

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW100325\
 Data File : VW039242.D
 Acq On : 03 Oct 2025 08:53
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050

Quant Time: Oct 04 03:58:17 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	504801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	717875	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	718198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	467640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	305033	41.751	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	83.500%
35) Dibromofluoromethane	4.497	113	317481	55.012	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	110.020%
50) Toluene-d8	7.233	98	856835	50.551	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	9.998	95	420941	60.326	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	120.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	342379	42.846	ug/l	98
3) Chloromethane	1.230	50	355916	41.489	ug/l	98
4) Vinyl Chloride	1.298	62	402428	43.819	ug/l	99
5) Bromomethane	1.494	94	264412	45.671	ug/l	100
6) Chloroethane	1.561	64	269107	49.756	ug/l	99
7) Trichlorofluoromethane	1.725	101	654327	49.210	ug/l	100
8) Diethyl Ether	1.918	74	239899	48.601	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.082	101	393714	49.765	ug/l	96
10) Methyl Iodide	2.198	142	430956	57.201	ug/l	98
11) Tert butyl alcohol	2.564	59	340440	220.472	ug/l	100
12) 1,1-Dichloroethene	2.082	96	371821	48.853	ug/l	90
13) Acrolein	2.011	56	42535	158.748	ug/l	99
14) Allyl chloride	2.359	41	613293	45.110	ug/l	96
15) Acrylonitrile	2.670	53	1136973	229.692	ug/l	99
16) Acetone	2.117	43	1174504	261.128	ug/l	97
17) Carbon Disulfide	2.252	76	966224	41.510	ug/l	100
18) Methyl Acetate	2.378	43	577040	53.306	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	1228261	50.644	ug/l	99
20) Methylene Chloride	2.455	84	425236	54.174	ug/l	94
21) trans-1,2-Dichloroethene	2.699	96	391729	48.346	ug/l	94
22) Diisopropyl ether	3.214	45	1227079	47.173	ug/l	98
23) Vinyl Acetate	3.185	43	5161912	226.848	ug/l	97
24) 1,1-Dichloroethane	3.117	63	742092	46.651	ug/l	98
25) 2-Butanone	3.860	43	1375343	235.085	ug/l	96
26) 2,2-Dichloropropane	3.809	77	617550	43.784	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	429074	48.015	ug/l	96
28) Bromochloromethane	4.143	49	350614	49.928	ug/l	90
29) Tetrahydrofuran	4.230	42	862839	235.626	ug/l	97
30) Chloroform	4.275	83	778110	46.845	ug/l	97
31) Cyclohexane	4.580	56	534129	40.990	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	669151	46.532	ug/l	98
36) 1,1-Dichloropropene	4.741	75	477305	54.703	ug/l	98
37) Ethyl Acetate	3.969	43	518087	48.933	ug/l	97
38) Carbon Tetrachloride	4.731	117	585594	54.914	ug/l	99
39) Methylcyclohexane	6.047	83	540367	51.283	ug/l	99
40) Benzene	5.008	78	1548631	54.504	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	240482	50.227	ug/l	97
42) 1,2-Dichloroethane	5.037	62	529233	53.160	ug/l	99
43) Isopropyl Acetate	5.188	43	783601	54.281	ug/l	98
44) Trichloroethene	5.828	130	380227	57.993	ug/l	98
45) 1,2-Dichloropropane	6.085	63	399651	56.590	ug/l	98
46) Dibromomethane	6.223	93	300983	55.683	ug/l	93
47) Bromodichloromethane	6.423	83	624205	55.859	ug/l	98
48) Methyl methacrylate	6.294	41	359934	55.003	ug/l	95
49) 1,4-Dioxane	6.288	88	108875	1030.978	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2763632	290.997	ug/l	97
52) Toluene	7.307	92	997722	60.564	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	581937	59.756	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	639668	59.500	ug/l	97
55) 1,1,2-Trichloroethane	7.757	97	428052	57.949	ug/l	98
56) Ethyl methacrylate	7.712	69	556268	63.413	ug/l	94
57) 1,3-Dichloropropane	7.931	76	675609	57.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1190479	240.718	ug/l	97
59) 2-Hexanone	8.059	43	2076495	270.676	ug/l	97
60) Dibromochloromethane	8.165	129	501215	59.550	ug/l	98
61) 1,2-Dibromoethane	8.272	107	445928	59.030	ug/l	98
64) Tetrachloroethene	7.895	164	339185	56.385	ug/l	96
65) Chlorobenzene	8.802	112	1110690	55.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	418344	57.876	ug/l	100
67) Ethyl Benzene	8.934	91	1817939	60.034	ug/l	99
68) m/p-Xylenes	9.059	106	1508955	129.107	ug/l	98
69) o-Xylene	9.468	106	665107	64.270	ug/l	97
70) Styrene	9.484	104	1271498	57.814	ug/l	98
71) Bromoform	9.651	173	351628	62.277	ug/l #	98
73) Isopropylbenzene	9.853	105	1831320	53.992	ug/l	99
74) N-amyl acetate	9.722	43	723655	53.488	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	688542	46.331	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	492632	46.268	ug/l	99
77) Bromobenzene	10.140	156	468225	53.208	ug/l	95
78) n-propylbenzene	10.275	91	2234110	54.089	ug/l	98
79) 2-Chlorotoluene	10.345	91	1348583	54.565	ug/l	99
80) 1,3,5-Trimethylbenzene	10.461	105	1593104	56.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	232306	52.378	ug/l	96
82) 4-Chlorotoluene	10.461	91	1616280	56.397	ug/l	99
83) tert-Butylbenzene	10.789	119	1488535	52.950	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1600180	58.464	ug/l	99
85) sec-Butylbenzene	11.011	105	1923460	51.585	ug/l	99
86) p-Isopropyltoluene	11.165	119	1652409	53.245	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	934365	52.464	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	980583	50.185	ug/l	99
89) n-Butylbenzene	11.577	91	1558810	52.593	ug/l	99
90) Hexachloroethane	11.818	117	339116	44.374	ug/l	97
91) 1,2-Dichlorobenzene	11.564	146	865428	52.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	134431	50.268	ug/l	92
93) 1,2,4-Trichlorobenzene	13.185	180	511938	53.672	ug/l	98
94) Hexachlorobutadiene	13.368	225	219349	44.258	ug/l	99
95) Naphthalene	13.422	128	1812807	58.802	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	536779	55.024	ug/l	99

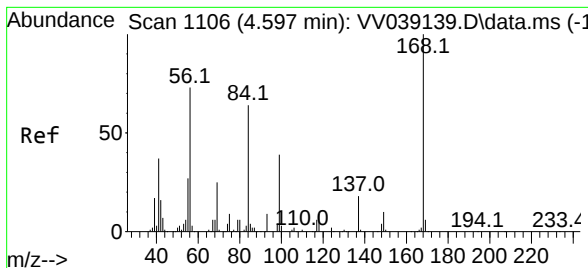
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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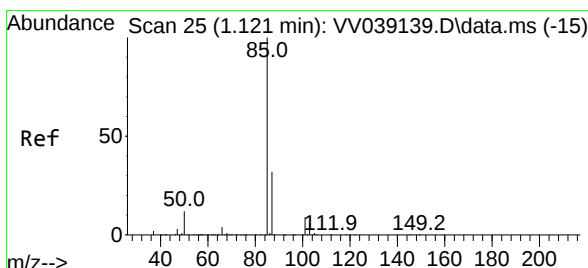
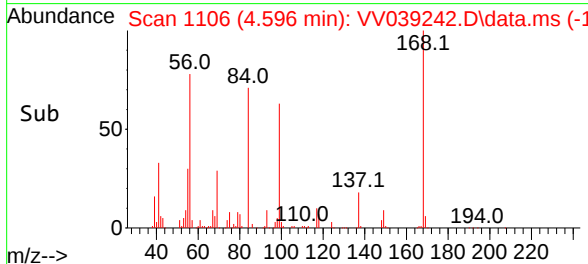
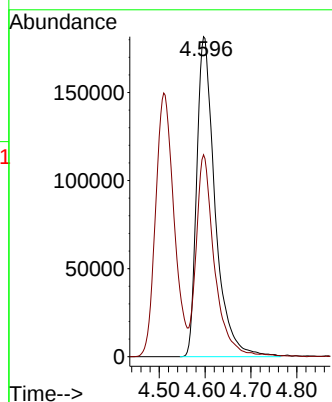
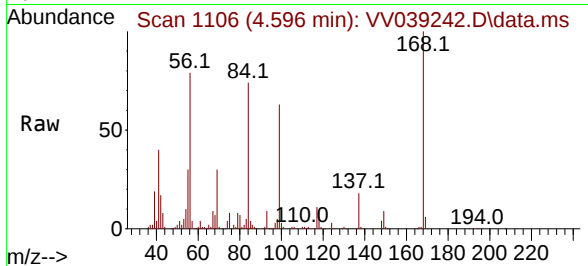
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

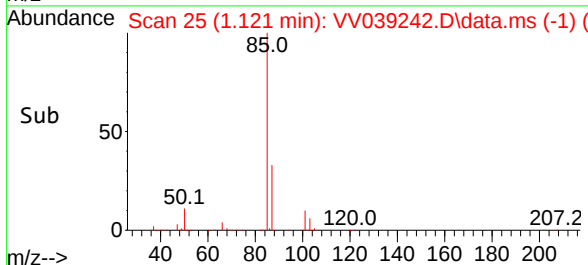
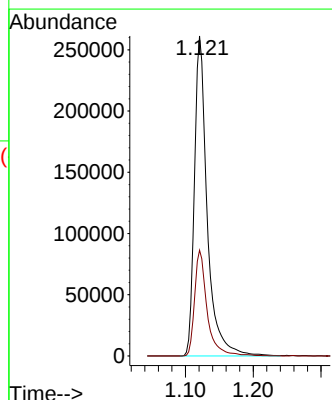
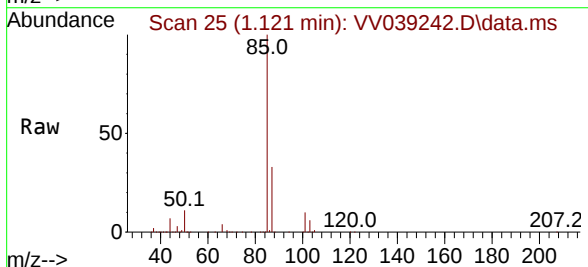
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 504801
Ion Ratio Lower Upper
168 100
99 62.8 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 42.846 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 85 Resp: 342379
Ion Ratio Lower Upper
85 100
87 33.0 16.0 47.9

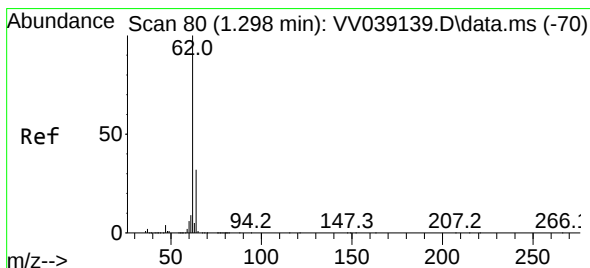
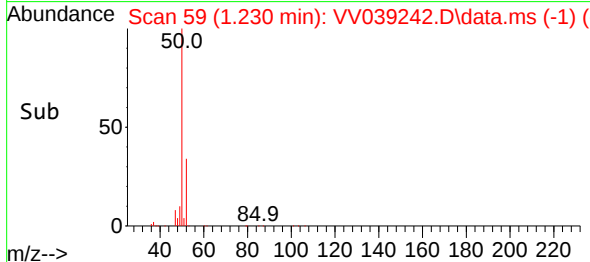
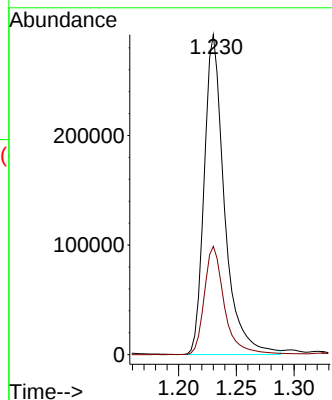
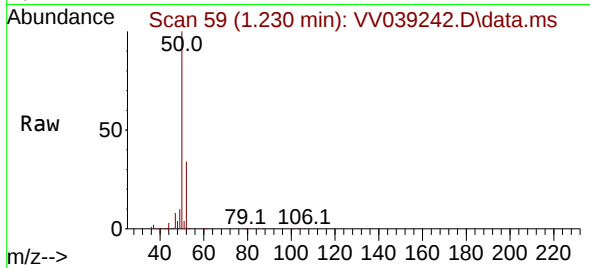




#3
Chloromethane
Concen: 41.489 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

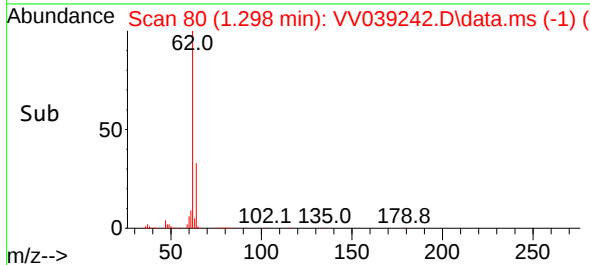
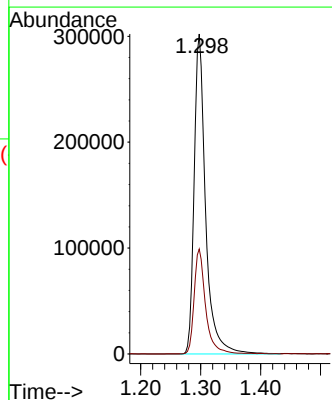
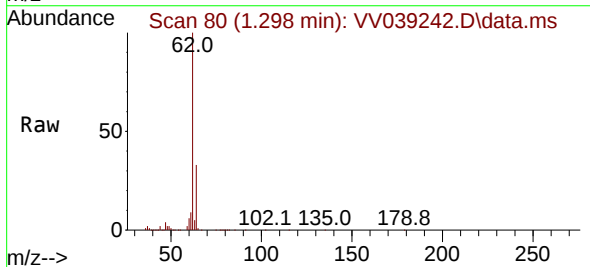
Instrument :
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ClientSampleId :
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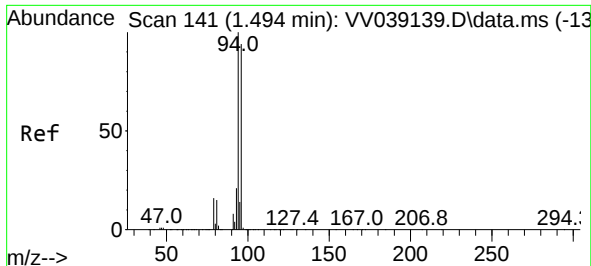
Tgt Ion: 50 Resp: 355916
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 43.819 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 62 Resp: 402428
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

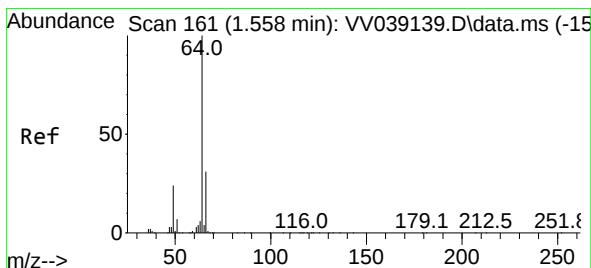
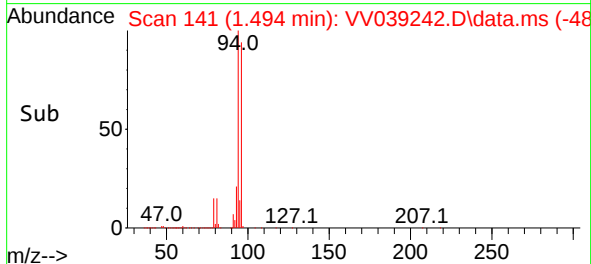
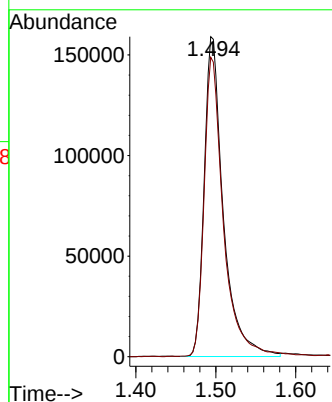
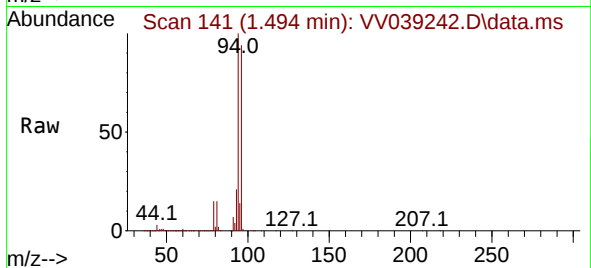




#5
Bromomethane
Concen: 45.671 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

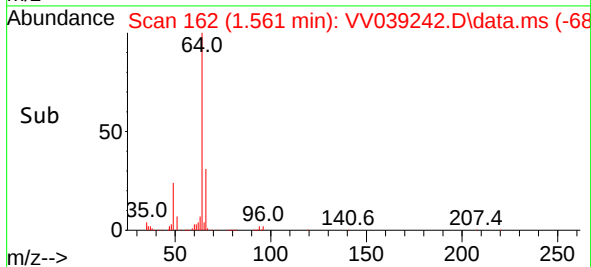
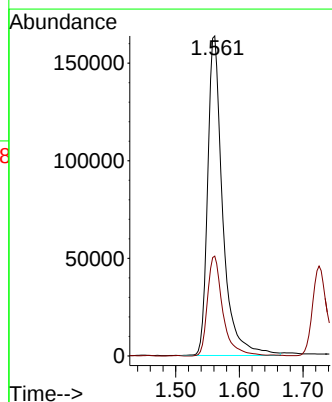
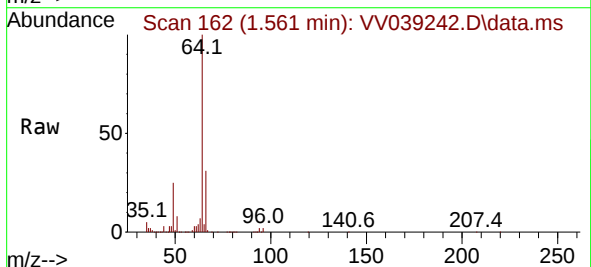
Instrument :
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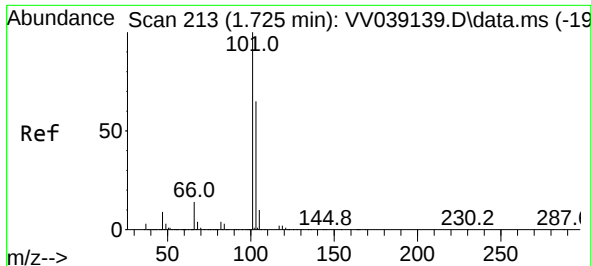
Tgt Ion: 94 Resp: 264412
Ion Ratio Lower Upper
94 100
96 93.5 74.9 112.3



#6
Chloroethane
Concen: 49.756 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 64 Resp: 269107
Ion Ratio Lower Upper
64 100
66 31.1 24.6 36.8

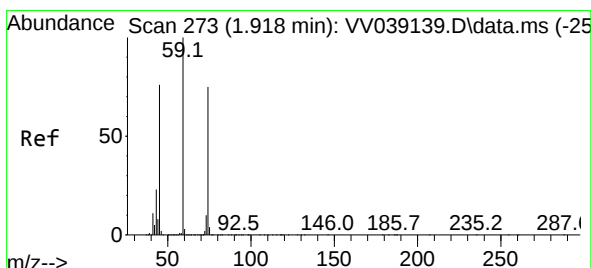
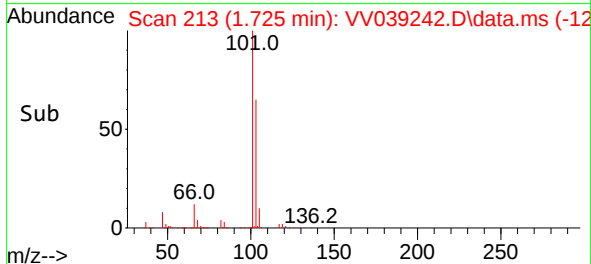
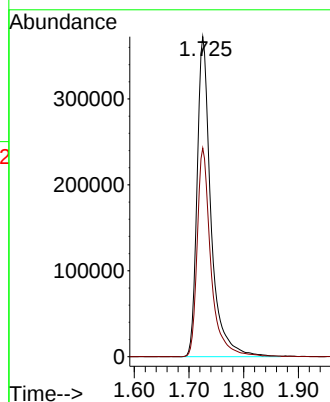
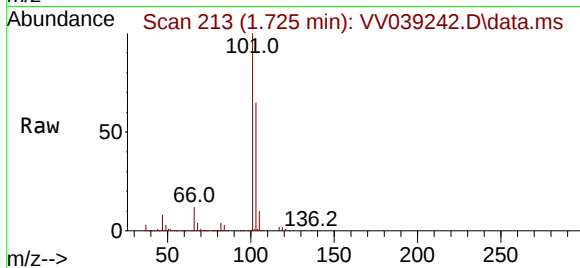




#7
Trichlorofluoromethane
Concen: 49.210 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

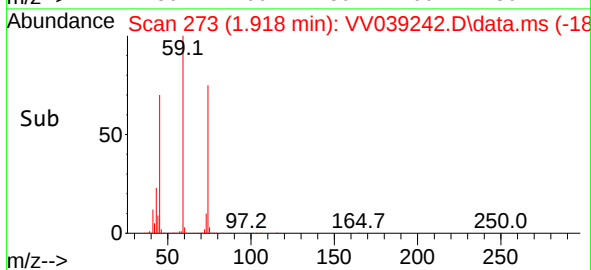
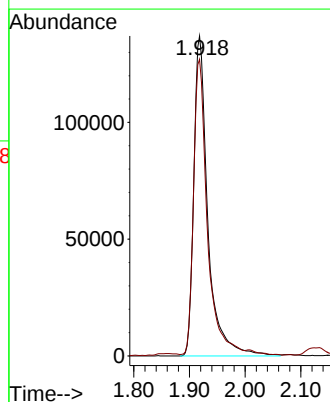
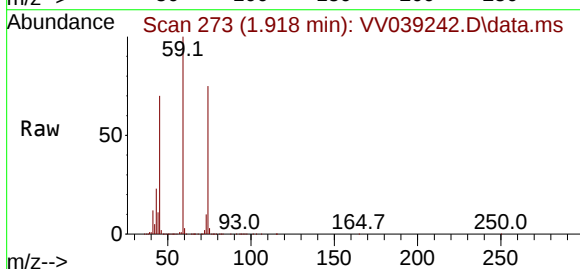
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 654327
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0



#8
Diethyl Ether
Concen: 48.601 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 74 Resp: 239899
Ion Ratio Lower Upper
74 100
45 90.0 49.6 148.8

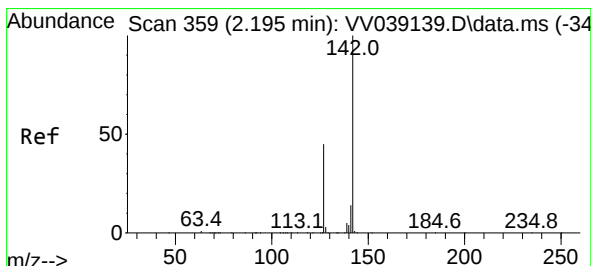
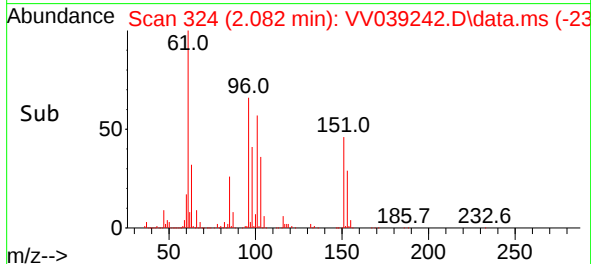
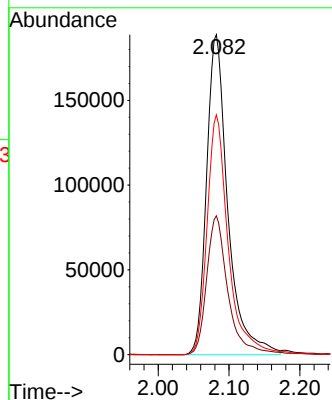
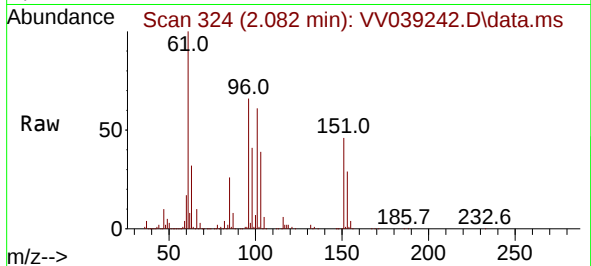




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.765 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039242.D
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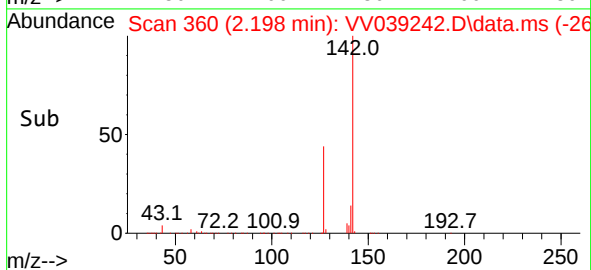
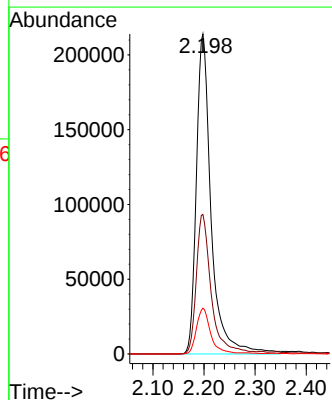
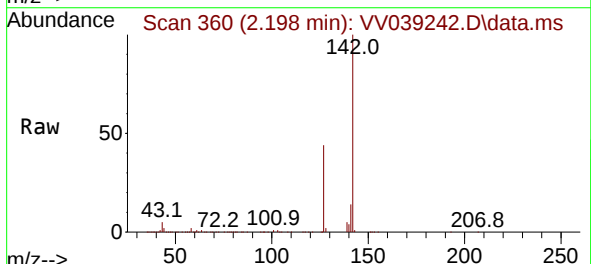
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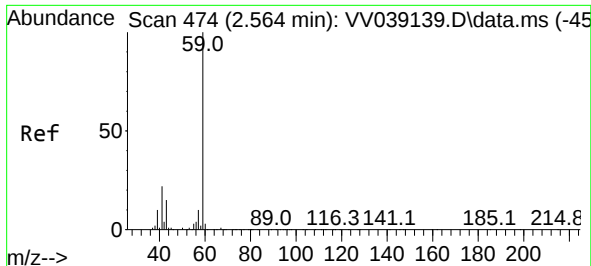
Tgt Ion:101 Resp: 393714
Ion Ratio Lower Upper
101 100
85 43.7 36.2 54.2
151 74.9 56.3 84.5



#10
Methyl Iodide
Concen: 57.201 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:142 Resp: 430956
Ion Ratio Lower Upper
142 100
127 44.1 36.3 54.5
141 13.8 11.2 16.8

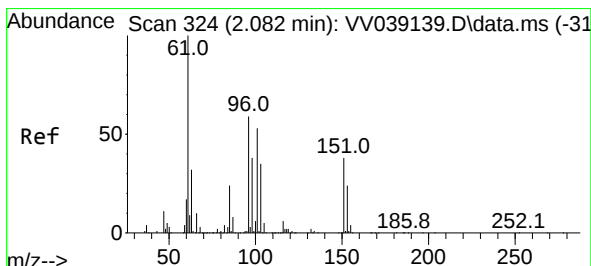
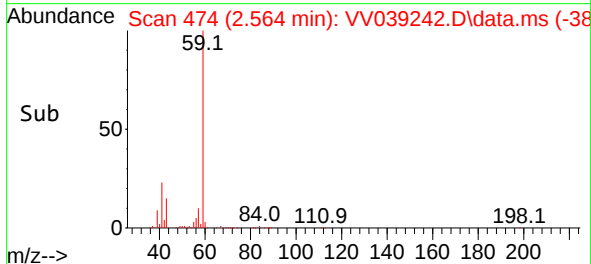
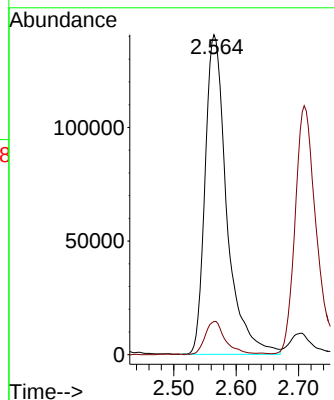
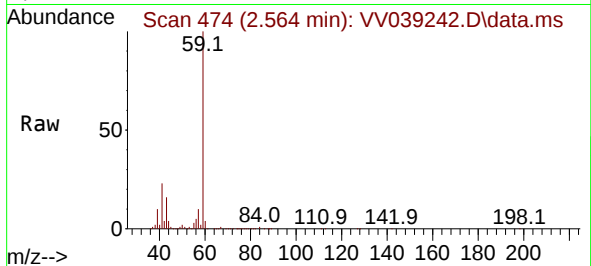




#11
Tert butyl alcohol
Concen: 220.472 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

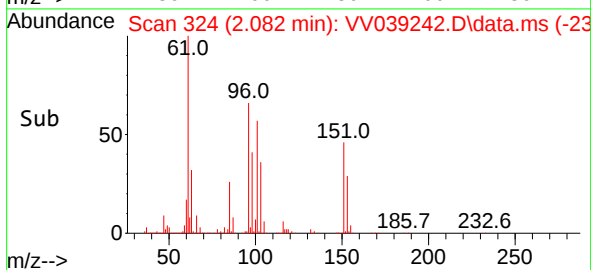
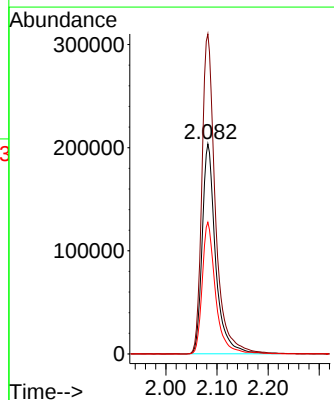
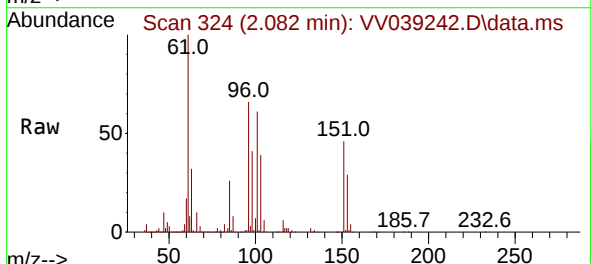
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

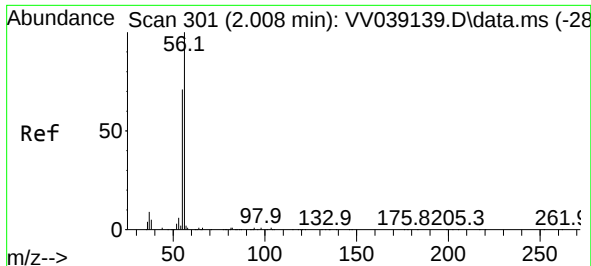
Tgt Ion: 59 Resp: 340440
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.853 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 96 Resp: 371821
Ion Ratio Lower Upper
96 100
61 152.4 136.0 204.0
98 62.7 51.0 76.6

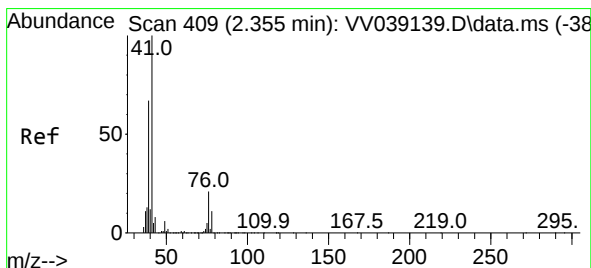
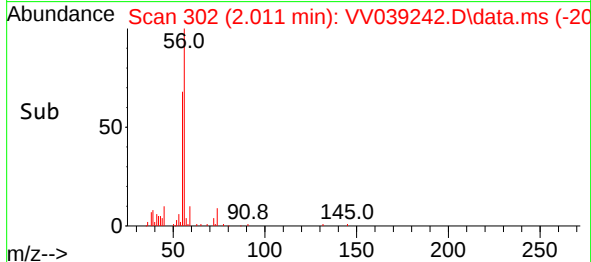
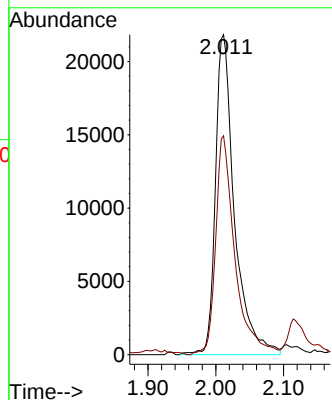
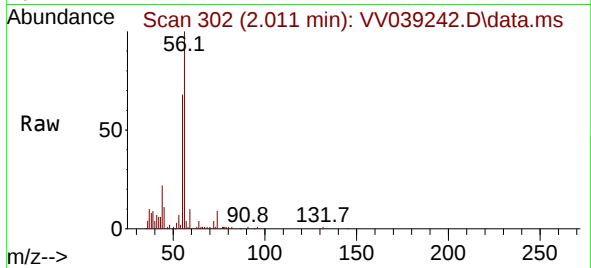




#13
Acrolein
Concen: 158.748 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

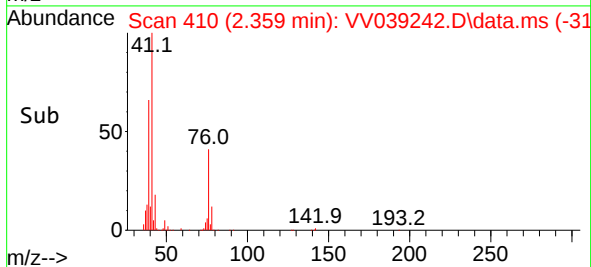
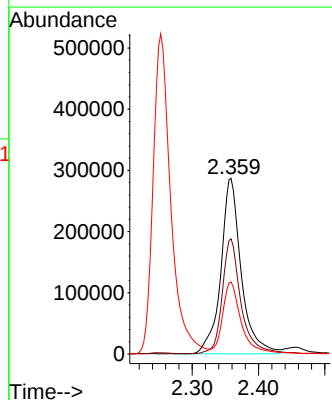
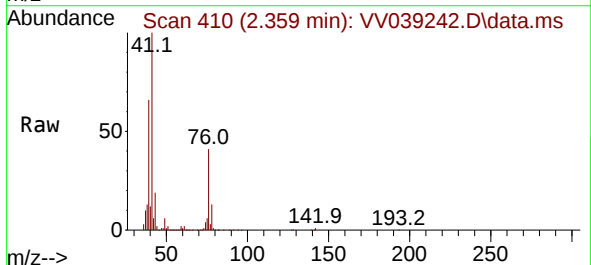
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 42535
Ion Ratio Lower Upper
56 100
55 69.2 56.2 84.4



#14
Allyl chloride
Concen: 45.110 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 41 Resp: 613293
Ion Ratio Lower Upper
41 100
39 60.3 51.0 76.6
76 37.7 28.2 42.4



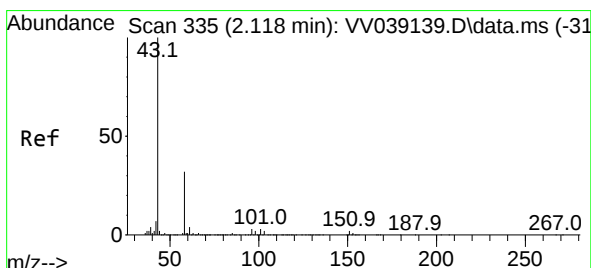
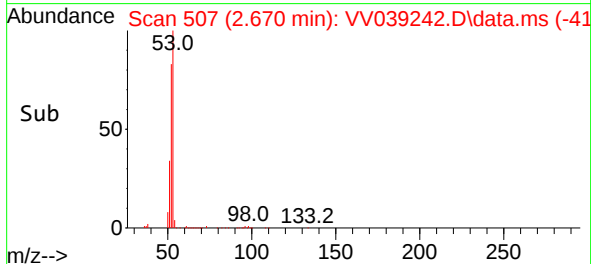
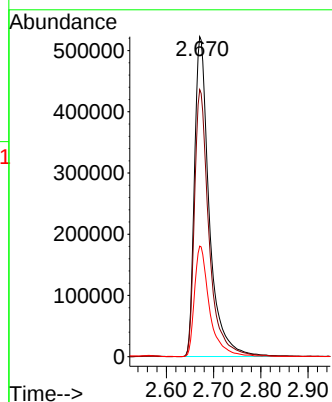
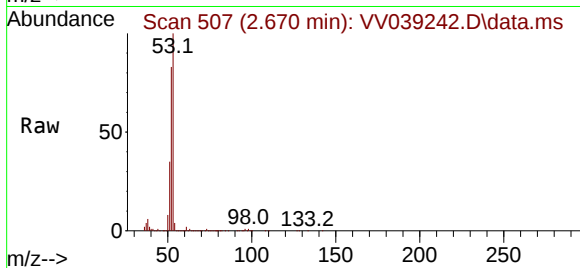


#15
Acrylonitrile
Concen: 229.692 ug/l
RT: 2.670 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDC0050

Tgt Ion: 53 Resp: 1136973

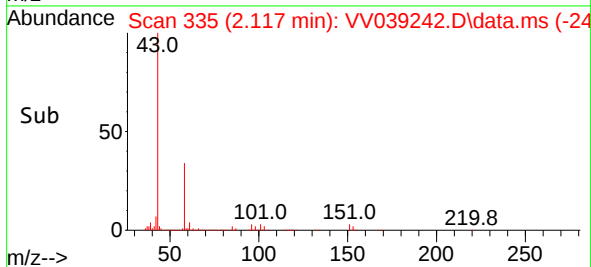
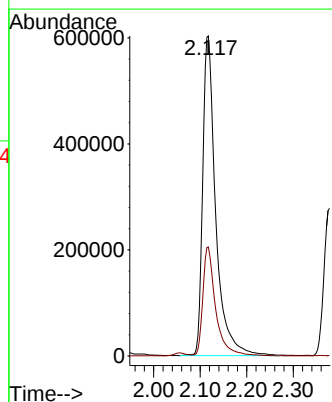
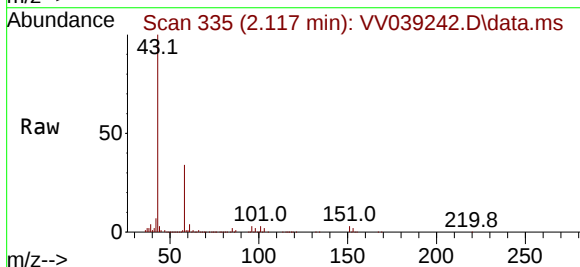
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	35.0	28.5	42.7

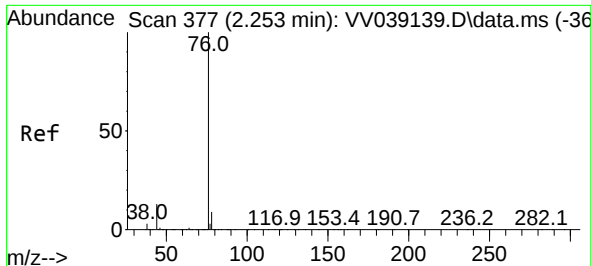


#16
Acetone
Concen: 261.128 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.001 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 43 Resp: 1174504

Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.8	38.6

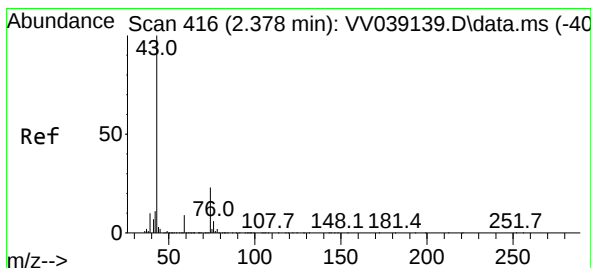
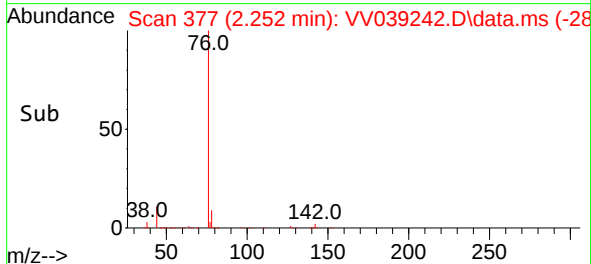
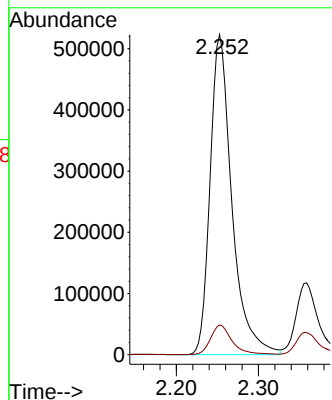
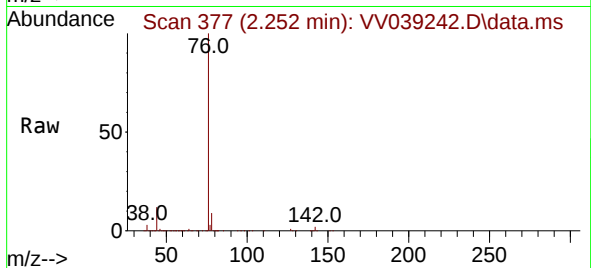




#17
Carbon Disulfide
Concen: 41.510 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

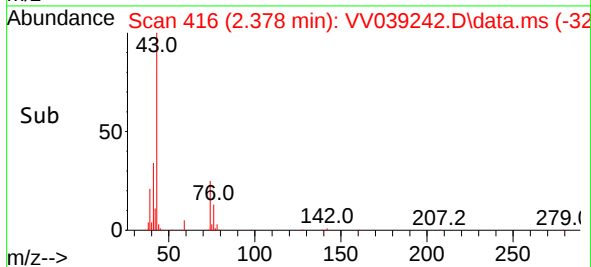
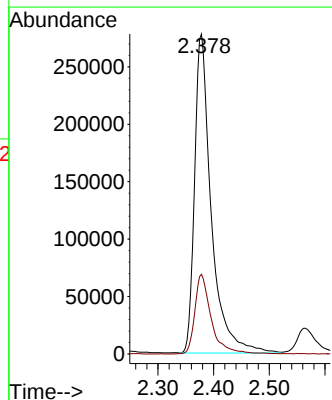
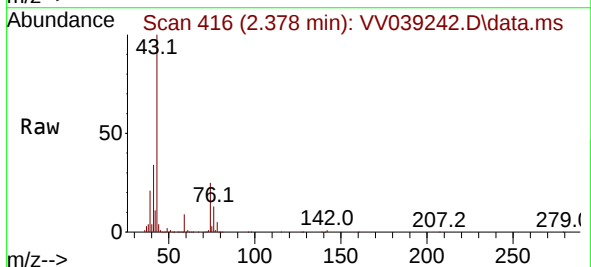
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

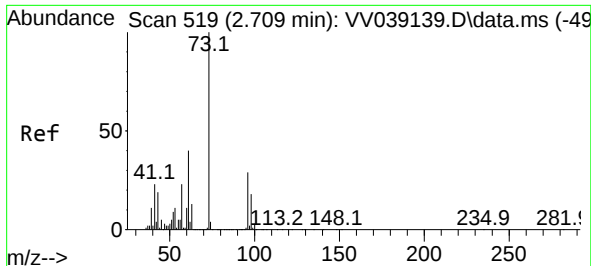
Tgt Ion: 76 Resp: 966224
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 53.306 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 43 Resp: 577040
Ion Ratio Lower Upper
43 100
74 24.5 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 50.644 ug/l

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

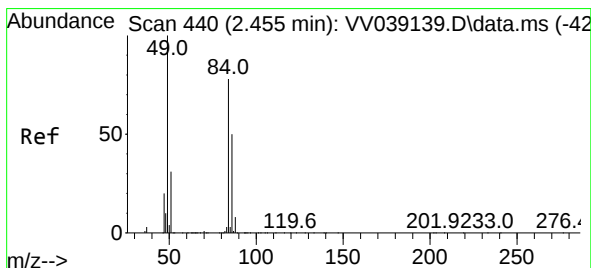
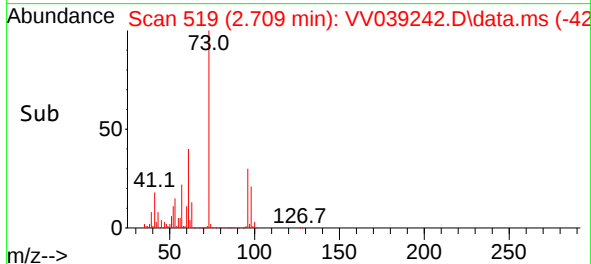
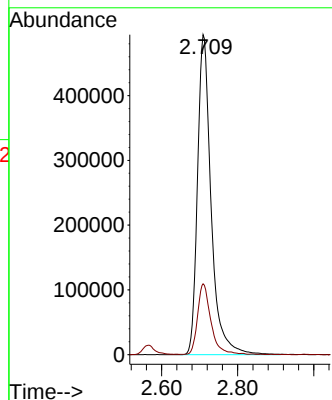
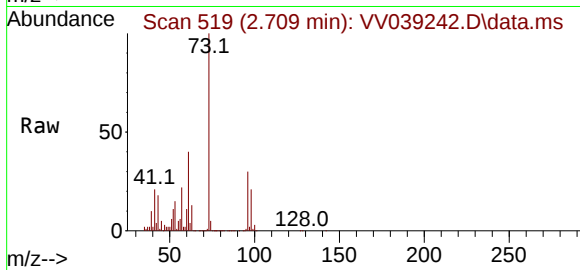
VSTDCCC050

Tgt Ion: 73 Resp: 1228261

Ion Ratio Lower Upper

73 100

57 22.1 18.2 27.4



#20

Methylene Chloride

Concen: 54.174 ug/l

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Tgt Ion: 84 Resp: 425236

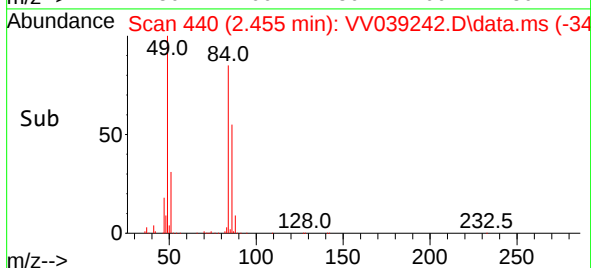
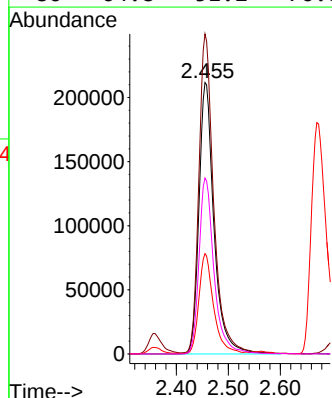
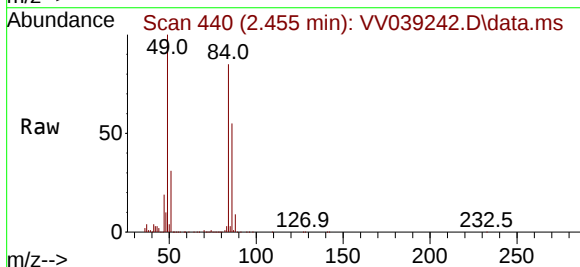
Ion Ratio Lower Upper

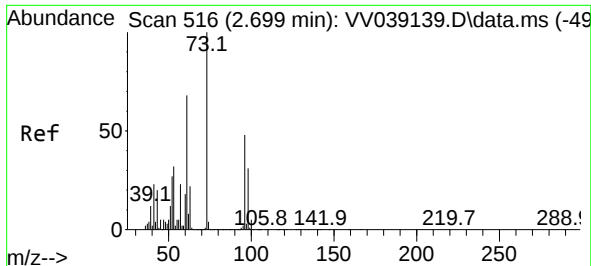
84 100

49 117.7 102.8 154.2

51 36.8 31.9 47.9

86 64.8 51.2 76.8

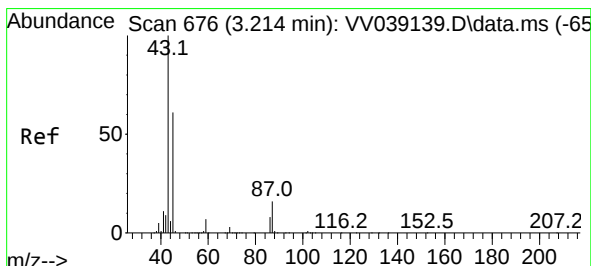
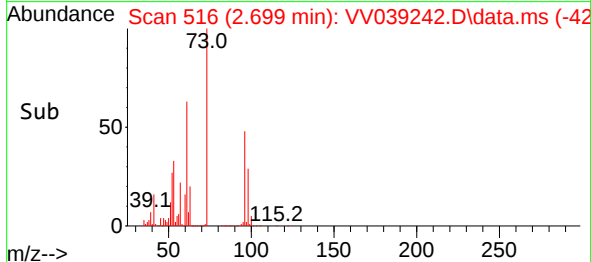
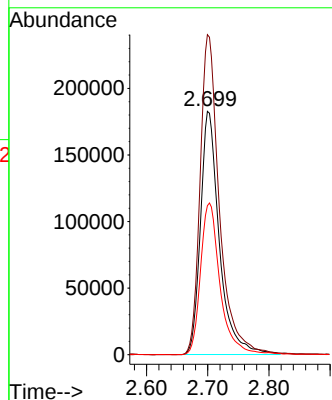
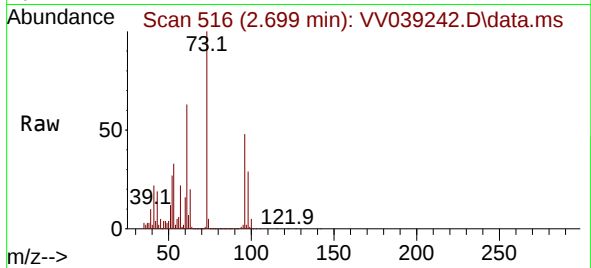




#21
trans-1,2-Dichloroethene
Concen: 48.346 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

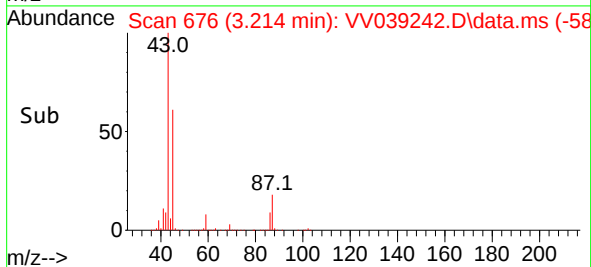
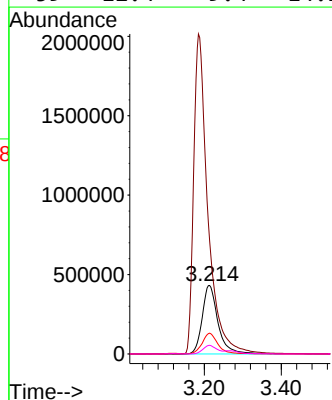
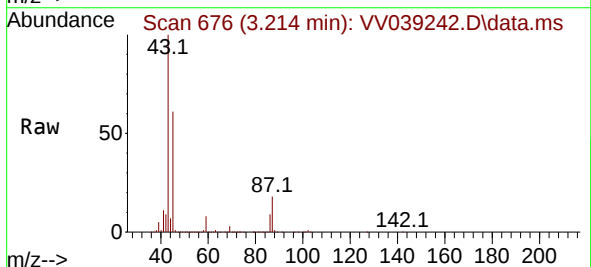
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

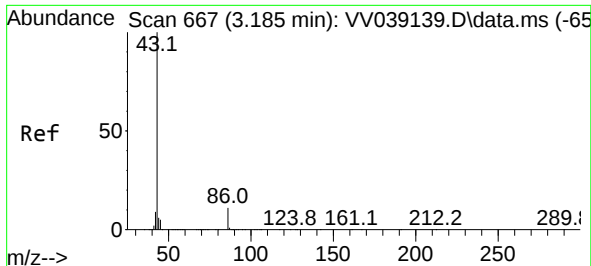
Tgt Ion: 96 Resp: 391729
Ion Ratio Lower Upper
96 100
61 131.6 112.8 169.2
98 61.2 51.1 76.7



#22
Diisopropyl ether
Concen: 47.173 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 45 Resp: 1227079
Ion Ratio Lower Upper
45 100
43 165.0 130.9 196.3
87 30.3 21.1 31.7
59 12.4 9.4 14.2

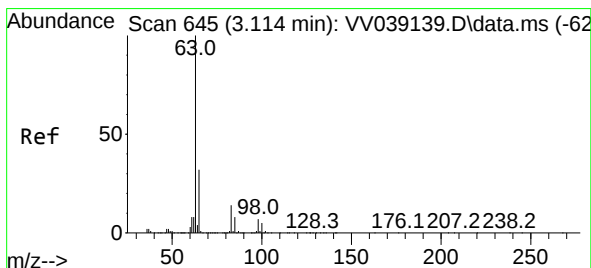
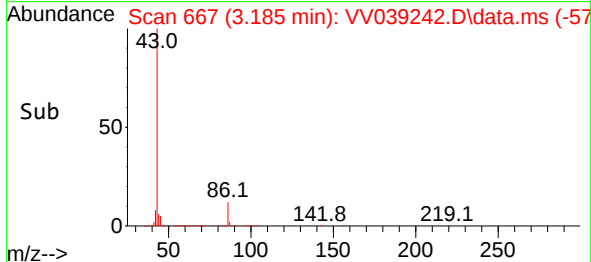
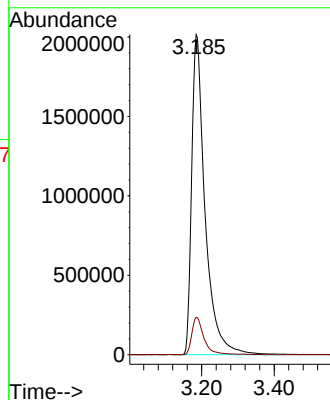
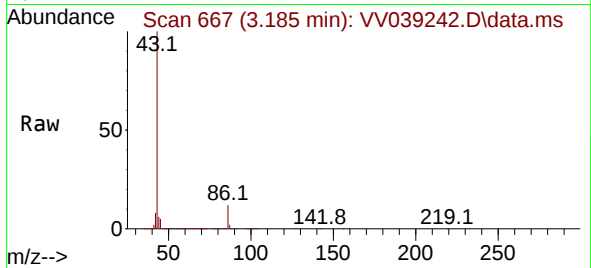




#23
 Vinyl Acetate
 Concen: 226.848 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

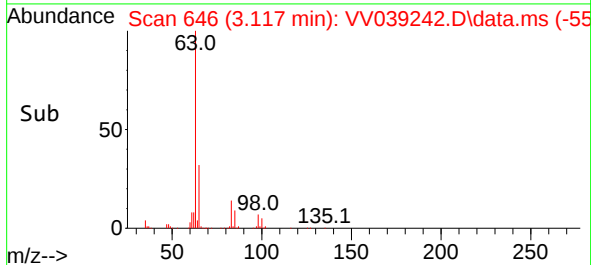
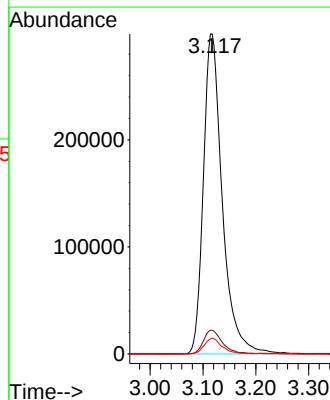
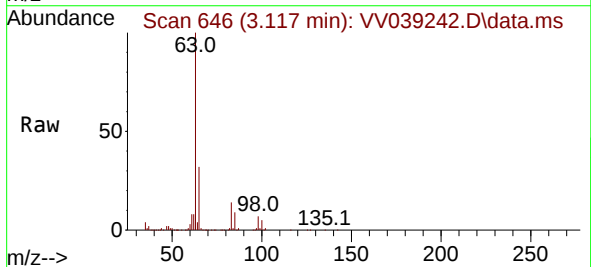
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

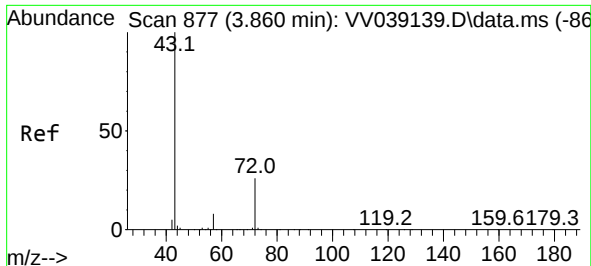
Tgt Ion: 43 Resp: 5161912
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.651 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

Tgt Ion: 63 Resp: 742092
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.9 2.2 6.6

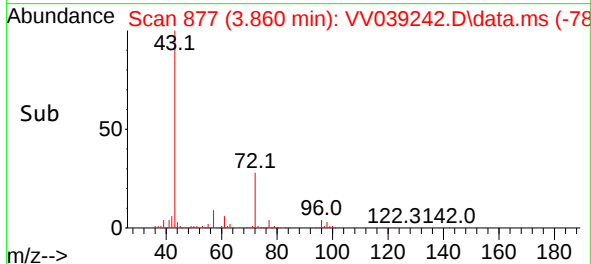
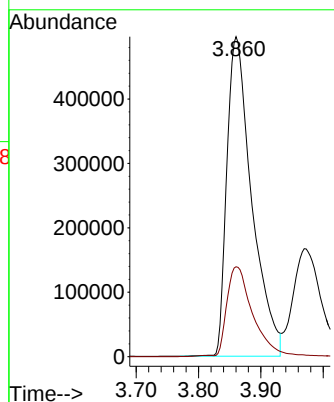
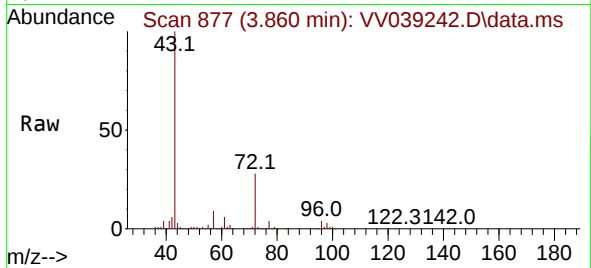




#25
2-Butanone
Concen: 235.085 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

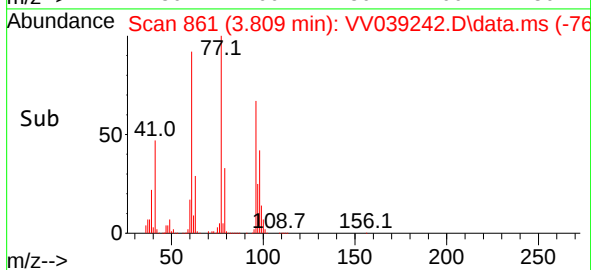
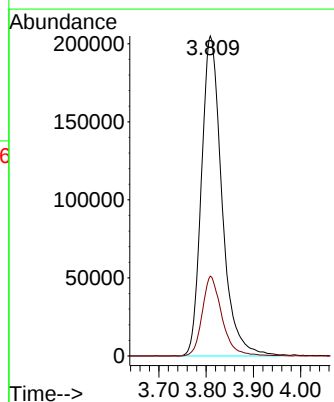
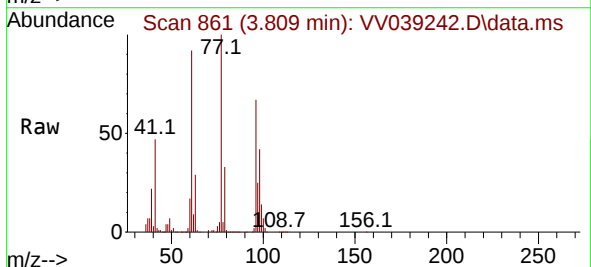
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1375343
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 43.784 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 77 Resp: 617550
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7



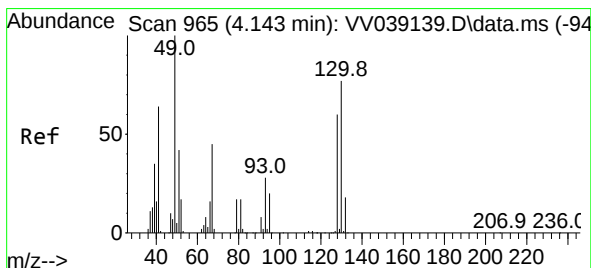
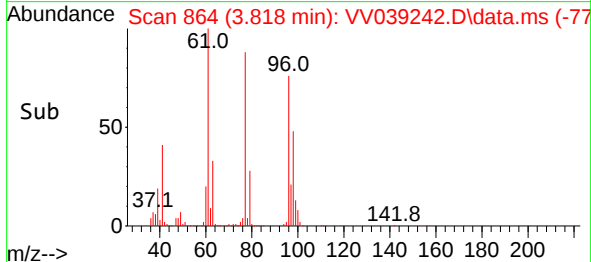
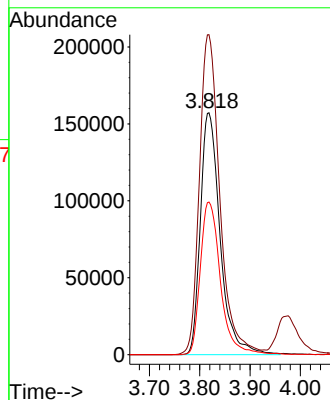
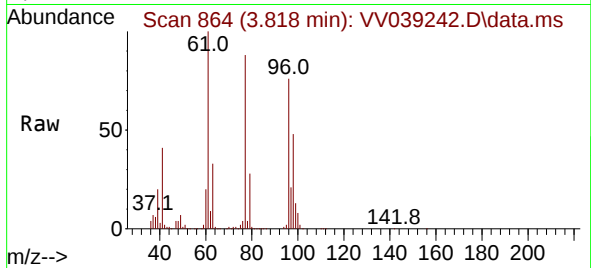


#27
 cis-1,2-Dichloroethene
 Concen: 48.015 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 429074

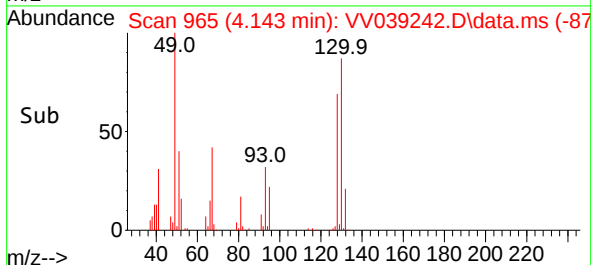
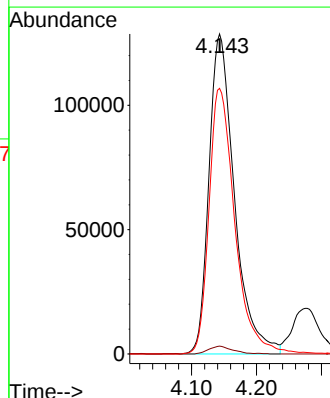
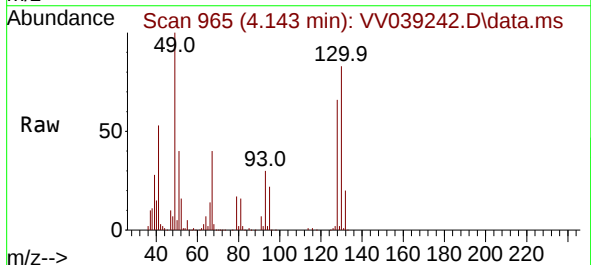
Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	286.4
98	64.1	0.0	126.6

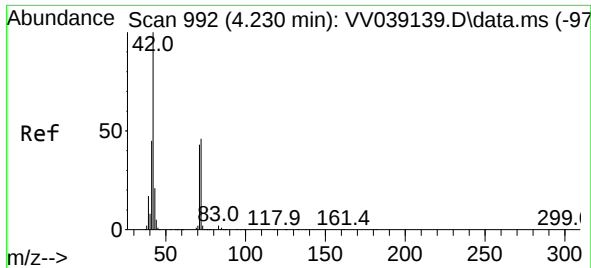


#28
 Bromochloromethane
 Concen: 49.928 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

Tgt Ion: 49 Resp: 350614

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	84.3	60.2	90.2

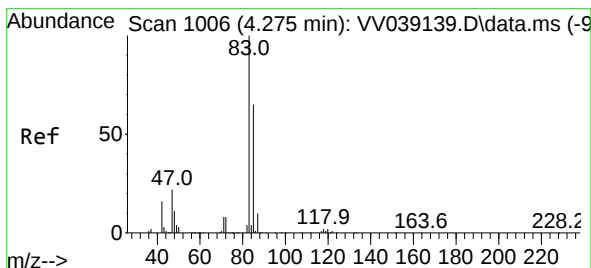
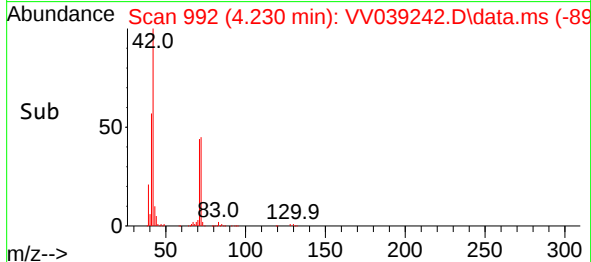
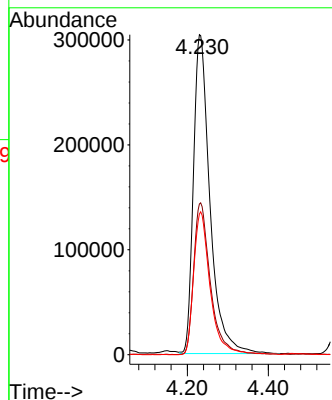
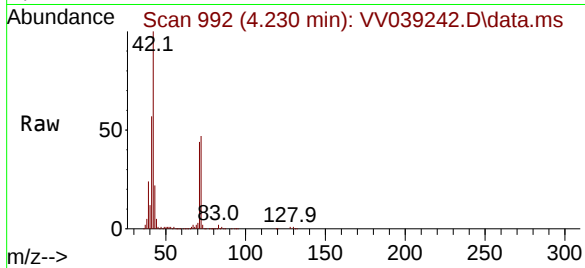




#29
Tetrahydrofuran
Concen: 235.626 ug/l
RT: 4.230 min Scan# 992
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

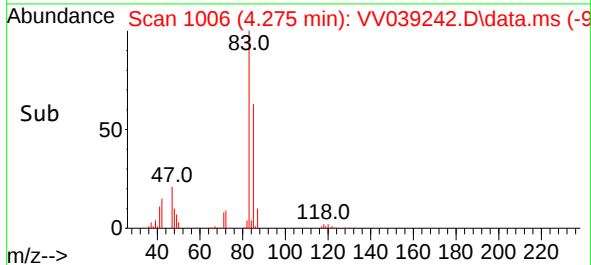
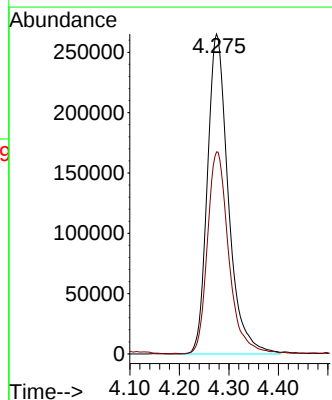
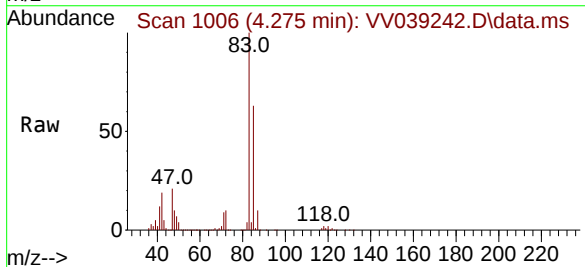
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

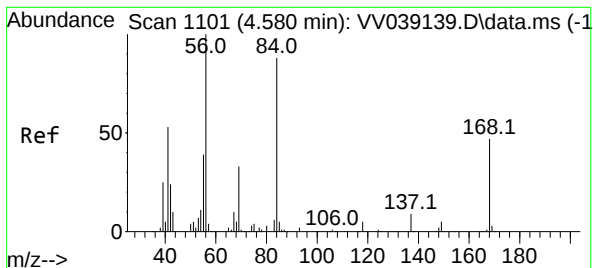
Tgt Ion: 42 Resp: 862839
Ion Ratio Lower Upper
42 100
72 48.0 36.3 54.5
71 44.4 34.3 51.5



#30
Chloroform
Concen: 46.845 ug/l
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 83 Resp: 778110
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1





#31

Cyclohexane

Concen: 40.990 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

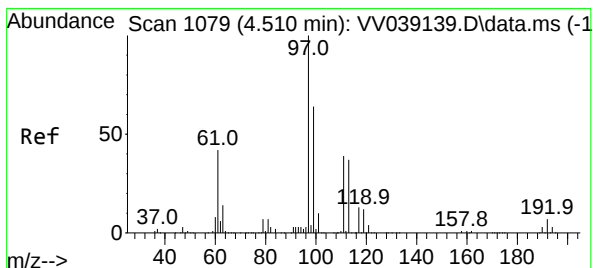
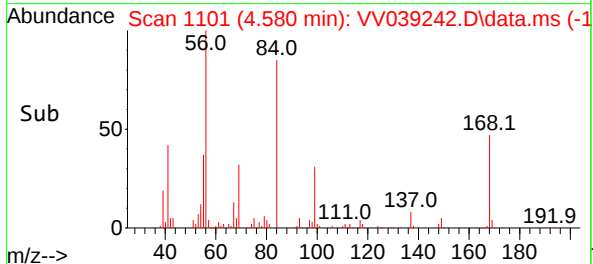
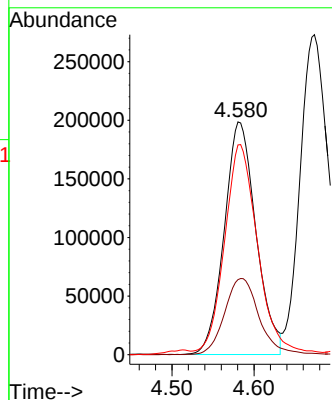
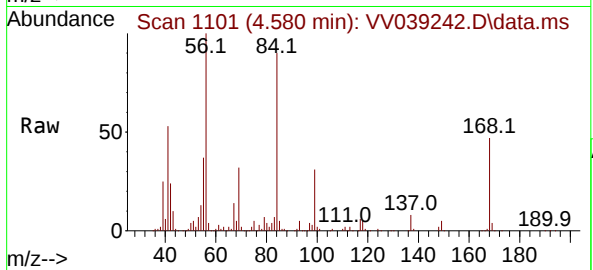
Tgt Ion: 56 Resp: 534129

Ion Ratio Lower Upper

56 100

69 32.2 26.2 39.2

84 88.3 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 46.532 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

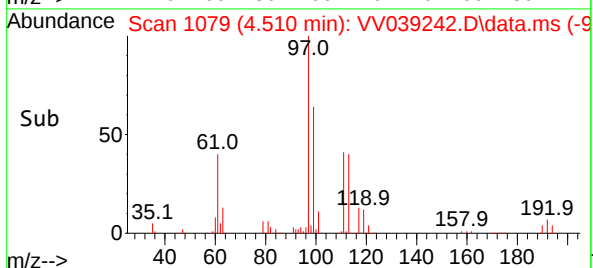
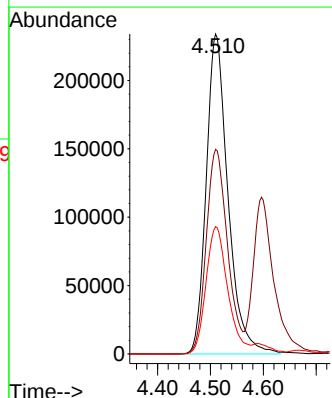
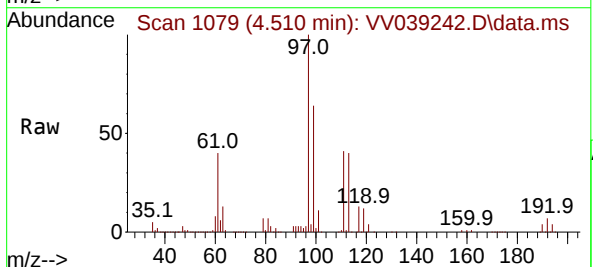
Tgt Ion: 97 Resp: 669151

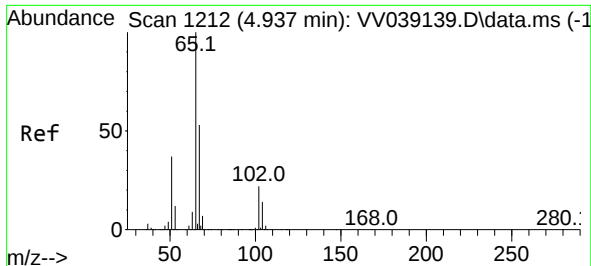
Ion Ratio Lower Upper

97 100

99 62.2 49.6 74.4

61 39.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 41.751 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

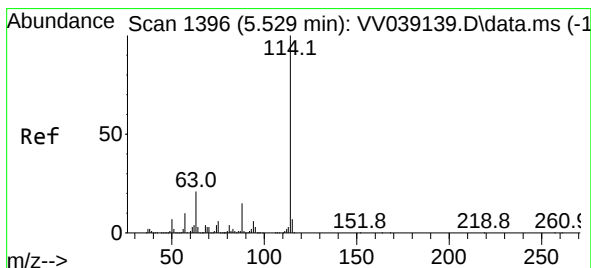
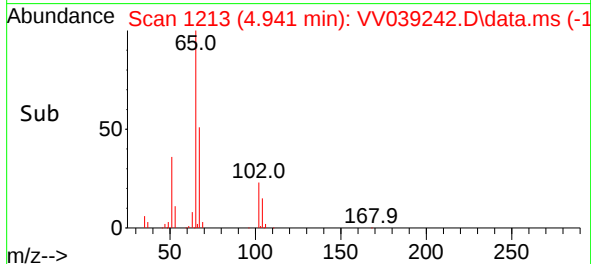
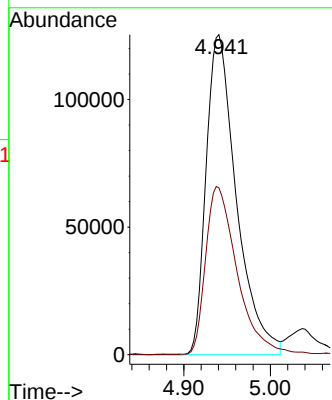
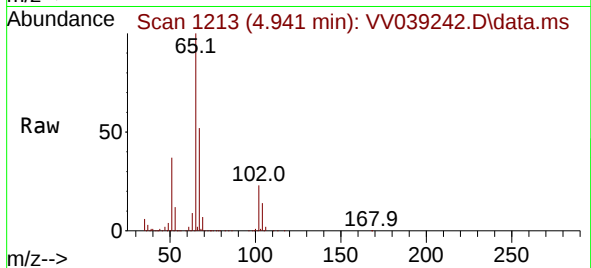
VSTDCCC050

Tgt Ion: 65 Resp: 305033

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

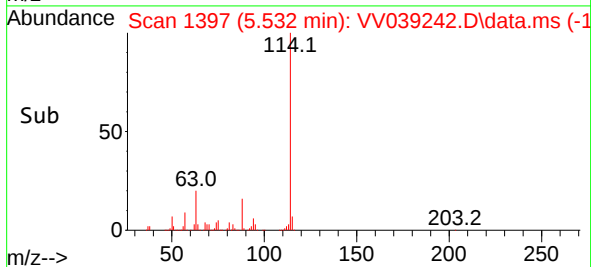
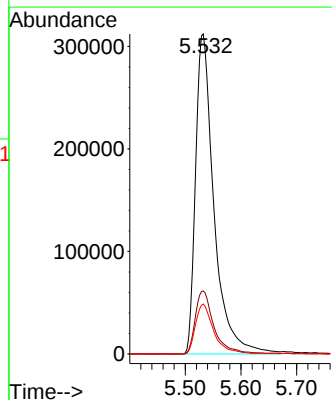
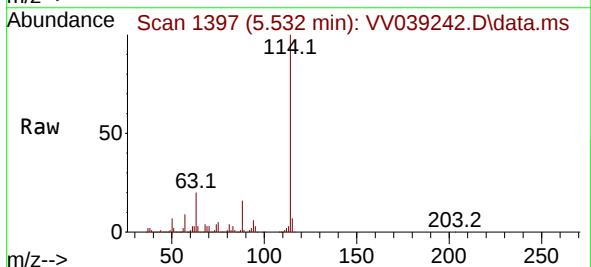
Tgt Ion: 114 Resp: 717875

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.6 0.0 30.8

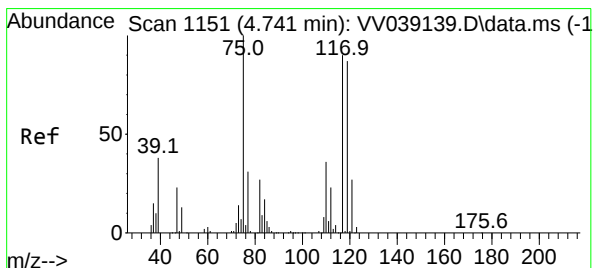
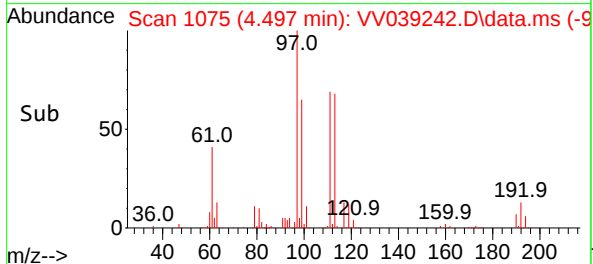
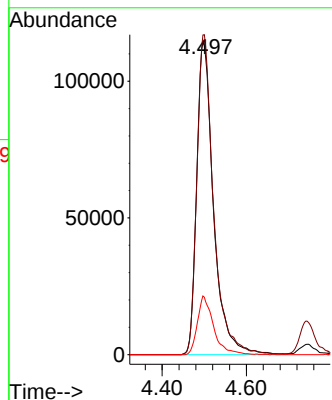
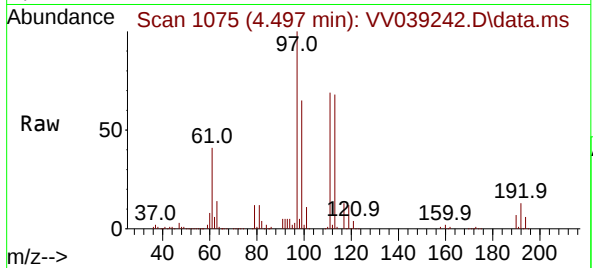




#35
Dibromofluoromethane
Concen: 55.012 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

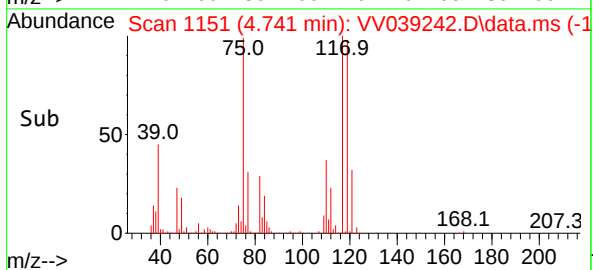
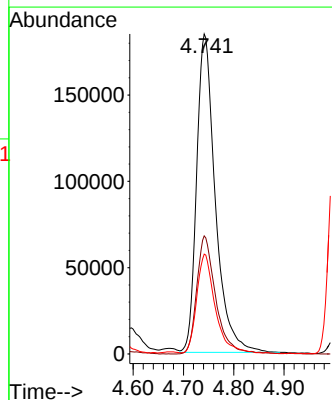
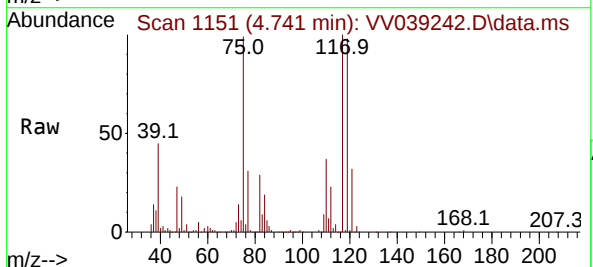
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

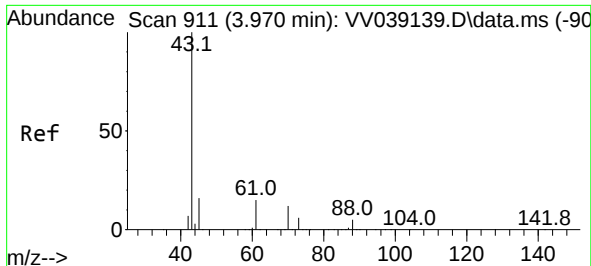
Tgt Ion:113 Resp: 317481
Ion Ratio Lower Upper
113 100
111 100.4 82.4 123.6
192 18.0 13.8 20.8



#36
1,1-Dichloropropene
Concen: 54.703 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 75 Resp: 477305
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.1
77 30.3 24.8 37.2

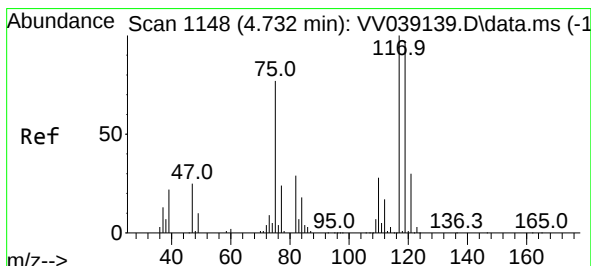
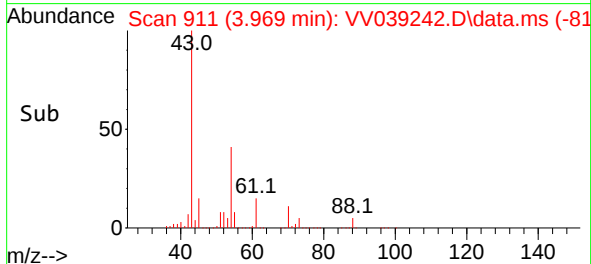
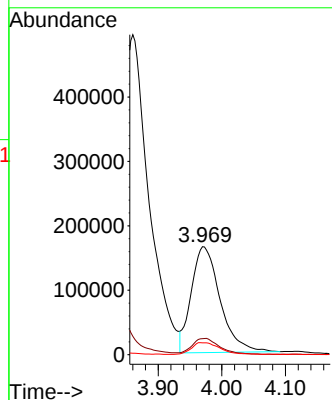
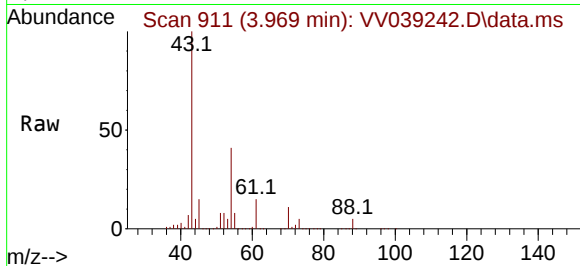




#37
Ethyl Acetate
Concen: 48.933 ug/l
RT: 3.969 min Scan# 911
Delta R.T. -0.001 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

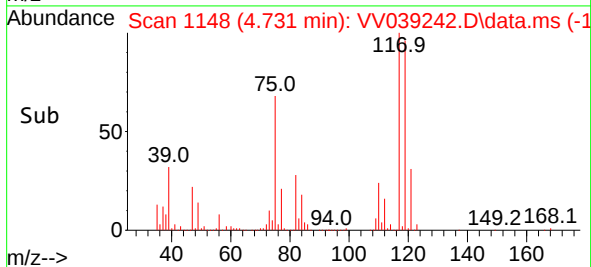
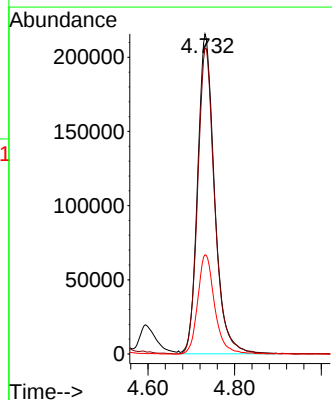
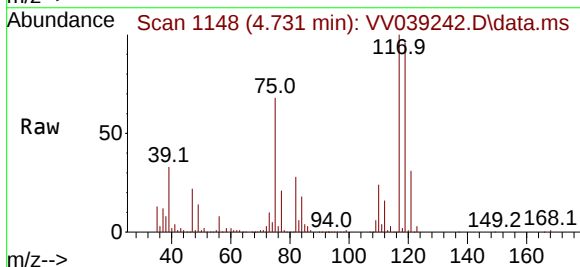
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

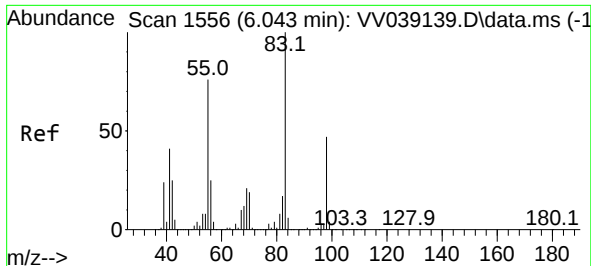
Tgt Ion: 43 Resp: 518087
Ion Ratio Lower Upper
43 100
61 14.5 10.3 15.5
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 54.914 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.001 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 117 Resp: 585594
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 51.283 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

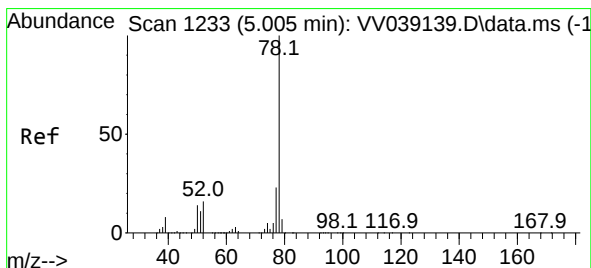
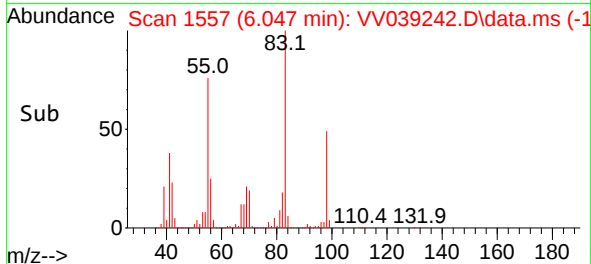
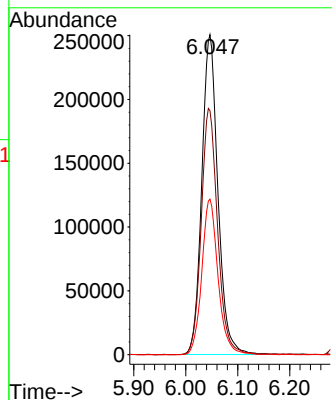
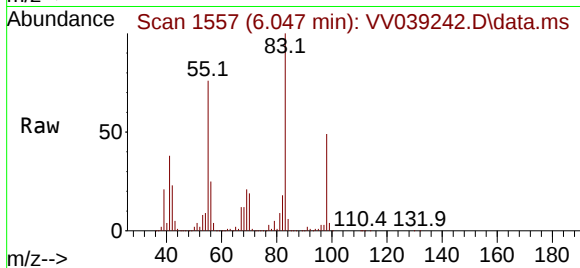
Tgt Ion: 83 Resp: 540367

Ion Ratio Lower Upper

83 100

55 76.2 60.5 90.7

98 48.6 37.8 56.6



#40

Benzene

Concen: 54.504 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039242.D

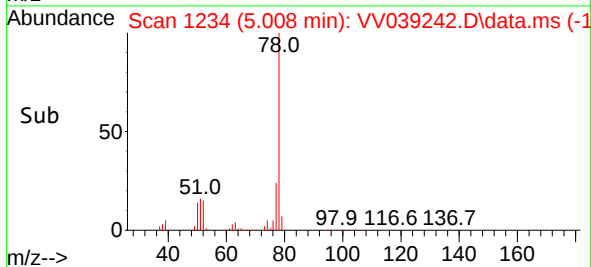
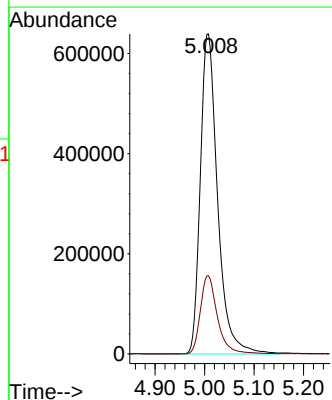
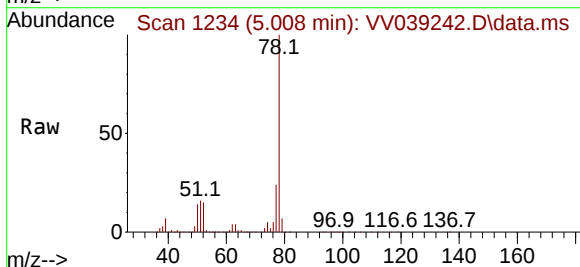
Acq: 03 Oct 2025 08:53

Tgt Ion: 78 Resp: 1548631

Ion Ratio Lower Upper

78 100

77 24.3 18.7 28.1



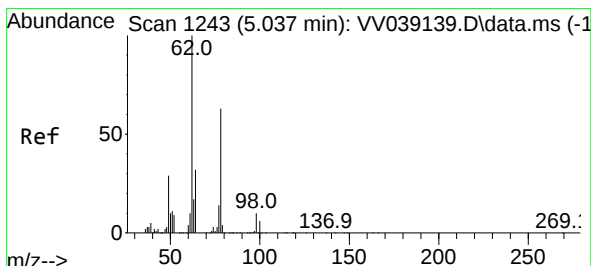
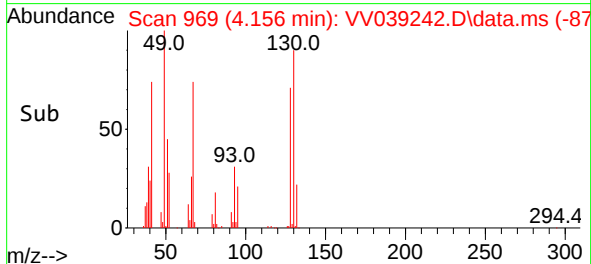
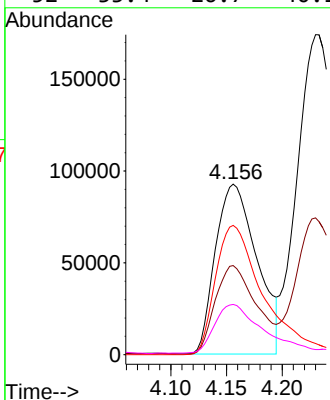
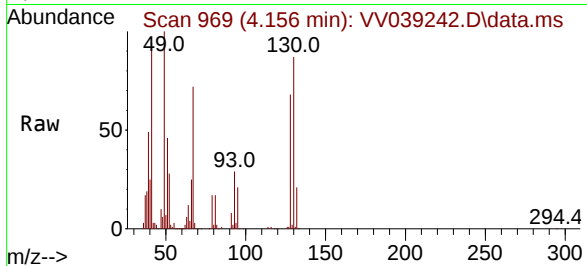


#41
Methacrylonitrile
Concen: 50.227 ug/l
RT: 4.156 min Scan# 90
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 240482

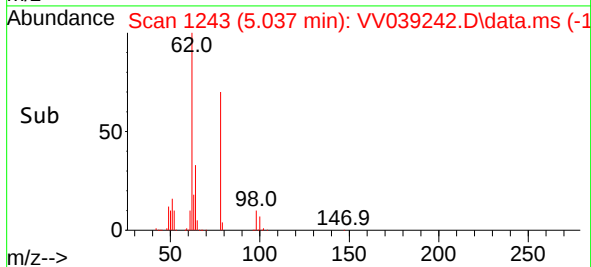
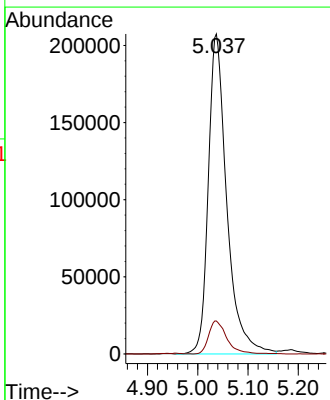
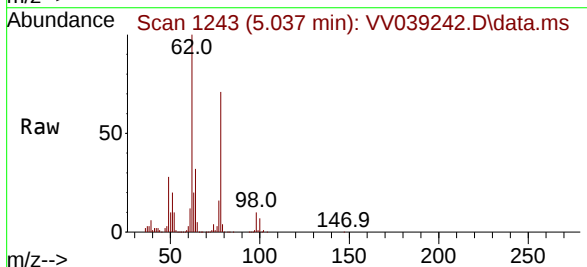
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.2	63.2
67	90.0	67.9	101.9
52	33.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 53.160 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 62 Resp: 529233

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2

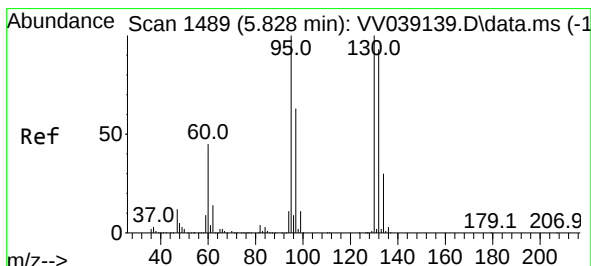
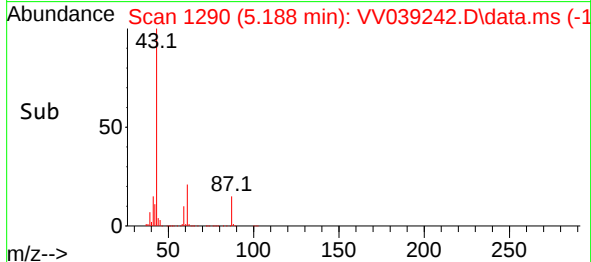
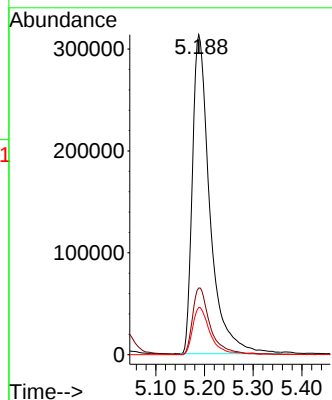
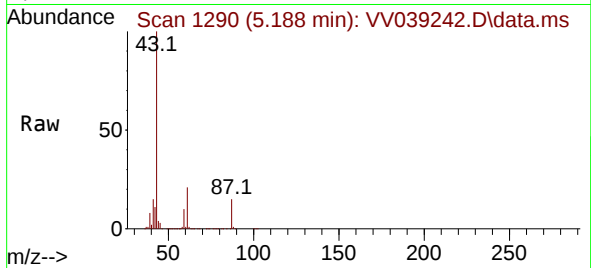




#43
Isopropyl Acetate
Concen: 54.281 ug/l
RT: 5.188 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

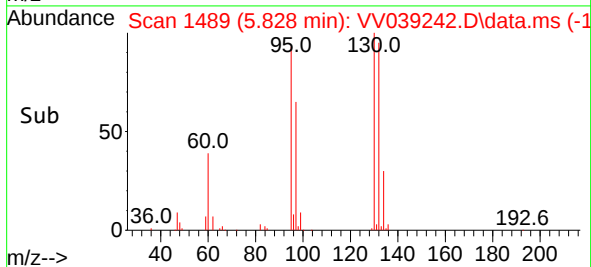
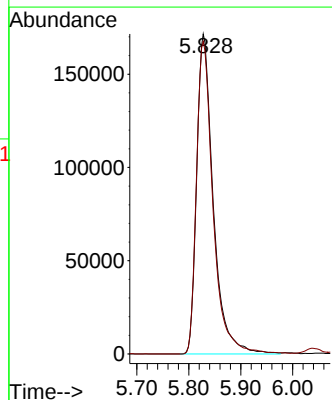
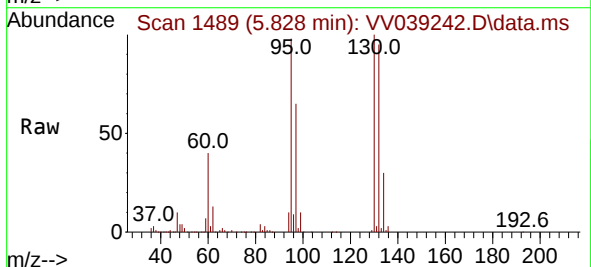
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

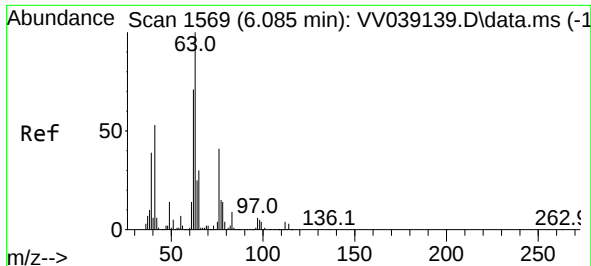
Tgt Ion: 43 Resp: 783601
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 14.9 11.0 16.6



#44
Trichloroethene
Concen: 57.993 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:130 Resp: 380227
Ion Ratio Lower Upper
130 100
95 97.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 56.590 ug/l

RT: 6.085 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

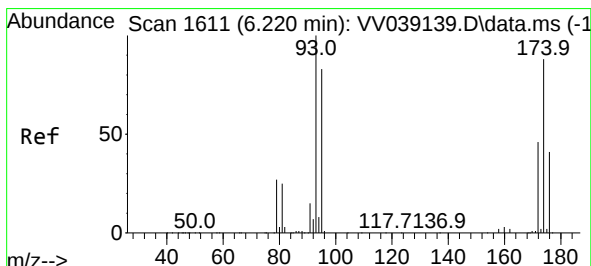
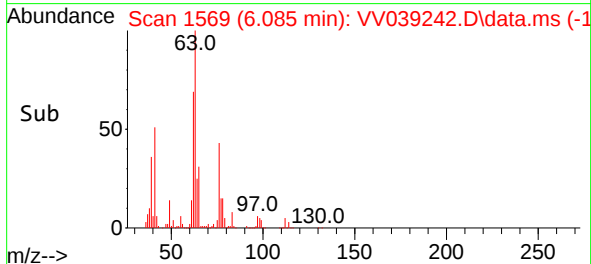
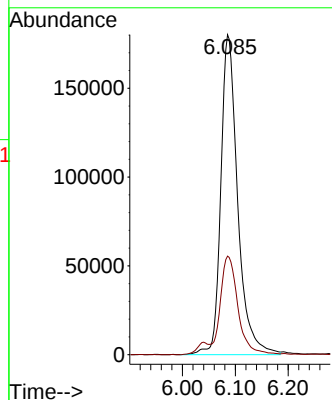
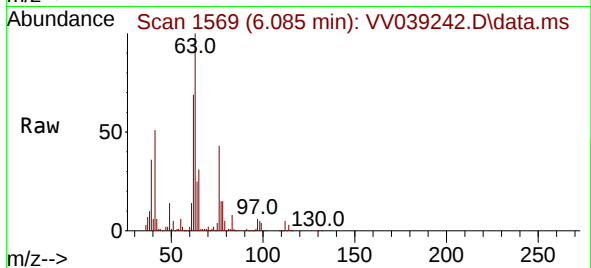
VSTDCCC050

Tgt Ion: 63 Resp: 399651

Ion Ratio Lower Upper

63 100

65 30.8 23.7 35.5



#46

Dibromomethane

Concen: 55.683 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

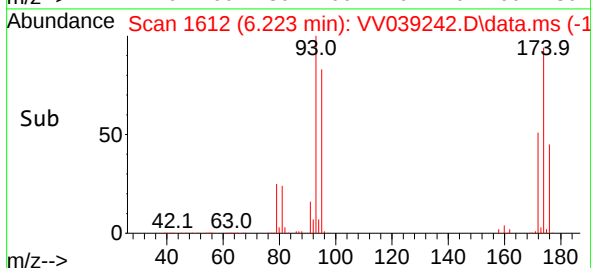
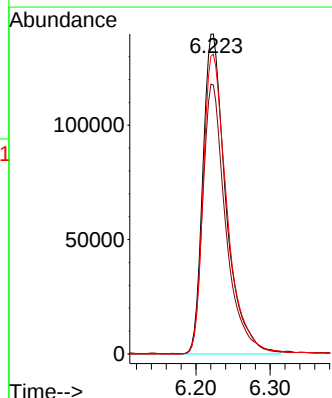
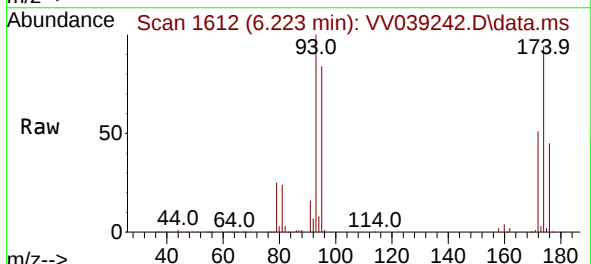
Tgt Ion: 93 Resp: 300983

Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 97.1 69.0 103.4

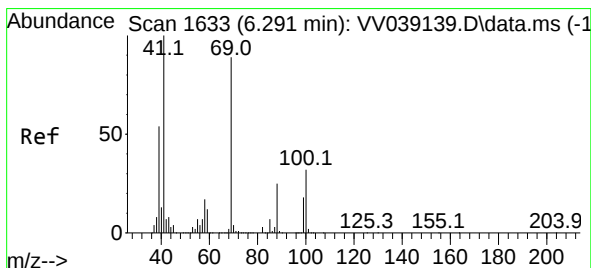
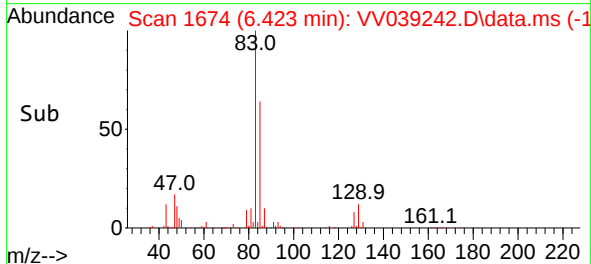
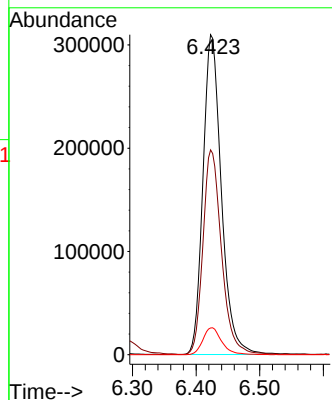
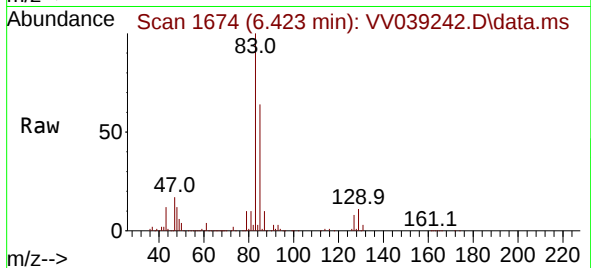




#47
Bromodichloromethane
Concen: 55.859 ug/l
RT: 6.423 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

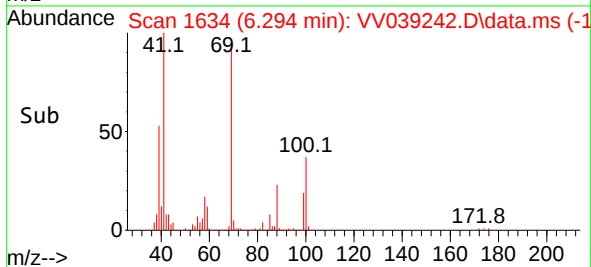
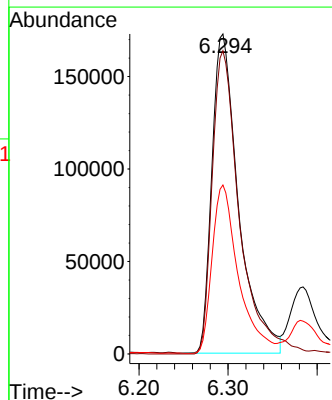
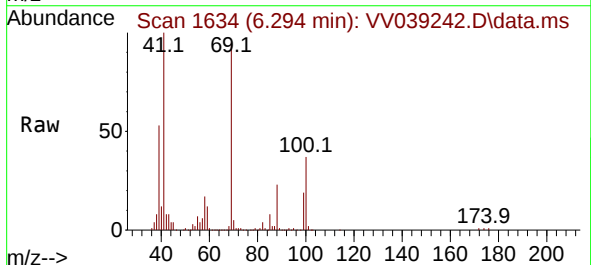
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

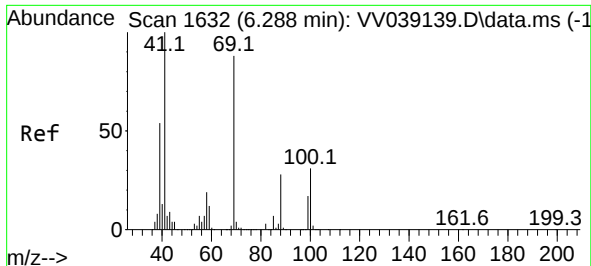
Tgt Ion: 83 Resp: 624205
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5
127 8.4 6.6 9.8



#48
Methyl methacrylate
Concen: 55.003 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 41 Resp: 359934
Ion Ratio Lower Upper
41 100
69 97.5 72.4 108.6
39 51.8 42.5 63.7





#49

1,4-Dioxane

Concen: 1030.978 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

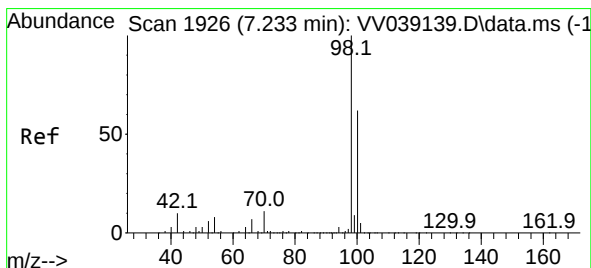
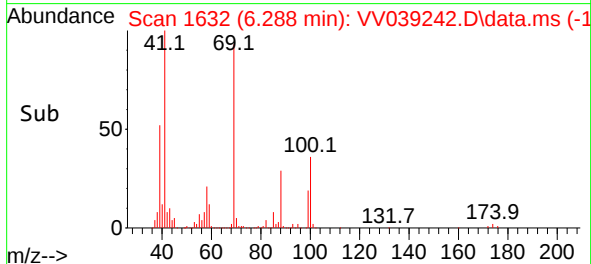
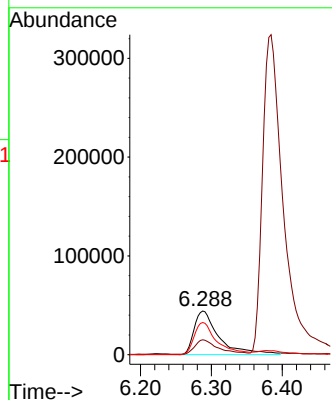
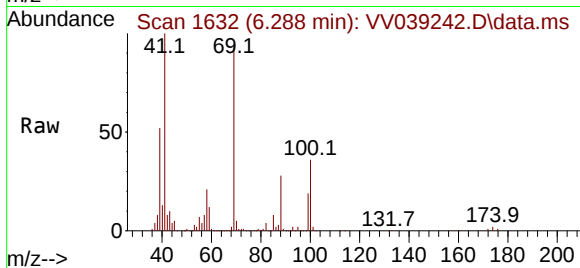
Tgt Ion: 88 Resp: 108875

Ion Ratio Lower Upper

88 100

43 30.3 25.1 37.7

58 66.3 53.6 80.4



#50

Toluene-d8

Concen: 50.551 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV039242.D

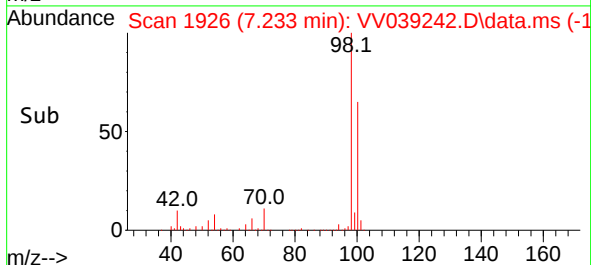
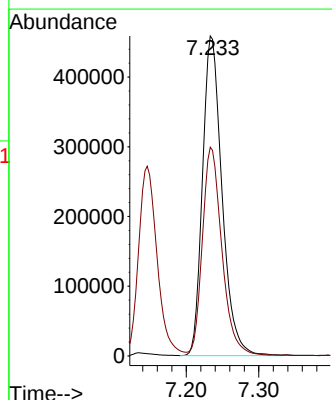
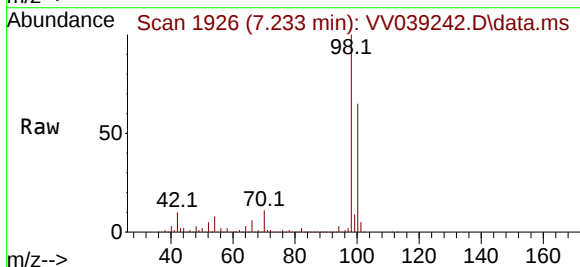
Acq: 03 Oct 2025 08:53

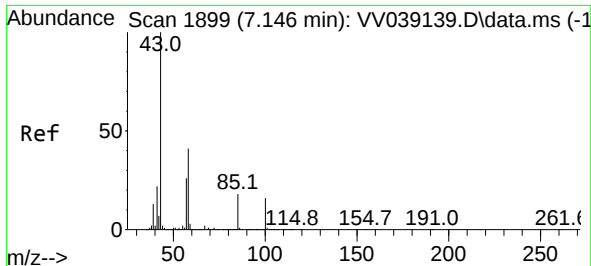
Tgt Ion: 98 Resp: 856835

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 290.997 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

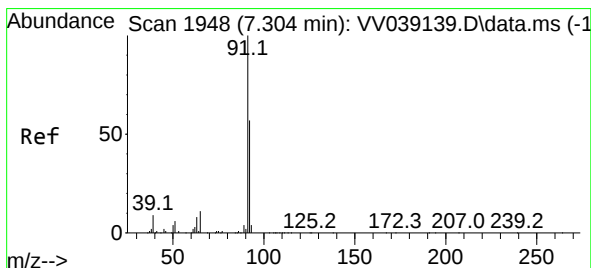
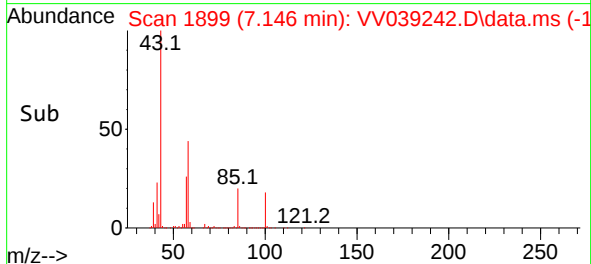
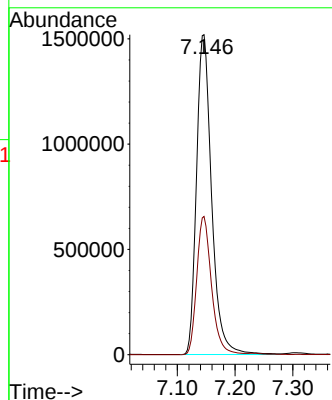
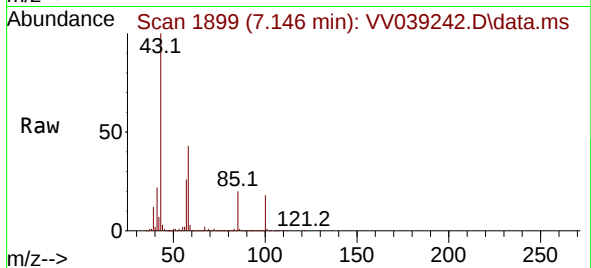
VSTDCCC050

Tgt Ion: 43 Resp: 2763632

Ion Ratio Lower Upper

43 100

58 42.3 32.3 48.5



#52

Toluene

Concen: 60.564 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039242.D

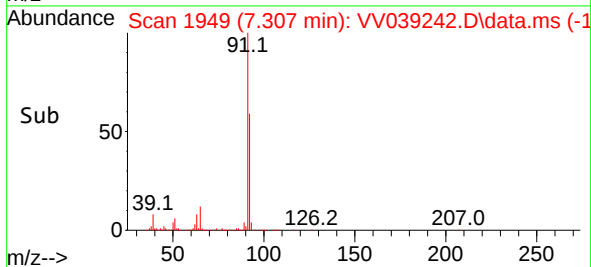
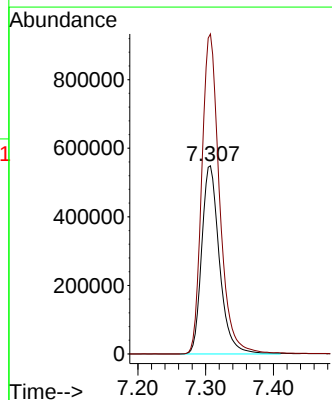
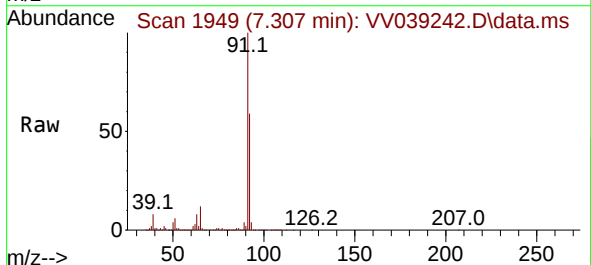
Acq: 03 Oct 2025 08:53

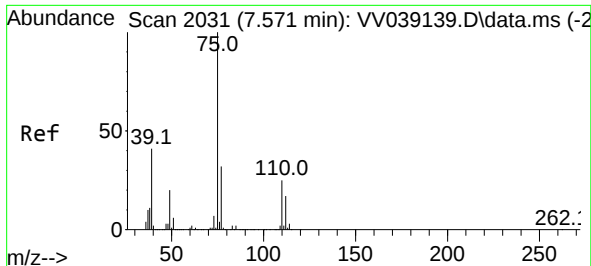
Tgt Ion: 92 Resp: 997722

Ion Ratio Lower Upper

92 100

91 170.6 139.2 208.8

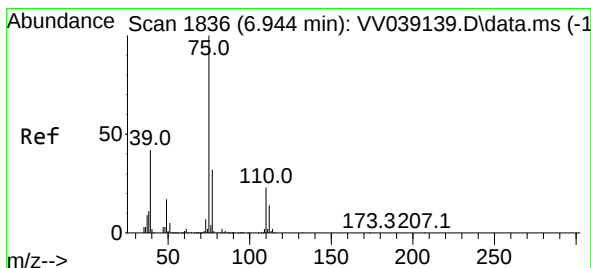
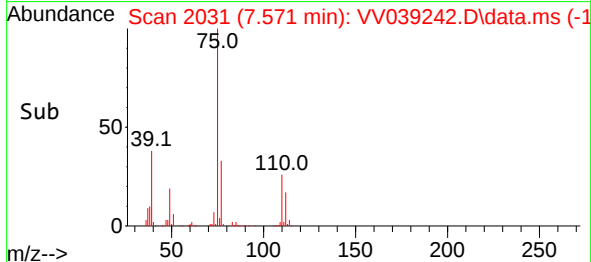
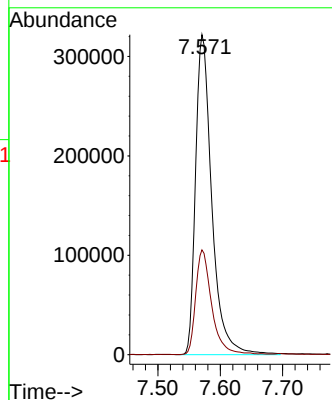
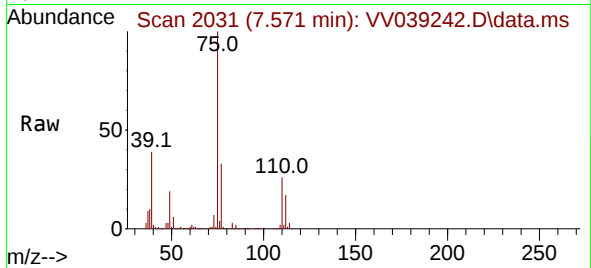




#53
 t-1,3-Dichloropropene
 Concen: 59.756 ug/l
 RT: 7.571 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

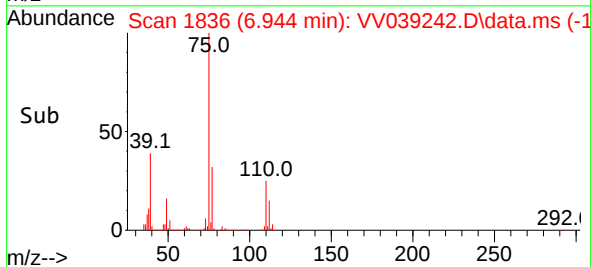
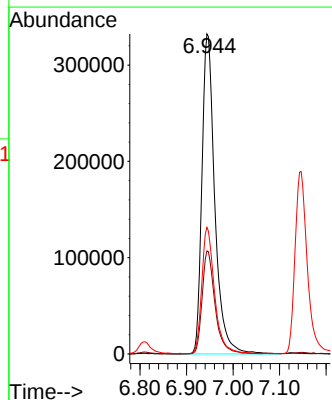
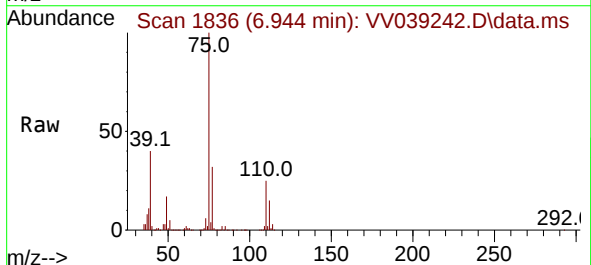
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

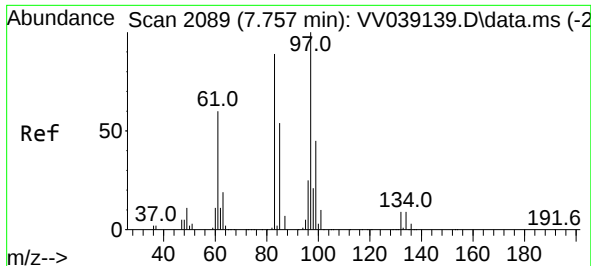
Tgt Ion: 75 Resp: 581937
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 59.500 ug/l
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

Tgt Ion: 75 Resp: 639668
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 39.5 33.8 50.6



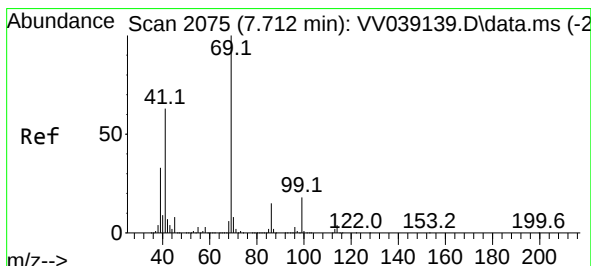
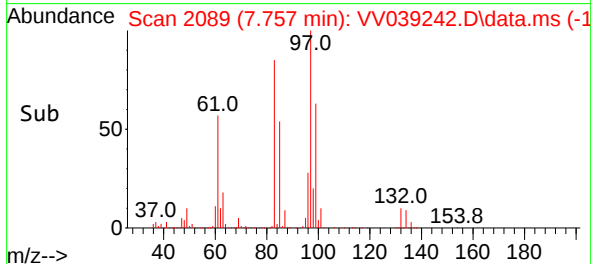
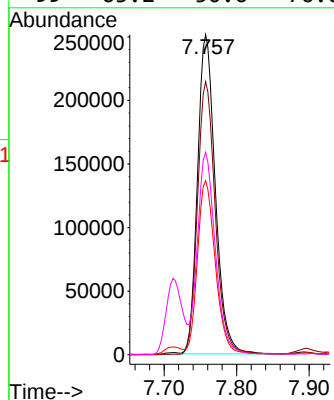
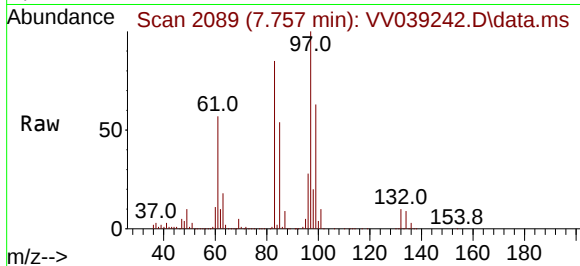


#55
1,1,2-Trichloroethane
Concen: 57.949 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 428052

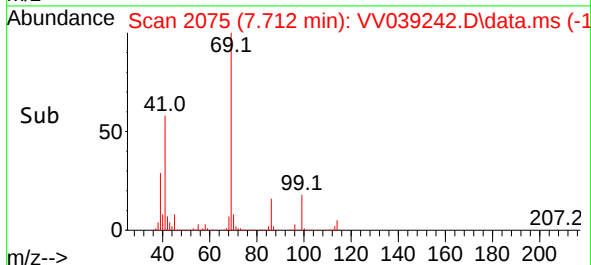
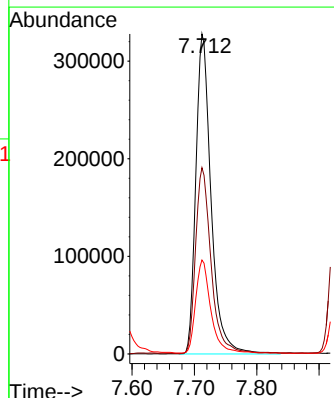
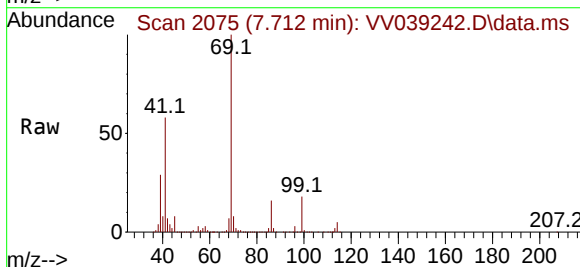
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.1	106.7
85	54.3	44.6	67.0
99	63.2	50.6	76.0

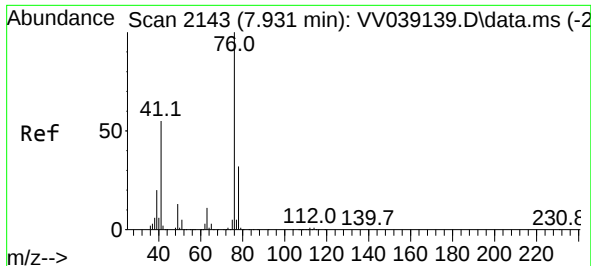


#56
Ethyl methacrylate
Concen: 63.413 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 69 Resp: 556268

Ion	Ratio	Lower	Upper
69	100		
41	58.9	50.7	76.1
39	28.8	26.0	39.0





#57

1,3-Dichloropropane

Concen: 57.955 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

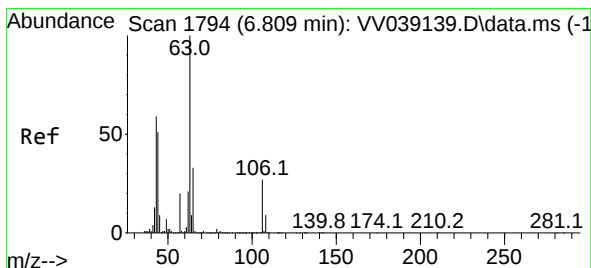
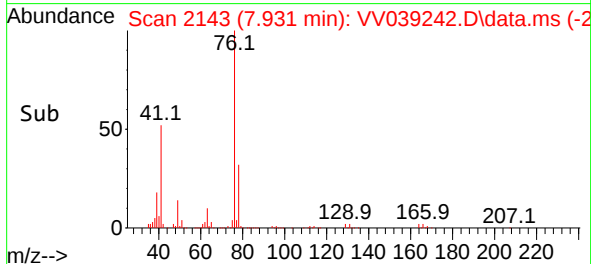
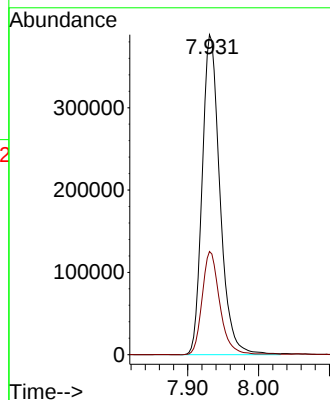
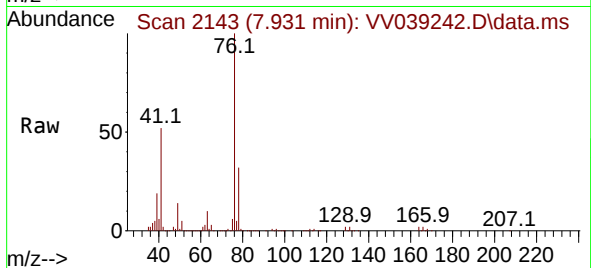
VSTDCCC050

Tgt Ion: 76 Resp: 675609

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 240.718 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039242.D

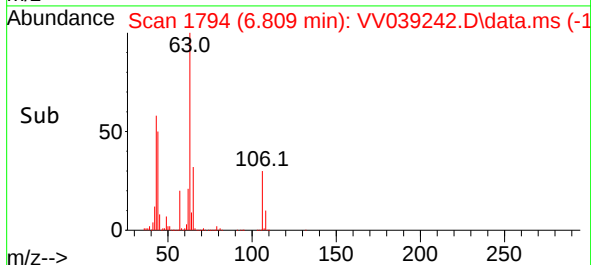
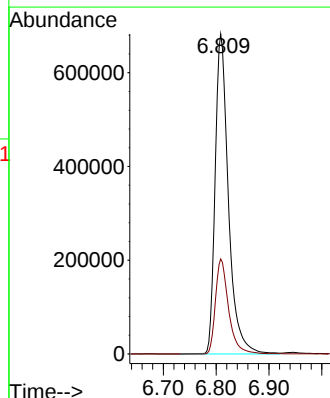
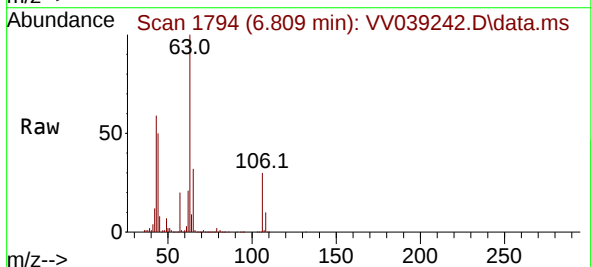
Acq: 03 Oct 2025 08:53

Tgt Ion: 63 Resp: 1190479

Ion Ratio Lower Upper

63 100

106 29.4 22.1 33.1

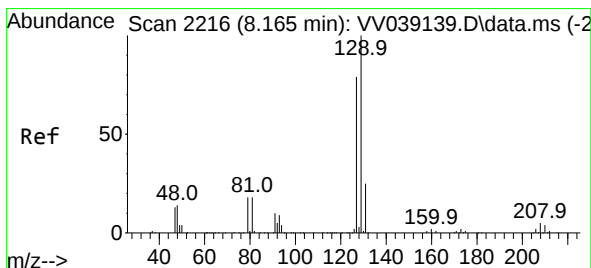
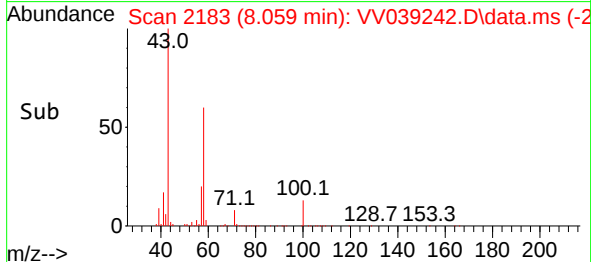
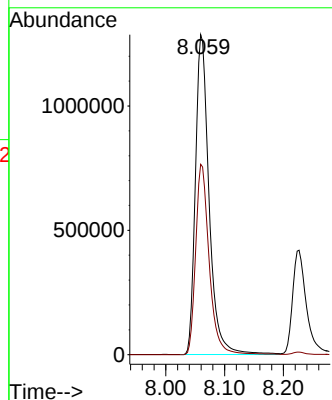
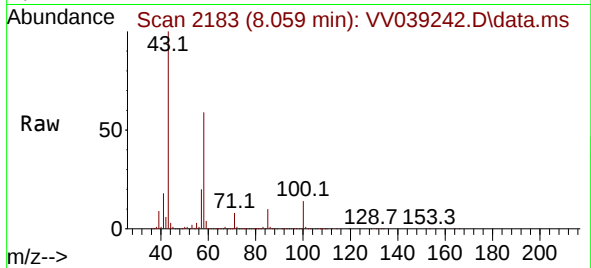




#59
2-Hexanone
Concen: 270.676 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

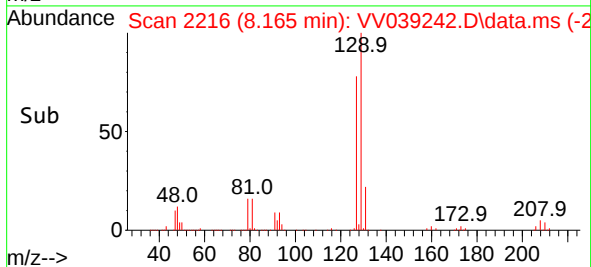
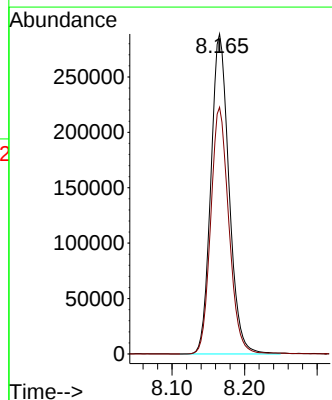
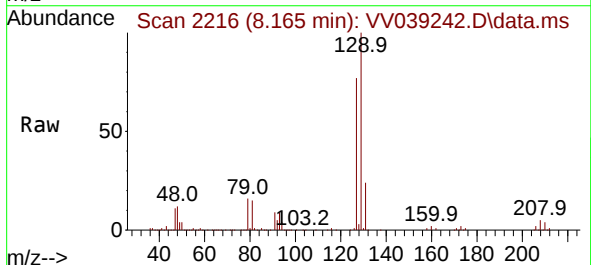
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2076495
Ion Ratio Lower Upper
43 100
58 59.0 28.3 85.0



#60
Dibromochloromethane
Concen: 59.550 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:129 Resp: 501215
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.9

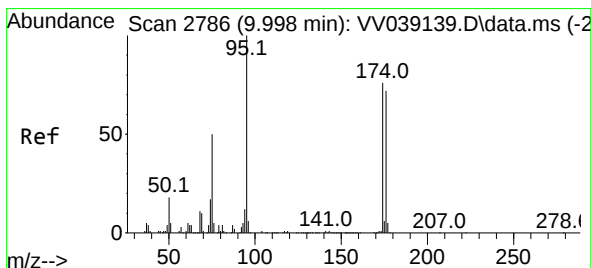
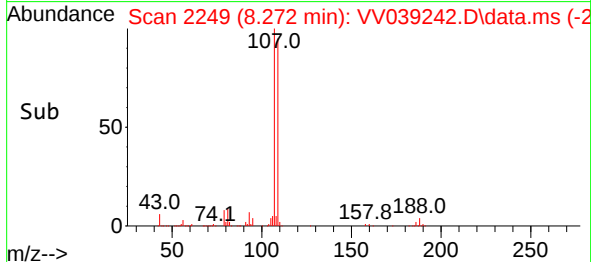
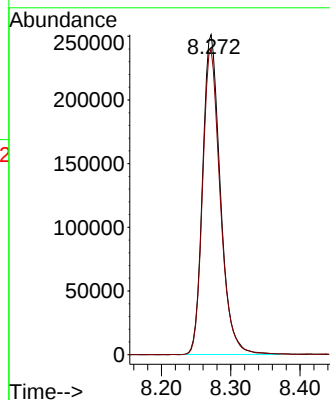
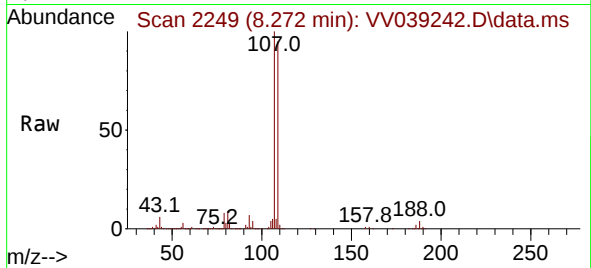




#61
1,2-Dibromoethane
Concen: 59.030 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

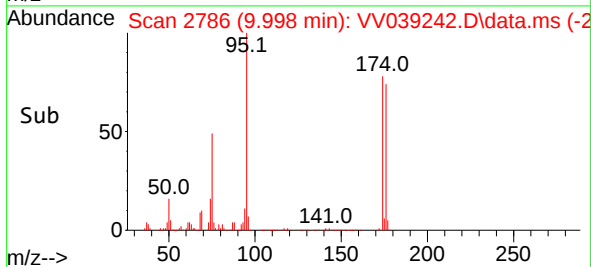
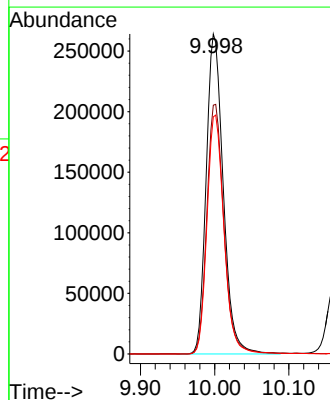
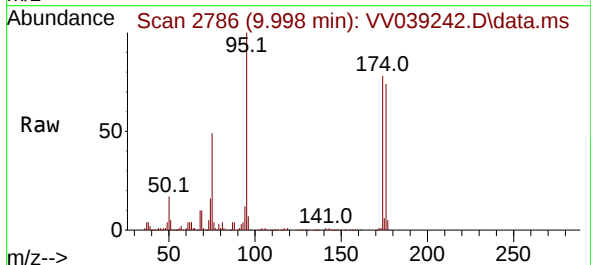
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

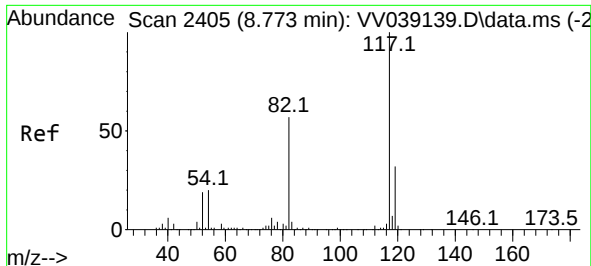
Tgt Ion:107 Resp: 445928
Ion Ratio Lower Upper
107 100
109 95.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 60.326 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 95 Resp: 420941
Ion Ratio Lower Upper
95 100
174 78.2 0.0 150.4
176 74.1 0.0 144.2

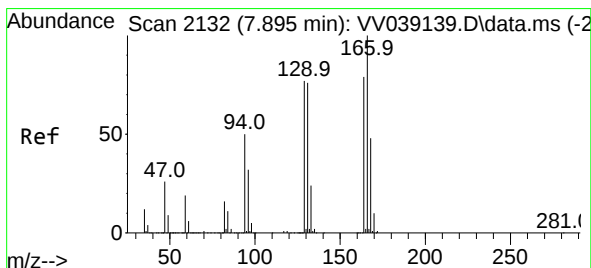
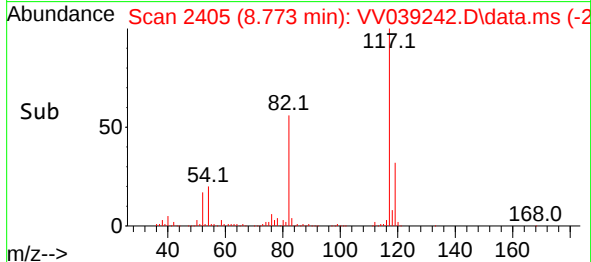
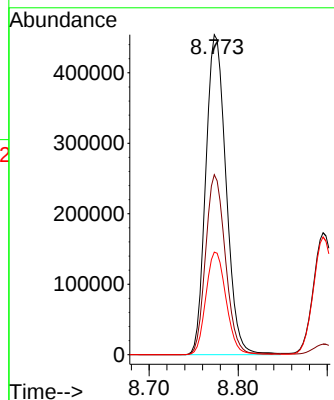
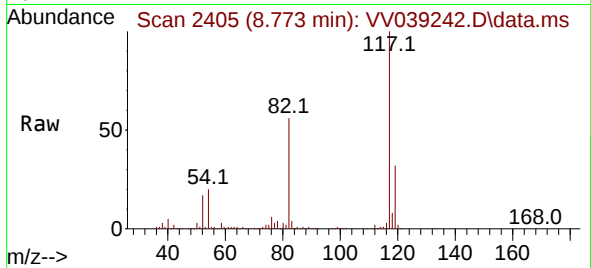




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

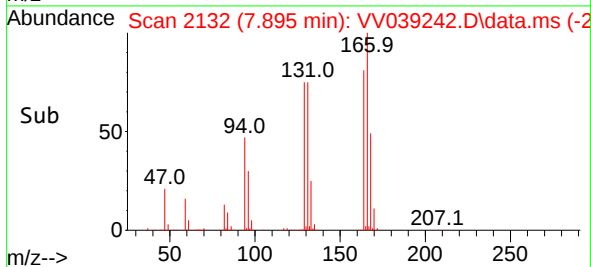
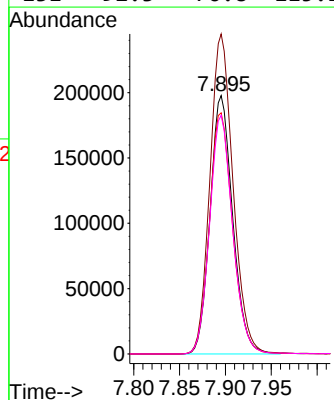
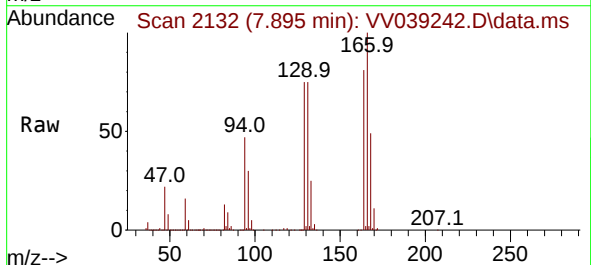
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

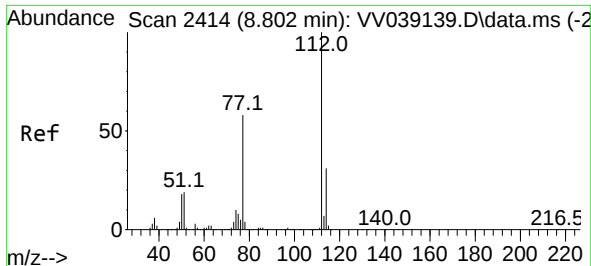
Tgt Ion:117 Resp: 718198
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 56.385 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:164 Resp: 339185
Ion Ratio Lower Upper
164 100
166 123.9 101.6 152.4
129 93.3 78.5 117.7
131 92.3 76.8 115.2

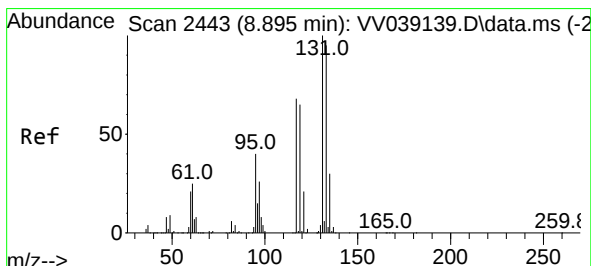
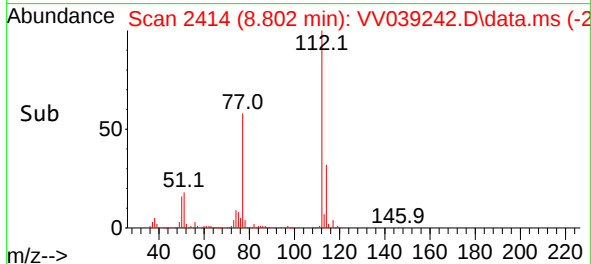
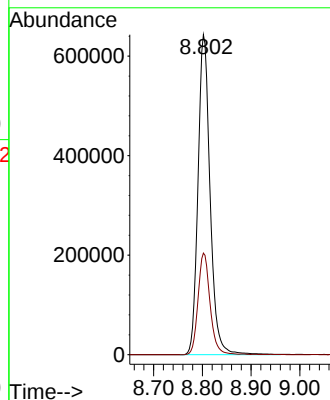
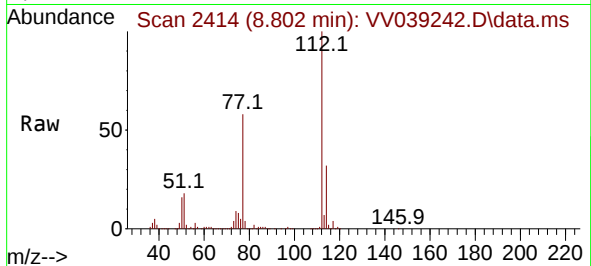




#65
Chlorobenzene
Concen: 55.521 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

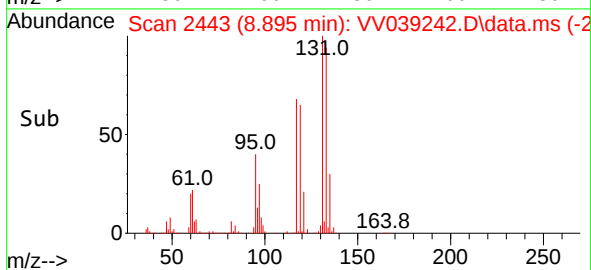
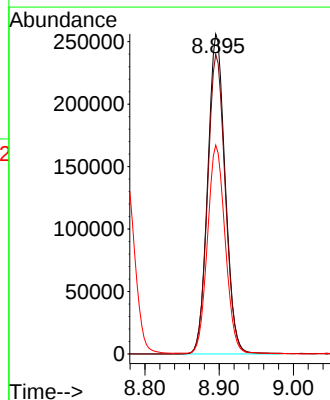
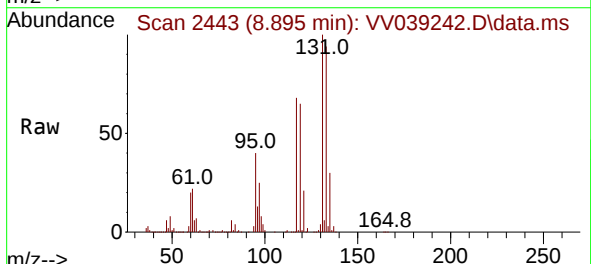
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

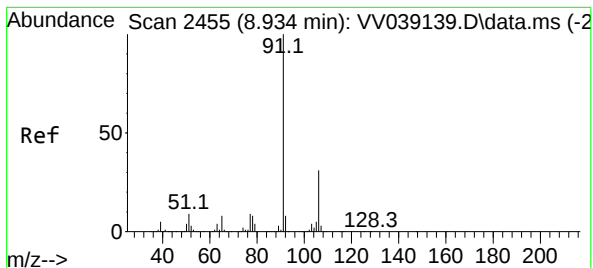
Tgt Ion:112 Resp: 1110690
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 57.876 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:131 Resp: 418344
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 65.8 33.3 99.8





#67

Ethyl Benzene

Concen: 60.034 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

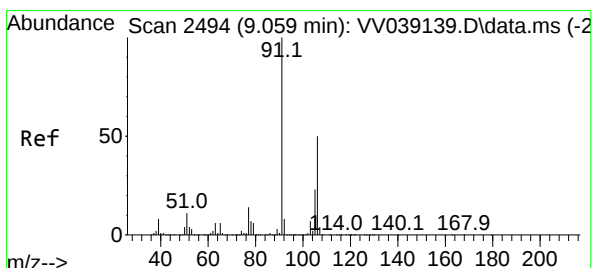
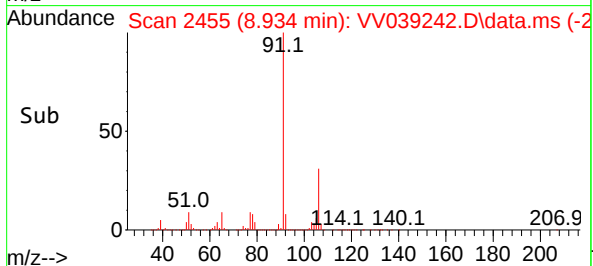
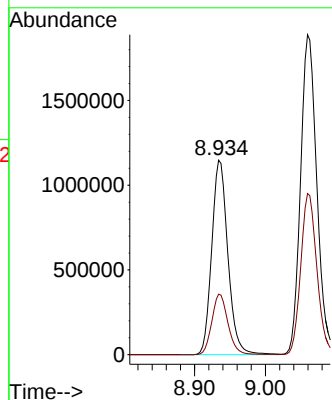
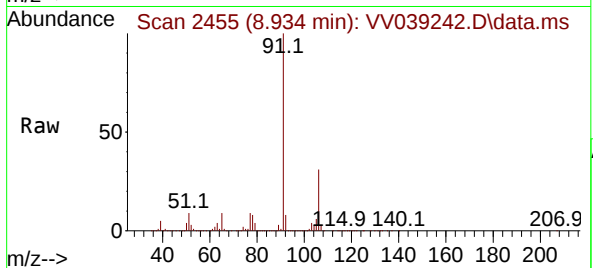
VSTDCCC050

Tgt Ion: 91 Resp: 1817939

Ion Ratio Lower Upper

91 100

106 31.1 24.6 37.0



#68

m/p-Xylenes

Concen: 129.107 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VV039242.D

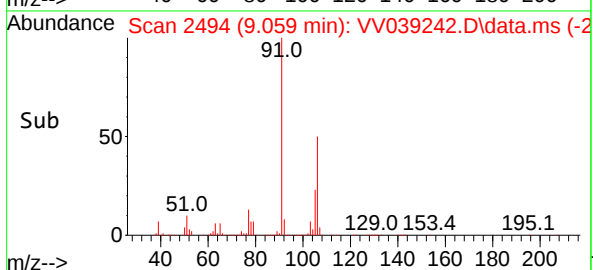
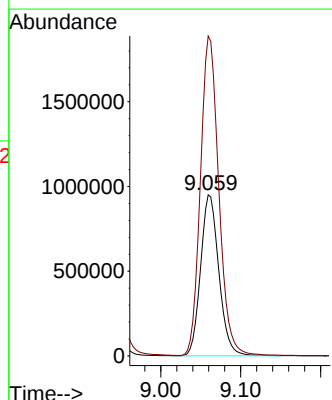
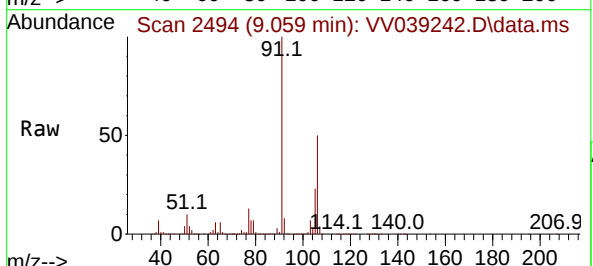
Acq: 03 Oct 2025 08:53

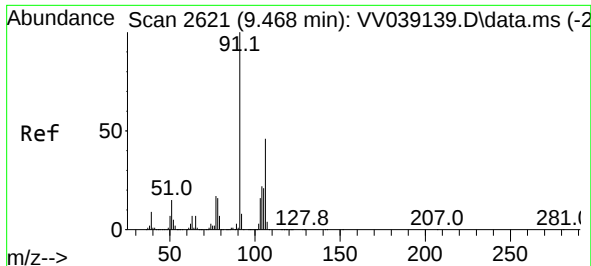
Tgt Ion:106 Resp: 1508955

Ion Ratio Lower Upper

106 100

91 200.5 162.5 243.7





#69

o-Xylene

Concen: 64.270 ug/l

RT: 9.468 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

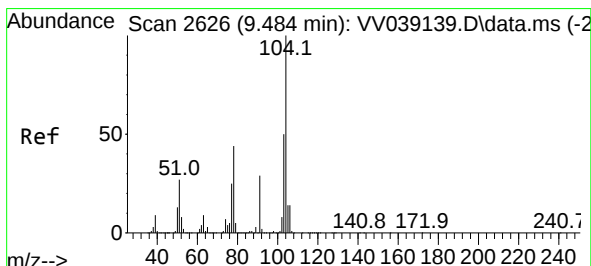
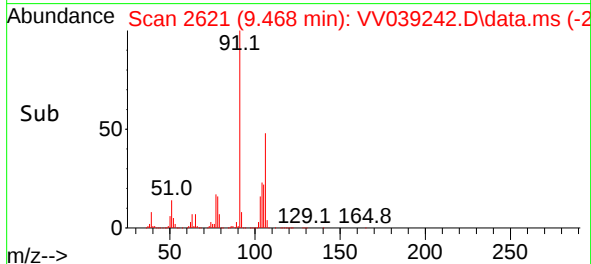
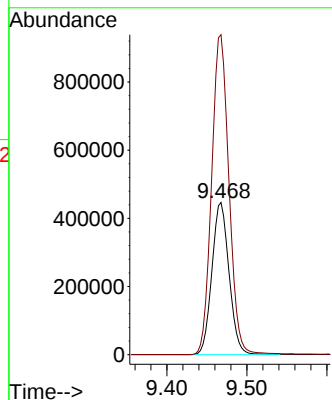
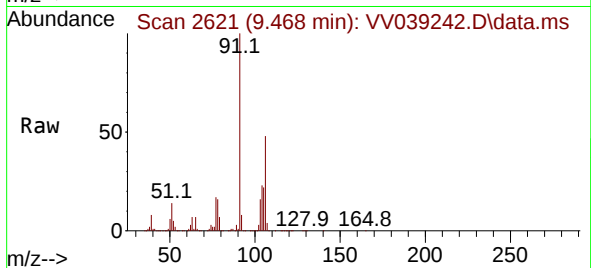
VSTDCCC050

Tgt Ion:106 Resp: 665107

Ion Ratio Lower Upper

106 100

91 212.8 109.1 327.3



#70

Styrene

Concen: 57.814 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

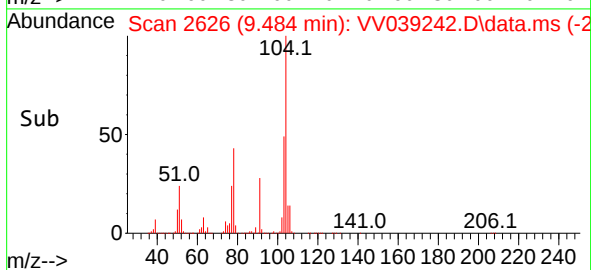
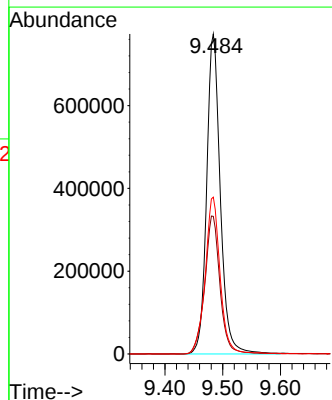
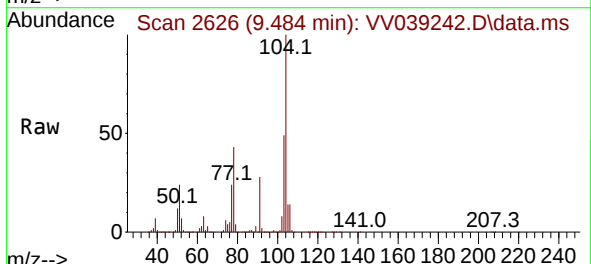
Tgt Ion:104 Resp: 1271498

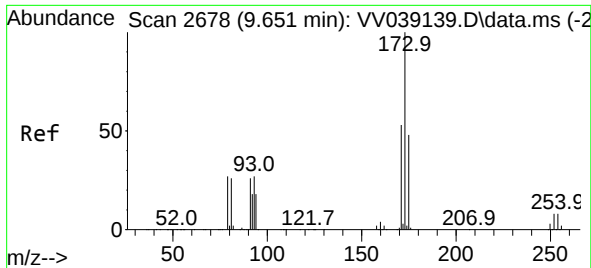
Ion Ratio Lower Upper

104 100

78 48.1 39.8 59.6

103 53.2 43.4 65.2

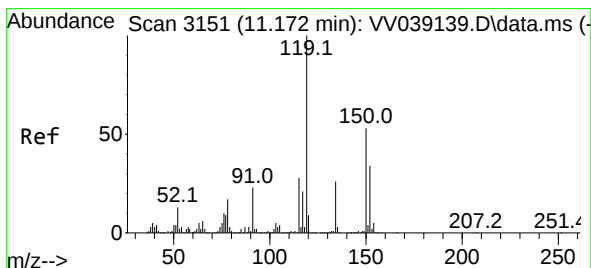
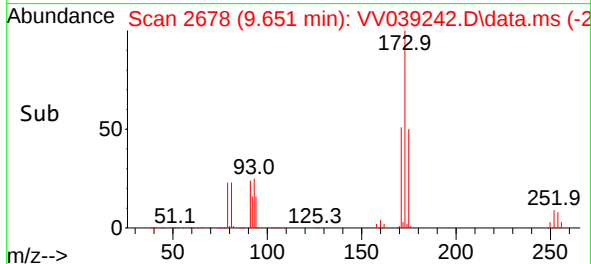
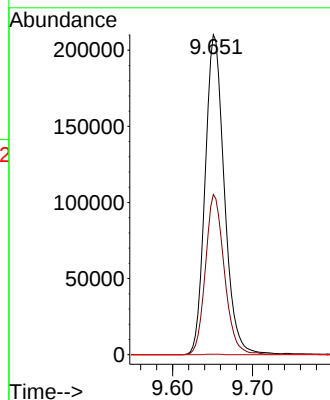
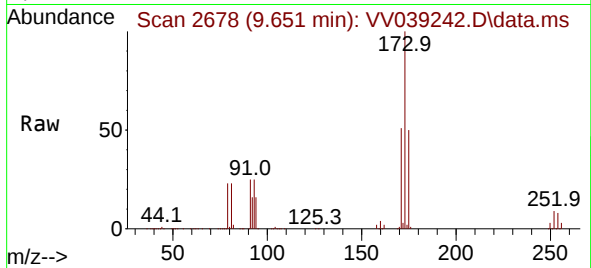




#71
Bromoform
Concen: 62.277 ug/l
RT: 9.651 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

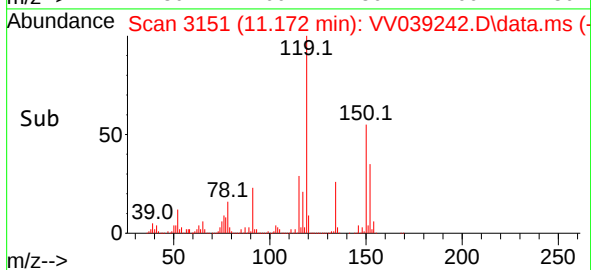
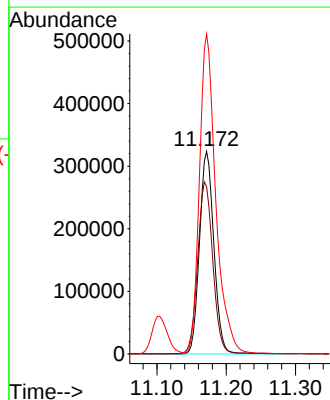
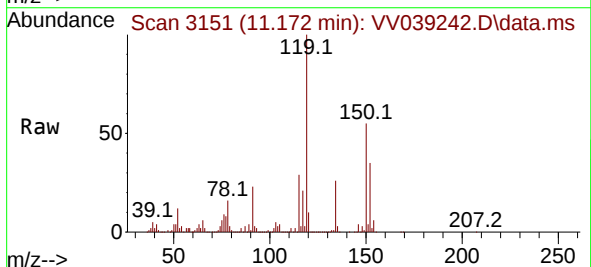
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

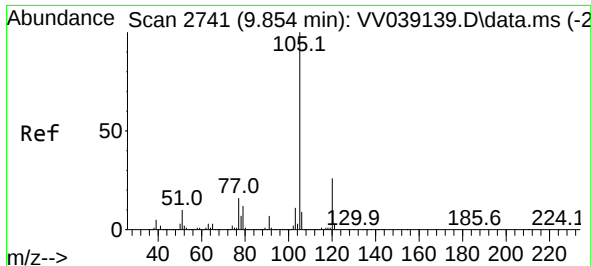
Tgt Ion:173 Resp: 351628
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:152 Resp: 467640
Ion Ratio Lower Upper
152 100
115 89.0 44.8 134.4
150 179.7 0.0 353.8

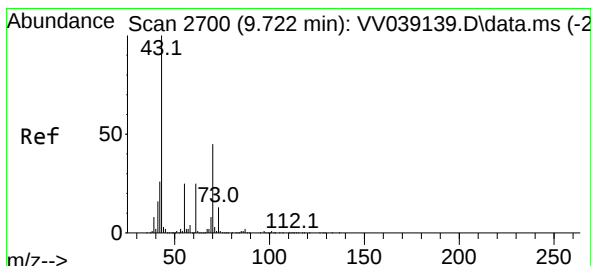
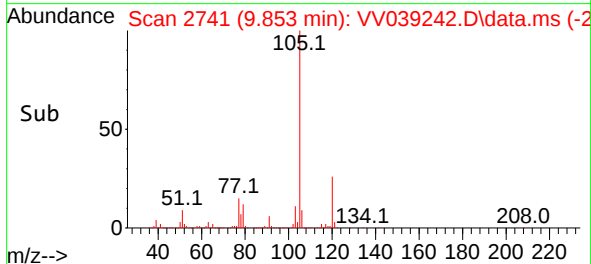
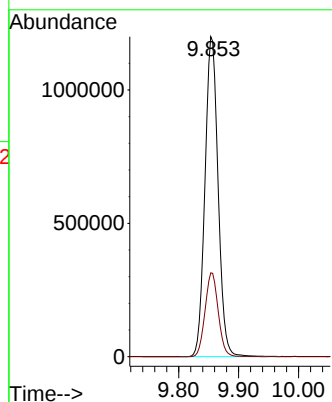
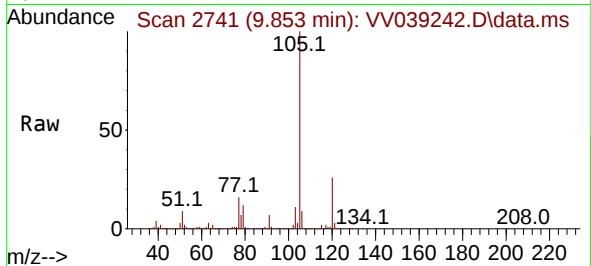




#73
Isopropylbenzene
Concen: 53.992 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

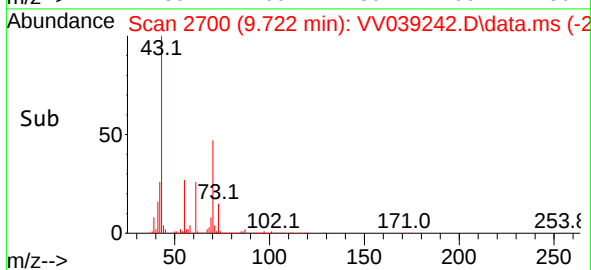
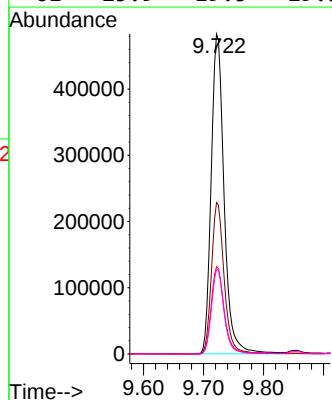
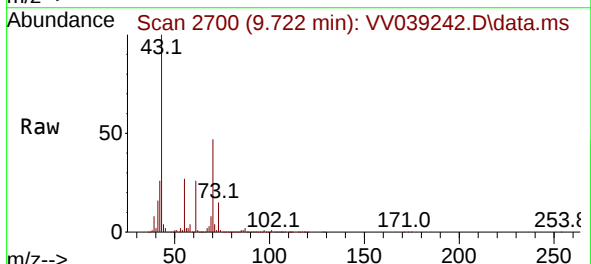
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

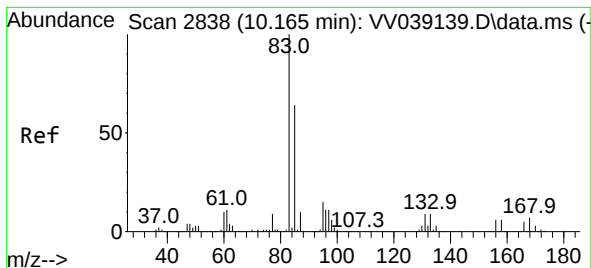
Tgt Ion:105 Resp: 1831320
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 53.488 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 43 Resp: 723655
Ion Ratio Lower Upper
43 100
70 46.8 35.4 53.0
55 27.7 20.6 30.8
61 25.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.331 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

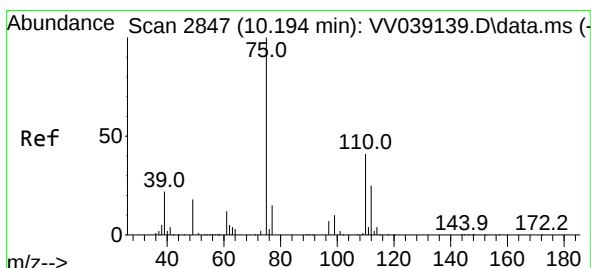
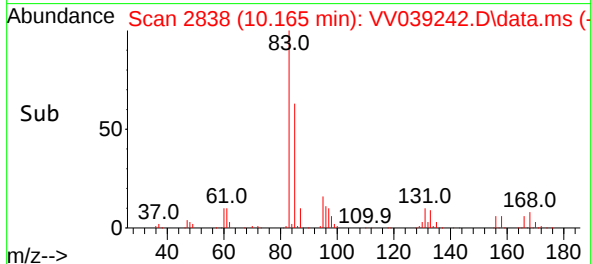
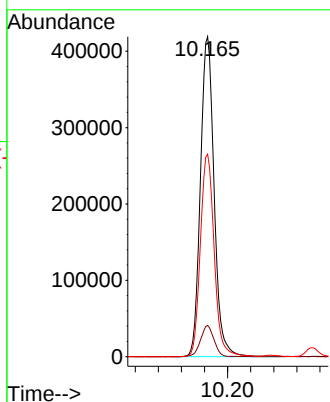
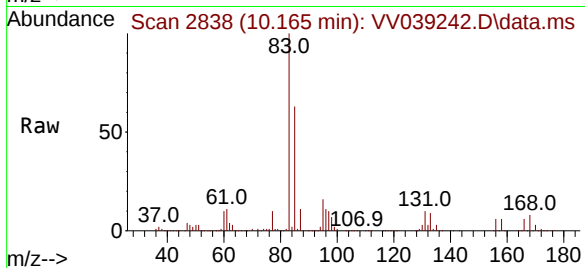
Tgt Ion: 83 Resp: 688542

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 46.268 ug/l

RT: 10.194 min Scan# 2847

Delta R.T. -0.000 min

Lab File: VV039242.D

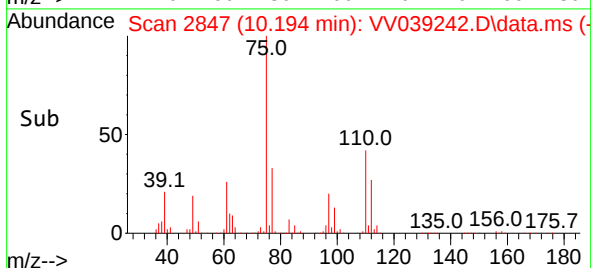
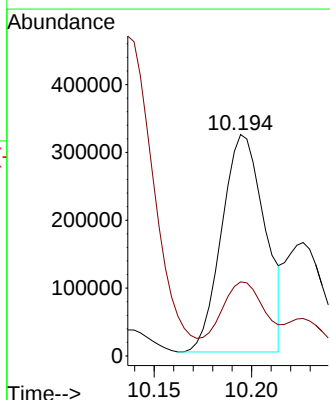
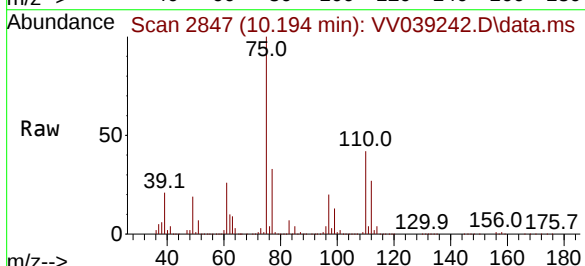
Acq: 03 Oct 2025 08:53

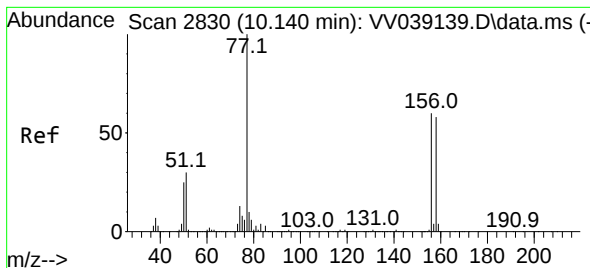
Tgt Ion: 75 Resp: 492632

Ion Ratio Lower Upper

75 100

77 23.0 11.3 33.8





#77

Bromobenzene

Concen: 53.208 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

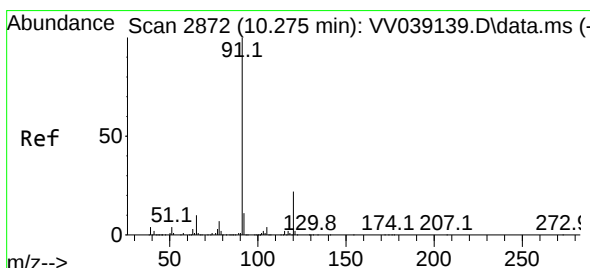
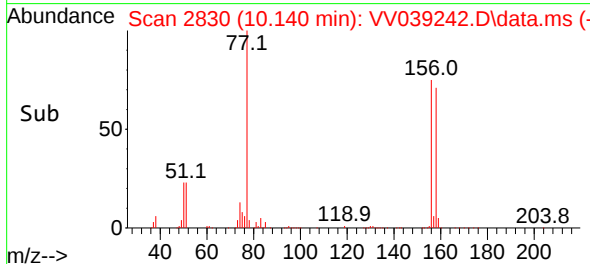
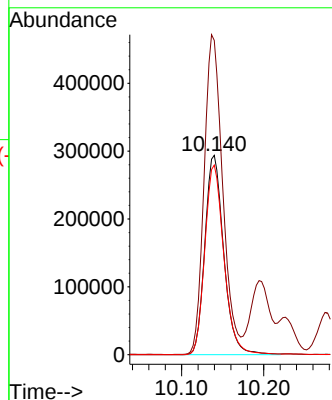
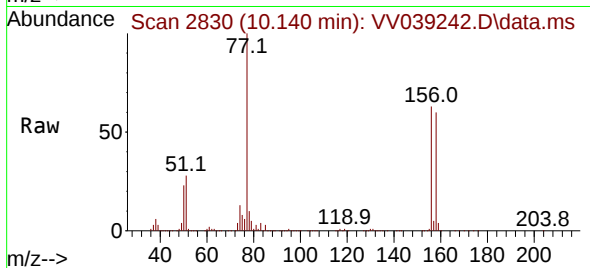
Tgt Ion:156 Resp: 468225

Ion Ratio Lower Upper

156 100

77 157.6 83.4 250.1

158 96.7 48.8 146.4



#78

n-propylbenzene

Concen: 54.089 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.000 min

Lab File: VV039242.D

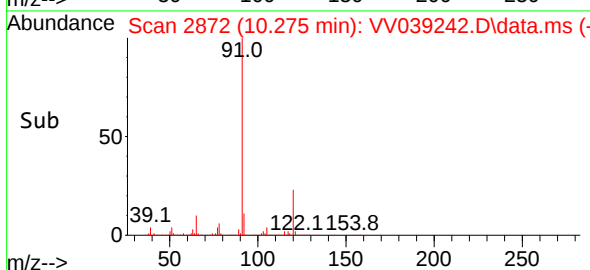
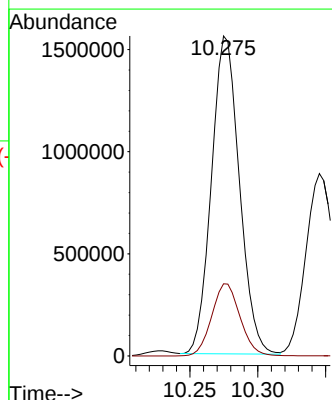
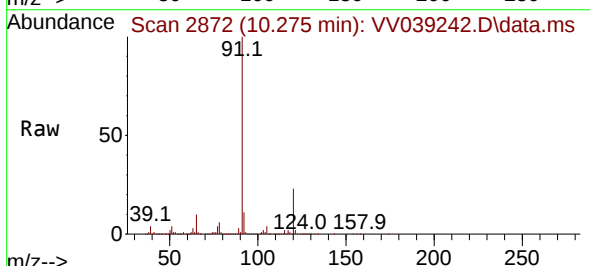
Acq: 03 Oct 2025 08:53

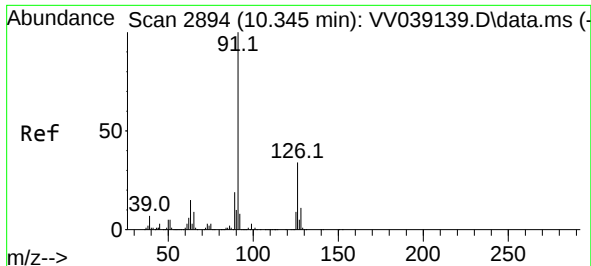
Tgt Ion: 91 Resp: 2234110

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.3

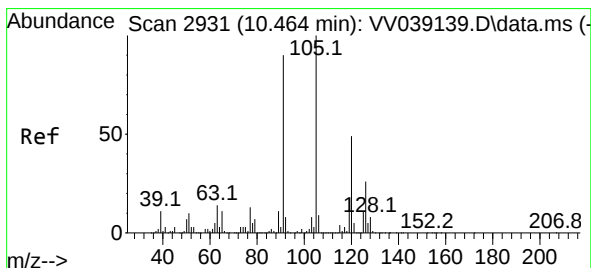
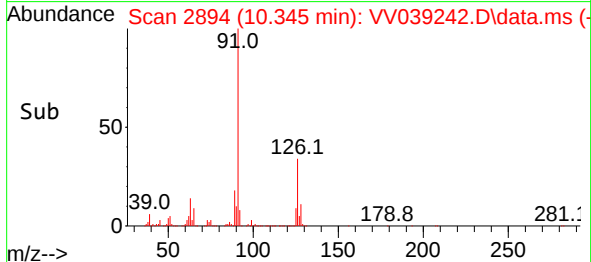
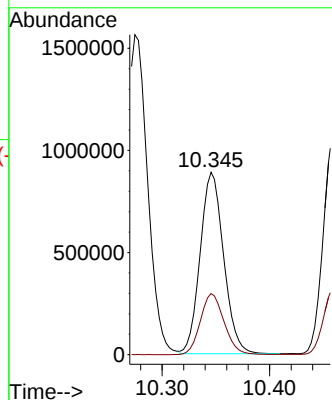
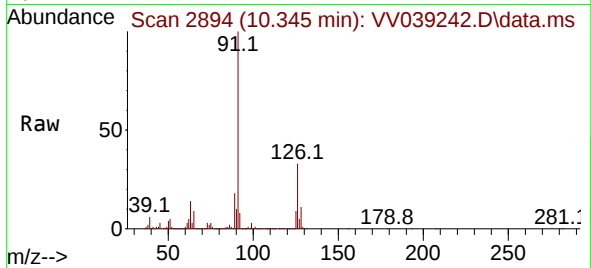




#79
2-Chlorotoluene
Concen: 54.565 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

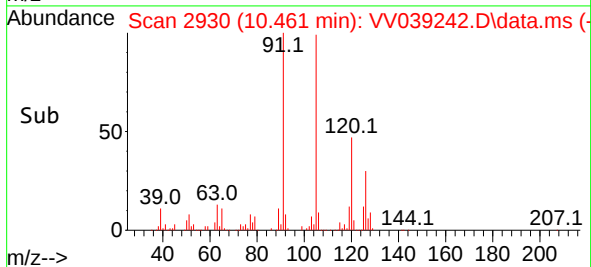
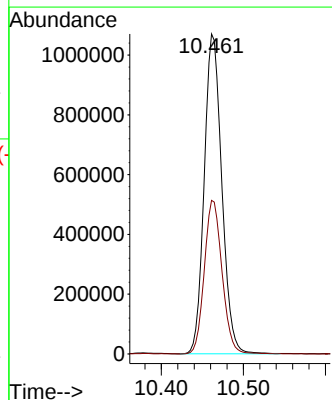
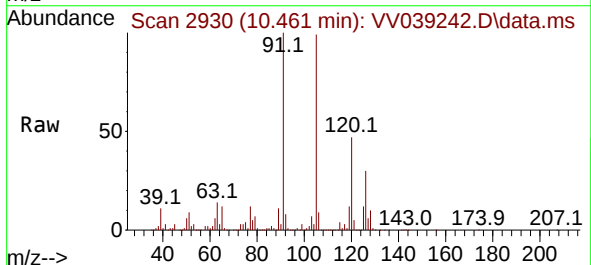
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

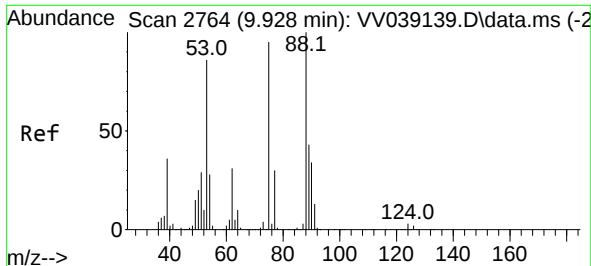
Tgt Ion: 91 Resp: 1348583
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 56.508 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.003 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 105 Resp: 1593104
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

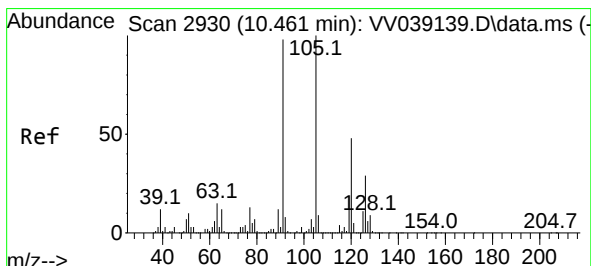
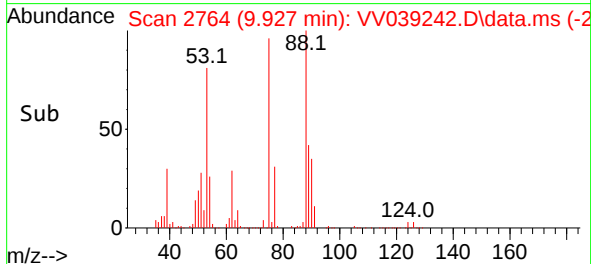
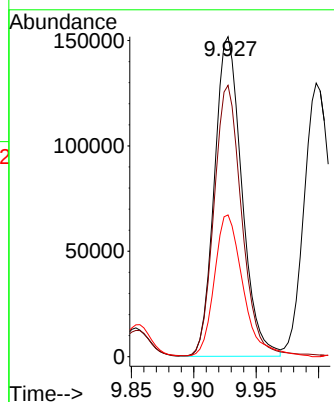
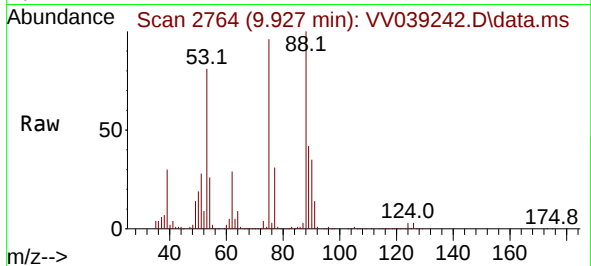




#81
trans-1,4-Dichloro-2-butene
Concen: 52.378 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

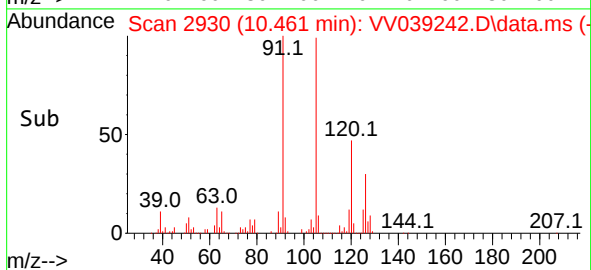
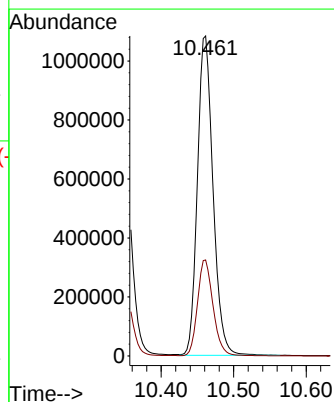
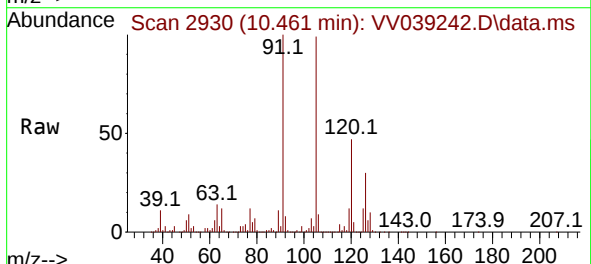
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 232306
Ion Ratio Lower Upper
75 100
53 85.4 72.5 108.7
89 46.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 56.397 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 91 Resp: 1616280
Ion Ratio Lower Upper
91 100
126 29.9 14.5 43.6





#83

tert-Butylbenzene

Concen: 52.950 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

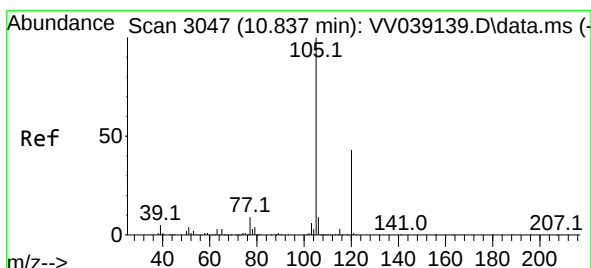
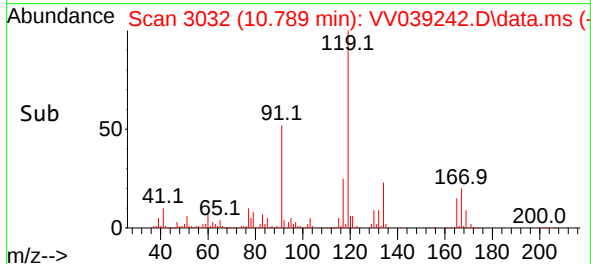
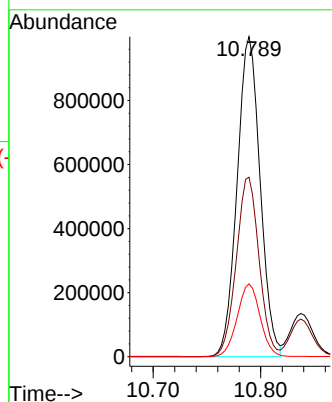
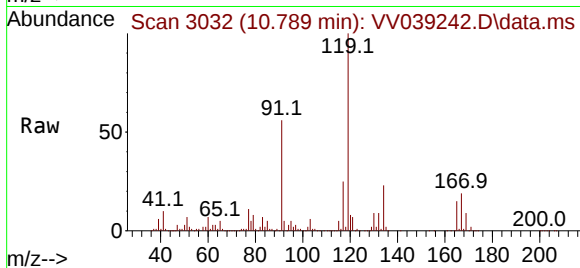
Tgt Ion:119 Resp: 1488535

Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 58.464 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039242.D

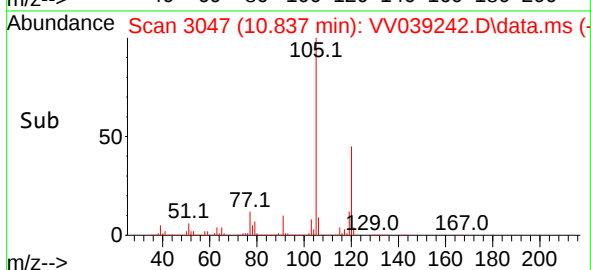
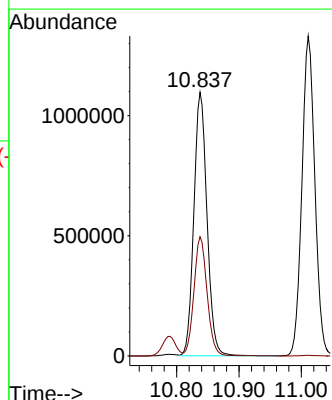
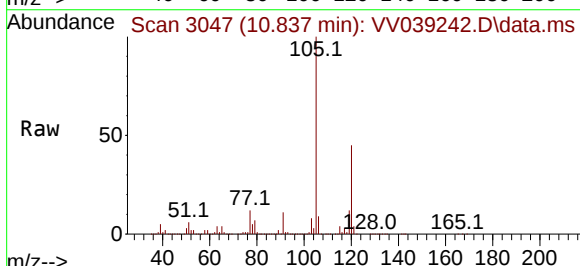
Acq: 03 Oct 2025 08:53

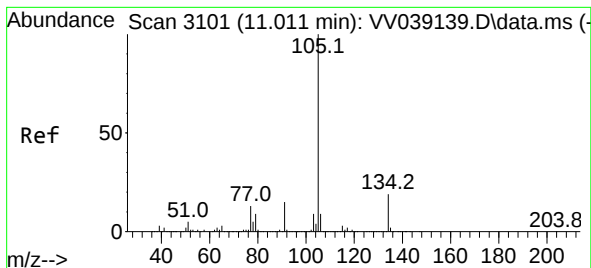
Tgt Ion:105 Resp: 1600180

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 51.585 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

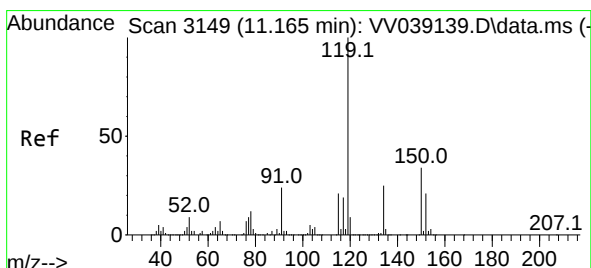
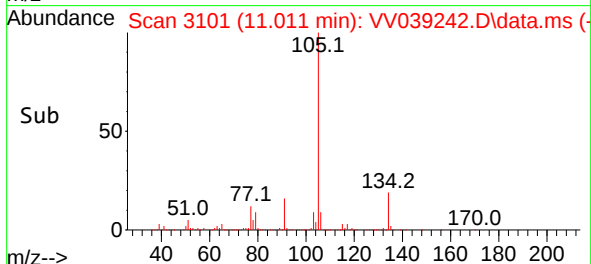
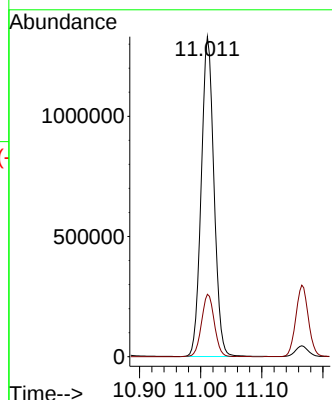
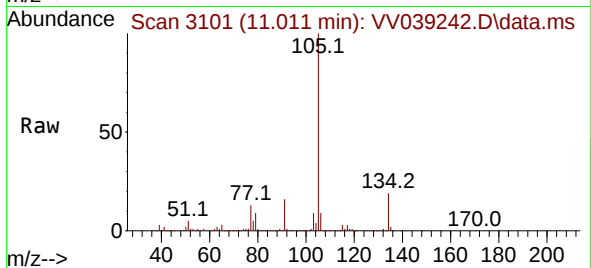
VSTDCCC050

Tgt Ion:105 Resp: 1923460

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.8



#86

p-Isopropyltoluene

Concen: 53.245 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

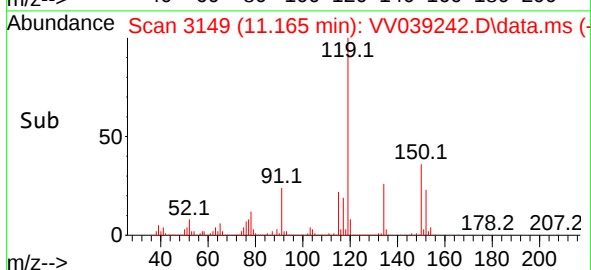
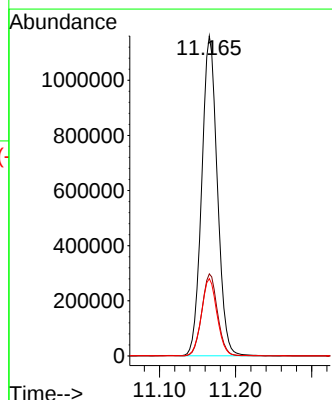
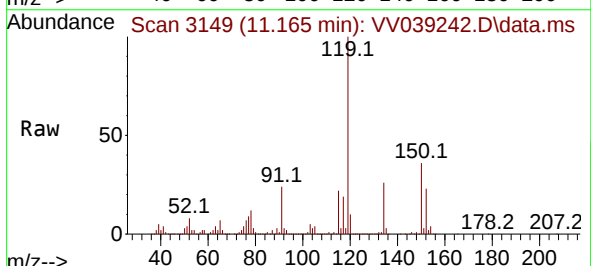
Tgt Ion:119 Resp: 1652409

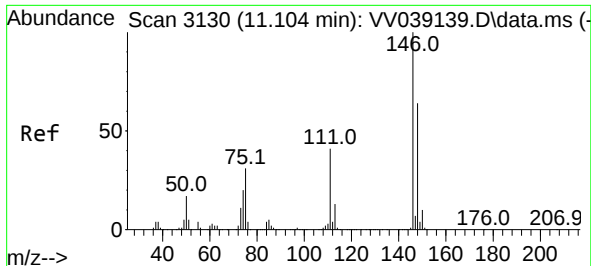
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 52.464 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

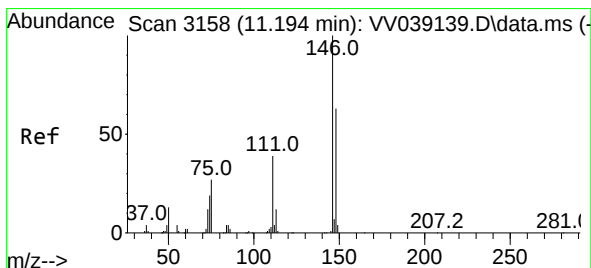
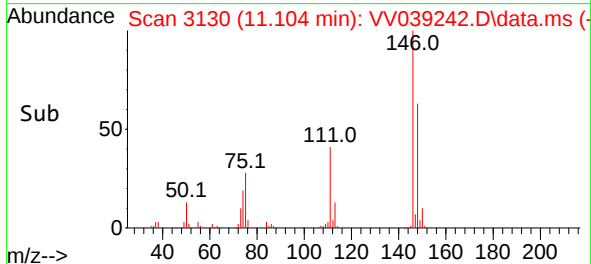
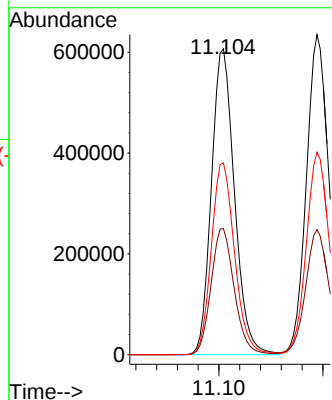
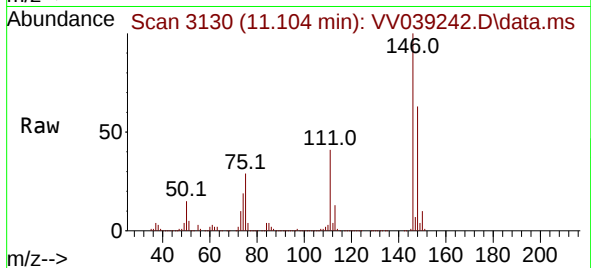
Tgt Ion:146 Resp: 934365

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.185 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

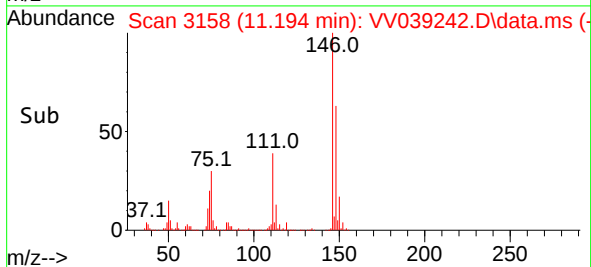
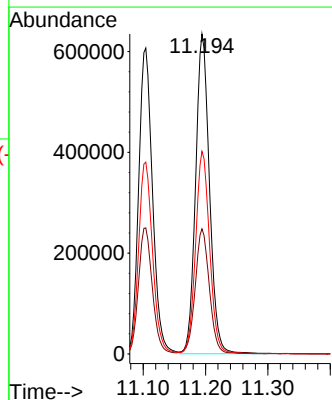
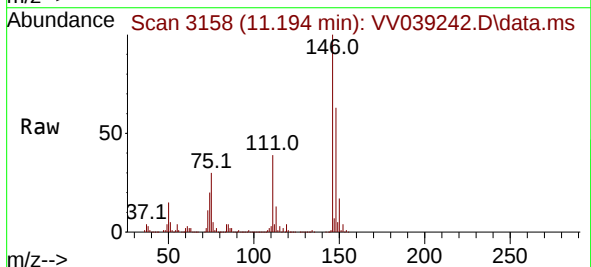
Tgt Ion:146 Resp: 980583

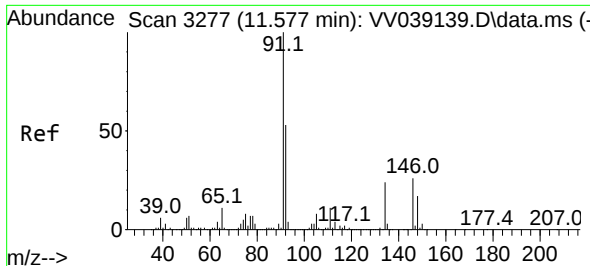
Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.8

148 63.8 31.4 94.2

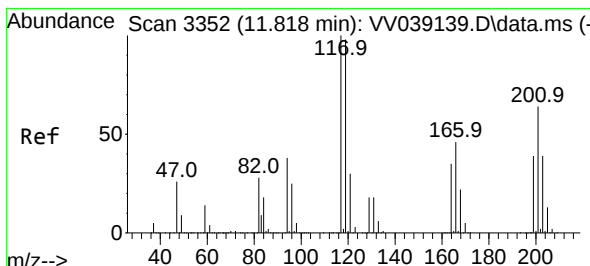
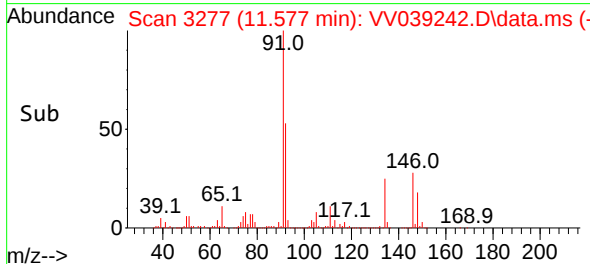
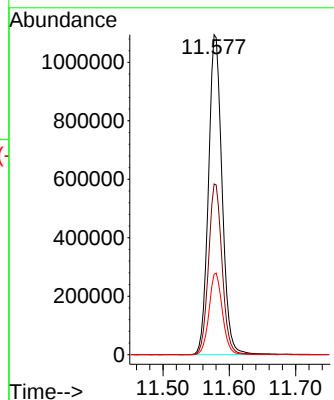
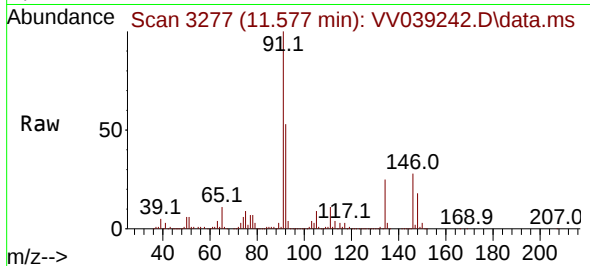




#89
n-Butylbenzene
Concen: 52.593 ug/l
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

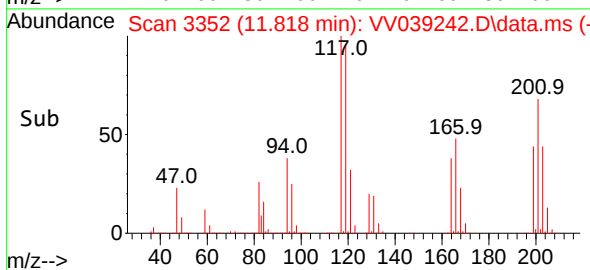
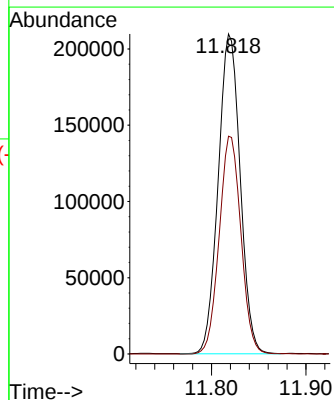
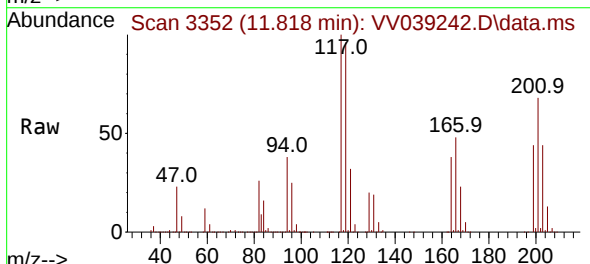
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

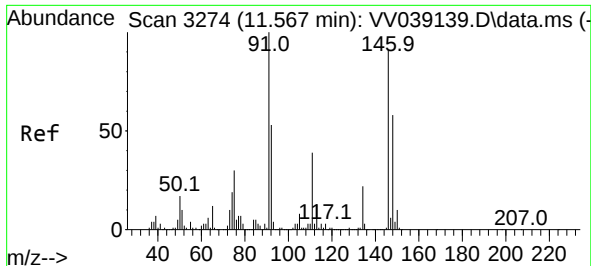
Tgt Ion: 91 Resp: 1558810
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.2 12.1 36.3



#90
Hexachloroethane
Concen: 44.374 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion: 117 Resp: 339116
Ion Ratio Lower Upper
117 100
201 67.1 32.3 96.8

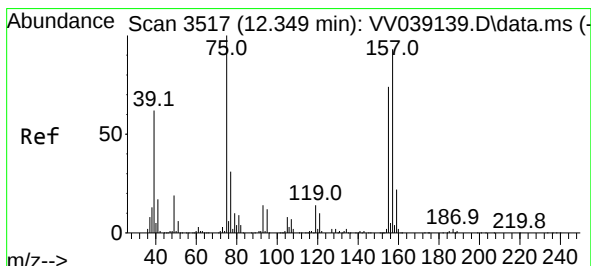
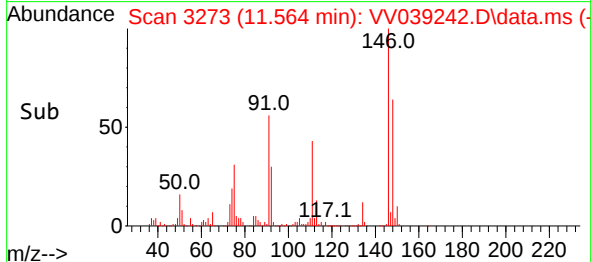
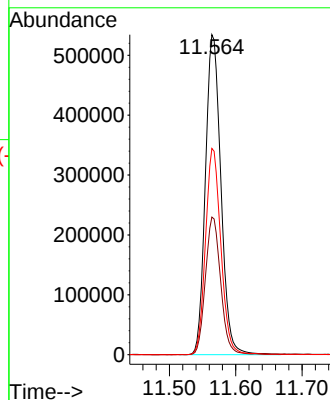
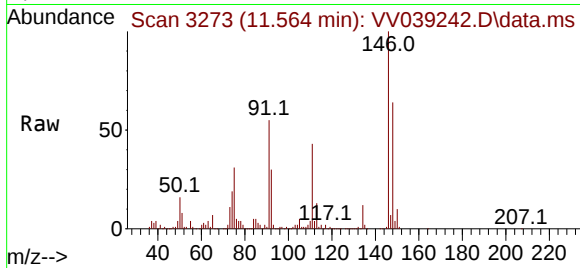




#91
 1,2-Dichlorobenzene
 Concen: 52.011 ug/l
 RT: 11.564 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

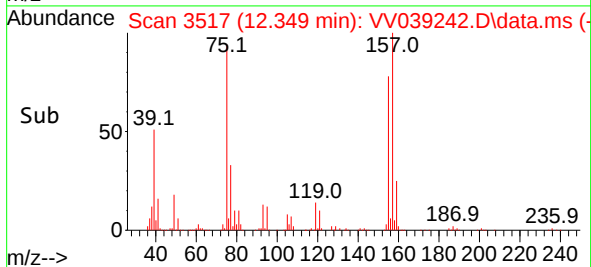
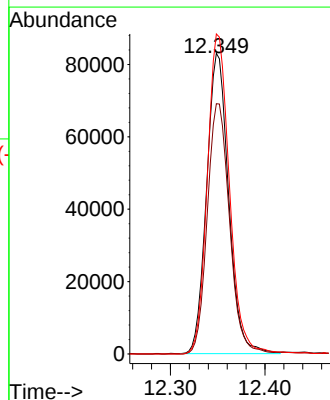
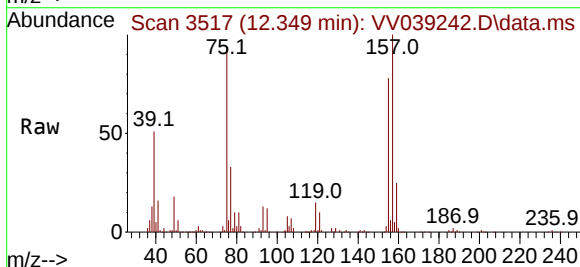
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

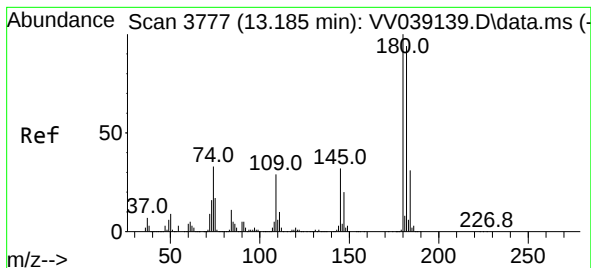
Tgt Ion:146 Resp: 865428
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.5 64.5
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.268 ug/l
 RT: 12.349 min Scan# 3517
 Delta R.T. -0.000 min
 Lab File: VV039242.D
 Acq: 03 Oct 2025 08:53

Tgt Ion: 75 Resp: 134431
 Ion Ratio Lower Upper
 75 100
 155 84.0 38.6 115.8
 157 107.1 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 53.672 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

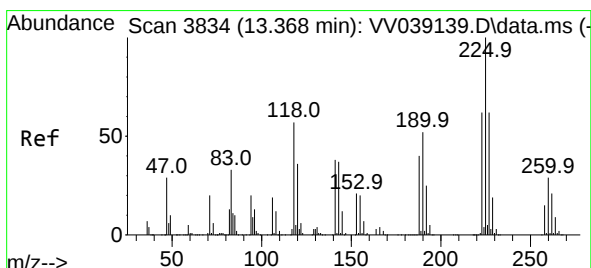
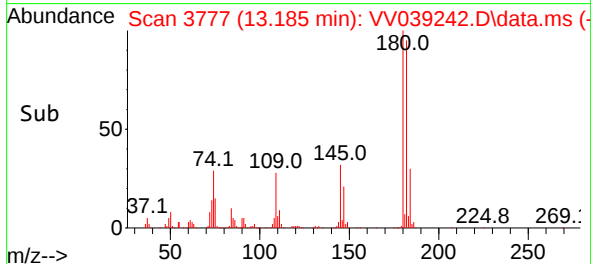
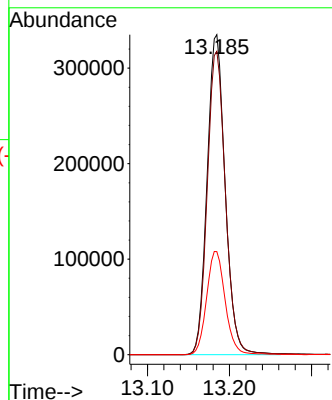
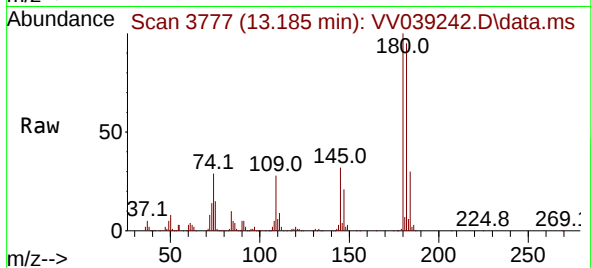
Tgt Ion:180 Resp: 511938

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.4

145 33.3 16.3 48.8



#94

Hexachlorobutadiene

Concen: 44.258 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039242.D

Acq: 03 Oct 2025 08:53

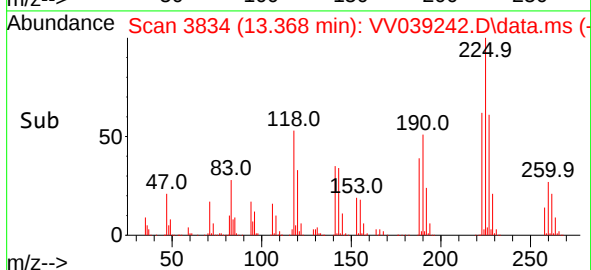
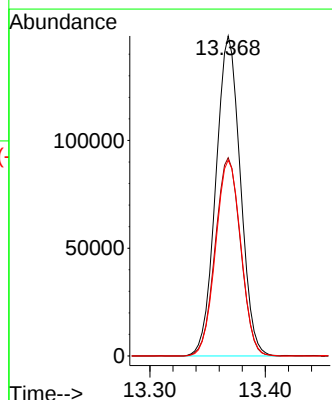
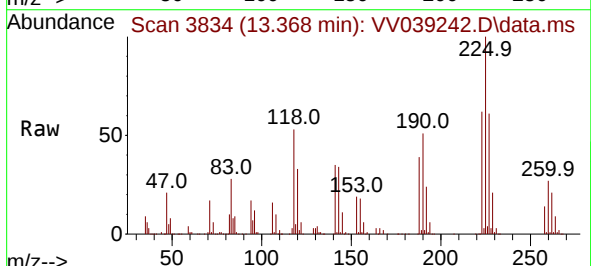
Tgt Ion:225 Resp: 219349

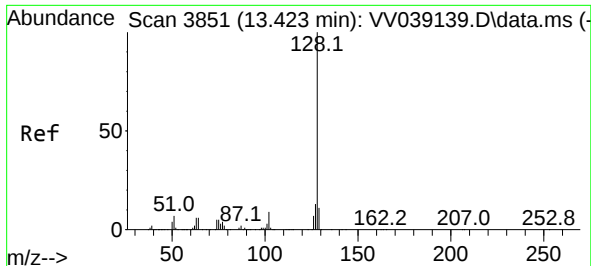
Ion Ratio Lower Upper

225 100

223 63.9 31.6 94.7

227 63.0 31.8 95.4

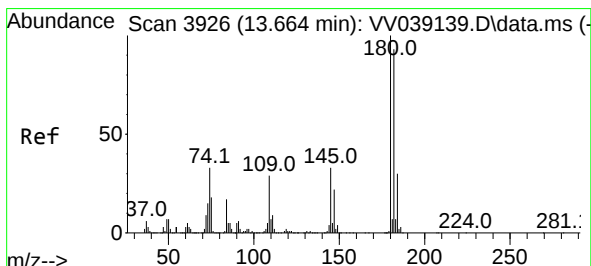
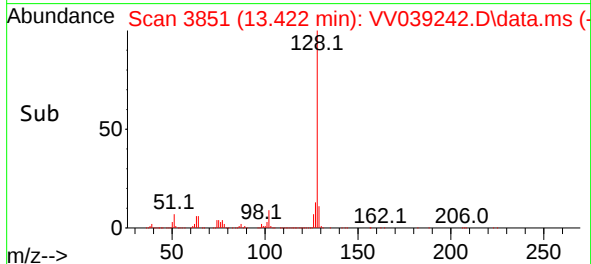
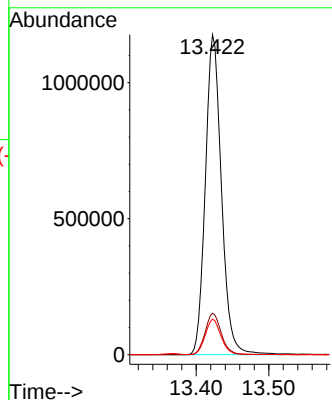
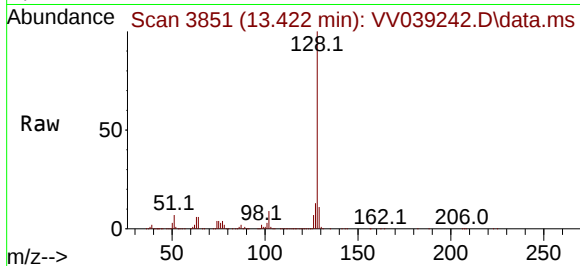




#95
Naphthalene
Concen: 58.802 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.001 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1812807
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: 55.024 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. -0.000 min
Lab File: VV039242.D
Acq: 03 Oct 2025 08:53

Tgt Ion:180 Resp: 536779
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.8
145 34.4 17.0 51.0

