

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039269.D
 Acq On : 06 Oct 2025 13:24
 Operator : SY/MD
 Sample : VV1006WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBSD01

Quant Time: Oct 07 03:33:08 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	510158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	804738	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	787178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	329690	44.652	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.300%
35) Dibromofluoromethane	4.503	113	329944	51.000	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.000%
50) Toluene-d8	7.236	98	886744	46.669	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.340%
62) 4-Bromofluorobenzene	10.001	95	425366	54.380	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	132784	16.442	ug/l	100
3) Chloromethane	1.230	50	142779	16.469	ug/l	99
4) Vinyl Chloride	1.298	62	162006	17.455	ug/l	99
5) Bromomethane	1.497	94	100624	17.198	ug/l	100
6) Chloroethane	1.561	64	109213	18.697	ug/l	100
7) Trichlorofluoromethane	1.725	101	257329	19.150	ug/l	100
8) Diethyl Ether	1.921	74	100719	20.190	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	158081	19.771	ug/l	97
10) Methyl Iodide	2.198	142	140548	18.459	ug/l	99
11) Tert butyl alcohol	2.571	59	180055	115.381	ug/l	100
12) 1,1-Dichloroethene	2.085	96	148292	19.279	ug/l	89
13) Acrolein	2.015	56	10708	39.544	ug/l	94
14) Allyl chloride	2.359	41	247320	18.000	ug/l	95
15) Acrylonitrile	2.677	53	510999	102.148	ug/l	99
16) Acetone	2.121	43	452020	92.451	ug/l	98
17) Carbon Disulfide	2.256	76	392330	16.678	ug/l	100
18) Methyl Acetate	2.381	43	266041	24.319	ug/l	97
19) Methyl tert-butyl Ether	2.716	73	524720	21.408	ug/l	99
20) Methylene Chloride	2.458	84	180177	21.077	ug/l	91
21) trans-1,2-Dichloroethene	2.703	96	158494	19.356	ug/l	92
22) Diisopropyl ether	3.217	45	513432	19.531	ug/l	83
23) Vinyl Acetate	3.191	43	2196890	95.532	ug/l	97
24) 1,1-Dichloroethane	3.121	63	306903	19.091	ug/l	98
25) 2-Butanone	3.873	43	597088	100.988	ug/l	95
26) 2,2-Dichloropropane	3.812	77	249402	17.497	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	179512	19.877	ug/l	98
28) Bromochloromethane	4.146	49	157627	22.210	ug/l	90
29) Tetrahydrofuran	4.240	42	384538	103.908	ug/l	96
30) Chloroform	4.281	83	322047	19.185	ug/l	100
31) Cyclohexane	4.584	56	219941	16.701	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	278340	19.152	ug/l	97
36) 1,1-Dichloropropene	4.748	75	190869	19.514	ug/l	97
37) Ethyl Acetate	3.986	43	233781	19.697	ug/l	100
38) Carbon Tetrachloride	4.735	117	233251	19.512	ug/l	99
39) Methylcyclohexane	6.047	83	207959	17.606	ug/l	97
40) Benzene	5.011	78	639472	20.077	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	97675	19.417	ug/l	93
42) 1,2-Dichloroethane	5.043	62	223434	20.021	ug/l	100
43) Isopropyl Acetate	5.198	43	336603	20.800	ug/l	99
44) Trichloroethene	5.834	130	156729	21.324	ug/l	95
45) 1,2-Dichloropropane	6.092	63	163275	20.624	ug/l	98
46) Dibromomethane	6.230	93	128160	21.151	ug/l	96
47) Bromodichloromethane	6.429	83	254678	20.331	ug/l	97
48) Methyl methacrylate	6.301	41	147371	20.090	ug/l	94
49) 1,4-Dioxane	6.297	88	51119	431.815	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	1207618	113.431	ug/l	98
52) Toluene	7.310	92	397923	21.547	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	237449	21.751	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	261914	21.733	ug/l	96
55) 1,1,2-Trichloroethane	7.760	97	174230	21.041	ug/l	98
56) Ethyl methacrylate	7.719	69	214565	21.820	ug/l	97
57) 1,3-Dichloropropane	7.937	76	272812	20.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	437733	85.423	ug/l	97
59) 2-Hexanone	8.066	43	888055	104.703	ug/l	99
60) Dibromochloromethane	8.169	129	204120	21.634	ug/l	98
61) 1,2-Dibromoethane	8.275	107	186580	22.033	ug/l	98
64) Tetrachloroethene	7.895	164	135504	20.552	ug/l	99
65) Chlorobenzene	8.805	112	450537	20.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	166727	21.045	ug/l	98
67) Ethyl Benzene	8.937	91	690266	20.797	ug/l	99
68) m/p-Xylenes	9.063	106	567855	44.328	ug/l	99
69) o-Xylene	9.468	106	250673	22.100	ug/l	97
70) Styrene	9.487	104	465644	20.257	ug/l	98
71) Bromoform	9.654	173	140264	22.665	ug/l #	99
73) Isopropylbenzene	9.857	105	693081	19.833	ug/l	99
74) N-amyl acetate	9.725	43	280621	20.132	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	292522	19.104	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	217992	19.871	ug/l	97
77) Bromobenzene	10.143	156	188738	20.817	ug/l	94
78) n-propylbenzene	10.278	91	833525	19.587	ug/l	98
79) 2-Chlorotoluene	10.349	91	523096	20.542	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	595711	20.509	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	86421	18.912	ug/l	98
82) 4-Chlorotoluene	10.464	91	616121	20.866	ug/l	99
83) tert-Butylbenzene	10.789	119	561019	19.369	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	590051	20.924	ug/l	99
85) sec-Butylbenzene	11.011	105	723047	18.821	ug/l	98
86) p-Isopropyltoluene	11.169	119	615102	19.237	ug/l	98
87) 1,3-Dichlorobenzene	11.108	146	370608	20.197	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	397127	19.727	ug/l	99
89) n-Butylbenzene	11.580	91	571661	18.720	ug/l	99
90) Hexachloroethane	11.821	117	130785	16.610	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	348765	20.344	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	61195	22.482	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	201560	20.510	ug/l	97
94) Hexachlorobutadiene	13.368	225	83186	16.291	ug/l	97
95) Naphthalene	13.426	128	670956	21.124	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	209715	20.865	ug/l	99

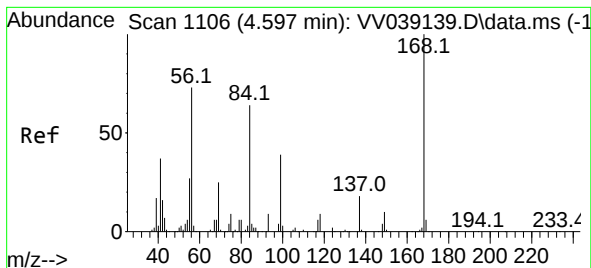
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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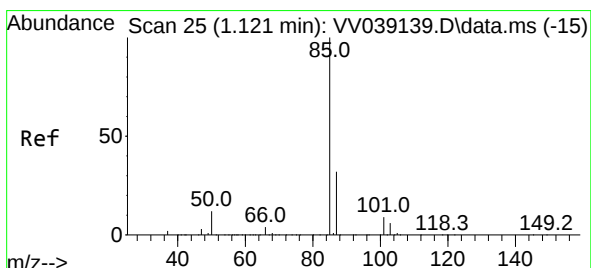
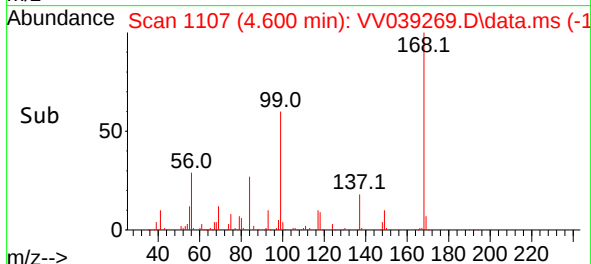
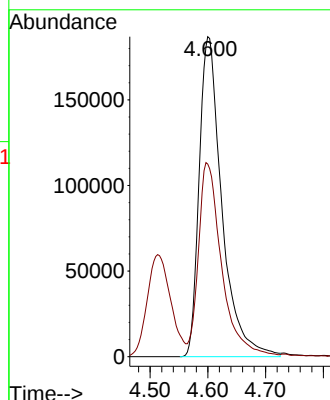
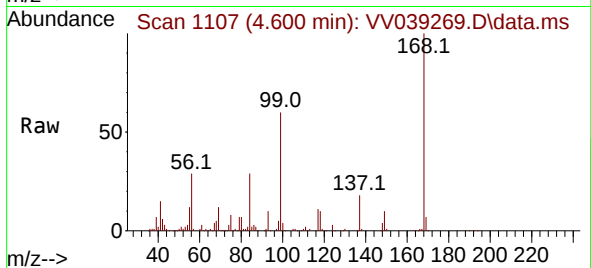
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
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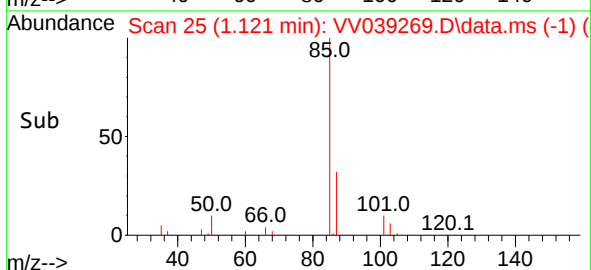
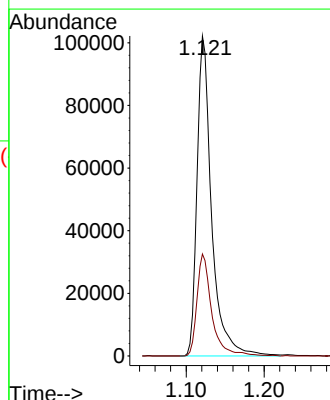
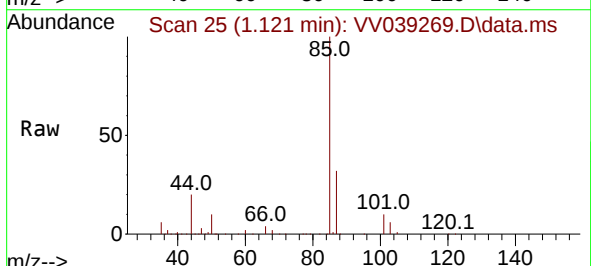
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion:168 Resp: 510158
Ion Ratio Lower Upper
168 100
99 59.5 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 16.442 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 85 Resp: 132784
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9

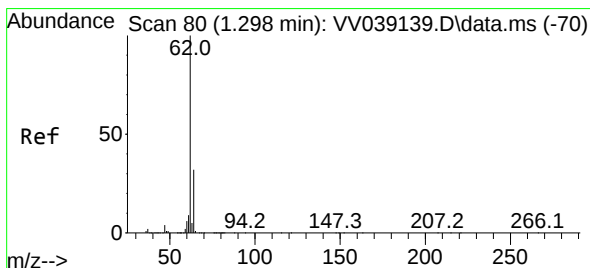
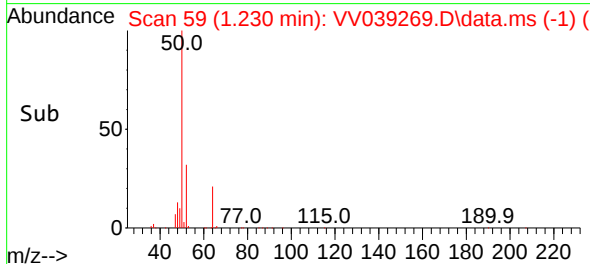
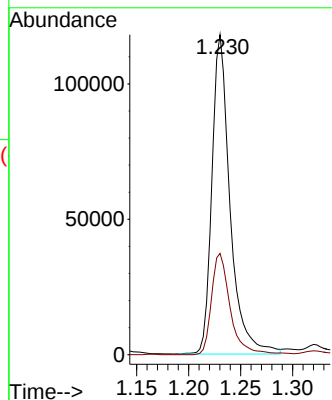
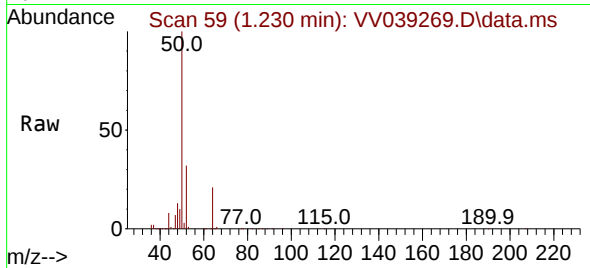




#3
Chloromethane
Concen: 16.469 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

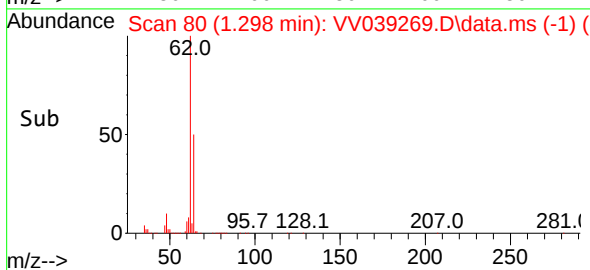
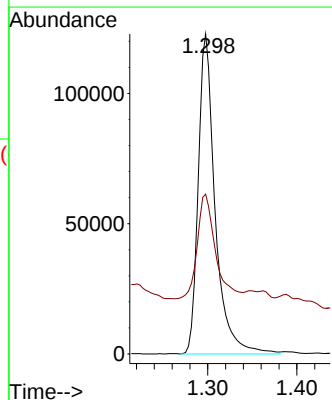
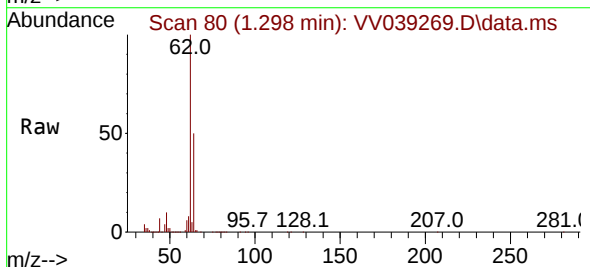
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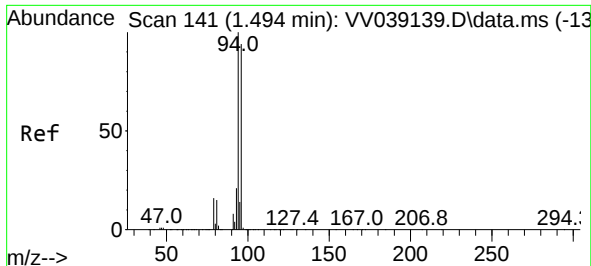
Tgt Ion: 50 Resp: 142779
Ion Ratio Lower Upper
50 100
52 31.7 26.0 39.0



#4
Vinyl Chloride
Concen: 17.455 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 62 Resp: 162006
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4

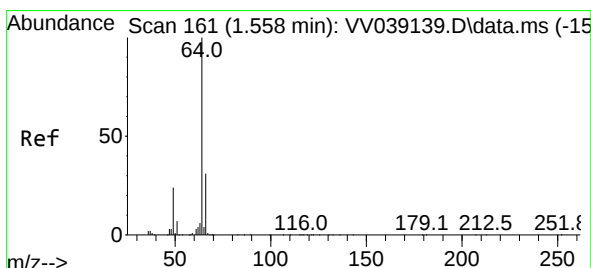
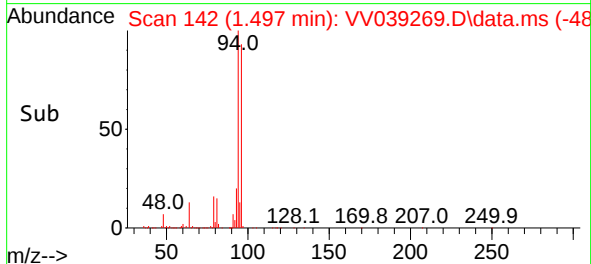
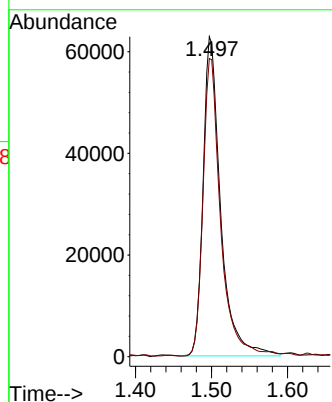
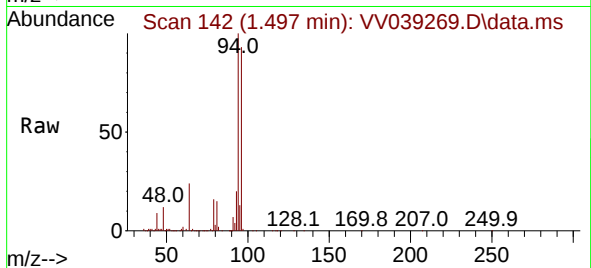




#5
Bromomethane
Concen: 17.198 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

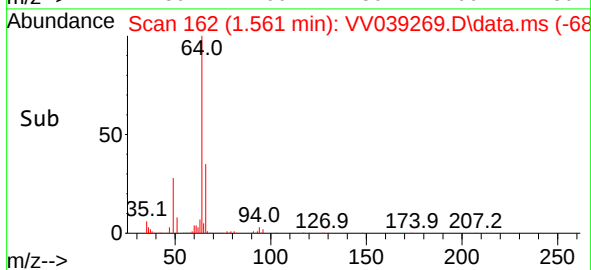
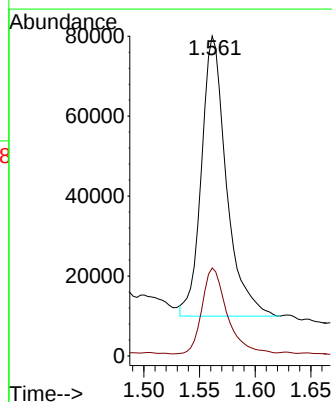
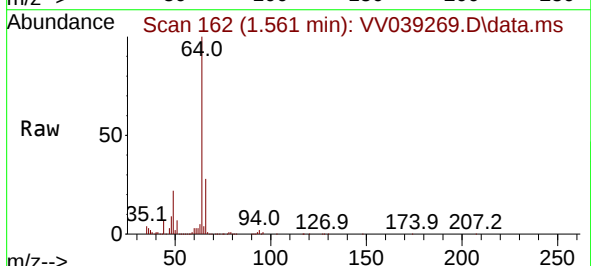
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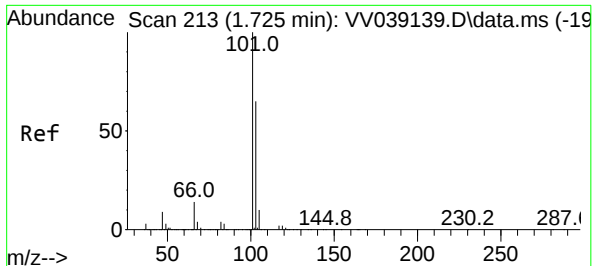
Tgt Ion: 94 Resp: 100624
Ion Ratio Lower Upper
94 100
96 93.2 74.9 112.3



#6
Chloroethane
Concen: 18.697 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 64 Resp: 109213
Ion Ratio Lower Upper
64 100
66 30.5 24.6 36.8

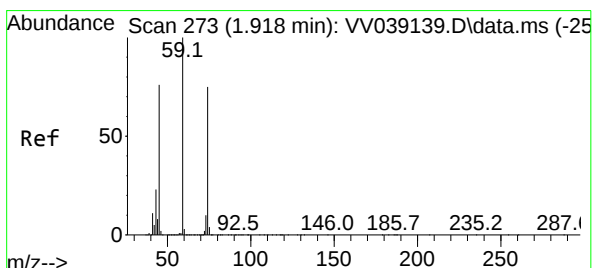
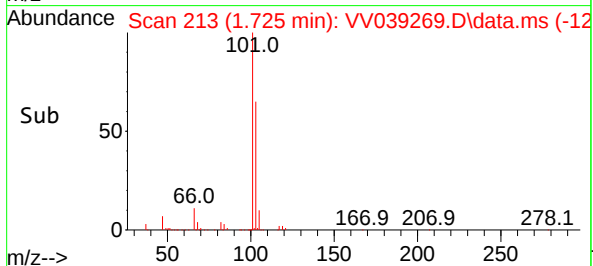
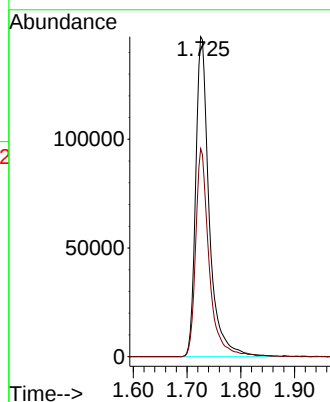
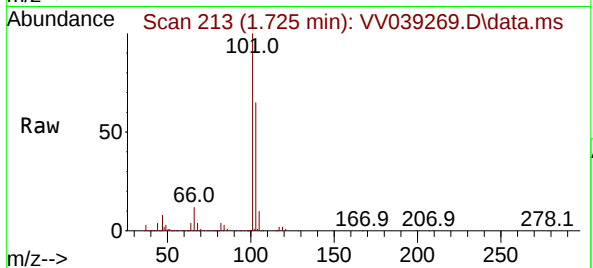




#7
Trichlorofluoromethane
Concen: 19.150 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039269.D
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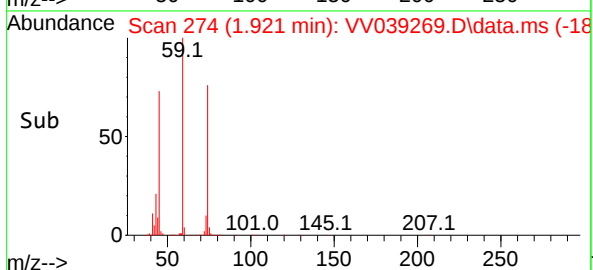
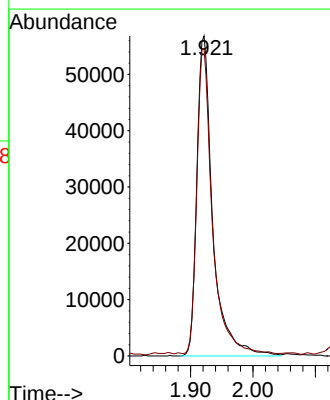
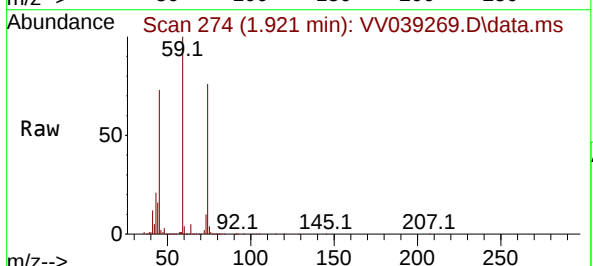
Instrument :
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Tgt Ion:101 Resp: 257329
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0



#8
Diethyl Ether
Concen: 20.190 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 74 Resp: 100719
Ion Ratio Lower Upper
74 100
45 92.4 49.6 148.8

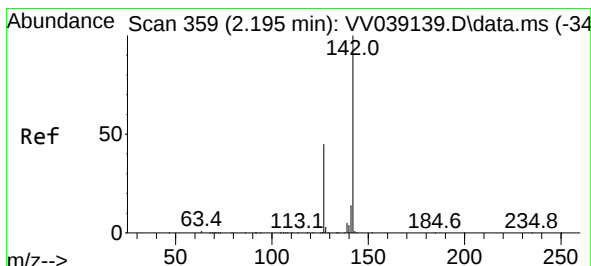
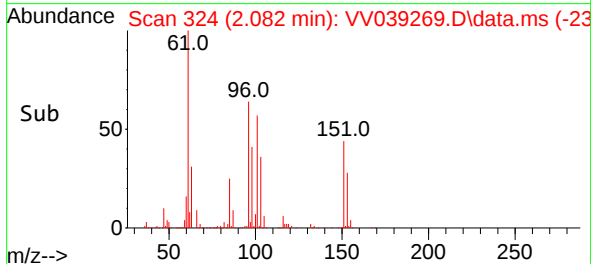
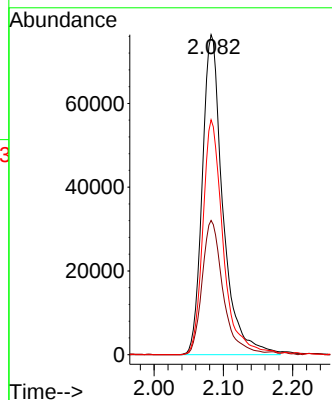
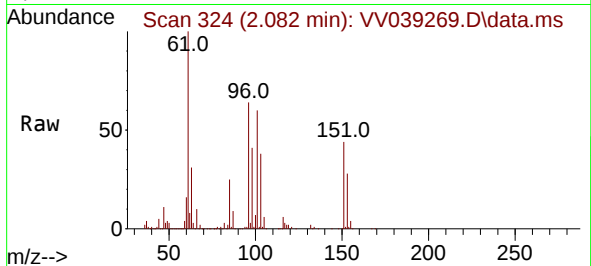




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.771 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
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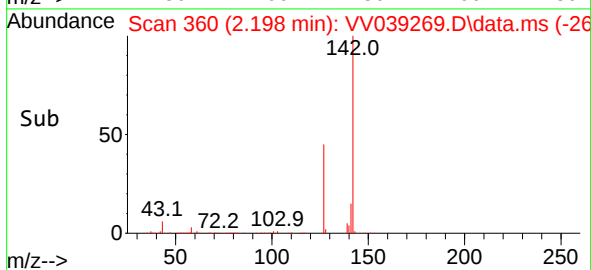
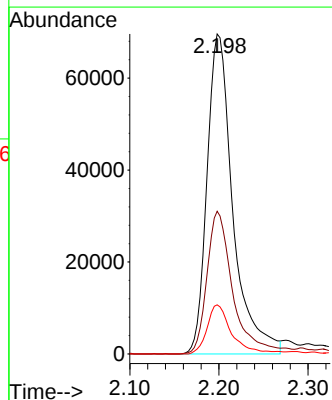
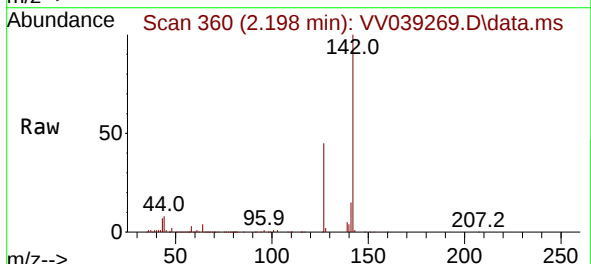
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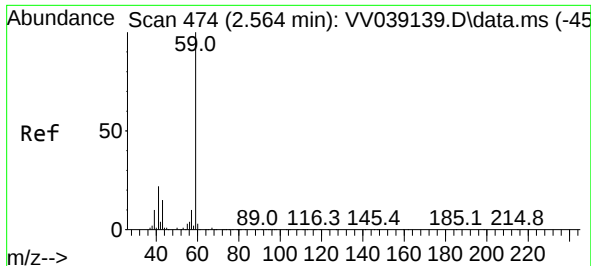
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Ion Ratio Lower Upper
101 100
85 42.6 36.2 54.2
151 72.4 56.3 84.5



#10
Methyl Iodide
Concen: 18.459 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion:142 Resp: 140548
Ion Ratio Lower Upper
142 100
127 45.0 36.3 54.5
141 14.7 11.2 16.8

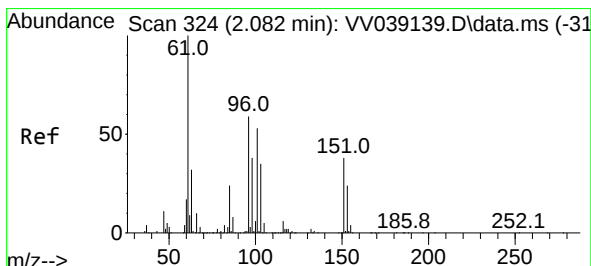
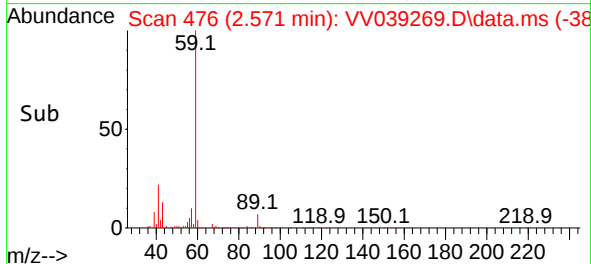
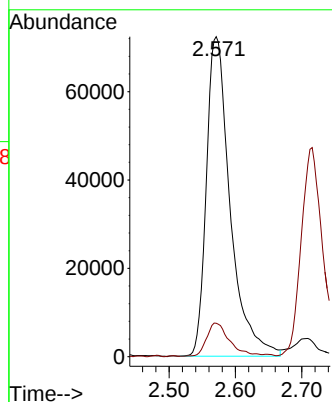
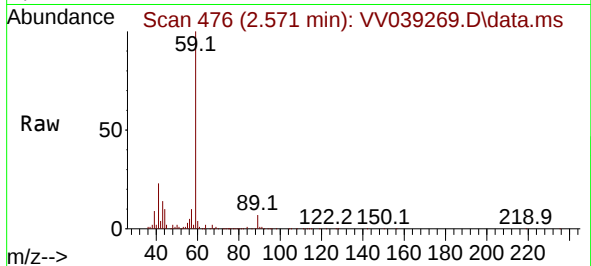




#11
Tert butyl alcohol
Concen: 115.381 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

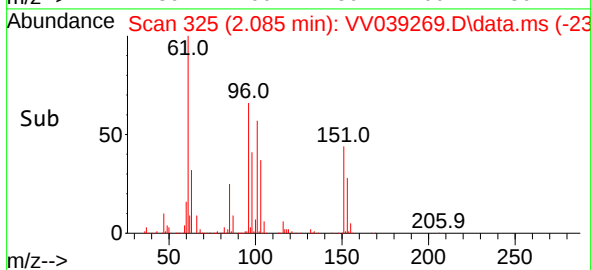
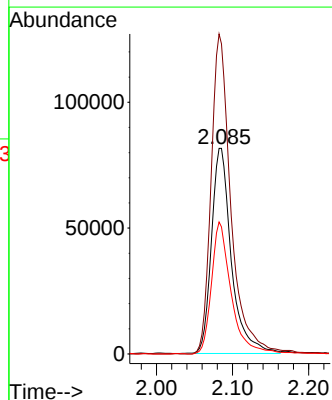
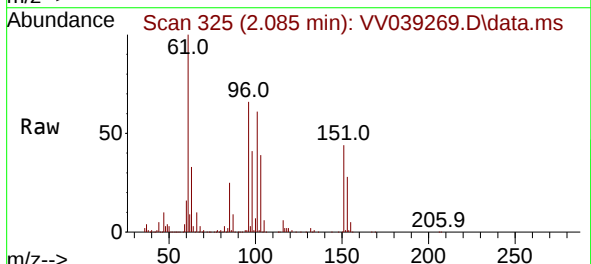
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

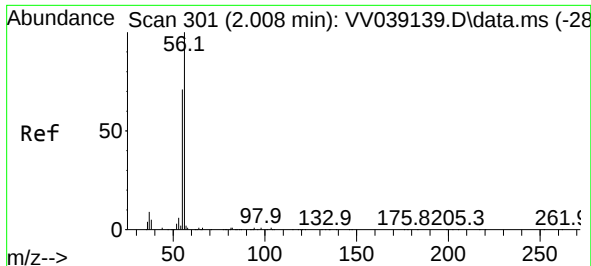
Tgt Ion: 59 Resp: 180055
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.279 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 96 Resp: 148292
Ion Ratio Lower Upper
96 100
61 151.2 136.0 204.0
98 61.8 51.0 76.6

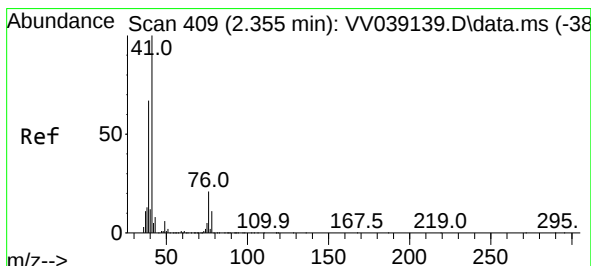
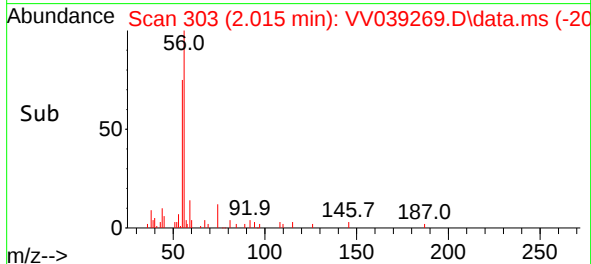
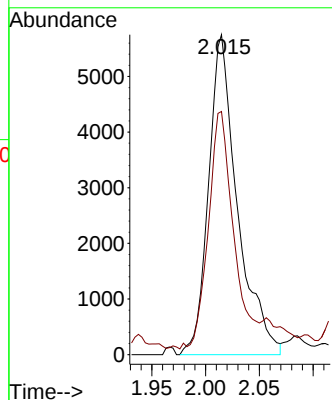
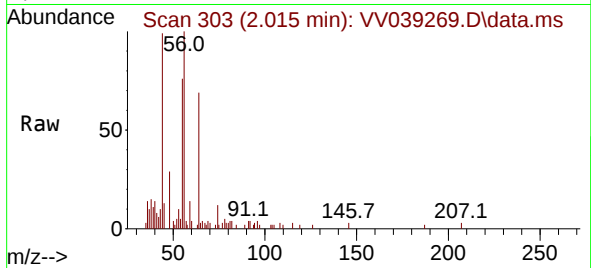




#13
Acrolein
Concen: 39.544 ug/l
RT: 2.015 min Scan# 301
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

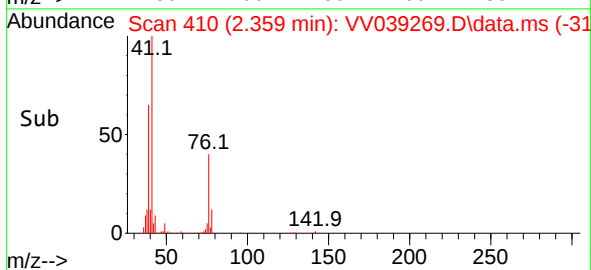
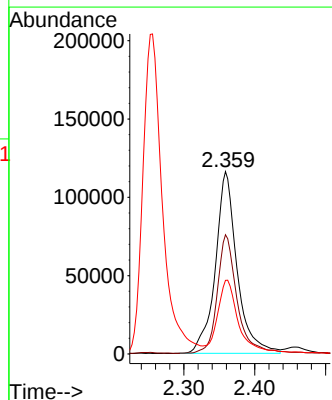
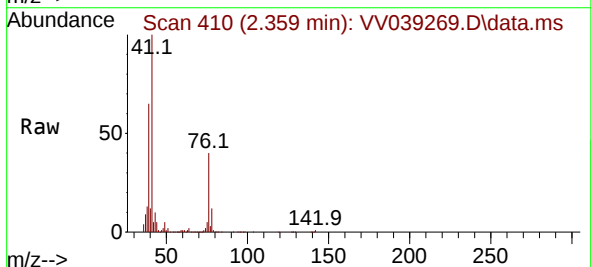
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 56 Resp: 10708
Ion Ratio Lower Upper
56 100
55 65.2 56.2 84.4



#14
Allyl chloride
Concen: 18.000 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 41 Resp: 247320
Ion Ratio Lower Upper
41 100
39 59.2 51.0 76.6
76 37.1 28.2 42.4

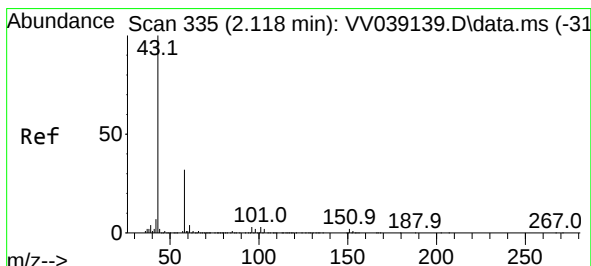
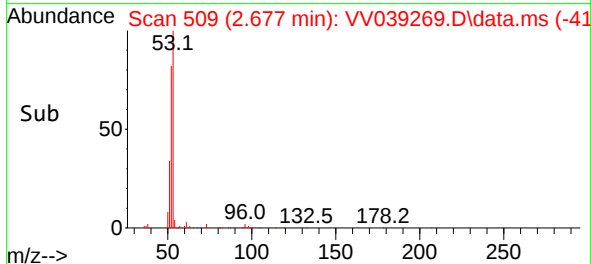
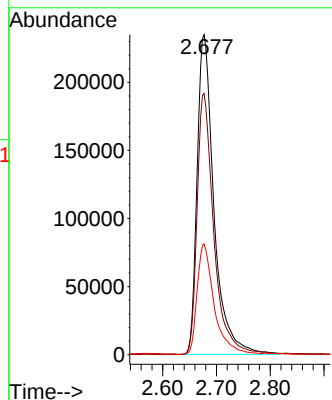
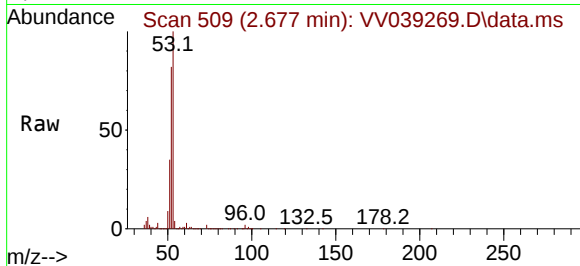




#15
Acrylonitrile
Concen: 102.148 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

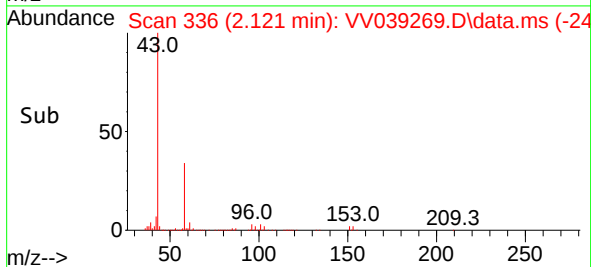
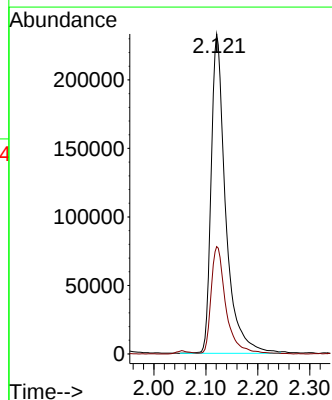
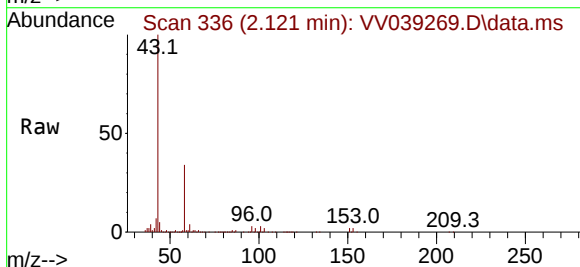
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

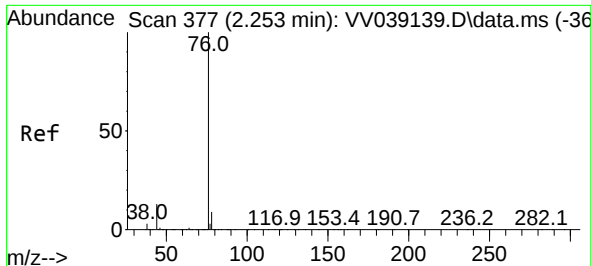
Tgt Ion: 53 Resp: 510999
Ion Ratio Lower Upper
53 100
52 81.6 66.1 99.1
51 35.0 28.5 42.7



#16
Acetone
Concen: 92.451 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 43 Resp: 452020
Ion Ratio Lower Upper
43 100
58 33.4 25.8 38.6

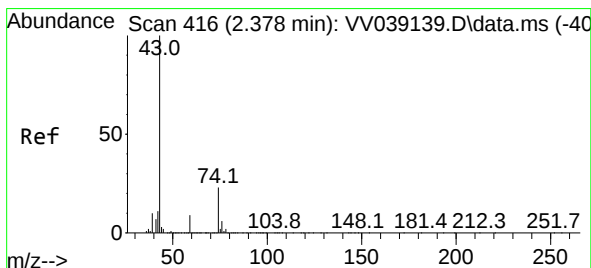
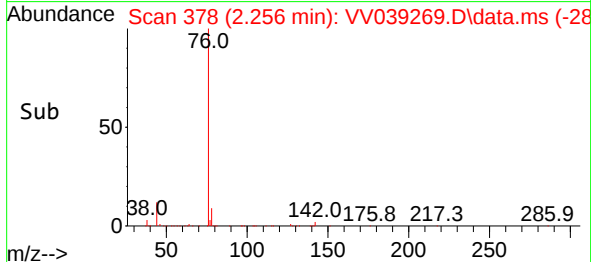
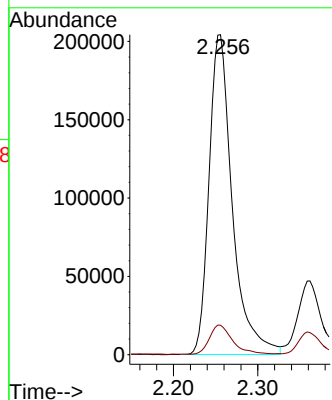
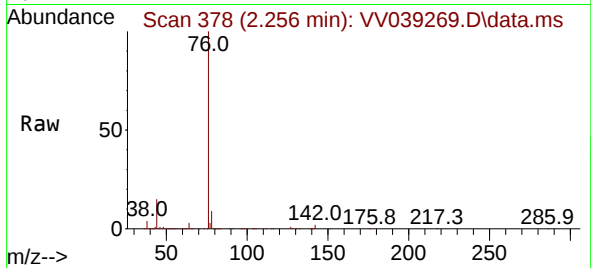




#17
Carbon Disulfide
Concen: 16.678 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

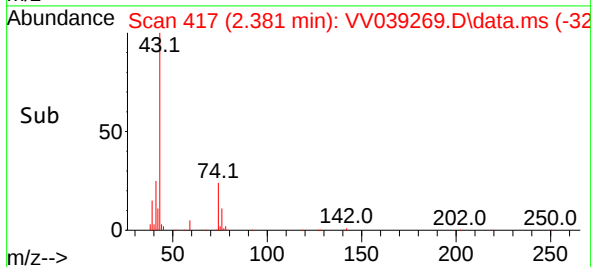
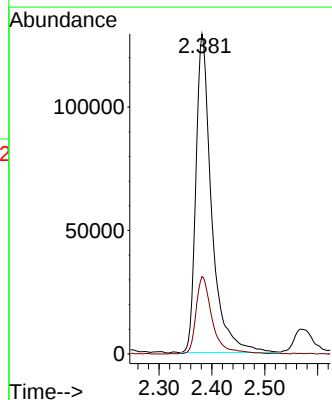
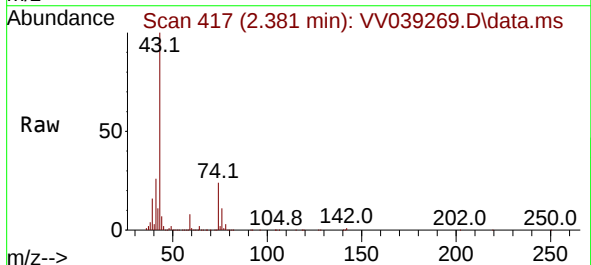
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 76 Resp: 392330
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 24.319 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 43 Resp: 266041
Ion Ratio Lower Upper
43 100
74 24.8 18.6 27.8

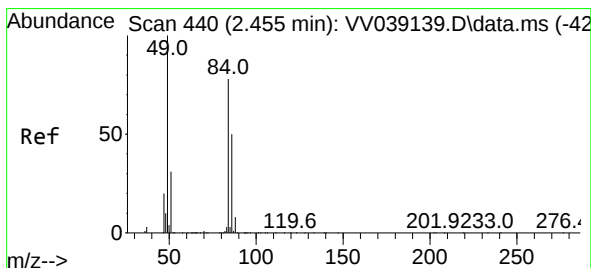
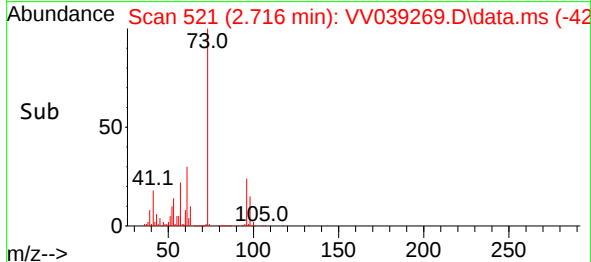
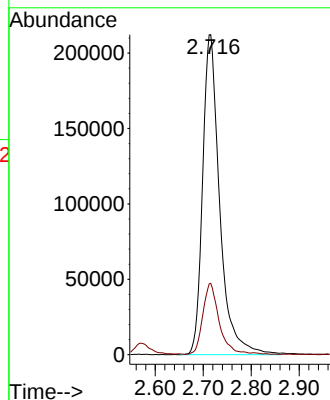
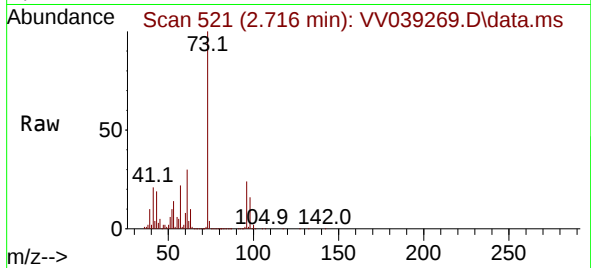




#19
Methyl tert-butyl Ether
Concen: 21.408 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

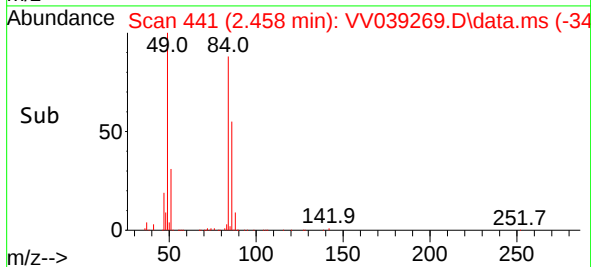
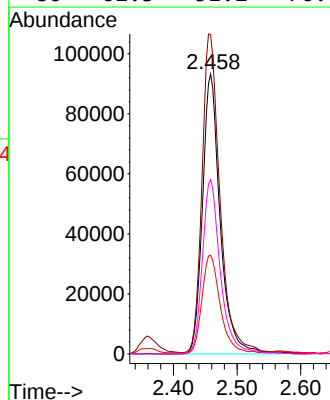
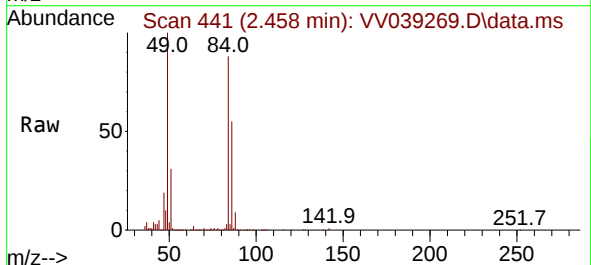
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 73 Resp: 524720
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4



#20
Methylene Chloride
Concen: 21.077 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 84 Resp: 180177
Ion Ratio Lower Upper
84 100
49 113.6 102.8 154.2
51 34.9 31.9 47.9
86 62.3 51.2 76.8

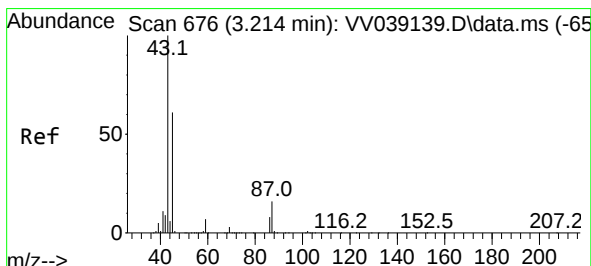
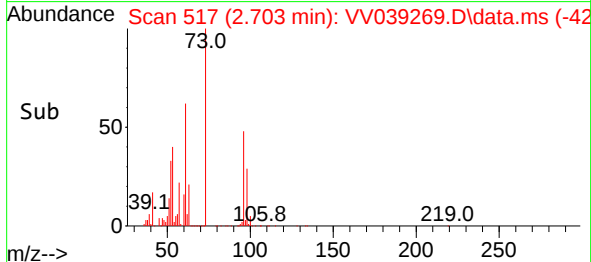
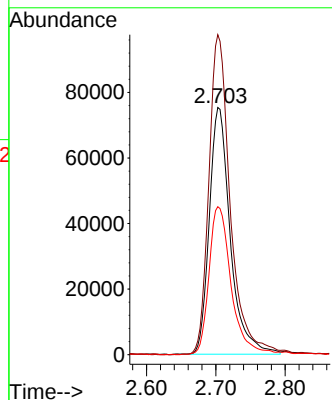
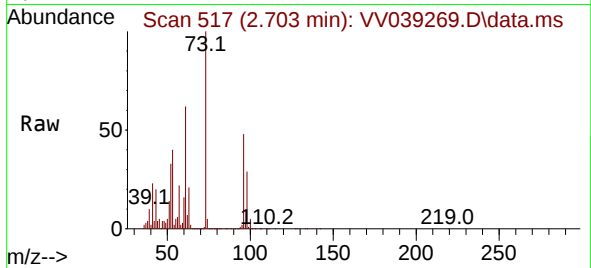




#21
trans-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

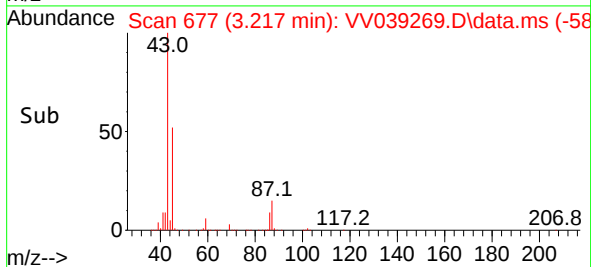
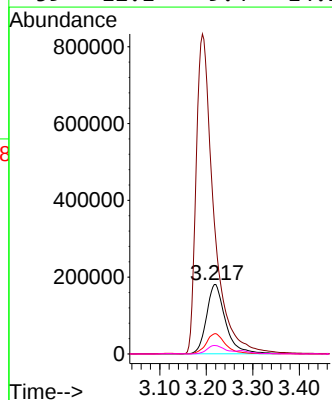
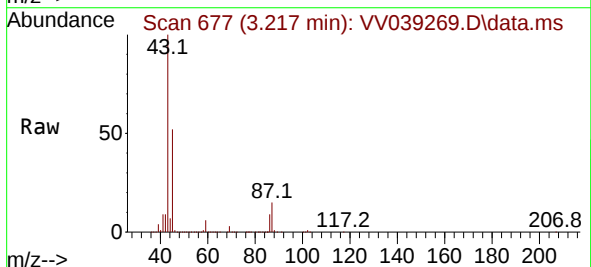
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 96 Resp: 158494
Ion Ratio Lower Upper
96 100
61 129.6 112.8 169.2
98 60.0 51.1 76.7



#22
Diisopropyl ether
Concen: 19.531 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 45 Resp: 513432
Ion Ratio Lower Upper
45 100
43 190.8 130.9 196.3
87 28.6 21.1 31.7
59 12.1 9.4 14.2

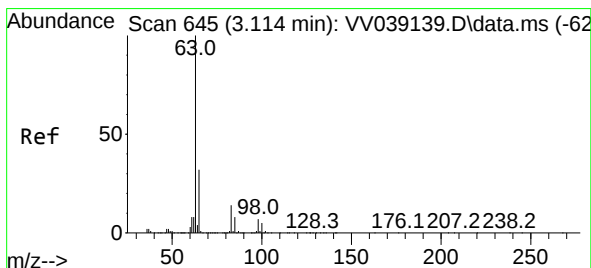
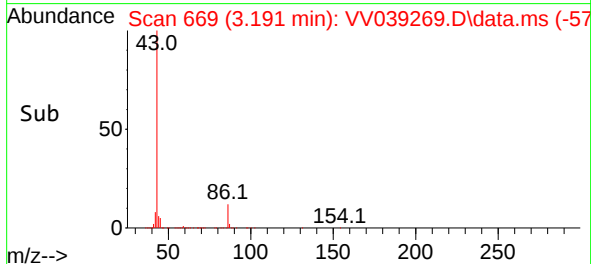
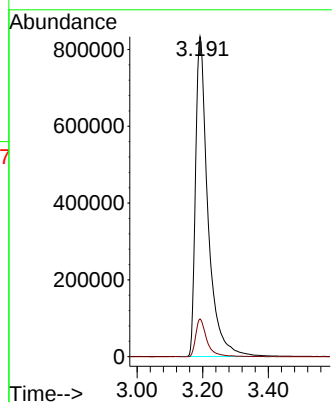
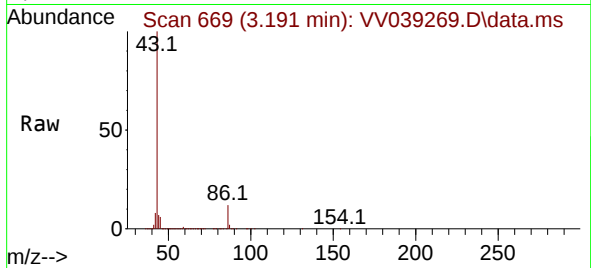




#23
 Vinyl Acetate
 Concen: 95.532 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

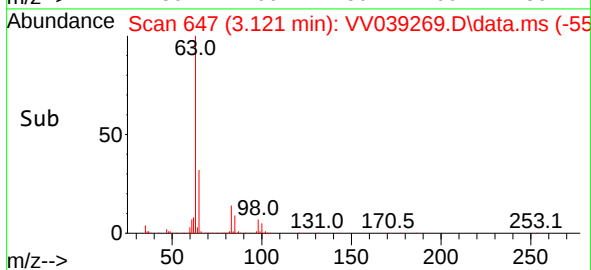
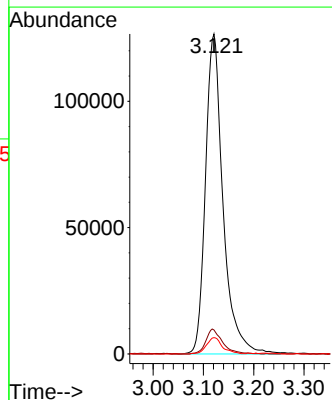
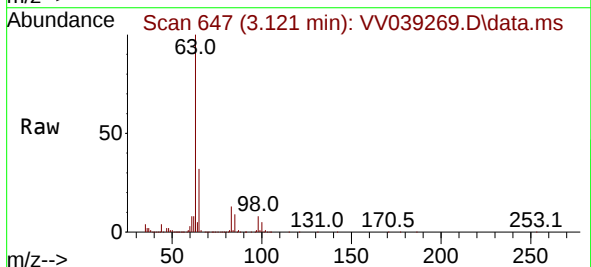
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBSD01

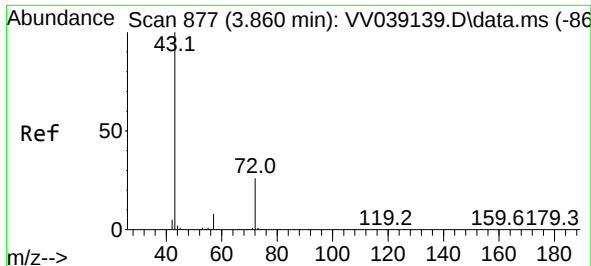
Tgt Ion: 43 Resp: 2196890
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.091 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.006 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

Tgt Ion: 63 Resp: 306903
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 5.1 2.2 6.6

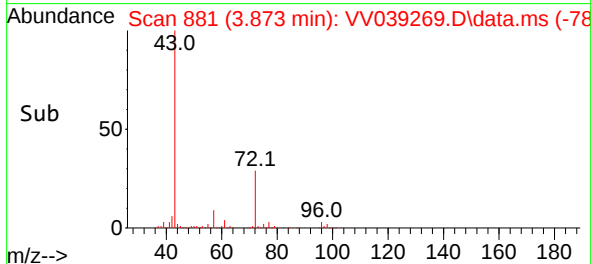
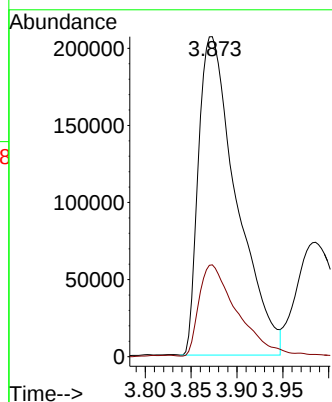
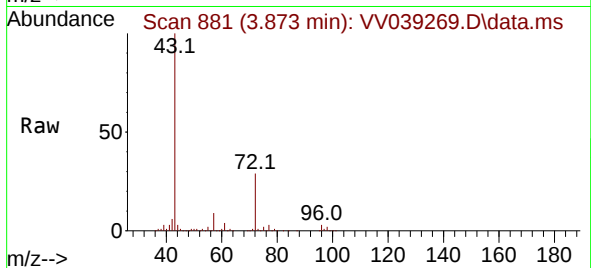




#25
2-Butanone
Concen: 100.988 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.013 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

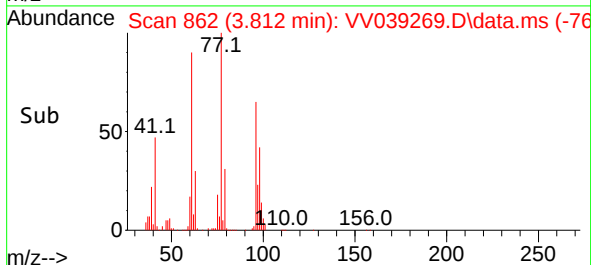
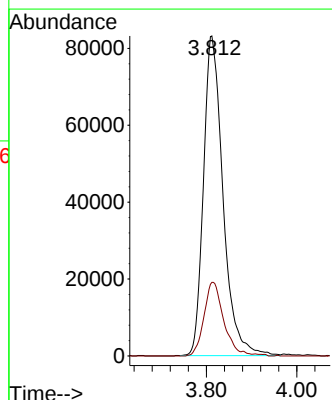
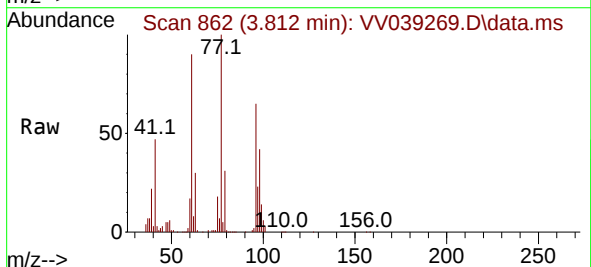
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

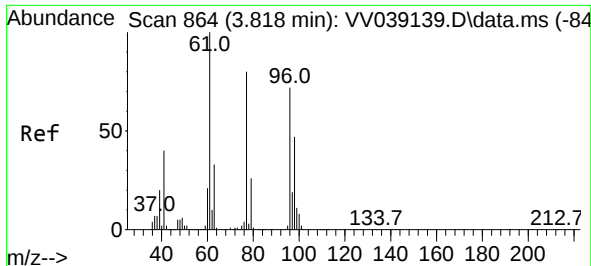
Tgt Ion: 43 Resp: 597088
Ion Ratio Lower Upper
43 100
72 28.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.497 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 77 Resp: 249402
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7

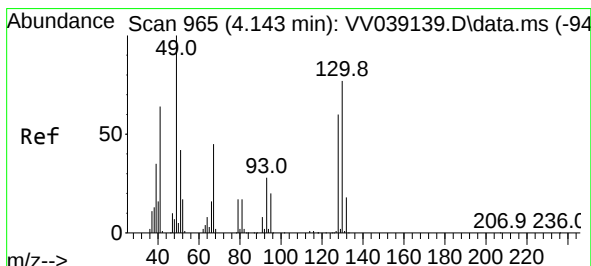
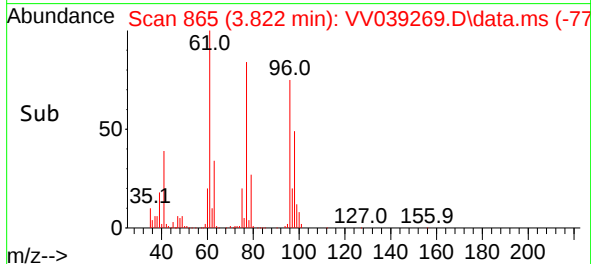
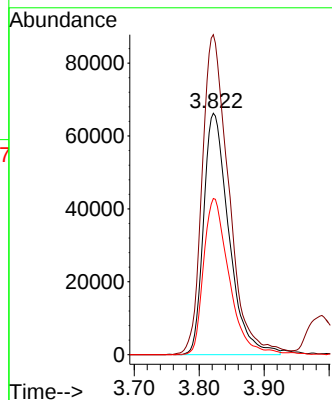
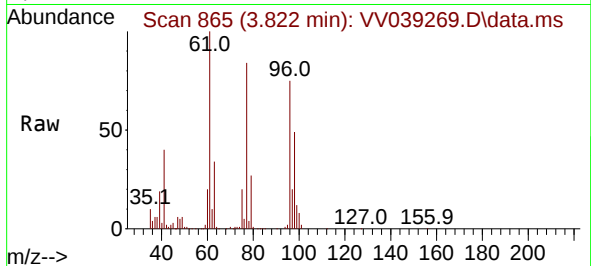




#27
 cis-1,2-Dichloroethene
 Concen: 19.877 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

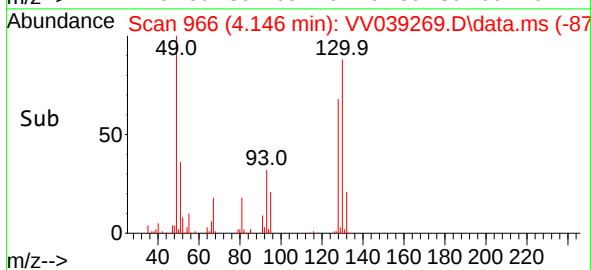
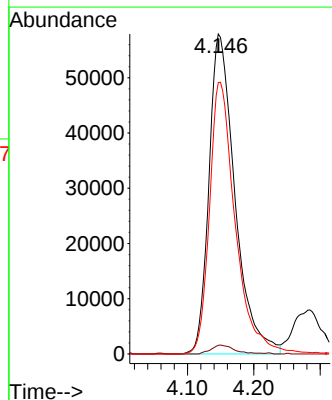
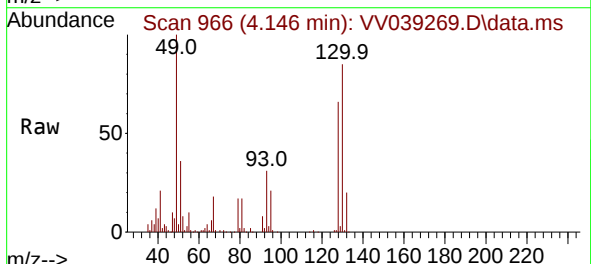
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 ClientSampleId :
 VV1006WBSD01

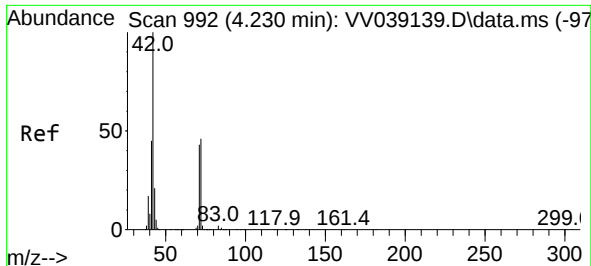
Tgt Ion: 96 Resp: 179512
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 286.4
 98 64.2 0.0 126.6



#28
 Bromochloromethane
 Concen: 22.210 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

Tgt Ion: 49 Resp: 157627
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 84.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 103.908 ug/l

RT: 4.240 min Scan# 99

Delta R.T. 0.010 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

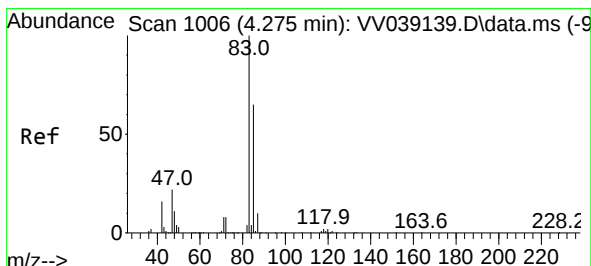
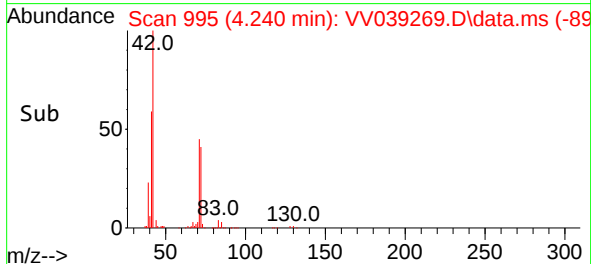
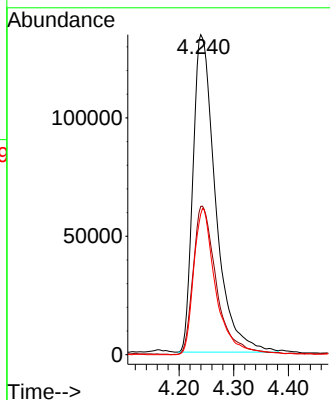
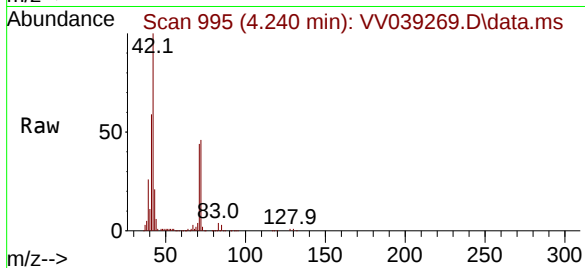
Tgt Ion: 42 Resp: 384538

Ion Ratio Lower Upper

42 100

72 48.5 36.3 54.5

71 45.3 34.3 51.5



#30

Chloroform

Concen: 19.185 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV039269.D

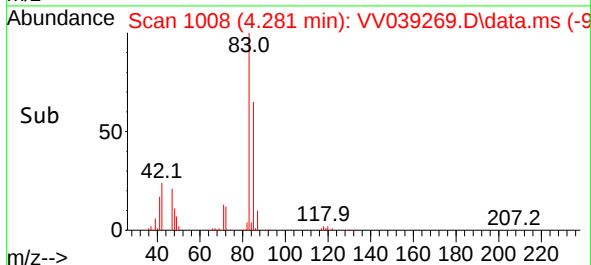
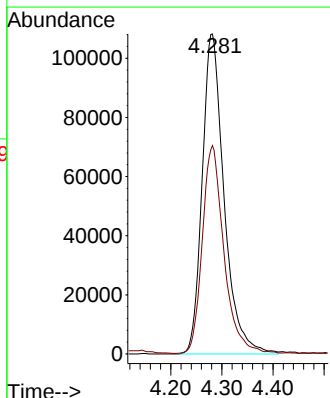
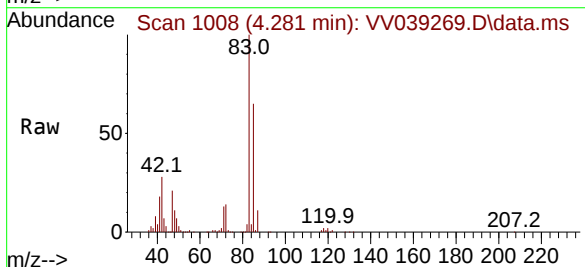
Acq: 06 Oct 2025 13:24

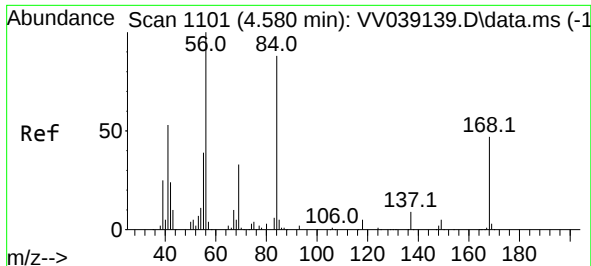
Tgt Ion: 83 Resp: 322047

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1

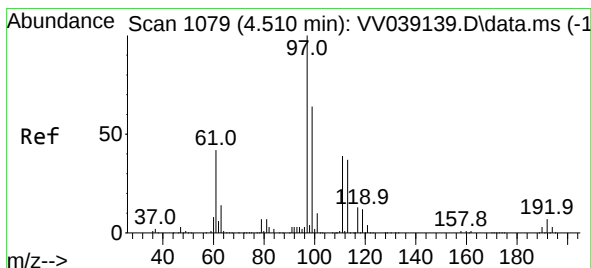
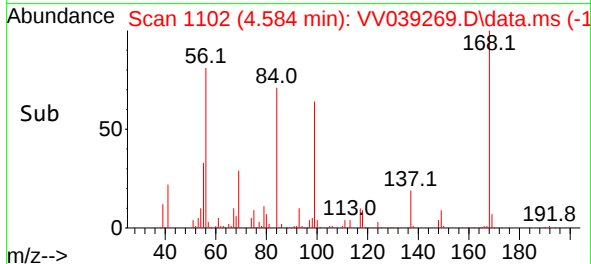
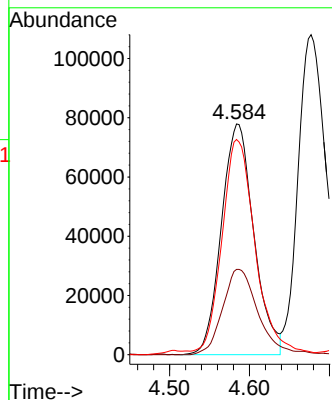
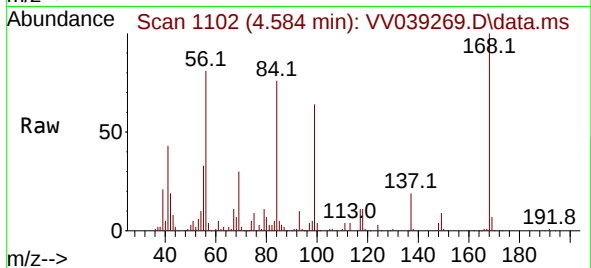




#31
Cyclohexane
Concen: 16.701 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

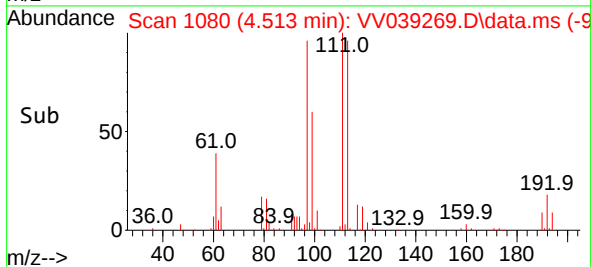
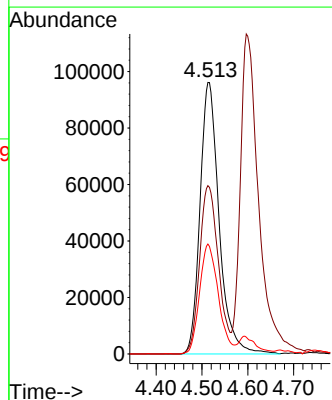
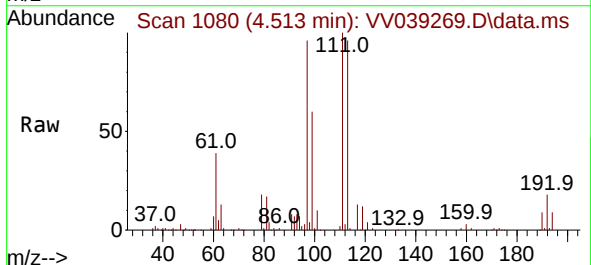
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 56 Resp: 219941
Ion Ratio Lower Upper
56 100
69 37.0 26.2 39.2
84 91.8 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 19.152 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 97 Resp: 278340
Ion Ratio Lower Upper
97 100
99 61.1 49.6 74.4
61 39.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.652 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

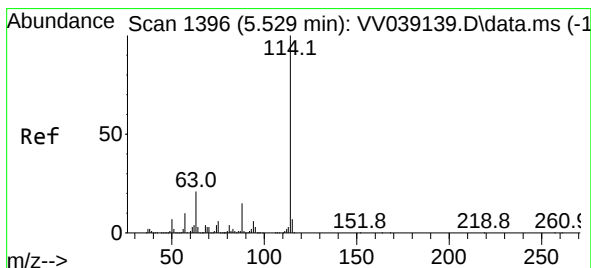
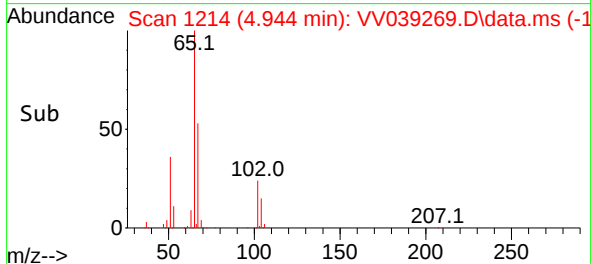
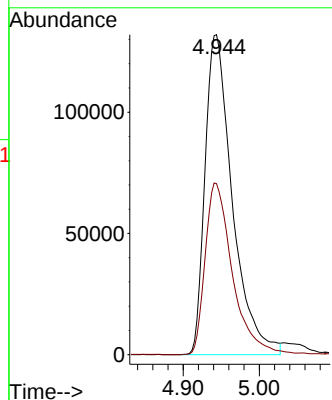
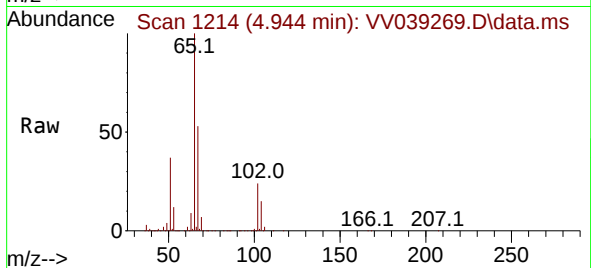
VV1006WBSD01

Tgt Ion: 65 Resp: 329690

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

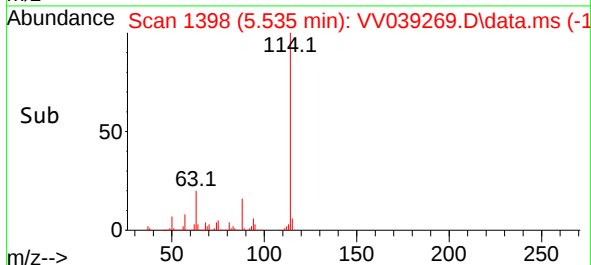
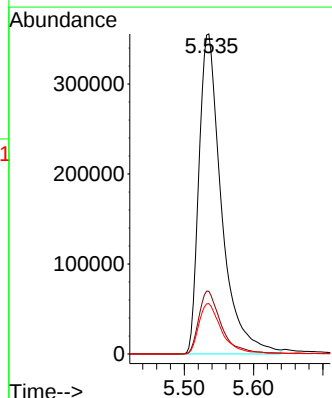
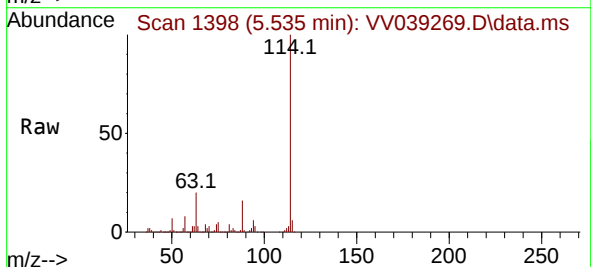
Tgt Ion: 114 Resp: 804738

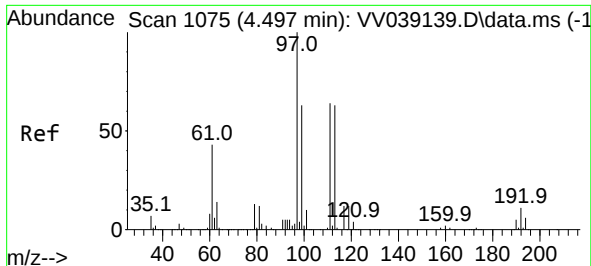
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.8 0.0 30.8

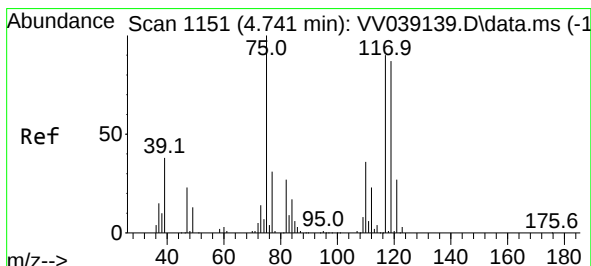
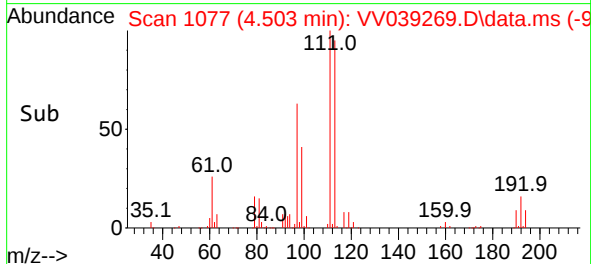
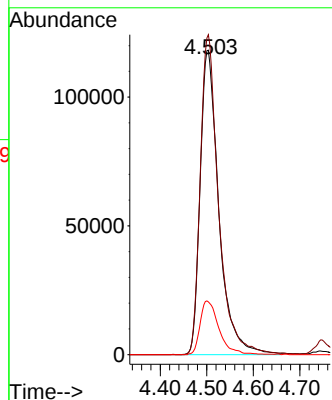
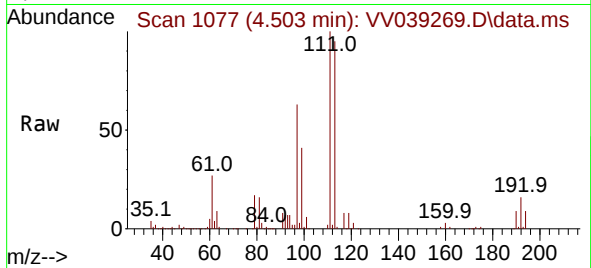




#35
Dibromofluoromethane
Concen: 51.000 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

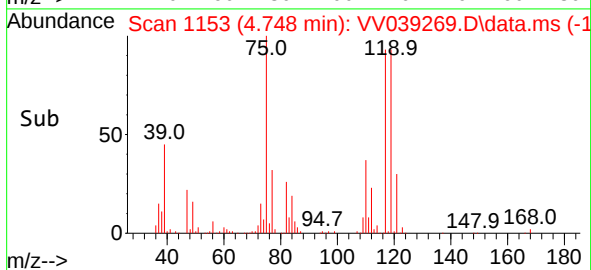
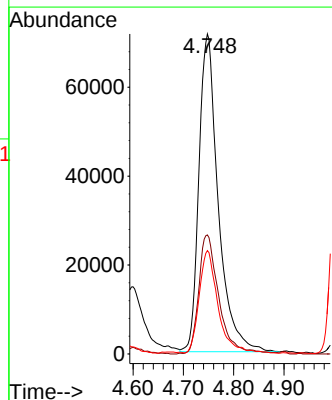
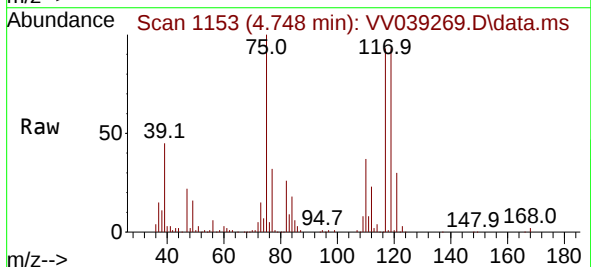
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

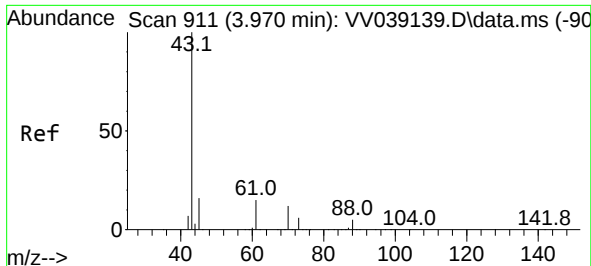
Tgt Ion:113 Resp: 329944
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.6 13.8 20.8



#36
1,1-Dichloropropene
Concen: 19.514 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.007 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 75 Resp: 190869
Ion Ratio Lower Upper
75 100
110 38.9 18.1 54.1
77 31.7 24.8 37.2

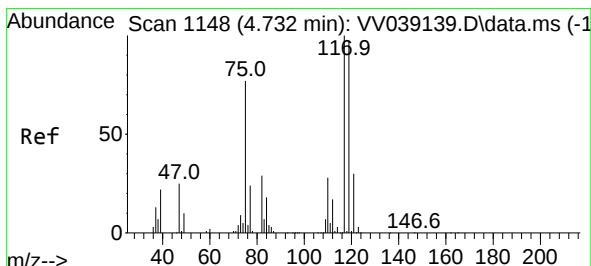
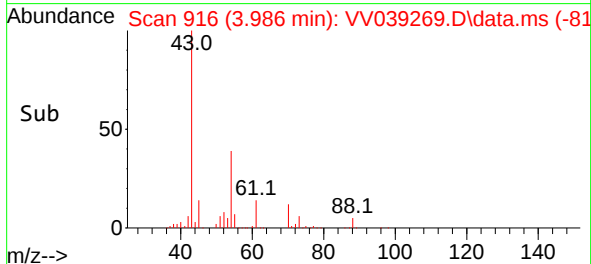
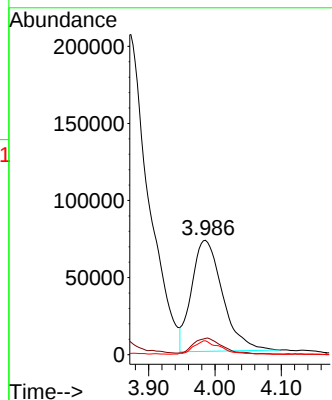
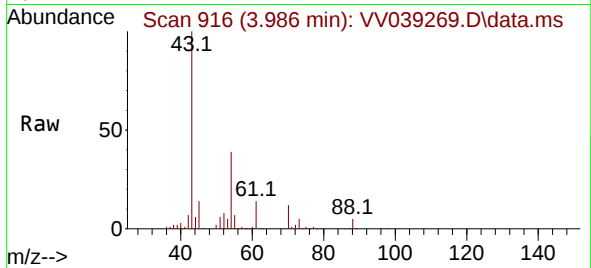




#37
Ethyl Acetate
Concen: 19.697 ug/l
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

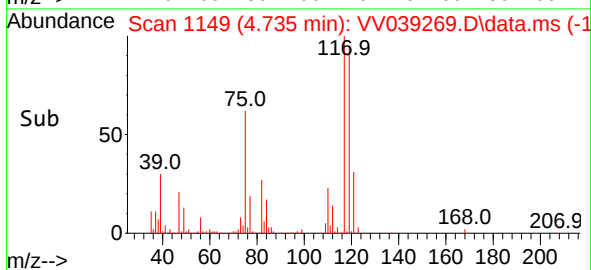
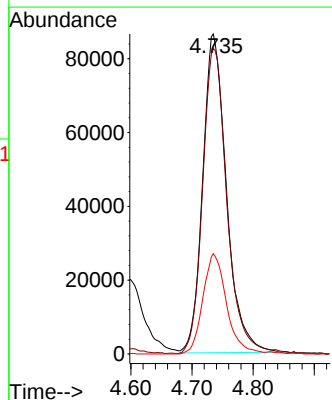
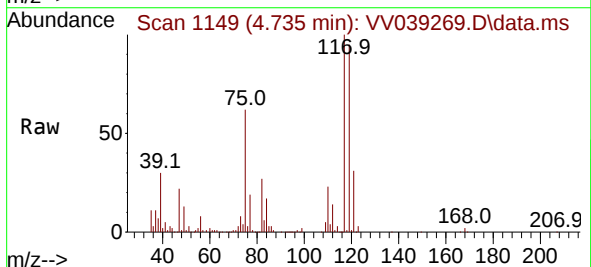
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

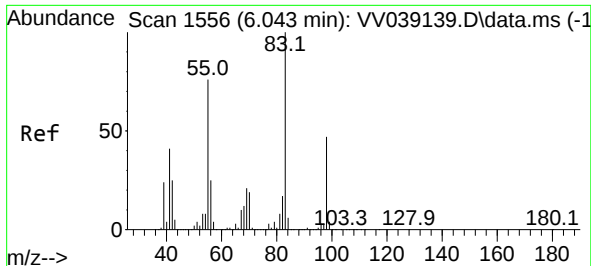
Tgt Ion: 43 Resp: 233781
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 9.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.512 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 117 Resp: 233251
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 17.606 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.004 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

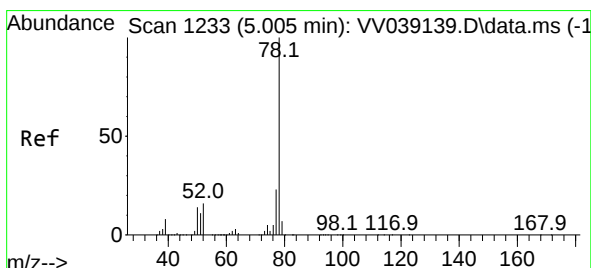
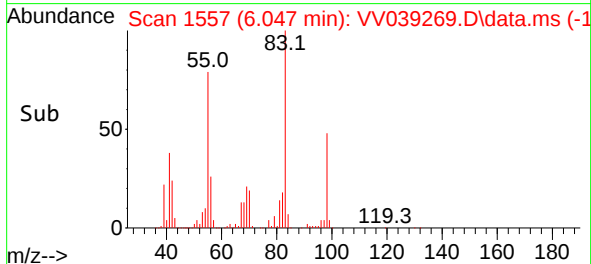
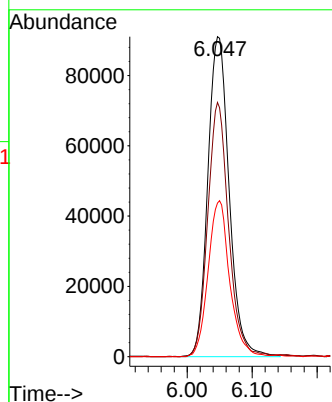
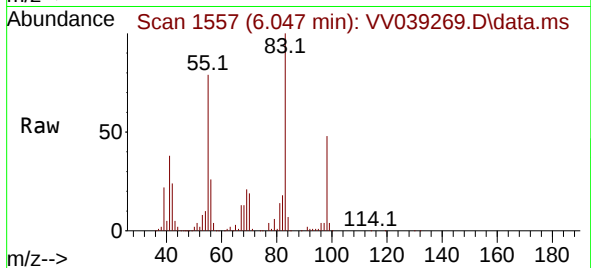
Tgt Ion: 83 Resp: 207959

Ion Ratio Lower Upper

83 100

55 79.5 60.5 90.7

98 48.0 37.8 56.6



#40

Benzene

Concen: 20.077 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VV039269.D

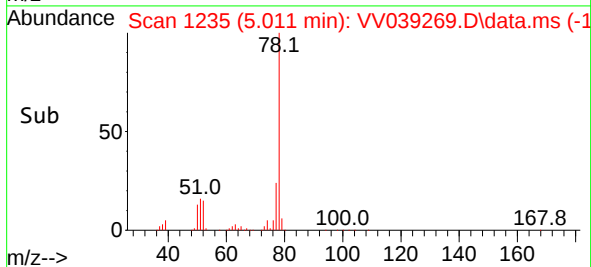
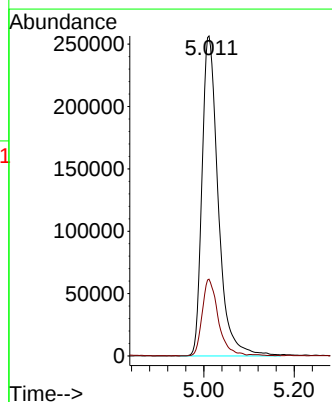
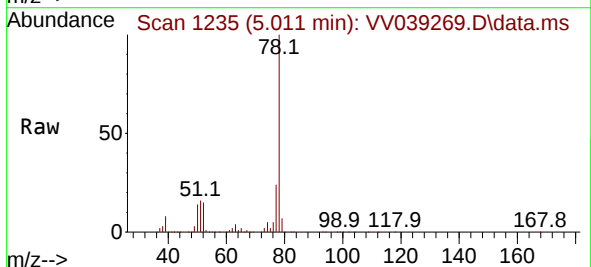
Acq: 06 Oct 2025 13:24

Tgt Ion: 78 Resp: 639472

Ion Ratio Lower Upper

78 100

77 23.9 18.7 28.1



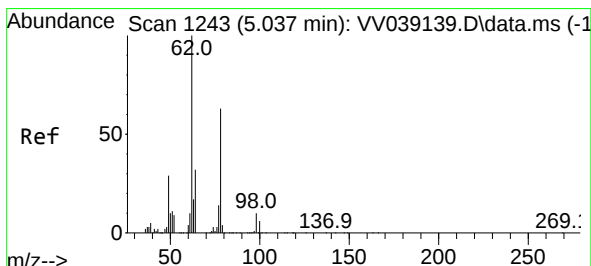
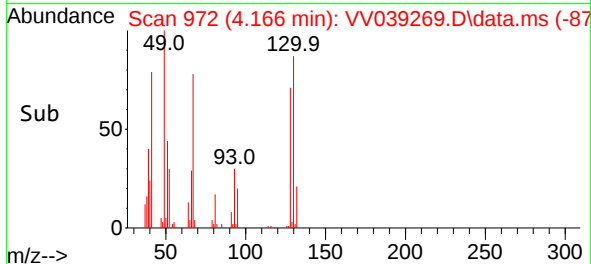
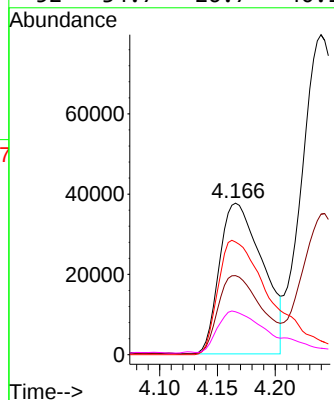
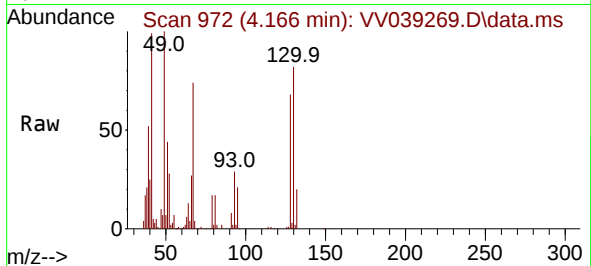


#41
Methacrylonitrile
Concen: 19.417 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 41 Resp: 97675

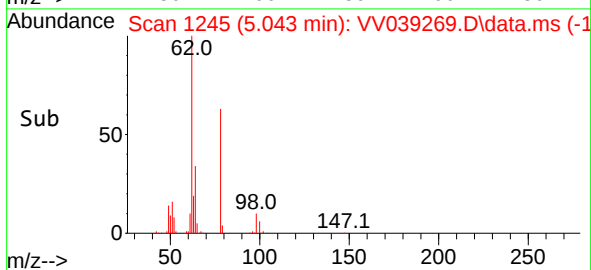
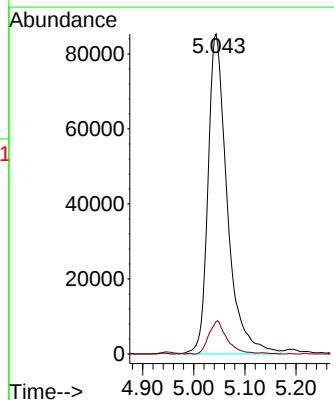
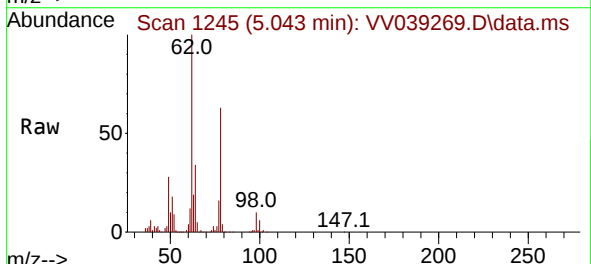
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.2
67	97.3	67.9	101.9
52	34.7	26.7	40.1

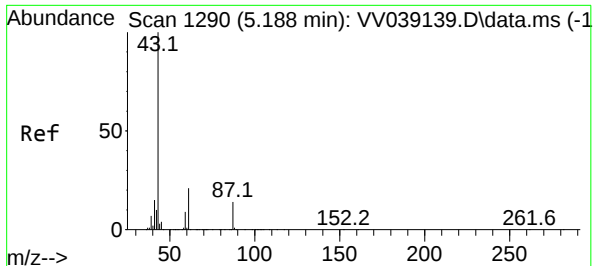


#42
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 62 Resp: 223434

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

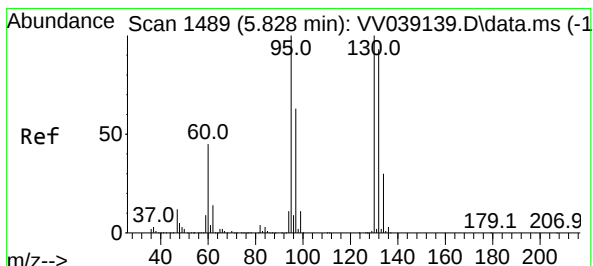
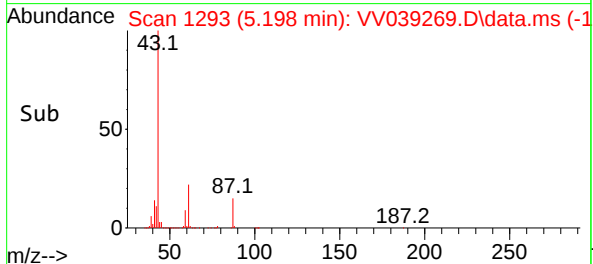
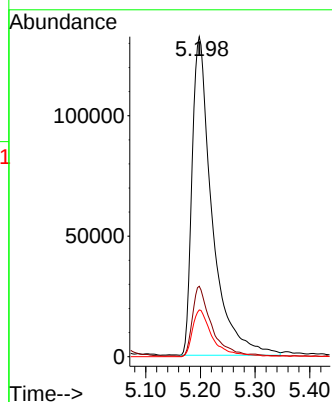
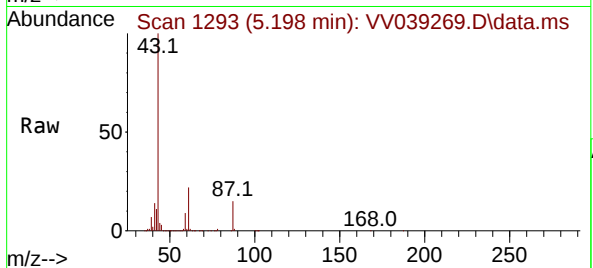




#43
Isopropyl Acetate
Concen: 20.800 ug/l
RT: 5.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

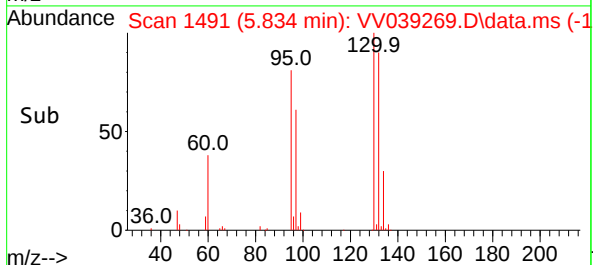
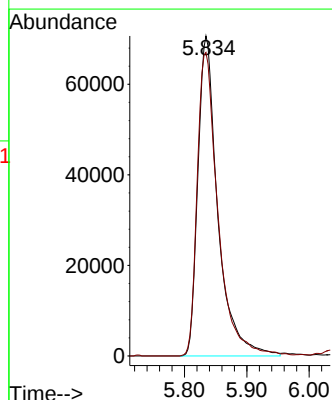
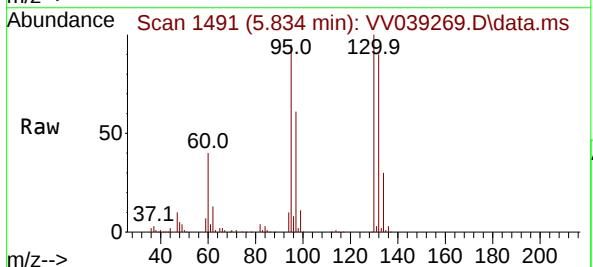
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

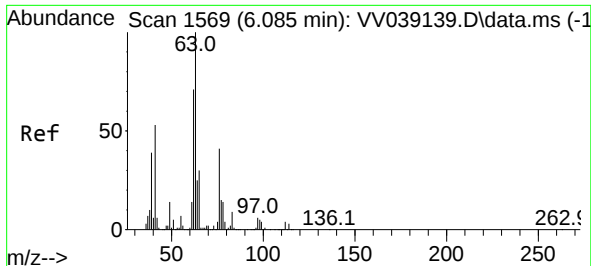
Tgt Ion: 43 Resp: 336603
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 14.6 11.0 16.6



#44
Trichloroethene
Concen: 21.324 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion:130 Resp: 156729
Ion Ratio Lower Upper
130 100
95 94.9 0.0 199.2





#45

1,2-Dichloropropane

Concen: 20.624 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

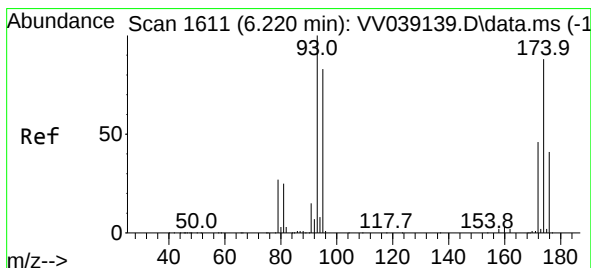
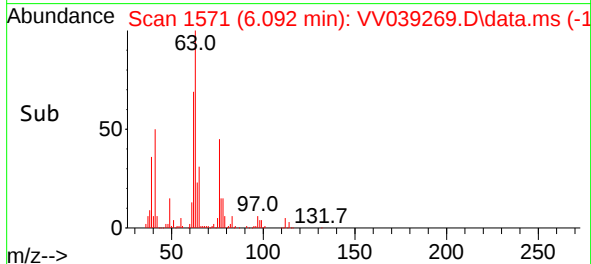
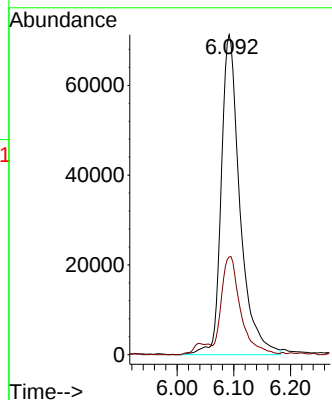
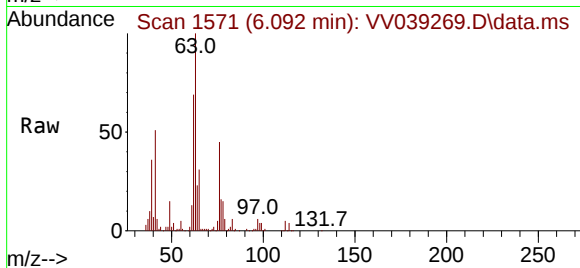
VV1006WBSD01

Tgt Ion: 63 Resp: 163275

Ion Ratio Lower Upper

63 100

65 30.5 23.7 35.5



#46

Dibromomethane

Concen: 21.151 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.010 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

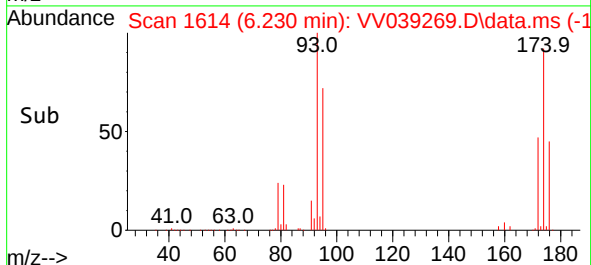
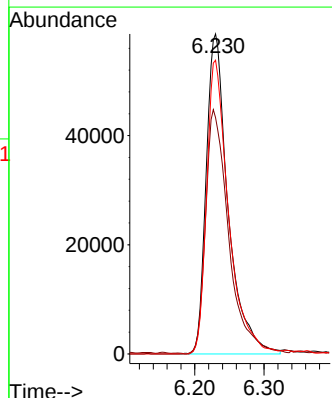
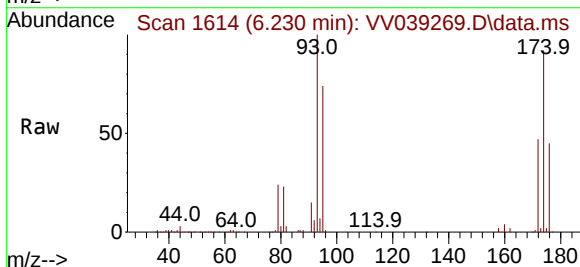
Tgt Ion: 93 Resp: 128160

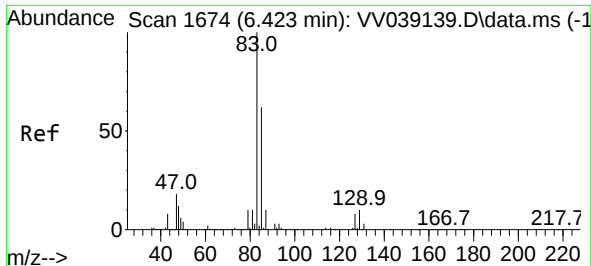
Ion Ratio Lower Upper

93 100

95 80.7 65.5 98.3

174 92.4 69.0 103.4

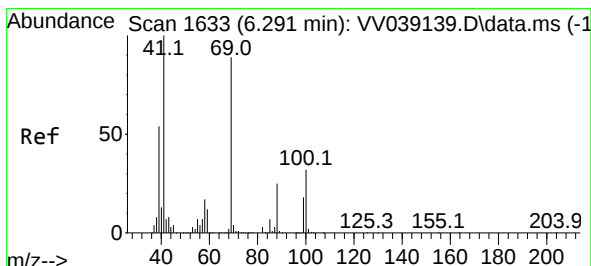
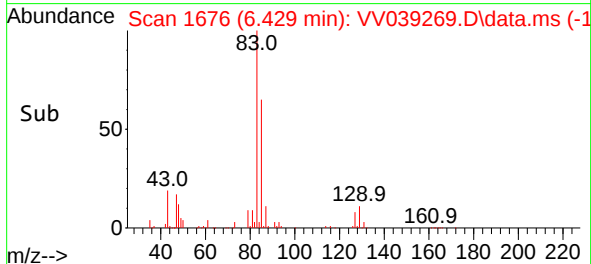
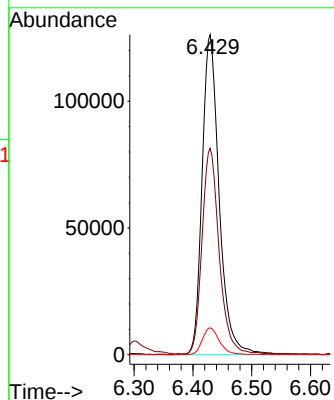
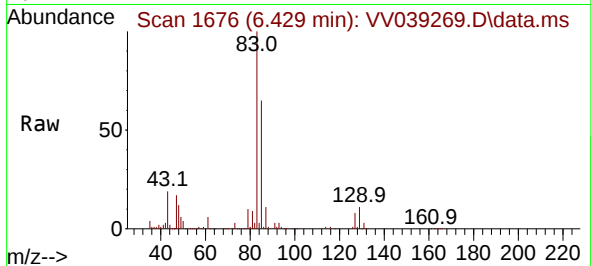




#47
Bromodichloromethane
Concen: 20.331 ug/l
RT: 6.429 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

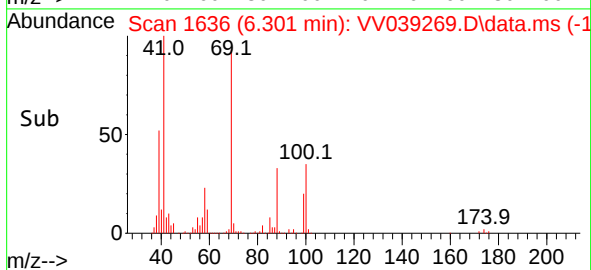
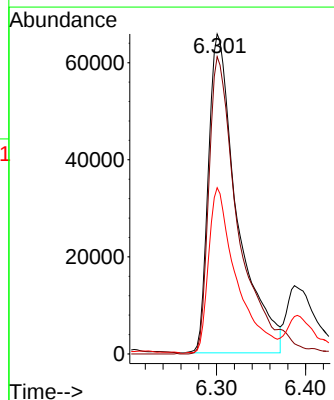
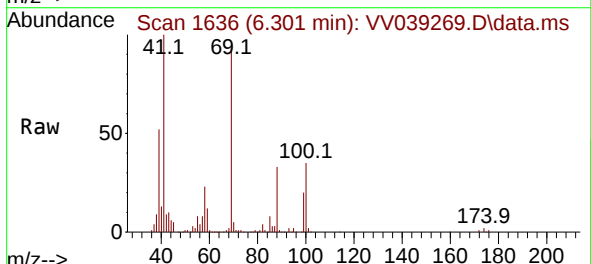
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

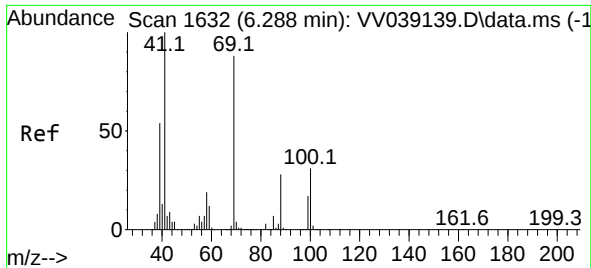
Tgt Ion: 83 Resp: 254678
Ion Ratio Lower Upper
83 100
85 64.2 49.7 74.5
127 8.4 6.6 9.8



#48
Methyl methacrylate
Concen: 20.090 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 41 Resp: 147371
Ion Ratio Lower Upper
41 100
69 96.8 72.4 108.6
39 50.3 42.5 63.7





#49

1,4-Dioxane

Concen: 431.815 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

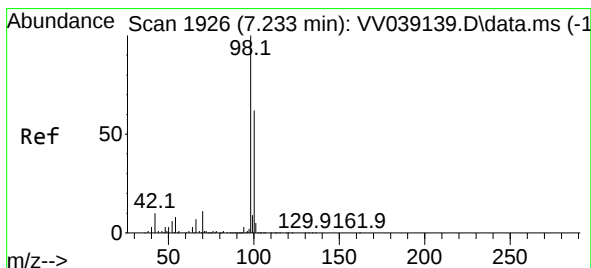
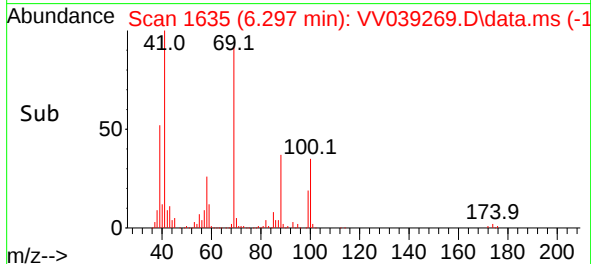
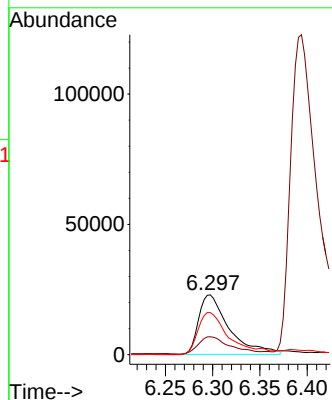
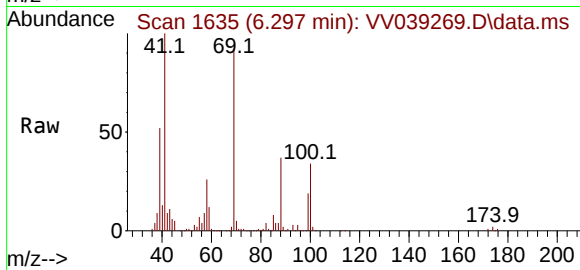
Tgt Ion: 88 Resp: 51119

Ion Ratio Lower Upper

88 100

43 30.8 25.1 37.7

58 68.2 53.6 80.4



#50

Toluene-d8

Concen: 46.669 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039269.D

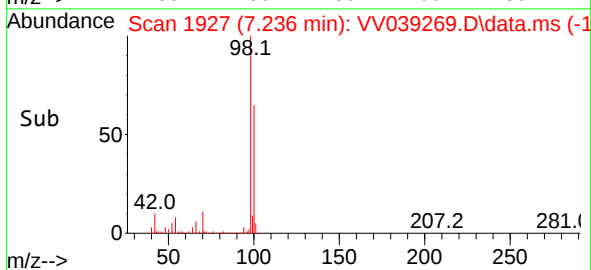
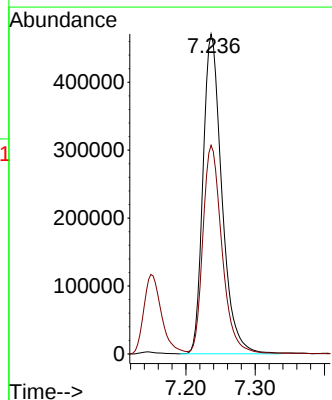
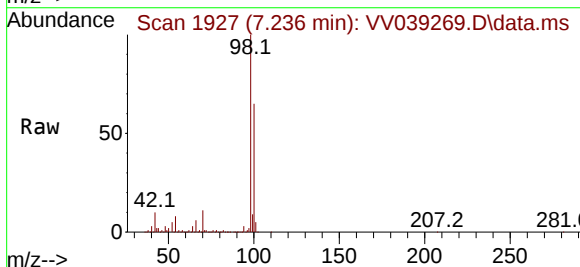
Acq: 06 Oct 2025 13:24

Tgt Ion: 98 Resp: 886744

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 113.431 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

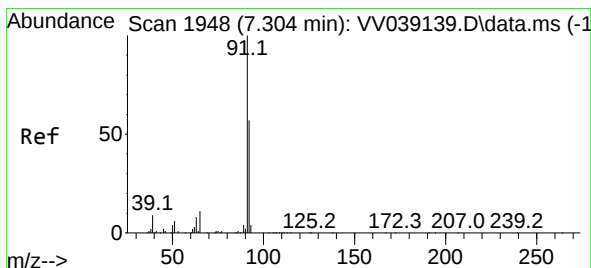
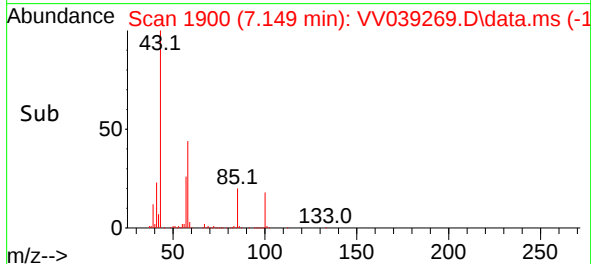
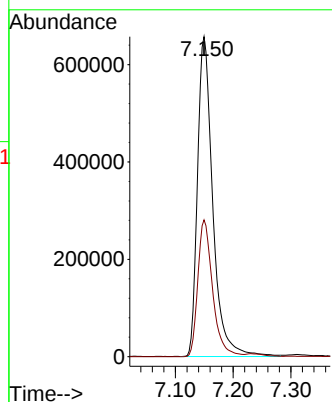
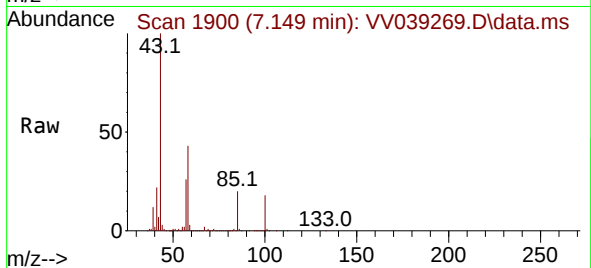
VV1006WBSD01

Tgt Ion: 43 Resp: 1207618

Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5



#52

Toluene

Concen: 21.547 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV039269.D

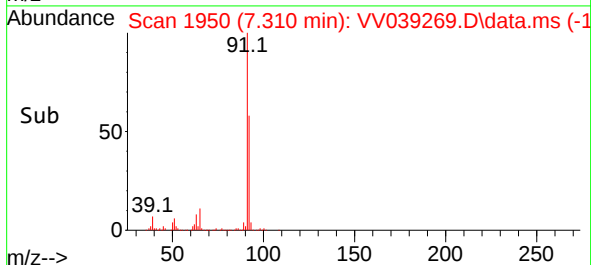
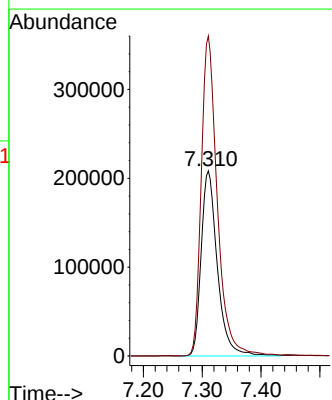
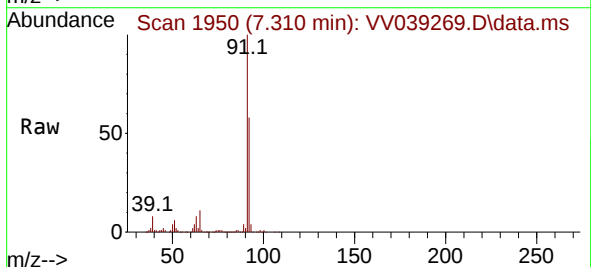
Acq: 06 Oct 2025 13:24

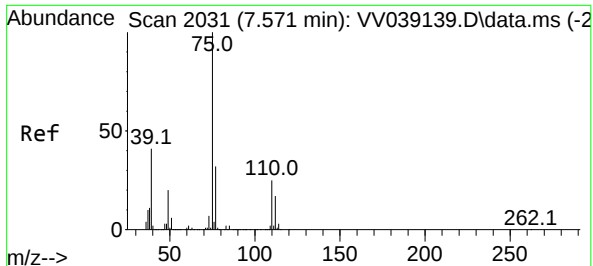
Tgt Ion: 92 Resp: 397923

Ion Ratio Lower Upper

92 100

91 171.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.751 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

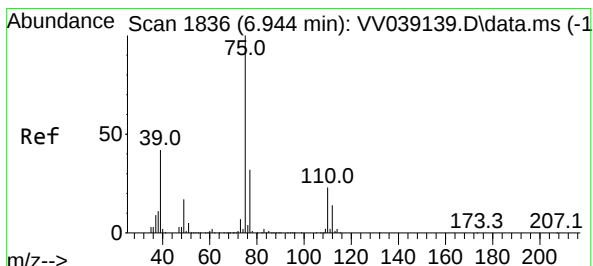
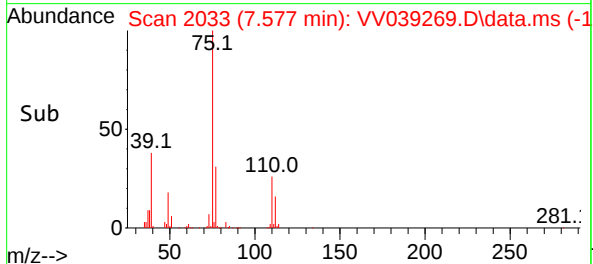
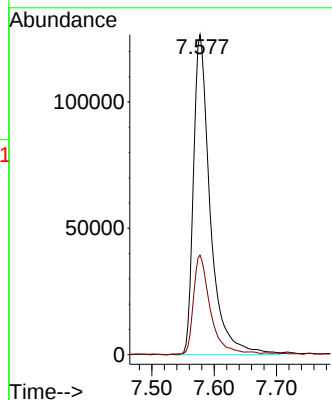
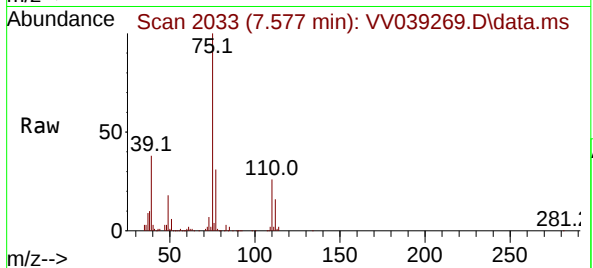
VV1006WBSD01

Tgt Ion: 75 Resp: 237449

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.733 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

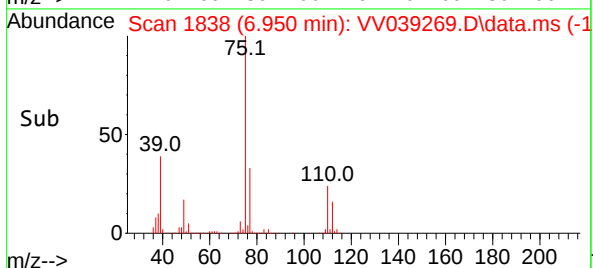
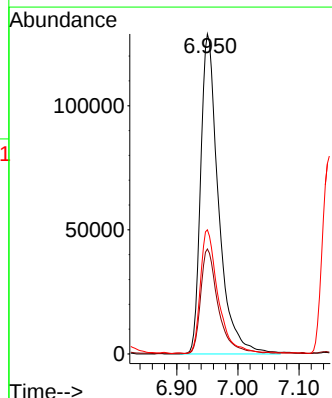
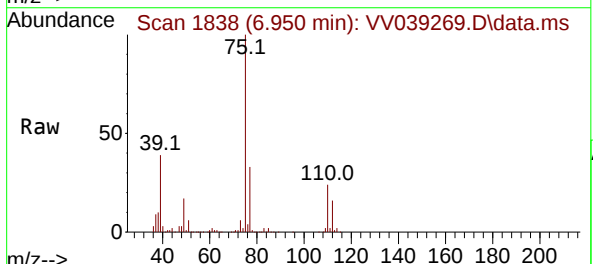
Tgt Ion: 75 Resp: 261914

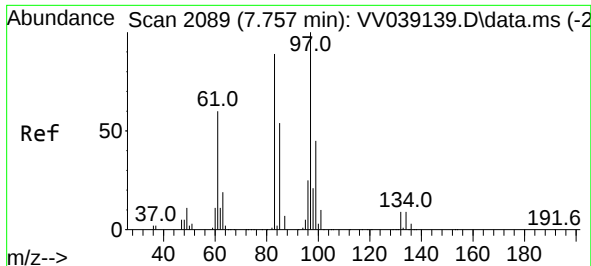
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 38.5 33.8 50.6



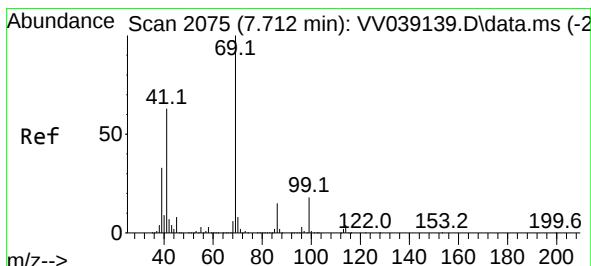
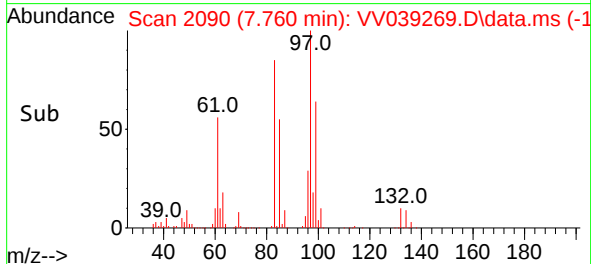
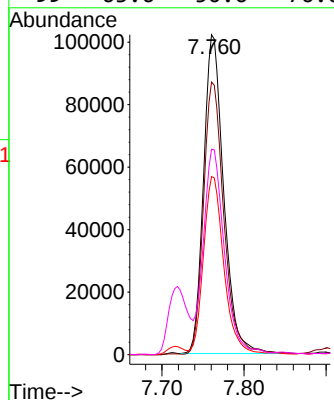
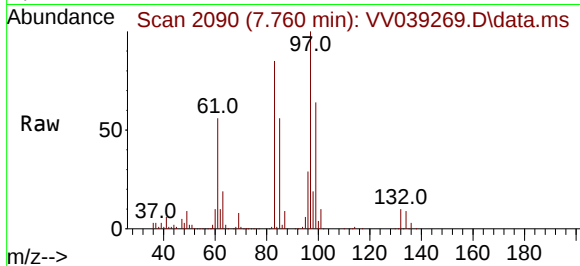


#55
 1,1,2-Trichloroethane
 Concen: 21.041 ug/l
 RT: 7.760 min Scan# 2089
 Delta R.T. 0.003 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBSD01

Tgt Ion: 97 Resp: 174230

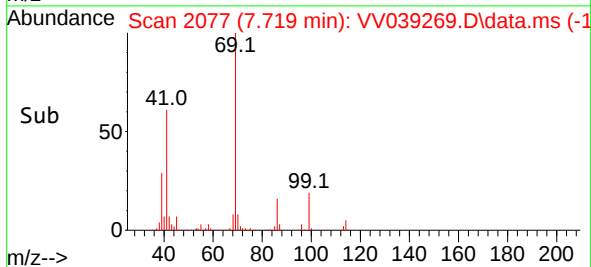
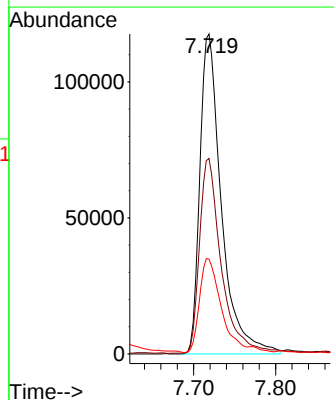
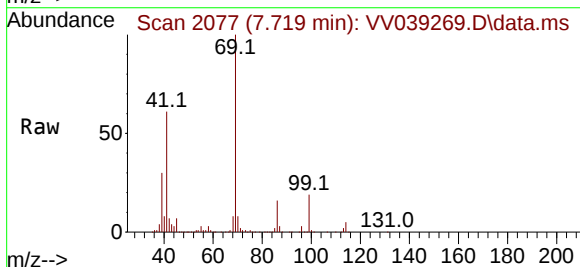
Ion	Ratio	Lower	Upper
97	100		
83	85.3	71.1	106.7
85	55.3	44.6	67.0
99	63.6	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 21.820 ug/l
 RT: 7.719 min Scan# 2077
 Delta R.T. 0.007 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

Tgt Ion: 69 Resp: 214565

Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.7	76.1
39	30.1	26.0	39.0

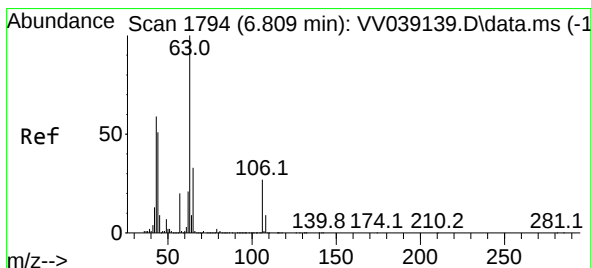
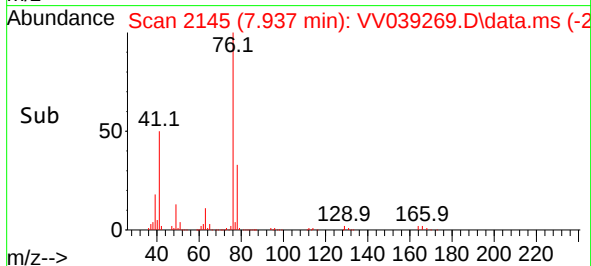
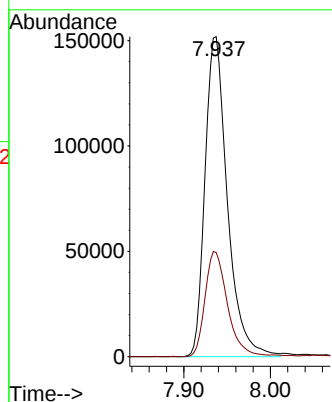
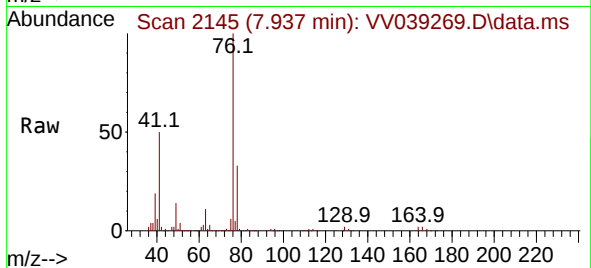




#57
1,3-Dichloropropane
Concen: 20.876 ug/l
RT: 7.937 min Scan# 2143
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

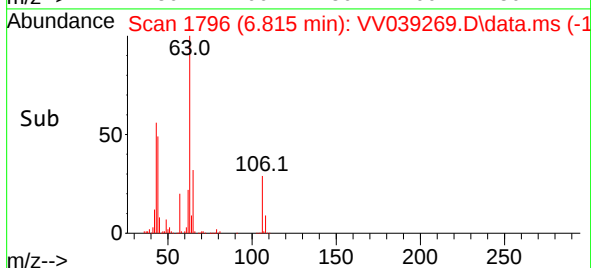
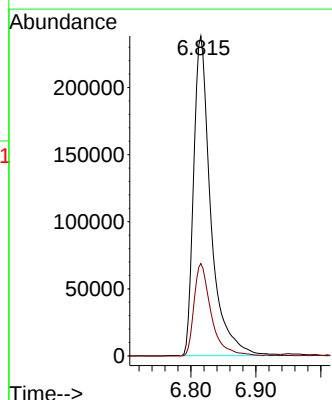
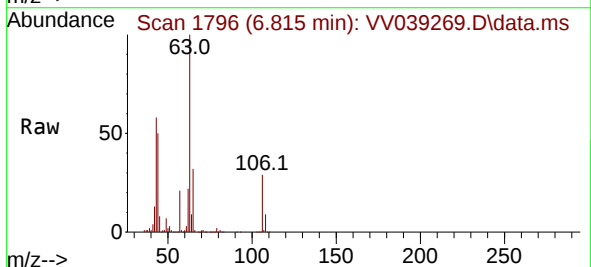
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 76 Resp: 272812
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 85.423 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 63 Resp: 437733
Ion Ratio Lower Upper
63 100
106 28.9 22.1 33.1

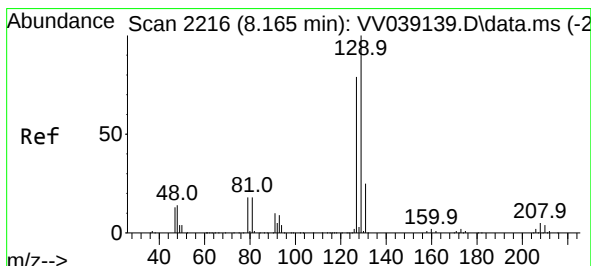
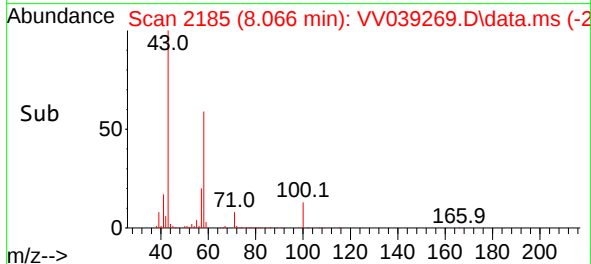
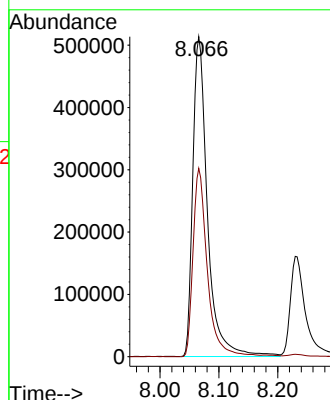
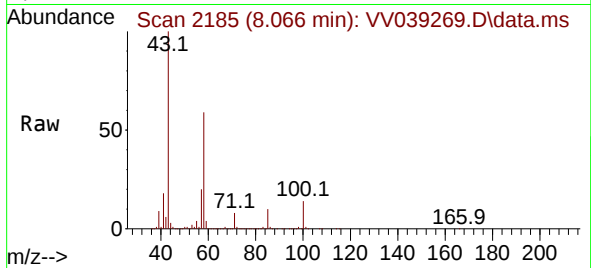




#59
2-Hexanone
Concen: 104.703 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

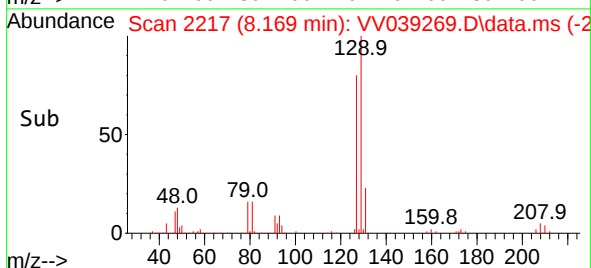
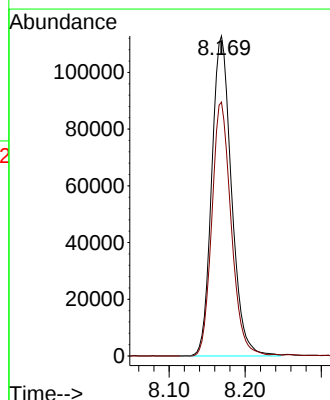
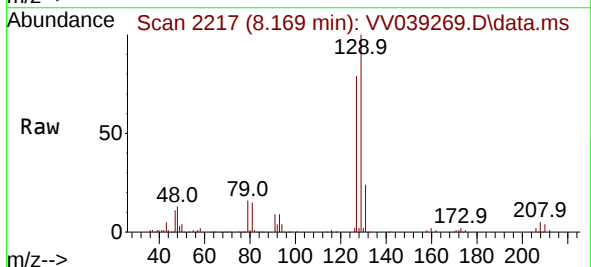
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion: 43 Resp: 888055
Ion Ratio Lower Upper
43 100
58 57.5 28.3 85.0



#60
Dibromochloromethane
Concen: 21.634 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 129 Resp: 204120
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.9

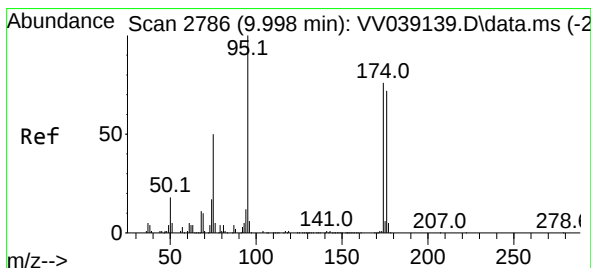
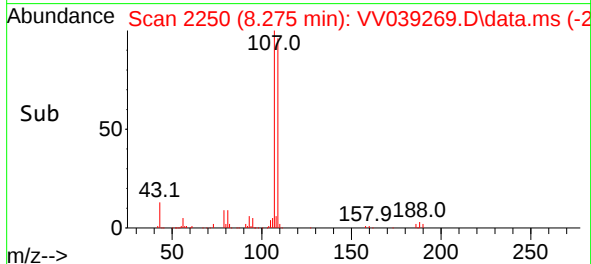
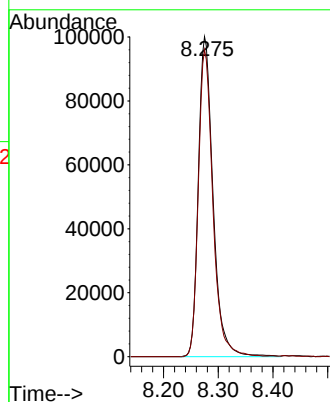
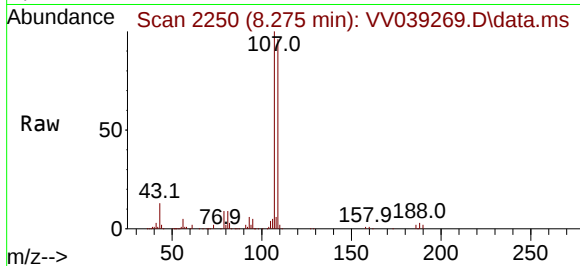




#61
 1,2-Dibromoethane
 Concen: 22.033 ug/l
 RT: 8.275 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

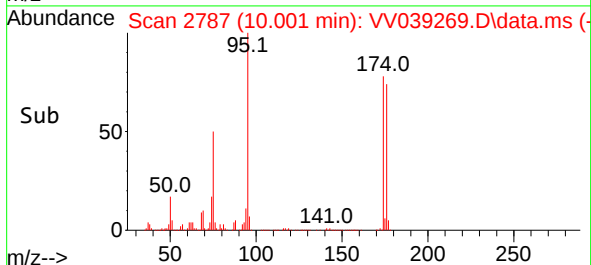
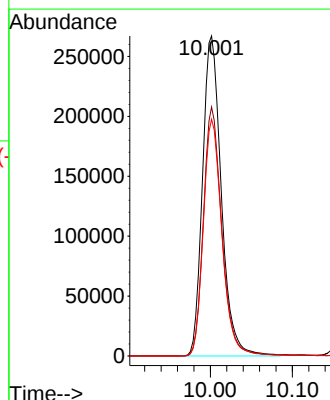
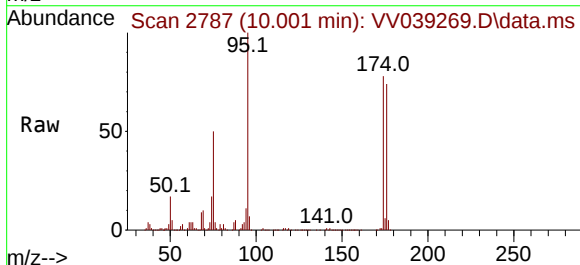
Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBSD01

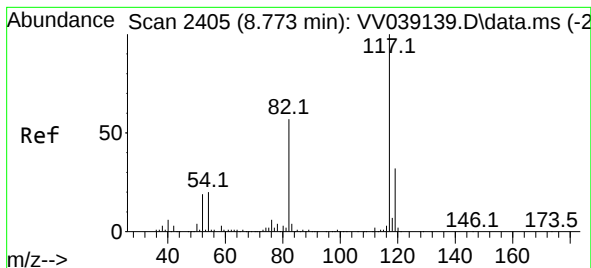
Tgt Ion:107 Resp: 186580
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 54.380 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.003 min
 Lab File: VV039269.D
 Acq: 06 Oct 2025 13:24

Tgt Ion: 95 Resp: 425366
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 150.4
 176 73.4 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: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

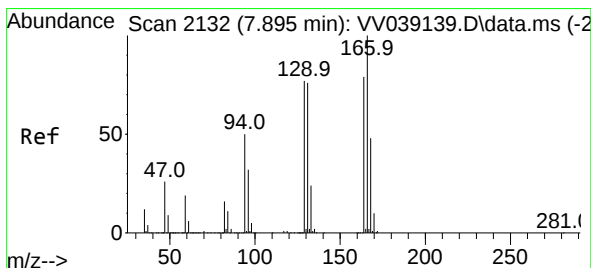
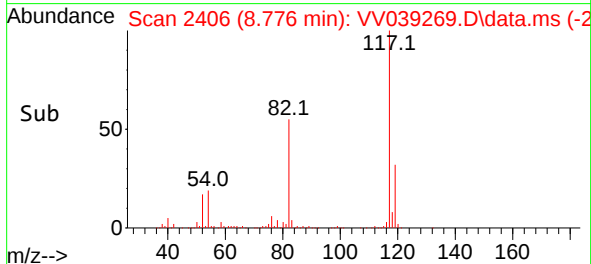
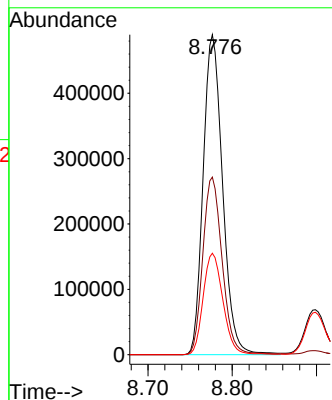
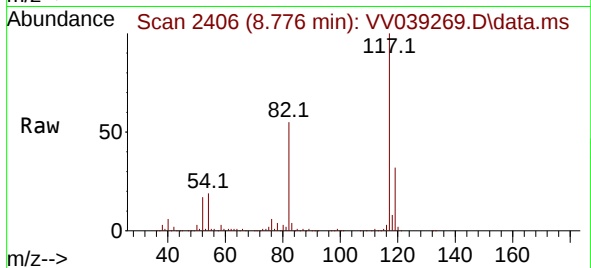
Tgt Ion:117 Resp: 787178

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.2

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 20.552 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Tgt Ion:164 Resp: 135504

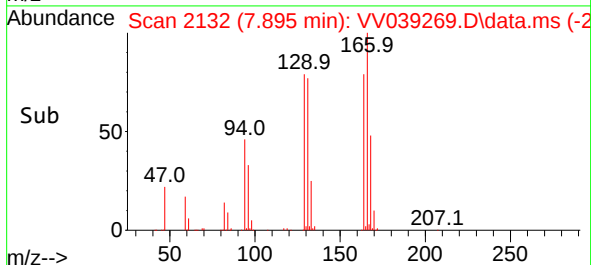
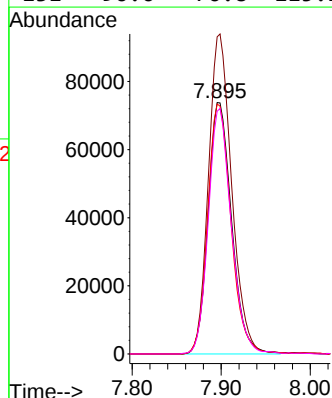
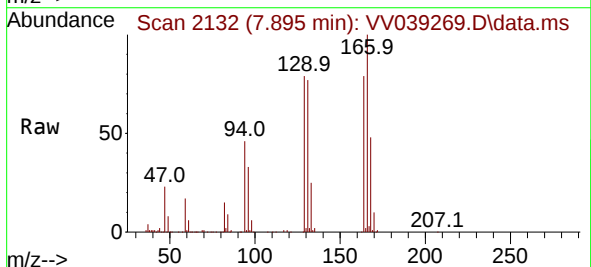
Ion Ratio Lower Upper

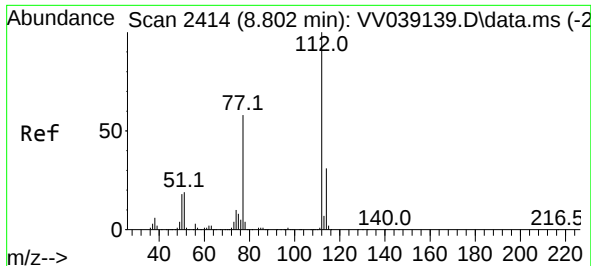
164 100

166 126.2 101.6 152.4

129 99.4 78.5 117.7

131 96.6 76.8 115.2

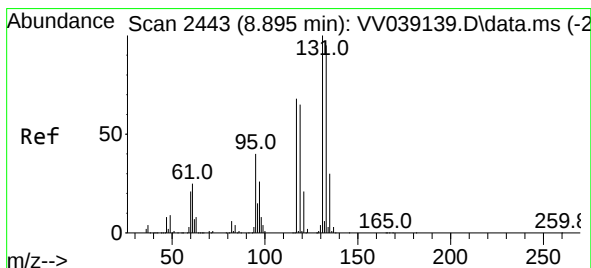
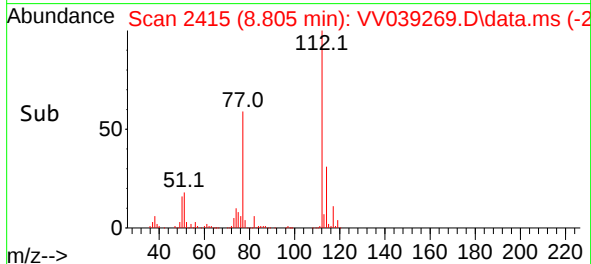
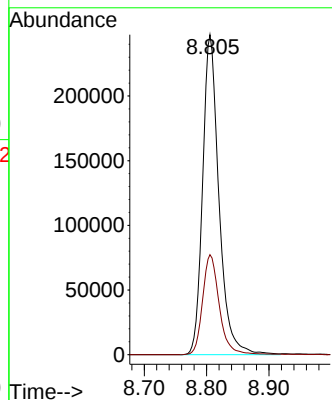
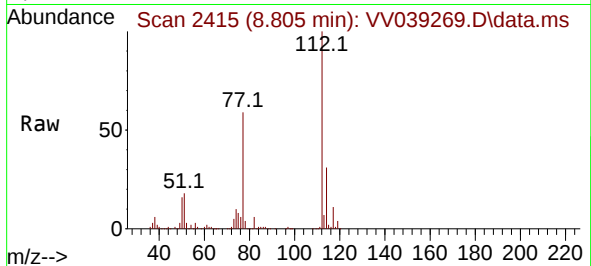




#65
Chlorobenzene
Concen: 20.548 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

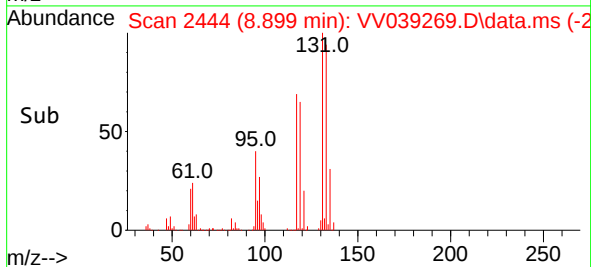
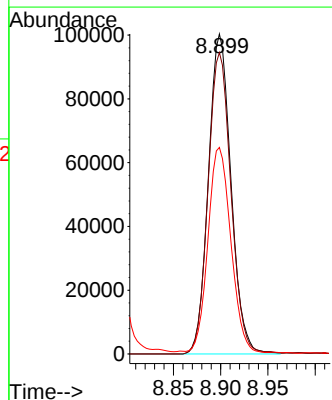
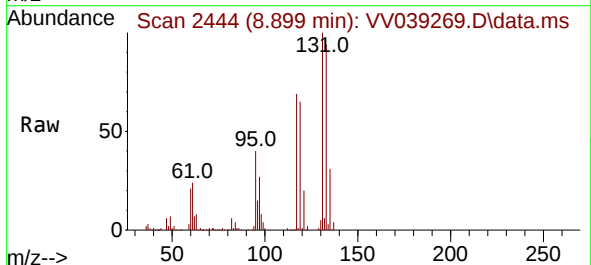
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

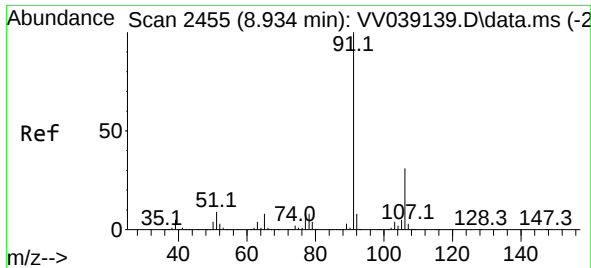
Tgt Ion:112 Resp: 450537
Ion Ratio Lower Upper
112 100
114 31.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.045 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion:131 Resp: 166727
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 65.0 33.3 99.8





#67

Ethyl Benzene

Concen: 20.797 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

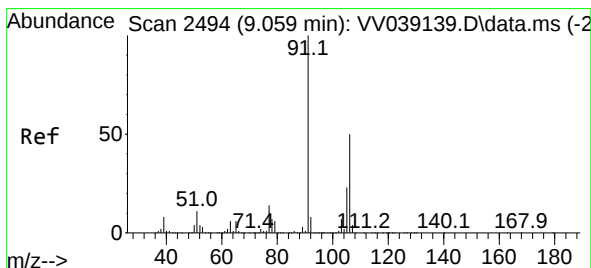
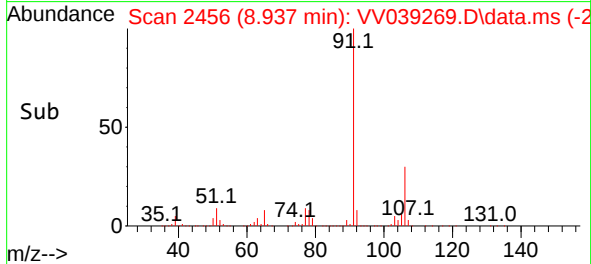
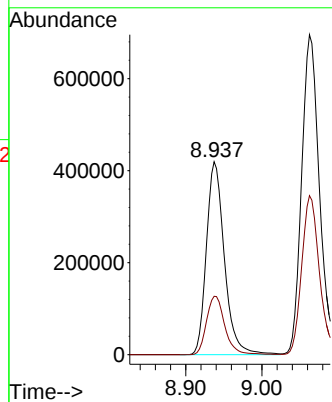
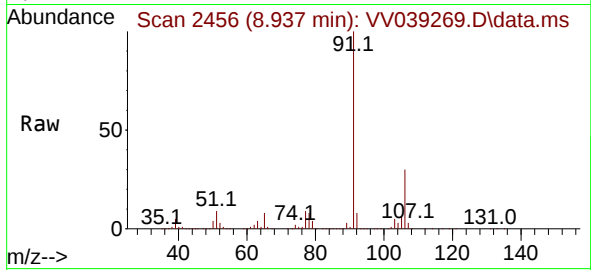
VV1006WBSD01

Tgt Ion: 91 Resp: 690266

Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0



#68

m/p-Xylenes

Concen: 44.328 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039269.D

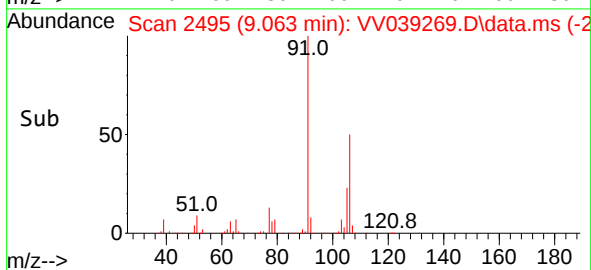
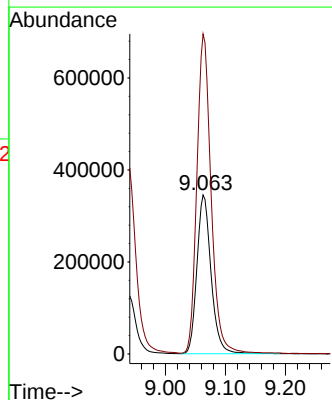
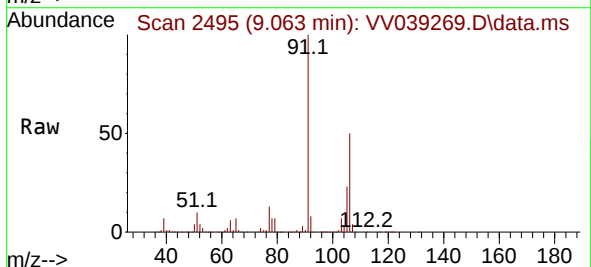
Acq: 06 Oct 2025 13:24

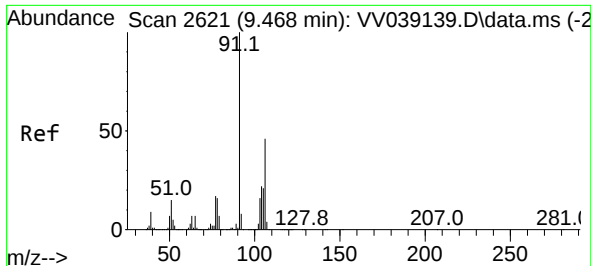
Tgt Ion: 106 Resp: 567855

Ion Ratio Lower Upper

106 100

91 200.9 162.5 243.7

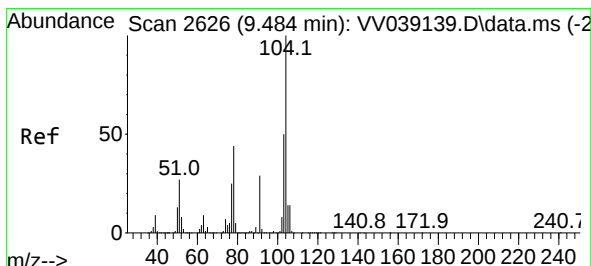
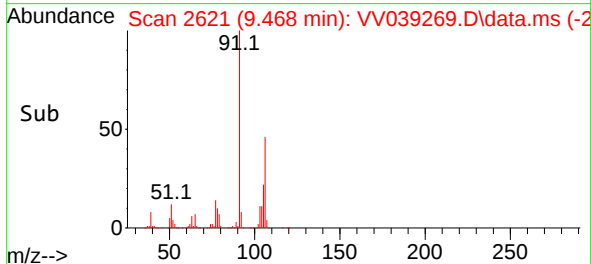
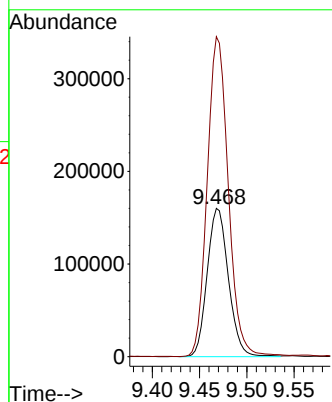
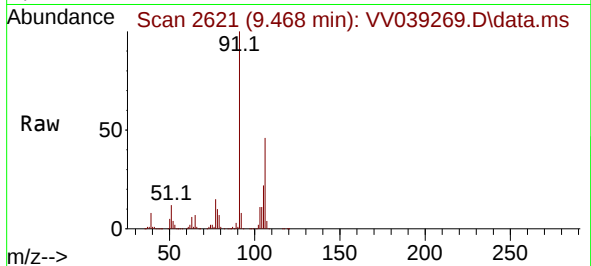




#69
o-Xylene
Concen: 22.100 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

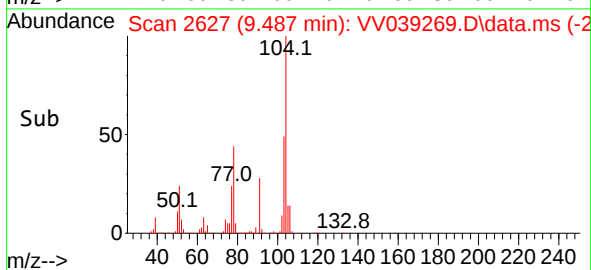
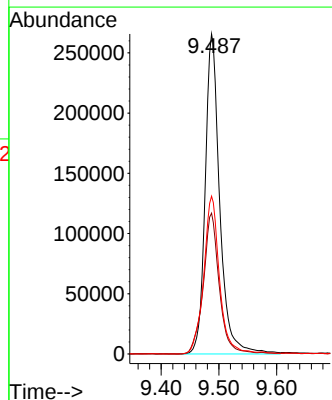
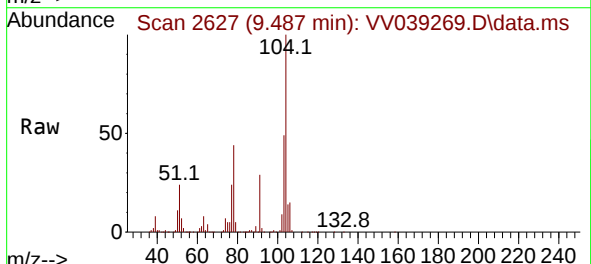
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

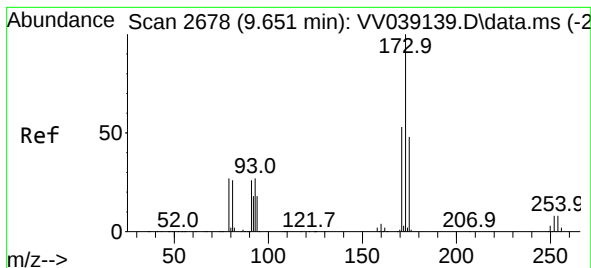
Tgt Ion:106 Resp: 250673
Ion Ratio Lower Upper
106 100
91 213.3 109.1 327.3



#70
Styrene
Concen: 20.257 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion:104 Resp: 465644
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.6
103 53.4 43.4 65.2





#71

Bromoform

Concen: 22.665 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

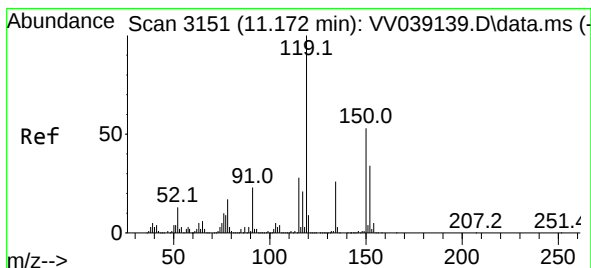
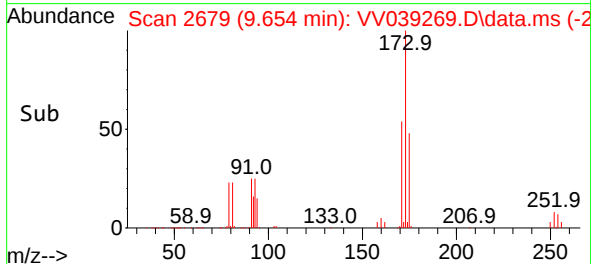
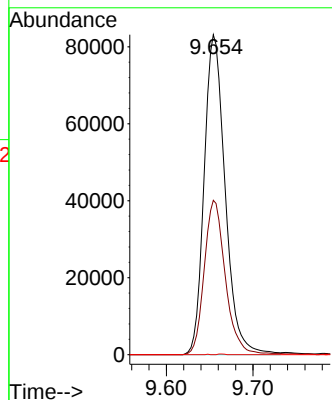
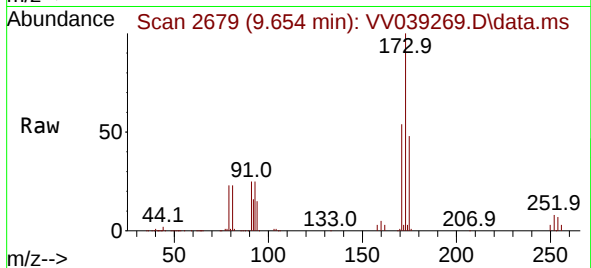
Tgt Ion:173 Resp: 140264

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.0 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: VV039269.D

Acq: 06 Oct 2025 13:24

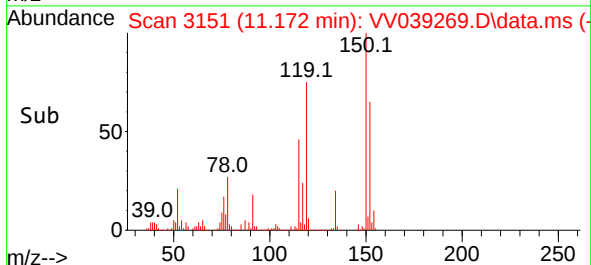
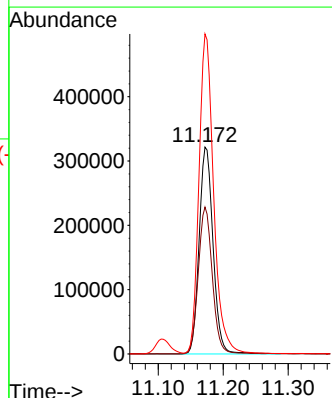
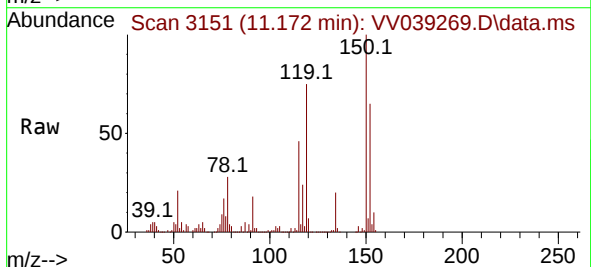
Tgt Ion:152 Resp: 481812

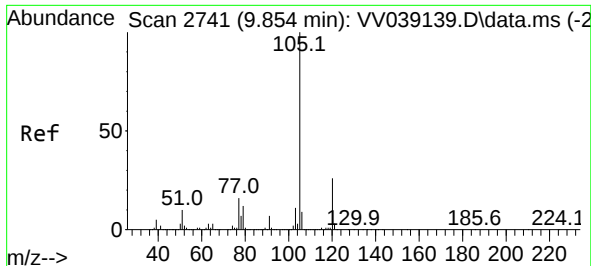
Ion Ratio Lower Upper

152 100

115 71.2 44.8 134.4

150 162.4 0.0 353.8

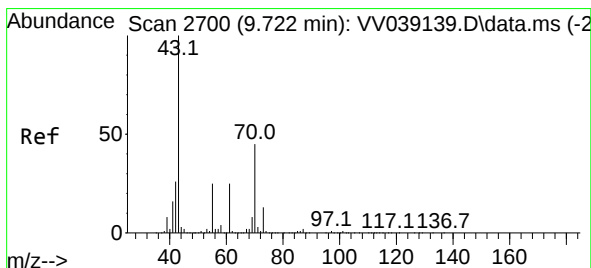
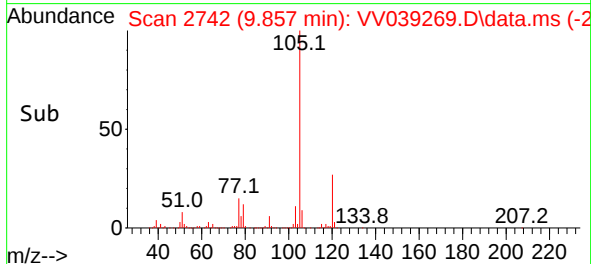
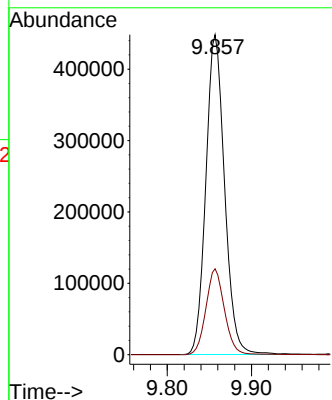
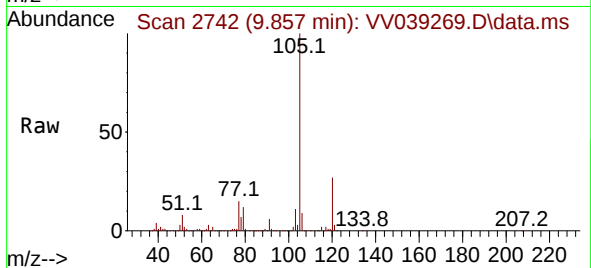




#73
Isopropylbenzene
Concen: 19.833 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

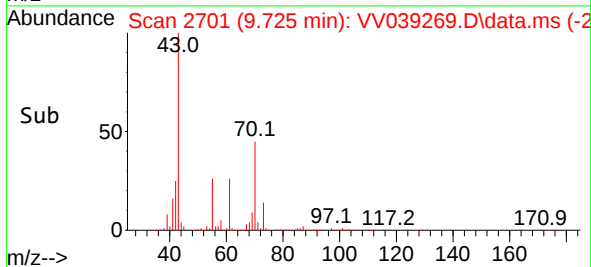
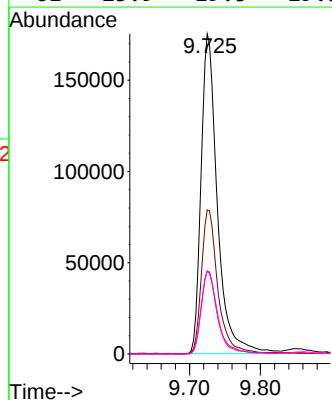
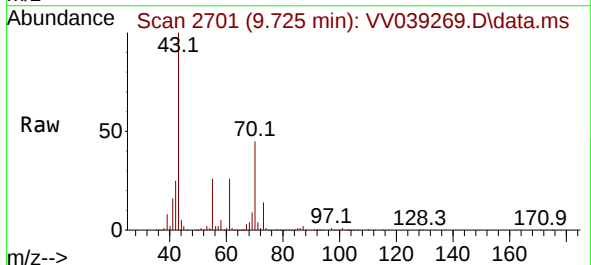
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

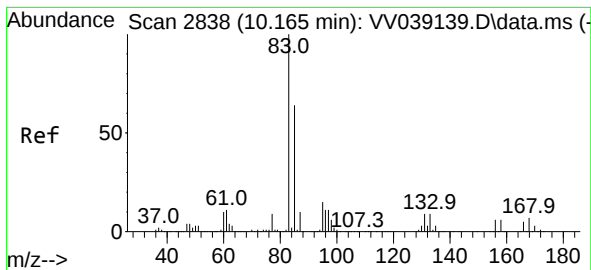
Tgt Ion:105 Resp: 693081
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 20.132 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 43 Resp: 280621
Ion Ratio Lower Upper
43 100
70 45.4 35.4 53.0
55 26.5 20.6 30.8
61 25.9 19.5 29.3

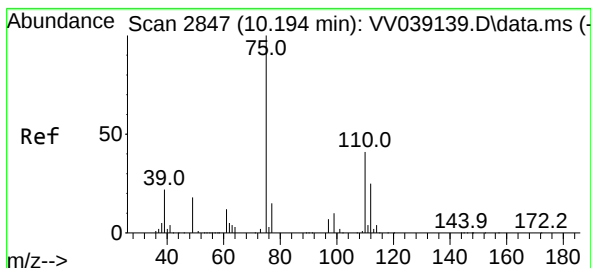
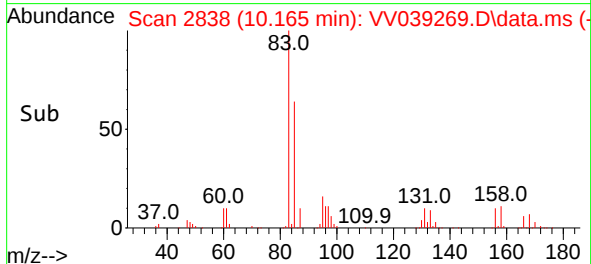
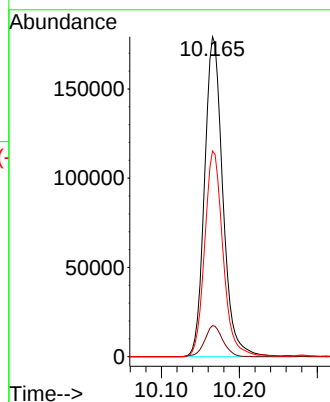
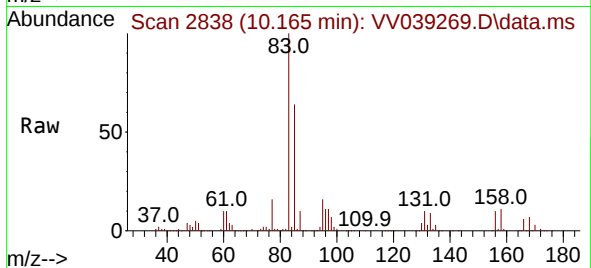




#75
1,1,2,2-Tetrachloroethane
Concen: 19.104 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

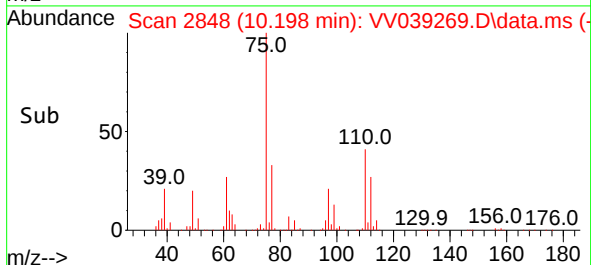
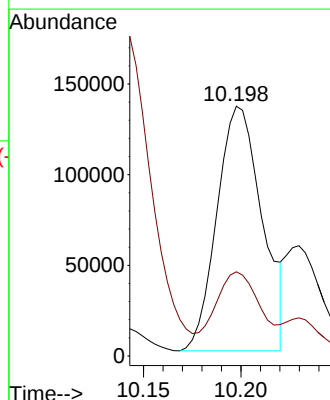
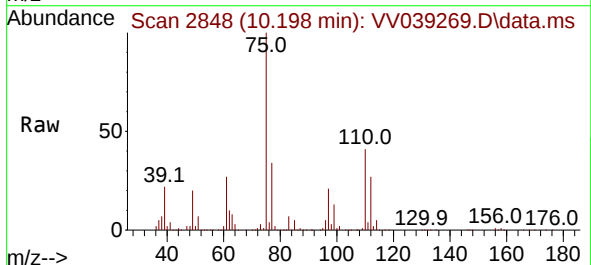
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

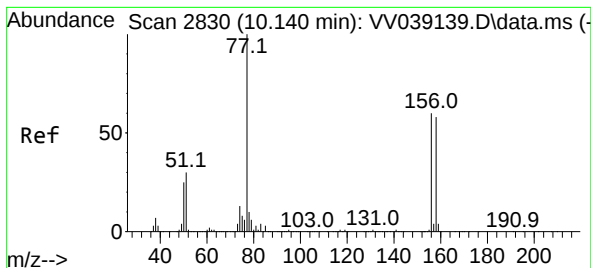
Tgt Ion: 83 Resp: 292522
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 64.3 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 19.871 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 75 Resp: 217992
Ion Ratio Lower Upper
75 100
77 21.3 11.3 33.8





#77

Bromobenzene

Concen: 20.817 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

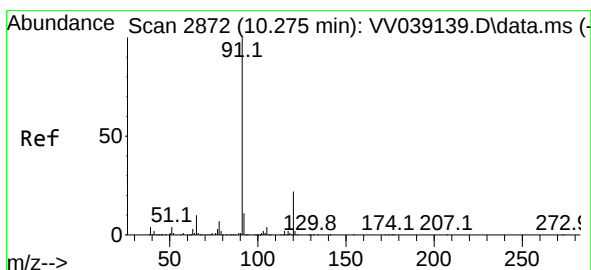
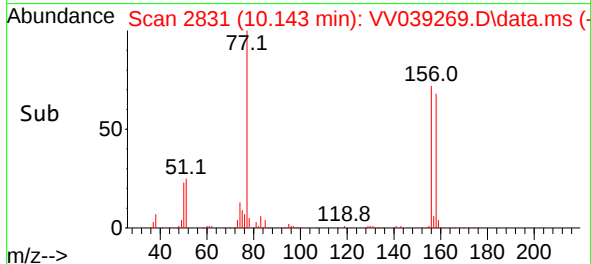
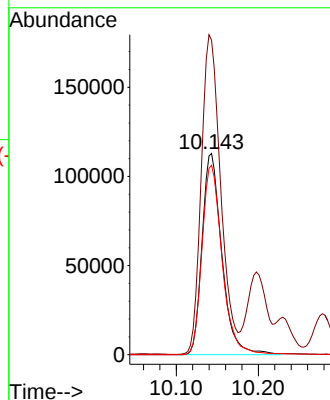
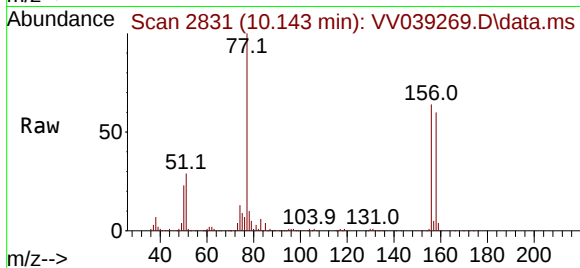
Tgt Ion:156 Resp: 188738

Ion Ratio Lower Upper

156 100

77 155.9 83.4 250.1

158 95.7 48.8 146.4



#78

n-propylbenzene

Concen: 19.587 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039269.D

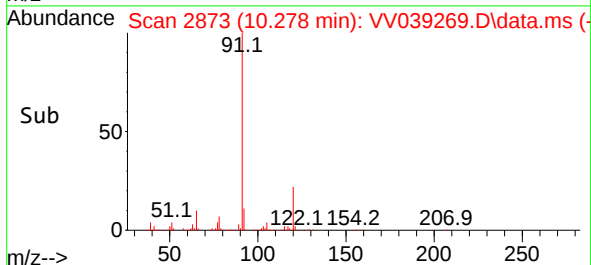
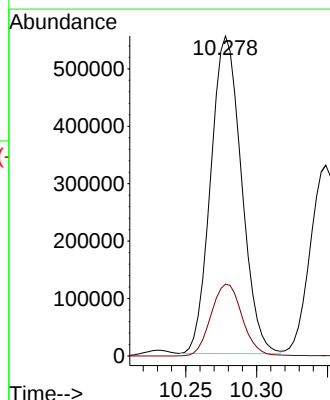
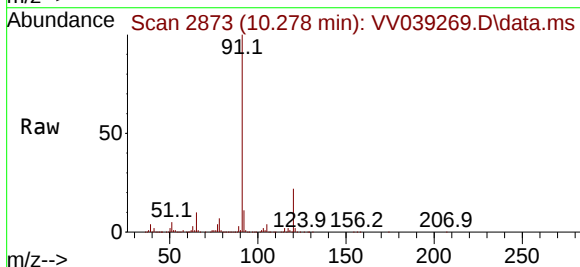
Acq: 06 Oct 2025 13:24

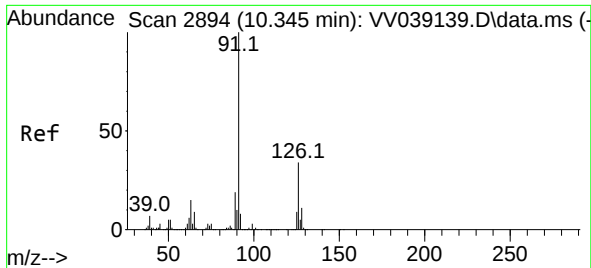
Tgt Ion: 91 Resp: 833525

Ion Ratio Lower Upper

91 100

120 23.2 11.1 33.3

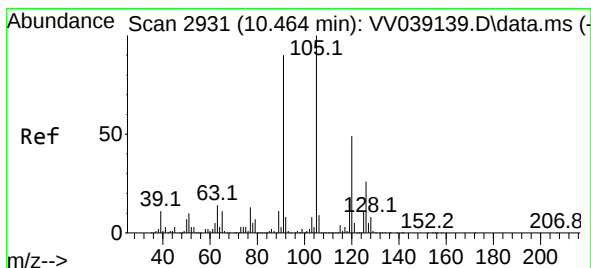
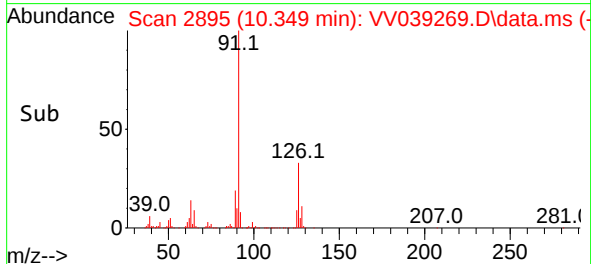
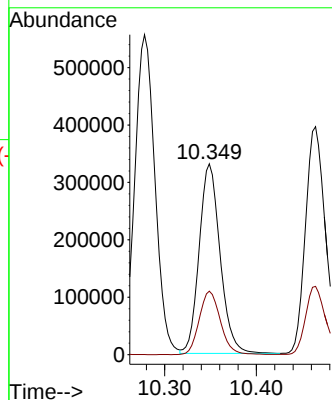
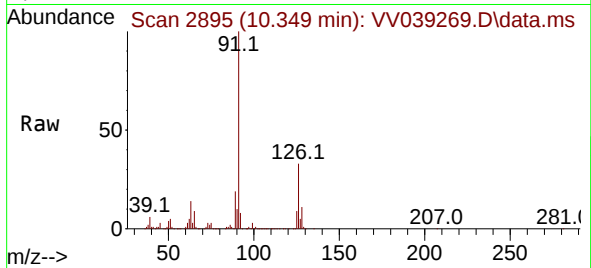




#79
2-Chlorotoluene
Concen: 20.542 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

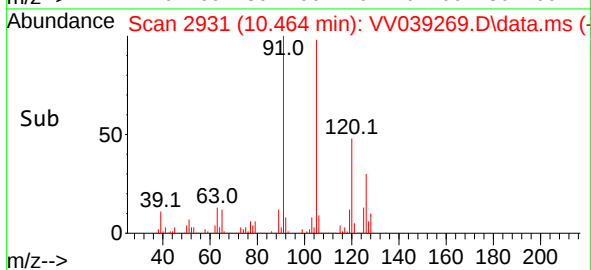
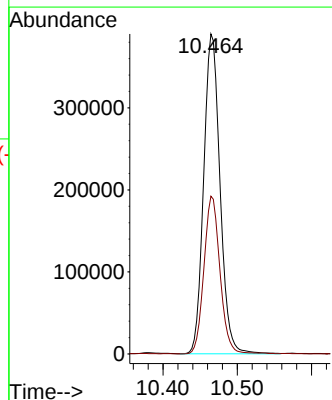
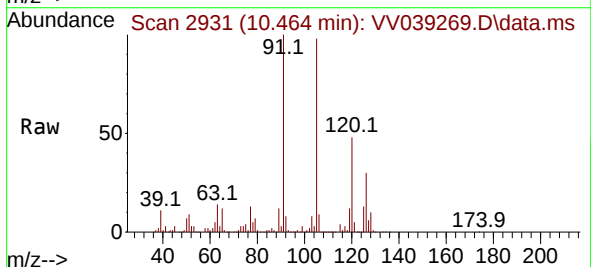
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

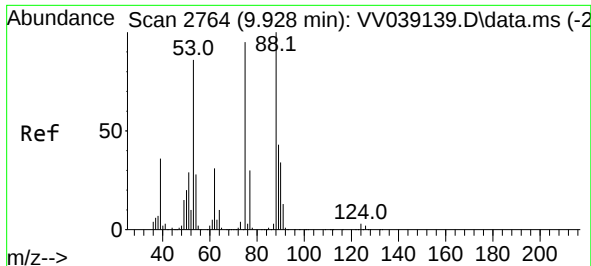
Tgt Ion: 91 Resp: 523096
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.509 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 105 Resp: 595711
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

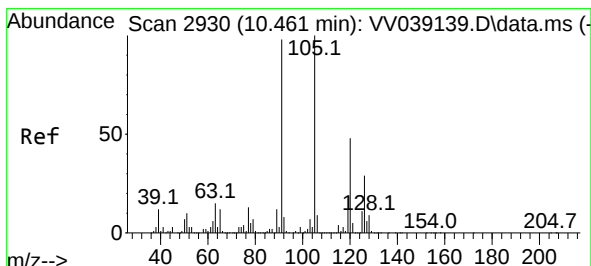
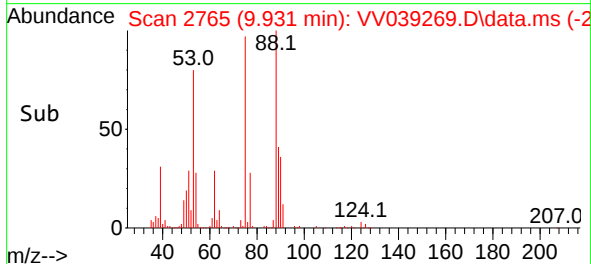
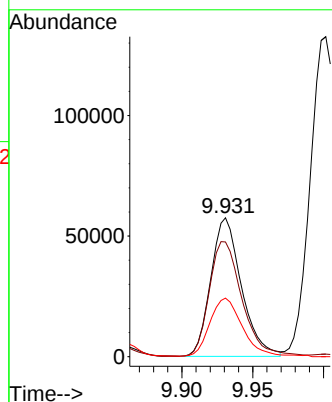
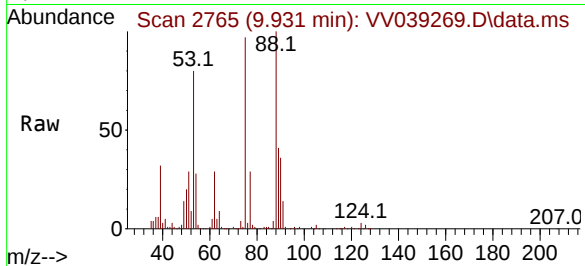




#81
trans-1,4-Dichloro-2-butene
Concen: 18.912 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

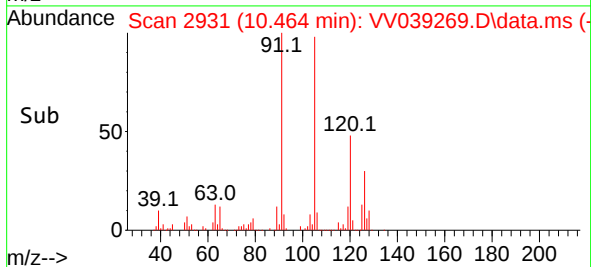
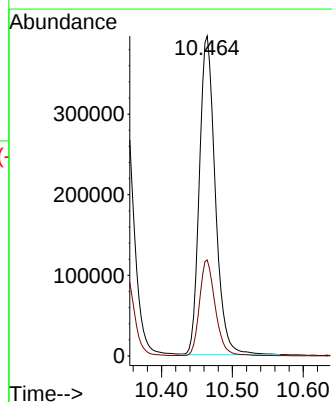
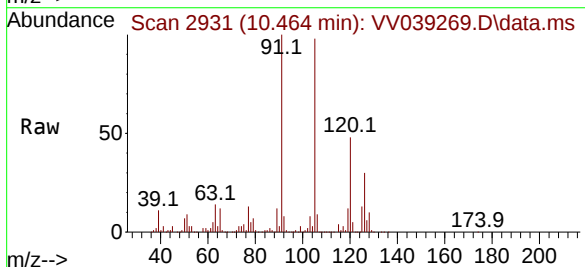
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

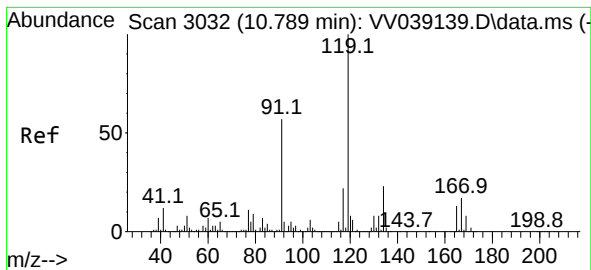
Tgt Ion: 75 Resp: 86421
Ion Ratio Lower Upper
75 100
53 88.5 72.5 108.7
89 45.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.866 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 91 Resp: 616121
Ion Ratio Lower Upper
91 100
126 29.8 14.5 43.6





#83

tert-Butylbenzene

Concen: 19.369 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

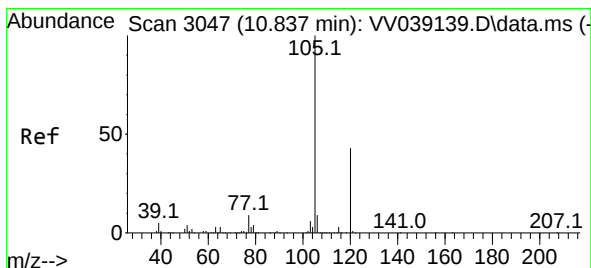
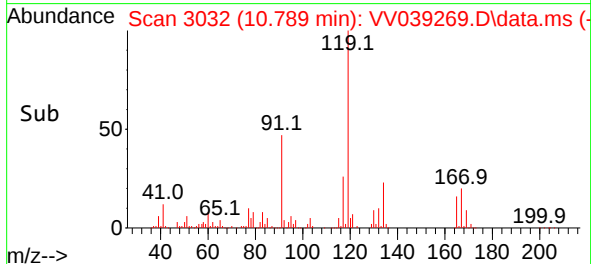
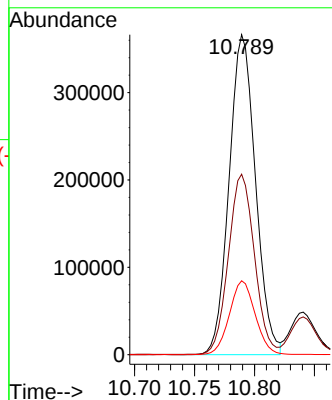
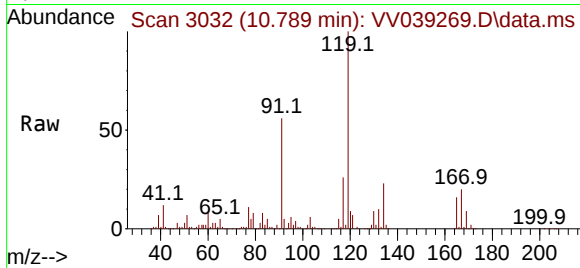
Tgt Ion:119 Resp: 561019

Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.924 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039269.D

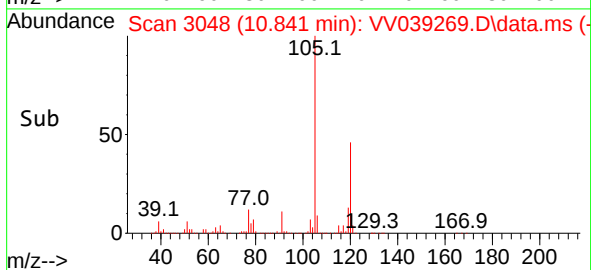
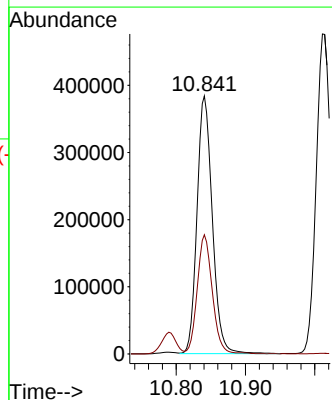
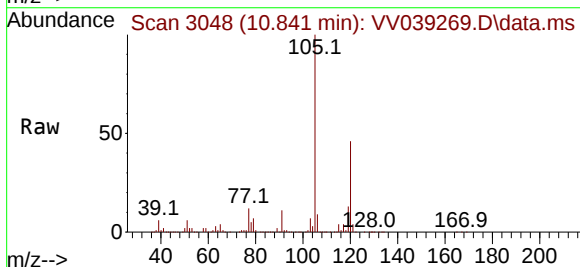
Acq: 06 Oct 2025 13:24

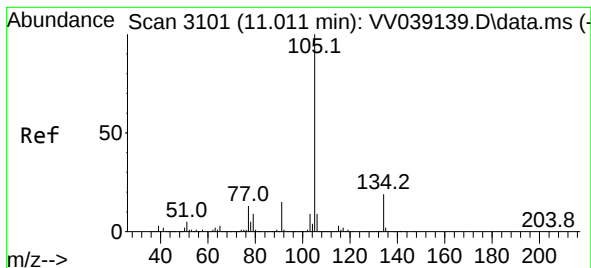
Tgt Ion:105 Resp: 590051

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.821 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

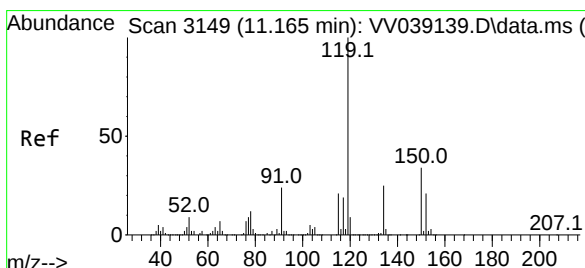
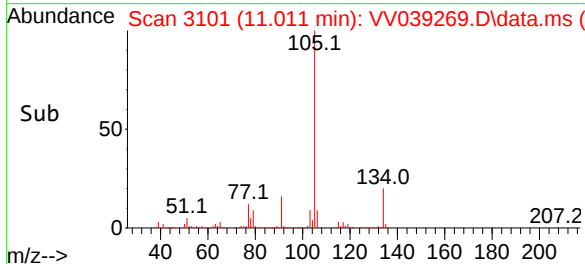
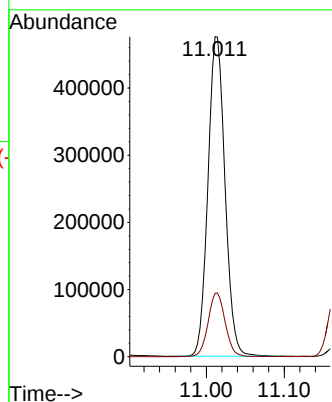
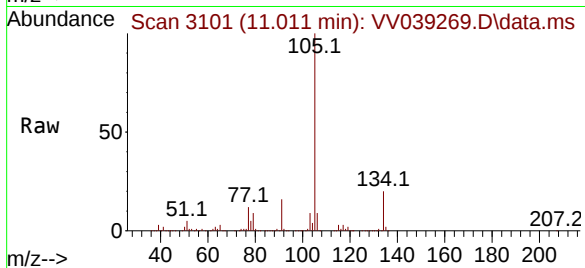
VV1006WBSD01

Tgt Ion:105 Resp: 723047

Ion Ratio Lower Upper

105 100

134 20.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.237 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

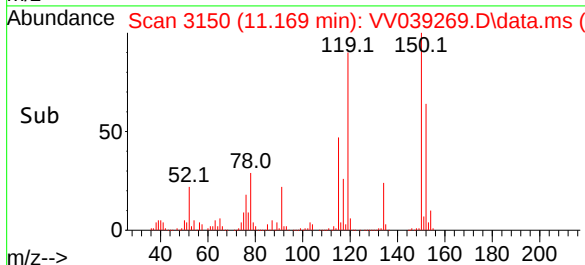
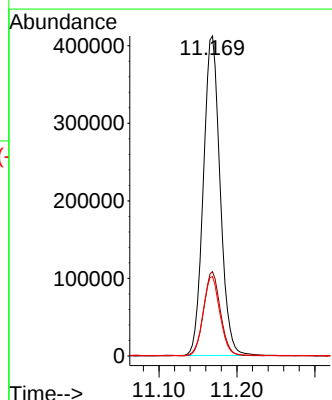
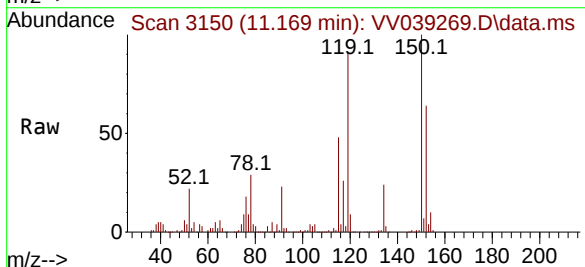
Tgt Ion:119 Resp: 615102

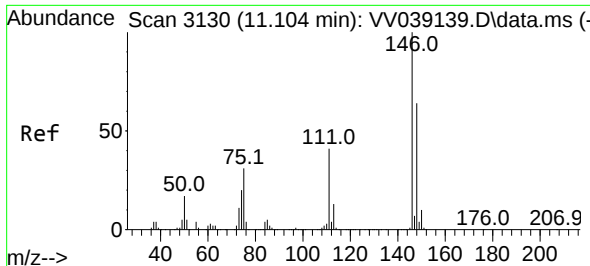
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.0

91 24.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.197 ug/l

RT: 11.108 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039269.D

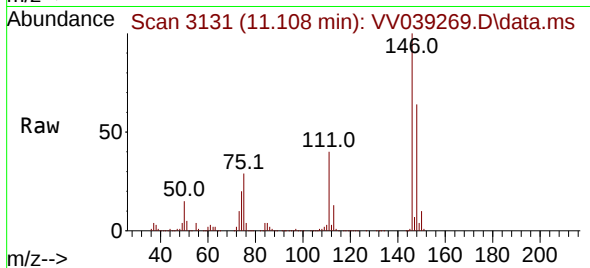
Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01



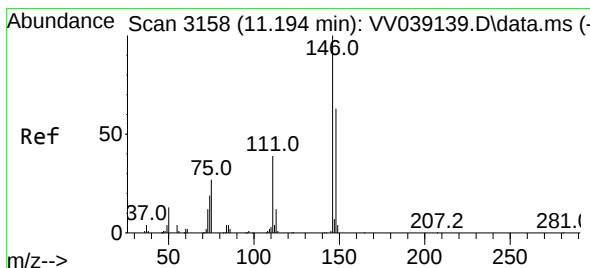
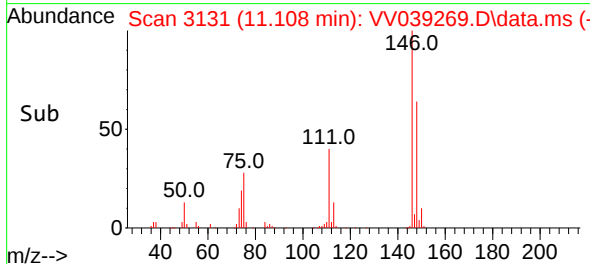
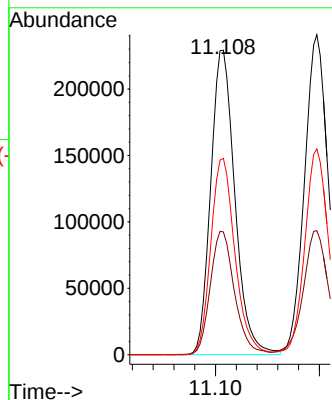
Tgt Ion:146 Resp: 370608

Ion Ratio Lower Upper

146 100

111 40.6 20.9 62.8

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.727 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

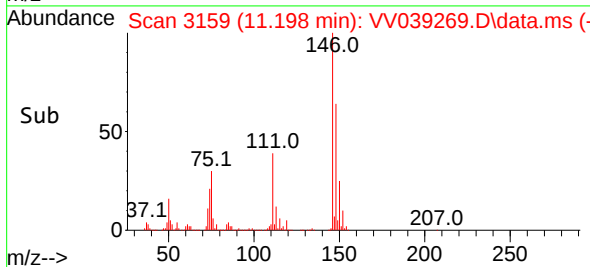
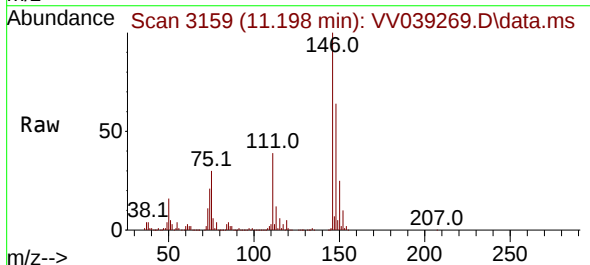
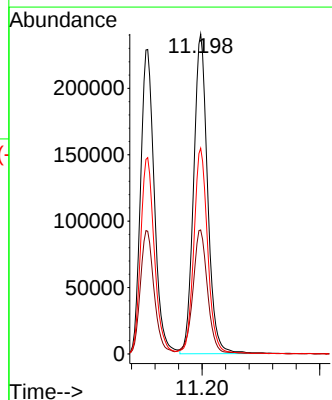
Tgt Ion:146 Resp: 397127

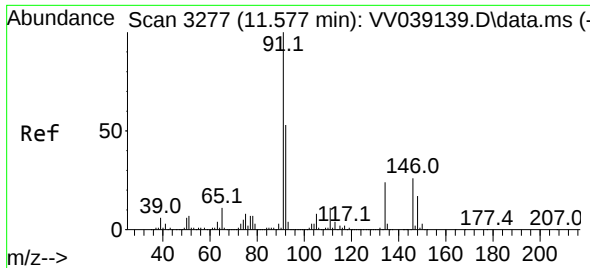
Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.8

148 63.4 31.4 94.2

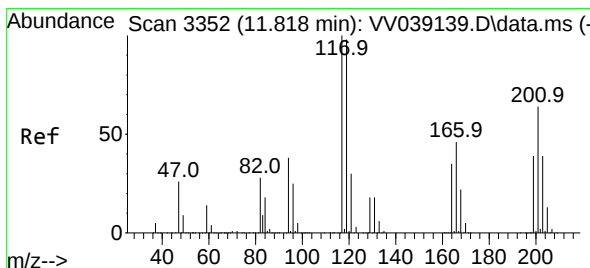
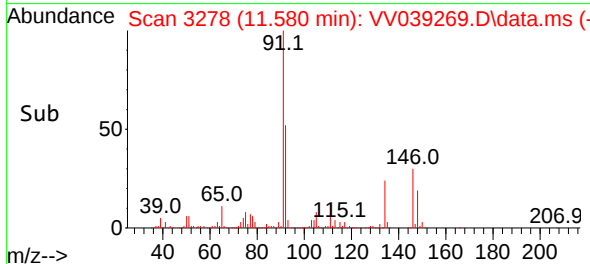
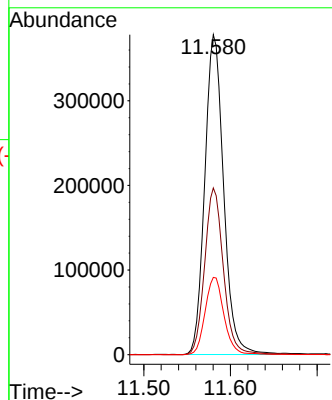
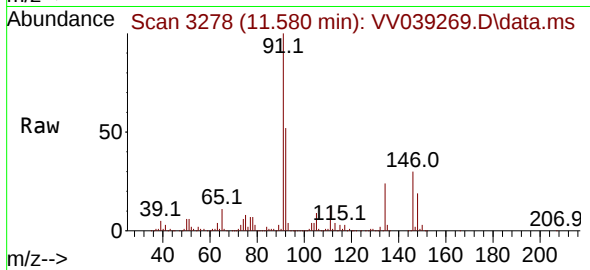




#89
n-Butylbenzene
Concen: 18.720 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

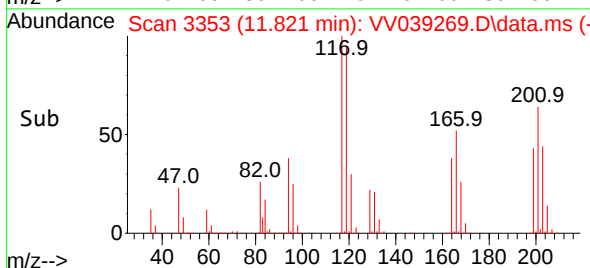
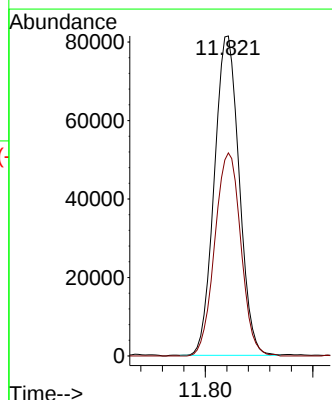
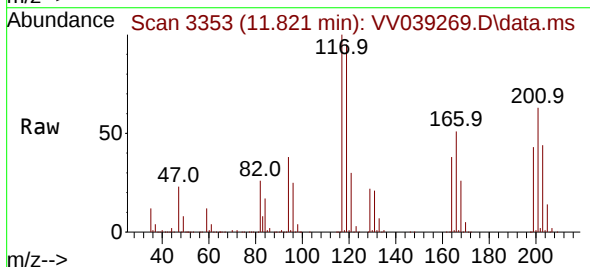
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

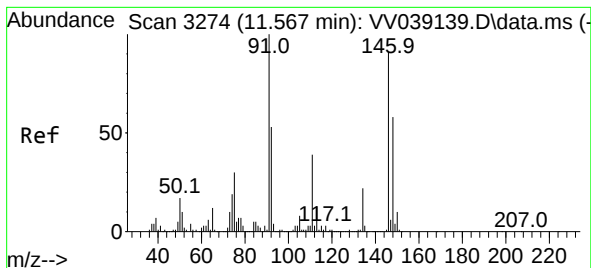
Tgt Ion: 91 Resp: 571661
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.8
134 24.2 12.1 36.3



#90
Hexachloroethane
Concen: 16.610 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion: 117 Resp: 130785
Ion Ratio Lower Upper
117 100
201 66.6 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 20.344 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

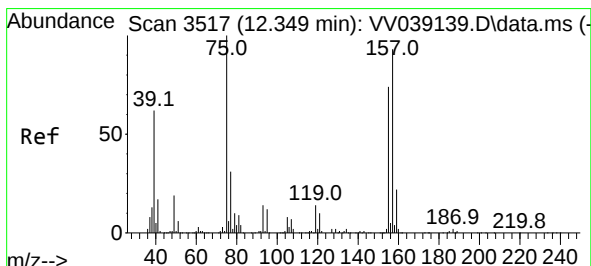
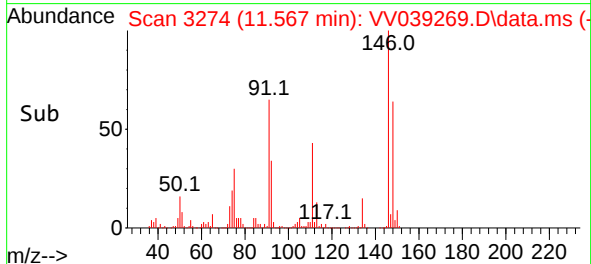
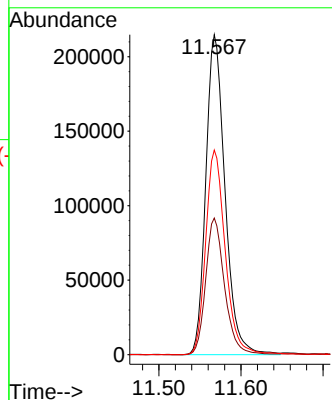
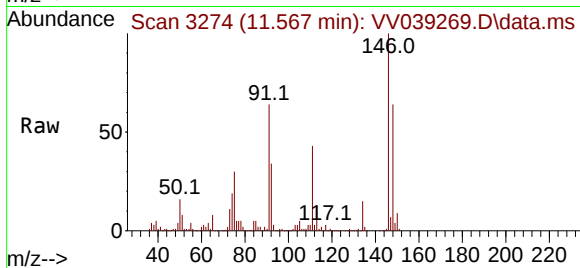
Tgt Ion:146 Resp: 348765

Ion Ratio Lower Upper

146 100

111 42.2 21.5 64.5

148 65.5 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.482 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

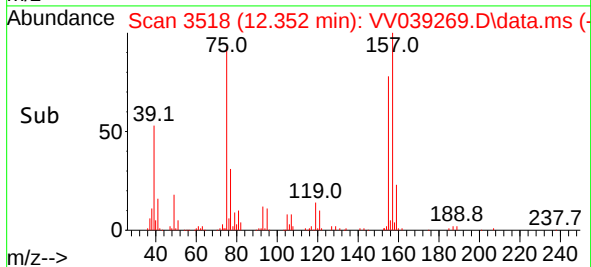
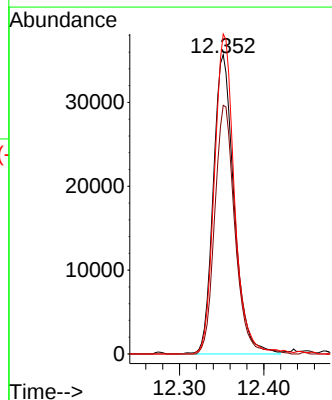
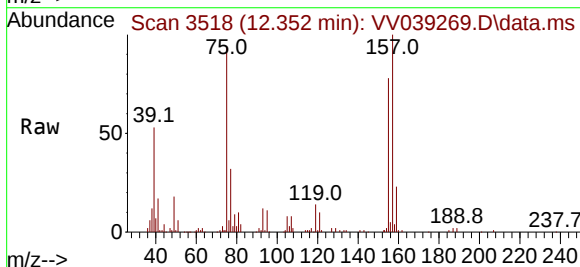
Tgt Ion: 75 Resp: 61195

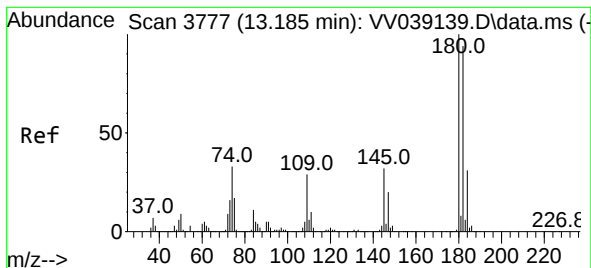
Ion Ratio Lower Upper

75 100

155 80.9 38.6 115.8

157 102.2 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 20.510 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

Instrument :

MSVOA_V

ClientSampleId :

VV1006WBSD01

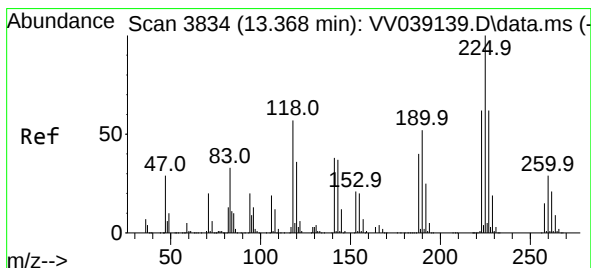
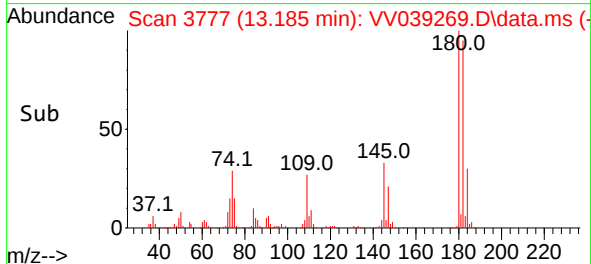
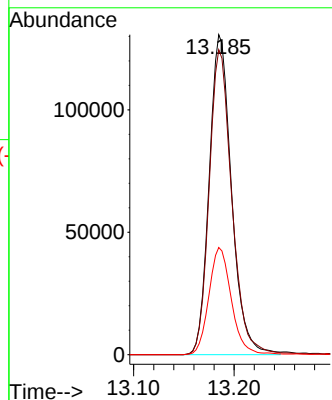
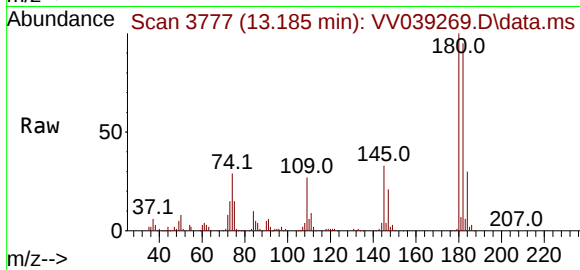
Tgt Ion:180 Resp: 201560

Ion Ratio Lower Upper

180 100

182 97.0 47.1 141.4

145 33.8 16.3 48.8



#94

Hexachlorobutadiene

Concen: 16.291 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039269.D

Acq: 06 Oct 2025 13:24

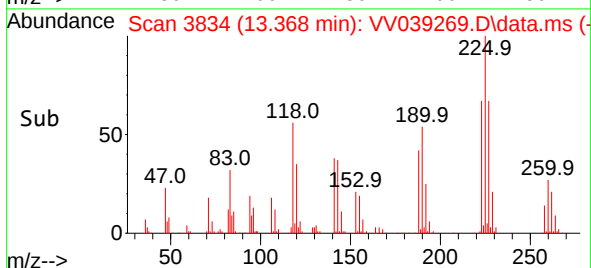
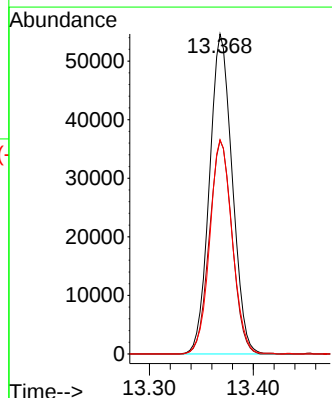
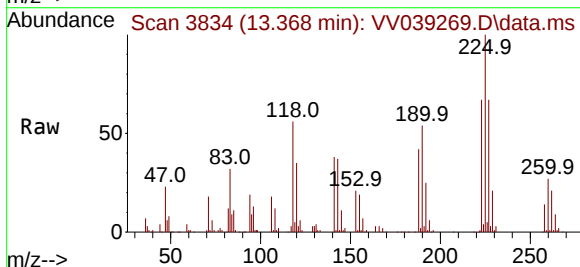
Tgt Ion:225 Resp: 83186

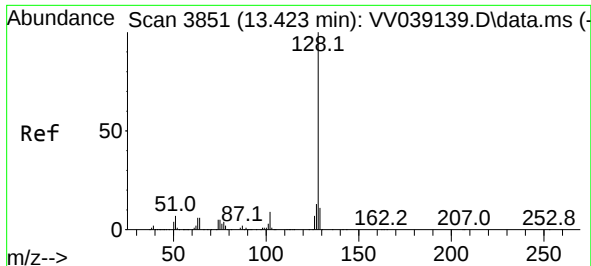
Ion Ratio Lower Upper

225 100

223 66.3 31.6 94.7

227 65.8 31.8 95.4

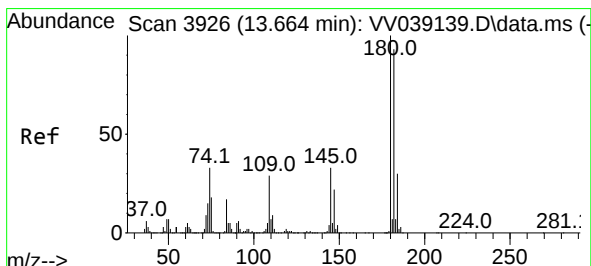
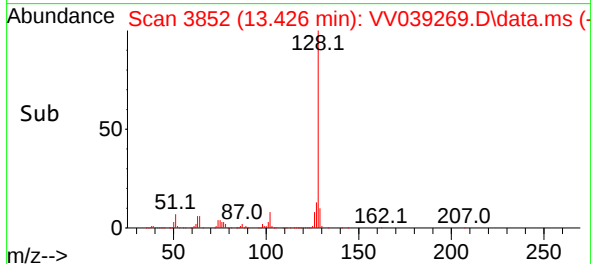
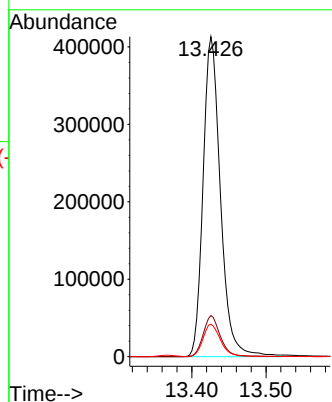
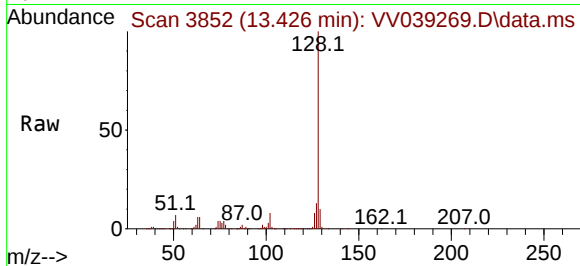




#95
Naphthalene
Concen: 21.124 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBSD01

Tgt Ion:128 Resp: 670956
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.865 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039269.D
Acq: 06 Oct 2025 13:24

Tgt Ion:180 Resp: 209715
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.8
145 33.8 17.0 51.0

