

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039268.D
 Acq On : 06 Oct 2025 13:01
 Operator : SY/MD
 Sample : VV1006WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBS01

Quant Time: Oct 07 03:32:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	527068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	830218	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	815170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	499953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	338703	44.401	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	88.800%
35) Dibromofluoromethane	4.500	113	340112	50.959	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.920%
50) Toluene-d8	7.236	98	927508	47.316	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.640%
62) 4-Bromofluorobenzene	10.001	95	448797	55.614	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	111.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	139015	16.662	ug/l	99
3) Chloromethane	1.230	50	149826	16.727	ug/l	99
4) Vinyl Chloride	1.298	62	170586	17.790	ug/l	98
5) Bromomethane	1.497	94	103512	17.124	ug/l	100
6) Chloroethane	1.561	64	126939	21.219	ug/l	100
7) Trichlorofluoromethane	1.725	101	266595	19.203	ug/l	100
8) Diethyl Ether	1.918	74	100028	19.408	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	162419	19.662	ug/l	96
10) Methyl Iodide	2.198	142	139690	17.758	ug/l	99
11) Tert butyl alcohol	2.568	59	178395	110.650	ug/l	100
12) 1,1-Dichloroethene	2.082	96	154217	19.406	ug/l	94
13) Acrolein	2.015	56	11498	41.100	ug/l	96
14) Allyl chloride	2.359	41	256475	18.068	ug/l	95
15) Acrylonitrile	2.674	53	510547	98.784	ug/l	99
16) Acetone	2.121	43	462445	91.482	ug/l	99
17) Carbon Disulfide	2.253	76	409655	16.856	ug/l	100
18) Methyl Acetate	2.381	43	264354	23.389	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	531880	21.004	ug/l	98
20) Methylene Chloride	2.455	84	184333	20.849	ug/l	92
21) trans-1,2-Dichloroethene	2.703	96	163794	19.361	ug/l	98
22) Diisopropyl ether	3.217	45	525952	19.365	ug/l	93
23) Vinyl Acetate	3.191	43	2225627	93.676	ug/l	97
24) 1,1-Dichloroethane	3.118	63	319925	19.262	ug/l	98
25) 2-Butanone	3.870	43	594962	97.400	ug/l	98
26) 2,2-Dichloropropane	3.809	77	263919	17.921	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	186221	19.958	ug/l	97
28) Bromochloromethane	4.150	49	159382	21.737	ug/l	88
29) Tetrahydrofuran	4.240	42	373183	97.604	ug/l	96
30) Chloroform	4.278	83	326625	18.833	ug/l	98
31) Cyclohexane	4.580	56	221556	16.284	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	285795	19.034	ug/l	97
36) 1,1-Dichloropropene	4.744	75	194548	19.280	ug/l	98
37) Ethyl Acetate	3.982	43	230495	18.824	ug/l	99
38) Carbon Tetrachloride	4.735	117	241073	19.548	ug/l	99
39) Methylcyclohexane	6.047	83	210957	17.311	ug/l	97
40) Benzene	5.008	78	651715	19.833	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	97082	18.776	ug/l	92
42) 1,2-Dichloroethane	5.040	62	224925	19.536	ug/l	99
43) Isopropyl Acetate	5.195	43	336690	20.167	ug/l	97
44) Trichloroethene	5.831	130	156385	20.625	ug/l	99
45) 1,2-Dichloropropane	6.088	63	159115	19.482	ug/l	96
46) Dibromomethane	6.227	93	130588	20.890	ug/l	95
47) Bromodichloromethane	6.426	83	259328	20.067	ug/l	99
48) Methyl methacrylate	6.301	41	148201	19.583	ug/l	96
49) 1,4-Dioxane	6.297	88	52350	428.642	ug/l	96
51) 4-Methyl-2-Pentanone	7.149	43	1197410	109.020	ug/l	98
52) Toluene	7.310	92	406421	21.332	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	244211	21.684	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	271456	21.833	ug/l	96
55) 1,1,2-Trichloroethane	7.760	97	180593	21.140	ug/l	96
56) Ethyl methacrylate	7.719	69	219796	21.666	ug/l	97
57) 1,3-Dichloropropane	7.934	76	279212	20.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	450595	85.256	ug/l	97
59) 2-Hexanone	8.066	43	876466	100.266	ug/l	99
60) Dibromochloromethane	8.169	129	207193	21.286	ug/l	98
61) 1,2-Dibromoethane	8.275	107	190812	21.841	ug/l	100
64) Tetrachloroethene	7.895	164	137556	20.147	ug/l	99
65) Chlorobenzene	8.805	112	471780	20.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	175052	21.337	ug/l	98
67) Ethyl Benzene	8.937	91	709730	20.649	ug/l	99
68) m/p-Xylenes	9.063	106	583751	44.005	ug/l	99
69) o-Xylene	9.468	106	257164	21.894	ug/l	98
70) Styrene	9.487	104	484260	20.337	ug/l	98
71) Bromoform	9.654	173	143243	22.352	ug/l #	98
73) Isopropylbenzene	9.857	105	718263	19.808	ug/l	99
74) N-amyl acetate	9.725	43	283274	19.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	299775	18.868	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	225450	19.806	ug/l	97
77) Bromobenzene	10.143	156	194118	20.633	ug/l	95
78) n-propylbenzene	10.278	91	859265	19.459	ug/l	98
79) 2-Chlorotoluene	10.349	91	544453	20.605	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	608916	20.203	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	88371	18.637	ug/l	98
82) 4-Chlorotoluene	10.464	91	638047	20.825	ug/l	99
83) tert-Butylbenzene	10.789	119	580986	19.331	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	606570	20.729	ug/l	99
85) sec-Butylbenzene	11.014	105	746133	18.717	ug/l	99
86) p-Isopropyltoluene	11.169	119	634984	19.138	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	376684	19.783	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	400394	19.167	ug/l	98
89) n-Butylbenzene	11.580	91	584712	18.453	ug/l	99
90) Hexachloroethane	11.821	117	138340	16.932	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	351285	19.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	59576	21.068	ug/l	93
93) 1,2,4-Trichlorobenzene	13.185	180	207321	20.331	ug/l	99
94) Hexachlorobutadiene	13.368	225	89509	16.893	ug/l	98
95) Naphthalene	13.426	128	670606	20.346	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	212131	20.340	ug/l	99

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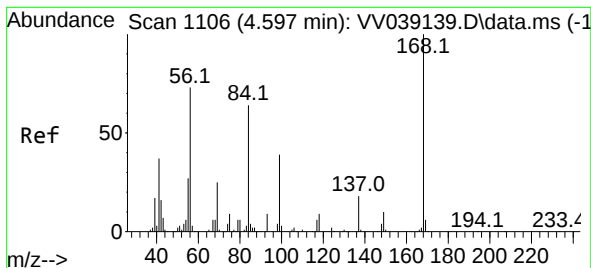
Quant Time: Oct 07 03:32:10 2025
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QLast Update : Wed Sep 24 08:08:08 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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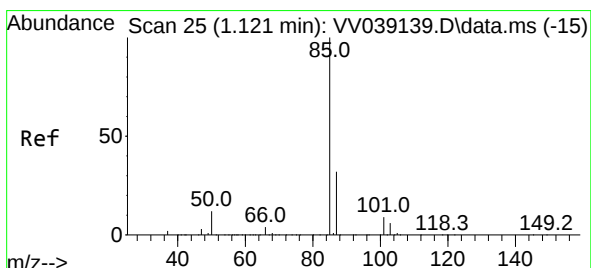
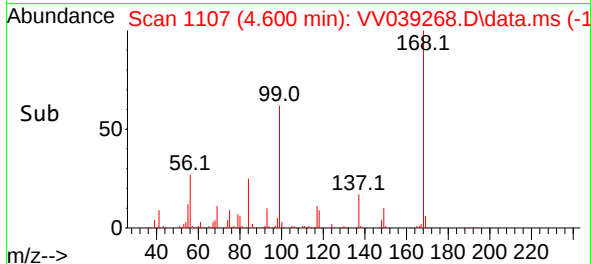
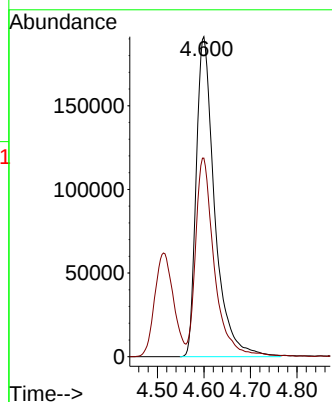
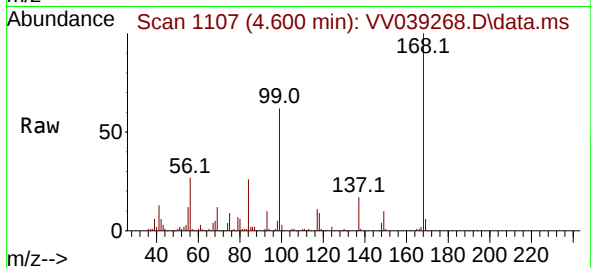




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039268.D
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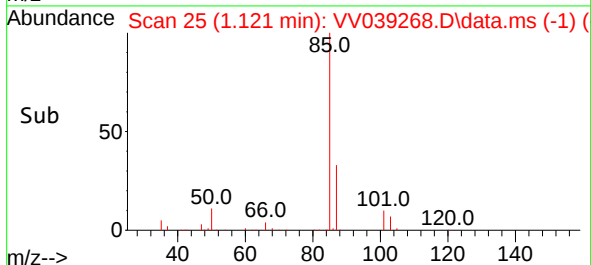
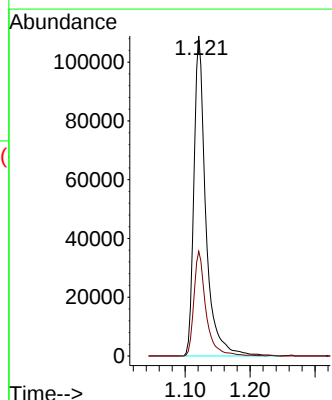
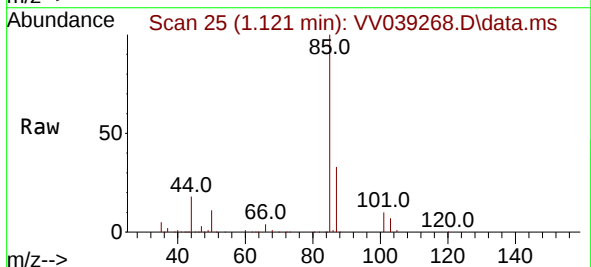
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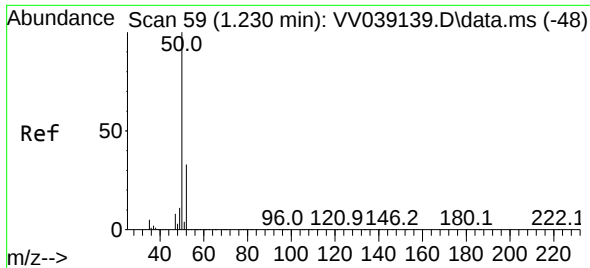
Tgt Ion:168 Resp: 527068
Ion Ratio Lower Upper
168 100
99 61.6 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 16.662 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 85 Resp: 139015
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9

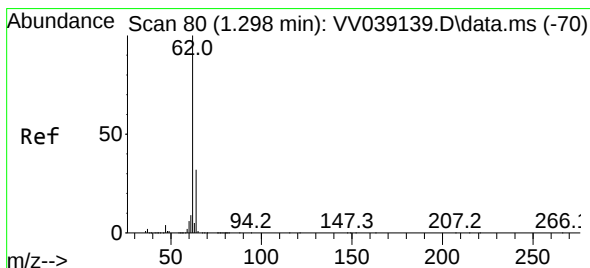
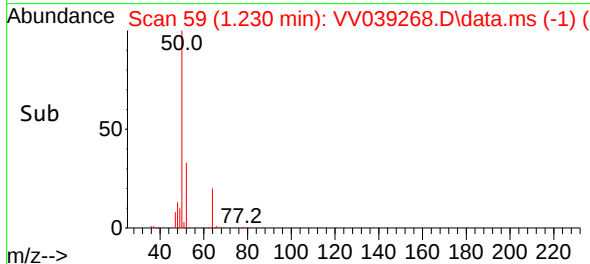
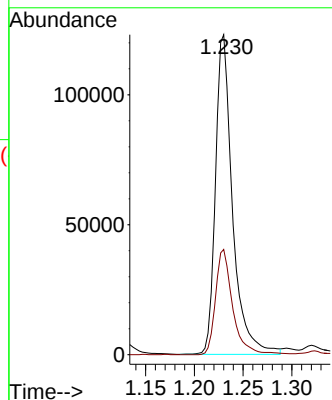
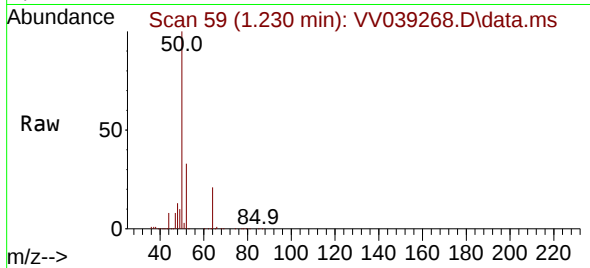




#3
Chloromethane
Concen: 16.727 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

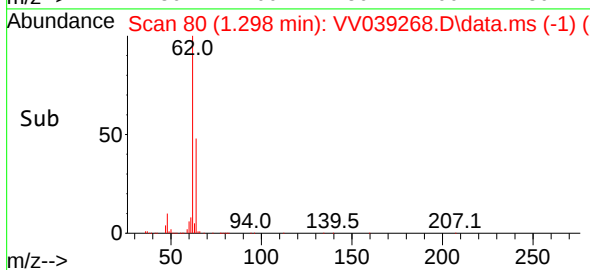
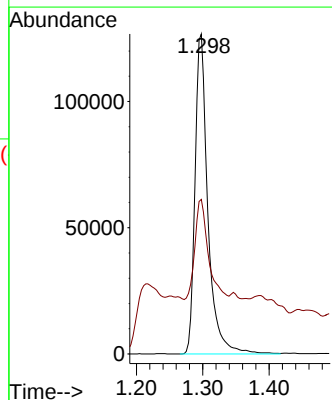
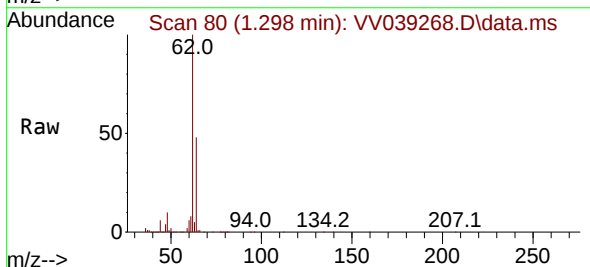
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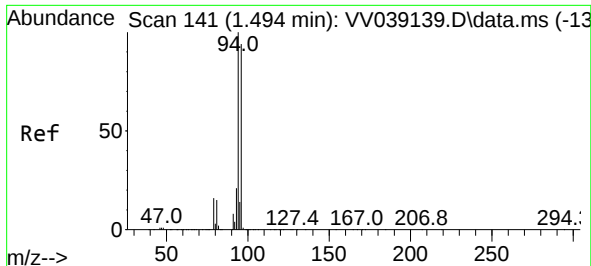
Tgt Ion: 50 Resp: 149826
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 17.790 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 62 Resp: 170586
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4

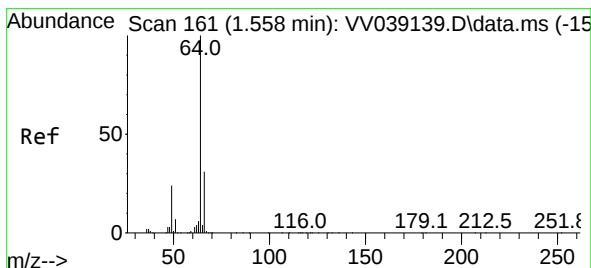
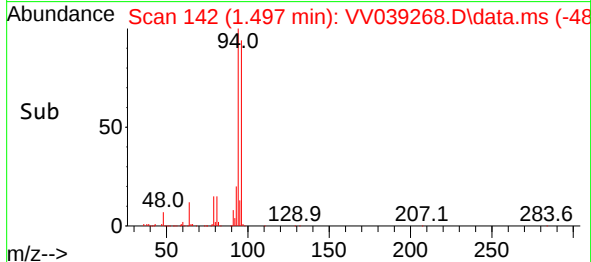
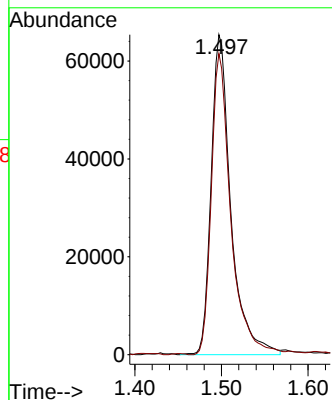
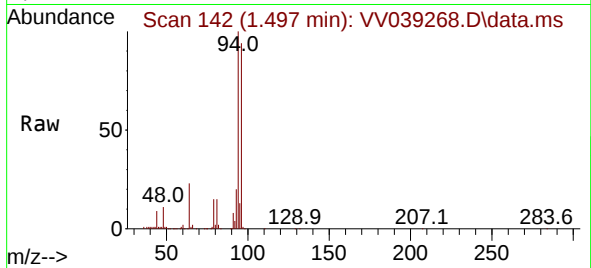




#5
Bromomethane
Concen: 17.124 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

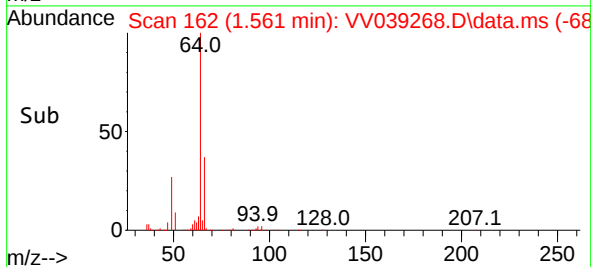
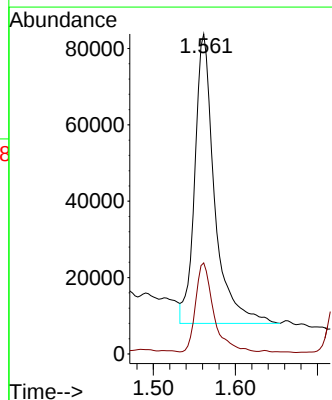
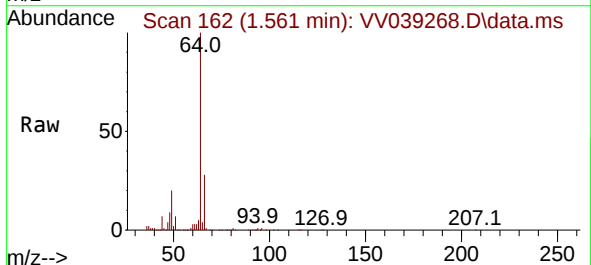
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Tgt Ion: 94 Resp: 103512
Ion Ratio Lower Upper
94 100
96 93.8 74.9 112.3



#6
Chloroethane
Concen: 21.219 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 64 Resp: 126939
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

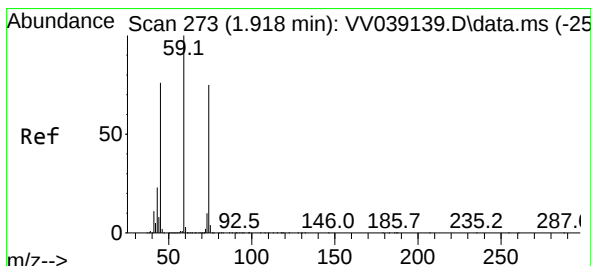
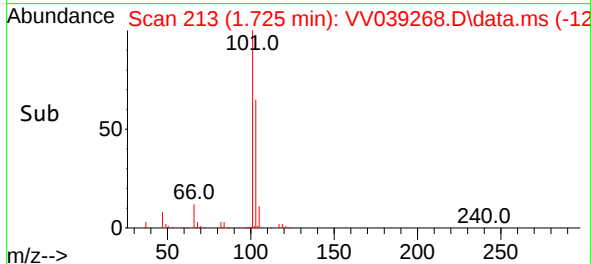
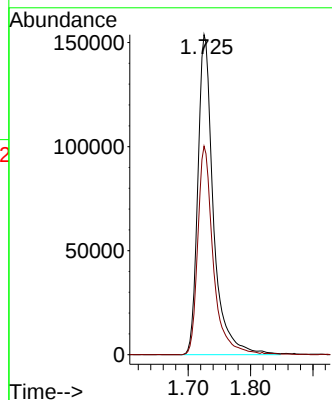
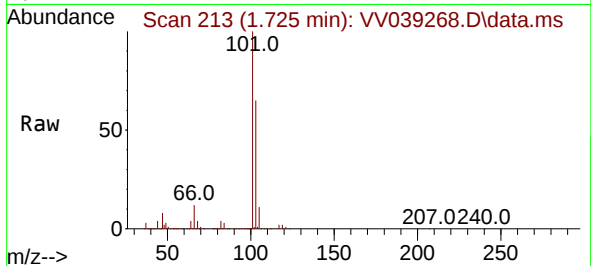




#7
 Trichlorofluoromethane
 Concen: 19.203 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

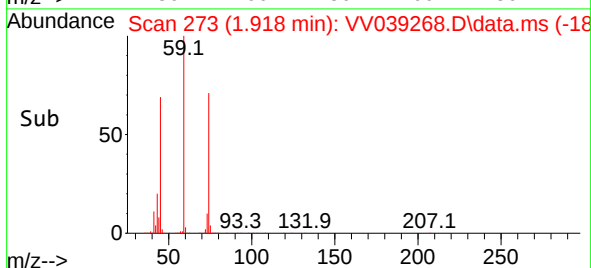
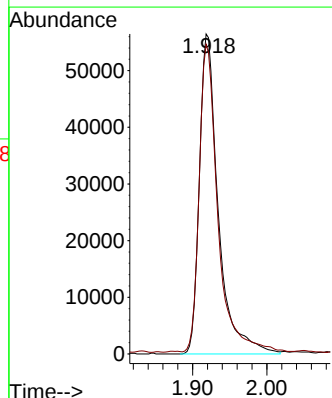
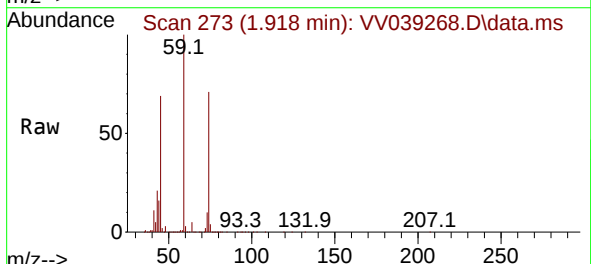
Instrument :
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Tgt Ion:101 Resp: 266595
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.0 78.0



#8
 Diethyl Ether
 Concen: 19.408 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

Tgt Ion: 74 Resp: 100028
 Ion Ratio Lower Upper
 74 100
 45 94.5 49.6 148.8

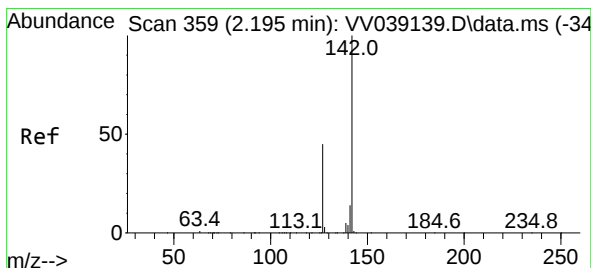
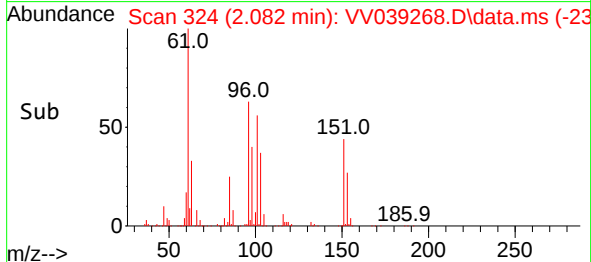
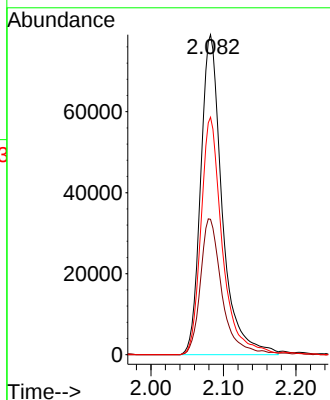
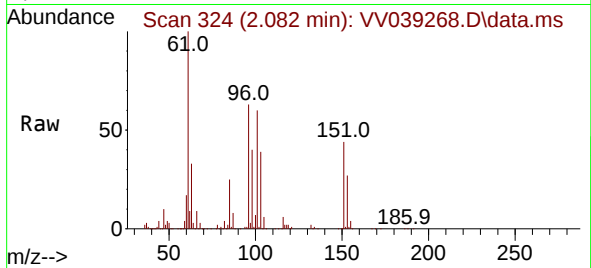




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.662 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039268.D
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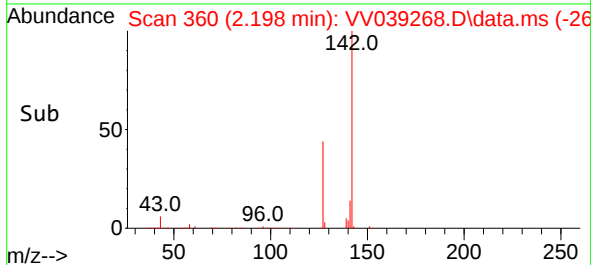
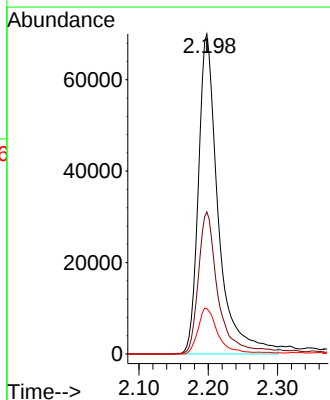
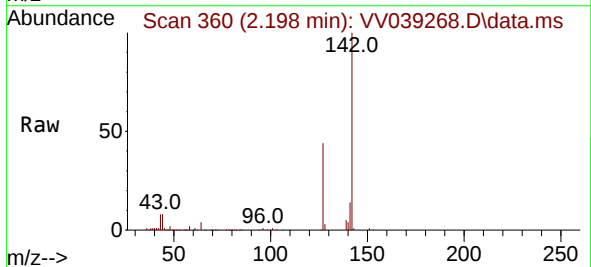
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ClientSampleId :
VV1006WBS01

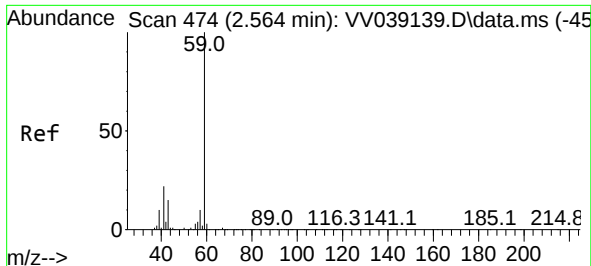
Tgt Ion:101 Resp: 162419
Ion Ratio Lower Upper
101 100
85 43.0 36.2 54.2
151 73.9 56.3 84.5



#10
Methyl Iodide
Concen: 17.758 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:142 Resp: 139690
Ion Ratio Lower Upper
142 100
127 44.3 36.3 54.5
141 14.3 11.2 16.8

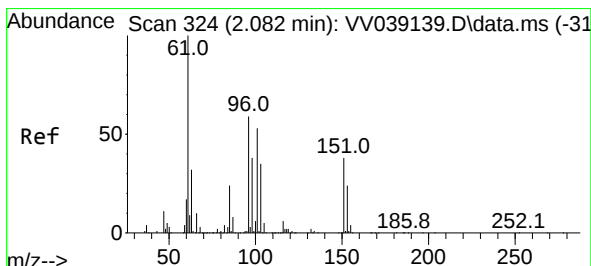
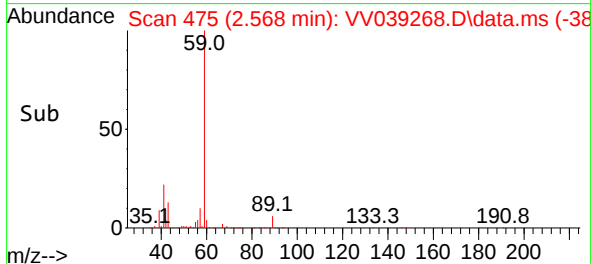
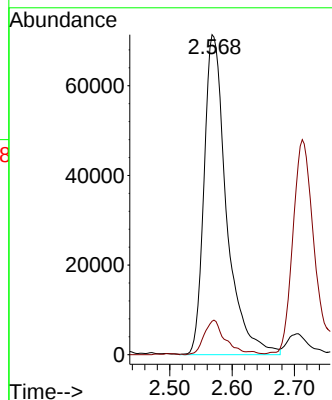
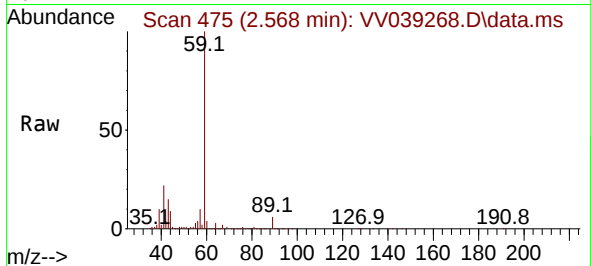




#11
Tert butyl alcohol
Concen: 110.650 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

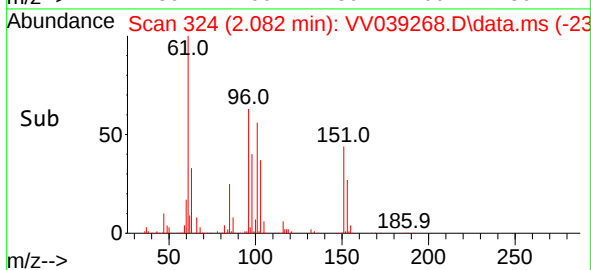
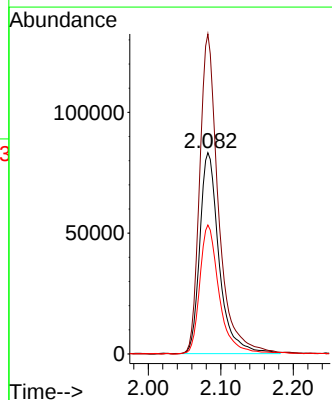
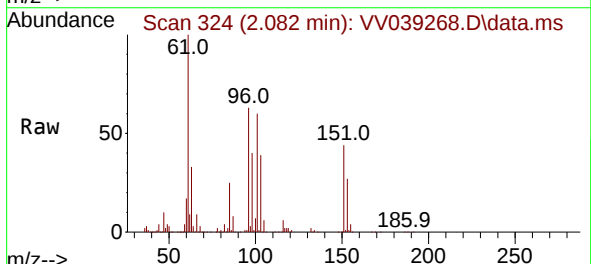
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

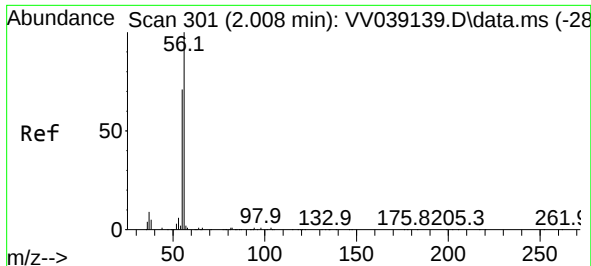
Tgt Ion: 59 Resp: 178395
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.406 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 96 Resp: 154217
Ion Ratio Lower Upper
96 100
61 159.0 136.0 204.0
98 63.9 51.0 76.6

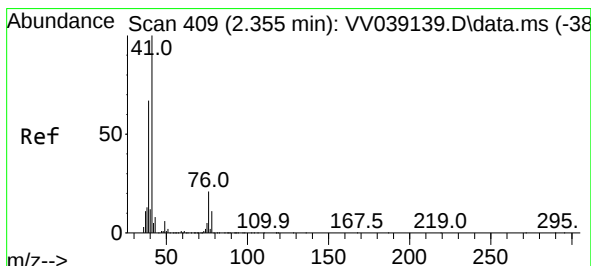
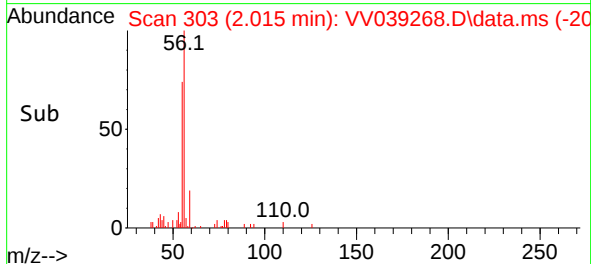
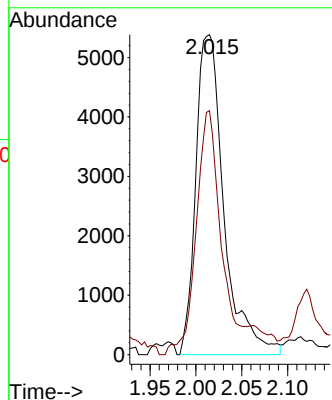
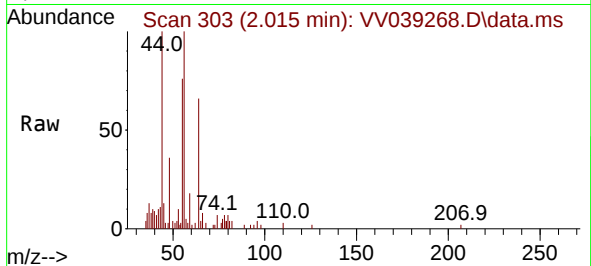




#13
Acrolein
Concen: 41.100 ug/l
RT: 2.015 min Scan# 301
Delta R.T. 0.006 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

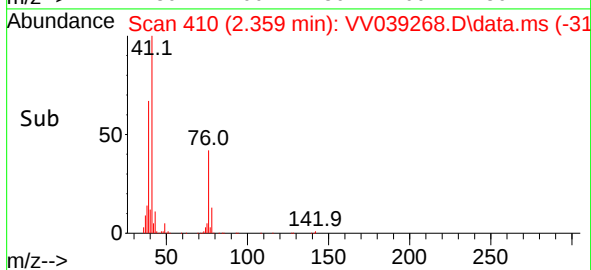
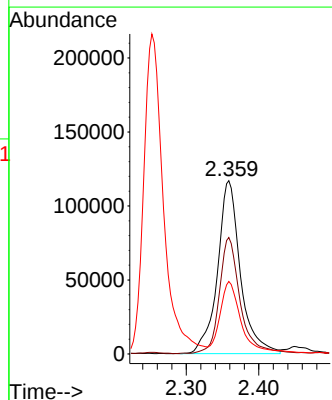
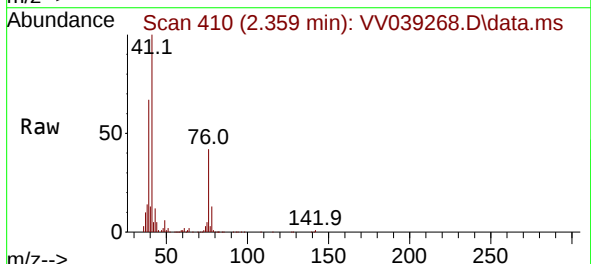
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

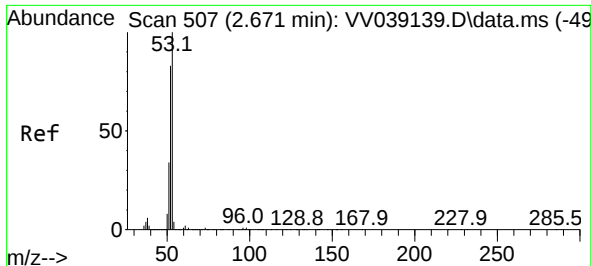
Tgt Ion: 56 Resp: 11498
Ion Ratio Lower Upper
56 100
55 67.2 56.2 84.4



#14
Allyl chloride
Concen: 18.068 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 41 Resp: 256475
Ion Ratio Lower Upper
41 100
39 60.4 51.0 76.6
76 38.1 28.2 42.4

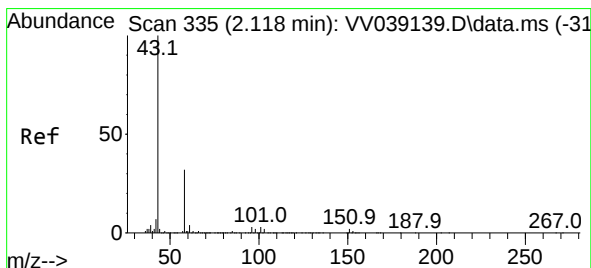
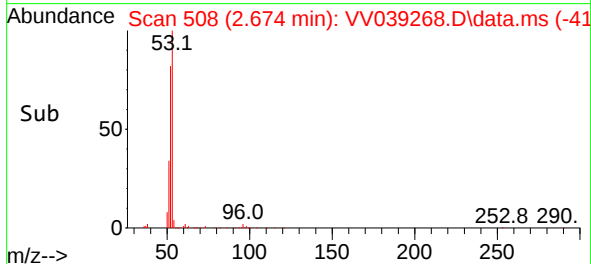
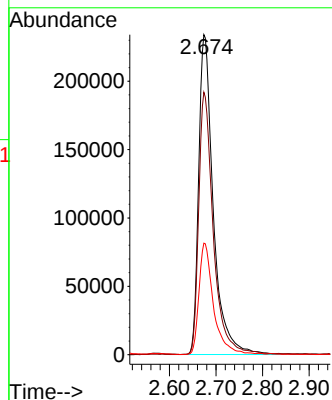
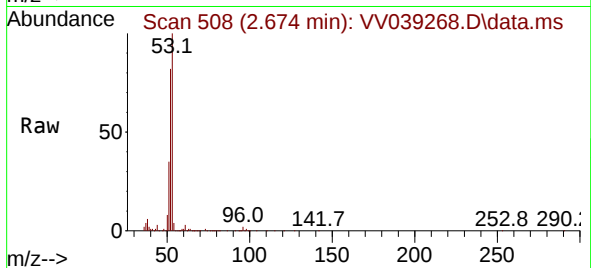




#15
Acrylonitrile
Concen: 98.784 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

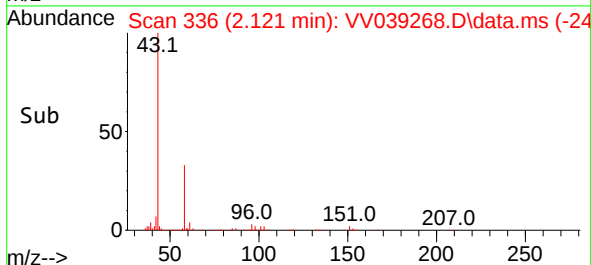
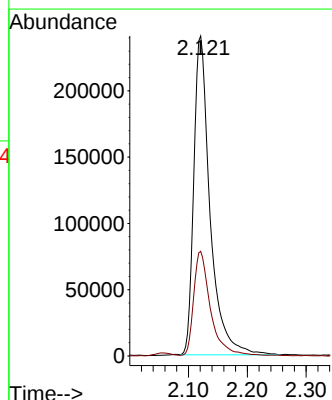
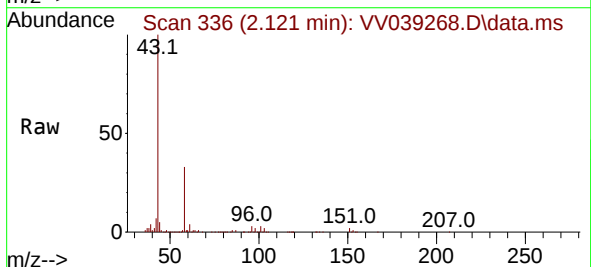
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

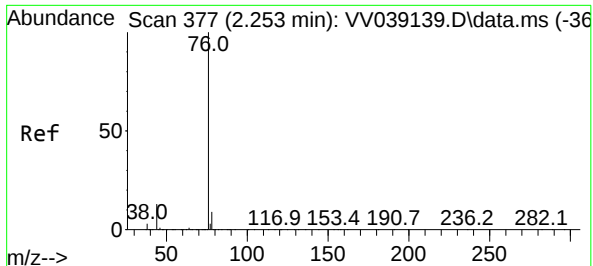
Tgt Ion: 53 Resp: 510547
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 34.6 28.5 42.7



#16
Acetone
Concen: 91.482 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 43 Resp: 462445
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.6

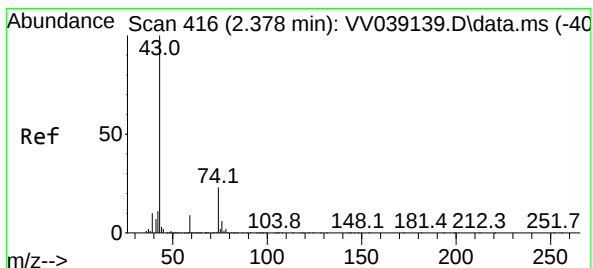
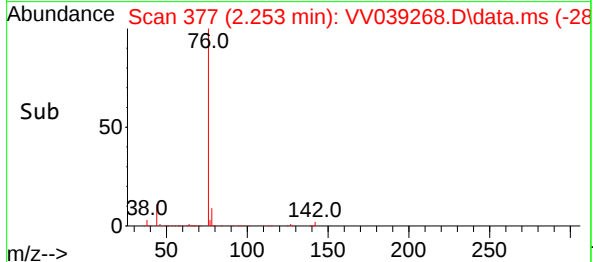
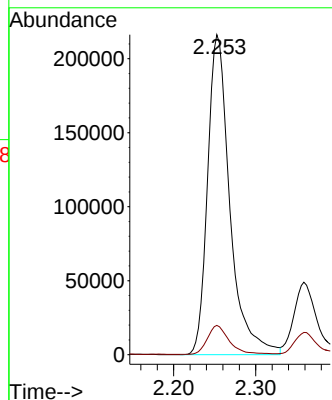
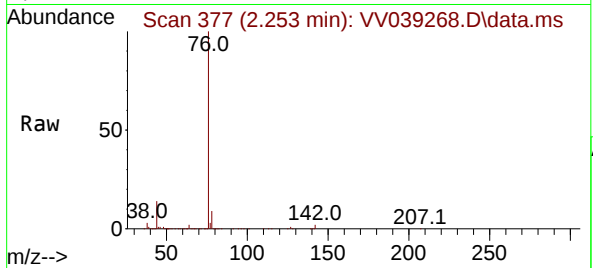




#17
Carbon Disulfide
Concen: 16.856 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

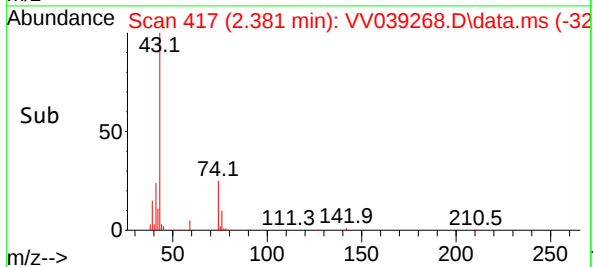
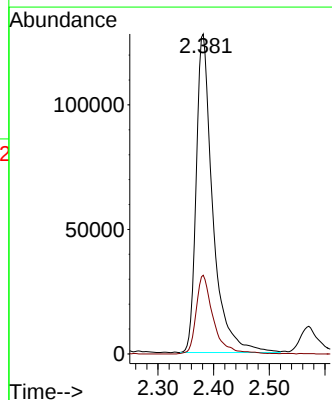
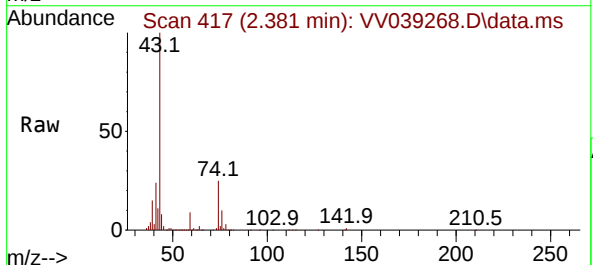
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 76 Resp: 409655
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 23.389 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 43 Resp: 264354
Ion Ratio Lower Upper
43 100
74 25.7 18.6 27.8

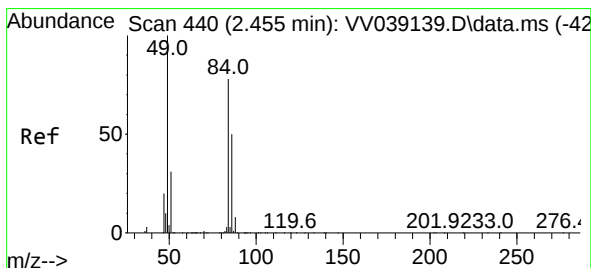
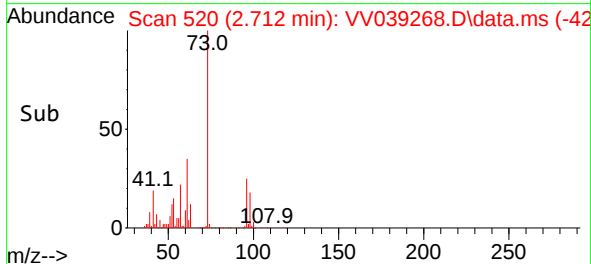
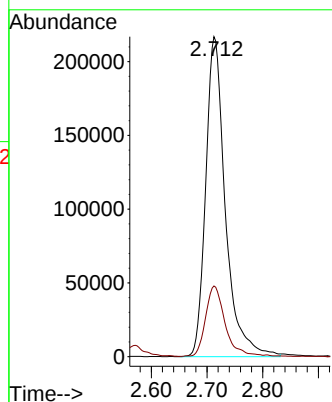
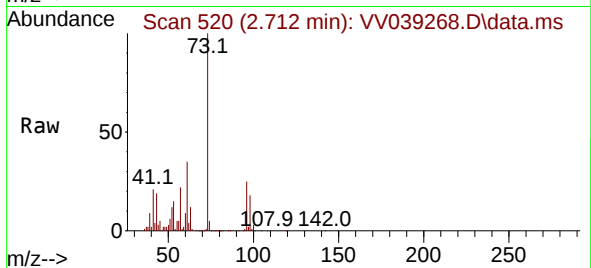




#19
Methyl tert-butyl Ether
Concen: 21.004 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

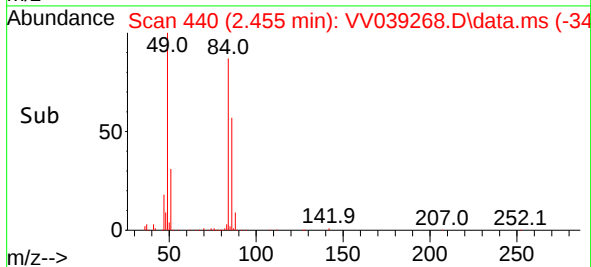
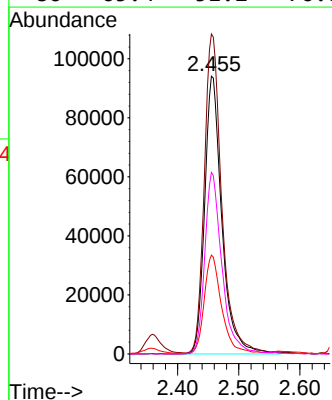
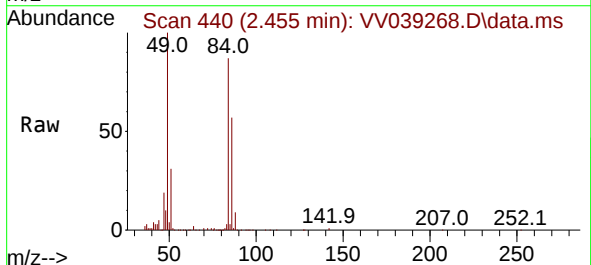
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 73 Resp: 531880
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 20.849 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 84 Resp: 184333
Ion Ratio Lower Upper
84 100
49 114.7 102.8 154.2
51 35.3 31.9 47.9
86 65.4 51.2 76.8

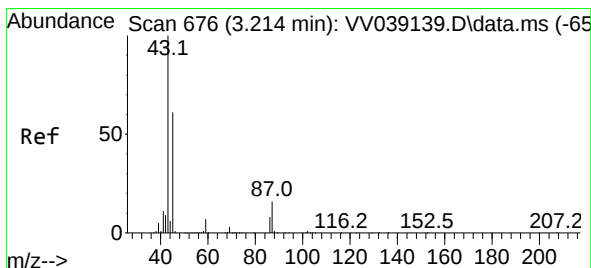
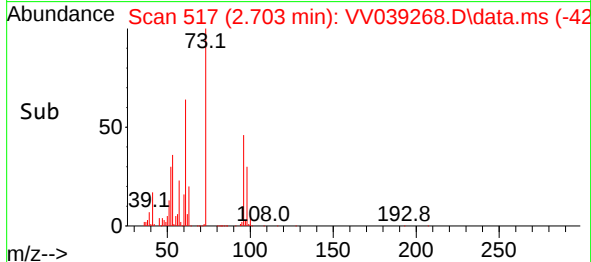
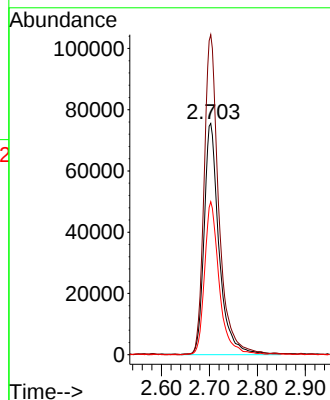
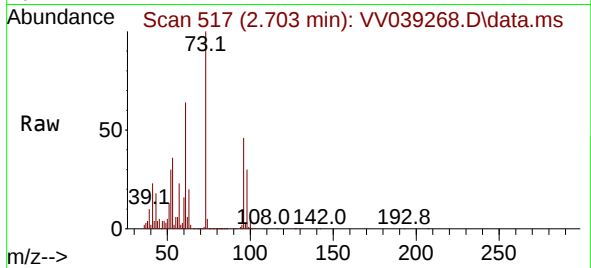




#21
trans-1,2-Dichloroethene
Concen: 19.361 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

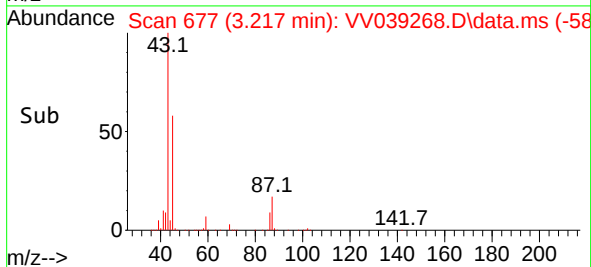
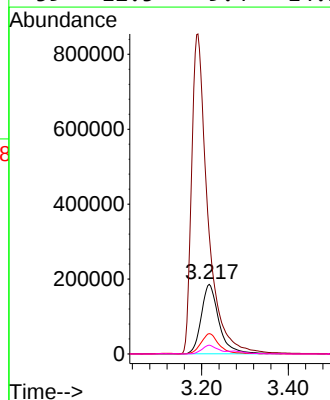
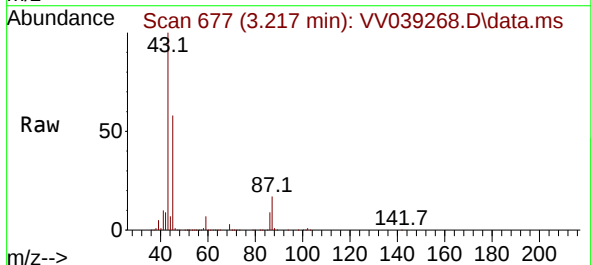
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 96 Resp: 163794
Ion Ratio Lower Upper
96 100
61 138.5 112.8 169.2
98 66.2 51.1 76.7



#22
Diisopropyl ether
Concen: 19.365 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 45 Resp: 525952
Ion Ratio Lower Upper
45 100
43 173.3 130.9 196.3
87 29.1 21.1 31.7
59 12.5 9.4 14.2

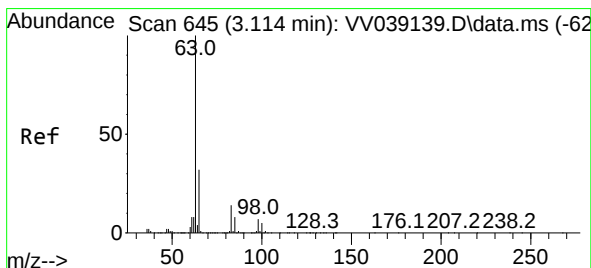
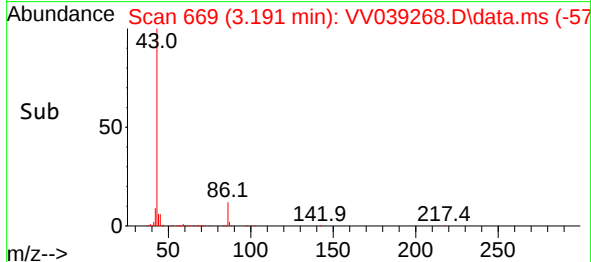
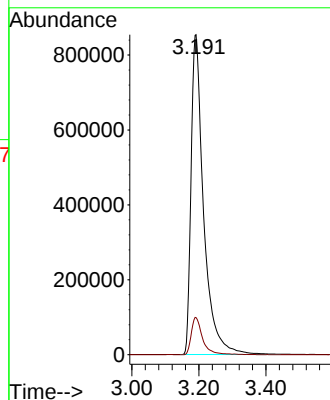
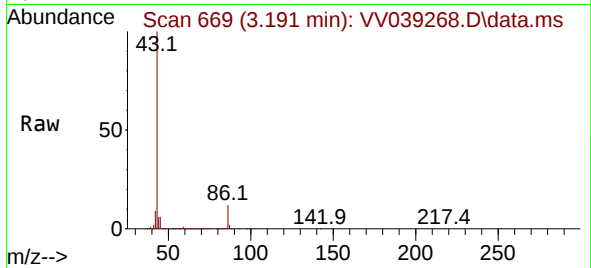




#23
 Vinyl Acetate
 Concen: 93.676 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

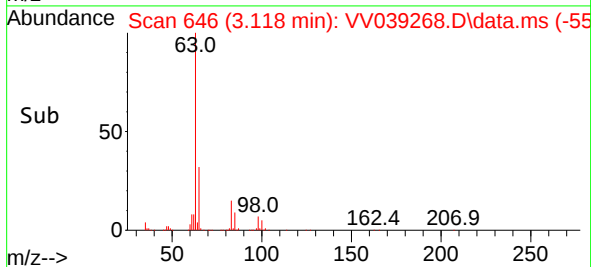
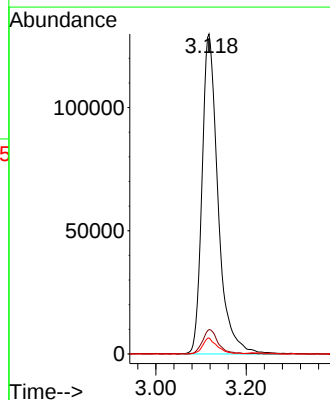
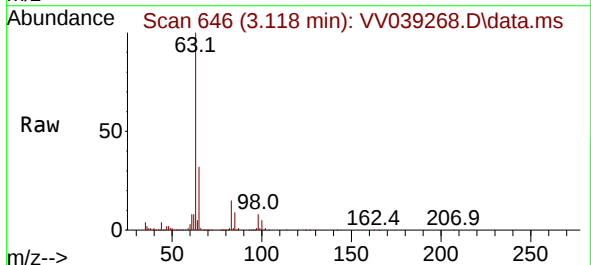
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBS01

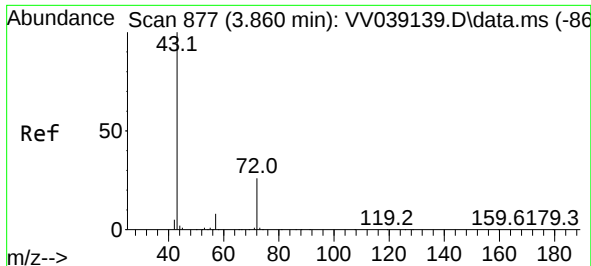
Tgt Ion: 43 Resp: 2225627
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.262 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

Tgt Ion: 63 Resp: 319925
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 97.400 ug/l

RT: 3.870 min Scan# 877

Delta R.T. 0.010 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

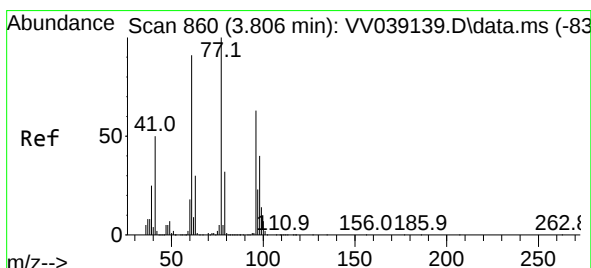
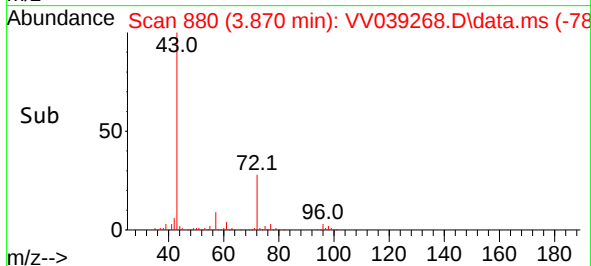
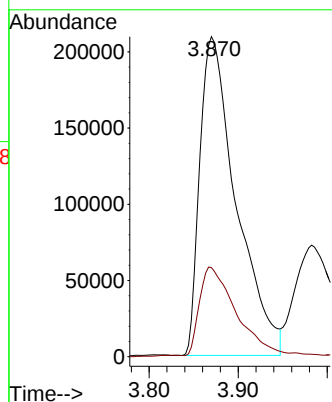
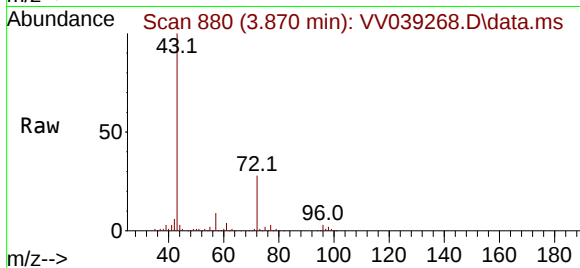
VV1006WBS01

Tgt Ion: 43 Resp: 594962

Ion Ratio Lower Upper

43 100

72 27.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.921 ug/l

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV039268.D

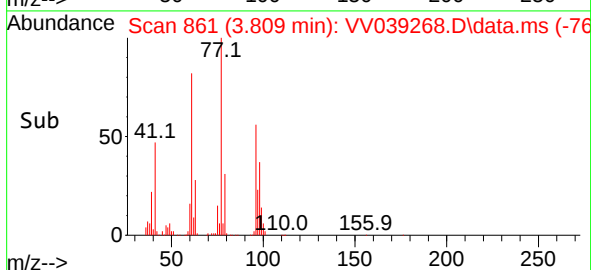
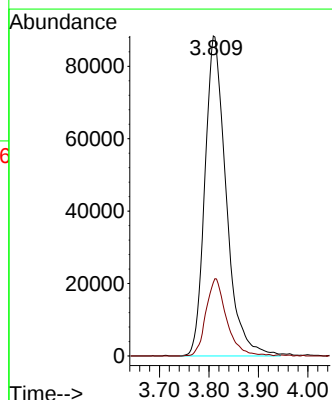
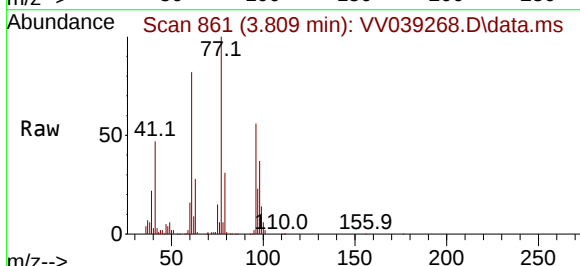
Acq: 06 Oct 2025 13:01

Tgt Ion: 77 Resp: 263919

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 19.958 ug/l

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

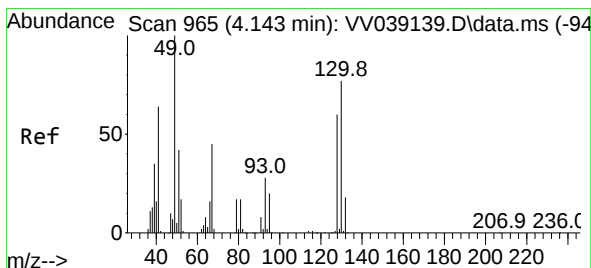
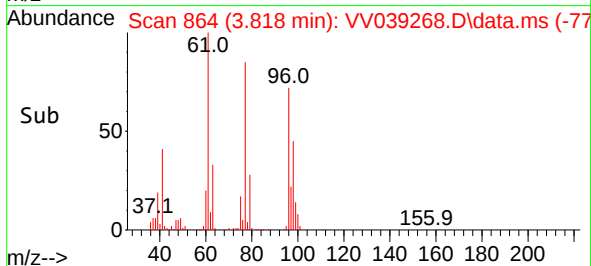
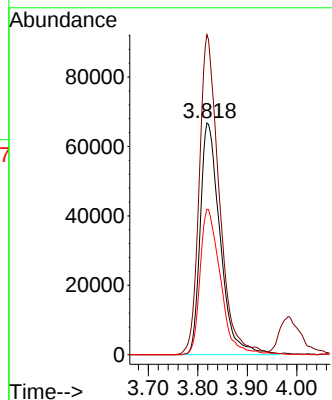
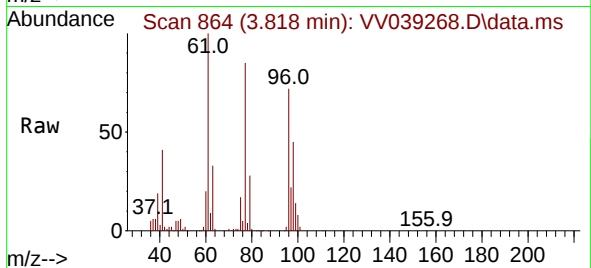
Tgt Ion: 96 Resp: 186221

Ion Ratio Lower Upper

96 100

61 138.6 0.0 286.4

98 63.9 0.0 126.6



#28

Bromochloromethane

Concen: 21.737 ug/l

RT: 4.150 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

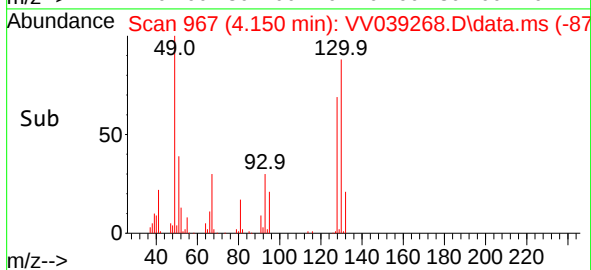
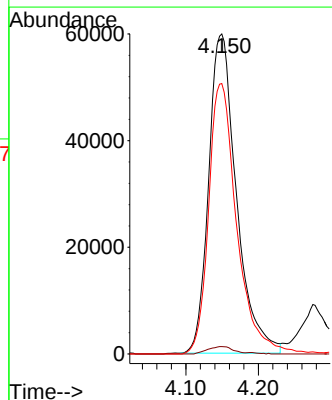
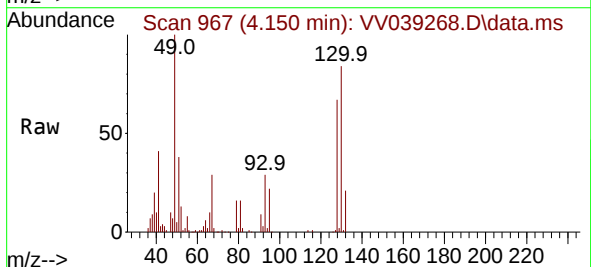
Tgt Ion: 49 Resp: 159382

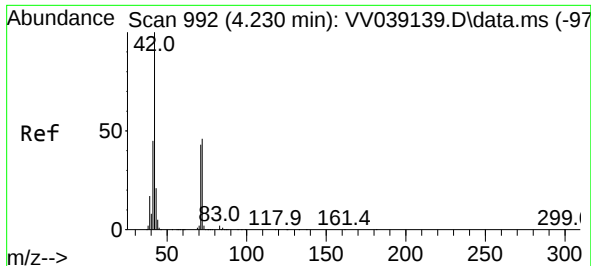
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 85.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 97.604 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

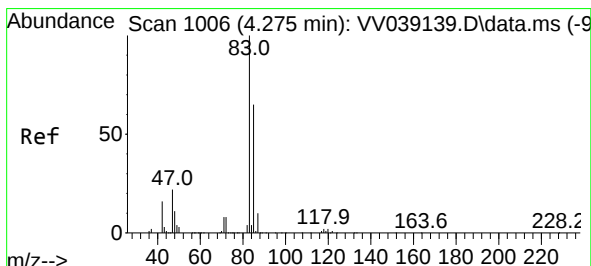
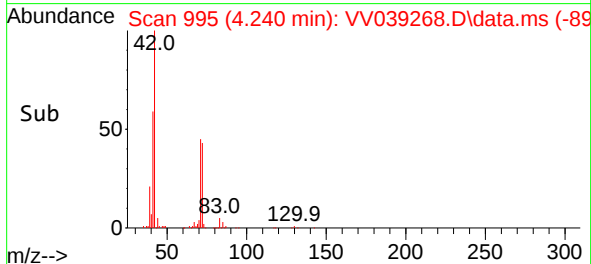
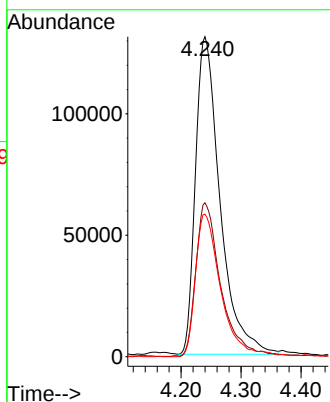
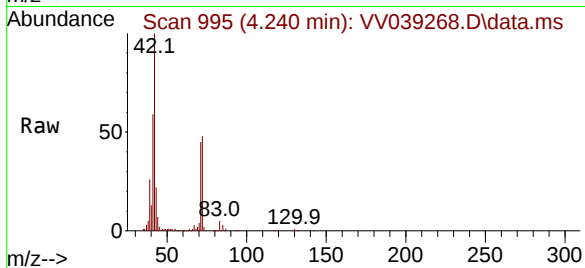
Tgt Ion: 42 Resp: 373183

Ion Ratio Lower Upper

42 100

72 47.8 36.3 54.5

71 46.0 34.3 51.5



#30

Chloroform

Concen: 18.833 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039268.D

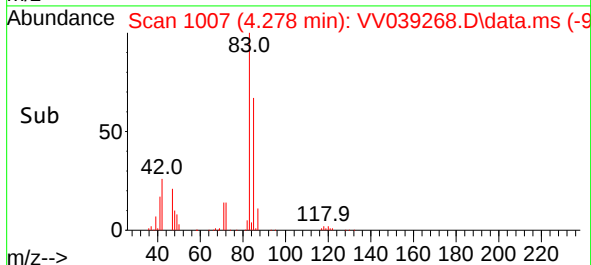
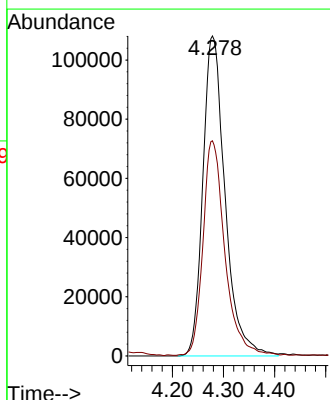
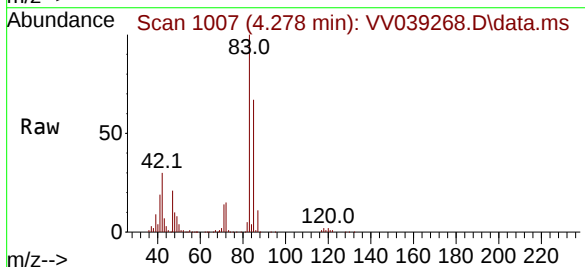
Acq: 06 Oct 2025 13:01

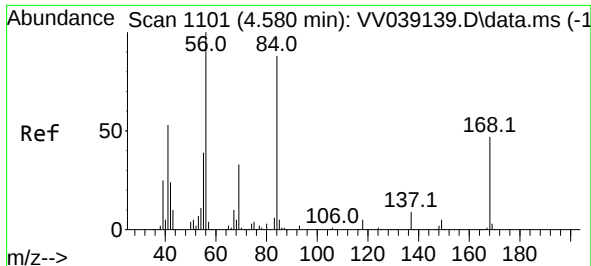
Tgt Ion: 83 Resp: 326625

Ion Ratio Lower Upper

83 100

85 67.0 52.1 78.1

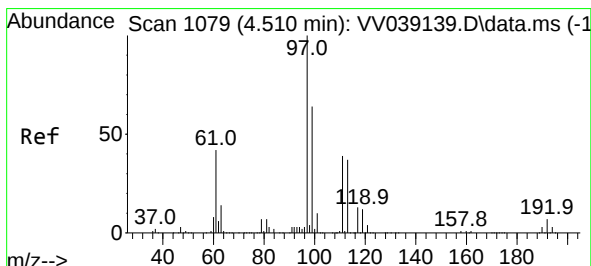
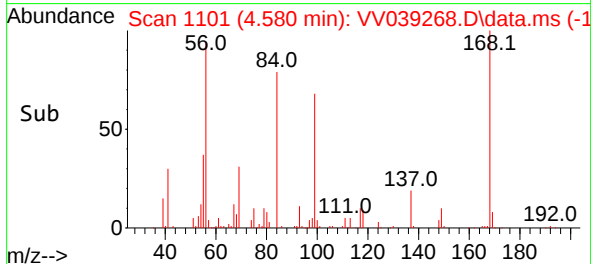
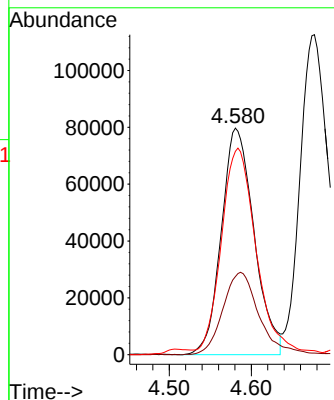
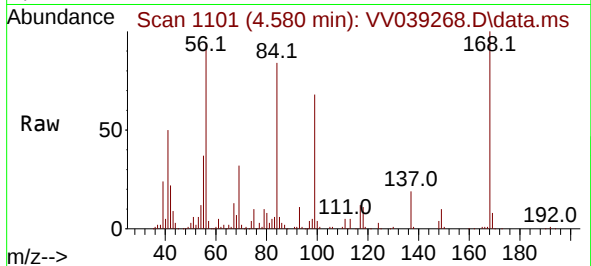




#31
Cyclohexane
Concen: 16.284 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

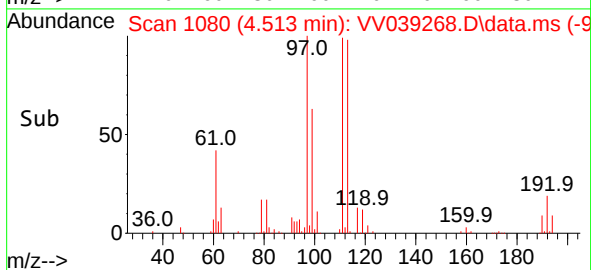
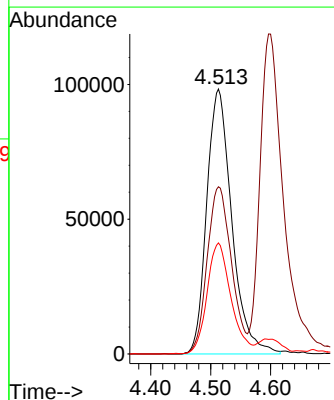
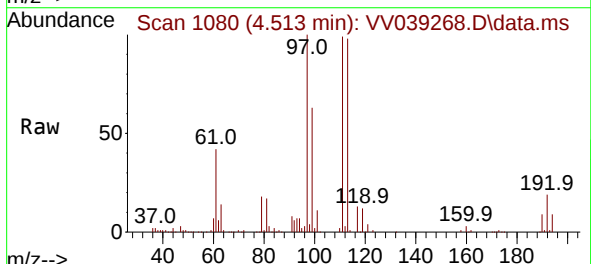
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 56 Resp: 221556
Ion Ratio Lower Upper
56 100
69 34.5 26.2 39.2
84 87.4 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 19.034 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 97 Resp: 285795
Ion Ratio Lower Upper
97 100
99 61.1 49.6 74.4
61 39.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.401 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

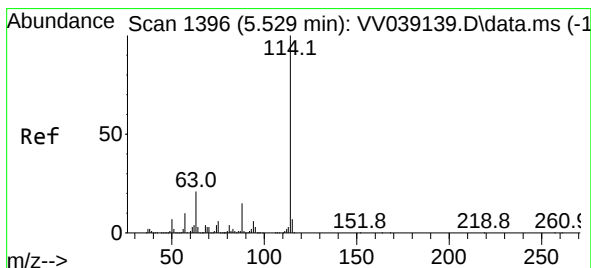
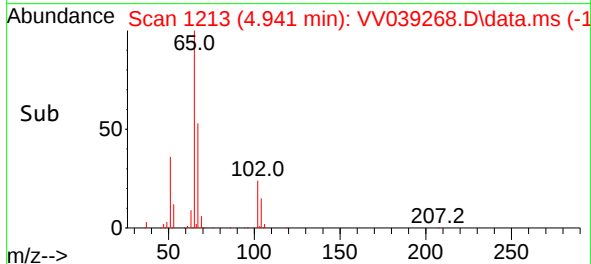
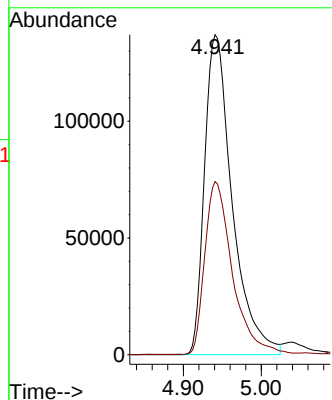
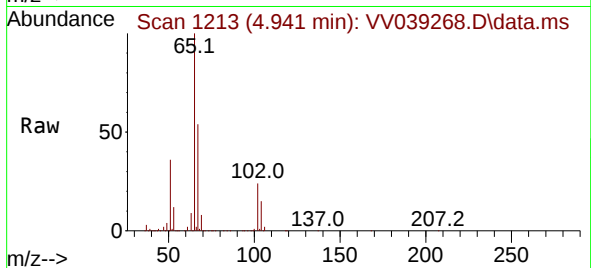
VV1006WBS01

Tgt Ion: 65 Resp: 338703

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

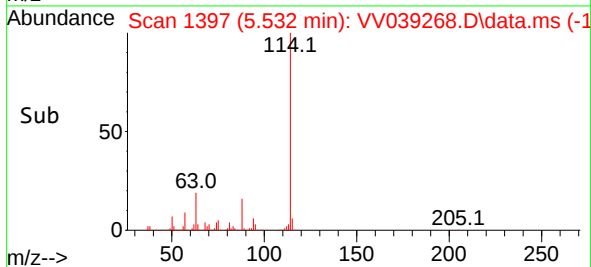
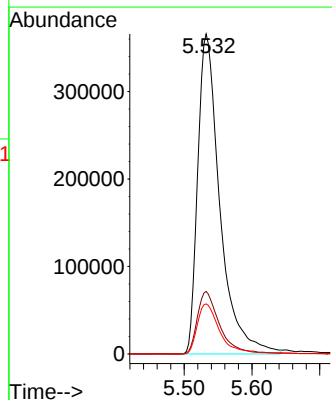
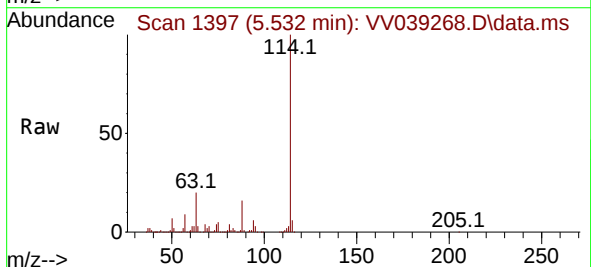
Tgt Ion: 114 Resp: 830218

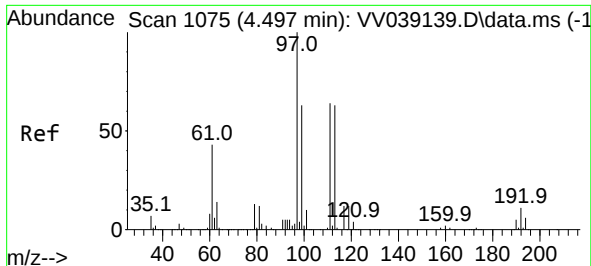
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.7 0.0 30.8

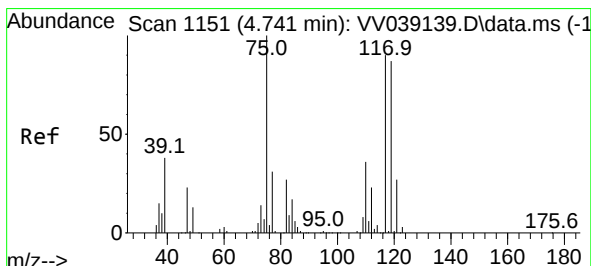
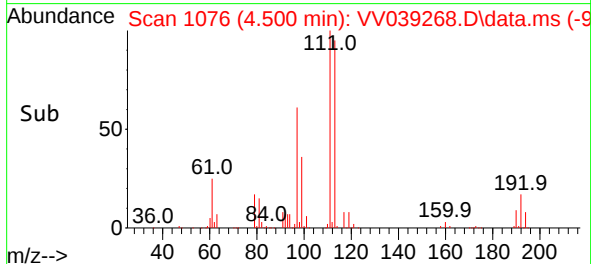
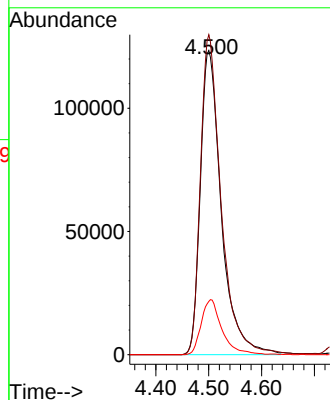
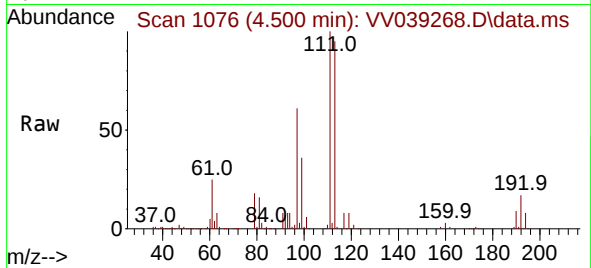




#35
Dibromofluoromethane
Concen: 50.959 ug/l
RT: 4.500 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

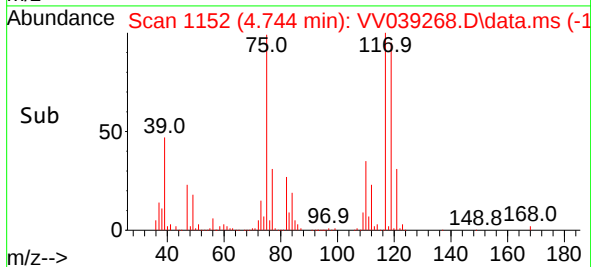
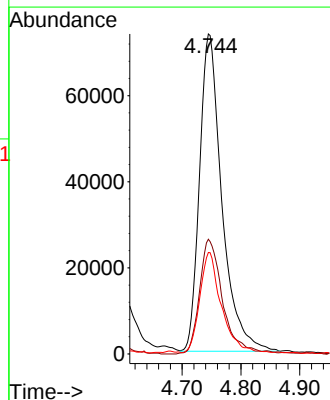
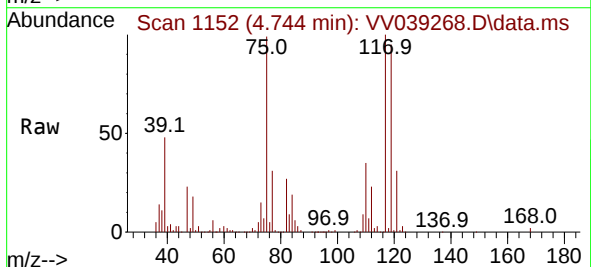
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

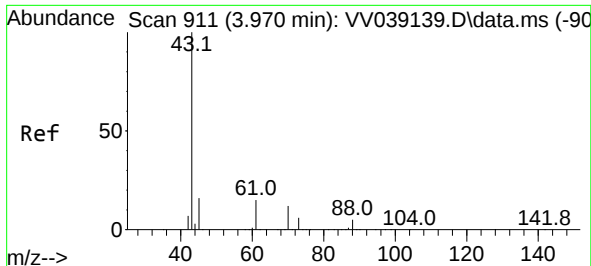
Tgt Ion:113 Resp: 340112
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 17.9 13.8 20.8



#36
1,1-Dichloropropene
Concen: 19.280 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 75 Resp: 194548
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.1
77 30.1 24.8 37.2

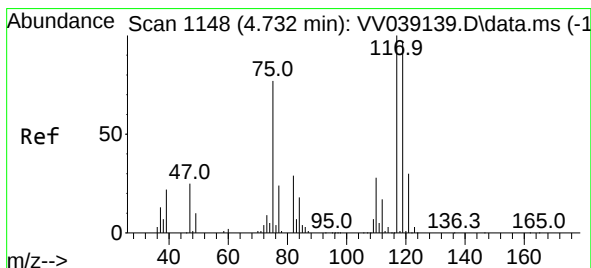
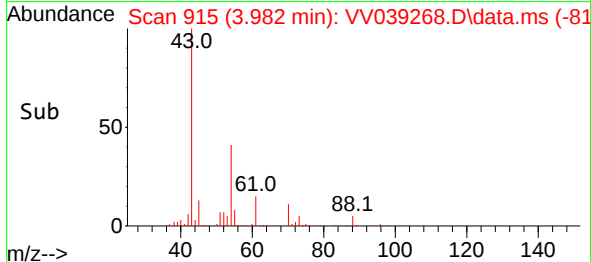
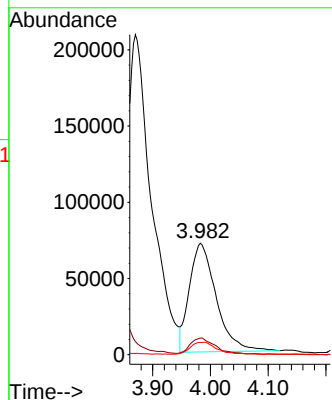
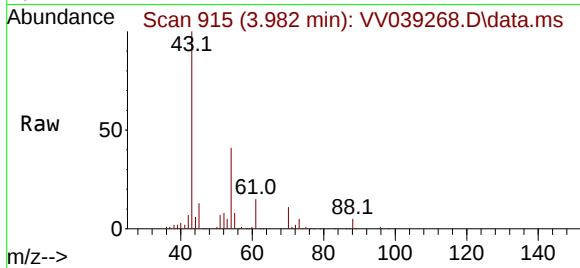




#37
Ethyl Acetate
Concen: 18.824 ug/l
RT: 3.982 min Scan# 911
Delta R.T. 0.012 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

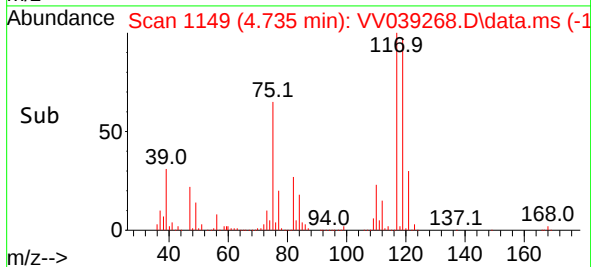
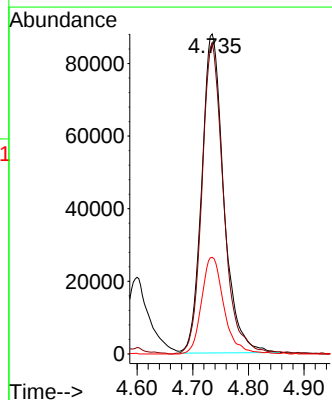
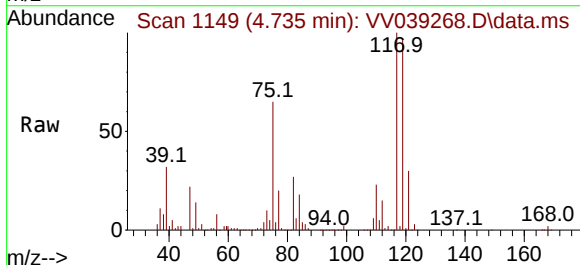
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

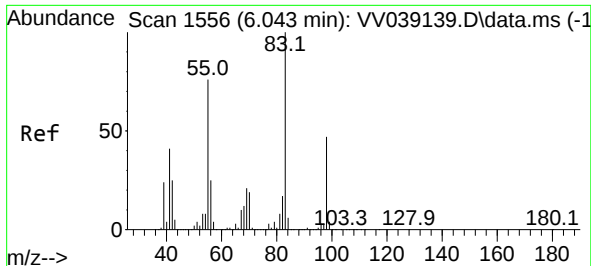
Tgt Ion: 43 Resp: 230495
Ion Ratio Lower Upper
43 100
61 13.6 10.3 15.5
70 10.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.548 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 117 Resp: 241073
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 17.311 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

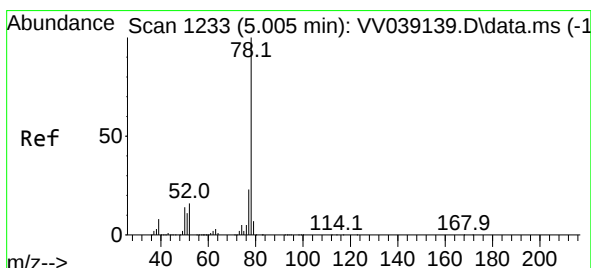
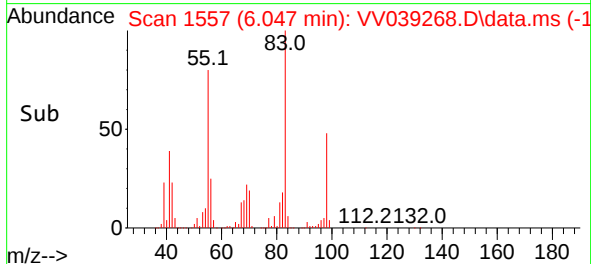
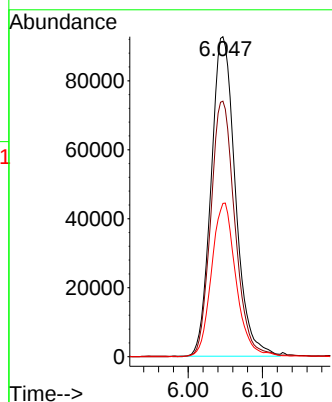
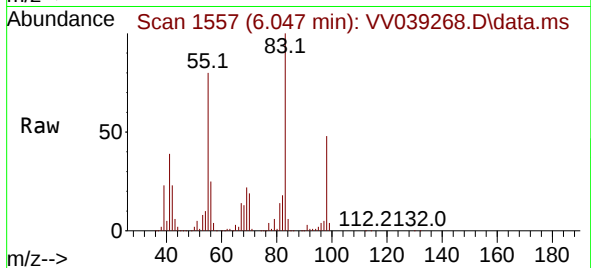
Tgt Ion: 83 Resp: 210957

Ion Ratio Lower Upper

83 100

55 80.0 60.5 90.7

98 47.7 37.8 56.6



#40

Benzene

Concen: 19.833 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039268.D

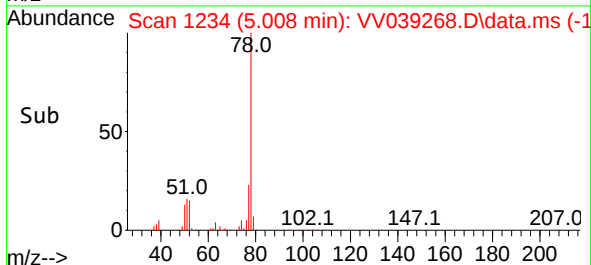
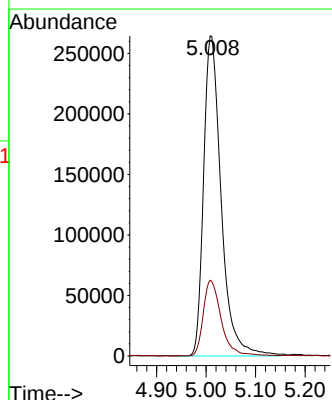
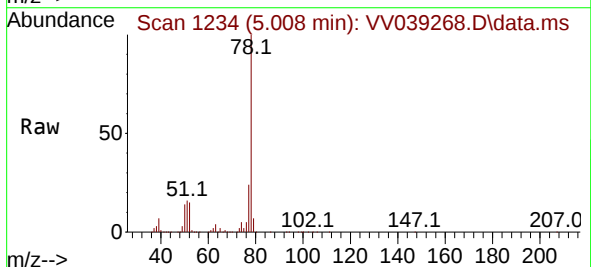
Acq: 06 Oct 2025 13:01

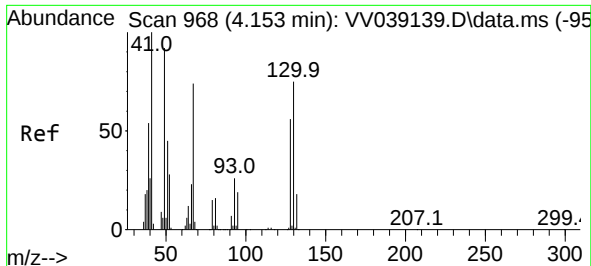
Tgt Ion: 78 Resp: 651715

Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1



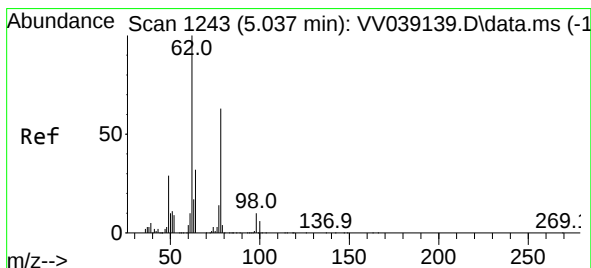
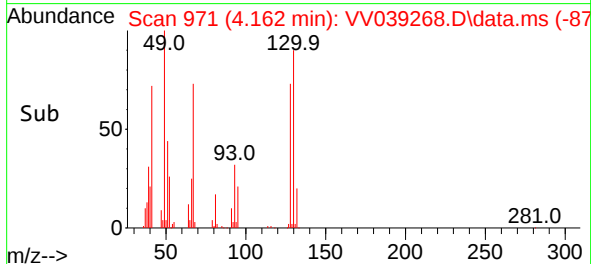
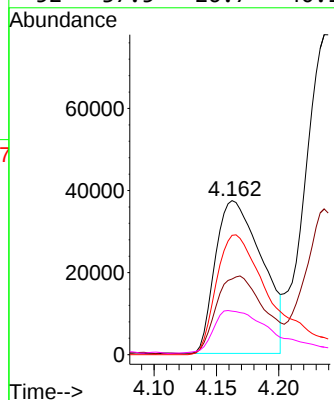
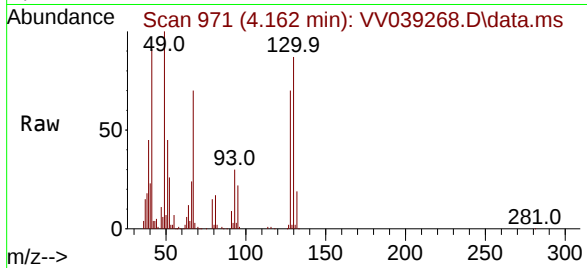


#41
Methacrylonitrile
Concen: 18.776 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.009 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 41 Resp: 97082

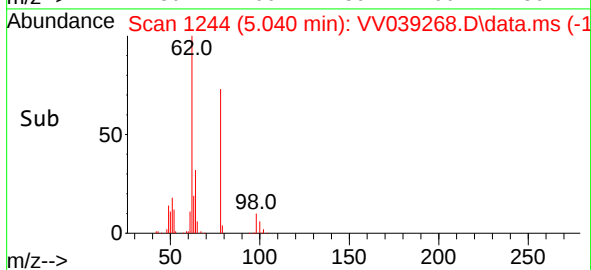
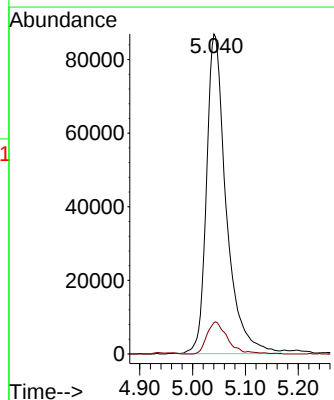
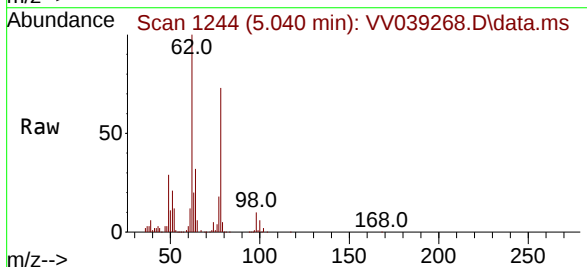
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.2	63.2
67	97.4	67.9	101.9
52	37.5	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.536 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 62 Resp: 224925

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2

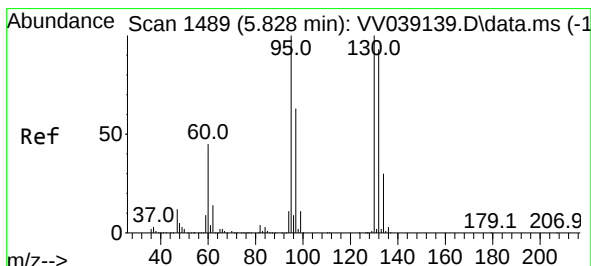
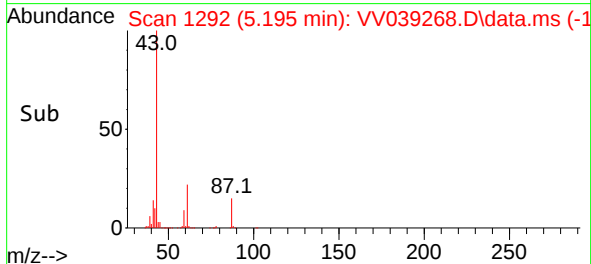
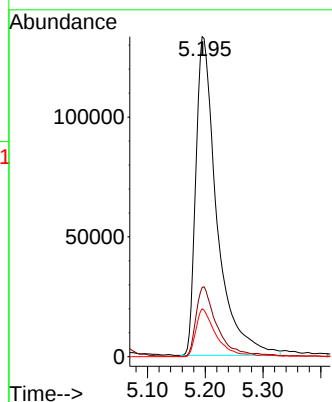
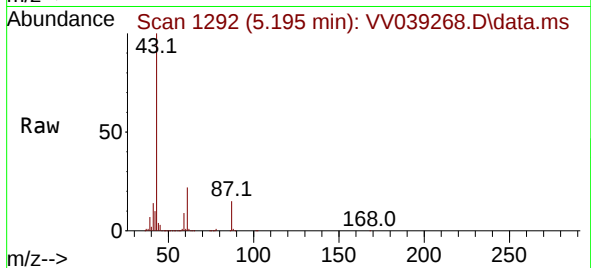




#43
Isopropyl Acetate
Concen: 20.167 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

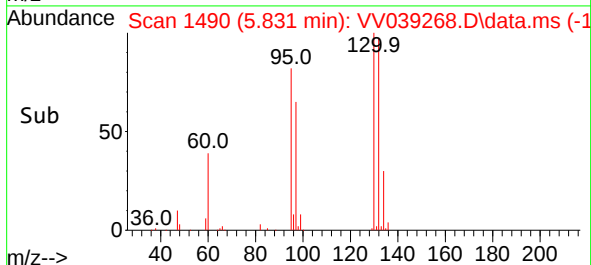
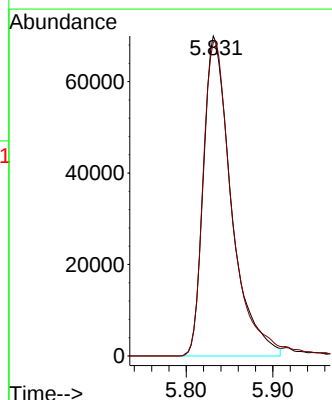
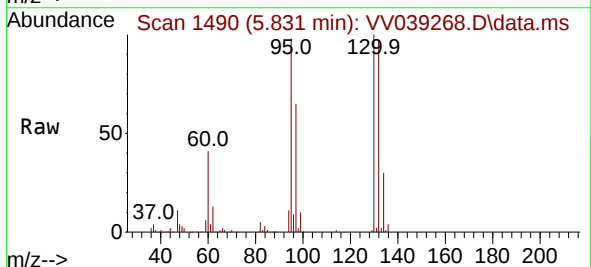
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

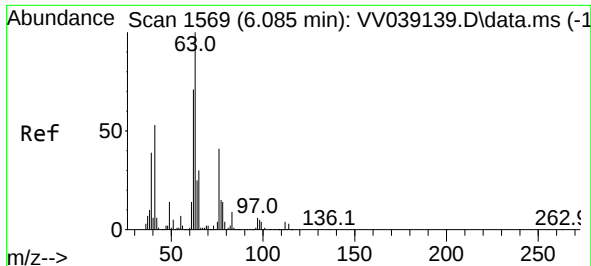
Tgt Ion: 43 Resp: 336690
Ion Ratio Lower Upper
43 100
61 21.9 15.9 23.9
87 14.0 11.0 16.6



#44
Trichloroethene
Concen: 20.625 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:130 Resp: 156385
Ion Ratio Lower Upper
130 100
95 98.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.482 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

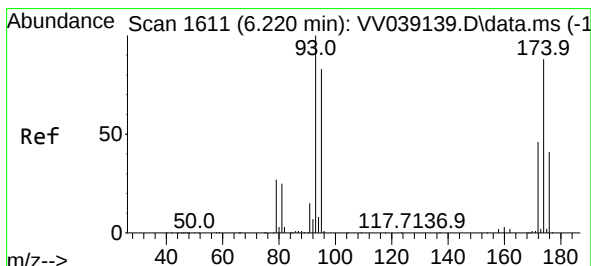
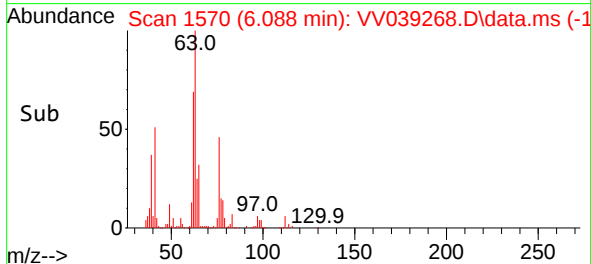
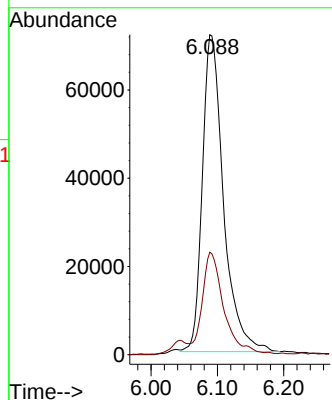
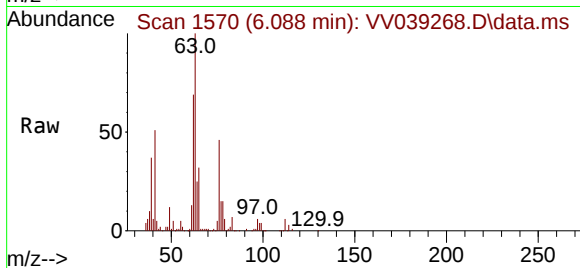
VV1006WBS01

Tgt Ion: 63 Resp: 159115

Ion Ratio Lower Upper

63 100

65 31.8 23.7 35.5



#46

Dibromomethane

Concen: 20.890 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

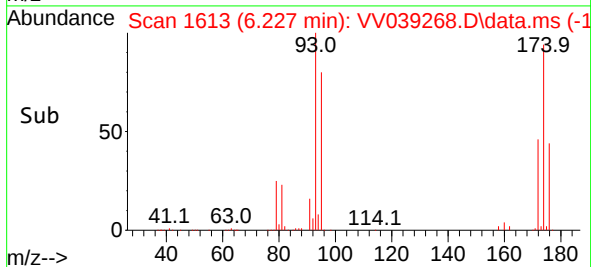
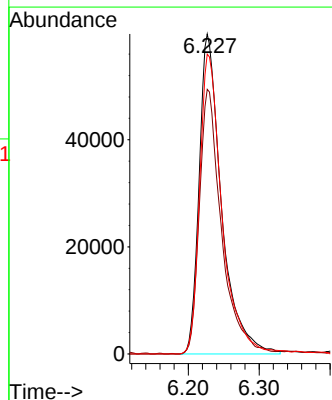
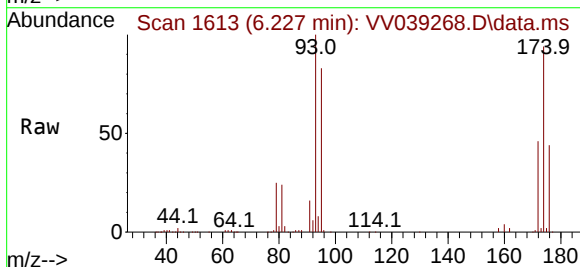
Tgt Ion: 93 Resp: 130588

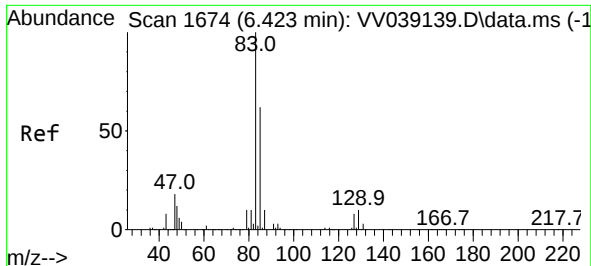
Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

174 94.4 69.0 103.4

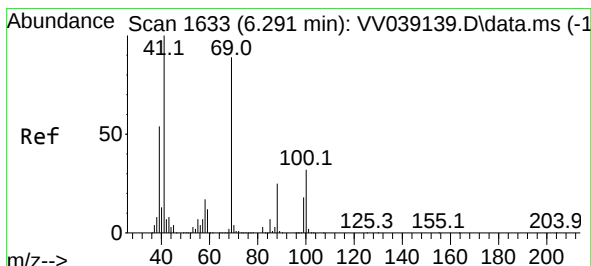
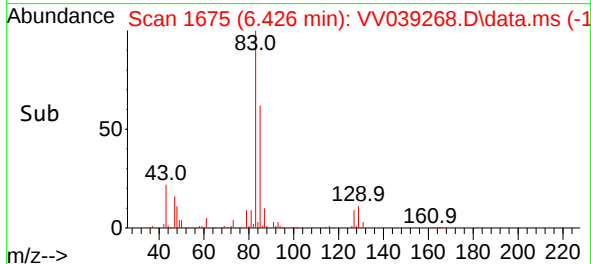
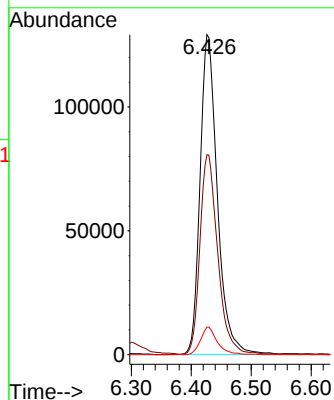
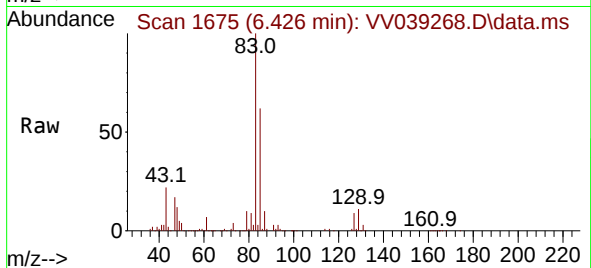




#47
Bromodichloromethane
Concen: 20.067 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

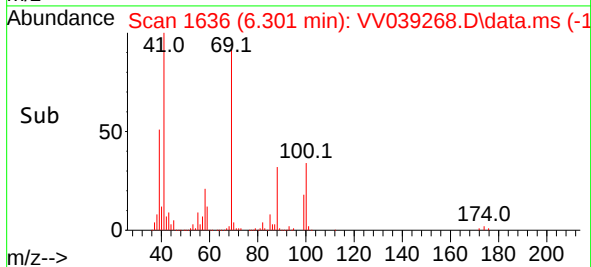
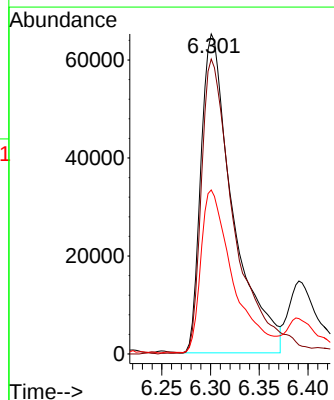
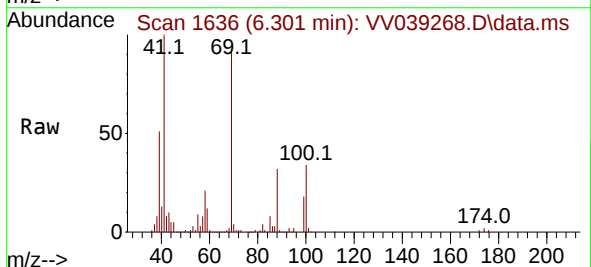
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

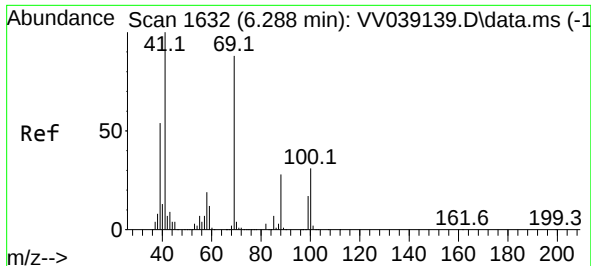
Tgt Ion: 83 Resp: 259328
Ion Ratio Lower Upper
83 100
85 62.4 49.7 74.5
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 19.583 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 41 Resp: 148201
Ion Ratio Lower Upper
41 100
69 95.6 72.4 108.6
39 51.3 42.5 63.7





#49

1,4-Dioxane

Concen: 428.642 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

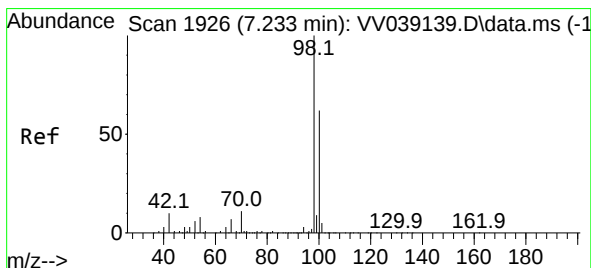
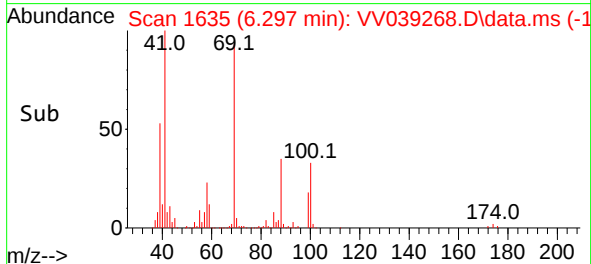
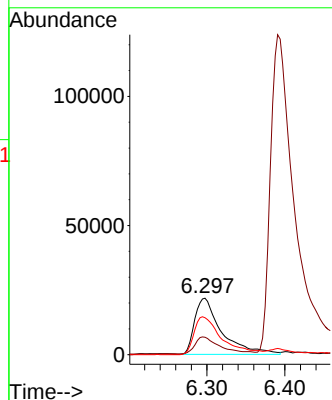
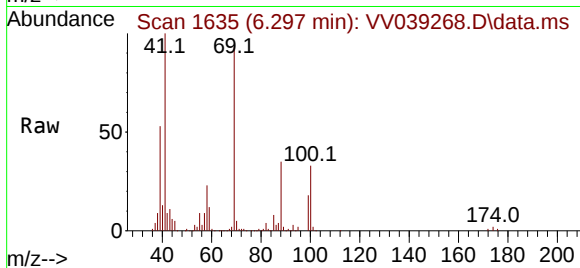
Tgt Ion: 88 Resp: 52350

Ion Ratio Lower Upper

88 100

43 28.0 25.1 37.7

58 69.6 53.6 80.4



#50

Toluene-d8

Concen: 47.316 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039268.D

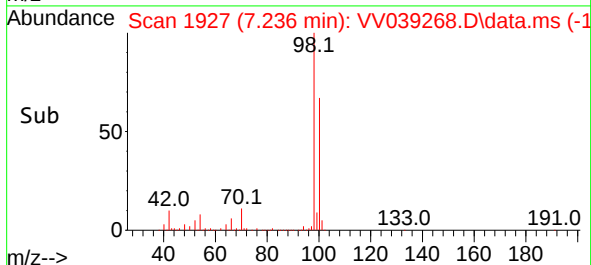
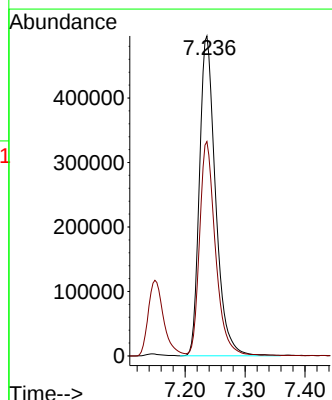
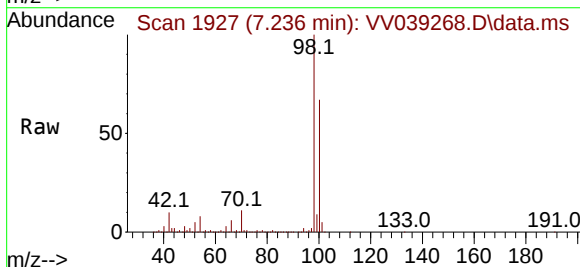
Acq: 06 Oct 2025 13:01

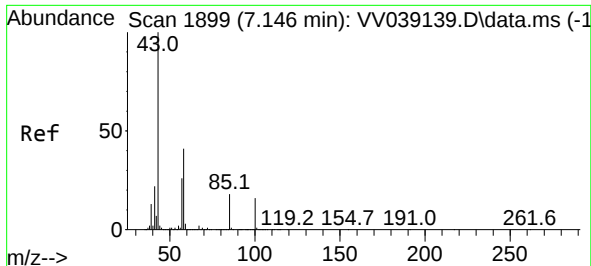
Tgt Ion: 98 Resp: 927508

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 109.020 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

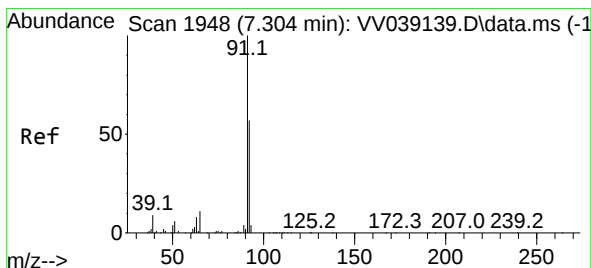
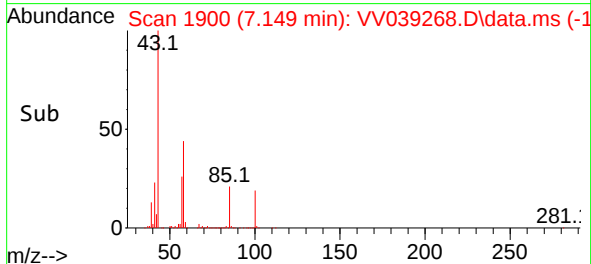
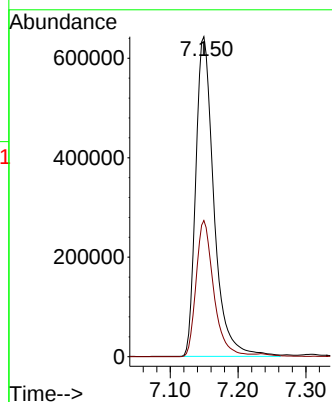
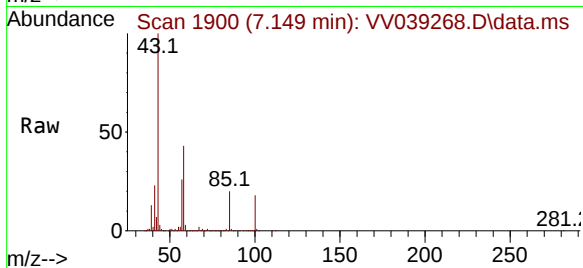
VV1006WBS01

Tgt Ion: 43 Resp: 1197410

Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5



#52

Toluene

Concen: 21.332 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV039268.D

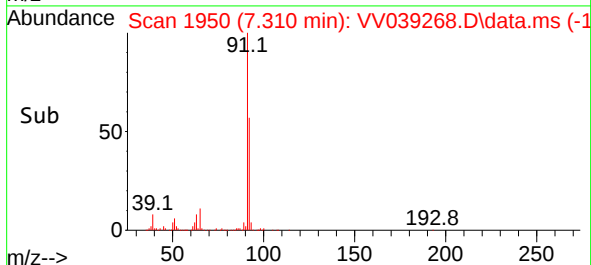
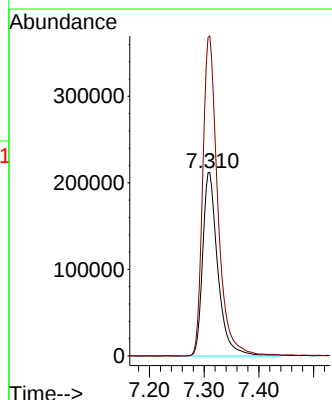
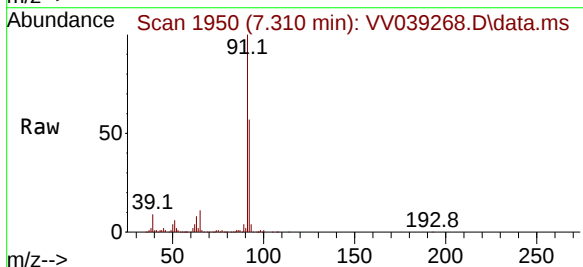
Acq: 06 Oct 2025 13:01

Tgt Ion: 92 Resp: 406421

Ion Ratio Lower Upper

92 100

91 173.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.684 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

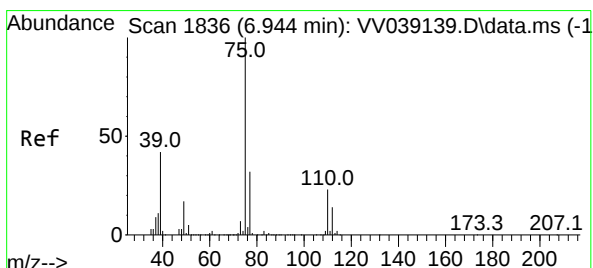
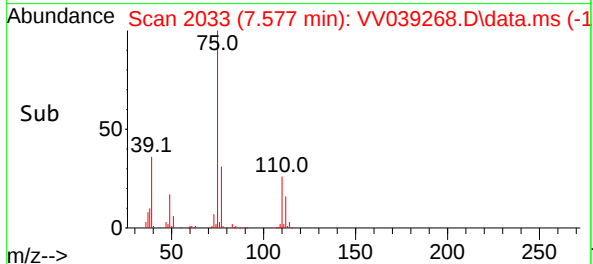
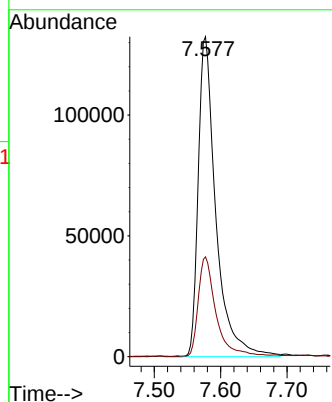
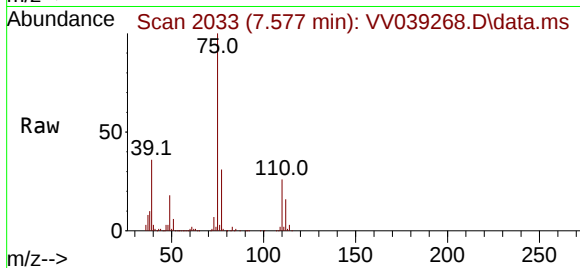
VV1006WBS01

Tgt Ion: 75 Resp: 244211

Ion Ratio Lower Upper

75 100

77 31.1 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.833 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

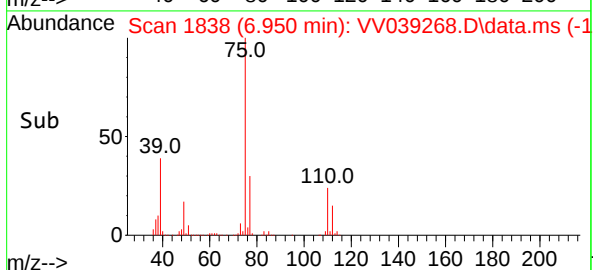
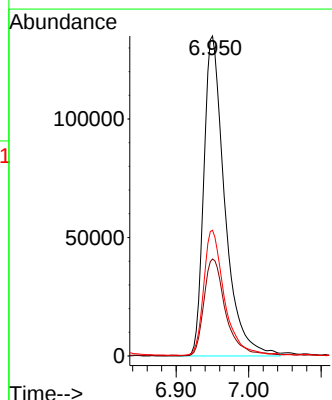
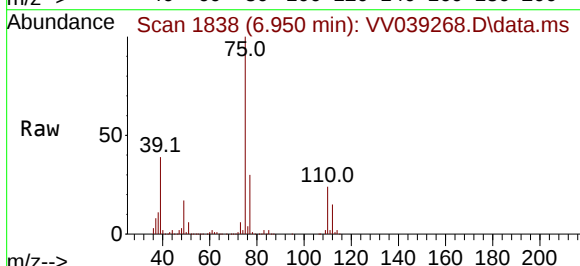
Tgt Ion: 75 Resp: 271456

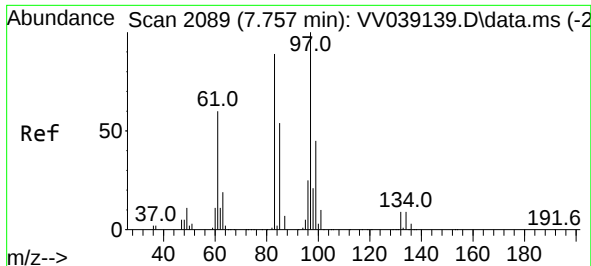
Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3

39 39.1 33.8 50.6

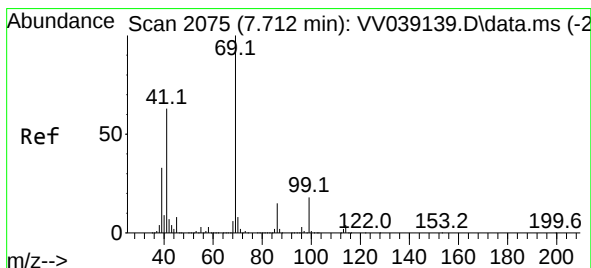
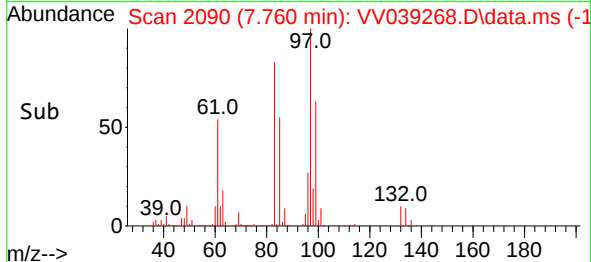
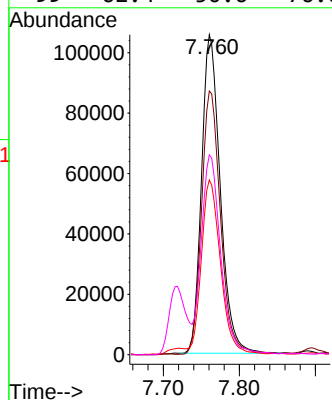
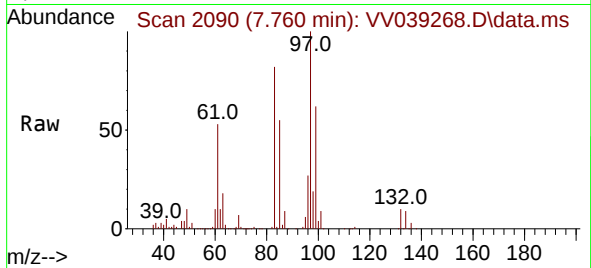




#55
1,1,2-Trichloroethane
Concen: 21.140 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

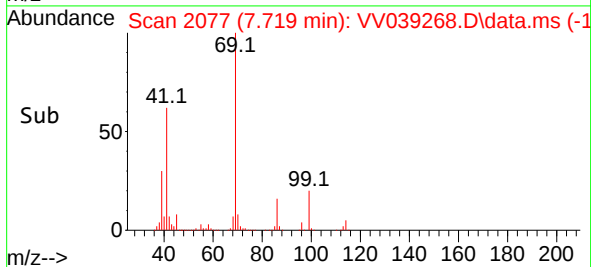
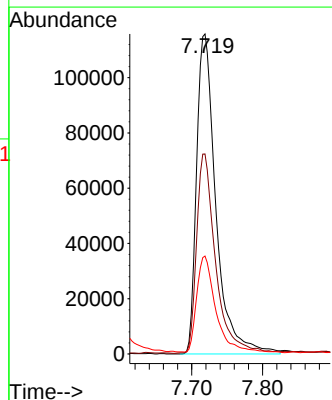
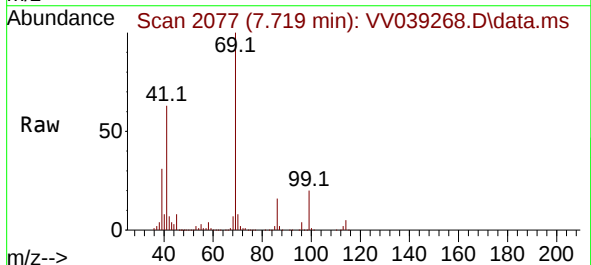
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 97	Resp: 180593		
Ion	Ratio	Lower	Upper
97	100		
83	82.6	71.1	106.7
85	54.5	44.6	67.0
99	62.4	50.6	76.0



#56
Ethyl methacrylate
Concen: 21.666 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 69	Resp: 219796
Ion Ratio	Lower Upper
69 100	
41 61.2	50.7 76.1
39 29.9	26.0 39.0





#57

1,3-Dichloropropane

Concen: 20.710 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

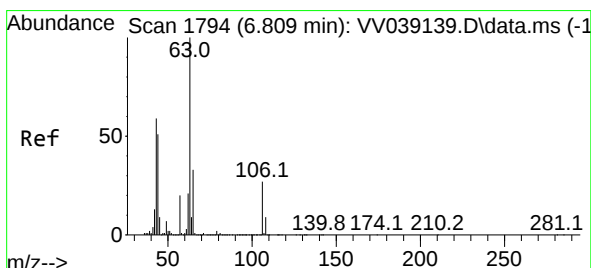
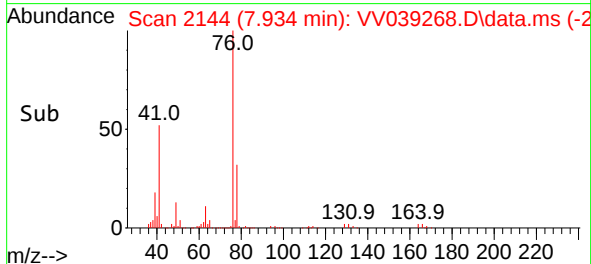
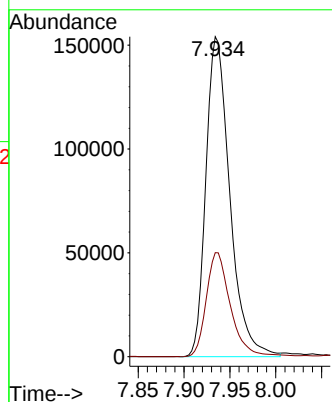
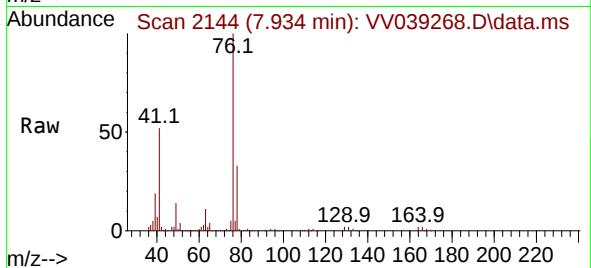
VV1006WBS01

Tgt Ion: 76 Resp: 279212

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 85.256 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV039268.D

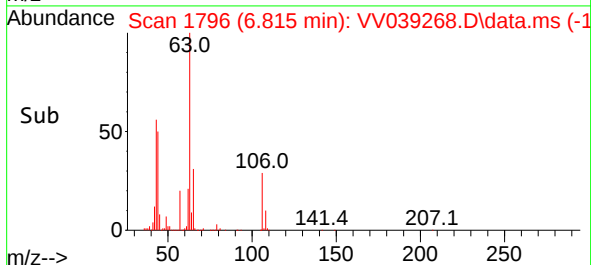
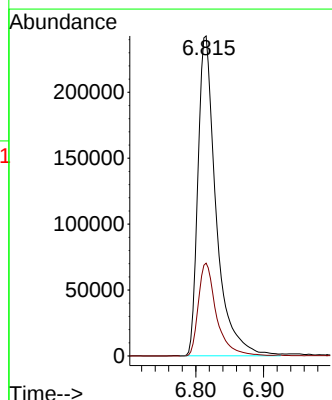
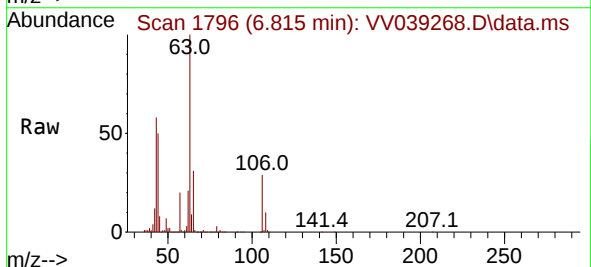
Acq: 06 Oct 2025 13:01

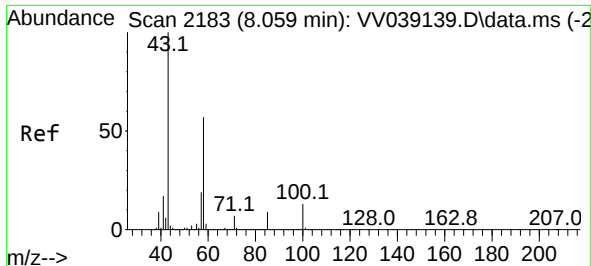
Tgt Ion: 63 Resp: 450595

Ion Ratio Lower Upper

63 100

106 29.0 22.1 33.1

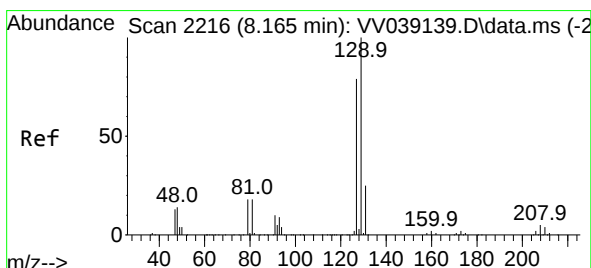
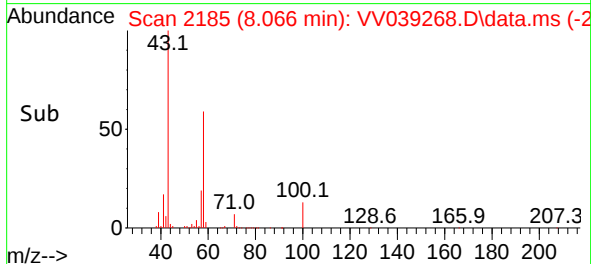
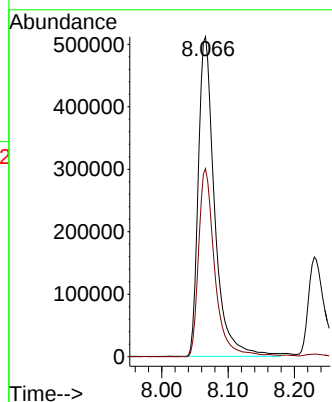
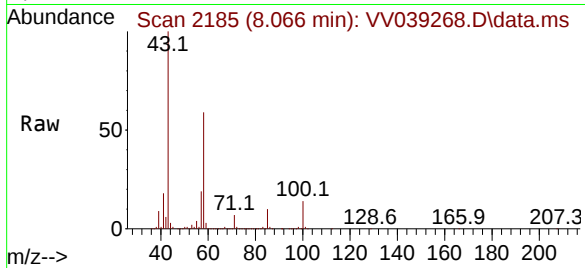




#59
2-Hexanone
Concen: 100.266 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

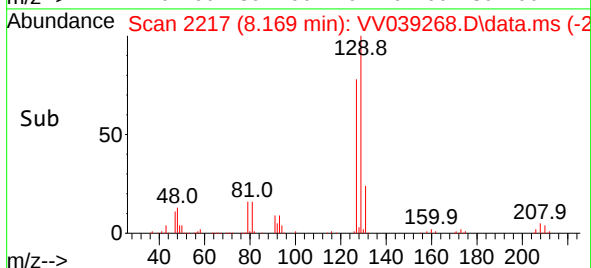
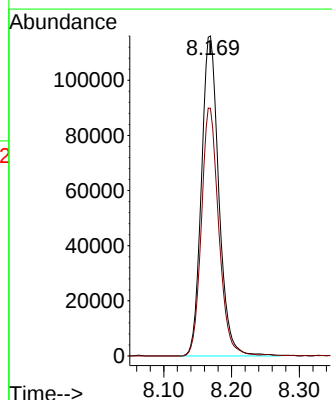
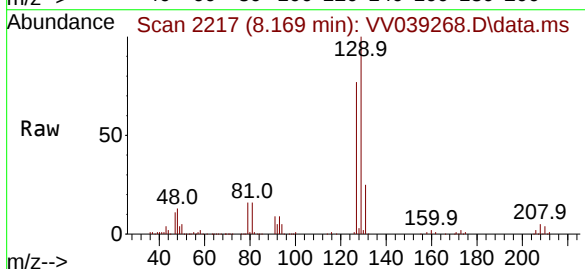
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 43 Resp: 876466
Ion Ratio Lower Upper
43 100
58 57.8 28.3 85.0



#60
Dibromochloromethane
Concen: 21.286 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 129 Resp: 207193
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.9





#61

1,2-Dibromoethane

Concen: 21.841 ug/l

RT: 8.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

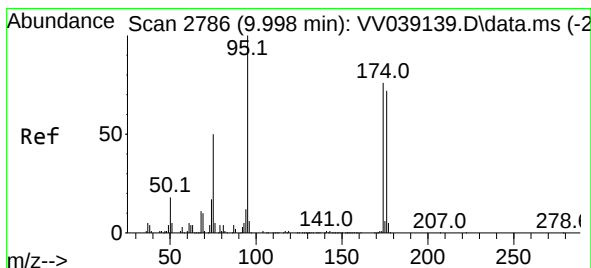
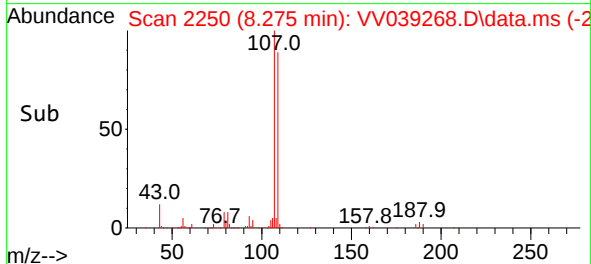
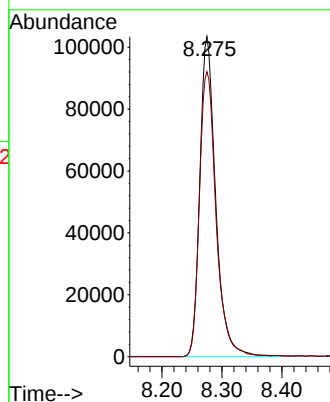
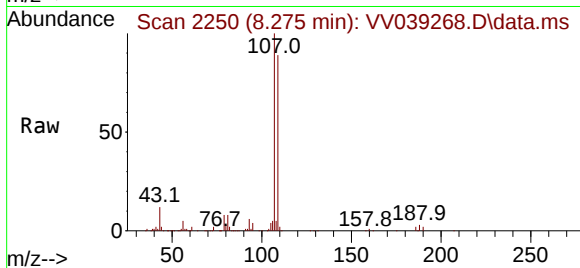
VV1006WBS01

Tgt Ion:107 Resp: 190812

Ion Ratio Lower Upper

107 100

109 93.2 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 55.614 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

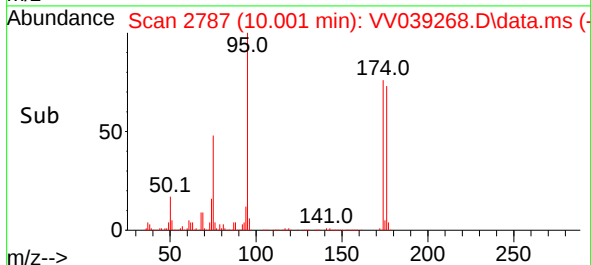
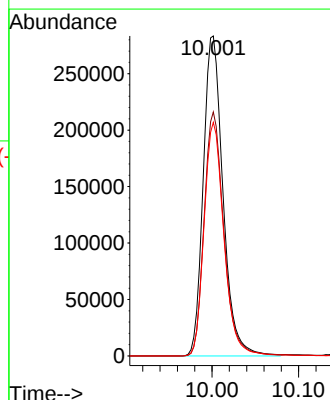
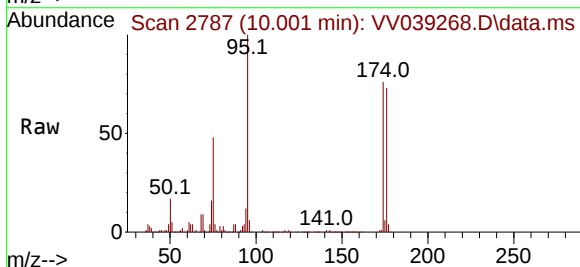
Tgt Ion: 95 Resp: 448797

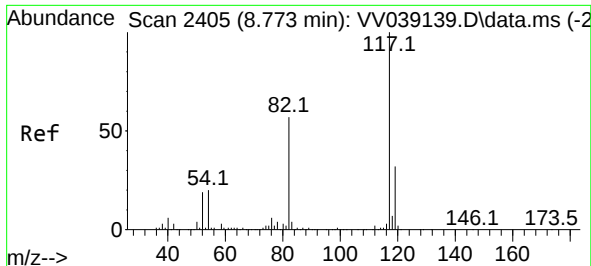
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 73.5 0.0 144.2

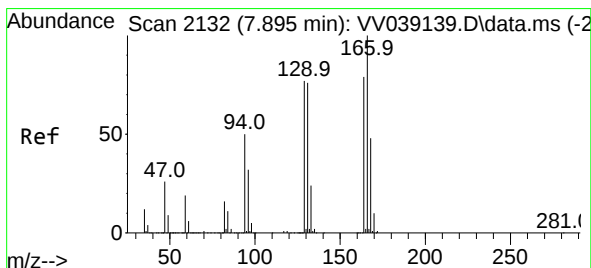
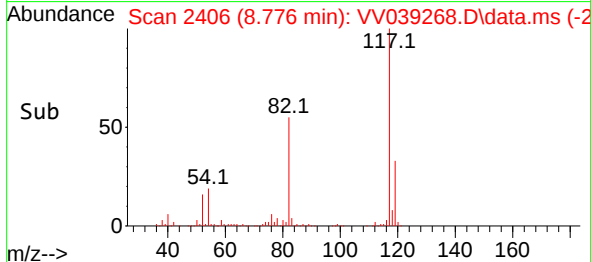
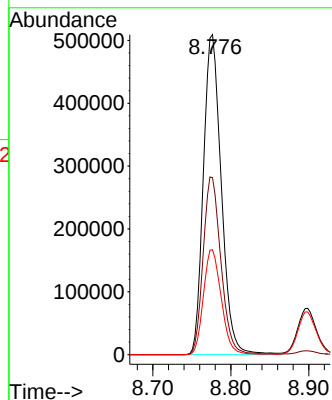
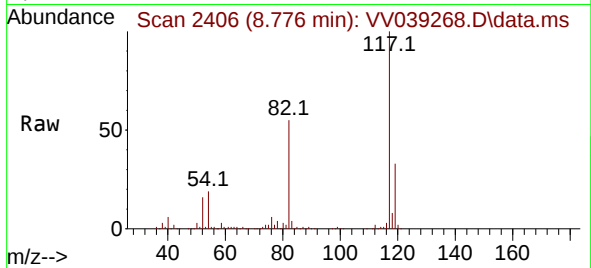




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

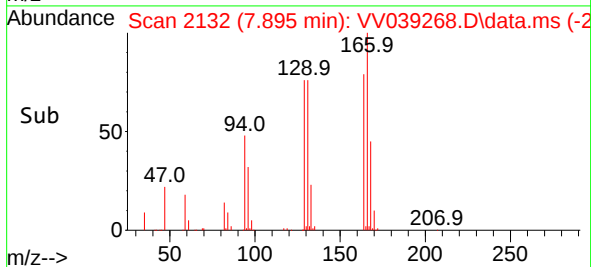
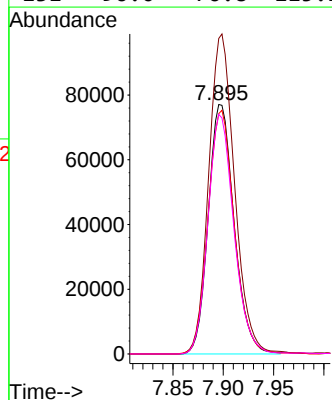
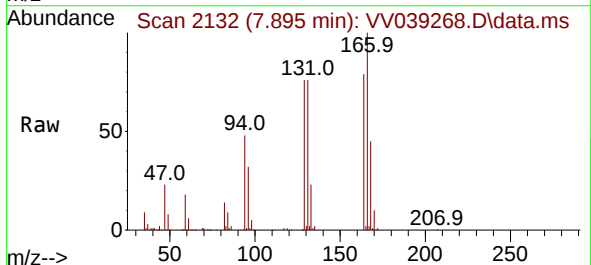
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

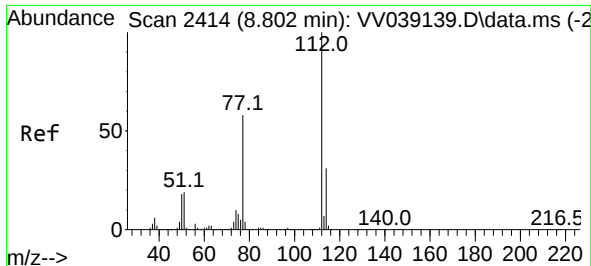
Tgt Ion:117 Resp: 815170
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 20.147 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:164 Resp: 137556
Ion Ratio Lower Upper
164 100
166 126.5 101.6 152.4
129 96.2 78.5 117.7
131 96.0 76.8 115.2

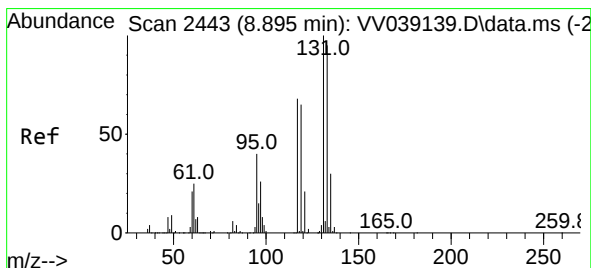
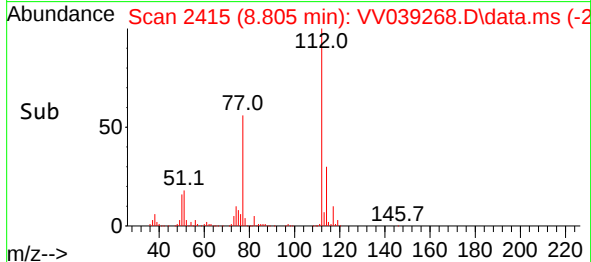
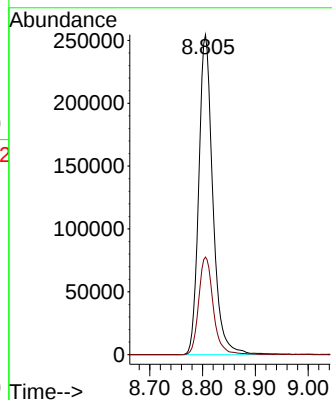
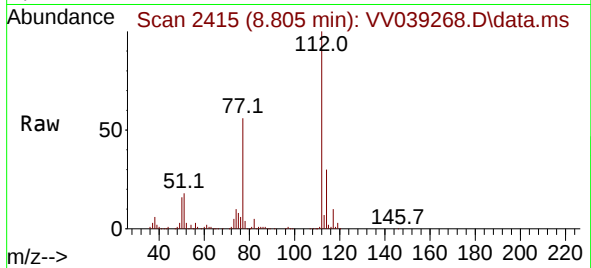




#65
Chlorobenzene
Concen: 20.778 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

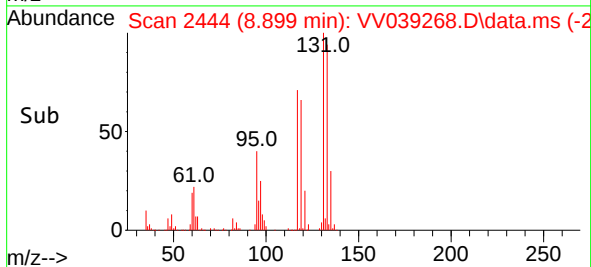
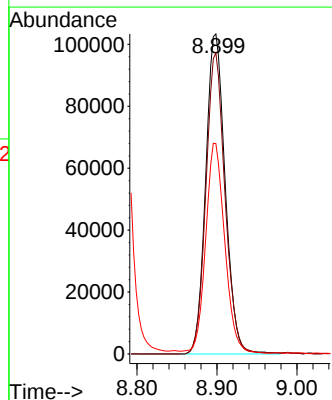
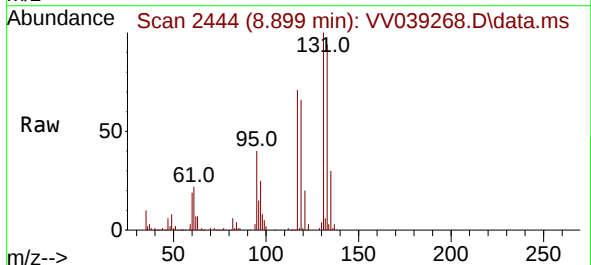
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

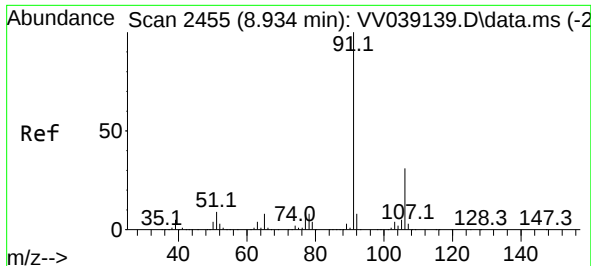
Tgt Ion:112 Resp: 471780
Ion Ratio Lower Upper
112 100
114 30.5 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.337 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:131 Resp: 175052
Ion Ratio Lower Upper
131 100
133 92.7 47.3 141.8
119 64.3 33.3 99.8





#67

Ethyl Benzene

Concen: 20.649 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

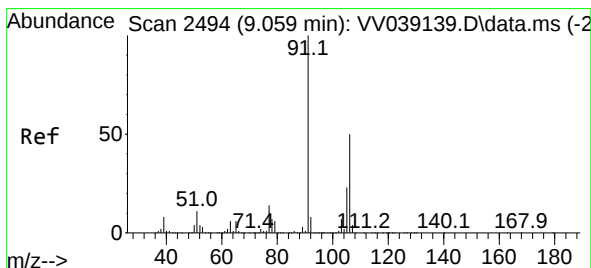
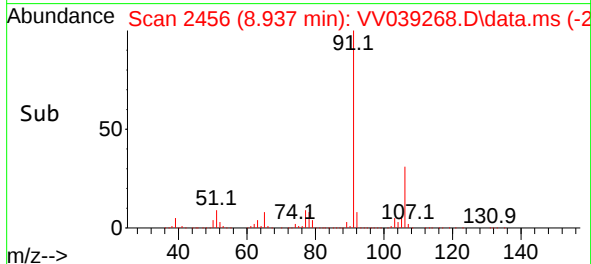
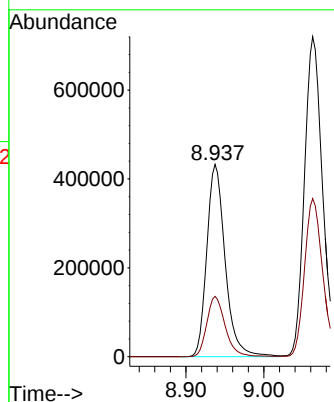
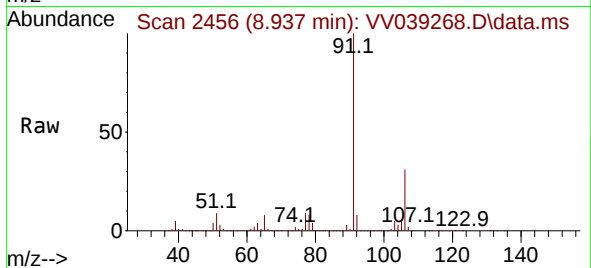
VV1006WBS01

Tgt Ion: 91 Resp: 709730

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 44.005 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039268.D

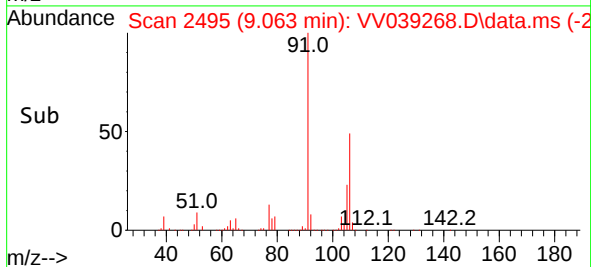
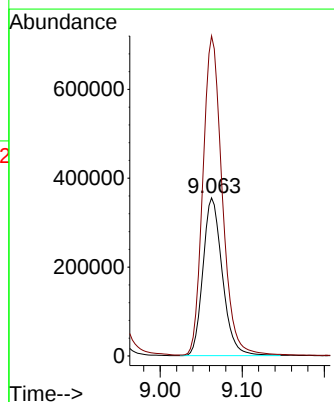
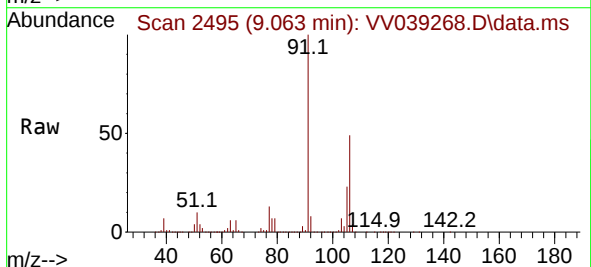
Acq: 06 Oct 2025 13:01

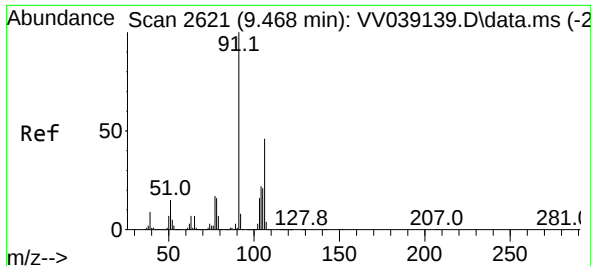
Tgt Ion: 106 Resp: 583751

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7

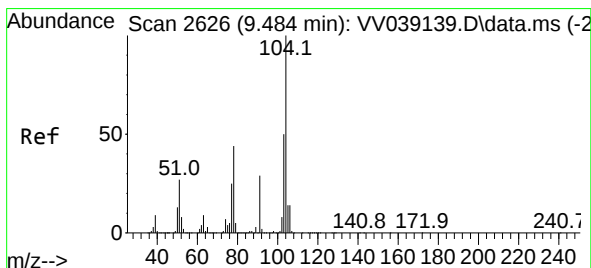
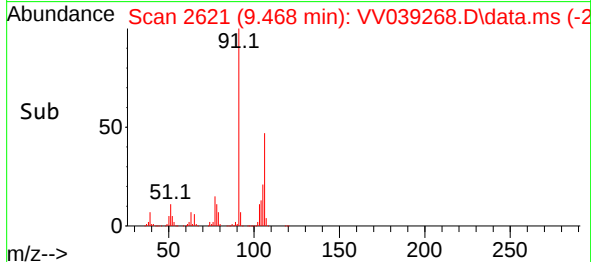
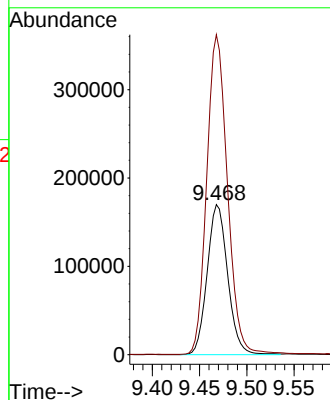
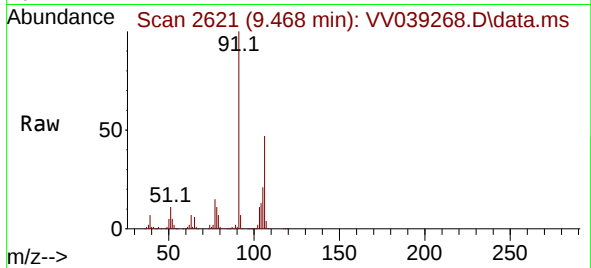




#69
o-Xylene
Concen: 21.894 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

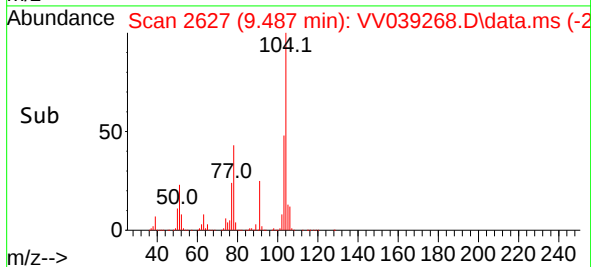
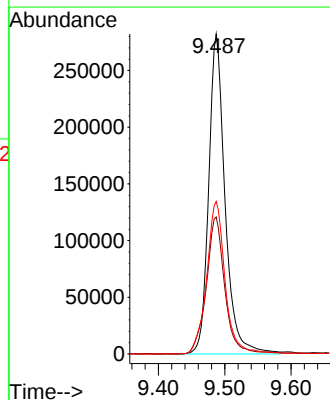
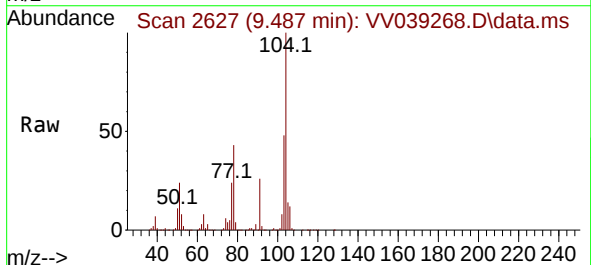
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

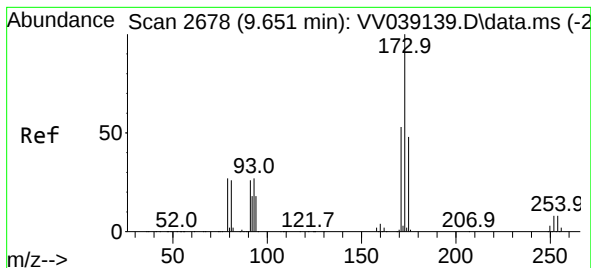
Tgt Ion:106 Resp: 257164
Ion Ratio Lower Upper
106 100
91 214.5 109.1 327.3



#70
Styrene
Concen: 20.337 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:104 Resp: 484260
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.6
103 53.7 43.4 65.2





#71

Bromoform

Concen: 22.352 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

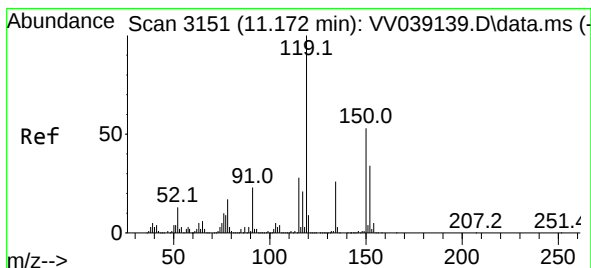
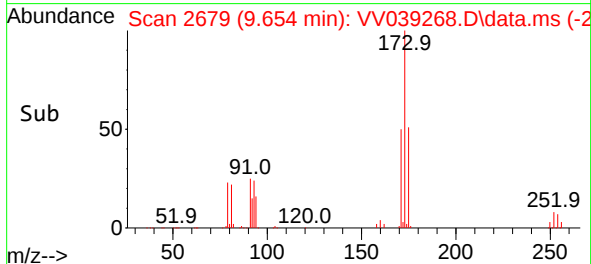
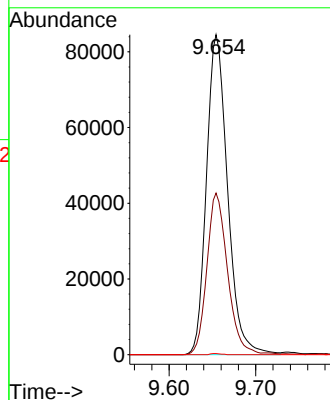
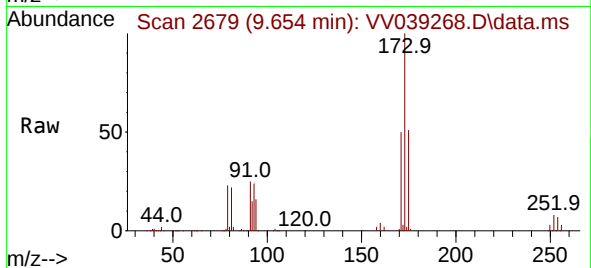
Tgt Ion:173 Resp: 143243

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

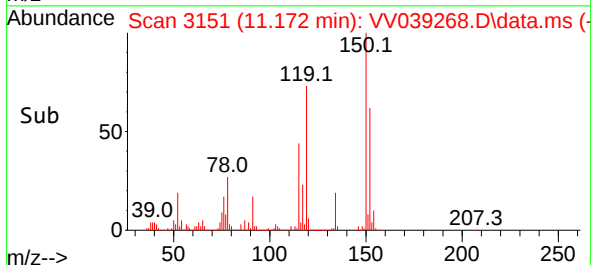
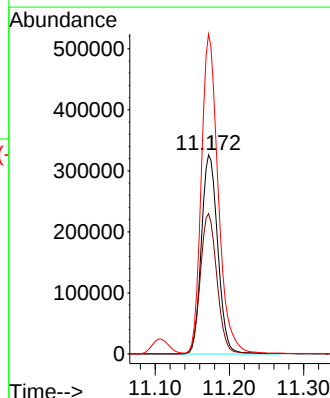
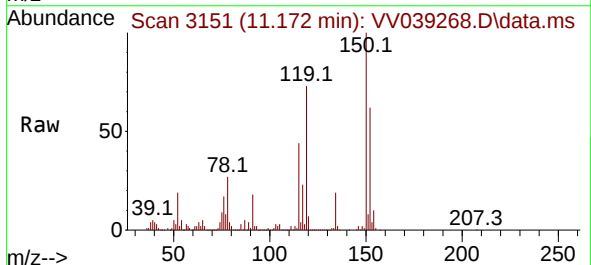
Tgt Ion:152 Resp: 499953

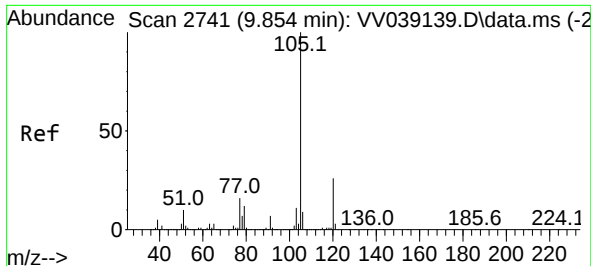
Ion Ratio Lower Upper

152 100

115 71.2 44.8 134.4

150 165.2 0.0 353.8

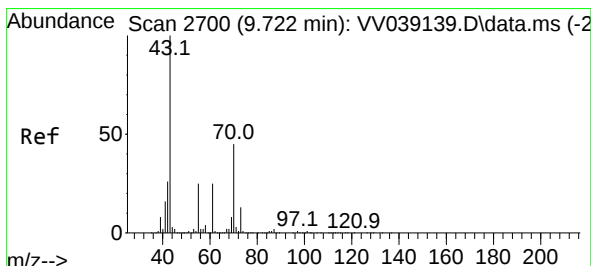
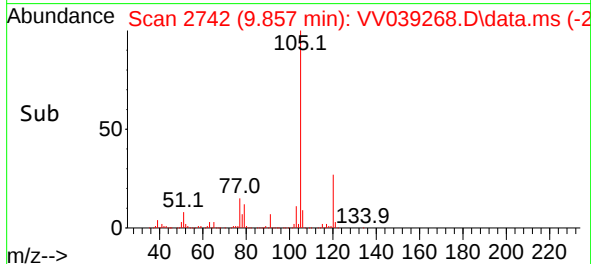
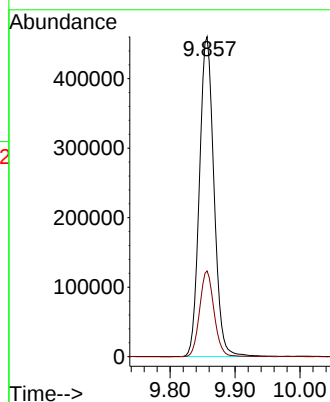
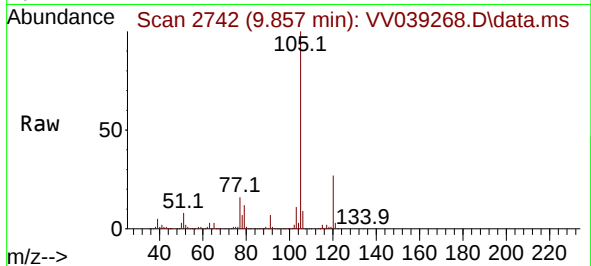




#73
Isopropylbenzene
Concen: 19.808 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

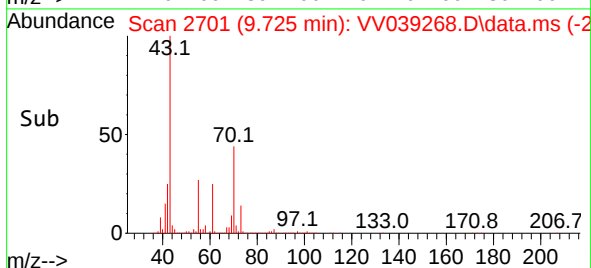
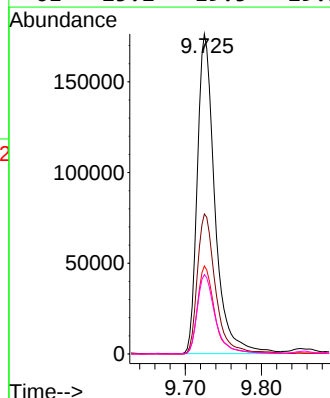
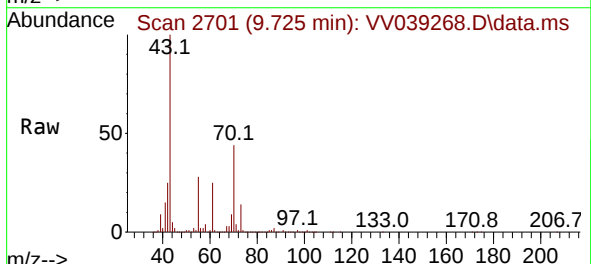
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

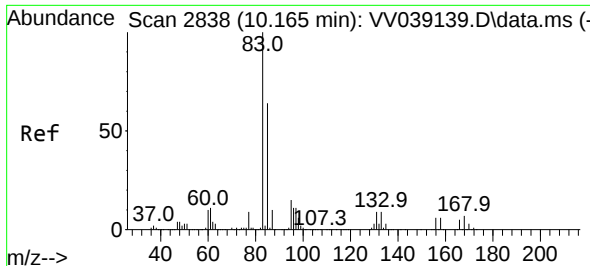
Tgt Ion:105 Resp: 718263
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 19.585 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 43 Resp: 283274
Ion Ratio Lower Upper
43 100
70 45.5 35.4 53.0
55 27.3 20.6 30.8
61 25.2 19.5 29.3

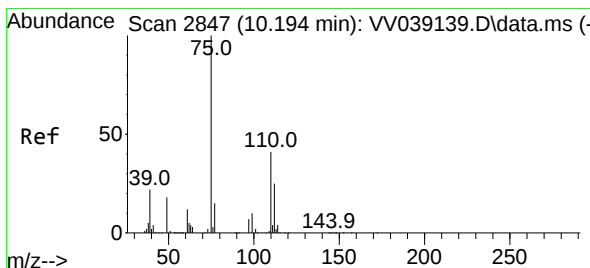
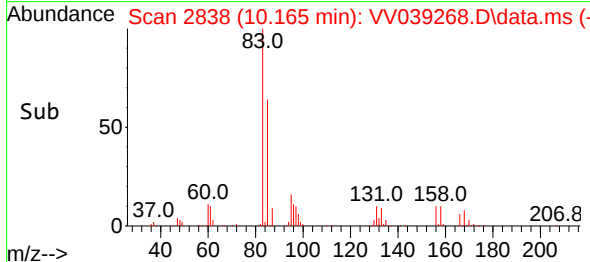
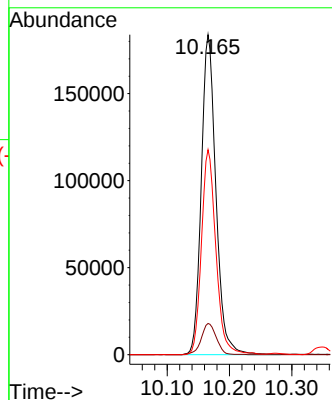
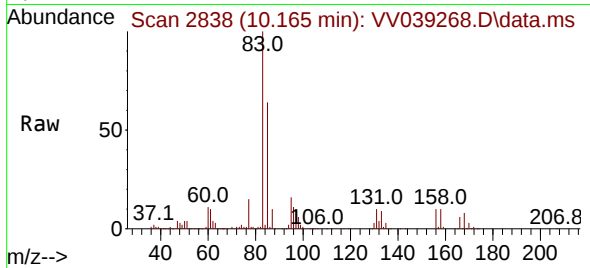




#75
 1,1,2-Tetrachloroethane
 Concen: 18.868 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

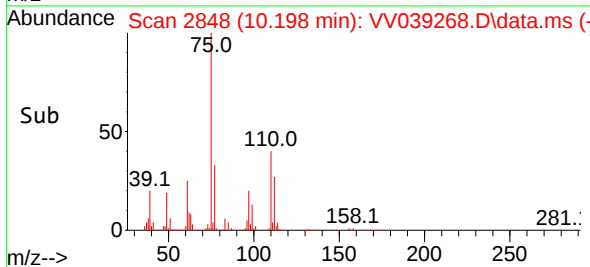
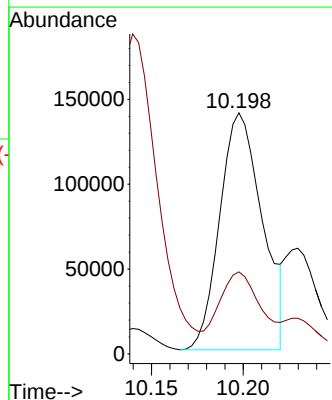
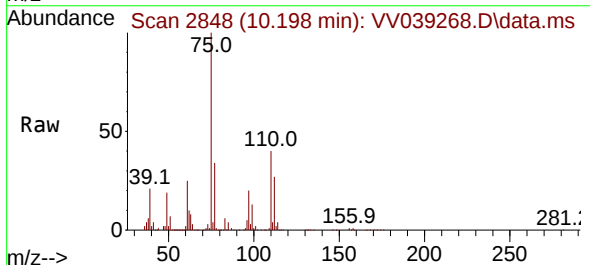
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBS01

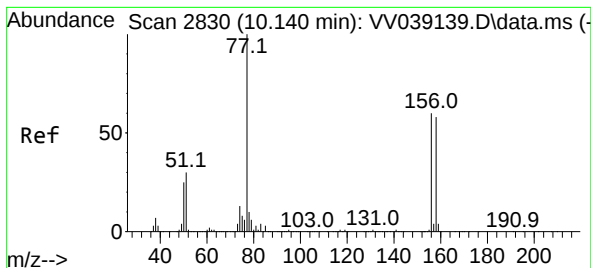
Tgt Ion: 83 Resp: 299775
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.5 13.7
 85 63.5 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 19.806 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

Tgt Ion: 75 Resp: 225450
 Ion Ratio Lower Upper
 75 100
 77 21.2 11.3 33.8





#77

Bromobenzene

Concen: 20.633 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

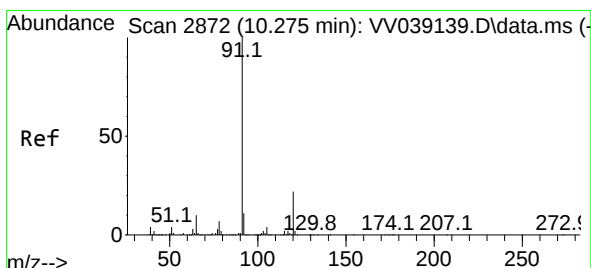
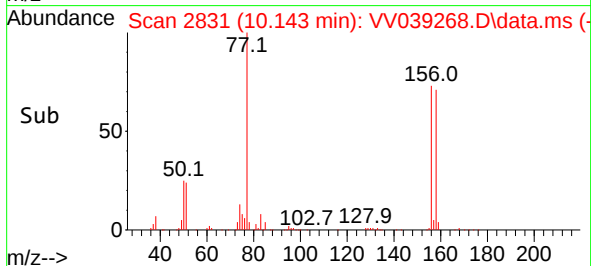
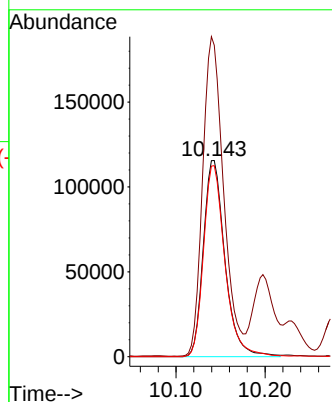
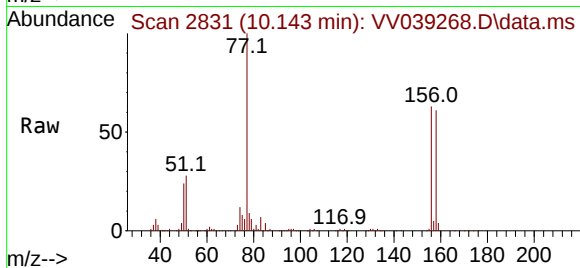
Tgt Ion:156 Resp: 194118

Ion Ratio Lower Upper

156 100

77 157.4 83.4 250.1

158 96.9 48.8 146.4



#78

n-propylbenzene

Concen: 19.459 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039268.D

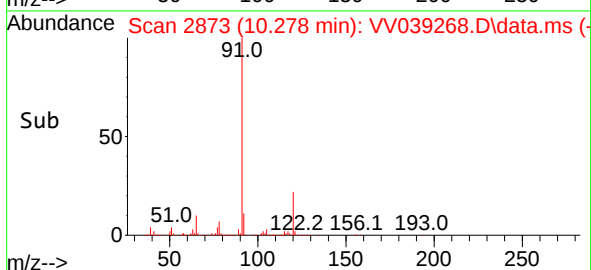
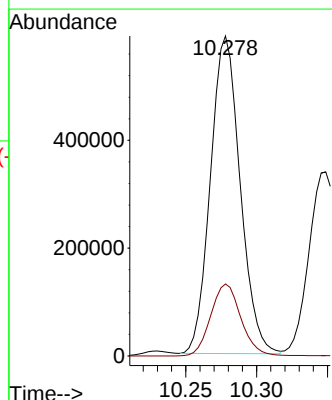
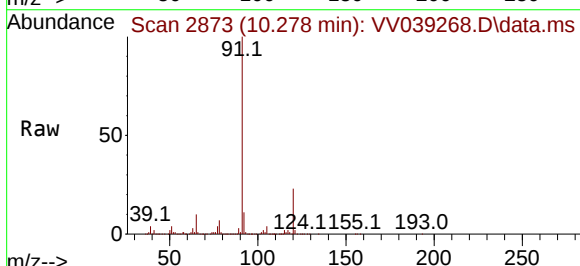
Acq: 06 Oct 2025 13:01

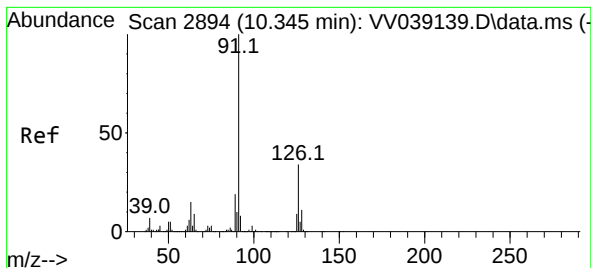
Tgt Ion: 91 Resp: 859265

Ion Ratio Lower Upper

91 100

120 23.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.605 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

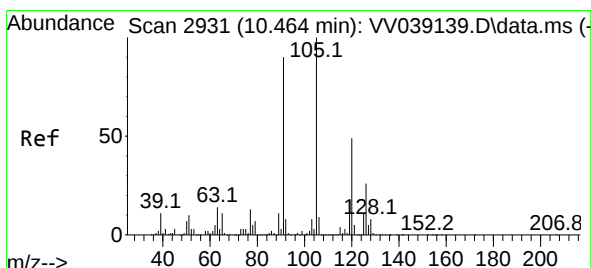
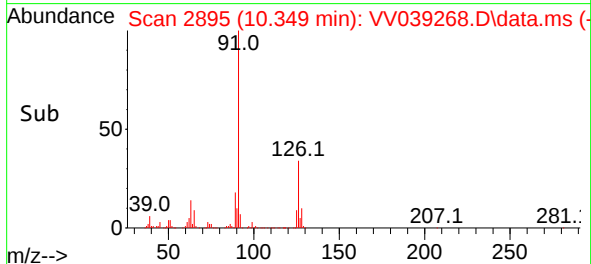
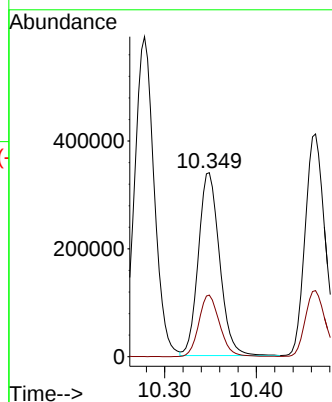
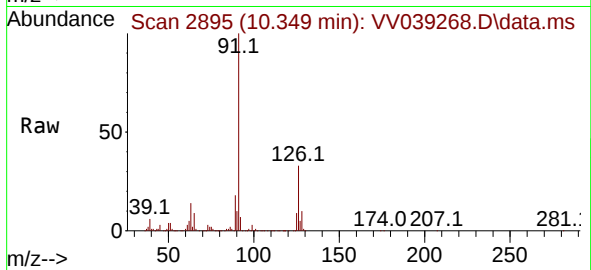
VV1006WBS01

Tgt Ion: 91 Resp: 544453

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 20.203 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039268.D

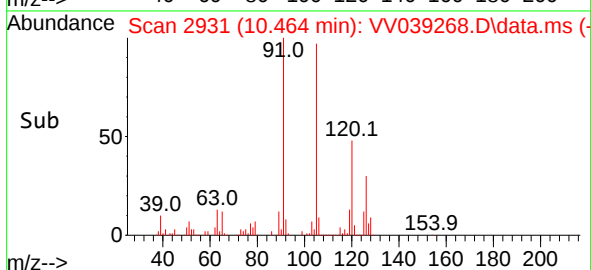
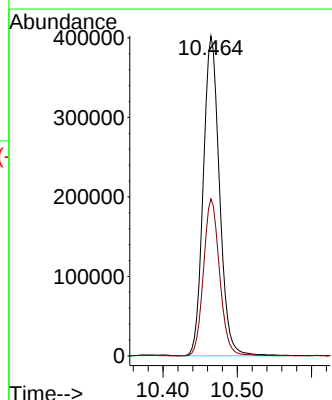
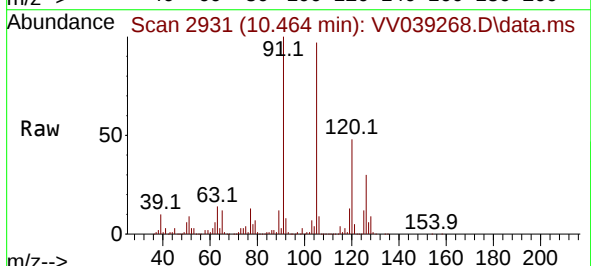
Acq: 06 Oct 2025 13:01

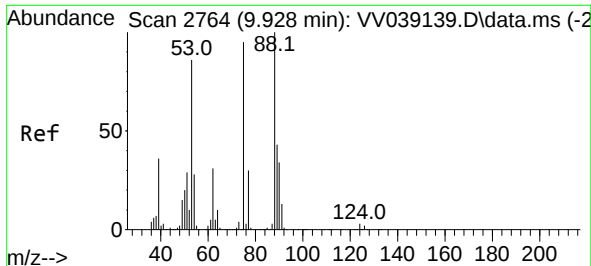
Tgt Ion: 105 Resp: 608916

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

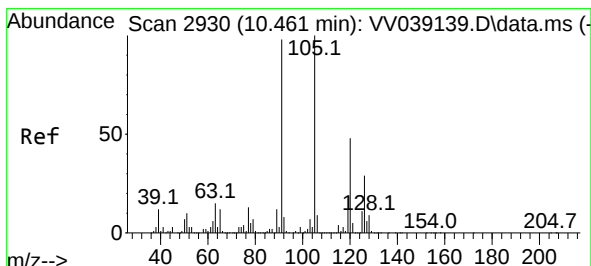
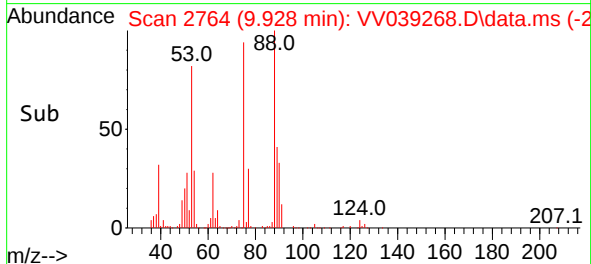
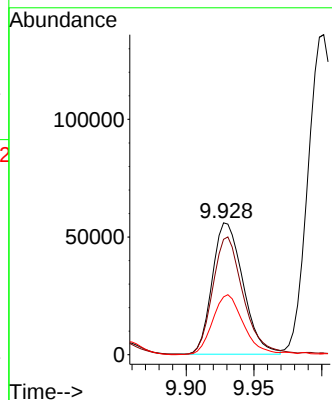
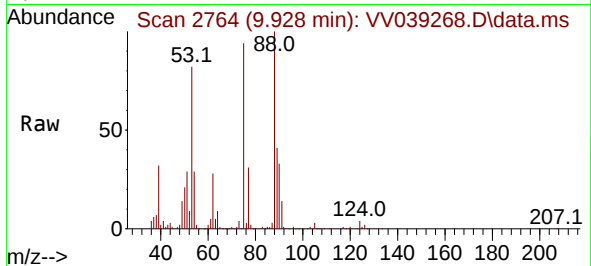




#81
trans-1,4-Dichloro-2-butene
Concen: 18.637 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

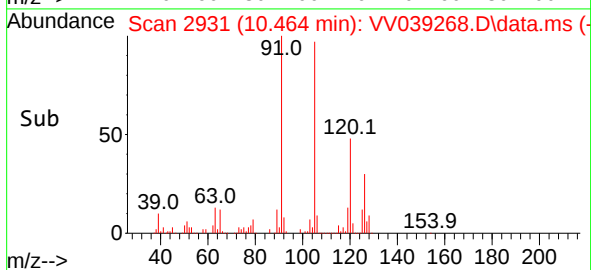
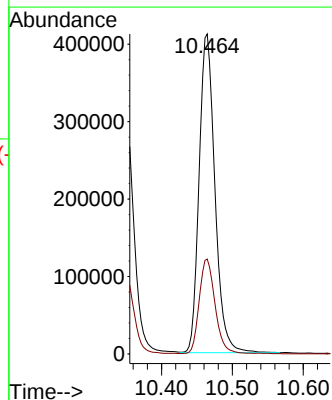
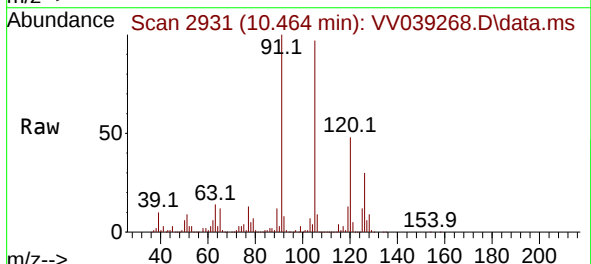
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion: 75 Resp: 88371
Ion Ratio Lower Upper
75 100
53 88.3 72.5 108.7
89 46.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.825 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion: 91 Resp: 638047
Ion Ratio Lower Upper
91 100
126 29.5 14.5 43.6





#83

tert-Butylbenzene

Concen: 19.331 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

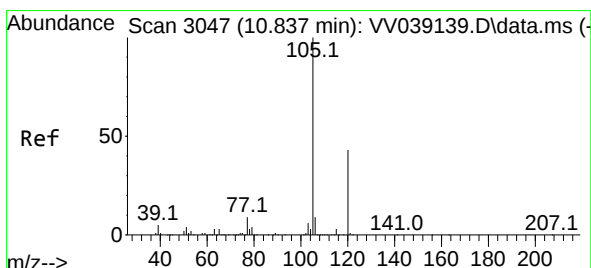
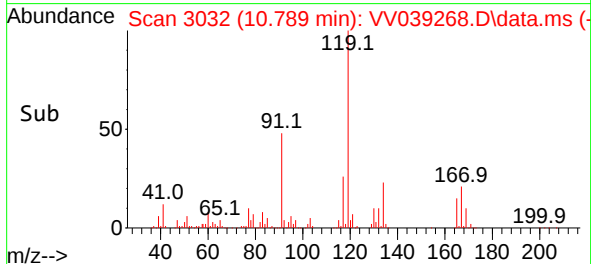
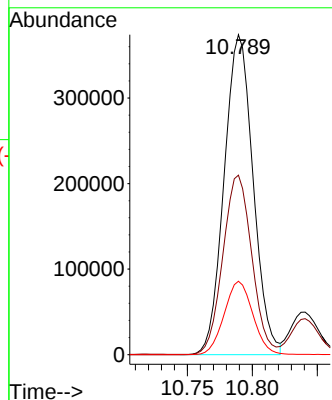
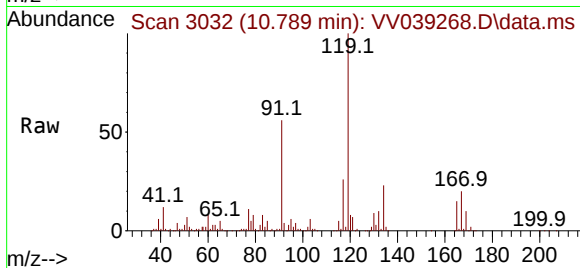
Tgt Ion:119 Resp: 580986

Ion Ratio Lower Upper

119 100

91 55.7 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.729 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039268.D

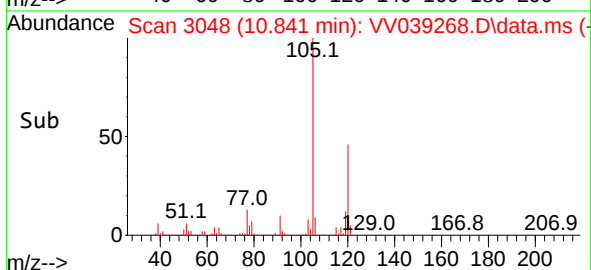
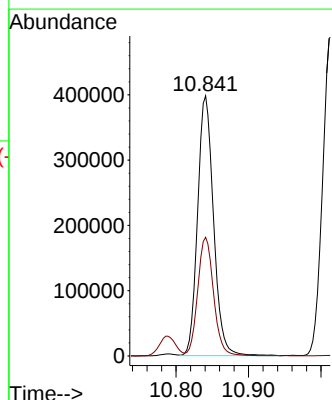
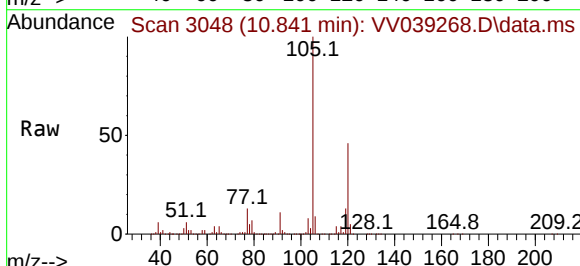
Acq: 06 Oct 2025 13:01

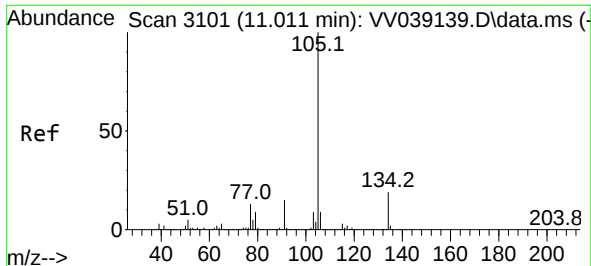
Tgt Ion:105 Resp: 606570

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2

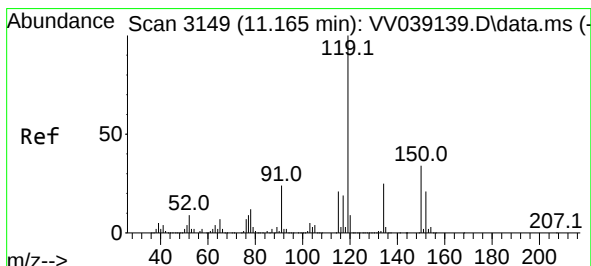
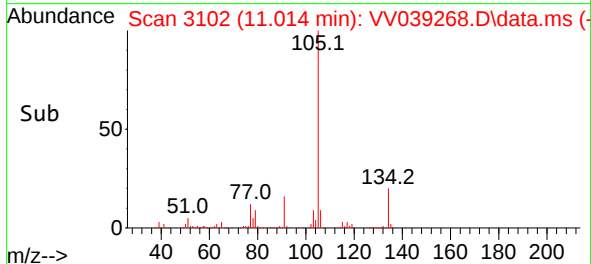
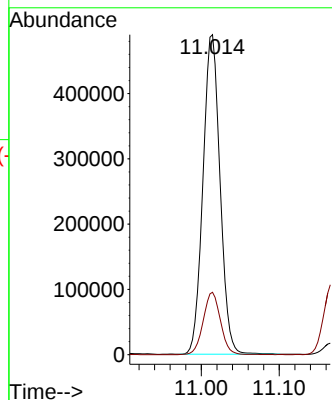
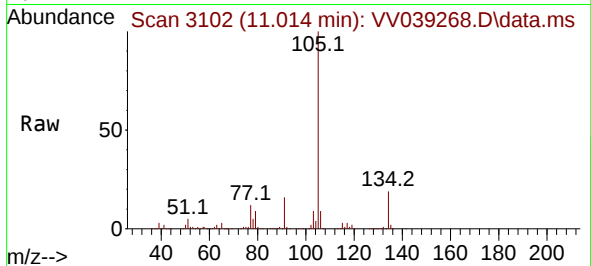




#85
 sec-Butylbenzene
 Concen: 18.717 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

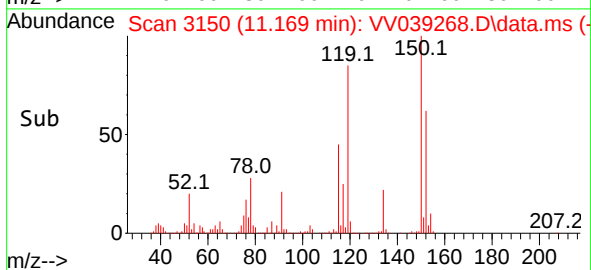
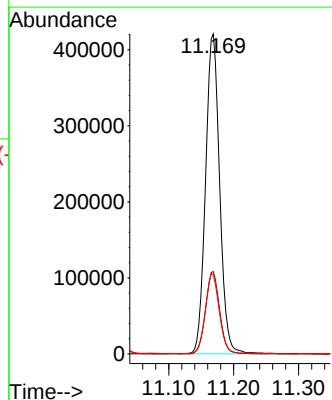
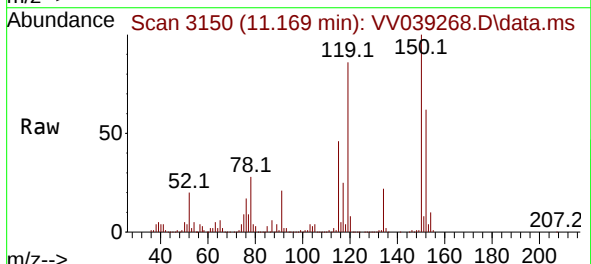
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBS01

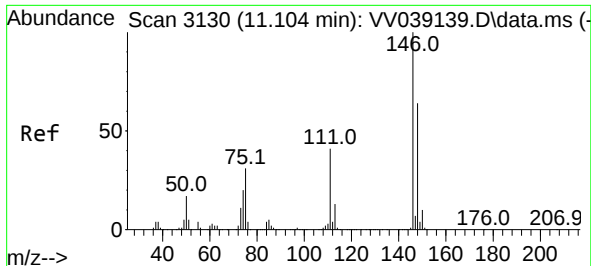
Tgt Ion:105 Resp: 746133
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.138 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV039268.D
 Acq: 06 Oct 2025 13:01

Tgt Ion:119 Resp: 634984
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 24.8 12.0 36.1

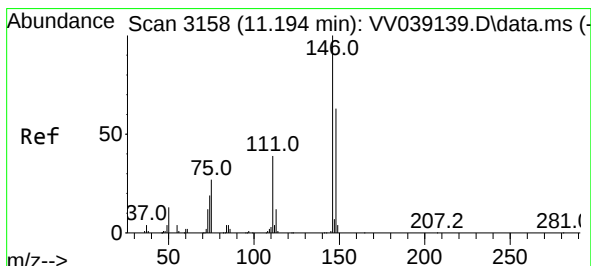
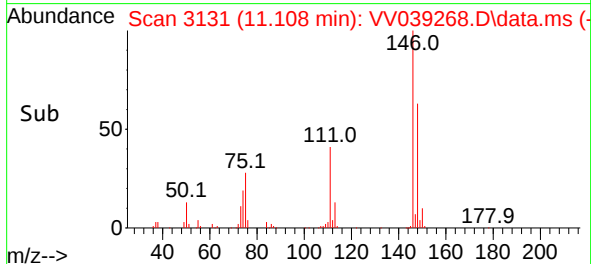
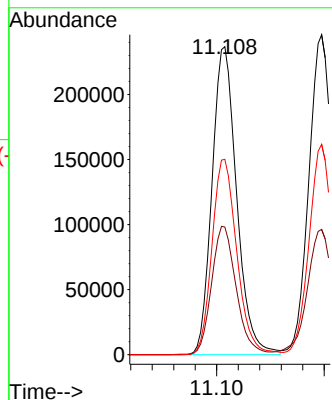
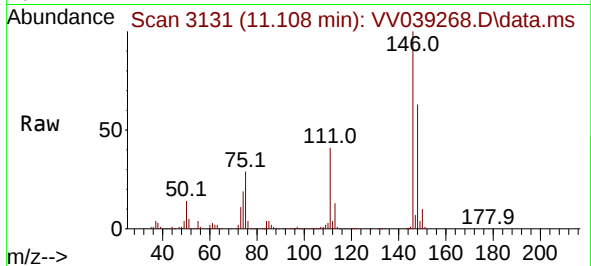




#87
1,3-Dichlorobenzene
Concen: 19.783 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

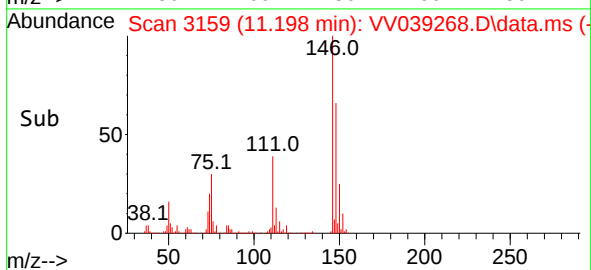
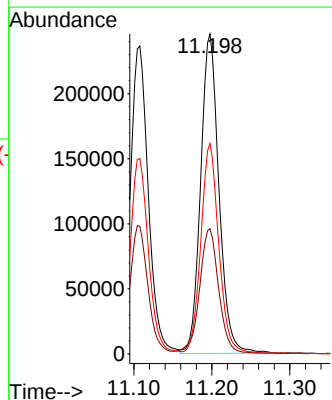
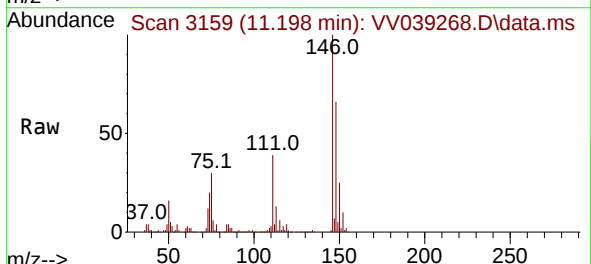
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

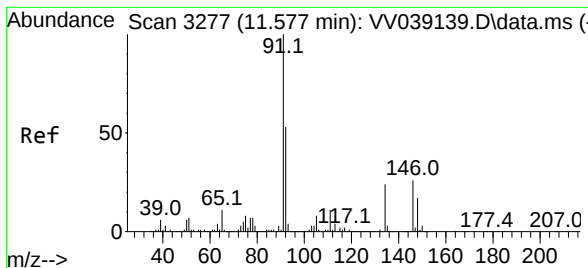
Tgt Ion:146 Resp: 376684
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 64.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.167 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:146 Resp: 400394
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.8
148 64.2 31.4 94.2





#89

n-Butylbenzene

Concen: 18.453 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

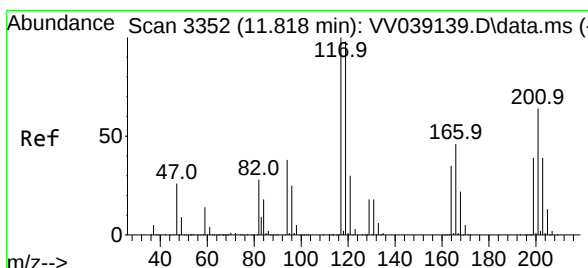
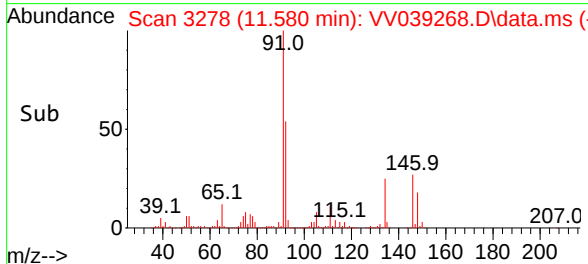
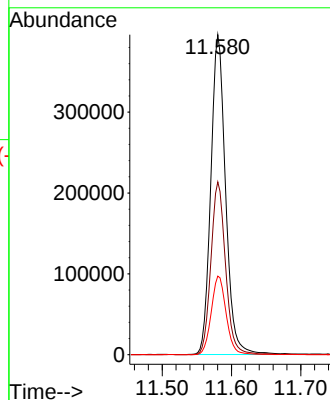
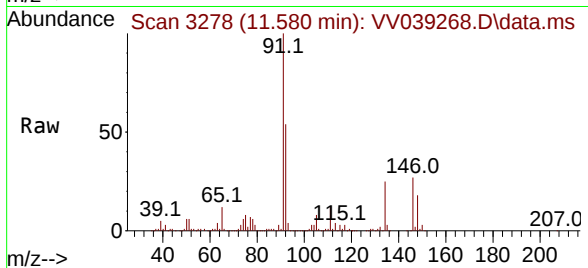
Tgt Ion: 91 Resp: 584712

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

134 24.8 12.1 36.3



#90

Hexachloroethane

Concen: 16.932 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039268.D

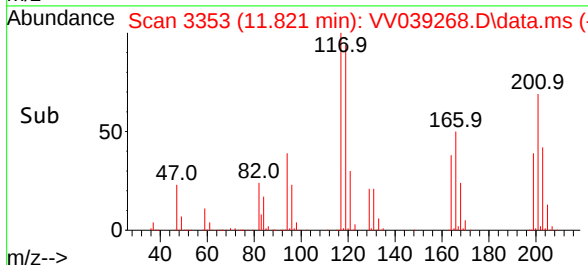
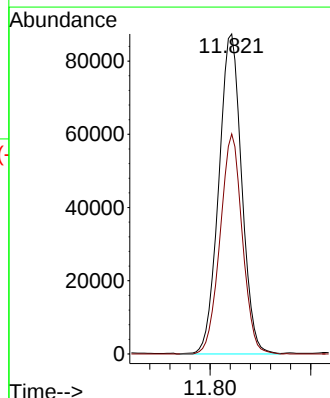
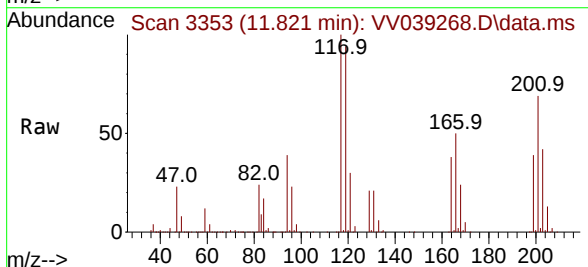
Acq: 06 Oct 2025 13:01

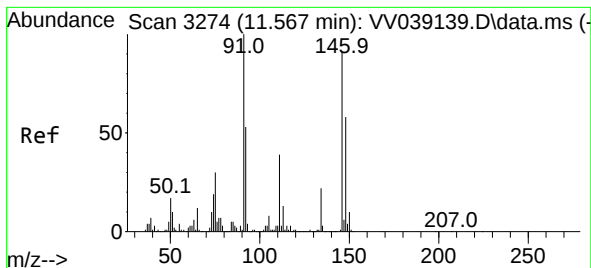
Tgt Ion: 117 Resp: 138340

Ion Ratio Lower Upper

117 100

201 66.5 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 19.747 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

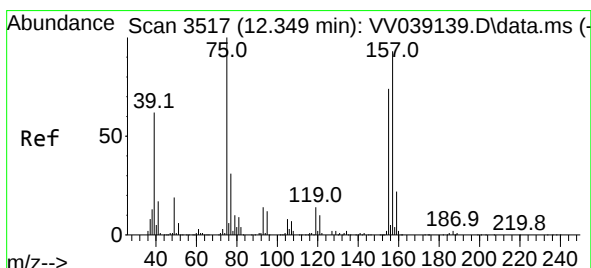
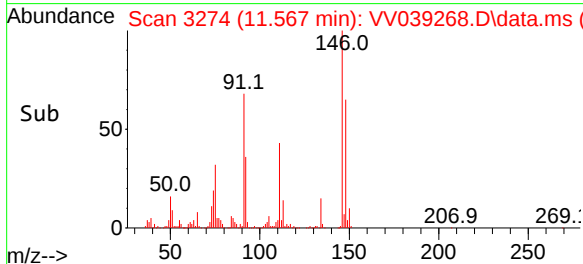
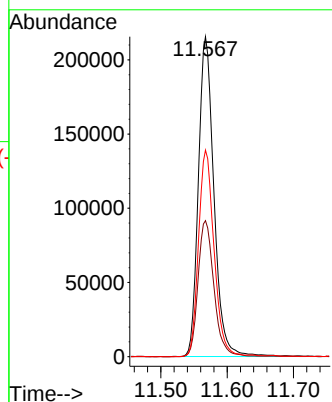
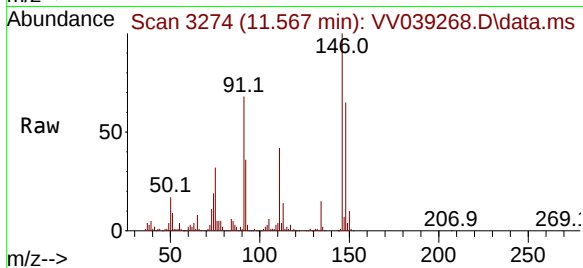
Tgt Ion:146 Resp: 351285

Ion Ratio Lower Upper

146 100

111 43.6 21.5 64.5

148 64.5 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.068 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

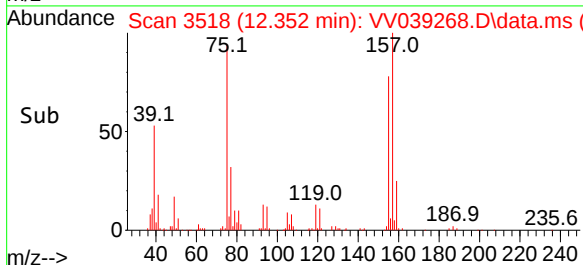
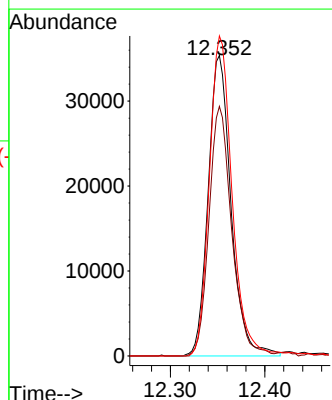
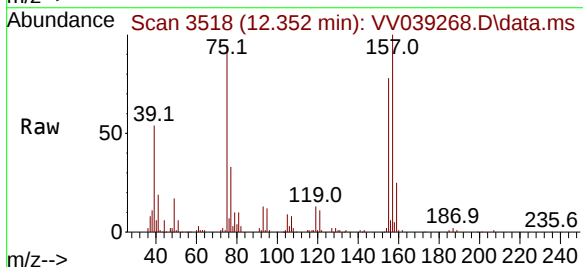
Tgt Ion: 75 Resp: 59576

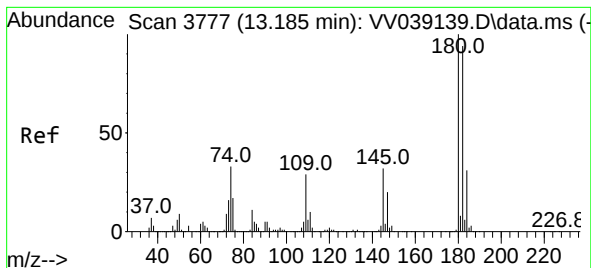
Ion Ratio Lower Upper

75 100

155 82.3 38.6 115.8

157 105.8 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 20.331 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBS01

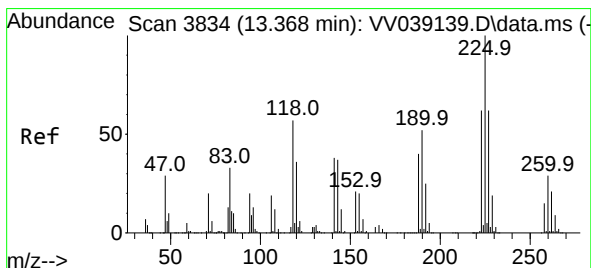
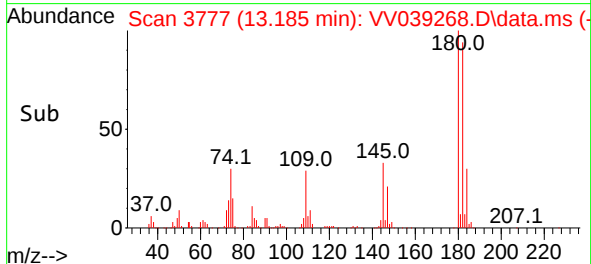
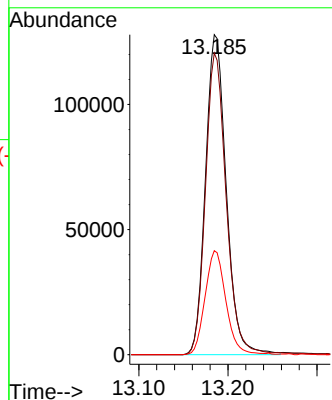
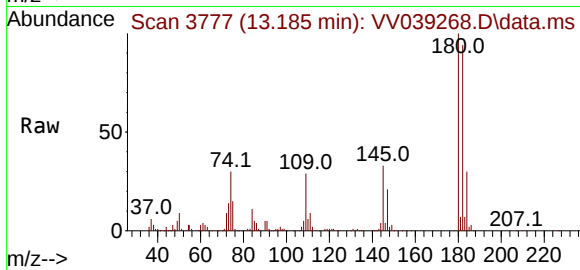
Tgt Ion:180 Resp: 207321

Ion Ratio Lower Upper

180 100

182 93.7 47.1 141.4

145 32.6 16.3 48.8



#94

Hexachlorobutadiene

Concen: 16.893 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039268.D

Acq: 06 Oct 2025 13:01

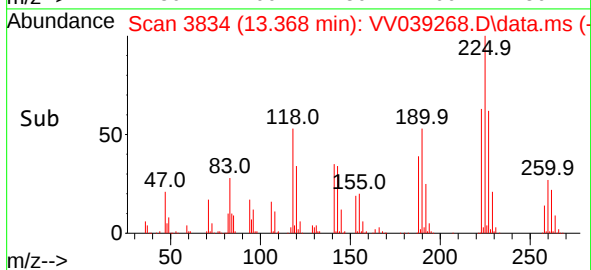
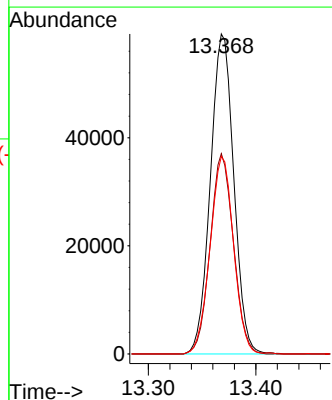
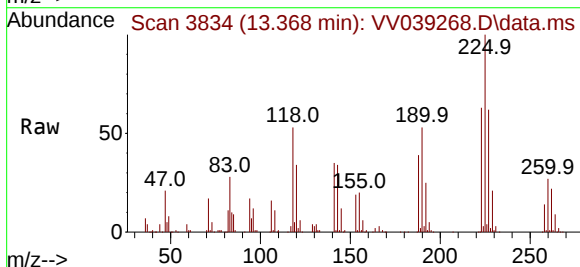
Tgt Ion:225 Resp: 89509

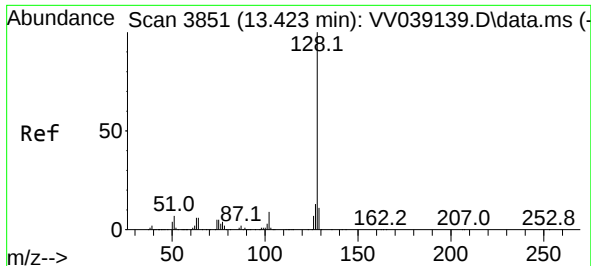
Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.7

227 61.9 31.8 95.4

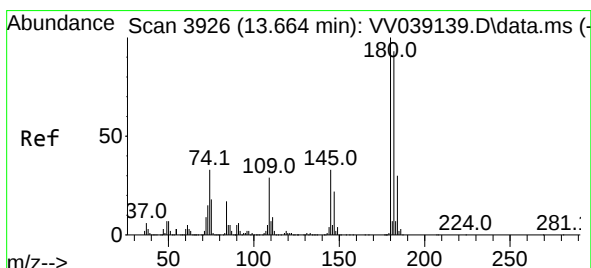
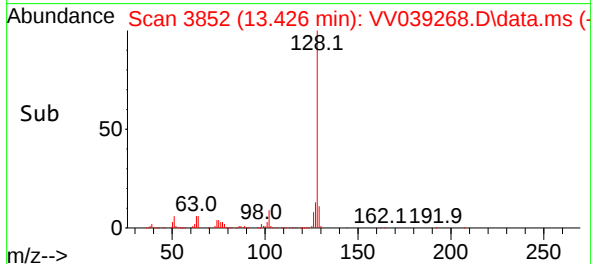
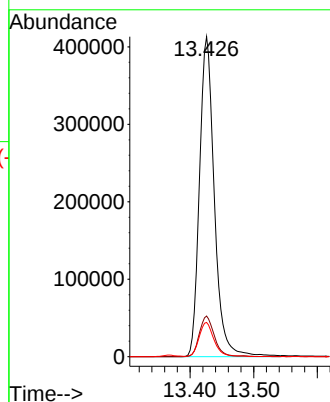
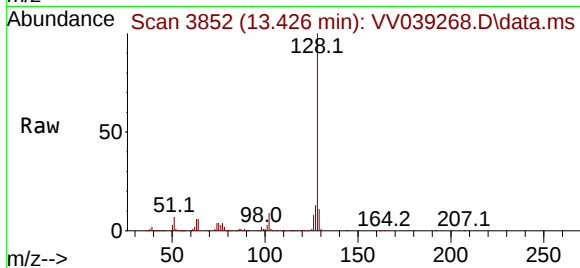




#95
Naphthalene
Concen: 20.346 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBS01

Tgt Ion:128 Resp: 670606
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.340 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039268.D
Acq: 06 Oct 2025 13:01

Tgt Ion:180 Resp: 212131
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.8
145 34.6 17.0 51.0

