

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039201.D
 Acq On : 26 Sep 2025 10:49
 Operator : SY/MD
 Sample : VV0926WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBS01

Quant Time: Sep 27 02:50:53 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	545170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	871681	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	834845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	490803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	370387	46.942	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.880%
35) Dibromofluoromethane	4.500	113	366158	52.251	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	104.500%
50) Toluene-d8	7.236	98	1033075	50.194	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.380%
62) 4-Bromofluorobenzene	10.002	95	469175	55.374	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	110.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	154039	17.849	ug/l	98
3) Chloromethane	1.227	50	163364	17.633	ug/l	100
4) Vinyl Chloride	1.294	62	185615	18.714	ug/l	99
5) Bromomethane	1.497	94	115593	18.487	ug/l	100
6) Chloroethane	1.561	64	119943	19.255	ug/l	100
7) Trichlorofluoromethane	1.725	101	273170	19.023	ug/l	98
8) Diethyl Ether	1.918	74	99752	18.712	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	160752	18.814	ug/l	97
10) Methyl Iodide	2.198	142	144299	17.735	ug/l	99
11) Tert butyl alcohol	2.568	59	169988	101.934	ug/l	98
12) 1,1-Dichloroethene	2.082	96	158225	19.249	ug/l	92
13) Acrolein	2.008	56	32871	113.596	ug/l	93
14) Allyl chloride	2.356	41	272293	18.545	ug/l	94
15) Acrylonitrile	2.674	53	500998	93.717	ug/l	99
16) Acetone	2.121	43	453436	86.377	ug/l	97
17) Carbon Disulfide	2.253	76	451210	17.949	ug/l	100
18) Methyl Acetate	2.378	43	232213	19.863	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	503956	19.240	ug/l	99
20) Methylene Chloride	2.455	84	182887	19.906	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	167785	19.174	ug/l	97
22) Diisopropyl ether	3.217	45	504159	17.947	ug/l	92
23) Vinyl Acetate	3.188	43	2213428	90.069	ug/l	98
24) 1,1-Dichloroethane	3.118	63	317281	18.469	ug/l	100
25) 2-Butanone	3.870	43	574606	90.944	ug/l	99
26) 2,2-Dichloropropane	3.809	77	251937	16.540	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	180565	18.710	ug/l	98
28) Bromochloromethane	4.146	49	145186	19.144	ug/l	89
29) Tetrahydrofuran	4.240	42	369264	93.372	ug/l	97
30) Chloroform	4.278	83	329719	18.380	ug/l	100
31) Cyclohexane	4.584	56	235441	16.730	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	277050	17.839	ug/l	97
36) 1,1-Dichloropropene	4.744	75	199480	18.828	ug/l	99
37) Ethyl Acetate	3.982	43	227906	17.728	ug/l	98
38) Carbon Tetrachloride	4.732	117	233151	18.006	ug/l	98
39) Methylcyclohexane	6.047	83	217201	16.976	ug/l	98
40) Benzene	5.008	78	654407	18.968	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.163	41	96114	17.814	ug/l	93
42) 1,2-Dichloroethane	5.040	62	223503	18.489	ug/l	98
43) Isopropyl Acetate	5.195	43	327971	18.710	ug/l	98
44) Trichloroethene	5.831	130	160144	20.116	ug/l	97
45) 1,2-Dichloropropane	6.092	63	168622	19.664	ug/l	98
46) Dibromomethane	6.227	93	126156	19.221	ug/l	97
47) Bromodichloromethane	6.426	83	256722	18.920	ug/l	99
48) Methyl methacrylate	6.301	41	142959	17.992	ug/l	96
49) 1,4-Dioxane	6.297	88	51154	398.926	ug/l	96
51) 4-Methyl-2-Pentanone	7.150	43	1165241	101.045	ug/l	98
52) Toluene	7.307	92	405246	20.259	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	237200	20.059	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	269902	20.676	ug/l	95
55) 1,1,2-Trichloroethane	7.760	97	173521	19.346	ug/l	98
56) Ethyl methacrylate	7.719	69	205595	19.302	ug/l	96
57) 1,3-Dichloropropane	7.934	76	270929	19.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	497770	89.200	ug/l	100
59) 2-Hexanone	8.066	43	847553	92.530	ug/l	99
60) Dibromochloromethane	8.169	129	199559	19.526	ug/l	98
61) 1,2-Dibromoethane	8.275	107	185266	20.197	ug/l	98
64) Tetrachloroethene	7.895	164	136377	19.503	ug/l	98
65) Chlorobenzene	8.805	112	448775	19.299	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	161669	19.241	ug/l	99
67) Ethyl Benzene	8.937	91	683210	19.409	ug/l	99
68) m/p-Xylenes	9.063	106	568444	41.841	ug/l	98
69) o-Xylene	9.468	106	243305	20.226	ug/l	97
70) Styrene	9.487	104	454259	18.755	ug/l	99
71) Bromoform	9.654	173	133666	20.366	ug/l	99
73) Isopropylbenzene	9.857	105	676001	18.990	ug/l	99
74) N-amyl acetate	9.725	43	273330	19.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	283007	18.144	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	205329	18.374	ug/l	99
77) Bromobenzene	10.140	156	182007	19.707	ug/l	96
78) n-propylbenzene	10.278	91	822195	18.966	ug/l	98
79) 2-Chlorotoluene	10.349	91	515642	19.879	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	577612	19.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	86829	18.654	ug/l	99
82) 4-Chlorotoluene	10.464	91	607661	20.203	ug/l	100
83) tert-Butylbenzene	10.789	119	532209	18.038	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	559808	19.488	ug/l	99
85) sec-Butylbenzene	11.011	105	691659	17.674	ug/l	100
86) p-Isopropyltoluene	11.169	119	589760	18.107	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	358060	19.156	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	375372	18.305	ug/l	98
89) n-Butylbenzene	11.580	91	539925	17.357	ug/l	99
90) Hexachloroethane	11.818	117	129925	16.198	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	329507	18.868	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	59548	21.458	ug/l	97
93) 1,2,4-Trichlorobenzene	13.188	180	183040	18.284	ug/l	99
94) Hexachlorobutadiene	13.371	225	79764	15.334	ug/l	98
95) Naphthalene	13.426	128	602556	18.623	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	188633	18.424	ug/l	99

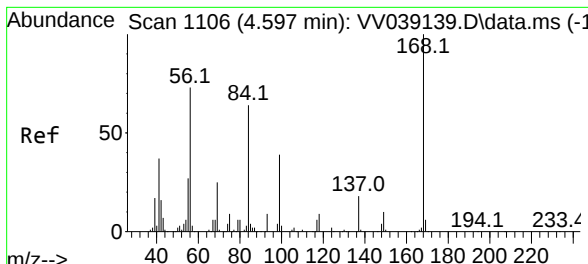
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Quant Title : SW846 8260
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Response via : Initial Calibration

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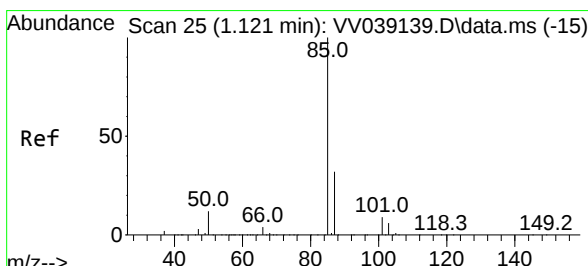
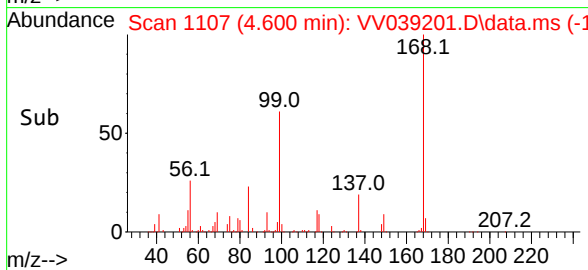
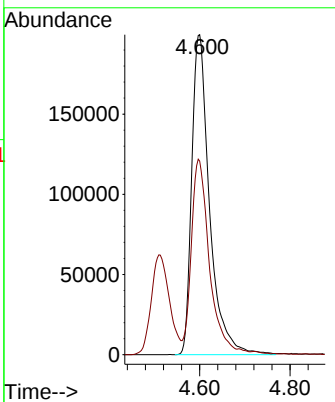
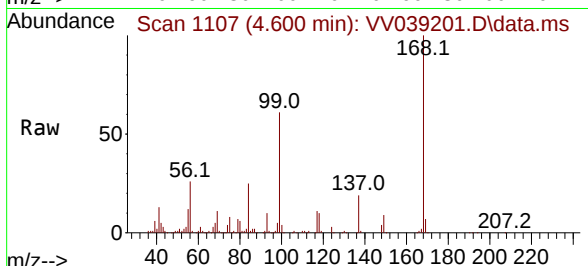
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.600 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV039201.D
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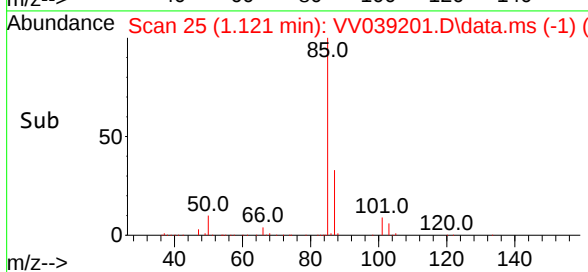
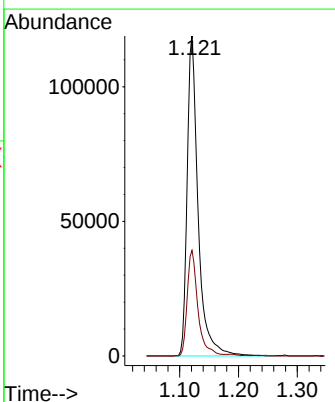
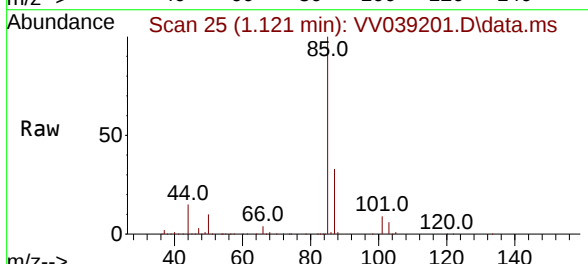
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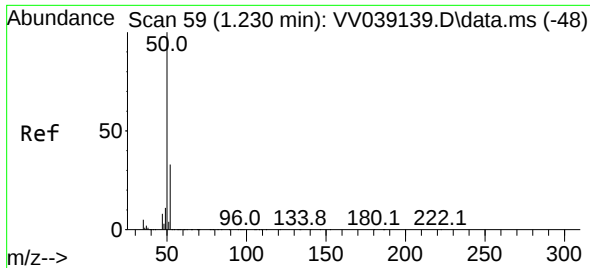
Tgt Ion:168 Resp: 545170
 Ion Ratio Lower Upper
 168 100
 99 60.1 49.6 74.4



#2
 Dichlorodifluoromethane
 Concen: 17.849 ug/l
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 85 Resp: 154039
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.0 47.9

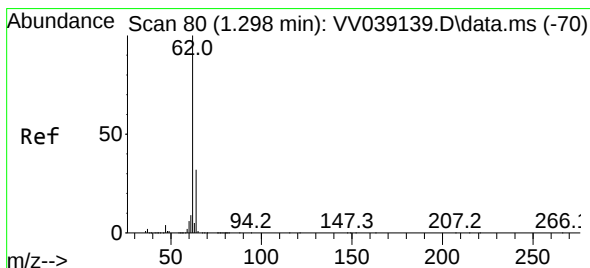
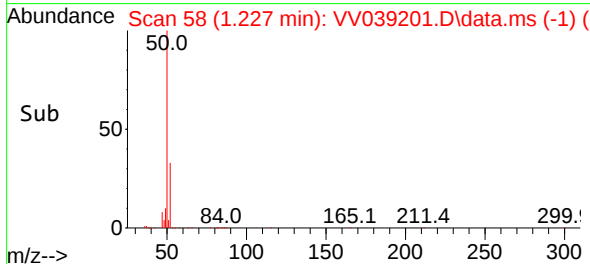
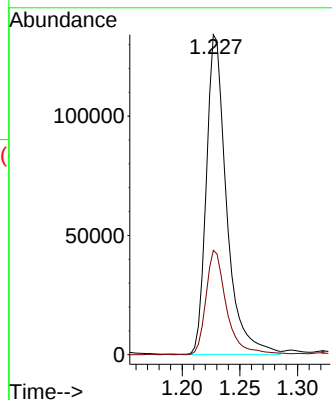
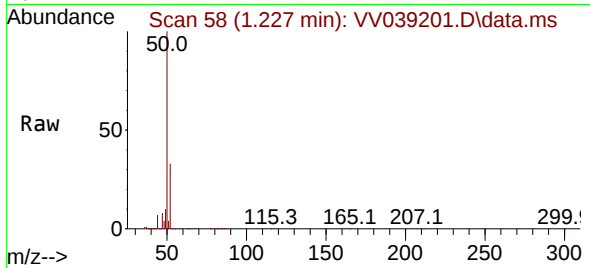




#3
Chloromethane
Concen: 17.633 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

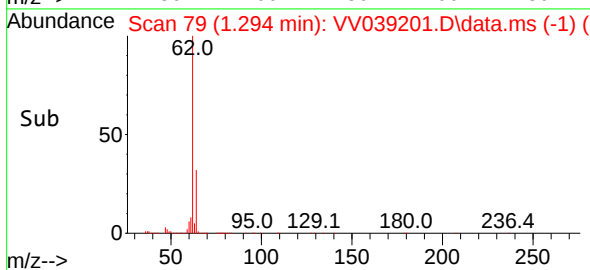
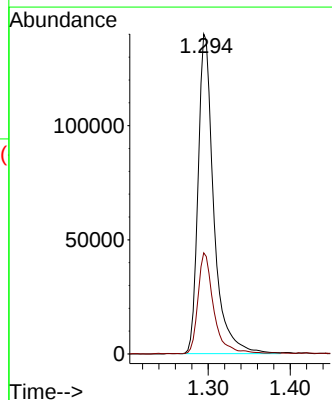
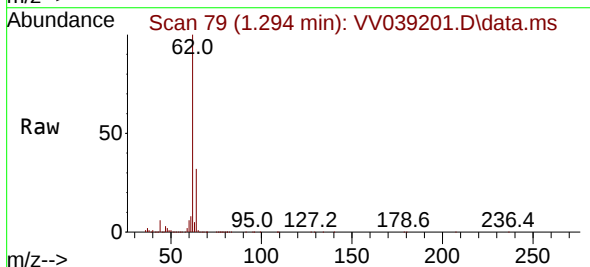
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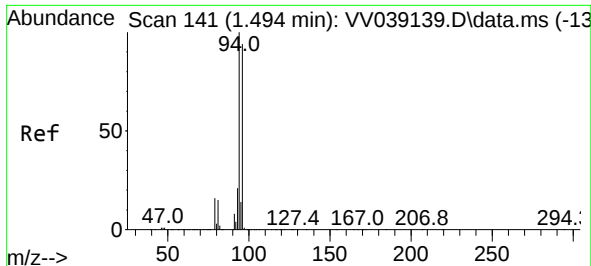
Tgt Ion: 50 Resp: 163364
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 18.714 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 62 Resp: 185615
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

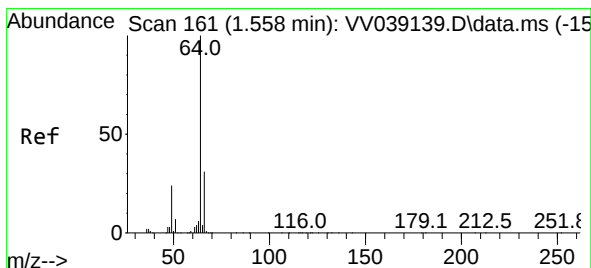
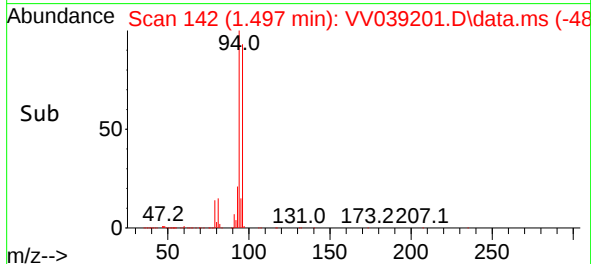
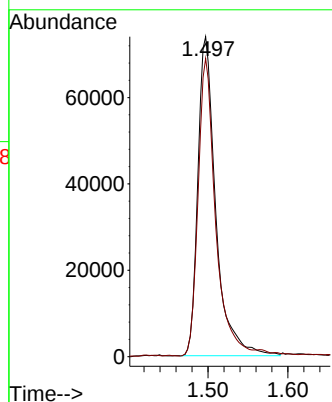
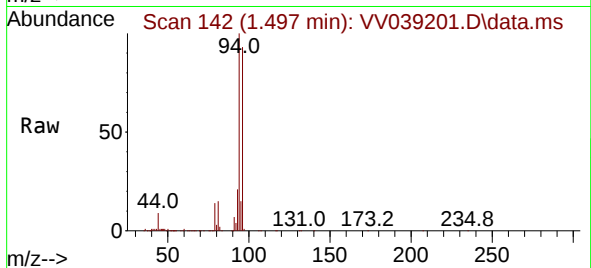




#5
Bromomethane
Concen: 18.487 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

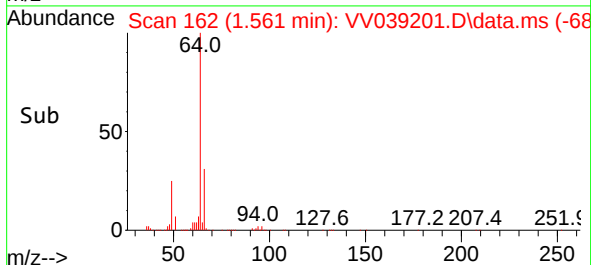
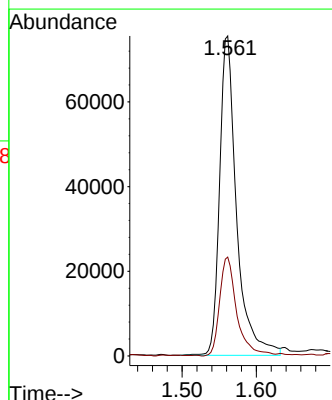
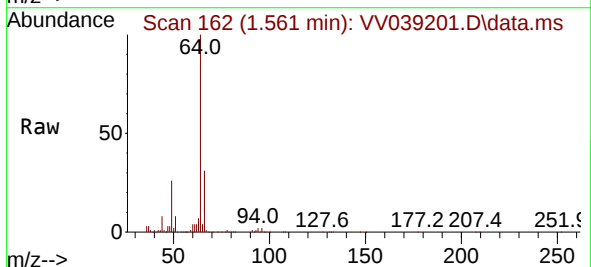
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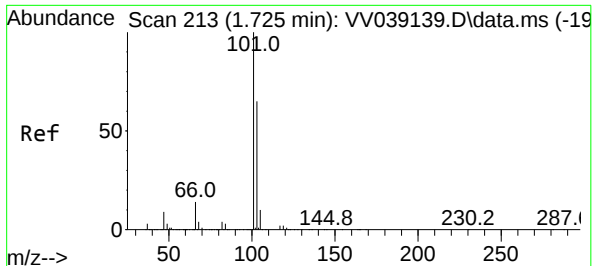
Tgt Ion: 94 Resp: 115593
Ion Ratio Lower Upper
94 100
96 93.3 74.9 112.3



#6
Chloroethane
Concen: 19.255 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 64 Resp: 119943
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

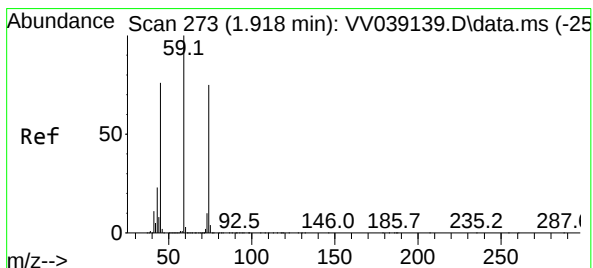
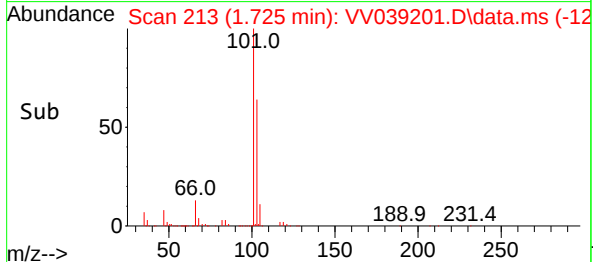
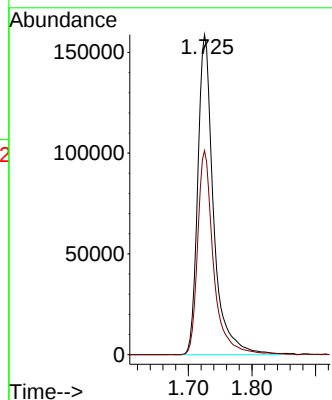
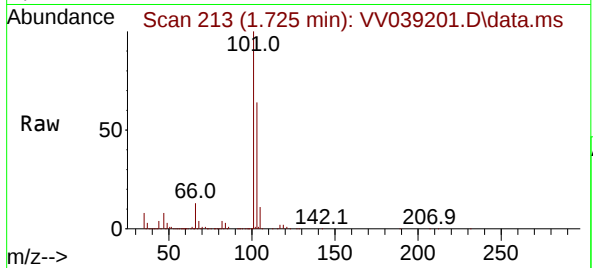




#7
Trichlorofluoromethane
Concen: 19.023 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

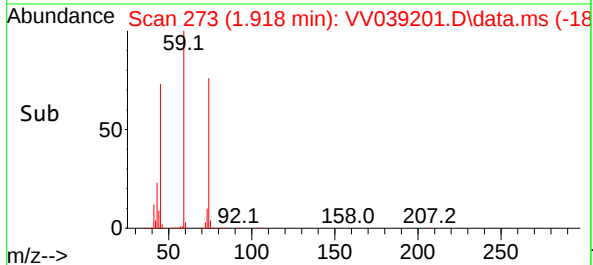
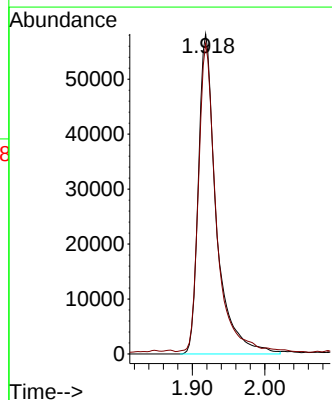
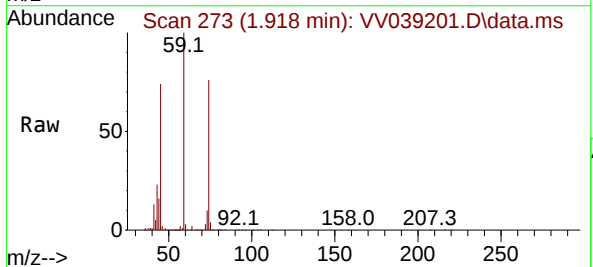
Instrument :
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ClientSampleId :
VV0926WBS01

Tgt Ion:101 Resp: 273170
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0



#8
Diethyl Ether
Concen: 18.712 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 74 Resp: 99752
Ion Ratio Lower Upper
74 100
45 93.9 49.6 148.8

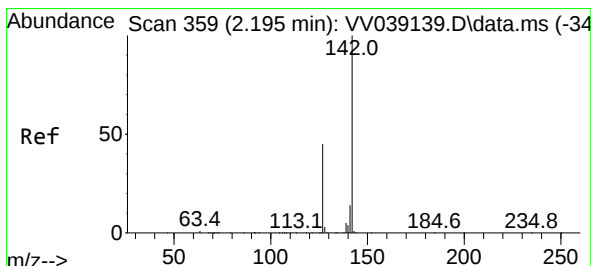
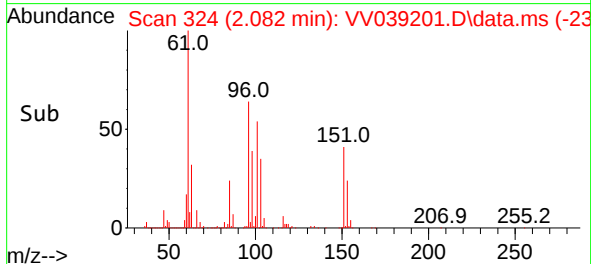
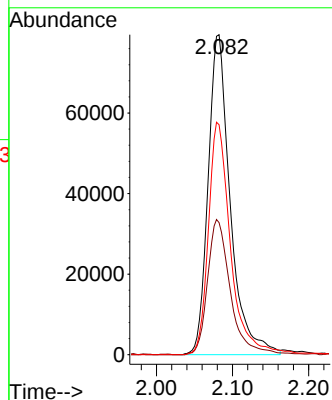
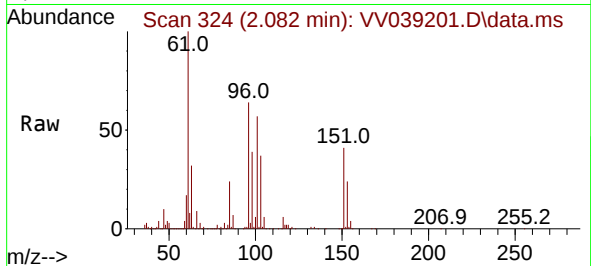




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.814 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039201.D
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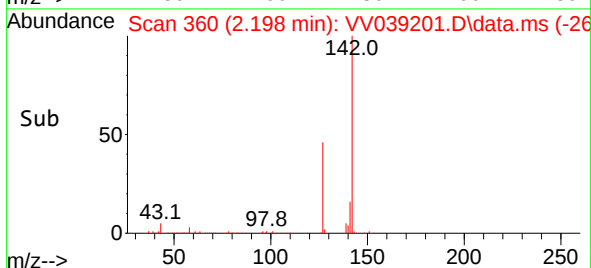
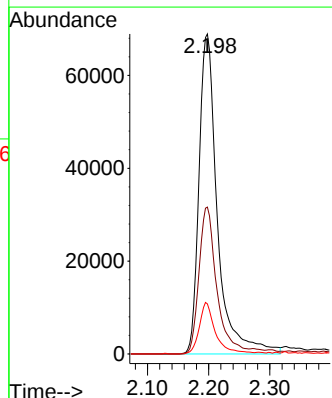
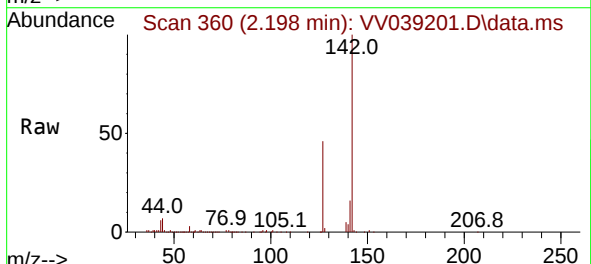
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MSVOA_V
ClientSampleId :
VV0926WBS01

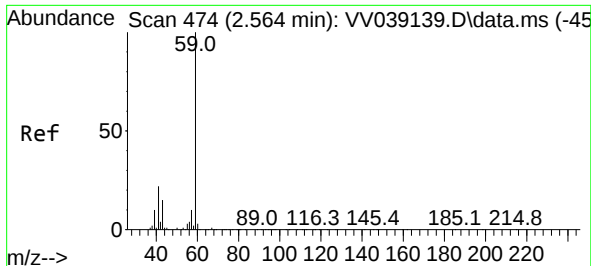
Tgt Ion:101 Resp: 160752
Ion Ratio Lower Upper
101 100
85 43.7 36.2 54.2
151 72.7 56.3 84.5



#10
Methyl Iodide
Concen: 17.735 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:142 Resp: 144299
Ion Ratio Lower Upper
142 100
127 44.2 36.3 54.5
141 14.2 11.2 16.8

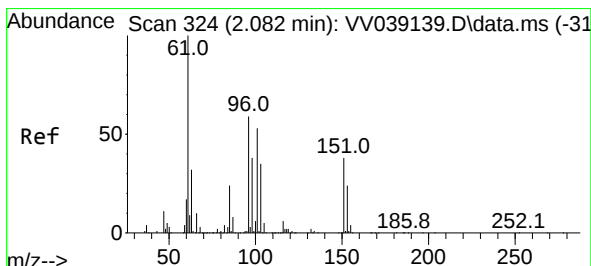
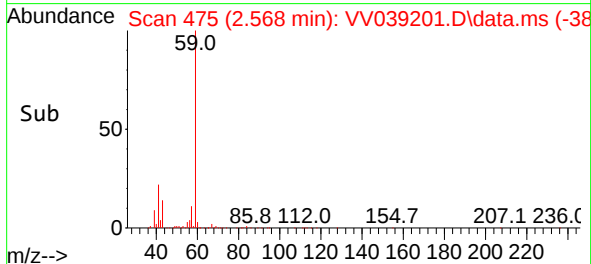
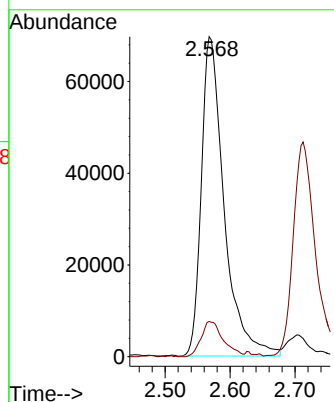
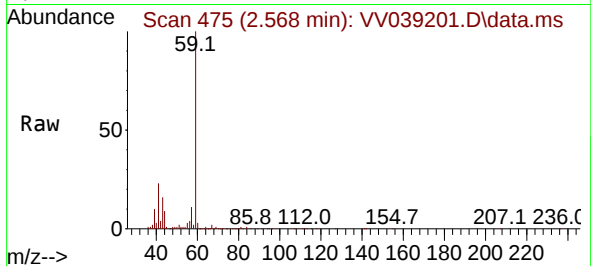




#11
Tert butyl alcohol
Concen: 101.934 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

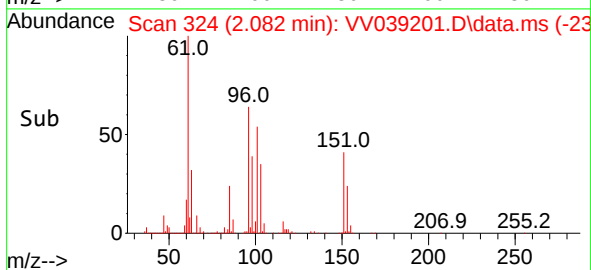
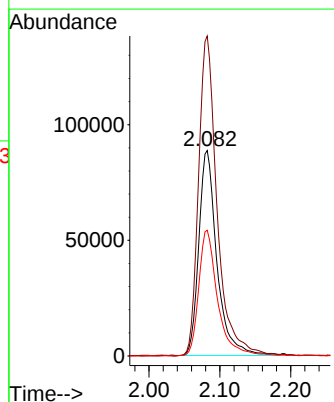
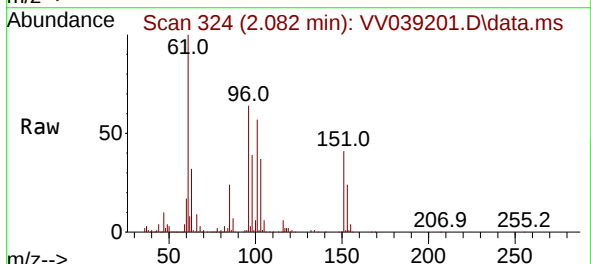
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

Tgt Ion: 59 Resp: 169988
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.249 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 96 Resp: 158225
Ion Ratio Lower Upper
96 100
61 155.8 136.0 204.0
98 61.1 51.0 76.6

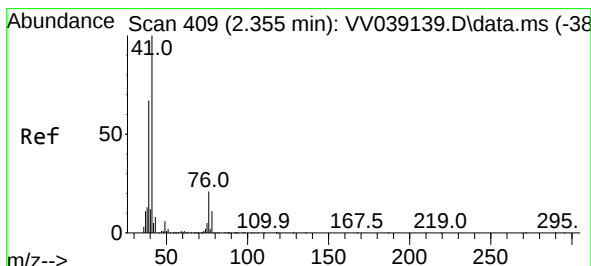
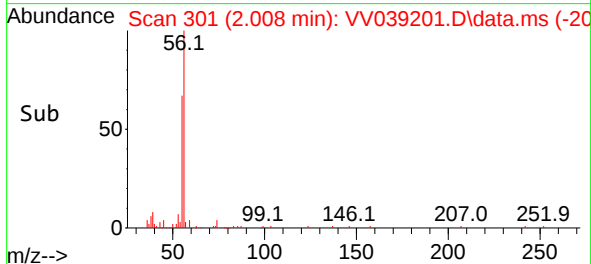
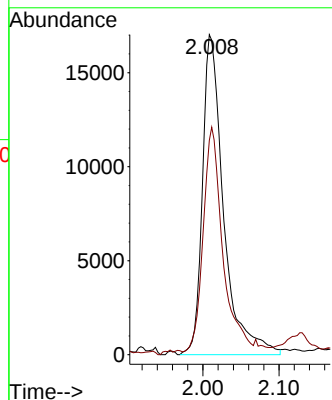
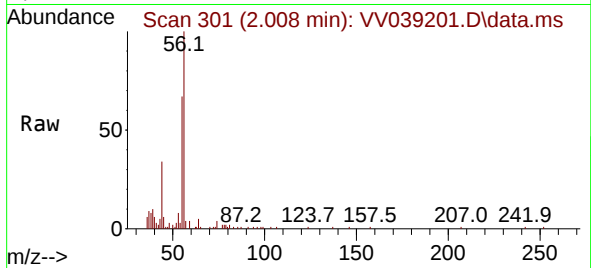




#13
Acrolein
Concen: 113.596 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

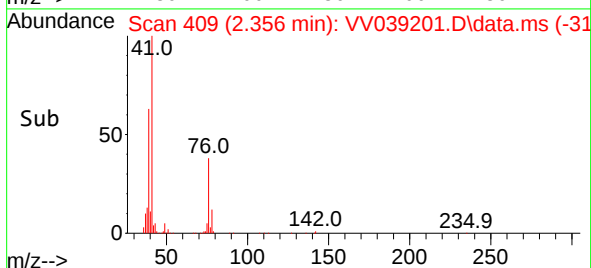
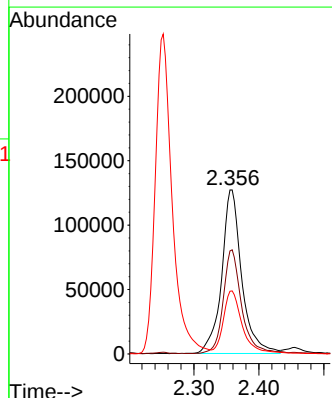
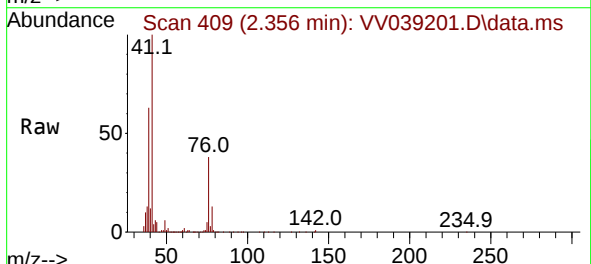
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

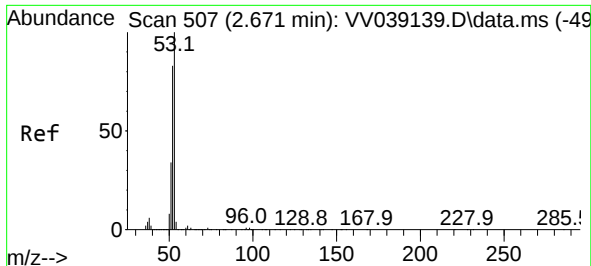
Tgt Ion: 56 Resp: 32871
Ion Ratio Lower Upper
56 100
55 64.6 56.2 84.4



#14
Allyl chloride
Concen: 18.545 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 41 Resp: 272293
Ion Ratio Lower Upper
41 100
39 58.1 51.0 76.6
76 36.7 28.2 42.4

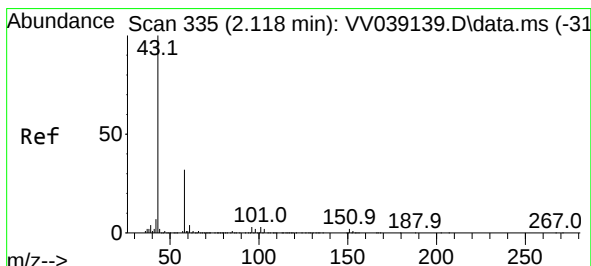
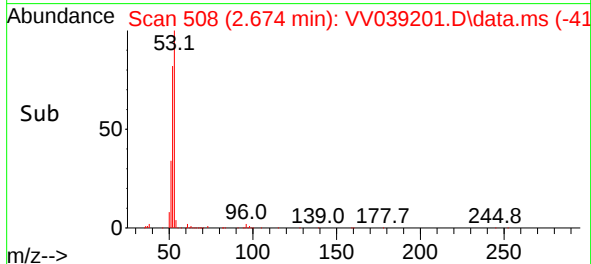
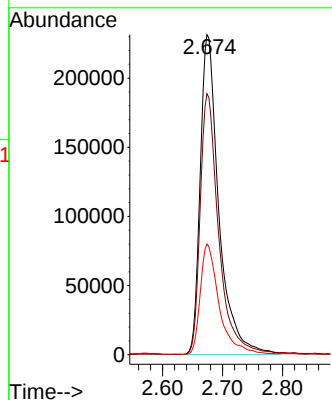
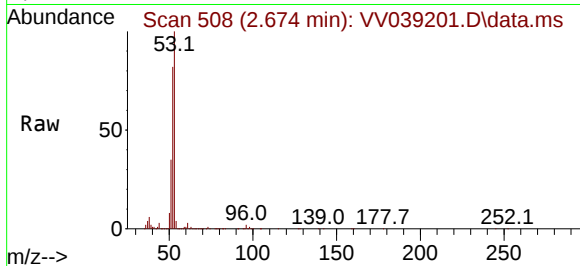




#15
Acrylonitrile
Concen: 93.717 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

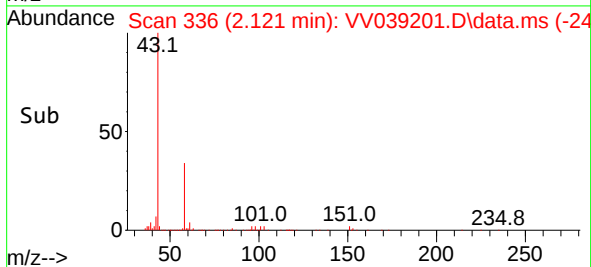
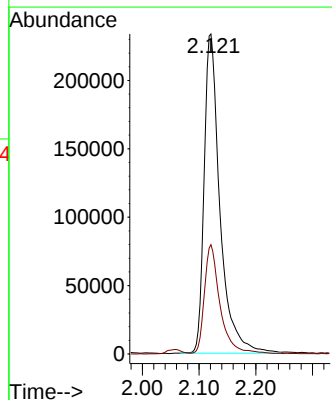
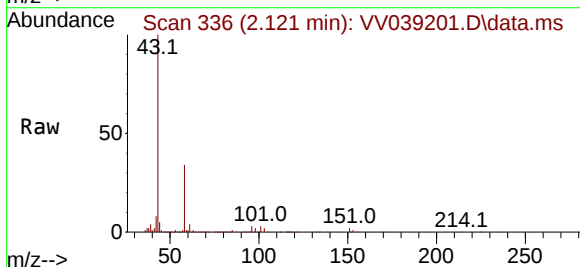
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

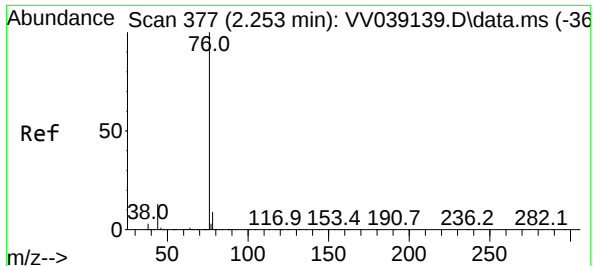
Tgt Ion: 53 Resp: 500998
Ion Ratio Lower Upper
53 100
52 81.0 66.1 99.1
51 35.1 28.5 42.7



#16
Acetone
Concen: 86.377 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 43 Resp: 453436
Ion Ratio Lower Upper
43 100
58 34.0 25.8 38.6

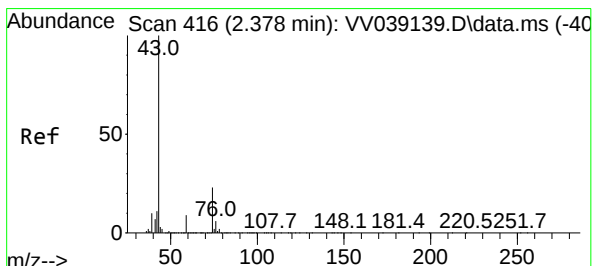
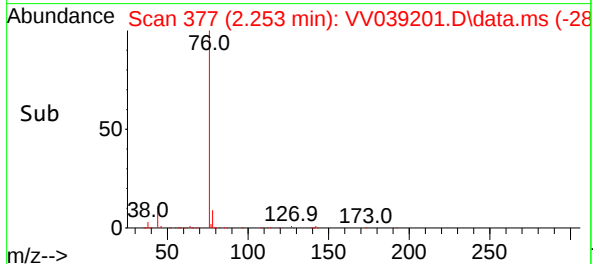
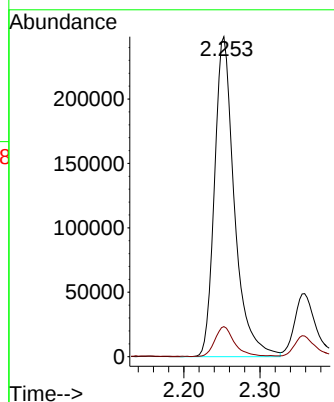
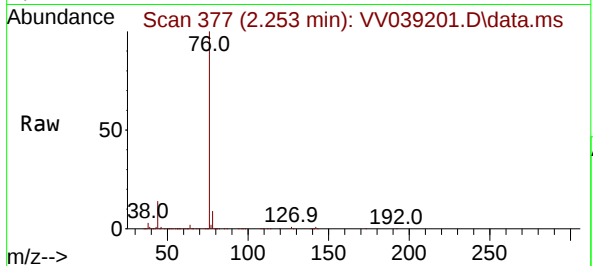




#17
Carbon Disulfide
Concen: 17.949 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

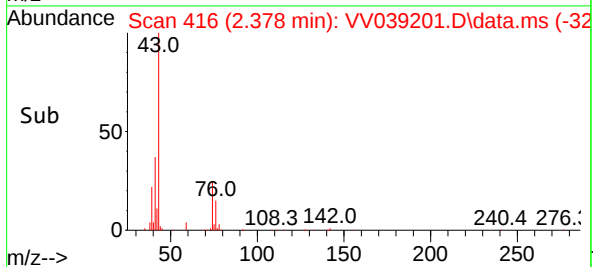
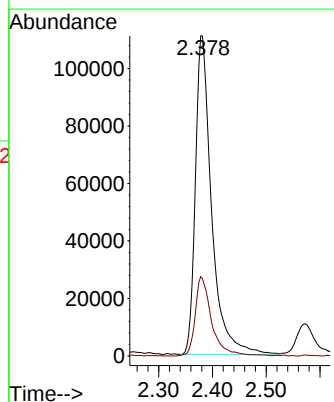
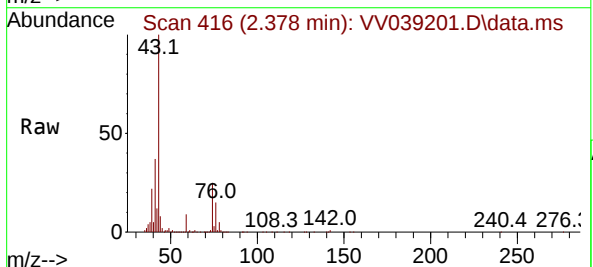
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

Tgt Ion: 76 Resp: 451210
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 19.863 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 43 Resp: 232213
Ion Ratio Lower Upper
43 100
74 25.2 18.6 27.8

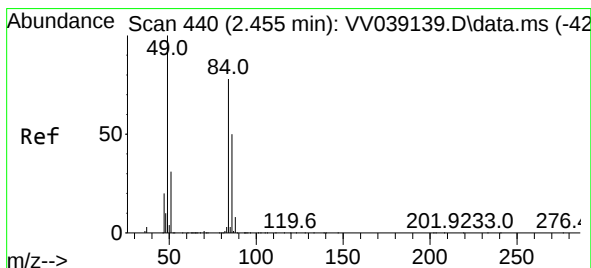
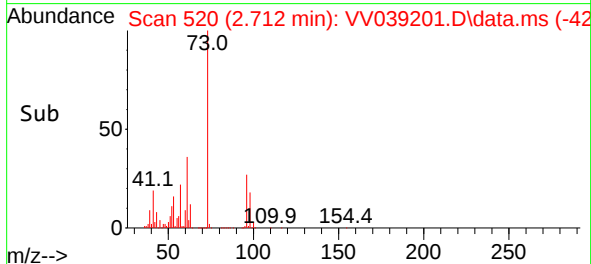
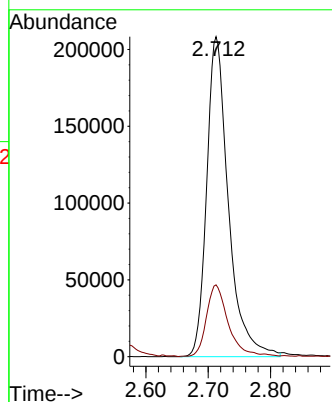
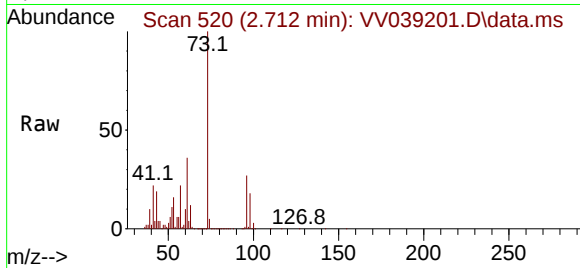




#19
Methyl tert-butyl Ether
Concen: 19.240 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

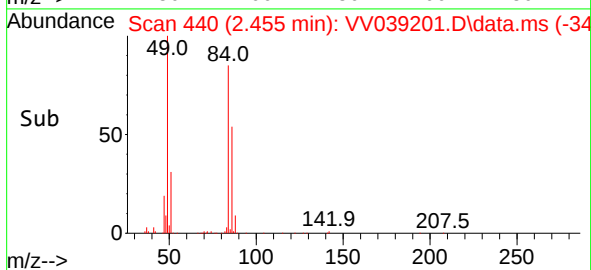
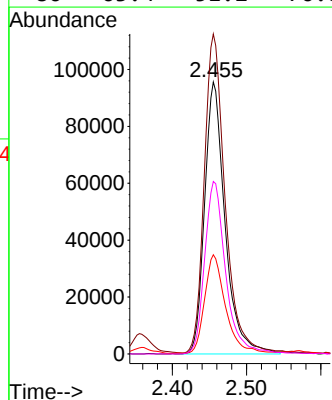
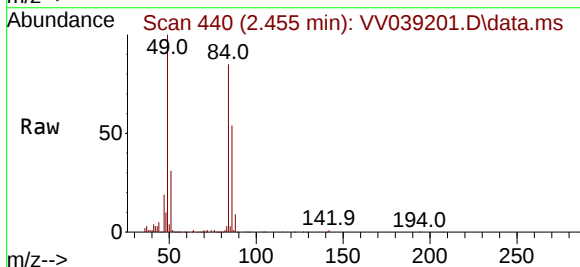
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

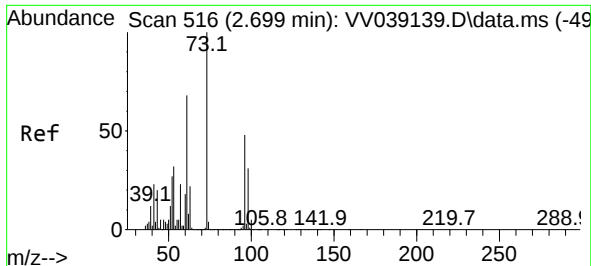
Tgt Ion: 73 Resp: 503956
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 19.906 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 84 Resp: 182887
Ion Ratio Lower Upper
84 100
49 117.2 102.8 154.2
51 36.2 31.9 47.9
86 63.4 51.2 76.8

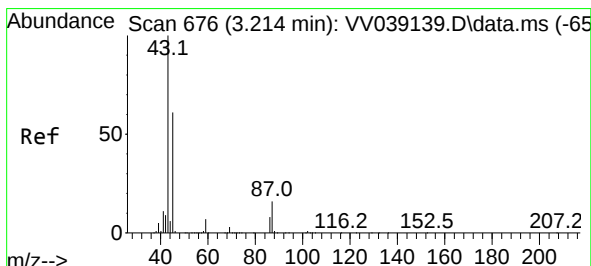
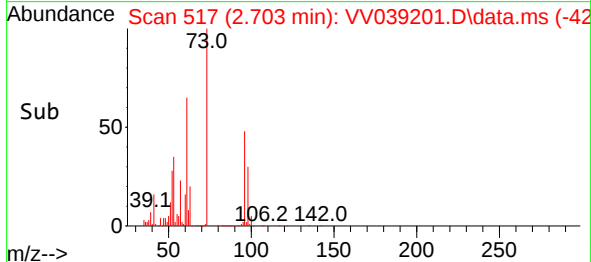
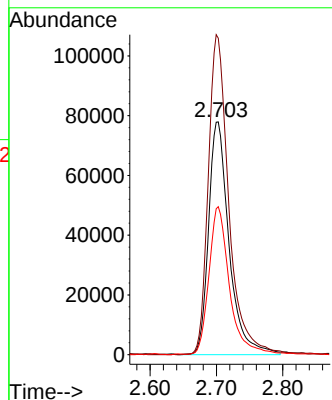
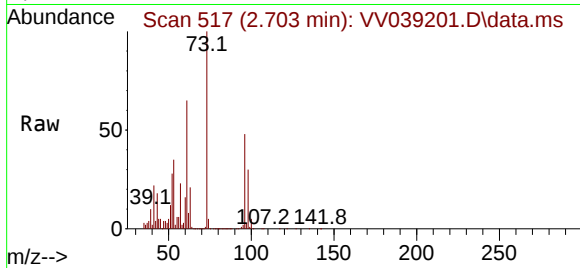




#21
trans-1,2-Dichloroethene
Concen: 19.174 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

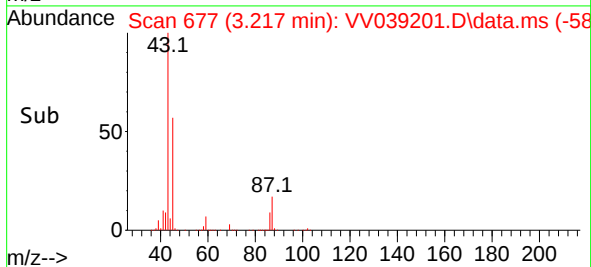
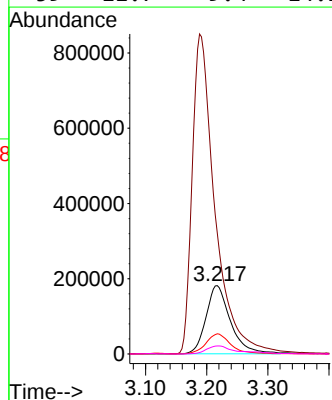
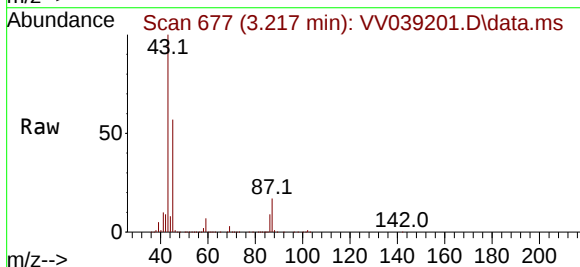
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

Tgt Ion: 96 Resp: 167785
Ion Ratio Lower Upper
96 100
61 136.0 112.8 169.2
98 63.3 51.1 76.7



#22
Diisopropyl ether
Concen: 17.947 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 45 Resp: 504159
Ion Ratio Lower Upper
45 100
43 174.8 130.9 196.3
87 29.3 21.1 31.7
59 11.7 9.4 14.2

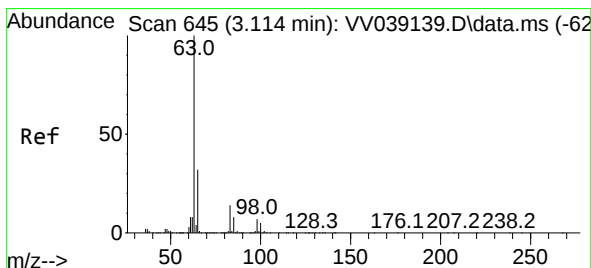
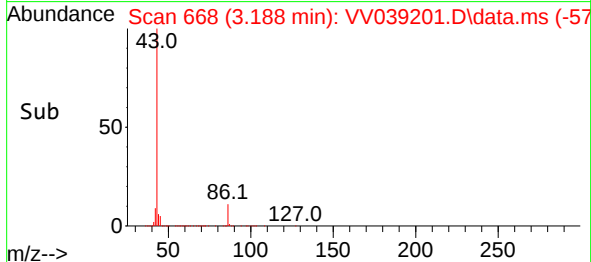
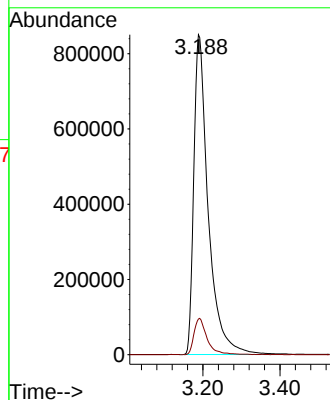
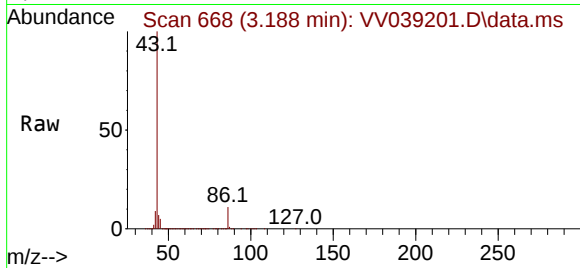




#23
 Vinyl Acetate
 Concen: 90.069 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

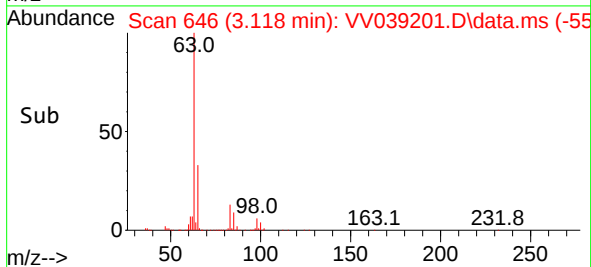
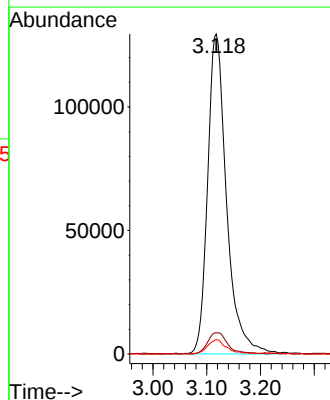
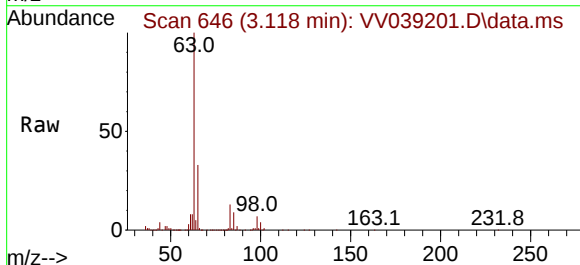
Instrument :
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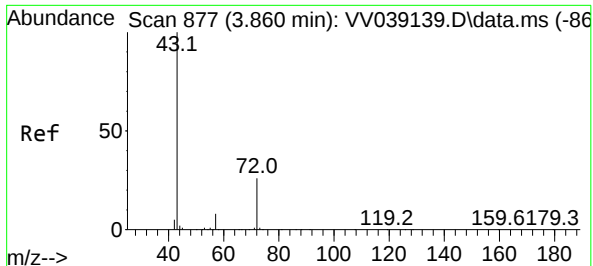
Tgt Ion: 43 Resp: 2213428
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.469 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 63 Resp: 317281
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.4 2.2 6.6

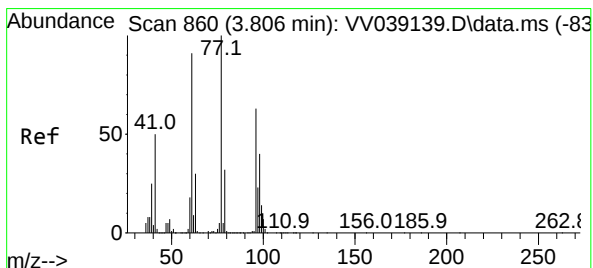
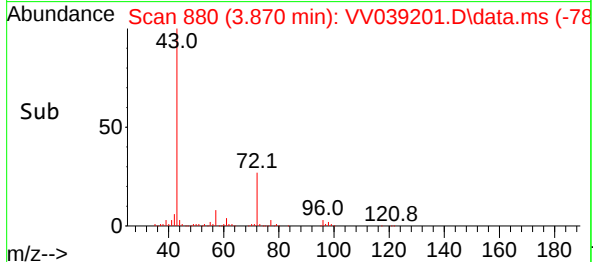
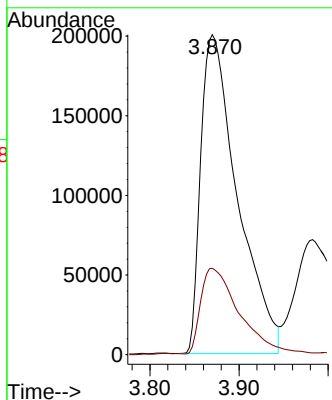
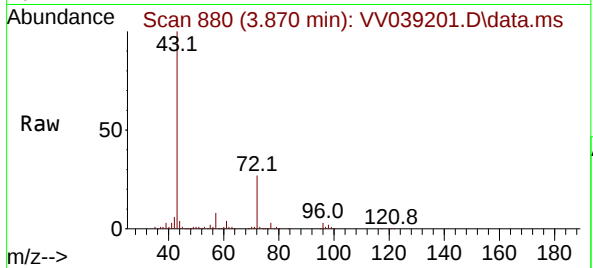




#25
2-Butanone
Concen: 90.944 ug/l
RT: 3.870 min Scan# 877
Delta R.T. 0.010 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

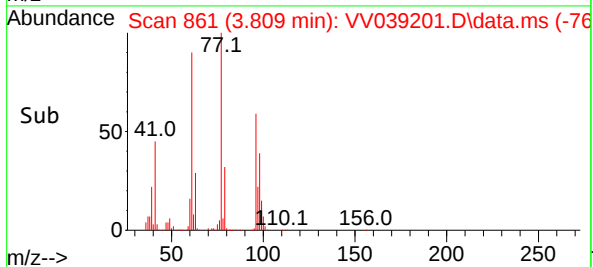
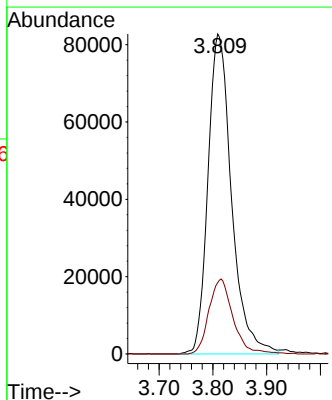
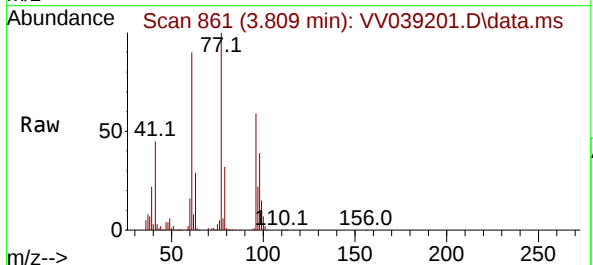
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

Tgt Ion: 43 Resp: 574606
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.540 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 77 Resp: 251937
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7

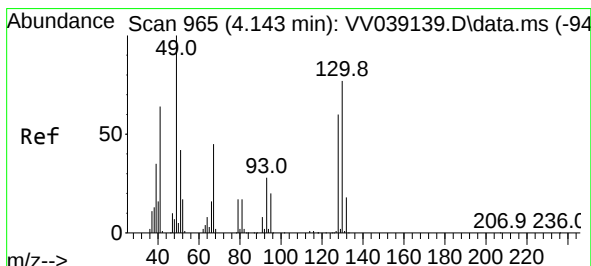
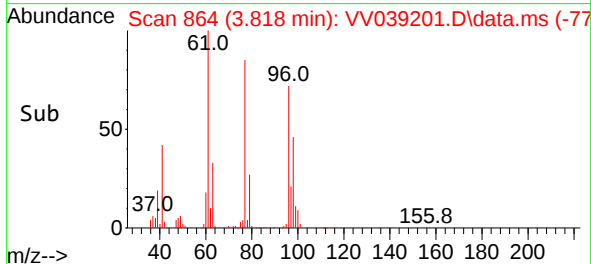
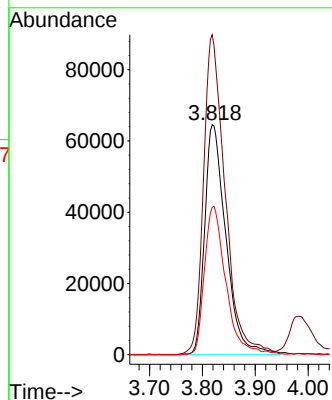
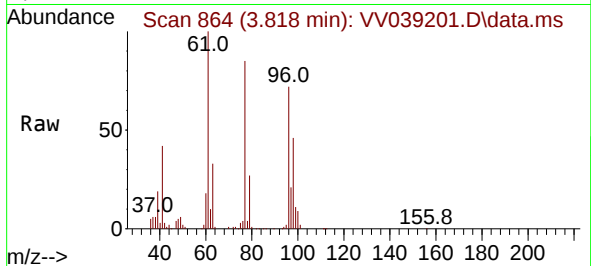




#27
 cis-1,2-Dichloroethene
 Concen: 18.710 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

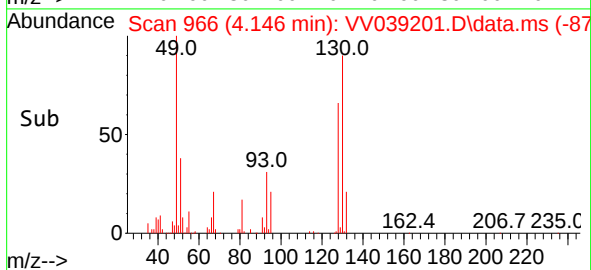
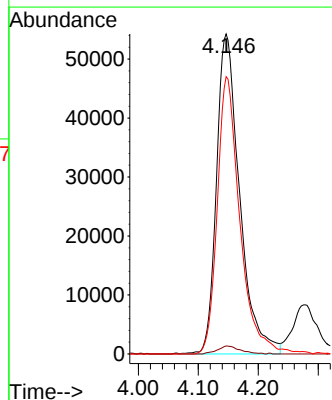
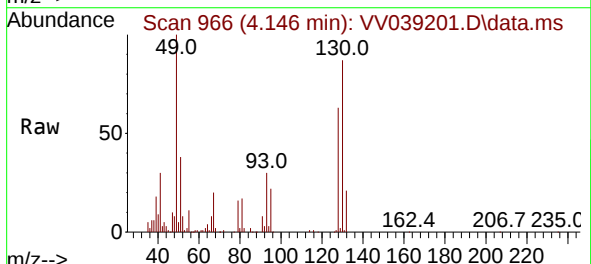
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBS01

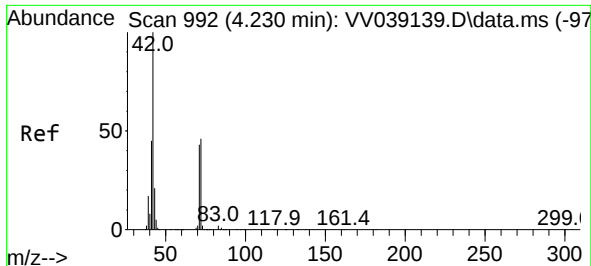
Tgt Ion: 96 Resp: 180565
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 286.4
 98 64.0 0.0 126.6



#28
 Bromochloromethane
 Concen: 19.144 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 49 Resp: 145186
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 84.7 60.2 90.2





#29

Tetrahydrofuran

Concen: 93.372 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

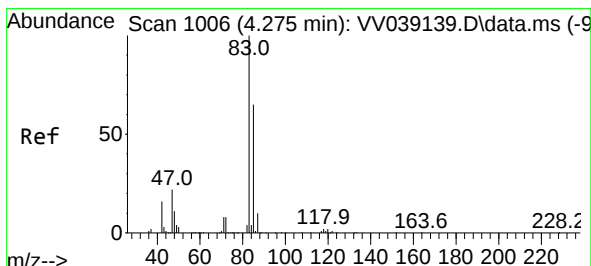
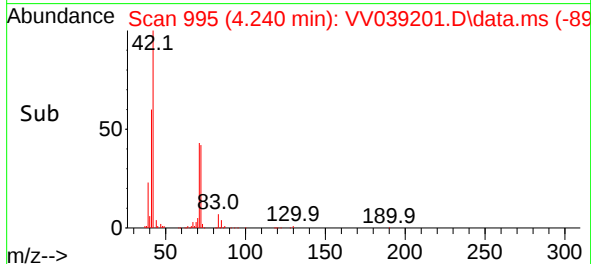
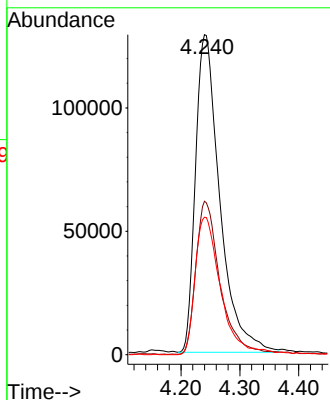
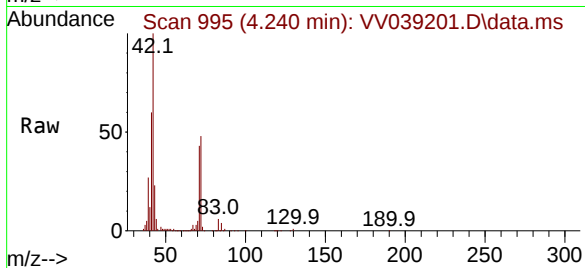
Tgt Ion: 42 Resp: 369264

Ion Ratio Lower Upper

42 100

72 48.1 36.3 54.5

71 44.6 34.3 51.5



#30

Chloroform

Concen: 18.380 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039201.D

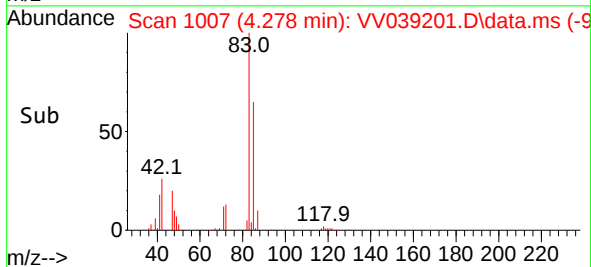
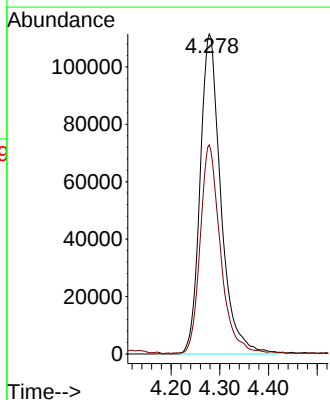
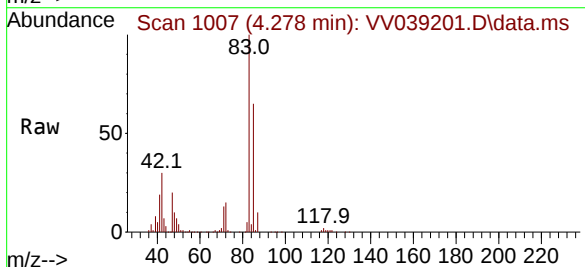
Acq: 26 Sep 2025 10:49

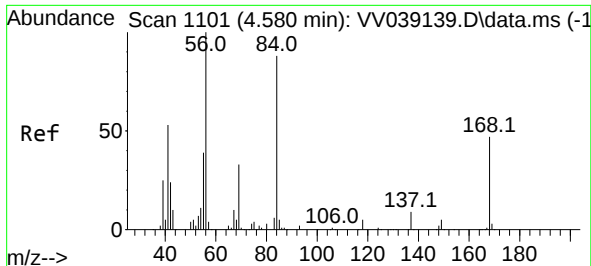
Tgt Ion: 83 Resp: 329719

Ion Ratio Lower Upper

83 100

85 65.0 52.1 78.1

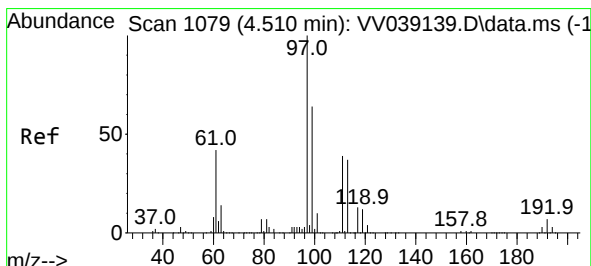
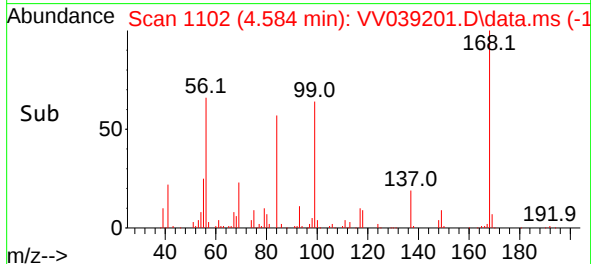
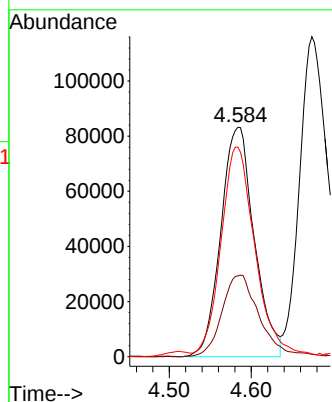
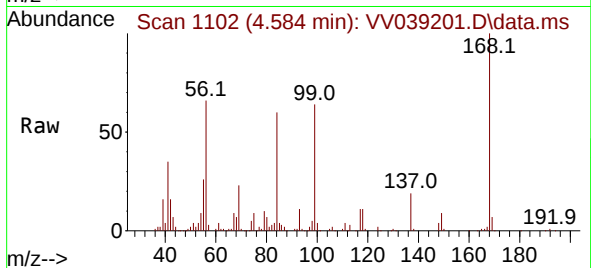




#31
Cyclohexane
Concen: 16.730 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

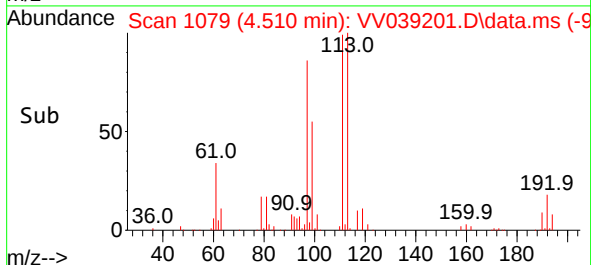
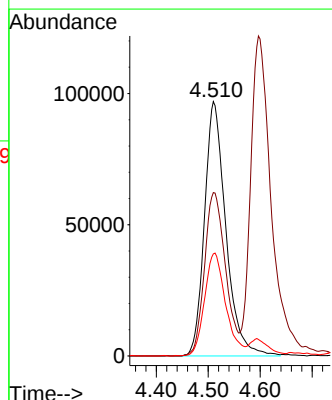
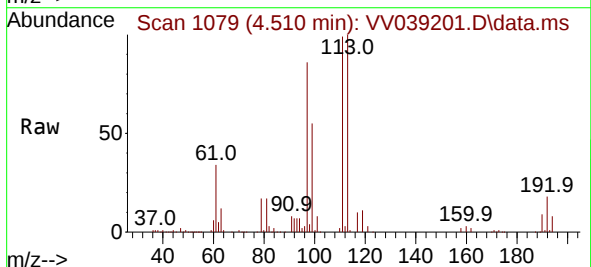
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

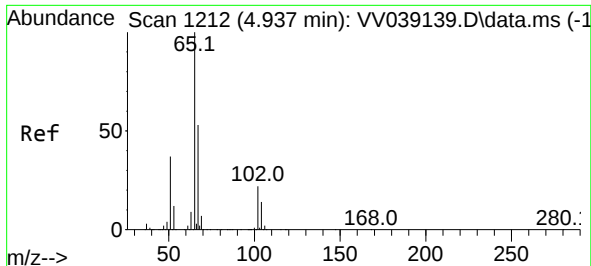
Tgt Ion: 56 Resp: 235441
Ion Ratio Lower Upper
56 100
69 35.2 26.2 39.2
84 89.0 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 17.839 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 97 Resp: 277050
Ion Ratio Lower Upper
97 100
99 62.7 49.6 74.4
61 39.8 34.5 51.7

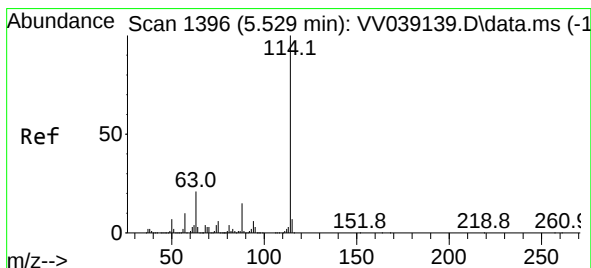
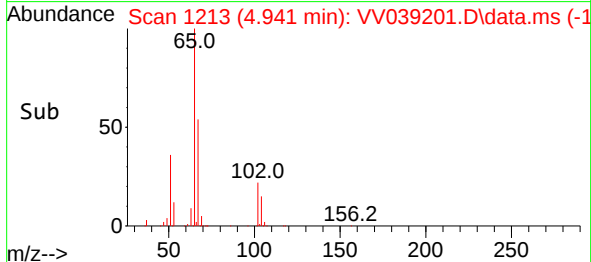
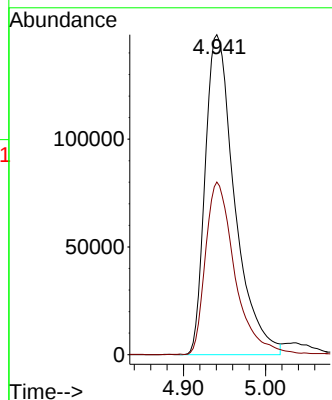
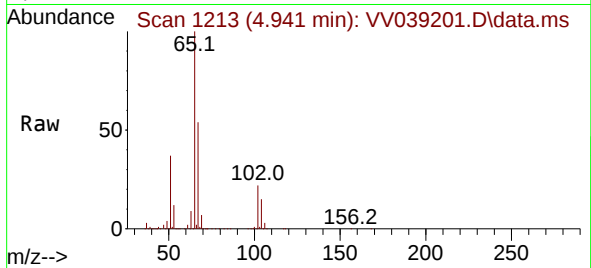




#33
 1,2-Dichloroethane-d4
 Concen: 46.942 ug/l
 RT: 4.941 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

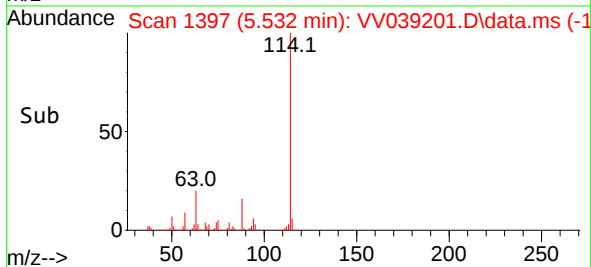
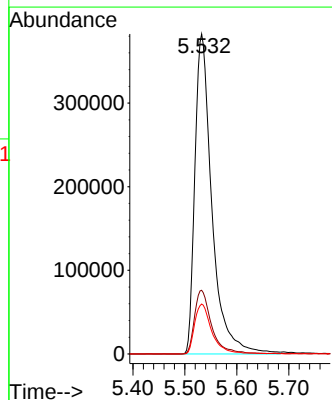
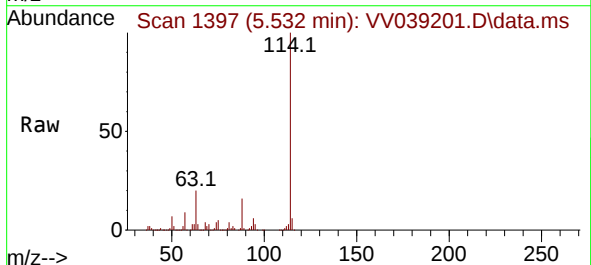
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBS01

Tgt Ion: 65 Resp: 370387
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 114 Resp: 871681
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.6 0.0 30.8

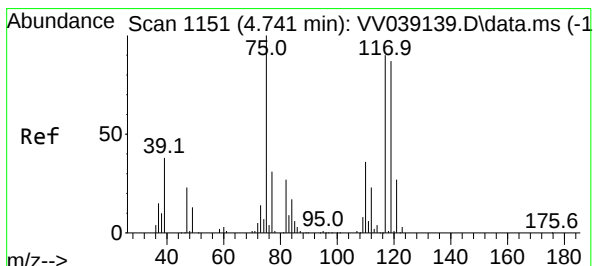
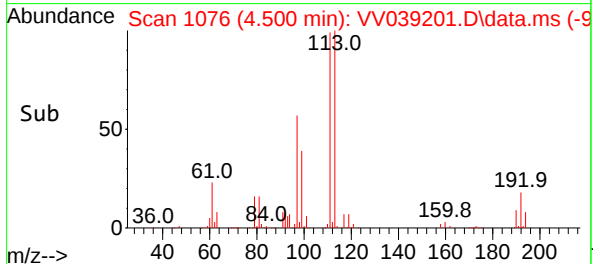
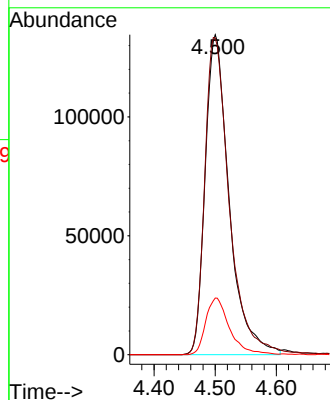
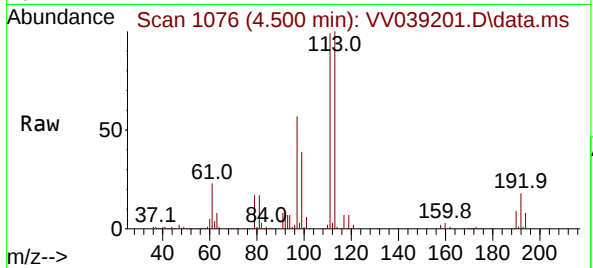




#35
 Dibromofluoromethane
 Concen: 52.251 ug/l
 RT: 4.500 min Scan# 1113
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

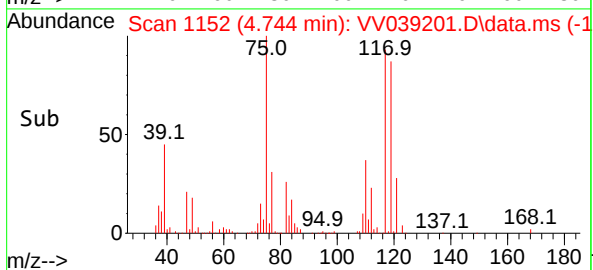
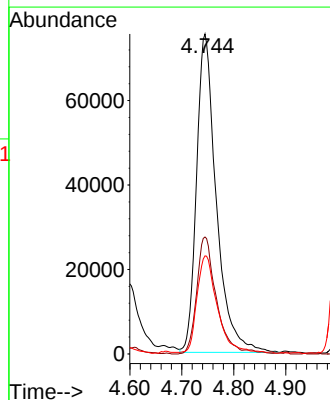
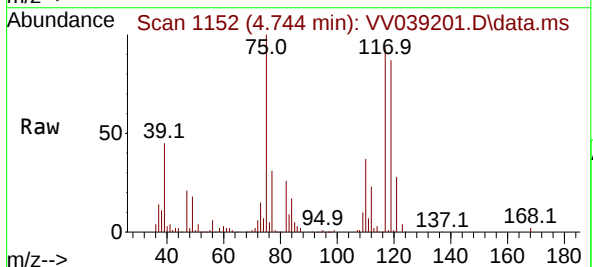
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBS01

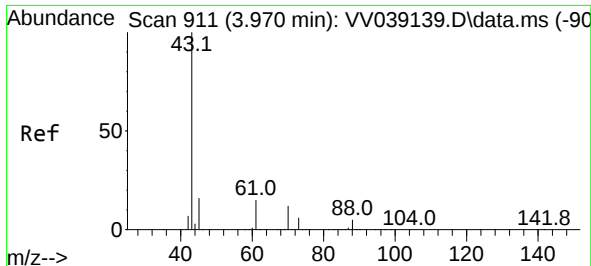
Tgt Ion:113 Resp: 366158
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 17.6 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 18.828 ug/l
 RT: 4.744 min Scan# 1152
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 75 Resp: 199480
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.1 54.1
 77 30.4 24.8 37.2

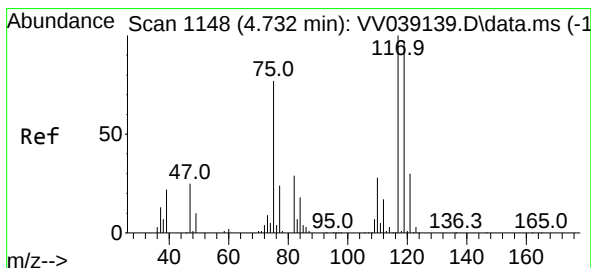
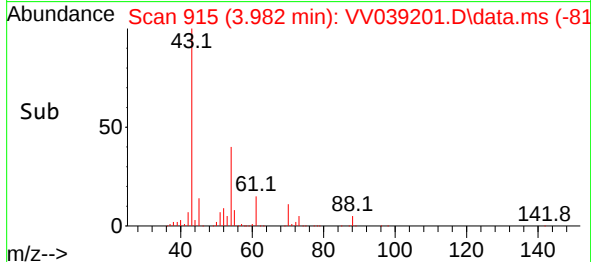
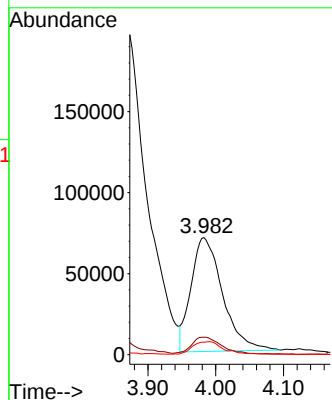
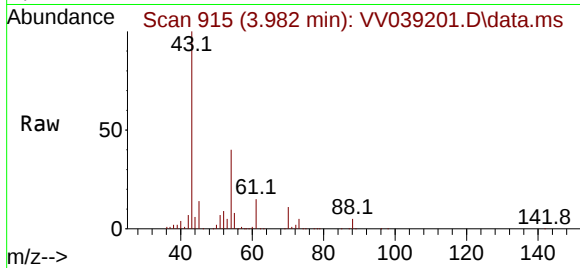




#37
Ethyl Acetate
Concen: 17.728 ug/l
RT: 3.982 min Scan# 911
Delta R.T. 0.012 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

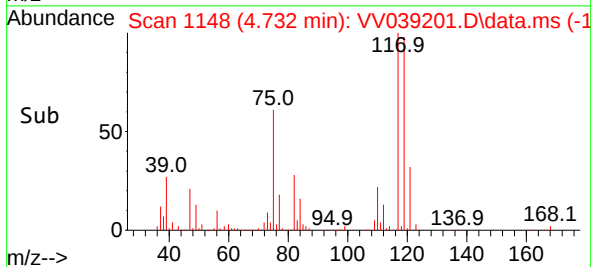
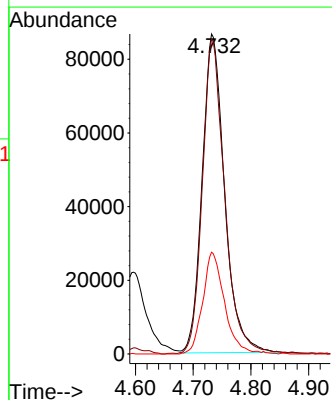
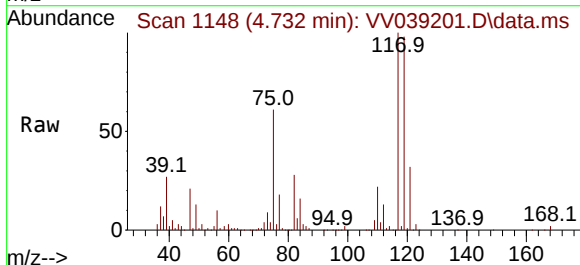
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

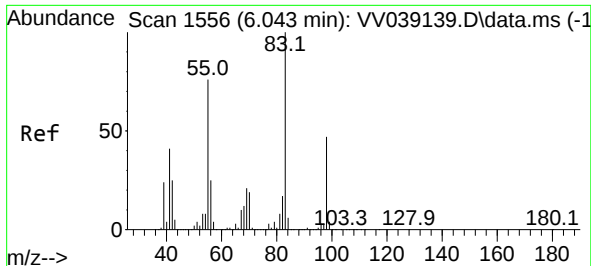
Tgt Ion: 43 Resp: 227906
Ion Ratio Lower Upper
43 100
61 13.8 10.3 15.5
70 10.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 18.006 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 117 Resp: 233151
Ion Ratio Lower Upper
117 100
119 98.5 77.2 115.8
121 32.0 24.2 36.2





#39

Methylcyclohexane

Concen: 16.976 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

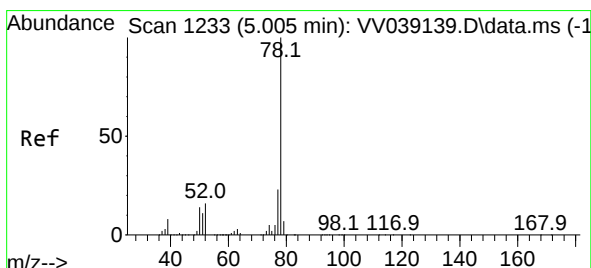
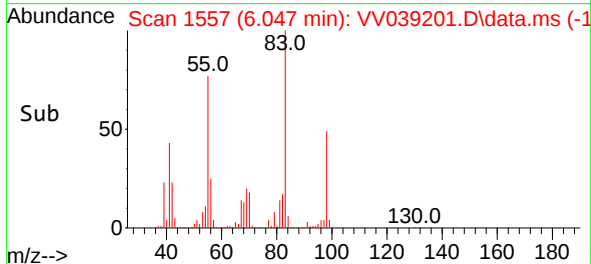
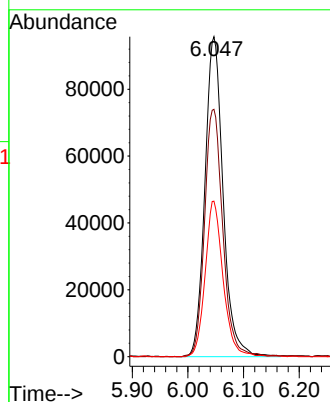
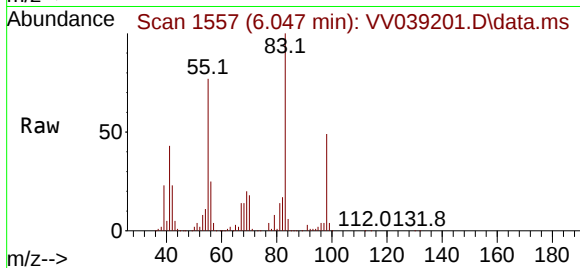
Tgt Ion: 83 Resp: 217201

Ion Ratio Lower Upper

83 100

55 77.3 60.5 90.7

98 48.6 37.8 56.6



#40

Benzene

Concen: 18.968 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039201.D

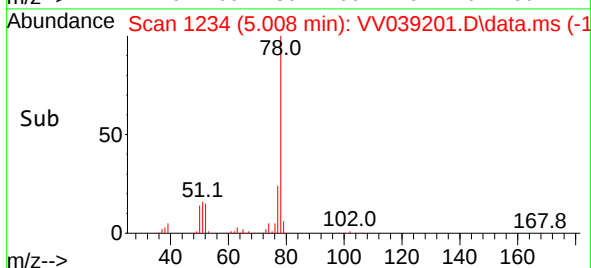
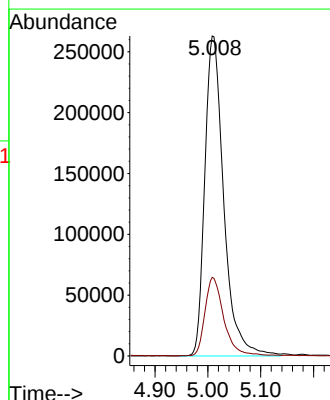
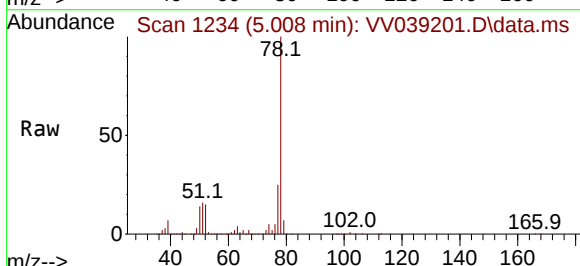
Acq: 26 Sep 2025 10:49

Tgt Ion: 78 Resp: 654407

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1

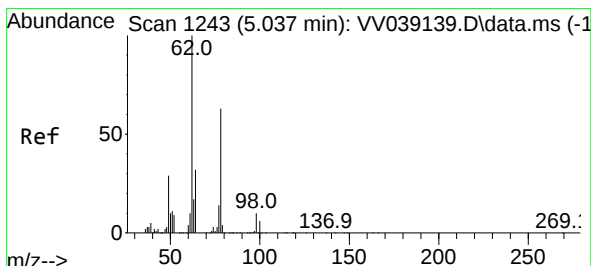
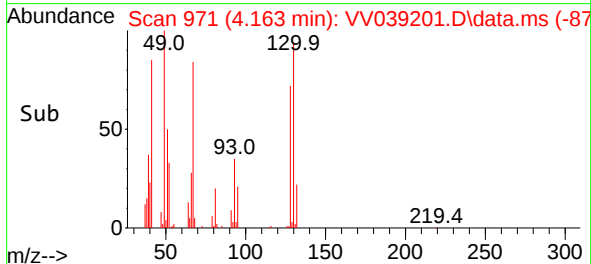
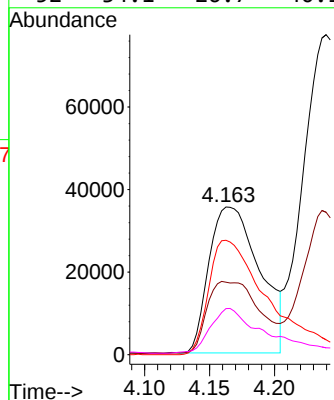
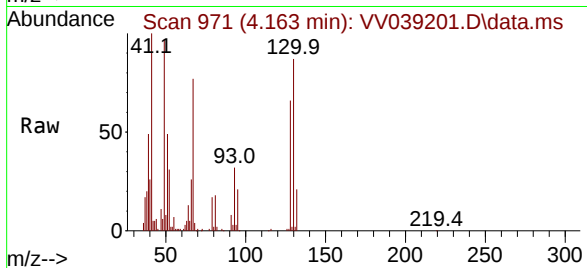




#41
Methacrylonitrile
Concen: 17.814 ug/l
RT: 4.163 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

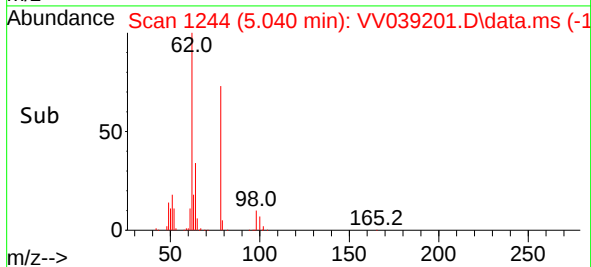
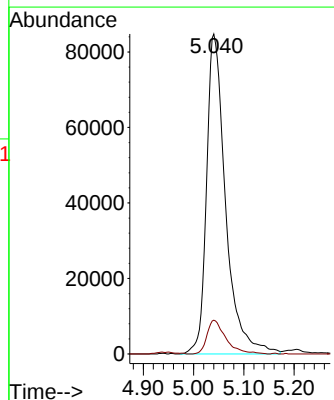
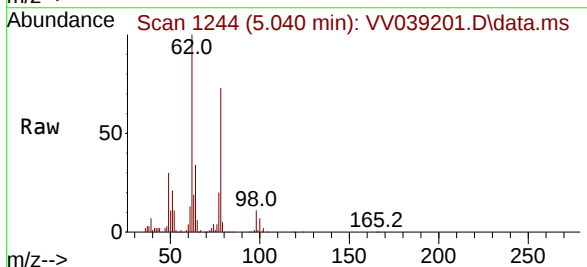
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

Tgt Ion:	41	Resp:	96114
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.2	63.2
67	96.6	67.9	101.9
52	34.1	26.7	40.1



#42
1,2-Dichloroethane
Concen: 18.489 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:	62	Resp:	223503
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.2

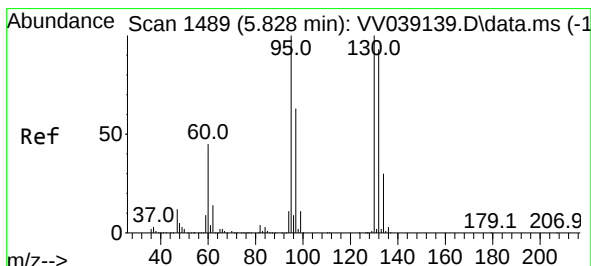
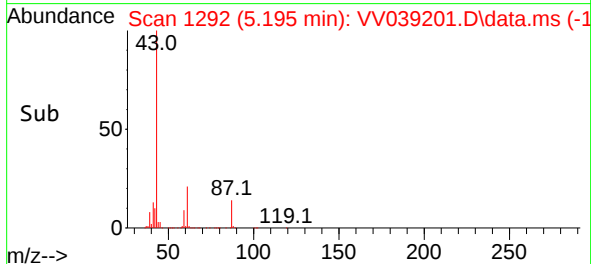
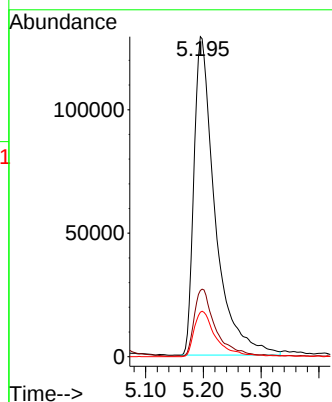
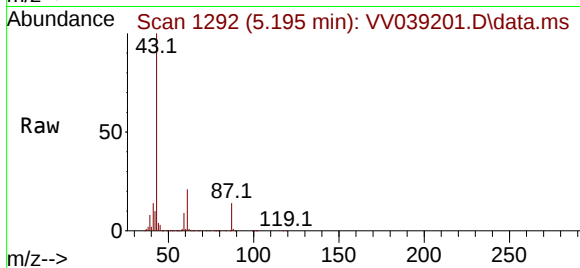




#43
Isopropyl Acetate
Concen: 18.710 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

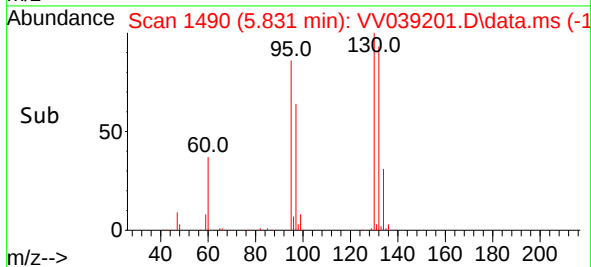
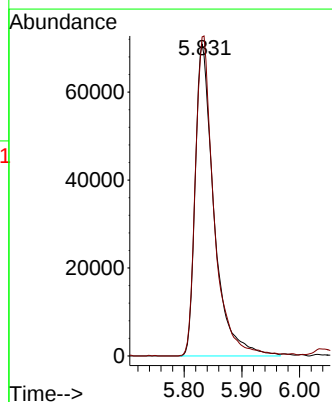
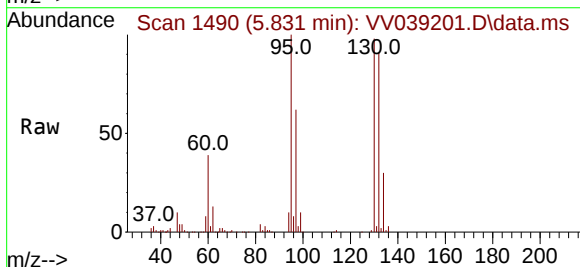
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

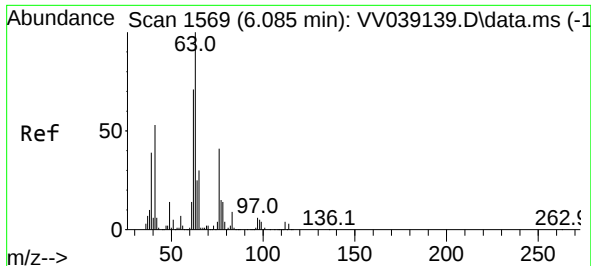
Tgt Ion: 43 Resp: 327971
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 14.8 11.0 16.6



#44
Trichloroethene
Concen: 20.116 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 130 Resp: 160144
Ion Ratio Lower Upper
130 100
95 102.2 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.664 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

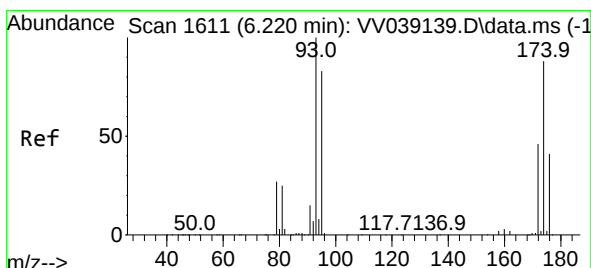
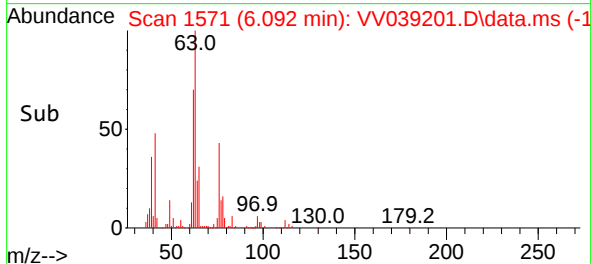
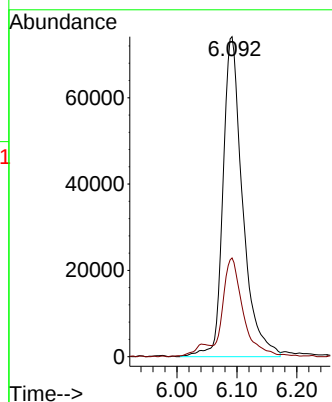
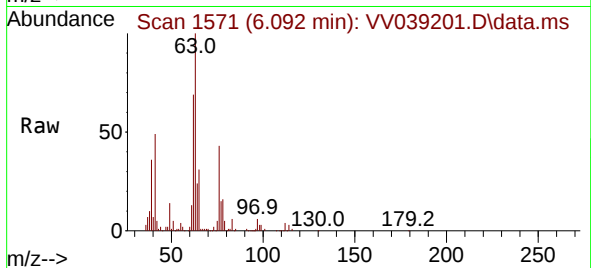
VV0926WBS01

Tgt Ion: 63 Resp: 168622

Ion Ratio Lower Upper

63 100

65 30.6 23.7 35.5



#46

Dibromomethane

Concen: 19.221 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

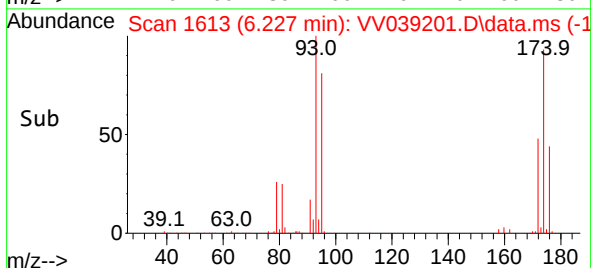
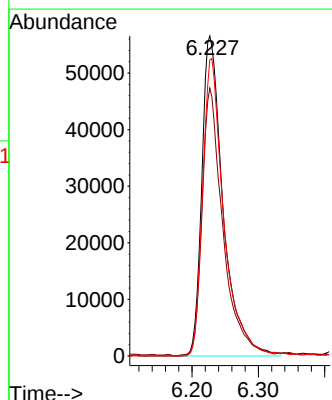
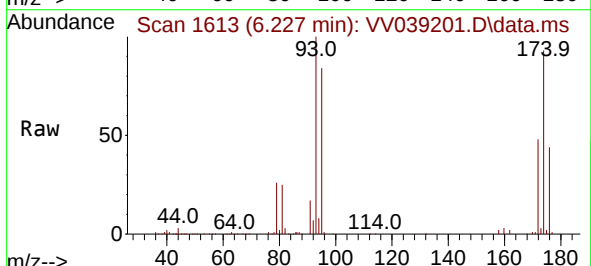
Tgt Ion: 93 Resp: 126156

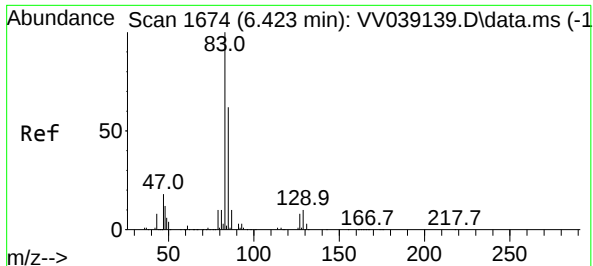
Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

174 92.1 69.0 103.4





#47

Bromodichloromethane

Concen: 18.920 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

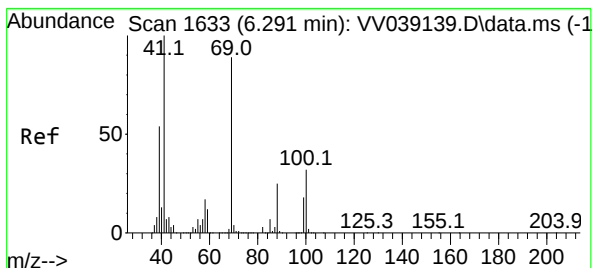
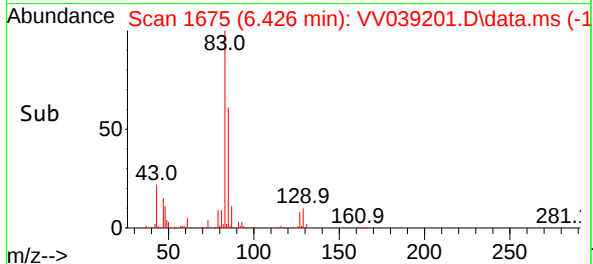
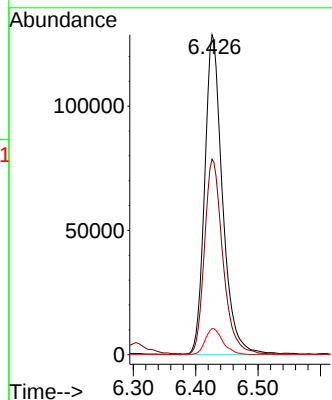
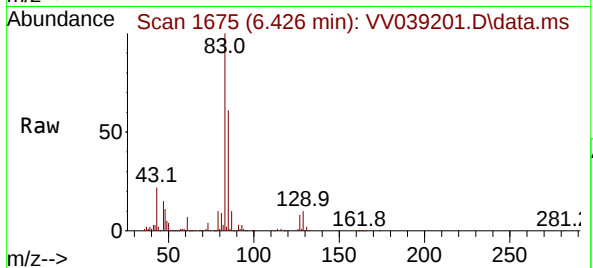
Tgt Ion: 83 Resp: 256722

Ion Ratio Lower Upper

83 100

85 60.8 49.7 74.5

127 8.2 6.6 9.8



#48

Methyl methacrylate

Concen: 17.992 ug/l

RT: 6.301 min Scan# 1636

Delta R.T. 0.010 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

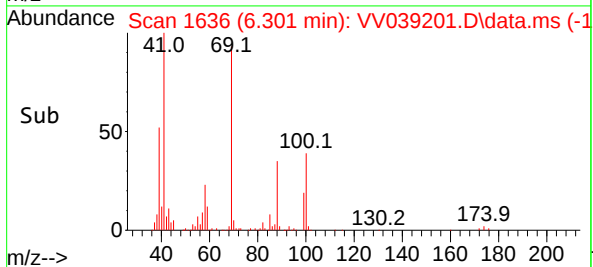
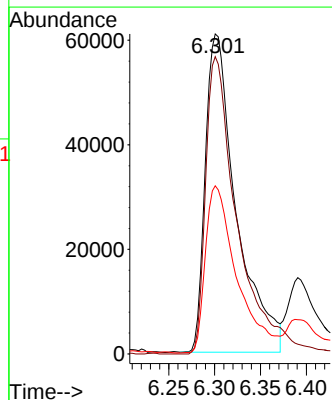
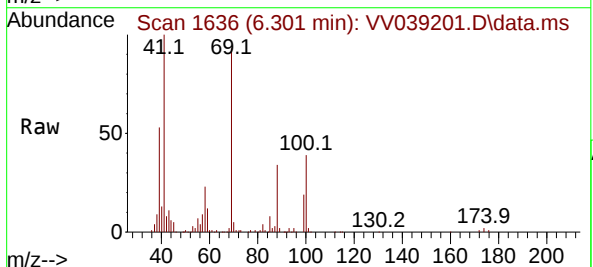
Tgt Ion: 41 Resp: 142959

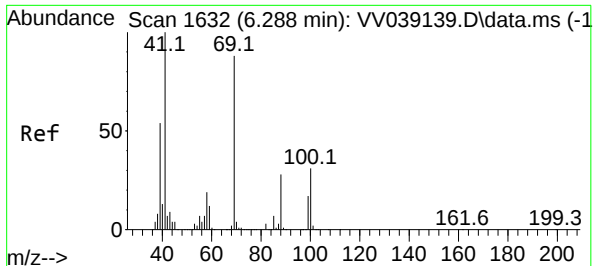
Ion Ratio Lower Upper

41 100

69 96.3 72.4 108.6

39 53.5 42.5 63.7





#49

1,4-Dioxane

Concen: 398.926 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

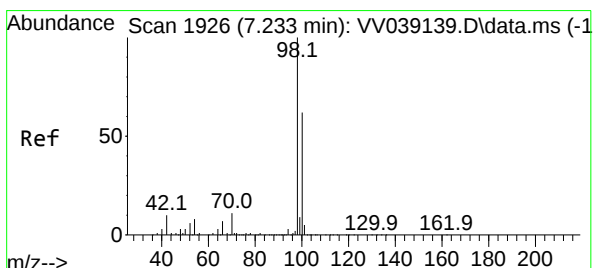
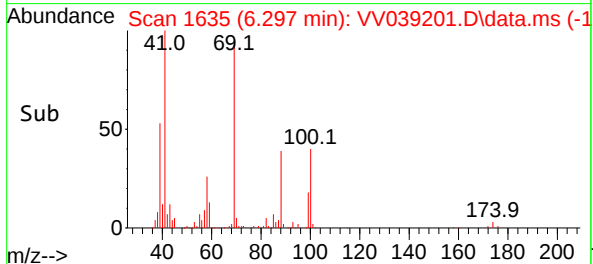
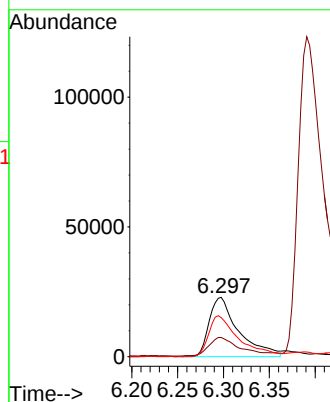
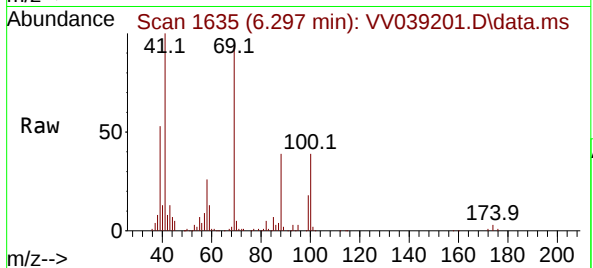
Tgt Ion: 88 Resp: 51154

Ion Ratio Lower Upper

88 100

43 34.4 25.1 37.7

58 70.2 53.6 80.4



#50

Toluene-d8

Concen: 50.194 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039201.D

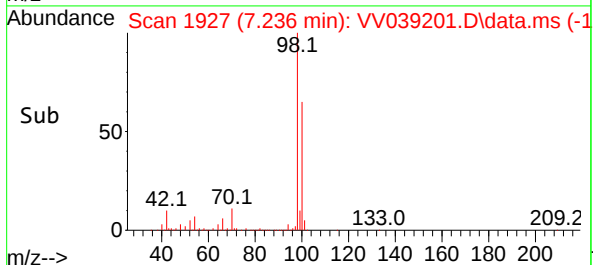
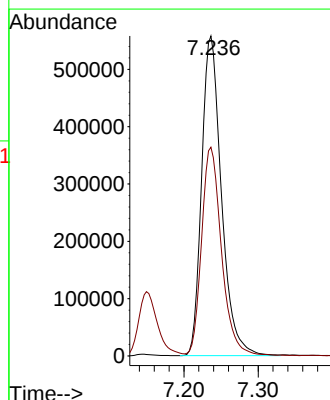
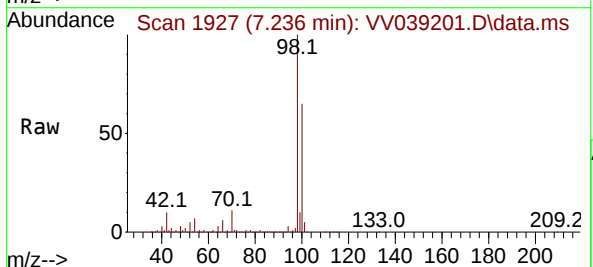
Acq: 26 Sep 2025 10:49

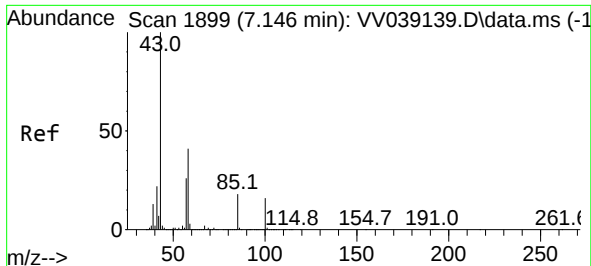
Tgt Ion: 98 Resp: 1033075

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 101.045 ug/l

RT: 7.150 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

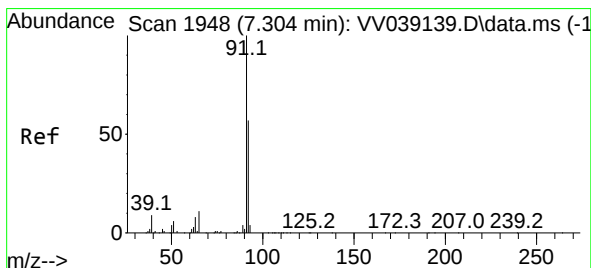
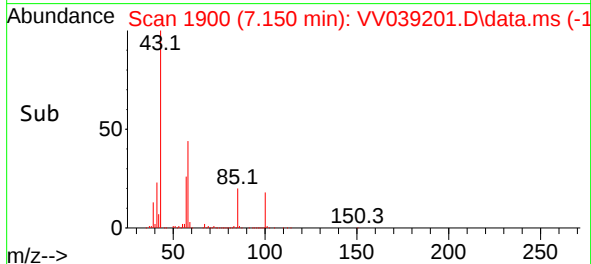
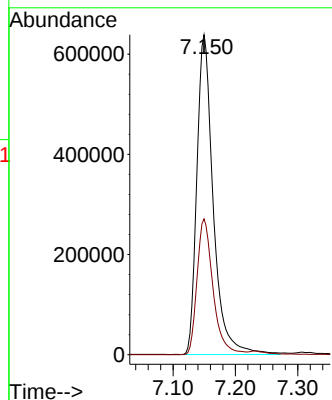
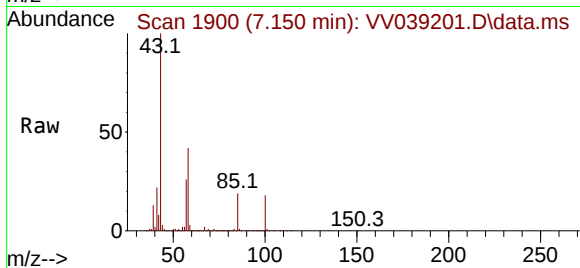
VV0926WBS01

Tgt Ion: 43 Resp: 1165241

Ion Ratio Lower Upper

43 100

58 41.5 32.3 48.5



#52

Toluene

Concen: 20.259 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039201.D

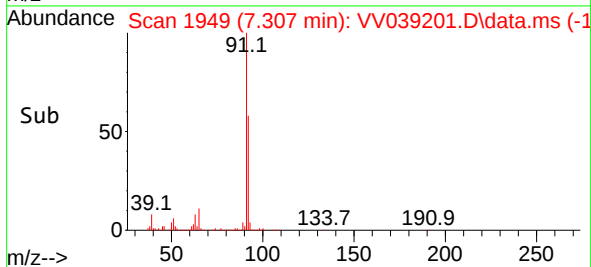
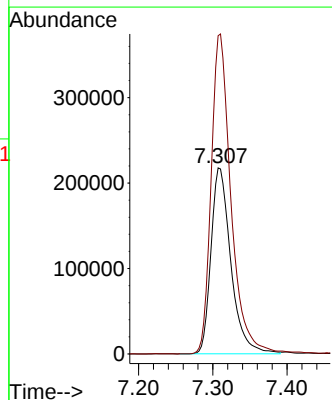
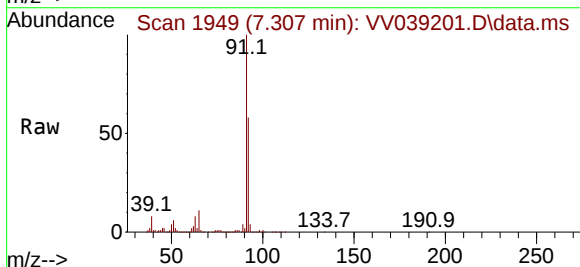
Acq: 26 Sep 2025 10:49

Tgt Ion: 92 Resp: 405246

Ion Ratio Lower Upper

92 100

91 171.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.059 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

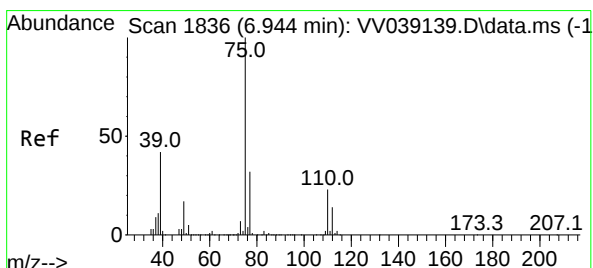
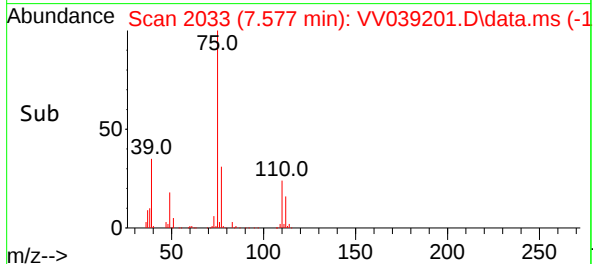
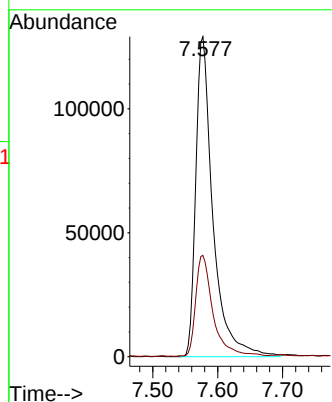
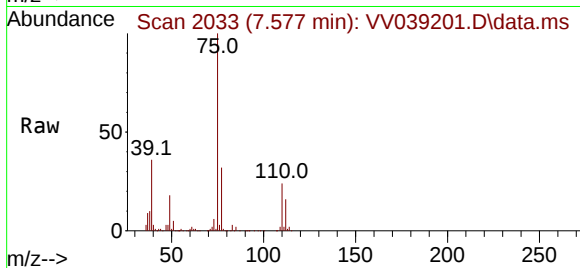
VV0926WBS01

Tgt Ion: 75 Resp: 237200

Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.676 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

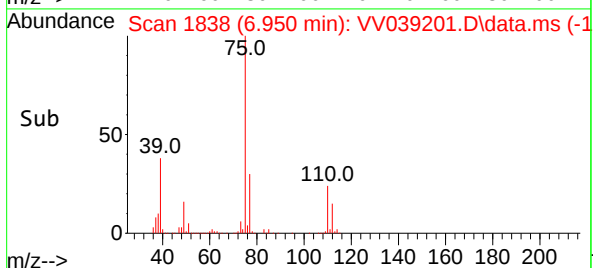
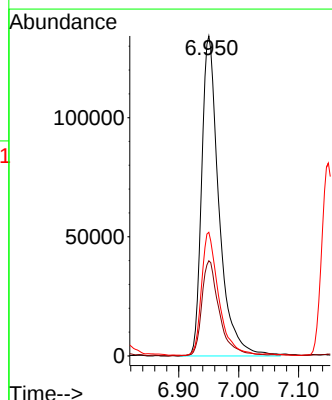
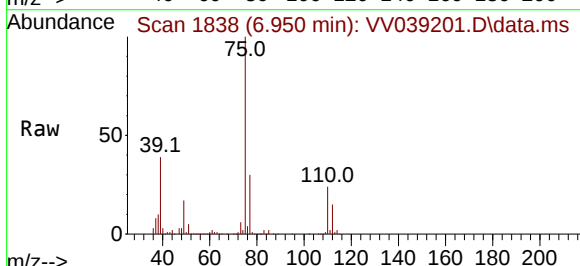
Tgt Ion: 75 Resp: 269902

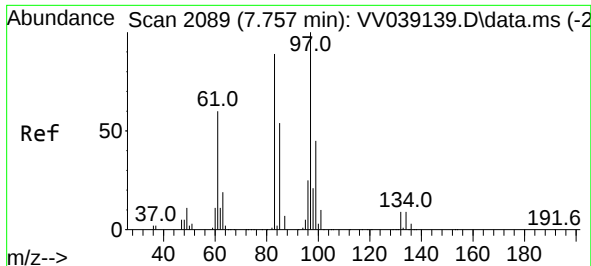
Ion Ratio Lower Upper

75 100

77 29.7 25.5 38.3

39 38.4 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 19.346 ug/l

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

Tgt Ion: 97 Resp: 173521

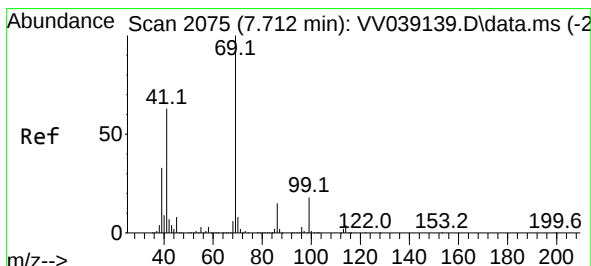
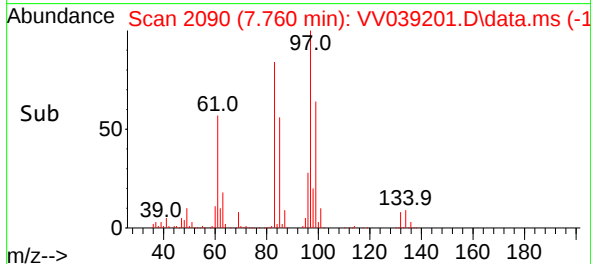
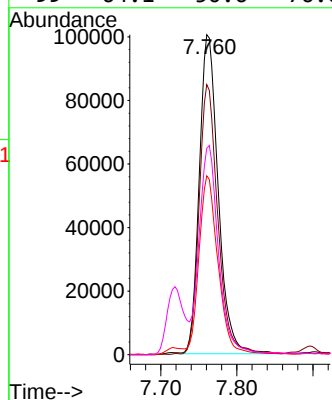
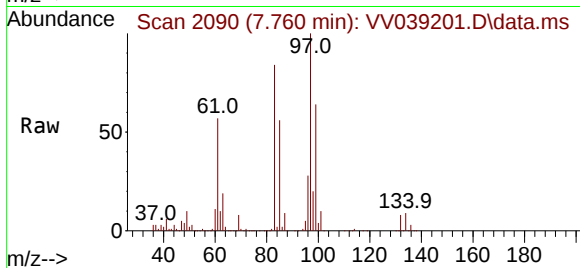
Ion Ratio Lower Upper

97 100

83 84.4 71.1 106.7

85 55.6 44.6 67.0

99 64.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 19.302 ug/l

RT: 7.719 min Scan# 2077

Delta R.T. 0.007 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

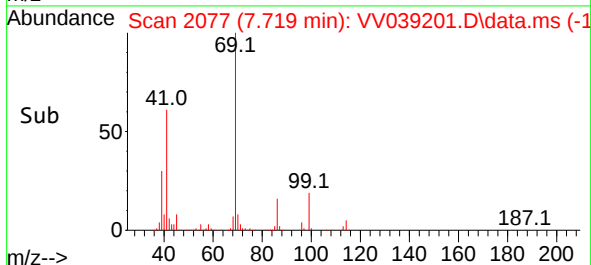
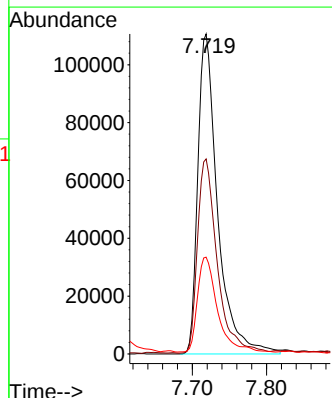
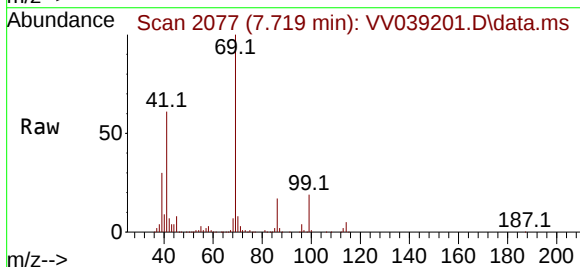
Tgt Ion: 69 Resp: 205595

Ion Ratio Lower Upper

69 100

41 60.5 50.7 76.1

39 29.6 26.0 39.0





#57

1,3-Dichloropropane

Concen: 19.140 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

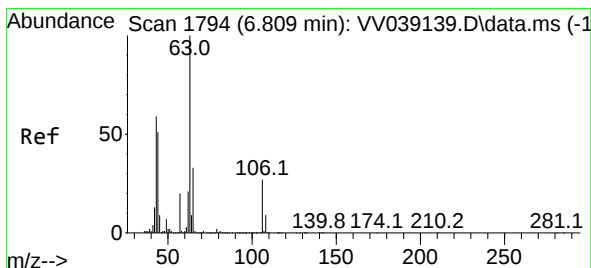
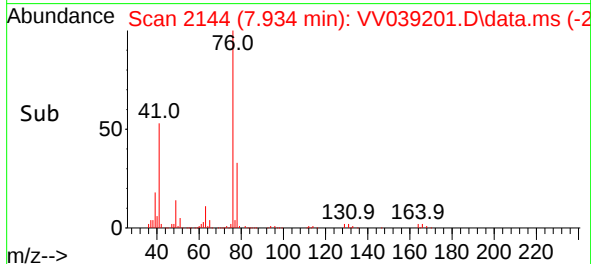
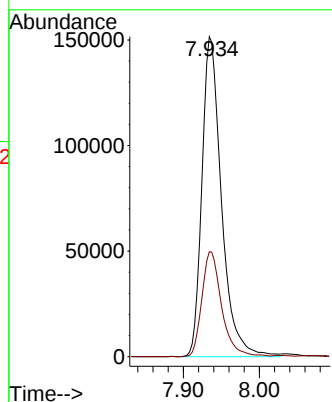
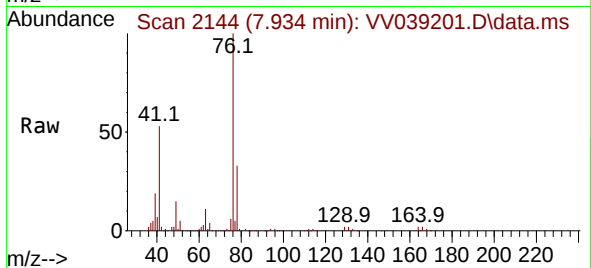
VV0926WBS01

Tgt Ion: 76 Resp: 270929

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.200 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039201.D

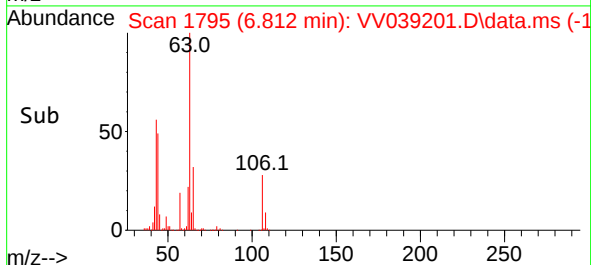
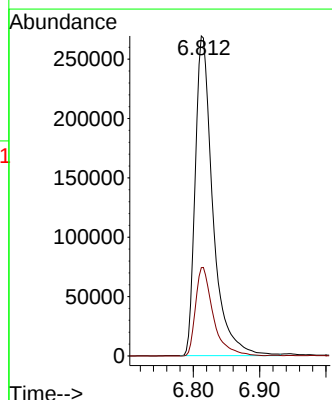
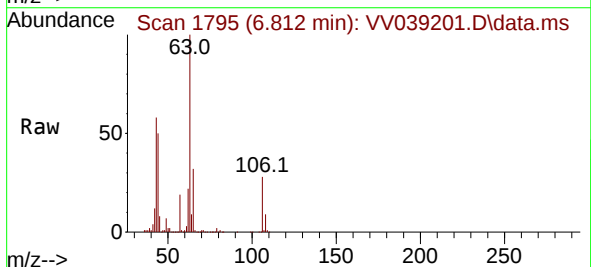
Acq: 26 Sep 2025 10:49

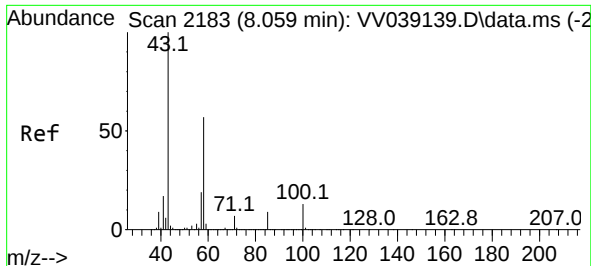
Tgt Ion: 63 Resp: 497770

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

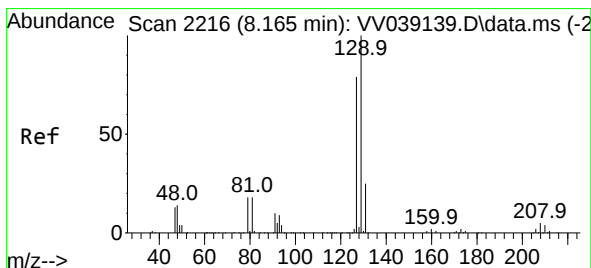
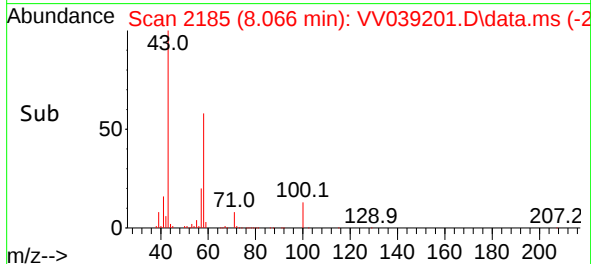
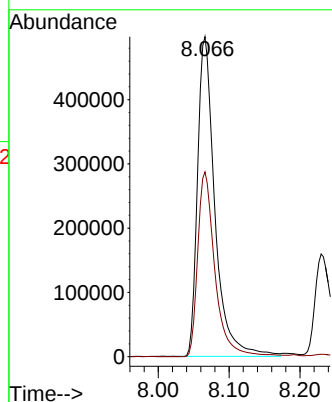
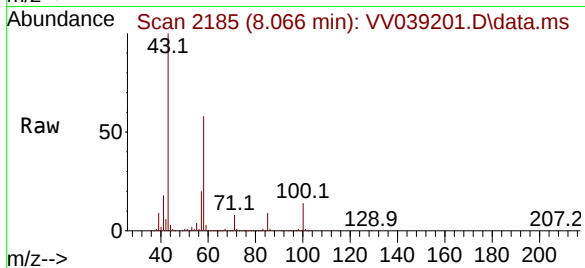




#59
2-Hexanone
Concen: 92.530 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

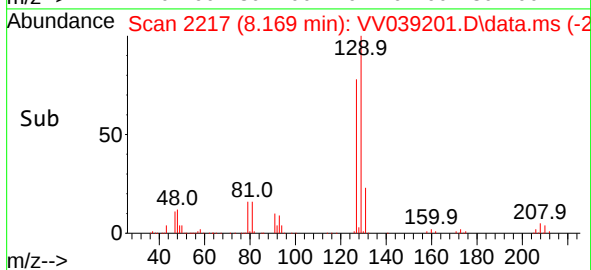
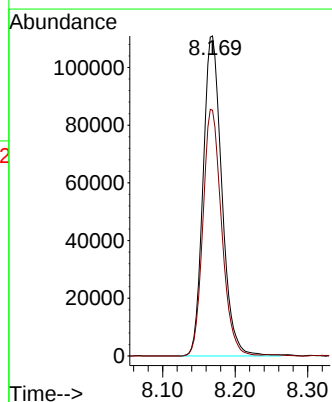
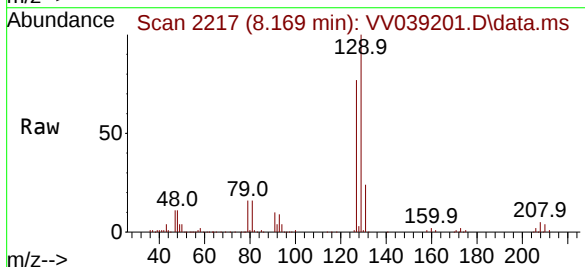
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

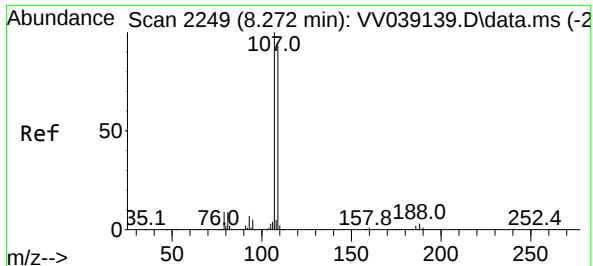
Tgt Ion: 43 Resp: 847553
Ion Ratio Lower Upper
43 100
58 57.5 28.3 85.0



#60
Dibromochloromethane
Concen: 19.526 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 129 Resp: 199559
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.9

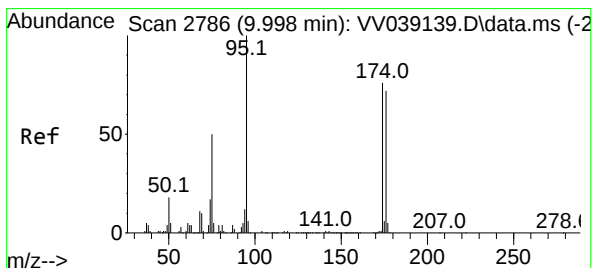
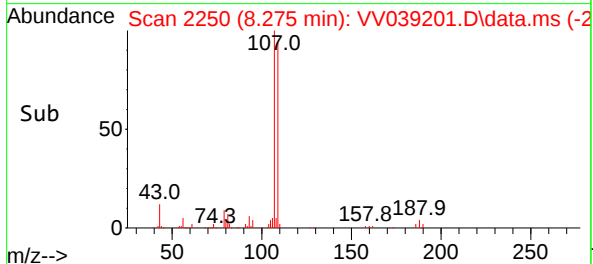
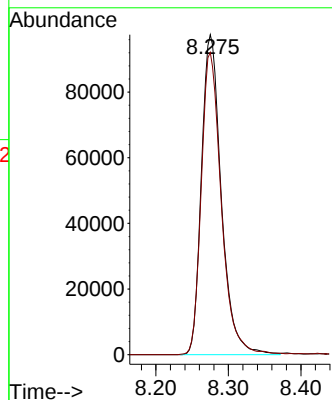
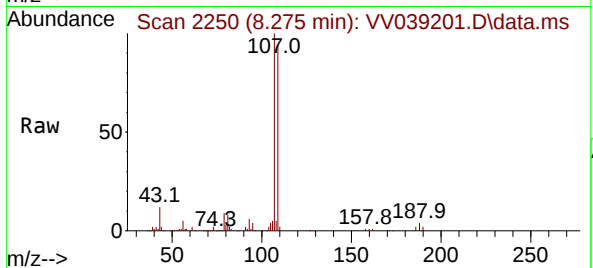




#61
1,2-Dibromoethane
Concen: 20.197 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

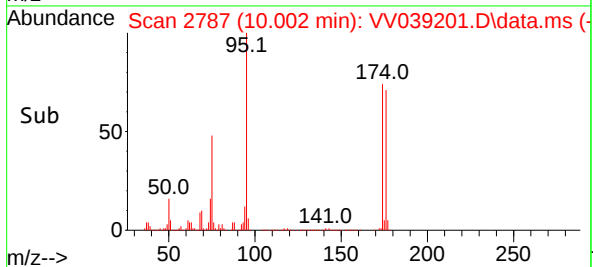
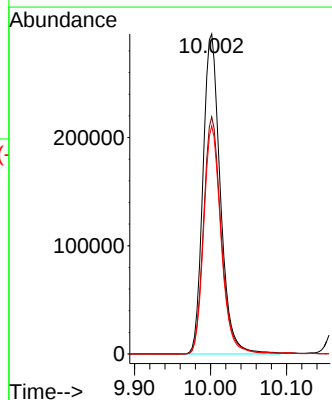
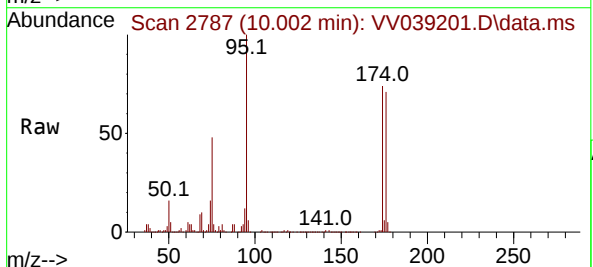
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

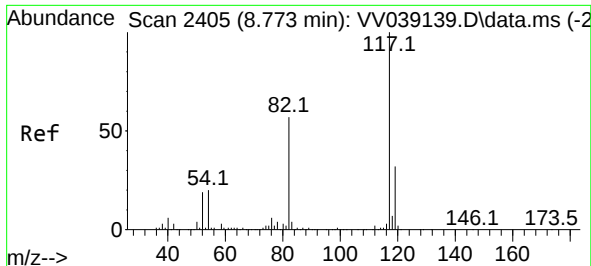
Tgt Ion:107 Resp: 185266
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.374 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 95 Resp: 469175
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 71.3 0.0 144.2

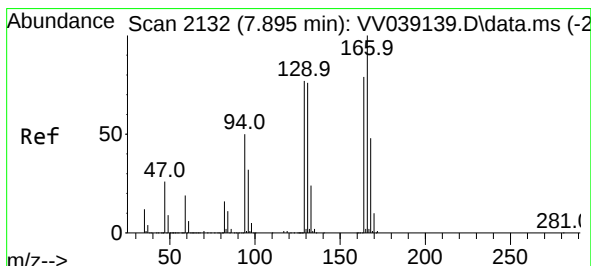
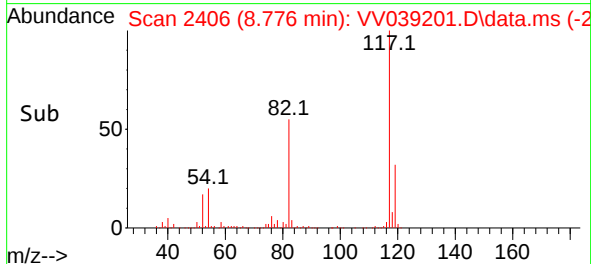
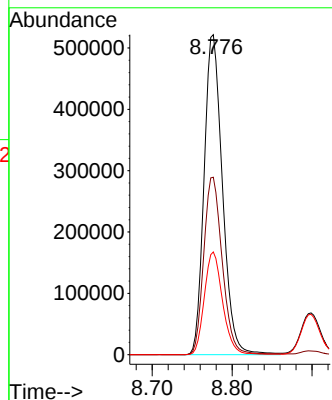
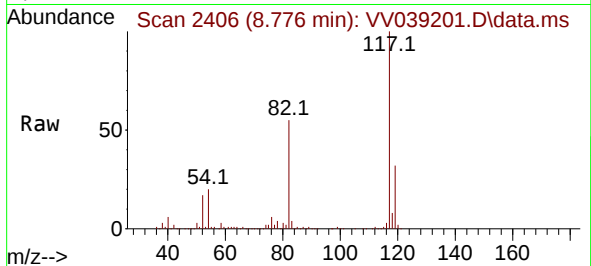




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

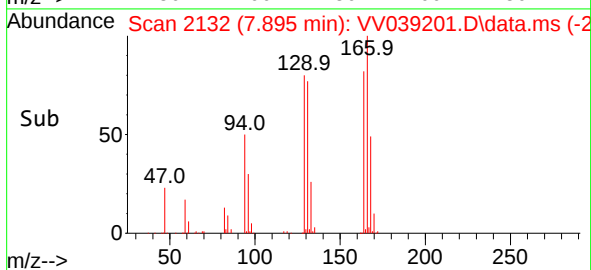
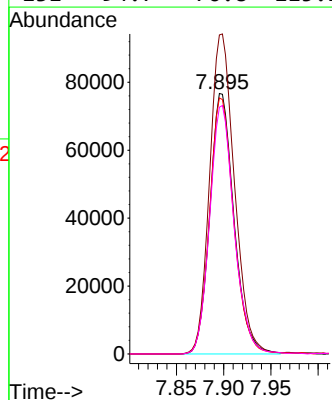
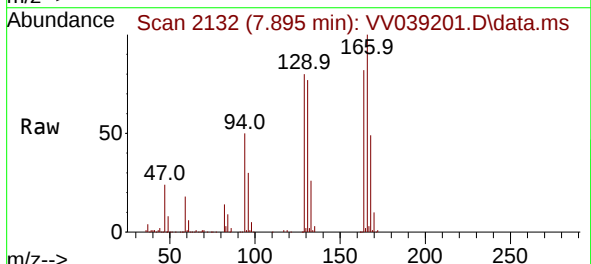
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

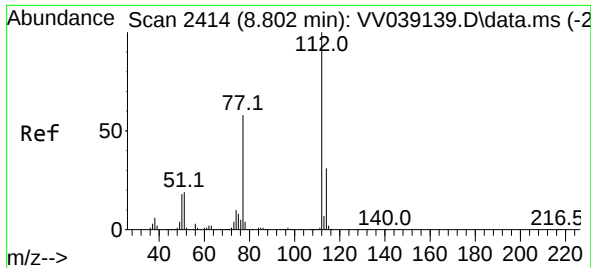
Tgt Ion:117 Resp: 834845
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 19.503 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:164 Resp: 136377
Ion Ratio Lower Upper
164 100
166 122.5 101.6 152.4
129 98.2 78.5 117.7
131 94.7 76.8 115.2

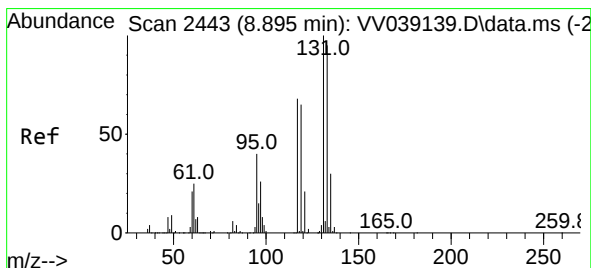
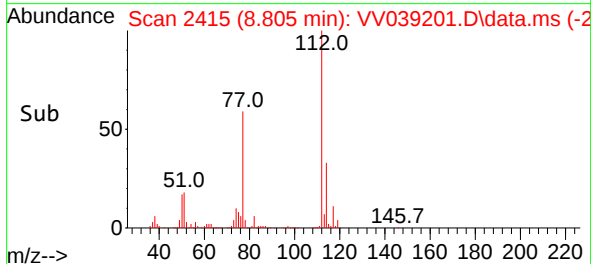
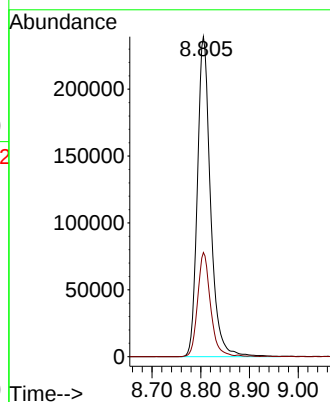
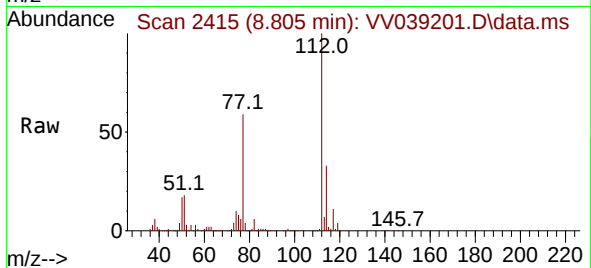




#65
Chlorobenzene
Concen: 19.299 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

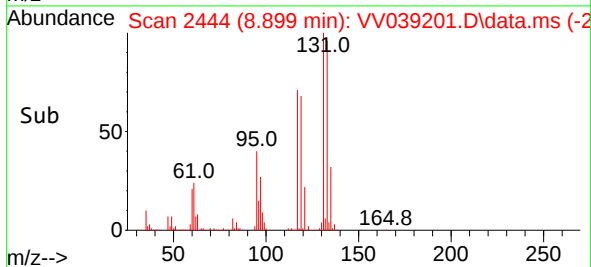
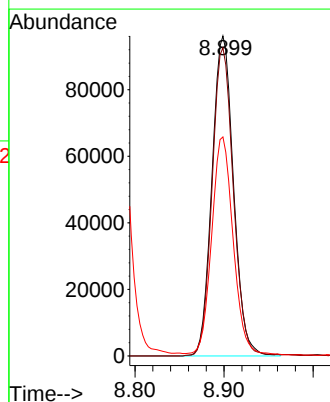
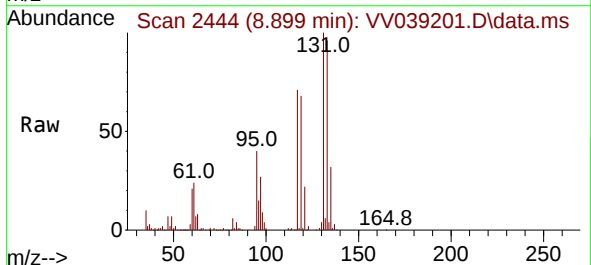
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

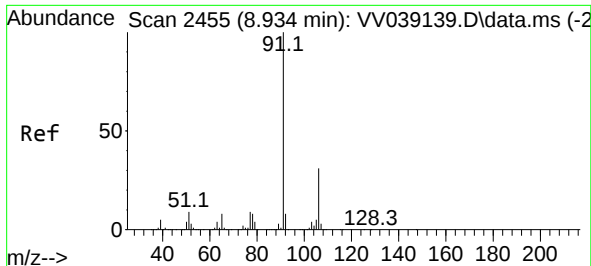
Tgt Ion:112 Resp: 448775
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.241 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:131 Resp: 161669
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 68.1 33.3 99.8





#67

Ethyl Benzene

Concen: 19.409 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

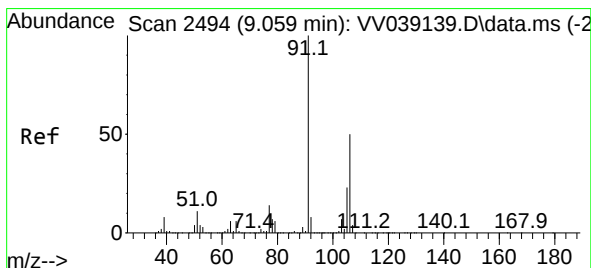
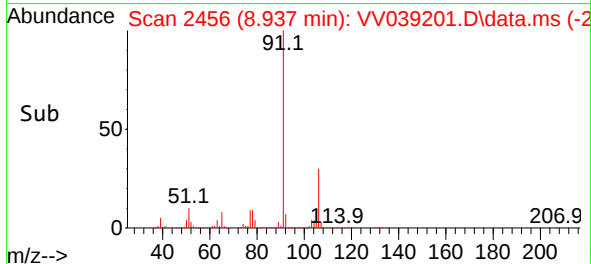
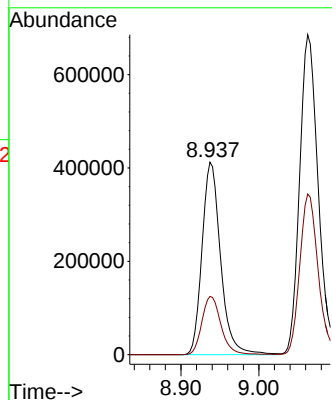
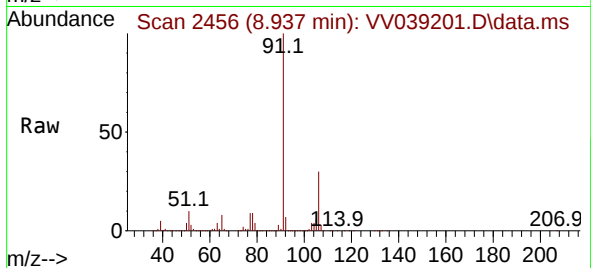
VV0926WBS01

Tgt Ion: 91 Resp: 683210

Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0



#68

m/p-Xylenes

Concen: 41.841 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039201.D

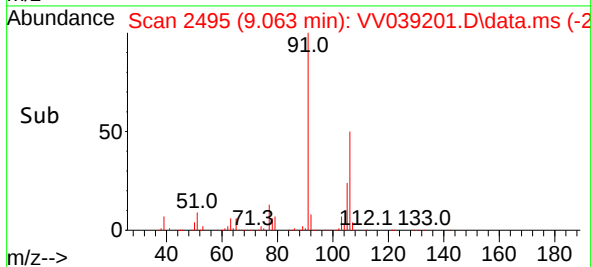
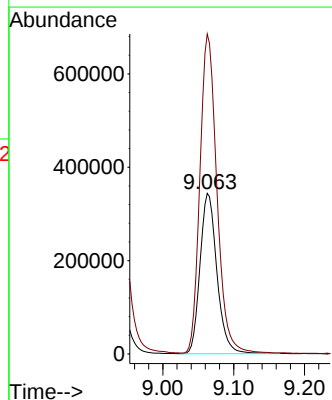
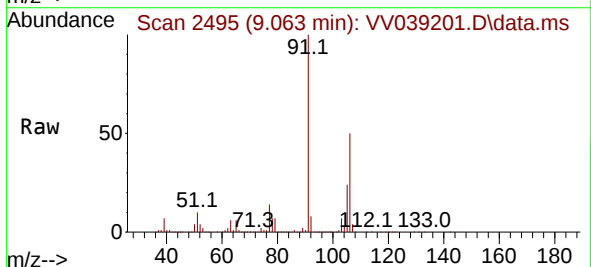
Acq: 26 Sep 2025 10:49

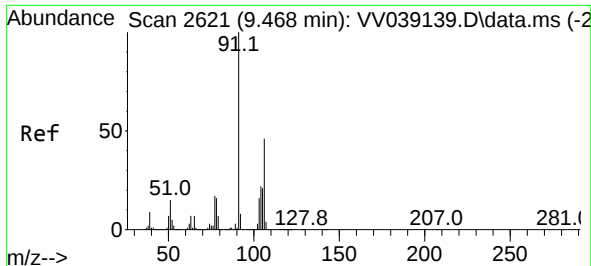
Tgt Ion: 106 Resp: 568444

Ion Ratio Lower Upper

106 100

91 200.0 162.5 243.7

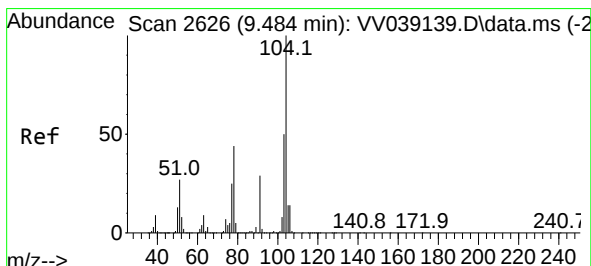
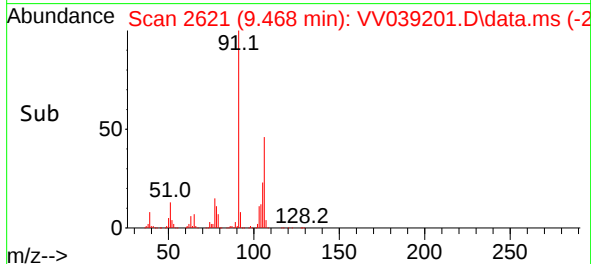
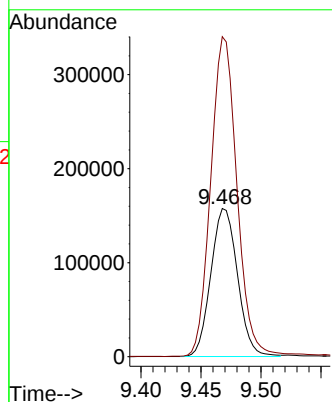
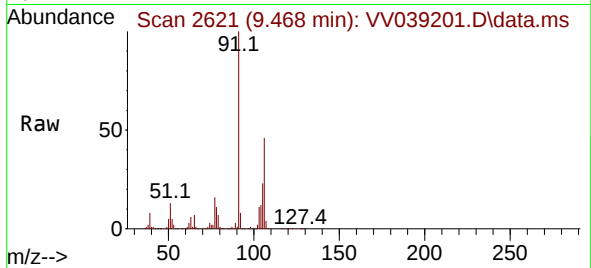




#69
o-Xylene
Concen: 20.226 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

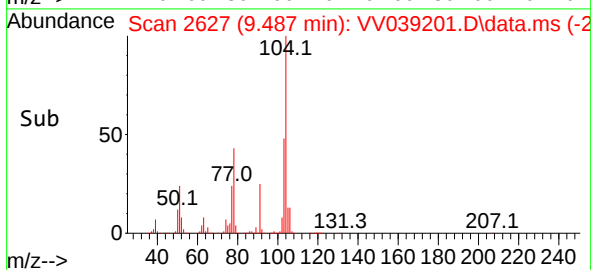
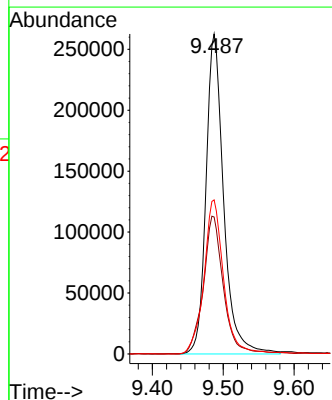
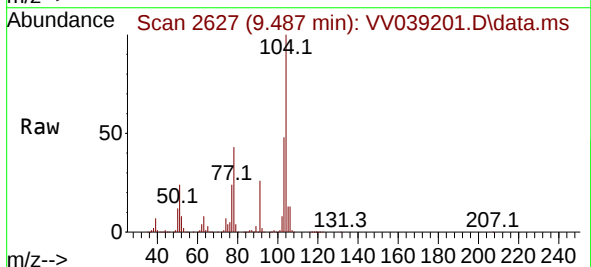
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

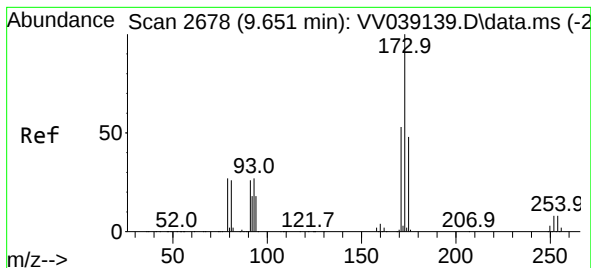
Tgt Ion:106 Resp: 243305
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.3



#70
Styrene
Concen: 18.755 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:104 Resp: 454259
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 53.8 43.4 65.2





#71

Bromoform

Concen: 20.366 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

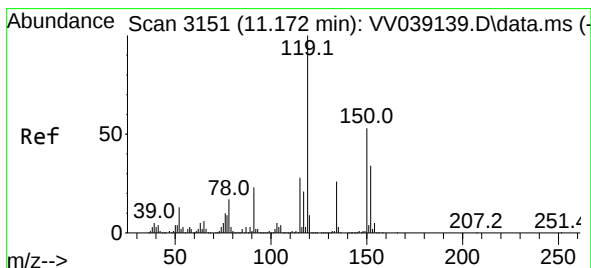
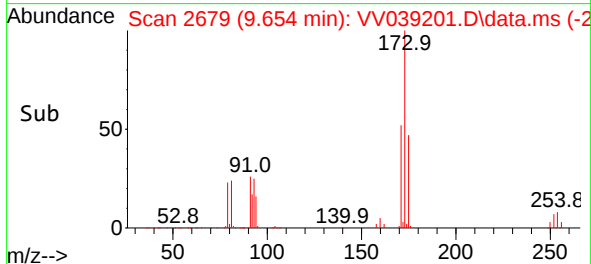
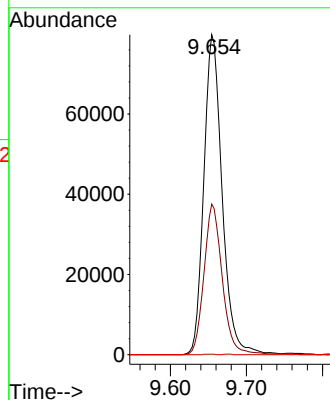
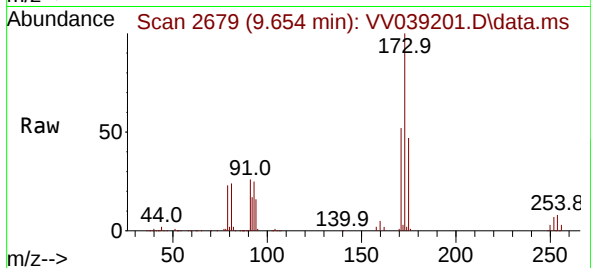
Tgt Ion:173 Resp: 133666

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

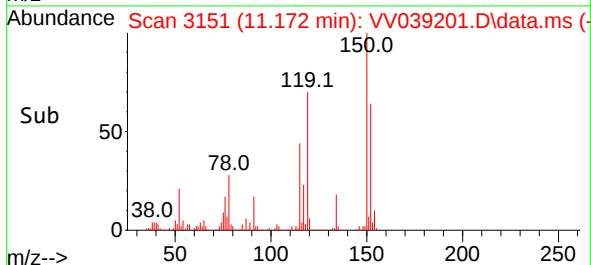
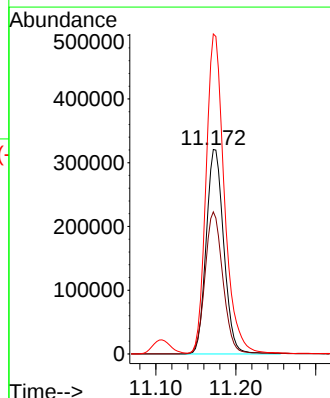
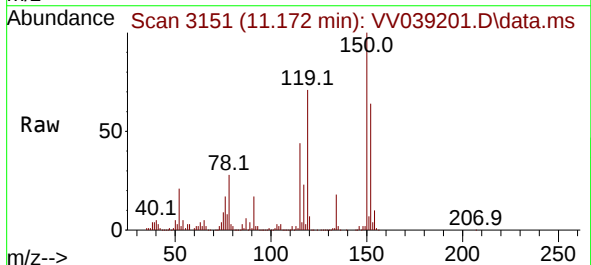
Tgt Ion:152 Resp: 490803

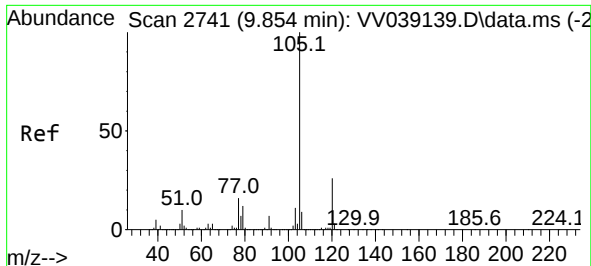
Ion Ratio Lower Upper

152 100

115 70.8 44.8 134.4

150 163.1 0.0 353.8

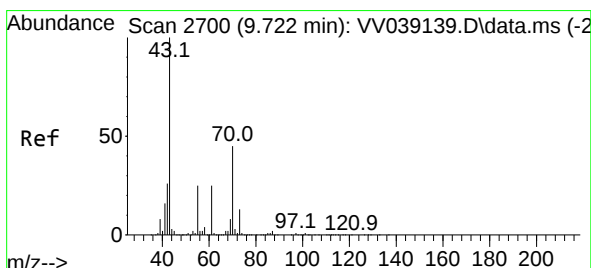
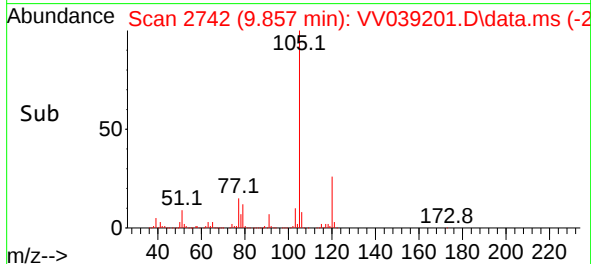
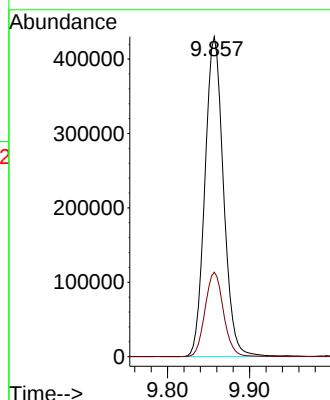
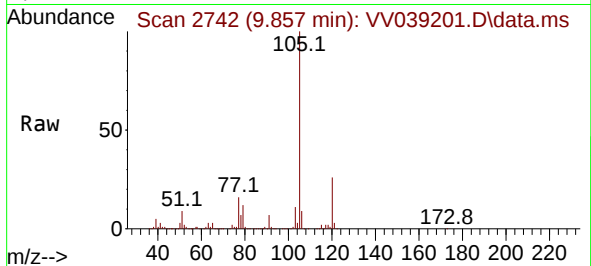




#73
Isopropylbenzene
Concen: 18.990 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

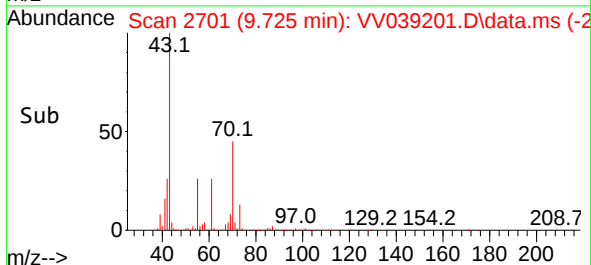
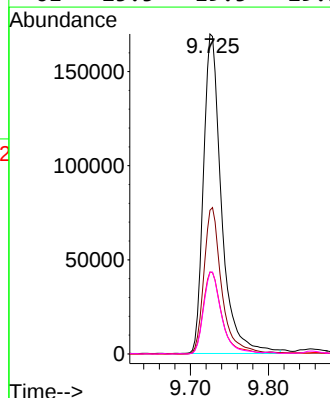
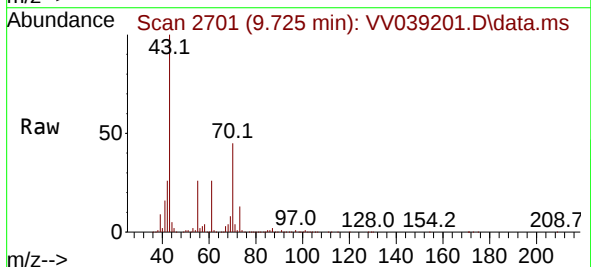
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

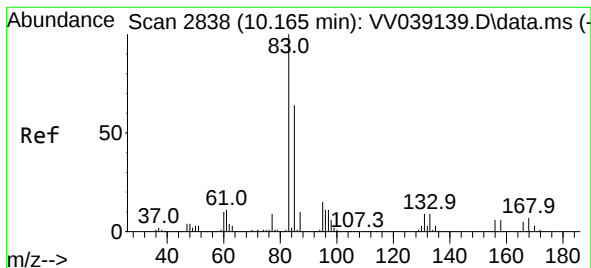
Tgt Ion:105 Resp: 676001
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-amy1 acetate
Concen: 19.249 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 43 Resp: 273330
Ion Ratio Lower Upper
43 100
70 45.0 35.4 53.0
55 26.4 20.6 30.8
61 25.5 19.5 29.3

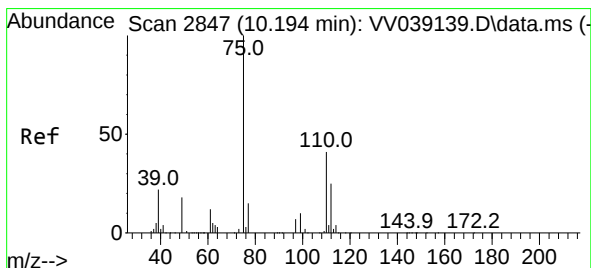
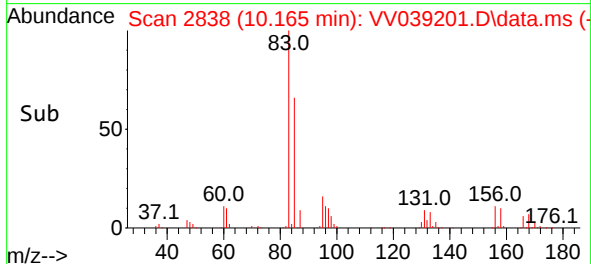
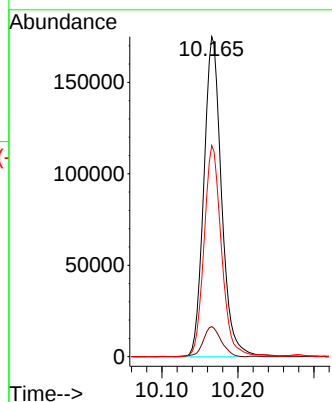
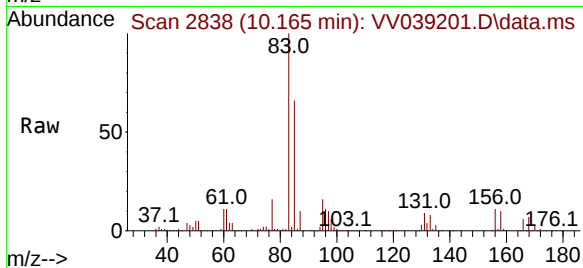




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.144 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

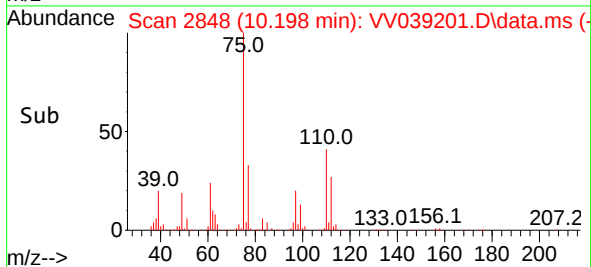
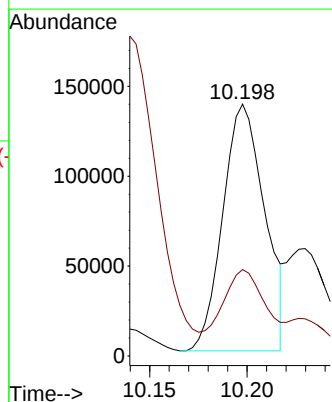
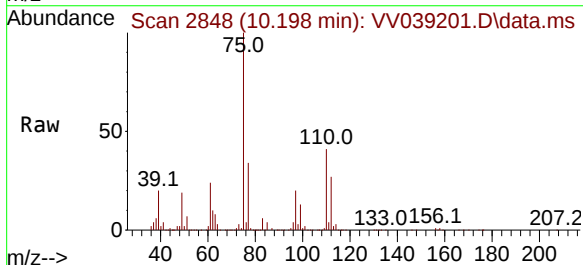
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBS01

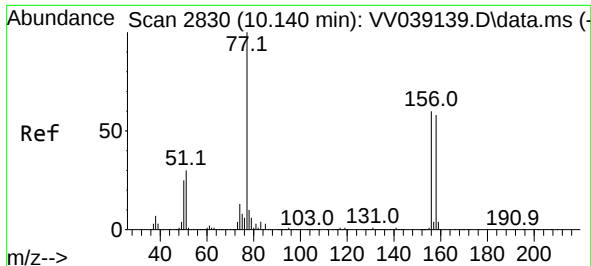
Tgt Ion: 83 Resp: 283007
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.5 13.7
 85 64.5 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 18.374 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 75 Resp: 205329
 Ion Ratio Lower Upper
 75 100
 77 23.0 11.3 33.8

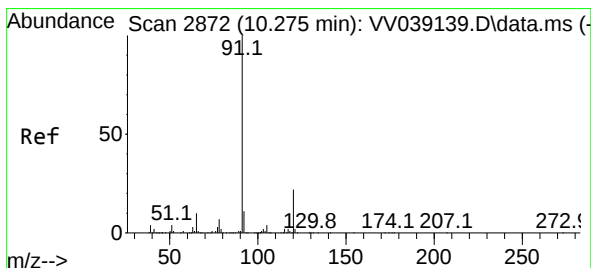
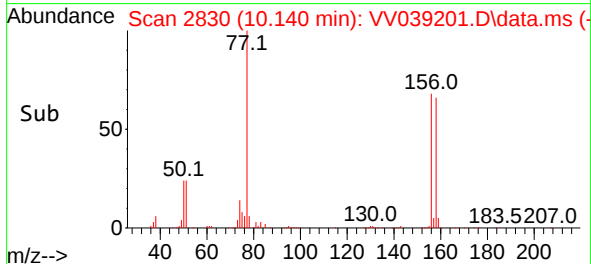
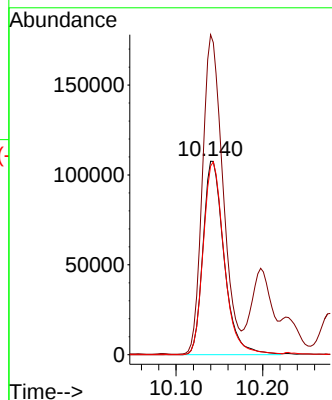
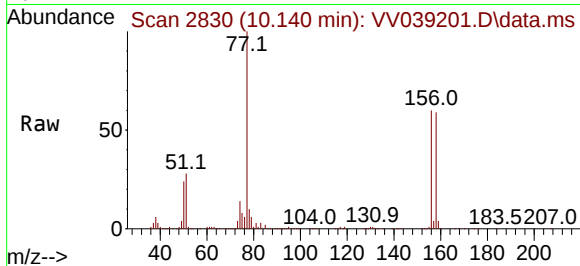




#77
Bromobenzene
Concen: 19.707 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

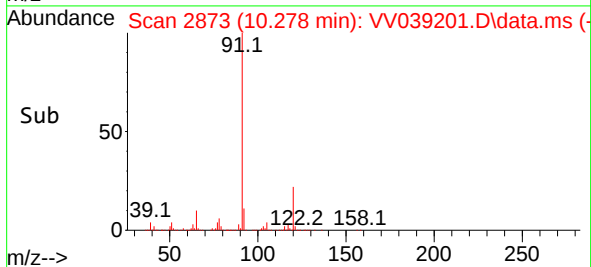
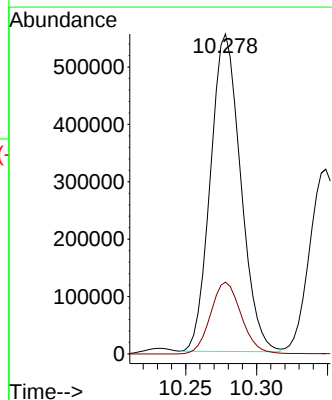
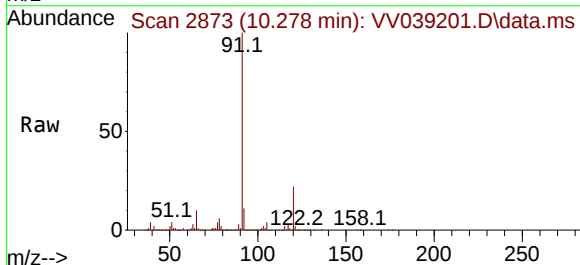
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

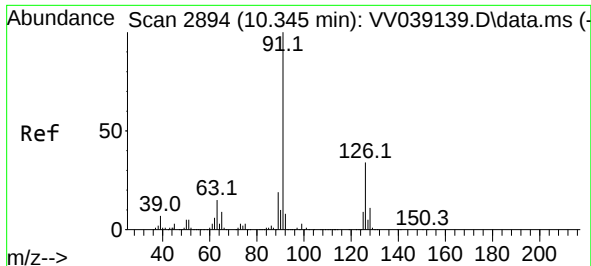
Tgt Ion:156 Resp: 182007
Ion Ratio Lower Upper
156 100
77 159.8 83.4 250.1
158 98.8 48.8 146.4



#78
n-propylbenzene
Concen: 18.966 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 91 Resp: 822195
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.3

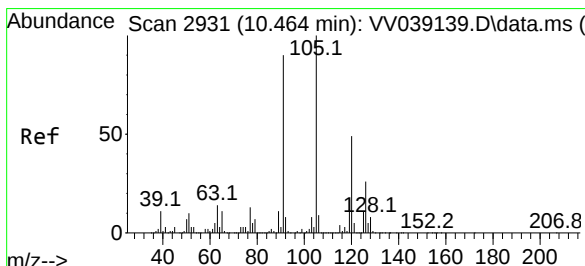
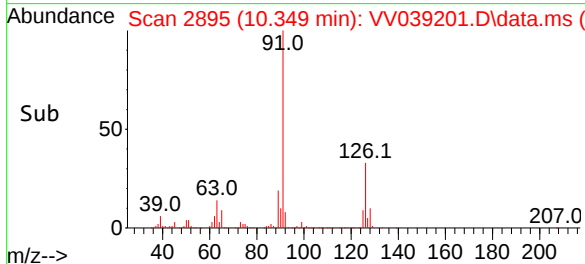
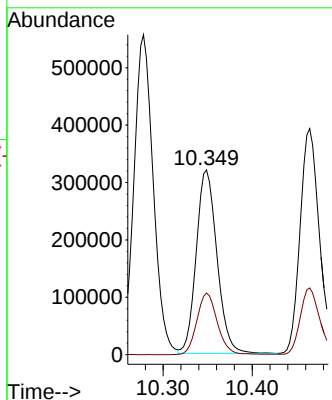
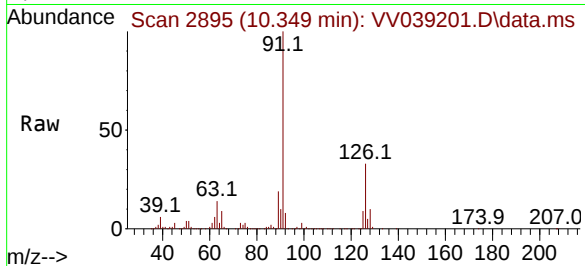




#79
2-Chlorotoluene
Concen: 19.879 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

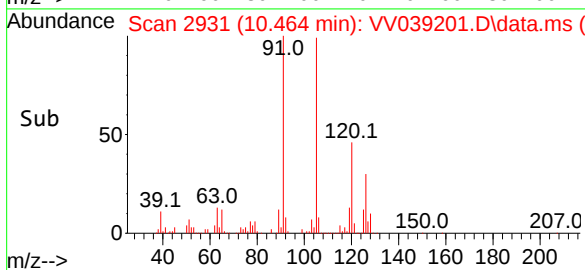
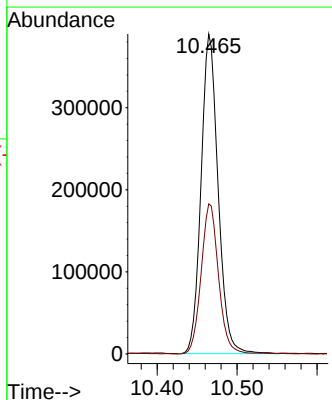
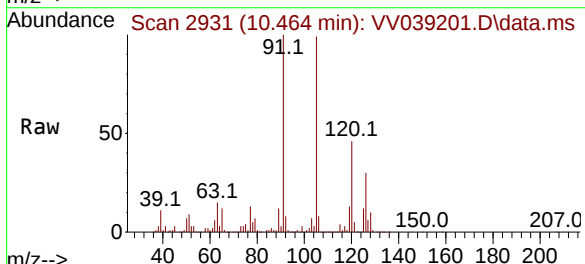
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

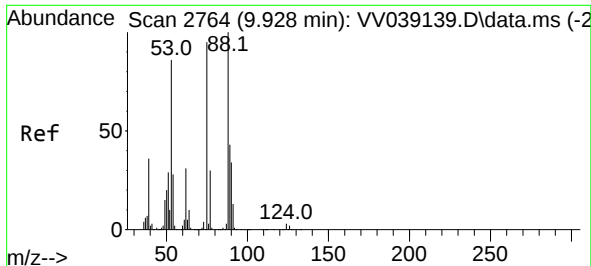
Tgt Ion: 91 Resp: 515642
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 19.521 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion: 105 Resp: 577612
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

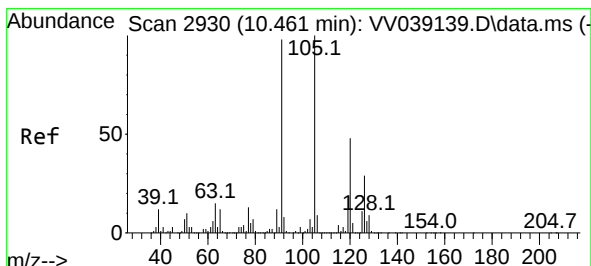
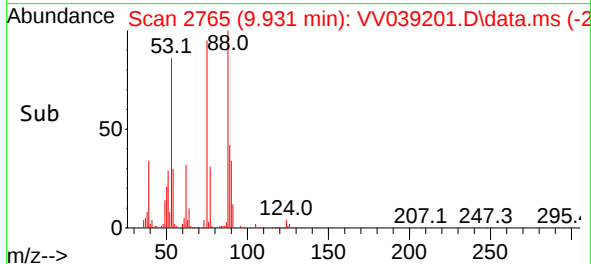
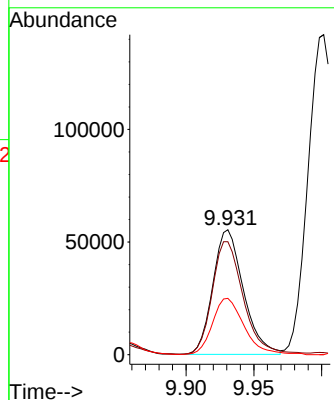
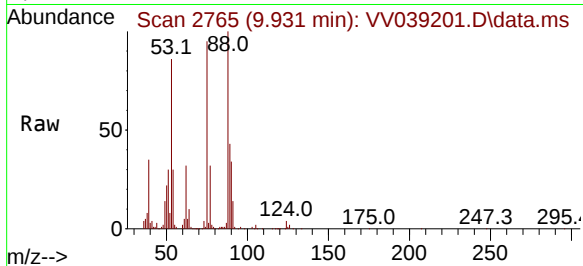




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.654 ug/l
 RT: 9.931 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

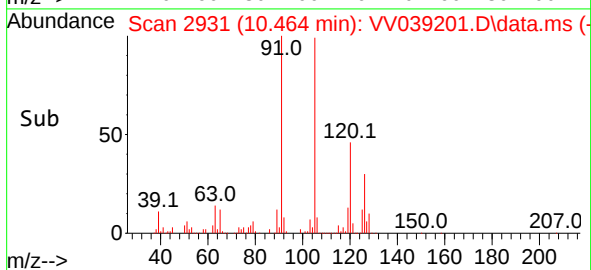
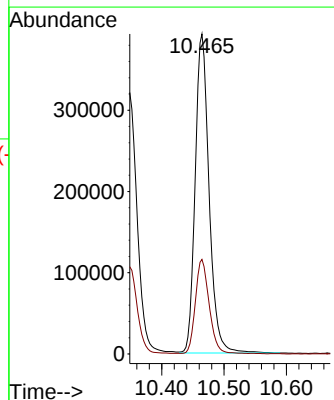
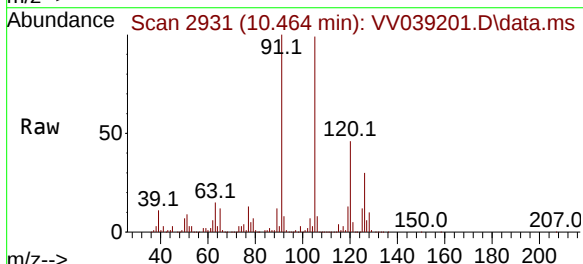
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBS01

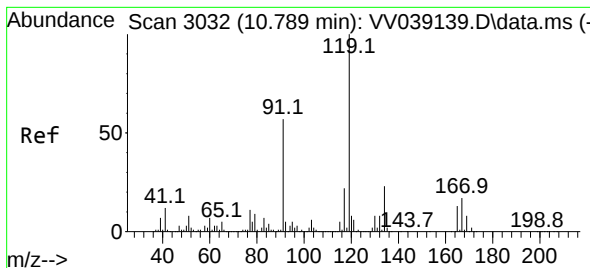
Tgt Ion: 75 Resp: 86829
 Ion Ratio Lower Upper
 75 100
 53 91.7 72.5 108.7
 89 47.1 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 20.203 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV039201.D
 Acq: 26 Sep 2025 10:49

Tgt Ion: 91 Resp: 607661
 Ion Ratio Lower Upper
 91 100
 126 29.2 14.5 43.6





#83

tert-Butylbenzene

Concen: 18.038 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

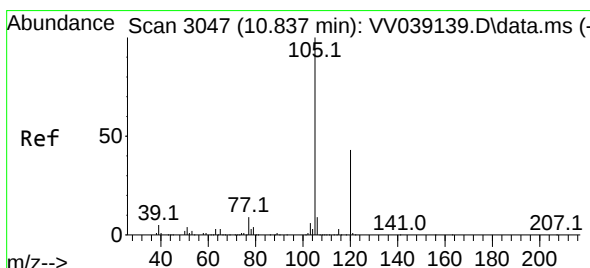
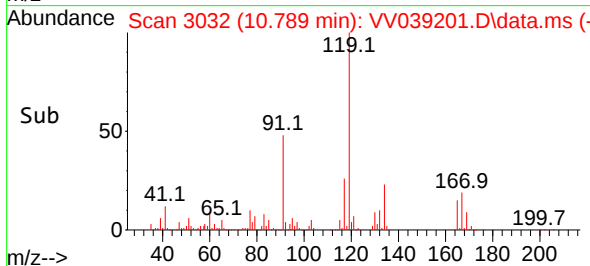
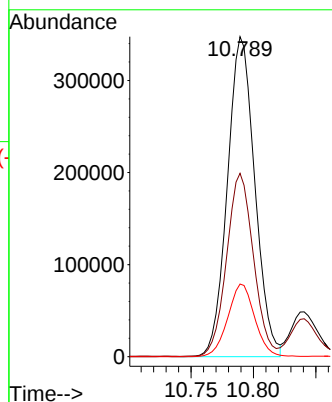
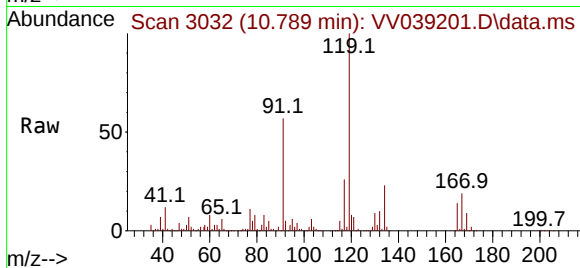
Tgt Ion:119 Resp: 532209

Ion Ratio Lower Upper

119 100

91 55.8 28.5 85.6

134 22.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 19.488 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039201.D

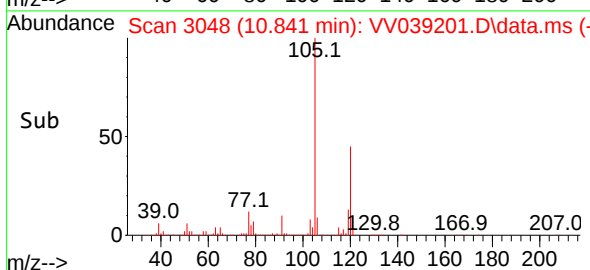
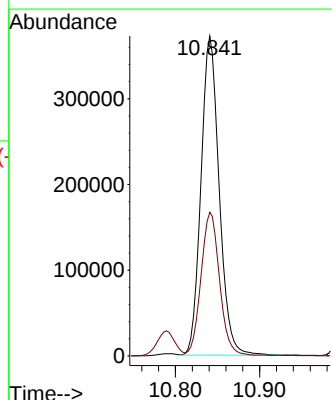
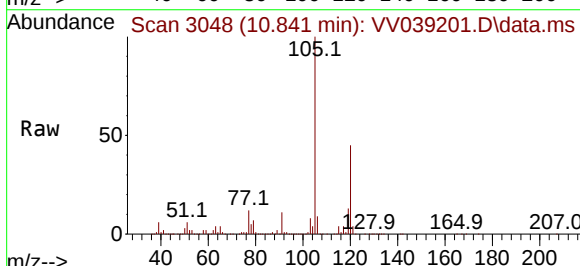
Acq: 26 Sep 2025 10:49

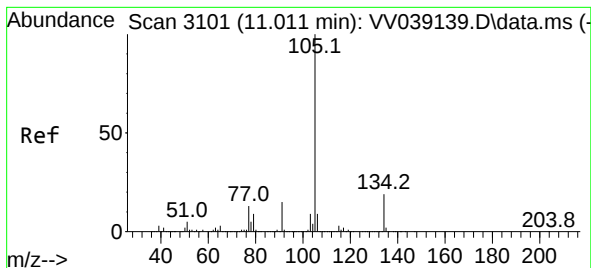
Tgt Ion:105 Resp: 559808

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 17.674 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

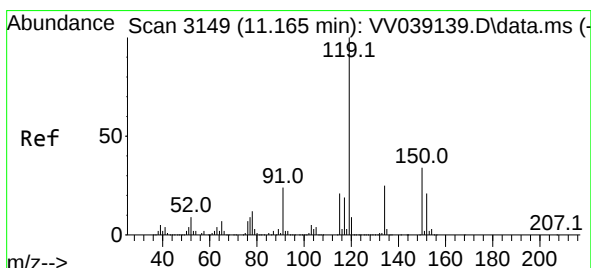
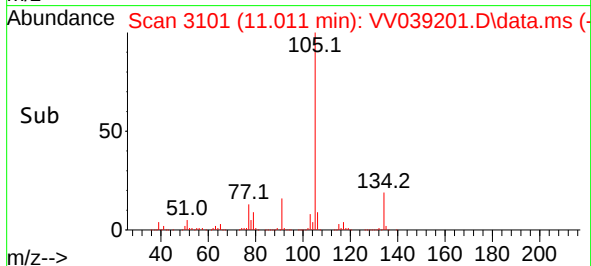
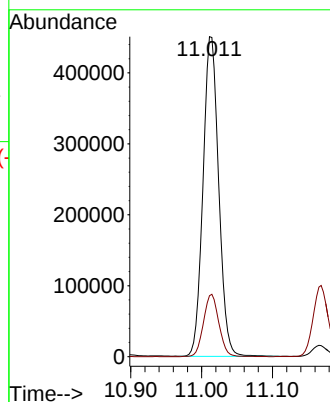
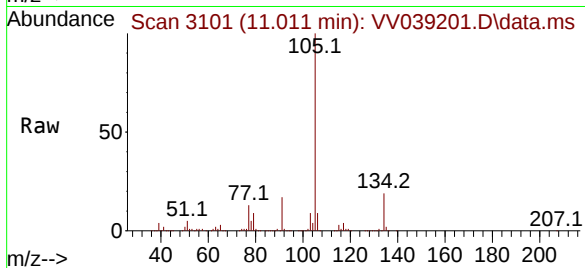
VV0926WBS01

Tgt Ion:105 Resp: 691659

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.107 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

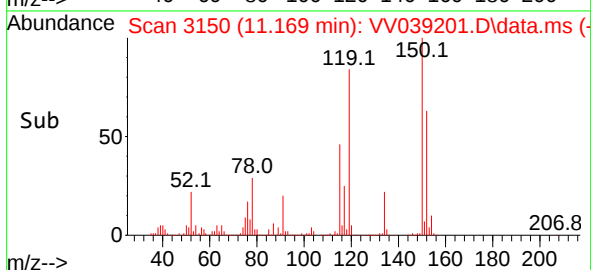
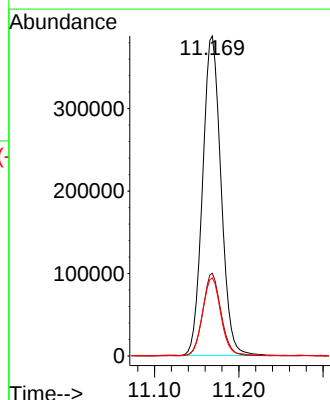
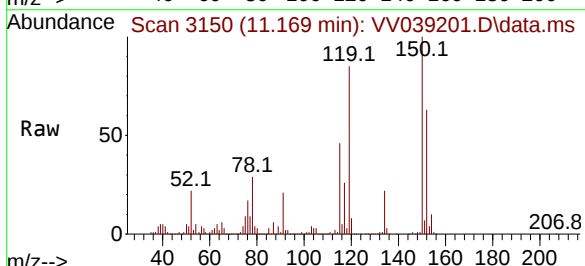
Tgt Ion:119 Resp: 589760

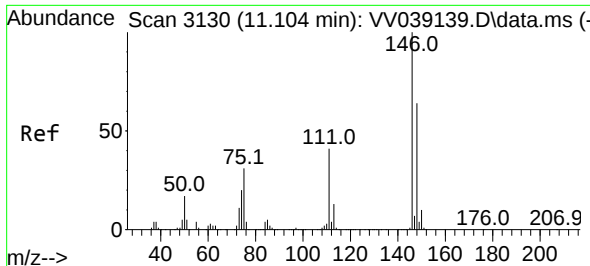
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 24.2 12.0 36.1

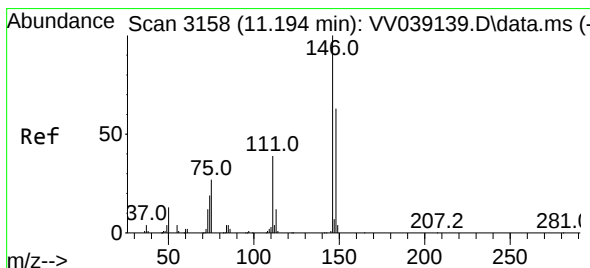
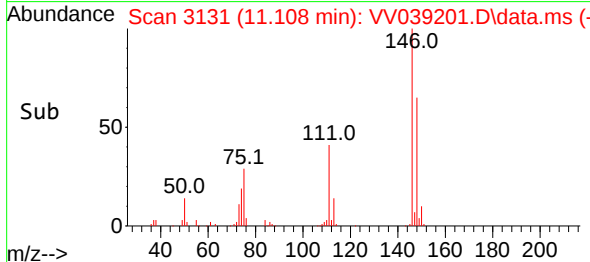
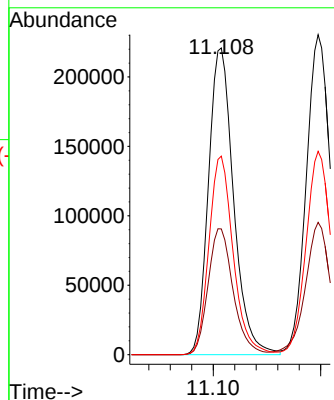
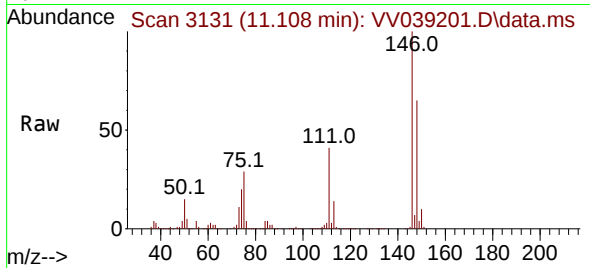




#87
1,3-Dichlorobenzene
Concen: 19.156 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

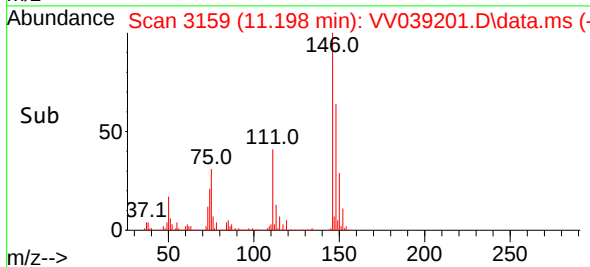
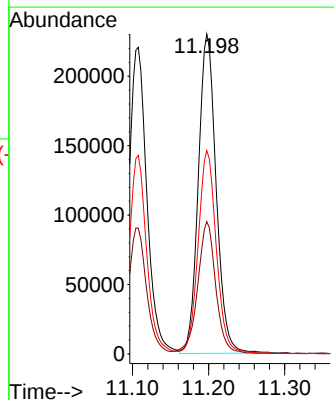
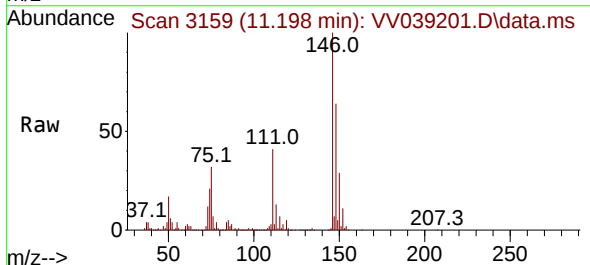
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

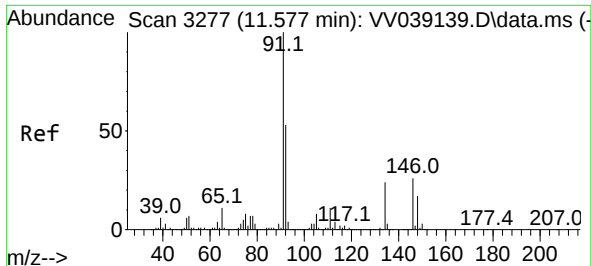
Tgt Ion:146 Resp: 358060
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 62.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 18.305 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:146 Resp: 375372
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.8
148 64.3 31.4 94.2





#89

n-Butylbenzene

Concen: 17.357 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

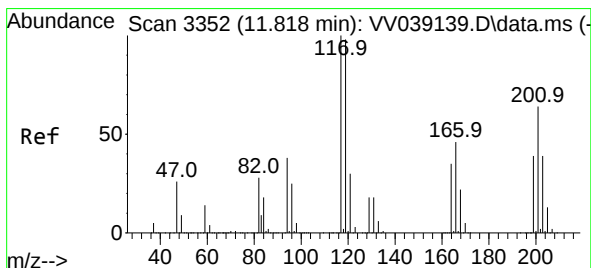
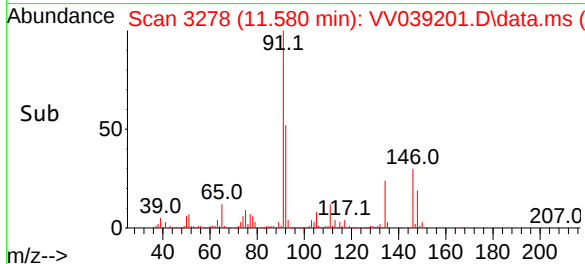
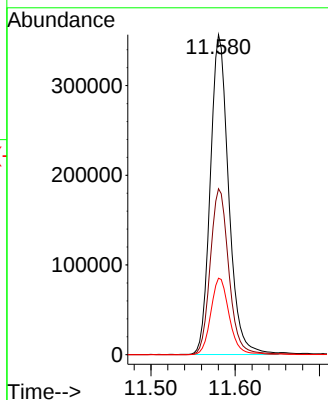
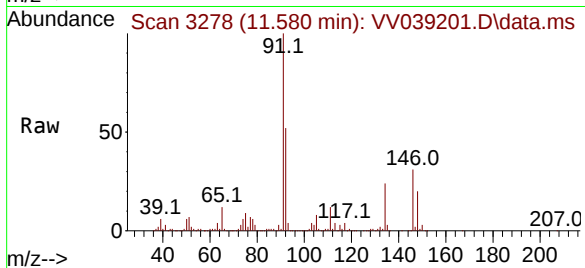
Tgt Ion: 91 Resp: 539925

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.8

134 24.0 12.1 36.3



#90

Hexachloroethane

Concen: 16.198 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039201.D

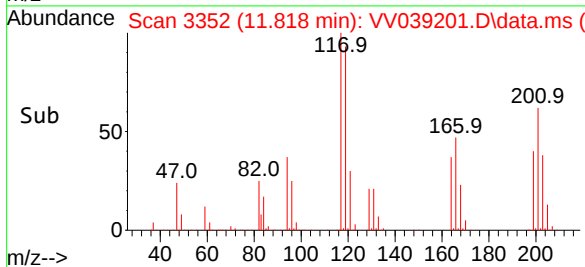
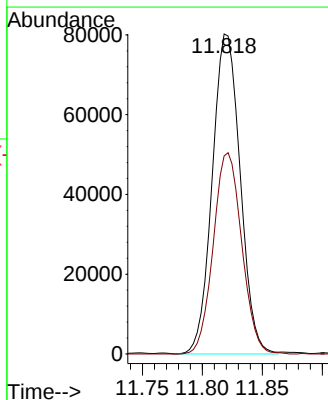
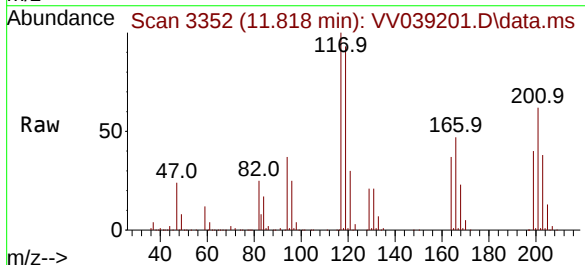
Acq: 26 Sep 2025 10:49

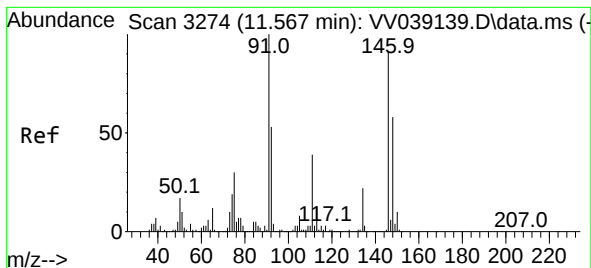
Tgt Ion: 117 Resp: 129925

Ion Ratio Lower Upper

117 100

201 63.9 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 18.868 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBS01

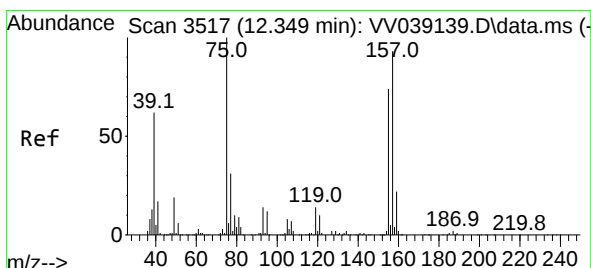
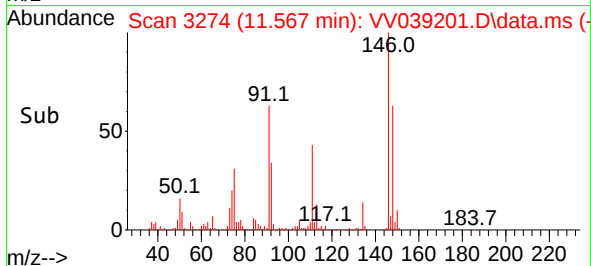
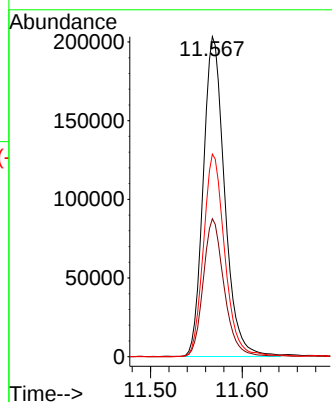
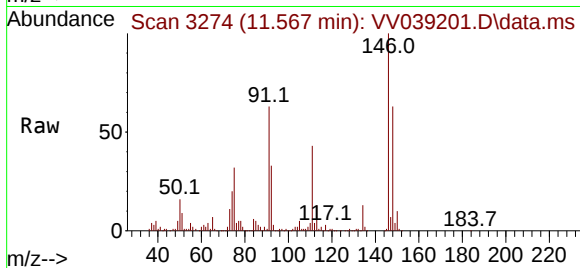
Tgt Ion:146 Resp: 329507

Ion Ratio Lower Upper

146 100

111 42.1 21.5 64.5

148 63.6 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.458 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039201.D

Acq: 26 Sep 2025 10:49

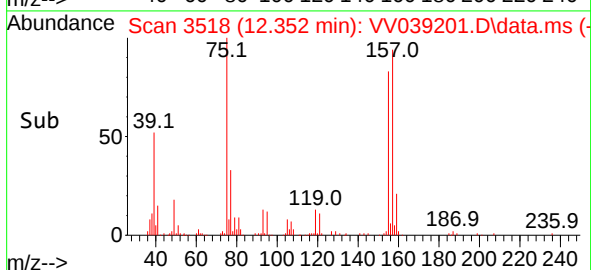
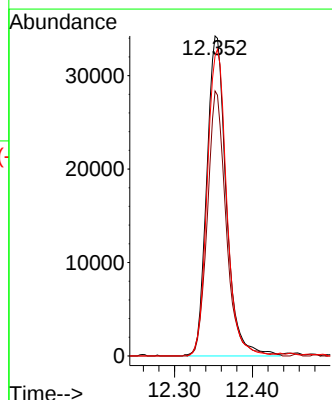
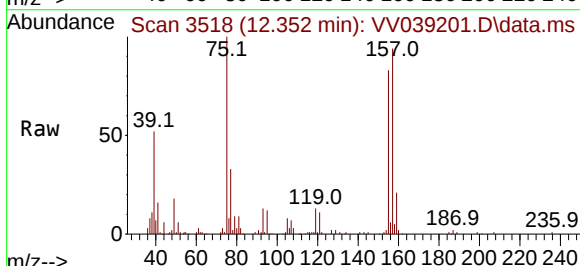
Tgt Ion: 75 Resp: 59548

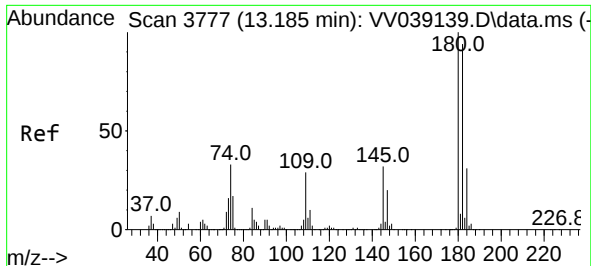
Ion Ratio Lower Upper

75 100

155 79.7 38.6 115.8

157 95.4 49.5 148.3

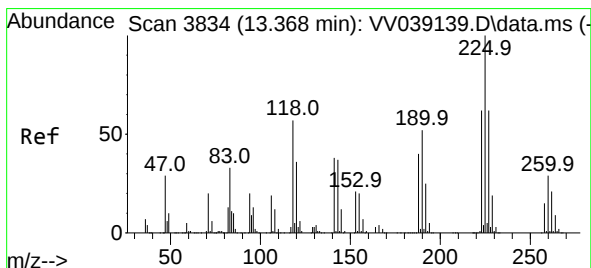
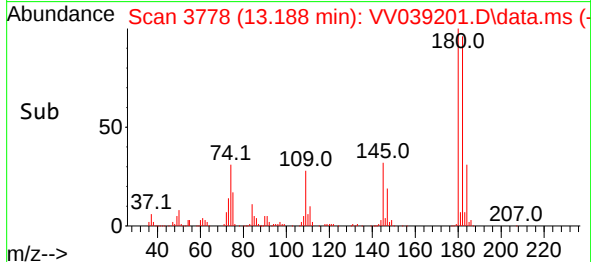
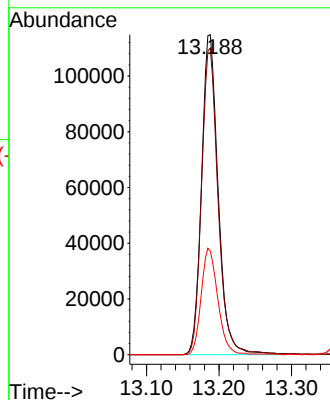
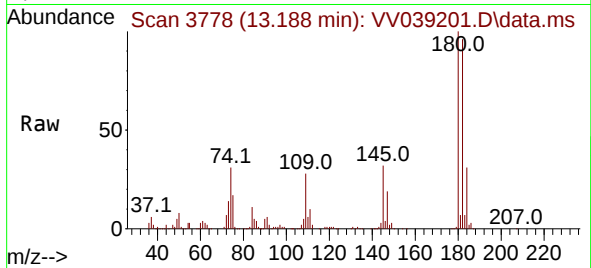




#93
1,2,4-Trichlorobenzene
Concen: 18.284 ug/l
RT: 13.188 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

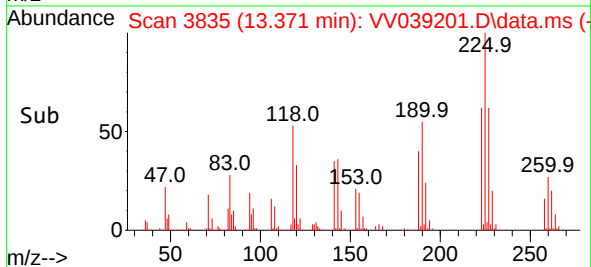
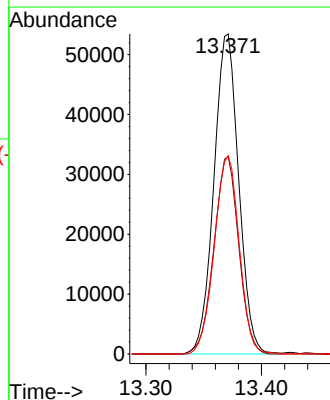
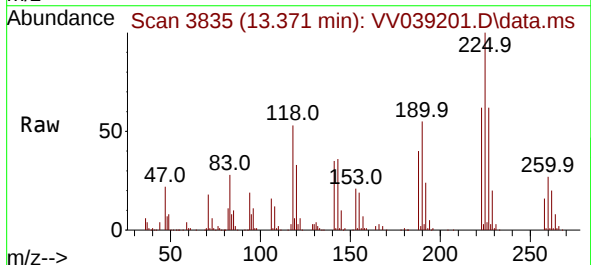
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

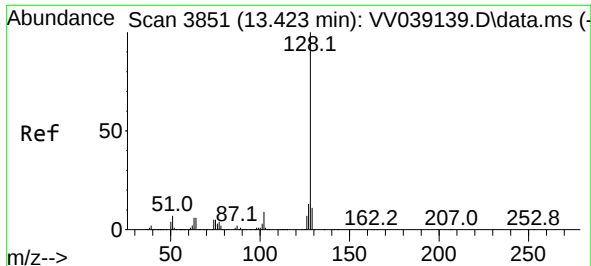
Tgt Ion:180 Resp: 183040
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 33.2 16.3 48.8



#94
Hexachlorobutadiene
Concen: 15.334 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:225 Resp: 79764
Ion Ratio Lower Upper
225 100
223 61.8 31.6 94.7
227 62.1 31.8 95.4

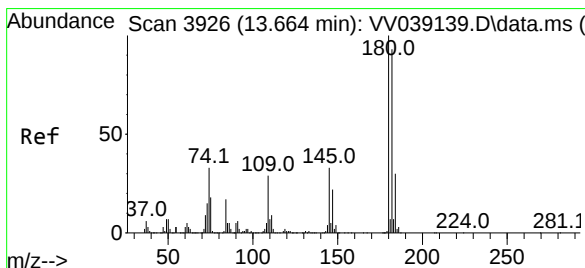
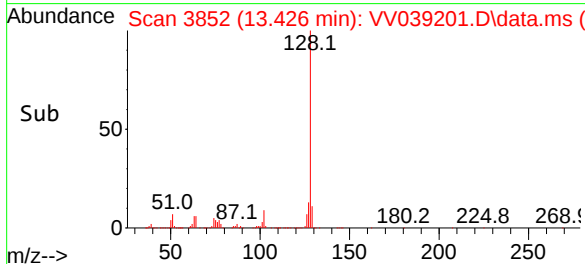
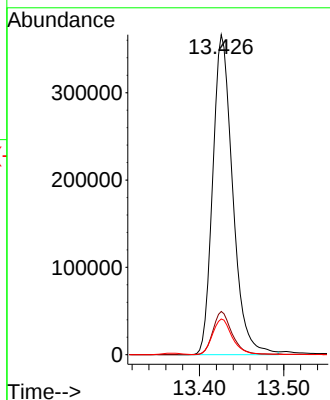
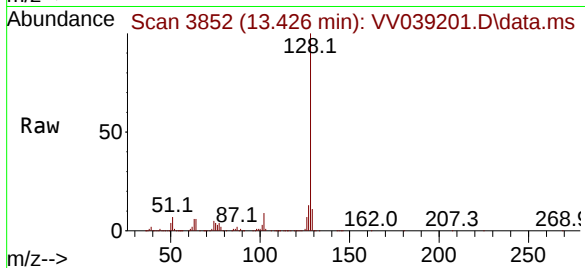




#95
Naphthalene
Concen: 18.623 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Instrument :
MSVOA_V
ClientSampleId :
VV0926WBS01

Tgt Ion:128 Resp: 602556
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.424 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039201.D
Acq: 26 Sep 2025 10:49

Tgt Ion:180 Resp: 188633
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.8
145 34.5 17.0 51.0

