

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039265.D
 Acq On : 06 Oct 2025 11:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 07 03:30:11 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	4.596	168	549792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	857645	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	835774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	504333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	302786	38.052	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	76.100%#
35) Dibromofluoromethane	4.497	113	301779	43.769	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	87.540%
50) Toluene-d8	7.233	98	805345	39.770	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	79.540%#
62) 4-Bromofluorobenzene	10.001	95	408519	49.004	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	98.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	323689	37.192	ug/l	99
3) Chloromethane	1.230	50	337465	36.119	ug/l	98
4) Vinyl Chloride	1.294	62	400582	40.049	ug/l	98
5) Bromomethane	1.494	94	249377	39.549	ug/l	97
6) Chloroethane	1.558	64	264887	44.605	ug/l	96
7) Trichlorofluoromethane	1.722	101	619926	42.808	ug/l	100
8) Diethyl Ether	1.918	74	255778	47.577	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	385389	44.726	ug/l	95
10) Methyl Iodide	2.195	142	400060	48.755	ug/l	99
11) Tert butyl alcohol	2.568	59	436543	259.575	ug/l	98
12) 1,1-Dichloroethene	2.079	96	360329	43.469	ug/l	92
13) Acrolein	2.008	56	30629	104.958	ug/l	100
14) Allyl chloride	2.355	41	622805	42.061	ug/l	95
15) Acrylonitrile	2.670	53	1257503	233.253	ug/l	99
16) Acetone	2.117	43	1171921	237.359	ug/l	97
17) Carbon Disulfide	2.249	76	933272	36.813	ug/l	99
18) Methyl Acetate	2.378	43	659318	55.923	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	1339522	50.711	ug/l	99
20) Methylene Chloride	2.455	84	430339	50.055	ug/l	93
21) trans-1,2-Dichloroethene	2.699	96	380379	43.104	ug/l	95
22) Diisopropyl ether	3.214	45	1298338	45.828	ug/l	98
23) Vinyl Acetate	3.185	43	5610837	226.398	ug/l	96
24) 1,1-Dichloroethane	3.114	63	746285	43.076	ug/l	99
25) 2-Butanone	3.863	43	1553352	243.785	ug/l	95
26) 2,2-Dichloropropane	3.809	77	627429	40.844	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	468541	48.141	ug/l	95
28) Bromochloromethane	4.143	49	351114	45.907	ug/l	88
29) Tetrahydrofuran	4.233	42	973295	244.039	ug/l	94
30) Chloroform	4.275	83	789323	43.631	ug/l	98
31) Cyclohexane	4.580	56	550038	38.756	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	660090	42.146	ug/l	97
36) 1,1-Dichloropropene	4.741	75	478564	45.909	ug/l	98
37) Ethyl Acetate	3.973	43	581548	45.976	ug/l	96
38) Carbon Tetrachloride	4.731	117	565995	44.427	ug/l	99
39) Methylcyclohexane	6.043	83	564616	44.851	ug/l	99
40) Benzene	5.005	78	1582483	46.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	280245	49.040	ug/l	97
42) 1,2-Dichloroethane	5.037	62	546666	45.962	ug/l	98
43) Isopropyl Acetate	5.191	43	902941	52.355	ug/l	97
44) Trichloroethene	5.828	130	390848	49.898	ug/l	99
45) 1,2-Dichloropropane	6.088	63	408500	48.416	ug/l	96
46) Dibromomethane	6.220	93	314950	48.771	ug/l	95
47) Bromodichloromethane	6.423	83	636905	47.707	ug/l	99
48) Methyl methacrylate	6.294	41	421117	53.865	ug/l	96
49) 1,4-Dioxane	6.288	88	136049	1078.345	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	3057521	269.475	ug/l	96
52) Toluene	7.307	92	1004223	51.024	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	629695	54.123	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	674364	52.504	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	435801	49.383	ug/l	97
56) Ethyl methacrylate	7.712	69	638805	60.954	ug/l	94
57) 1,3-Dichloropropane	7.931	76	706676	50.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1279697	217.553	ug/l	96
59) 2-Hexanone	8.063	43	2293667	250.435	ug/l	96
60) Dibromochloromethane	8.165	129	516377	51.353	ug/l	98
61) 1,2-Dibromoethane	8.272	107	471143	52.204	ug/l	100
64) Tetrachloroethene	7.895	164	328056	46.863	ug/l	98
65) Chlorobenzene	8.802	112	1143852	49.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	421369	50.093	ug/l	99
67) Ethyl Benzene	8.934	91	1862581	52.855	ug/l	99
68) m/p-Xylenes	9.063	106	1495995	109.991	ug/l	99
69) o-Xylene	9.468	106	690515	57.338	ug/l	98
70) Styrene	9.484	104	1256996	49.291	ug/l	99
71) Bromoform	9.654	173	361910	55.081	ug/l #	98
73) Isopropylbenzene	9.853	105	1863985	50.957	ug/l	100
74) N-amyl acetate	9.722	43	796598	54.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	713835	44.538	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	545118	47.472	ug/l	99
77) Bromobenzene	10.140	156	473039	49.844	ug/l	97
78) n-propylbenzene	10.275	91	2204597	49.491	ug/l	98
79) 2-Chlorotoluene	10.345	91	1338447	50.215	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1575301	51.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	237340	49.620	ug/l	96
82) 4-Chlorotoluene	10.461	91	1595846	51.633	ug/l	99
83) tert-Butylbenzene	10.789	119	1547264	51.035	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1577047	53.427	ug/l	100
85) sec-Butylbenzene	11.011	105	1936690	48.161	ug/l	99
86) p-Isopropyltoluene	11.165	119	1658509	49.553	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	936013	48.732	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	968179	45.946	ug/l	99
89) n-Butylbenzene	11.580	91	1549035	48.461	ug/l	99
90) Hexachloroethane	11.818	117	325719	39.520	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	888560	49.516	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	156615	54.101	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	546603	53.137	ug/l	99
94) Hexachlorobutadiene	13.368	225	208537	39.015	ug/l	100
95) Naphthalene	13.422	128	1981547	59.599	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	566894	53.883	ug/l	100

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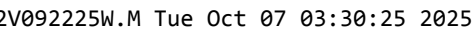
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MSVOA_V
ClientSampleId :
VSTDCCC050

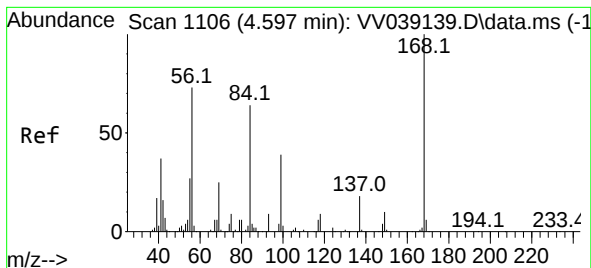
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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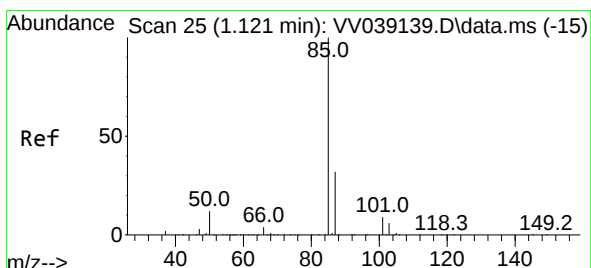
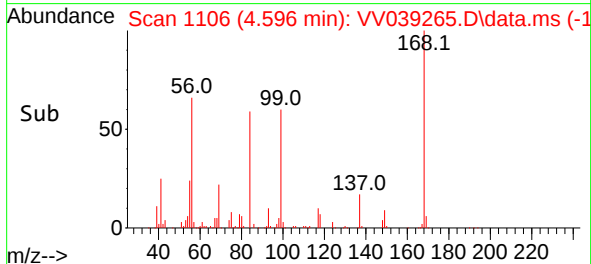
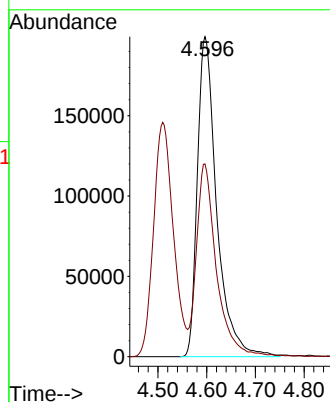
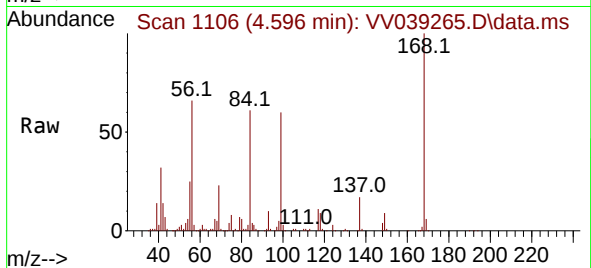




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
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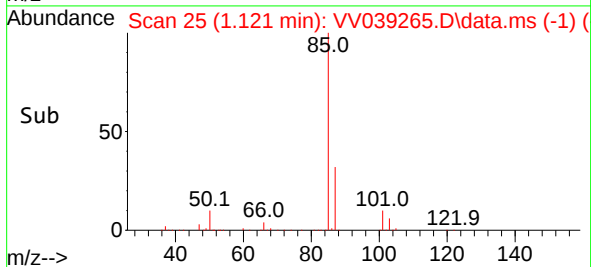
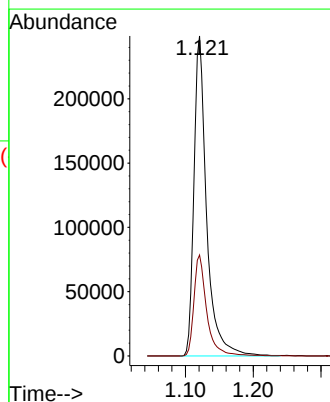
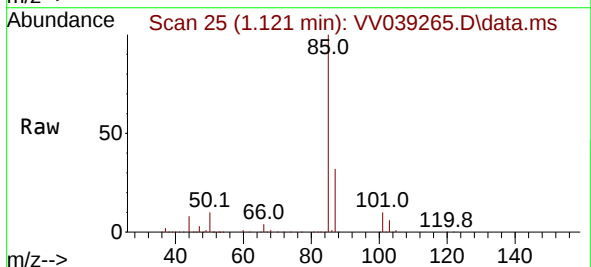
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 549792
Ion Ratio Lower Upper
168 100
99 59.8 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 37.192 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 85 Resp: 323689
Ion Ratio Lower Upper
85 100
87 31.6 16.0 47.9

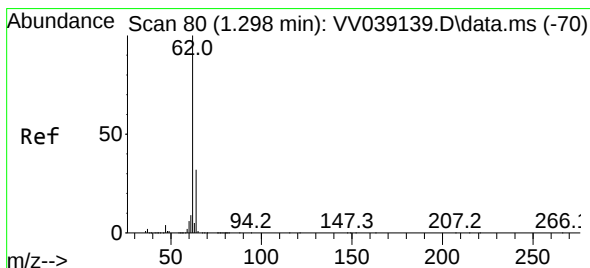
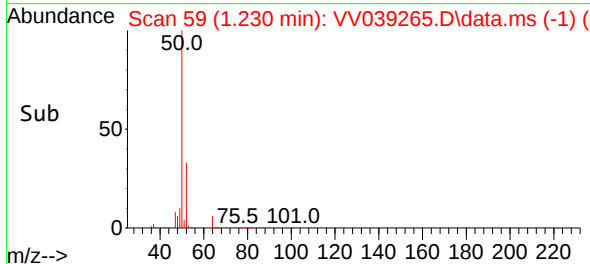
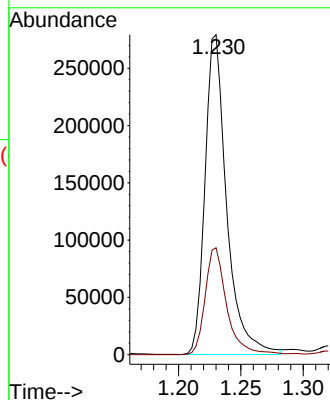
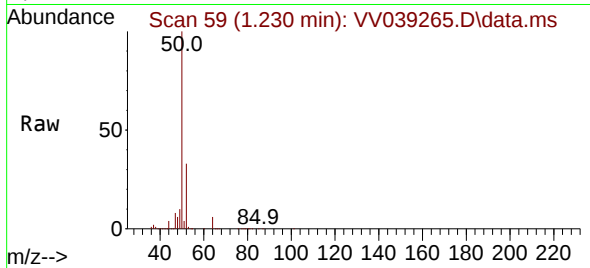




#3
Chloromethane
Concen: 36.119 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

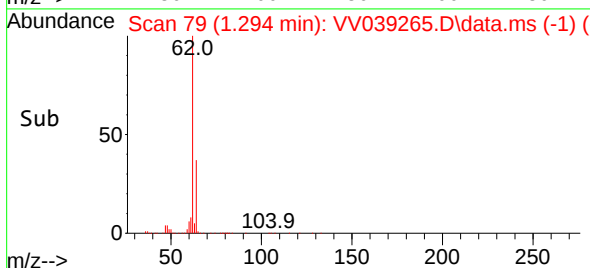
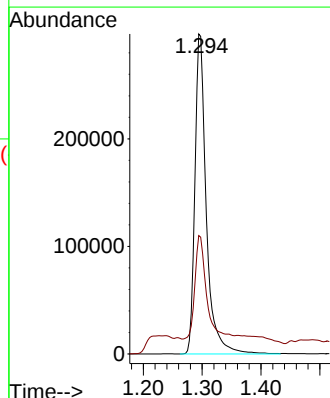
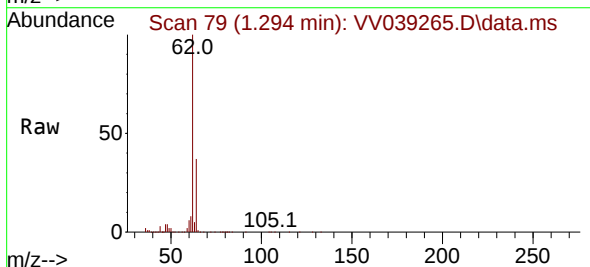
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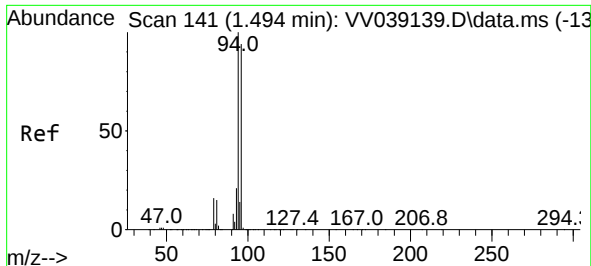
Tgt Ion: 50 Resp: 337465
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 40.049 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 62 Resp: 400582
Ion Ratio Lower Upper
62 100
64 33.3 25.6 38.4

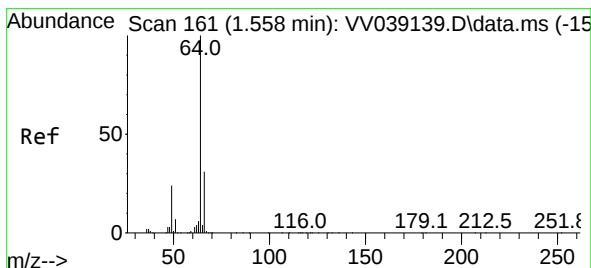
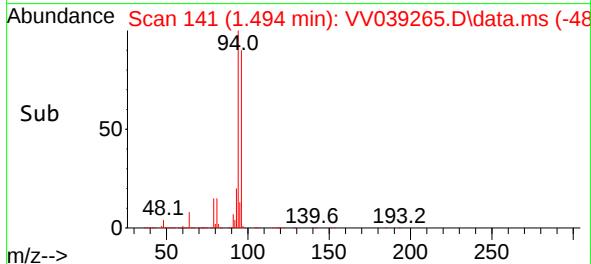
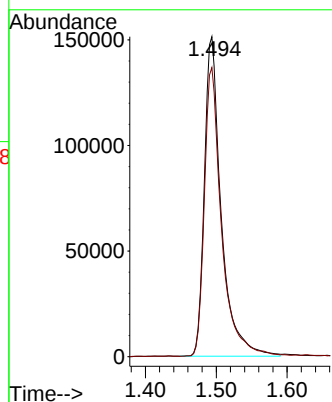
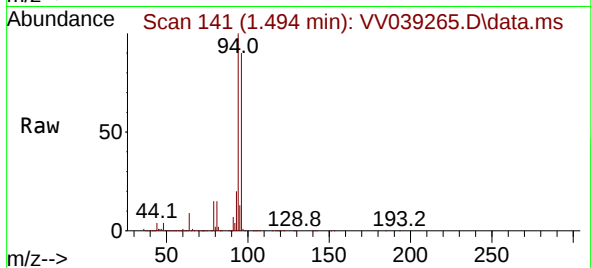




#5
Bromomethane
Concen: 39.549 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

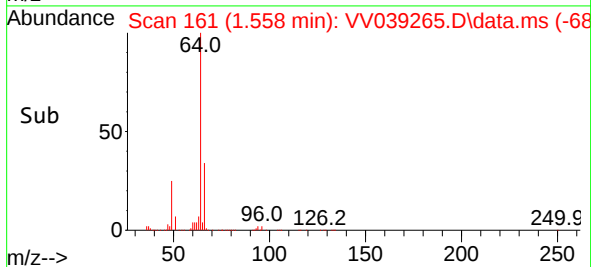
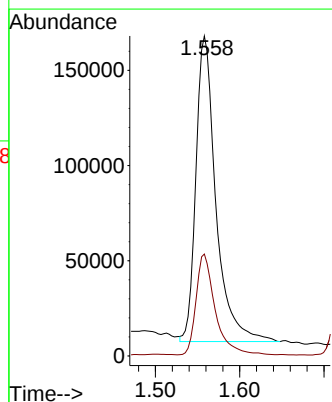
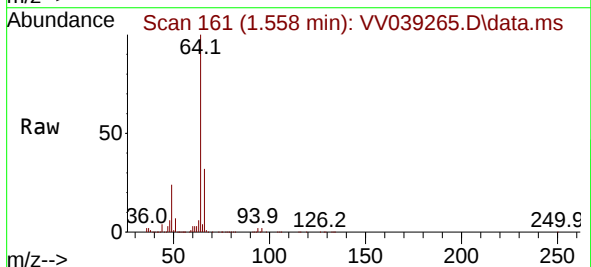
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Tgt Ion: 94 Resp: 249377
Ion Ratio Lower Upper
94 100
96 90.4 74.9 112.3



#6
Chloroethane
Concen: 44.605 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 64 Resp: 264887
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

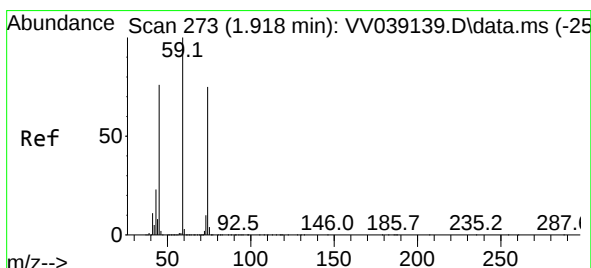
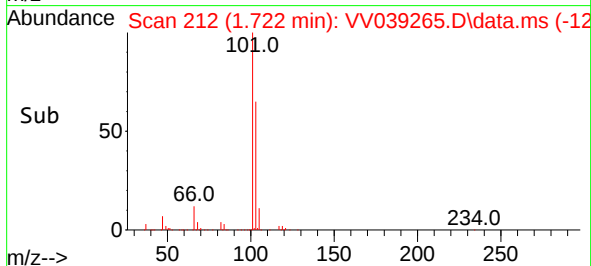
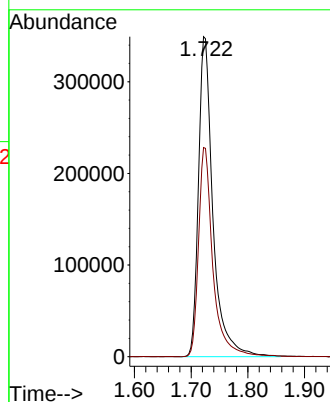
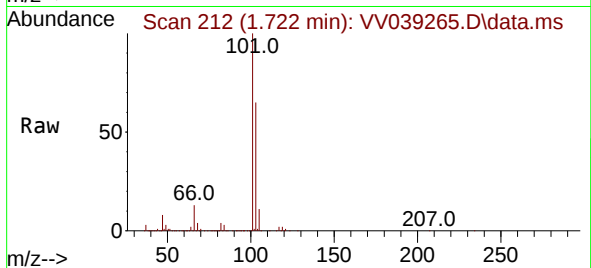




#7
Trichlorofluoromethane
Concen: 42.808 ug/l
RT: 1.722 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039265.D
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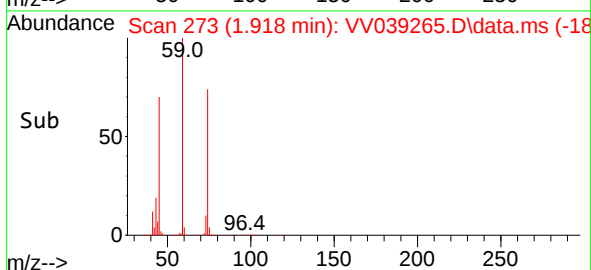
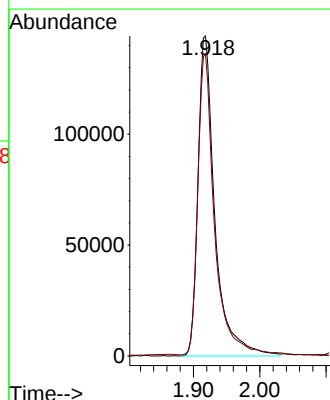
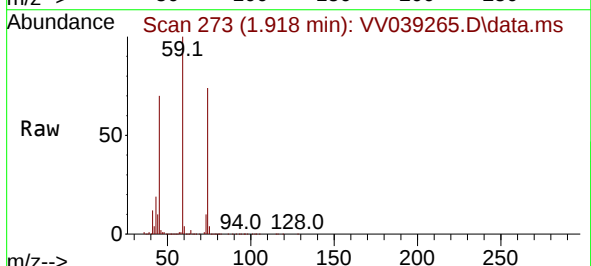
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Tgt Ion:101 Resp: 619926
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0



#8
Diethyl Ether
Concen: 47.577 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 74 Resp: 255778
Ion Ratio Lower Upper
74 100
45 92.7 49.6 148.8

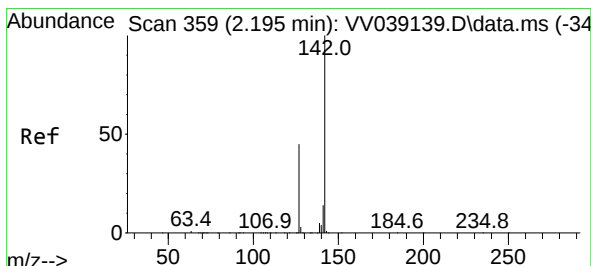
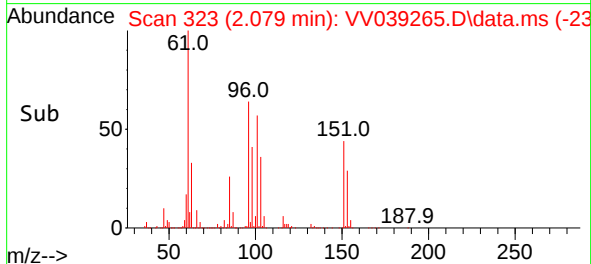
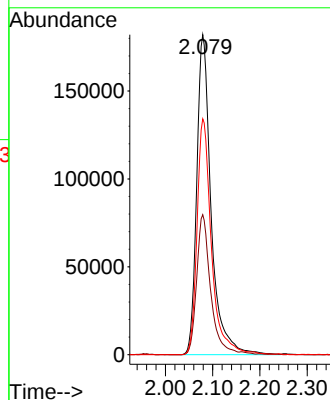
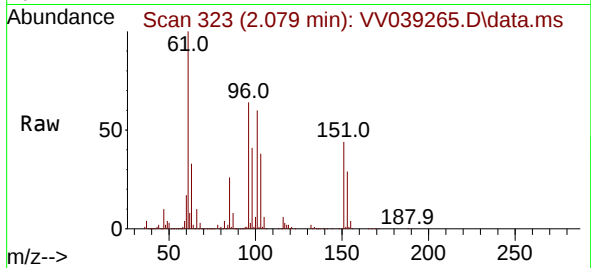




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.726 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039265.D
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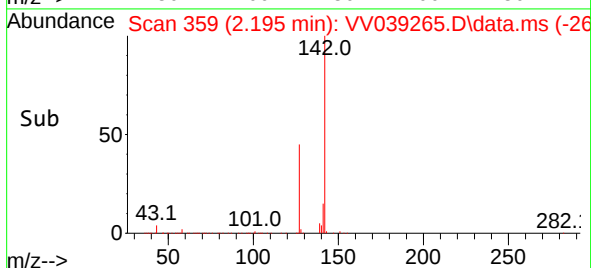
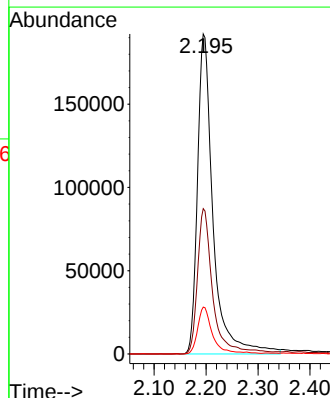
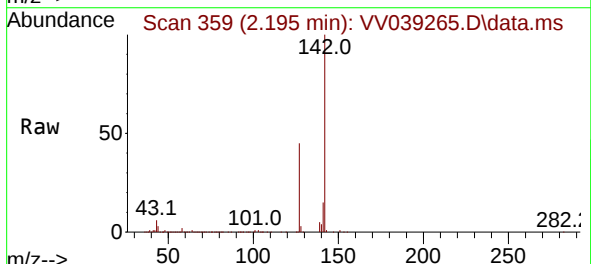
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ClientSampleId :
VSTDCCC050

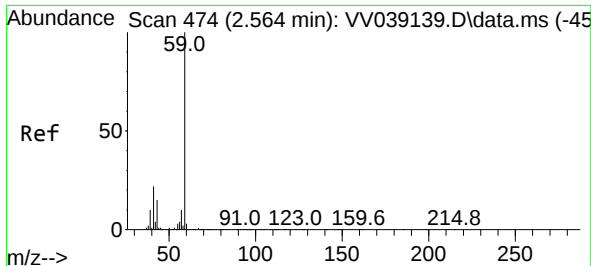
Tgt Ion:101 Resp: 385389
Ion Ratio Lower Upper
101 100
85 42.2 36.2 54.2
151 74.2 56.3 84.5



#10
Methyl Iodide
Concen: 48.755 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion:142 Resp: 400060
Ion Ratio Lower Upper
142 100
127 44.7 36.3 54.5
141 13.8 11.2 16.8

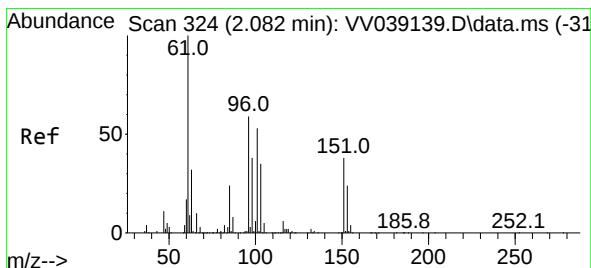
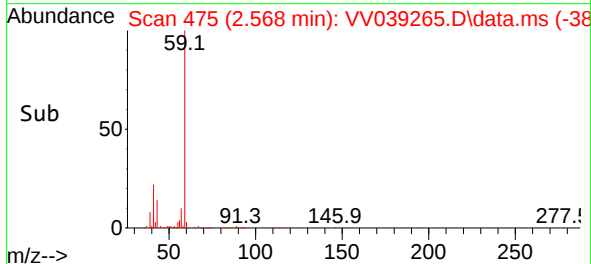
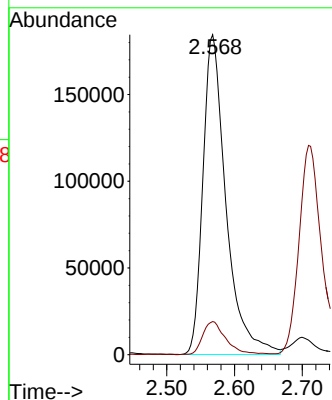
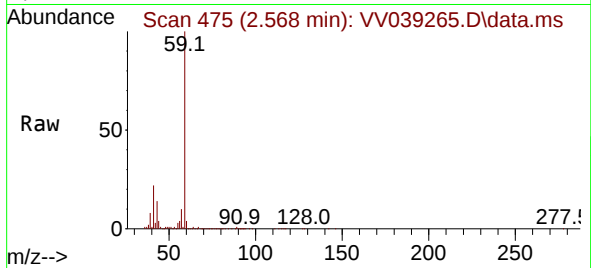




#11
Tert butyl alcohol
Concen: 259.575 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

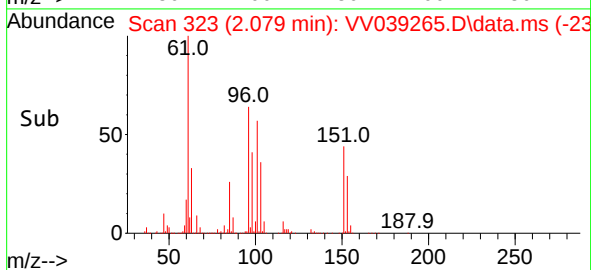
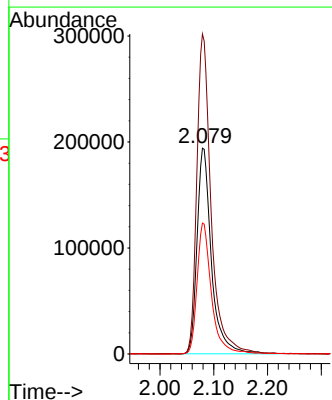
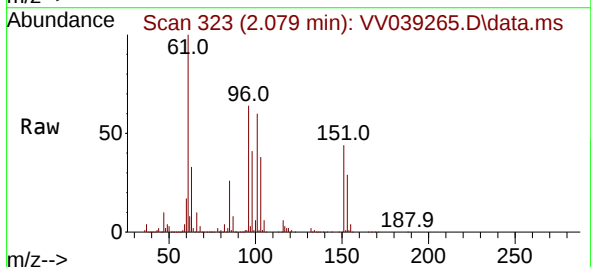
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 436543
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 43.469 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 96 Resp: 360329
Ion Ratio Lower Upper
96 100
61 155.6 136.0 204.0
98 63.5 51.0 76.6

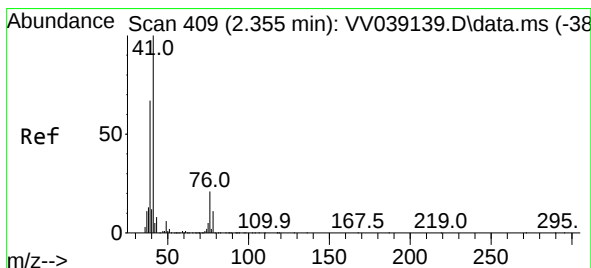
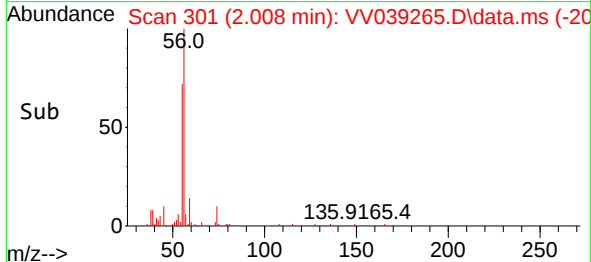
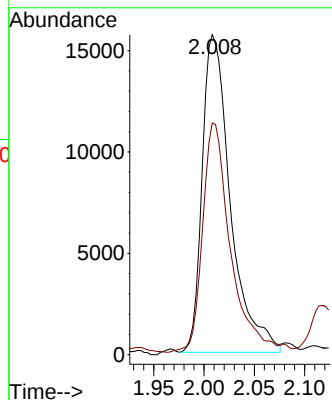
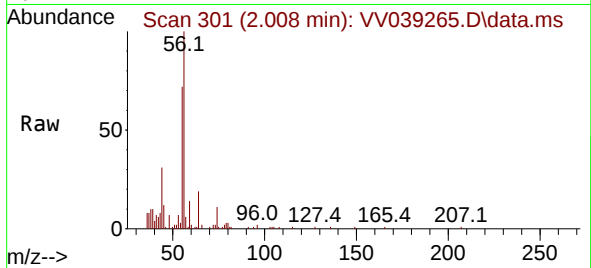




#13
Acrolein
Concen: 104.958 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

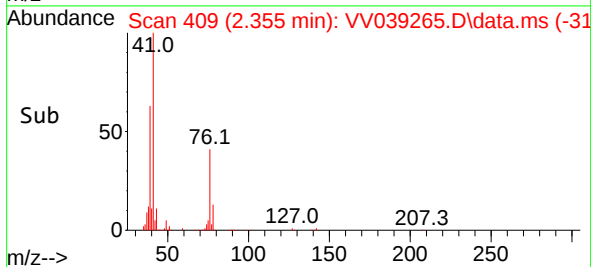
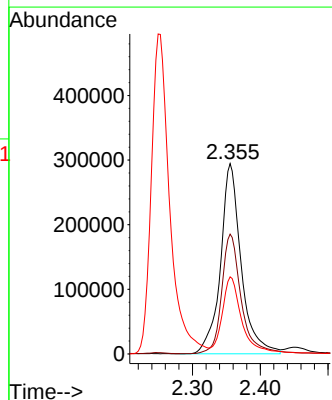
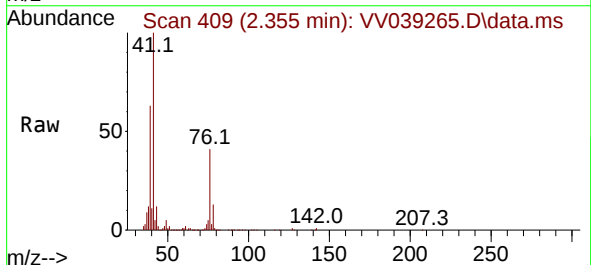
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 30629
Ion Ratio Lower Upper
56 100
55 70.7 56.2 84.4



#14
Allyl chloride
Concen: 42.061 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 41 Resp: 622805
Ion Ratio Lower Upper
41 100
39 59.6 51.0 76.6
76 37.4 28.2 42.4



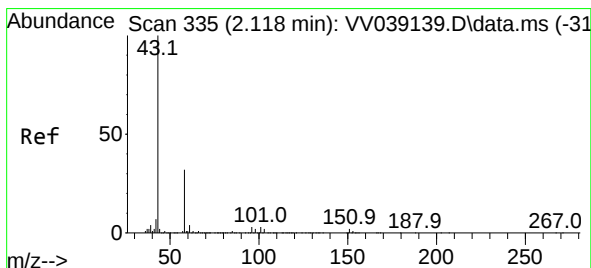
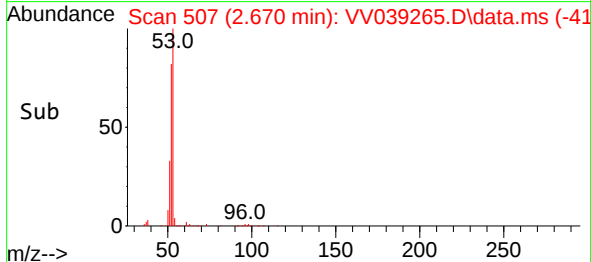
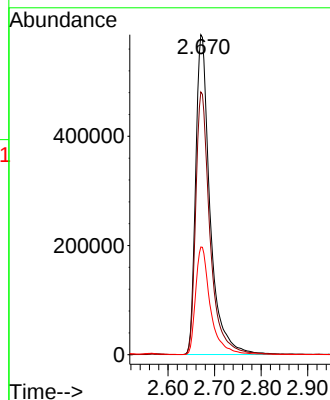
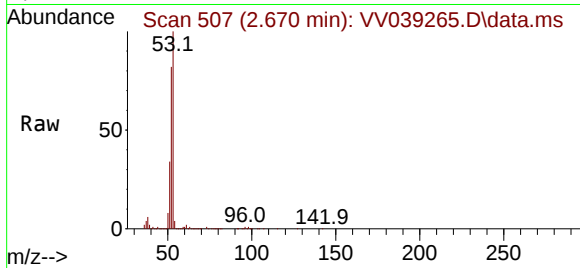


#15
Acrylonitrile
Concen: 233.253 ug/l
RT: 2.670 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 1257503

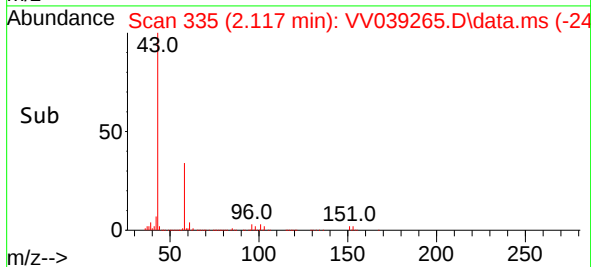
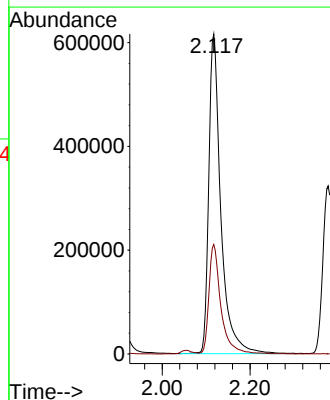
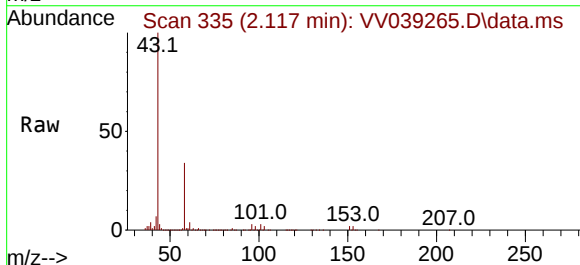
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	34.6	28.5	42.7



#16
Acetone
Concen: 237.359 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 43 Resp: 1171921

Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.8	38.6

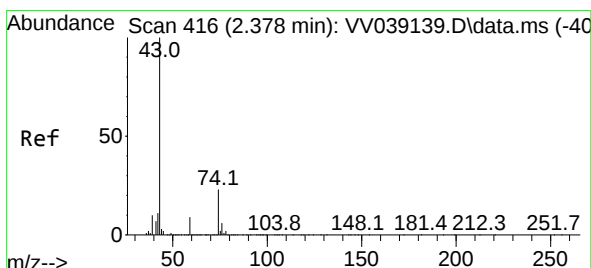
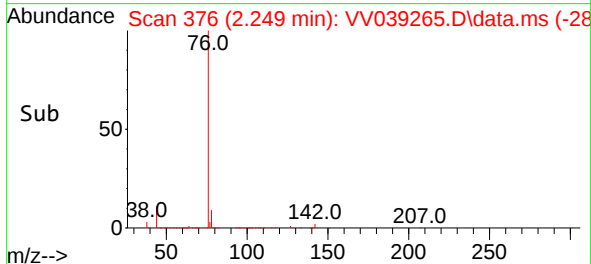
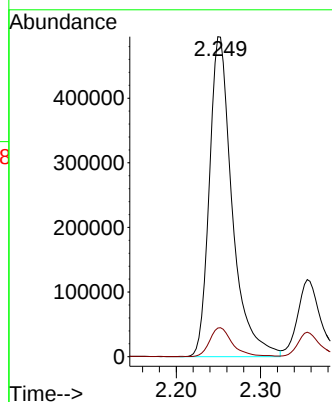
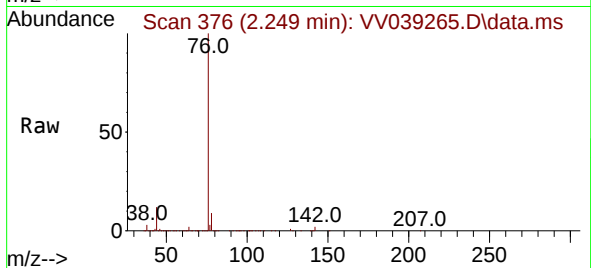




#17
Carbon Disulfide
Concen: 36.813 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

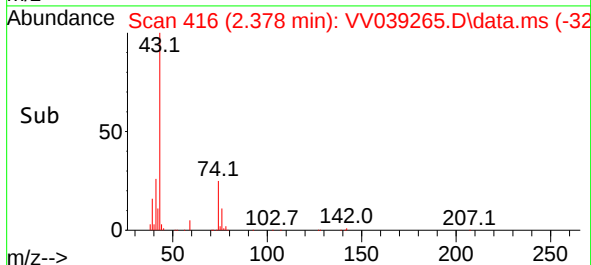
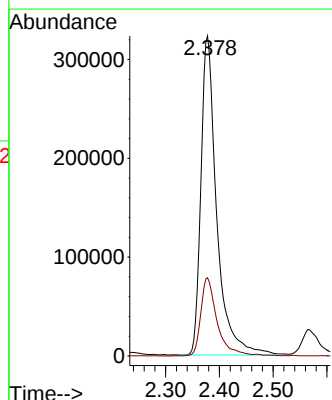
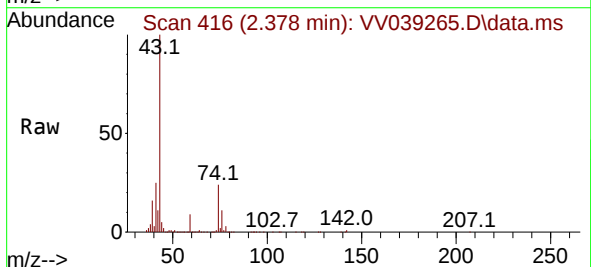
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 933272
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 55.923 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 43 Resp: 659318
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8

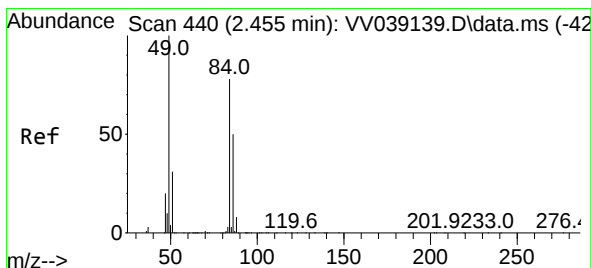
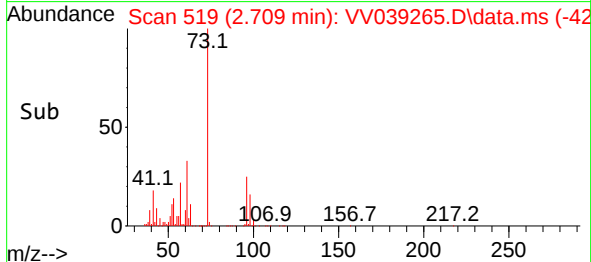
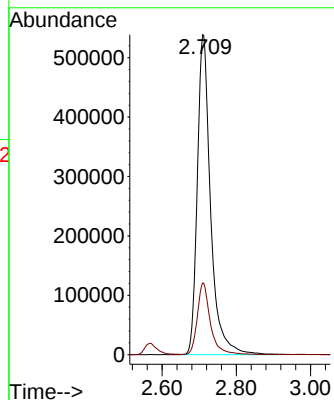
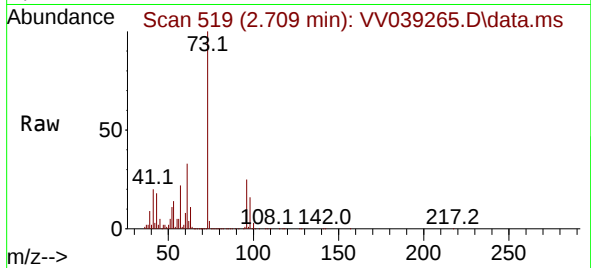




#19
Methyl tert-butyl Ether
Concen: 50.711 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

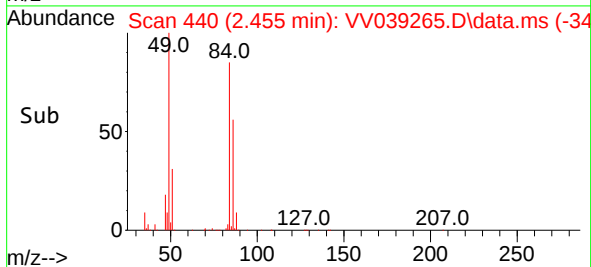
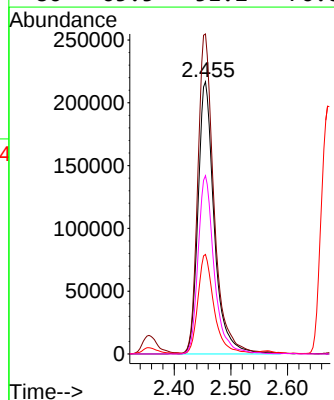
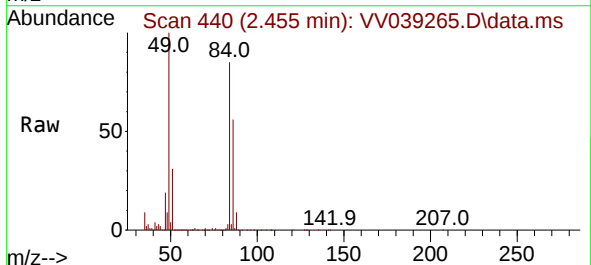
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

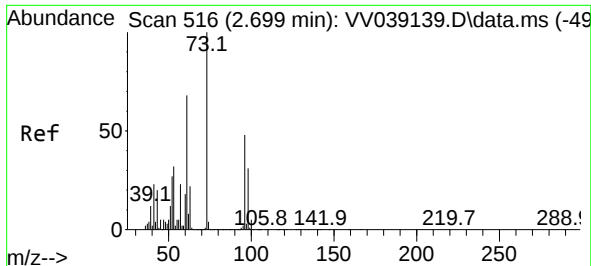
Tgt Ion: 73 Resp: 1339522
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 50.055 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 84 Resp: 430339
Ion Ratio Lower Upper
84 100
49 117.2 102.8 154.2
51 36.2 31.9 47.9
86 65.5 51.2 76.8

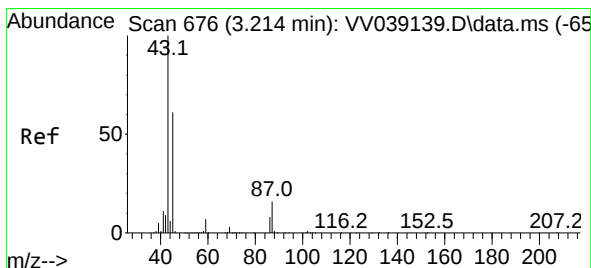
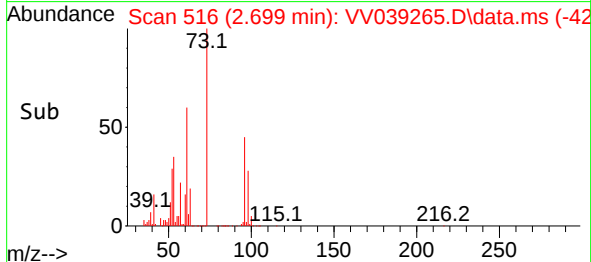
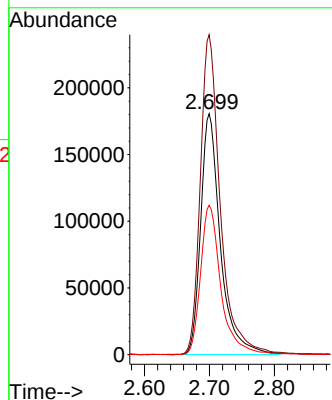
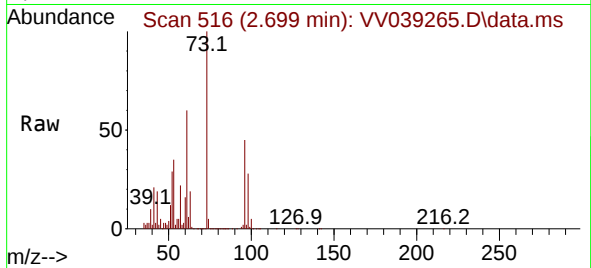




#21
trans-1,2-Dichloroethene
Concen: 43.104 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

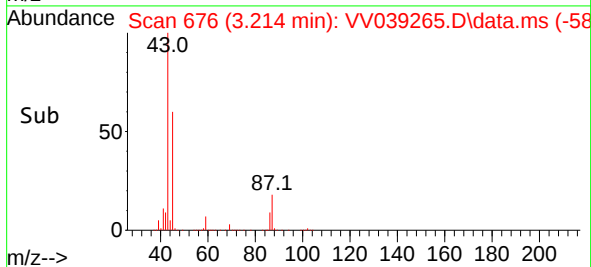
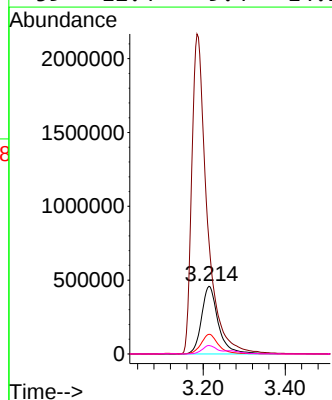
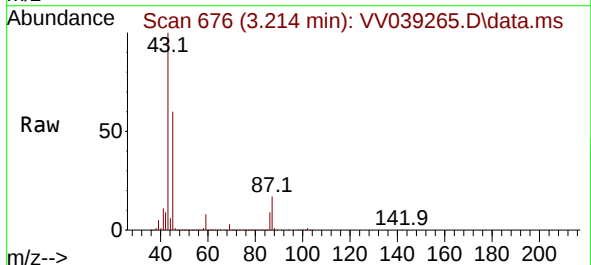
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 380379
Ion Ratio Lower Upper
96 100
61 132.8 112.8 169.2
98 62.0 51.1 76.7



#22
Diisopropyl ether
Concen: 45.828 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 45 Resp: 1298338
Ion Ratio Lower Upper
45 100
43 166.0 130.9 196.3
87 29.0 21.1 31.7
59 12.4 9.4 14.2

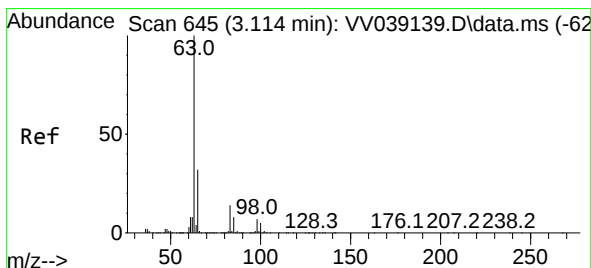
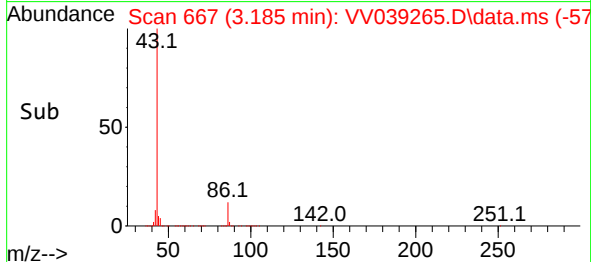
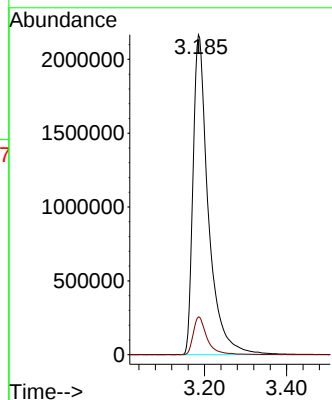
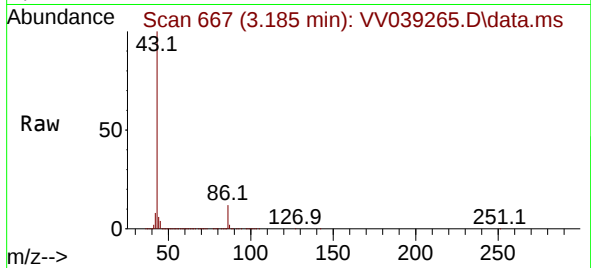




#23
 Vinyl Acetate
 Concen: 226.398 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: VV039265.D
 Acq: 06 Oct 2025 11:46

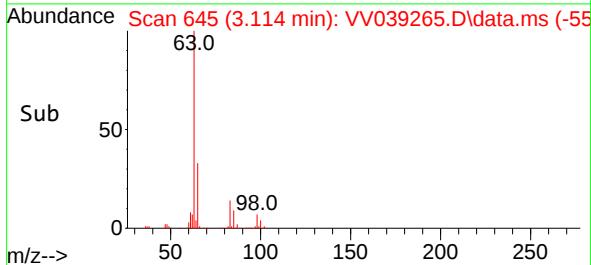
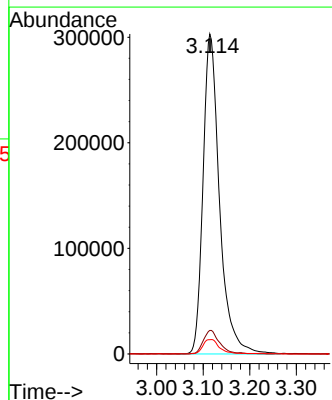
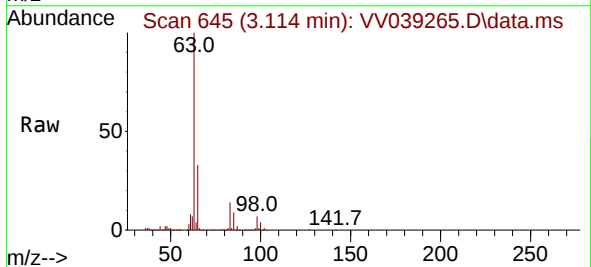
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

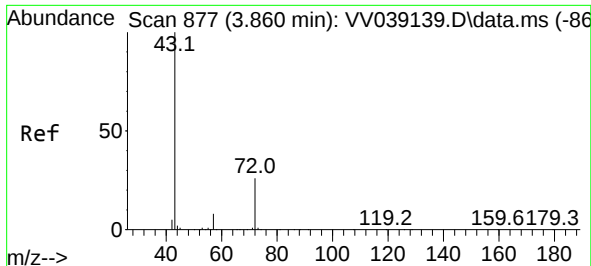
Tgt Ion: 43 Resp: 5610837
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 43.076 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: VV039265.D
 Acq: 06 Oct 2025 11:46

Tgt Ion: 63 Resp: 746285
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.5 2.2 6.6

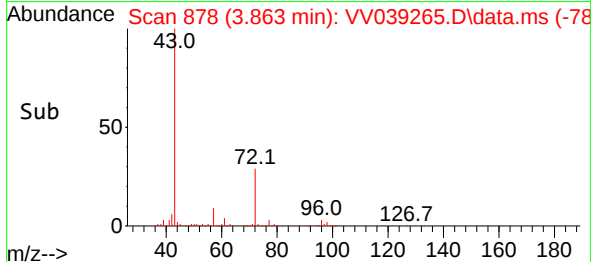
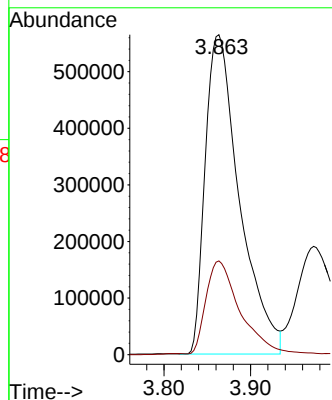
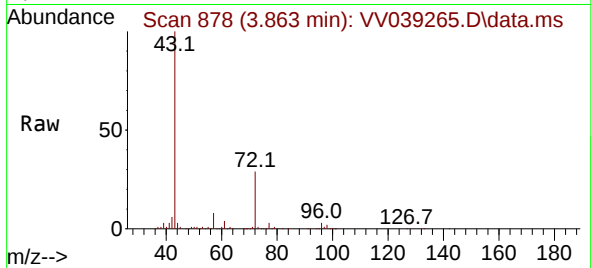




#25
2-Butanone
Concen: 243.785 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

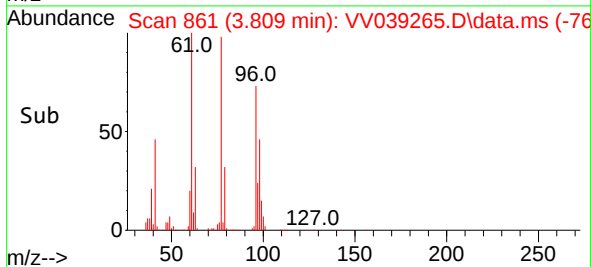
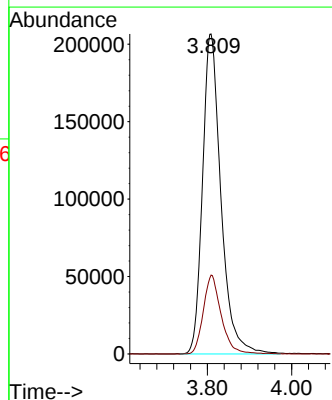
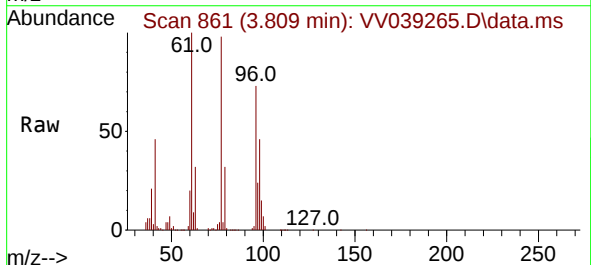
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

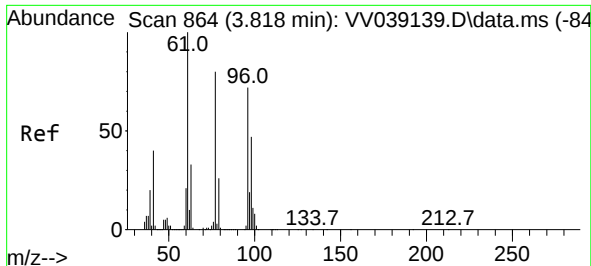
Tgt Ion: 43 Resp: 1553352
Ion Ratio Lower Upper
43 100
72 29.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 40.844 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 77 Resp: 627429
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7



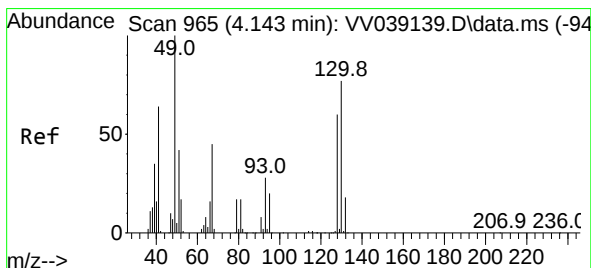
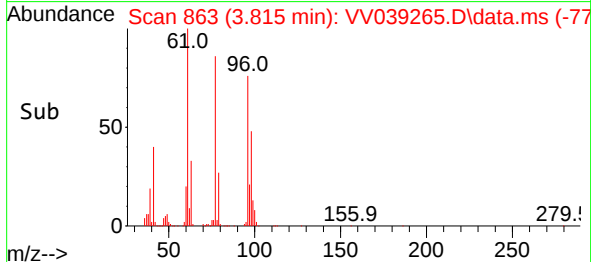
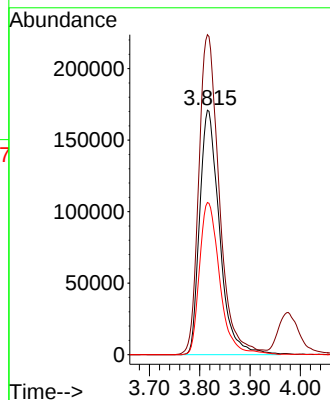
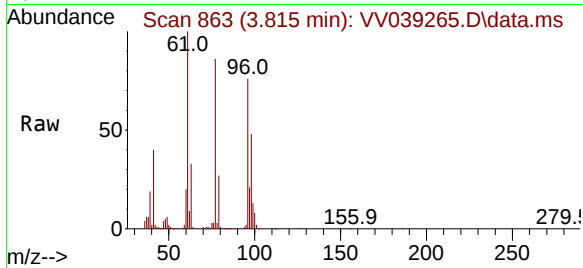


#27
 cis-1,2-Dichloroethene
 Concen: 48.141 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039265.D
 Acq: 06 Oct 2025 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 468541

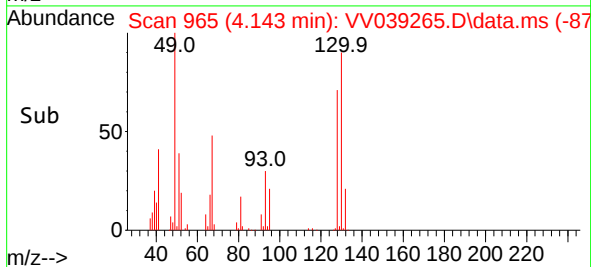
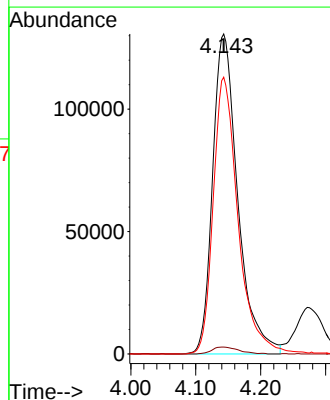
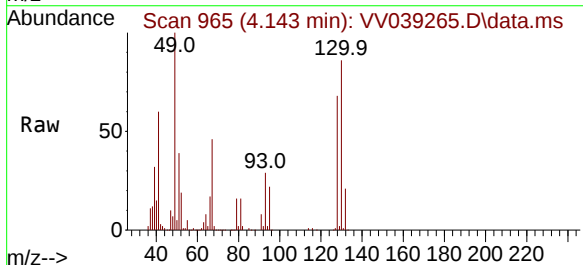
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	286.4
98	63.5	0.0	126.6

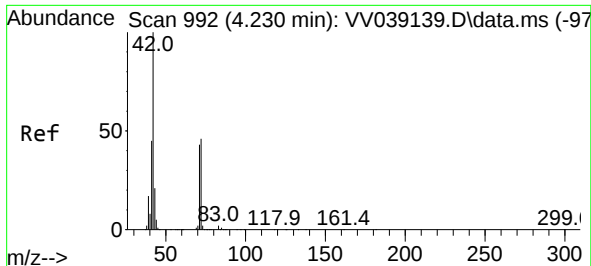


#28
 Bromochloromethane
 Concen: 45.907 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV039265.D
 Acq: 06 Oct 2025 11:46

Tgt Ion: 49 Resp: 351114

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	85.7	60.2	90.2





#29

Tetrahydrofuran

Concen: 244.039 ug/l

RT: 4.233 min Scan# 992

Delta R.T. 0.003 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

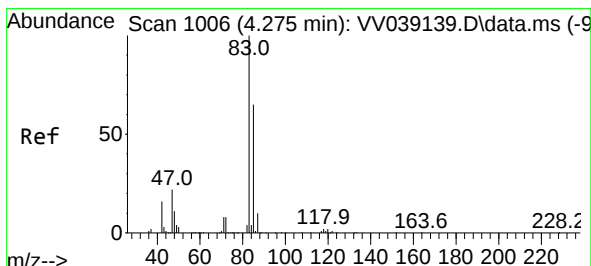
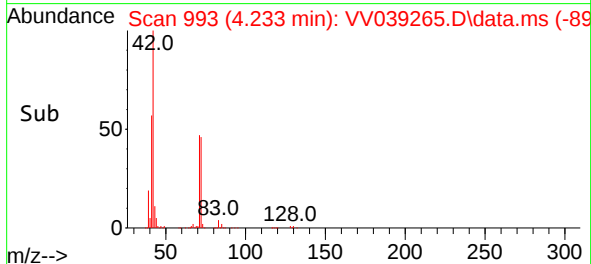
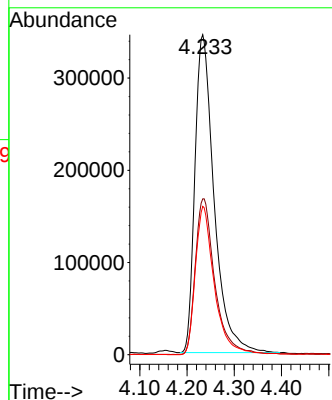
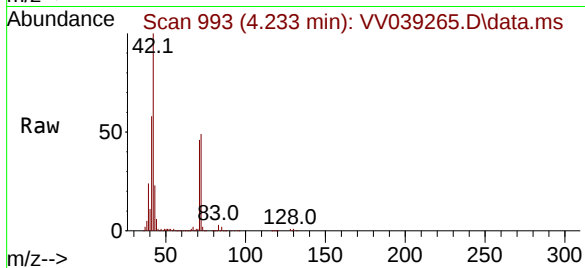
Tgt Ion: 42 Resp: 973295

Ion Ratio Lower Upper

42 100

72 49.9 36.3 54.5

71 46.1 34.3 51.5



#30

Chloroform

Concen: 43.631 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV039265.D

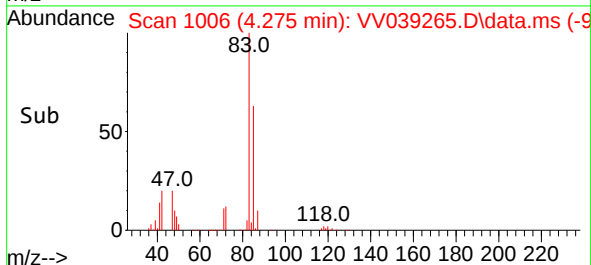
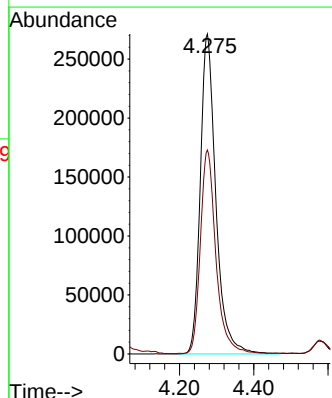
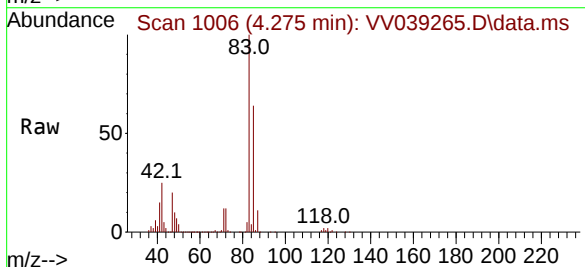
Acq: 06 Oct 2025 11:46

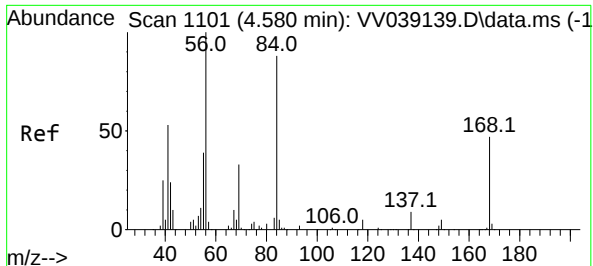
Tgt Ion: 83 Resp: 789323

Ion Ratio Lower Upper

83 100

85 63.5 52.1 78.1

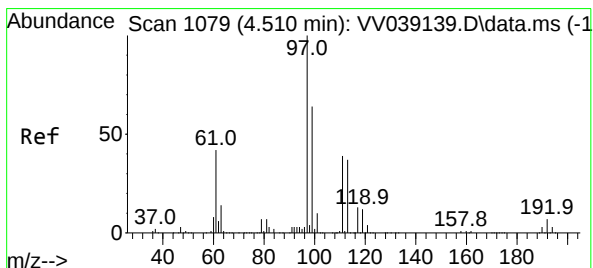
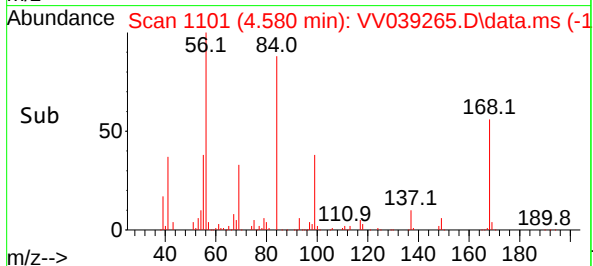
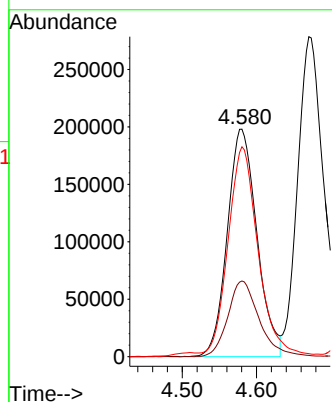
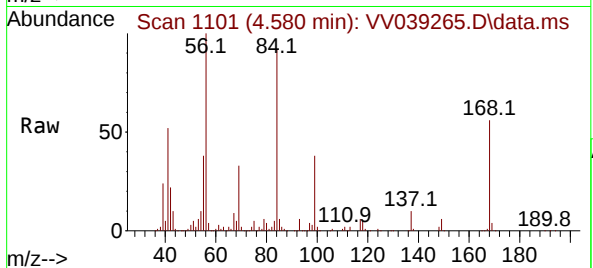




#31
Cyclohexane
Concen: 38.756 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

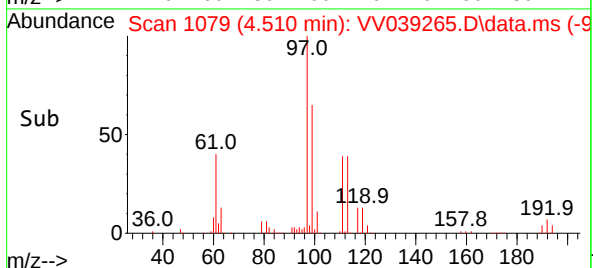
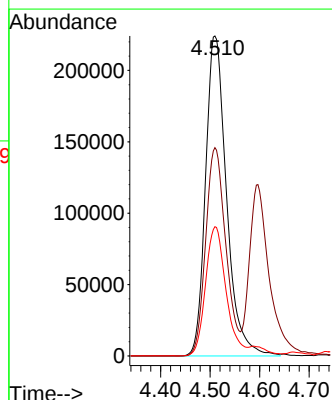
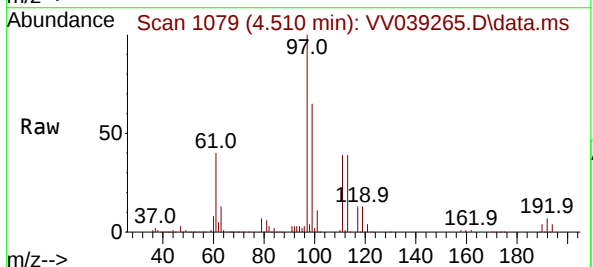
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 550038
Ion Ratio Lower Upper
56 100
69 33.3 26.2 39.2
84 90.9 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 42.146 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 97 Resp: 660090
Ion Ratio Lower Upper
97 100
99 62.5 49.6 74.4
61 39.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 38.052 ug/l

RT: 4.940 min Scan# 1212

Delta R.T. 0.003 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

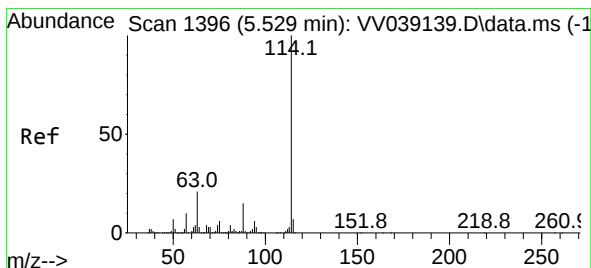
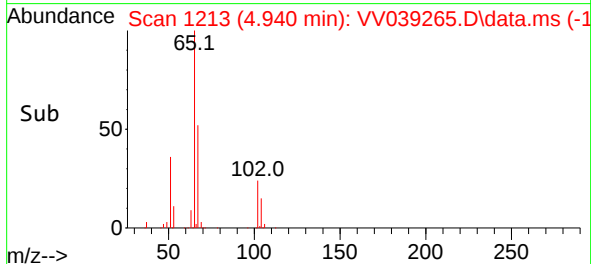
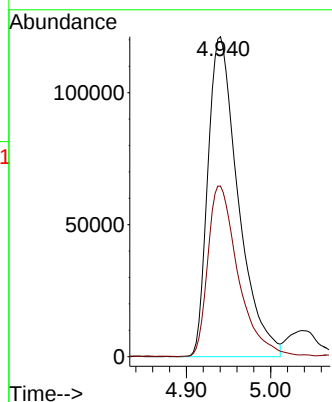
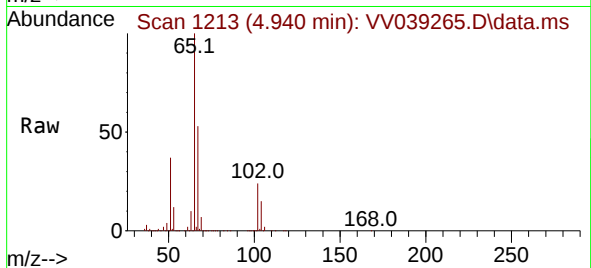
VSTDCCC050

Tgt Ion: 65 Resp: 302786

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: VV039265.D

Acq: 06 Oct 2025 11:46

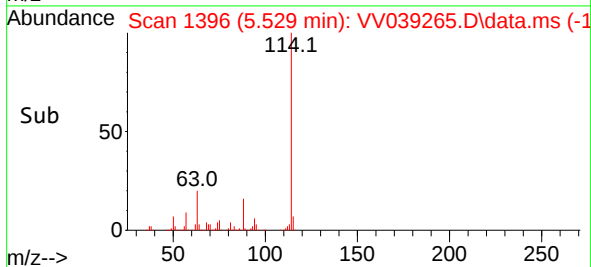
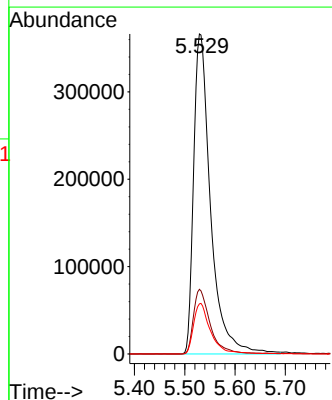
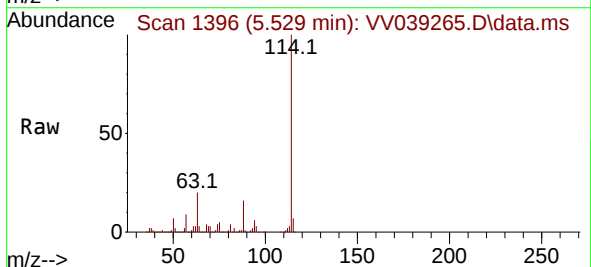
Tgt Ion: 114 Resp: 857645

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.6 0.0 30.8

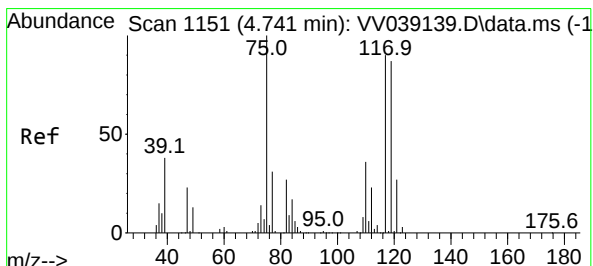
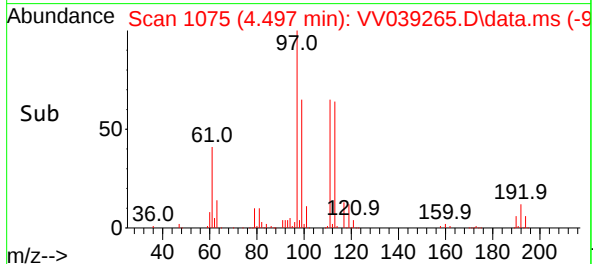
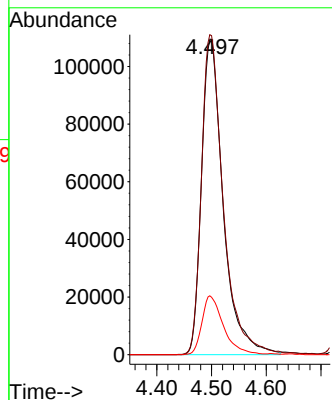
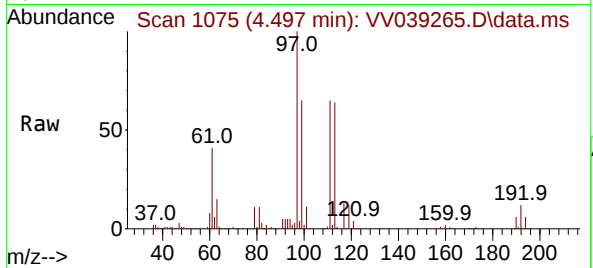




#35
Dibromofluoromethane
Concen: 43.769 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

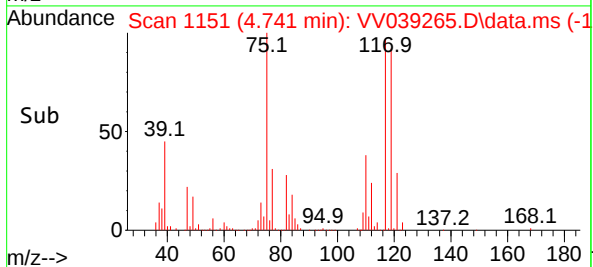
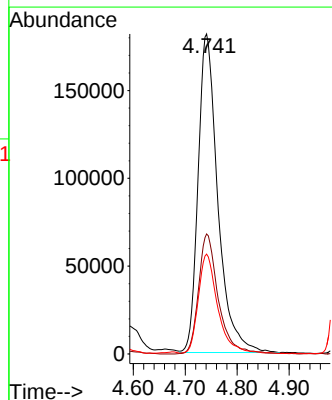
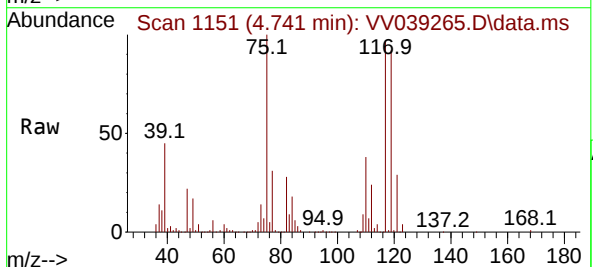
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

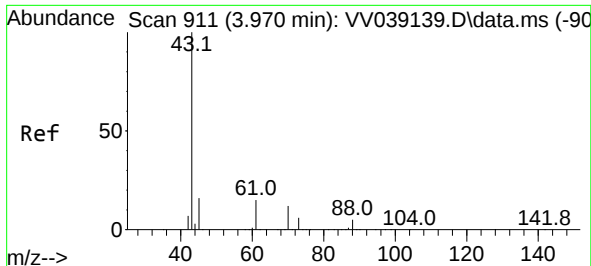
Tgt Ion:113 Resp: 301779
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.5 13.8 20.8



#36
1,1-Dichloropropene
Concen: 45.909 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 75 Resp: 478564
Ion Ratio Lower Upper
75 100
110 37.7 18.1 54.1
77 30.1 24.8 37.2

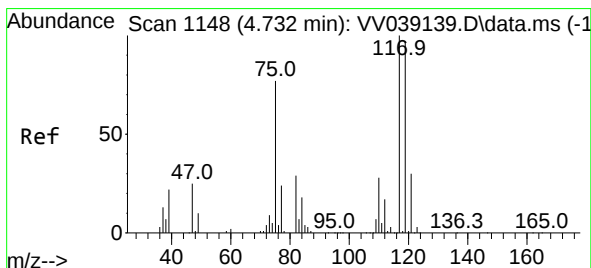
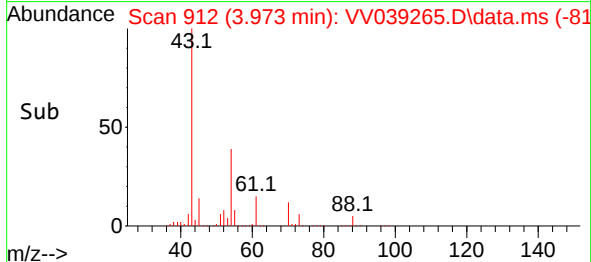
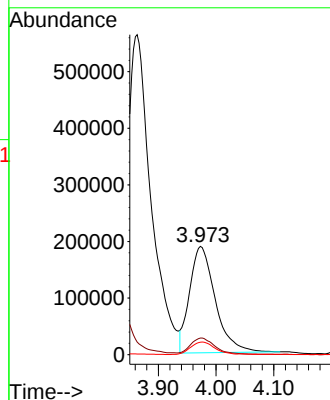
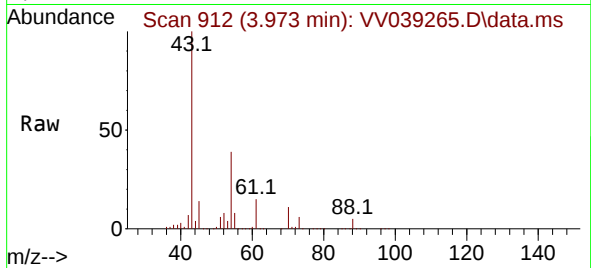




#37
Ethyl Acetate
Concen: 45.976 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

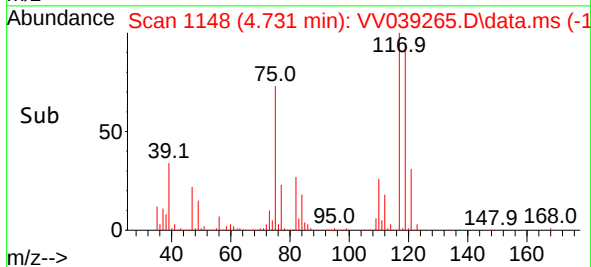
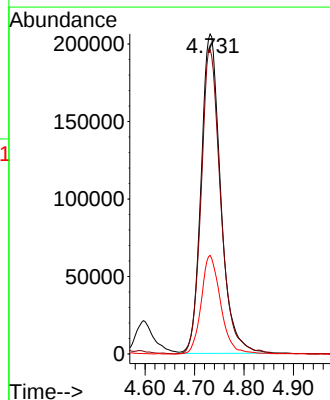
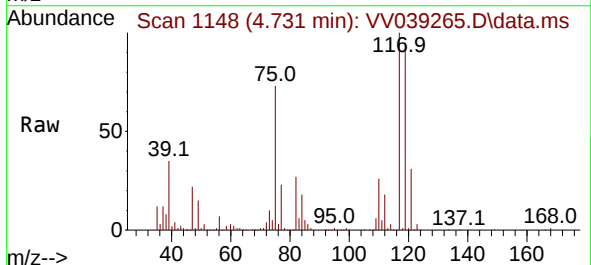
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

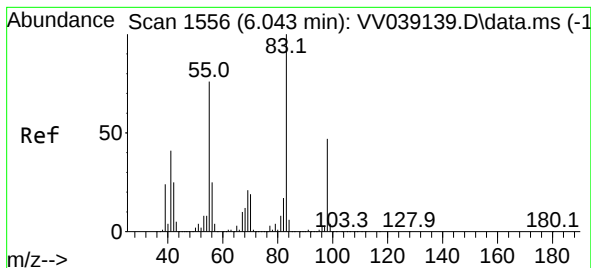
Tgt Ion: 43 Resp: 581548
Ion Ratio Lower Upper
43 100
61 14.6 10.3 15.5
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 44.427 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.001 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 117 Resp: 565995
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 44.851 ug/l

RT: 6.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

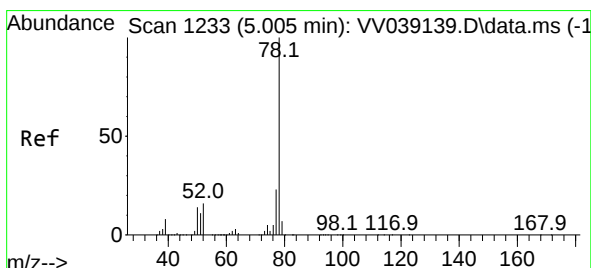
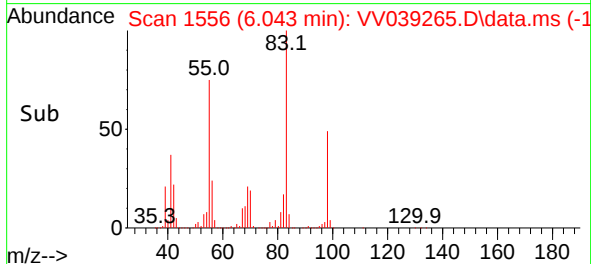
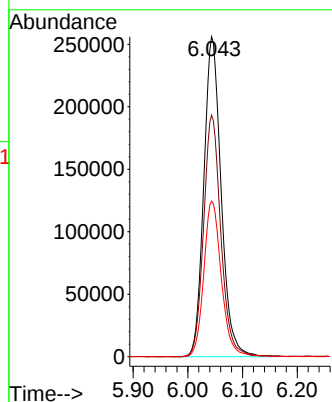
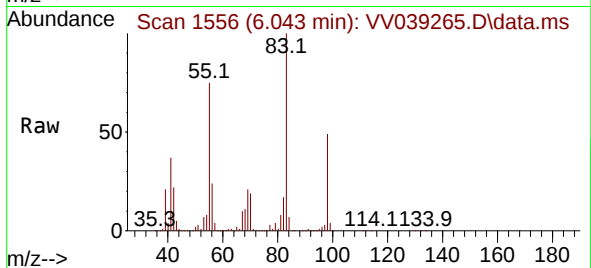
Tgt Ion: 83 Resp: 564616

Ion Ratio Lower Upper

83 100

55 75.5 60.5 90.7

98 48.6 37.8 56.6



#40

Benzene

Concen: 46.619 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VV039265.D

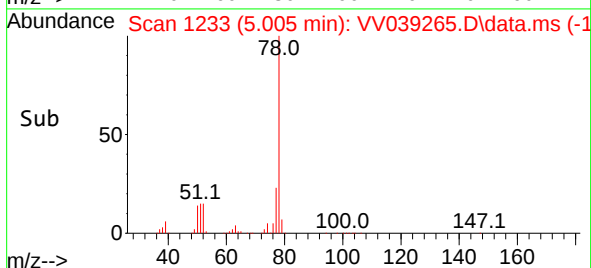
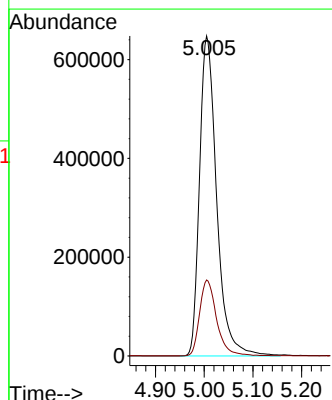
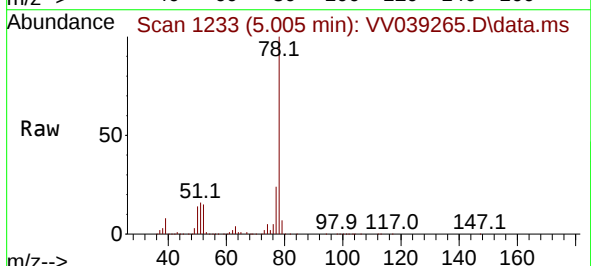
Acq: 06 Oct 2025 11:46

Tgt Ion: 78 Resp: 1582483

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1



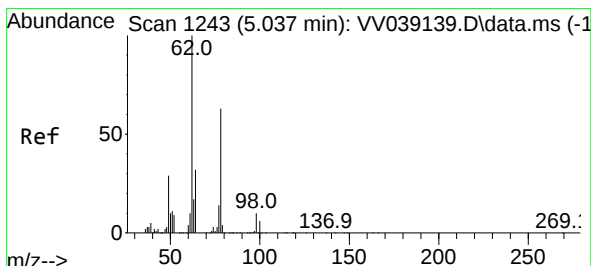
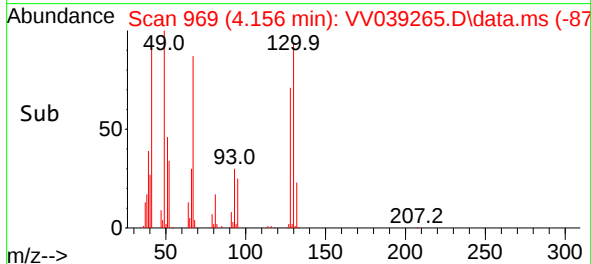
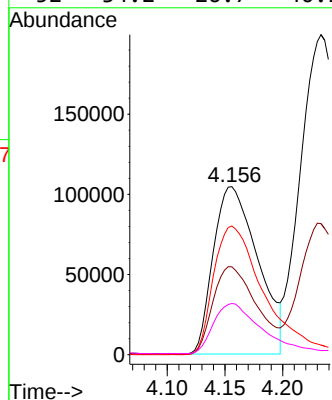
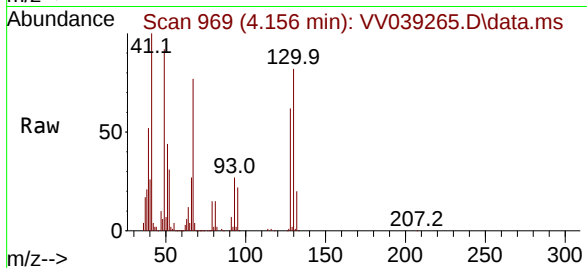


#41
Methacrylonitrile
Concen: 49.040 ug/l
RT: 4.156 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 280245

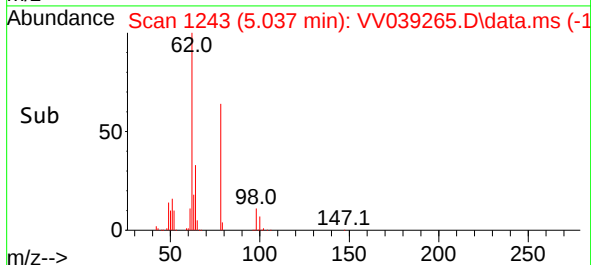
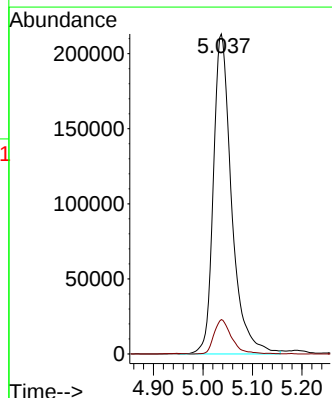
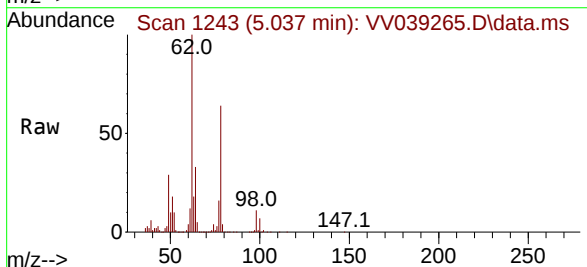
Ion	Ratio	Lower	Upper
41	100		
39	51.6	42.2	63.2
67	89.6	67.9	101.9
52	34.2	26.7	40.1

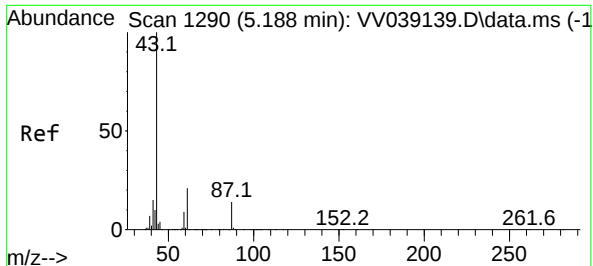


#42
1,2-Dichloroethane
Concen: 45.962 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 62 Resp: 546666

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2

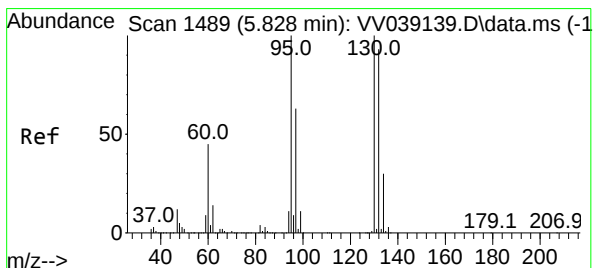
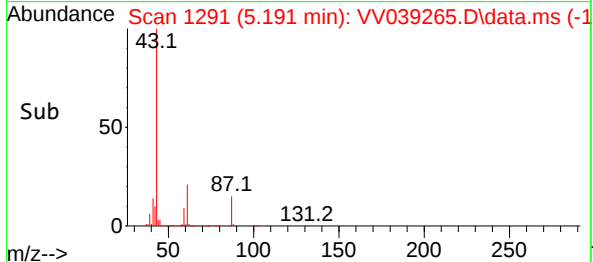
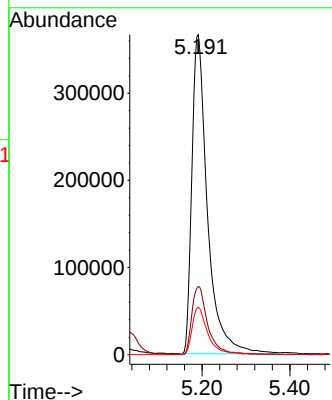
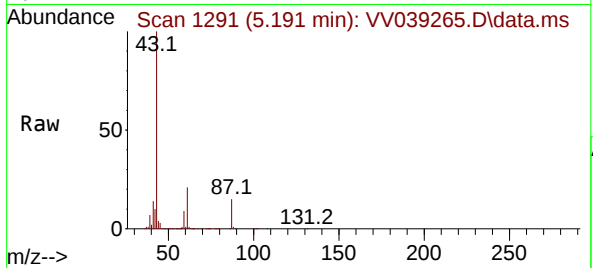




#43
Isopropyl Acetate
Concen: 52.355 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

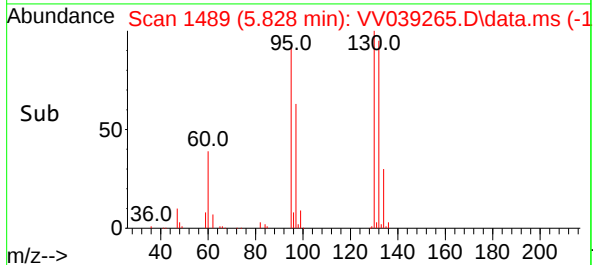
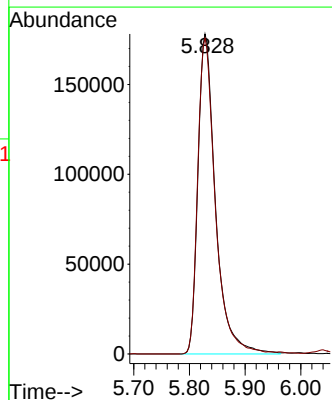
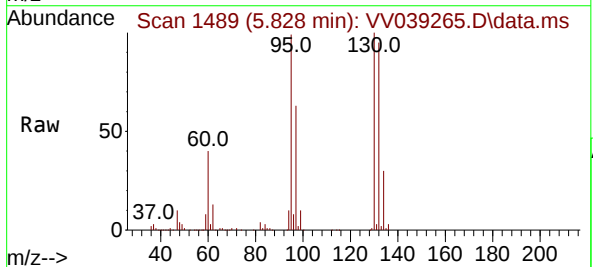
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

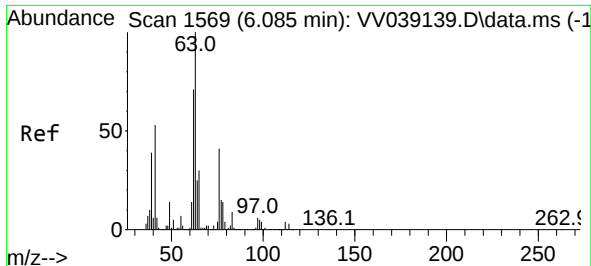
Tgt Ion: 43 Resp: 902941
Ion Ratio Lower Upper
43 100
61 21.6 15.9 23.9
87 14.5 11.0 16.6



#44
Trichloroethene
Concen: 49.898 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion:130 Resp: 390848
Ion Ratio Lower Upper
130 100
95 98.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 48.416 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

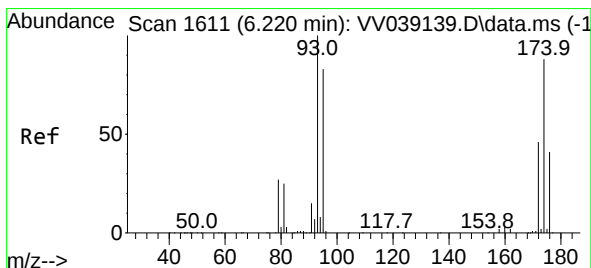
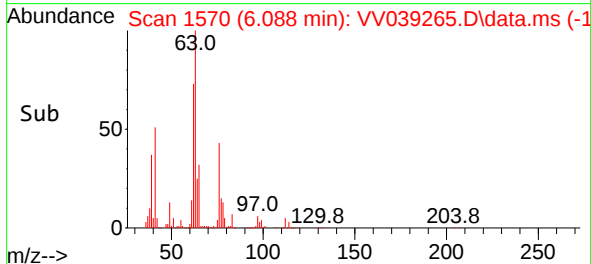
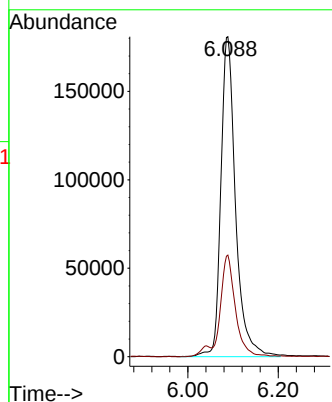
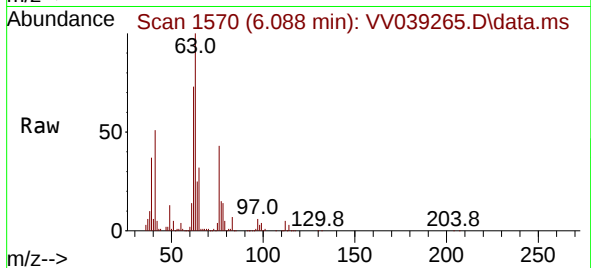
VSTDCCC050

Tgt Ion: 63 Resp: 408500

Ion Ratio Lower Upper

63 100

65 31.7 23.7 35.5



#46

Dibromomethane

Concen: 48.771 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

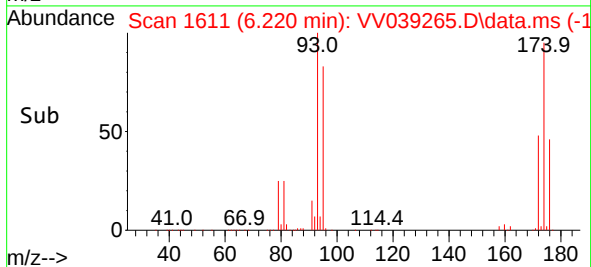
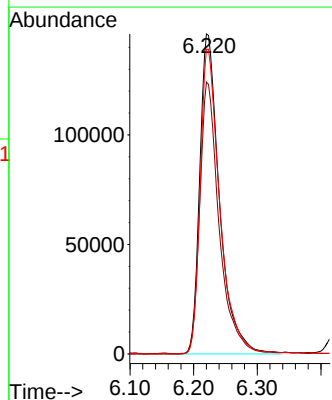
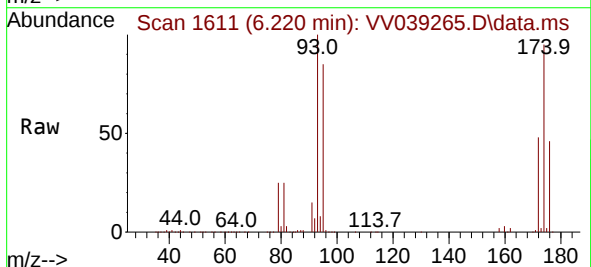
Tgt Ion: 93 Resp: 314950

Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

174 94.6 69.0 103.4

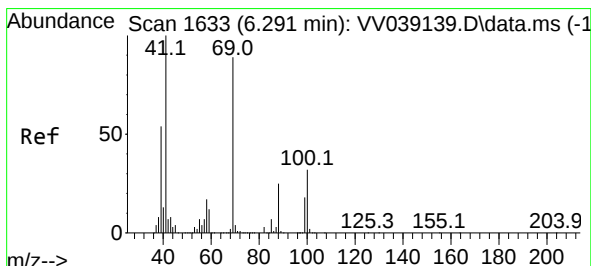
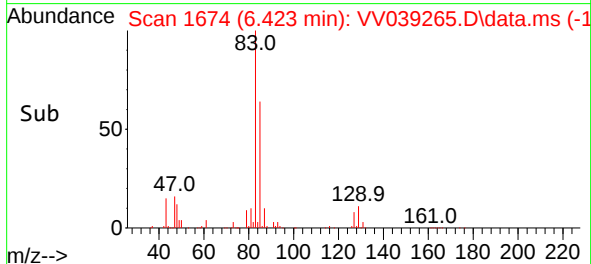
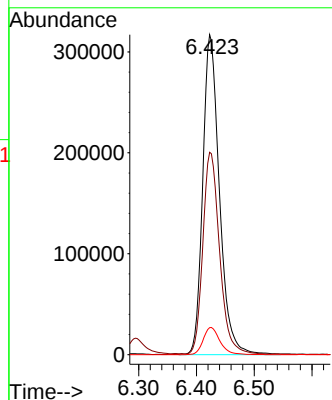
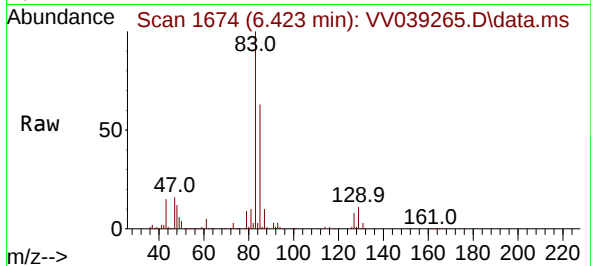




#47
Bromodichloromethane
Concen: 47.707 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

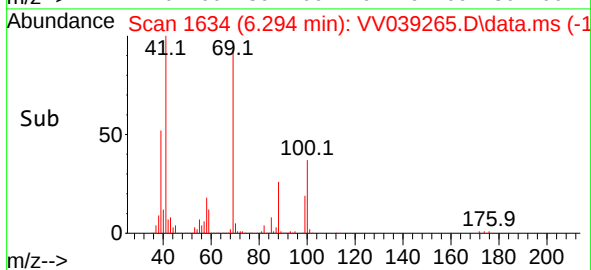
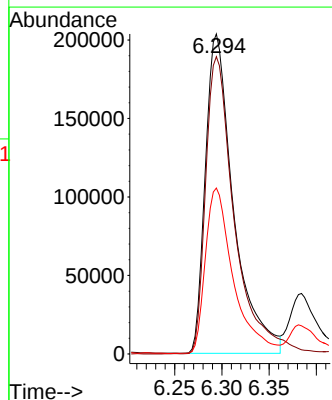
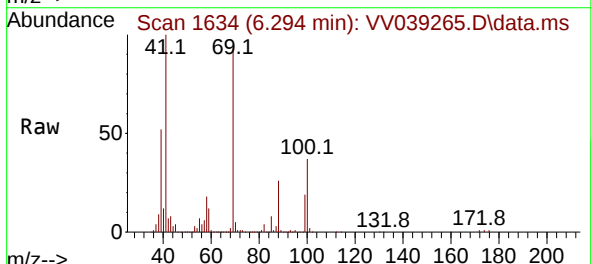
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

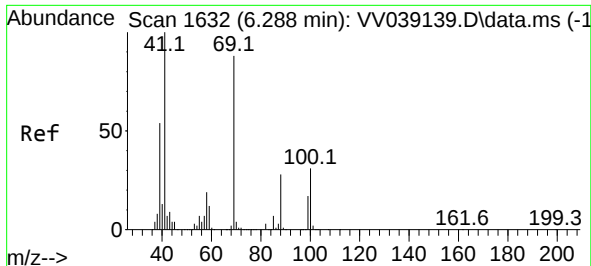
Tgt Ion: 83 Resp: 636905
Ion Ratio Lower Upper
83 100
85 63.1 49.7 74.5
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 53.865 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 41 Resp: 421117
Ion Ratio Lower Upper
41 100
69 95.7 72.4 108.6
39 51.5 42.5 63.7





#49

1,4-Dioxane

Concen: 1078.345 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

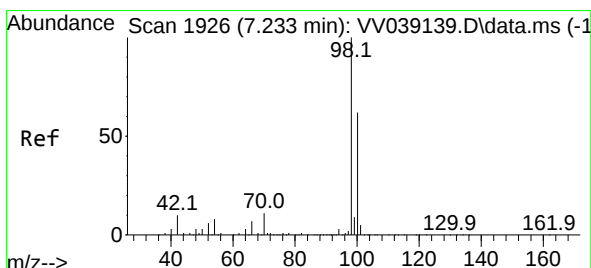
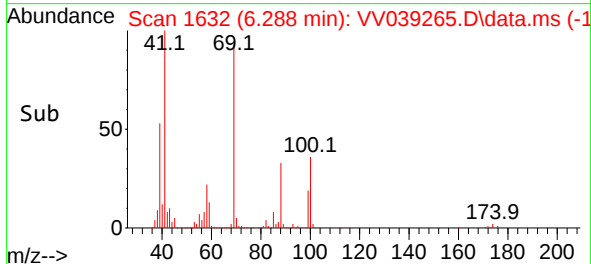
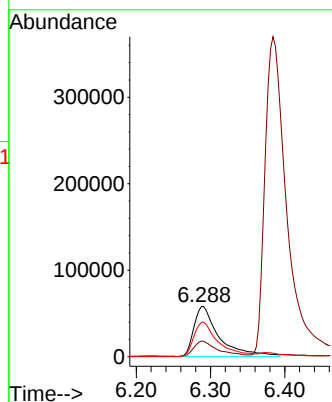
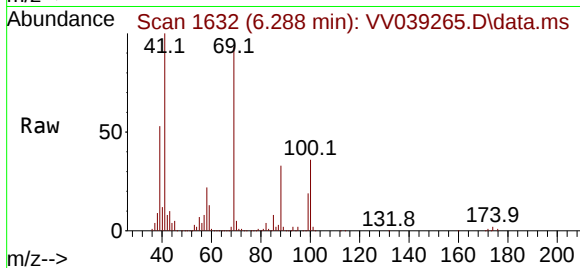
Tgt Ion: 88 Resp: 136049

Ion Ratio Lower Upper

88 100

43 29.8 25.1 37.7

58 67.4 53.6 80.4



#50

Toluene-d8

Concen: 39.770 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV039265.D

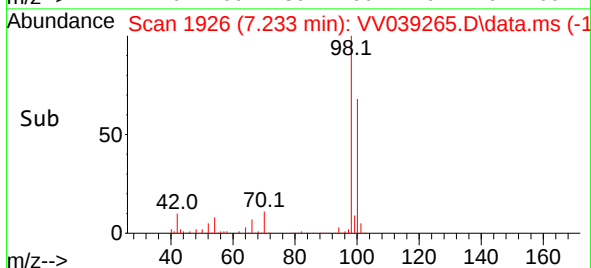
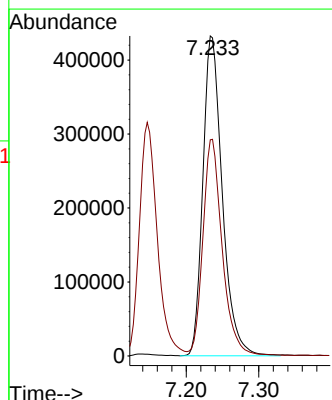
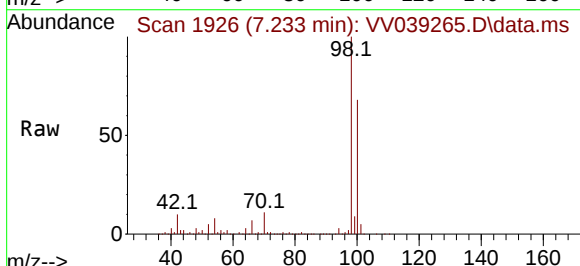
Acq: 06 Oct 2025 11:46

Tgt Ion: 98 Resp: 805345

Ion Ratio Lower Upper

98 100

100 66.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 269.475 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

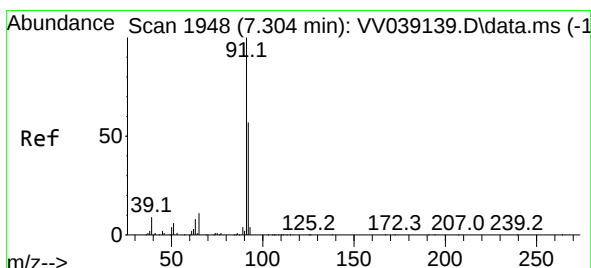
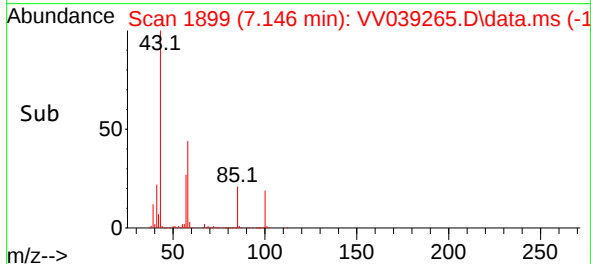
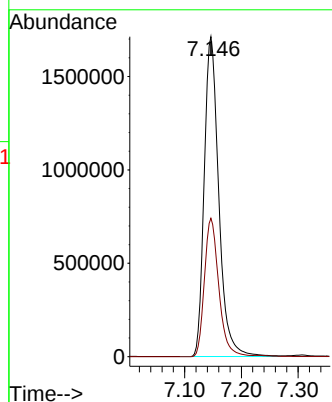
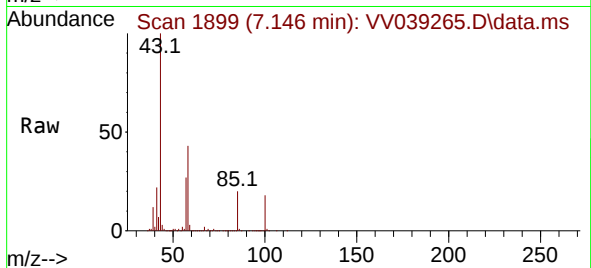
VSTDCCC050

Tgt Ion: 43 Resp: 3057521

Ion Ratio Lower Upper

43 100

58 42.7 32.3 48.5



#52

Toluene

Concen: 51.024 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039265.D

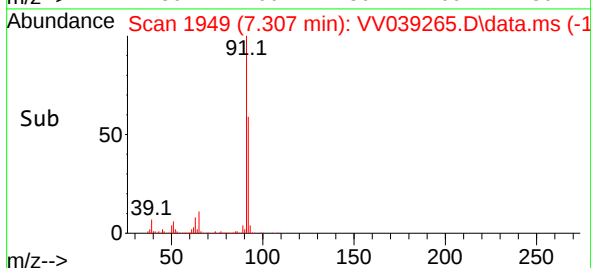
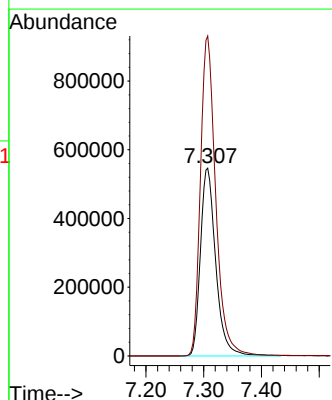
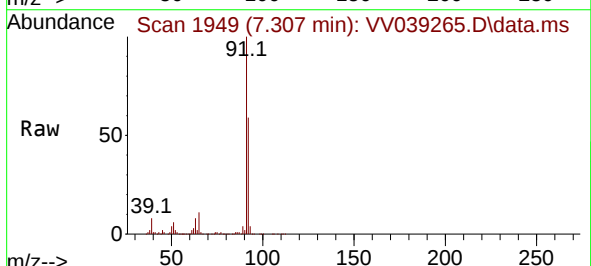
Acq: 06 Oct 2025 11:46

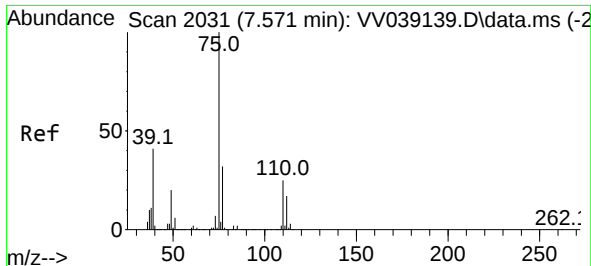
Tgt Ion: 92 Resp: 1004223

Ion Ratio Lower Upper

92 100

91 170.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.123 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

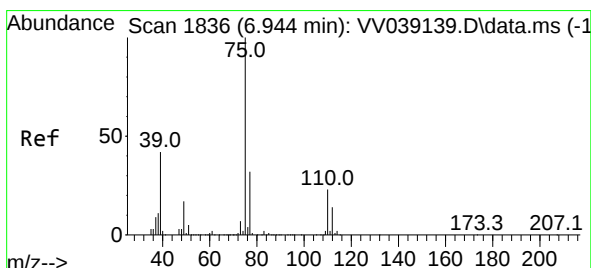
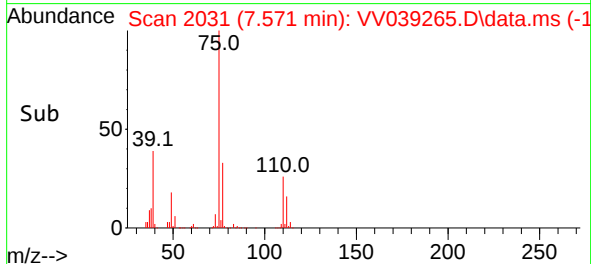
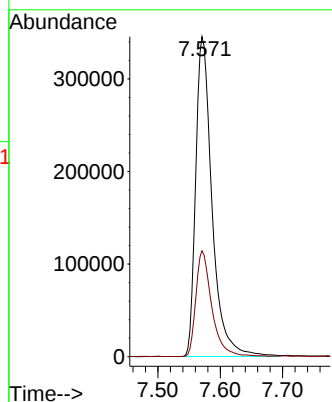
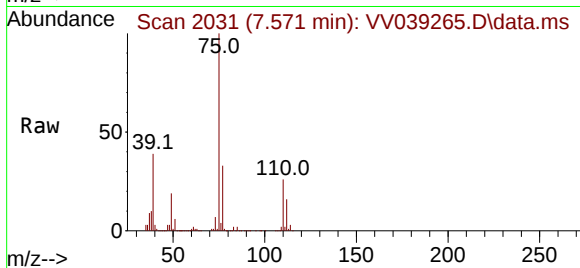
VSTDCCC050

Tgt Ion: 75 Resp: 629695

Ion Ratio Lower Upper

75 100

77 33.1 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 52.504 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

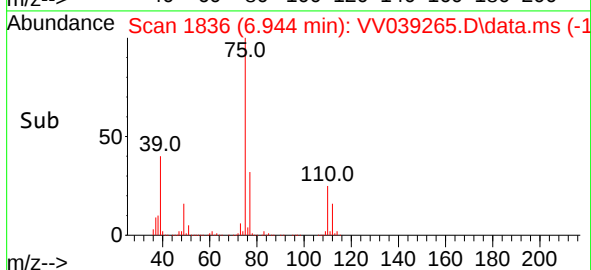
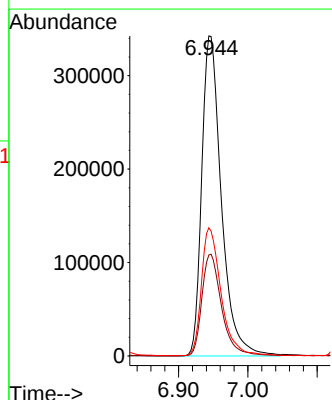
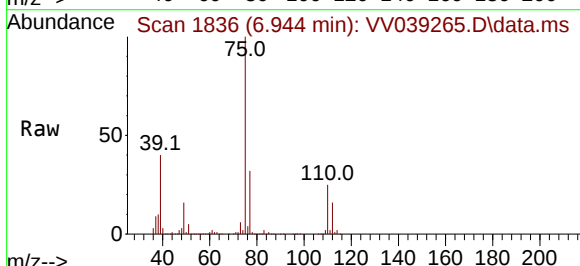
Tgt Ion: 75 Resp: 674364

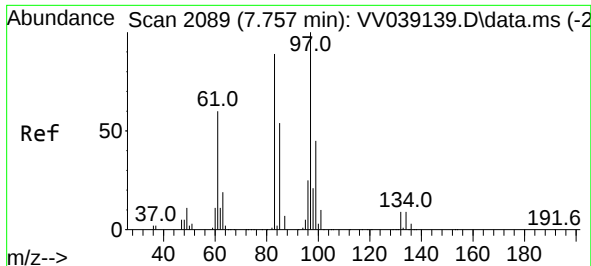
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 39.9 33.8 50.6



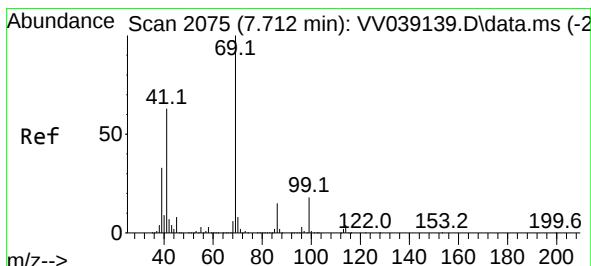
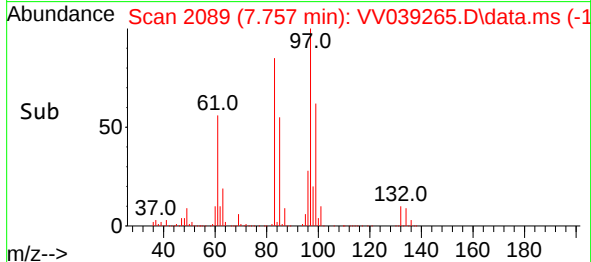
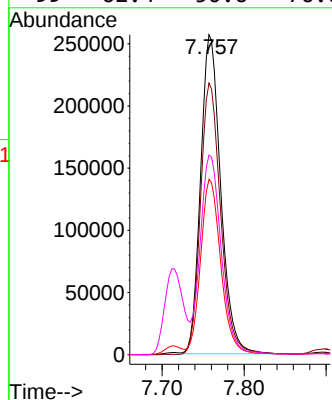
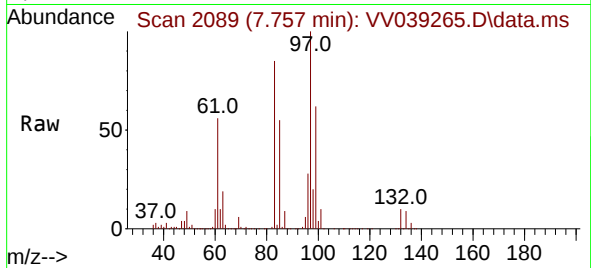


#55
1,1,2-Trichloroethane
Concen: 49.383 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 435801

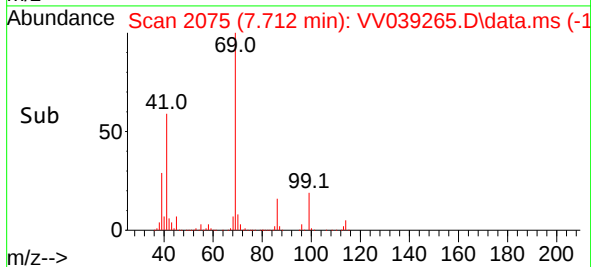
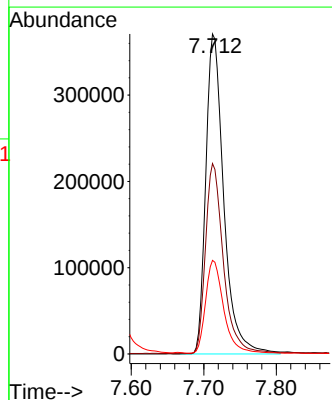
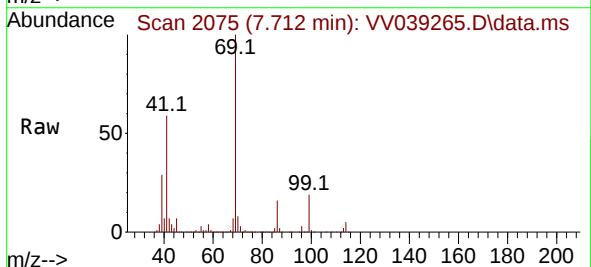
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.1	106.7
85	54.7	44.6	67.0
99	62.4	50.6	76.0

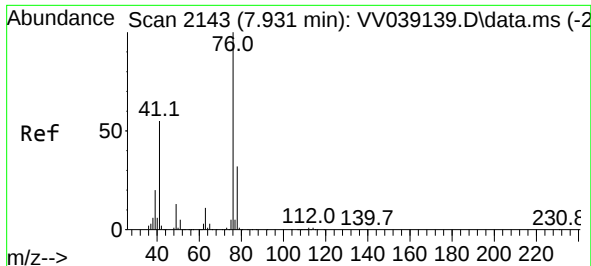


#56
Ethyl methacrylate
Concen: 60.954 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 69 Resp: 638805

Ion	Ratio	Lower	Upper
69	100		
41	59.4	50.7	76.1
39	29.0	26.0	39.0





#57

1,3-Dichloropropane

Concen: 50.741 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

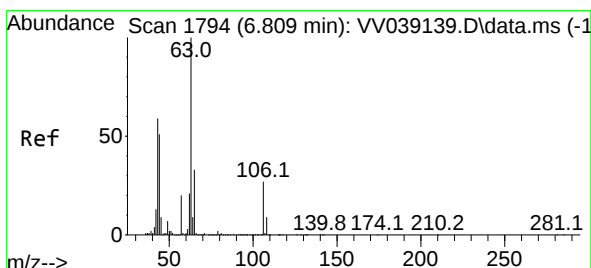
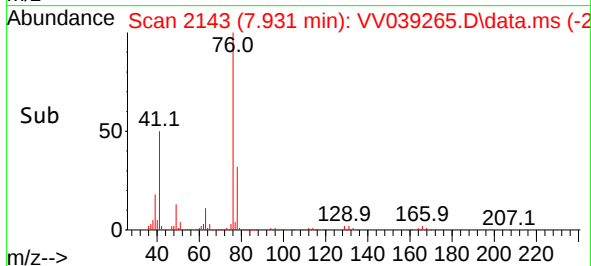
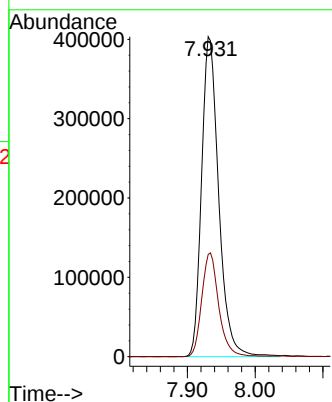
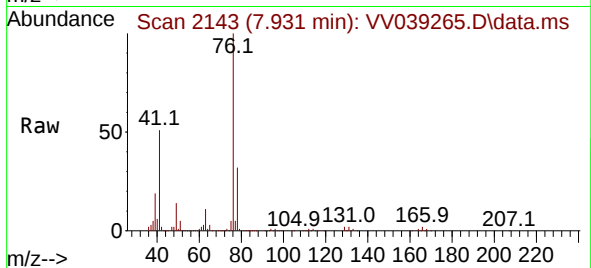
VSTDCCC050

Tgt Ion: 76 Resp: 706676

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 217.553 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039265.D

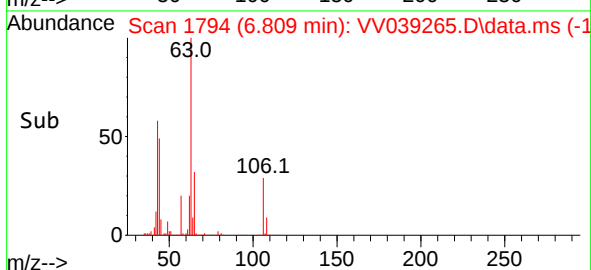
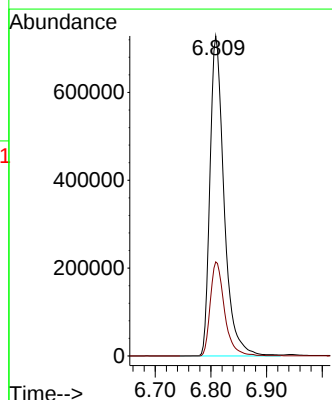
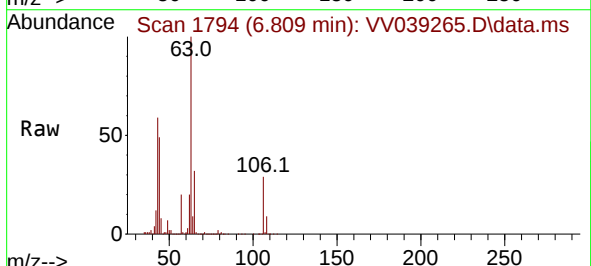
Acq: 06 Oct 2025 11:46

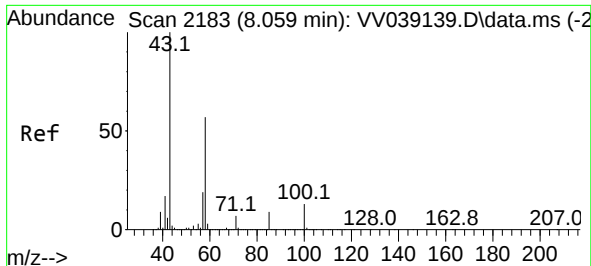
Tgt Ion: 63 Resp: 1279697

Ion Ratio Lower Upper

63 100

106 29.7 22.1 33.1





#59

2-Hexanone

Concen: 250.435 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. 0.004 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

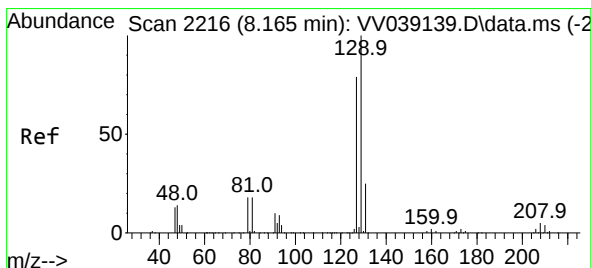
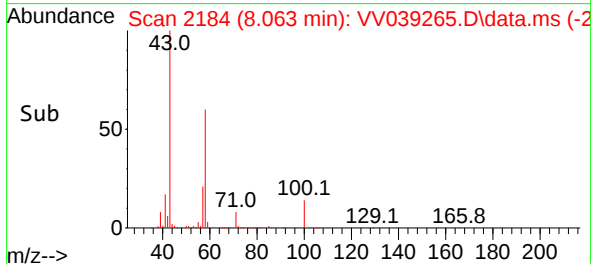
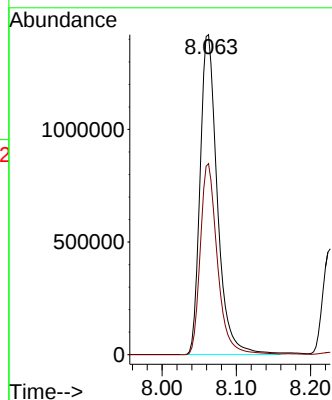
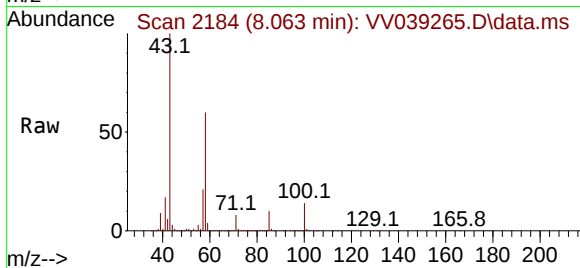
VSTDCCC050

Tgt Ion: 43 Resp: 2293667

Ion Ratio Lower Upper

43 100

58 59.3 28.3 85.0



#60

Dibromochloromethane

Concen: 51.353 ug/l

RT: 8.165 min Scan# 2216

Delta R.T. -0.000 min

Lab File: VV039265.D

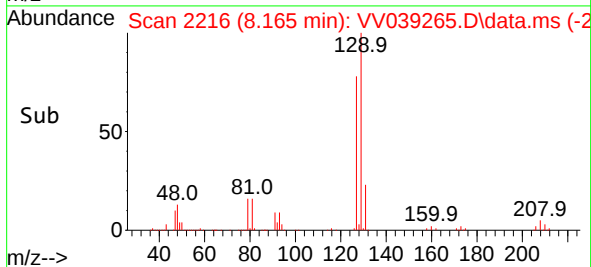
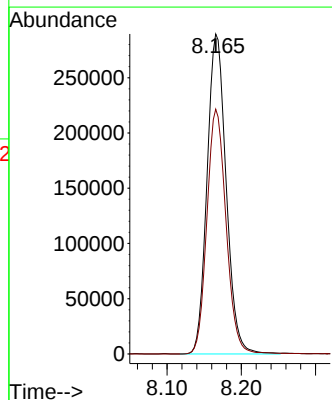
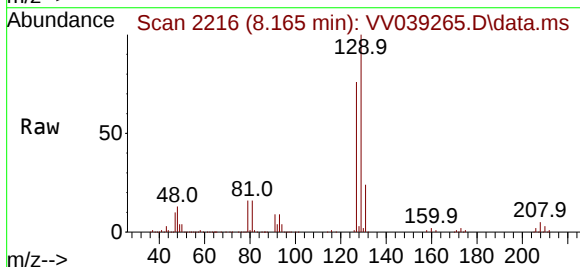
Acq: 06 Oct 2025 11:46

Tgt Ion: 129 Resp: 516377

Ion Ratio Lower Upper

129 100

127 76.9 39.3 117.9

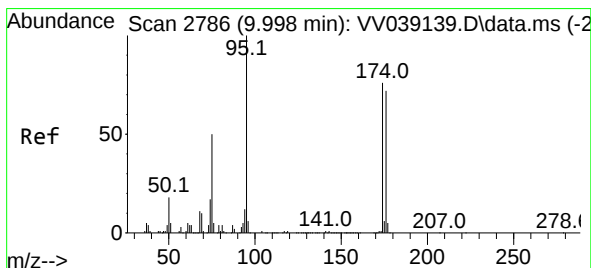
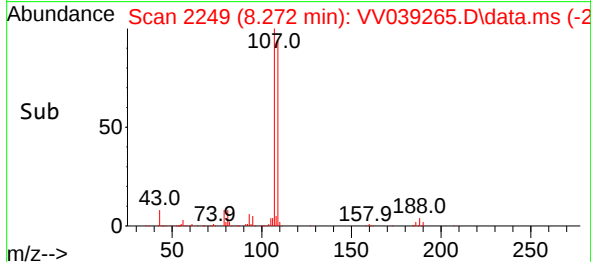
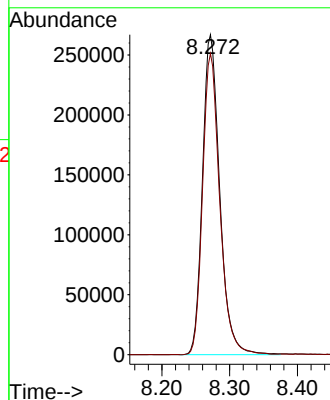
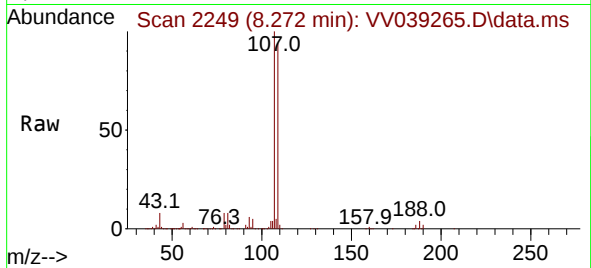




#61
1,2-Dibromoethane
Concen: 52.204 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

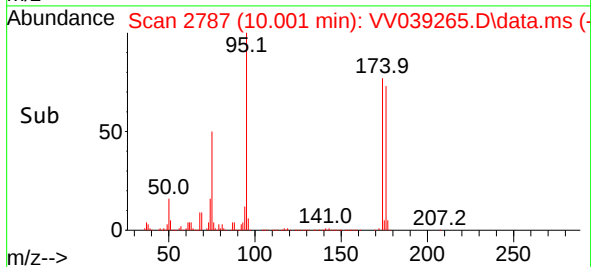
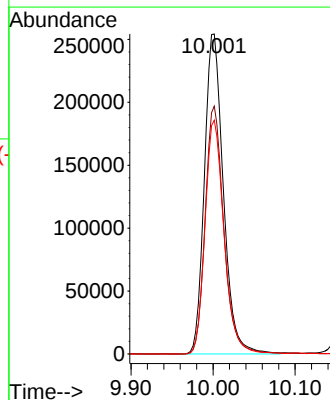
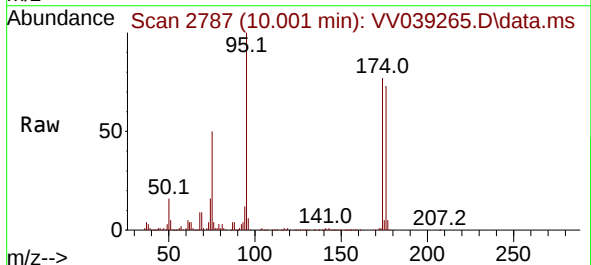
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

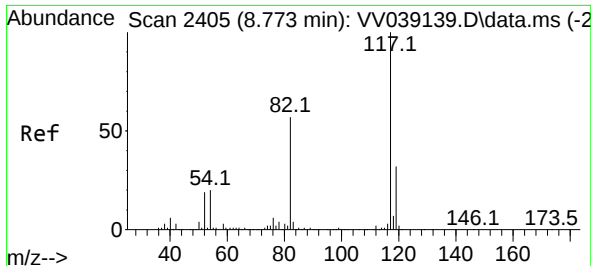
Tgt Ion:107 Resp: 471143
Ion Ratio Lower Upper
107 100
109 93.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 95 Resp: 408519
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 73.3 0.0 144.2

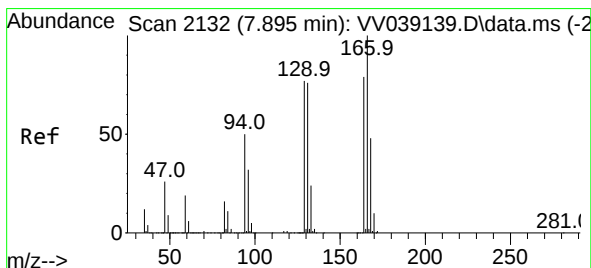
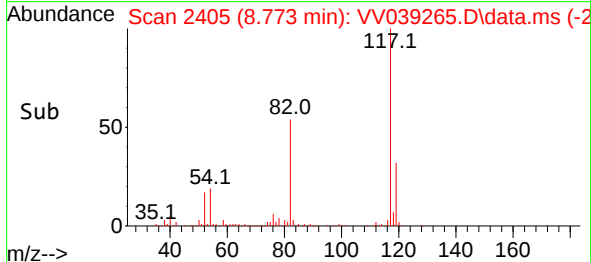
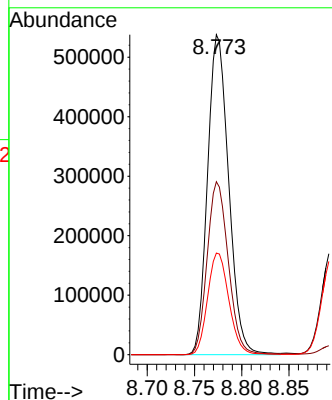
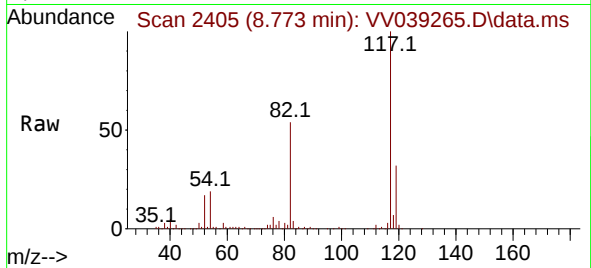




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

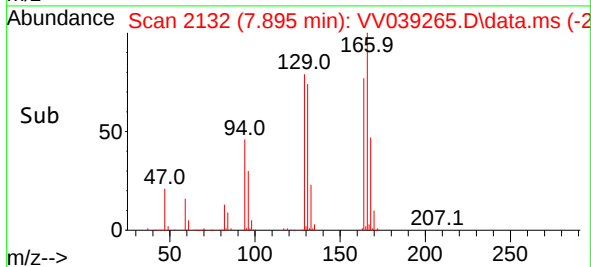
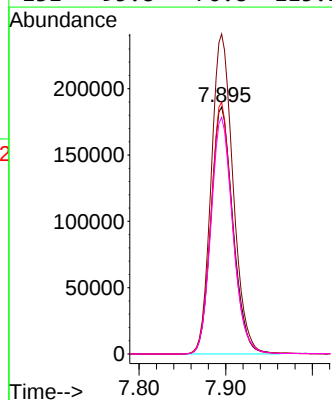
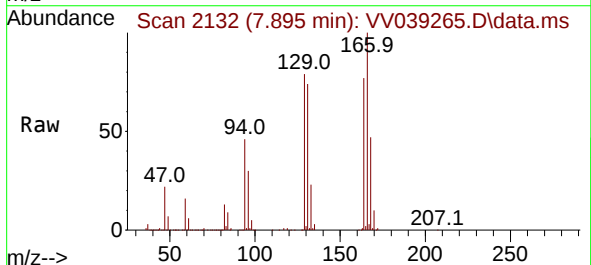
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

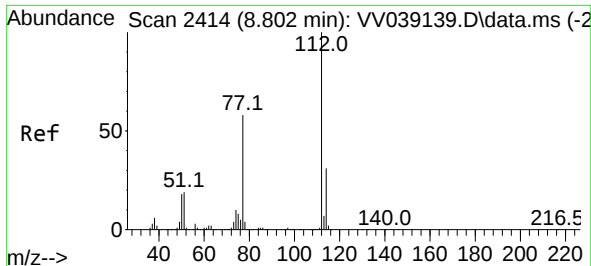
Tgt Ion:117 Resp: 835774
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.2
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 46.863 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion:164 Resp: 328056
Ion Ratio Lower Upper
164 100
166 129.6 101.6 152.4
129 102.0 78.5 117.7
131 95.8 76.8 115.2

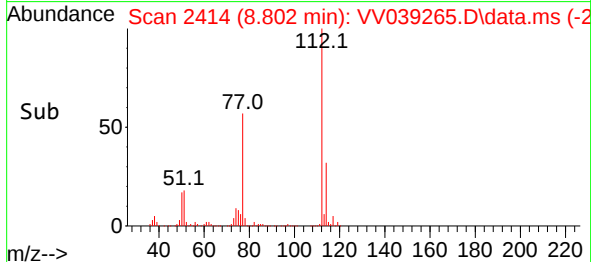
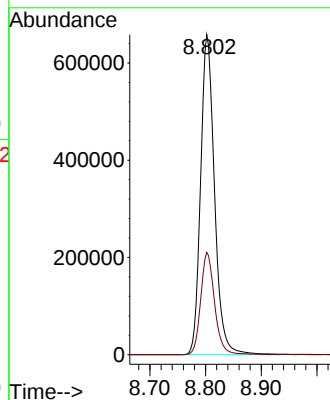
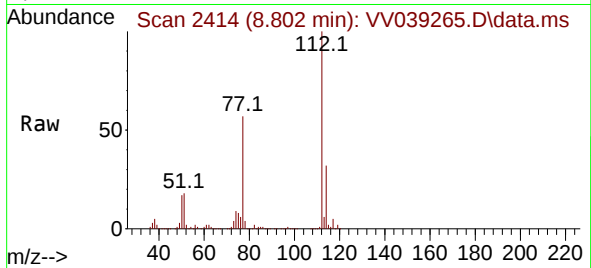




#65
Chlorobenzene
Concen: 49.135 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

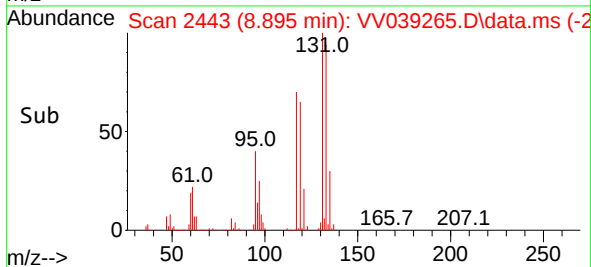
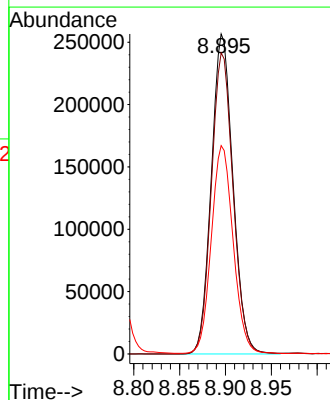
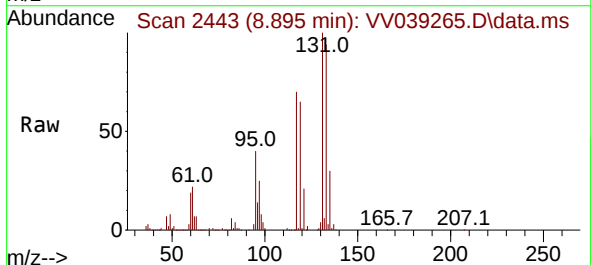
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

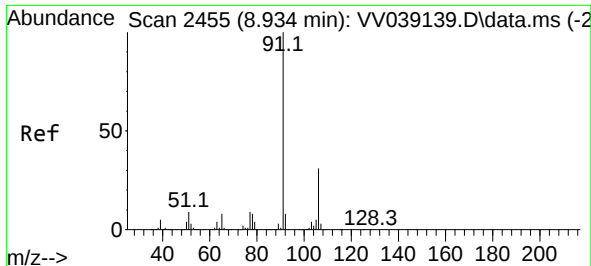
Tgt Ion:112 Resp: 1143852
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.093 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion:131 Resp: 421369
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 52.855 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

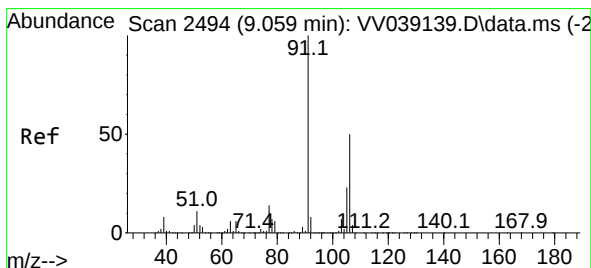
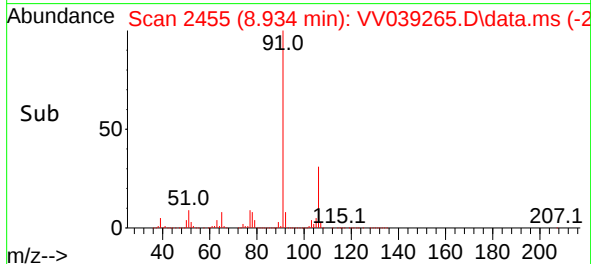
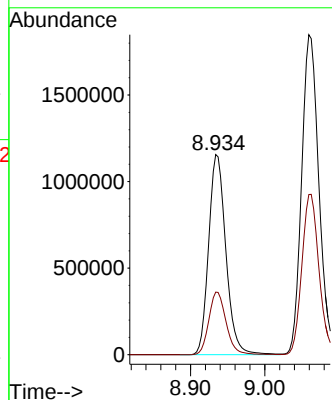
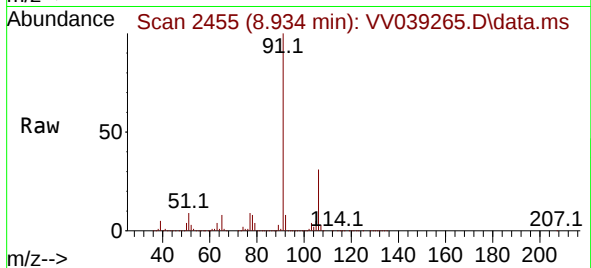
VSTDCCC050

Tgt Ion: 91 Resp: 1862581

Ion Ratio Lower Upper

91 100

106 31.3 24.6 37.0



#68

m/p-Xylenes

Concen: 109.991 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039265.D

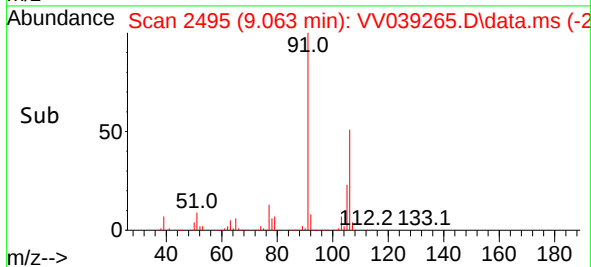
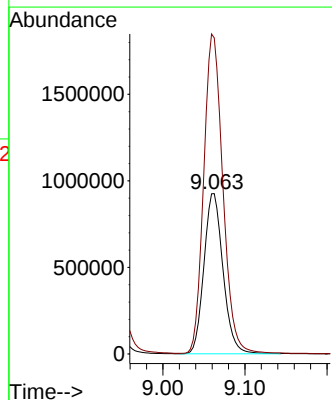
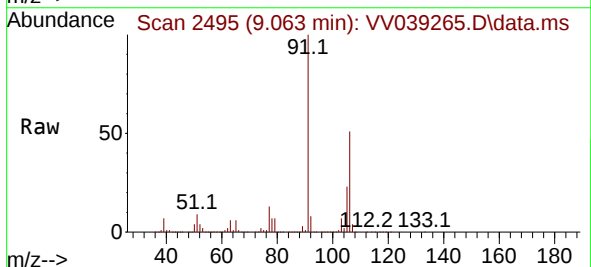
Acq: 06 Oct 2025 11:46

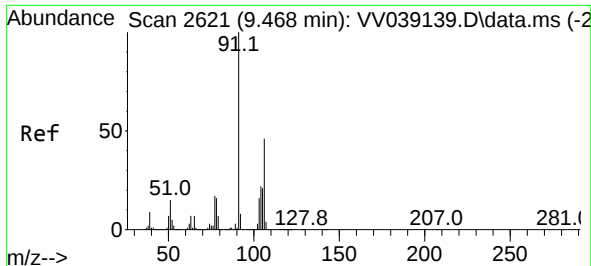
Tgt Ion:106 Resp: 1495995

Ion Ratio Lower Upper

106 100

91 201.0 162.5 243.7

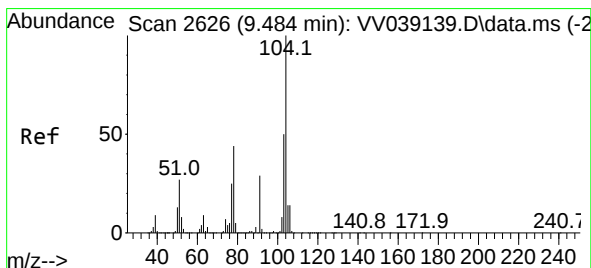
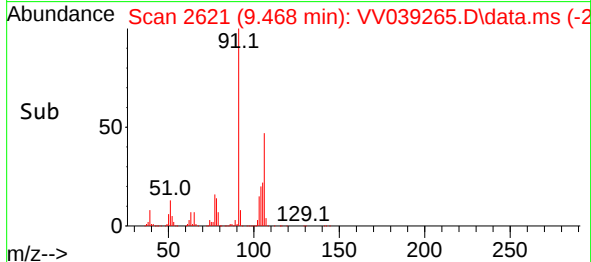
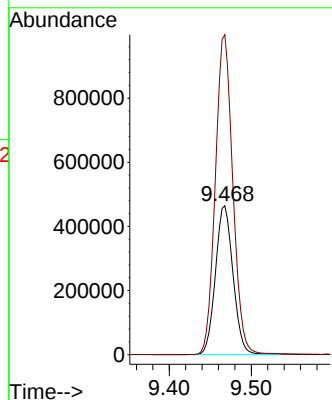
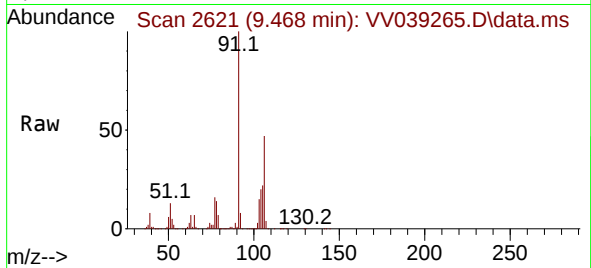




#69
o-Xylene
Concen: 57.338 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

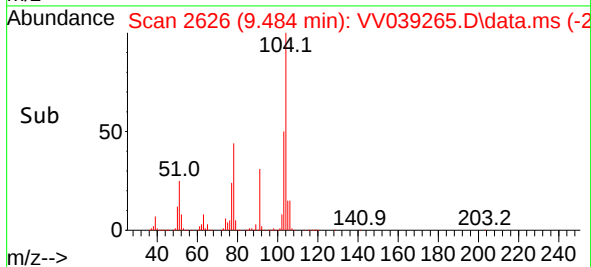
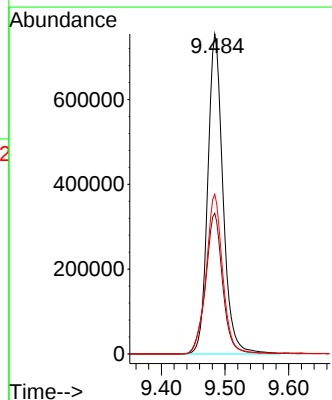
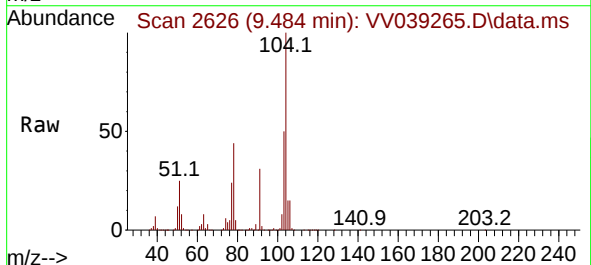
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

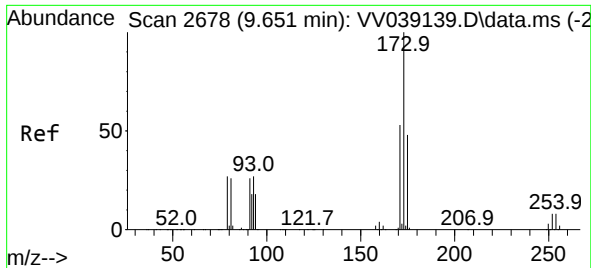
Tgt Ion:106 Resp: 690515
Ion Ratio Lower Upper
106 100
91 214.3 109.1 327.3



#70
Styrene
Concen: 49.291 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion:104 Resp: 1256996
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.6
103 54.2 43.4 65.2

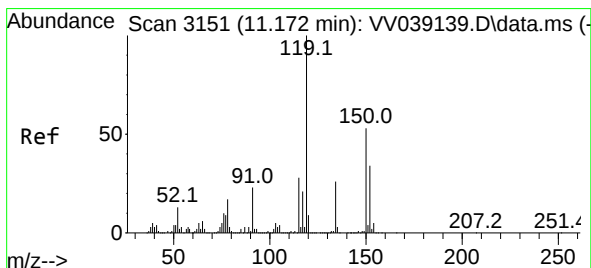
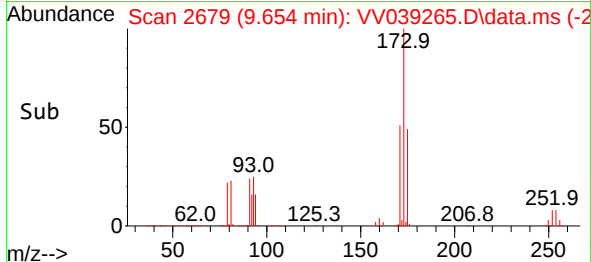
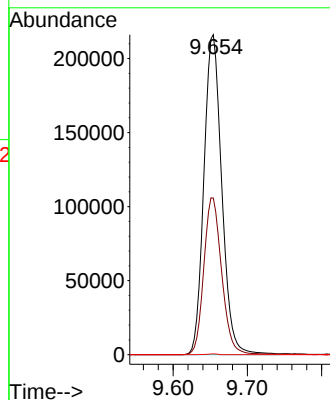
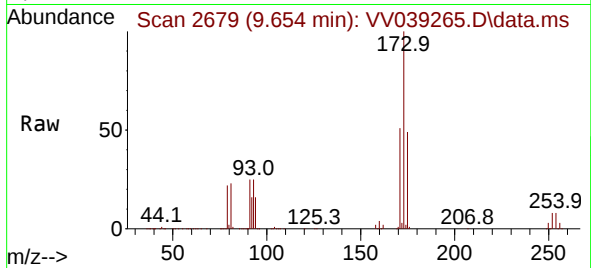




#71
Bromoform
Concen: 55.081 ug/l
RT: 9.654 min Scan# 2678
Delta R.T. 0.003 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

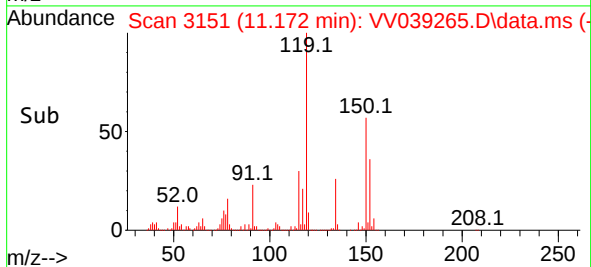
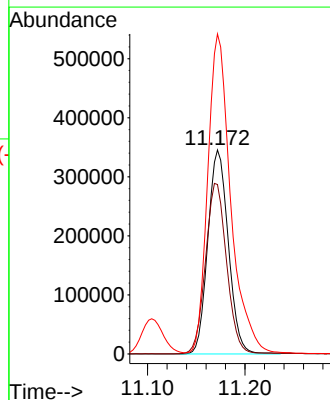
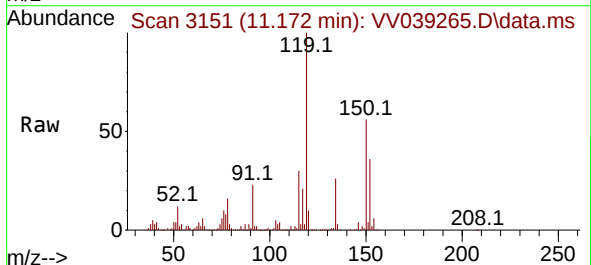
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

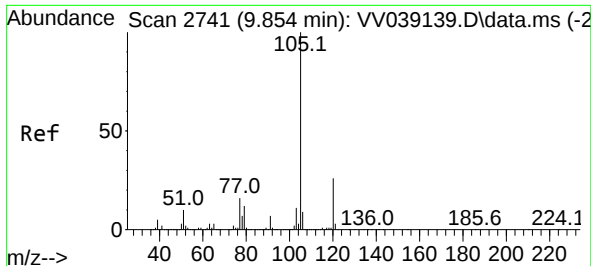
Tgt Ion:173 Resp: 361910
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion:152 Resp: 504333
Ion Ratio Lower Upper
152 100
115 86.4 44.8 134.4
150 176.3 0.0 353.8

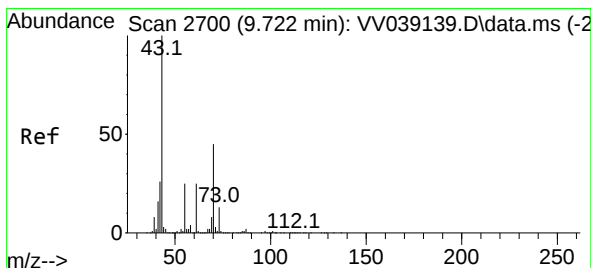
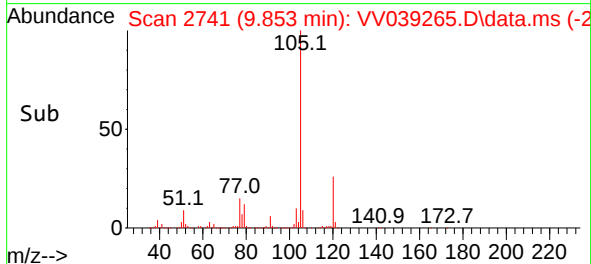
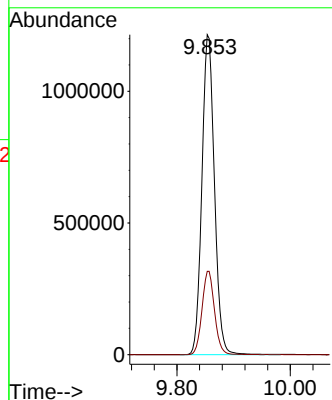
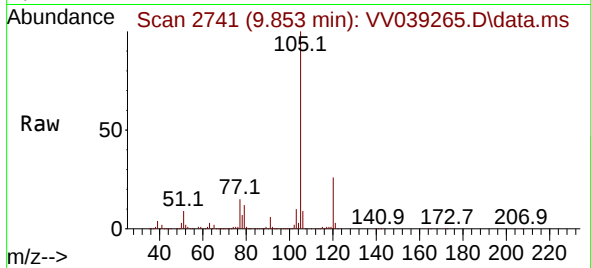




#73
Isopropylbenzene
Concen: 50.957 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

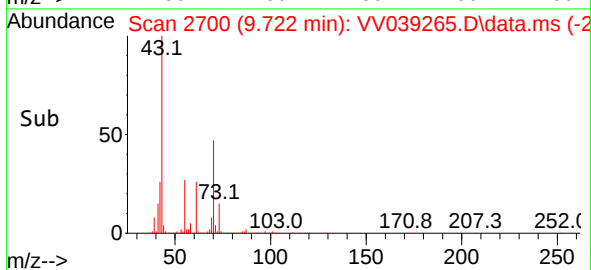
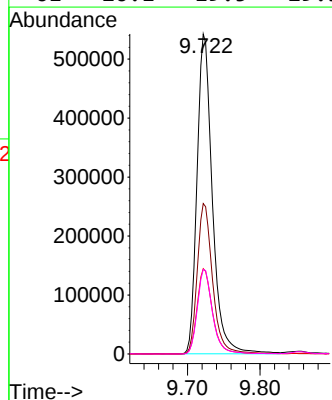
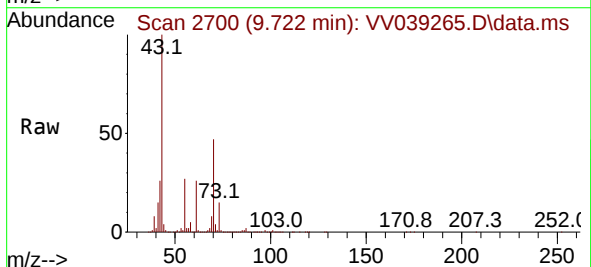
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

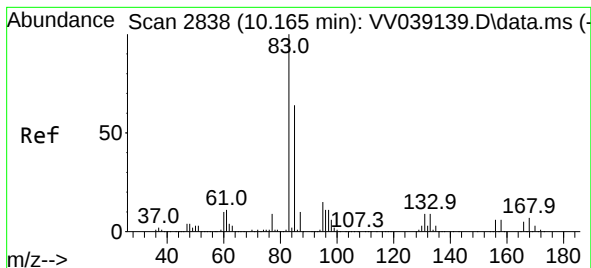
Tgt Ion:105 Resp: 1863985
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 54.596 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 43 Resp: 796598
Ion Ratio Lower Upper
43 100
70 47.0 35.4 53.0
55 26.7 20.6 30.8
61 26.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.538 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

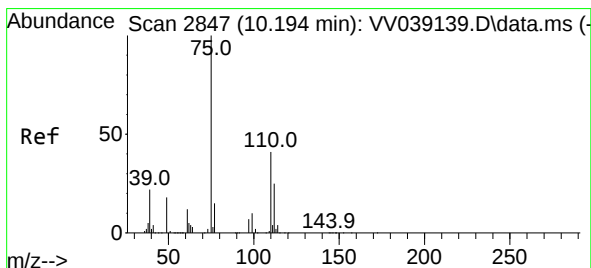
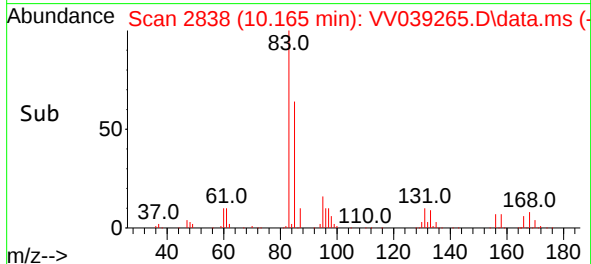
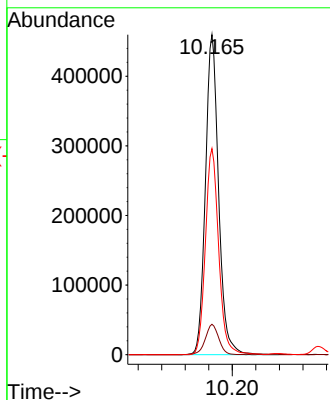
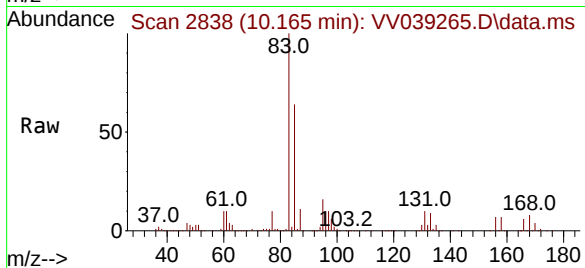
Tgt Ion: 83 Resp: 713835

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.7

85 65.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 47.472 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039265.D

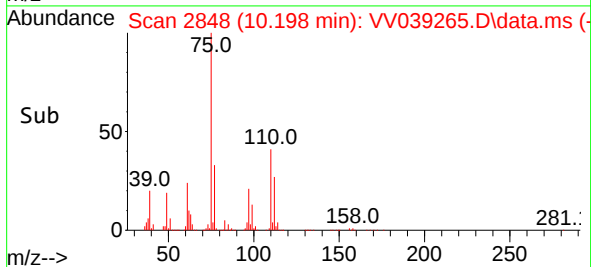
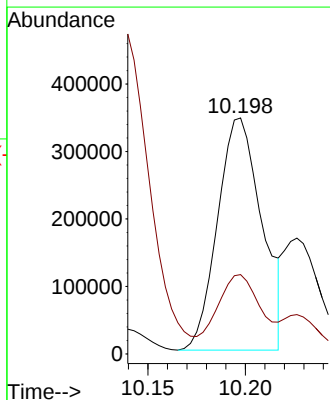
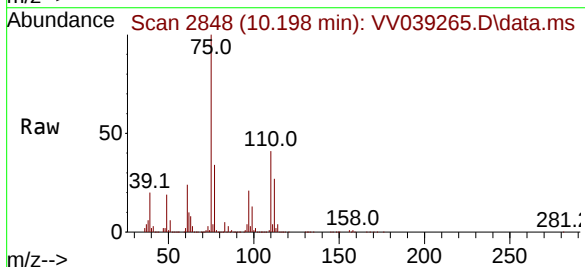
Acq: 06 Oct 2025 11:46

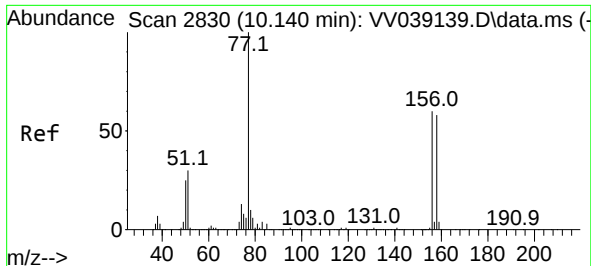
Tgt Ion: 75 Resp: 545118

Ion Ratio Lower Upper

75 100

77 22.8 11.3 33.8

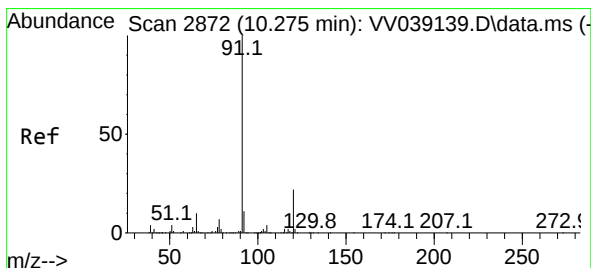
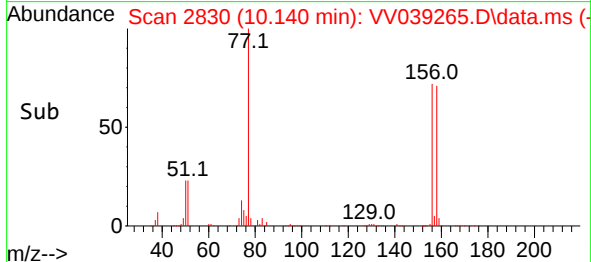
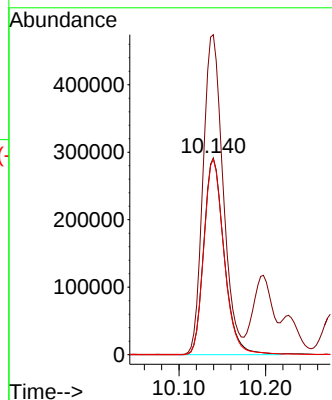
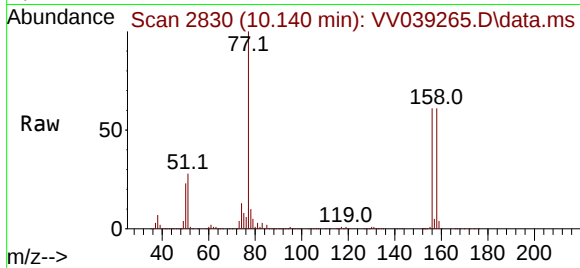




#77
Bromobenzene
Concen: 49.844 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

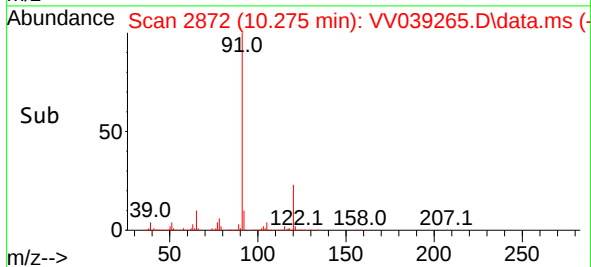
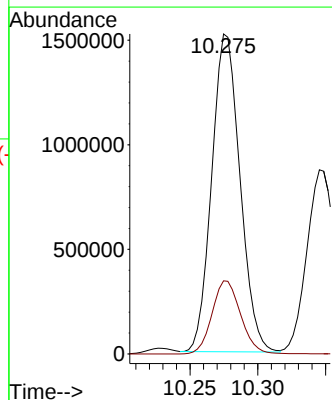
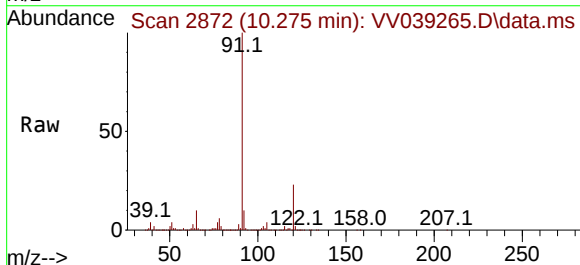
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

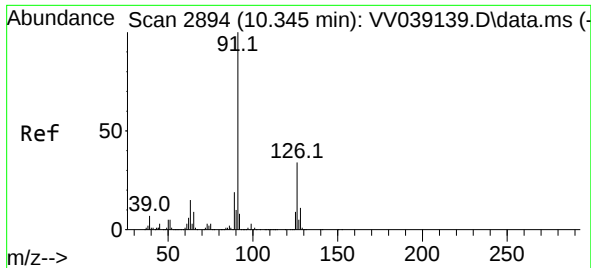
Tgt Ion:156 Resp: 473039
Ion Ratio Lower Upper
156 100
77 160.9 83.4 250.1
158 98.5 48.8 146.4



#78
n-propylbenzene
Concen: 49.491 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 91 Resp: 2204597
Ion Ratio Lower Upper
91 100
120 23.3 11.1 33.3

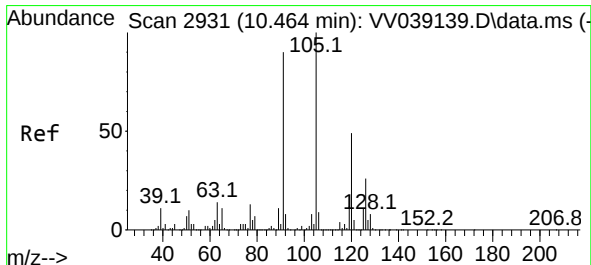
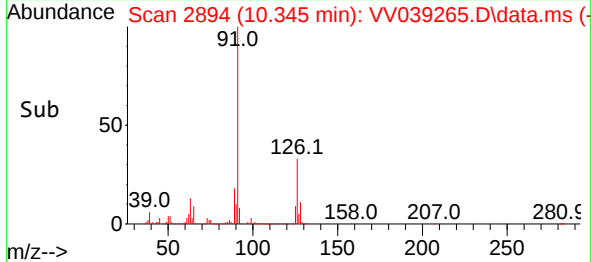
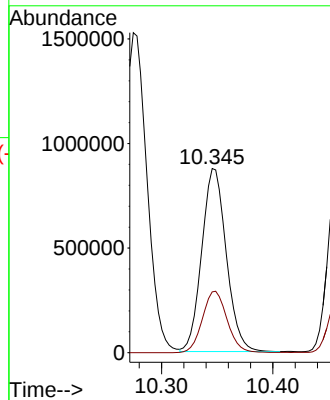
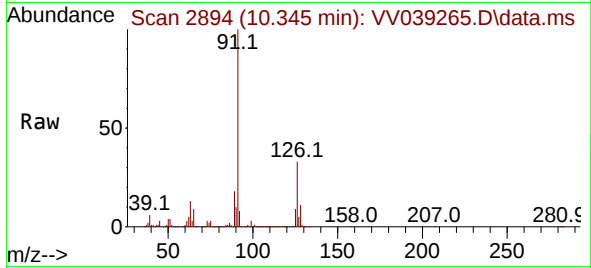




#79
2-Chlorotoluene
Concen: 50.215 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

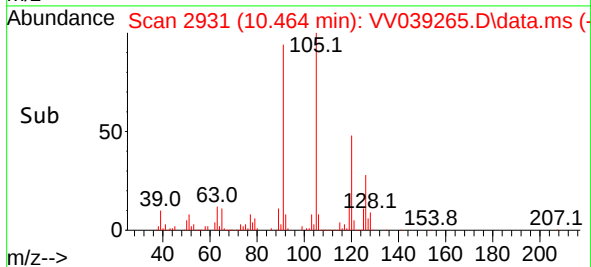
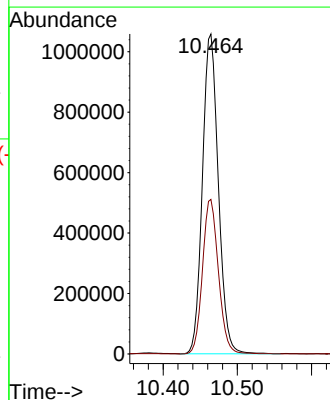
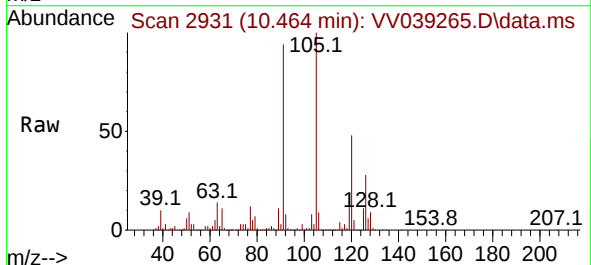
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

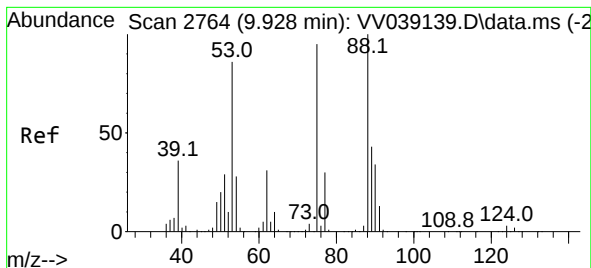
Tgt Ion: 91 Resp: 1338447
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 51.812 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 105 Resp: 1575301
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

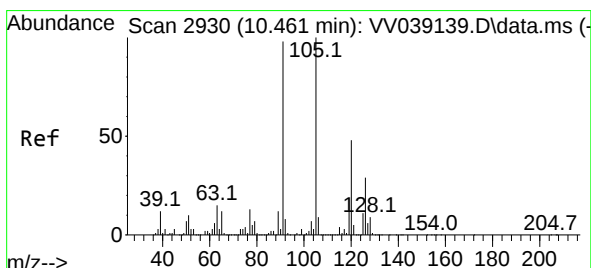
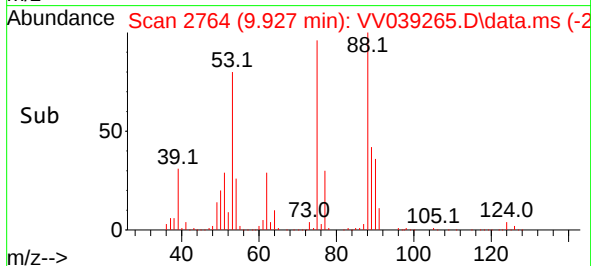
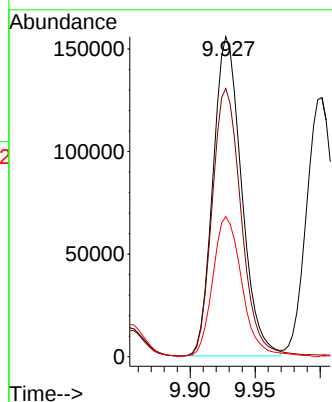
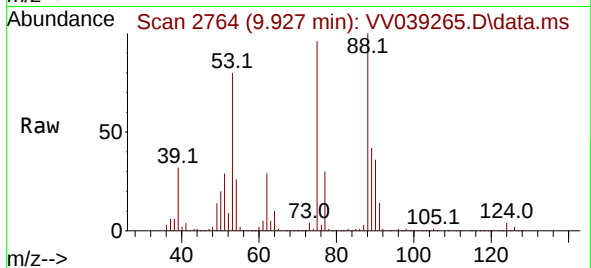




#81
trans-1,4-Dichloro-2-butene
Concen: 49.620 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

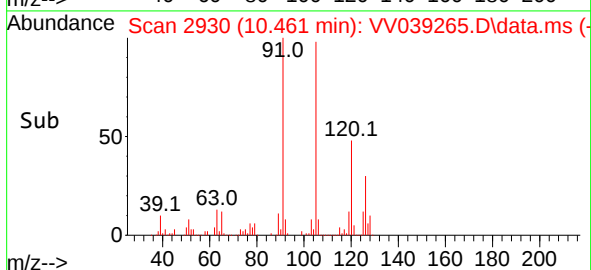
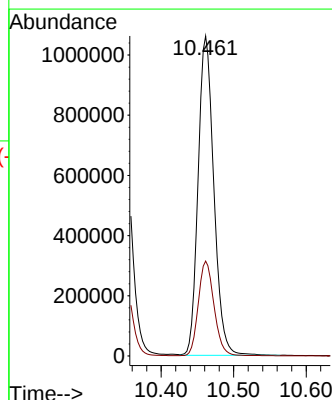
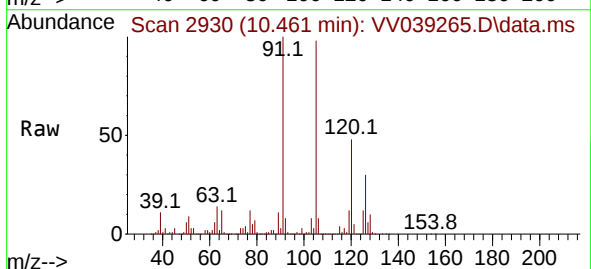
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

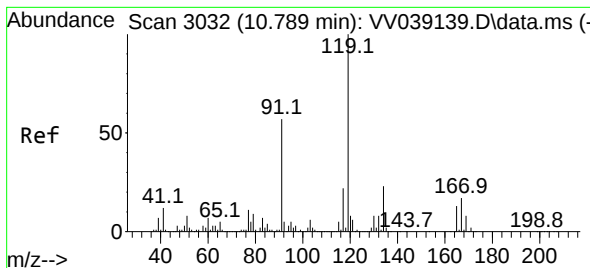
Tgt Ion: 75 Resp: 237340
Ion Ratio Lower Upper
75 100
53 85.7 72.5 108.7
89 45.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.633 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039265.D
Acq: 06 Oct 2025 11:46

Tgt Ion: 91 Resp: 1595846
Ion Ratio Lower Upper
91 100
126 29.4 14.5 43.6





#83

tert-Butylbenzene

Concen: 51.035 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

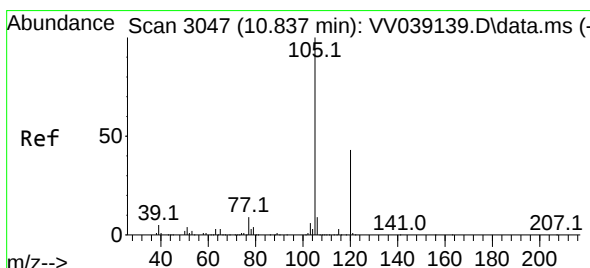
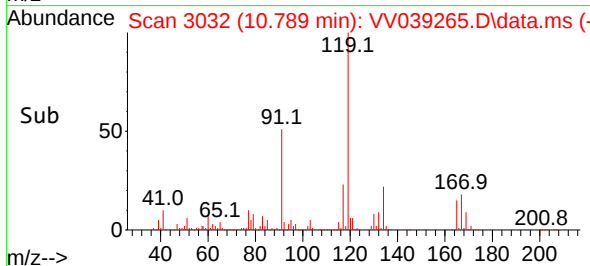
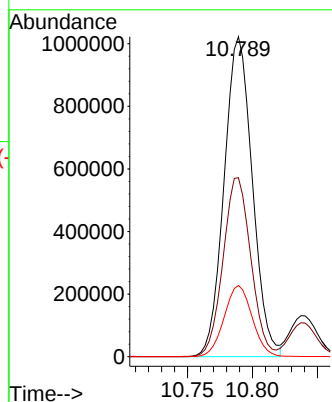
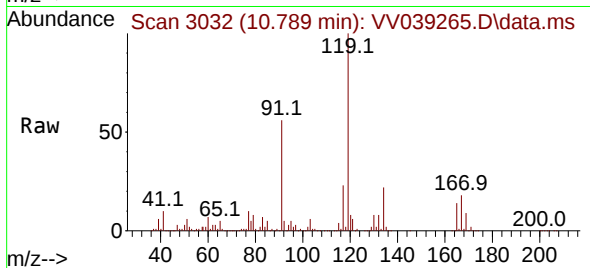
Tgt Ion:119 Resp: 1547264

Ion Ratio Lower Upper

119 100

91 55.1 28.5 85.6

134 22.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 53.427 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039265.D

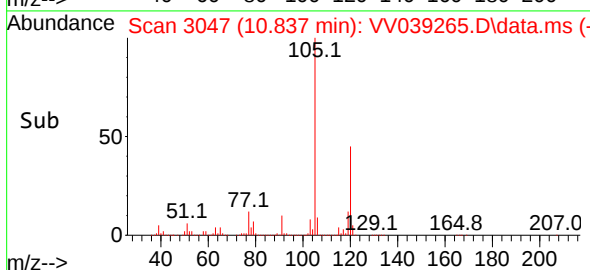
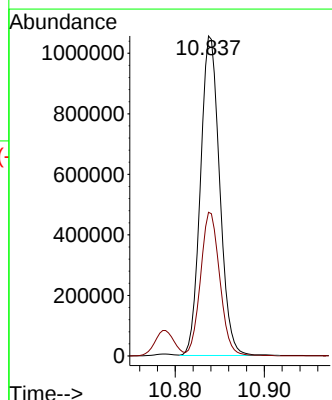
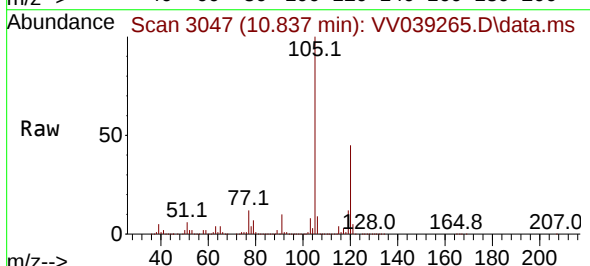
Acq: 06 Oct 2025 11:46

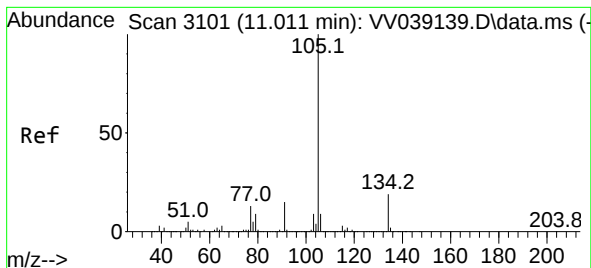
Tgt Ion:105 Resp: 1577047

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 48.161 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

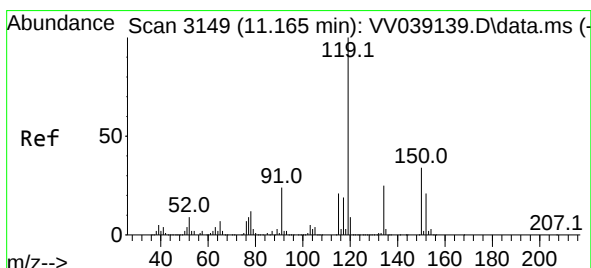
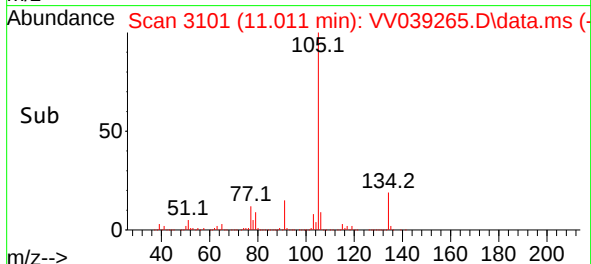
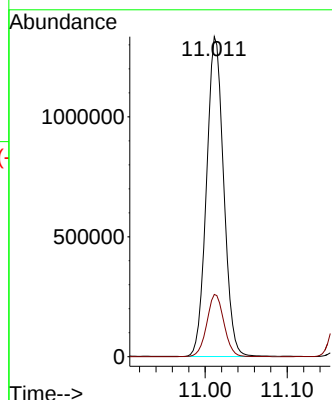
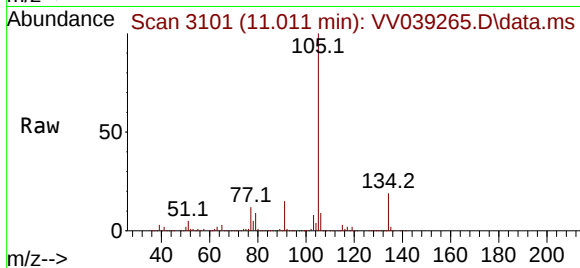
VSTDCCC050

Tgt Ion:105 Resp: 1936690

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 49.553 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

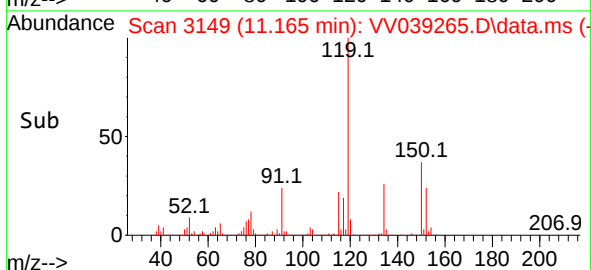
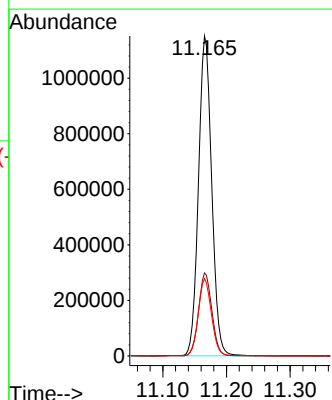
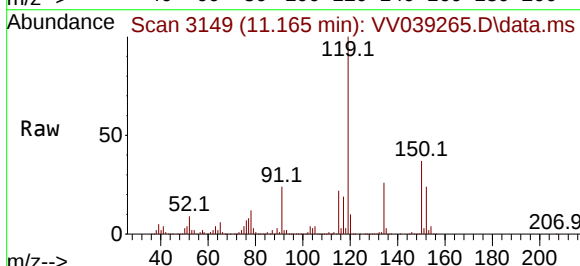
Tgt Ion:119 Resp: 1658509

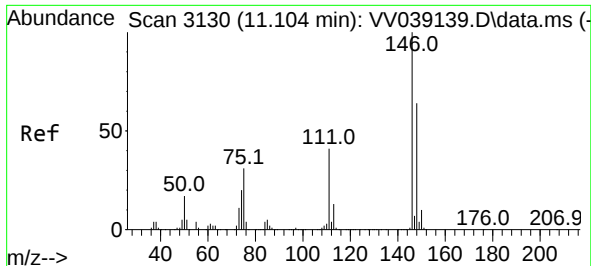
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 48.732 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

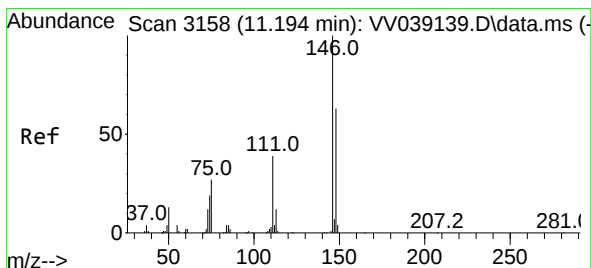
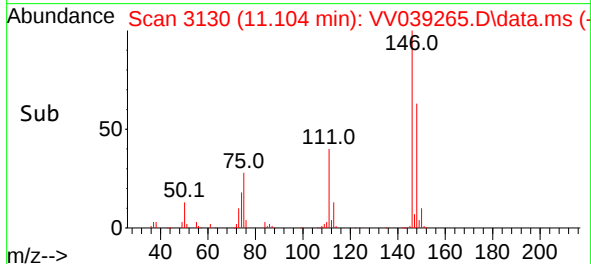
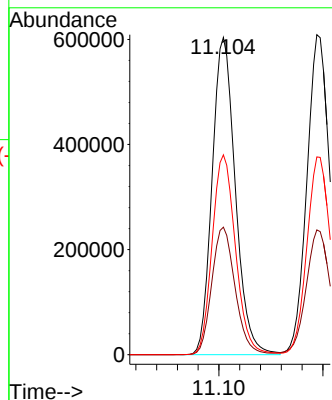
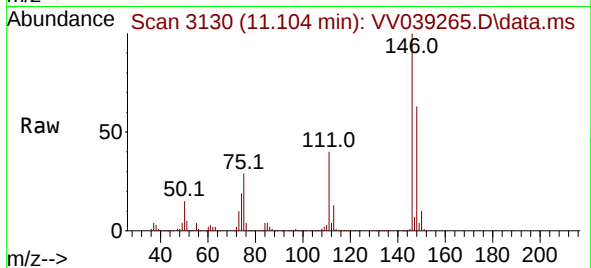
Tgt Ion:146 Resp: 936013

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.946 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

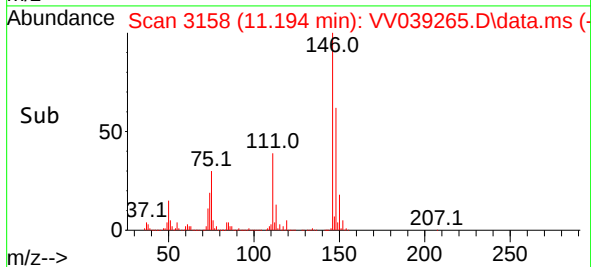
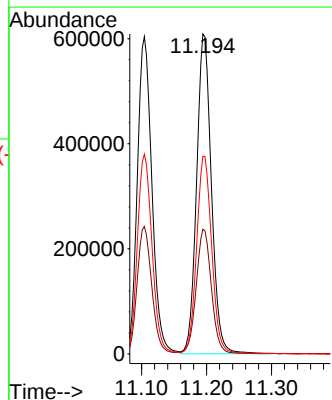
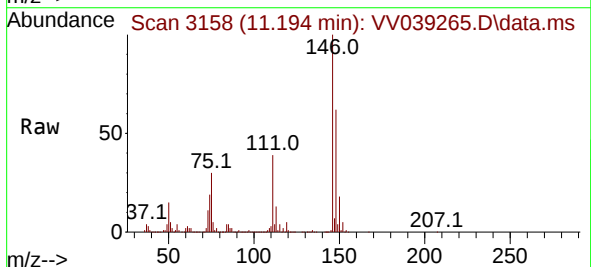
Tgt Ion:146 Resp: 968179

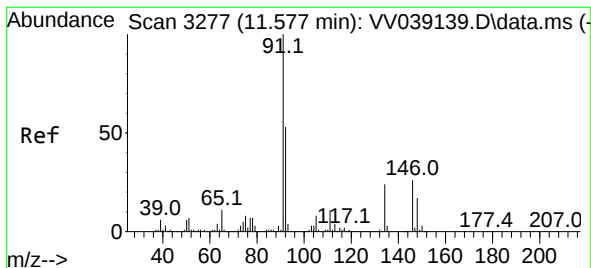
Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.8

148 62.4 31.4 94.2





#89

n-Butylbenzene

Concen: 48.461 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

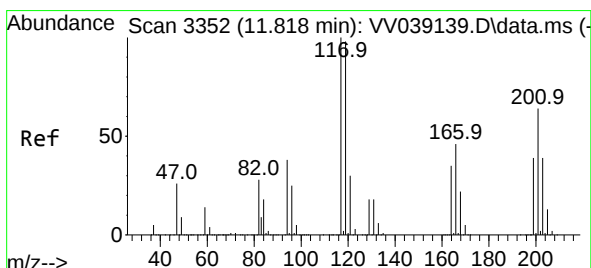
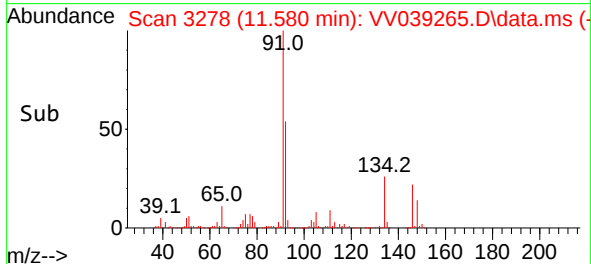
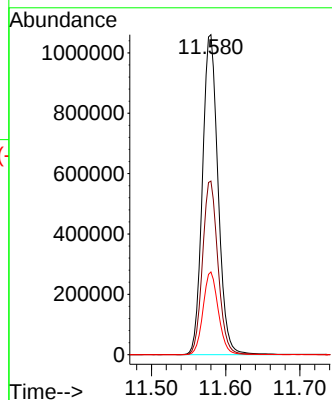
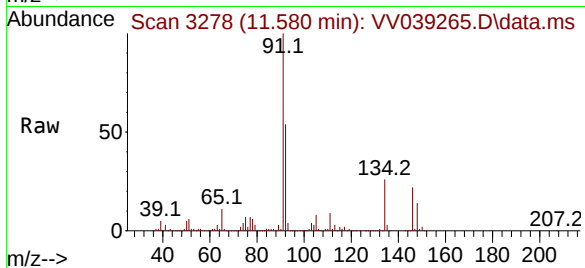
Tgt Ion: 91 Resp: 1549035

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.8

134 25.4 12.1 36.3



#90

Hexachloroethane

Concen: 39.520 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039265.D

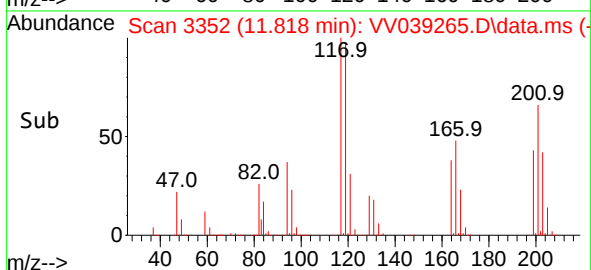
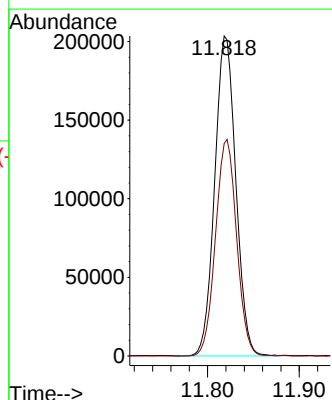
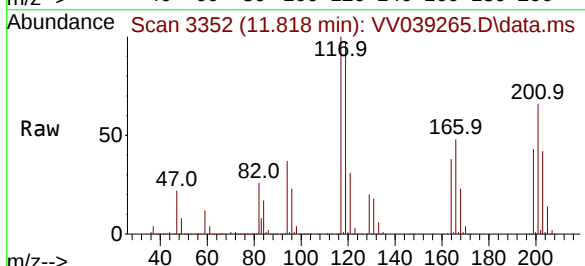
Acq: 06 Oct 2025 11:46

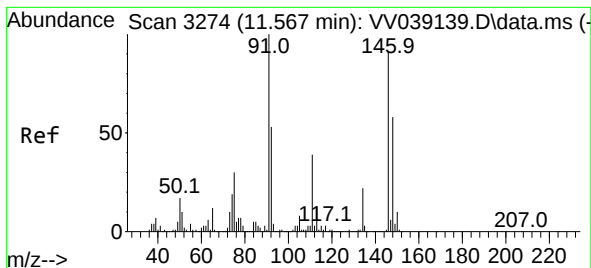
Tgt Ion: 117 Resp: 325719

Ion Ratio Lower Upper

117 100

201 67.7 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 49.516 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

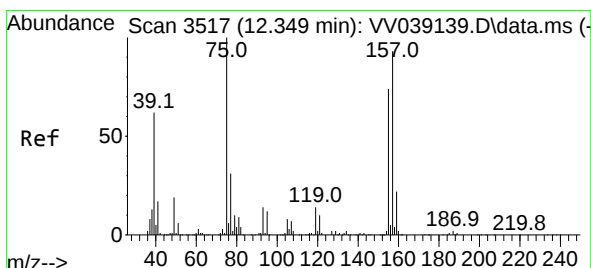
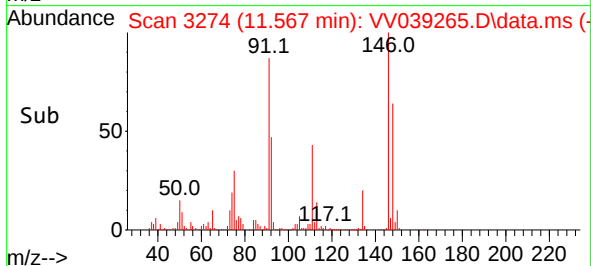
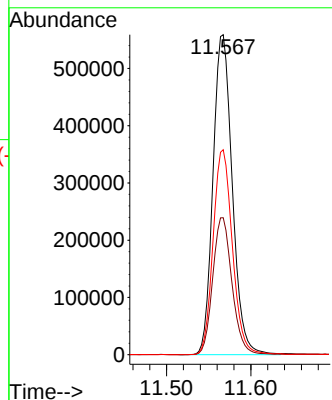
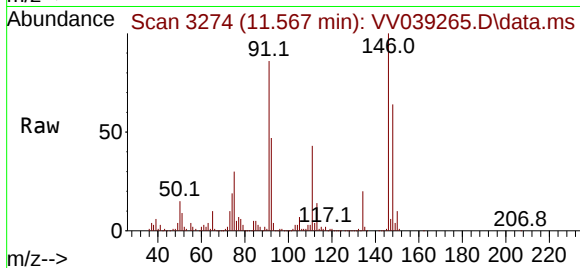
Tgt Ion:146 Resp: 888560

Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

148 64.1 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.101 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

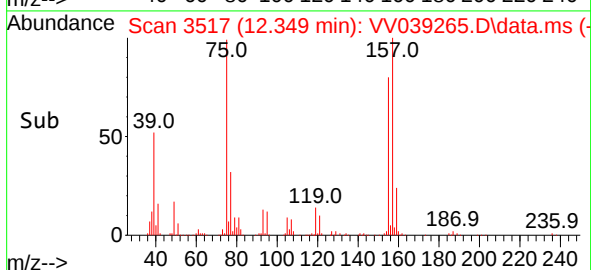
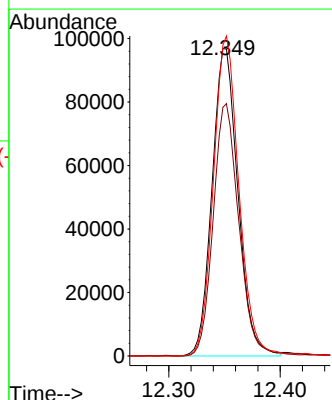
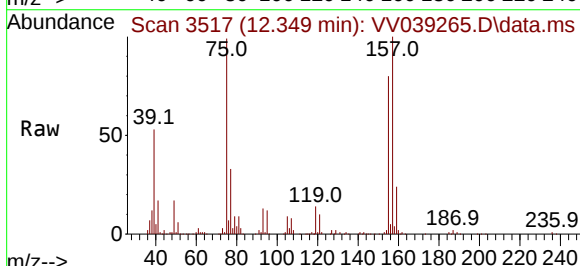
Tgt Ion: 75 Resp: 156615

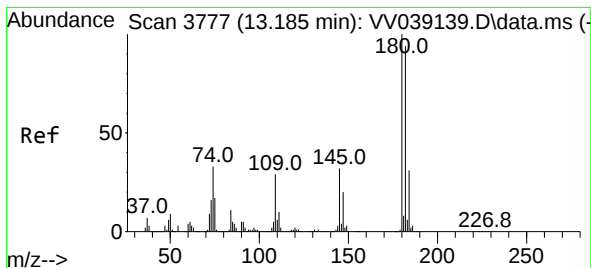
Ion Ratio Lower Upper

75 100

155 81.2 38.6 115.8

157 102.8 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 53.137 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

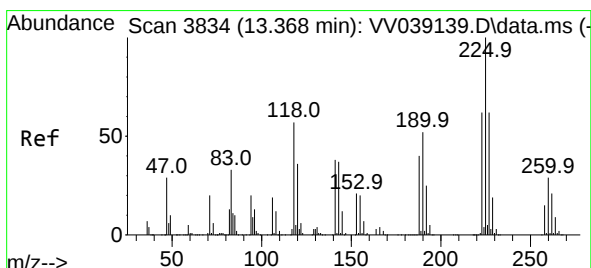
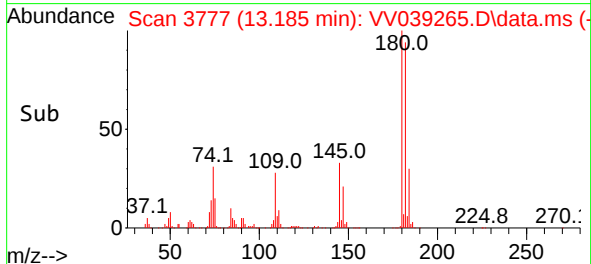
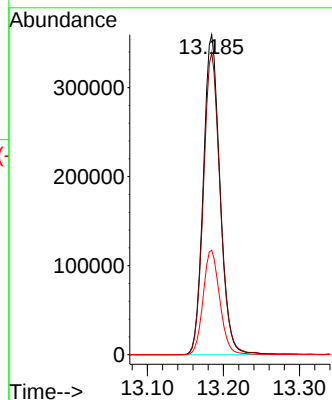
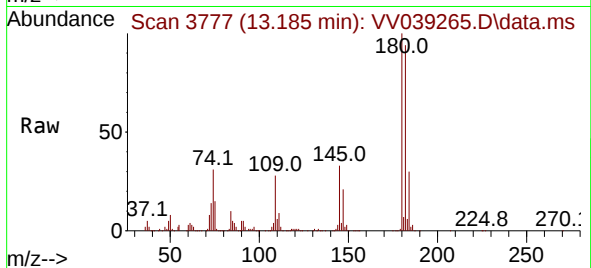
Tgt Ion:180 Resp: 546603

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.4

145 32.6 16.3 48.8



#94

Hexachlorobutadiene

Concen: 39.015 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

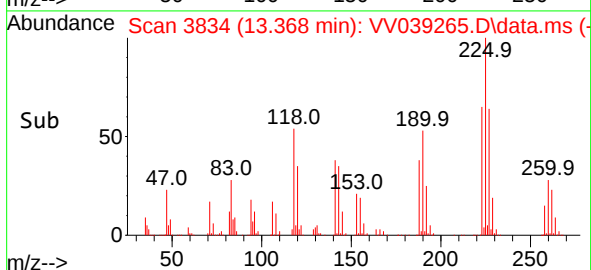
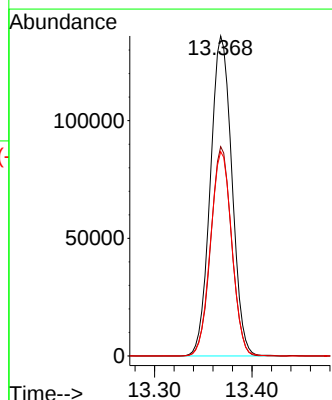
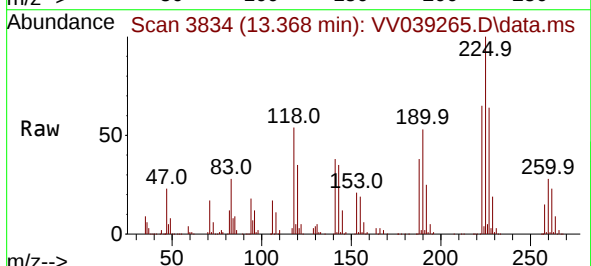
Tgt Ion:225 Resp: 208537

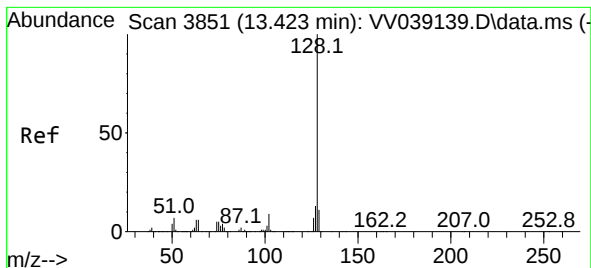
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.7

227 63.1 31.8 95.4





#95

Naphthalene

Concen: 59.599 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.001 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

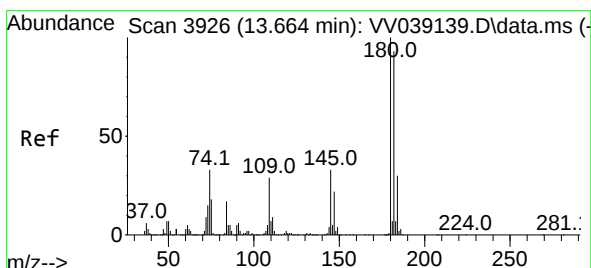
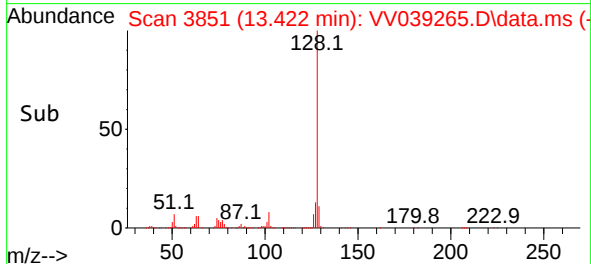
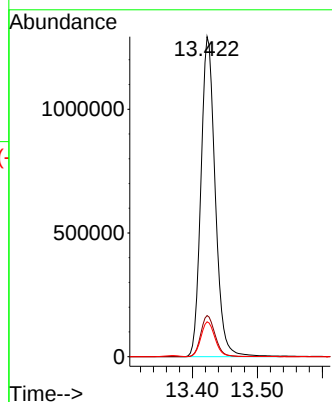
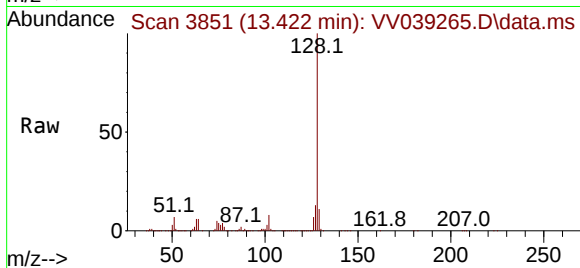
Tgt Ion:128 Resp: 1981547

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.883 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.000 min

Lab File: VV039265.D

Acq: 06 Oct 2025 11:46

Tgt Ion:180 Resp: 566894

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.8

145 33.7 17.0 51.0

