

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039280.D
 Acq On : 06 Oct 2025 17:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 03:40:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	487019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	705972	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	702061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	464820	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.941	65	304441	43.192	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	86.380%
35) Dibromofluoromethane	4.500	113	302272	53.260	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	106.520%
50) Toluene-d8	7.236	98	839907	50.388	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.780%
62) 4-Bromofluorobenzene	9.998	95	412837	60.162	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	120.320%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	326983	42.413	ug/l	96
3) Chloromethane	1.230	50	340887	41.188	ug/l	99
4) Vinyl Chloride	1.294	62	393225	44.380	ug/l	100
5) Bromomethane	1.494	94	270703	48.465	ug/l	100
6) Chloroethane	1.558	64	254345	48.661	ug/l	97
7) Trichlorofluoromethane	1.725	101	630746	49.169	ug/l	99
8) Diethyl Ether	1.918	74	234638	49.270	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	390366	51.143	ug/l	96
10) Methyl Iodide	2.198	142	327133	45.006	ug/l	99
11) Tert butyl alcohol	2.568	59	390881	262.381	ug/l	99
12) 1,1-Dichloroethene	2.082	96	357348	48.665	ug/l	93
13) Acrolein	2.011	56	25051	96.908	ug/l	97
14) Allyl chloride	2.359	41	591404	45.088	ug/l	96
15) Acrylonitrile	2.674	53	1189096	248.993	ug/l	99
16) Acetone	2.118	43	1036472	236.951	ug/l	96
17) Carbon Disulfide	2.253	76	907600	40.415	ug/l	99
18) Methyl Acetate	2.378	43	624162	59.765	ug/l	94
19) Methyl tert-butyl Ether	2.712	73	1233024	52.696	ug/l	99
20) Methylene Chloride	2.455	84	421788	55.816	ug/l	93
21) trans-1,2-Dichloroethene	2.700	96	381868	48.850	ug/l	94
22) Diisopropyl ether	3.214	45	1221221	48.662	ug/l	90
23) Vinyl Acetate	3.188	43	5177506	235.841	ug/l	97
24) 1,1-Dichloroethane	3.118	63	742190	48.361	ug/l	99
25) 2-Butanone	3.864	43	1406024	249.105	ug/l	96
26) 2,2-Dichloropropane	3.812	77	586855	43.127	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	426922	49.519	ug/l	96
28) Bromochloromethane	4.146	49	349803	51.631	ug/l	89
29) Tetrahydrofuran	4.233	42	927401	262.503	ug/l	97
30) Chloroform	4.278	83	777967	48.546	ug/l	99
31) Cyclohexane	4.584	56	534585	42.522	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	672311	48.459	ug/l	98
36) 1,1-Dichloropropene	4.745	75	473509	55.183	ug/l	98
37) Ethyl Acetate	3.973	43	552536	53.067	ug/l	98
38) Carbon Tetrachloride	4.732	117	575411	54.869	ug/l	99
39) Methylcyclohexane	6.047	83	549178	52.998	ug/l	99
40) Benzene	5.008	78	1544294	55.268	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	248035	52.585	ug/l	95
42) 1,2-Dichloroethane	5.037	62	522922	53.411	ug/l	97
43) Isopropyl Acetate	5.191	43	809330	57.009	ug/l	99
44) Trichloroethene	5.831	130	372507	57.773	ug/l	98
45) 1,2-Dichloropropane	6.088	63	399099	57.464	ug/l	100
46) Dibromomethane	6.224	93	303839	57.159	ug/l	95
47) Bromodichloromethane	6.426	83	628123	57.158	ug/l	99
48) Methyl methacrylate	6.294	41	386754	60.098	ug/l	97
49) 1,4-Dioxane	6.288	88	119109	1146.904	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	2942748	315.081	ug/l	97
52) Toluene	7.307	92	1000240	61.740	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	570469	59.567	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	636551	60.208	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	423497	58.299	ug/l	98
56) Ethyl methacrylate	7.715	69	569925	66.065	ug/l	95
57) 1,3-Dichloropropane	7.934	76	671771	58.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1127047	232.093	ug/l	96
59) 2-Hexanone	8.063	43	2170156	287.508	ug/l	97
60) Dibromochloromethane	8.166	129	496796	60.020	ug/l	99
61) 1,2-Dibromoethane	8.272	107	450946	60.701	ug/l	99
64) Tetrachloroethene	7.896	164	332528	56.549	ug/l	99
65) Chlorobenzene	8.802	112	1098609	56.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	414588	58.674	ug/l	99
67) Ethyl Benzene	8.937	91	1809994	61.145	ug/l	99
68) m/p-Xylenes	9.063	106	1492133	130.602	ug/l	99
69) o-Xylene	9.468	106	665983	65.834	ug/l	98
70) Styrene	9.484	104	1260425	58.613	ug/l	99
71) Bromoform	9.654	173	349007	63.234	ug/l	99
73) Isopropylbenzene	9.854	105	1843402	54.678	ug/l	99
74) N-amyl acetate	9.722	43	738404	54.909	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.166	83	700355	47.412	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	534276	50.483	ug/l	97
77) Bromobenzene	10.140	156	465323	53.199	ug/l	96
78) n-propylbenzene	10.275	91	2239723	54.554	ug/l	98
79) 2-Chlorotoluene	10.346	91	1358168	55.286	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	1610850	57.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	225107	51.063	ug/l	98
82) 4-Chlorotoluene	10.461	91	1603394	56.287	ug/l	98
83) tert-Butylbenzene	10.789	119	1515819	54.248	ug/l	100
84) 1,2,4-Trimethylbenzene	10.838	105	1597202	58.709	ug/l	99
85) sec-Butylbenzene	11.011	105	1976368	53.326	ug/l	99
86) p-Isopropyltoluene	11.165	119	1689565	54.772	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	935271	52.833	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	971819	50.039	ug/l	99
89) n-Butylbenzene	11.577	91	1582057	53.701	ug/l	99
90) Hexachloroethane	11.818	117	347576	45.757	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	872812	52.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	145953	54.673	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	522752	55.138	ug/l	98
94) Hexachlorobutadiene	13.368	225	229420	46.571	ug/l	99
95) Naphthalene	13.423	128	1891893	61.739	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	543615	56.063	ug/l	99

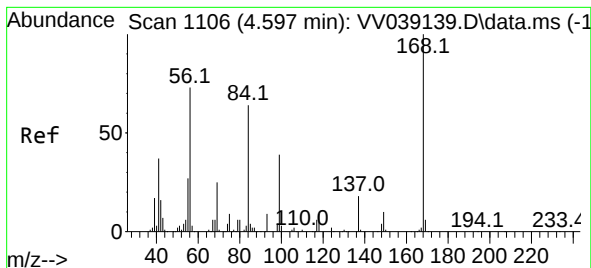
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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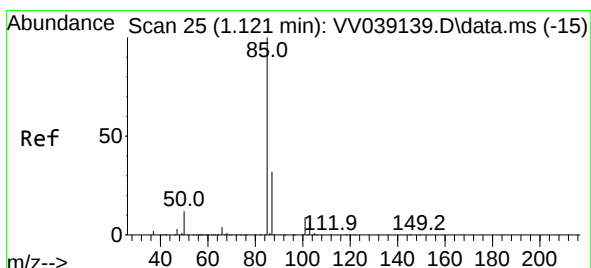
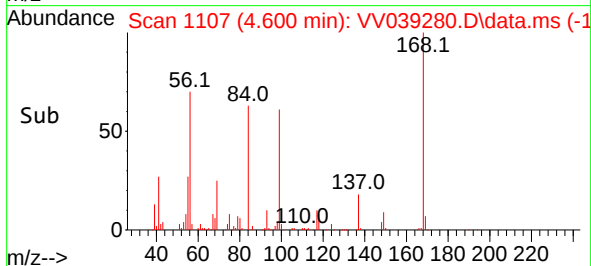
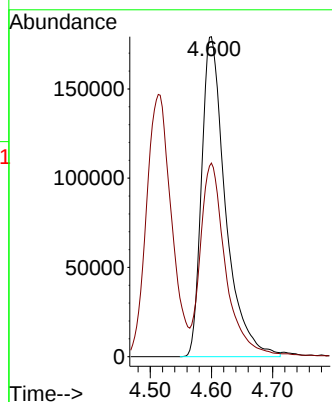
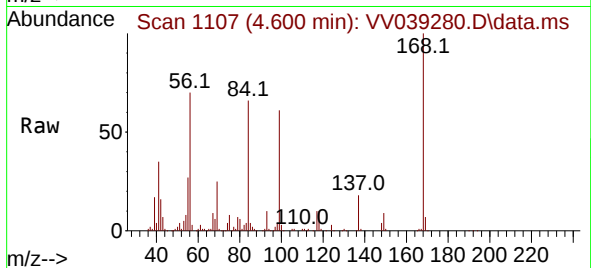
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039280.D
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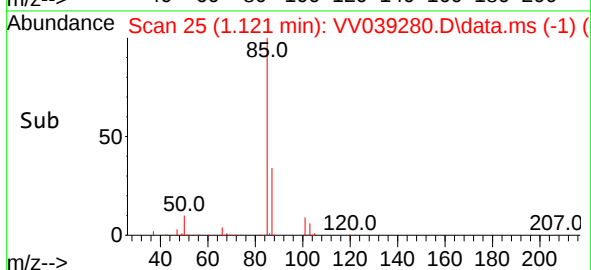
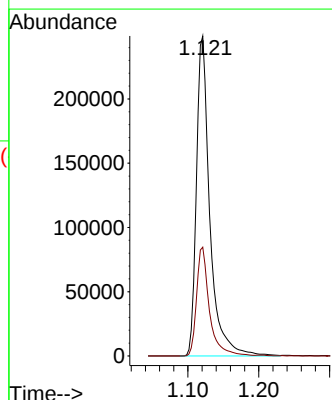
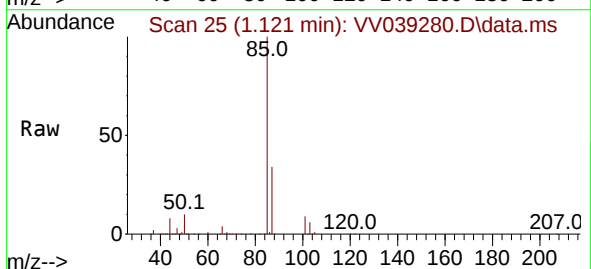
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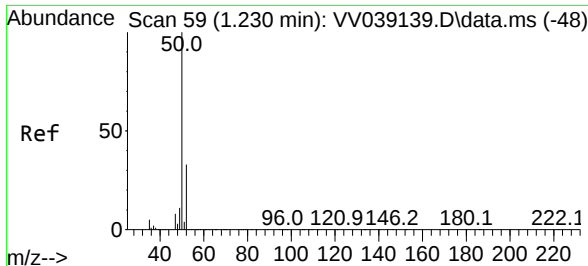
Tgt Ion:168 Resp: 487019
Ion Ratio Lower Upper
168 100
99 59.6 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 42.413 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 85 Resp: 326983
Ion Ratio Lower Upper
85 100
87 34.0 16.0 47.9

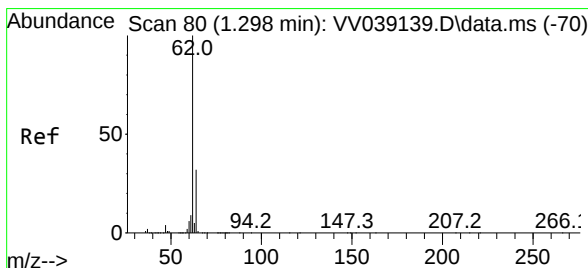
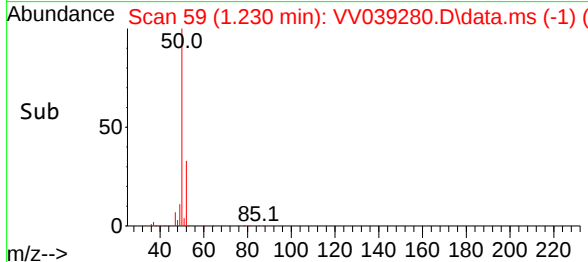
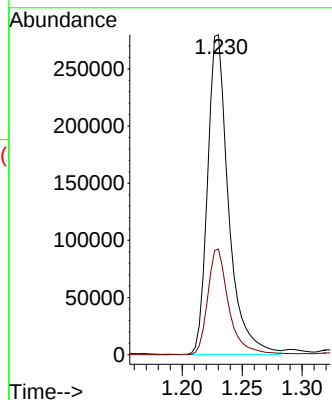
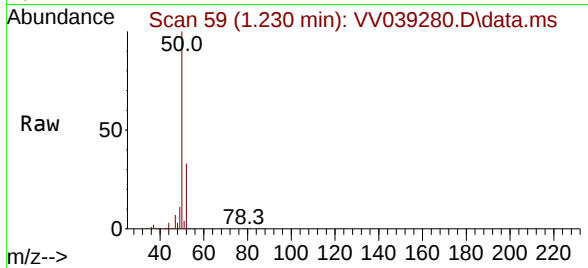




#3
Chloromethane
Concen: 41.188 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

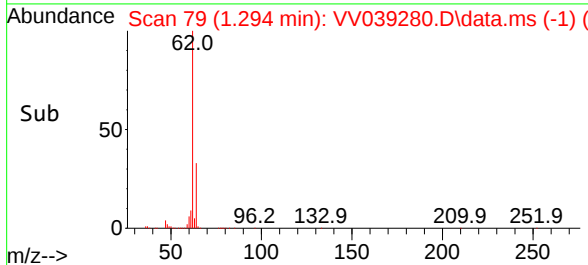
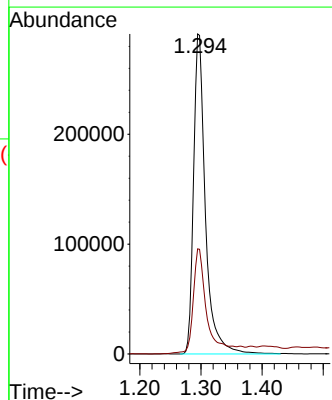
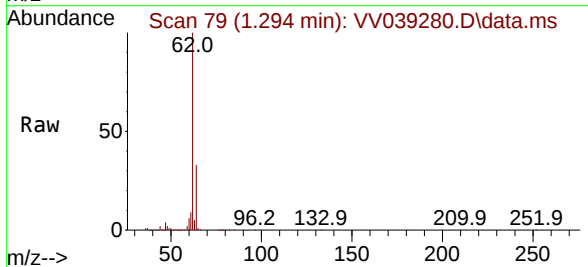
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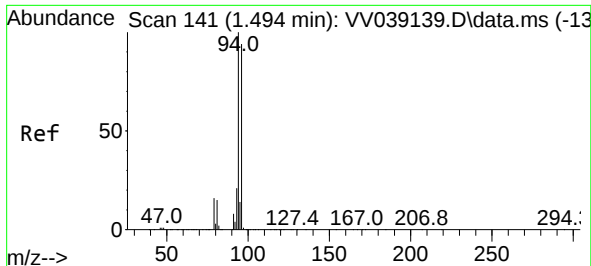
Tgt Ion: 50 Resp: 340887
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 44.380 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 62 Resp: 393225
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4

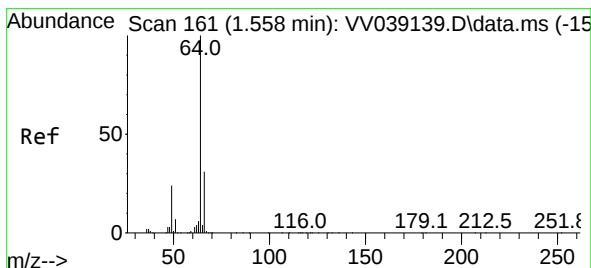
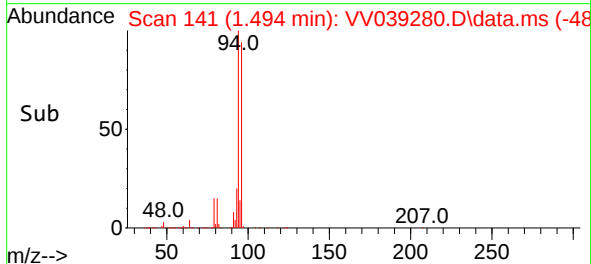
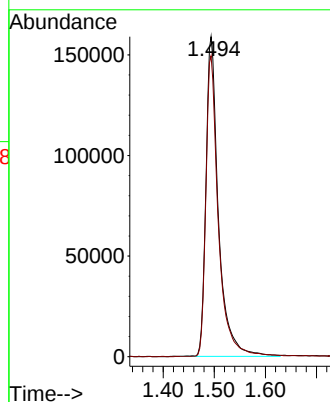
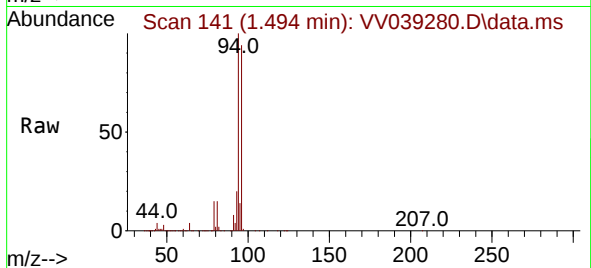




#5
Bromomethane
Concen: 48.465 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

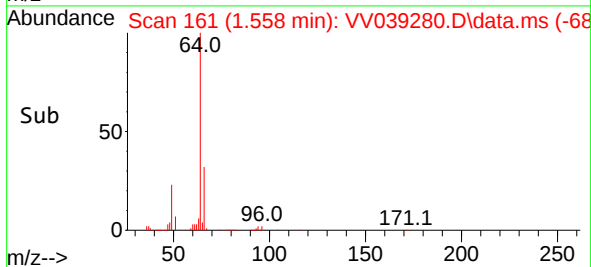
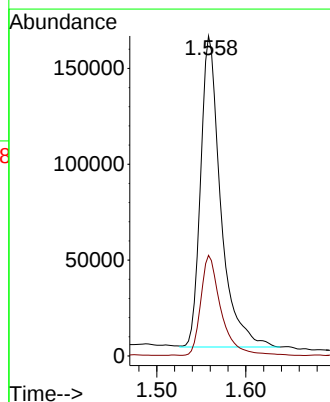
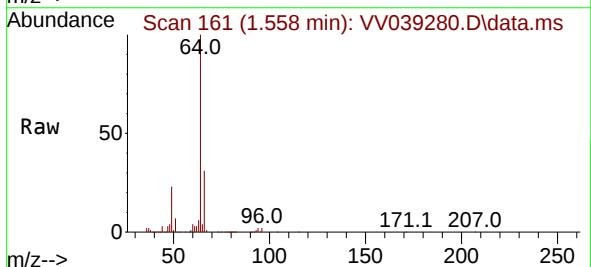
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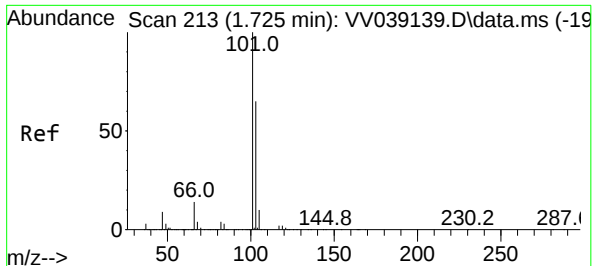
Tgt Ion: 94 Resp: 270703
Ion Ratio Lower Upper
94 100
96 94.1 74.9 112.3



#6
Chloroethane
Concen: 48.661 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 64 Resp: 254345
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8

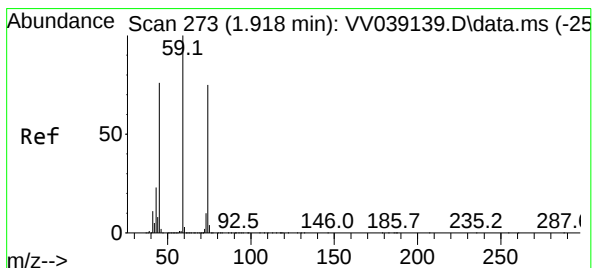
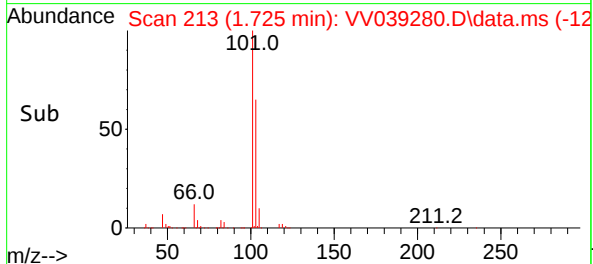
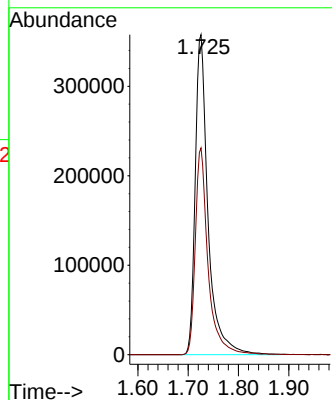
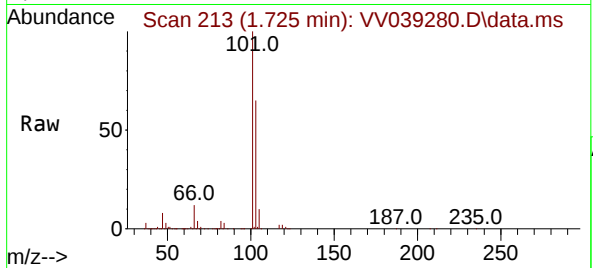




#7
 Trichlorofluoromethane
 Concen: 49.169 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

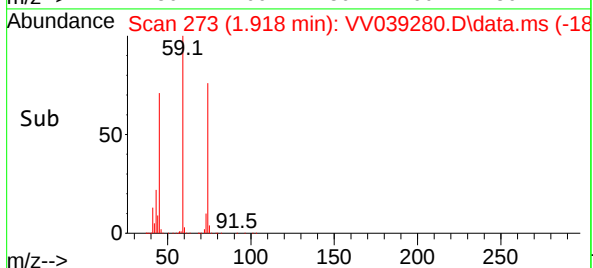
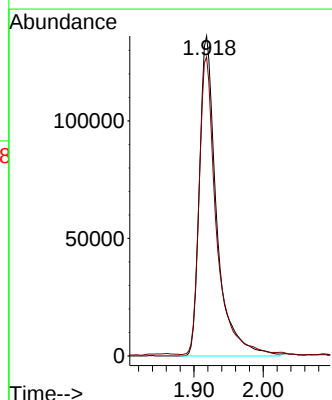
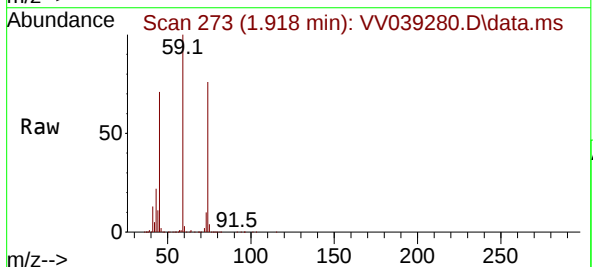
Instrument :
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Tgt Ion:101 Resp: 630746
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.0 78.0



#8
 Diethyl Ether
 Concen: 49.270 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

Tgt Ion: 74 Resp: 234638
 Ion Ratio Lower Upper
 74 100
 45 92.9 49.6 148.8

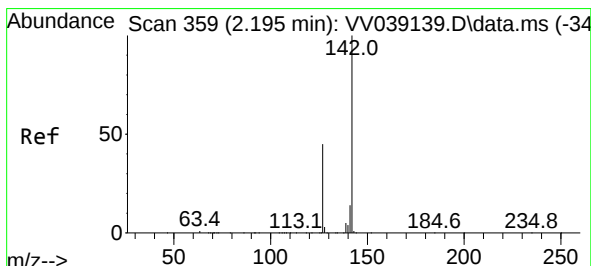
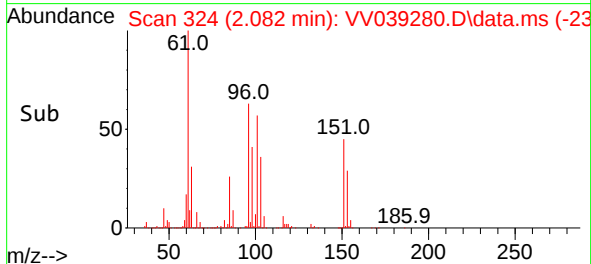
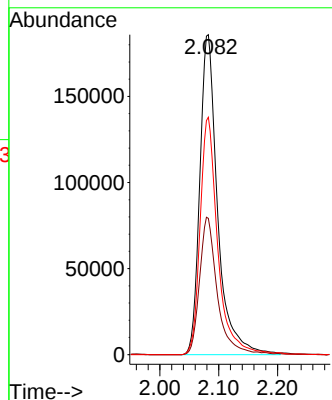
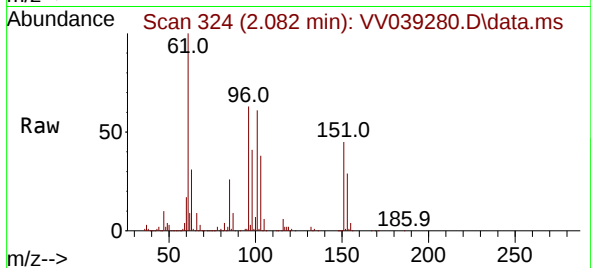




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.143 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039280.D
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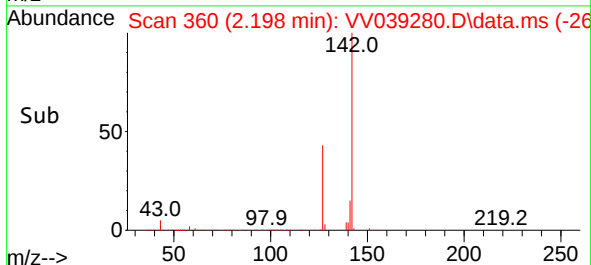
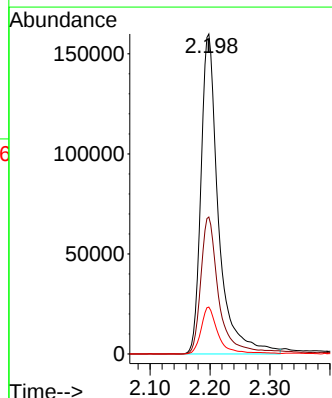
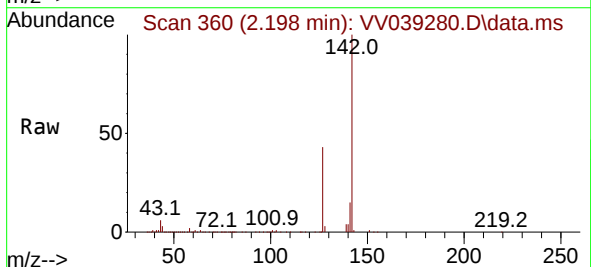
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ClientSampleId :
VSTDCCC050EC

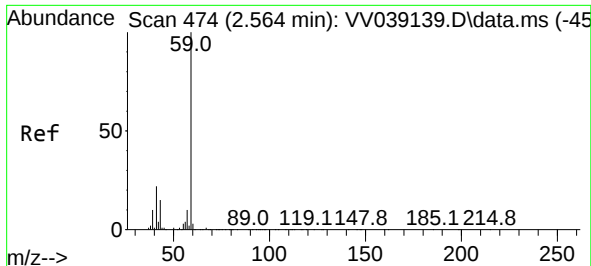
Tgt Ion:101 Resp: 390366
Ion Ratio Lower Upper
101 100
85 43.0 36.2 54.2
151 73.7 56.3 84.5



#10
Methyl Iodide
Concen: 45.006 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion:142 Resp: 327133
Ion Ratio Lower Upper
142 100
127 44.7 36.3 54.5
141 14.4 11.2 16.8

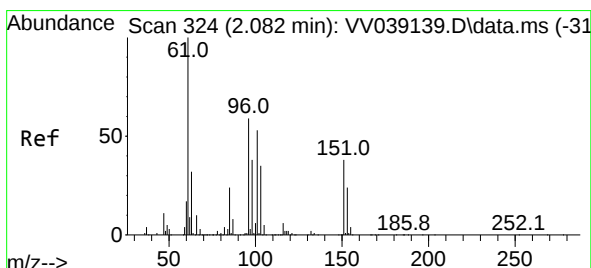
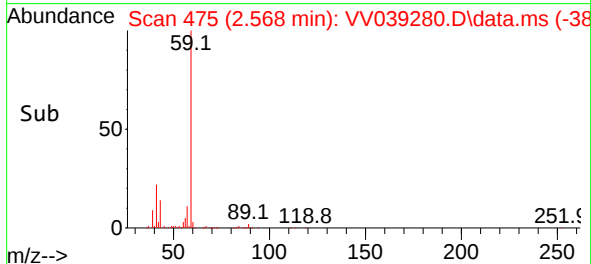
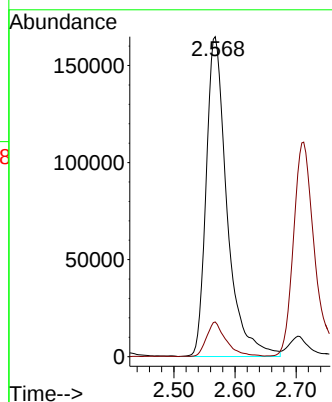
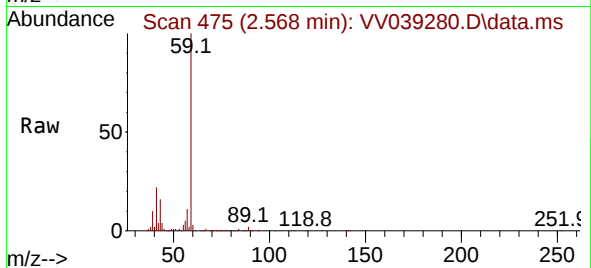




#11
Tert butyl alcohol
Concen: 262.381 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

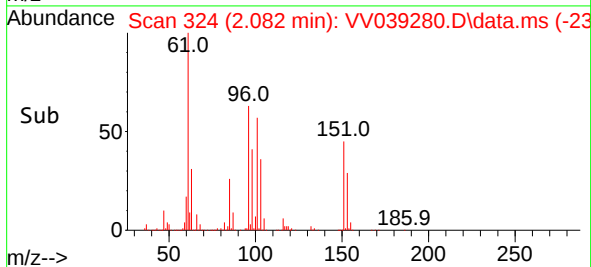
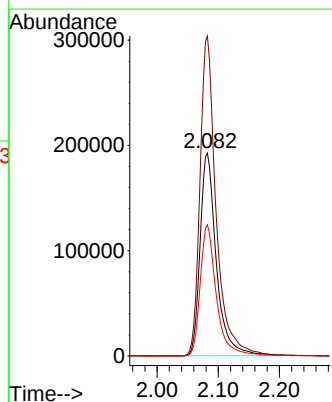
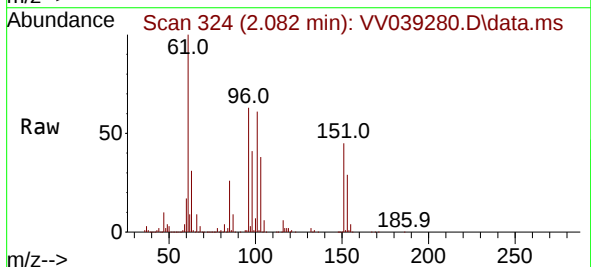
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 390881
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.665 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 96 Resp: 357348
Ion Ratio Lower Upper
96 100
61 157.9 136.0 204.0
98 64.7 51.0 76.6

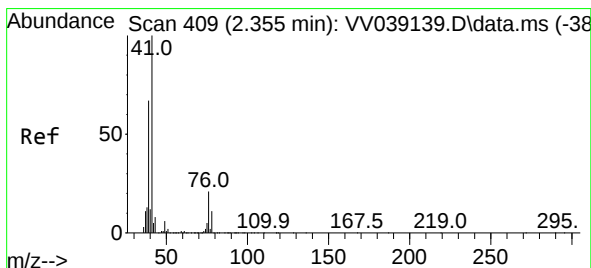
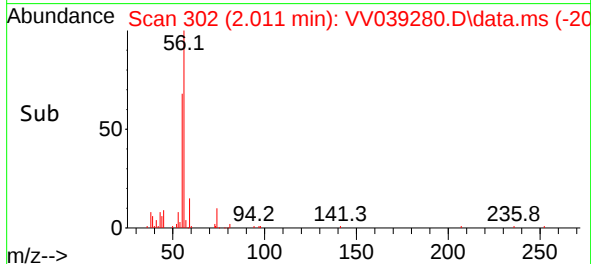
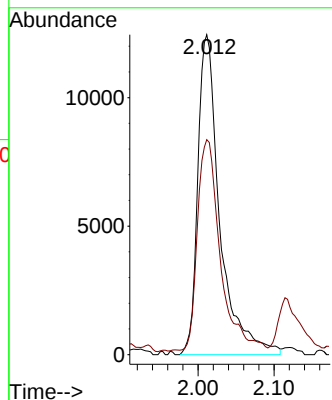
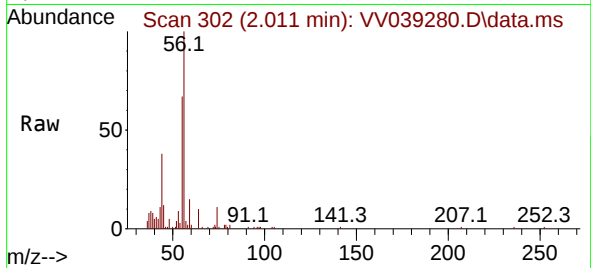




#13
Acrolein
Concen: 96.908 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

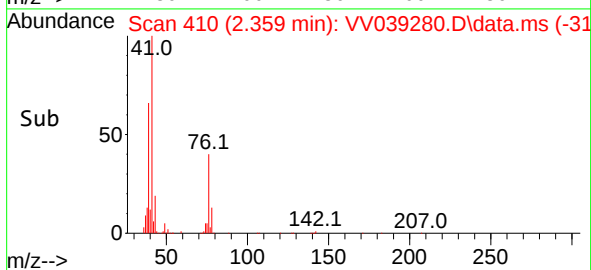
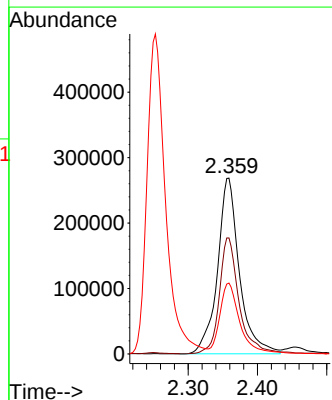
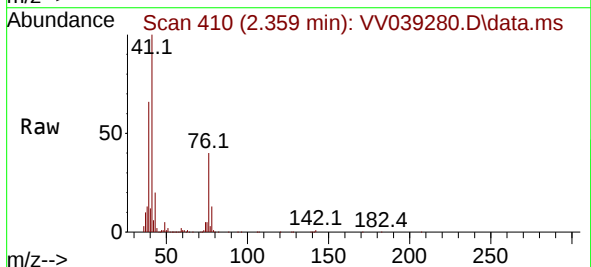
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 25051
Ion Ratio Lower Upper
56 100
55 67.5 56.2 84.4



#14
Allyl chloride
Concen: 45.088 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 41 Resp: 591404
Ion Ratio Lower Upper
41 100
39 59.5 51.0 76.6
76 36.8 28.2 42.4

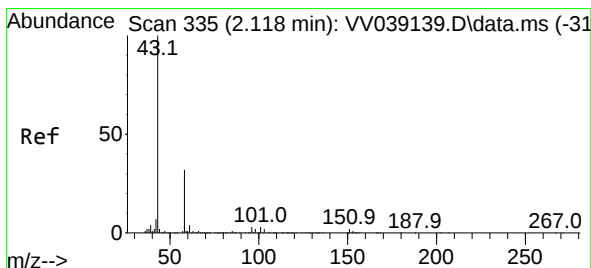
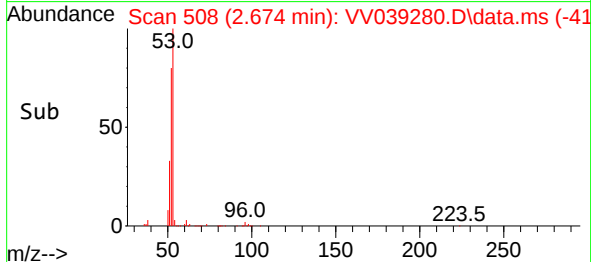
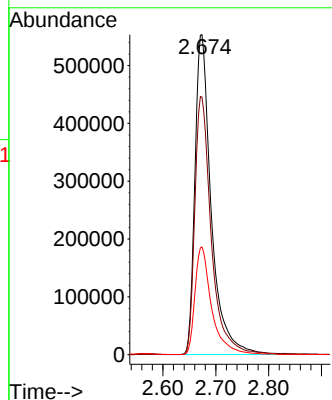
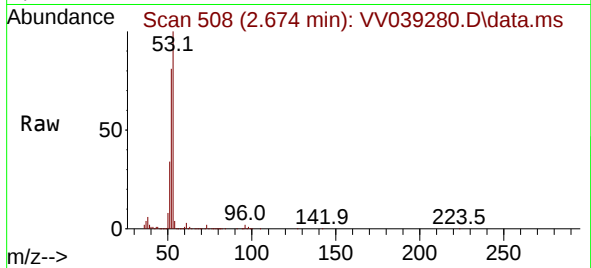




#15
Acrylonitrile
Concen: 248.993 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

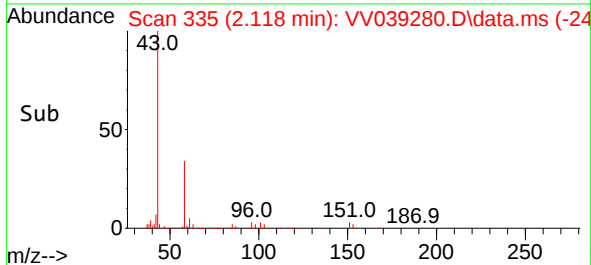
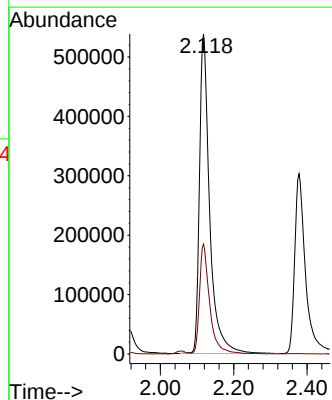
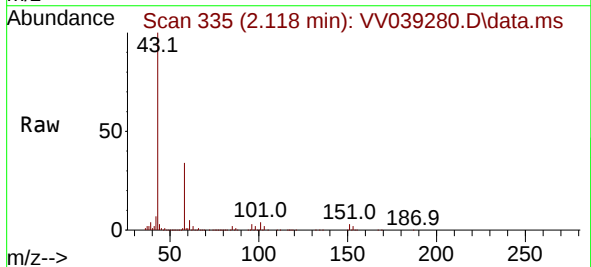
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 1189096
Ion Ratio Lower Upper
53 100
52 81.5 66.1 99.1
51 34.4 28.5 42.7



#16
Acetone
Concen: 236.951 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 43 Resp: 1036472
Ion Ratio Lower Upper
43 100
58 34.3 25.8 38.6

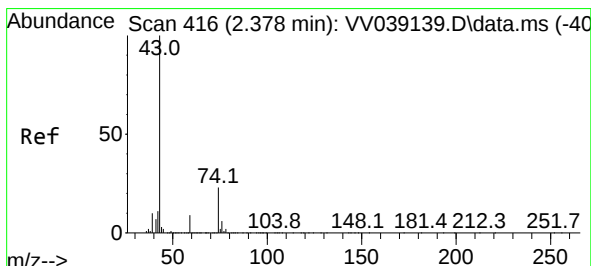
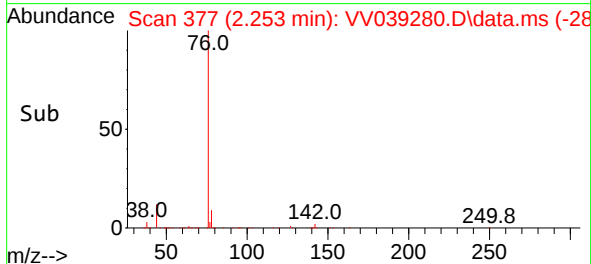
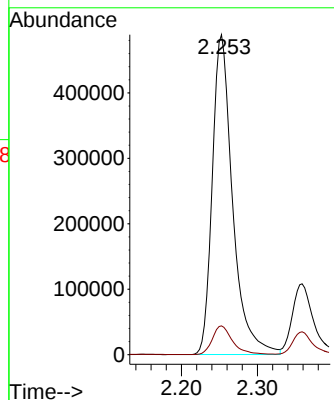
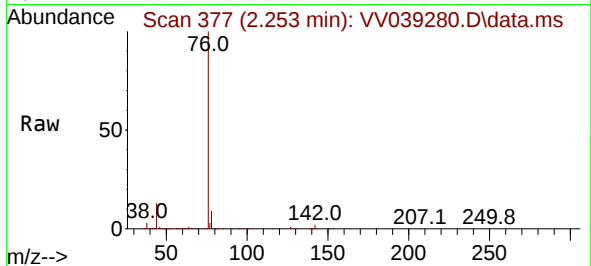




#17
Carbon Disulfide
Concen: 40.415 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

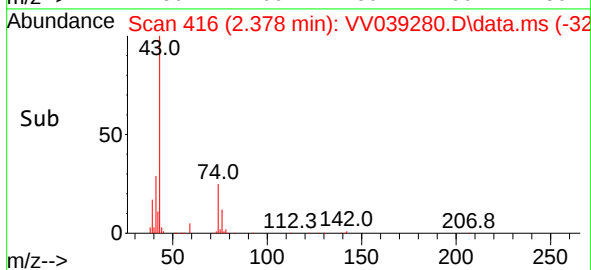
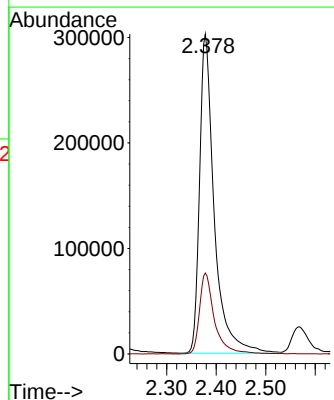
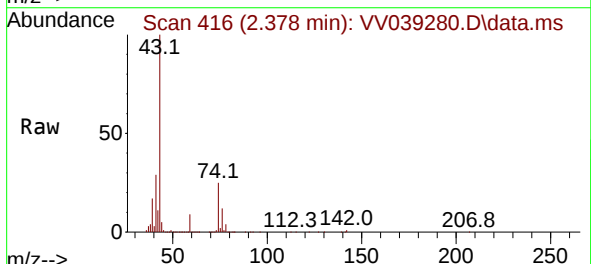
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 907600
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 59.765 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 43 Resp: 624162
Ion Ratio Lower Upper
43 100
74 25.9 18.6 27.8

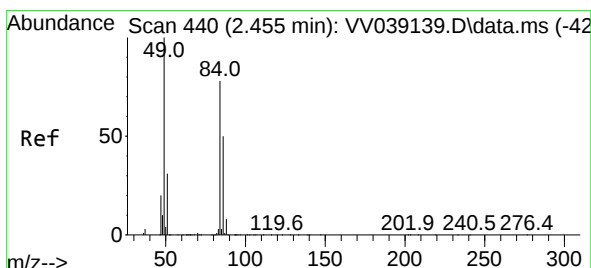
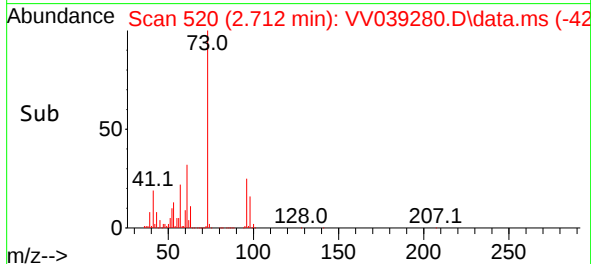
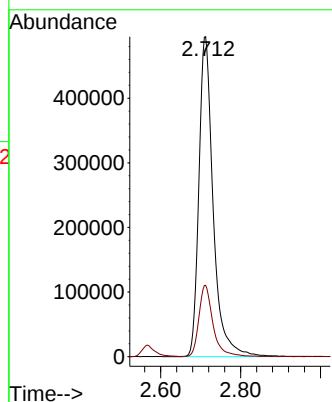
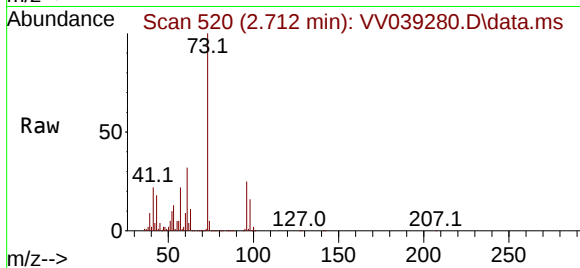




#19
Methyl tert-butyl Ether
Concen: 52.696 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

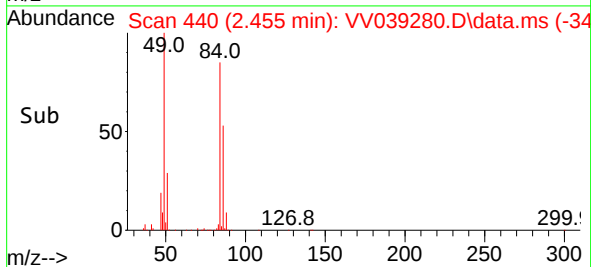
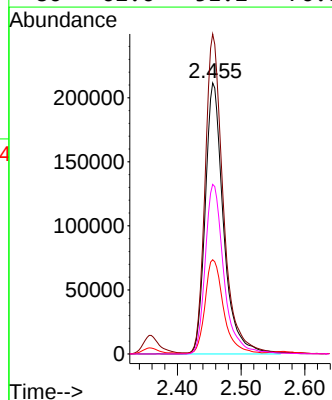
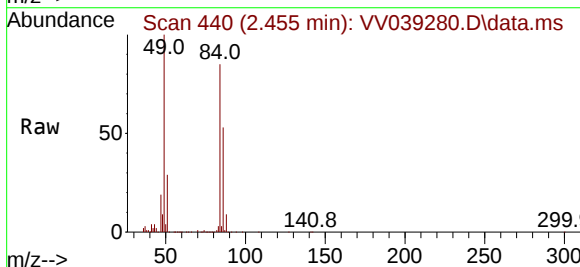
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1233024
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 55.816 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 84 Resp: 421788
Ion Ratio Lower Upper
84 100
49 117.6 102.8 154.2
51 34.6 31.9 47.9
86 62.6 51.2 76.8

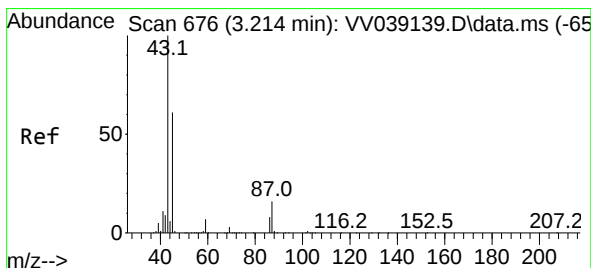
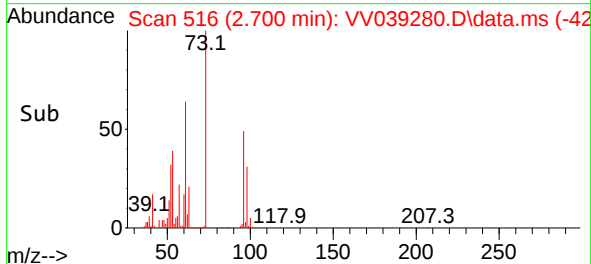
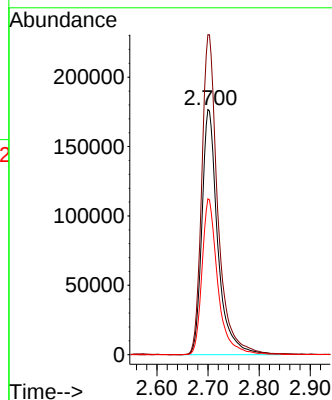
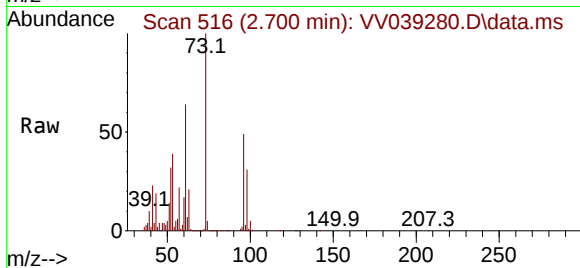




#21
trans-1,2-Dichloroethene
Concen: 48.850 ug/l
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

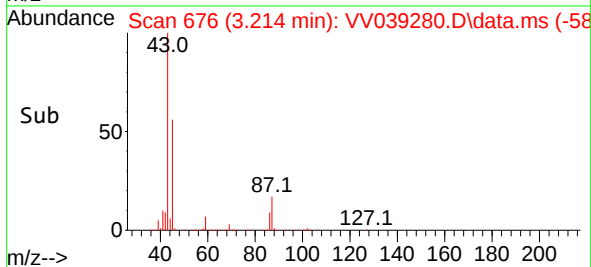
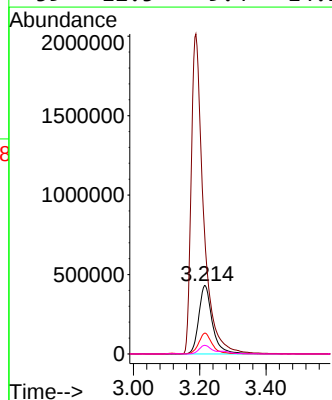
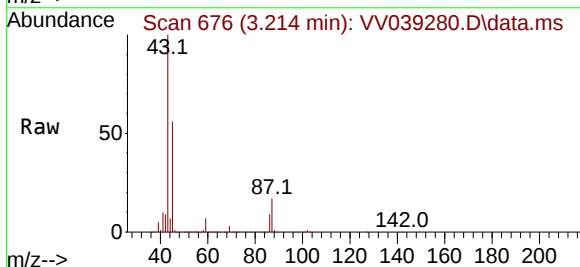
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

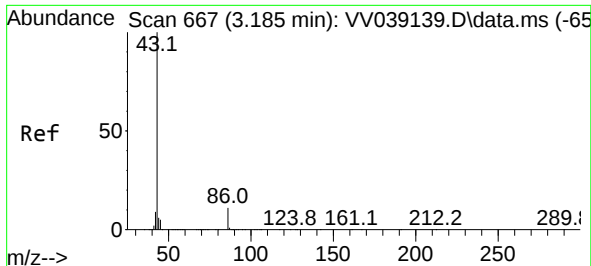
Tgt Ion: 96 Resp: 381868
Ion Ratio Lower Upper
96 100
61 130.5 112.8 169.2
98 63.6 51.1 76.7



#22
Diisopropyl ether
Concen: 48.662 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 45 Resp: 1221221
Ion Ratio Lower Upper
45 100
43 178.9 130.9 196.3
87 30.4 21.1 31.7
59 12.5 9.4 14.2

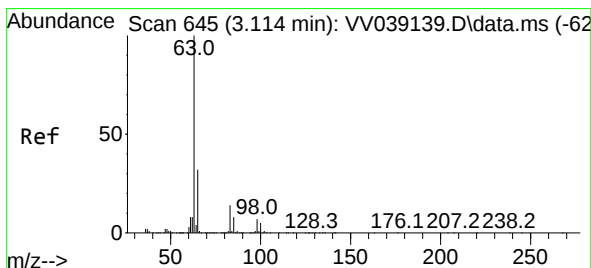
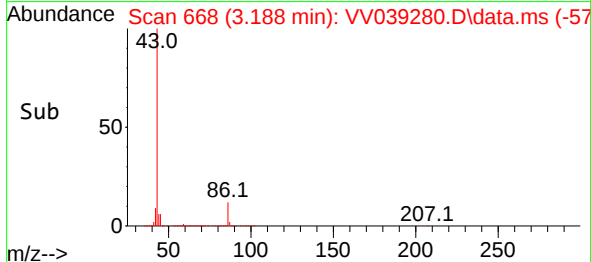
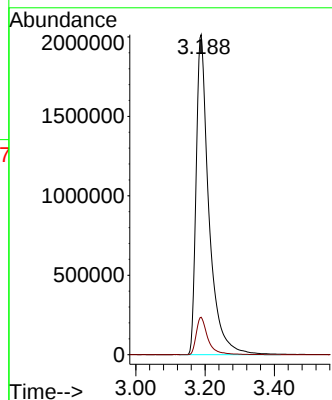
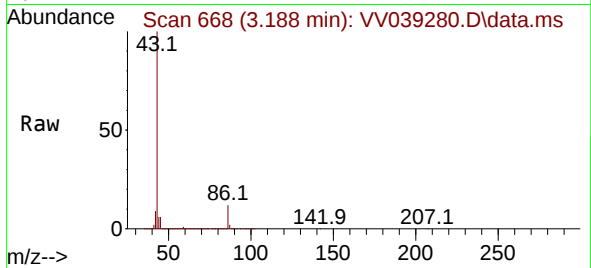




#23
 Vinyl Acetate
 Concen: 235.841 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

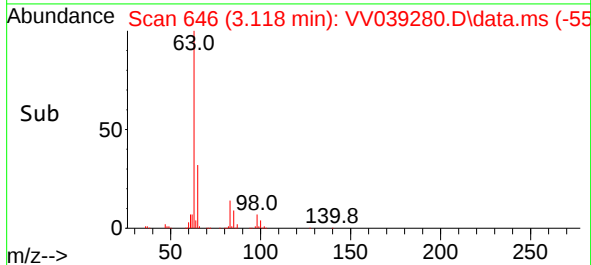
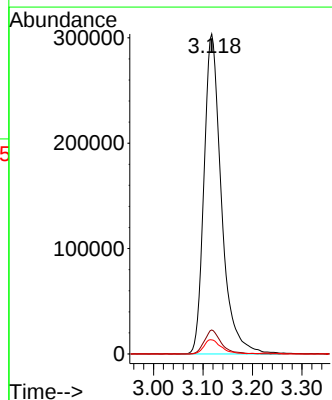
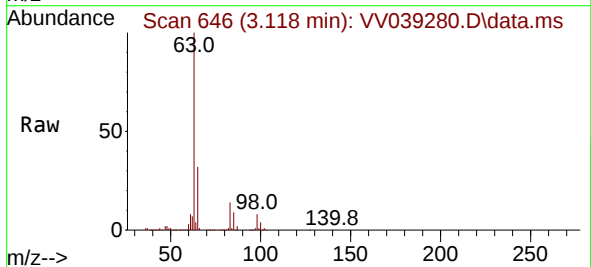
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

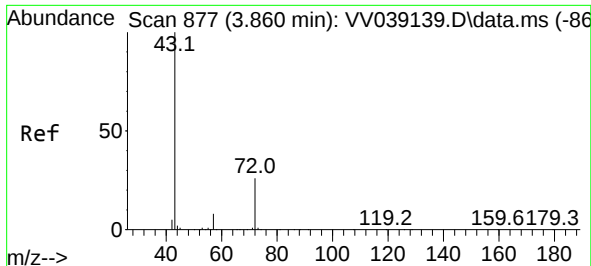
Tgt Ion: 43 Resp: 5177506
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.361 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

Tgt Ion: 63 Resp: 742190
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.4 2.2 6.6

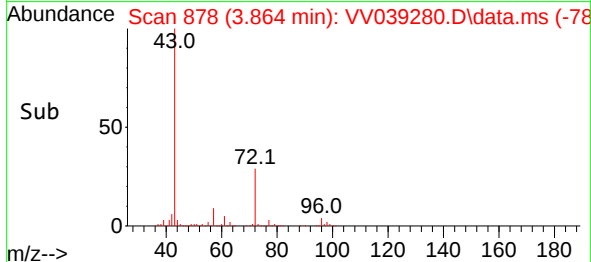
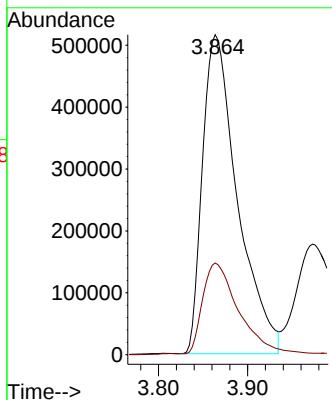
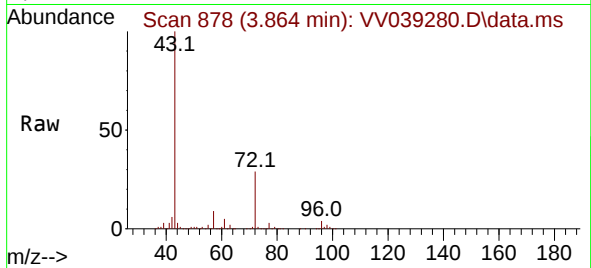




#25
2-Butanone
Concen: 249.105 ug/l
RT: 3.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

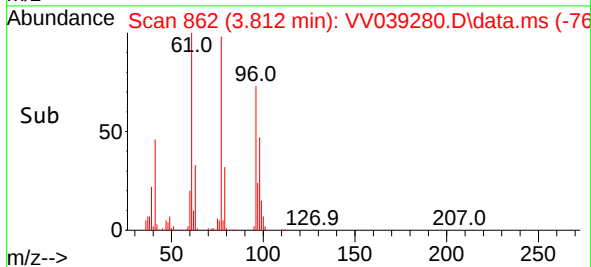
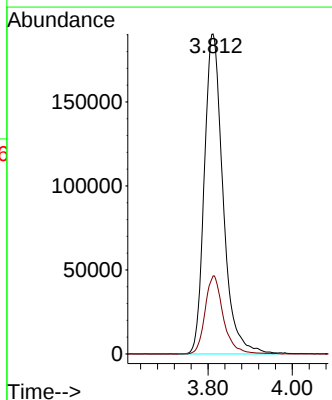
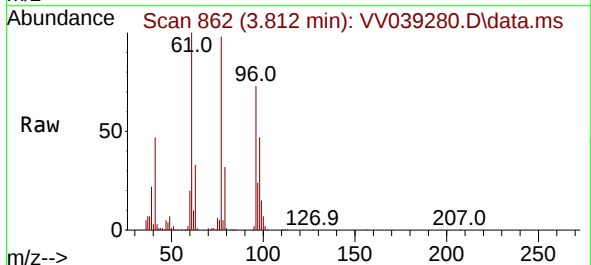
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1406024
Ion Ratio Lower Upper
43 100
72 28.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 43.127 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 77 Resp: 586855
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7



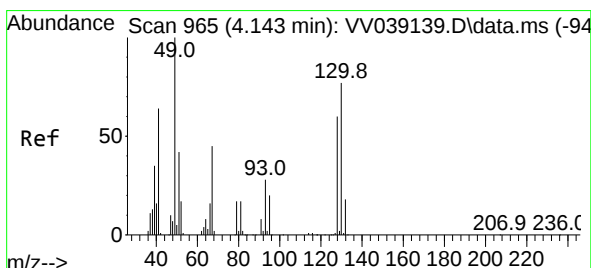
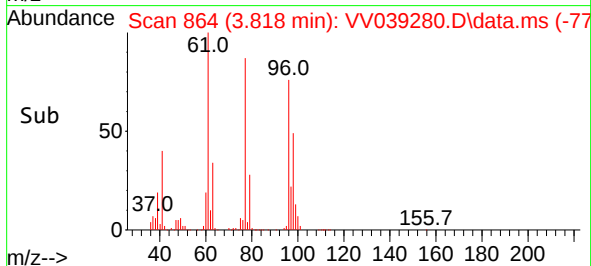
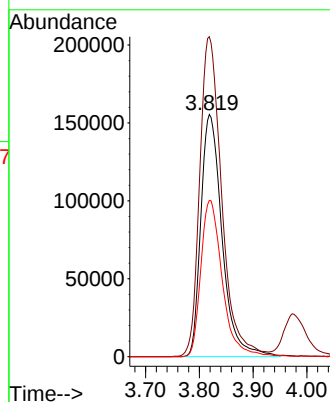
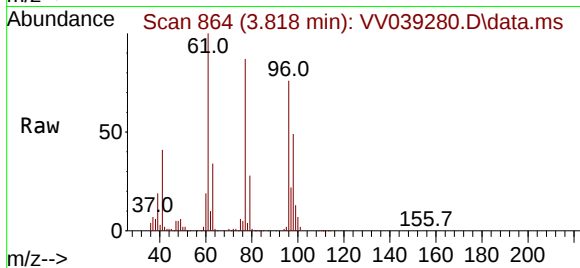


#27
 cis-1,2-Dichloroethene
 Concen: 49.519 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 426922

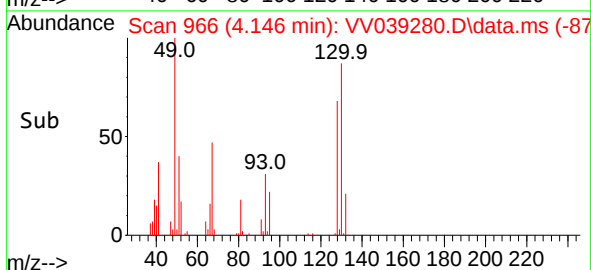
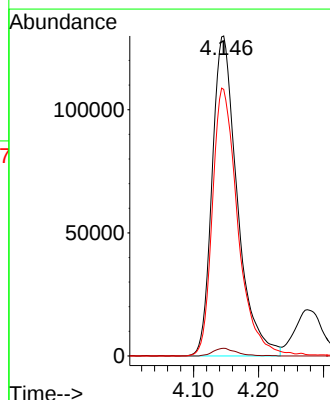
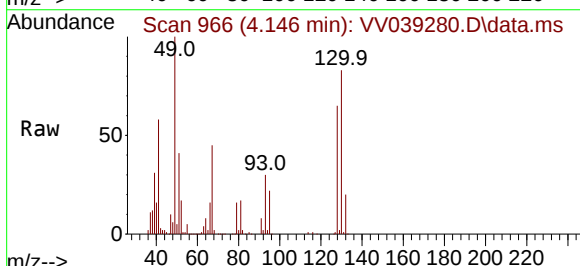
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	286.4
98	65.2	0.0	126.6

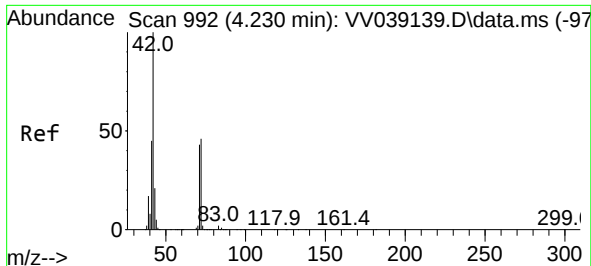


#28
 Bromochloromethane
 Concen: 51.631 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

Tgt Ion: 49 Resp: 349803

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	84.5	60.2	90.2

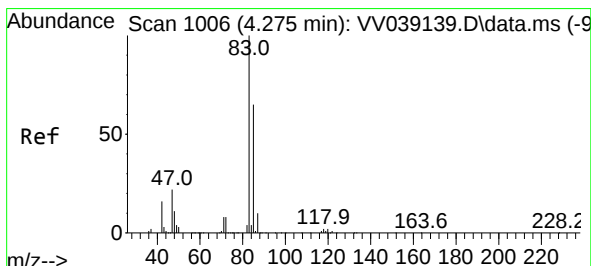
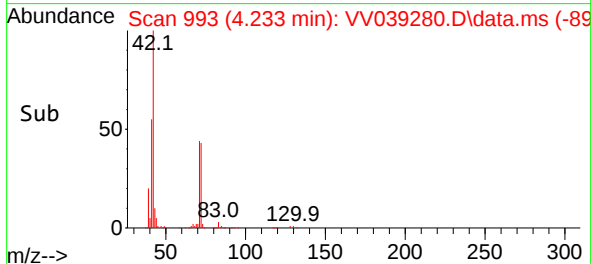
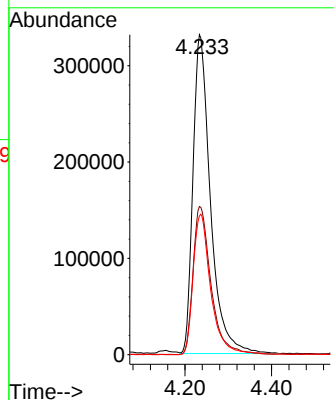
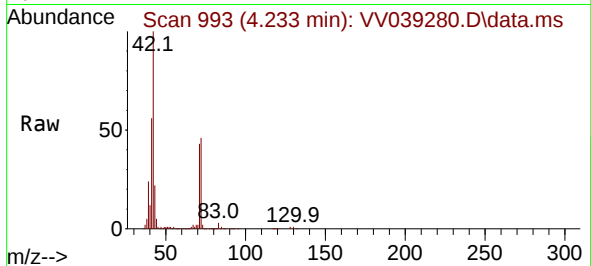




#29
Tetrahydrofuran
Concen: 262.503 ug/l
RT: 4.233 min Scan# 992
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

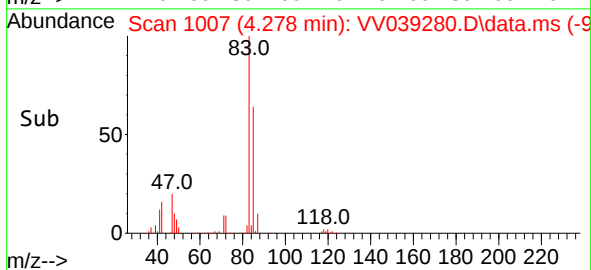
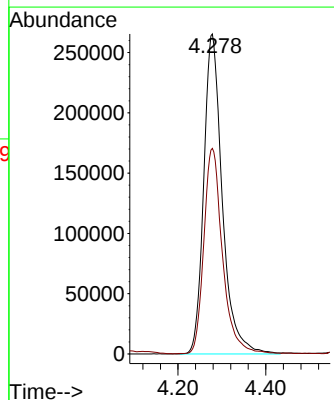
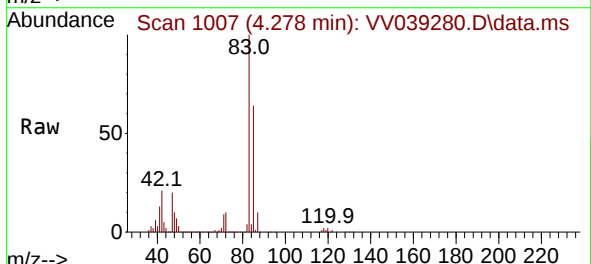
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

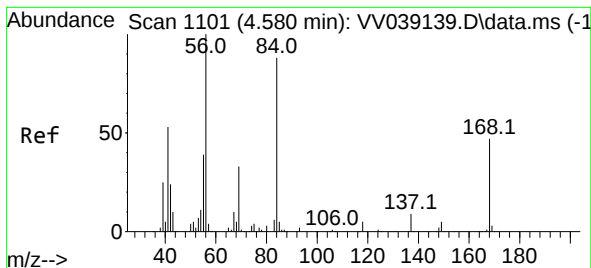
Tgt Ion:	42	Resp:	927401
Ion	Ratio	Lower	Upper
42	100		
72	47.9	36.3	54.5
71	44.3	34.3	51.5



#30
Chloroform
Concen: 48.546 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion:	83	Resp:	777967
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.1	78.1





#31

Cyclohexane

Concen: 42.522 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

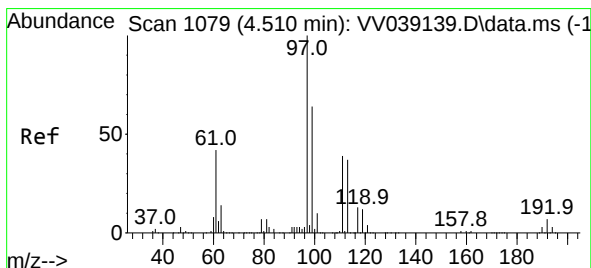
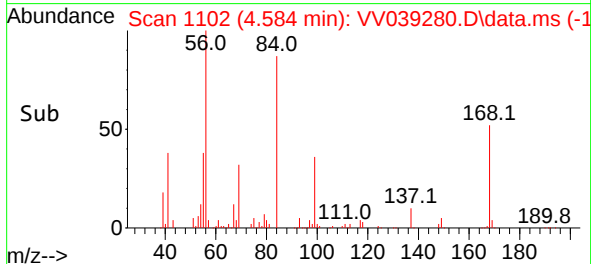
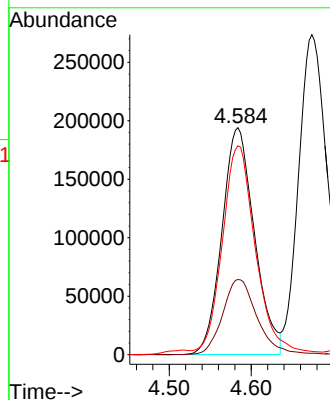
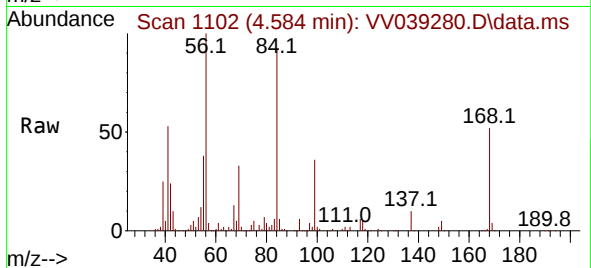
Tgt Ion: 56 Resp: 534585

Ion Ratio Lower Upper

56 100

69 33.0 26.2 39.2

84 90.1 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 48.459 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

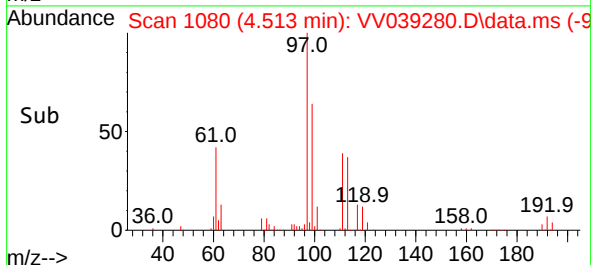
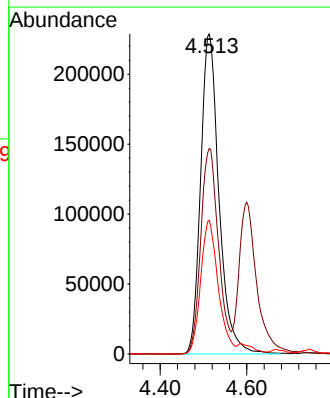
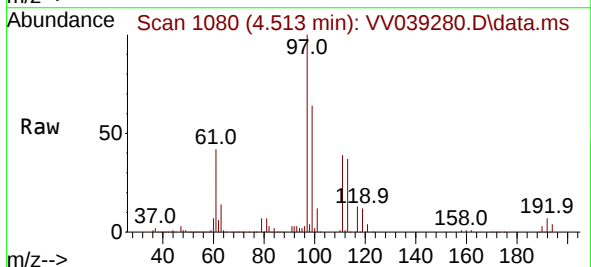
Tgt Ion: 97 Resp: 672311

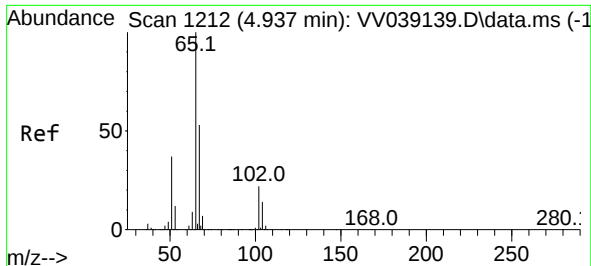
Ion Ratio Lower Upper

97 100

99 62.0 49.6 74.4

61 40.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.192 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

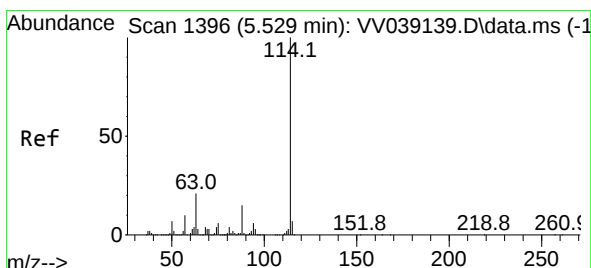
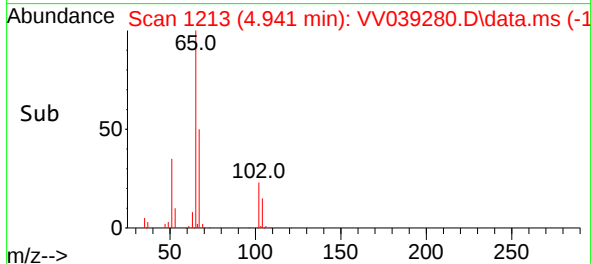
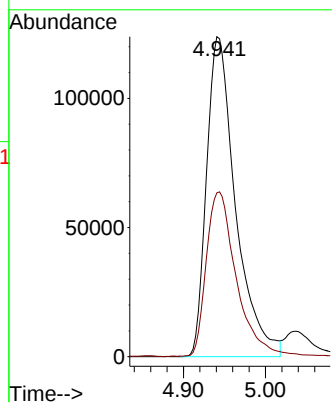
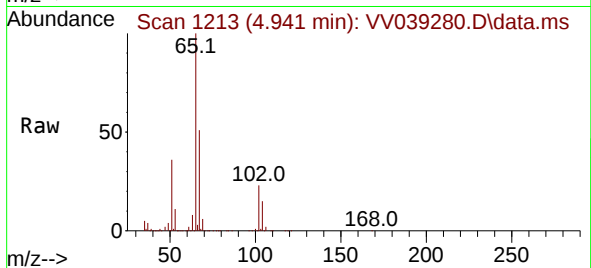
VSTDCCC050EC

Tgt Ion: 65 Resp: 304441

Ion Ratio Lower Upper

65 100

67 53.4 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: VV039280.D

Acq: 06 Oct 2025 17:40

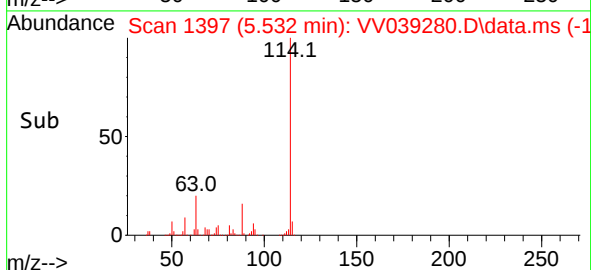
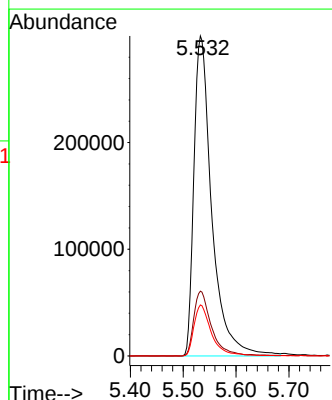
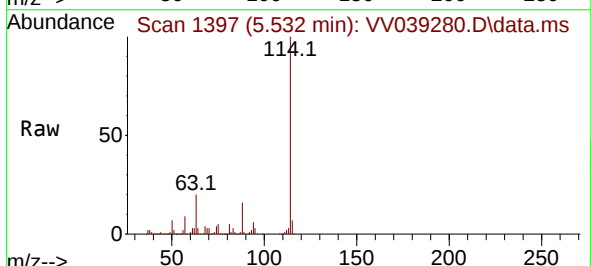
Tgt Ion: 114 Resp: 705972

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.9 0.0 30.8

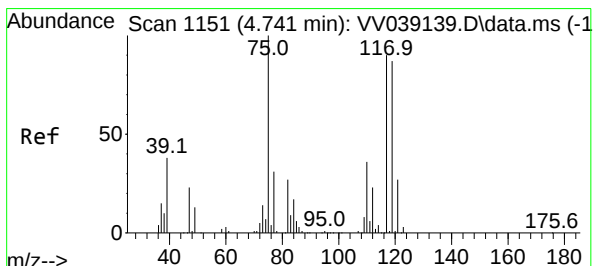
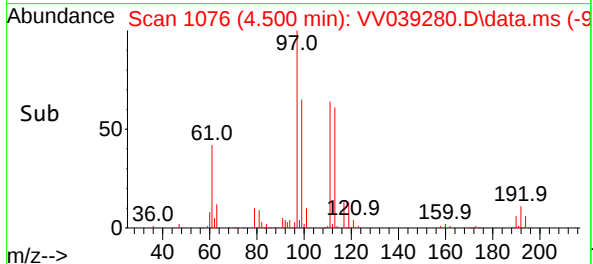
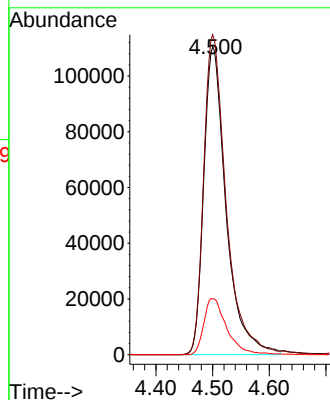
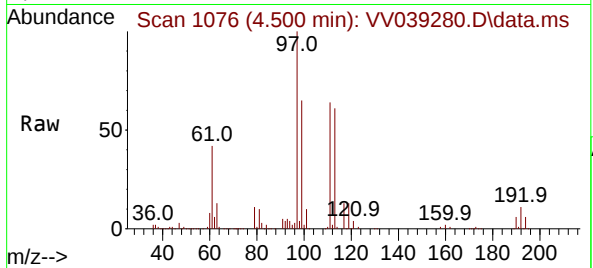




#35
Dibromofluoromethane
Concen: 53.260 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

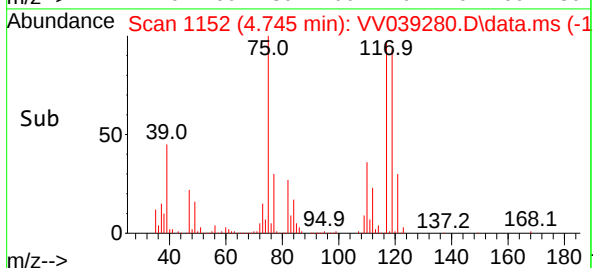
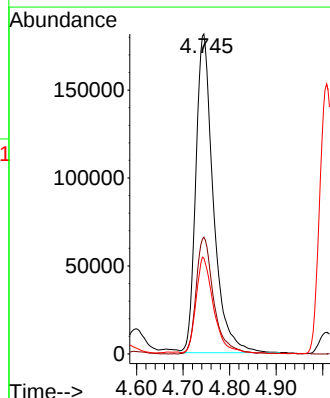
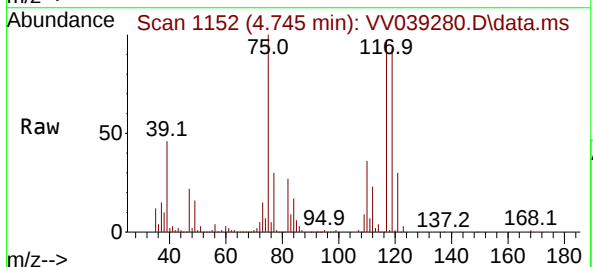
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

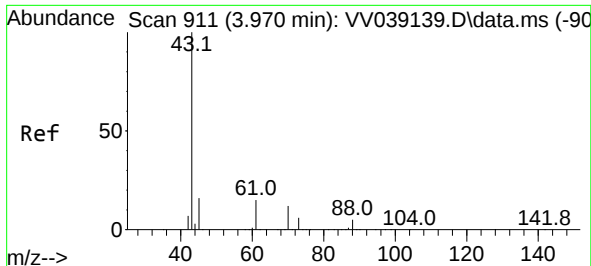
Tgt Ion:113 Resp: 302272
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 18.5 13.8 20.8



#36
1,1-Dichloropropene
Concen: 55.183 ug/l
RT: 4.745 min Scan# 1152
Delta R.T. 0.004 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 75 Resp: 473509
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.1
77 29.4 24.8 37.2

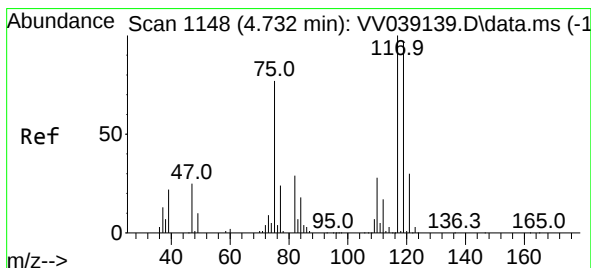
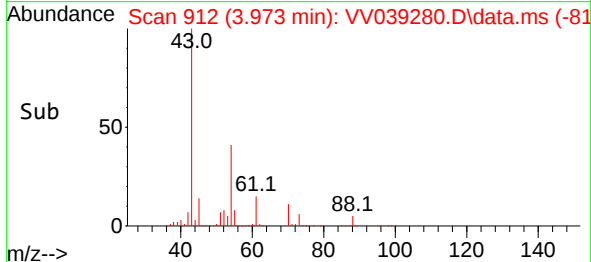
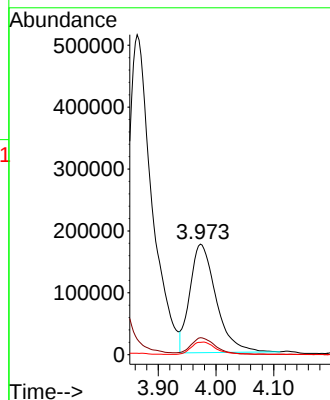
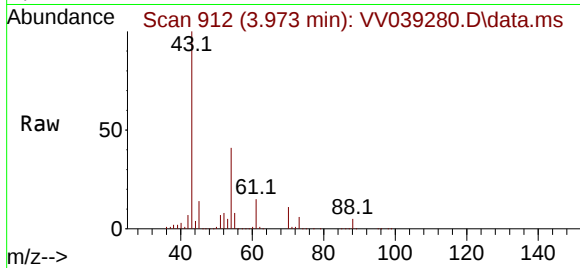




#37
Ethyl Acetate
Concen: 53.067 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

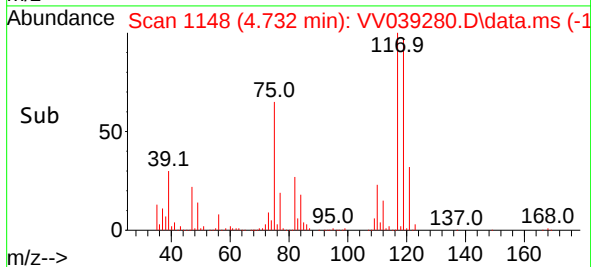
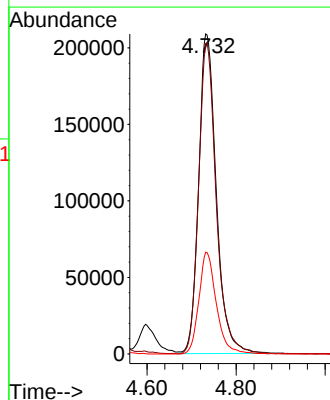
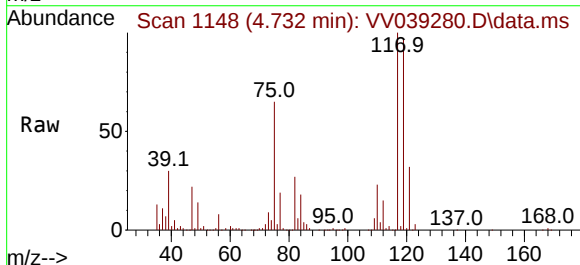
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

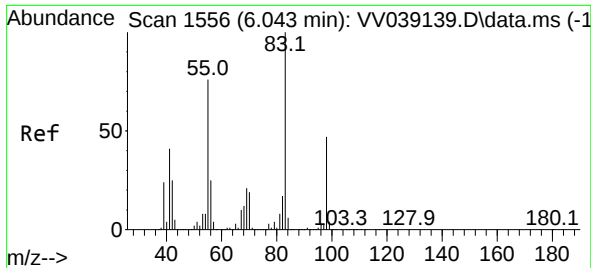
Tgt Ion: 43 Resp: 552536
Ion Ratio Lower Upper
43 100
61 13.8 10.3 15.5
70 10.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 54.869 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 117 Resp: 575411
Ion Ratio Lower Upper
117 100
119 97.0 77.2 115.8
121 31.9 24.2 36.2

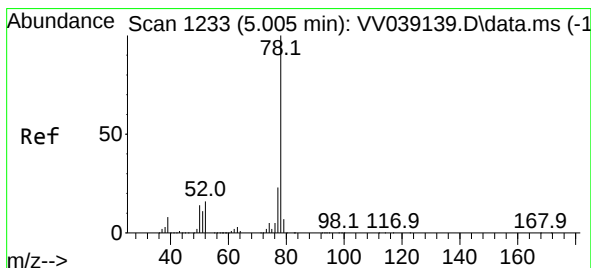
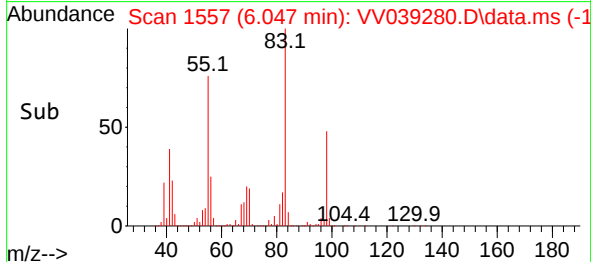
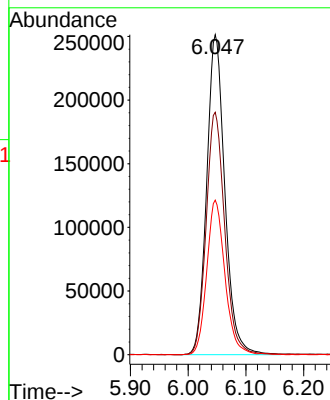
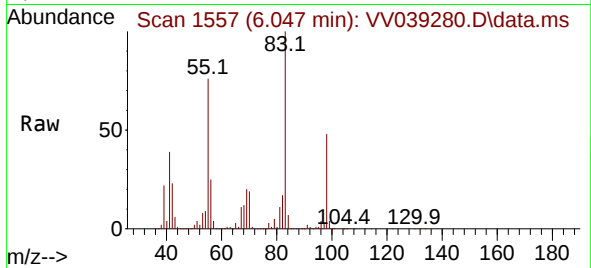




#39
Methylcyclohexane
Concen: 52.998 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

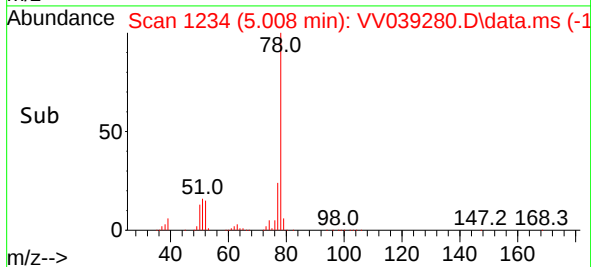
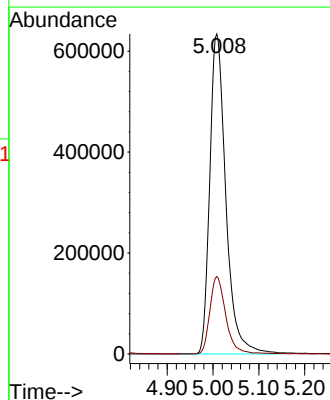
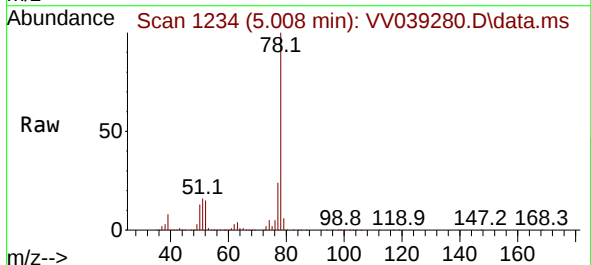
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

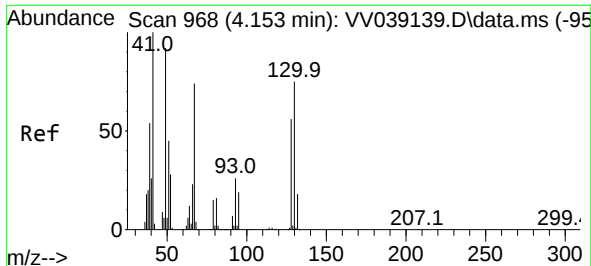
Tgt Ion: 83 Resp: 549178
Ion Ratio Lower Upper
83 100
55 75.8 60.5 90.7
98 48.3 37.8 56.6



#40
Benzene
Concen: 55.268 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 78 Resp: 1544294
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



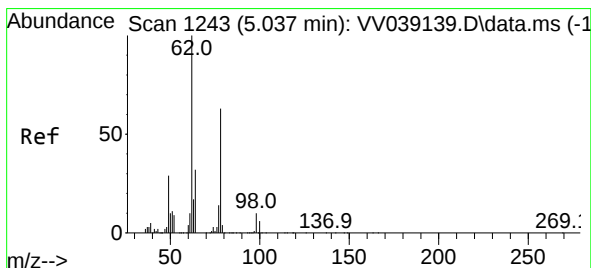
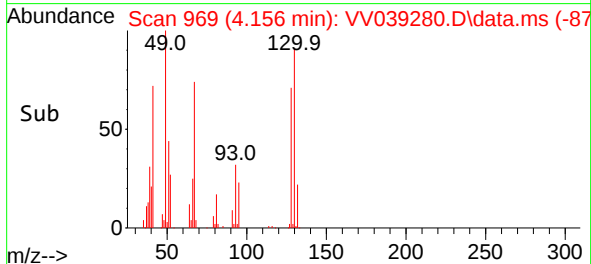
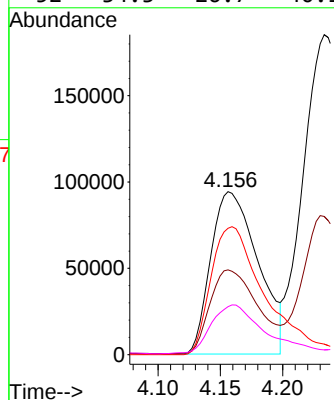
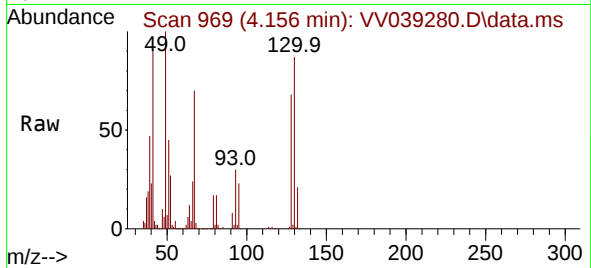


#41
Methacrylonitrile
Concen: 52.585 ug/l
RT: 4.156 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 248035

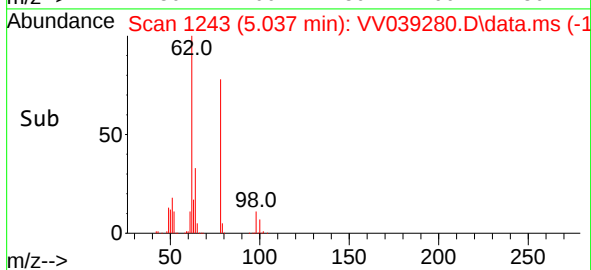
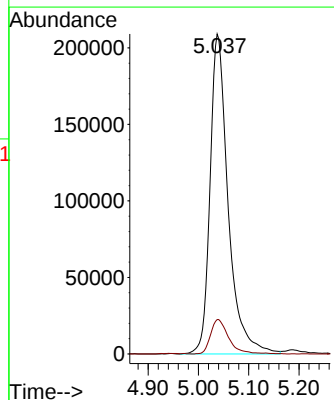
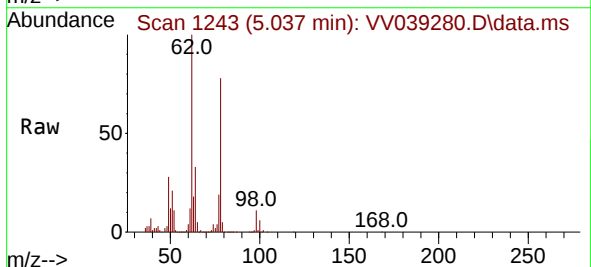
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.2
67	93.1	67.9	101.9
52	34.3	26.7	40.1

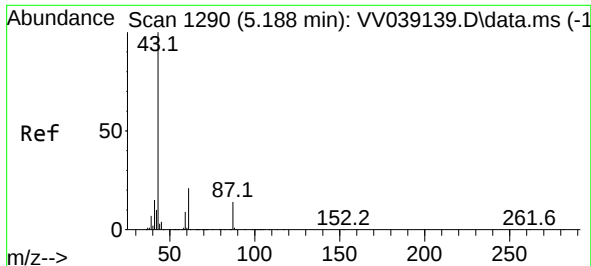


#42
1,2-Dichloroethane
Concen: 53.411 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 62 Resp: 522922

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.2

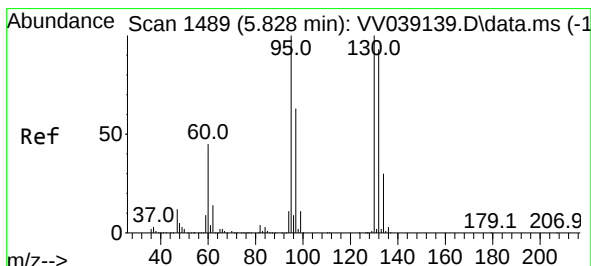
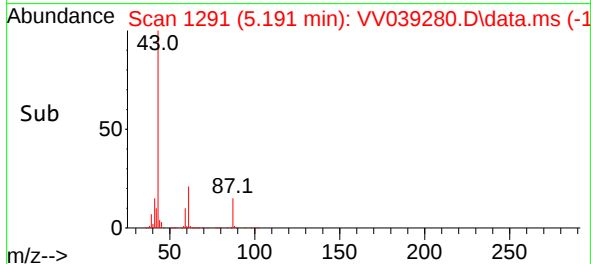
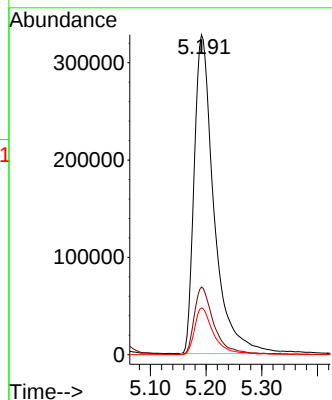
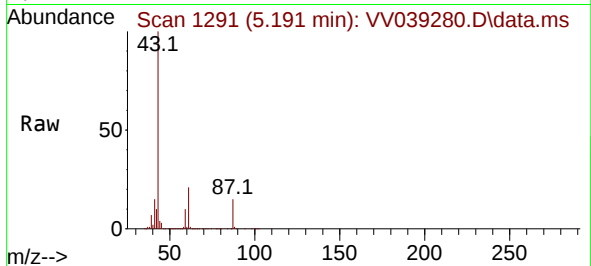




#43
Isopropyl Acetate
Concen: 57.009 ug/l
RT: 5.191 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

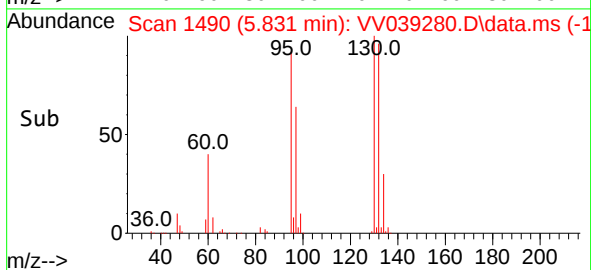
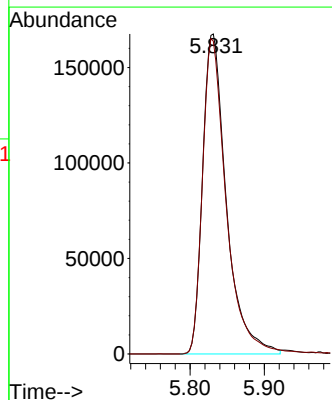
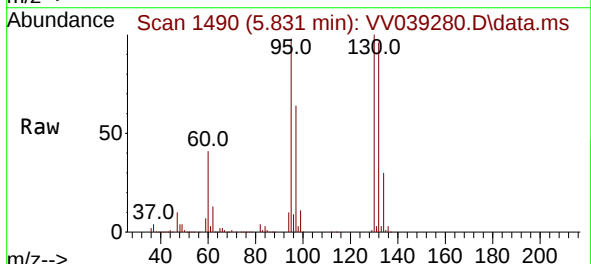
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

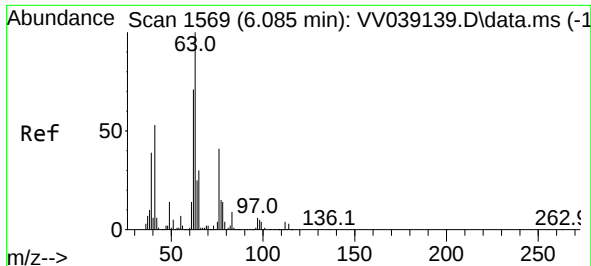
Tgt Ion: 43 Resp: 809330
Ion Ratio Lower Upper
43 100
61 20.8 15.9 23.9
87 14.2 11.0 16.6



#44
Trichloroethene
Concen: 57.773 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion:130 Resp: 372507
Ion Ratio Lower Upper
130 100
95 97.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 57.464 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

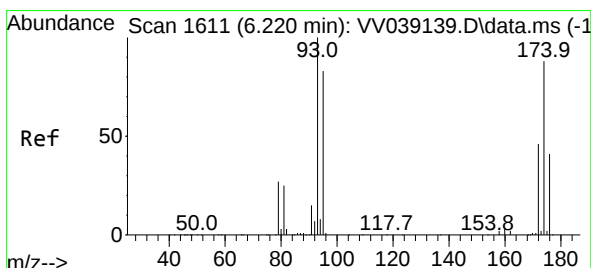
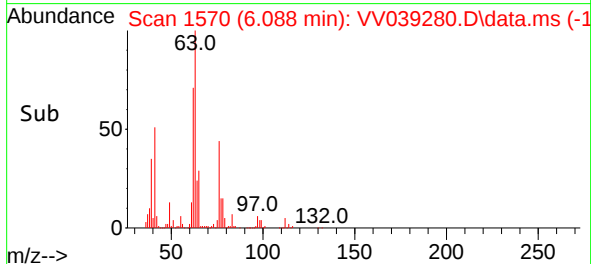
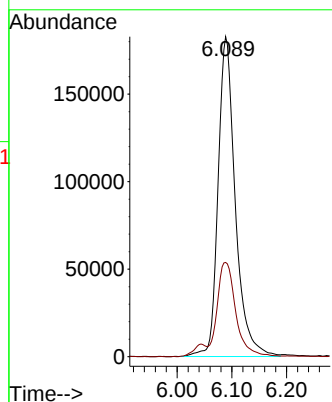
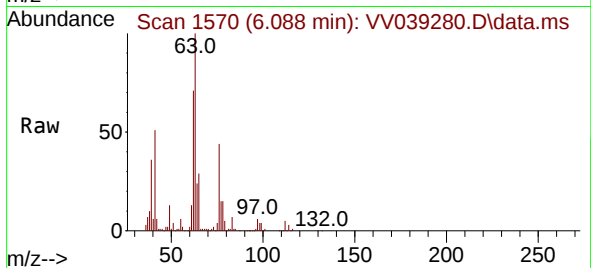
VSTDCCC050EC

Tgt Ion: 63 Resp: 399099

Ion Ratio Lower Upper

63 100

65 29.4 23.7 35.5



#46

Dibromomethane

Concen: 57.159 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

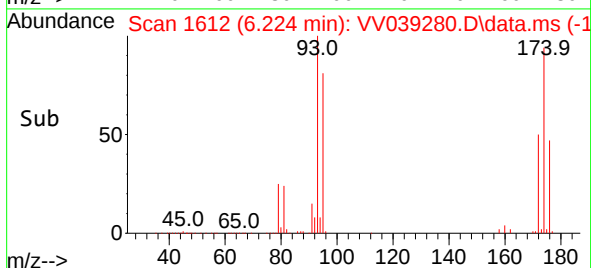
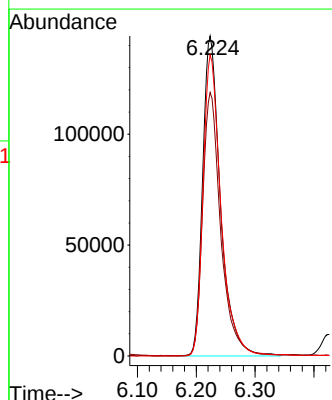
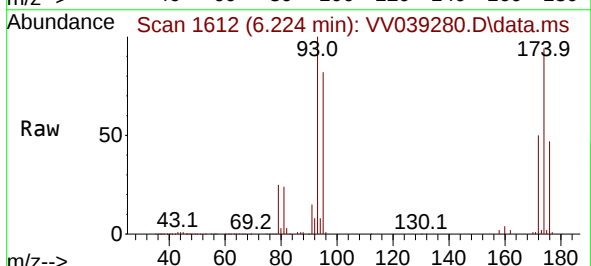
Tgt Ion: 93 Resp: 303839

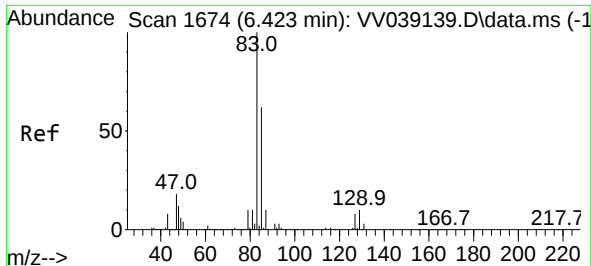
Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

174 94.7 69.0 103.4

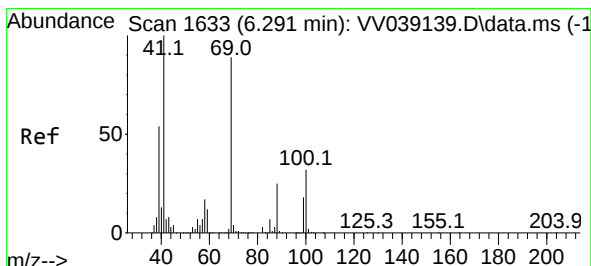
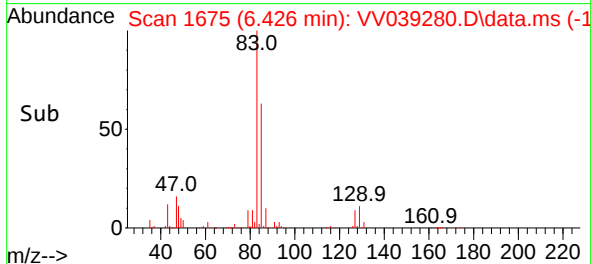
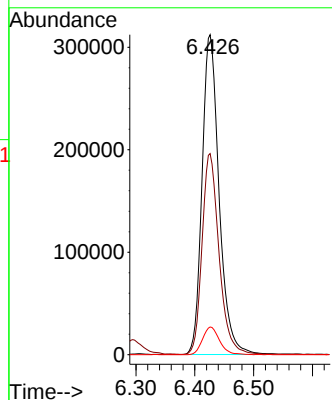
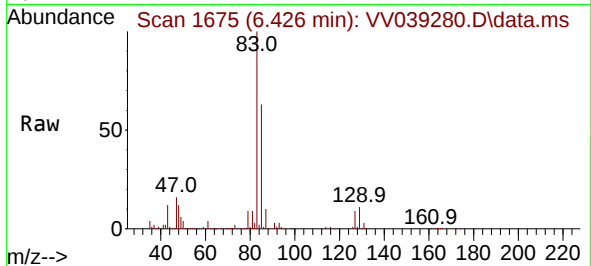




#47
Bromodichloromethane
Concen: 57.158 ug/l
RT: 6.426 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

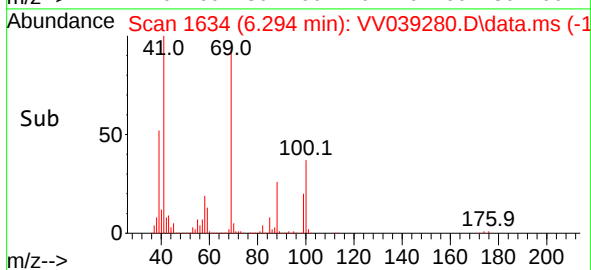
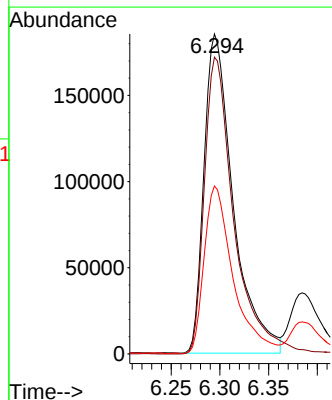
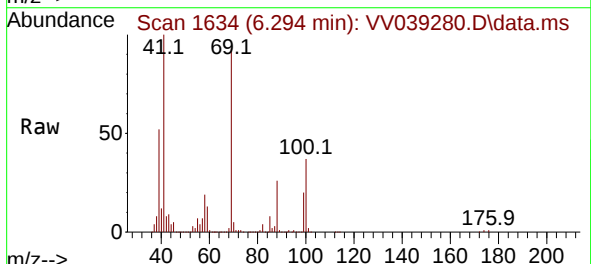
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

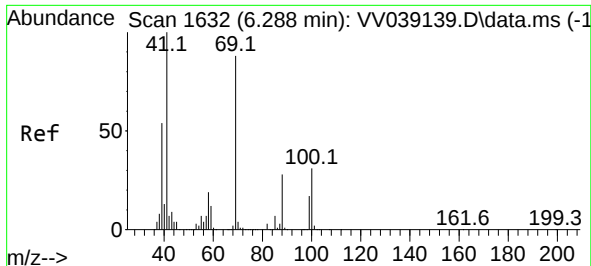
Tgt Ion: 83 Resp: 628123
Ion Ratio Lower Upper
83 100
85 62.8 49.7 74.5
127 8.7 6.6 9.8



#48
Methyl methacrylate
Concen: 60.098 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 41 Resp: 386754
Ion Ratio Lower Upper
41 100
69 94.6 72.4 108.6
39 51.8 42.5 63.7





#49

1,4-Dioxane

Concen: 1146.904 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

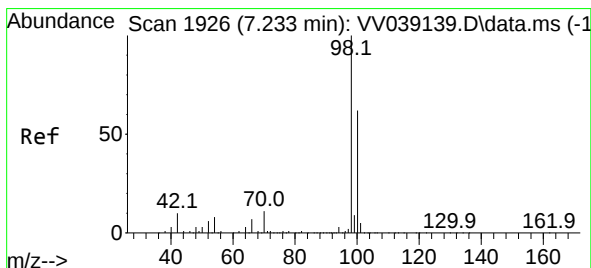
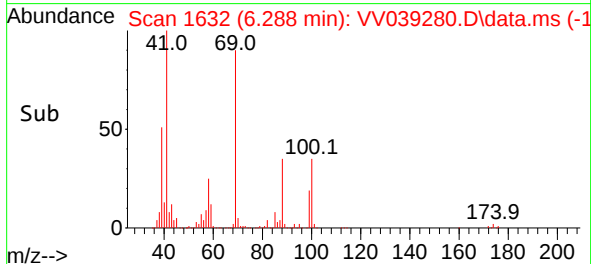
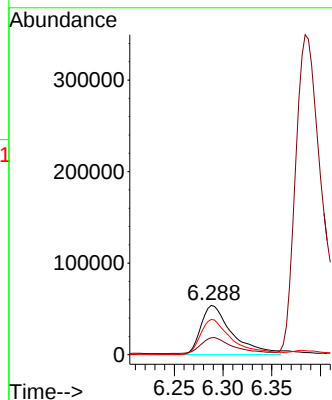
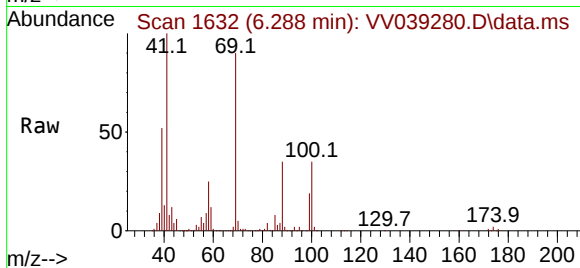
Tgt Ion: 88 Resp: 119109

Ion Ratio Lower Upper

88 100

43 33.7 25.1 37.7

58 73.0 53.6 80.4



#50

Toluene-d8

Concen: 50.388 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039280.D

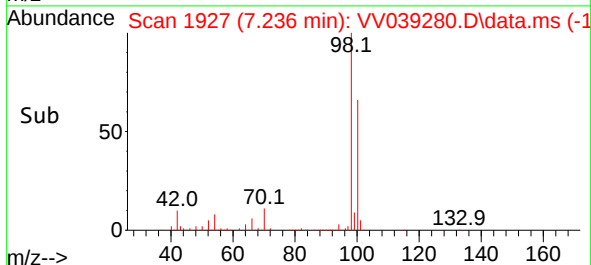
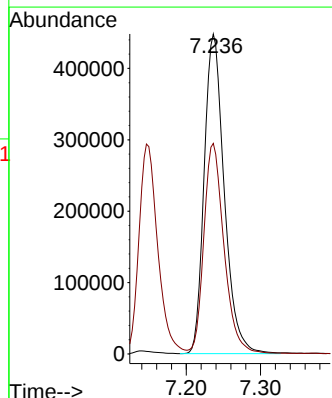
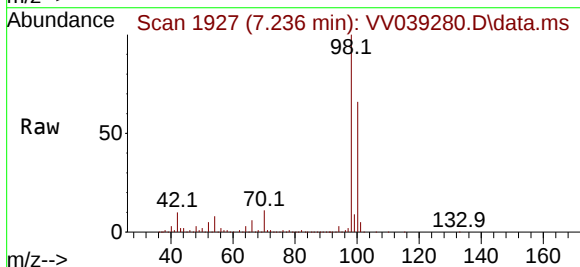
Acq: 06 Oct 2025 17:40

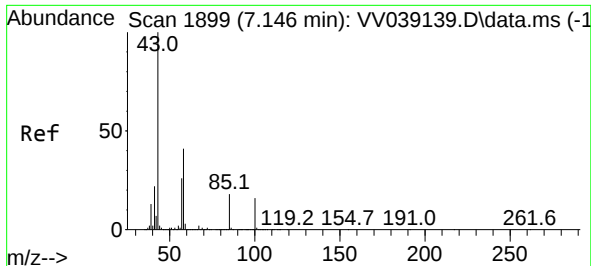
Tgt Ion: 98 Resp: 839907

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 315.081 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

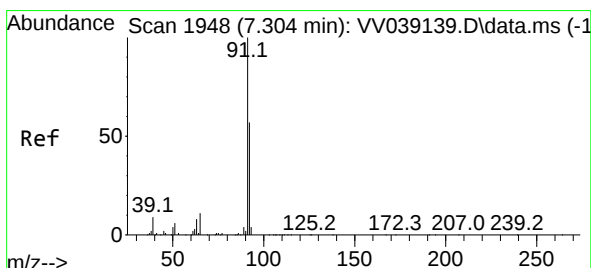
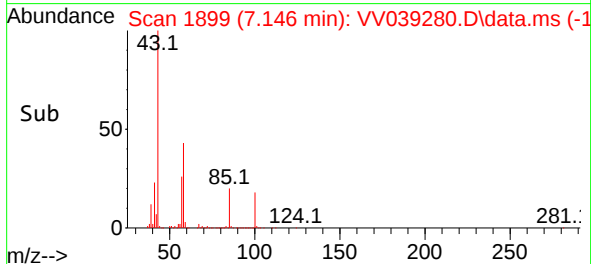
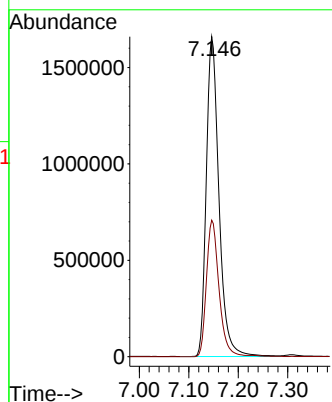
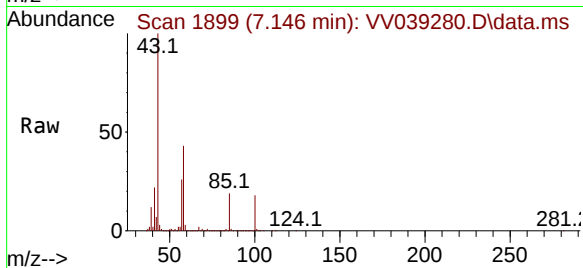
VSTDCCC050EC

Tgt Ion: 43 Resp: 2942748

Ion Ratio Lower Upper

43 100

58 42.2 32.3 48.5



#52

Toluene

Concen: 61.740 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039280.D

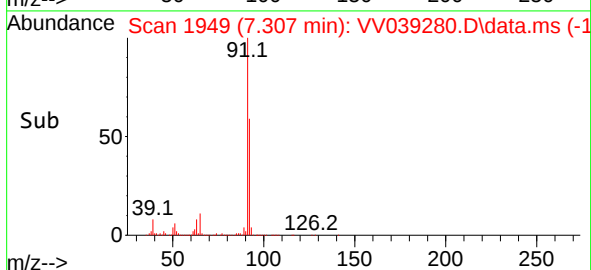
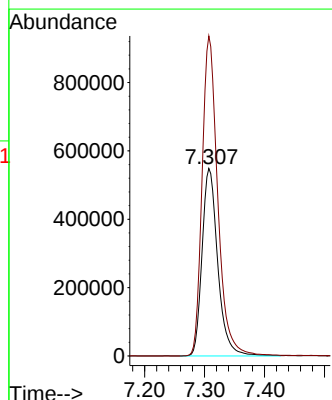
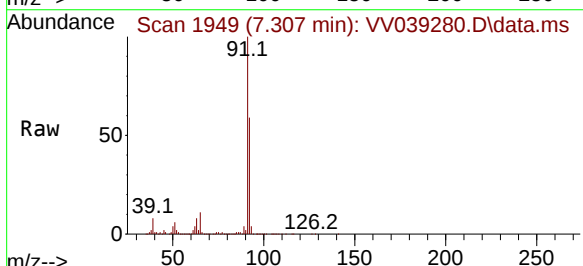
Acq: 06 Oct 2025 17:40

Tgt Ion: 92 Resp: 1000240

Ion Ratio Lower Upper

92 100

91 170.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 59.567 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

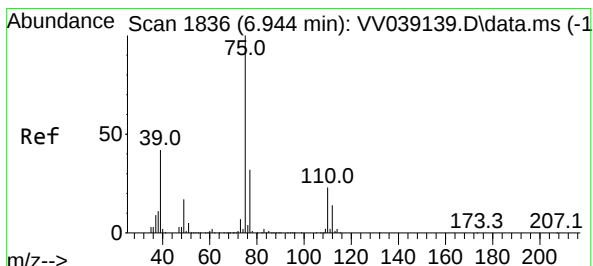
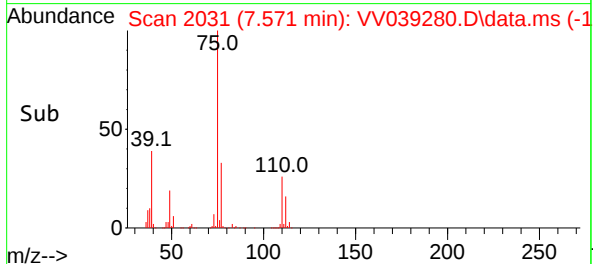
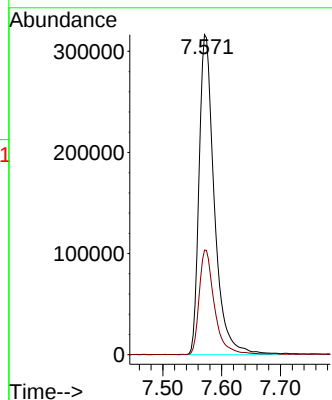
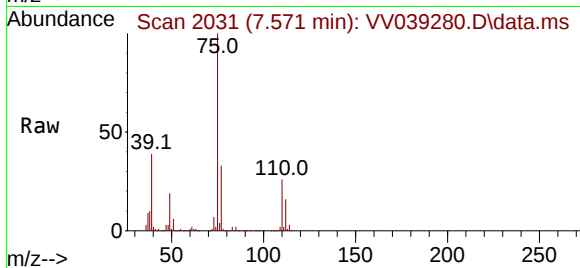
VSTDCCC050EC

Tgt Ion: 75 Resp: 570469

Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 60.208 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

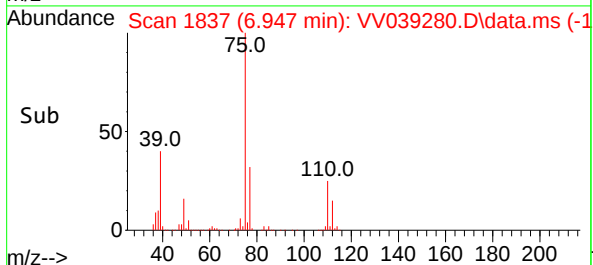
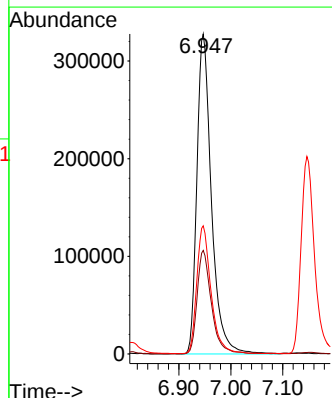
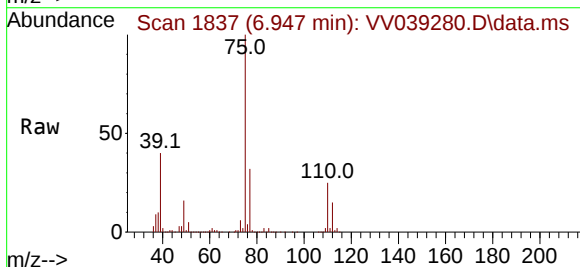
Tgt Ion: 75 Resp: 636551

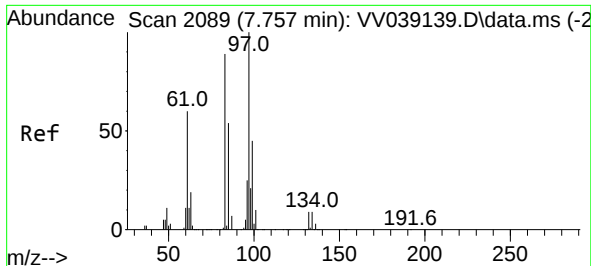
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 39.9 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 58.299 ug/l

RT: 7.757 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 423497

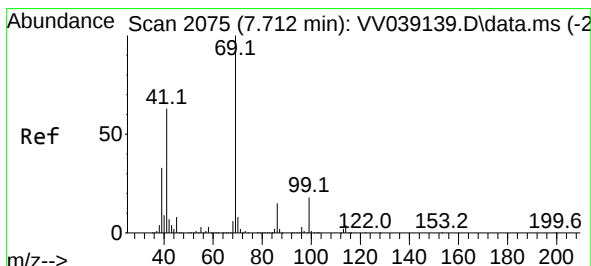
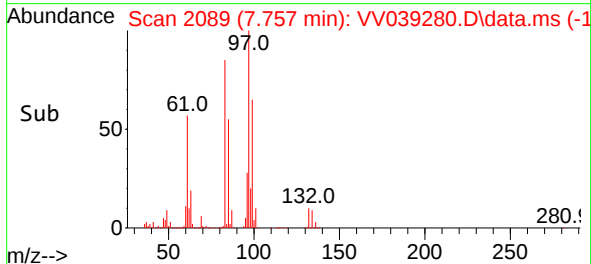
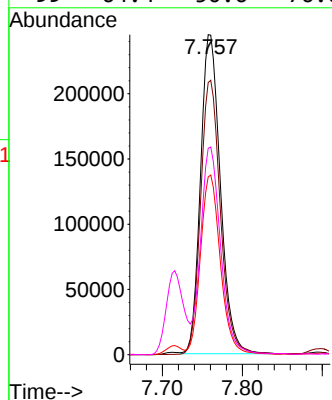
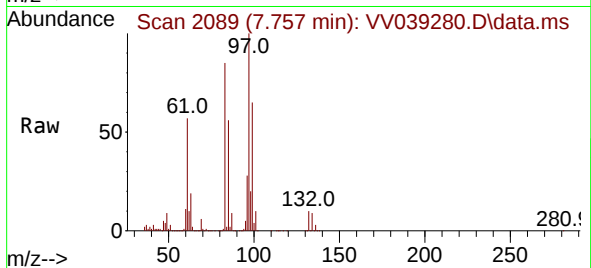
Ion Ratio Lower Upper

97 100

83 85.1 71.1 106.7

85 55.5 44.6 67.0

99 64.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 66.065 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

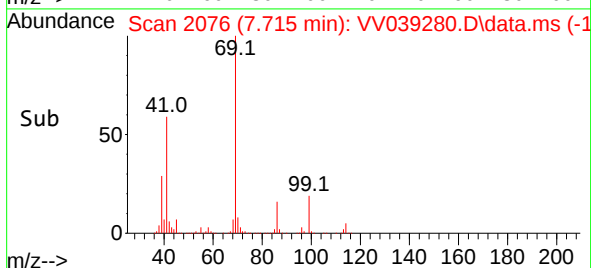
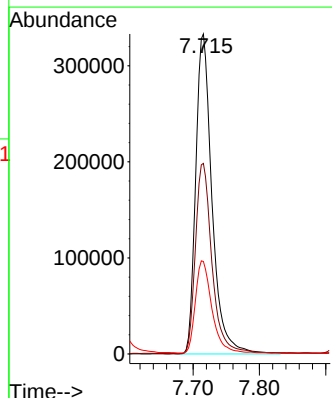
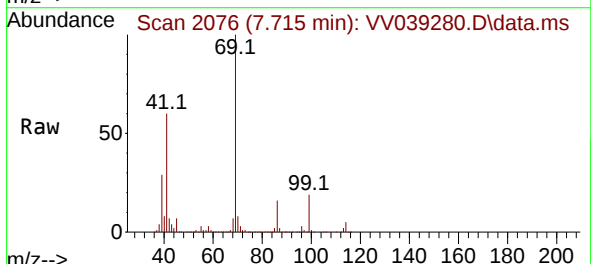
Tgt Ion: 69 Resp: 569925

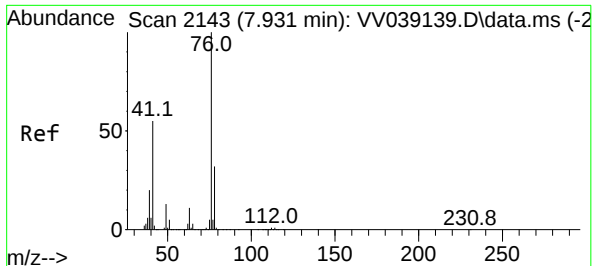
Ion Ratio Lower Upper

69 100

41 60.4 50.7 76.1

39 29.2 26.0 39.0





#57

1,3-Dichloropropane

Concen: 58.598 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

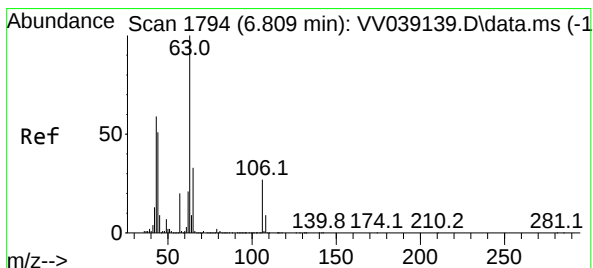
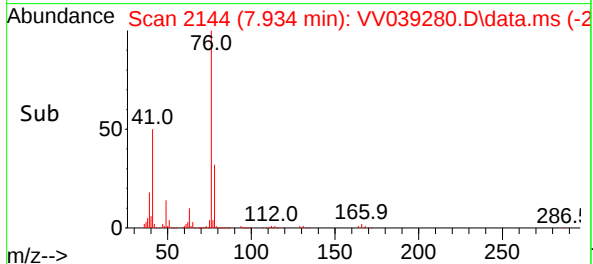
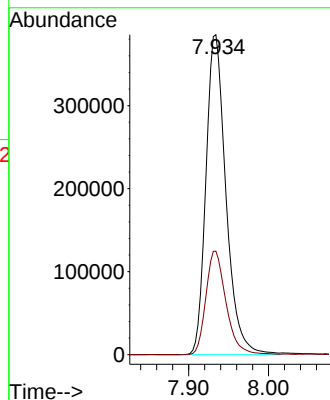
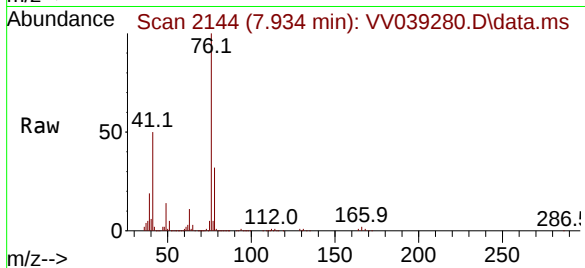
VSTDCCC050EC

Tgt Ion: 76 Resp: 671771

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 232.093 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039280.D

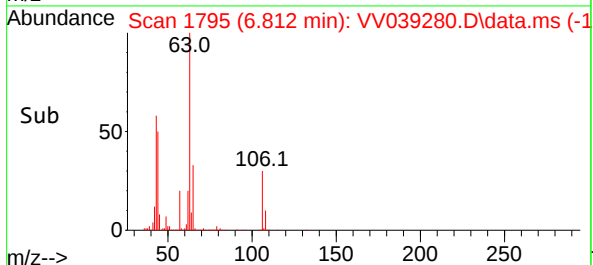
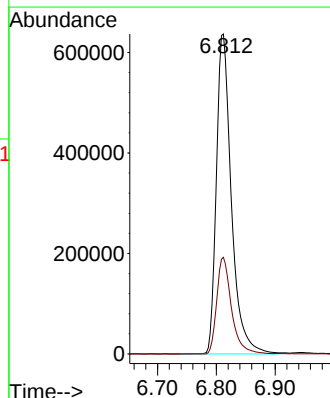
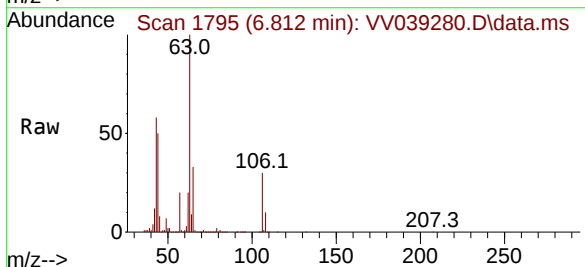
Acq: 06 Oct 2025 17:40

Tgt Ion: 63 Resp: 1127047

Ion Ratio Lower Upper

63 100

106 29.7 22.1 33.1

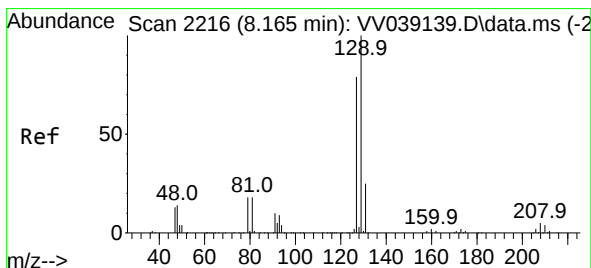
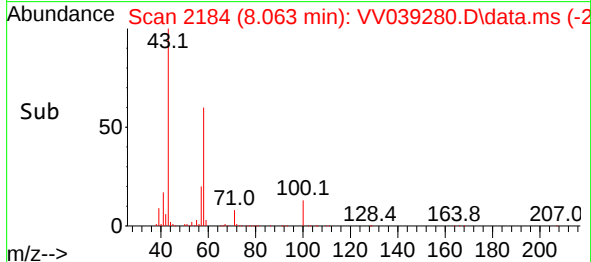
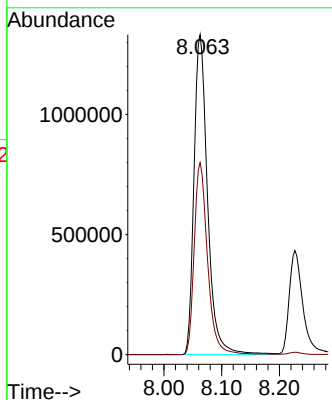
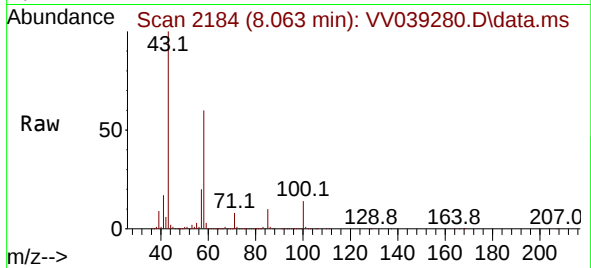




#59
2-Hexanone
Concen: 287.508 ug/l
RT: 8.063 min Scan# 2183
Delta R.T. 0.004 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

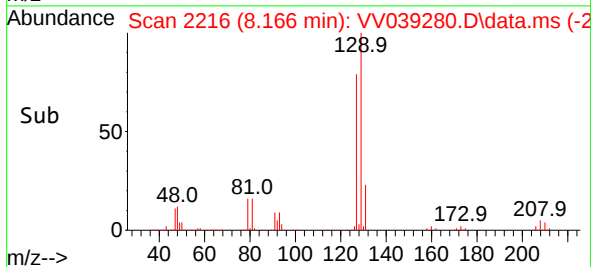
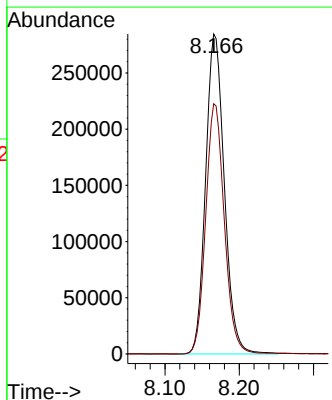
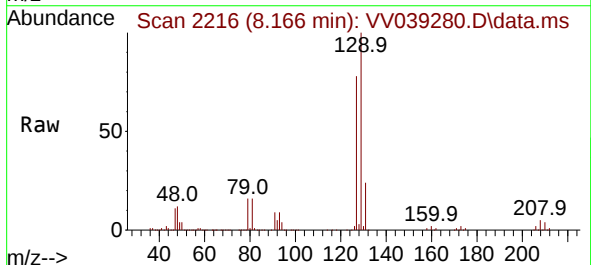
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2170156
Ion Ratio Lower Upper
43 100
58 59.2 28.3 85.0



#60
Dibromochloromethane
Concen: 60.020 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 129 Resp: 496796
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.9





#61

1,2-Dibromoethane

Concen: 60.701 ug/l

RT: 8.272 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

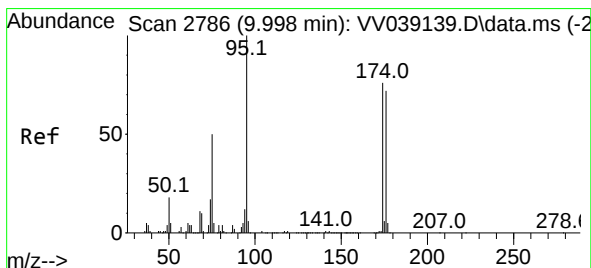
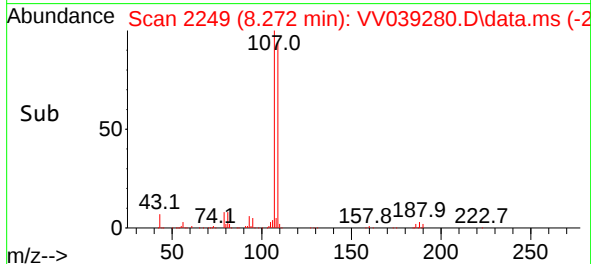
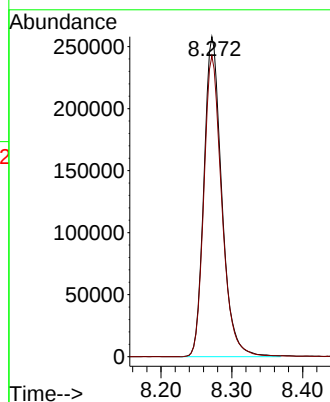
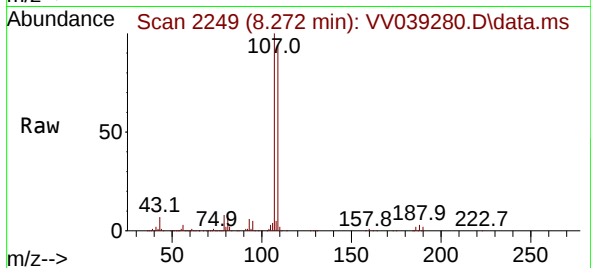
VSTDCCC050EC

Tgt Ion:107 Resp: 450946

Ion Ratio Lower Upper

107 100

109 94.5 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 60.162 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

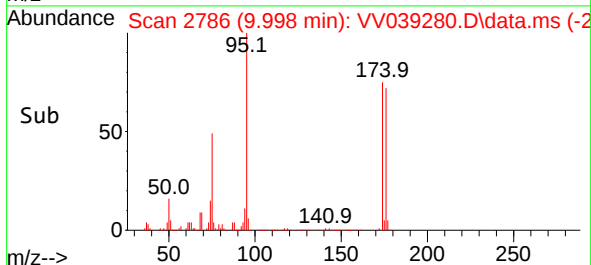
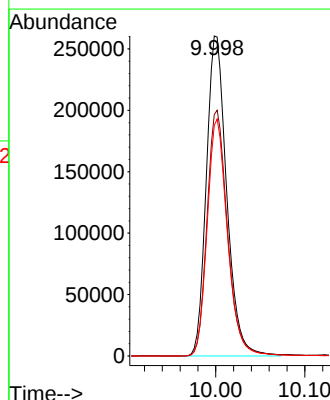
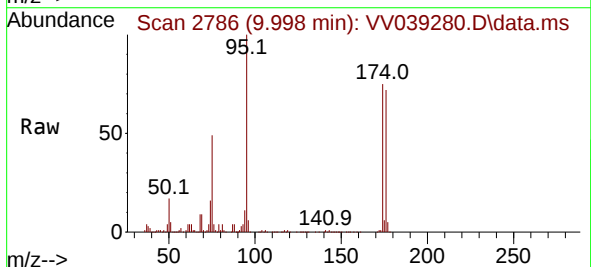
Tgt Ion: 95 Resp: 412837

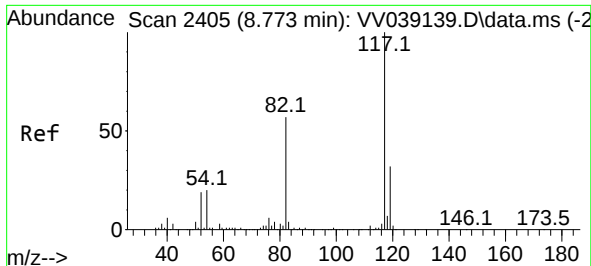
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

176 73.6 0.0 144.2

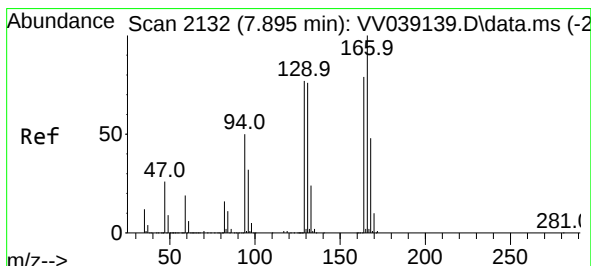
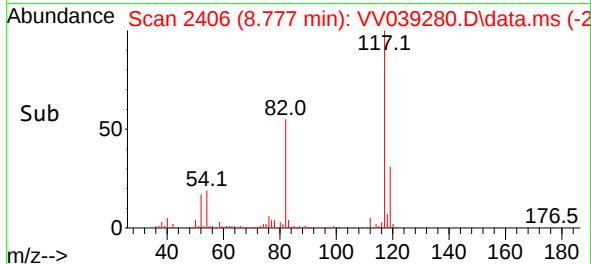
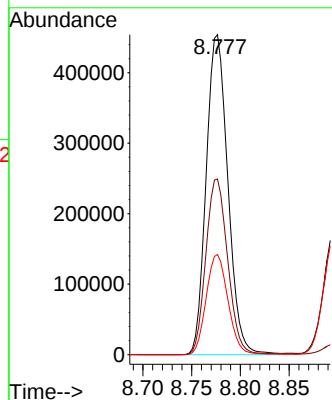
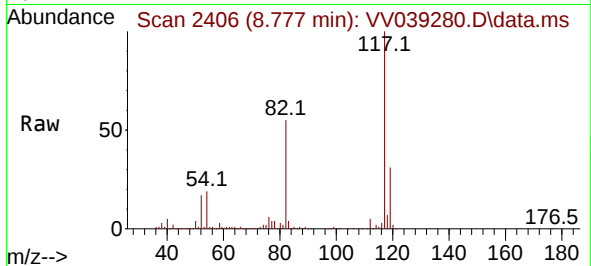




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 2405
Delta R.T. 0.004 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

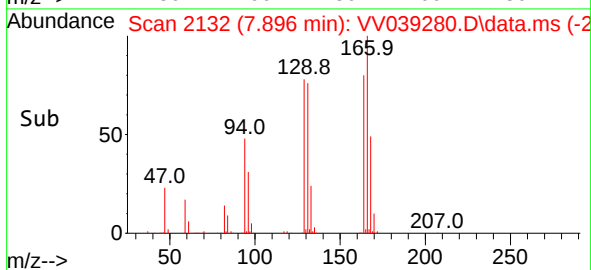
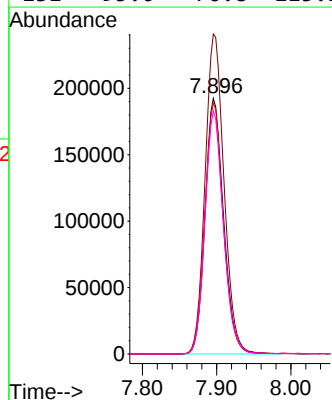
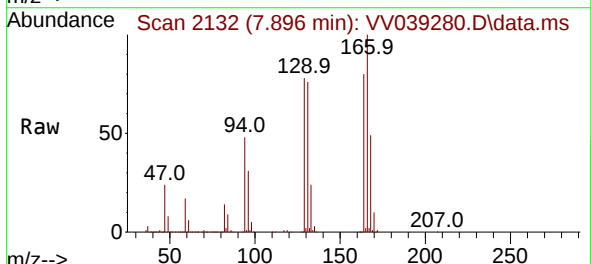
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

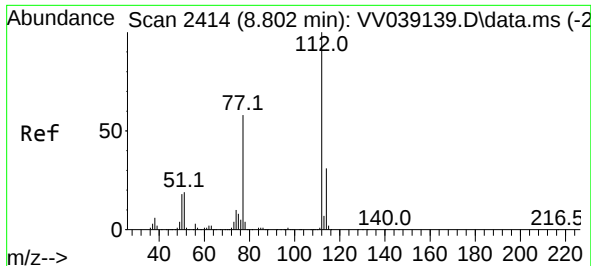
Tgt Ion:117 Resp: 702061
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 56.549 ug/l
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion:164 Resp: 332528
Ion Ratio Lower Upper
164 100
166 125.2 101.6 152.4
129 98.1 78.5 117.7
131 95.0 76.8 115.2

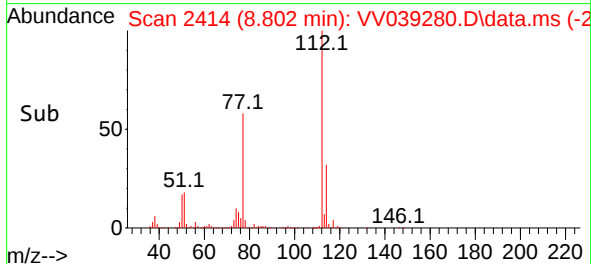
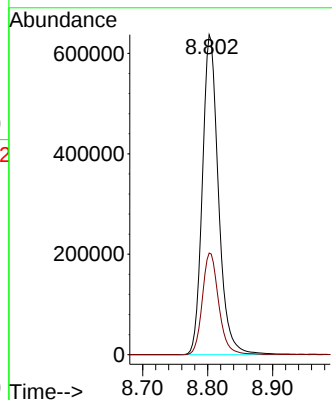
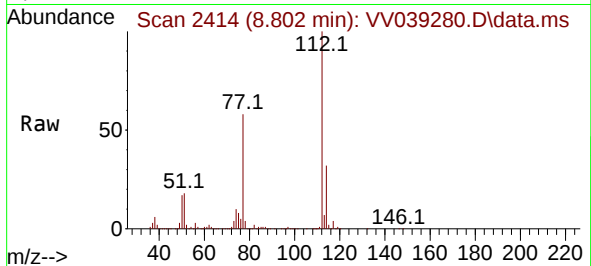




#65
Chlorobenzene
Concen: 56.179 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

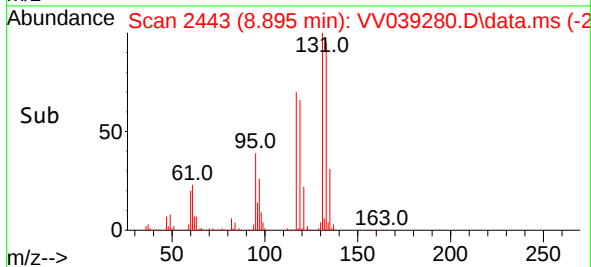
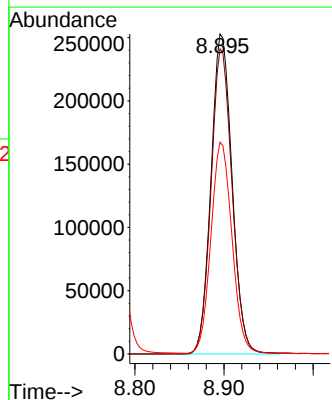
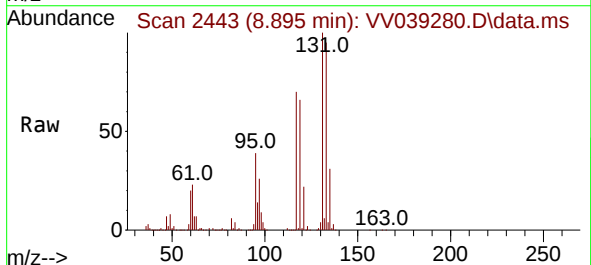
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

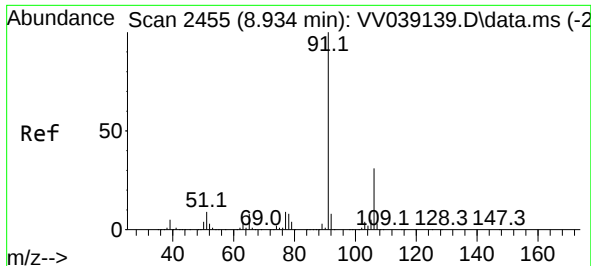
Tgt Ion:112 Resp: 1098609
Ion Ratio Lower Upper
112 100
114 31.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 58.674 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion:131 Resp: 414588
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 66.3 33.3 99.8

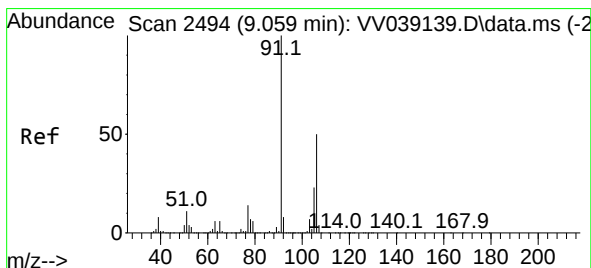
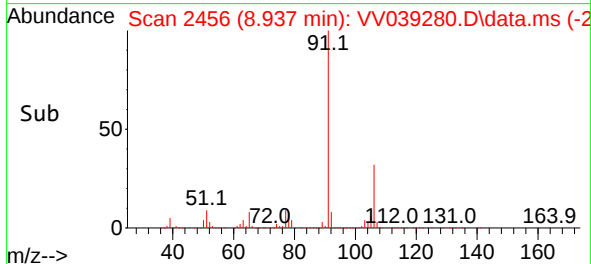
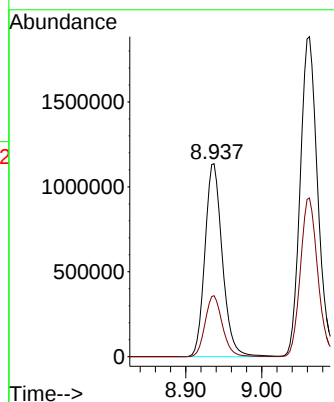
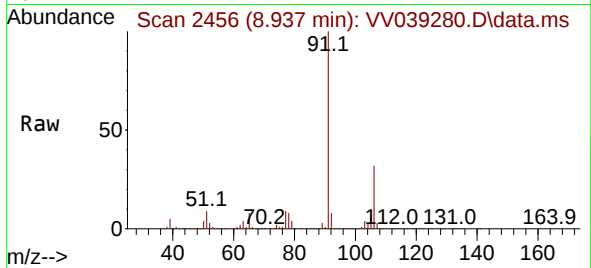




#67
Ethyl Benzene
Concen: 61.145 ug/l
RT: 8.937 min Scan# 2455
Delta R.T. 0.003 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

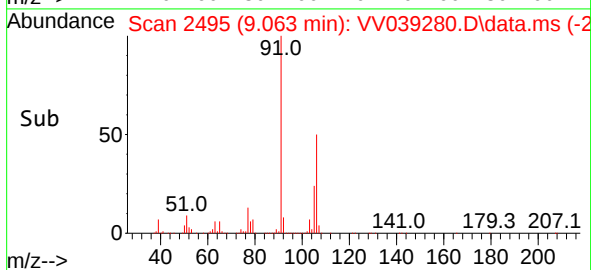
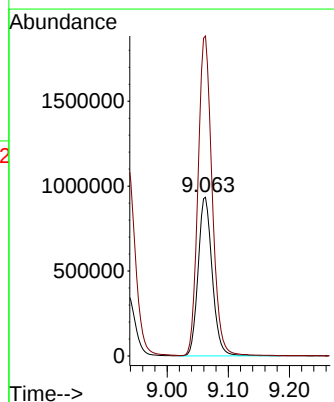
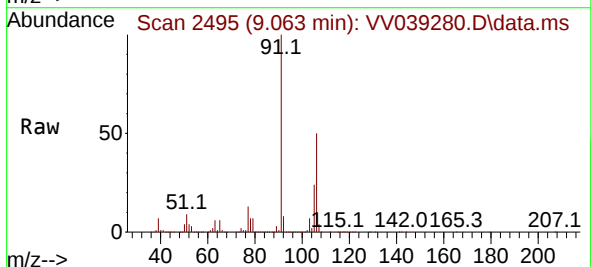
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

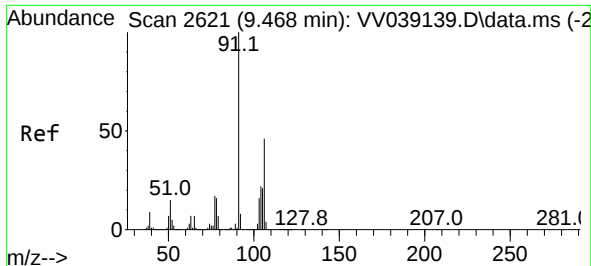
Tgt Ion: 91 Resp: 1809994
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 130.602 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 106 Resp: 1492133
Ion Ratio Lower Upper
106 100
91 202.0 162.5 243.7

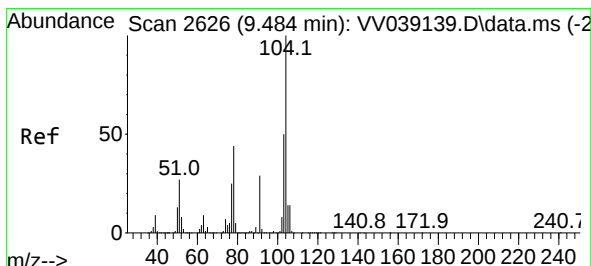
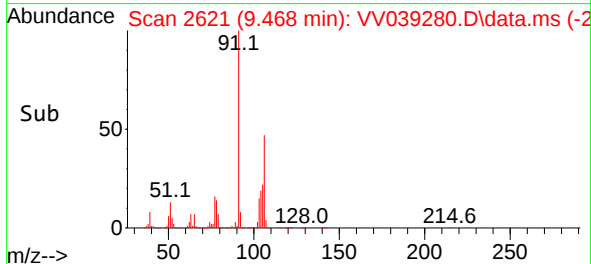
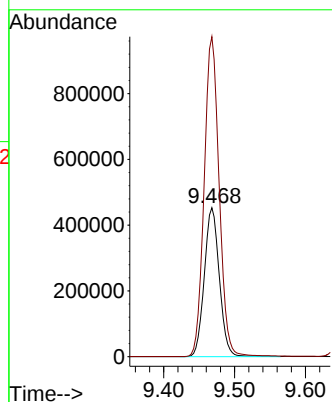
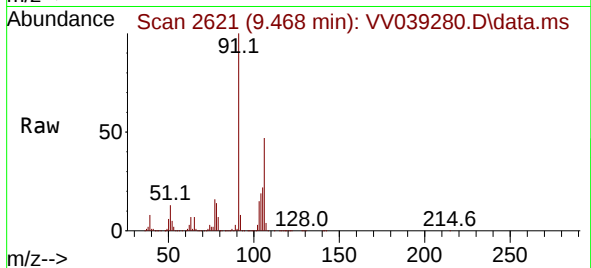




#69
o-Xylene
Concen: 65.834 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

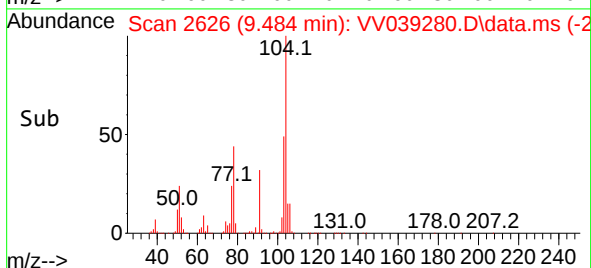
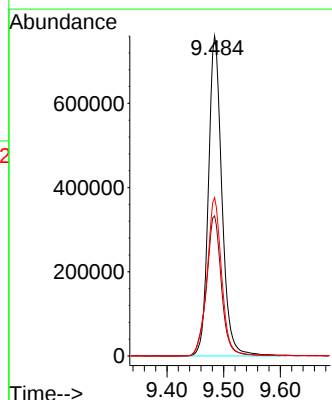
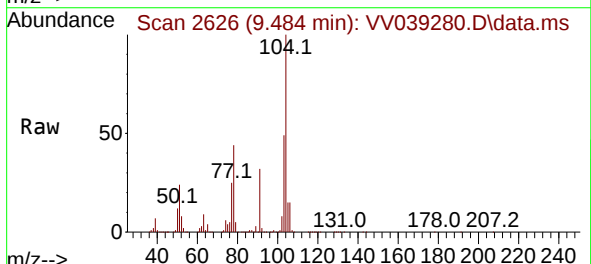
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

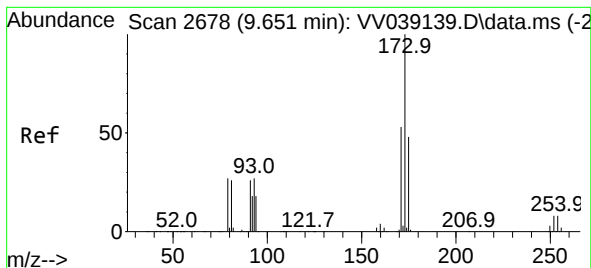
Tgt Ion:106 Resp: 665983
Ion Ratio Lower Upper
106 100
91 215.0 109.1 327.3



#70
Styrene
Concen: 58.613 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion:104 Resp: 1260425
Ion Ratio Lower Upper
104 100
78 48.4 39.8 59.6
103 53.9 43.4 65.2





#71

Bromoform

Concen: 63.234 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

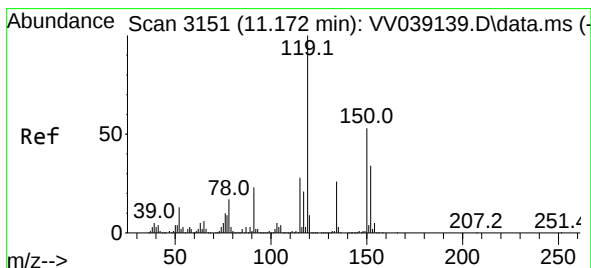
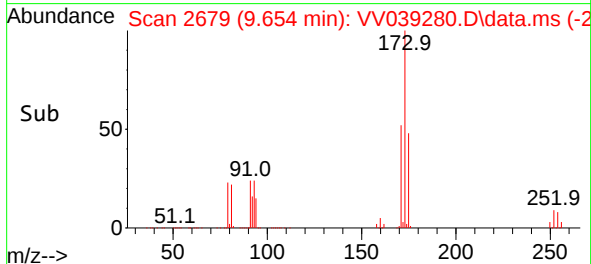
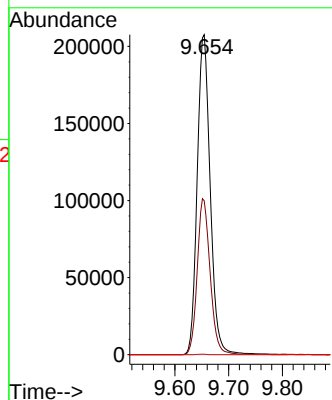
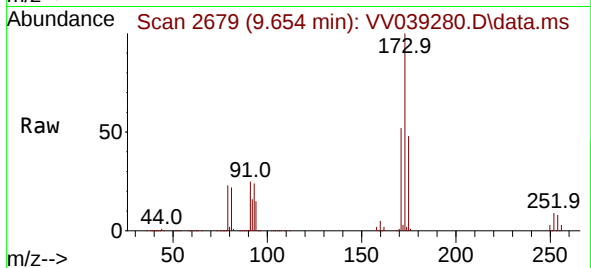
Tgt Ion:173 Resp: 349007

Ion Ratio Lower Upper

173 100

175 48.2 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: VV039280.D

Acq: 06 Oct 2025 17:40

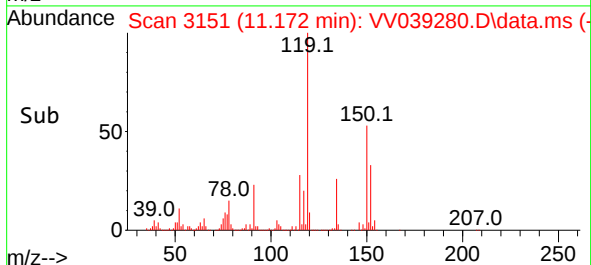
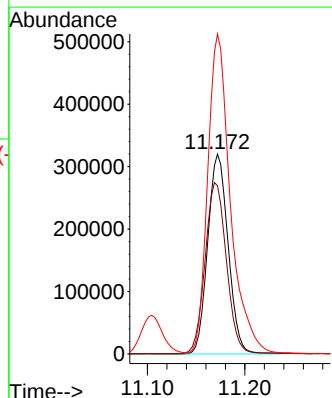
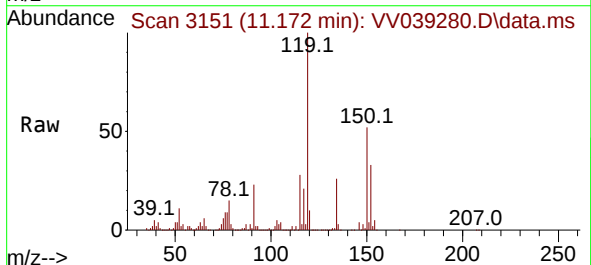
Tgt Ion:152 Resp: 464820

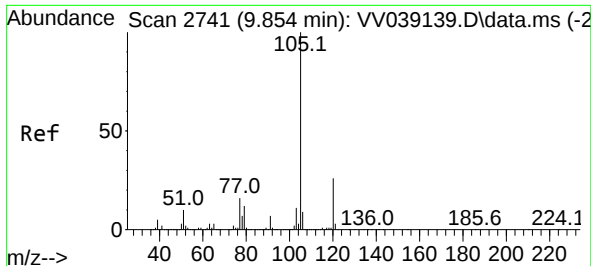
Ion Ratio Lower Upper

152 100

115 89.4 44.8 134.4

150 178.8 0.0 353.8

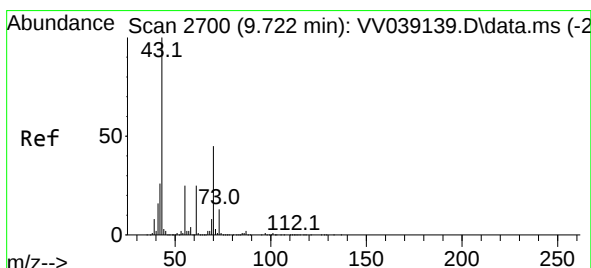
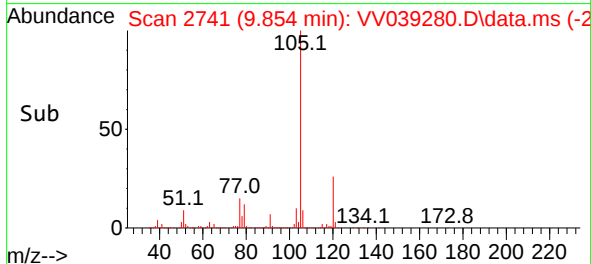
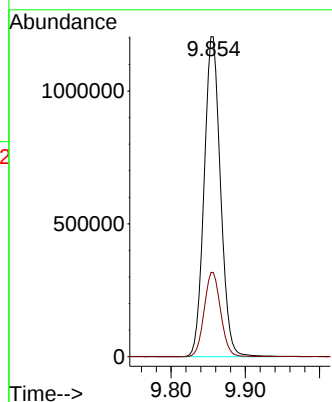
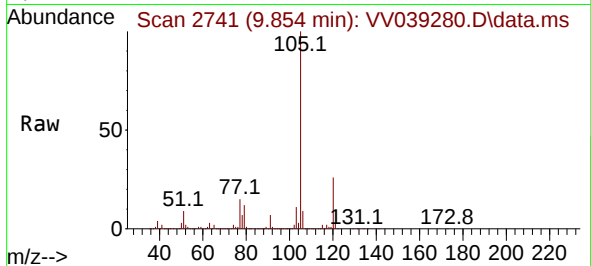




#73
Isopropylbenzene
Concen: 54.678 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

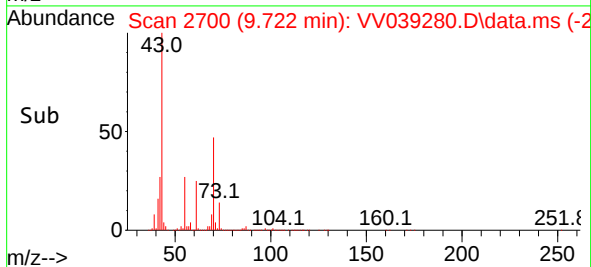
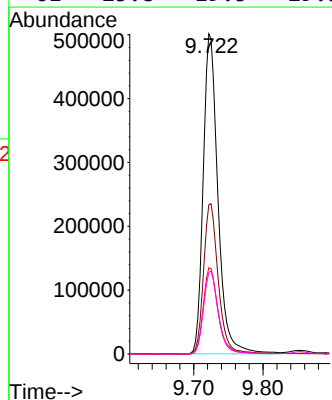
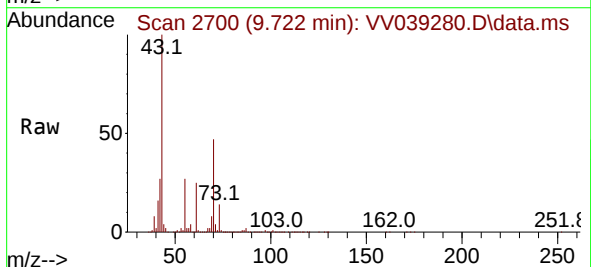
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

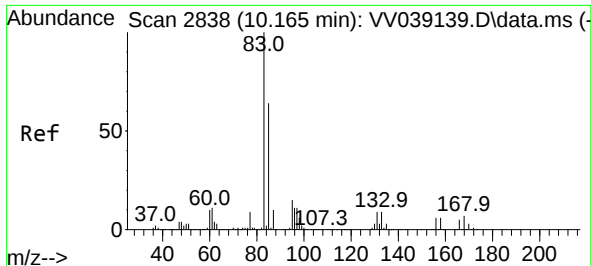
Tgt Ion:105 Resp: 1843402
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 54.909 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 43 Resp: 738404
Ion Ratio Lower Upper
43 100
70 47.0 35.4 53.0
55 27.6 20.6 30.8
61 25.8 19.5 29.3

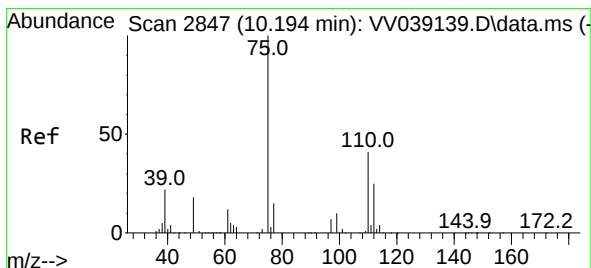
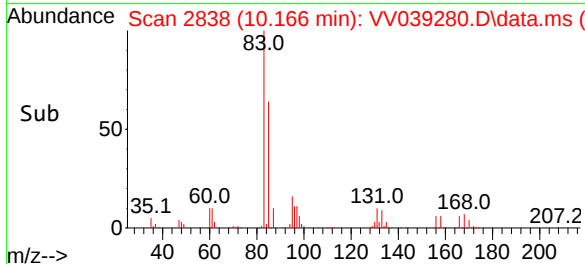
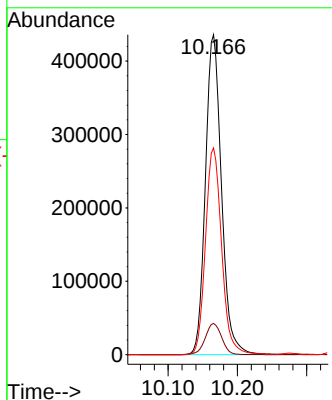
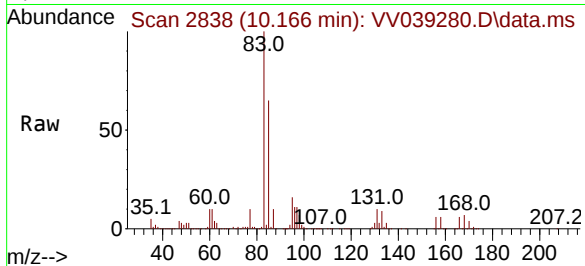




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.412 ug/l
 RT: 10.166 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

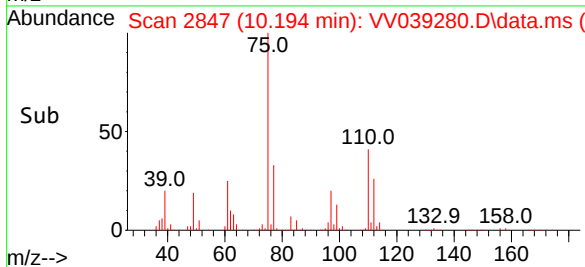
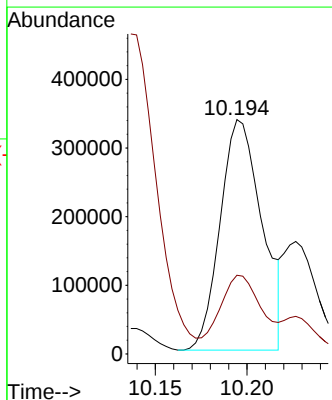
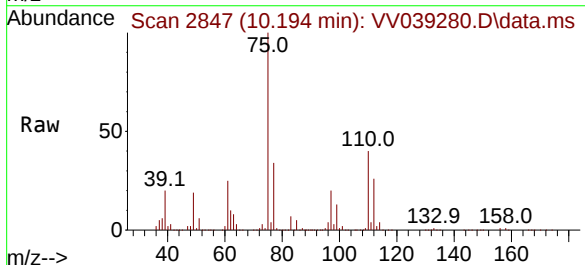
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

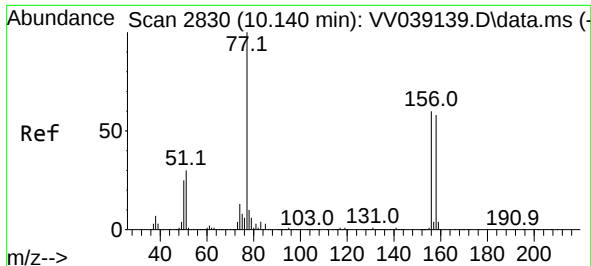
Tgt Ion: 83 Resp: 700355
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.5 13.7
 85 65.0 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 50.483 ug/l
 RT: 10.194 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

Tgt Ion: 75 Resp: 534276
 Ion Ratio Lower Upper
 75 100
 77 24.0 11.3 33.8

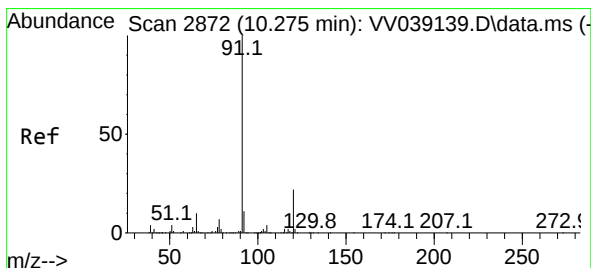
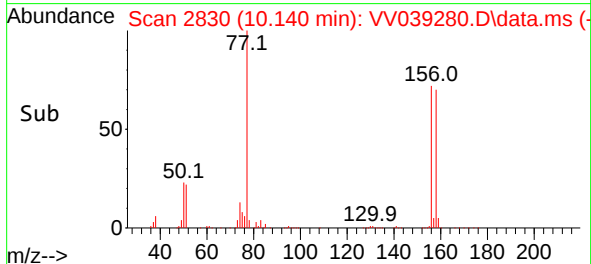
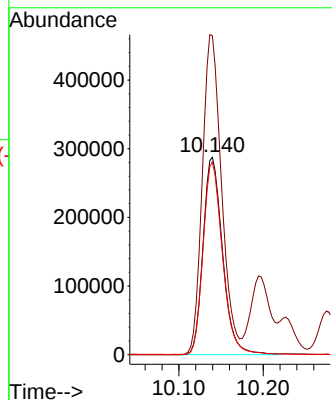
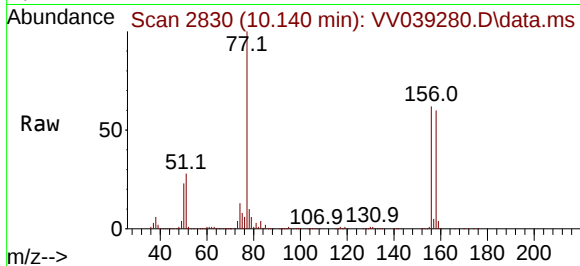




#77
Bromobenzene
Concen: 53.199 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

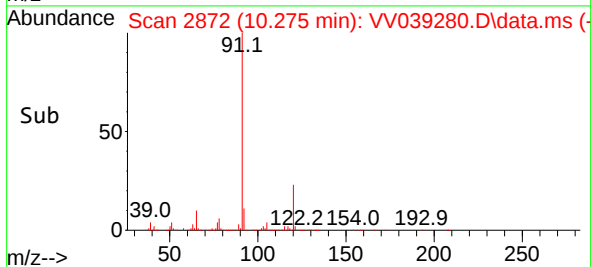
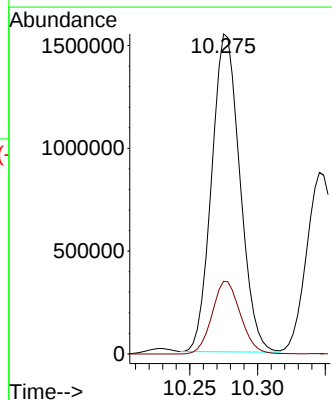
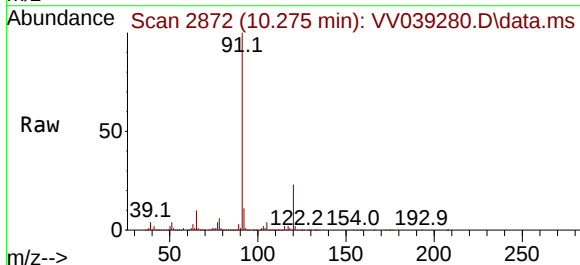
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

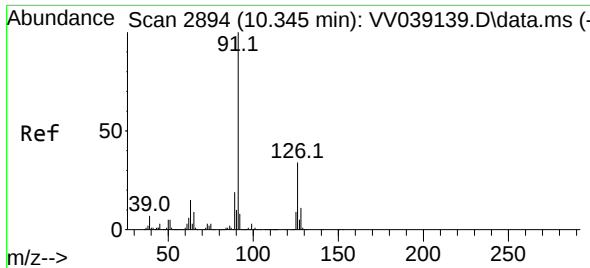
Tgt Ion:156 Resp: 465323
Ion Ratio Lower Upper
156 100
77 158.7 83.4 250.1
158 96.5 48.8 146.4



#78
n-propylbenzene
Concen: 54.554 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 91 Resp: 2239723
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.3

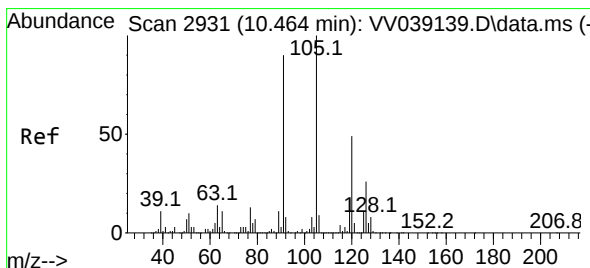
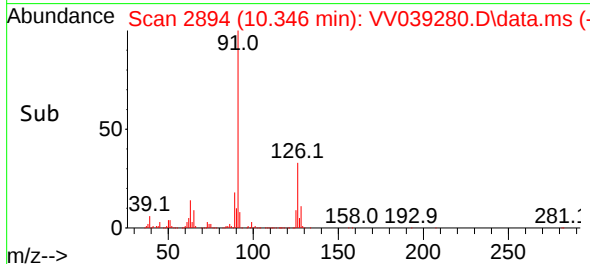
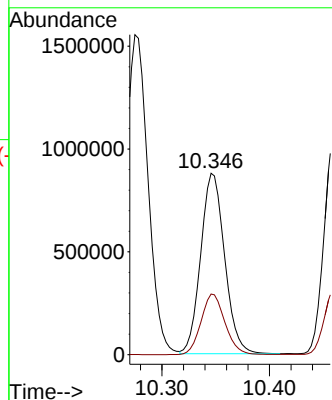
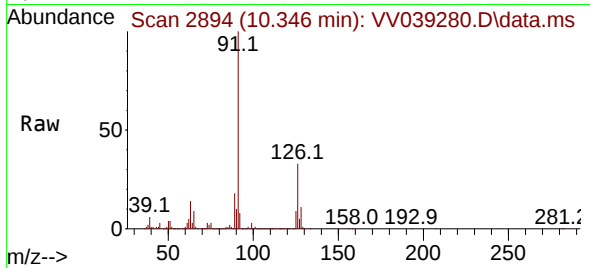




#79
2-Chlorotoluene
Concen: 55.286 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

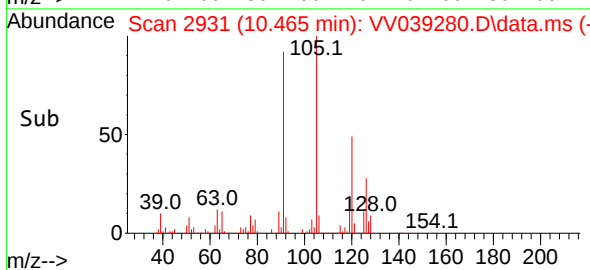
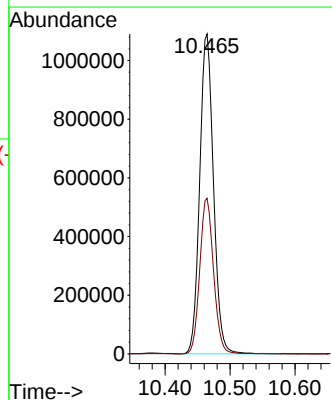
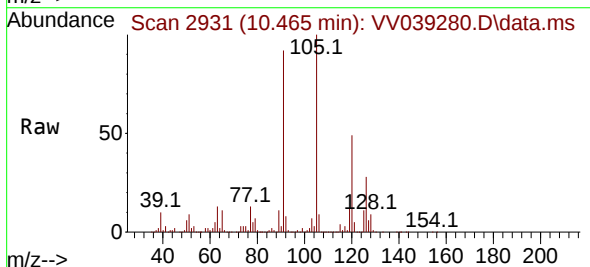
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

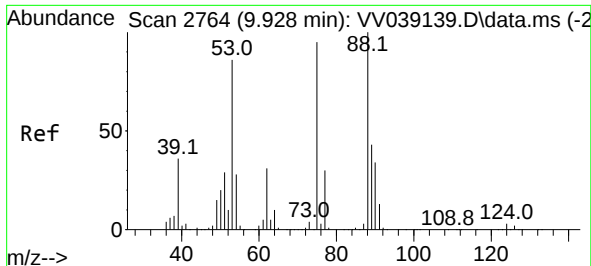
Tgt Ion: 91 Resp: 1358168
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 57.485 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 105 Resp: 1610850
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

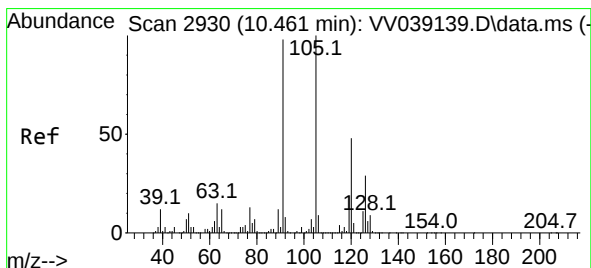
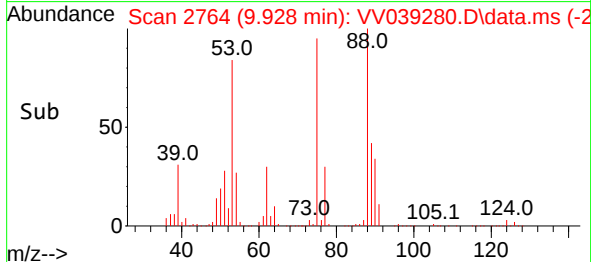
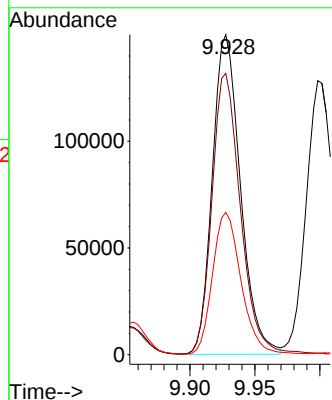
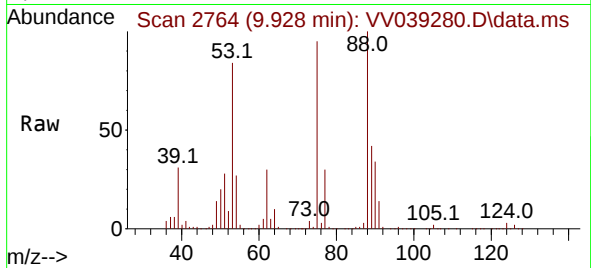




#81
trans-1,4-Dichloro-2-butene
Concen: 51.063 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

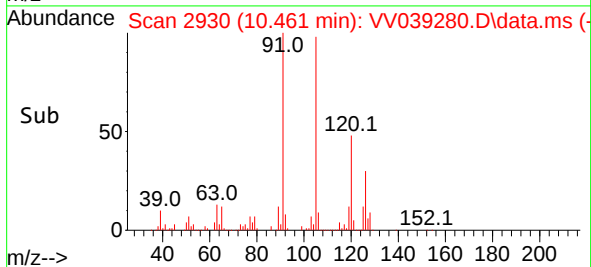
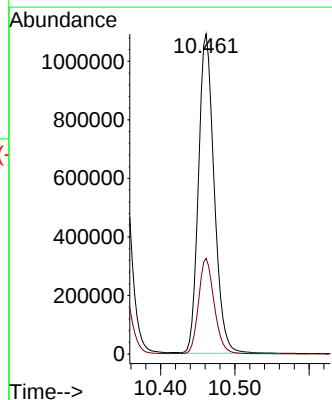
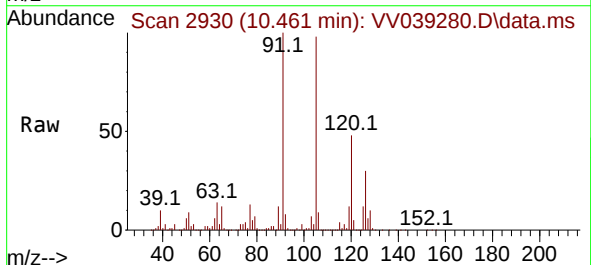
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 225107
Ion Ratio Lower Upper
75 100
53 88.7 72.5 108.7
89 45.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 56.287 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039280.D
Acq: 06 Oct 2025 17:40

Tgt Ion: 91 Resp: 1603394
Ion Ratio Lower Upper
91 100
126 30.0 14.5 43.6





#83

tert-Butylbenzene

Concen: 54.248 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

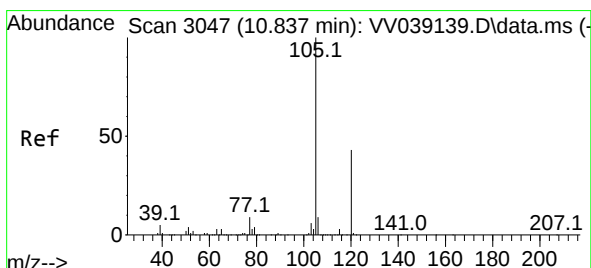
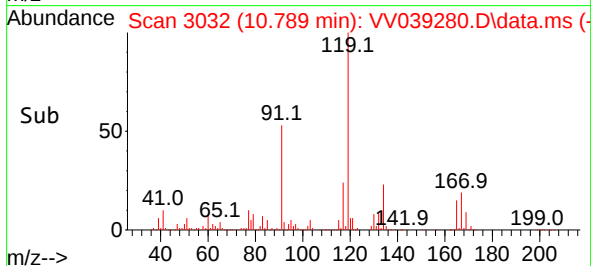
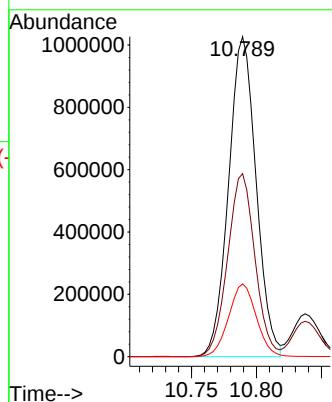
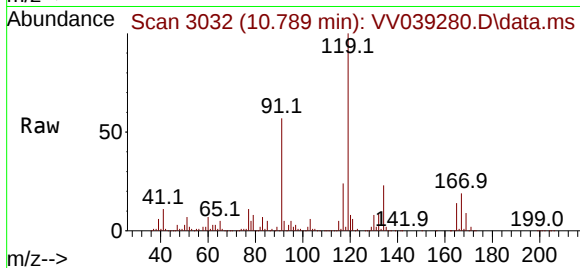
Tgt Ion:119 Resp: 1515819

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.6

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 58.709 ug/l

RT: 10.838 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039280.D

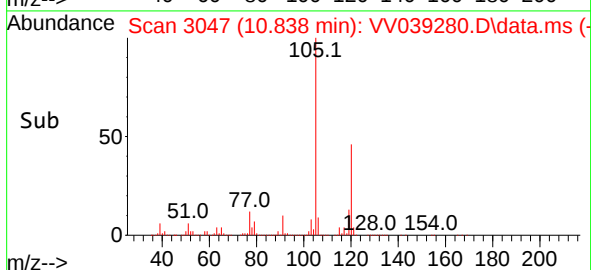
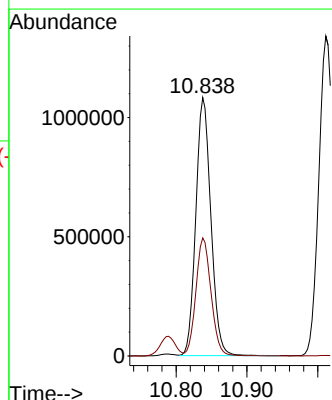
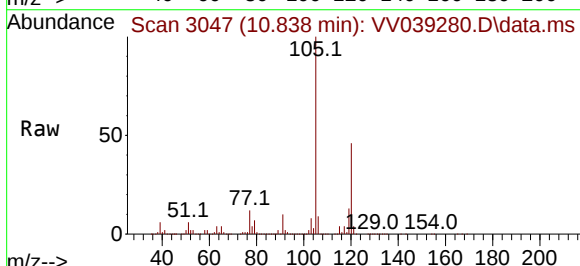
Acq: 06 Oct 2025 17:40

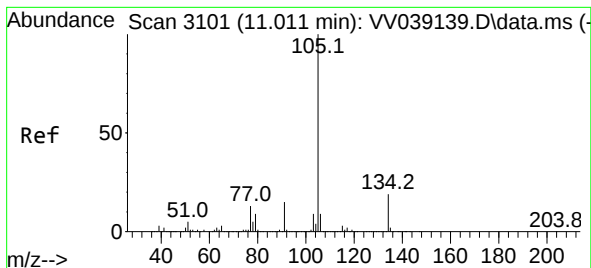
Tgt Ion:105 Resp: 1597202

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 53.326 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

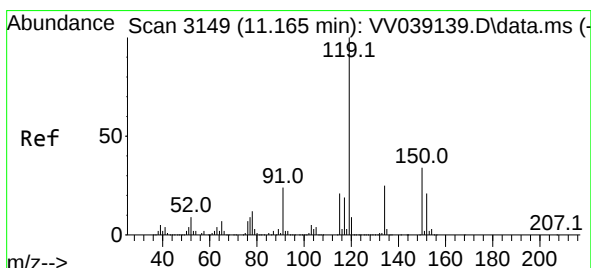
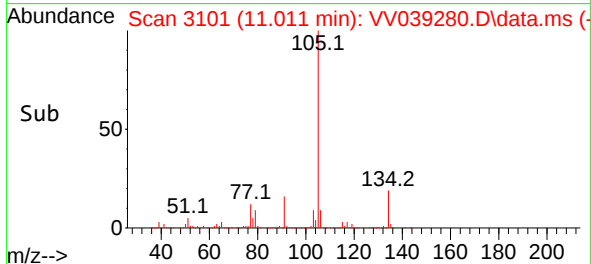
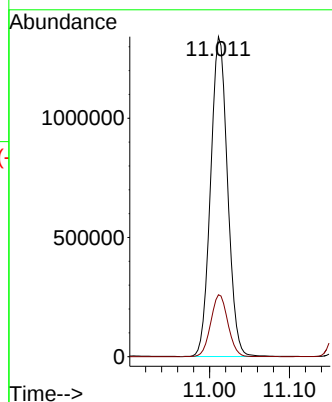
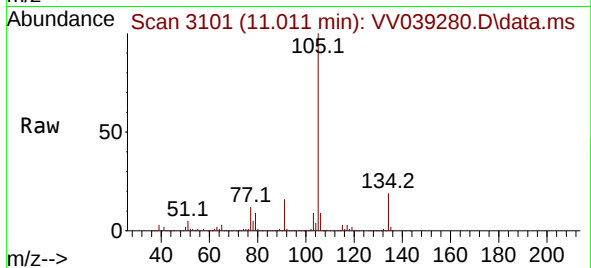
VSTDCCC050EC

Tgt Ion:105 Resp: 1976368

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 54.772 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

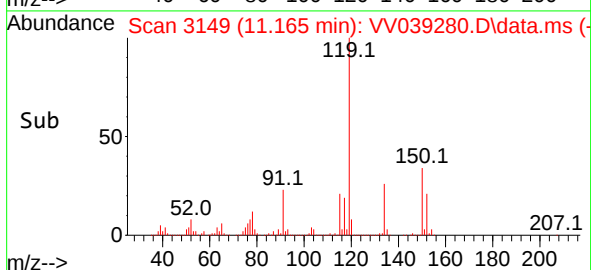
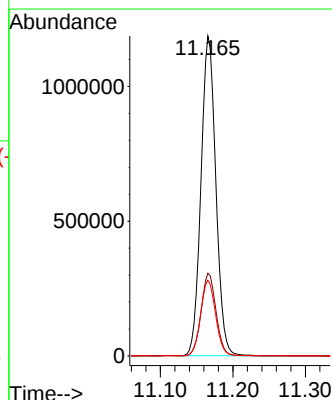
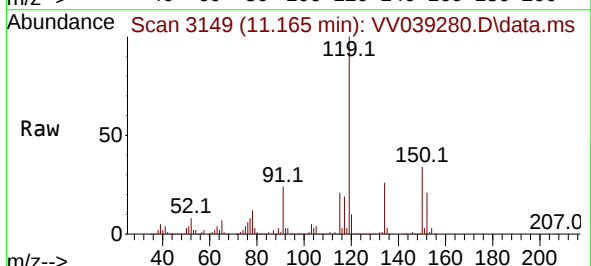
Tgt Ion:119 Resp: 1689565

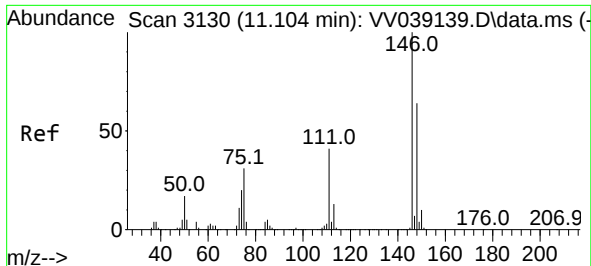
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 23.8 12.0 36.1

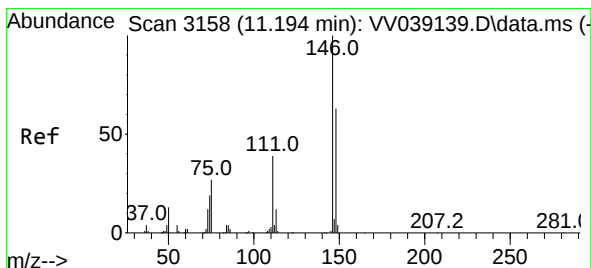
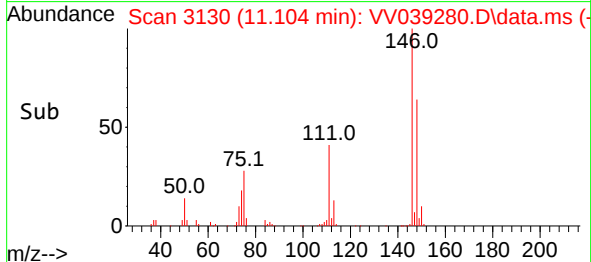
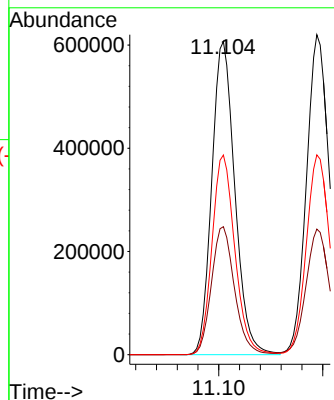
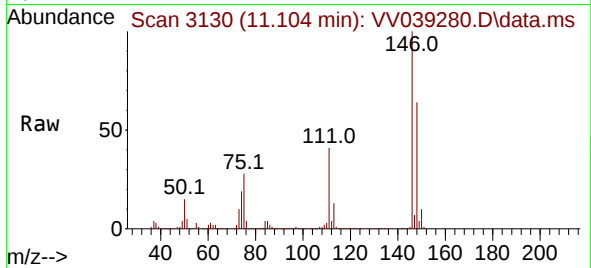




#87
 1,3-Dichlorobenzene
 Concen: 52.833 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

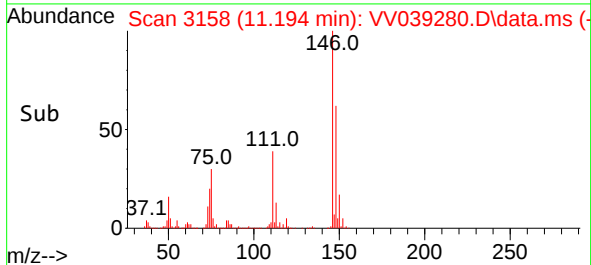
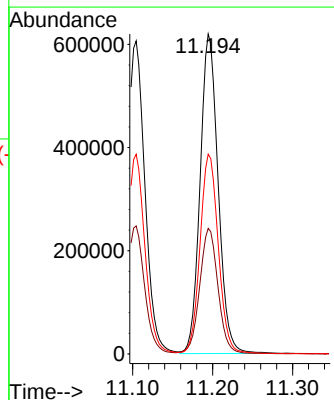
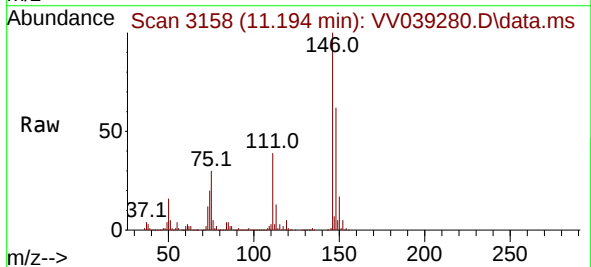
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

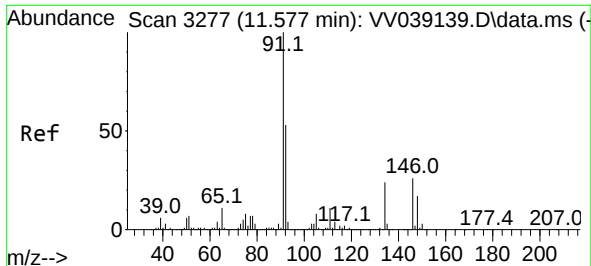
Tgt Ion:146 Resp: 935271
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.9 62.8
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.039 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VV039280.D
 Acq: 06 Oct 2025 17:40

Tgt Ion:146 Resp: 971819
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 63.6 31.4 94.2





#89

n-Butylbenzene

Concen: 53.701 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

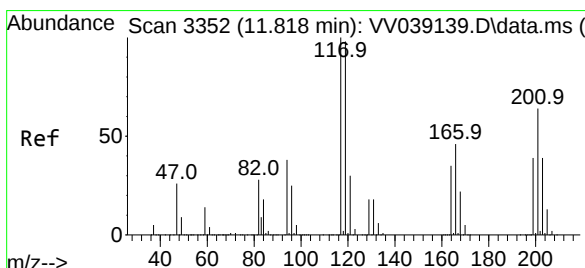
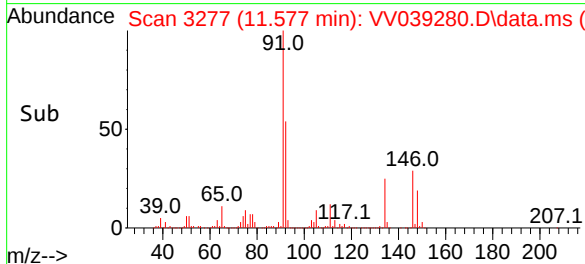
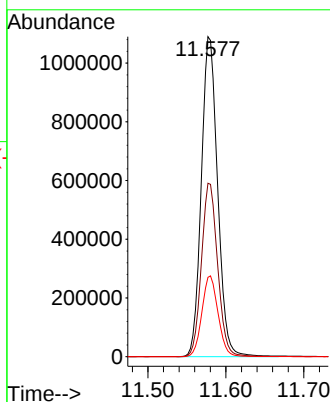
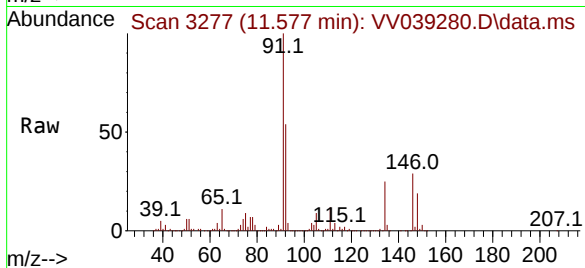
Tgt Ion: 91 Resp: 1582057

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.8

134 25.1 12.1 36.3



#90

Hexachloroethane

Concen: 45.757 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039280.D

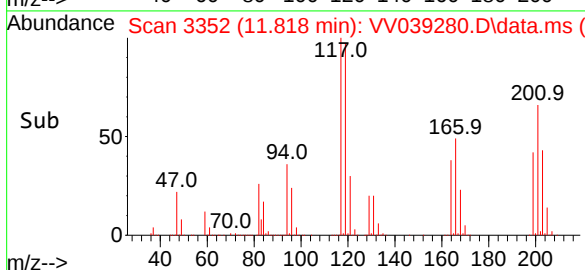
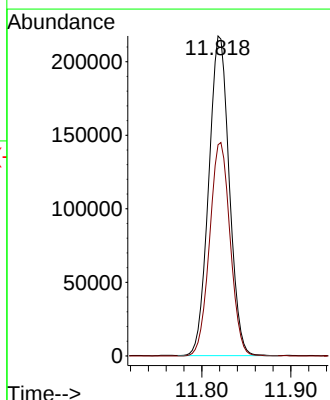
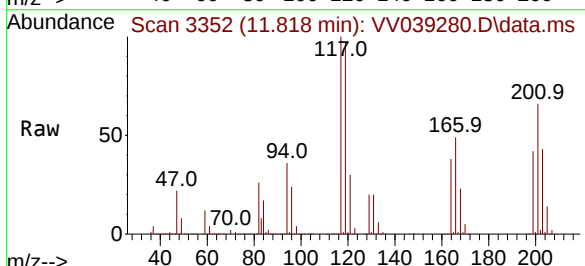
Acq: 06 Oct 2025 17:40

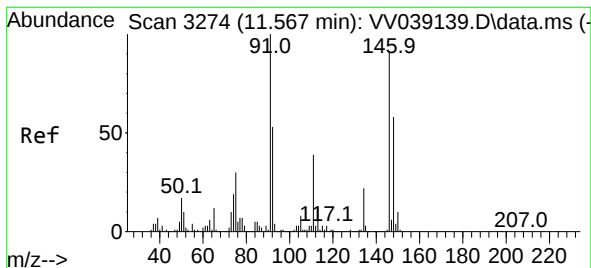
Tgt Ion:117 Resp: 347576

Ion Ratio Lower Upper

117 100

201 66.9 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 52.773 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

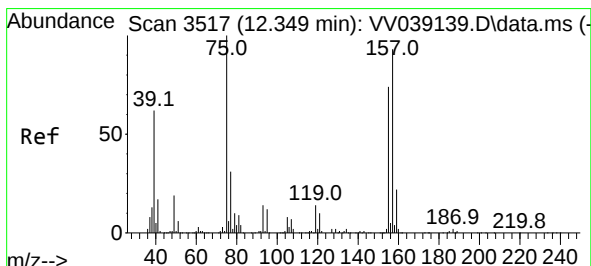
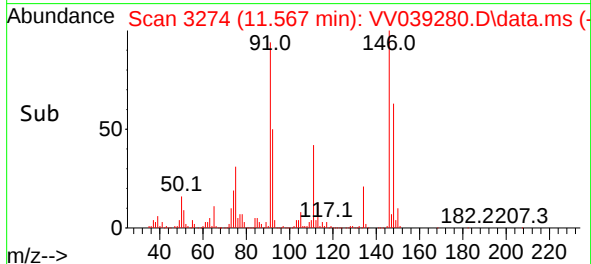
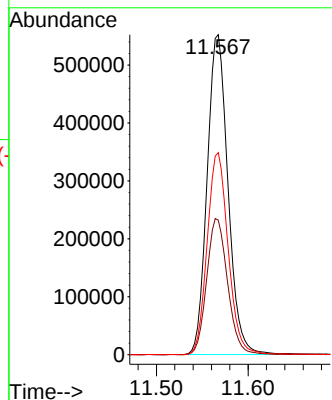
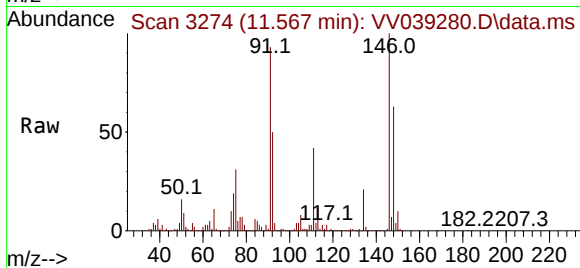
Tgt Ion:146 Resp: 872812

Ion Ratio Lower Upper

146 100

111 42.7 21.5 64.5

148 63.4 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.673 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

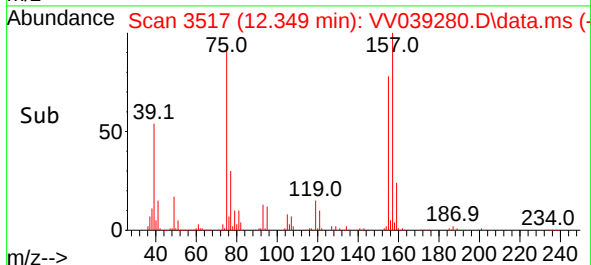
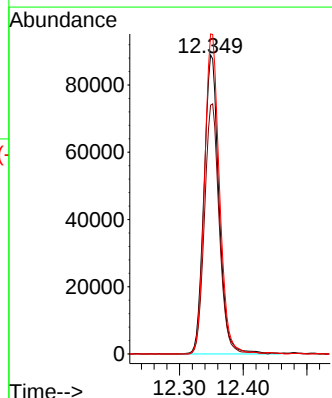
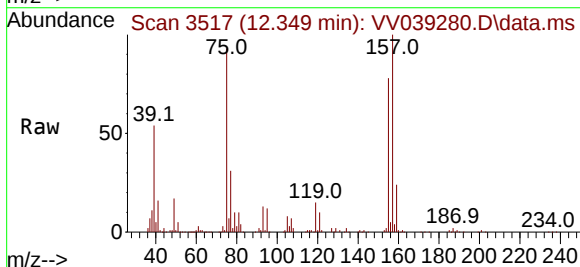
Tgt Ion: 75 Resp: 145953

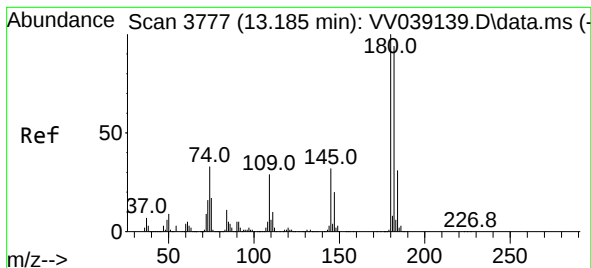
Ion Ratio Lower Upper

75 100

155 82.0 38.6 115.8

157 105.8 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 55.138 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

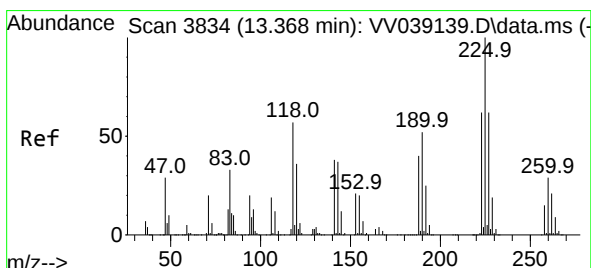
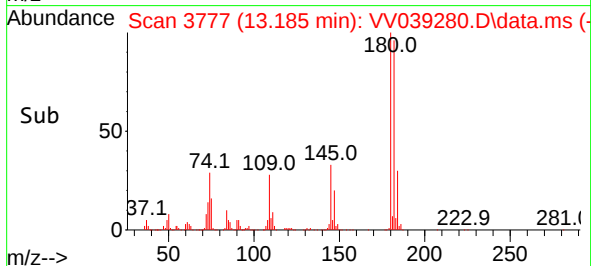
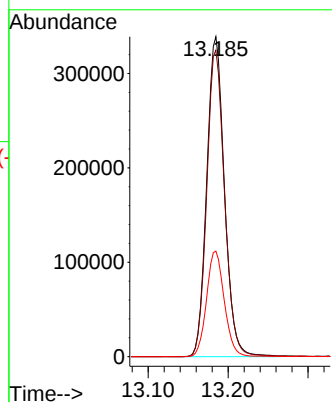
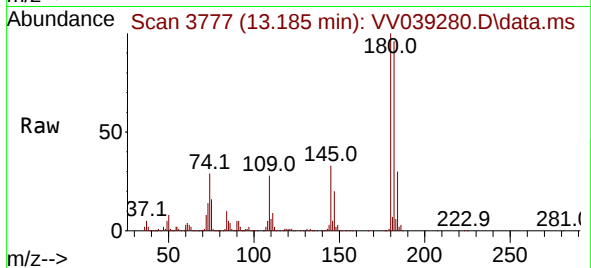
Tgt Ion:180 Resp: 522752

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.4

145 33.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 46.571 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

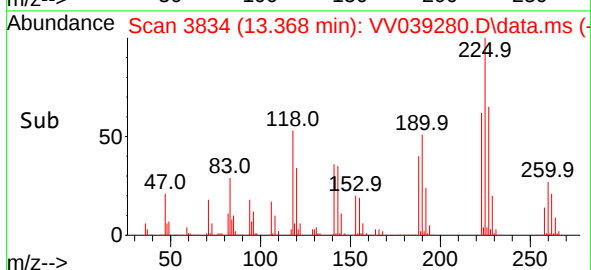
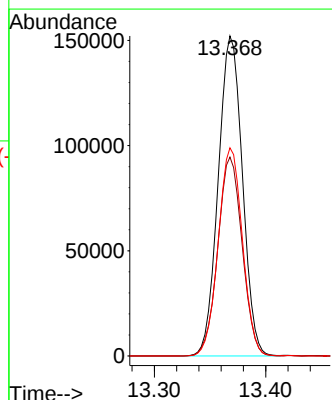
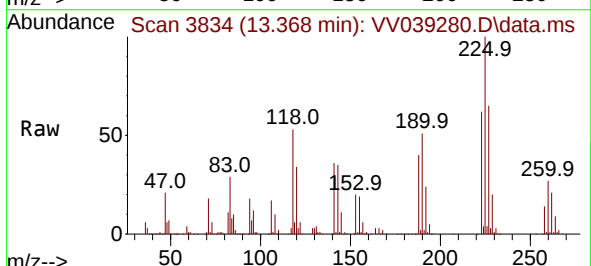
Tgt Ion:225 Resp: 229420

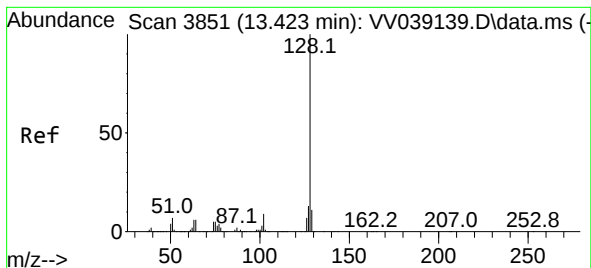
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.7

227 65.0 31.8 95.4





#95

Naphthalene

Concen: 61.739 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

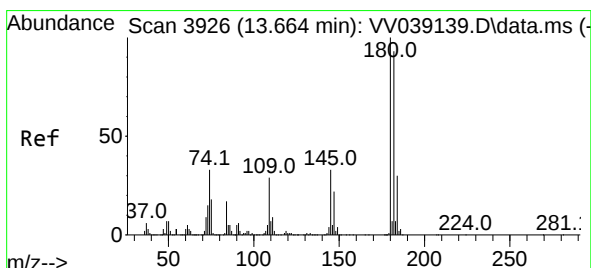
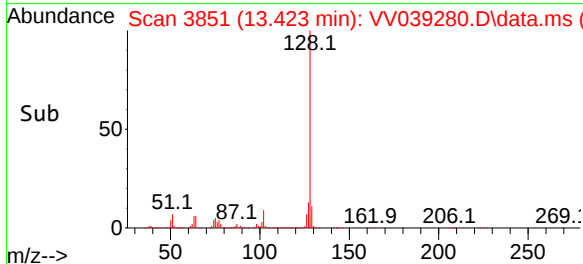
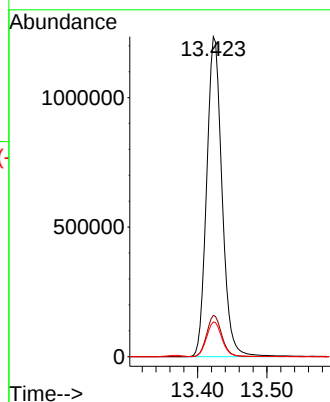
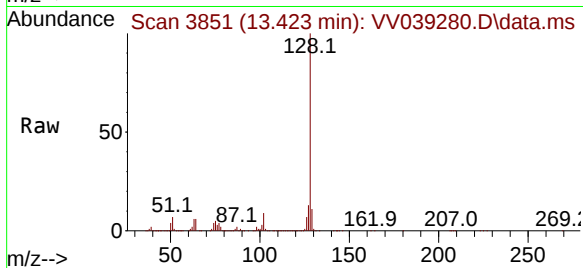
Tgt Ion:128 Resp: 1891893

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.063 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039280.D

Acq: 06 Oct 2025 17:40

Tgt Ion:180 Resp: 543615

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.8

145 34.9 17.0 51.0

