

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039332.D
 Acq On : 05 Nov 2025 13:17
 Operator : SY/MD
 Sample : VV1105WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 00:13:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	690271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1108460	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1064992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	609759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	510203	52.017	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 104.040%	
35) Dibromofluoromethane	4.500	113	449490	51.465	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.940%	
50) Toluene-d8	7.233	98	1597836	53.777	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	9.998	95	572225	54.077	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 108.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	146220	16.760	ug/l	99
3) Chloromethane	1.230	50	159751	17.587	ug/l	99
4) Vinyl Chloride	1.298	62	185810	17.931	ug/l	100
5) Bromomethane	1.500	94	120570	17.932	ug/l	99
6) Chloroethane	1.561	64	129893	21.418	ug/l	97
7) Trichlorofluoromethane	1.725	101	291748	18.429	ug/l	99
8) Diethyl Ether	1.918	74	108799	19.018	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	181308	19.127	ug/l	98
10) Methyl Iodide	2.198	142	149055	18.251	ug/l	99
11) Tert butyl alcohol	2.565	59	166736	87.718	ug/l	100
12) 1,1-Dichloroethene	2.085	96	167515	17.998	ug/l	99
13) Acrolein	2.011	56	60142	49.139	ug/l	92
14) Allyl chloride	2.359	41	274082	18.576	ug/l	99
15) Acrylonitrile	2.674	53	527167	93.519	ug/l	99
16) Acetone	2.118	43	509330	105.816	ug/l	99
17) Carbon Disulfide	2.253	76	477677	18.170	ug/l	100
18) Methyl Acetate	2.381	43	216186	17.009	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	556630	19.869	ug/l	99
20) Methylene Chloride	2.458	84	198518	21.545	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	182287	18.601	ug/l	97
22) Diisopropyl ether	3.214	45	550110	20.767	ug/l #	74
23) Vinyl Acetate	3.188	43	2413916	103.799	ug/l	99
24) 1,1-Dichloroethane	3.121	63	338212	19.057	ug/l	100
25) 2-Butanone	3.867	43	600600	100.127	ug/l	98
26) 2,2-Dichloropropane	3.812	77	278230	19.465	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	195363	19.910	ug/l	99
28) Bromochloromethane	4.146	49	150914	19.946	ug/l	99
29) Tetrahydrofuran	4.237	42	379687	98.999	ug/l	98
30) Chloroform	4.278	83	348726	19.269	ug/l	98
31) Cyclohexane	4.584	56	261404	20.223	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	302005	19.086	ug/l	100
36) 1,1-Dichloropropene	4.748	75	215914	19.683	ug/l	98
37) Ethyl Acetate	3.979	43	244819	19.063	ug/l	96
38) Carbon Tetrachloride	4.735	117	261566	19.572	ug/l	97
39) Methylcyclohexane	6.047	83	244575	19.508	ug/l	98
40) Benzene	5.011	78	703684	19.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	98163	18.958	ug/l	95
42) 1,2-Dichloroethane	5.040	62	238922	19.340	ug/l	100
43) Isopropyl Acetate	5.195	43	341886	20.334	ug/l	100
44) Trichloroethene	5.835	130	172679	19.508	ug/l	99
45) 1,2-Dichloropropane	6.092	63	178359	20.823	ug/l	100
46) Dibromomethane	6.227	93	139548	19.492	ug/l	99
47) Bromodichloromethane	6.426	83	275844	19.554	ug/l	99
48) Methyl methacrylate	6.298	41	146512	18.810	ug/l	97
49) 1,4-Dioxane	6.291	88	52005	401.352	ug/l	93
51) 4-Methyl-2-Pentanone	7.146	43	1223731	104.909	ug/l	97
52) Toluene	7.307	92	451768	21.256	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	255657	20.737	ug/l	100
54) cis-1,3-Dichloropropene	6.950	75	285977	20.864	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	194718	20.290	ug/l	99
56) Ethyl methacrylate	7.715	69	224114	20.612	ug/l	98
57) 1,3-Dichloropropane	7.934	76	297149	20.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	654835	104.624	ug/l	99
59) 2-Hexanone	8.063	43	904520	105.624	ug/l	96
60) Dibromochloromethane	8.166	129	224625	20.018	ug/l	99
61) 1,2-Dibromoethane	8.272	107	201318	20.146	ug/l	99
64) Tetrachloroethene	7.896	164	155960	20.075	ug/l	97
65) Chlorobenzene	8.802	112	505581	20.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	186681	19.768	ug/l	98
67) Ethyl Benzene	8.937	91	757371	20.394	ug/l	99
68) m/p-Xylenes	9.063	106	635807	43.166	ug/l	98
69) o-Xylene	9.468	106	277840	21.360	ug/l	99
70) Styrene	9.487	104	510503	22.057	ug/l	99
71) Bromoform	9.654	173	150752	19.740	ug/l #	99
73) Isopropylbenzene	9.854	105	778623	21.028	ug/l	100
74) N-amyl acetate	9.725	43	291290	19.092	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.166	83	307667	18.094	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	227760	18.715	ug/l	95
77) Bromobenzene	10.140	156	207064	20.342	ug/l	99
78) n-propylbenzene	10.278	91	934818	20.807	ug/l	100
79) 2-Chlorotoluene	10.346	91	590696	21.295	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	672243	21.647	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	92394	19.173	ug/l	99
82) 4-Chlorotoluene	10.461	91	686682	21.537	ug/l	99
83) tert-Butylbenzene	10.789	119	614811	19.938	ug/l	99
84) 1,2,4-Trimethylbenzene	10.838	105	659676	21.578	ug/l	100
85) sec-Butylbenzene	11.011	105	801575	20.560	ug/l	100
86) p-Isopropyltoluene	11.165	119	693353	20.684	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	407017	20.047	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	436065	19.191	ug/l	99
89) n-Butylbenzene	11.580	91	615426	19.714	ug/l	99
90) Hexachloroethane	11.818	117	152309	18.375	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	375694	19.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	60725	17.368	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	213606	19.831	ug/l	99
94) Hexachlorobutadiene	13.368	225	95038	17.424	ug/l	99
95) Naphthalene	13.426	128	669914	18.983	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	217871	19.461	ug/l	98

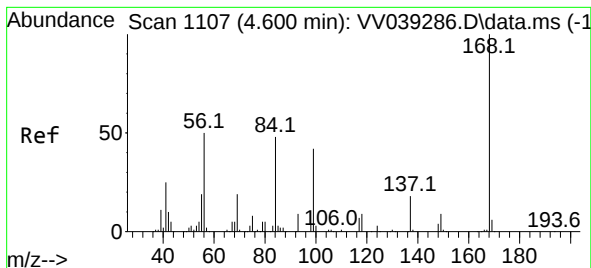
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

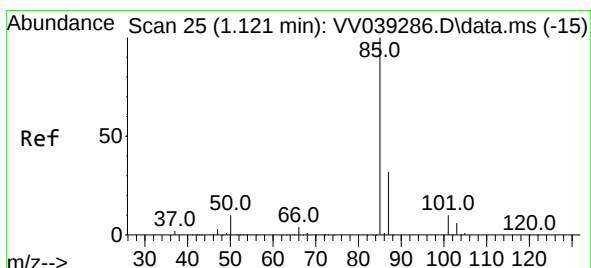
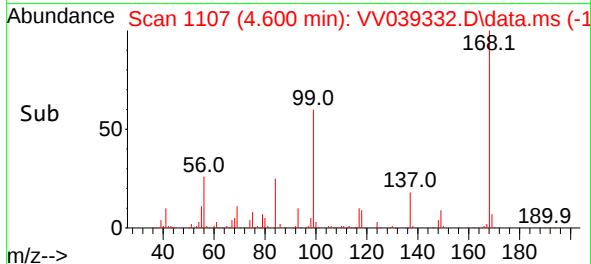
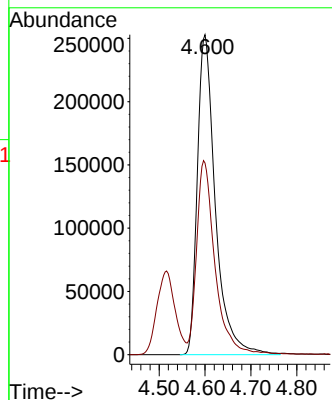
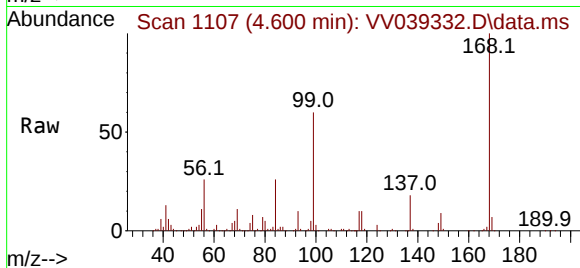
ClientSampleId :

Tgt Ion:168 Resp: 690271

Ion Ratio Lower Upper

168 100

99 59.5 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 16.760 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039332.D

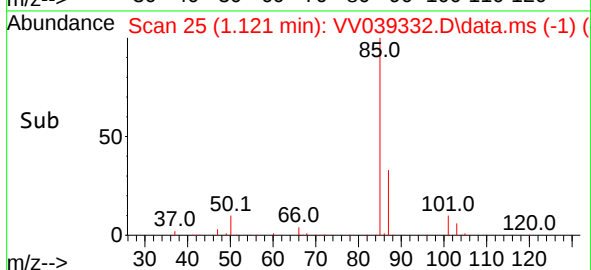
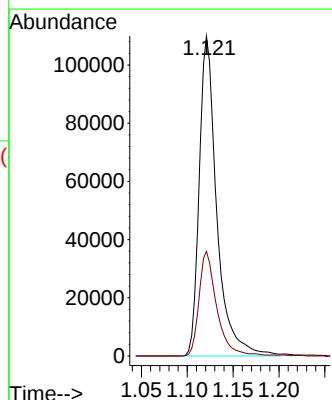
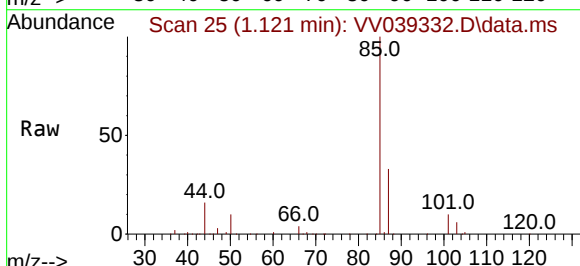
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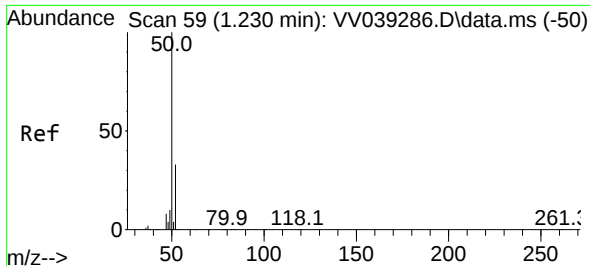
Tgt Ion: 85 Resp: 146220

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2

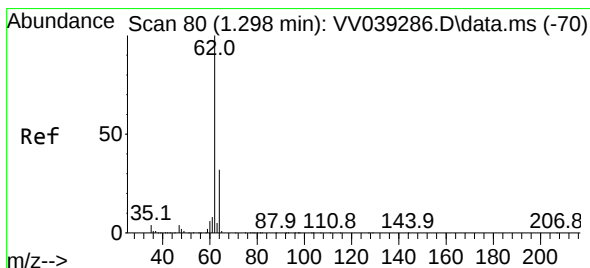
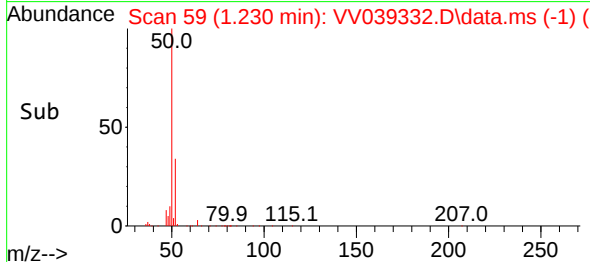
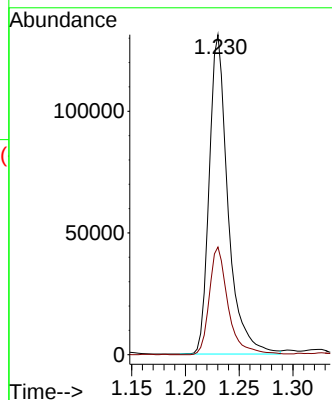
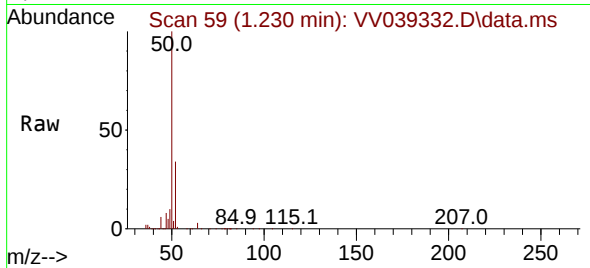




#3
Chloromethane
Concen: 17.587 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

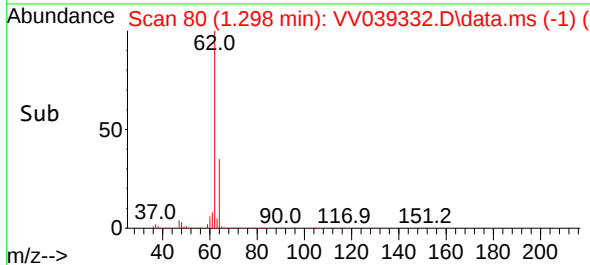
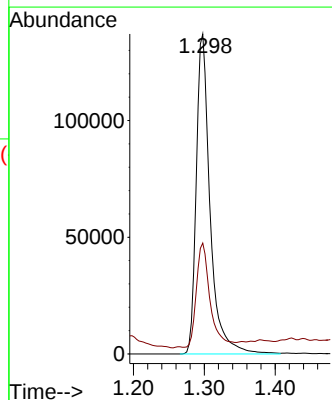
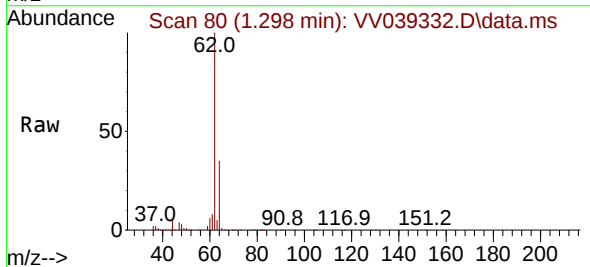
Instrument :
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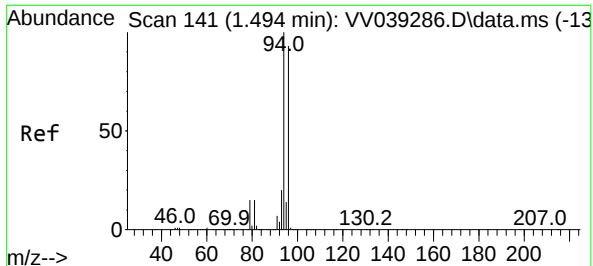
Tgt Ion: 50 Resp: 159751
Ion Ratio Lower Upper
50 100
52 33.7 26.6 39.8



#4
Vinyl Chloride
Concen: 17.931 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 62 Resp: 185810
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6

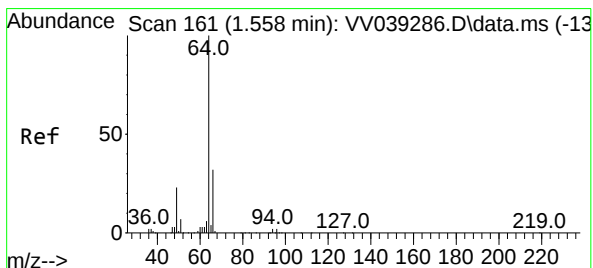
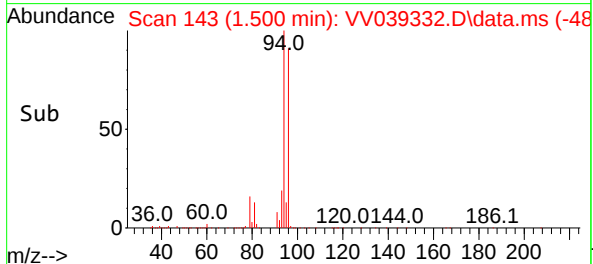
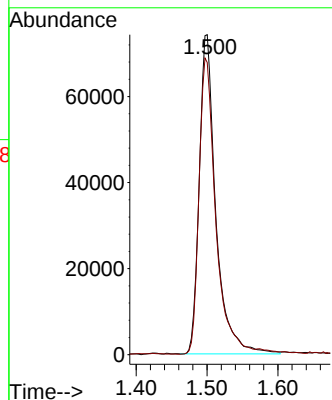
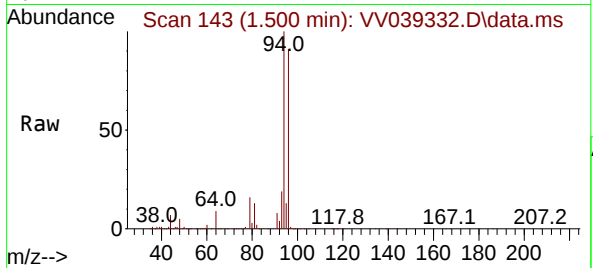




#5
Bromomethane
Concen: 17.932 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

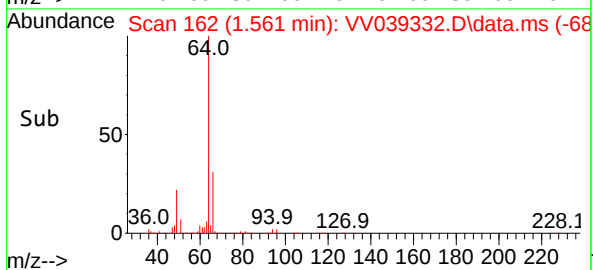
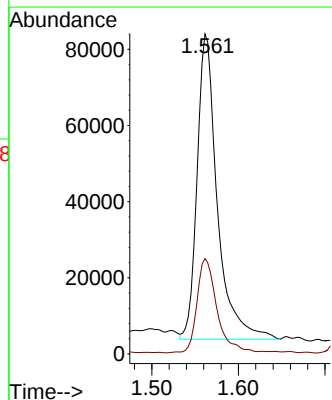
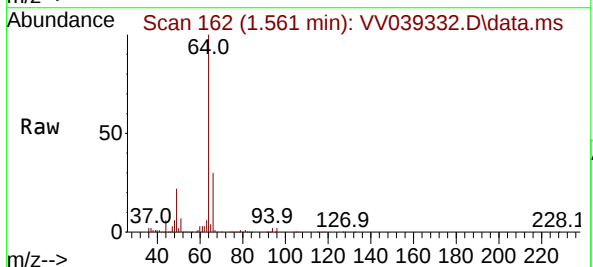
Instrument :
MSVOA_V
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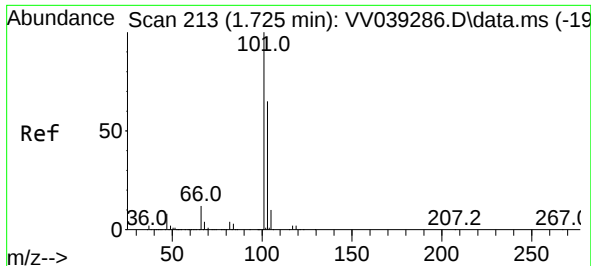
Tgt Ion: 94 Resp: 120570
Ion Ratio Lower Upper
94 100
96 91.4 74.2 111.2



#6
Chloroethane
Concen: 21.418 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 64 Resp: 129893
Ion Ratio Lower Upper
64 100
66 30.6 25.7 38.5

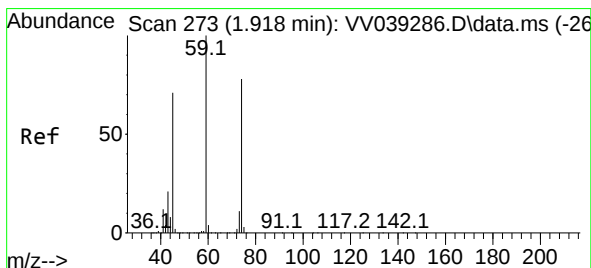
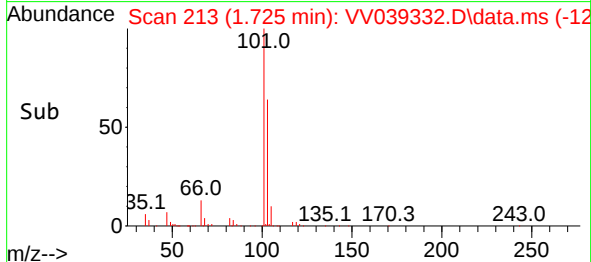
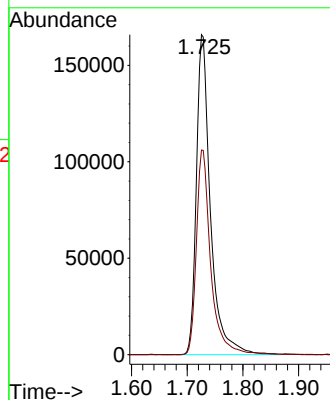
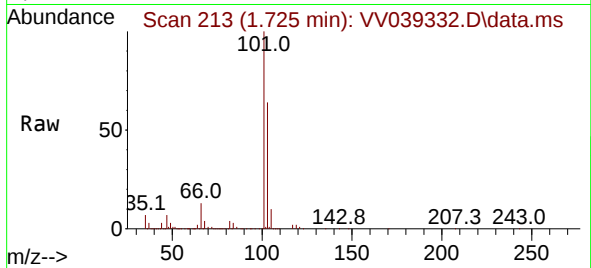




#7
 Trichlorofluoromethane
 Concen: 18.429 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

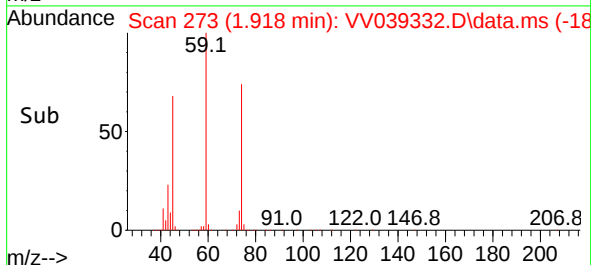
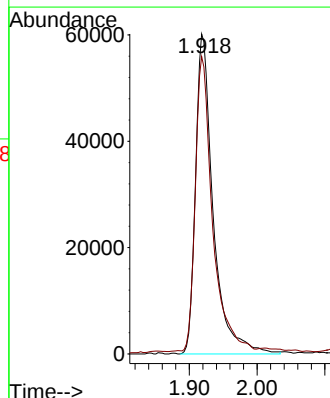
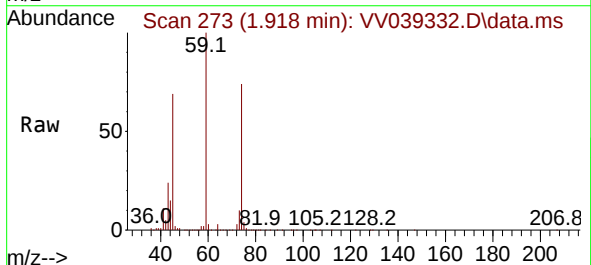
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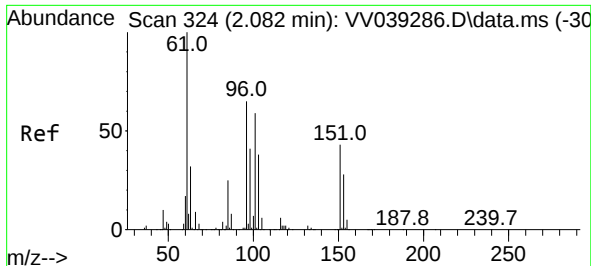
Tgt Ion:101 Resp: 291748
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.0 78.0



#8
 Diethyl Ether
 Concen: 19.018 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

Tgt Ion: 74 Resp: 108799
 Ion Ratio Lower Upper
 74 100
 45 89.8 45.9 137.7

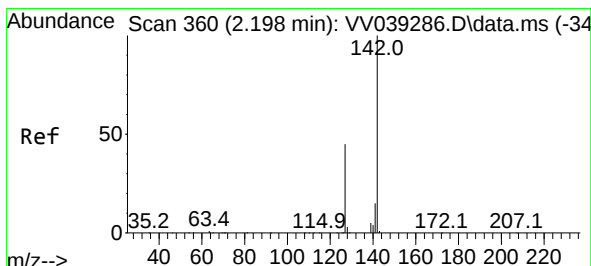
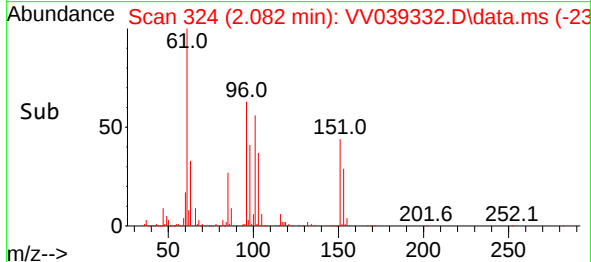
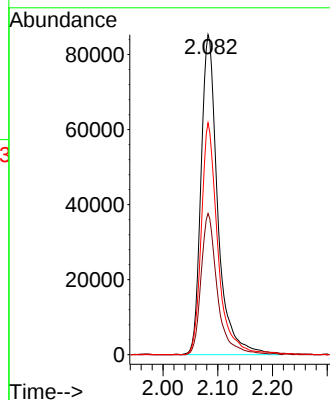
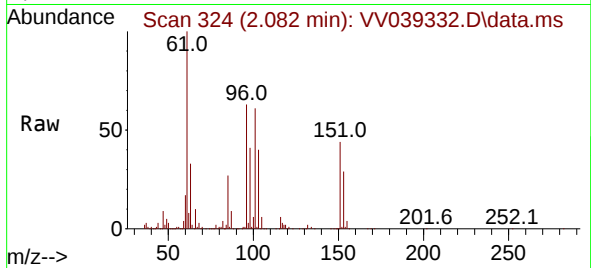




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.127 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039332.D
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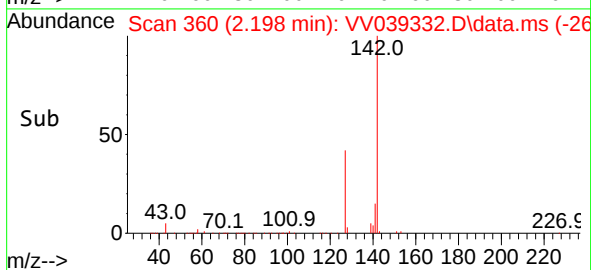
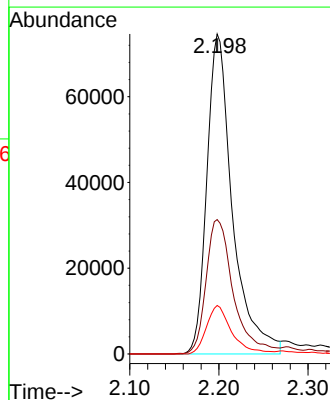
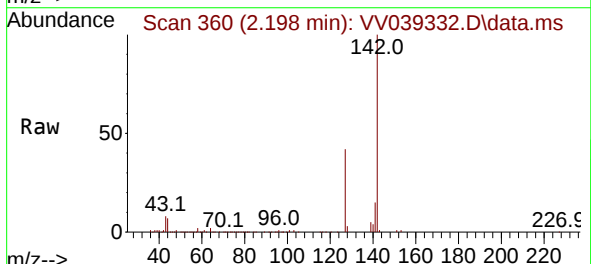
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MSVOA_V
ClientSampleId :

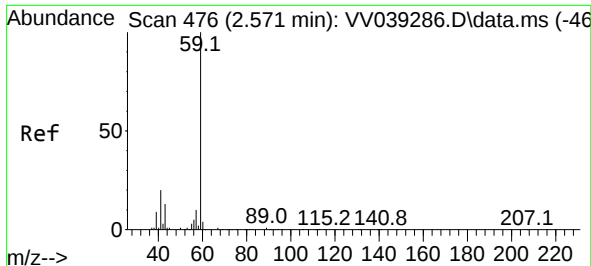
Tgt Ion:101 Resp: 181308
Ion Ratio Lower Upper
101 100
85 43.0 34.0 51.0
151 71.1 58.5 87.7



#10
Methyl Iodide
Concen: 18.251 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion:142 Resp: 149055
Ion Ratio Lower Upper
142 100
127 44.8 35.5 53.3
141 15.0 11.5 17.3

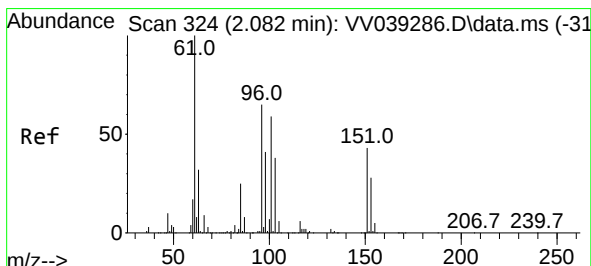
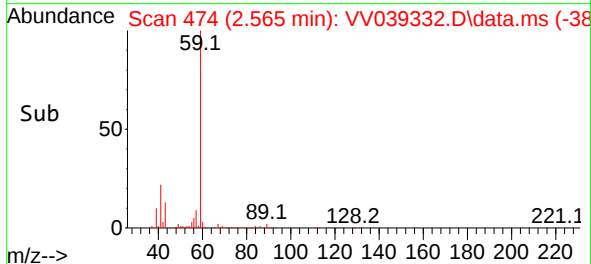
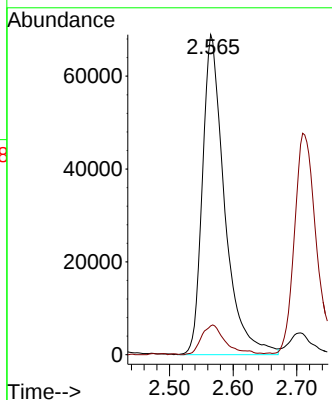
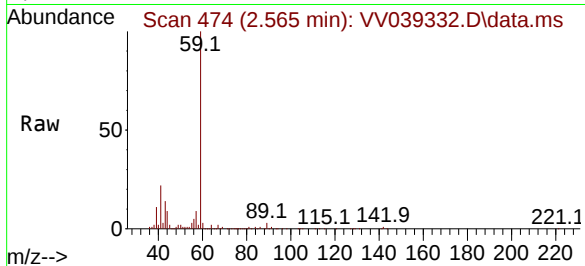




#11
Tert butyl alcohol
Concen: 87.718 ug/l
RT: 2.565 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

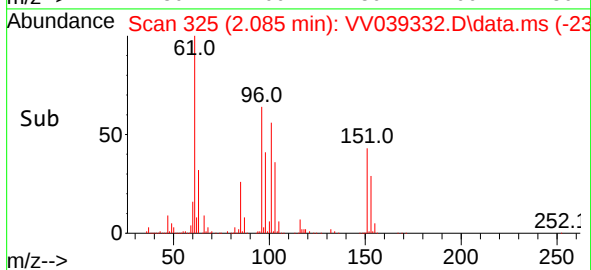
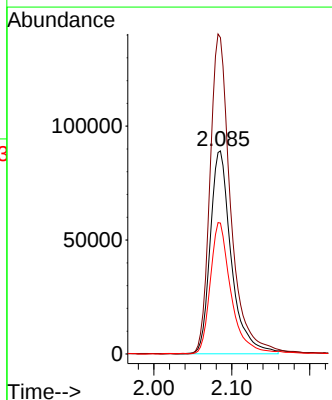
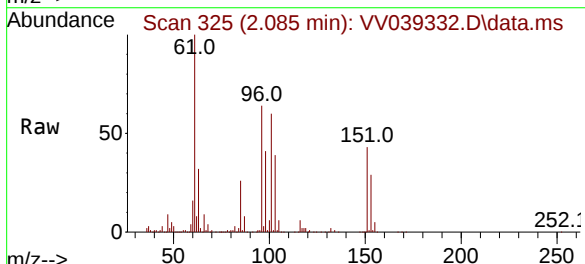
Instrument :
MSVOA_V
ClientSampleId :

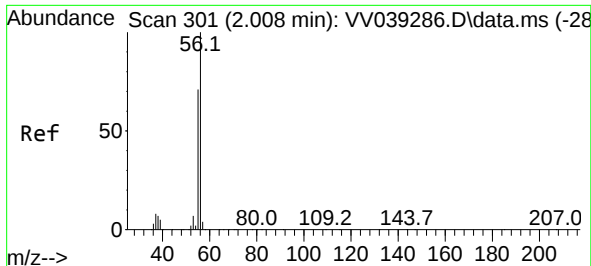
Tgt Ion: 59 Resp: 166736
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 17.998 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 96 Resp: 167515
Ion Ratio Lower Upper
96 100
61 156.0 123.6 185.4
98 64.4 51.1 76.7

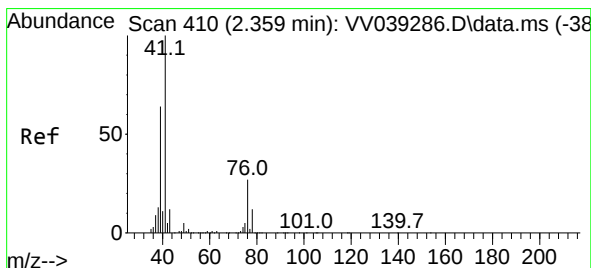
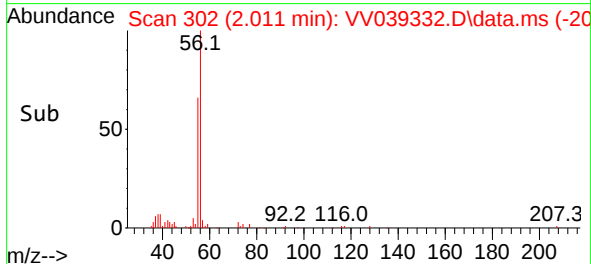
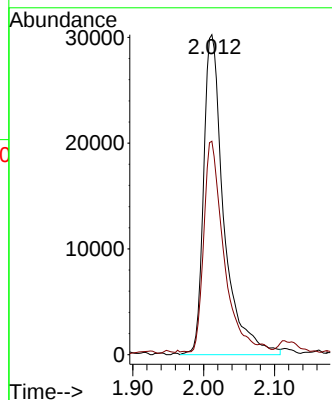
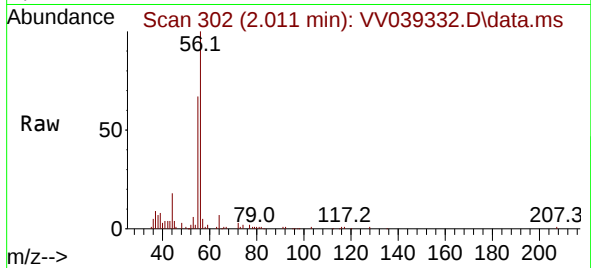




#13
Acrolein
Concen: 49.139 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

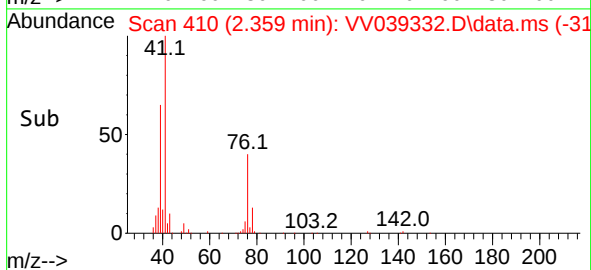
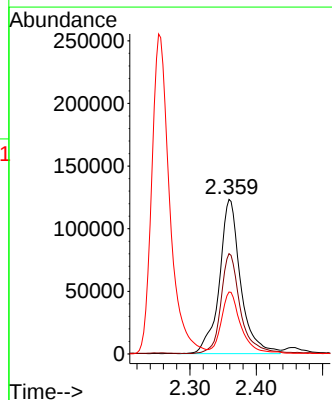
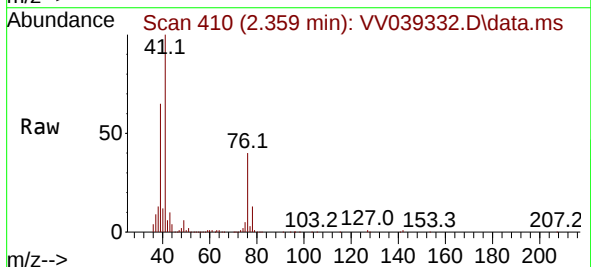
Instrument :
MSVOA_V
ClientSampleId :

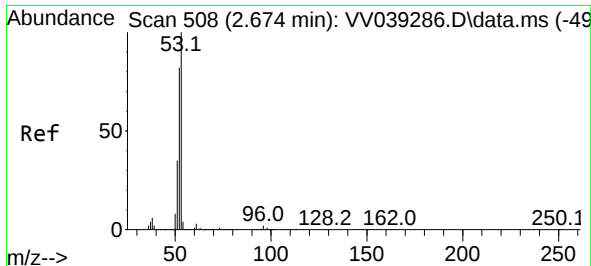
Tgt Ion: 56 Resp: 60142
Ion Ratio Lower Upper
56 100
55 64.1 56.2 84.4



#14
Allyl chloride
Concen: 18.576 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 41 Resp: 274082
Ion Ratio Lower Upper
41 100
39 59.6 47.8 71.6
76 36.5 30.2 45.2

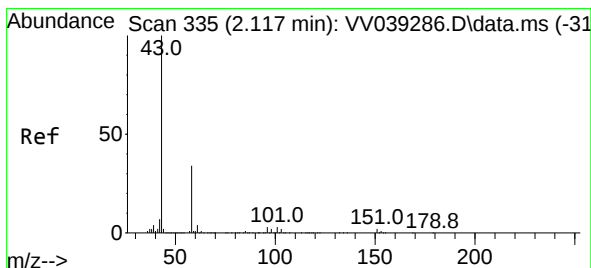
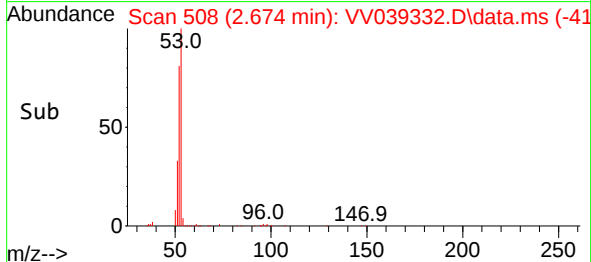
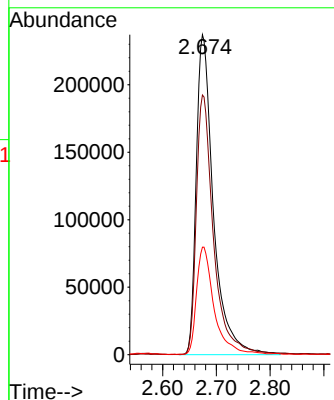
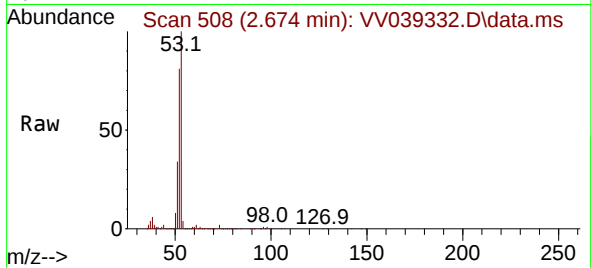




#15
Acrylonitrile
Concen: 93.519 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

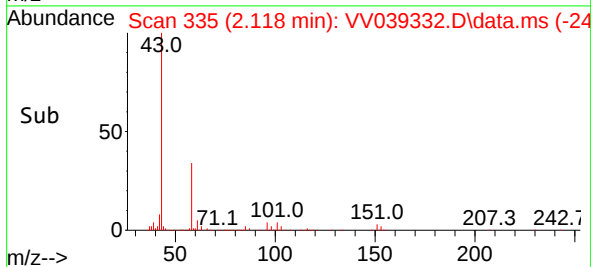
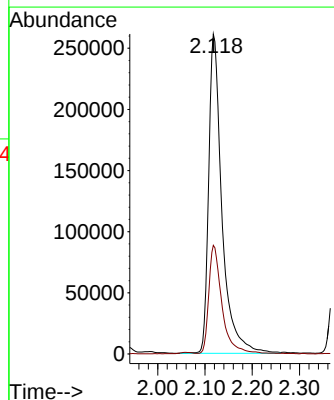
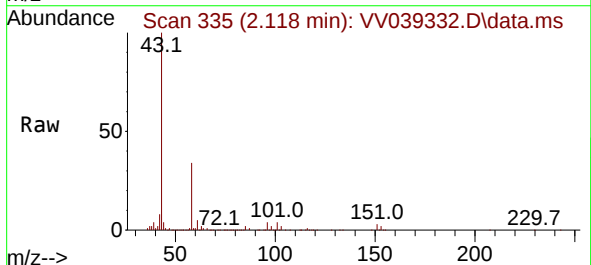
Instrument :
MSVOA_V
ClientSampleId :

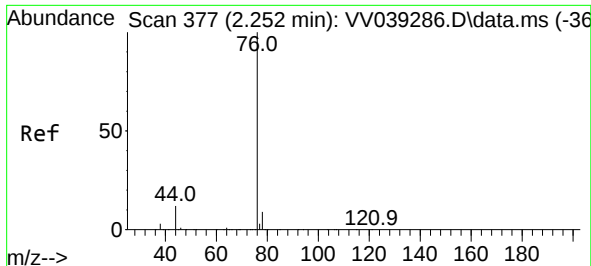
Tgt Ion: 53 Resp: 527167
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 34.1 27.9 41.9



#16
Acetone
Concen: 105.816 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 43 Resp: 509330
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3

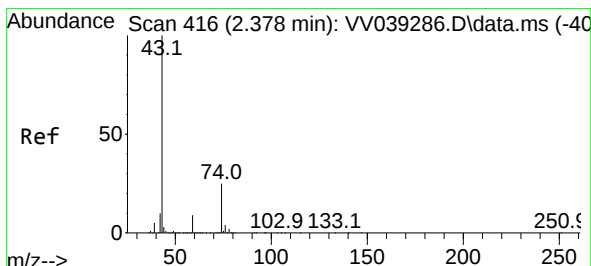
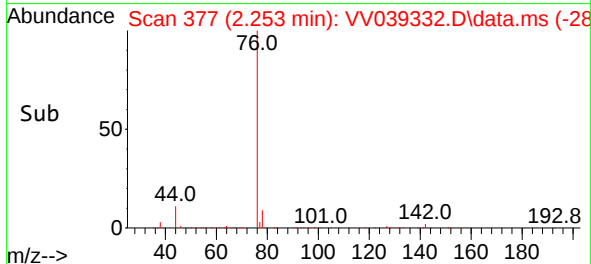
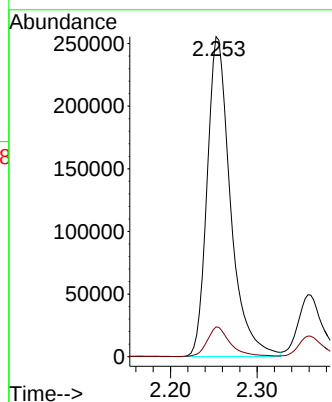
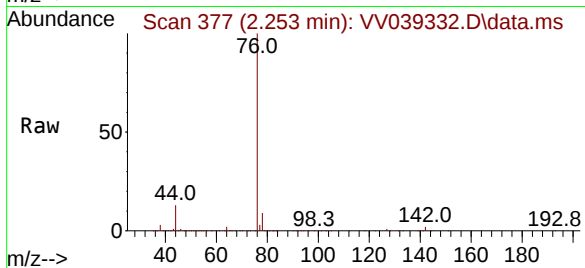




#17
Carbon Disulfide
Concen: 18.170 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

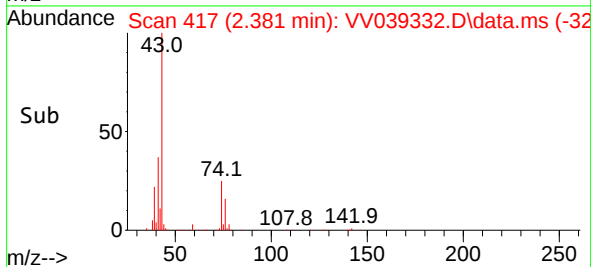
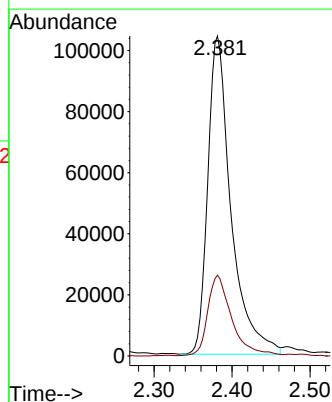
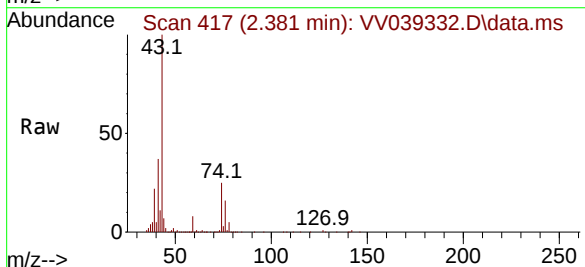
Instrument :
MSVOA_V
ClientSampleId :

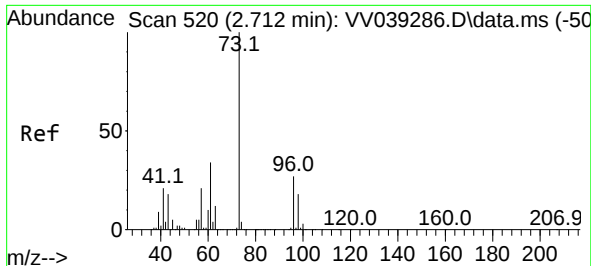
Tgt Ion: 76 Resp: 477677
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 17.009 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 43 Resp: 216186
Ion Ratio Lower Upper
43 100
74 25.8 19.5 29.3

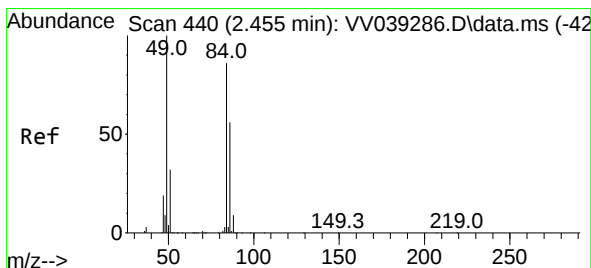
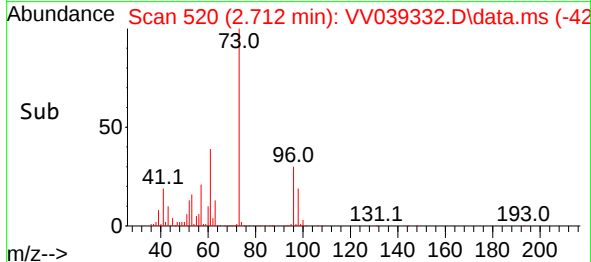
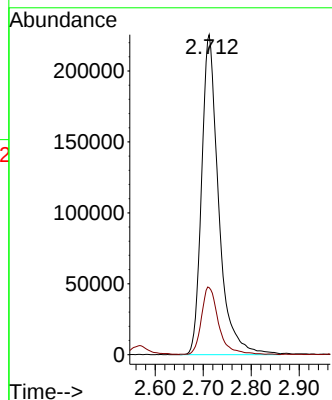
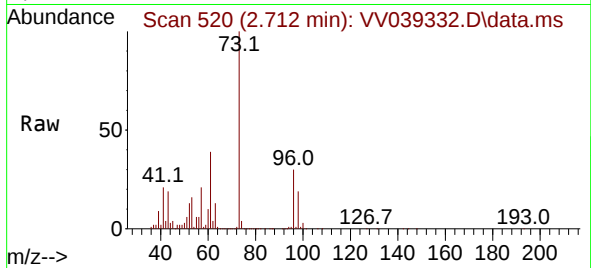




#19
Methyl tert-butyl Ether
Concen: 19.869 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

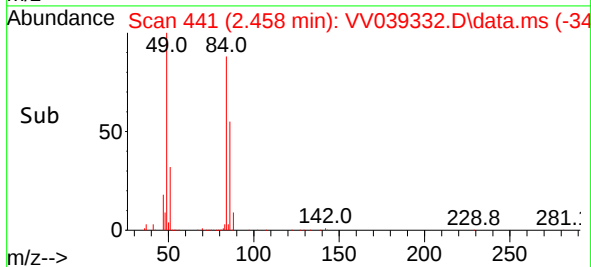
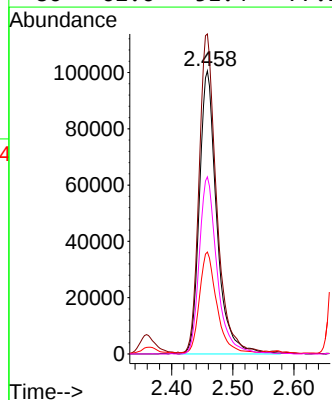
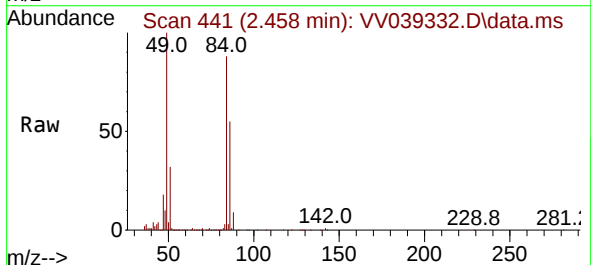
Instrument :
MSVOA_V
ClientSampleId :

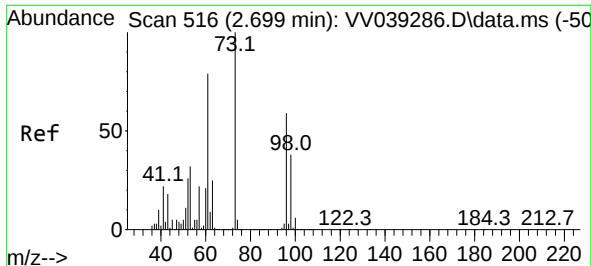
Tgt Ion: 73 Resp: 556630
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6



#20
Methylene Chloride
Concen: 21.545 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

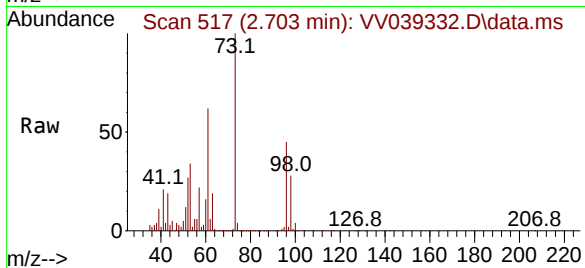
Tgt Ion: 84 Resp: 198518
Ion Ratio Lower Upper
84 100
49 112.7 92.6 139.0
51 35.6 29.6 44.4
86 62.6 51.4 77.2



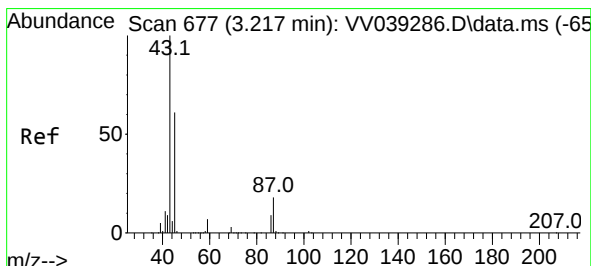
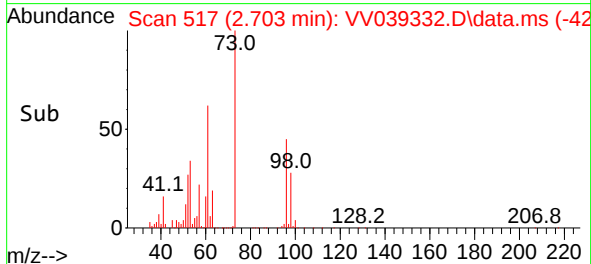
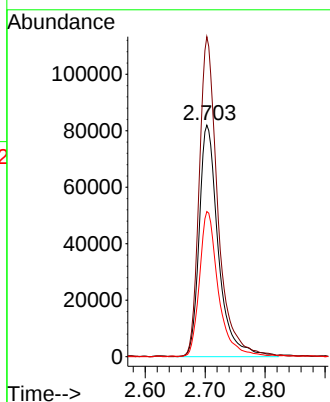


#21
trans-1,2-Dichloroethene
Concen: 18.601 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Instrument :
MSVOA_V
ClientSampleId :

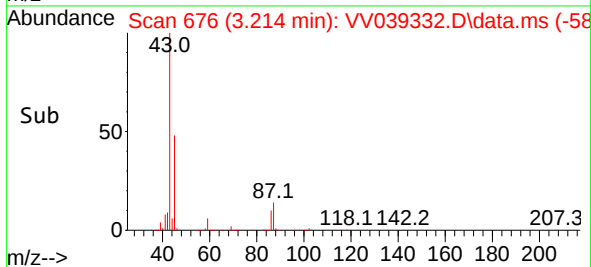
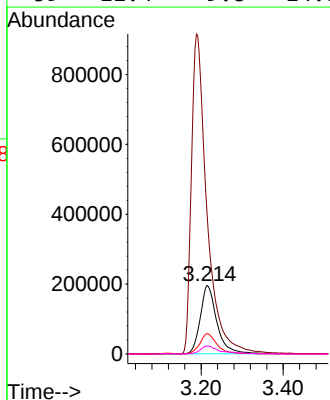
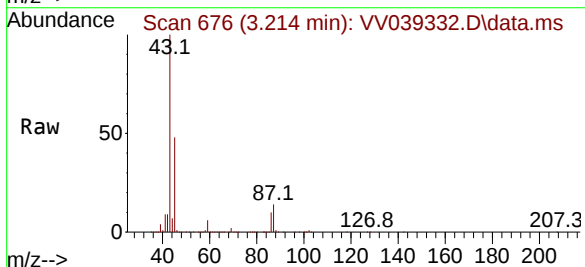


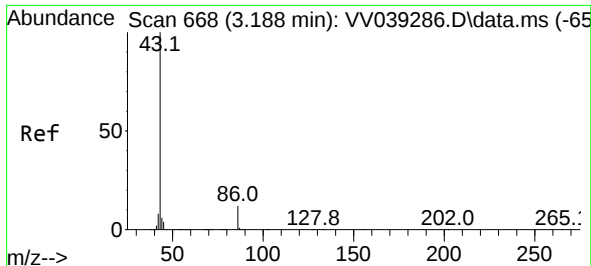
Tgt Ion: 96 Resp: 182287
Ion Ratio Lower Upper
96 100
61 138.0 106.8 160.2
98 62.7 51.1 76.7



#22
Diisopropyl ether
Concen: 20.767 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 45 Resp: 550110
Ion Ratio Lower Upper
45 100
43 207.1 130.8 196.2#
87 29.5 23.8 35.8
59 11.4 9.8 14.8

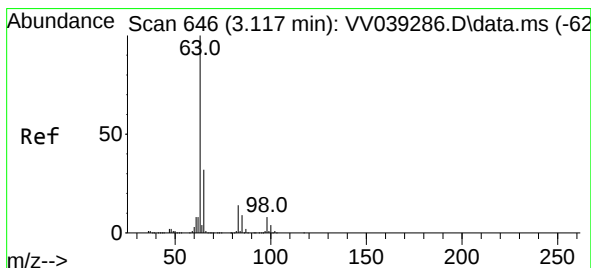
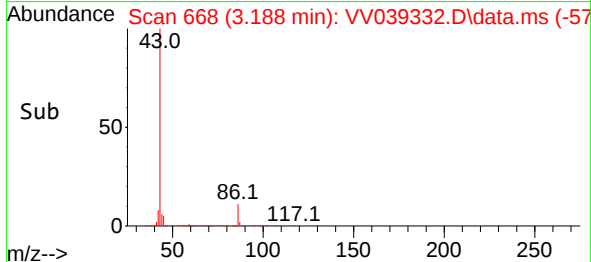
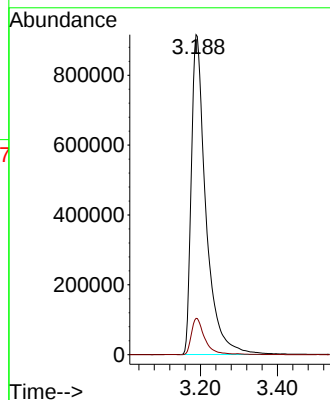
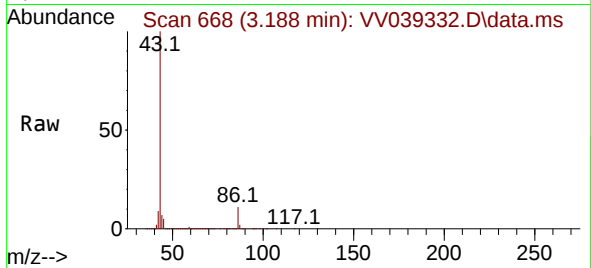




#23
 Vinyl Acetate
 Concen: 103.799 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

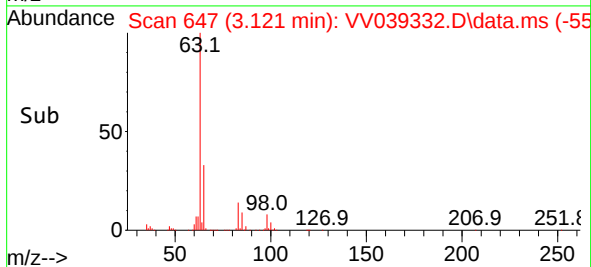
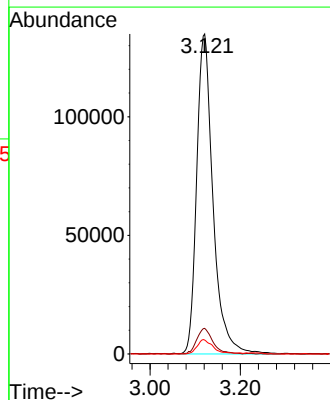
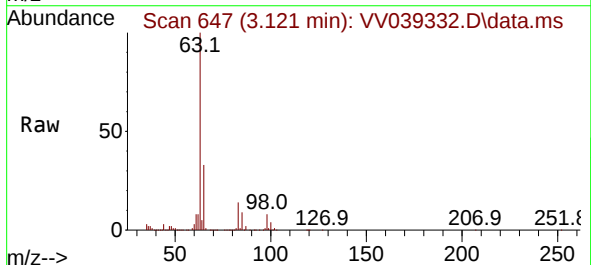
Instrument :
 MSVOA_V
 ClientSampleId :

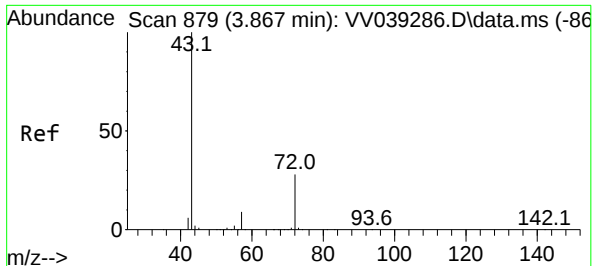
Tgt Ion: 43 Resp: 2413916
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.057 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

Tgt Ion: 63 Resp: 338212
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 4.4 2.3 6.8

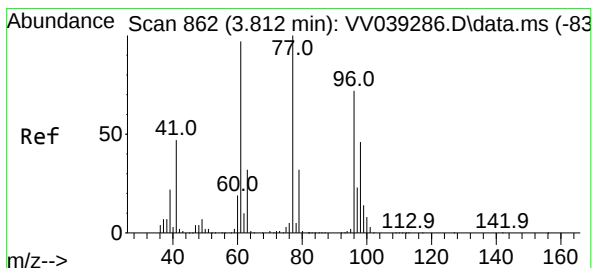
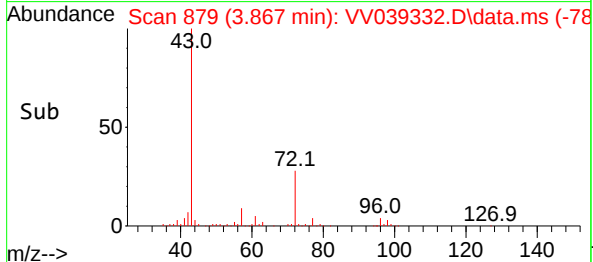
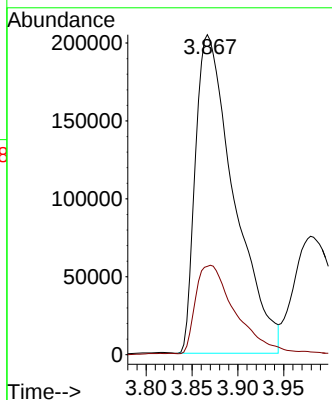
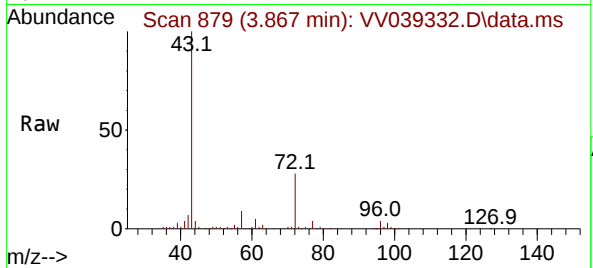




#25
2-Butanone
Concen: 100.127 ug/l
RT: 3.867 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

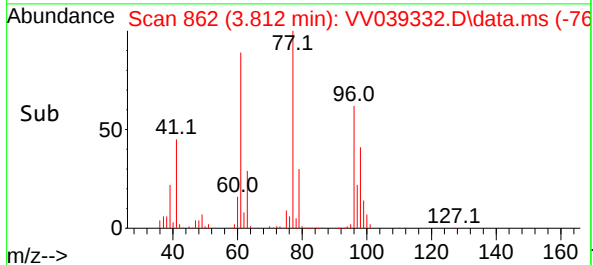
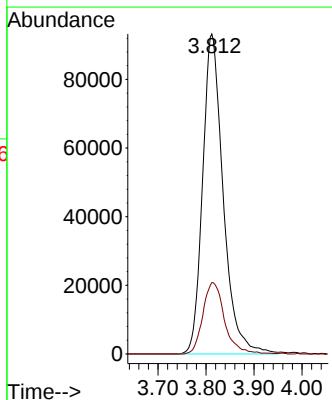
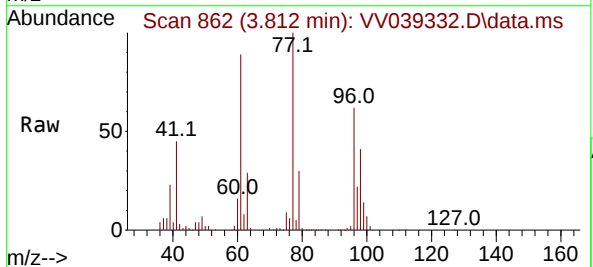
Instrument :
MSVOA_V
ClientSampleId :

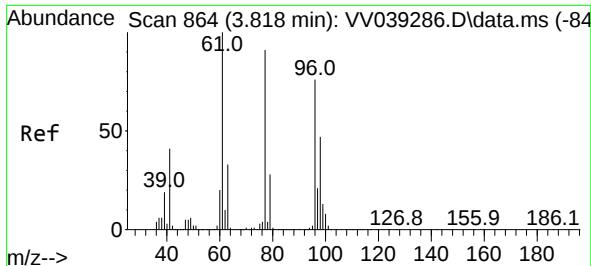
Tgt Ion: 43 Resp: 600600
Ion Ratio Lower Upper
43 100
72 27.4 22.6 34.0



#26
2,2-Dichloropropane
Concen: 19.465 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

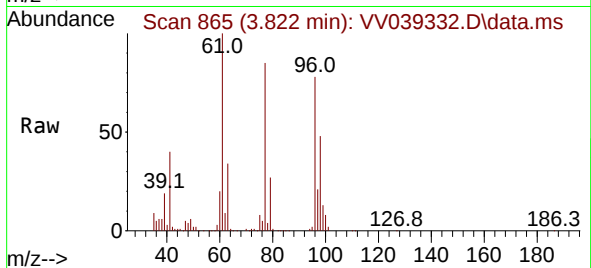
Tgt Ion: 77 Resp: 278230
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8





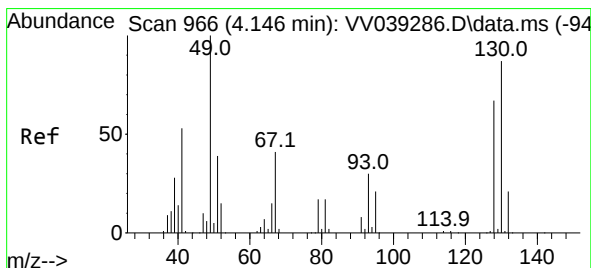
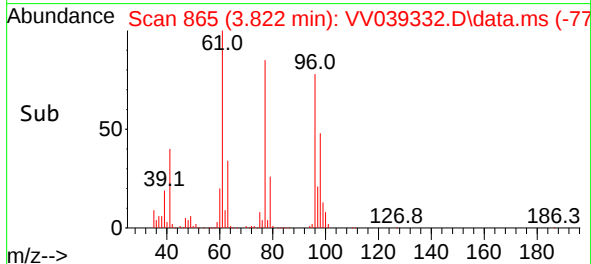
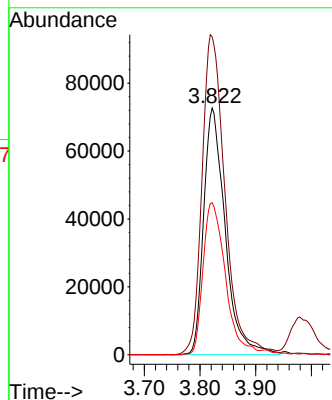
#27
 cis-1,2-Dichloroethene
 Concen: 19.910 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 195363

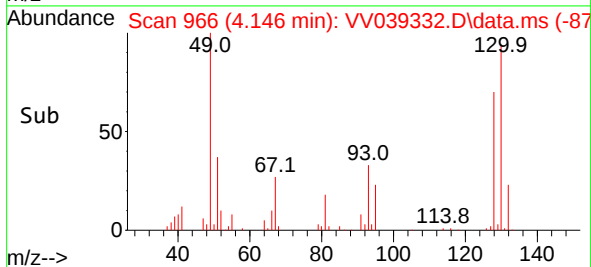
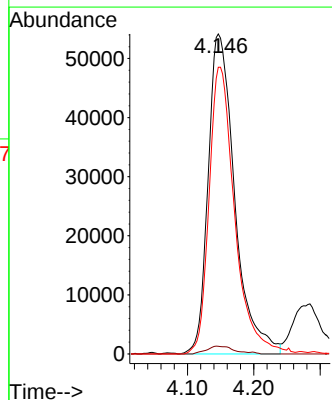
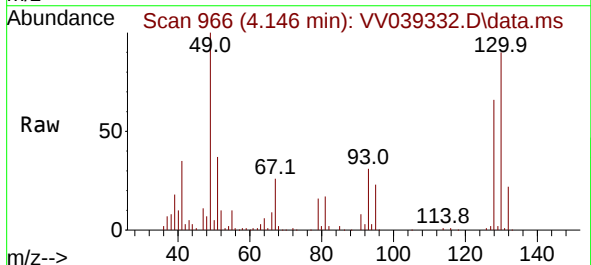
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	275.0
98	63.8	0.0	127.8

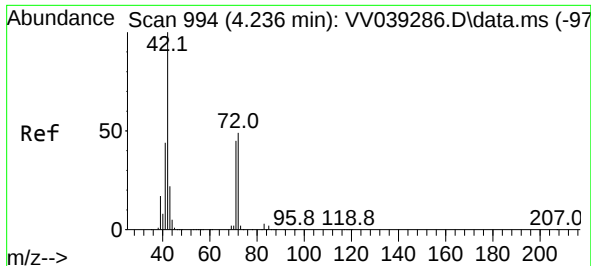


#28
 Bromochloromethane
 Concen: 19.946 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

Tgt Ion: 49 Resp: 150914

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	86.4	69.5	104.3





#29

Tetrahydrofuran

Concen: 98.999 ug/l

RT: 4.237 min Scan# 994

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

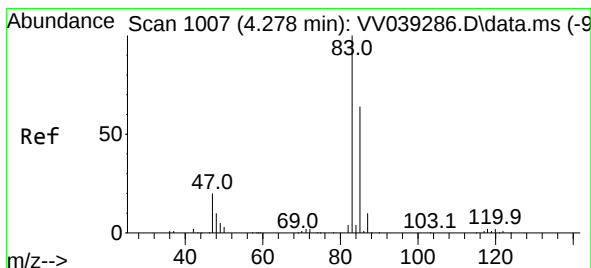
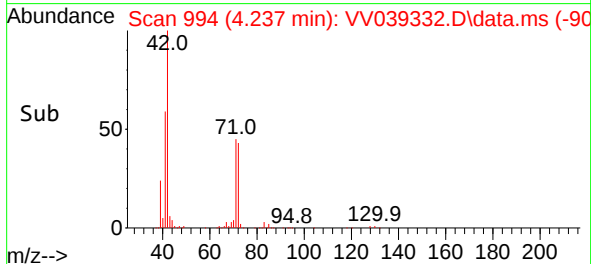
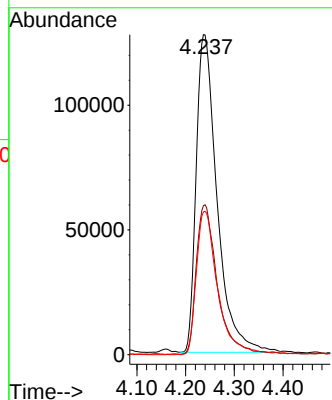
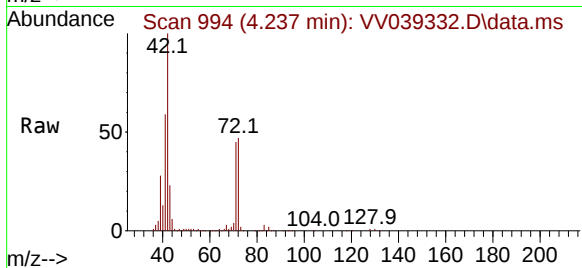
Tgt Ion: 42 Resp: 379687

Ion Ratio Lower Upper

42 100

72 47.3 39.8 59.8

71 45.5 36.5 54.7



#30

Chloroform

Concen: 19.269 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039332.D

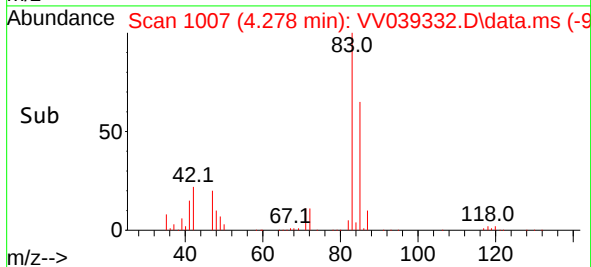
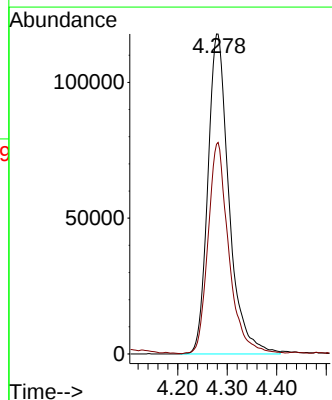
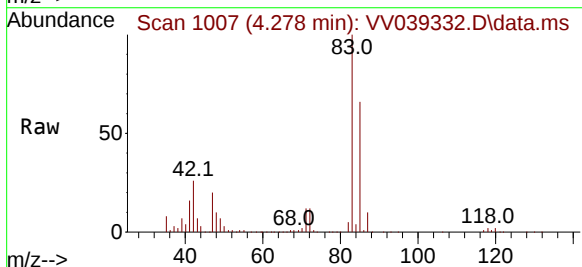
Acq: 05 Nov 2025 13:17

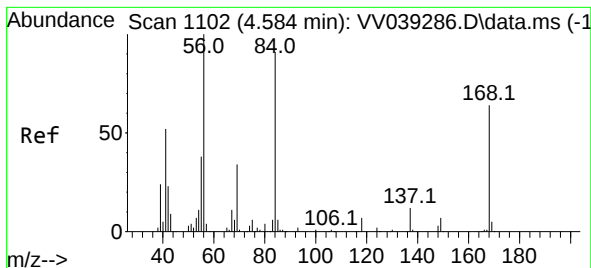
Tgt Ion: 83 Resp: 348726

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7





#31

Cyclohexane

Concen: 20.223 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

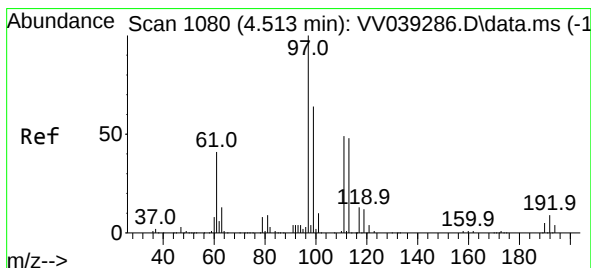
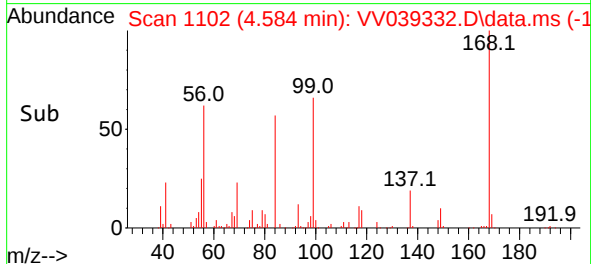
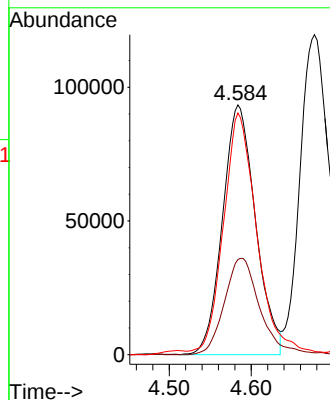
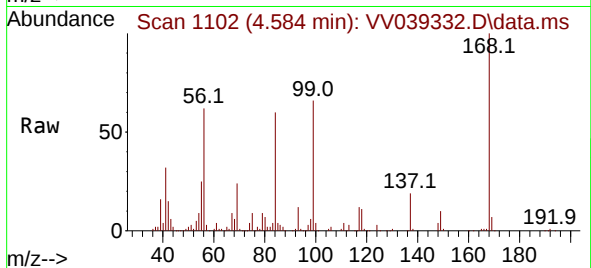
Tgt Ion: 56 Resp: 261404

Ion Ratio Lower Upper

56 100

69 38.1 27.4 41.0

84 95.1 72.8 109.2



#32

1,1,1-Trichloroethane

Concen: 19.086 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

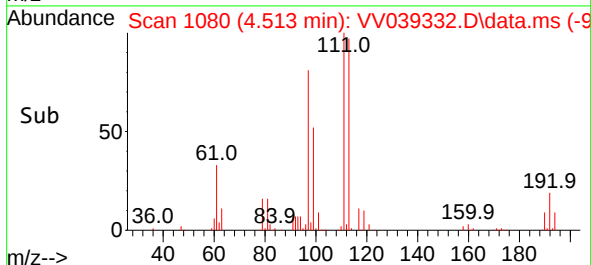
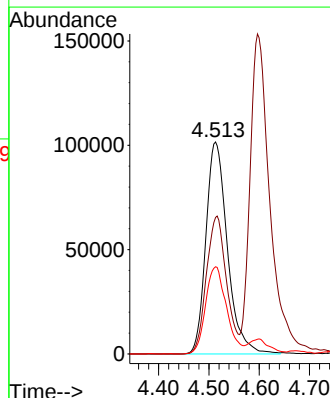
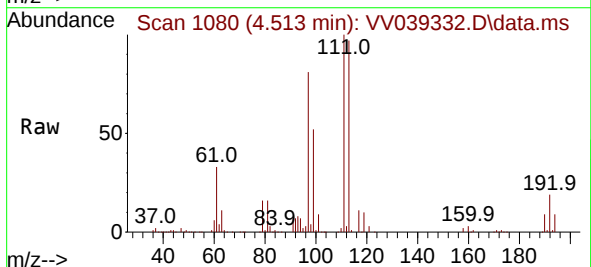
Tgt Ion: 97 Resp: 302005

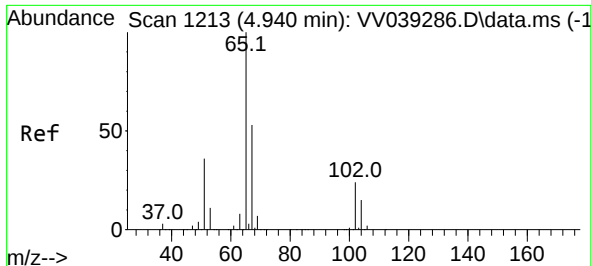
Ion Ratio Lower Upper

97 100

99 60.9 48.6 72.8

61 40.2 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 52.017 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

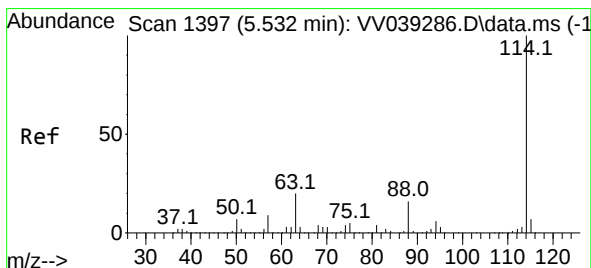
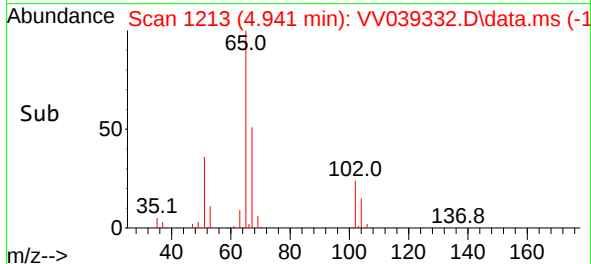
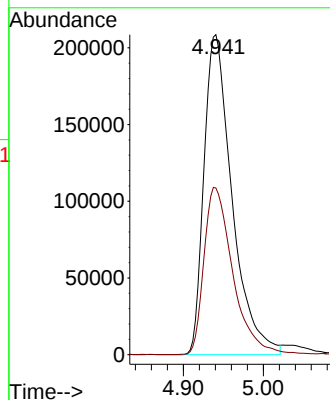
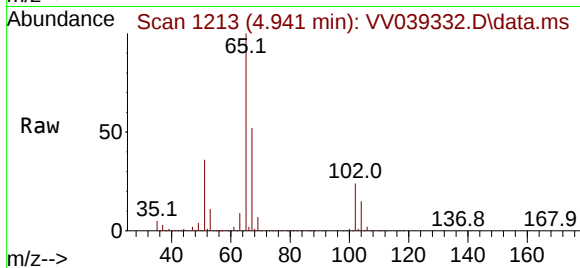
ClientSampleId :

Tgt Ion: 65 Resp: 510203

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

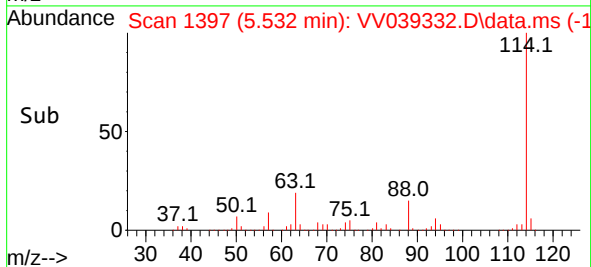
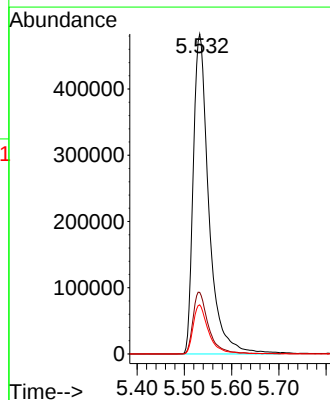
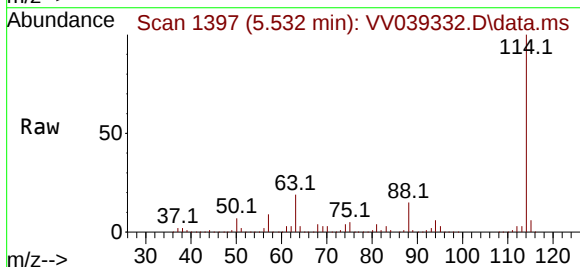
Tgt Ion: 114 Resp: 1108460

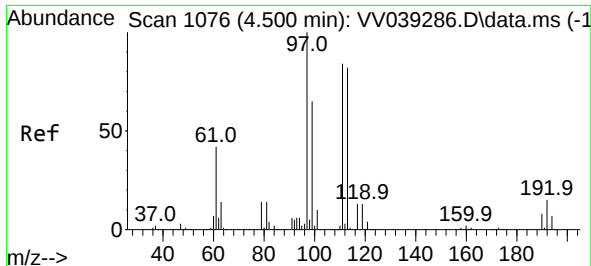
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.4 0.0 31.6

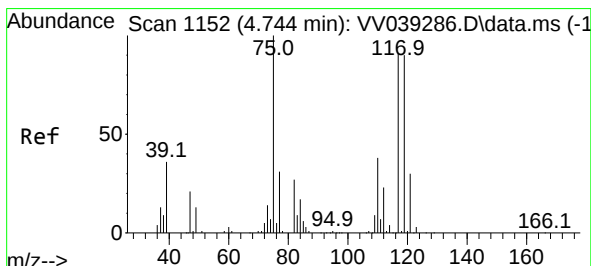
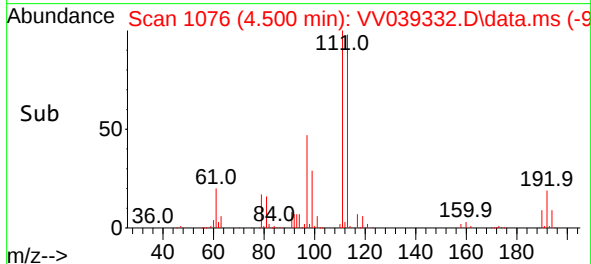
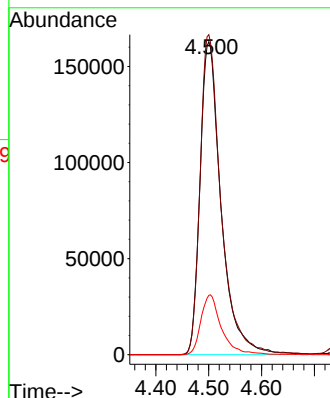
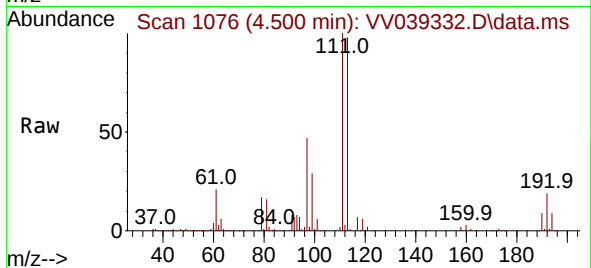




#35
Dibromofluoromethane
Concen: 51.465 ug/l
RT: 4.500 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

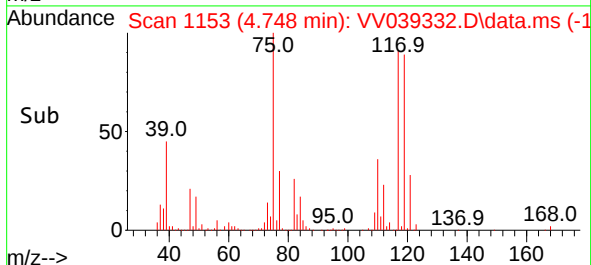
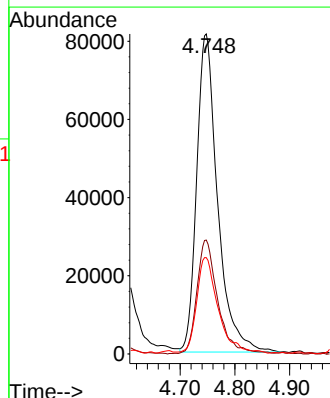
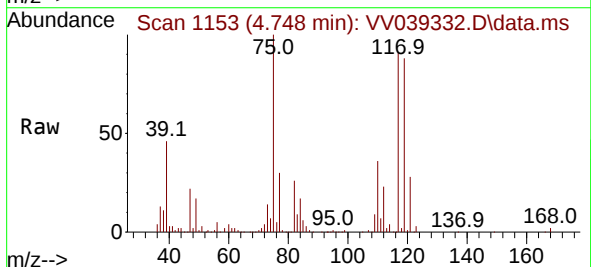
Instrument :
MSVOA_V
ClientSampleId :

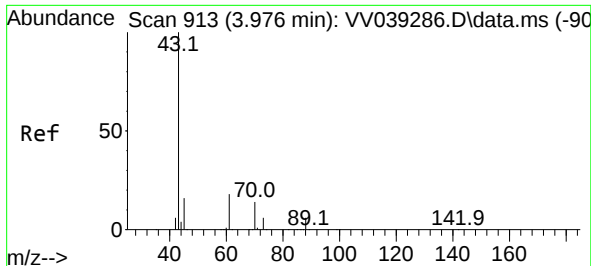
Tgt Ion:113 Resp: 449490
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 19.683 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 75 Resp: 215914
Ion Ratio Lower Upper
75 100
110 36.0 18.9 56.7
77 29.4 24.1 36.1

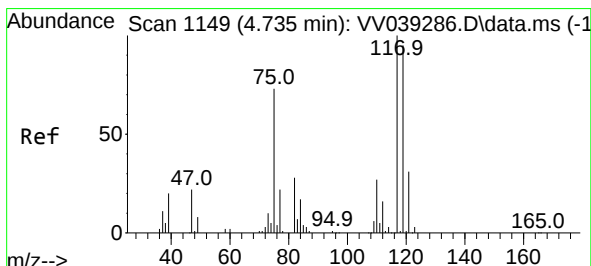
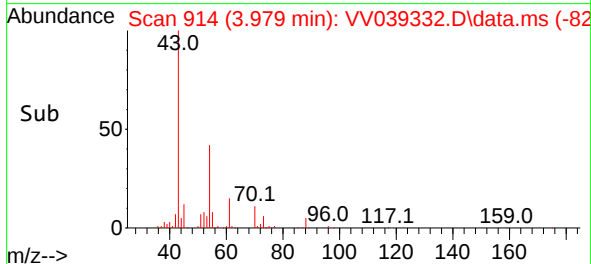
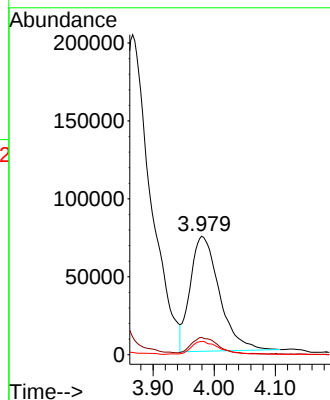
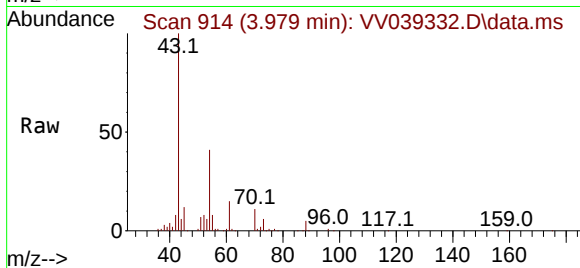




#37
Ethyl Acetate
Concen: 19.063 ug/l
RT: 3.979 min Scan# 913
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

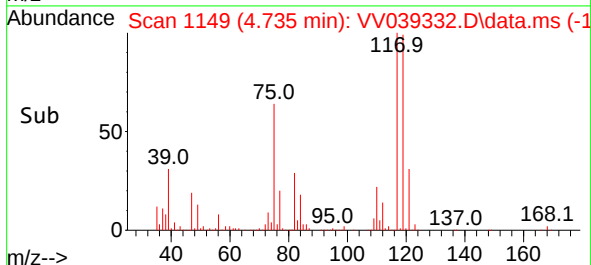
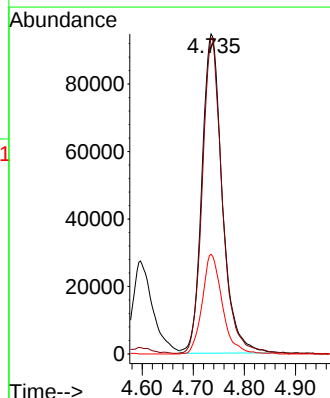
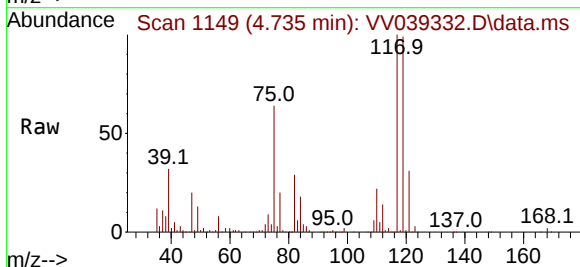
Instrument :
MSVOA_V
ClientSampleId :

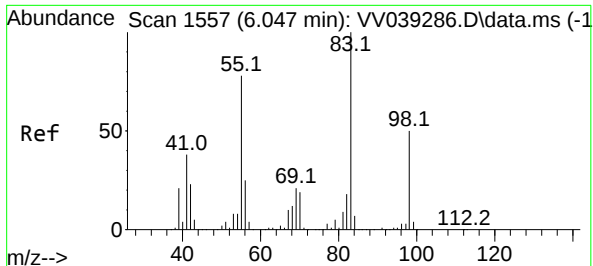
Tgt Ion: 43 Resp: 244819
Ion Ratio Lower Upper
43 100
61 12.7 12.2 18.2
70 10.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.572 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 117 Resp: 261566
Ion Ratio Lower Upper
117 100
119 98.8 75.9 113.9
121 31.3 24.6 37.0





#39

Methylcyclohexane

Concen: 19.508 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

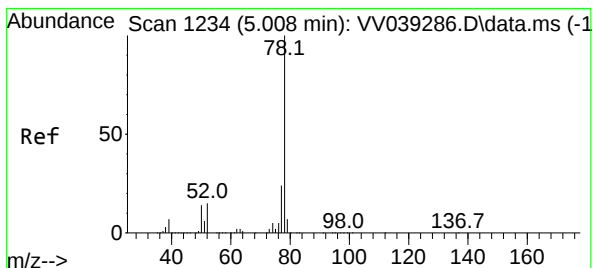
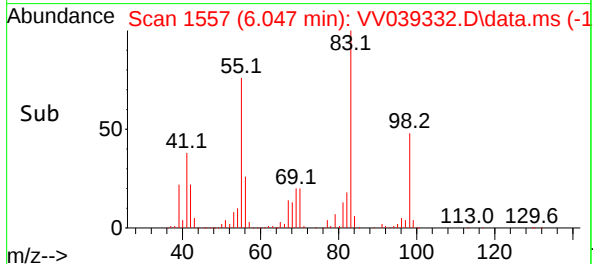
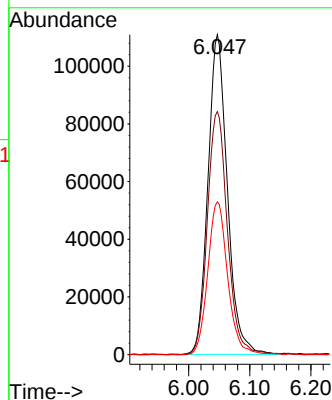
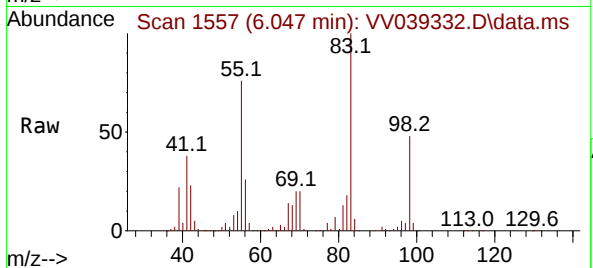
Tgt Ion: 83 Resp: 244575

Ion Ratio Lower Upper

83 100

55 76.1 62.1 93.1

98 47.8 40.2 60.4



#40

Benzene

Concen: 19.991 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039332.D

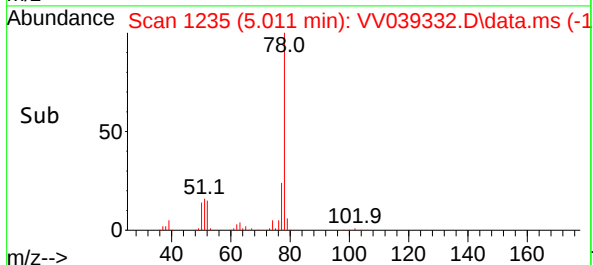
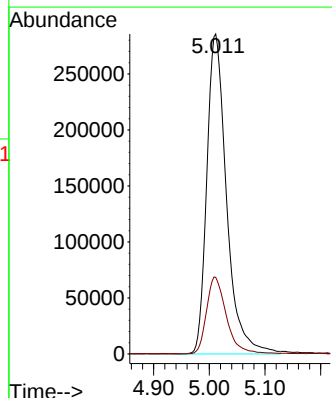
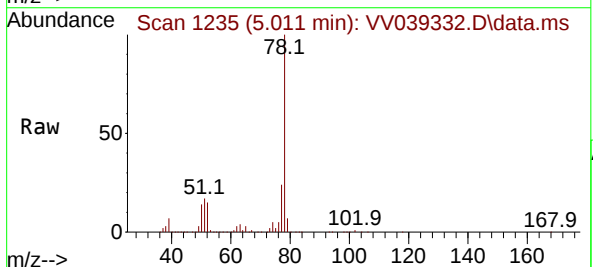
Acq: 05 Nov 2025 13:17

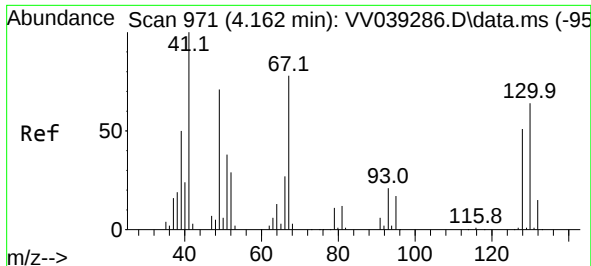
Tgt Ion: 78 Resp: 703684

Ion Ratio Lower Upper

78 100

77 23.9 18.9 28.3

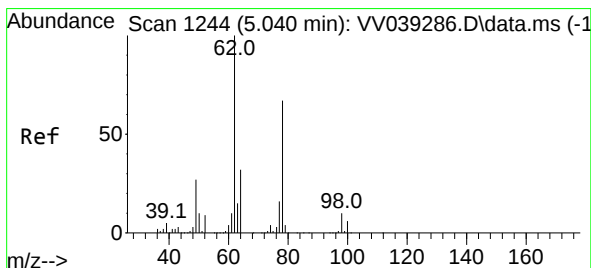
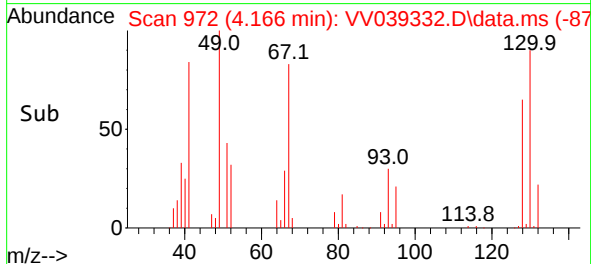
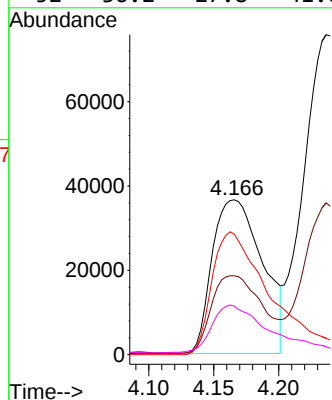
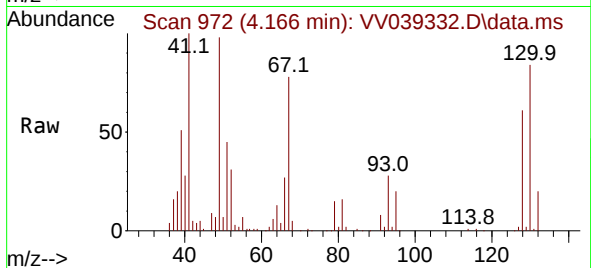




#41
Methacrylonitrile
Concen: 18.958 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

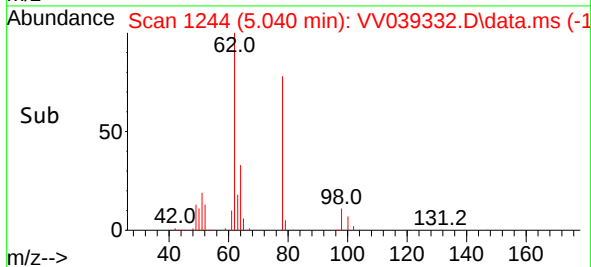
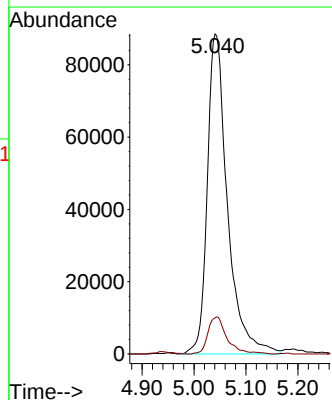
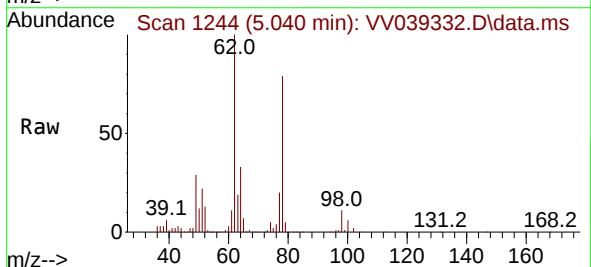
Instrument :
MSVOA_V
ClientSampleId :

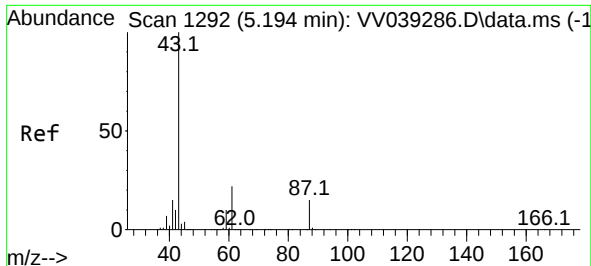
Tgt Ion: 41	Resp: 98163
Ion Ratio	Lower Upper
41 100	
39 51.3	40.9 61.3
67 98.6	73.1 109.7
52 36.2	27.8 41.6



#42
1,2-Dichloroethane
Concen: 19.340 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 62	Resp: 238922
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 21.0

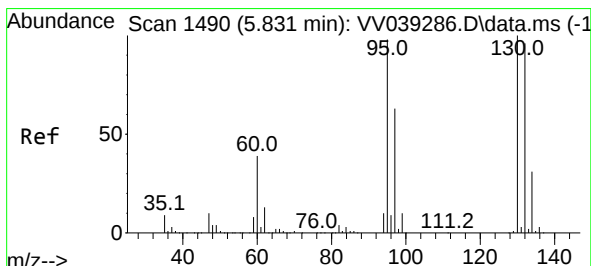
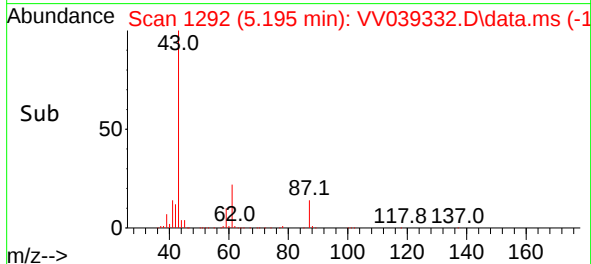
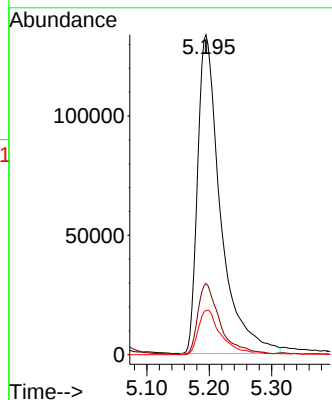
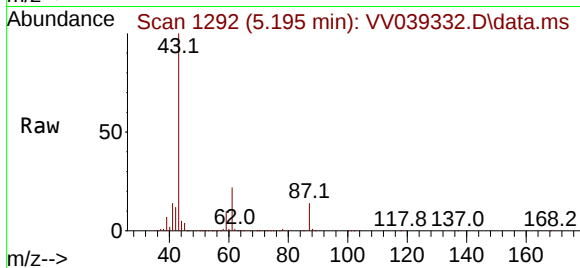




#43
Isopropyl Acetate
Concen: 20.334 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

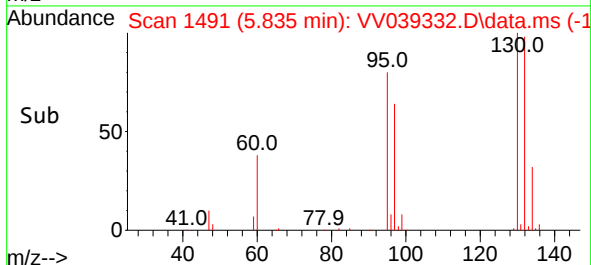
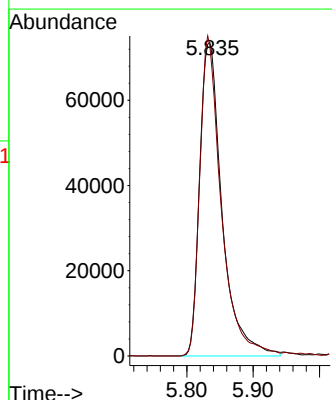
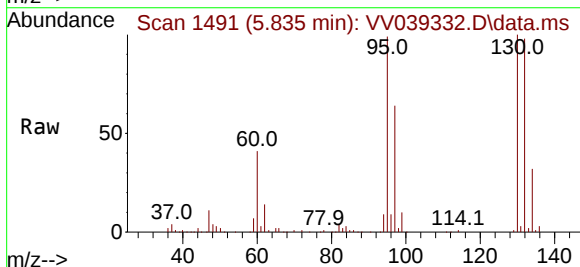
Instrument :
MSVOA_V
ClientSampleId :

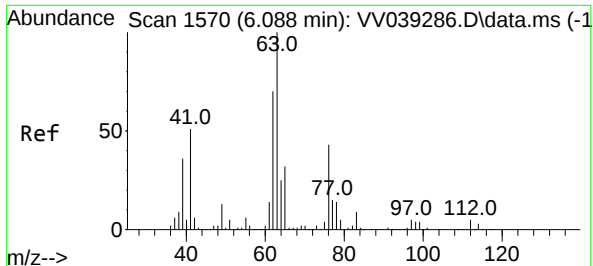
Tgt Ion: 43 Resp: 341886
Ion Ratio Lower Upper
43 100
61 21.2 17.1 25.7
87 14.3 11.5 17.3



#44
Trichloroethene
Concen: 19.508 ug/l
RT: 5.835 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion:130 Resp: 172679
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 20.823 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

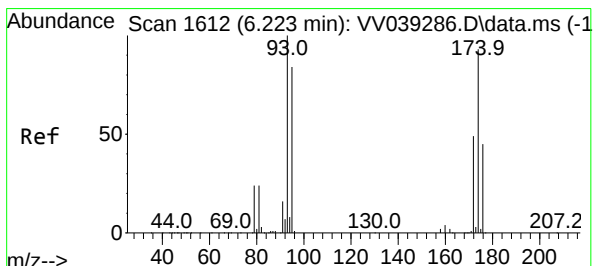
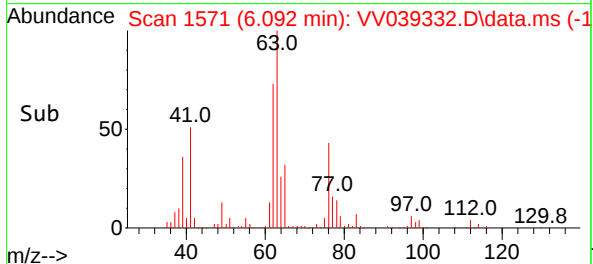
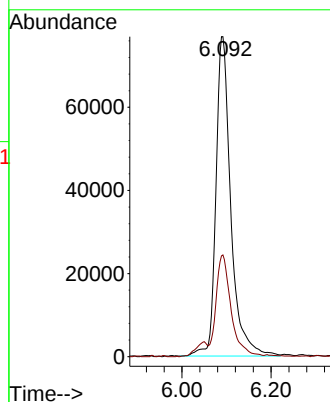
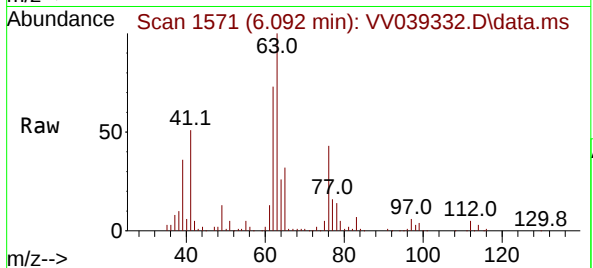
ClientSampleId :

Tgt Ion: 63 Resp: 178359

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 19.492 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

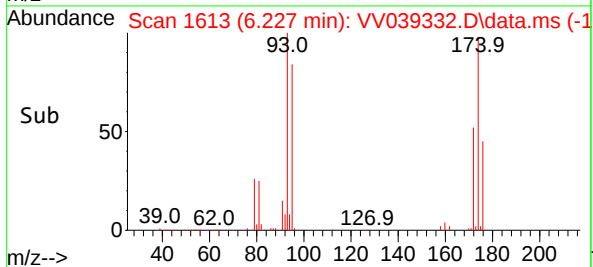
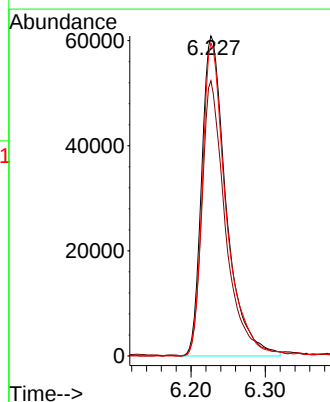
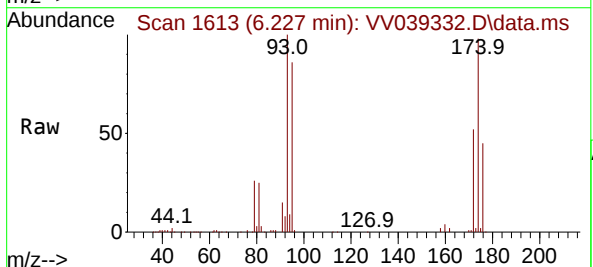
Tgt Ion: 93 Resp: 139548

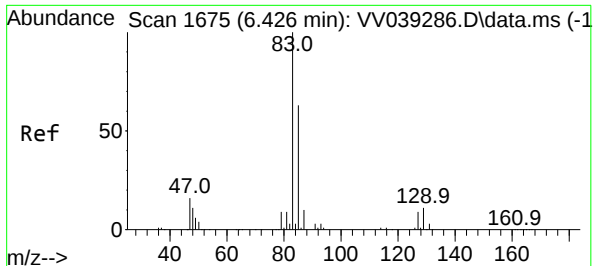
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 94.9 74.6 112.0

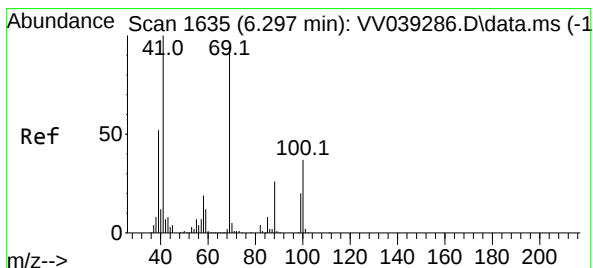
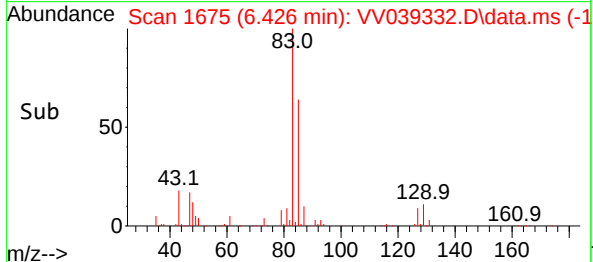
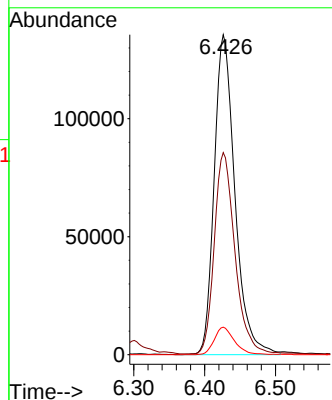
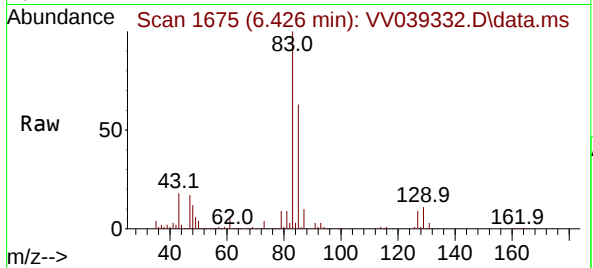




#47
Bromodichloromethane
Concen: 19.554 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

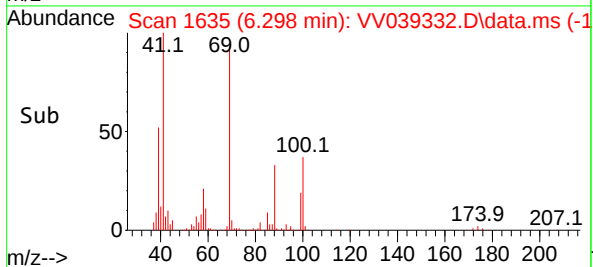
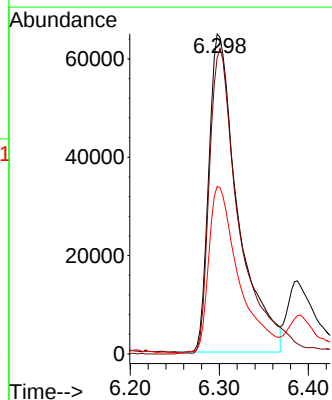
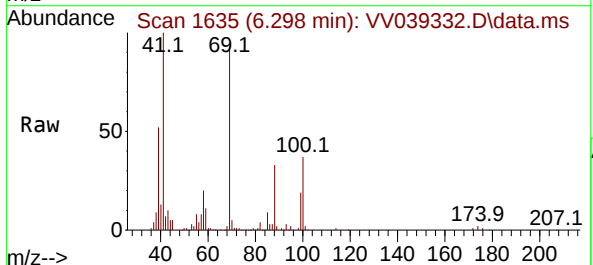
Instrument :
MSVOA_V
ClientSampleId :

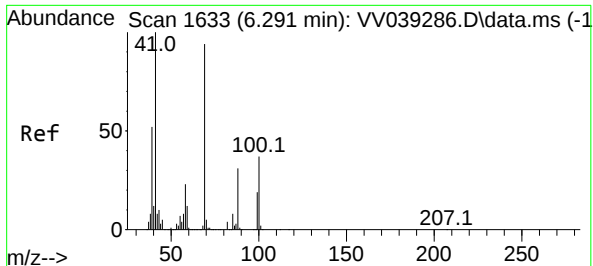
Tgt Ion: 83 Resp: 275844
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 18.810 ug/l
RT: 6.298 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 41 Resp: 146512
Ion Ratio Lower Upper
41 100
69 99.9 77.2 115.8
39 53.6 41.4 62.0





#49

1,4-Dioxane

Concen: 401.352 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

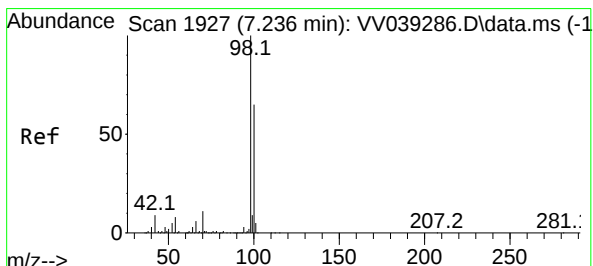
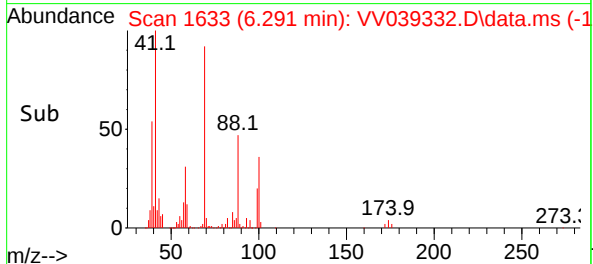
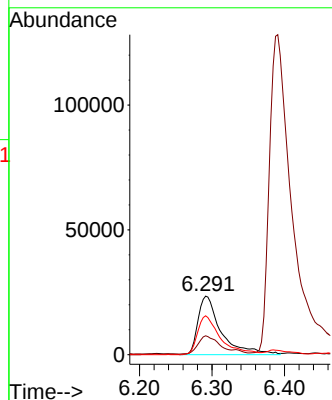
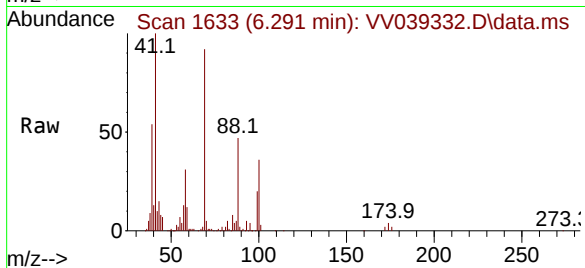
Tgt Ion: 88 Resp: 52005

Ion Ratio Lower Upper

88 100

43 27.7 24.1 36.1

58 65.5 57.6 86.4



#50

Toluene-d8

Concen: 53.777 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039332.D

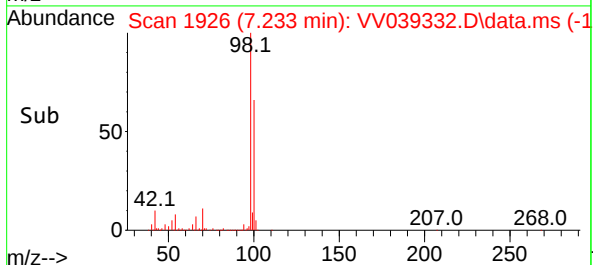
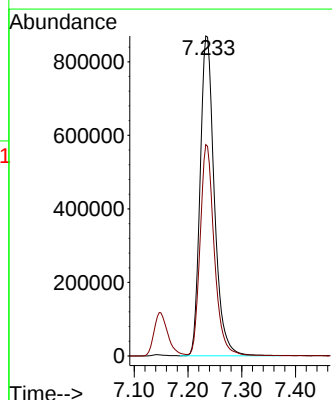
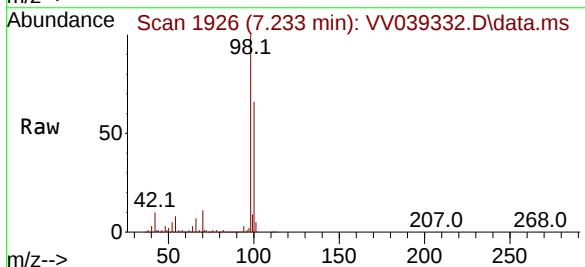
Acq: 05 Nov 2025 13:17

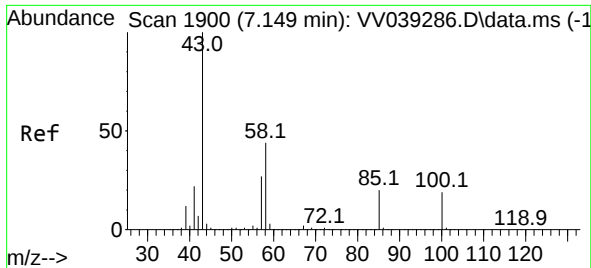
Tgt Ion: 98 Resp: 1597836

Ion Ratio Lower Upper

98 100

100 65.6 52.8 79.2

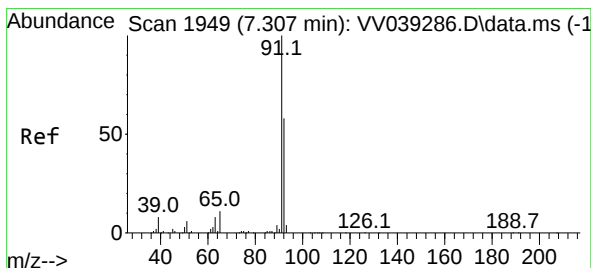
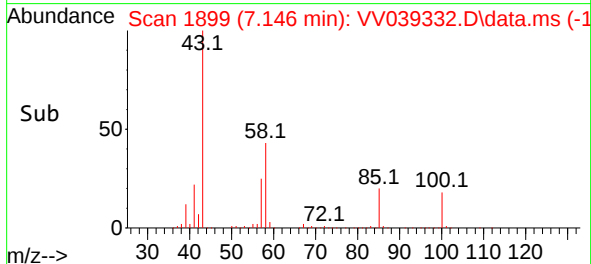
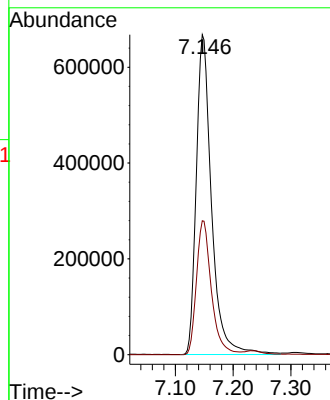
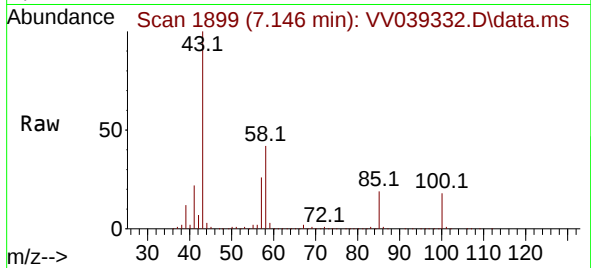




#51
4-Methyl-2-Pentanone
Concen: 104.909 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

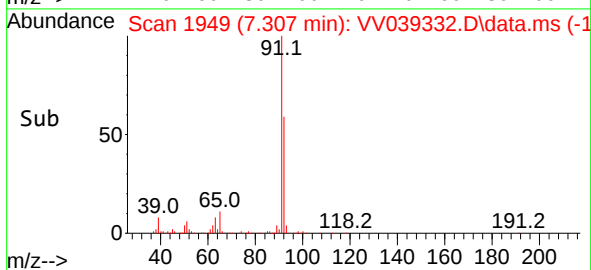
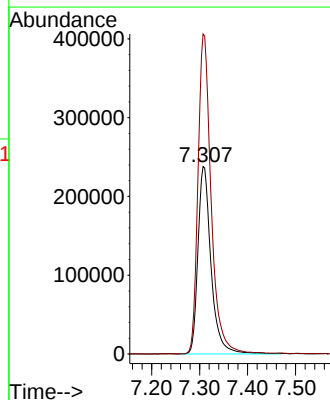
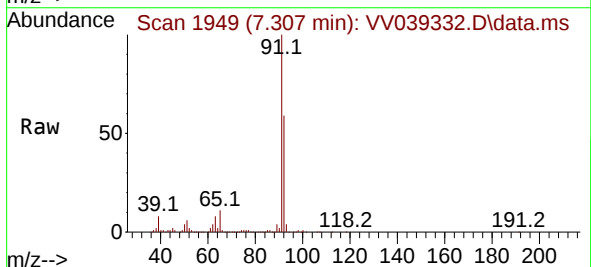
Instrument :
MSVOA_V
ClientSampleId :

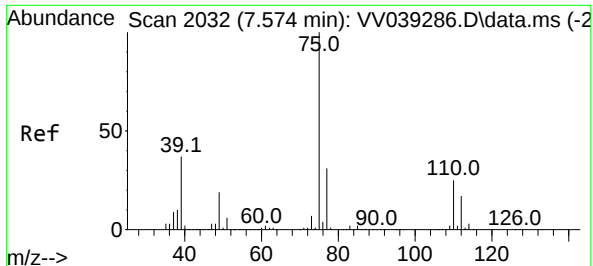
Tgt Ion: 43 Resp: 1223731
Ion Ratio Lower Upper
43 100
58 41.0 34.2 51.4



#52
Toluene
Concen: 21.256 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 92 Resp: 451768
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.737 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

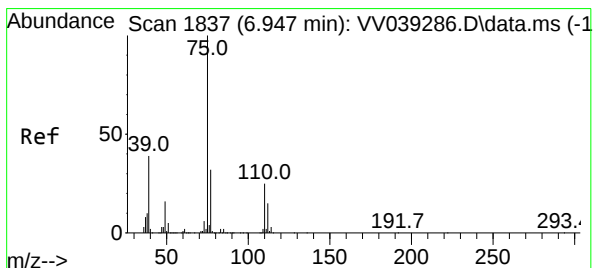
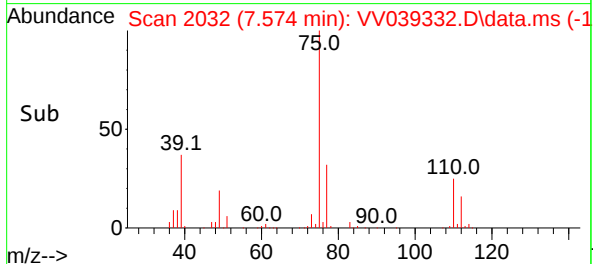
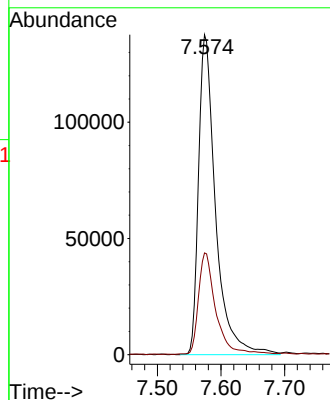
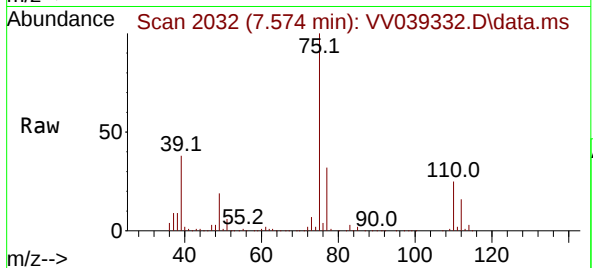
ClientSampleId :

Tgt Ion: 75 Resp: 255657

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.864 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

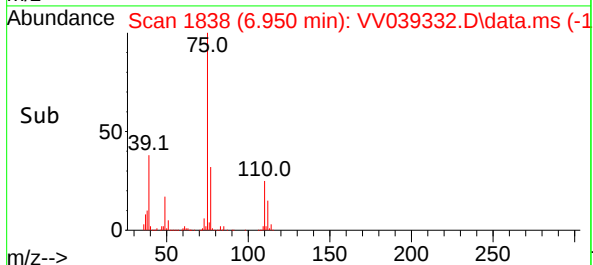
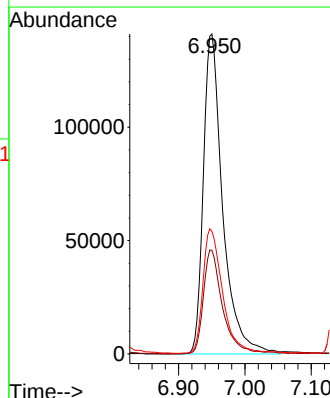
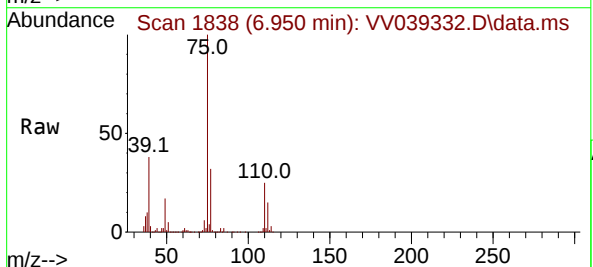
Tgt Ion: 75 Resp: 285977

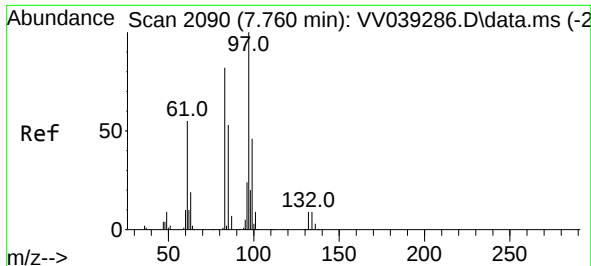
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

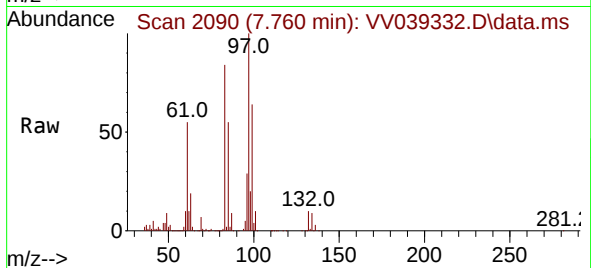
39 38.1 31.0 46.6



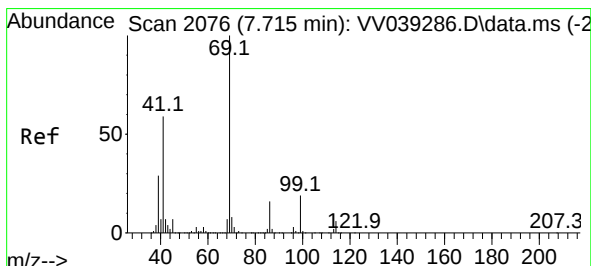
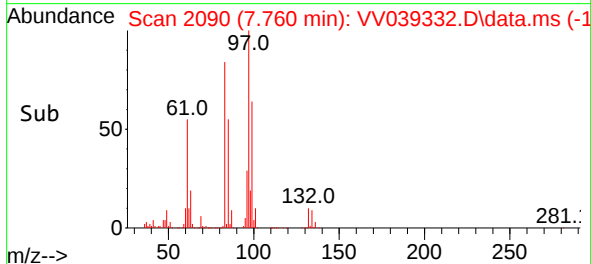
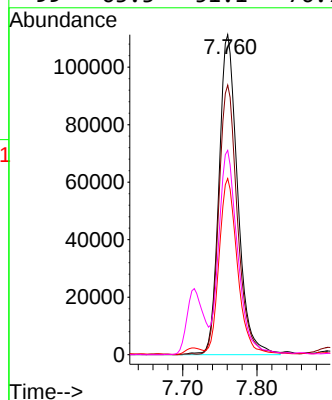


#55
1,1,2-Trichloroethane
Concen: 20.290 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Instrument :
MSVOA_V
ClientSampleId :

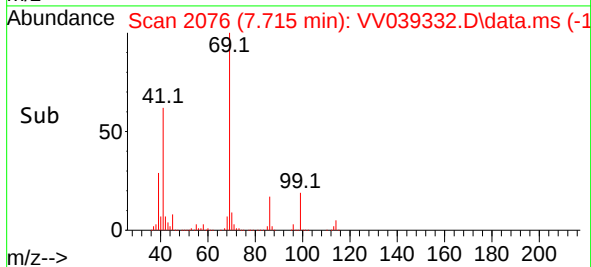
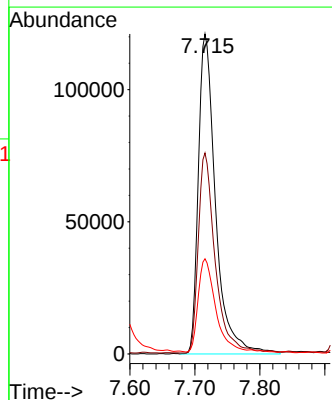
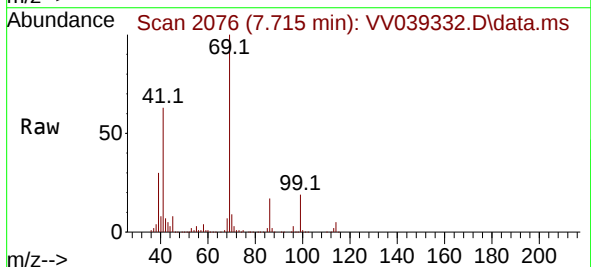


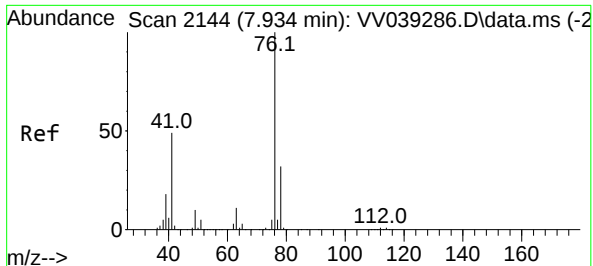
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.8
85	54.8	43.3	64.9
99	63.3	51.1	76.7



#56
Ethyl methacrylate
Concen: 20.612 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.0	47.1	70.7
39	29.2	23.2	34.8





#57

1,3-Dichloropropane

Concen: 20.518 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

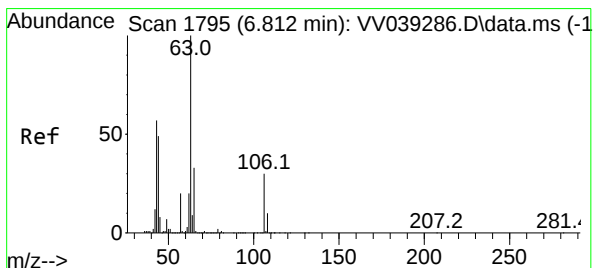
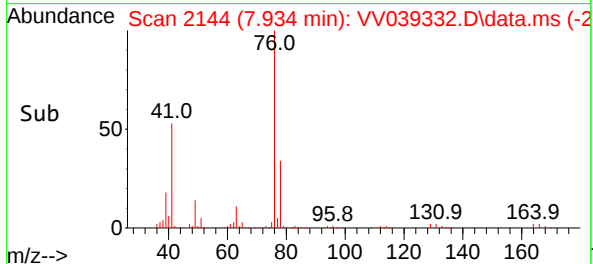
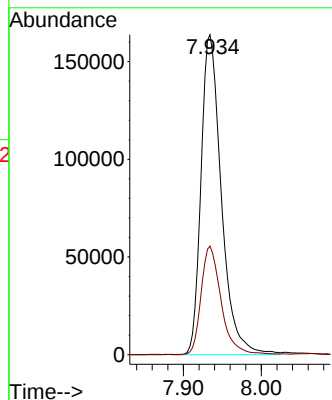
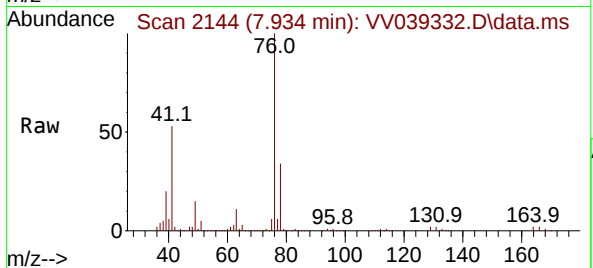
ClientSampleId :

Tgt Ion: 76 Resp: 297149

Ion Ratio Lower Upper

76 100

78 33.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.624 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV039332.D

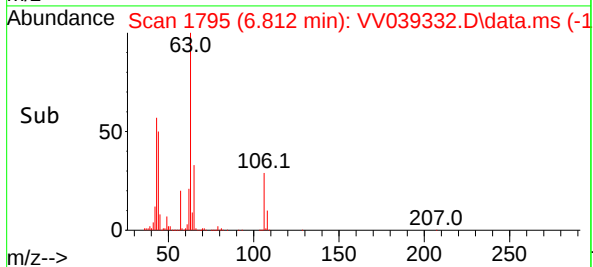
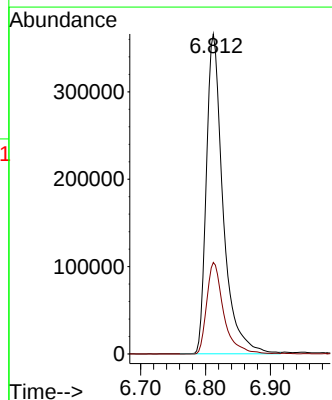
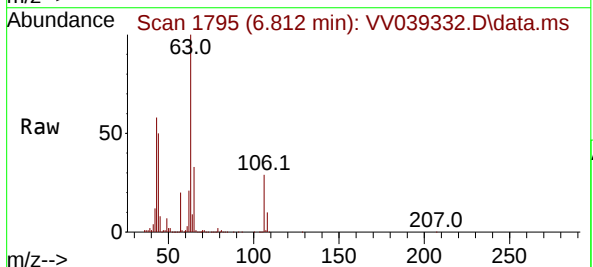
Acq: 05 Nov 2025 13:17

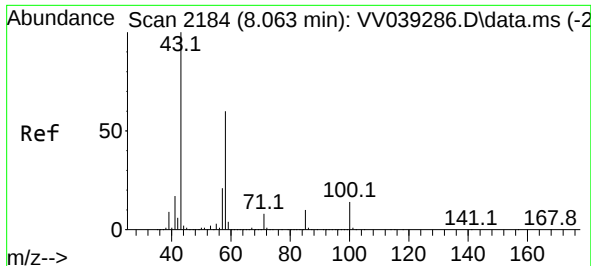
Tgt Ion: 63 Resp: 654835

Ion Ratio Lower Upper

63 100

106 29.1 23.5 35.3

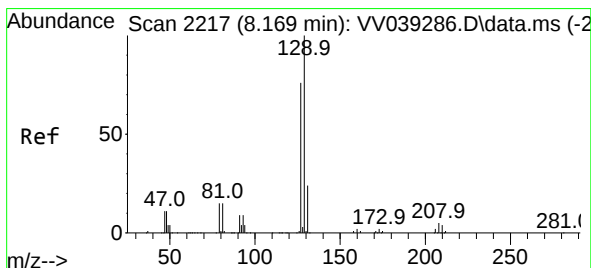
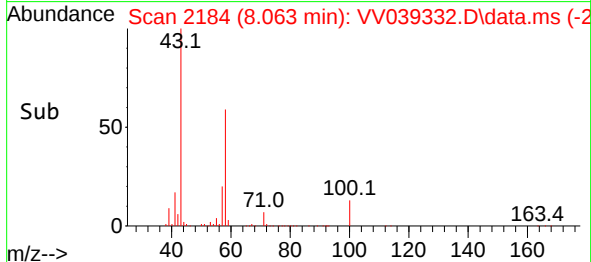
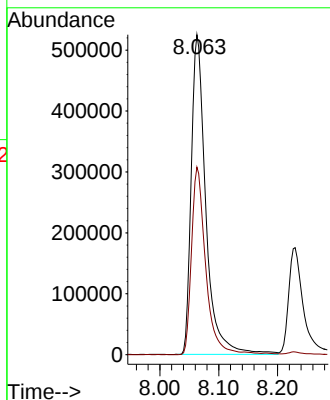
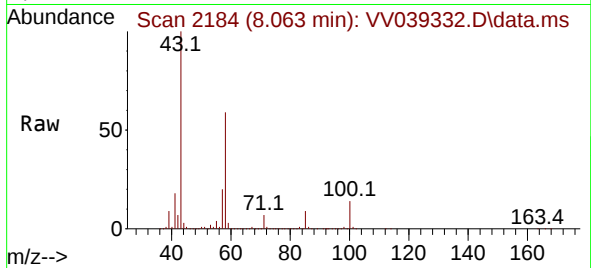




#59
2-Hexanone
Concen: 105.624 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

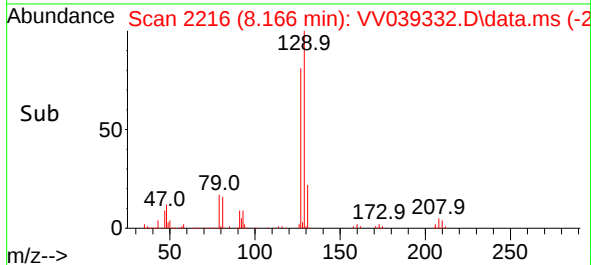
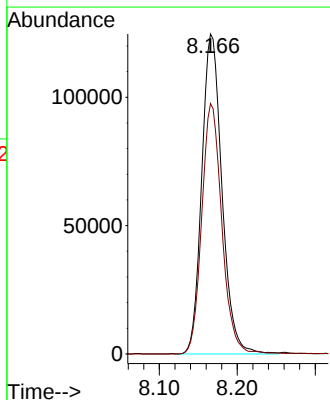
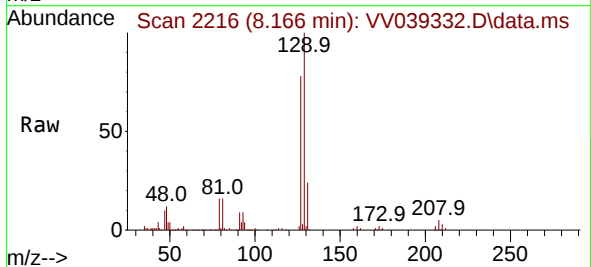
Instrument :
MSVOA_V
ClientSampleId :

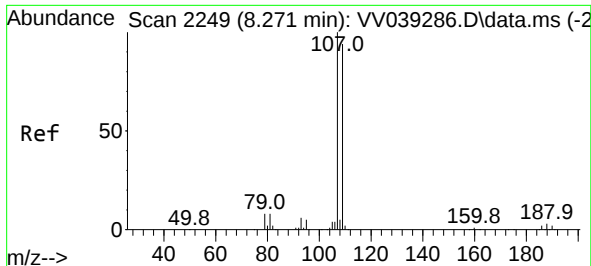
Tgt Ion: 43 Resp: 904520
Ion Ratio Lower Upper
43 100
58 56.5 29.6 88.9



#60
Dibromochloromethane
Concen: 20.018 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 129 Resp: 224625
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1

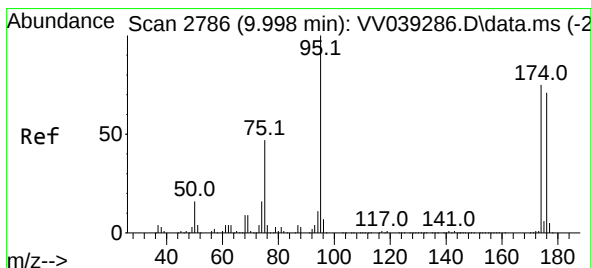
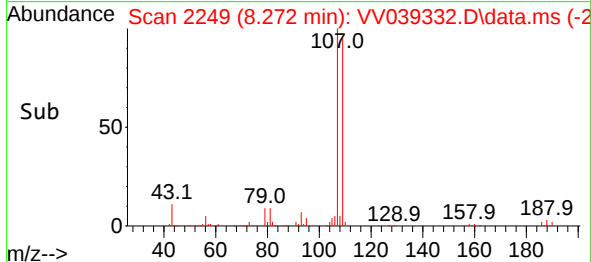
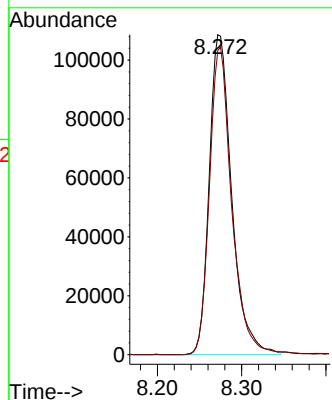
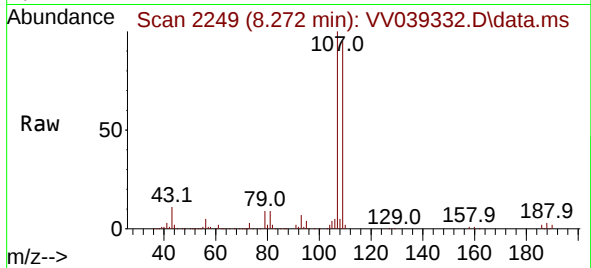




#61
 1,2-Dibromoethane
 Concen: 20.146 ug/l
 RT: 8.272 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

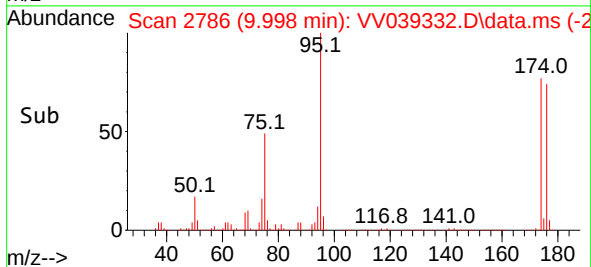
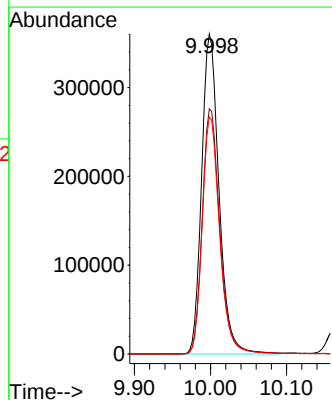
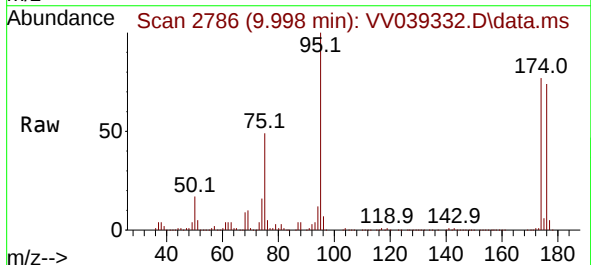
Instrument :
 MSVOA_V
 ClientSampleId :

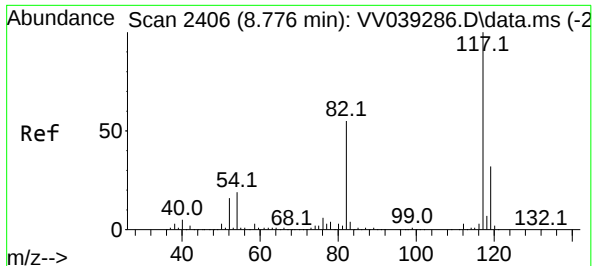
Tgt Ion: 107 Resp: 201318
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 54.077 ug/l
 RT: 9.998 min Scan# 2786
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

Tgt Ion: 95 Resp: 572225
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 153.6
 176 74.3 0.0 146.0

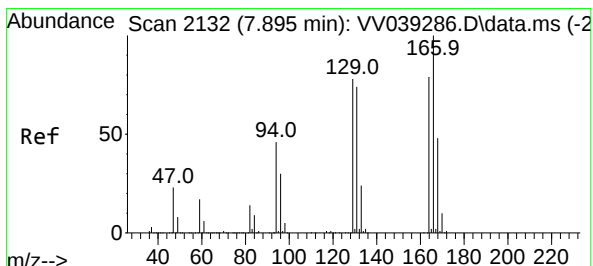
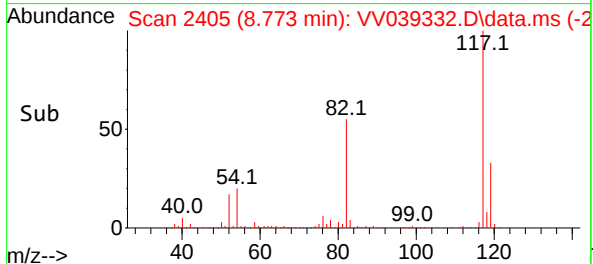
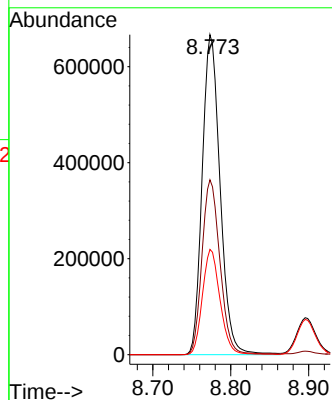
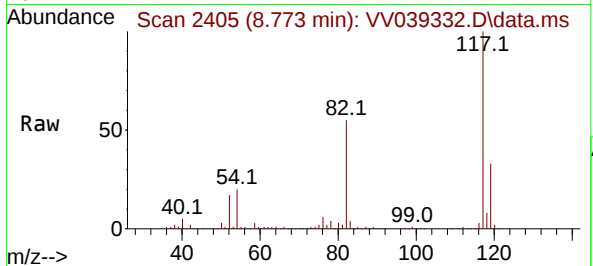




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

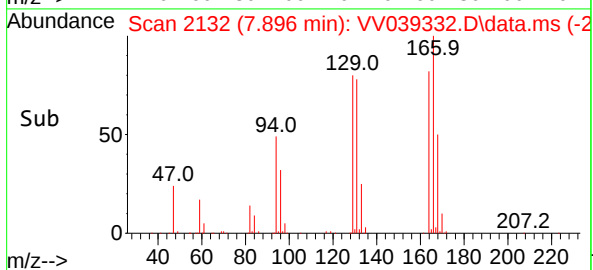
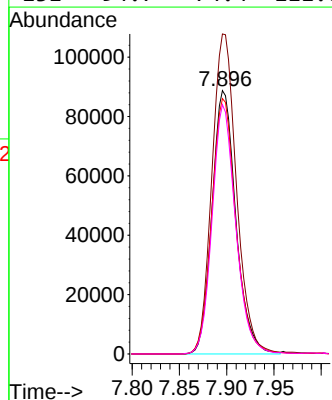
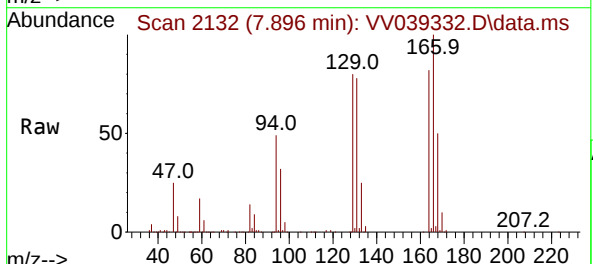
Instrument :
MSVOA_V
ClientSampleId :

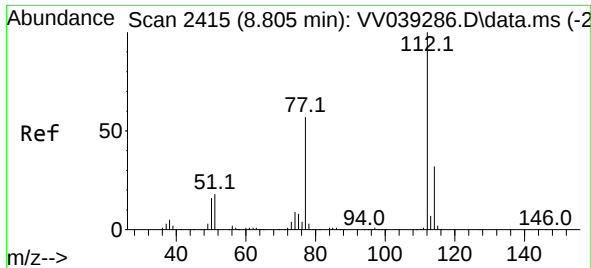
Tgt Ion:117 Resp: 1064992
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 20.075 ug/l
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion:164 Resp: 155960
Ion Ratio Lower Upper
164 100
166 121.5 101.0 151.6
129 97.0 79.0 118.6
131 94.7 74.4 111.6

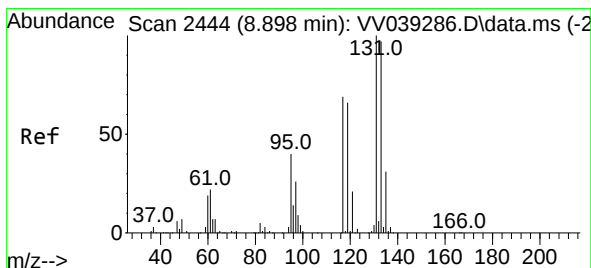
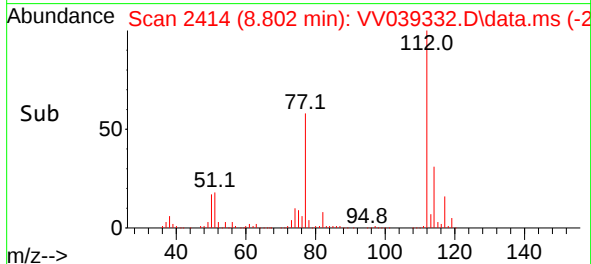
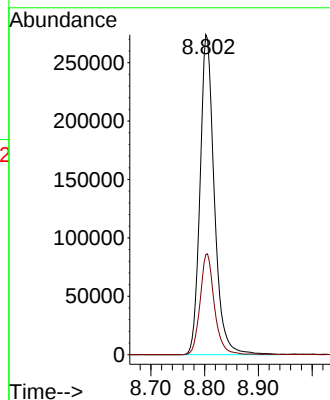
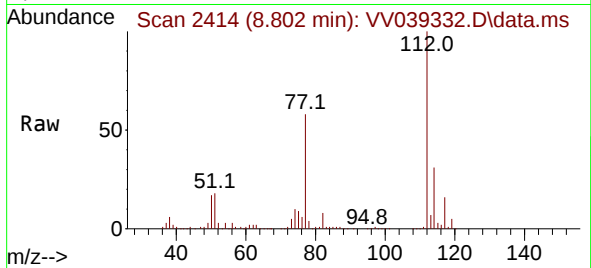




#65
Chlorobenzene
Concen: 20.053 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

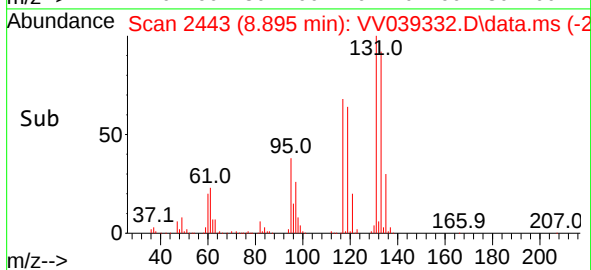
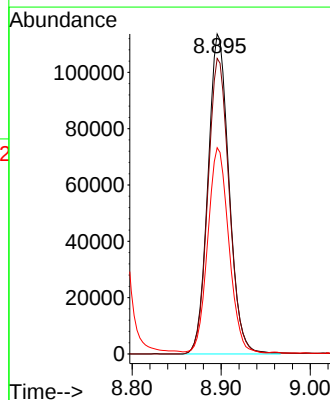
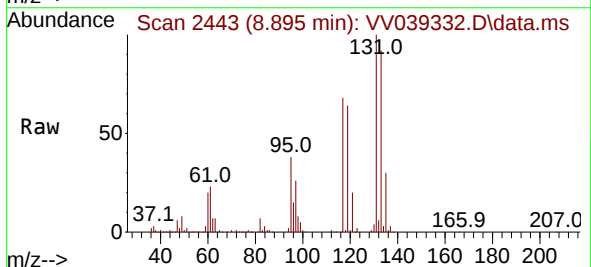
Instrument :
MSVOA_V
ClientSampleId :

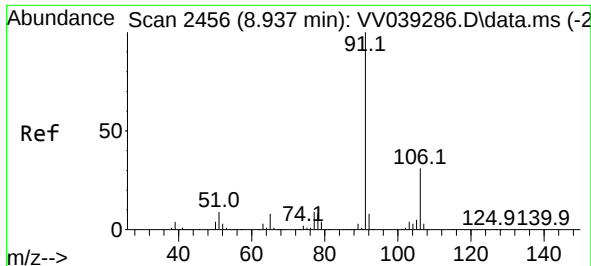
Tgt Ion:112 Resp: 505581
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.768 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion:131 Resp: 186681
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.3
119 64.2 32.7 98.1





#67

Ethyl Benzene

Concen: 20.394 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

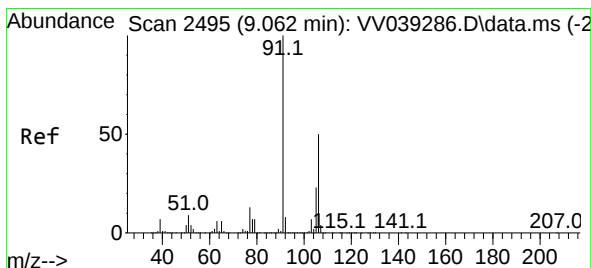
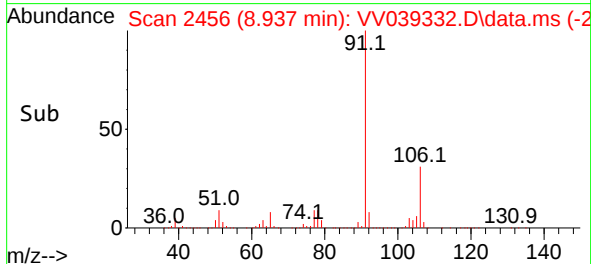
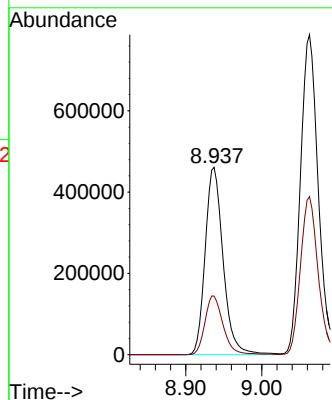
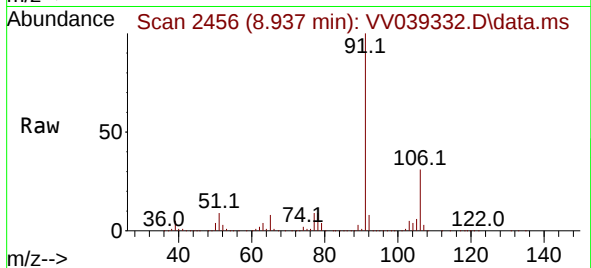
ClientSampleId :

Tgt Ion: 91 Resp: 757371

Ion Ratio Lower Upper

91 100

106 31.3 24.6 37.0



#68

m/p-Xylenes

Concen: 43.166 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039332.D

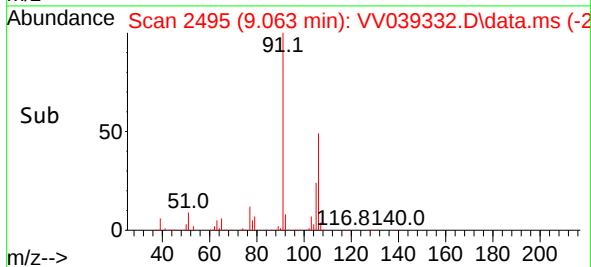
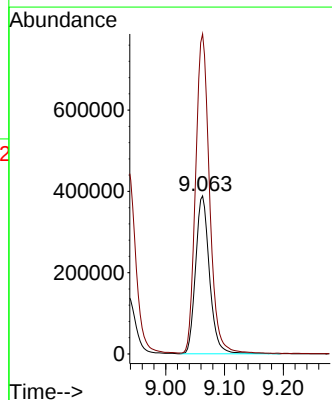
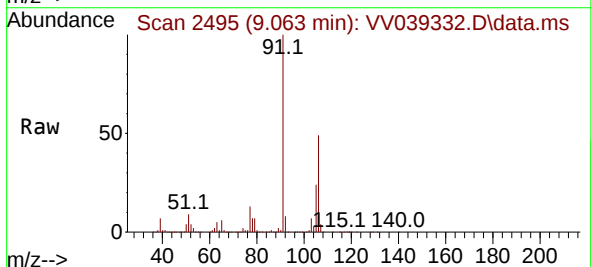
Acq: 05 Nov 2025 13:17

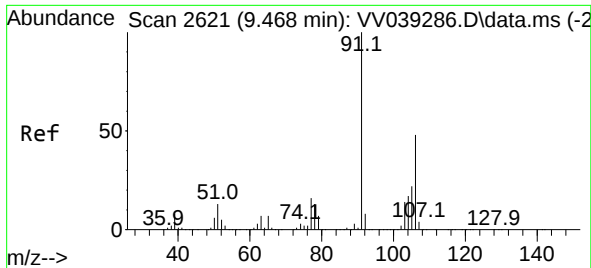
Tgt Ion: 106 Resp: 635807

Ion Ratio Lower Upper

106 100

91 203.0 160.2 240.2

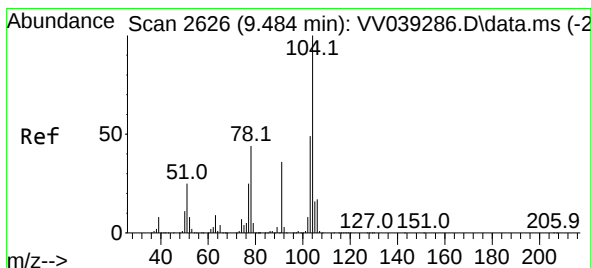
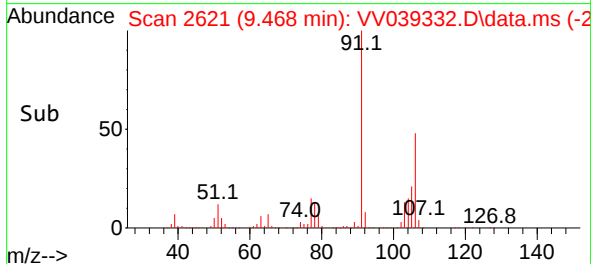
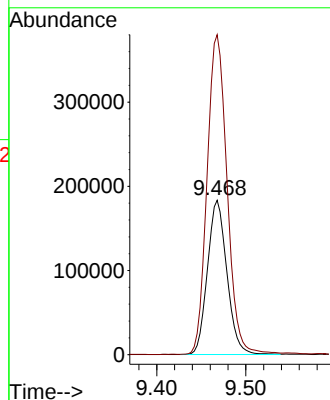
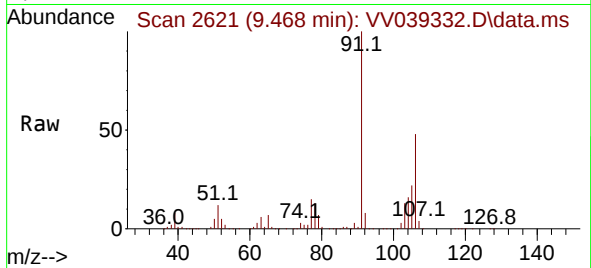




#69
o-Xylene
Concen: 21.360 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

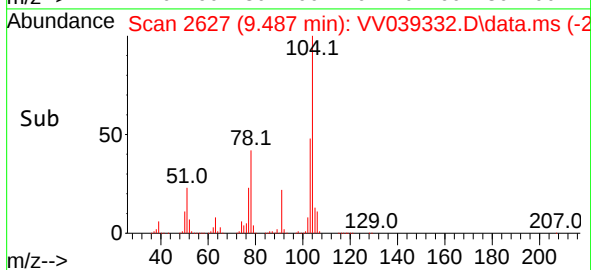
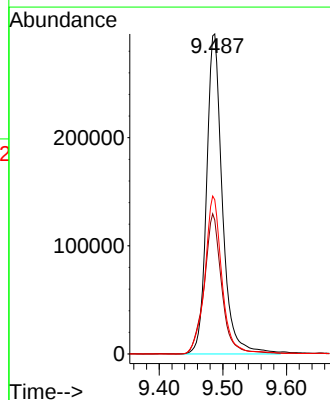
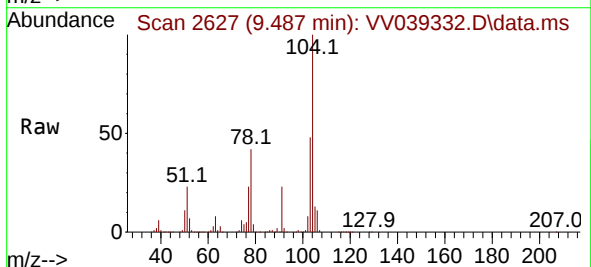
Instrument :
MSVOA_V
ClientSampleId :

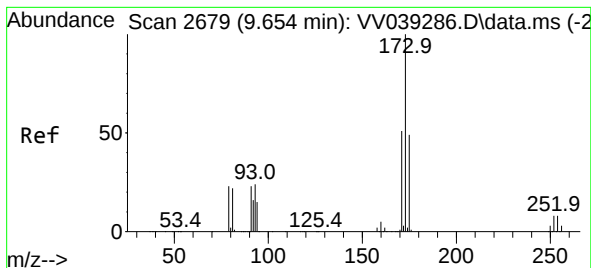
Tgt Ion:106 Resp: 277840
Ion Ratio Lower Upper
106 100
91 212.8 105.8 317.3



#70
Styrene
Concen: 22.057 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion:104 Resp: 510503
Ion Ratio Lower Upper
104 100
78 48.5 38.9 58.3
103 52.9 42.9 64.3





#71

Bromoform

Concen: 19.740 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

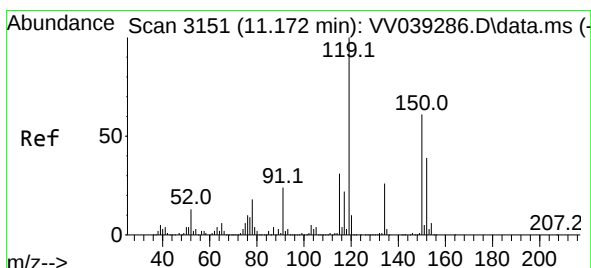
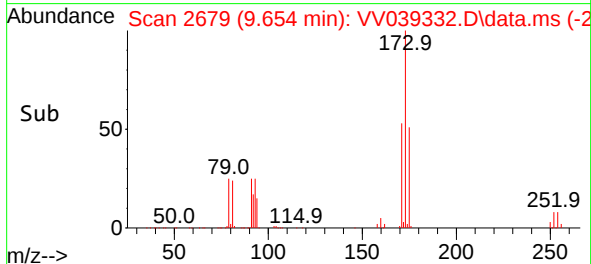
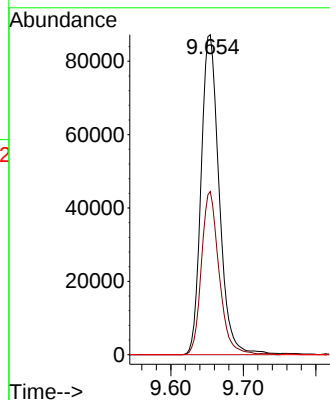
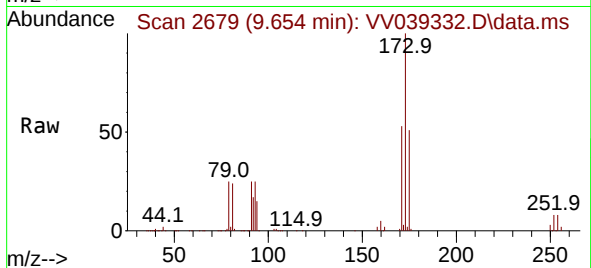
Tgt Ion:173 Resp: 150752

Ion Ratio Lower Upper

173 100

175 49.8 24.6 73.6

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

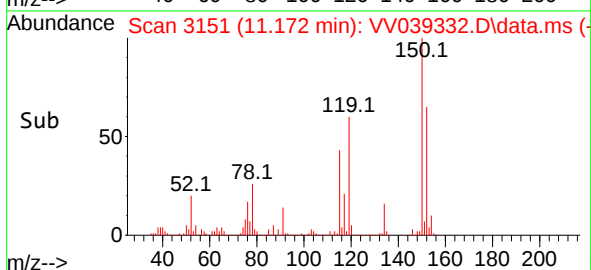
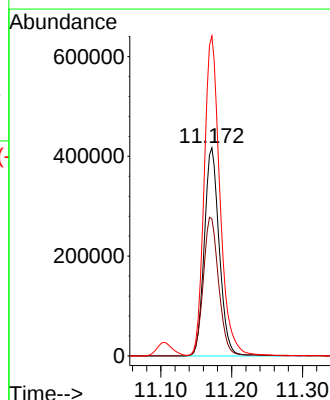
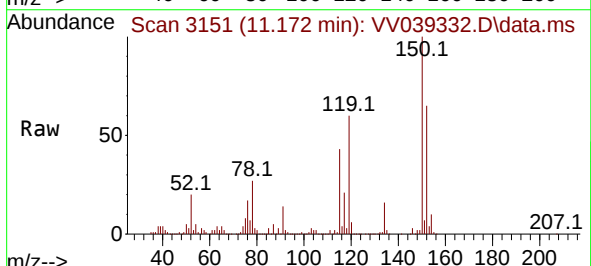
Tgt Ion:152 Resp: 609759

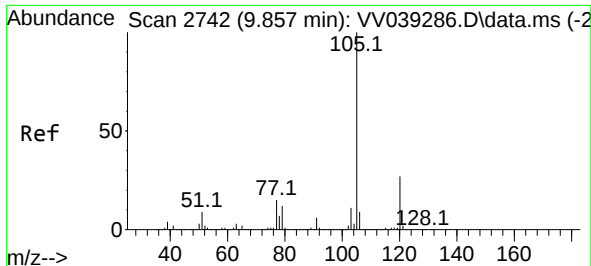
Ion Ratio Lower Upper

152 100

115 68.5 42.3 126.8

150 162.1 0.0 348.0

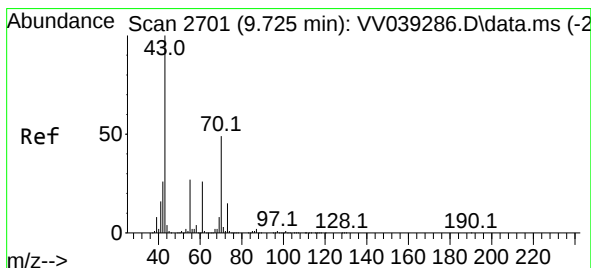
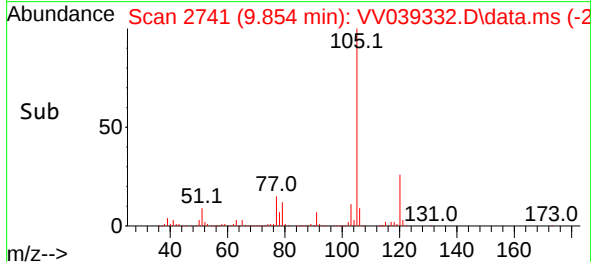
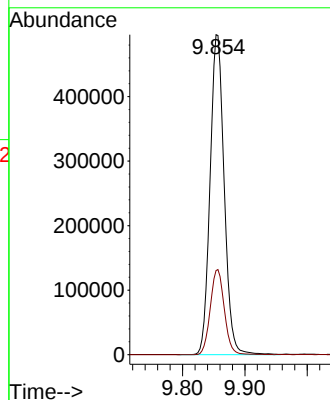
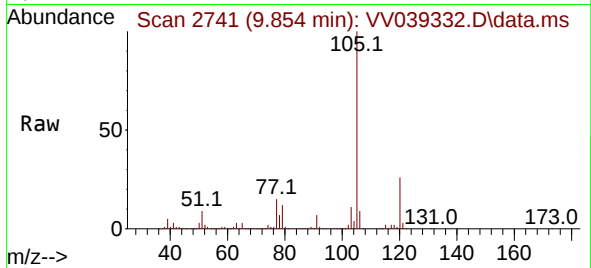




#73
Isopropylbenzene
Concen: 21.028 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

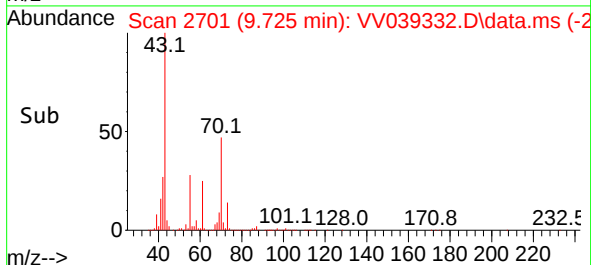
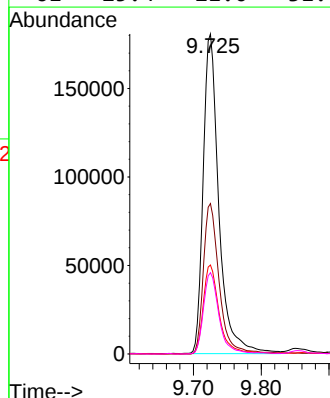
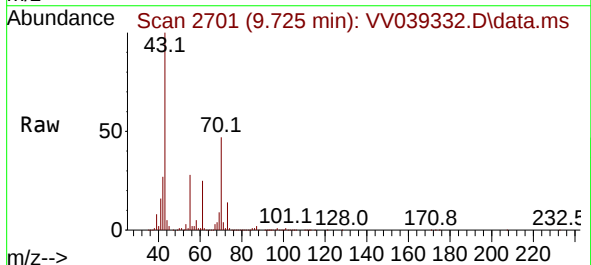
Instrument :
MSVOA_V
ClientSampleId :

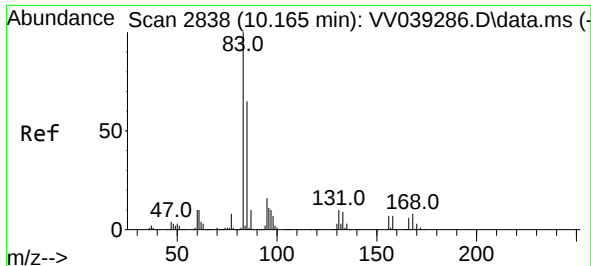
Tgt Ion:105 Resp: 778623
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 19.092 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 43 Resp: 291290
Ion Ratio Lower Upper
43 100
70 47.0 38.6 58.0
55 28.4 21.9 32.9
61 25.4 21.0 31.4

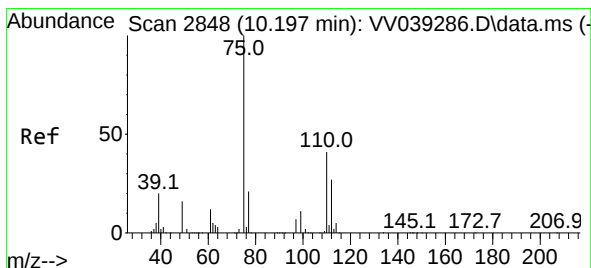
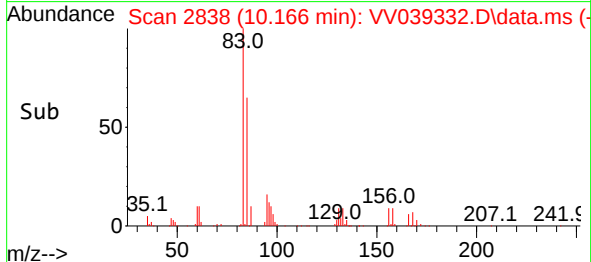
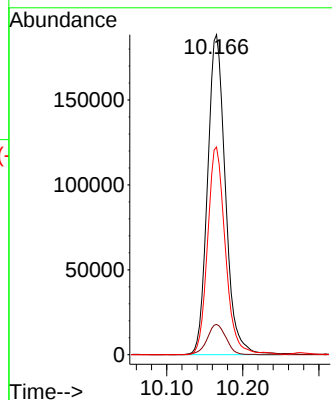
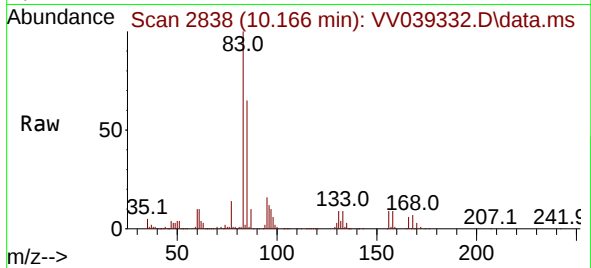




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.094 ug/l
 RT: 10.166 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

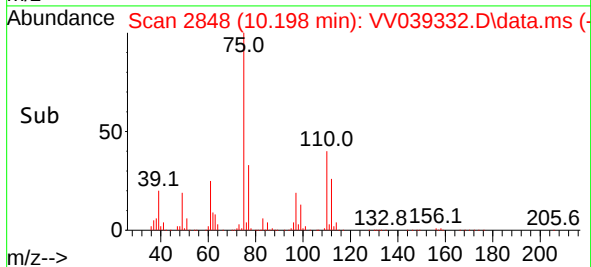
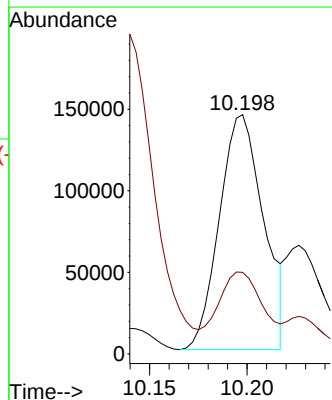
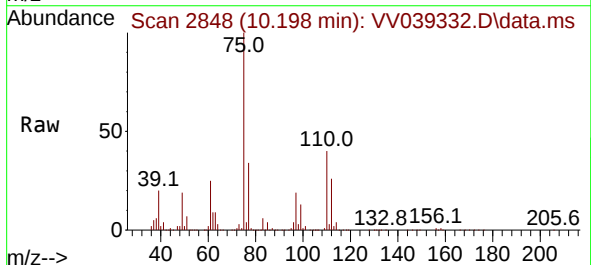
Instrument :
 MSVOA_V
 ClientSampleId :

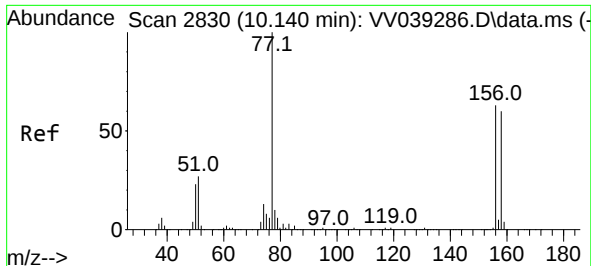
Tgt Ion: 83 Resp: 307667
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 64.3 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 18.715 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV039332.D
 Acq: 05 Nov 2025 13:17

Tgt Ion: 75 Resp: 227760
 Ion Ratio Lower Upper
 75 100
 77 22.1 12.2 36.4

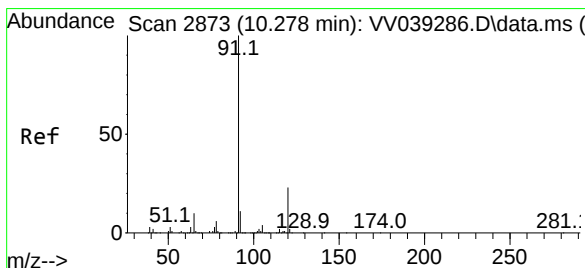
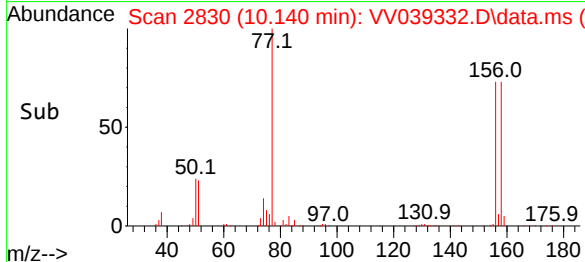
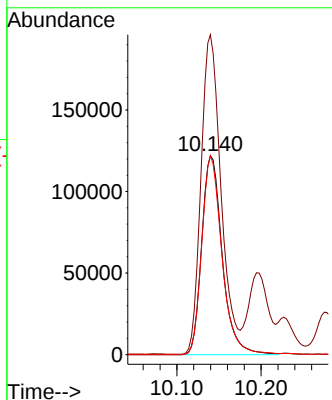
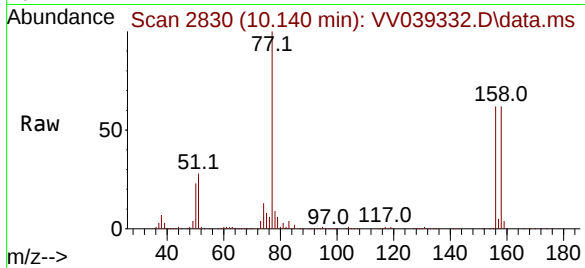




#77
Bromobenzene
Concen: 20.342 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

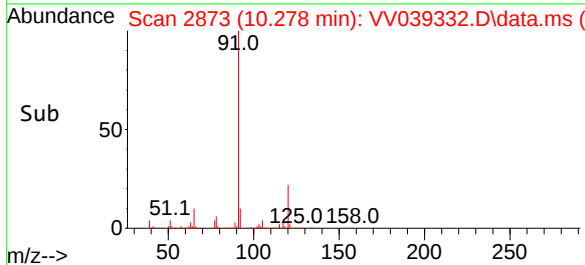
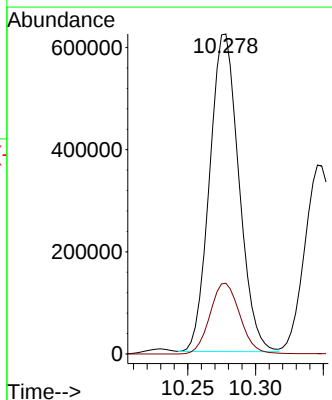
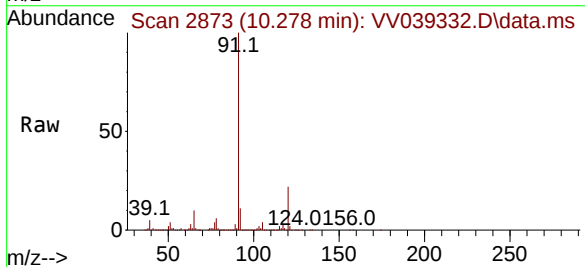
Instrument :
MSVOA_V
ClientSampleId :

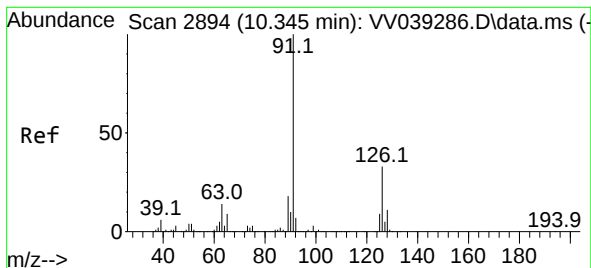
Tgt Ion:156 Resp: 207064
Ion Ratio Lower Upper
156 100
77 156.2 78.4 235.2
158 98.3 47.7 143.1



#78
n-propylbenzene
Concen: 20.807 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 91 Resp: 934818
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5

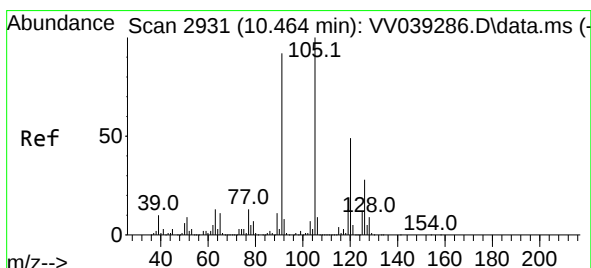
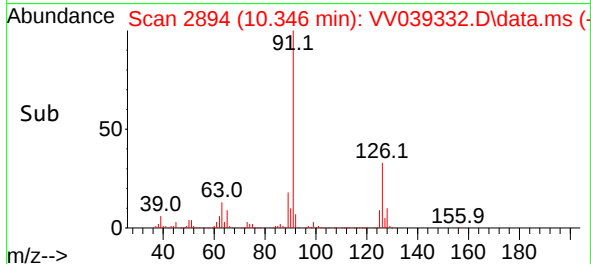
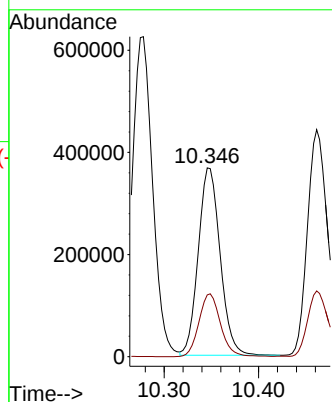
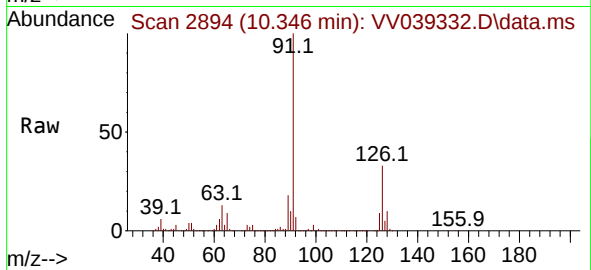




#79
2-Chlorotoluene
Concen: 21.295 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

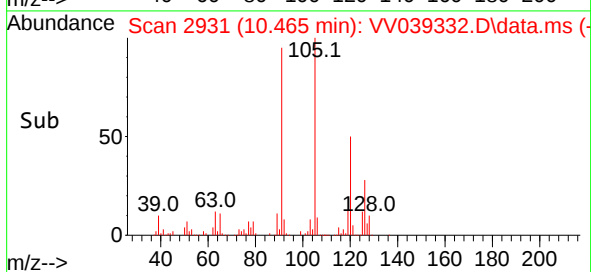
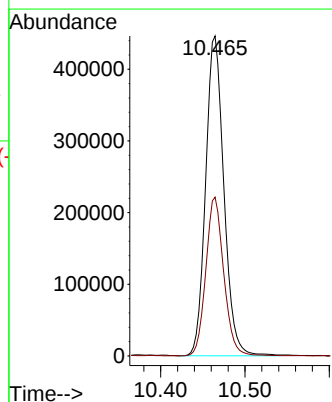
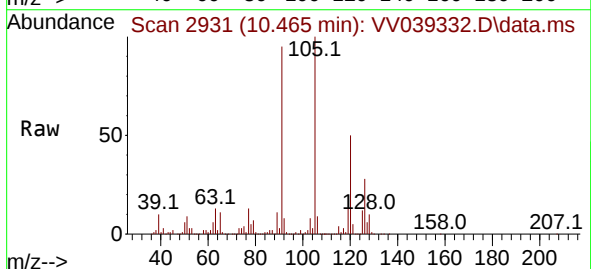
Instrument :
MSVOA_V
ClientSampleId :

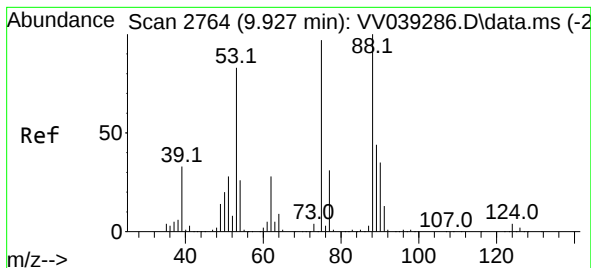
Tgt Ion: 91 Resp: 590696
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.647 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 105 Resp: 672243
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0

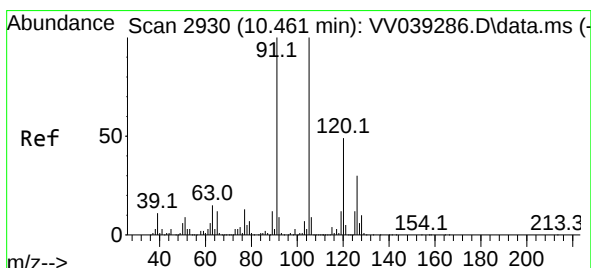
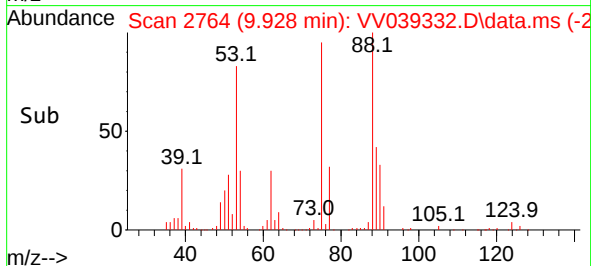
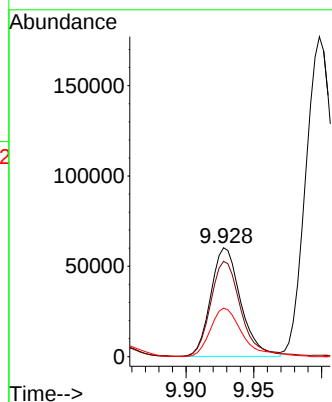
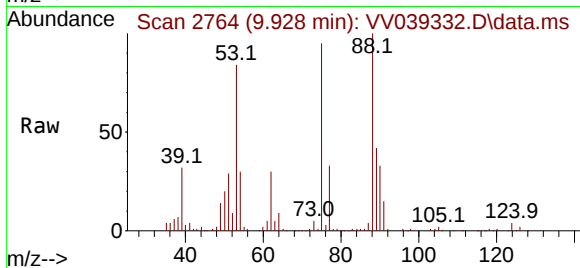




#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

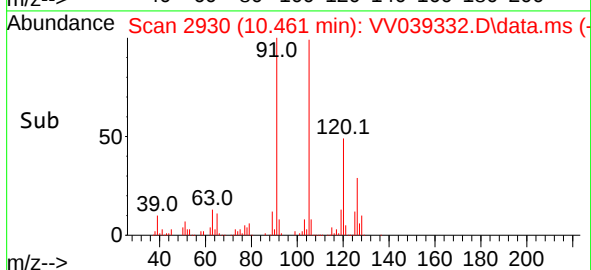
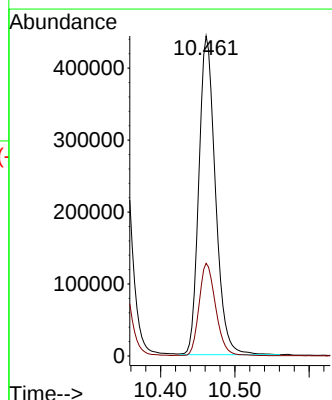
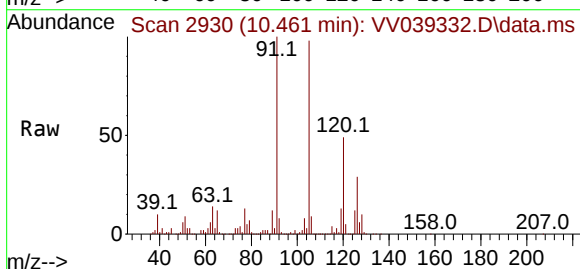
Instrument :
MSVOA_V
ClientSampleId :

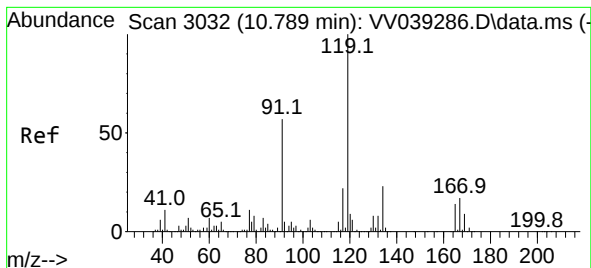
Tgt Ion: 75 Resp: 92394
Ion Ratio Lower Upper
75 100
53 88.2 69.9 104.9
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.537 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion: 91 Resp: 686682
Ion Ratio Lower Upper
91 100
126 29.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 19.938 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

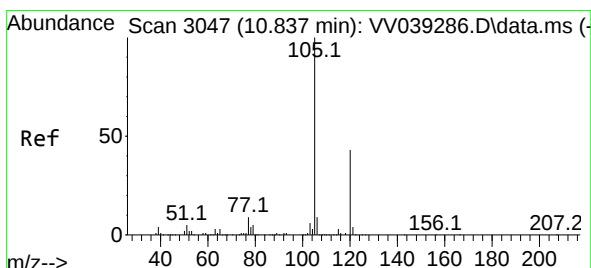
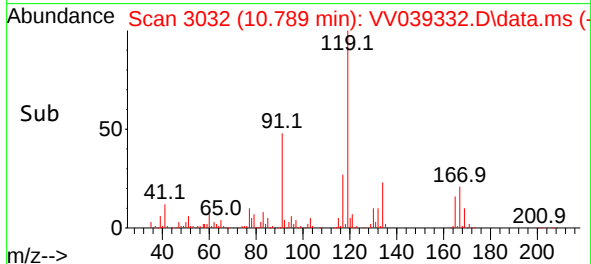
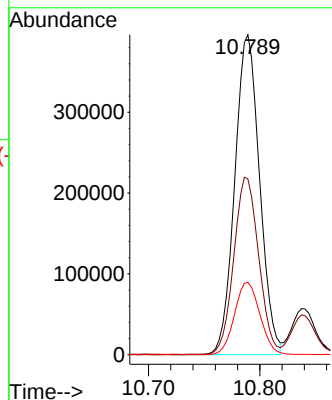
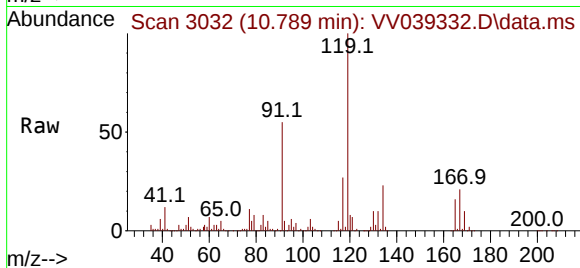
Tgt Ion:119 Resp: 614811

Ion Ratio Lower Upper

119 100

91 55.4 28.2 84.7

134 23.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.578 ug/l

RT: 10.838 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039332.D

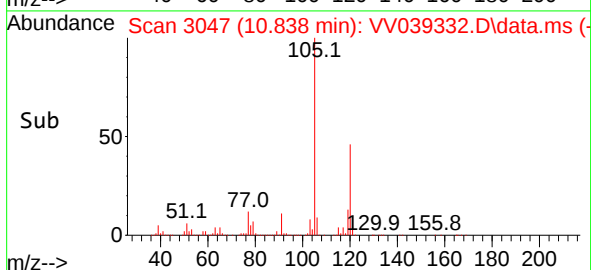
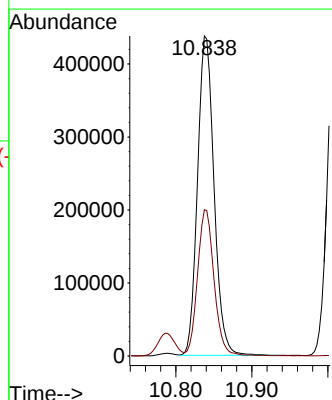
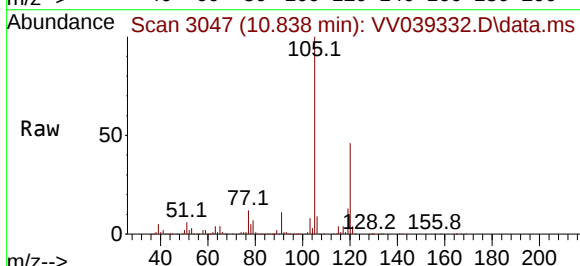
Acq: 05 Nov 2025 13:17

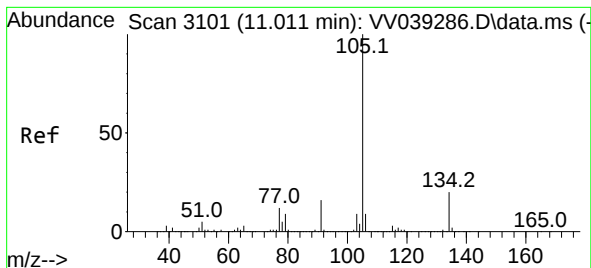
Tgt Ion:105 Resp: 659676

Ion Ratio Lower Upper

105 100

120 45.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.560 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

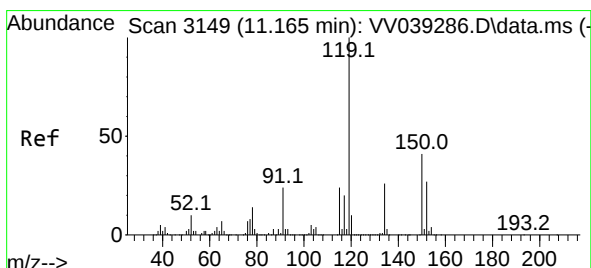
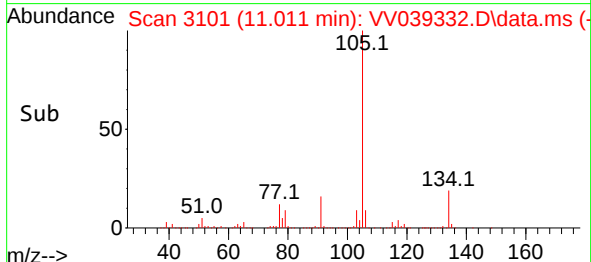
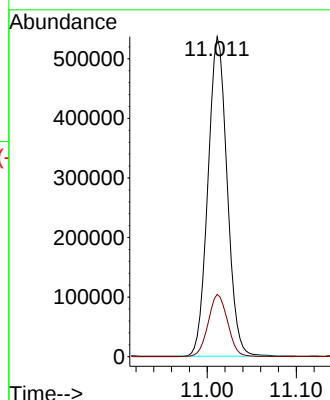
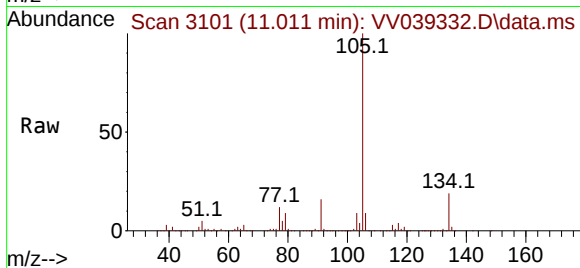
ClientSampleId :

Tgt Ion:105 Resp: 801575

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.684 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

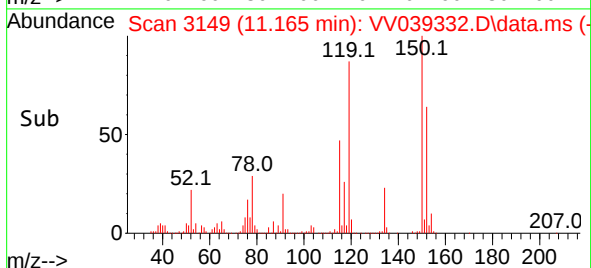
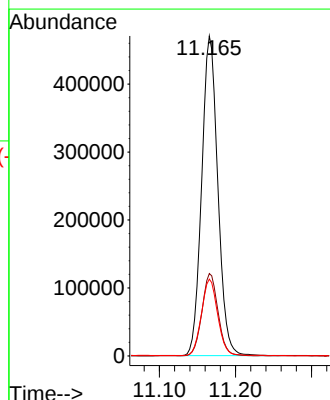
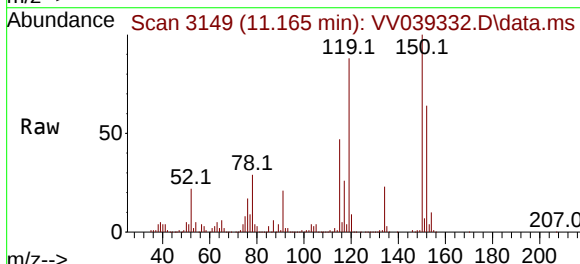
Tgt Ion:119 Resp: 693353

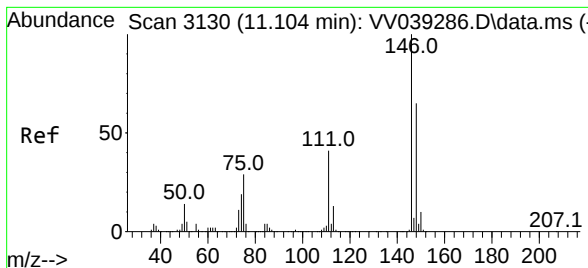
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.047 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

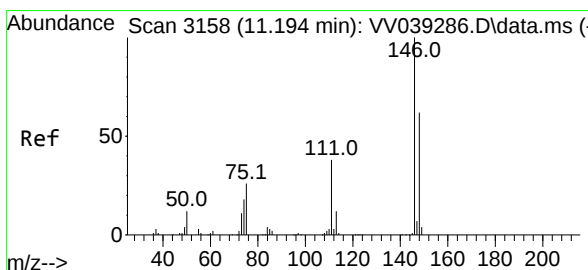
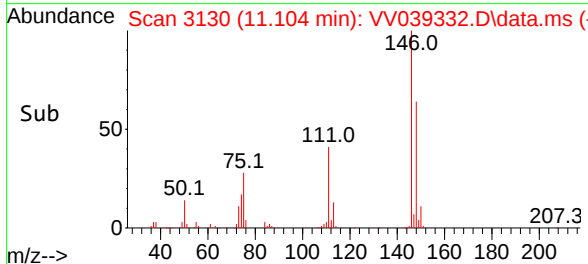
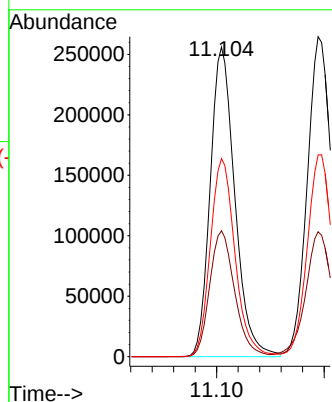
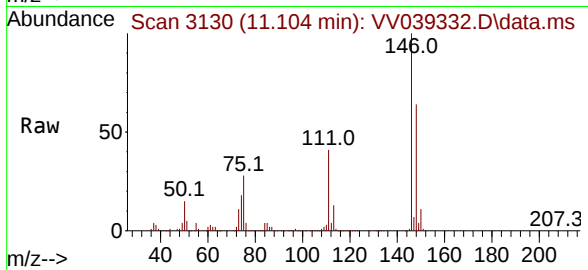
Tgt Ion:146 Resp: 407017

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.191 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

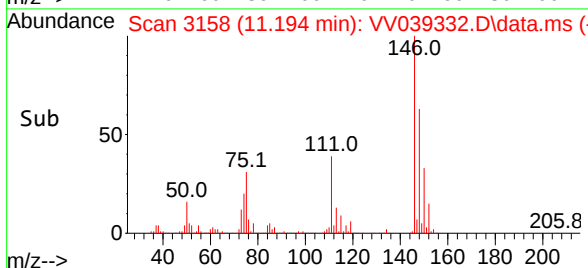
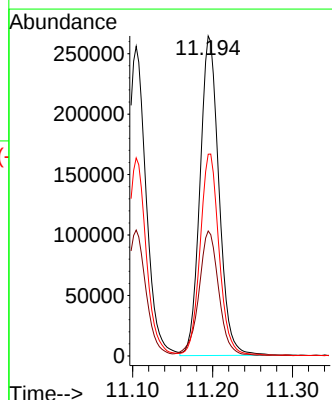
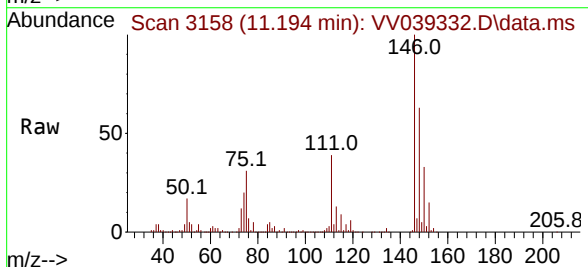
Tgt Ion:146 Resp: 436065

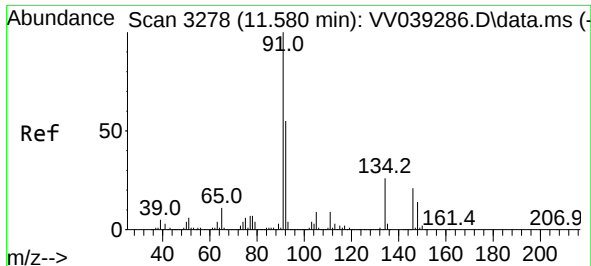
Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 19.714 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

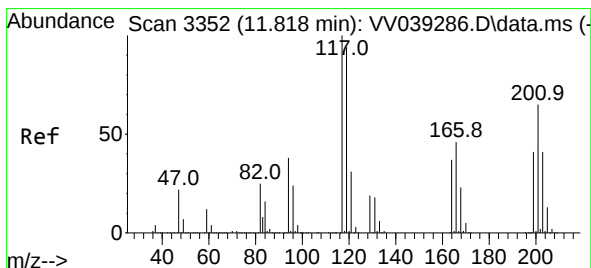
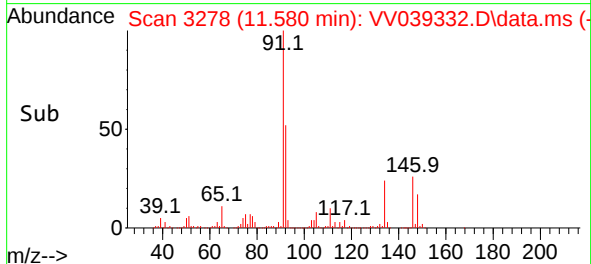
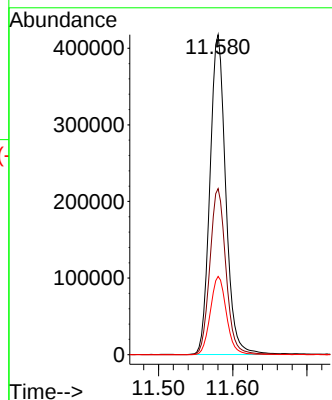
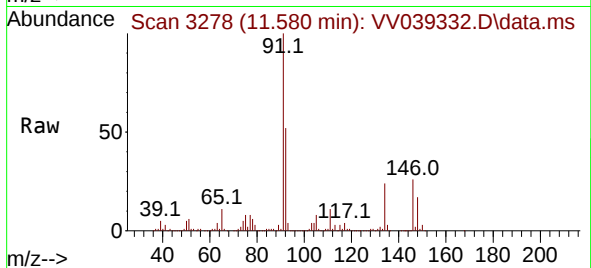
Tgt Ion: 91 Resp: 615426

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.6

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 18.375 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039332.D

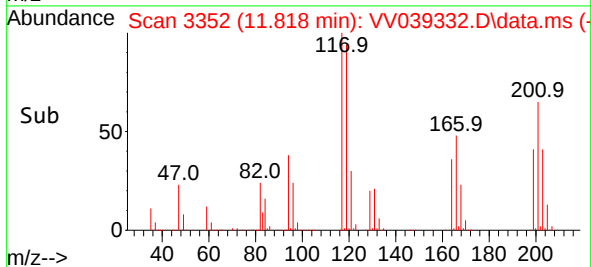
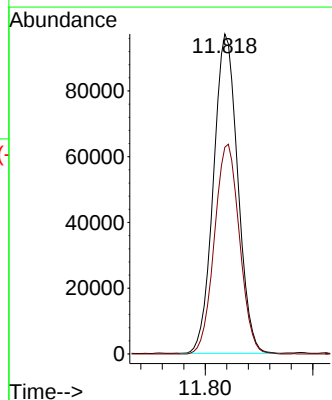
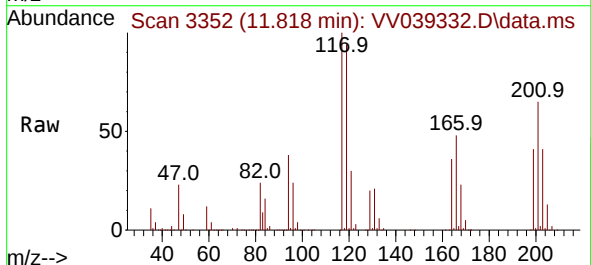
Acq: 05 Nov 2025 13:17

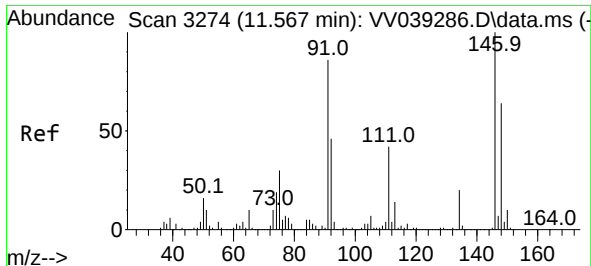
Tgt Ion: 117 Resp: 152309

Ion Ratio Lower Upper

117 100

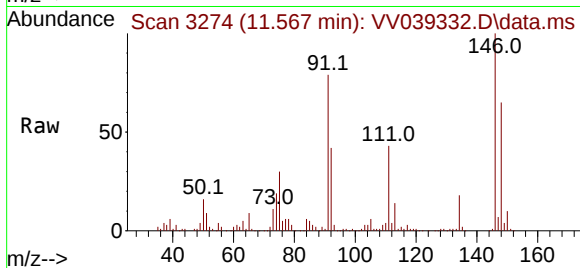
201 67.9 33.7 101.1



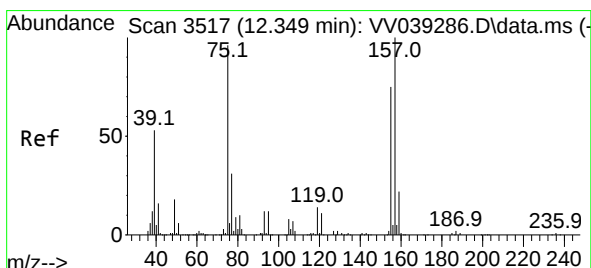
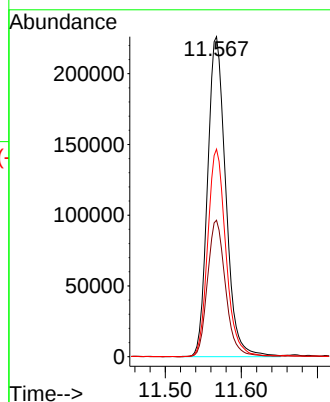
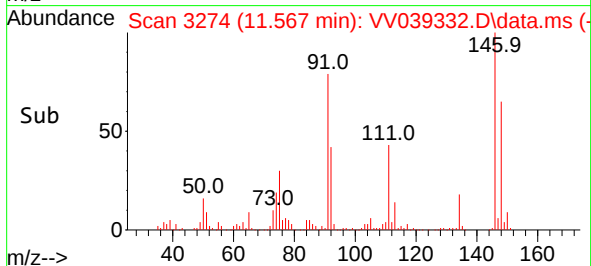


#91
1,2-Dichlorobenzene
Concen: 19.453 ug/l
RT: 11.567 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

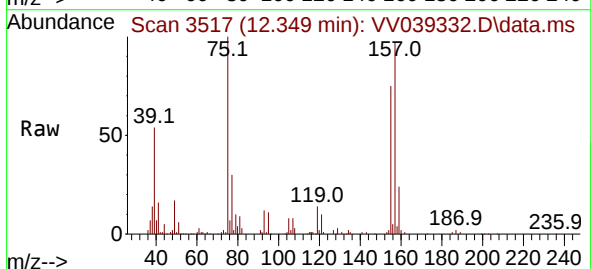
Instrument :
MSVOA_V
ClientSampleId :



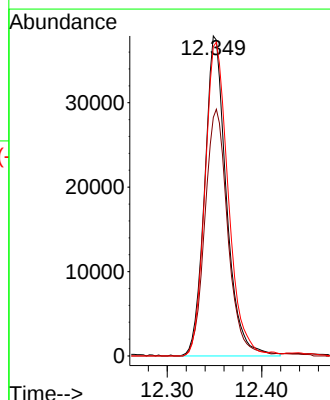
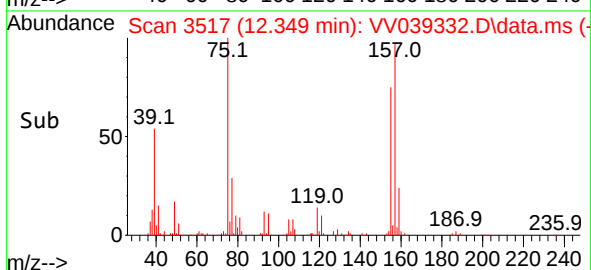
Tgt Ion:146 Resp: 375694
Ion Ratio Lower Upper
146 100
111 42.4 21.3 64.0
148 64.7 31.9 95.7

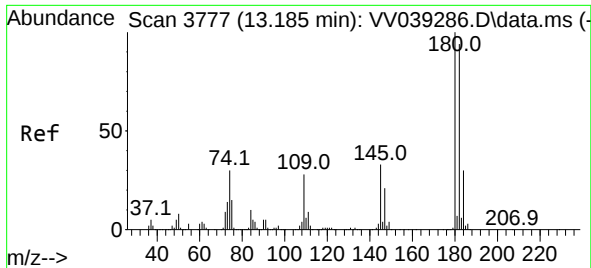


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.368 ug/l
RT: 12.349 min Scan# 3517
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17



Tgt Ion: 75 Resp: 60725
Ion Ratio Lower Upper
75 100
155 80.9 40.8 122.5
157 104.1 53.3 160.0

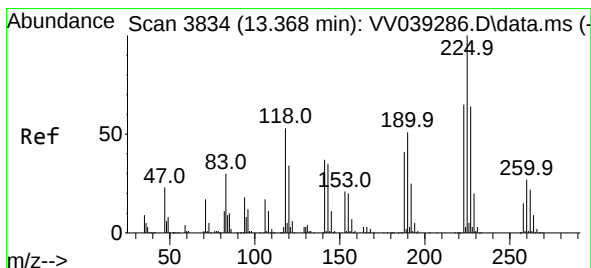
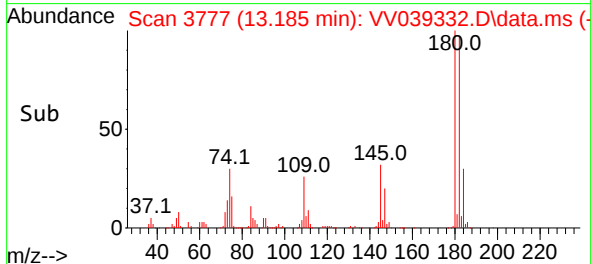
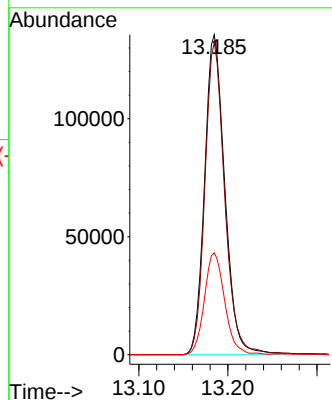
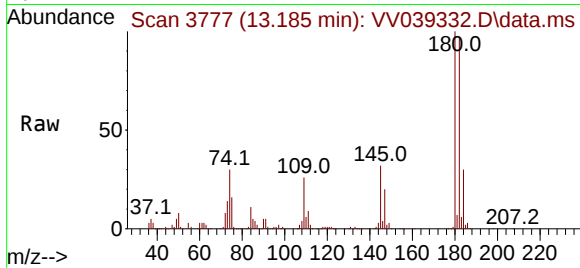




#93
1,2,4-Trichlorobenzene
Concen: 19.831 ug/l
RT: 13.185 min Scan# 3777
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

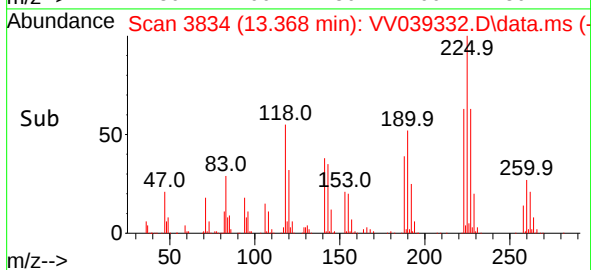
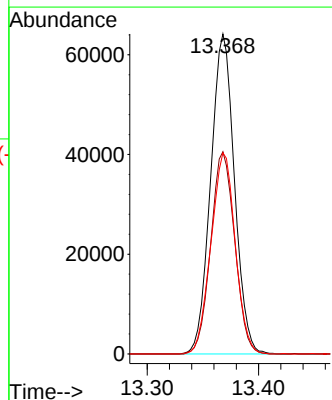
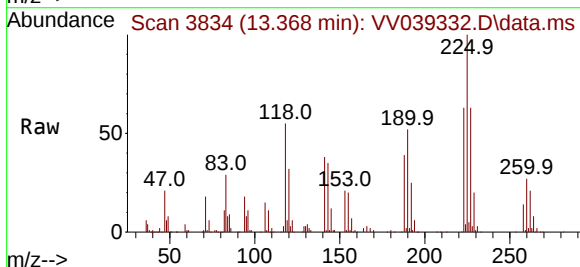
Instrument :
MSVOA_V
ClientSampleId :

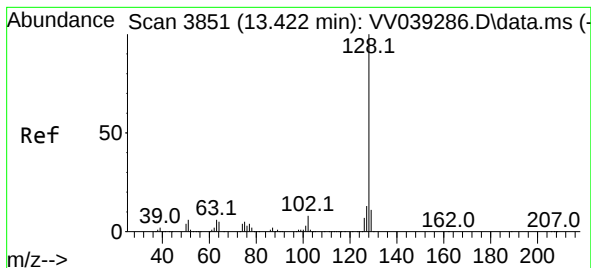
Tgt Ion:180 Resp: 213606
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 32.0 16.3 48.9



#94
Hexachlorobutadiene
Concen: 17.424 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VV039332.D
Acq: 05 Nov 2025 13:17

Tgt Ion:225 Resp: 95038
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.8
227 64.3 31.7 95.1





#95

Naphthalene

Concen: 18.983 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Instrument :

MSVOA_V

ClientSampleId :

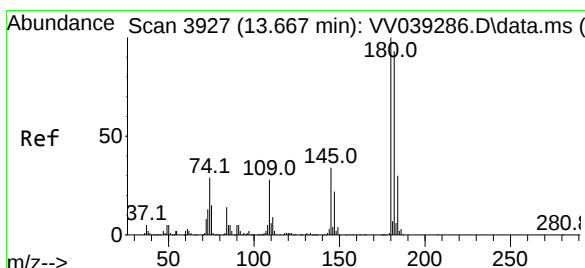
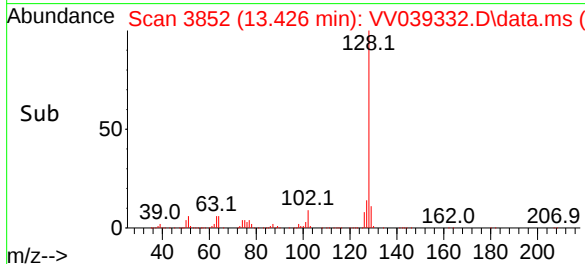
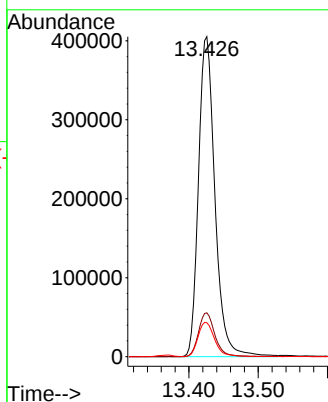
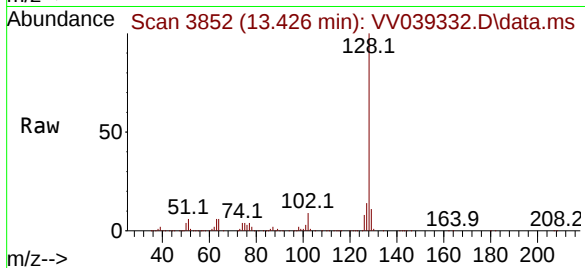
Tgt Ion:128 Resp: 669914

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.461 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039332.D

Acq: 05 Nov 2025 13:17

Tgt Ion:180 Resp: 217871

Ion Ratio Lower Upper

180 100

182 95.0 46.7 140.1

145 35.1 17.2 51.5

