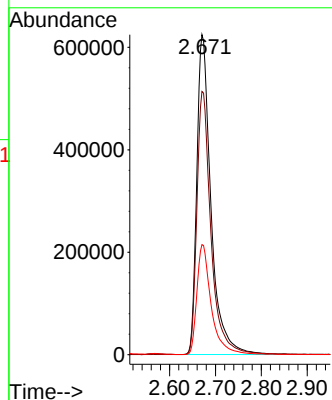
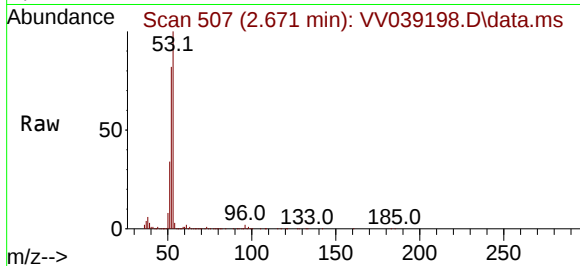


#15
Acrylonitrile
Concen: 241.006 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 1342967

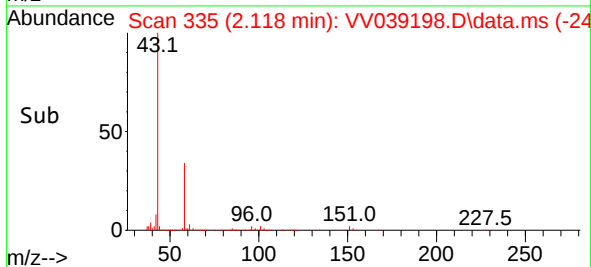
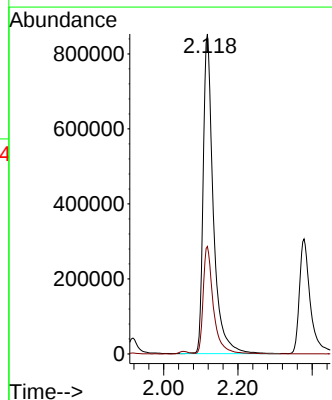
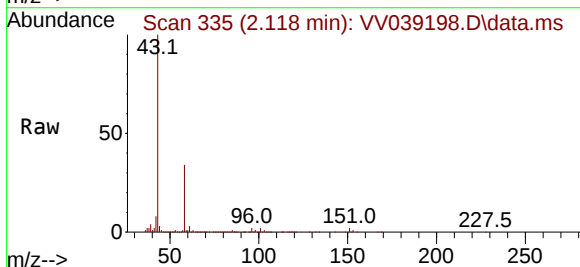
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	34.7	28.5	42.7



#16
Acetone
Concen: 325.476 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 43 Resp: 1614924

Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6

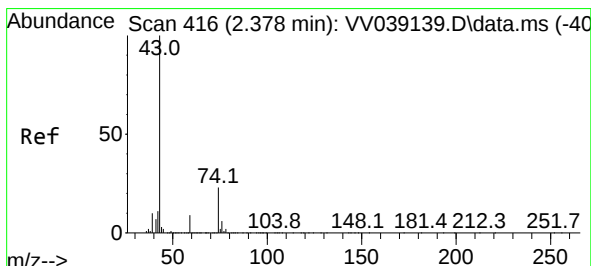
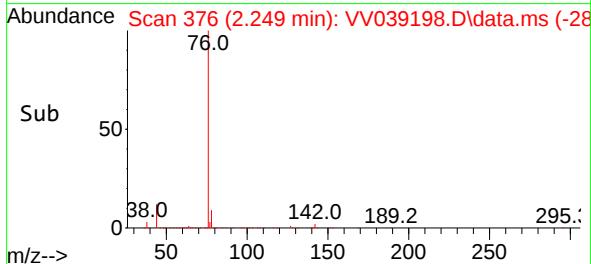
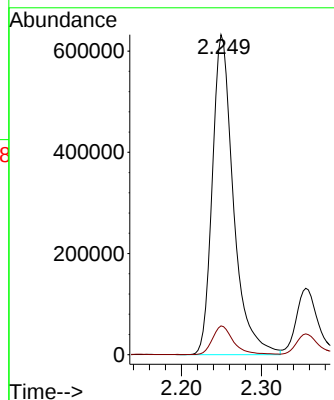
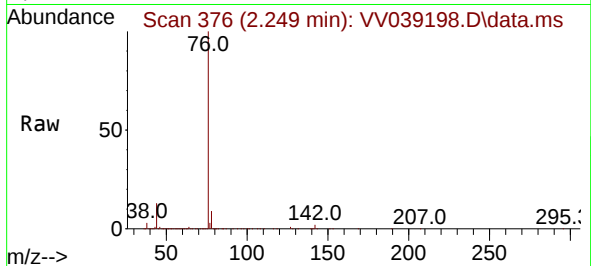




#17
Carbon Disulfide
Concen: 44.250 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

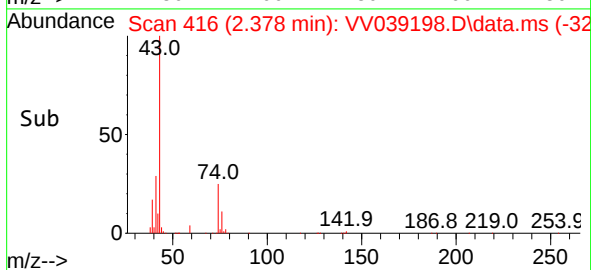
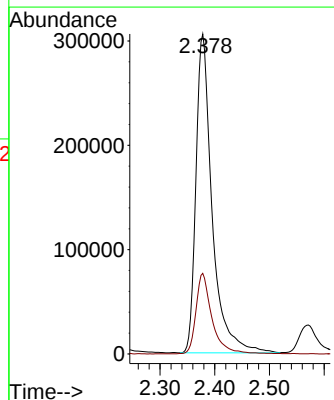
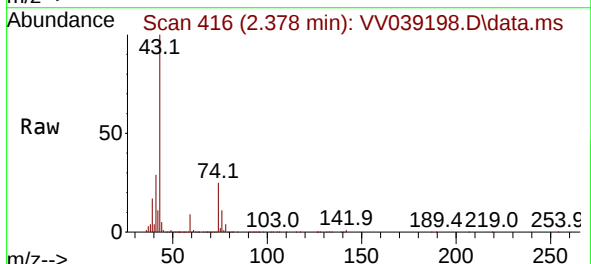
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 1159506
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 51.580 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 43 Resp: 628554
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8

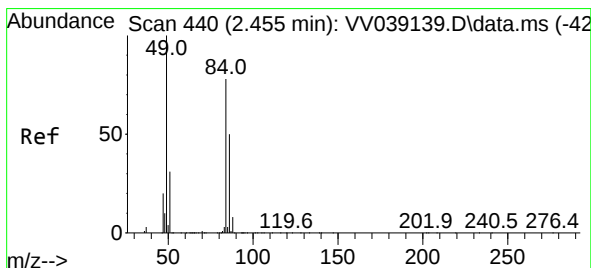
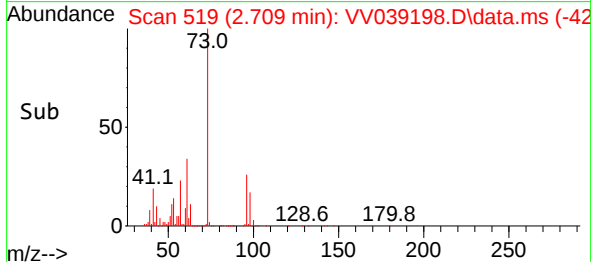
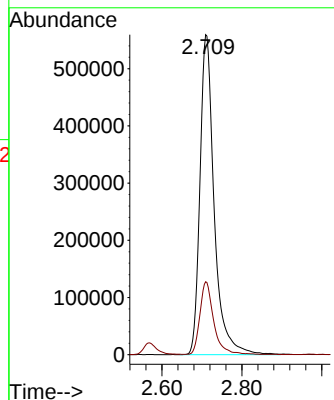
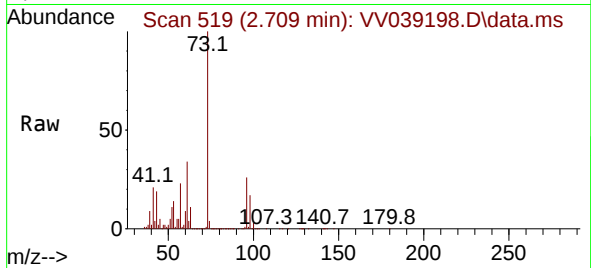




#19
Methyl tert-butyl Ether
Concen: 50.786 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

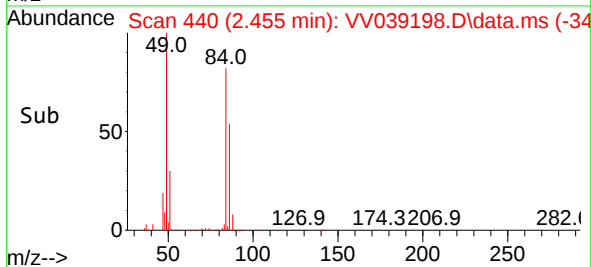
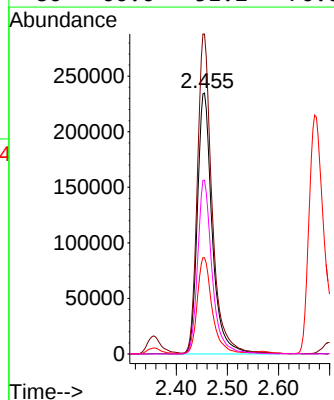
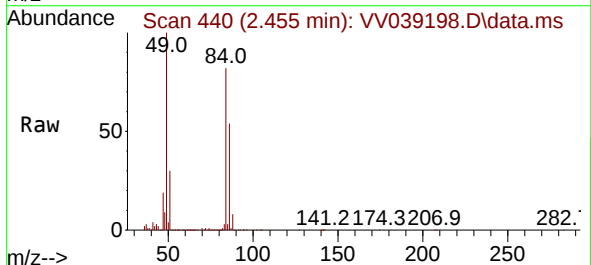
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

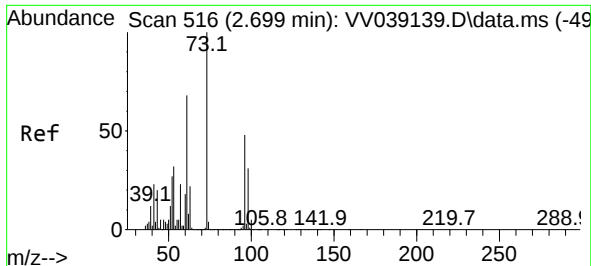
Tgt Ion: 73 Resp: 1386577
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 53.373 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 84 Resp: 472123
Ion Ratio Lower Upper
84 100
49 122.3 102.8 154.2
51 36.6 31.9 47.9
86 66.6 51.2 76.8

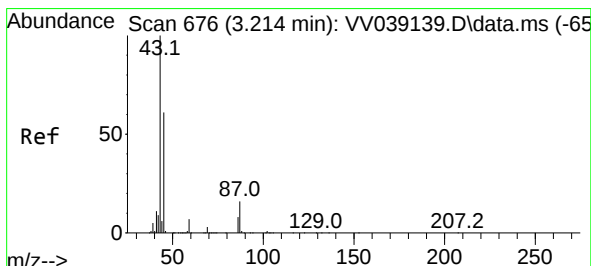
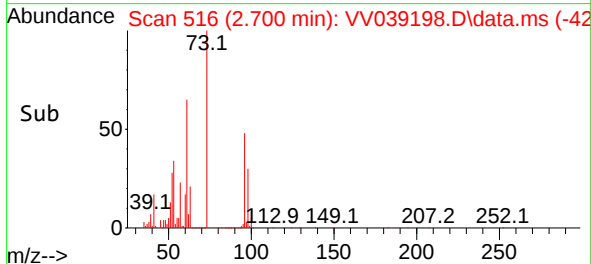
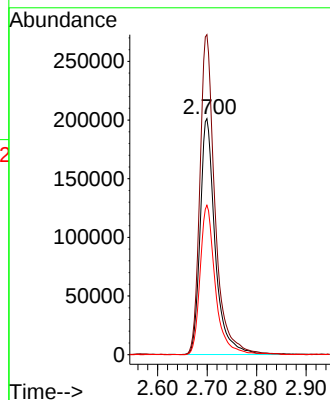
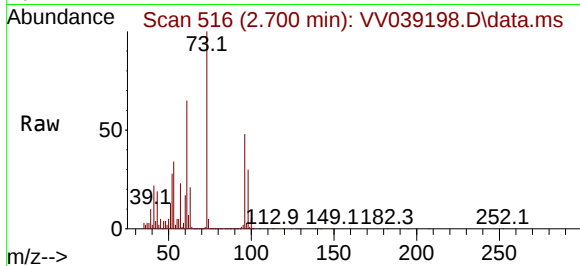




#21
trans-1,2-Dichloroethene
Concen: 46.707 ug/l
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

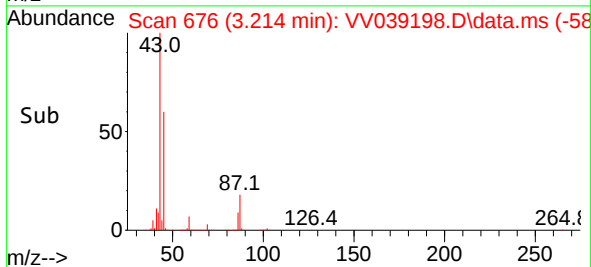
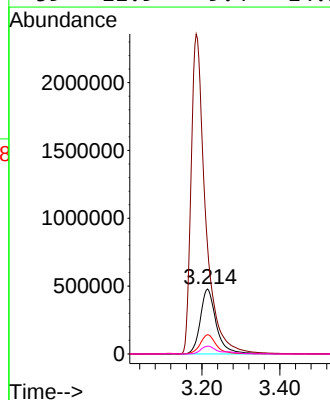
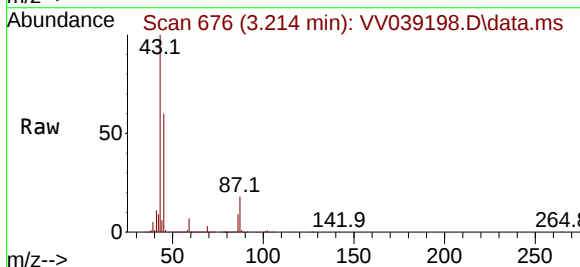
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 426028
Ion Ratio Lower Upper
96 100
61 135.6 112.8 169.2
98 63.4 51.1 76.7



#22
Diisopropyl ether
Concen: 46.500 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 45 Resp: 1361630
Ion Ratio Lower Upper
45 100
43 165.8 130.9 196.3
87 29.5 21.1 31.7
59 11.9 9.4 14.2

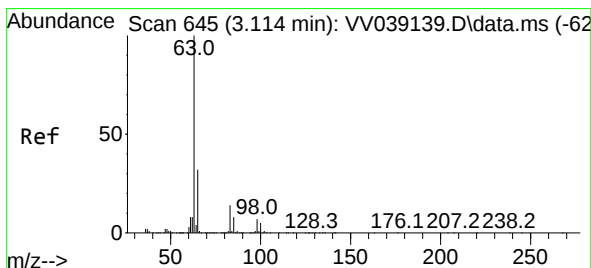
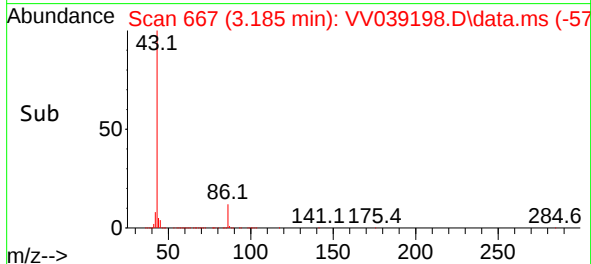
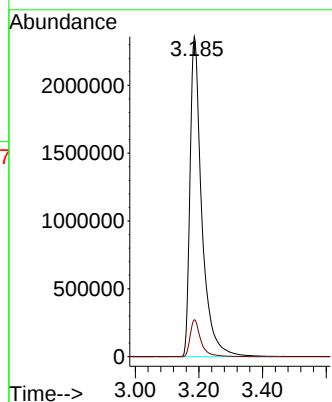
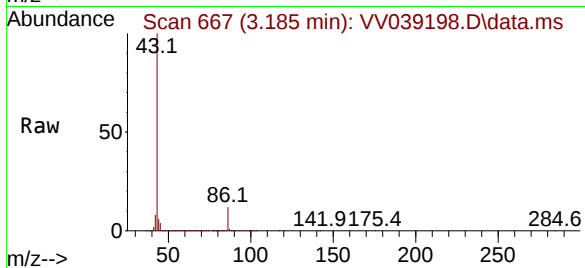




#23
 Vinyl Acetate
 Concen: 236.375 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VV039198.D
 Acq: 26 Sep 2025 09:20

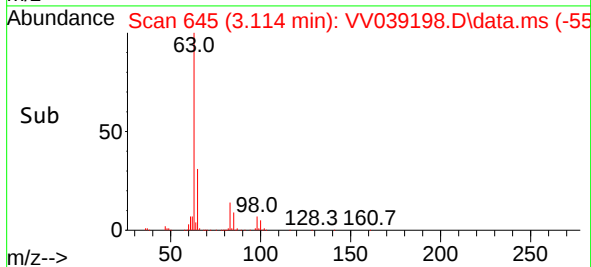
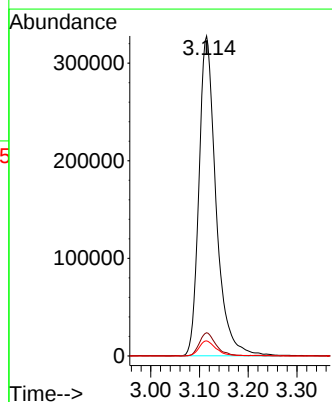
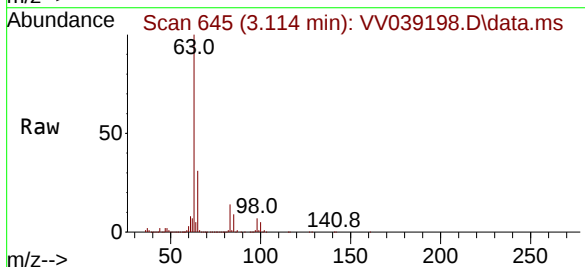
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

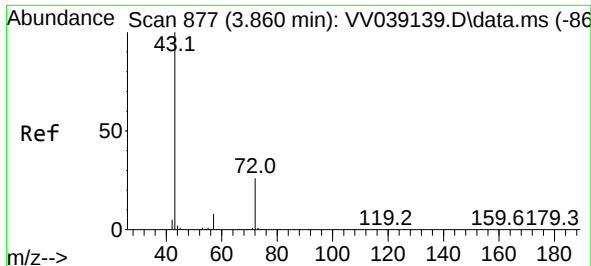
Tgt Ion: 43 Resp: 6054952
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 44.562 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV039198.D
 Acq: 26 Sep 2025 09:20

Tgt Ion: 63 Resp: 797976
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.7 2.2 6.6

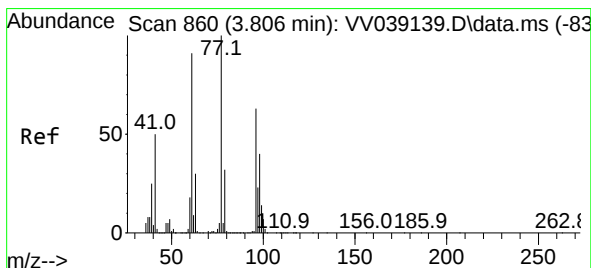
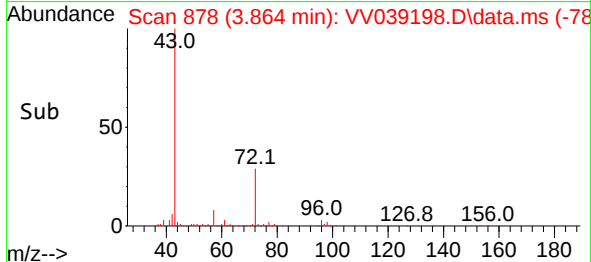
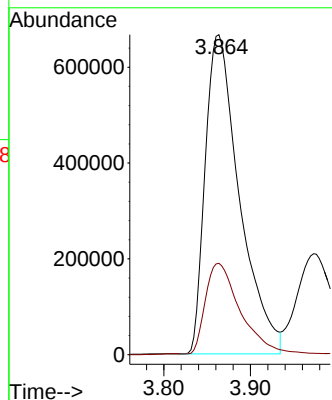
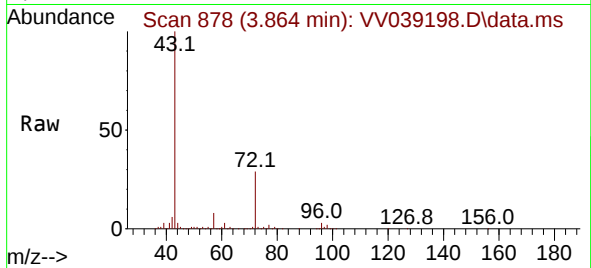




#25
2-Butanone
Concen: 278.360 ug/l
RT: 3.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

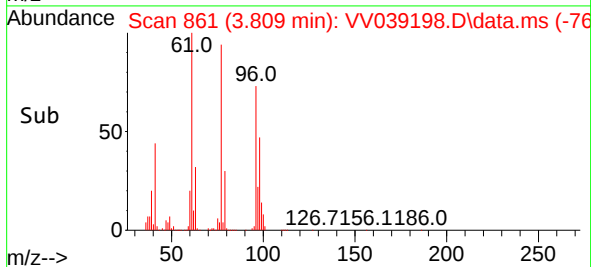
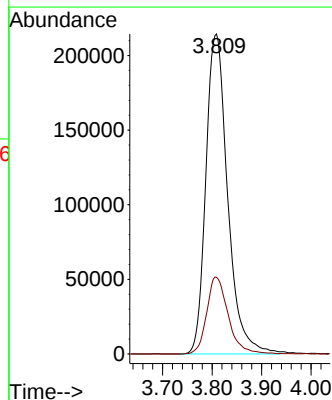
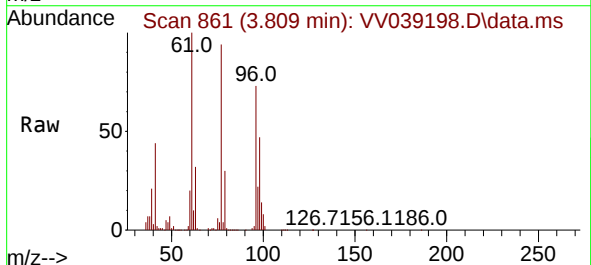
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1833262
Ion Ratio Lower Upper
43 100
72 28.3 21.0 31.6



#26
2,2-Dichloropropane
Concen: 41.232 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 77 Resp: 654670
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7

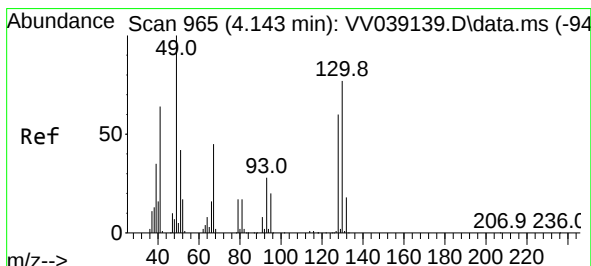
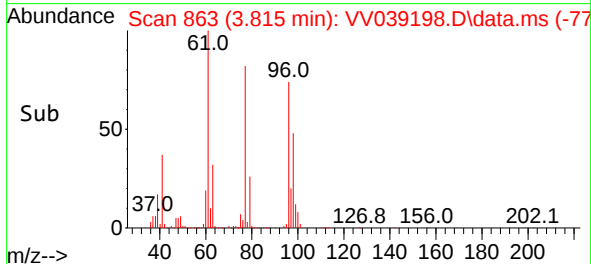
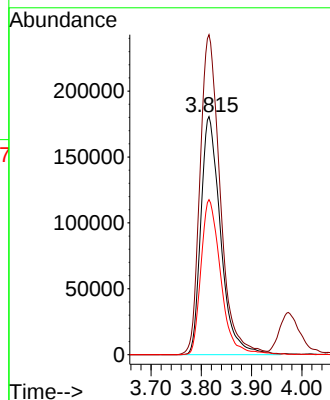
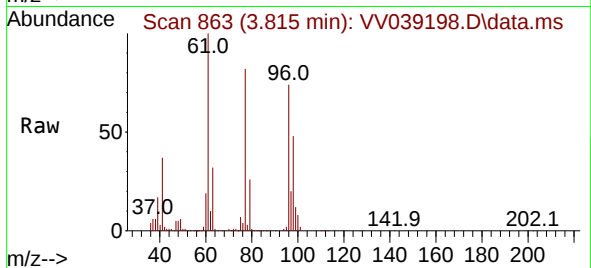




#27
 cis-1,2-Dichloroethene
 Concen: 48.927 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039198.D
 Acq: 26 Sep 2025 09:20

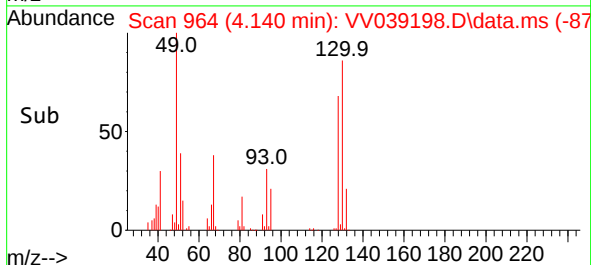
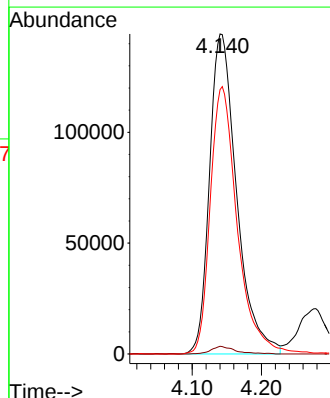
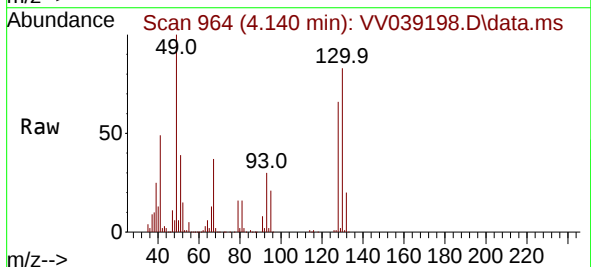
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

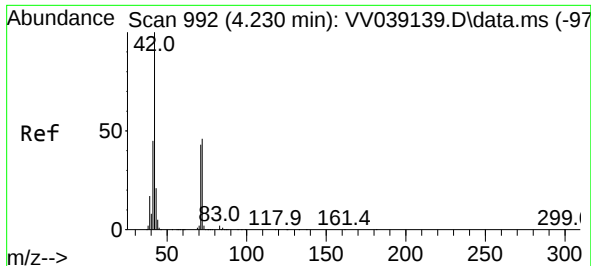
Tgt Ion: 96 Resp: 492190
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 286.4
 98 65.2 0.0 126.6



#28
 Bromochloromethane
 Concen: 49.825 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV039198.D
 Acq: 26 Sep 2025 09:20

Tgt Ion: 49 Resp: 393882
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.0 60.2 90.2

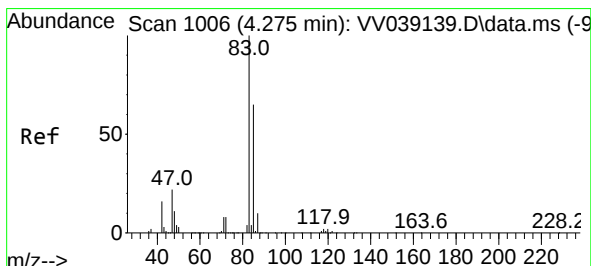
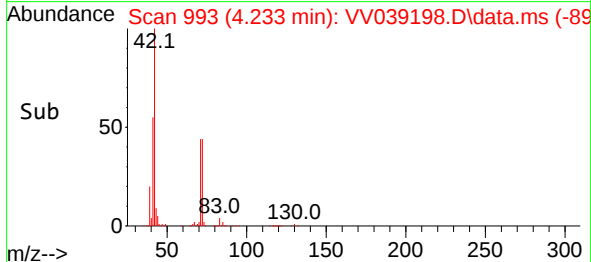
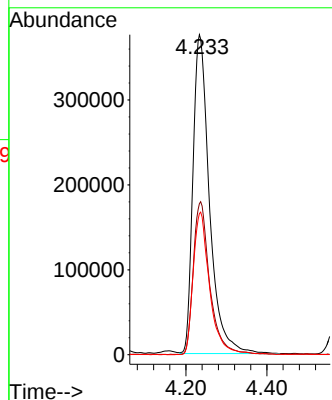
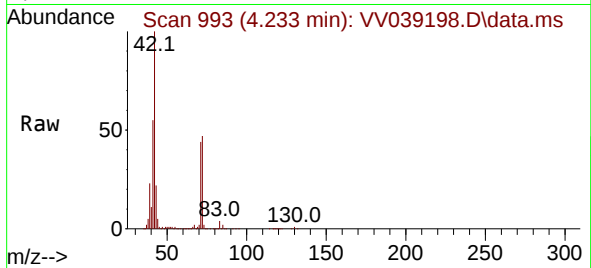




#29
Tetrahydrofuran
Concen: 257.902 ug/l
RT: 4.233 min Scan# 992
Delta R.T. 0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

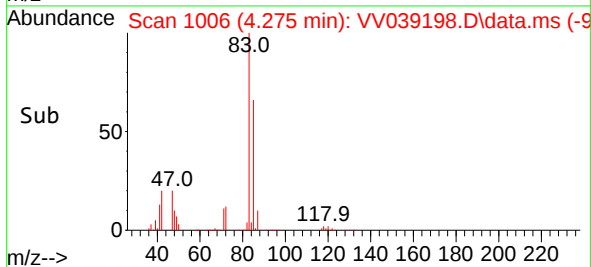
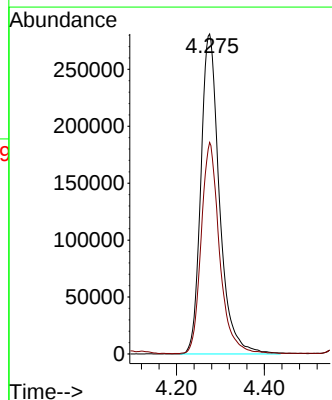
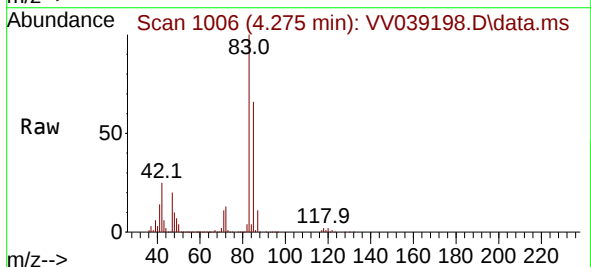
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

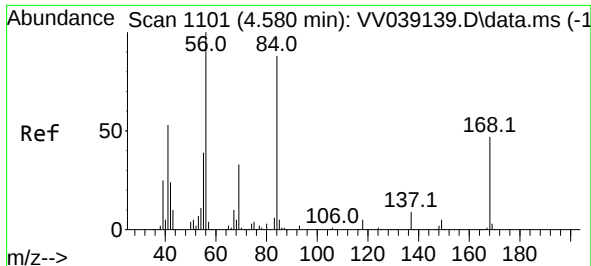
Tgt Ion: 42 Resp: 1063152
Ion Ratio Lower Upper
42 100
72 47.6 36.3 54.5
71 44.2 34.3 51.5



#30
Chloroform
Concen: 44.235 ug/l
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 83 Resp: 827141
Ion Ratio Lower Upper
83 100
85 65.9 52.1 78.1

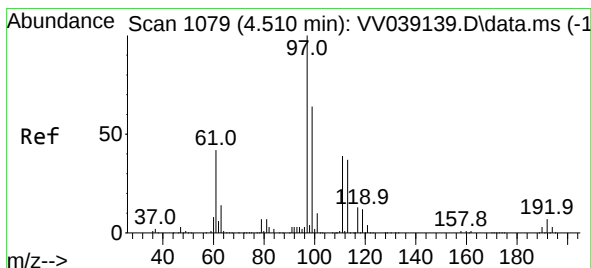
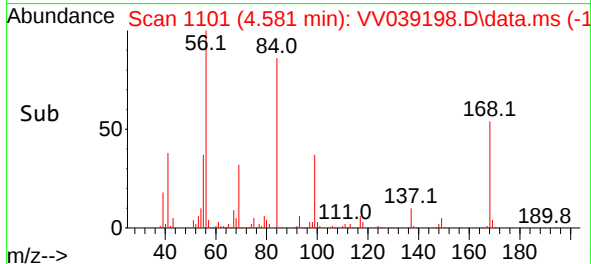
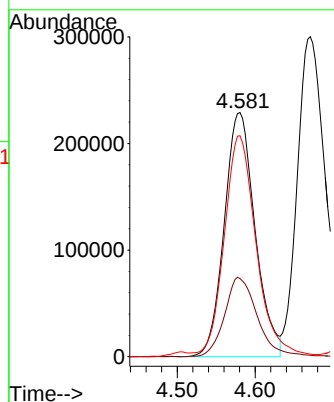
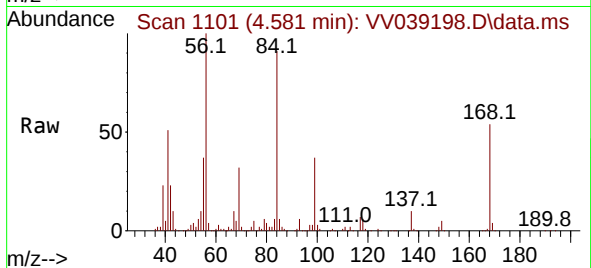




#31
Cyclohexane
Concen: 42.889 ug/l
RT: 4.581 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

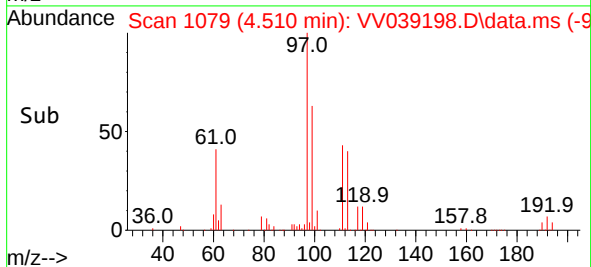
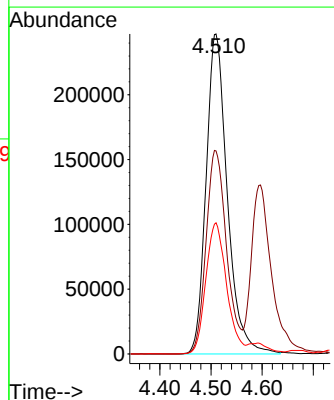
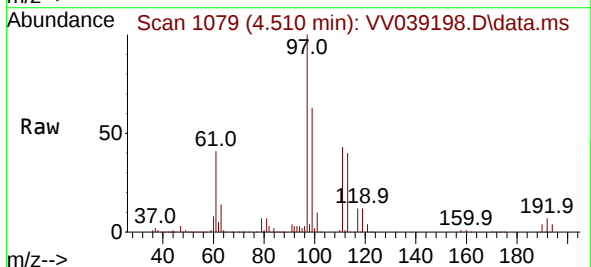
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

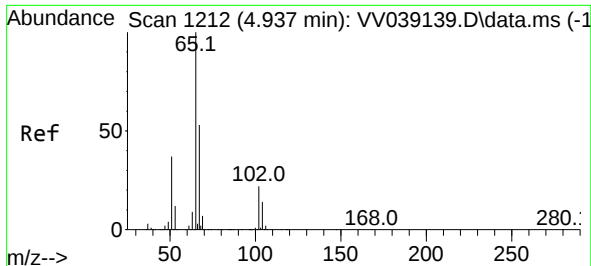
Tgt Ion: 56 Resp: 629144
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.2
84 88.6 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 44.086 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 97 Resp: 713673
Ion Ratio Lower Upper
97 100
99 61.5 49.6 74.4
61 40.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.473 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

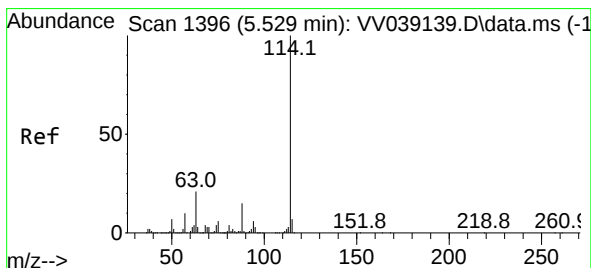
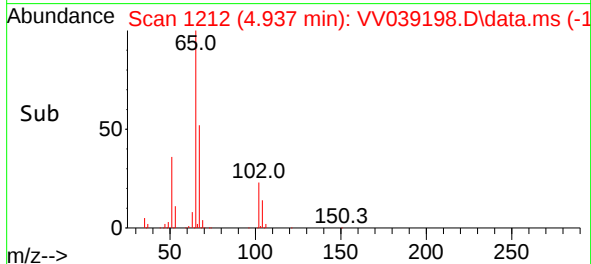
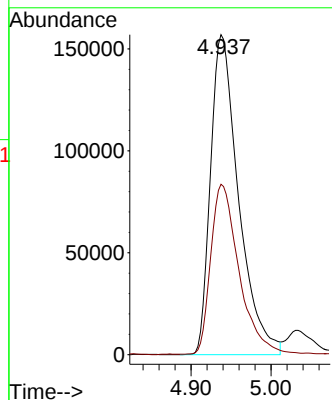
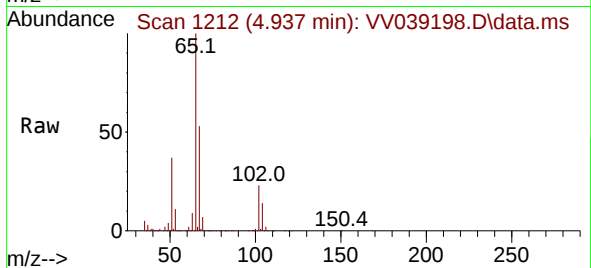
VSTDCCC050

Tgt Ion: 65 Resp: 382222

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

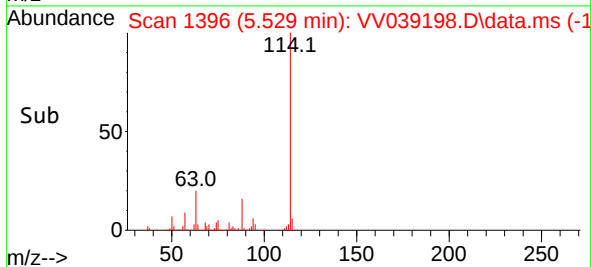
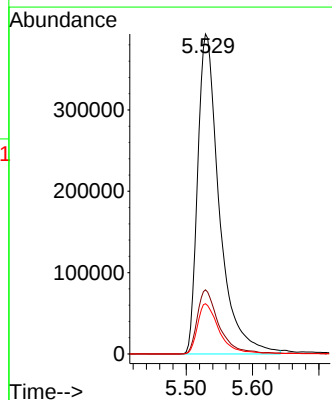
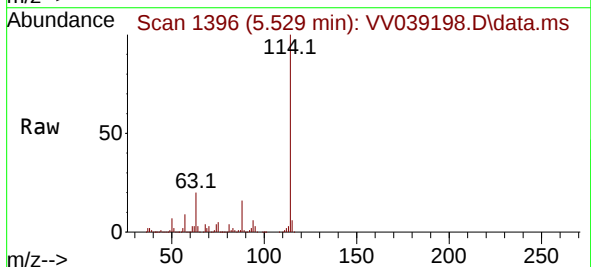
Tgt Ion: 114 Resp: 890856

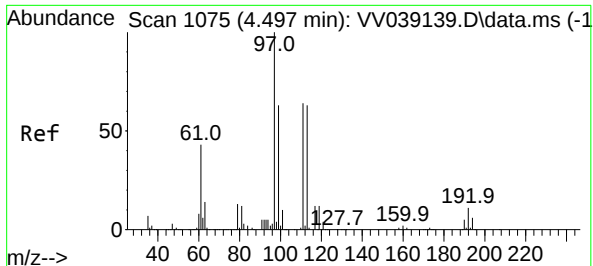
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.7 0.0 30.8

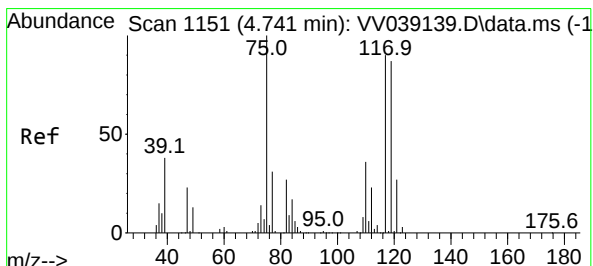
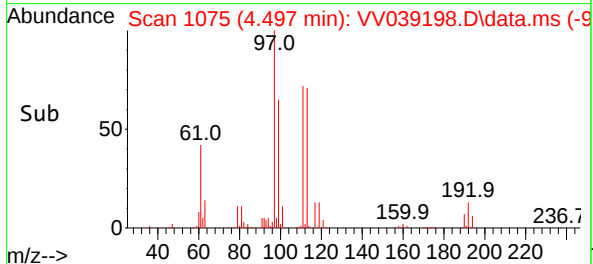
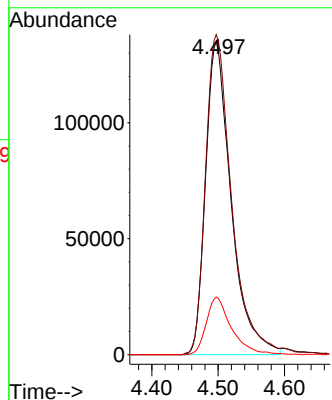
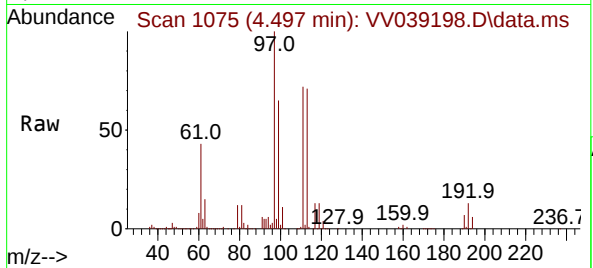




#35
Dibromofluoromethane
Concen: 50.482 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

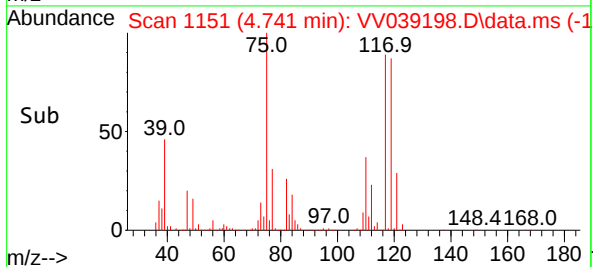
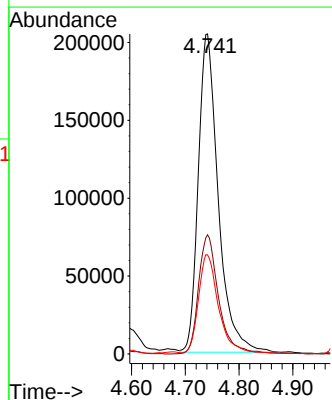
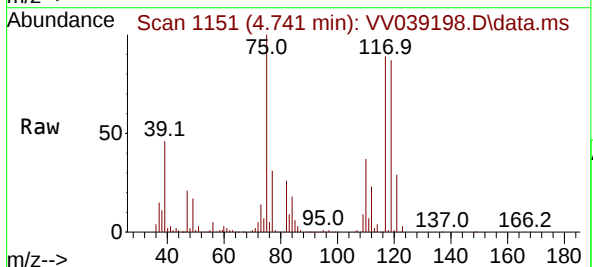
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

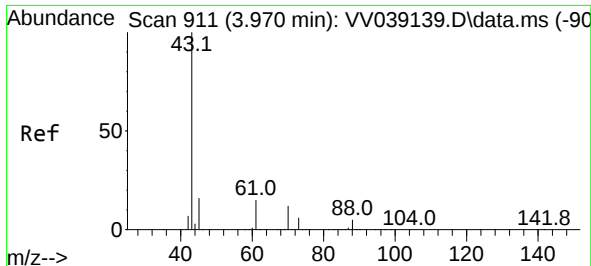
Tgt Ion:113 Resp: 361542
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 18.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 48.754 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 75 Resp: 527907
Ion Ratio Lower Upper
75 100
110 37.7 18.1 54.1
77 31.2 24.8 37.2

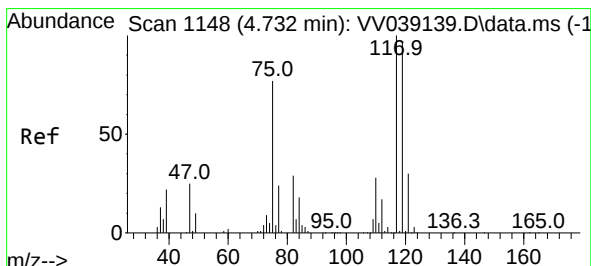
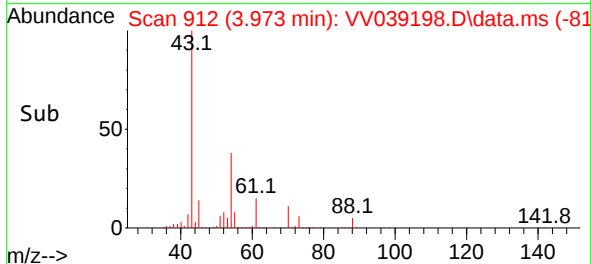
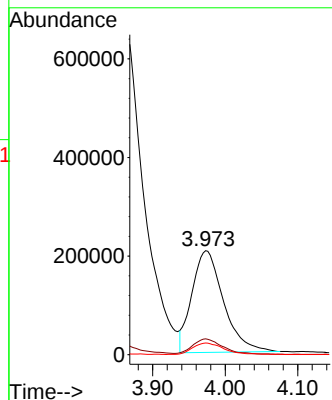
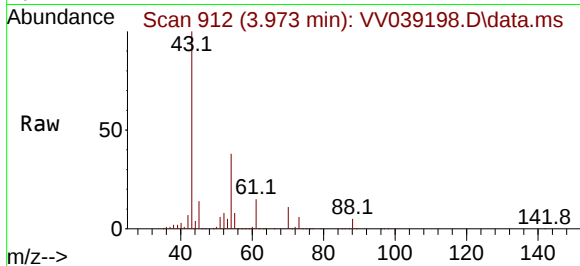




#37
Ethyl Acetate
Concen: 47.654 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

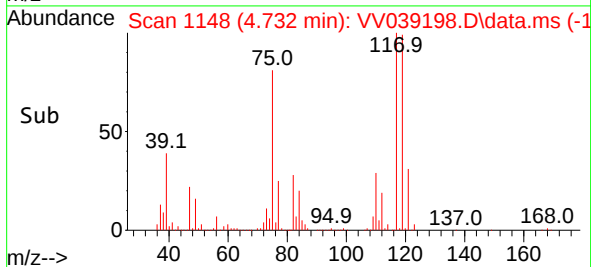
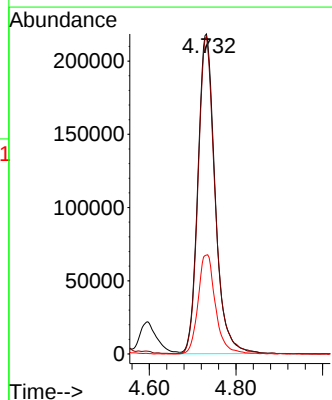
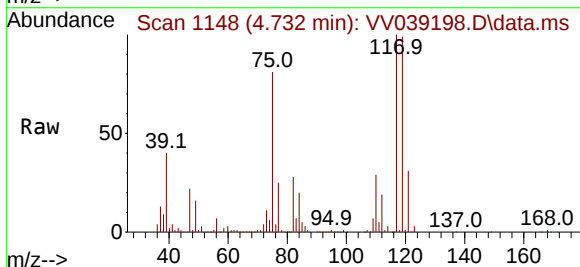
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

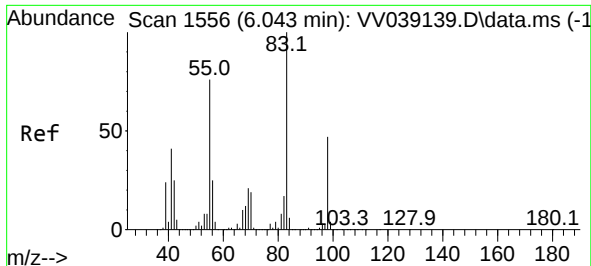
Tgt Ion: 43 Resp: 626124
Ion Ratio Lower Upper
43 100
61 14.8 10.3 15.5
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 45.581 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 117 Resp: 603195
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 30.9 24.2 36.2

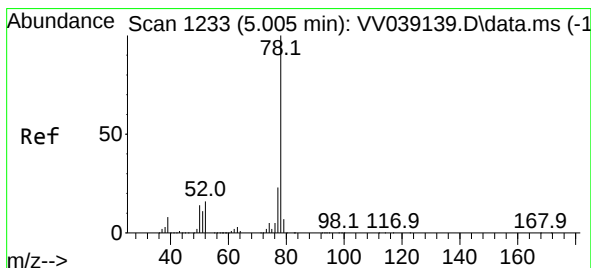
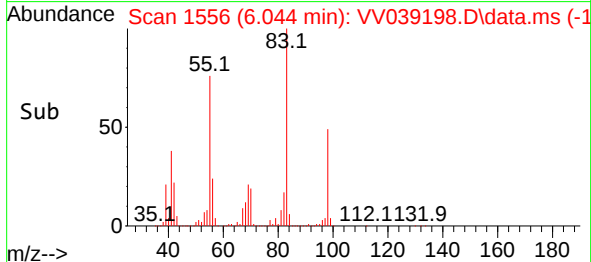
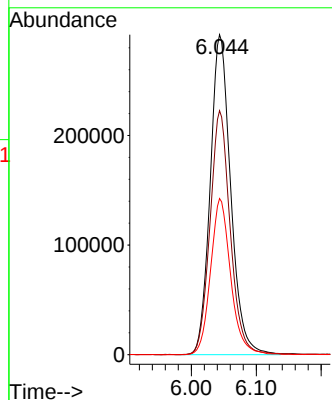
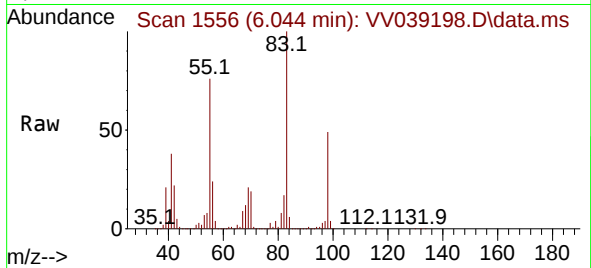




#39
Methylcyclohexane
Concen: 48.939 ug/l
RT: 6.044 min Scan# 11
Delta R.T. 0.001 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

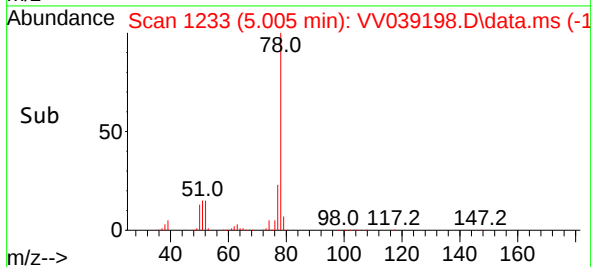
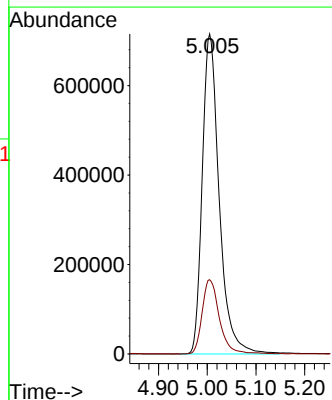
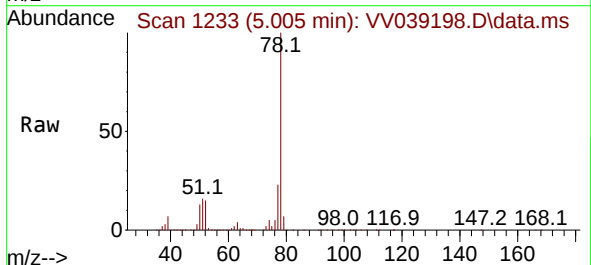
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

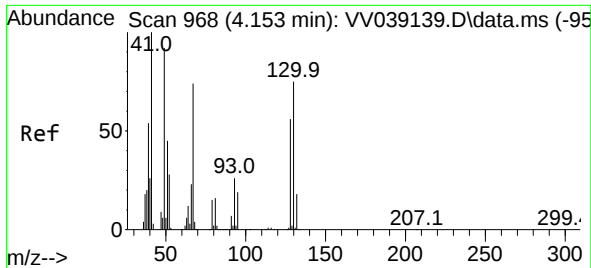
Tgt Ion: 83 Resp: 639925
Ion Ratio Lower Upper
83 100
55 76.2 60.5 90.7
98 48.8 37.8 56.6



#40
Benzene
Concen: 48.985 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 78 Resp: 1727192
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1



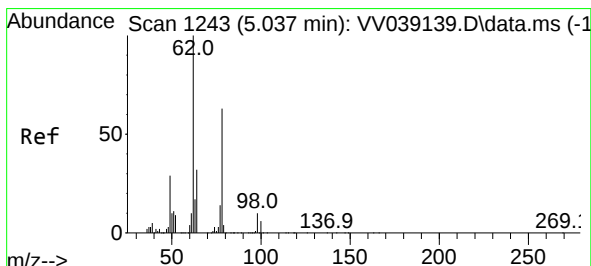
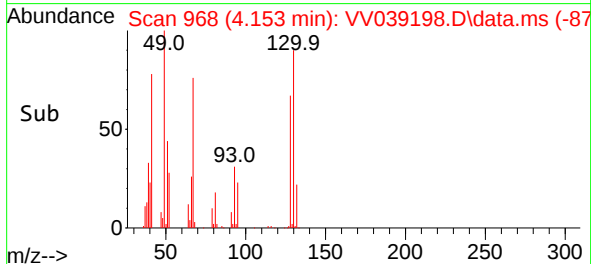
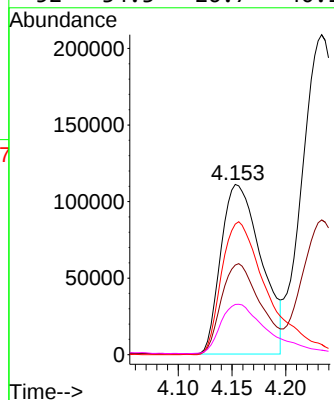
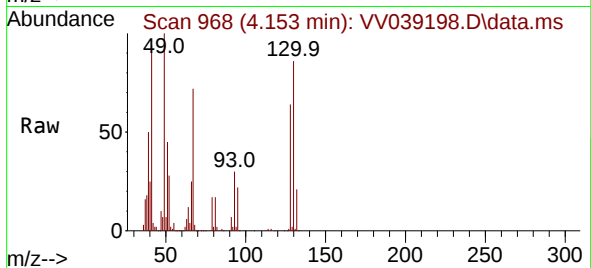


#41
Methacrylonitrile
Concen: 48.677 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 288855

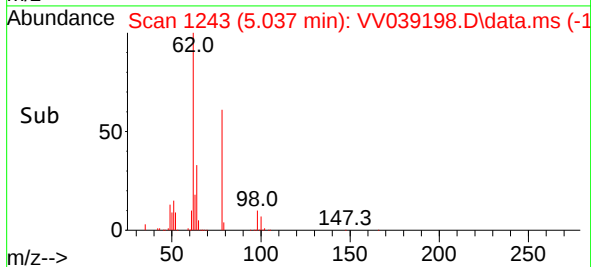
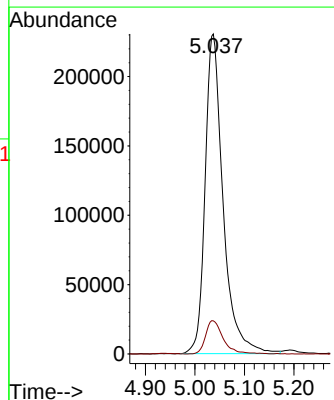
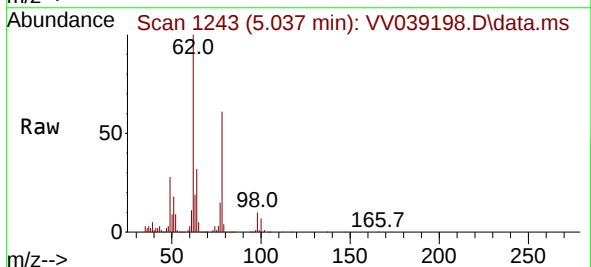
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	92.0	67.9	101.9
52	34.3	26.7	40.1



#42
1,2-Dichloroethane
Concen: 47.000 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 62 Resp: 580659

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 52.745 ug/l

RT: 5.191 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

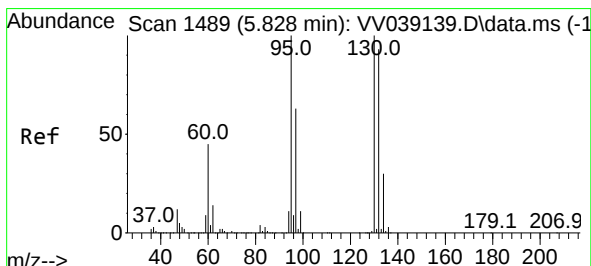
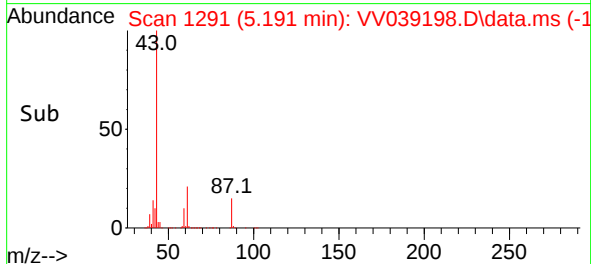
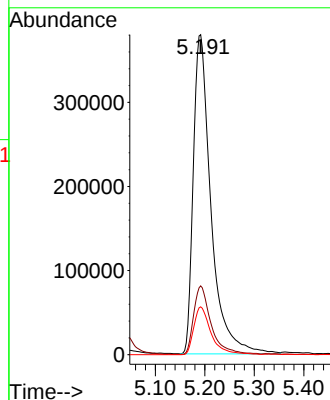
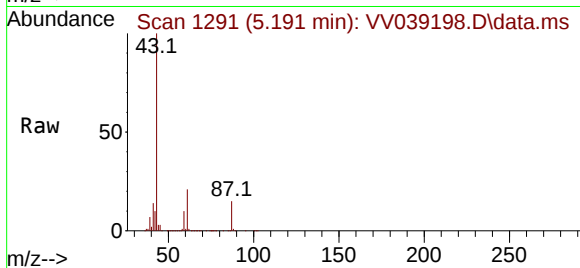
Tgt Ion: 43 Resp: 944896

Ion Ratio Lower Upper

43 100

61 21.1 15.9 23.9

87 14.7 11.0 16.6



#44

Trichloroethene

Concen: 51.312 ug/l

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV039198.D

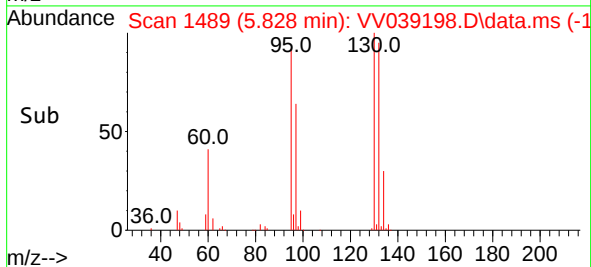
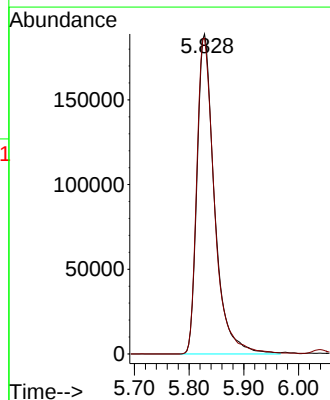
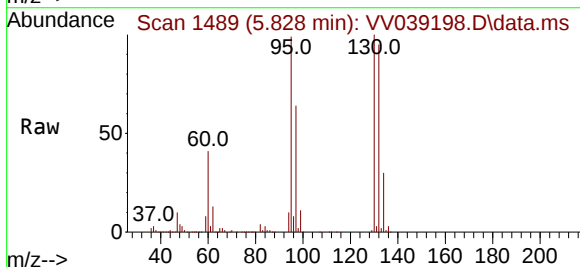
Acq: 26 Sep 2025 09:20

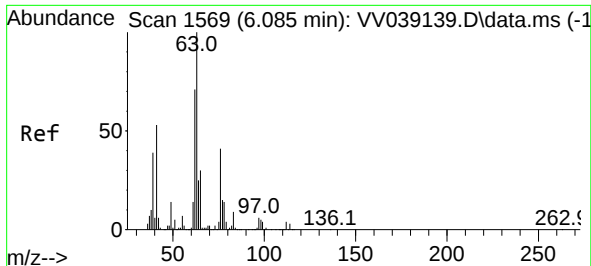
Tgt Ion:130 Resp: 417489

Ion Ratio Lower Upper

130 100

95 98.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 50.116 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

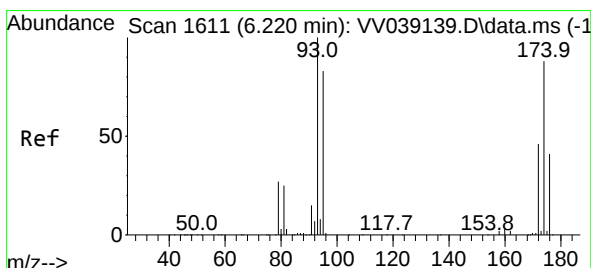
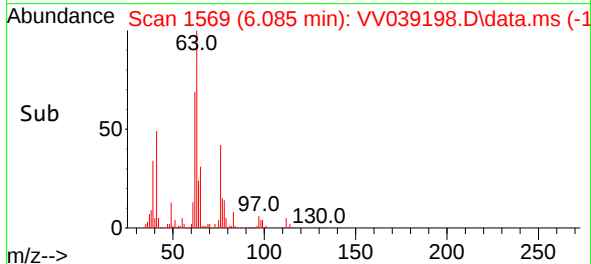
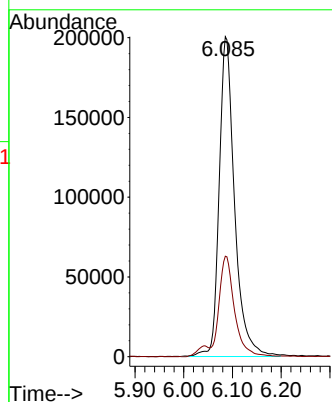
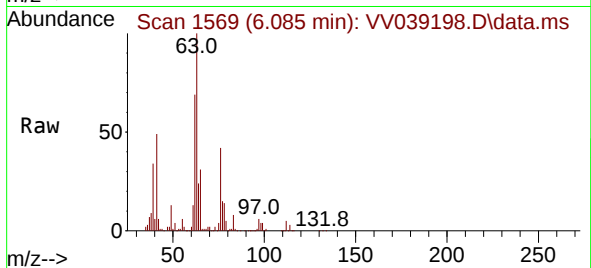
VSTDCCC050

Tgt Ion: 63 Resp: 439219

Ion Ratio Lower Upper

63 100

65 31.4 23.7 35.5



#46

Dibromomethane

Concen: 50.160 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

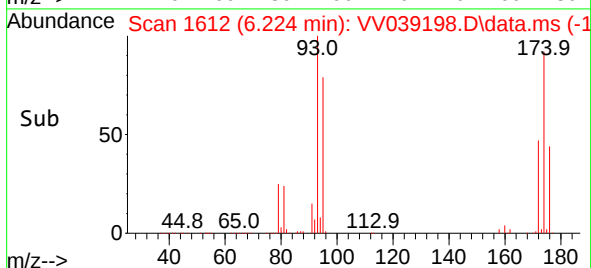
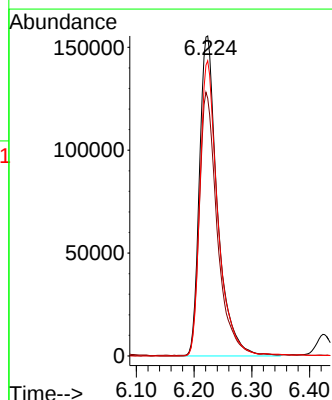
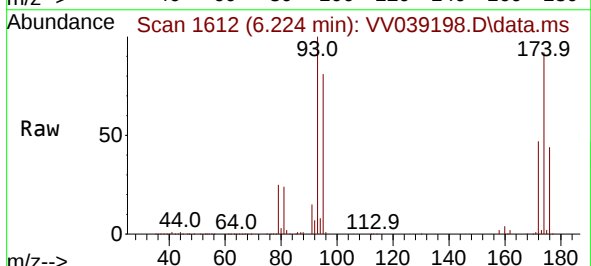
Tgt Ion: 93 Resp: 336464

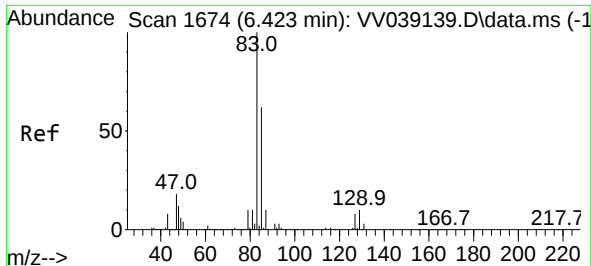
Ion Ratio Lower Upper

93 100

95 81.2 65.5 98.3

174 91.5 69.0 103.4

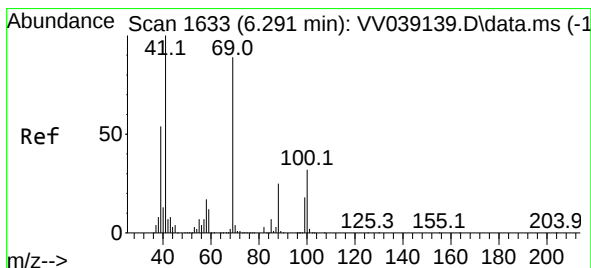
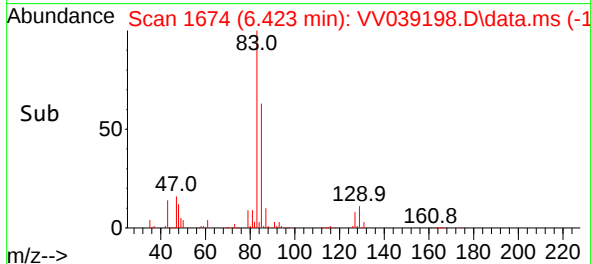
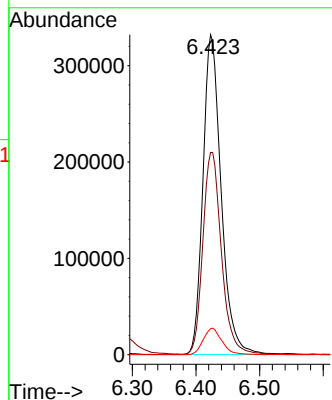
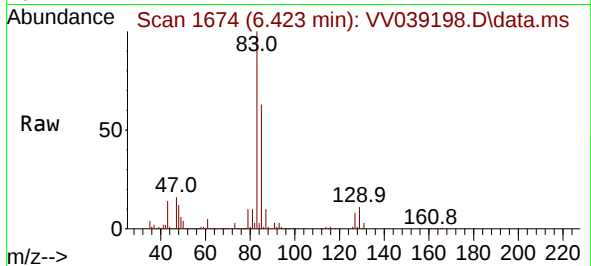




#47
Bromodichloromethane
Concen: 47.672 ug/l
RT: 6.423 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

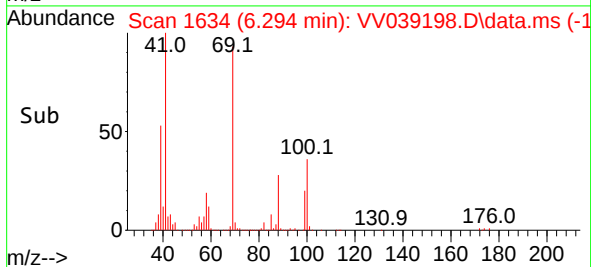
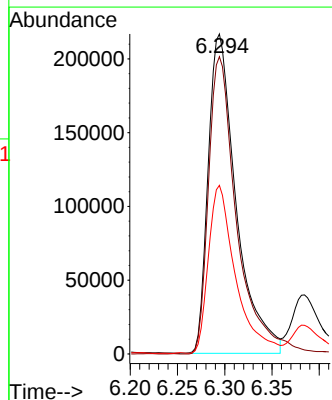
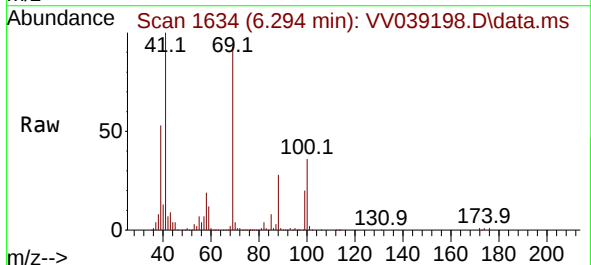
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

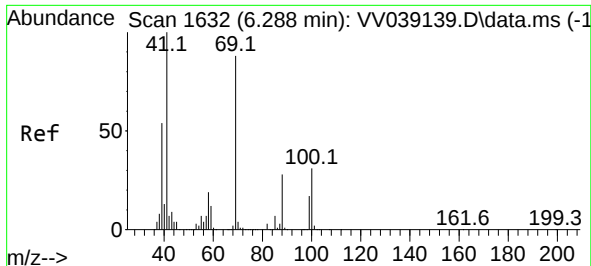
Tgt Ion: 83 Resp: 661080
Ion Ratio Lower Upper
83 100
85 63.0 49.7 74.5
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 54.936 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 41 Resp: 446114
Ion Ratio Lower Upper
41 100
69 94.8 72.4 108.6
39 50.8 42.5 63.7





#49

1,4-Dioxane

Concen: 1229.438 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

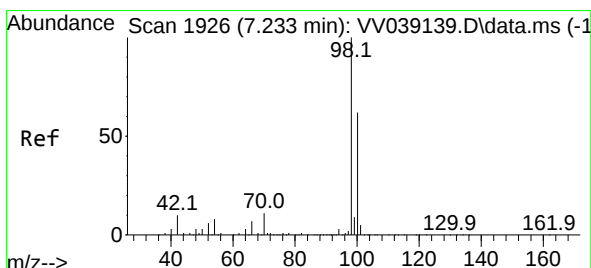
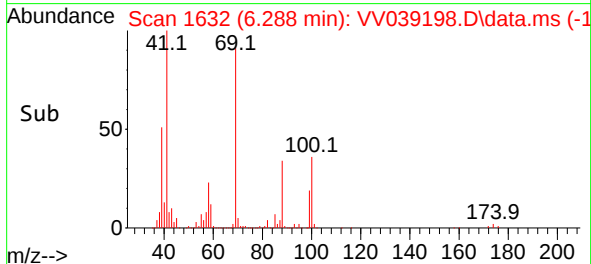
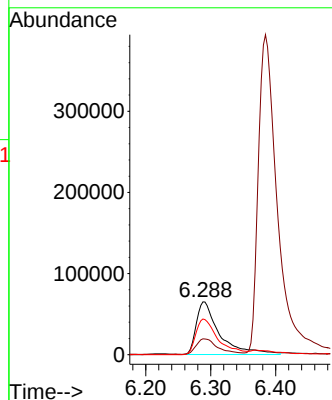
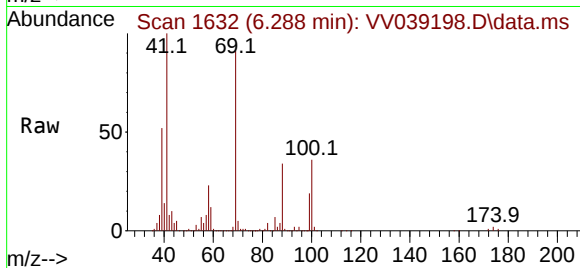
Tgt Ion: 88 Resp: 161118

Ion Ratio Lower Upper

88 100

43 27.4 25.1 37.7

58 65.2 53.6 80.4



#50

Toluene-d8

Concen: 50.021 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV039198.D

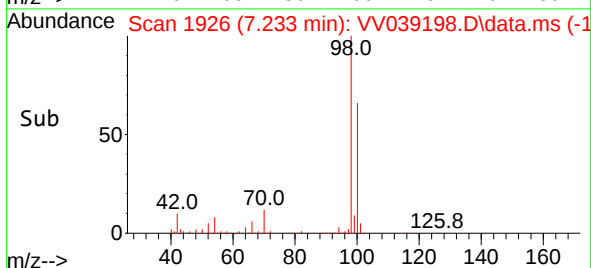
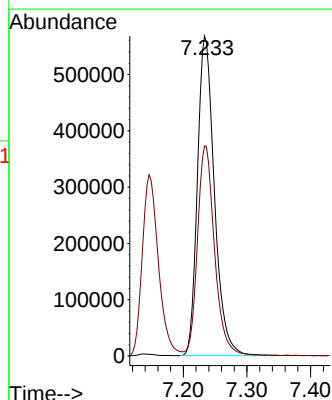
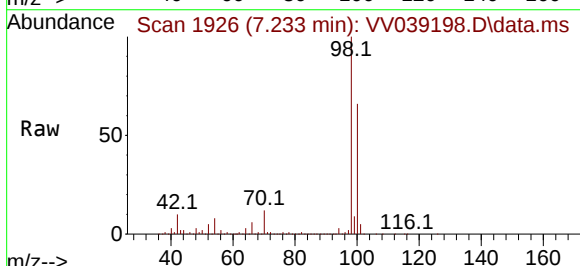
Acq: 26 Sep 2025 09:20

Tgt Ion: 98 Resp: 1052144

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 273.983 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

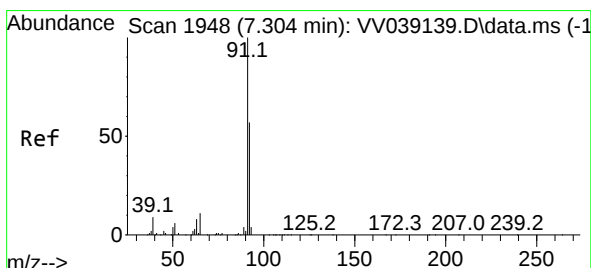
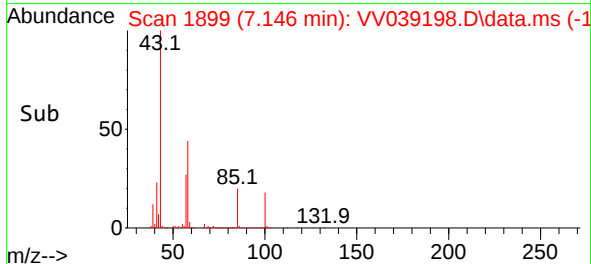
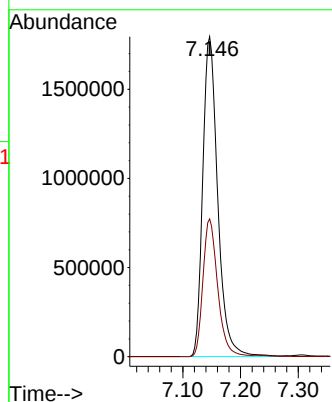
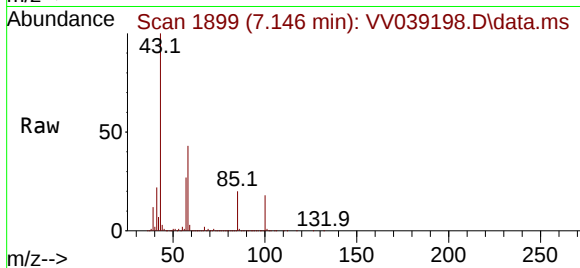
VSTDCCC050

Tgt Ion: 43 Resp: 3229046

Ion Ratio Lower Upper

43 100

58 42.4 32.3 48.5



#52

Toluene

Concen: 52.600 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039198.D

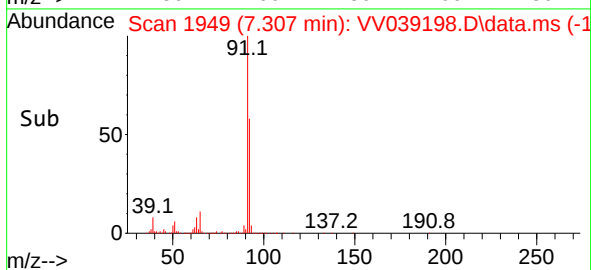
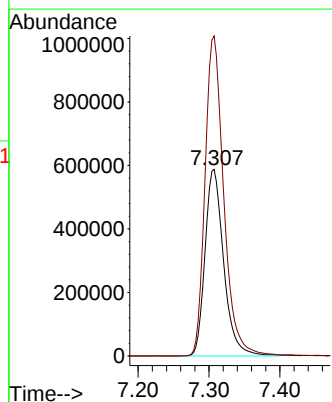
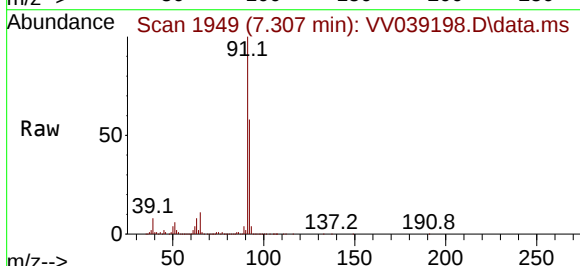
Acq: 26 Sep 2025 09:20

Tgt Ion: 92 Resp: 1075327

Ion Ratio Lower Upper

92 100

91 171.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.120 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

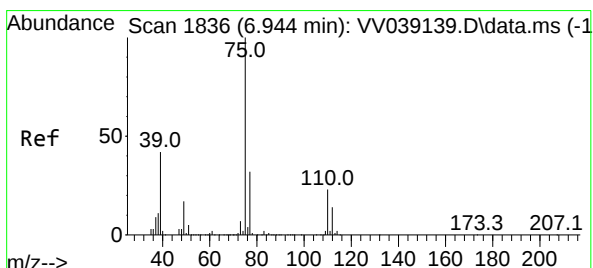
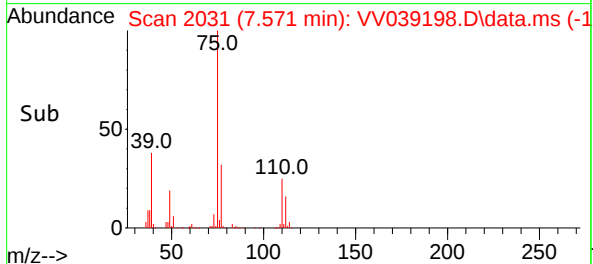
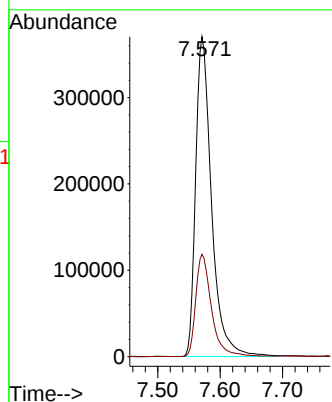
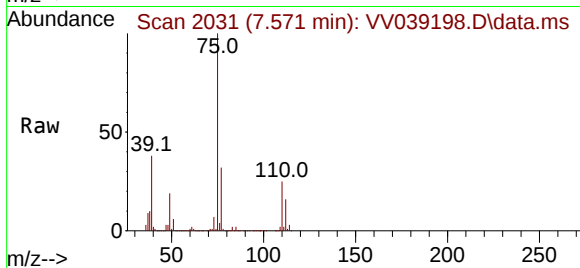
VSTDCCC050

Tgt Ion: 75 Resp: 654044

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 53.795 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

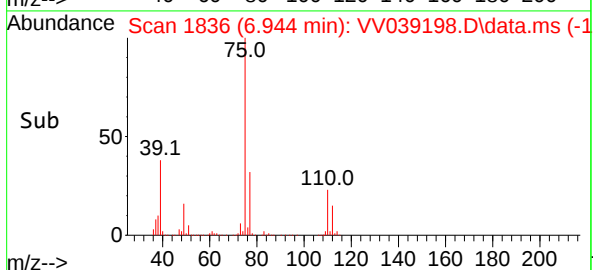
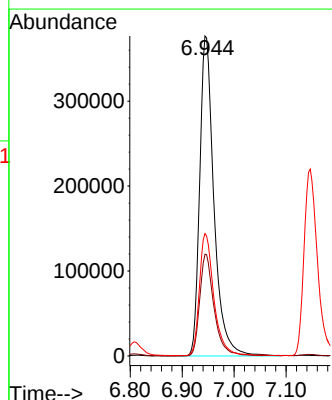
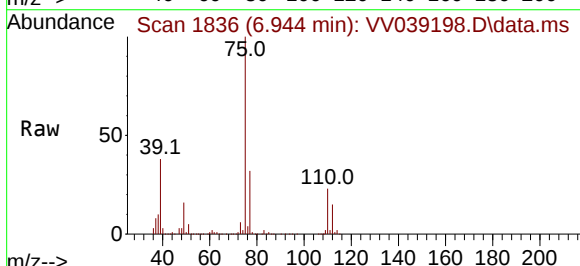
Tgt Ion: 75 Resp: 717693

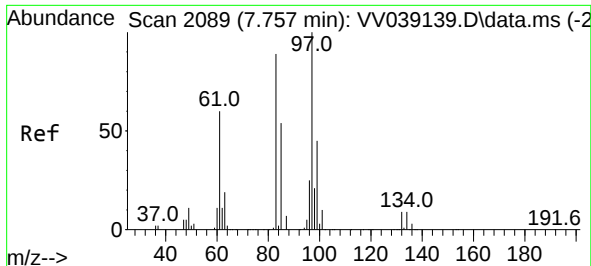
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 38.2 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 49.741 ug/l

RT: 7.757 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 455956

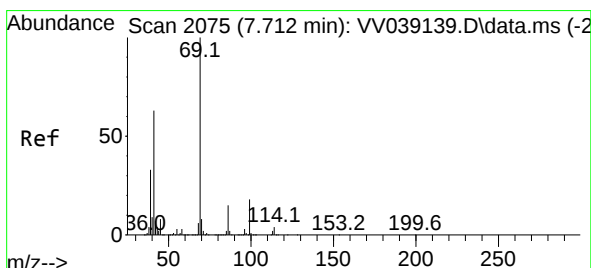
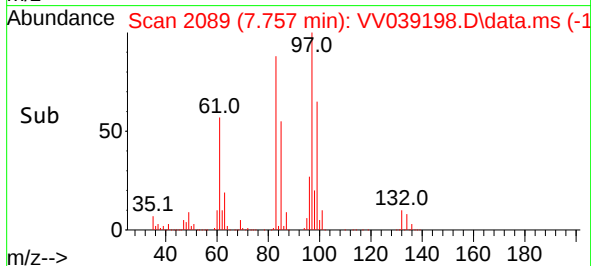
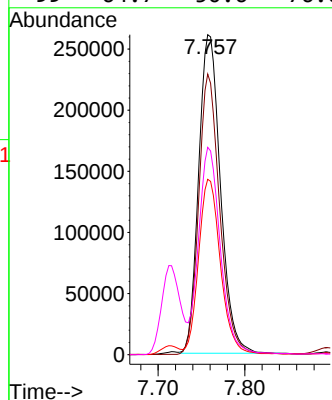
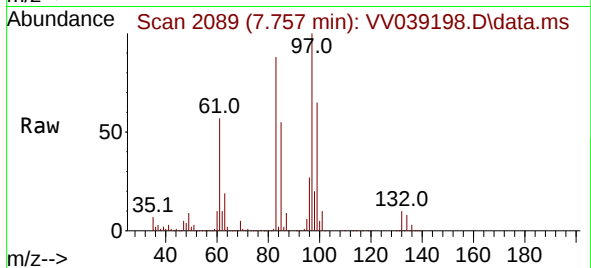
Ion Ratio Lower Upper

97 100

83 87.8 71.1 106.7

85 54.8 44.6 67.0

99 64.7 50.6 76.0



#56

Ethyl methacrylate

Concen: 60.567 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

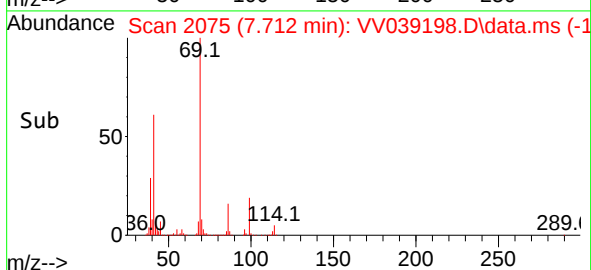
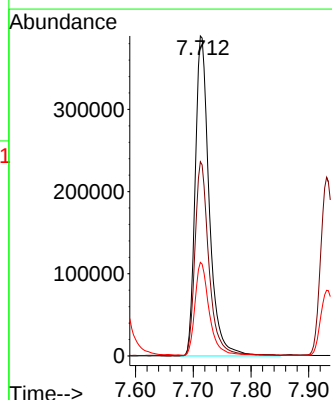
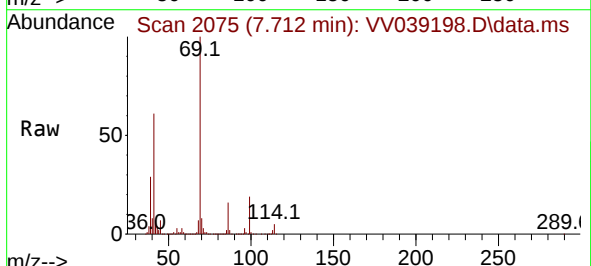
Tgt Ion: 69 Resp: 659328

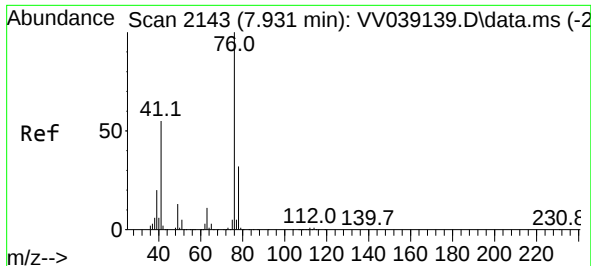
Ion Ratio Lower Upper

69 100

41 60.5 50.7 76.1

39 29.3 26.0 39.0





#57

1,3-Dichloropropane

Concen: 51.050 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

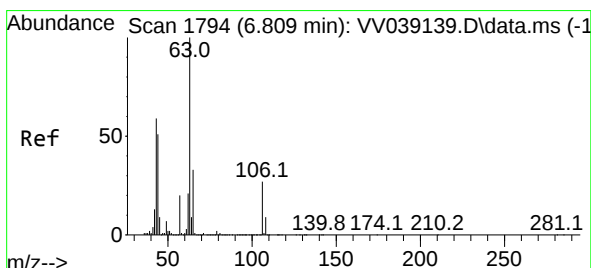
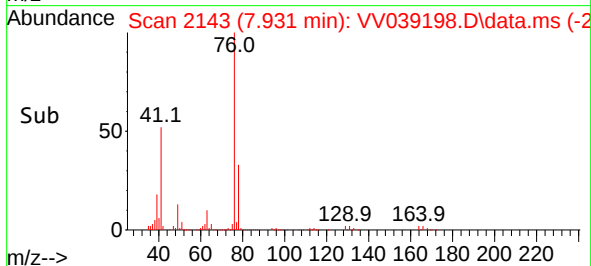
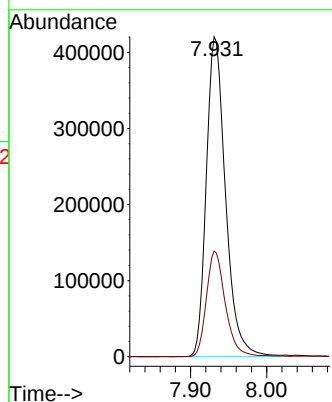
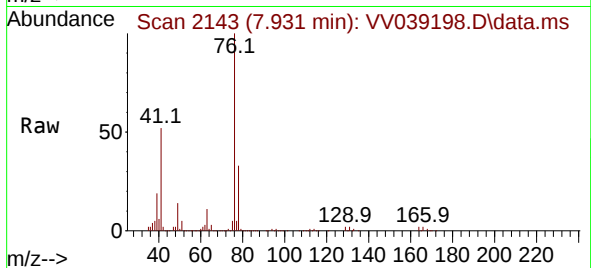
VSTDCCC050

Tgt Ion: 76 Resp: 738511

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 257.371 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039198.D

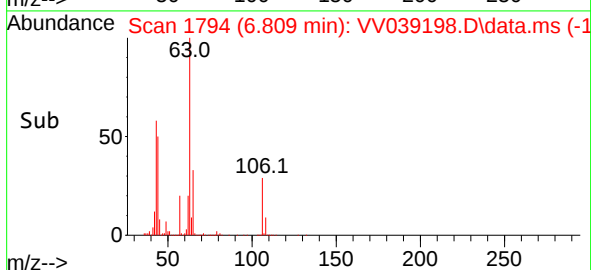
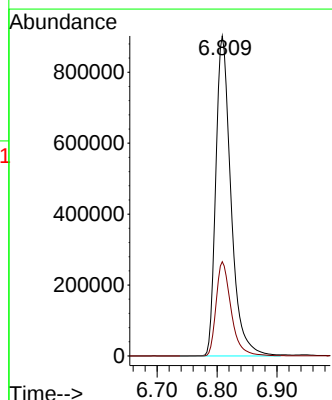
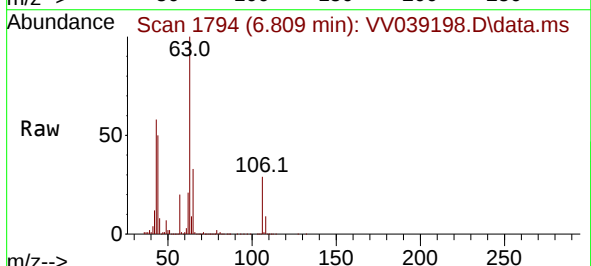
Acq: 26 Sep 2025 09:20

Tgt Ion: 63 Resp: 1583796

Ion Ratio Lower Upper

63 100

106 29.1 22.1 33.1

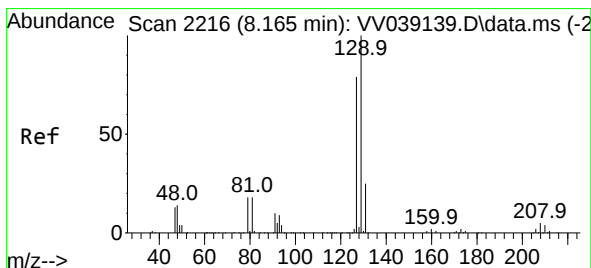
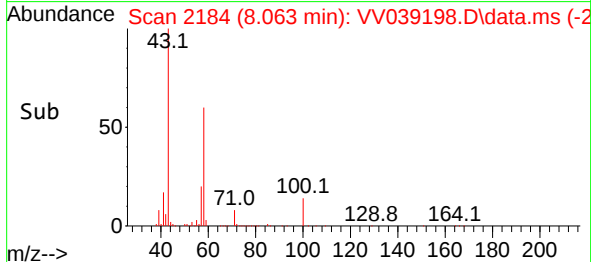
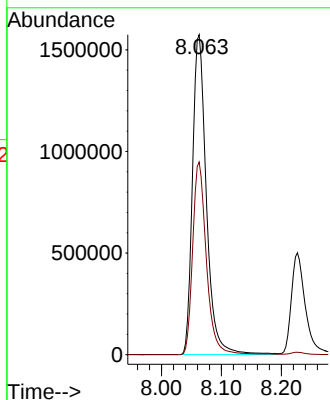
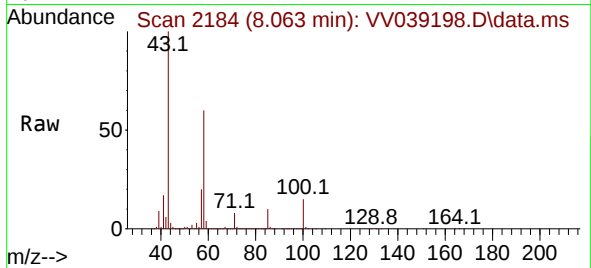




#59
2-Hexanone
Concen: 266.941 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

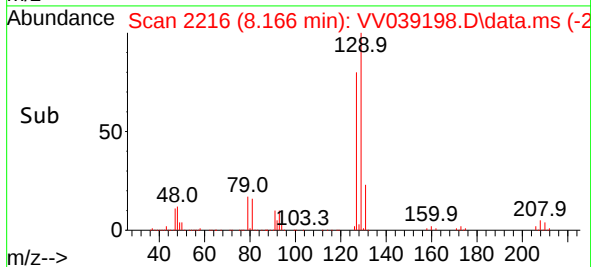
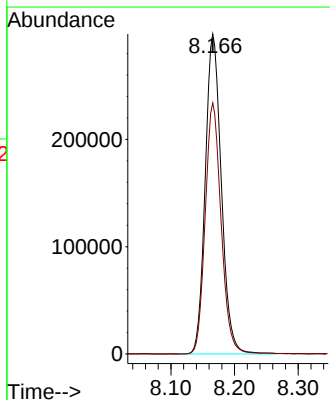
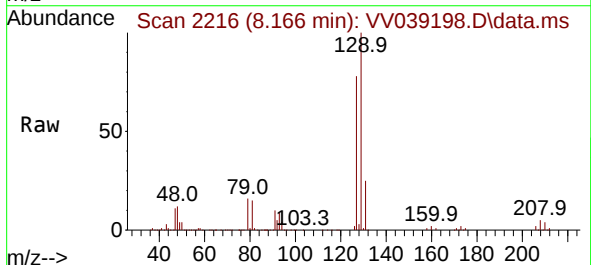
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2540984
Ion Ratio Lower Upper
43 100
58 59.4 28.3 85.0



#60
Dibromochloromethane
Concen: 50.091 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion:129 Resp: 523192
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.9

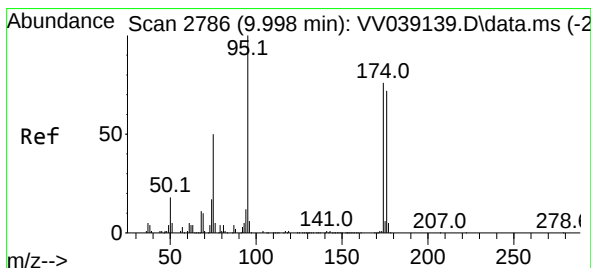
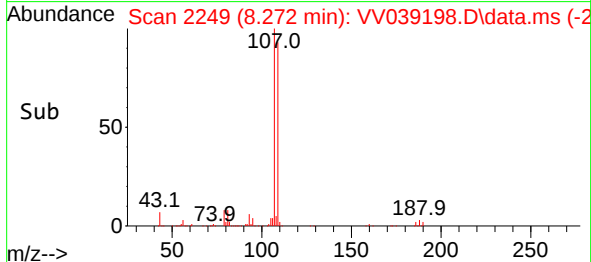
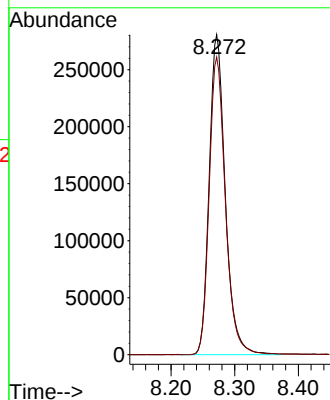
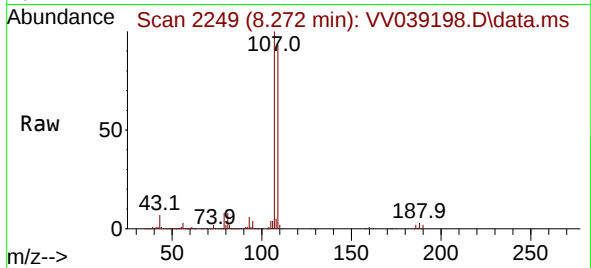




#61
1,2-Dibromoethane
Concen: 52.515 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

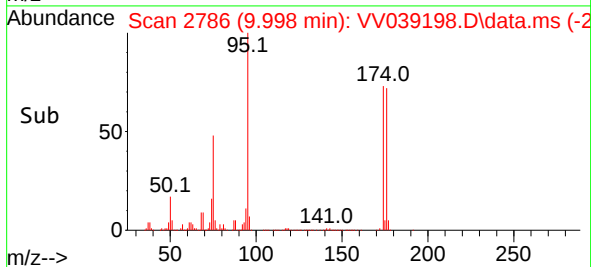
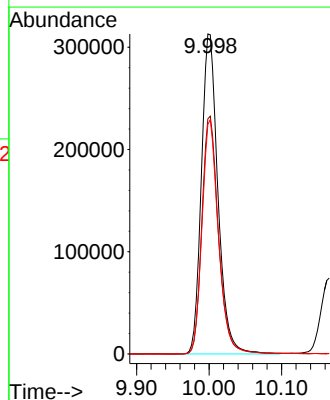
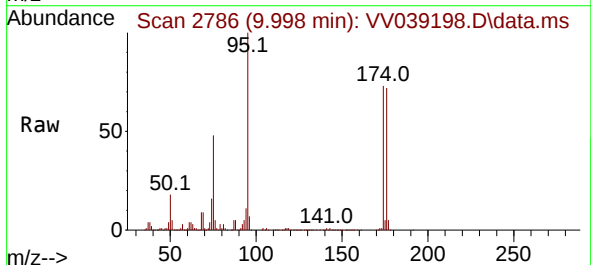
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

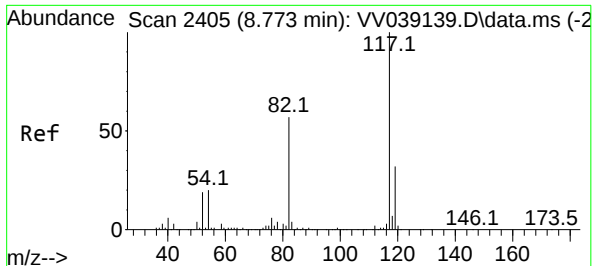
Tgt Ion:107 Resp: 492305
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 57.366 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 95 Resp: 496739
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.4
176 72.5 0.0 144.2

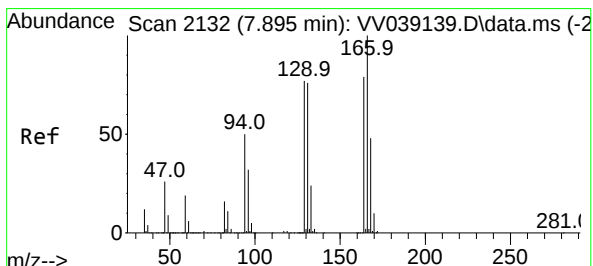
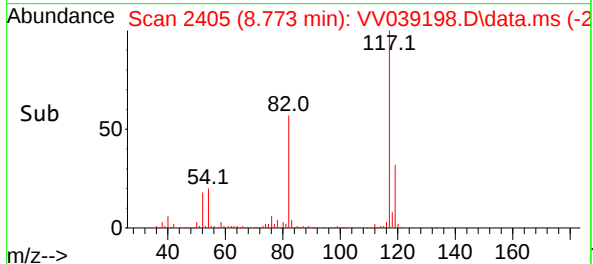
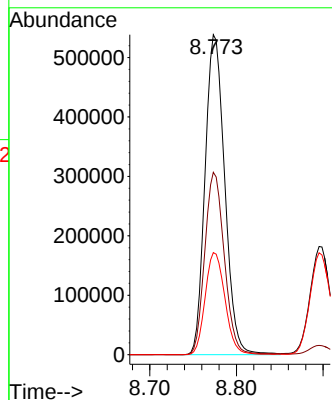
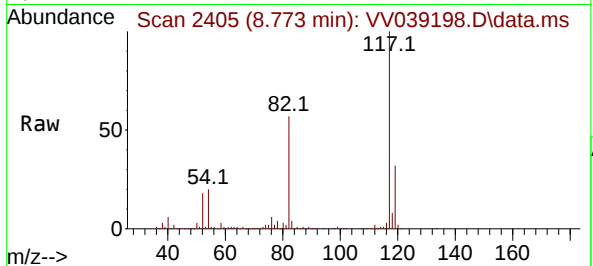




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

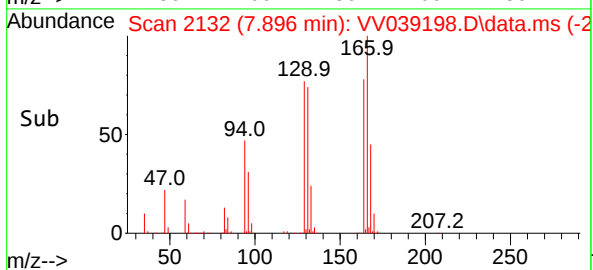
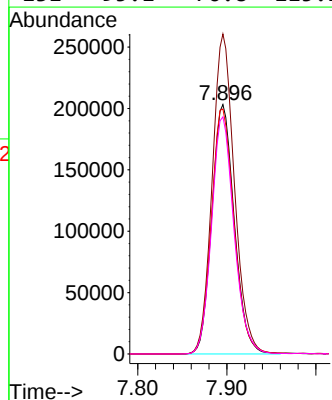
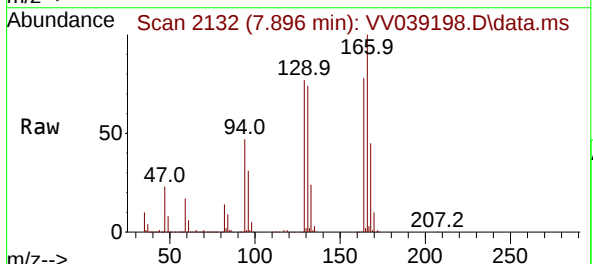
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

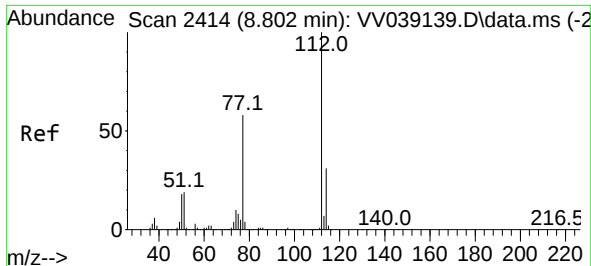
Tgt Ion:117 Resp: 851107
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 49.940 ug/l
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion:164 Resp: 356008
Ion Ratio Lower Upper
164 100
166 128.3 101.6 152.4
129 98.2 78.5 117.7
131 95.1 76.8 115.2

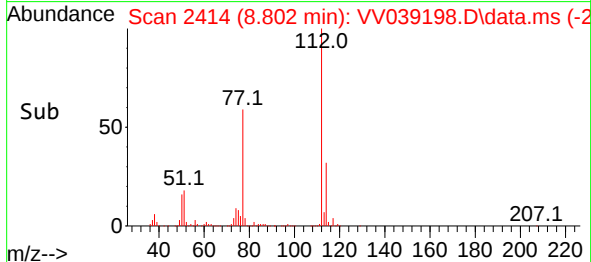
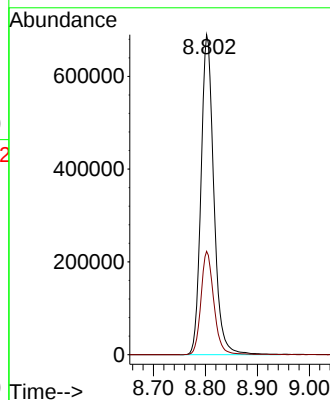
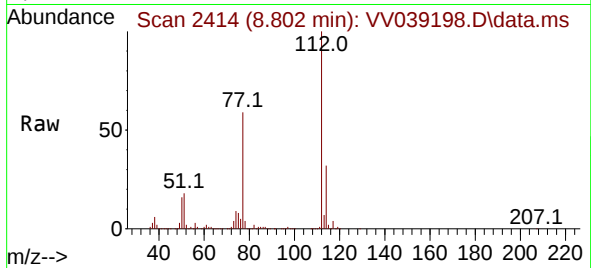




#65
Chlorobenzene
Concen: 49.953 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

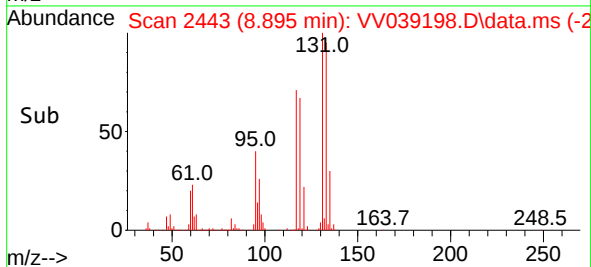
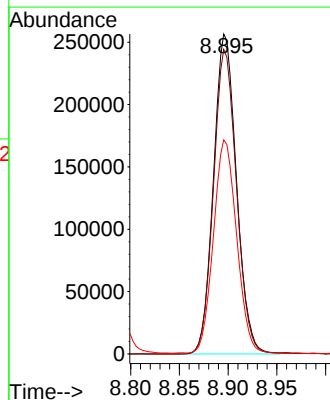
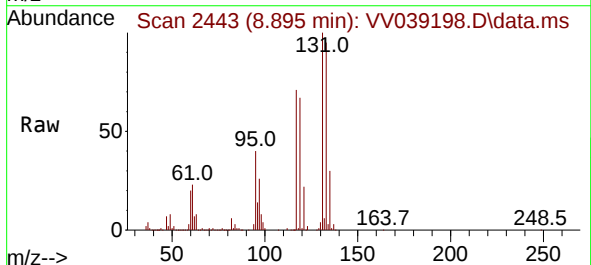
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

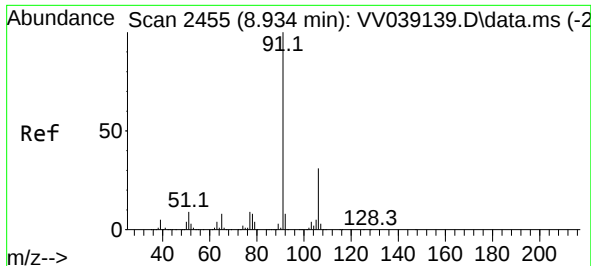
Tgt Ion:112 Resp: 1184240
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.105 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion:131 Resp: 420629
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 67.6 33.3 99.8





#67

Ethyl Benzene

Concen: 54.765 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

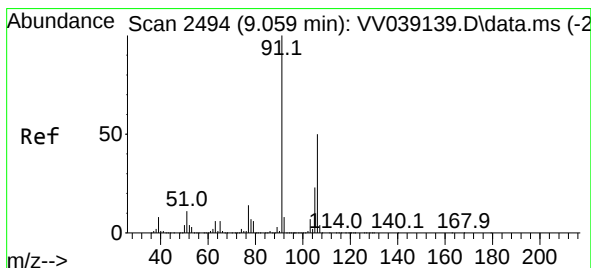
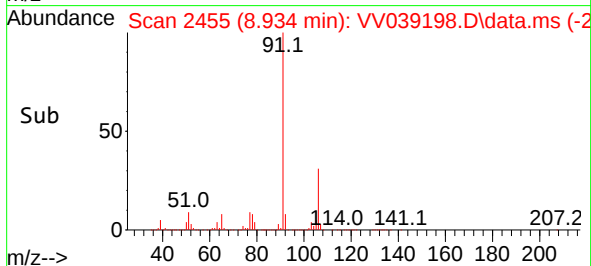
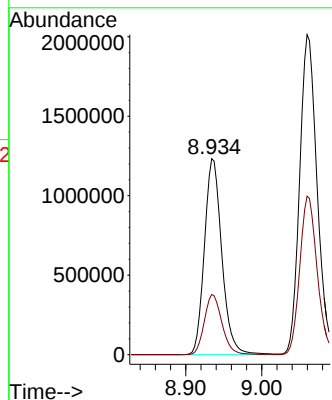
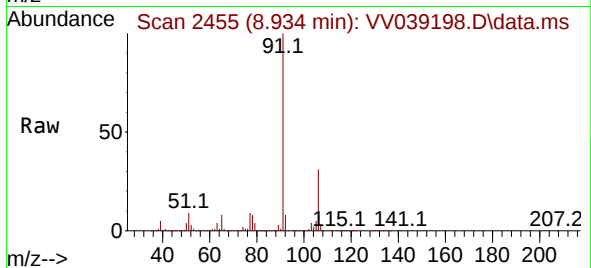
VSTDCCC050

Tgt Ion: 91 Resp: 1965281

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 115.152 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VV039198.D

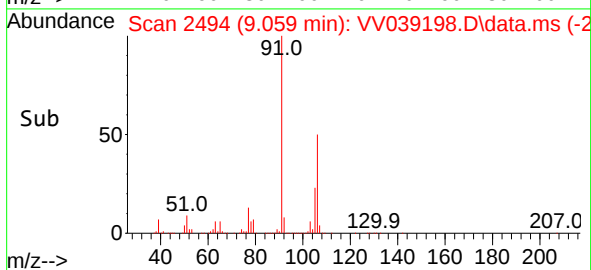
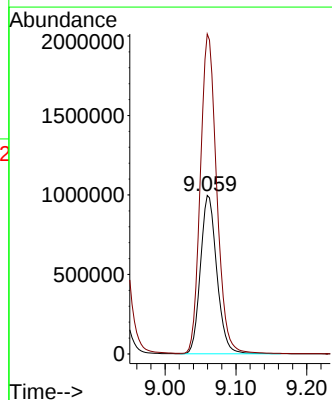
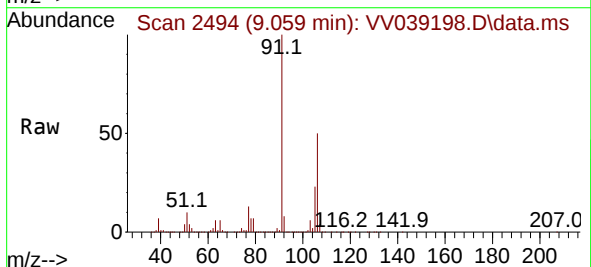
Acq: 26 Sep 2025 09:20

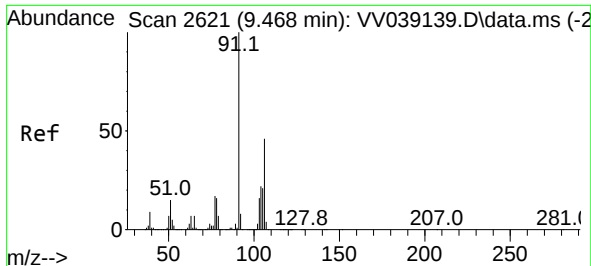
Tgt Ion:106 Resp: 1594917

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7

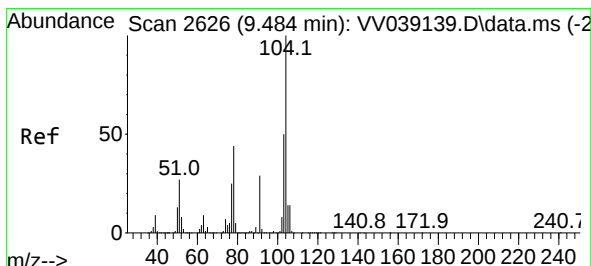
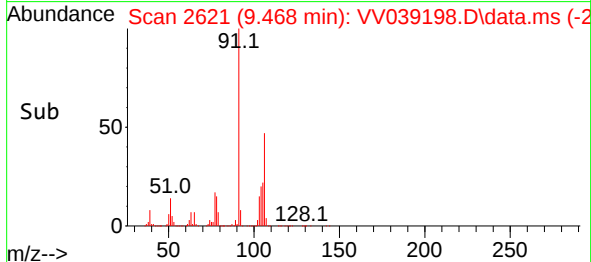
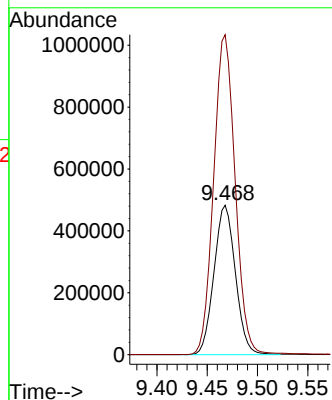
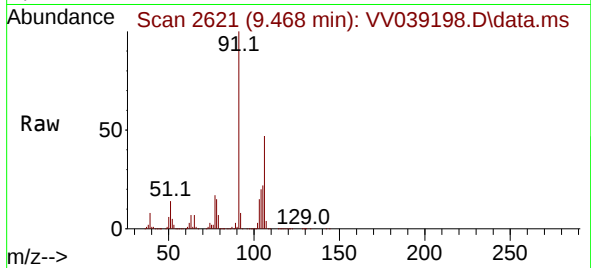




#69
o-Xylene
Concen: 58.277 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

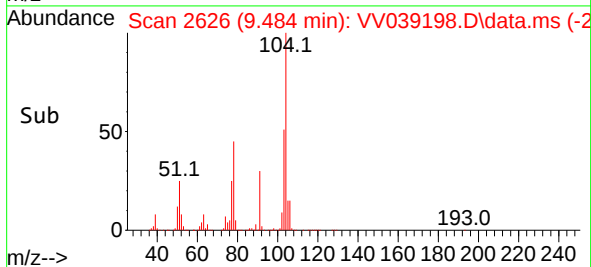
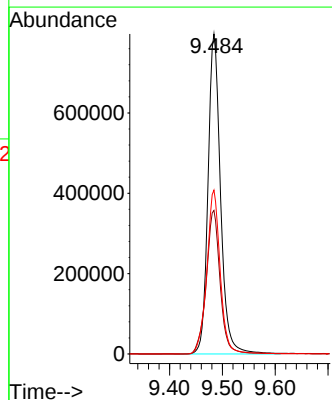
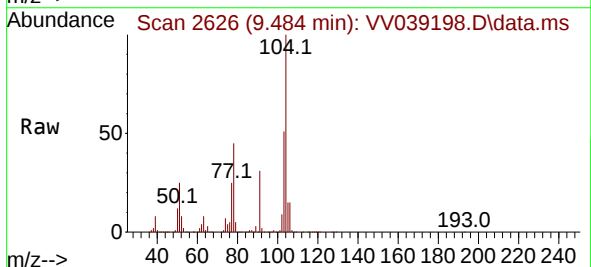
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

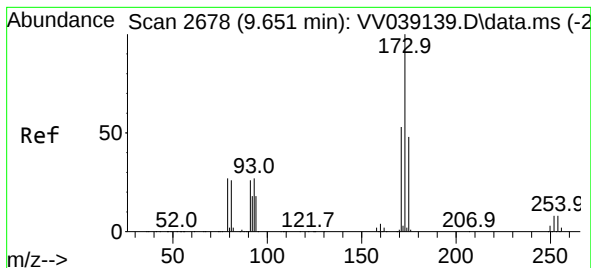
Tgt Ion:106 Resp: 714698
Ion Ratio Lower Upper
106 100
91 215.7 109.1 327.3



#70
Styrene
Concen: 50.578 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion:104 Resp: 1314322
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 54.6 43.4 65.2





#71

Bromoform

Concen: 54.097 ug/l

RT: 9.651 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

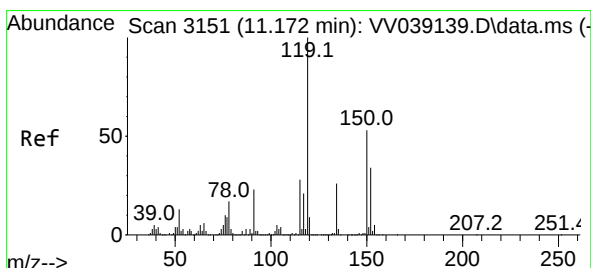
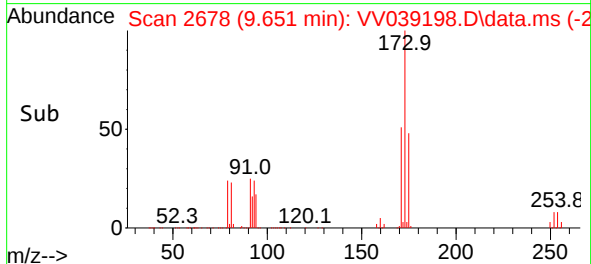
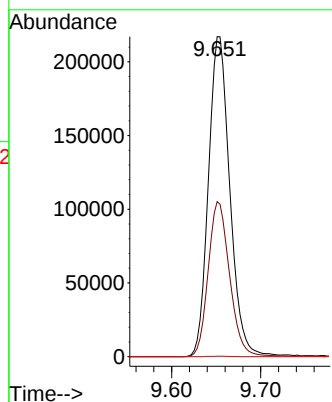
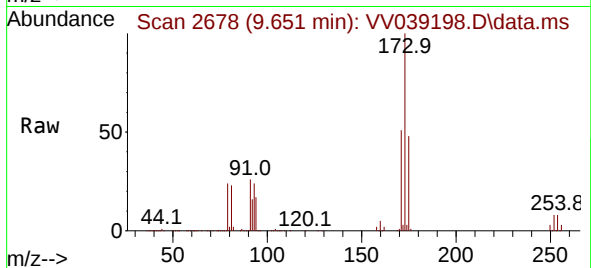
Tgt Ion:173 Resp: 361962

Ion Ratio Lower Upper

173 100

175 48.5 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: VV039198.D

Acq: 26 Sep 2025 09:20

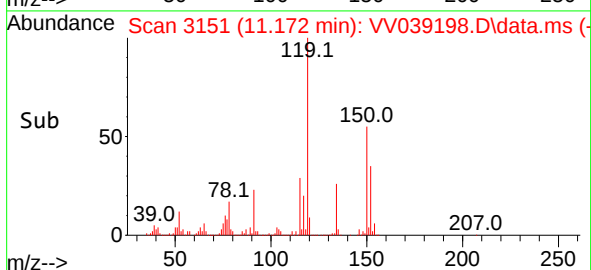
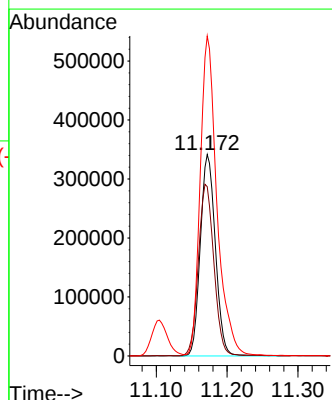
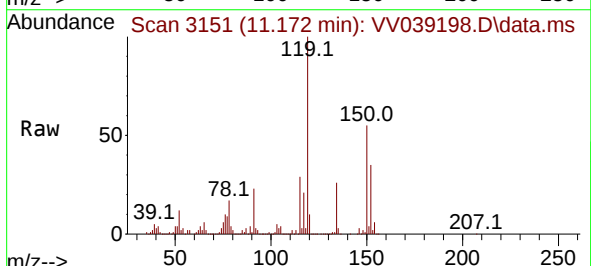
Tgt Ion:152 Resp: 503461

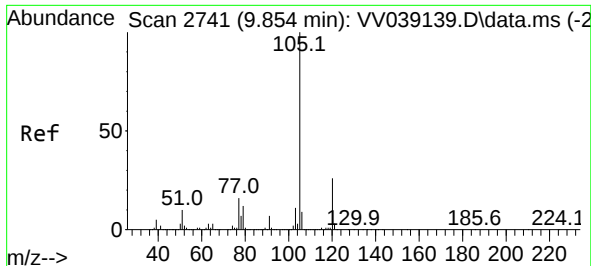
Ion Ratio Lower Upper

152 100

115 87.3 44.8 134.4

150 176.2 0.0 353.8

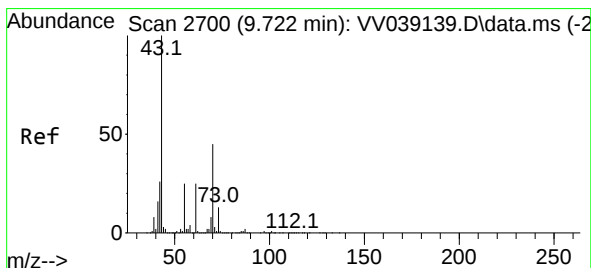
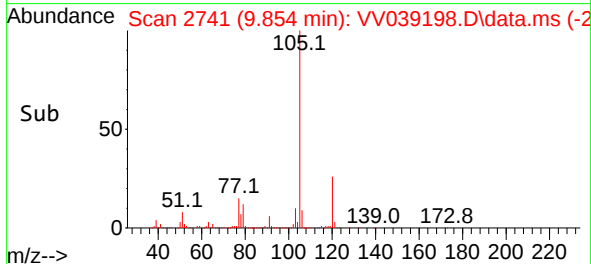
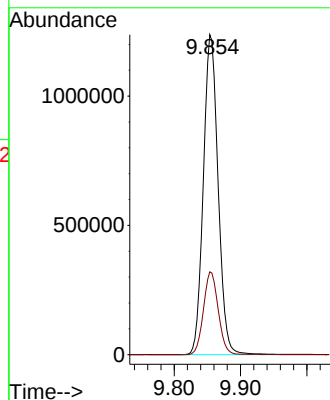
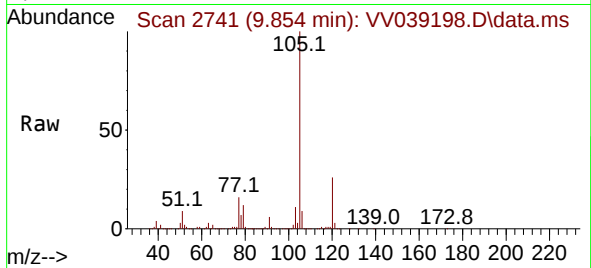




#73
Isopropylbenzene
Concen: 52.314 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

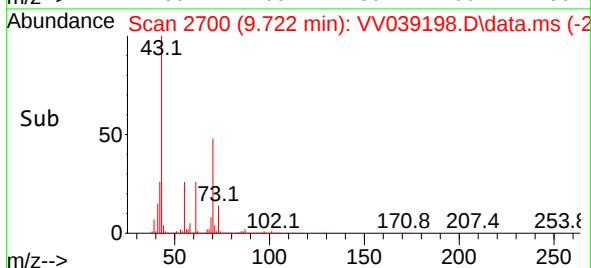
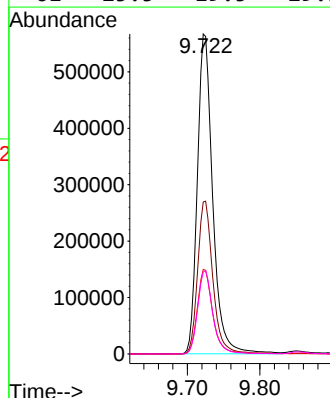
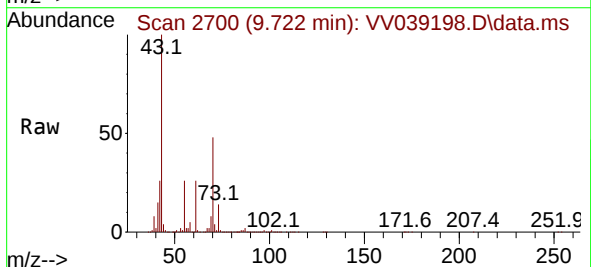
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

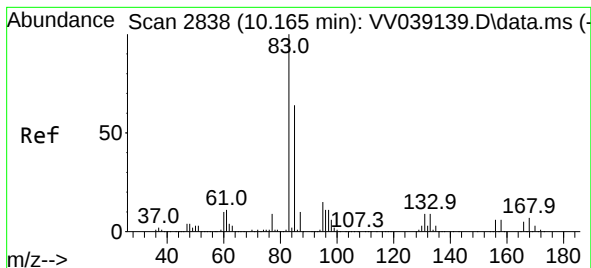
Tgt Ion:105 Resp: 1910303
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 57.243 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 43 Resp: 833773
Ion Ratio Lower Upper
43 100
70 47.6 35.4 53.0
55 26.4 20.6 30.8
61 25.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.497 ug/l

RT: 10.166 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

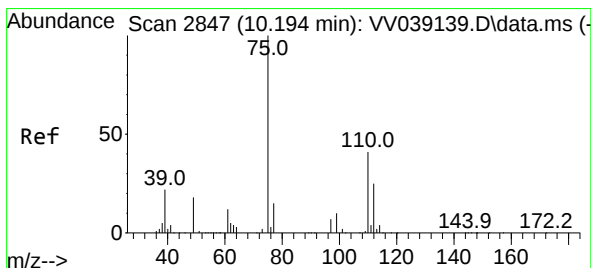
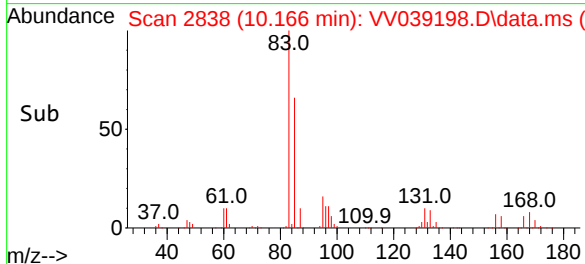
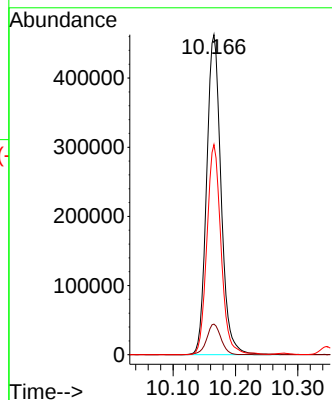
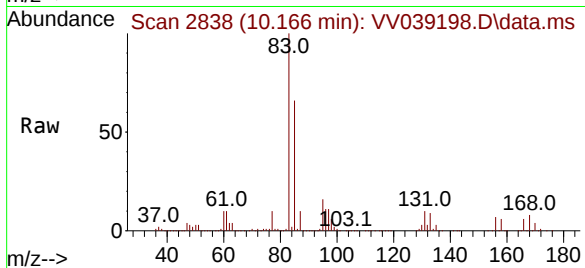
Tgt Ion: 83 Resp: 743933

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 64.5 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 47.449 ug/l

RT: 10.194 min Scan# 2847

Delta R.T. 0.000 min

Lab File: VV039198.D

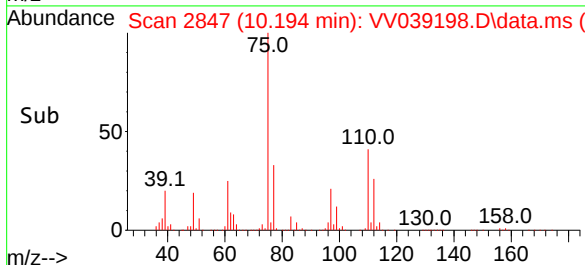
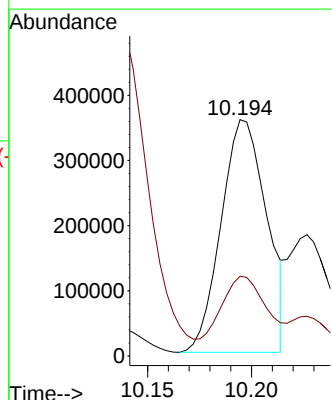
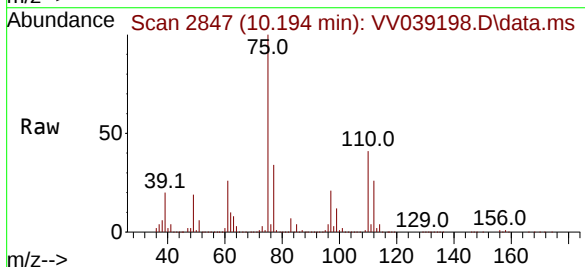
Acq: 26 Sep 2025 09:20

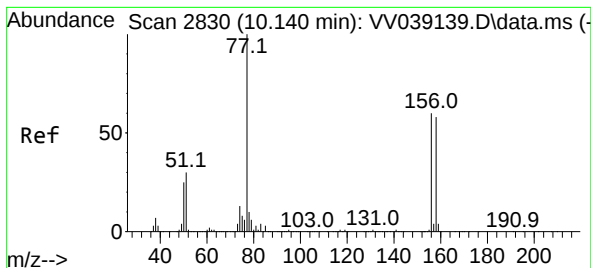
Tgt Ion: 75 Resp: 543913

Ion Ratio Lower Upper

75 100

77 25.0 11.3 33.8





#77

Bromobenzene

Concen: 51.325 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

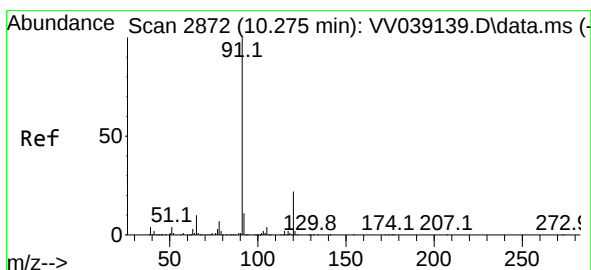
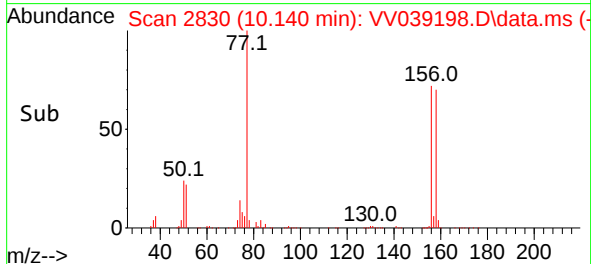
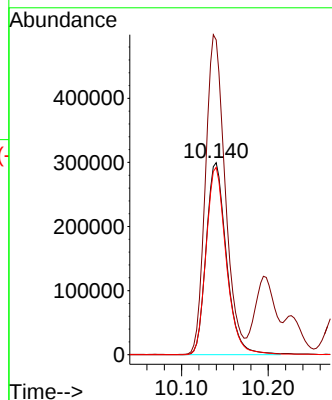
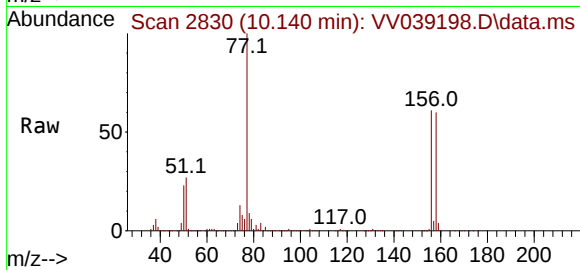
Tgt Ion:156 Resp: 486251

Ion Ratio Lower Upper

156 100

77 161.4 83.4 250.1

158 97.2 48.8 146.4



#78

n-propylbenzene

Concen: 51.822 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039198.D

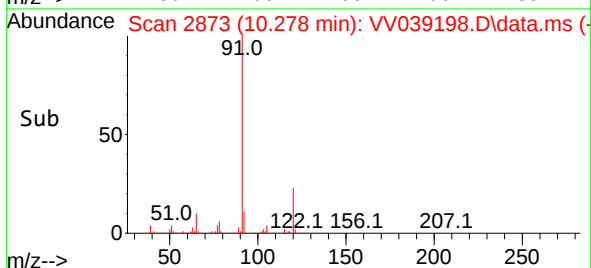
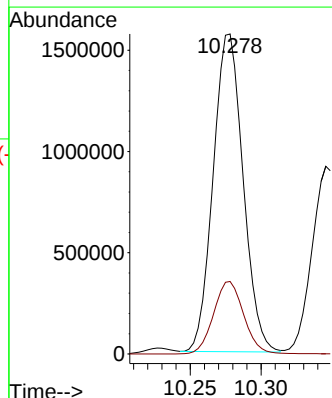
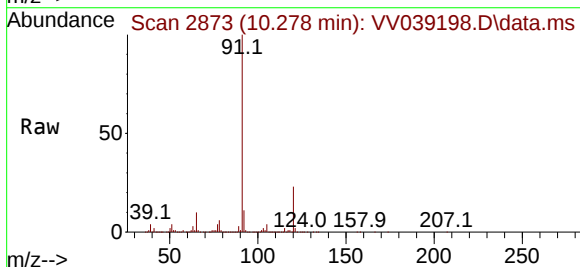
Acq: 26 Sep 2025 09:20

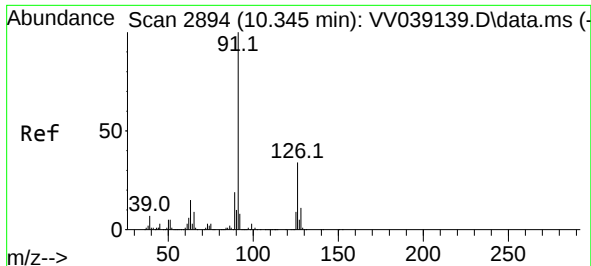
Tgt Ion: 91 Resp: 2304429

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.3

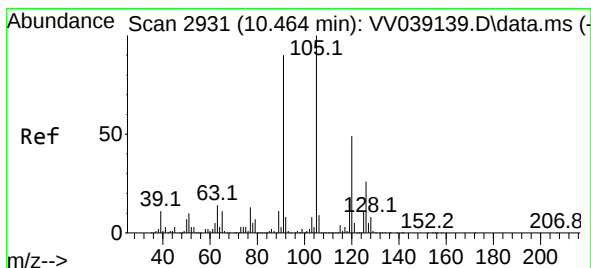
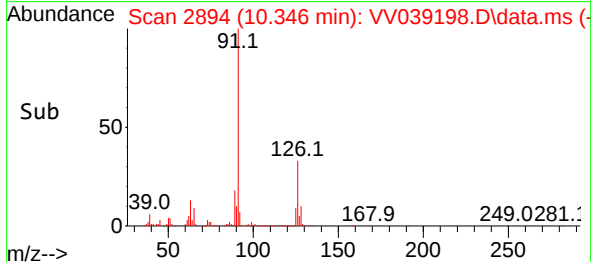
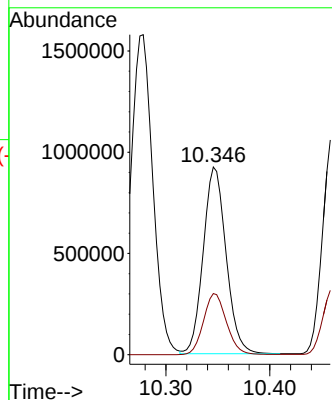
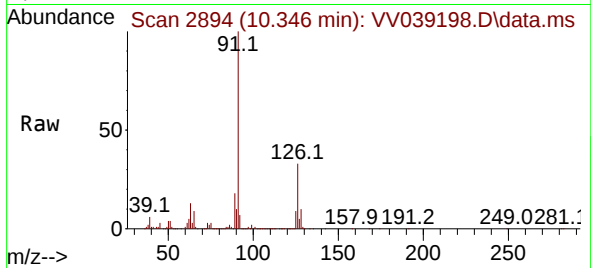




#79
2-Chlorotoluene
Concen: 52.993 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

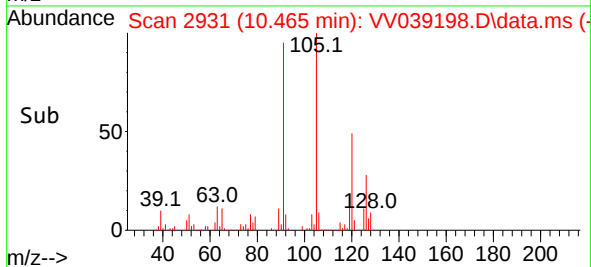
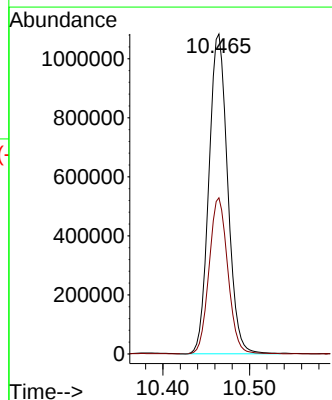
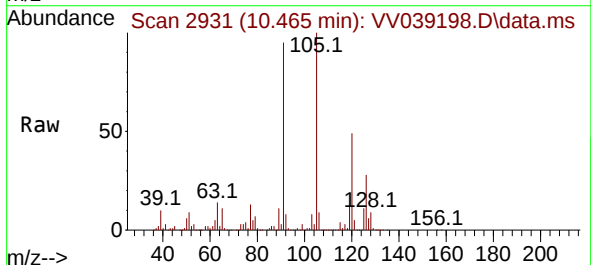
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

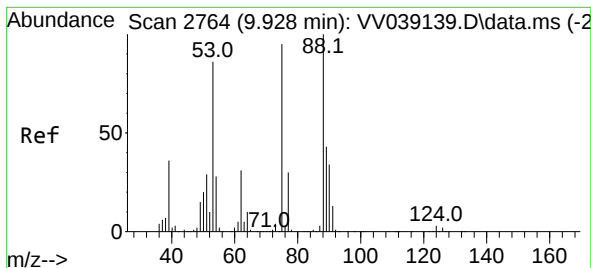
Tgt Ion: 91 Resp: 1410067
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 53.760 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 105 Resp: 1631715
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

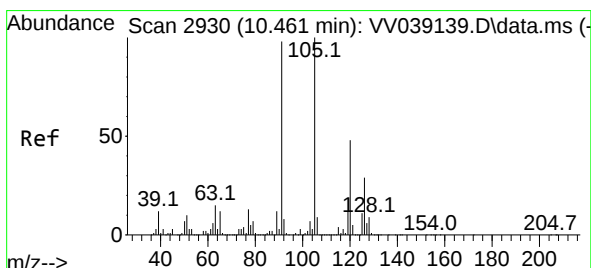
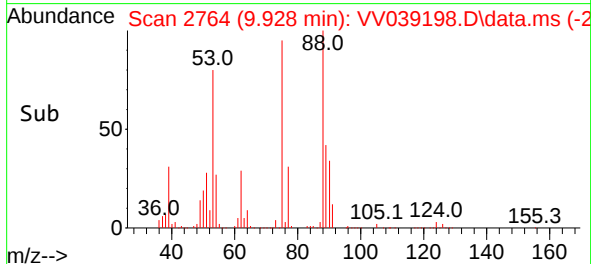
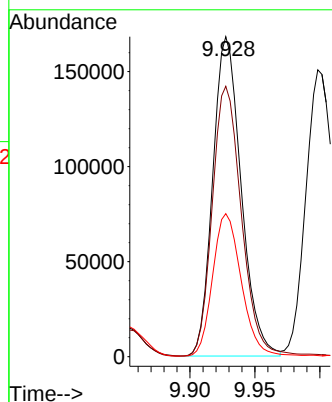
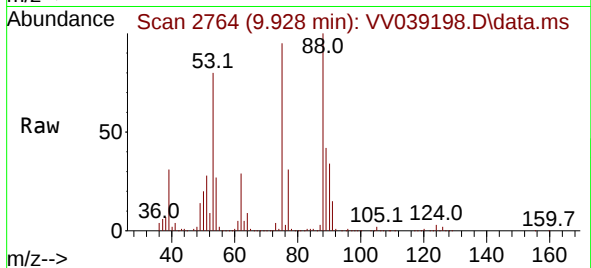




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.459 ug/l
 RT: 9.928 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039198.D
 Acq: 26 Sep 2025 09:20

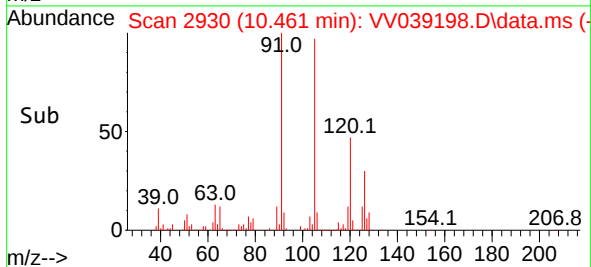
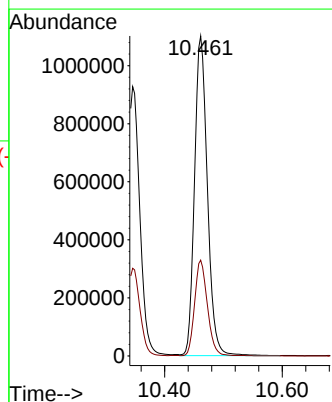
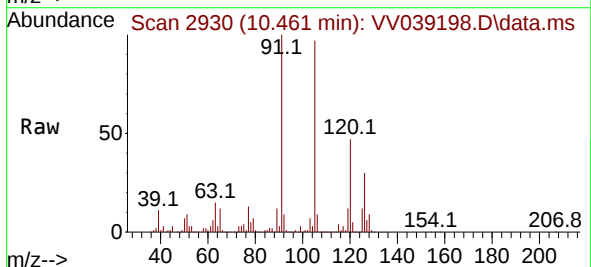
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 255261
 Ion Ratio Lower Upper
 75 100
 53 87.0 72.5 108.7
 89 44.9 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 53.976 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: VV039198.D
 Acq: 26 Sep 2025 09:20

Tgt Ion: 91 Resp: 1665368
 Ion Ratio Lower Upper
 91 100
 126 29.5 14.5 43.6





#83

tert-Butylbenzene

Concen: 50.617 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

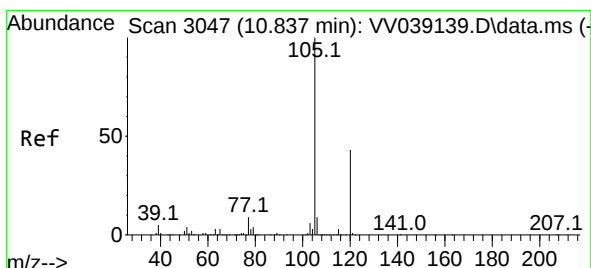
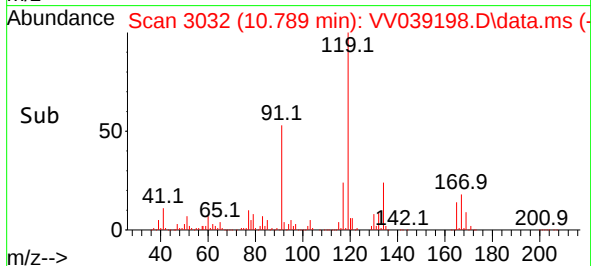
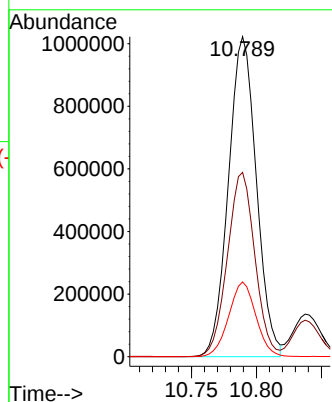
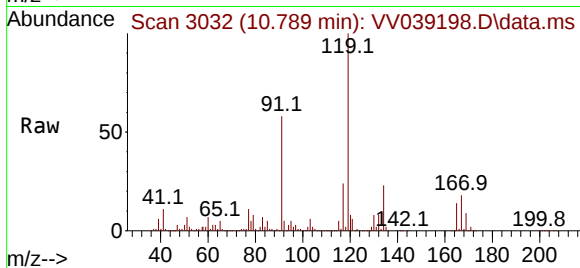
Tgt Ion:119 Resp: 1531956

Ion Ratio Lower Upper

119 100

91 56.6 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.520 ug/l

RT: 10.838 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039198.D

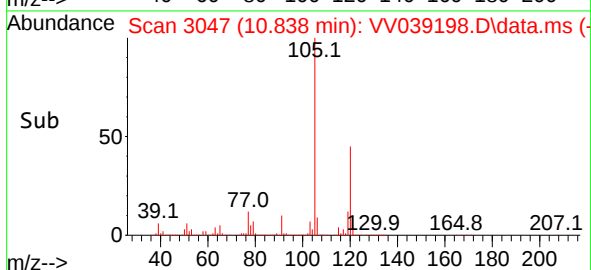
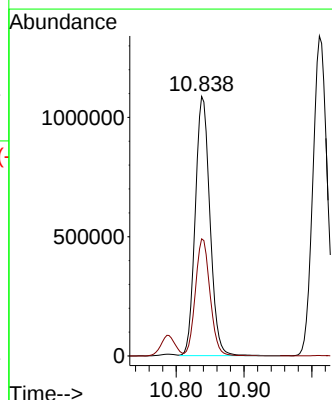
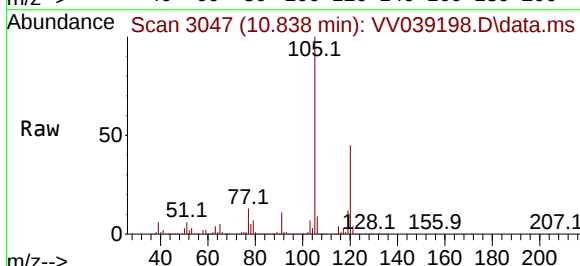
Acq: 26 Sep 2025 09:20

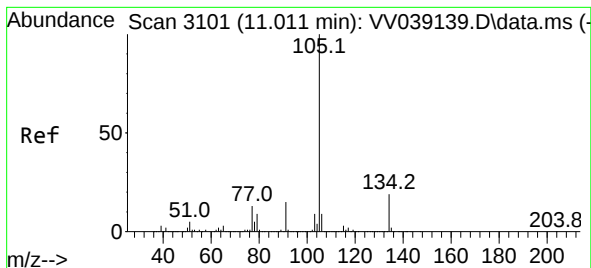
Tgt Ion:105 Resp: 1635985

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.2





#85

sec-Butylbenzene

Concen: 49.696 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

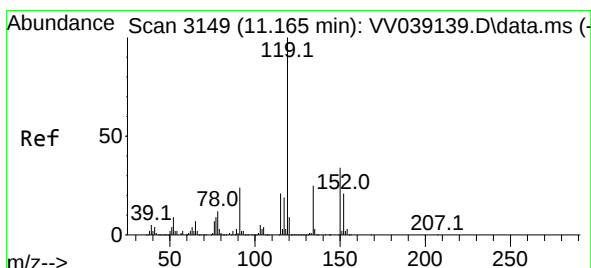
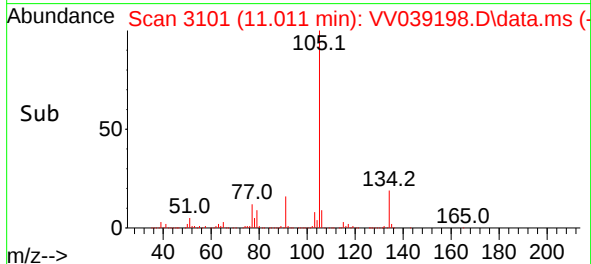
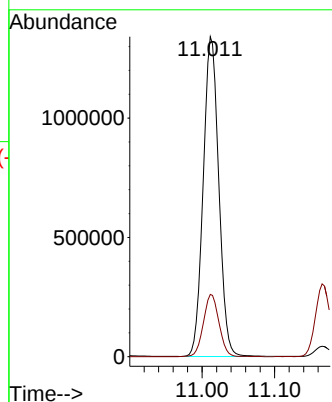
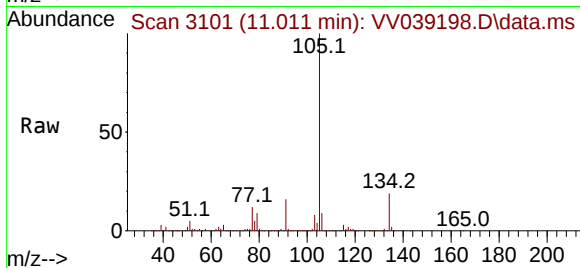
VSTDCCC050

Tgt Ion:105 Resp: 1994966

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 50.491 ug/l

RT: 11.166 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

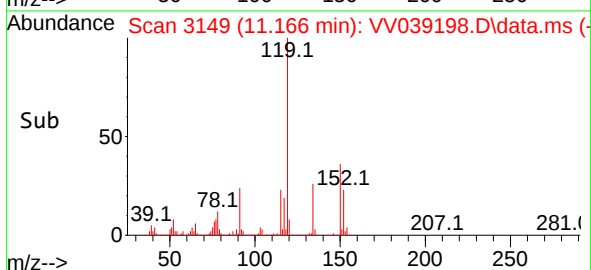
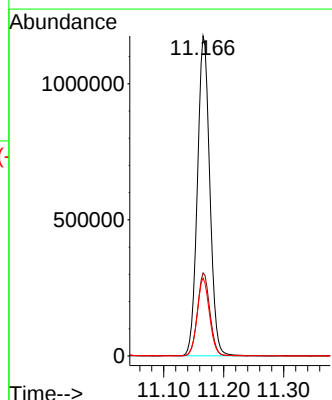
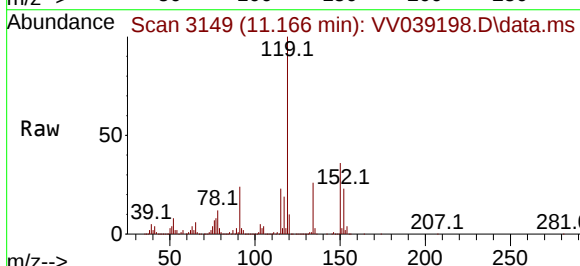
Tgt Ion:119 Resp: 1686983

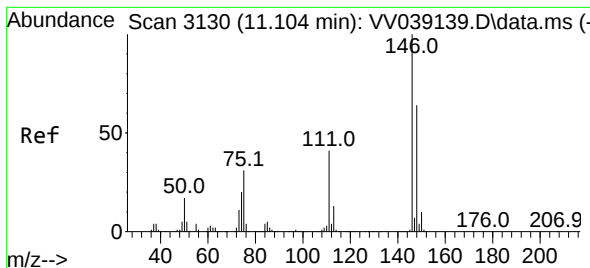
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.438 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

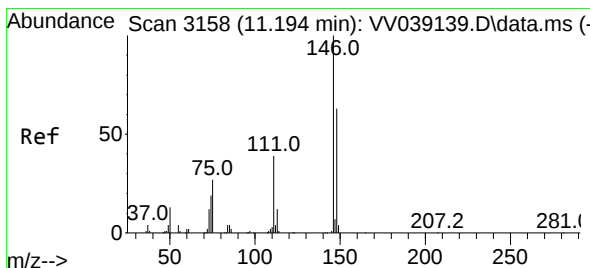
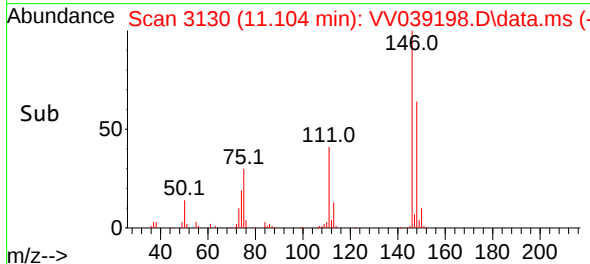
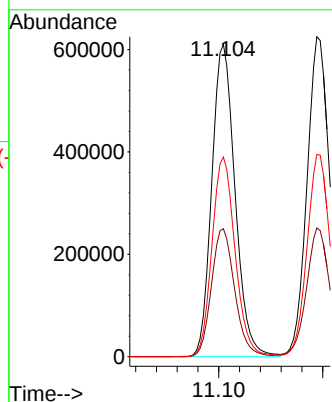
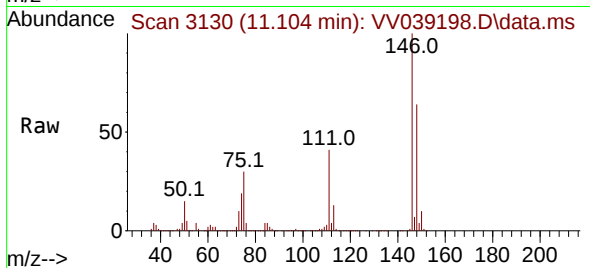
Tgt Ion:146 Resp: 947921

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.8

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.789 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

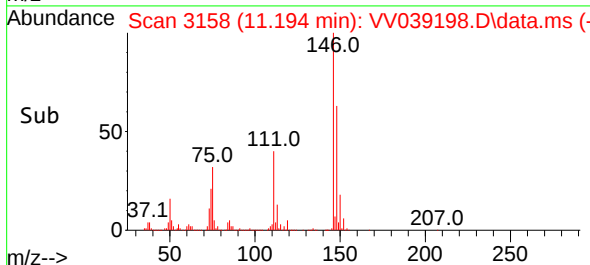
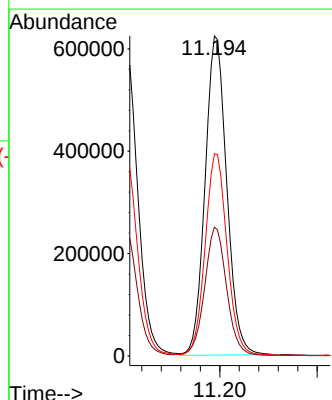
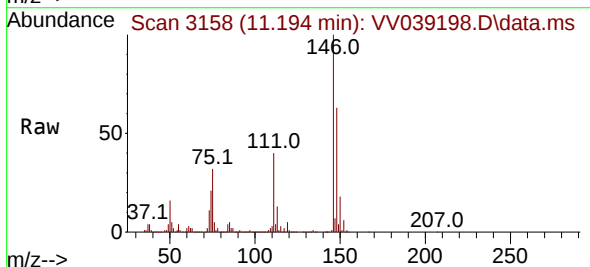
Tgt Ion:146 Resp: 963204

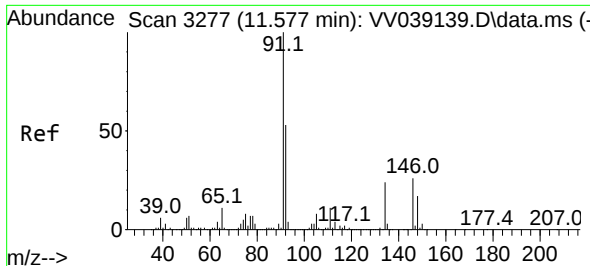
Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 64.7 31.4 94.2

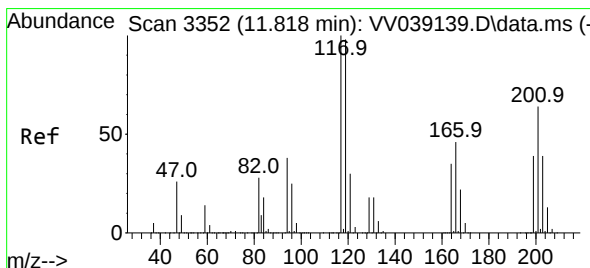
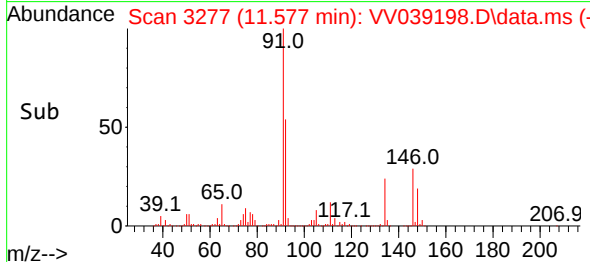
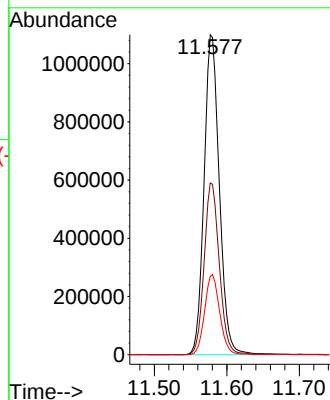
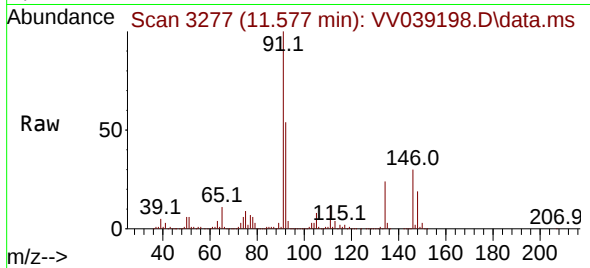




#89
n-Butylbenzene
Concen: 50.362 ug/l
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

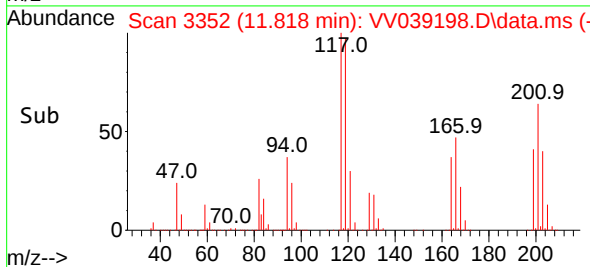
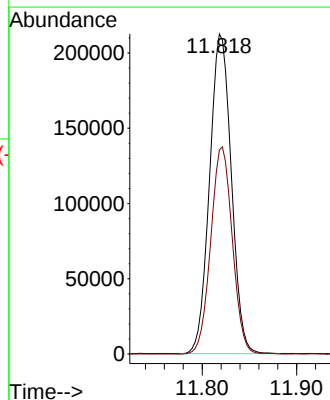
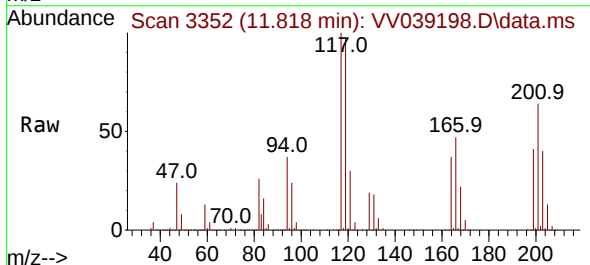
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

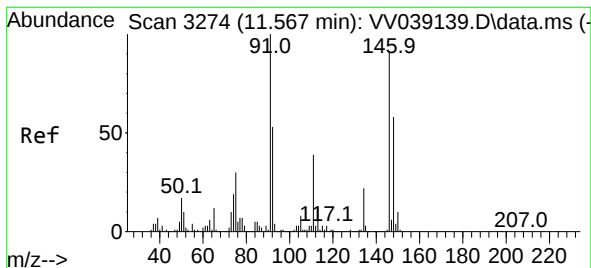
Tgt Ion: 91 Resp: 1607017
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 24.8 12.1 36.3



#90
Hexachloroethane
Concen: 41.222 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion: 117 Resp: 339159
Ion Ratio Lower Upper
117 100
201 64.3 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 50.024 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

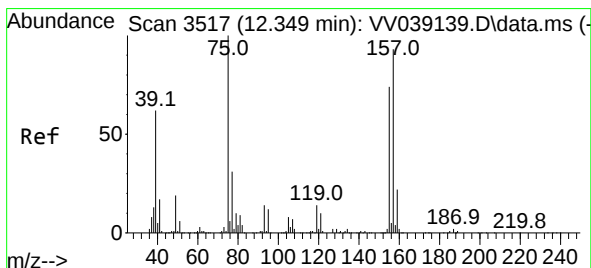
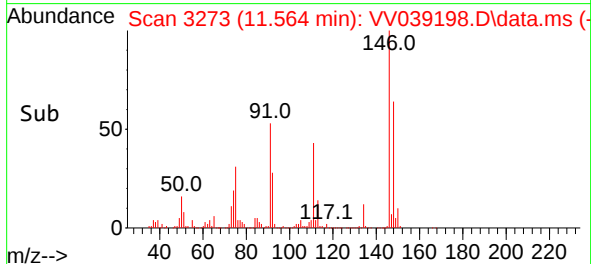
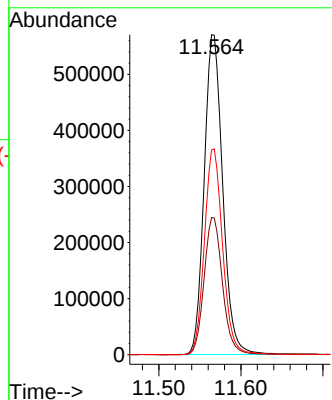
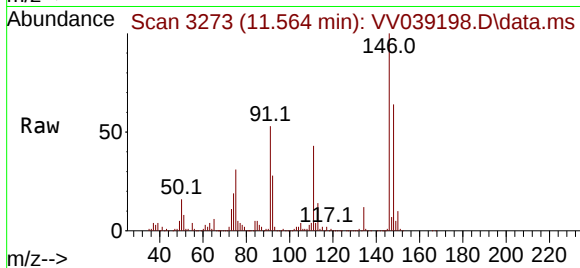
Tgt Ion:146 Resp: 896118

Ion Ratio Lower Upper

146 100

111 42.8 21.5 64.5

148 63.6 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.339 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

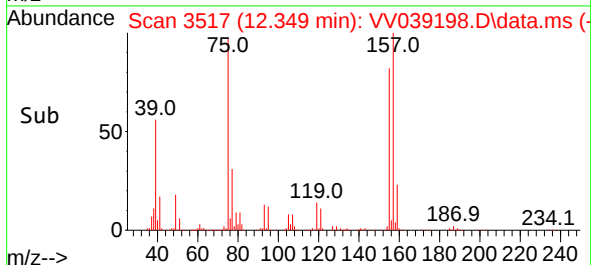
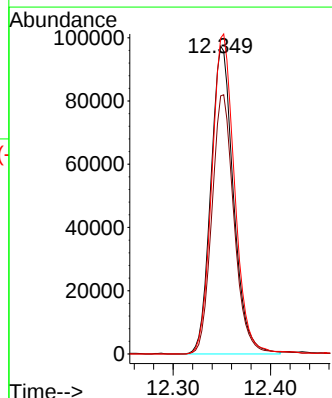
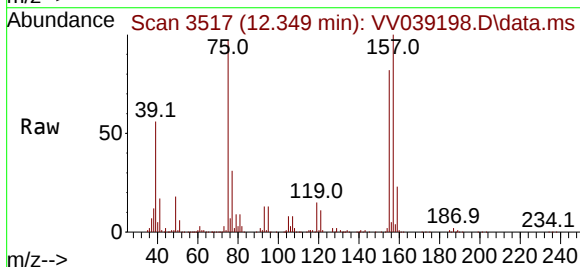
Tgt Ion: 75 Resp: 157070

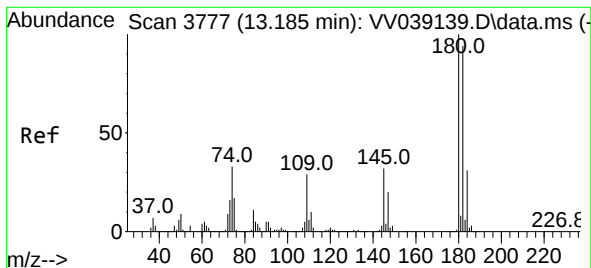
Ion Ratio Lower Upper

75 100

155 83.1 38.6 115.8

157 105.1 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 51.259 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

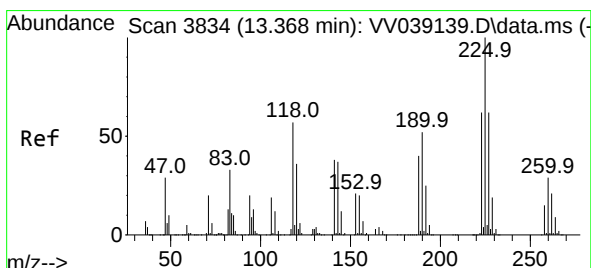
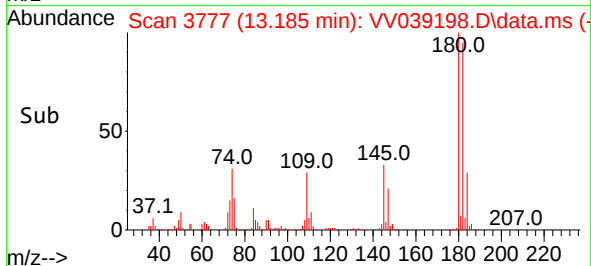
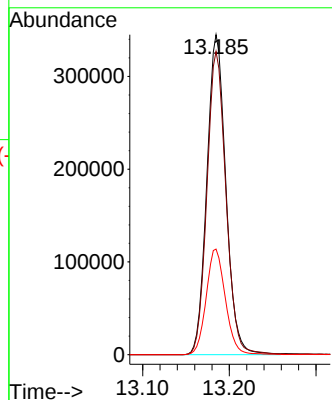
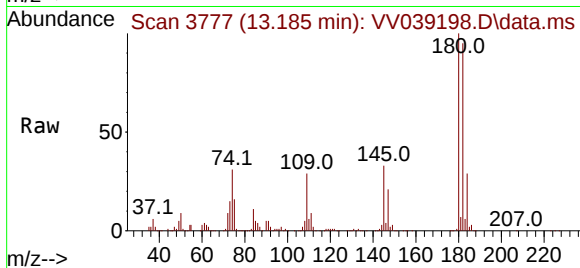
Tgt Ion:180 Resp: 526372

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 33.4 16.3 48.8



#94

Hexachlorobutadiene

Concen: 40.581 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039198.D

Acq: 26 Sep 2025 09:20

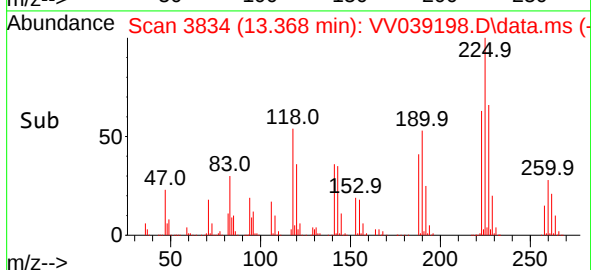
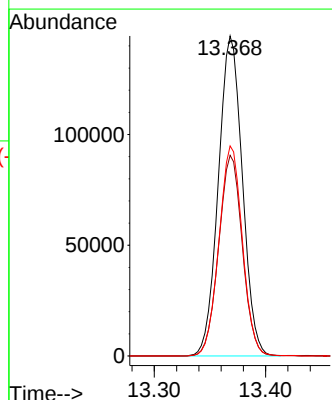
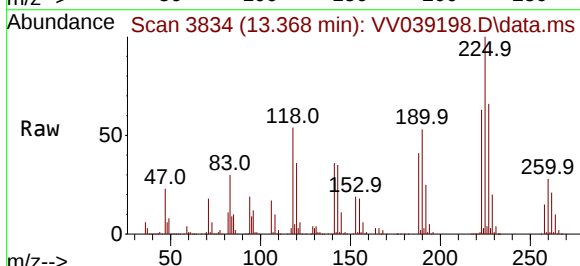
Tgt Ion:225 Resp: 216529

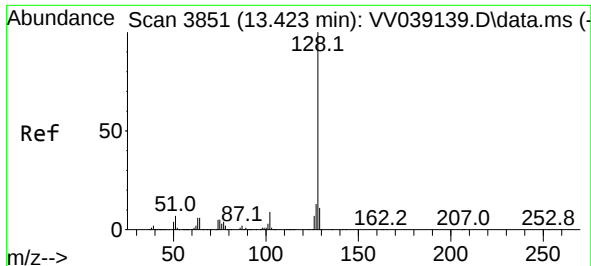
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.7

227 64.0 31.8 95.4

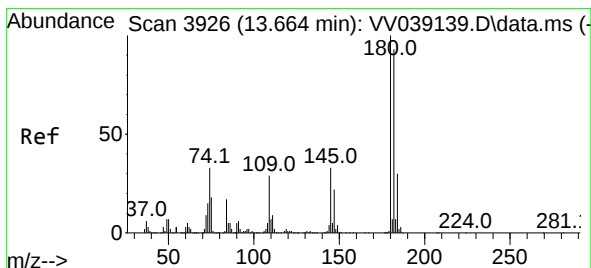
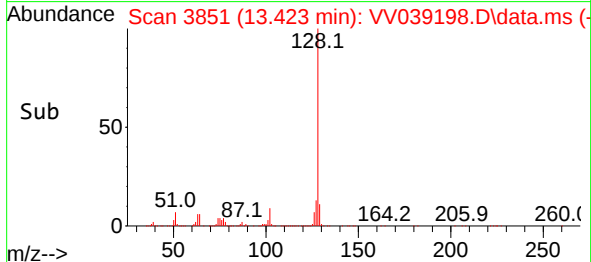
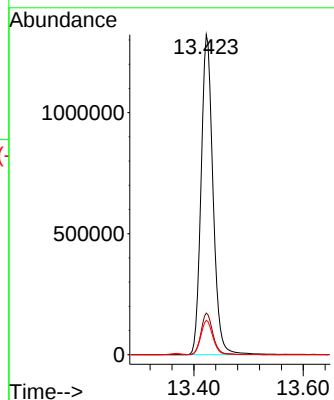
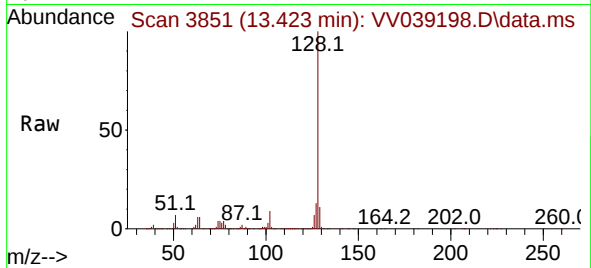




#95
Naphthalene
Concen: 60.159 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1996722
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.133 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. 0.000 min
Lab File: VV039198.D
Acq: 26 Sep 2025 09:20

Tgt Ion:180 Resp: 547531
Ion Ratio Lower Upper
180 100
182 93.1 46.9 140.8
145 34.3 17.0 51.0

