

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091725\
 Data File : VW032180.D
 Acq On : 17 Sep 2025 10:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 04:30:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	207877	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	354374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	325911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	146492	49.276	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.560%
35) Dibromofluoromethane	7.892	113	120171	48.334	ug/l	-0.01
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.660%
50) Toluene-d8	10.331	98	437005	50.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.617	95	156849	48.598	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60946	44.406	ug/l	99
3) Chloromethane	2.253	50	72188	50.166	ug/l	100
4) Vinyl Chloride	2.405	62	101933	54.538	ug/l	99
5) Bromomethane	2.826	94	81624	48.905	ug/l	97
6) Chloroethane	2.972	64	71120	54.033	ug/l	99
7) Trichlorofluoromethane	3.302	101	93261	50.360	ug/l	97
8) Diethyl Ether	3.716	74	70855	51.271	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	110742	53.084	ug/l	98
10) Methyl Iodide	4.301	142	153136	48.209	ug/l	98
11) Tert butyl alcohol	5.204	59	39576	217.635	ug/l	98
12) 1,1-Dichloroethene	4.076	96	119853	54.553	ug/l	98
13) Acrolein	3.930	56	17979	64.319	ug/l	94
14) Allyl chloride	4.704	41	155163	49.720	ug/l	99
15) Acrylonitrile	5.399	53	153871	229.009	ug/l	100
16) Acetone	4.155	43	160553	249.365	ug/l	95
17) Carbon Disulfide	4.417	76	259700	47.262	ug/l	100
18) Methyl Acetate	4.710	43	104203	50.796	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	203743	49.110	ug/l	95
20) Methylene Chloride	4.954	84	127725	48.294	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	116918	47.638	ug/l	91
22) Diisopropyl ether	6.338	45	337757	49.728	ug/l	97
23) Vinyl Acetate	6.277	43	1117393	241.971	ug/l	99
24) 1,1-Dichloroethane	6.240	63	214430	48.224	ug/l	99
25) 2-Butanone	7.191	43	209032	229.114	ug/l	100
26) 2,2-Dichloropropane	7.185	77	123741	52.550	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	143605	48.085	ug/l	98
28) Bromochloromethane	7.526	49	102479	50.346	ug/l	94
29) Tetrahydrofuran	7.551	42	133603	230.443	ug/l	99
30) Chloroform	7.691	83	248477	48.944	ug/l	97
31) Cyclohexane	7.965	56	168610	46.199	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	187317	50.544	ug/l	99
36) 1,1-Dichloropropene	8.093	75	160638	49.831	ug/l	99
37) Ethyl Acetate	7.270	43	93132	48.159	ug/l	96
38) Carbon Tetrachloride	8.081	117	171304	49.571	ug/l	94
39) Methylcyclohexane	9.343	83	192104	50.312	ug/l	99
40) Benzene	8.331	78	482315	48.403	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51115	47.575	ug/l	94
42) 1,2-Dichloroethane	8.410	62	164413	47.595	ug/l	99
43) Isopropyl Acetate	8.435	43	174025	47.969	ug/l	99
44) Trichloroethene	9.099	130	119772	47.796	ug/l	89
45) 1,2-Dichloropropane	9.374	63	116527	48.510	ug/l	98
46) Dibromomethane	9.465	93	80823	47.971	ug/l	92
47) Bromodichloromethane	9.648	83	189054	49.378	ug/l	100
48) Methyl methacrylate	9.441	41	79643	47.636	ug/l	98
49) 1,4-Dioxane	9.465	88	19045	935.571	ug/l	97
51) 4-Methyl-2-Pentanone	10.209	43	489794	239.099	ug/l	98
52) Toluene	10.386	92	311307	47.808	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	168494	49.886	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	191815	49.771	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	103251	47.127	ug/l	93
56) Ethyl methacrylate	10.648	69	137021	48.919	ug/l	99
57) 1,3-Dichloropropane	10.934	76	174068	47.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	384574	257.235	ug/l	100
59) 2-Hexanone	10.971	43	349095	245.035	ug/l	97
60) Dibromochloromethane	11.130	129	126731	47.804	ug/l	100
61) 1,2-Dibromoethane	11.239	107	99739	46.293	ug/l	98
64) Tetrachloroethene	10.867	164	97014	45.227	ug/l	92
65) Chlorobenzene	11.654	112	352023	47.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	117418	48.077	ug/l	100
67) Ethyl Benzene	11.727	91	603307	49.638	ug/l	98
68) m/p-Xylenes	11.837	106	467756	99.997	ug/l	97
69) o-Xylene	12.166	106	213423	48.235	ug/l	97
70) Styrene	12.178	104	391465	50.190	ug/l	98
71) Bromoform	12.349	173	70427	48.552	ug/l #	98
73) Isopropylbenzene	12.459	105	567413	51.440	ug/l	99
74) N-amyl acetate	12.270	43	158567	49.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	127627	48.686	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	160389	78.849	ug/l	41
77) Bromobenzene	12.745	156	136187	48.415	ug/l	98
78) n-propylbenzene	12.800	91	705736	52.698	ug/l	97
79) 2-Chlorotoluene	12.891	91	423395	51.701	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	481635	51.571	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	39456	52.226	ug/l	98
82) 4-Chlorotoluene	12.989	91	446296	50.913	ug/l	99
83) tert-Butylbenzene	13.202	119	413346	52.199	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	506540	52.425	ug/l	99
85) sec-Butylbenzene	13.379	105	595748	50.389	ug/l	100
86) p-Isopropyltoluene	13.495	119	536969	53.407	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	272444	48.103	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	270468	47.643	ug/l	98
89) n-Butylbenzene	13.818	91	519830	54.230	ug/l	97
90) Hexachloroethane	14.086	117	97421	52.973	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	246361	49.130	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	22137	47.801	ug/l	91
93) 1,2,4-Trichlorobenzene	15.123	180	146267	45.655	ug/l	99
94) Hexachlorobutadiene	15.226	225	67378	42.405	ug/l	92
95) Naphthalene	15.360	128	352419	48.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	137693	46.213	ug/l	98

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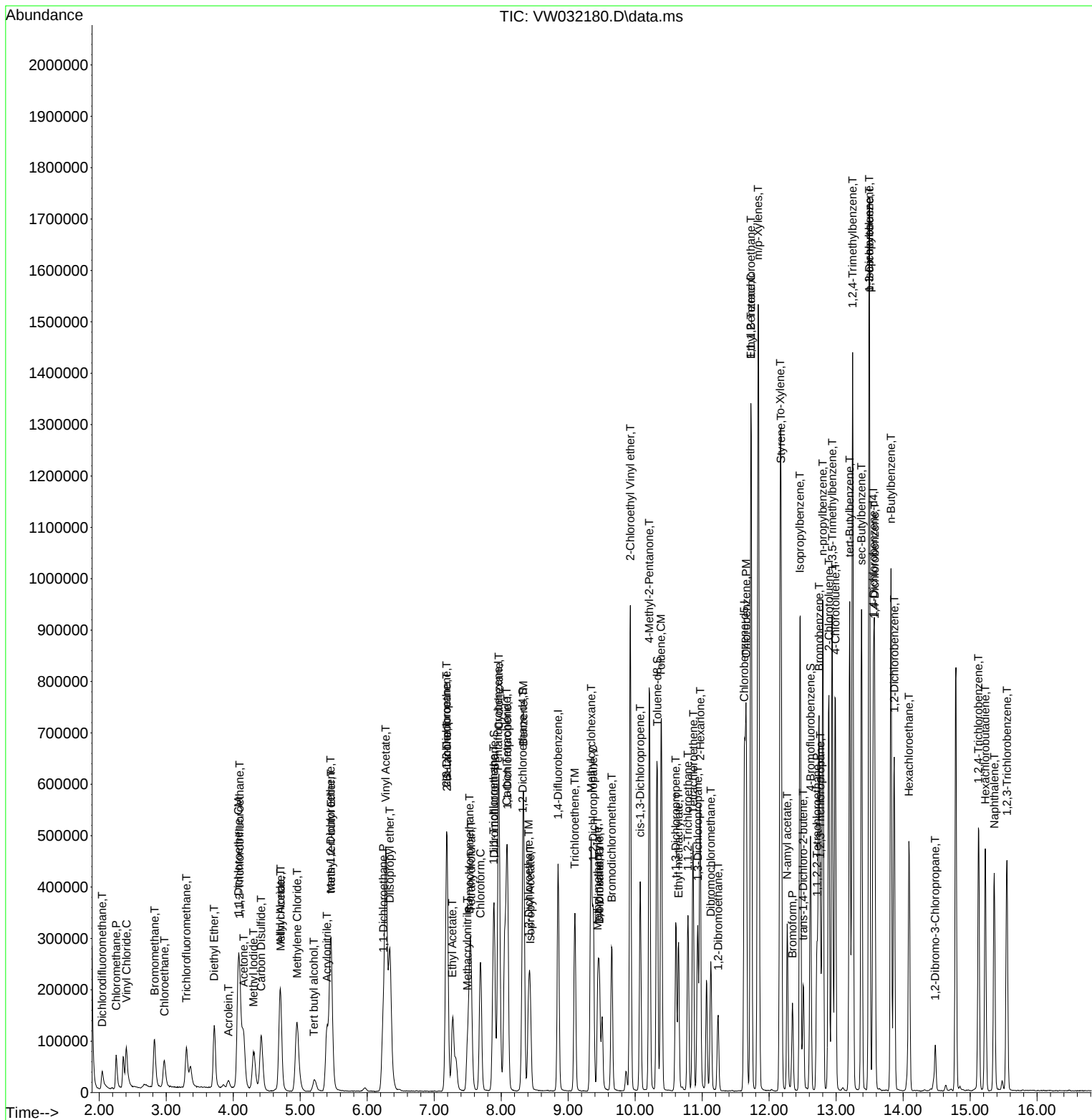
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MSVOA_W
ClientSampleId :

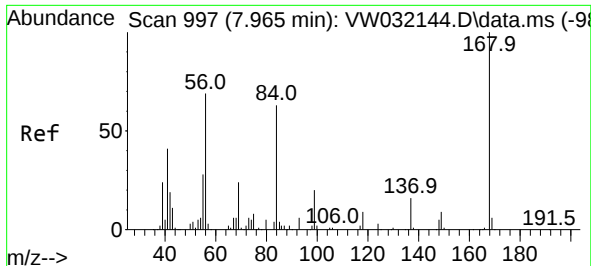
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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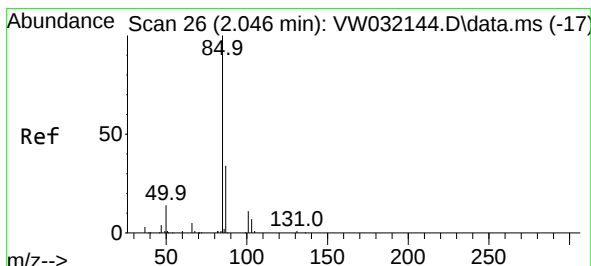
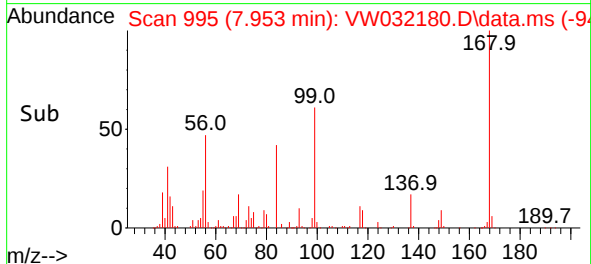
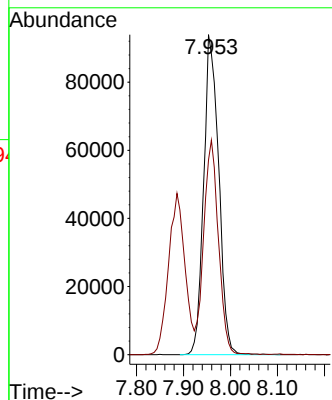
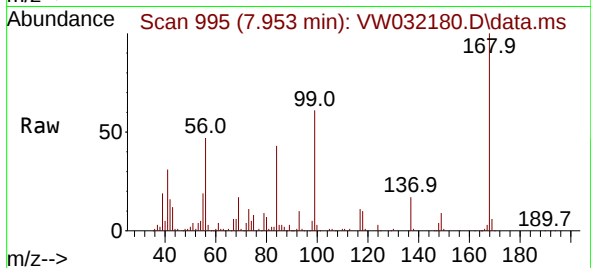




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW032180.D
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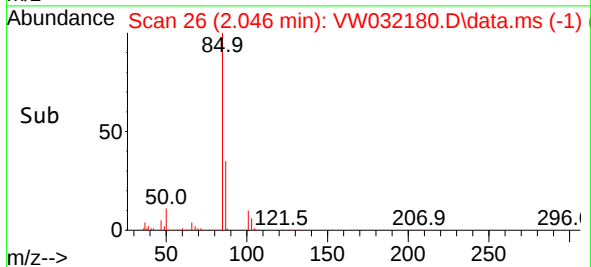
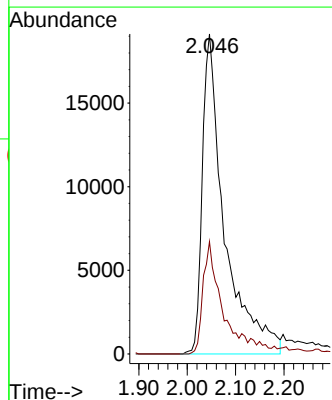
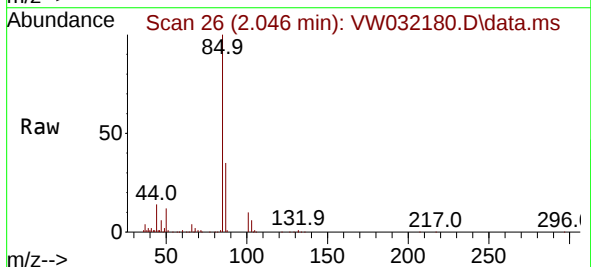
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ClientSampleId :

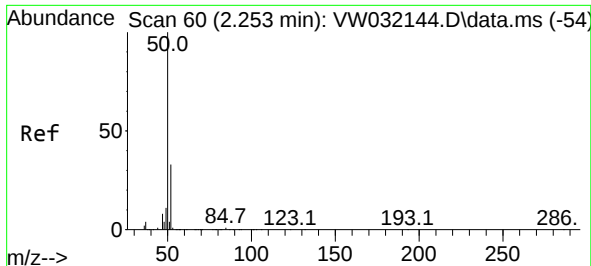
Tgt Ion:168 Resp: 207877
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 44.406 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 85 Resp: 60946
Ion Ratio Lower Upper
85 100
87 35.1 17.2 51.6

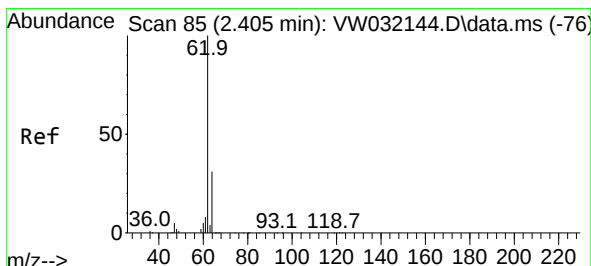
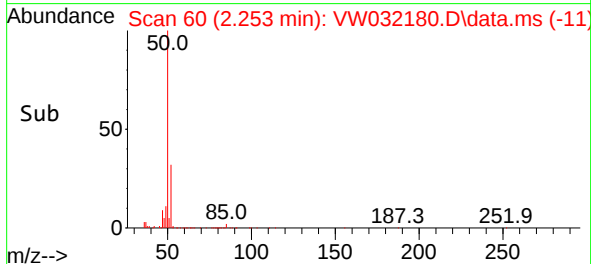
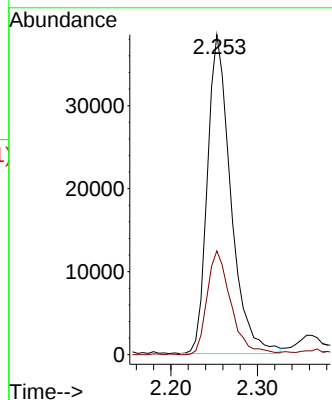
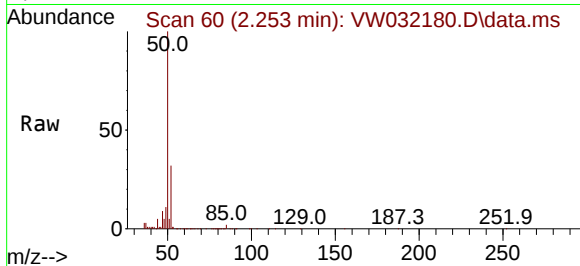




#3
Chloromethane
Concen: 50.166 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

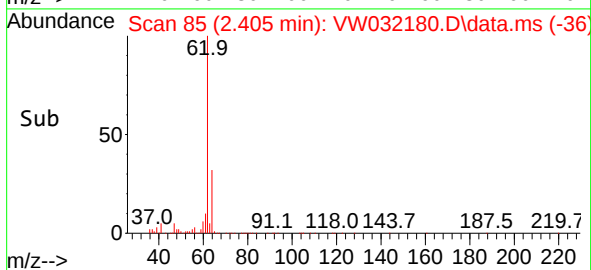
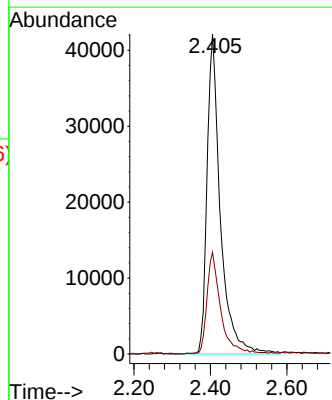
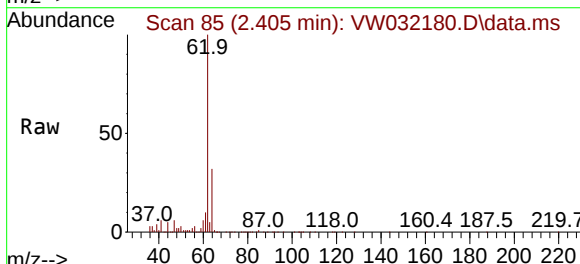
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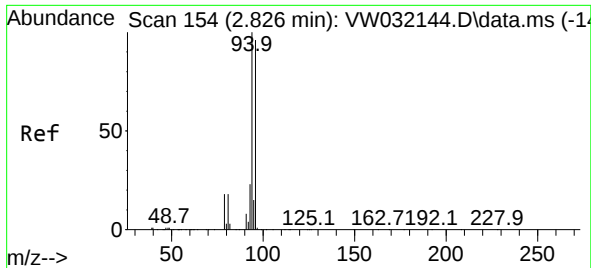
Tgt Ion: 50 Resp: 72188
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 54.538 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 62 Resp: 101933
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

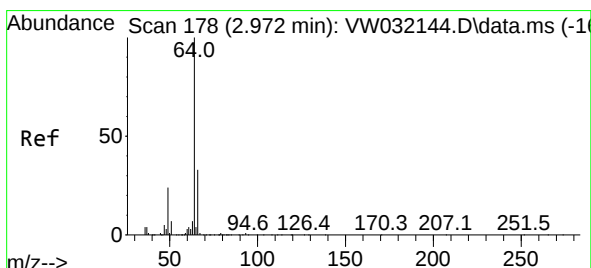
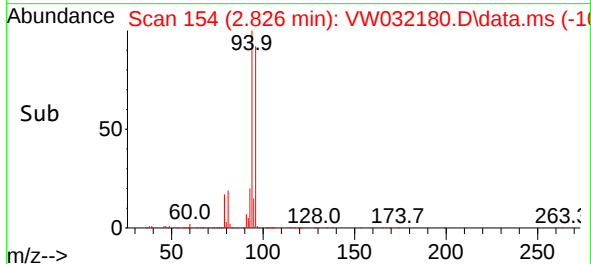
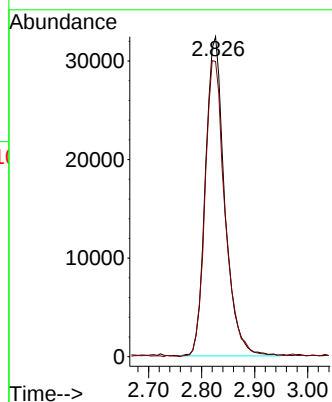
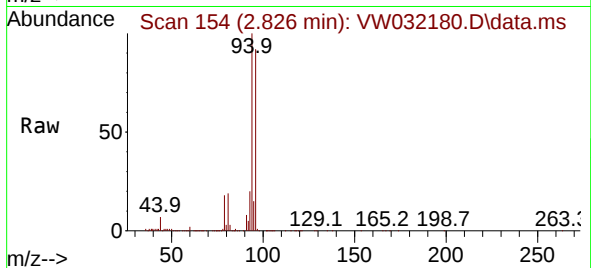




#5
Bromomethane
Concen: 48.905 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

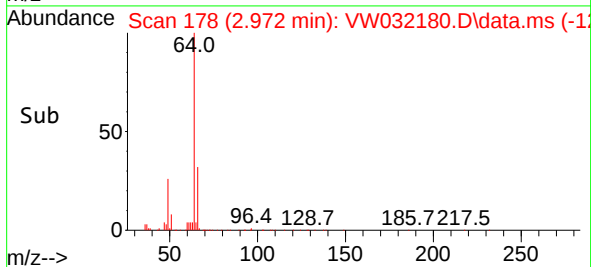
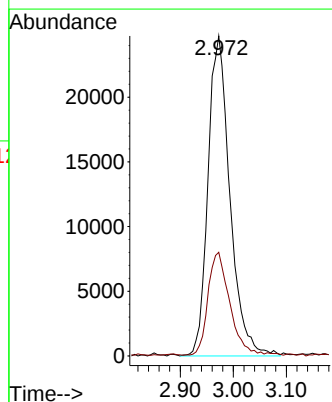
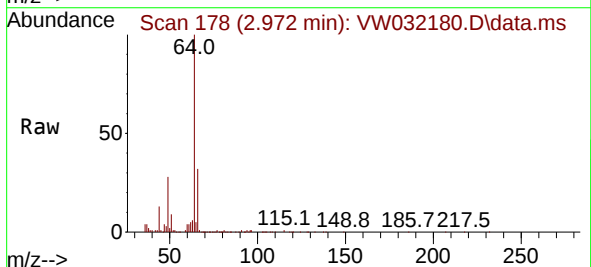
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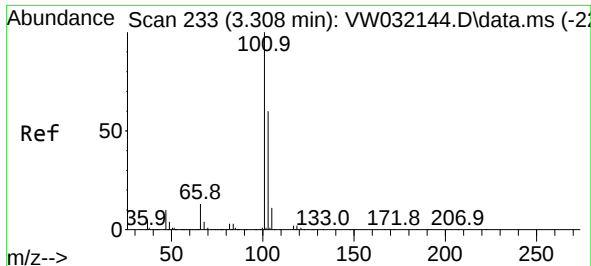
Tgt Ion: 94 Resp: 81624
Ion Ratio Lower Upper
94 100
96 92.5 76.6 115.0



#6
Chloroethane
Concen: 54.033 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 64 Resp: 71120
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4

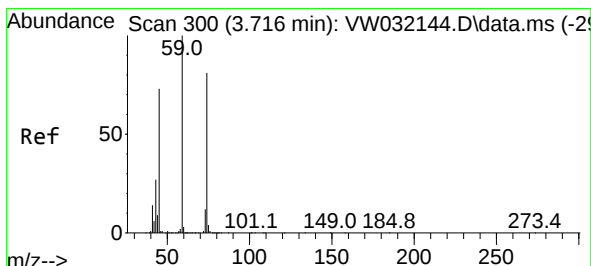
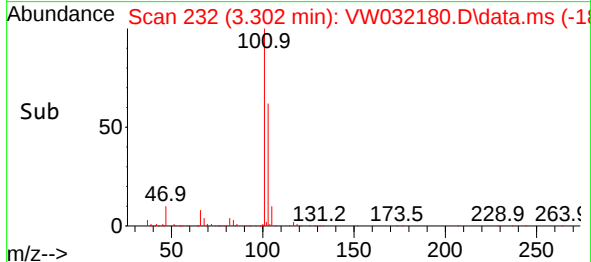
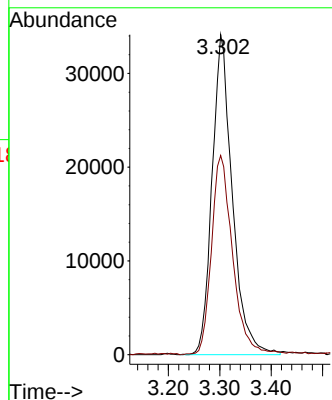
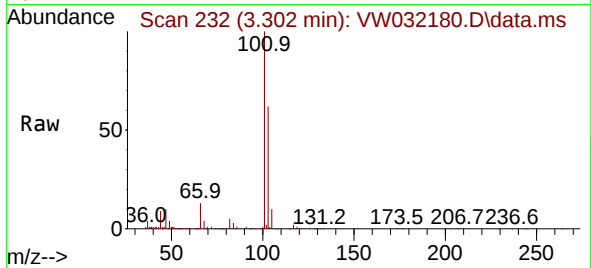




#7
 Trichlorofluoromethane
 Concen: 50.360 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

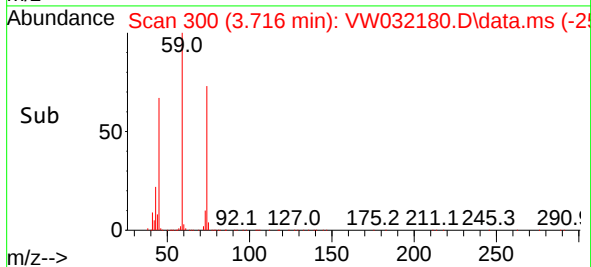
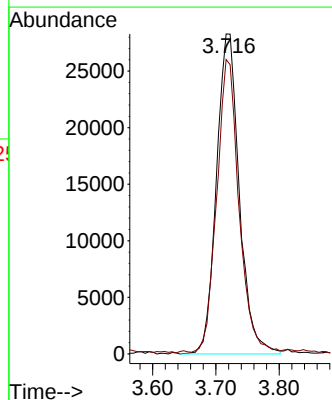
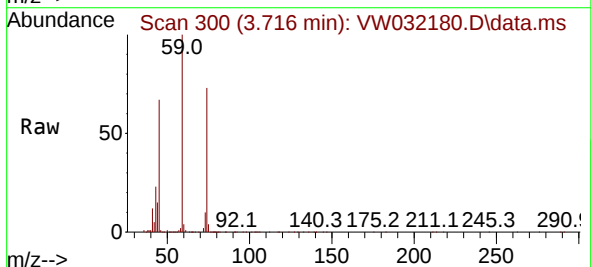
Instrument :
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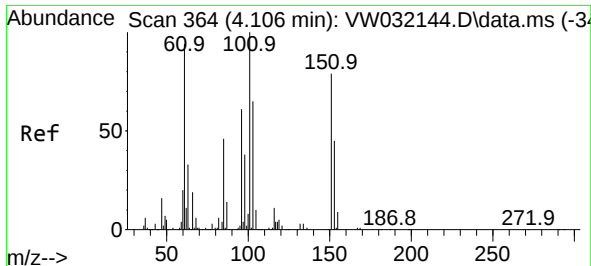
Tgt Ion:101 Resp: 93261
 Ion Ratio Lower Upper
 101 100
 103 62.3 47.8 71.8



#8
 Diethyl Ether
 Concen: 51.271 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
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 Acq: 17 Sep 2025 10:50

Tgt Ion: 74 Resp: 70855
 Ion Ratio Lower Upper
 74 100
 45 88.4 43.1 129.4

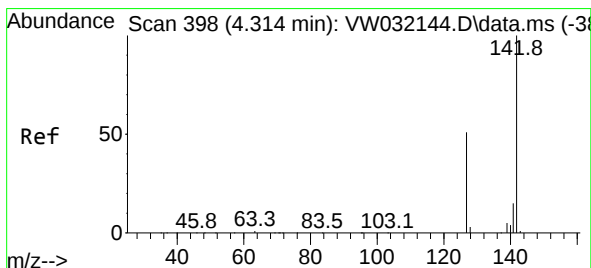
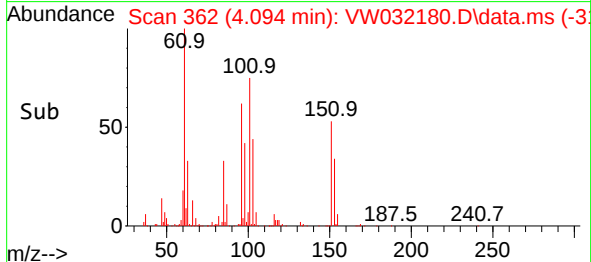
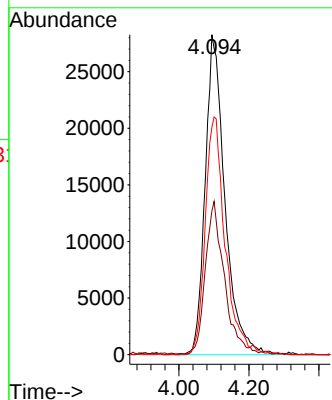
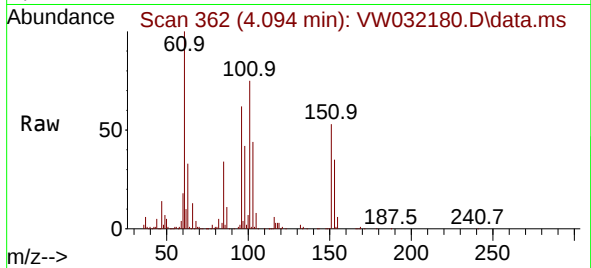




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.084 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

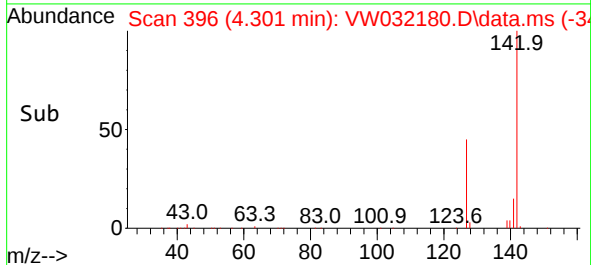
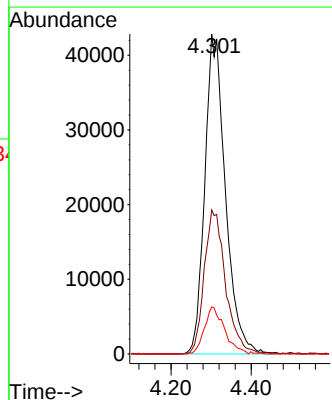
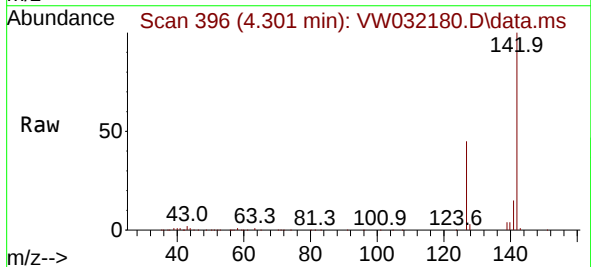
Instrument :
MSVOA_W
ClientSampleId :

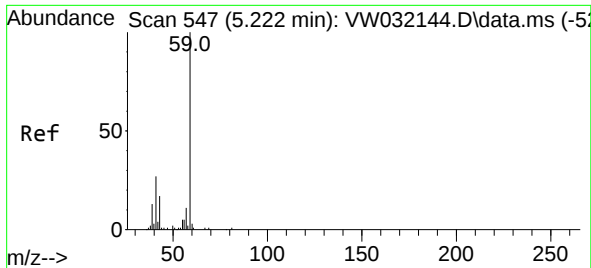
Tgt Ion:101 Resp: 110742
Ion Ratio Lower Upper
101 100
85 45.6 37.1 55.7
151 74.9 61.5 92.3



#10
Methyl Iodide
Concen: 48.209 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

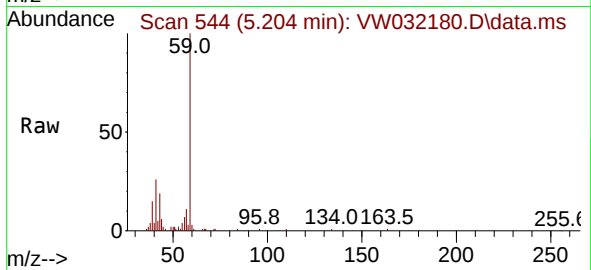
Tgt Ion:142 Resp: 153136
Ion Ratio Lower Upper
142 100
127 46.6 38.2 57.2
141 14.3 12.2 18.2



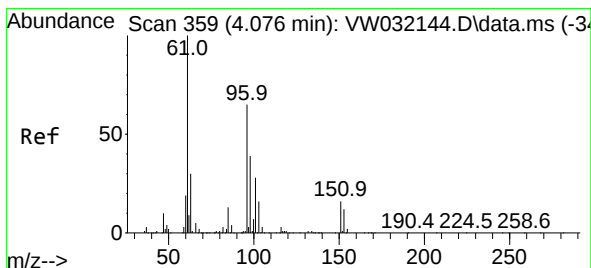
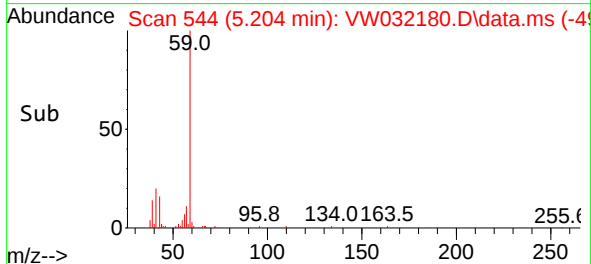
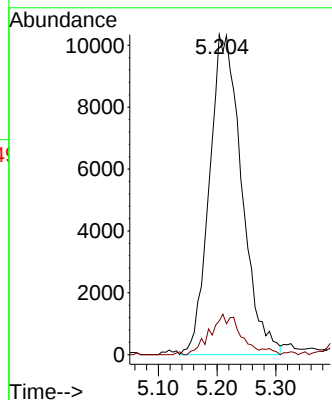


#11
Tert butyl alcohol
Concen: 217.635 ug/l
RT: 5.204 min Scan# 547
Delta R.T. -0.018 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :

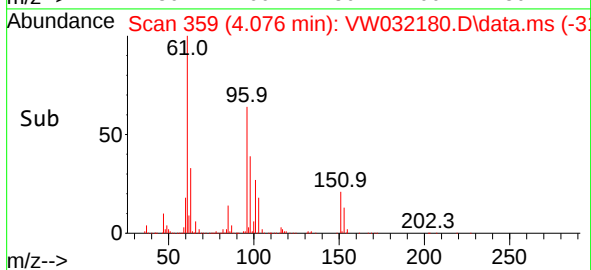
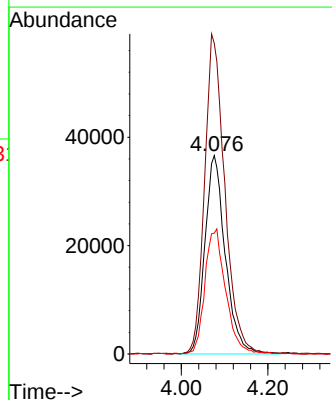
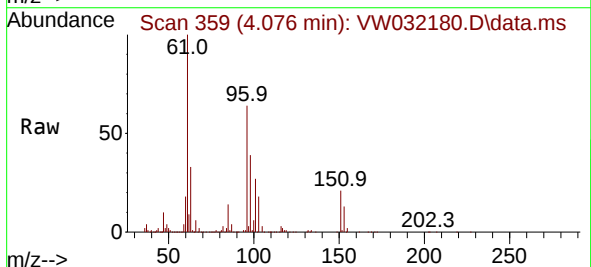


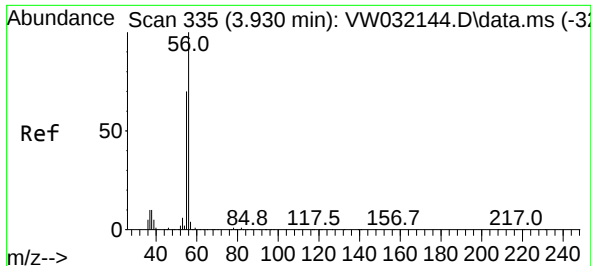
Tgt Ion: 59 Resp: 39576
Ion Ratio Lower Upper
59 100
57 11.6 9.8 14.6



#12
1,1-Dichloroethene
Concen: 54.553 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 96 Resp: 119853
Ion Ratio Lower Upper
96 100
61 156.5 123.0 184.4
98 60.8 48.5 72.7

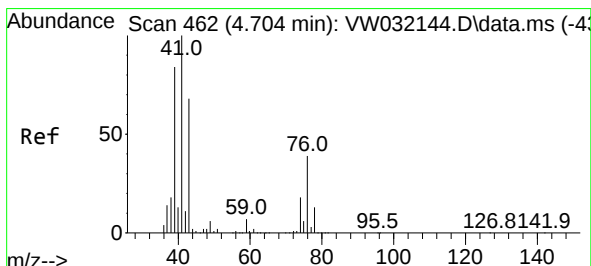
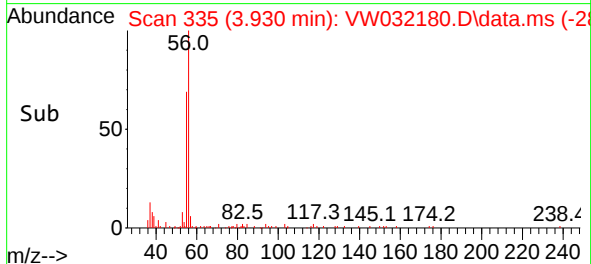
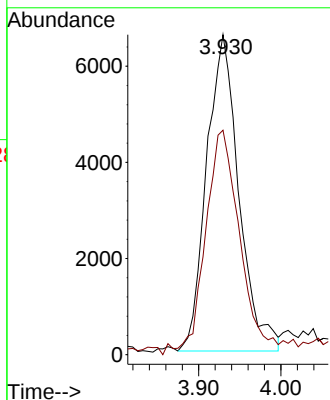
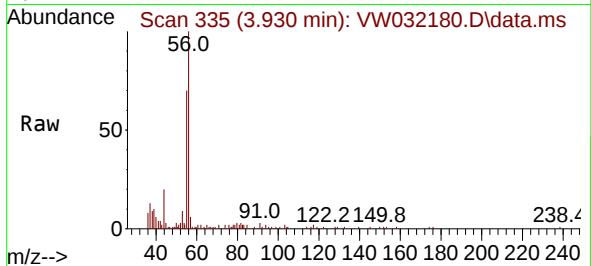




#13
Acrolein
Concen: 64.319 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

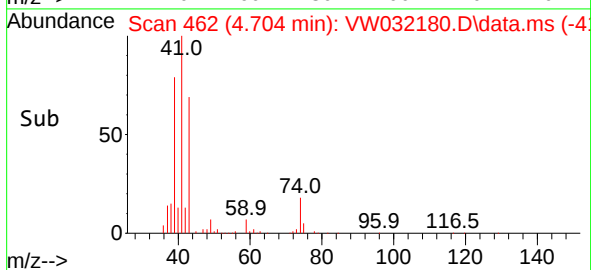
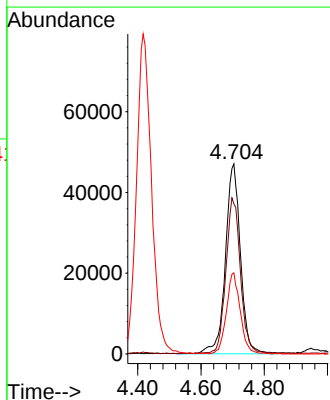
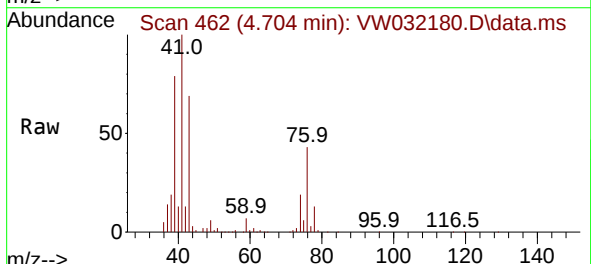
Instrument :
MSVOA_W
ClientSampleId :

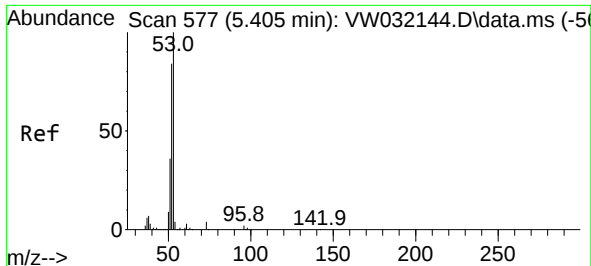
Tgt Ion: 56 Resp: 17979
Ion Ratio Lower Upper
56 100
55 75.6 56.4 84.6



#14
Allyl chloride
Concen: 49.720 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 41 Resp: 155163
Ion Ratio Lower Upper
41 100
39 79.4 64.1 96.1
76 39.3 31.4 47.2

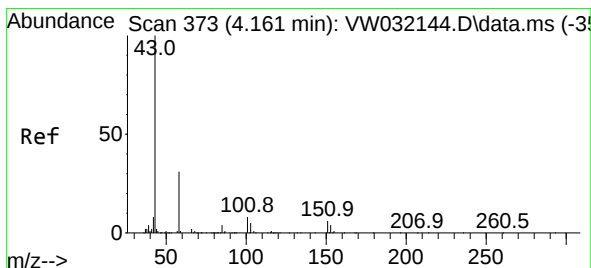
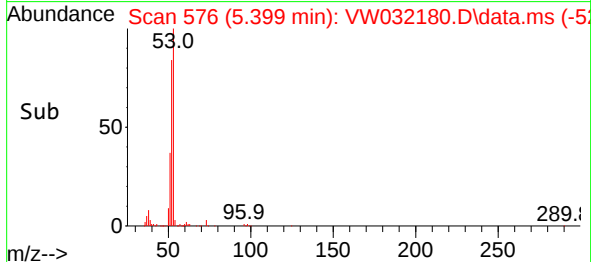
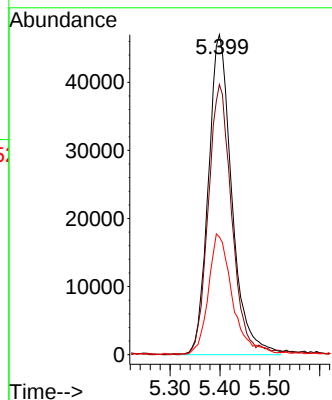
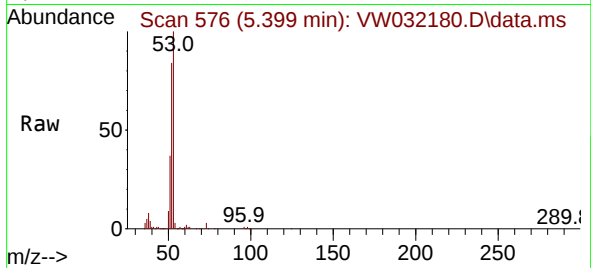




#15
Acrylonitrile
Concen: 229.009 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

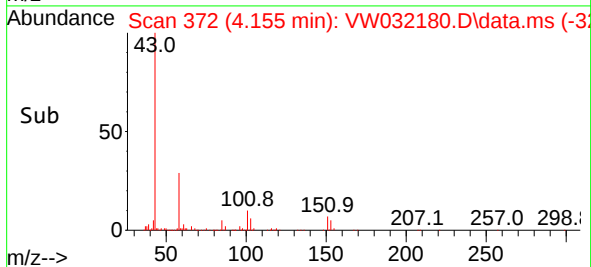
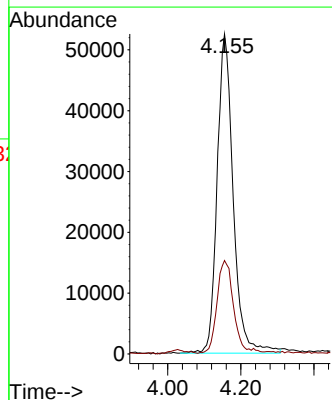
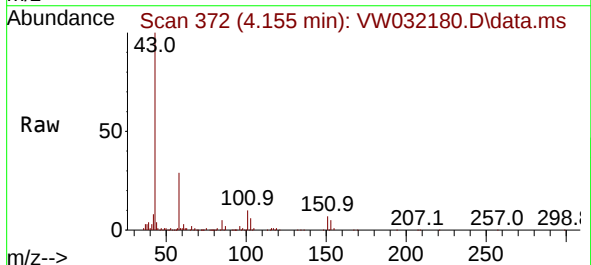
Instrument :
MSVOA_W
ClientSampleId :

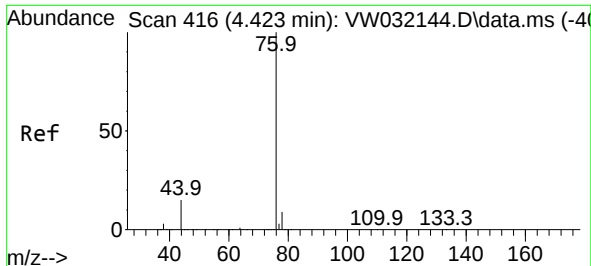
Tgt Ion: 53 Resp: 153871
Ion Ratio Lower Upper
53 100
52 84.0 67.4 101.2
51 38.4 30.3 45.5



#16
Acetone
Concen: 249.365 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 43 Resp: 160553
Ion Ratio Lower Upper
43 100
58 28.7 25.3 37.9

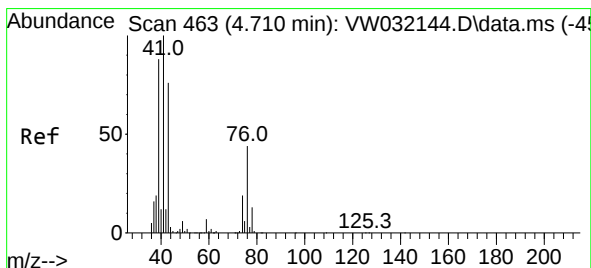
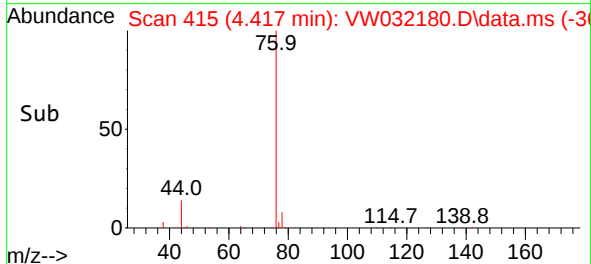
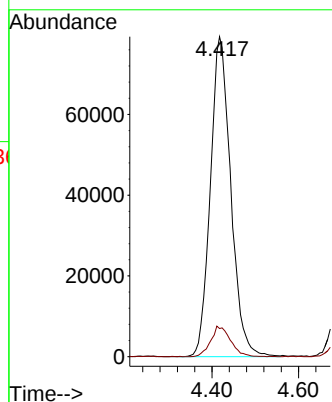
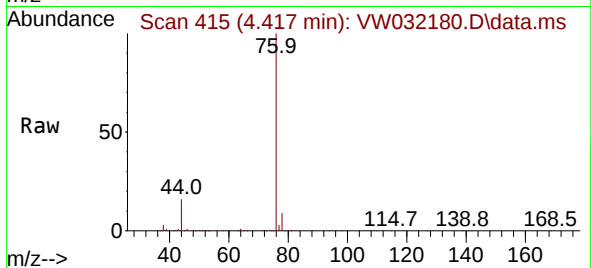




#17
Carbon Disulfide
Concen: 47.262 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

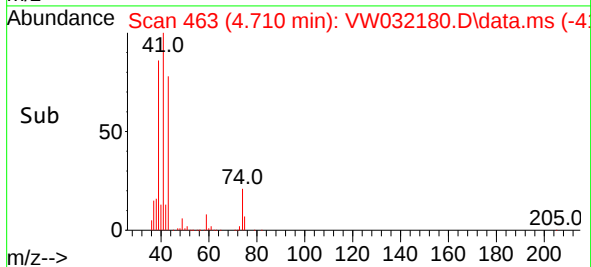
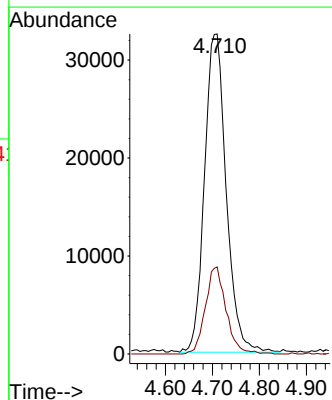
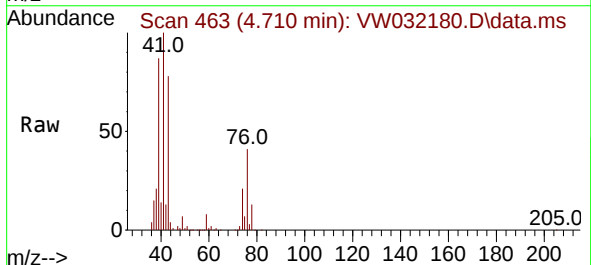
Instrument :
MSVOA_W
ClientSampleId :

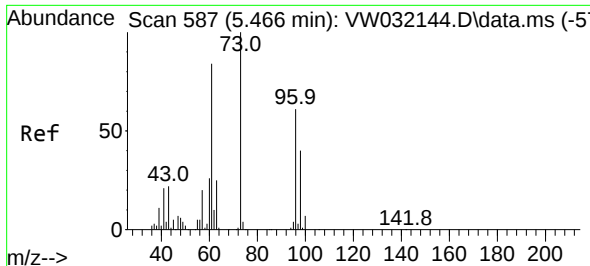
Tgt Ion: 76 Resp: 259700
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 50.796 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 43 Resp: 104203
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.4

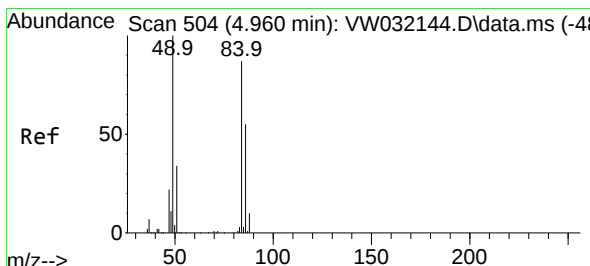
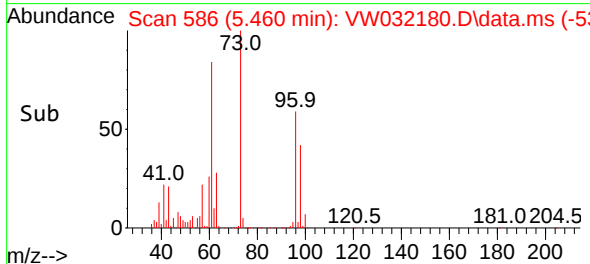
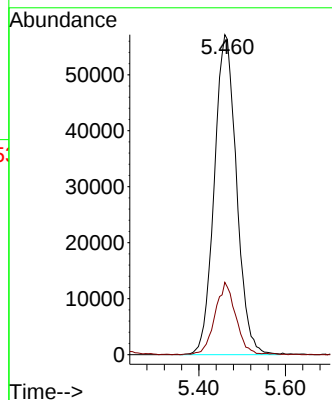
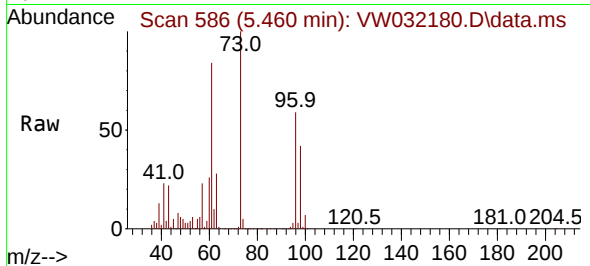




#19
Methyl tert-butyl Ether
Concen: 49.110 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

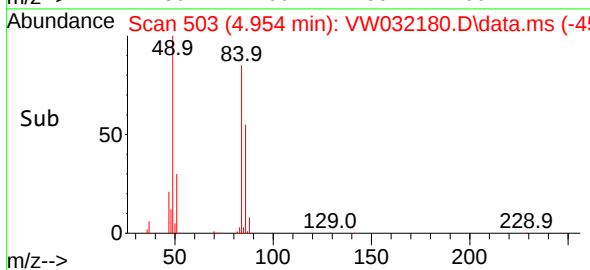
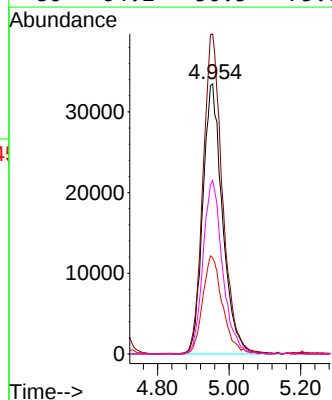
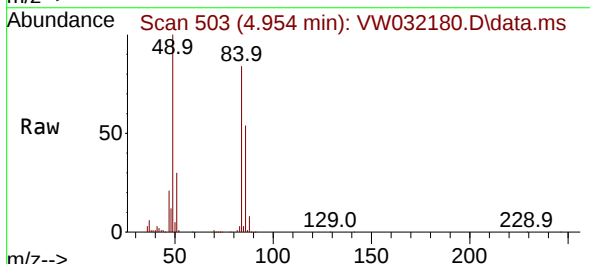
Instrument :
MSVOA_W
ClientSampleId :

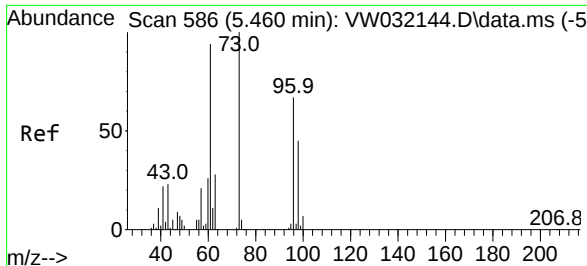
Tgt Ion: 73 Resp: 203743
Ion Ratio Lower Upper
73 100
57 22.6 16.2 24.4



#20
Methylene Chloride
Concen: 48.294 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 84 Resp: 127725
Ion Ratio Lower Upper
84 100
49 118.3 92.2 138.4
51 35.6 31.0 46.6
86 64.2 50.5 75.7

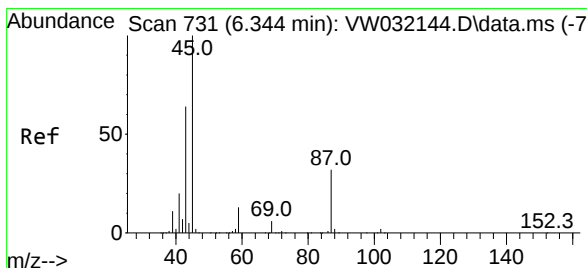
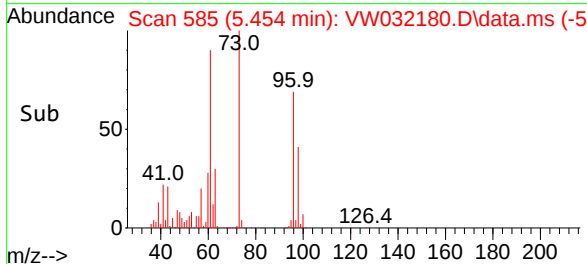
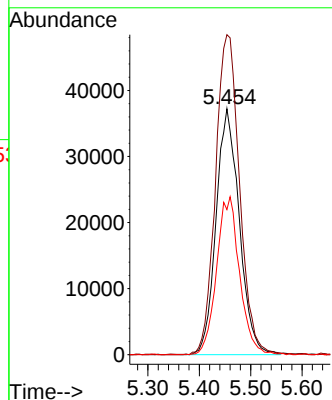
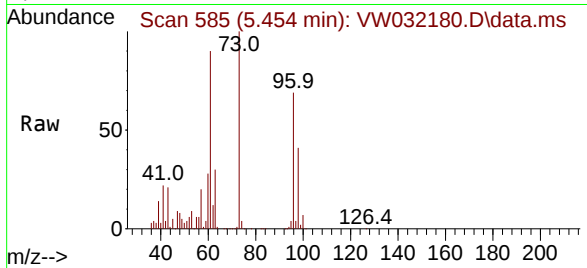




#21
trans-1,2-Dichloroethene
Concen: 47.638 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

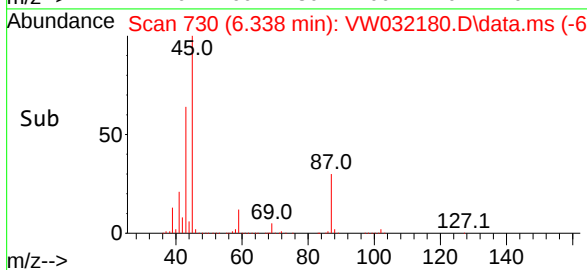
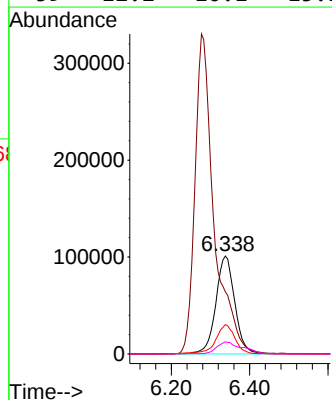
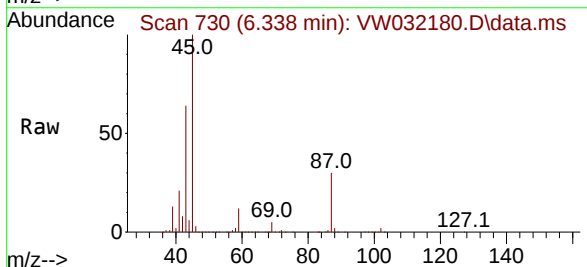
Instrument :
MSVOA_W
ClientSampleId :

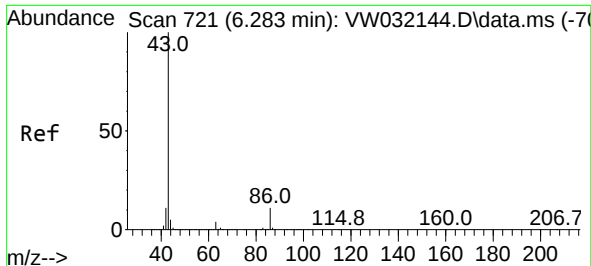
Tgt Ion: 96 Resp: 116918
Ion Ratio Lower Upper
96 100
61 130.0 112.5 168.7
98 59.0 54.2 81.4



#22
Diisopropyl ether
Concen: 49.728 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 45 Resp: 337757
Ion Ratio Lower Upper
45 100
43 62.8 51.4 77.2
87 29.9 25.9 38.9
59 12.2 10.1 15.1

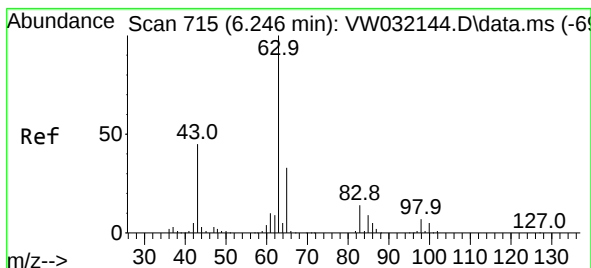
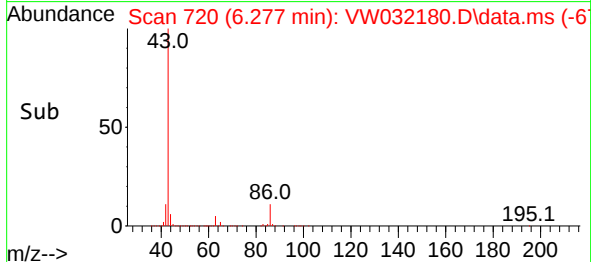
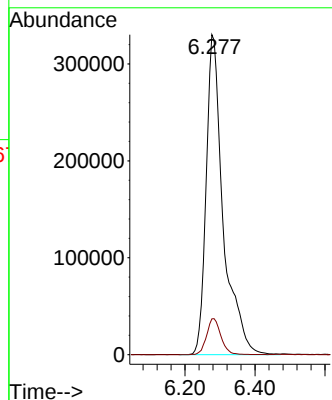
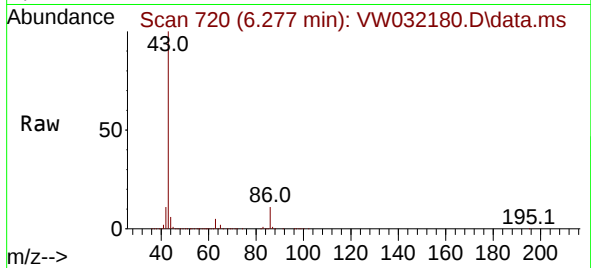




#23
 Vinyl Acetate
 Concen: 241.971 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

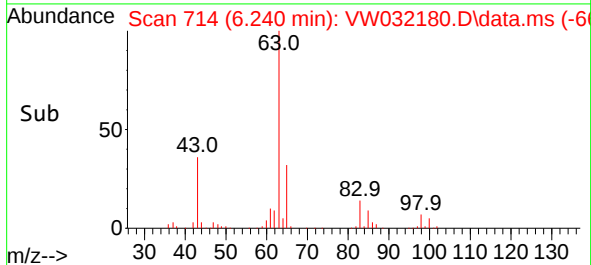
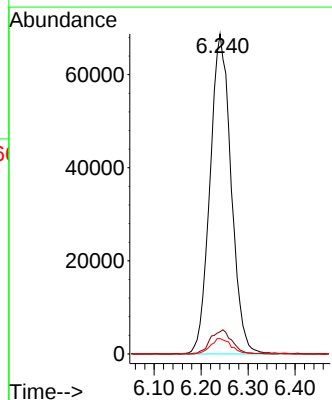
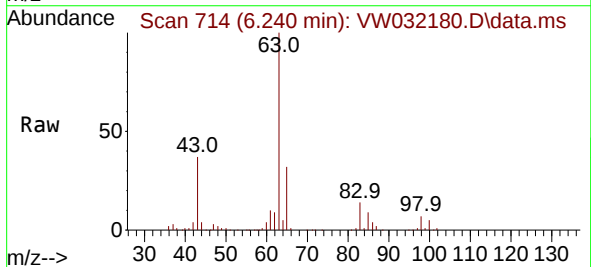
Instrument :
 MSVOA_W
 ClientSampleId :

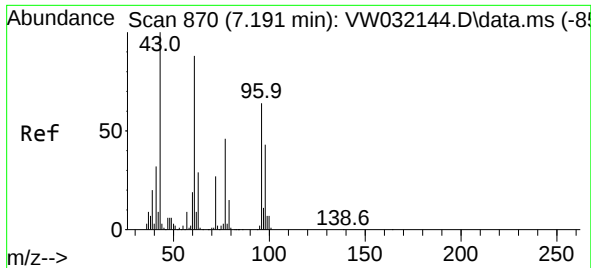
Tgt Ion: 43 Resp: 1117393
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 48.224 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

Tgt Ion: 63 Resp: 214430
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.8 2.5 7.5

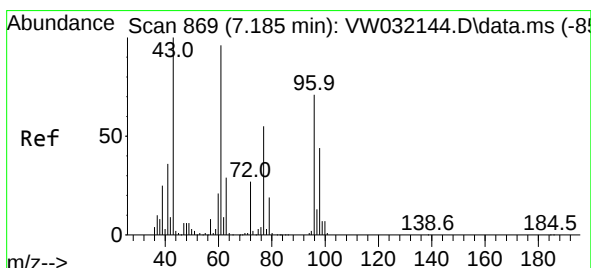
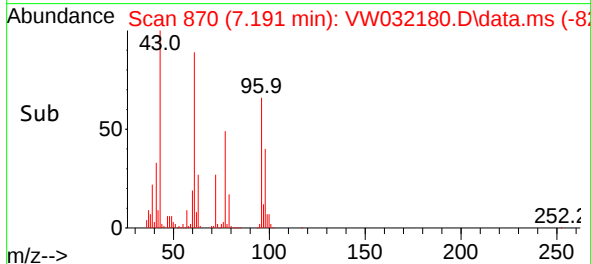
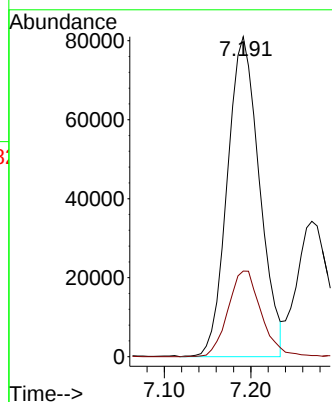
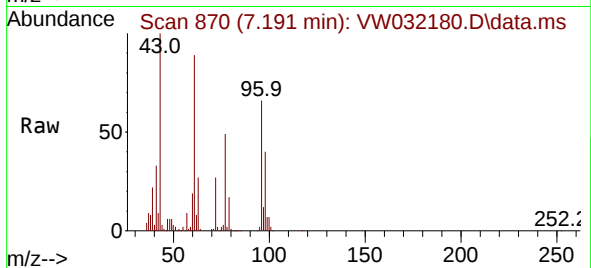




#25
2-Butanone
Concen: 229.114 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

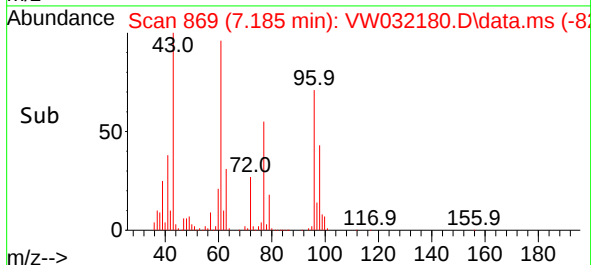
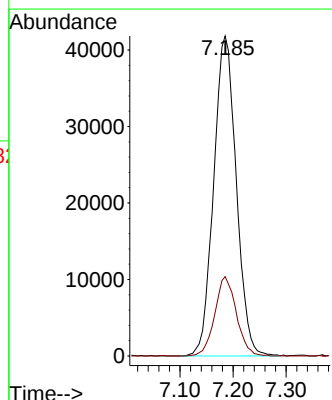
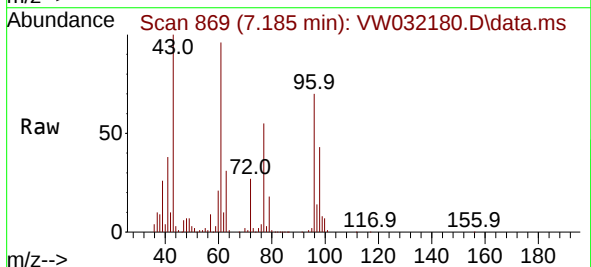
Instrument :
MSVOA_W
ClientSampleId :

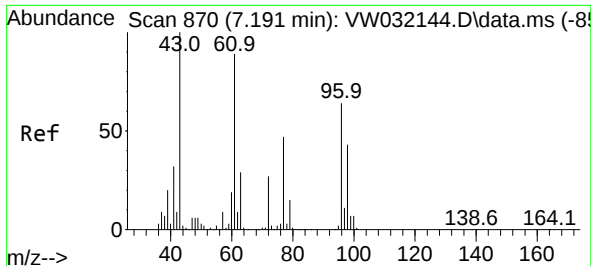
Tgt Ion: 43 Resp: 209032
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 52.550 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 77 Resp: 123741
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

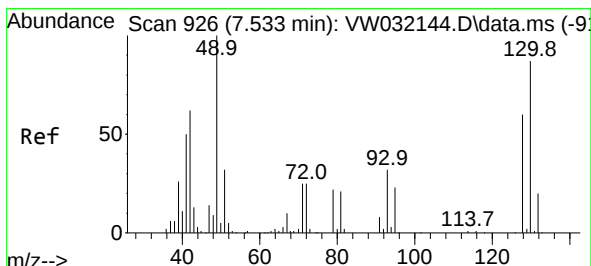
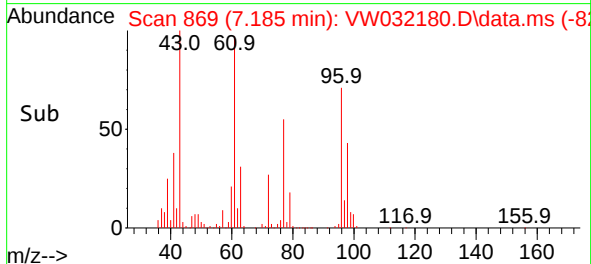
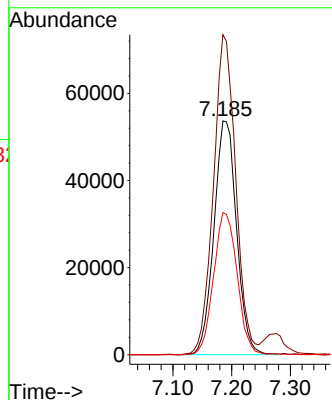
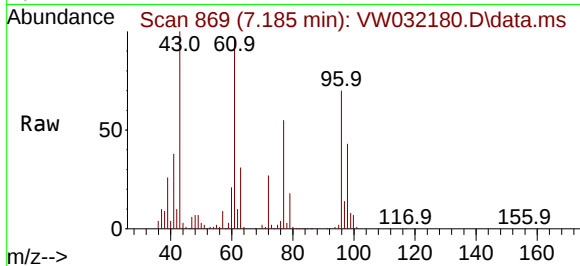




#27
 cis-1,2-Dichloroethene
 Concen: 48.085 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

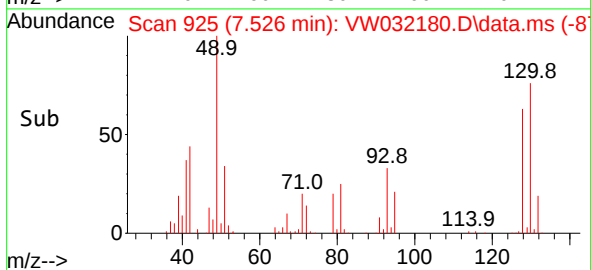
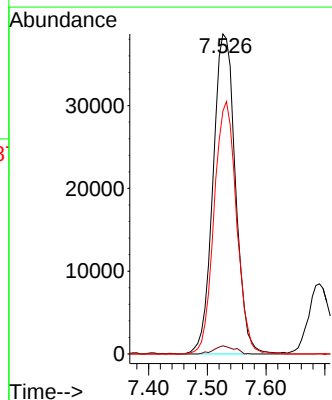
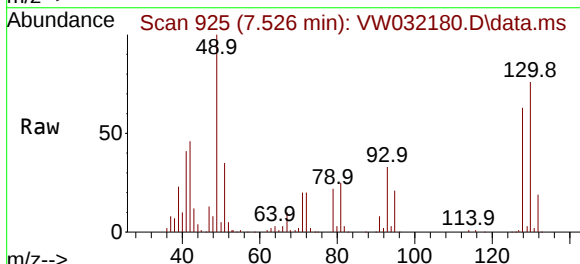
Instrument :
 MSVOA_W
 ClientSampleId :

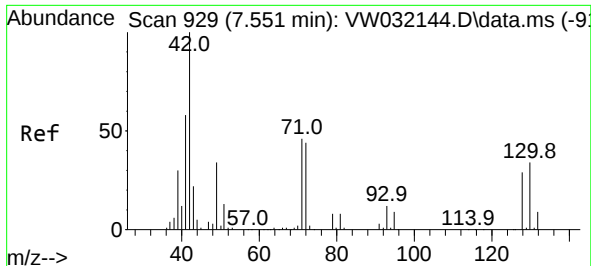
Tgt Ion: 96 Resp: 143605
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 268.0
 98 63.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.346 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

Tgt Ion: 49 Resp: 102479
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 78.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 230.443 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

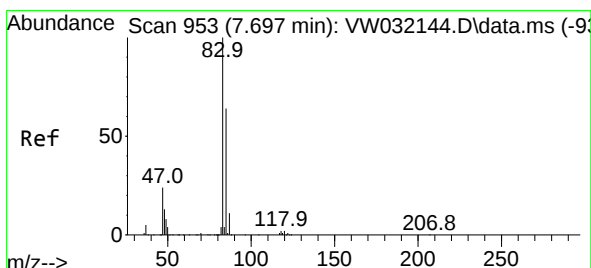
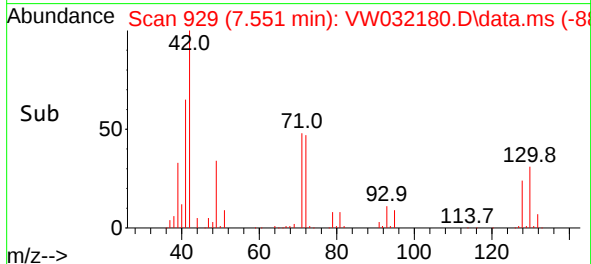
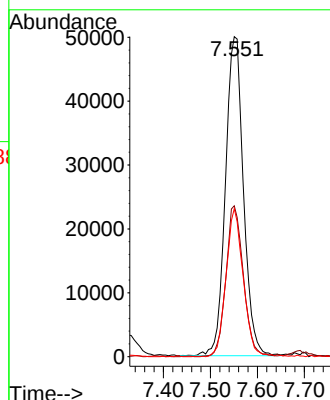
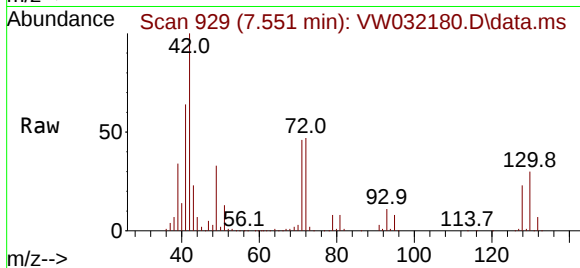
Tgt Ion: 42 Resp: 133603

Ion Ratio Lower Upper

42 100

72 45.9 37.4 56.2

71 44.0 36.0 54.0



#30

Chloroform

Concen: 48.944 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032180.D

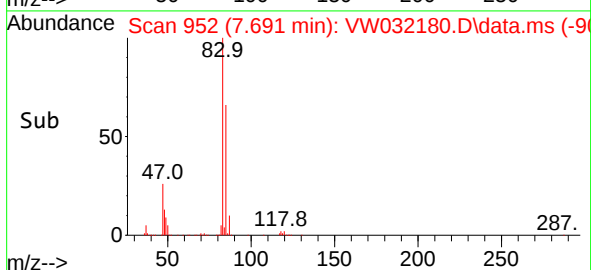
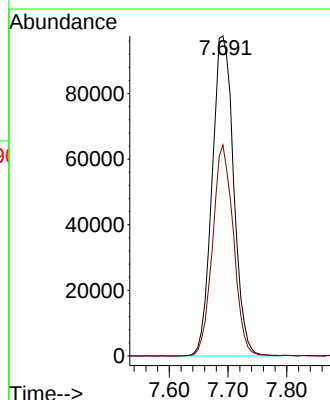
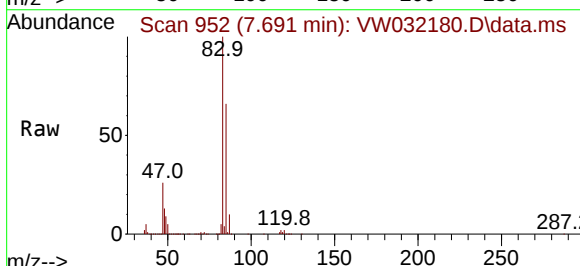
Acq: 17 Sep 2025 10:50

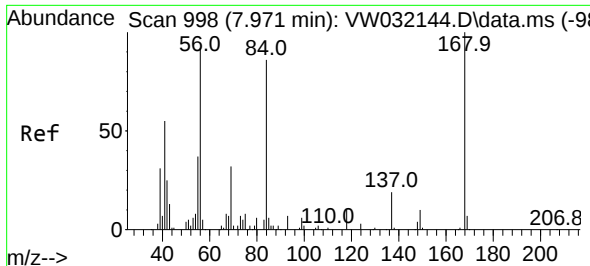
Tgt Ion: 83 Resp: 248477

Ion Ratio Lower Upper

83 100

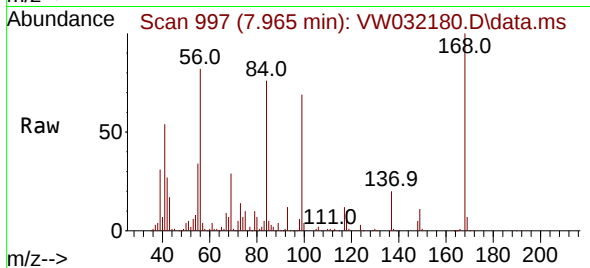
85 66.0 51.2 76.8



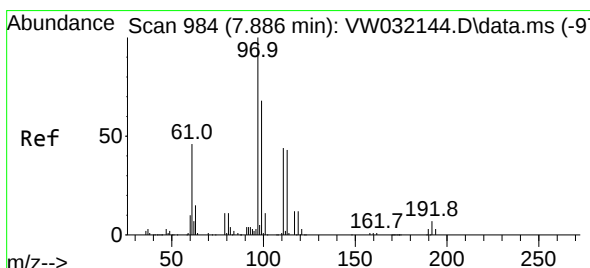
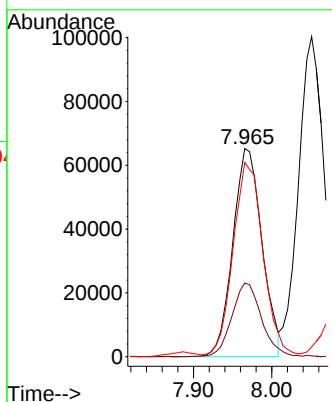
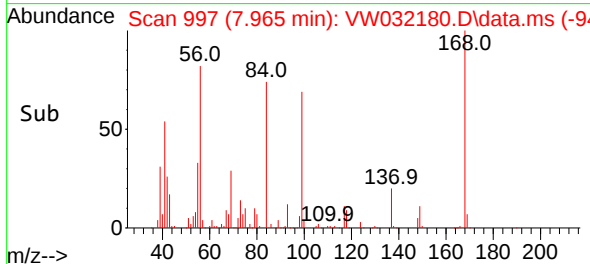


#31
Cyclohexane
Concen: 46.199 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :

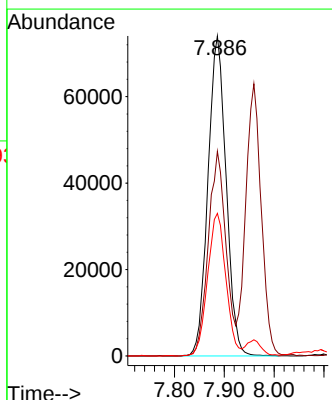
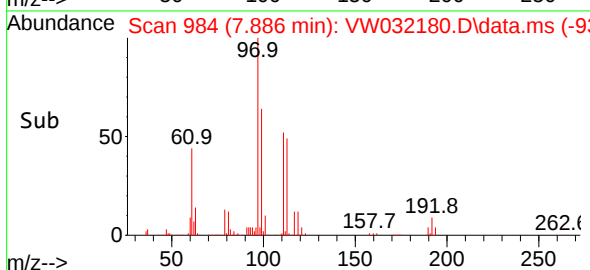
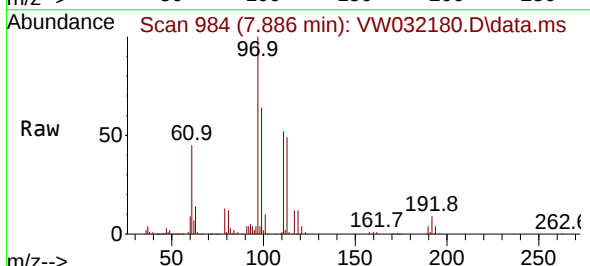


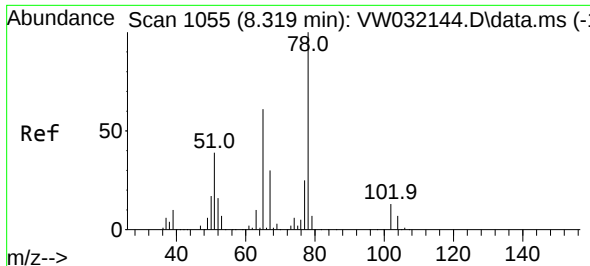
Tgt Ion: 56 Resp: 168610
Ion Ratio Lower Upper
56 100
69 35.4 27.7 41.5
84 91.4 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 50.544 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 97 Resp: 187317
Ion Ratio Lower Upper
97 100
99 62.3 50.9 76.3
61 45.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.276 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

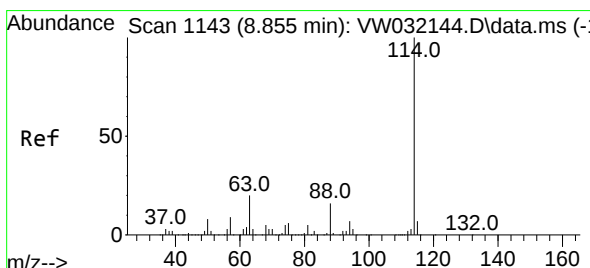
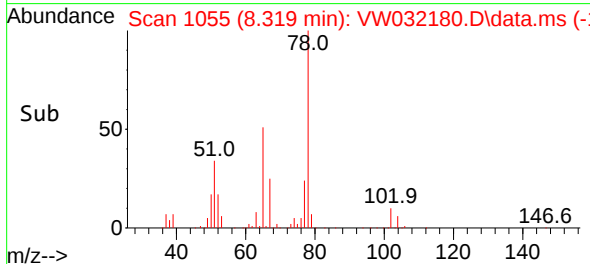
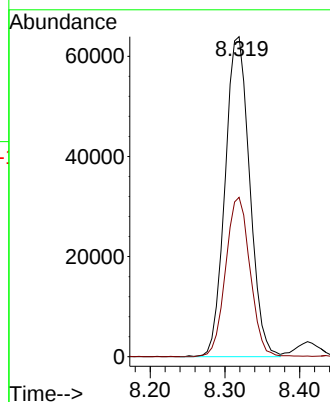
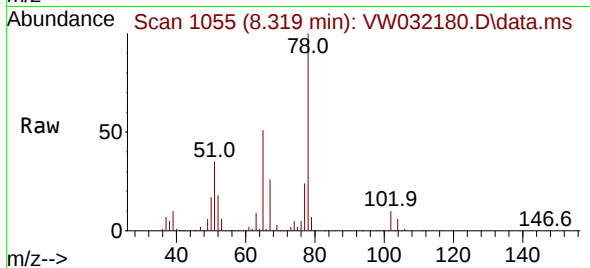
ClientSampleId :

Tgt Ion: 65 Resp: 146492

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

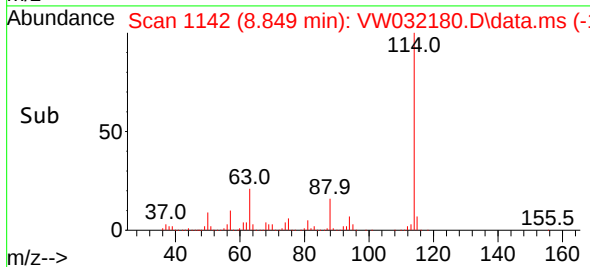
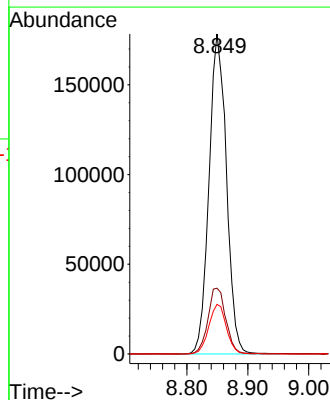
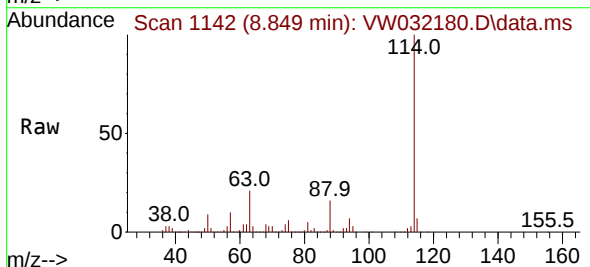
Tgt Ion: 114 Resp: 354374

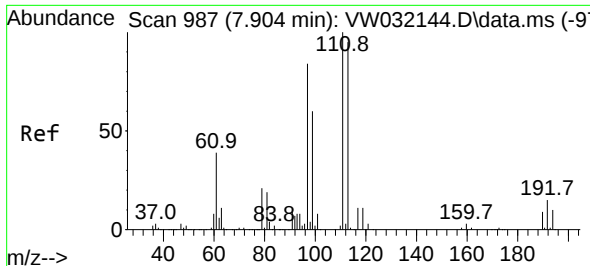
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 15.5 0.0 32.0

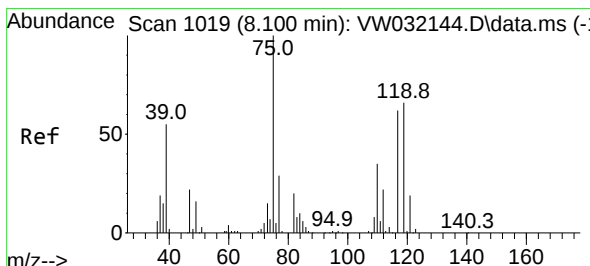
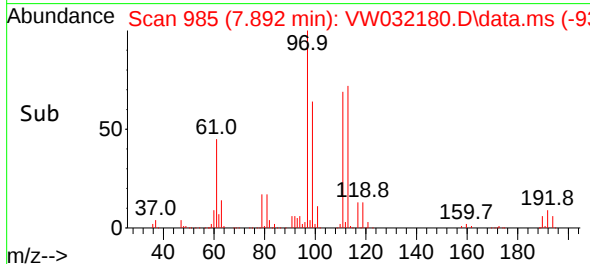
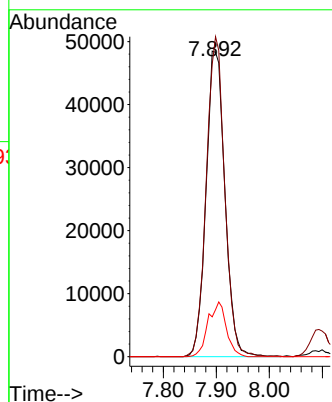
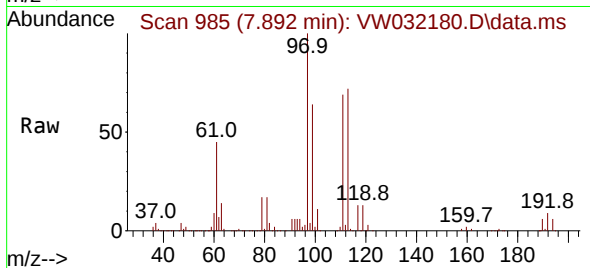




#35
 Dibromofluoromethane
 Concen: 48.334 ug/l
 RT: 7.892 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

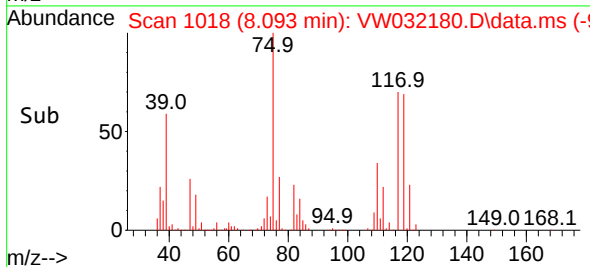
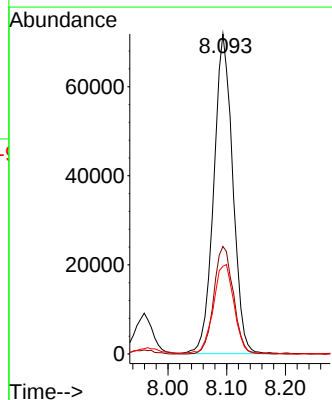
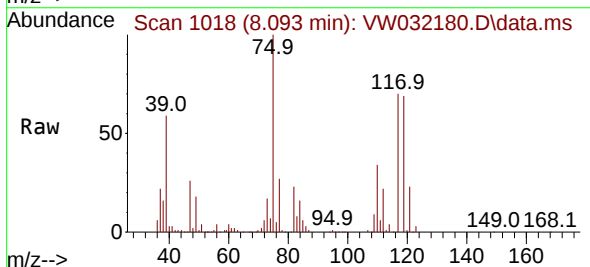
Instrument :
 MSVOA_W
 ClientSampleId :

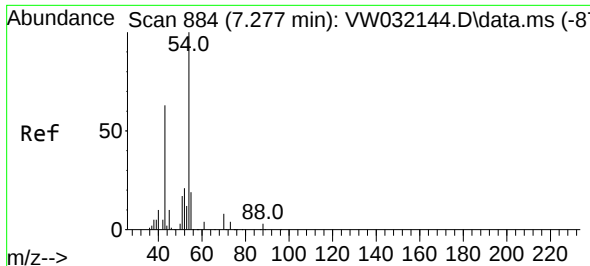
Tgt Ion:113 Resp: 120171
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.9 125.9
 192 17.4 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 49.831 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

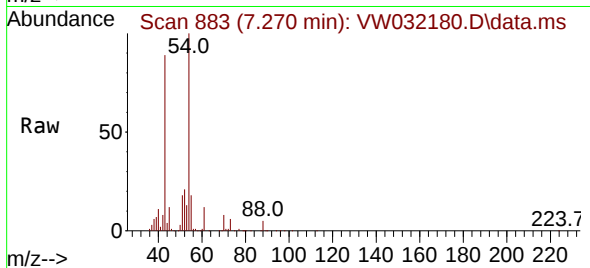
Tgt Ion: 75 Resp: 160638
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.5 52.5
 77 30.6 24.1 36.1



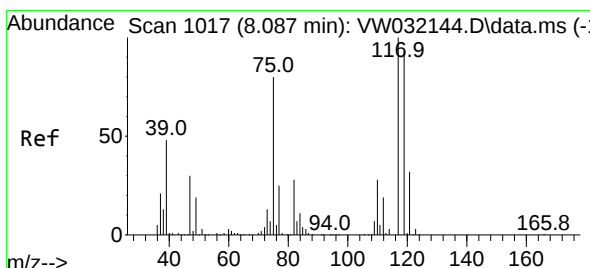
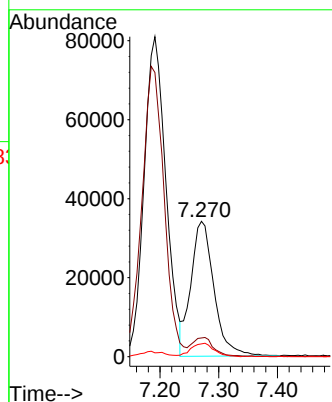
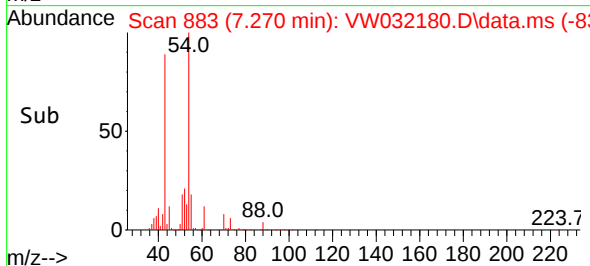


#37
Ethyl Acetate
Concen: 48.159 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :

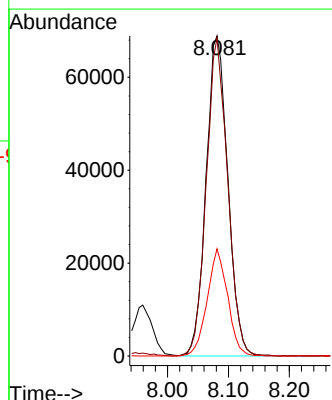
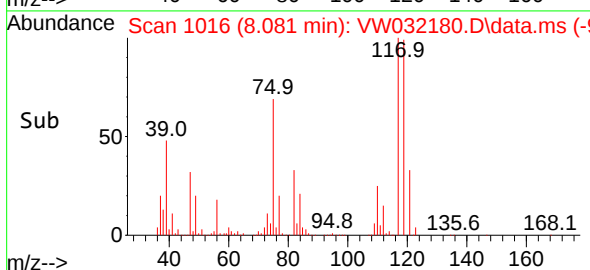
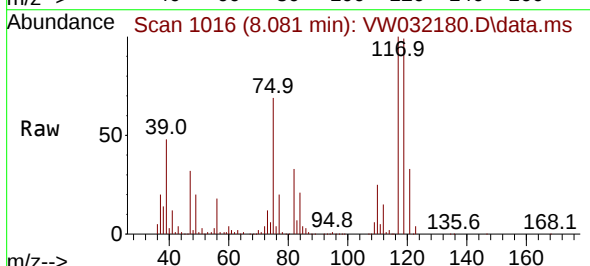


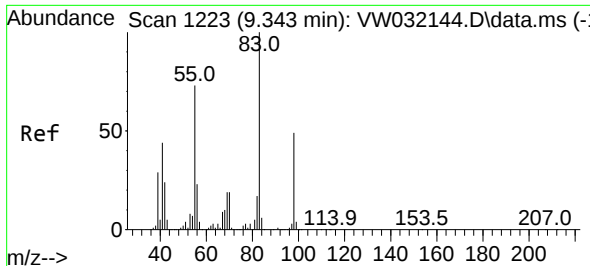
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.3	16.9
70	10.0	8.9	13.3



#38
Carbon Tetrachloride
Concen: 49.571 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	74.2	111.2
121	33.4	25.6	38.4

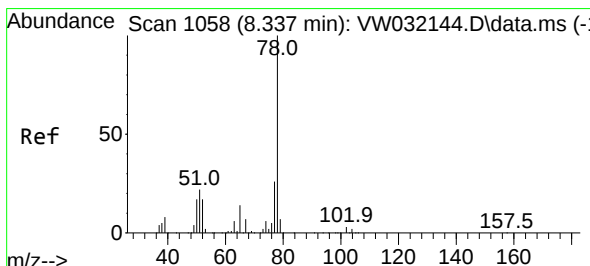
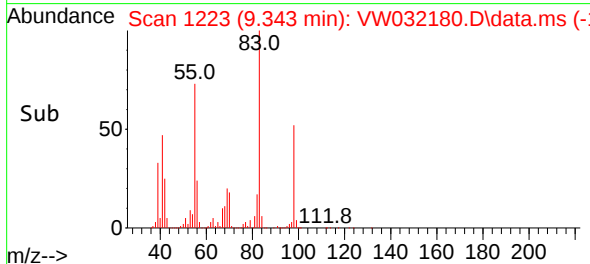
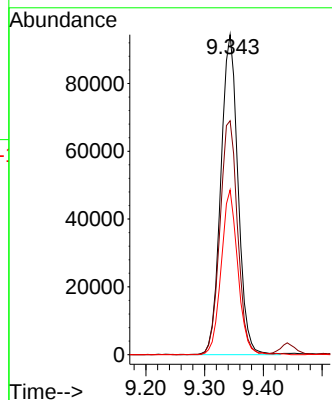
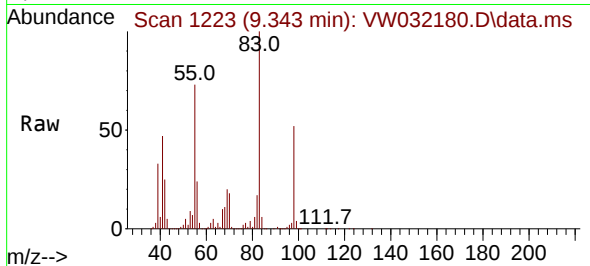




#39
Methylcyclohexane
Concen: 50.312 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

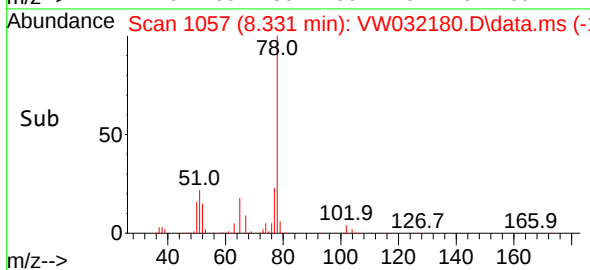
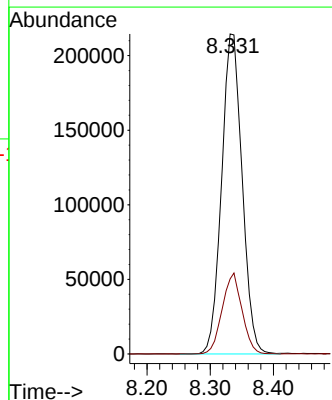
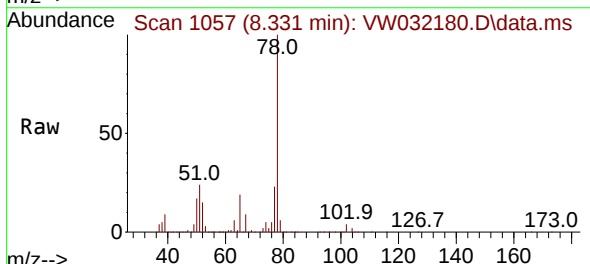
Instrument :
MSVOA_W
ClientSampleId :

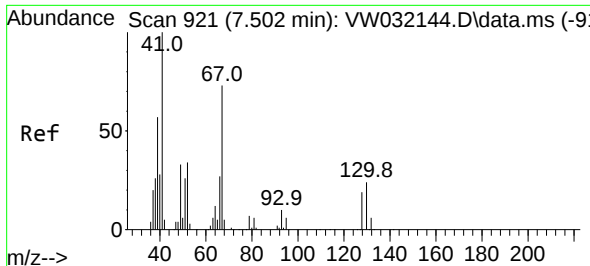
Tgt Ion: 83 Resp: 192104
Ion Ratio Lower Upper
83 100
55 73.0 58.4 87.6
98 51.5 39.4 59.2



#40
Benzene
Concen: 48.403 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

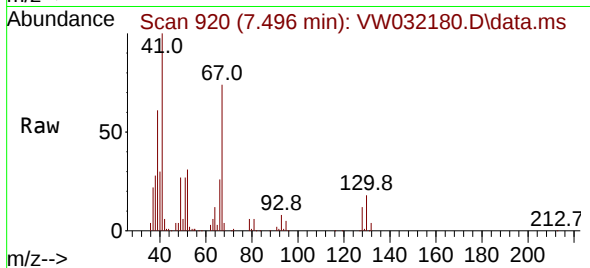
Tgt Ion: 78 Resp: 482315
Ion Ratio Lower Upper
78 100
77 23.4 20.7 31.1



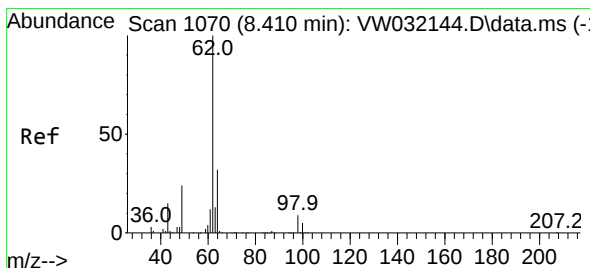
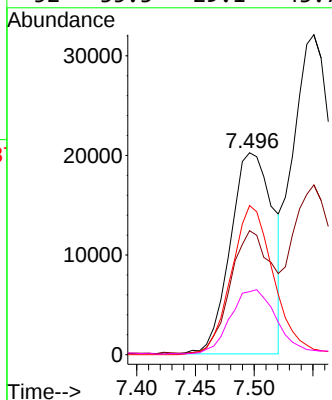
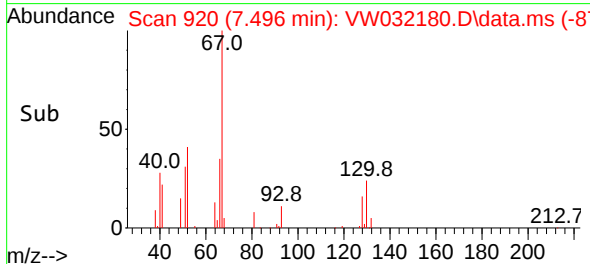


#41
Methacrylonitrile
Concen: 47.575 ug/l
RT: 7.496 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

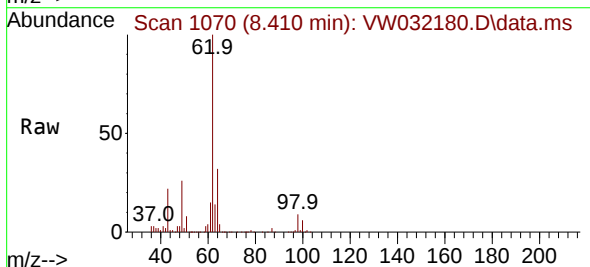
Instrument :
MSVOA_W
ClientSampleId :



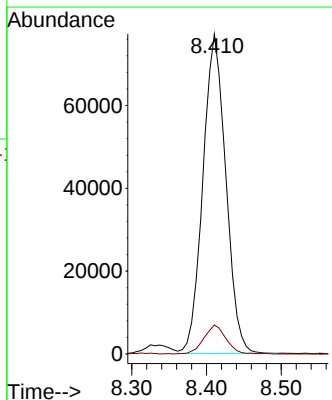
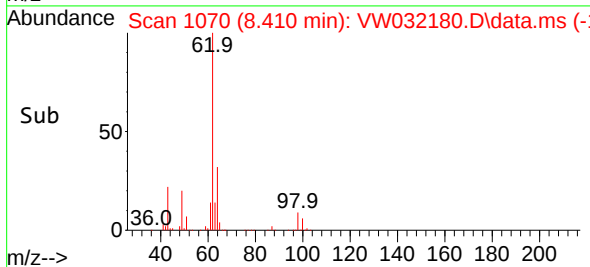
Tgt Ion:	41	Resp:	51115
Ion	Ratio	Lower	Upper
41	100		
39	59.1	50.9	76.3
67	74.0	65.6	98.4
52	35.3	29.1	43.7

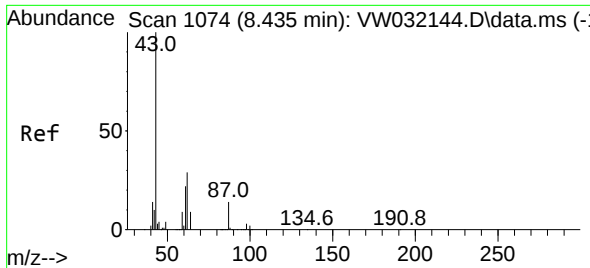


#42
1,2-Dichloroethane
Concen: 47.595 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50



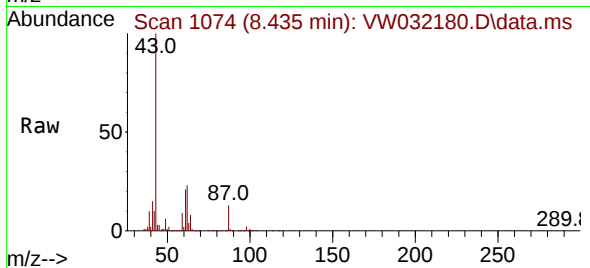
Tgt Ion:	62	Resp:	164413
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0



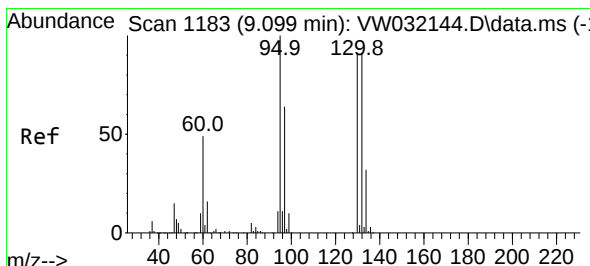
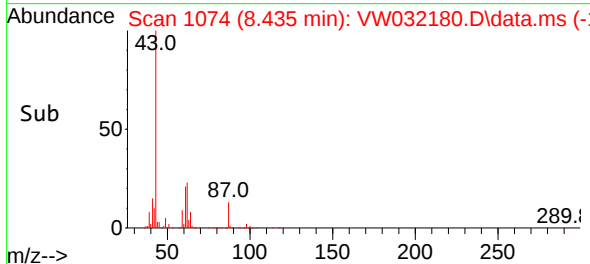
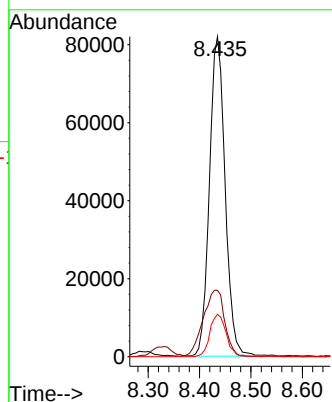


#43
Isopropyl Acetate
Concen: 47.969 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :

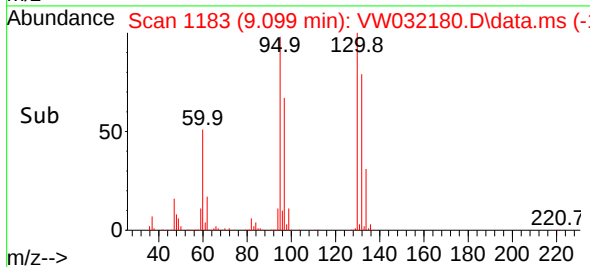
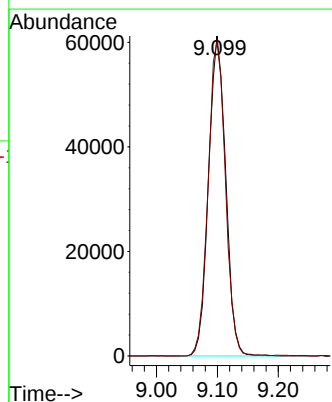
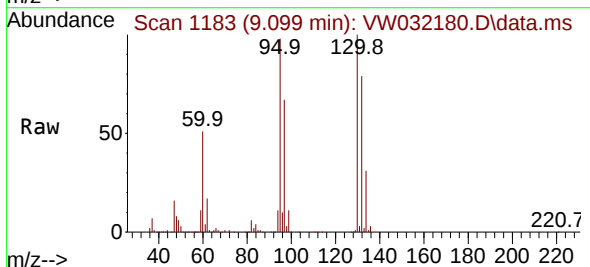


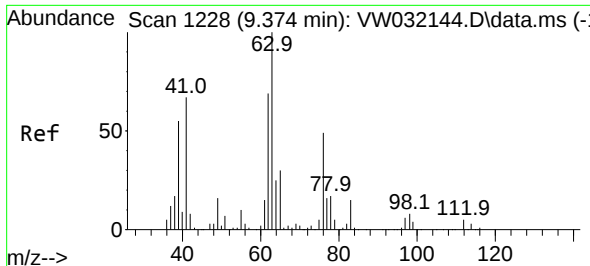
Tgt Ion: 43 Resp: 174025
Ion Ratio Lower Upper
43 100
61 28.4 23.3 34.9
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 47.796 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion:130 Resp: 119772
Ion Ratio Lower Upper
130 100
95 98.2 0.0 220.0

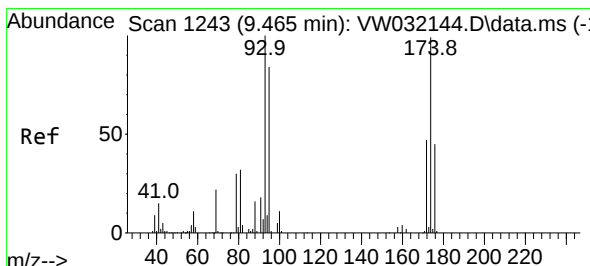
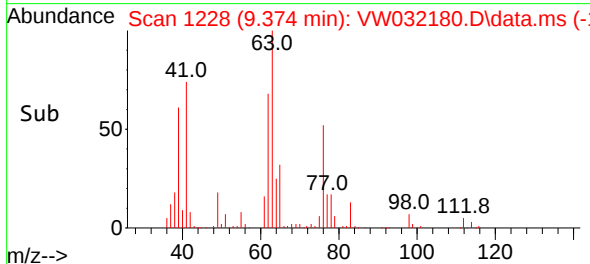
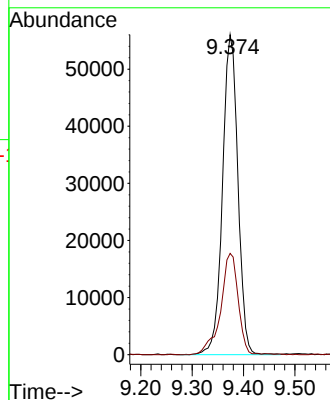
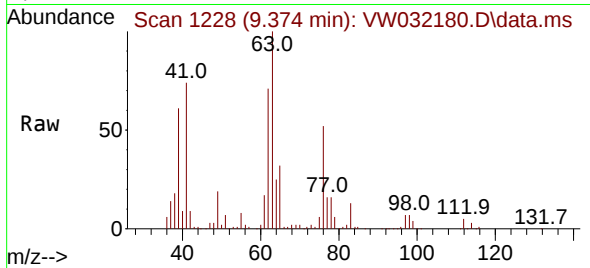




#45
1,2-Dichloropropane
Concen: 48.510 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

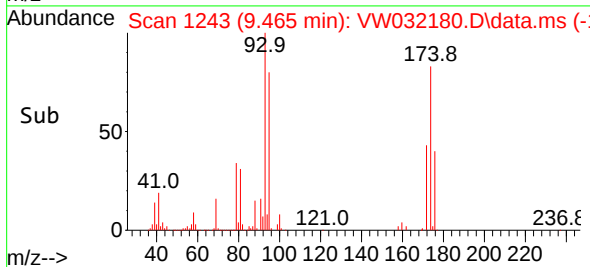
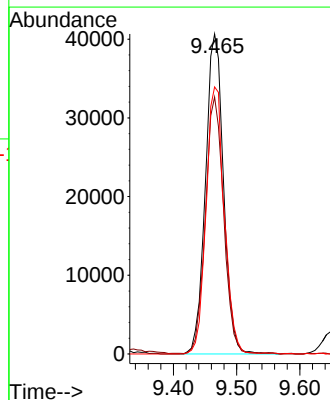
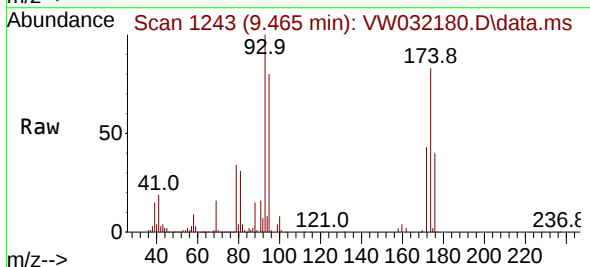
Instrument :
MSVOA_W
ClientSampleId :

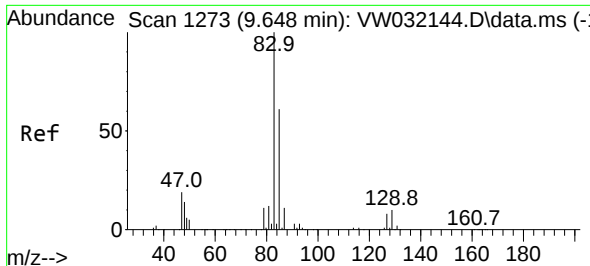
Tgt Ion: 63 Resp: 116527
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5



#46
Dibromomethane
Concen: 47.971 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 93 Resp: 80823
Ion Ratio Lower Upper
93 100
95 80.7 67.4 101.2
174 84.2 75.7 113.5

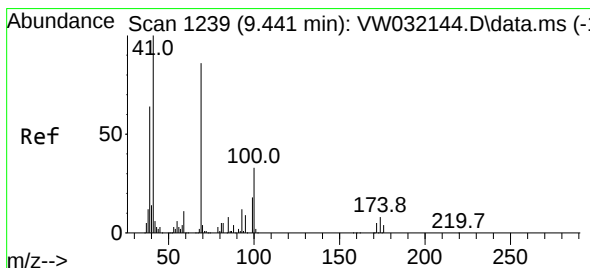
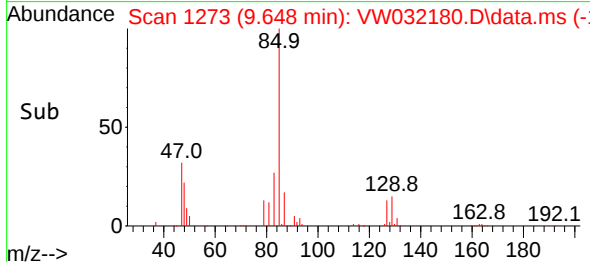
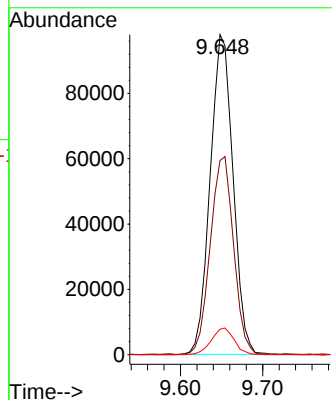
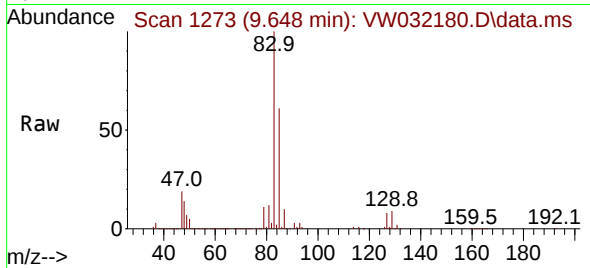




#47
Bromodichloromethane
Concen: 49.378 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

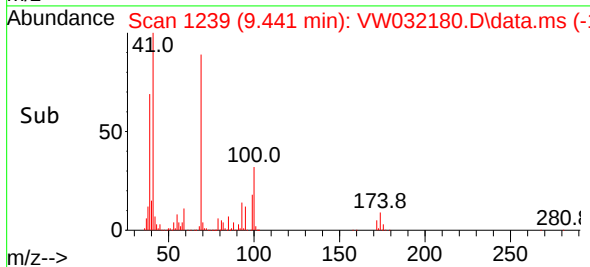
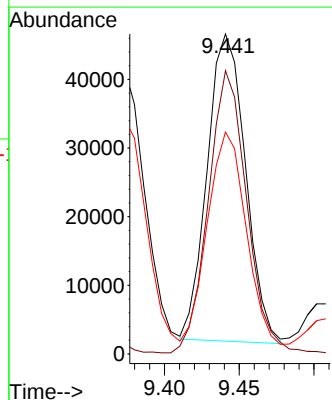
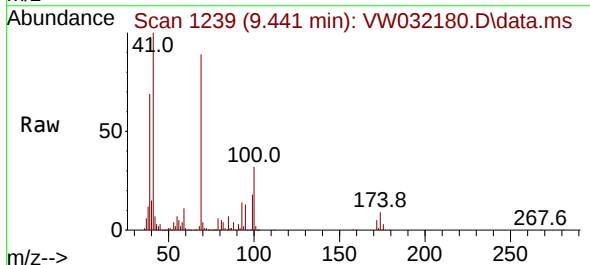
Instrument :
MSVOA_W
ClientSampleId :

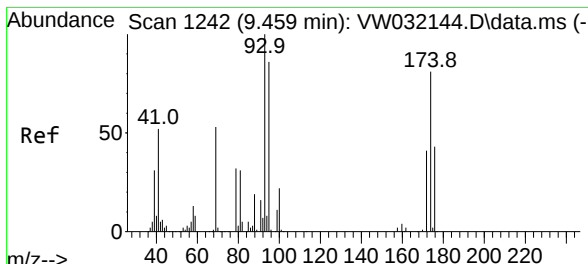
Tgt Ion: 83 Resp: 189054
Ion Ratio Lower Upper
83 100
85 60.7 48.7 73.1
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 47.636 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 41 Resp: 79643
Ion Ratio Lower Upper
41 100
69 93.1 71.5 107.3
39 69.4 55.9 83.9

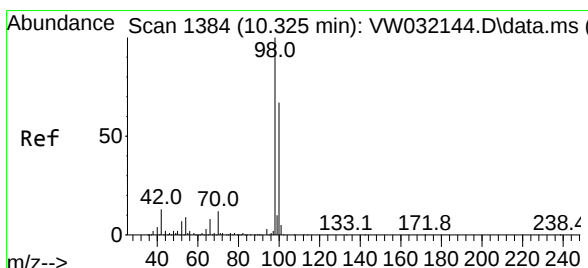
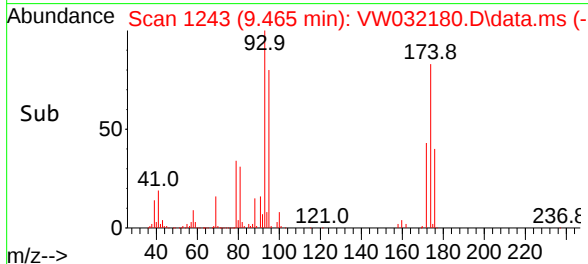
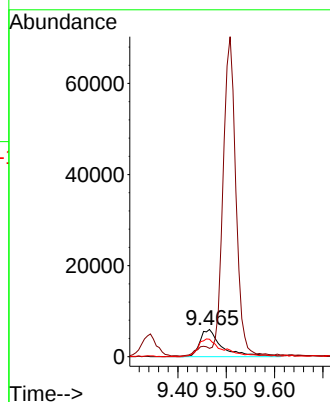
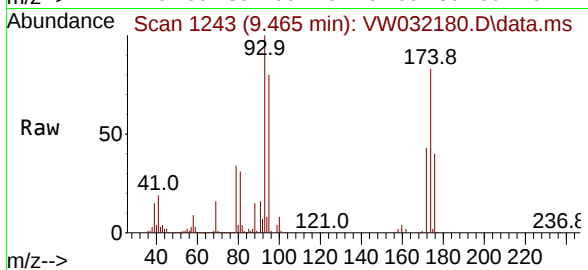




#49
 1,4-Dioxane
 Concen: 935.571 ug/l
 RT: 9.465 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

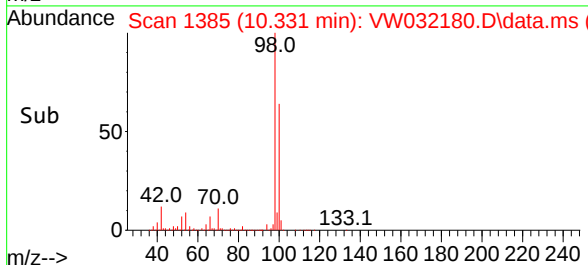
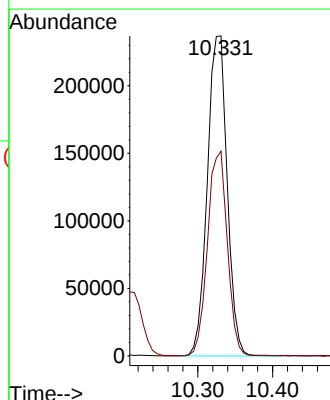
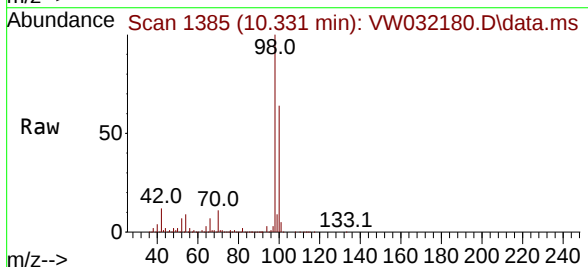
Instrument :
 MSVOA_W
 ClientSampleId :

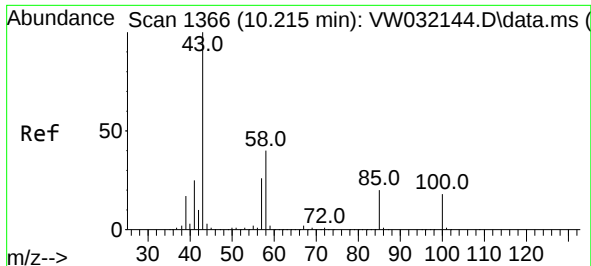
Tgt Ion	Ratio	Lower	Upper
88	100		
43	22.1	18.0	27.0
58	72.7	55.4	83.0



#50
 Toluene-d8
 Concen: 50.069 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032180.D
 Acq: 17 Sep 2025 10:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.2

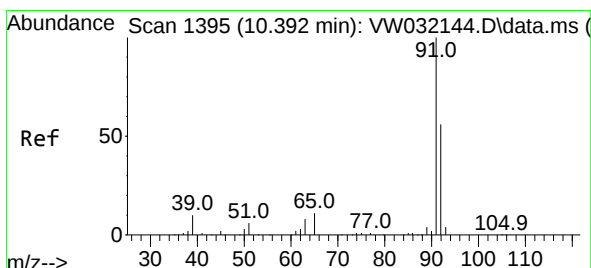
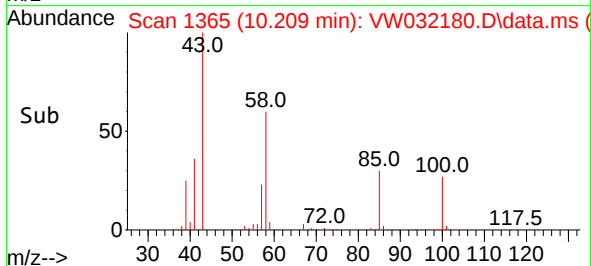
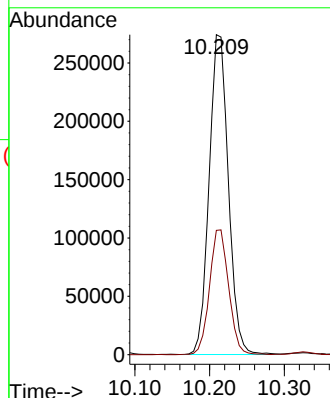
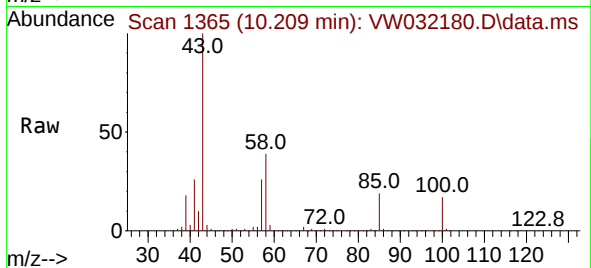




#51
4-Methyl-2-Pentanone
Concen: 239.099 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

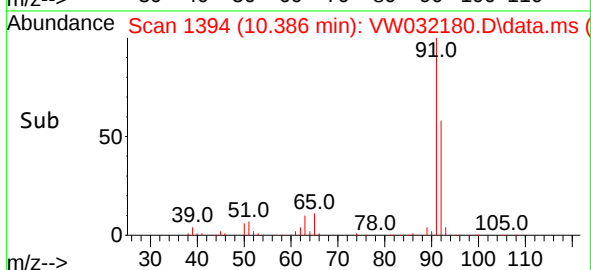
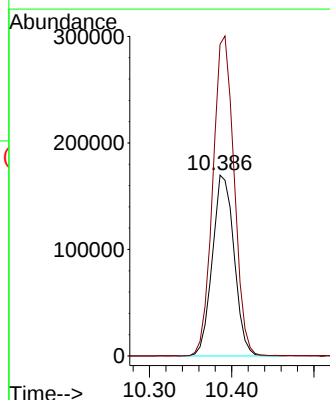
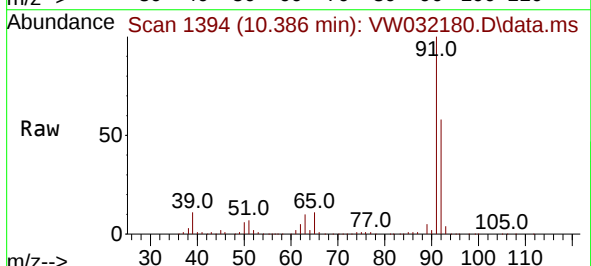
Instrument :
MSVOA_W
ClientSampleId :

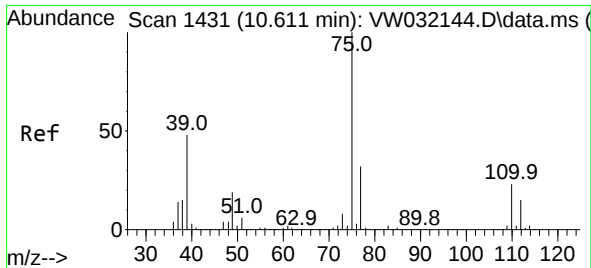
Tgt Ion: 43 Resp: 489794
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0



#52
Toluene
Concen: 47.808 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 92 Resp: 311307
Ion Ratio Lower Upper
92 100
91 173.6 137.5 206.3

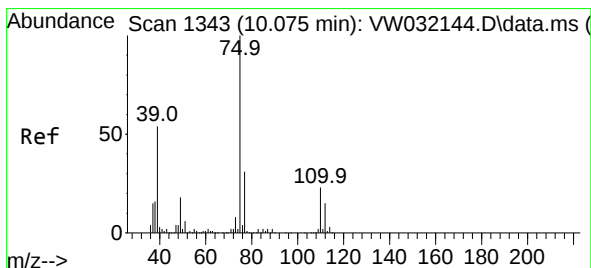
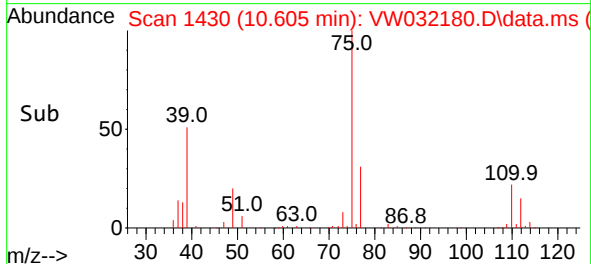
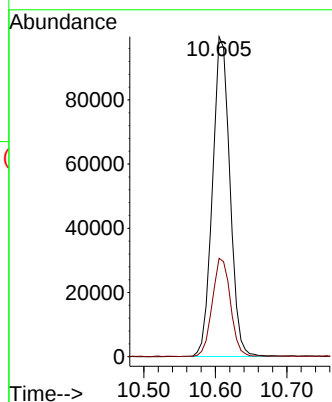
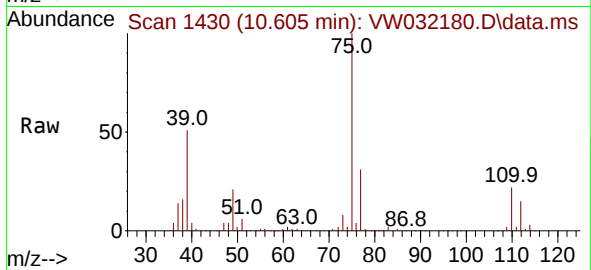




#53
t-1,3-Dichloropropene
Concen: 49.886 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

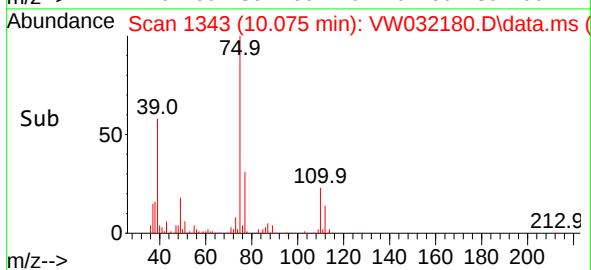
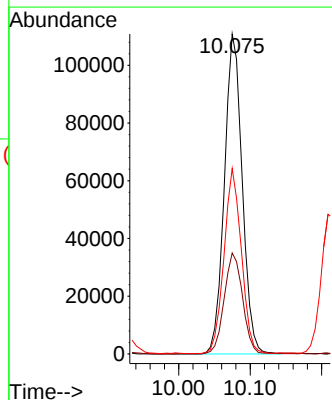
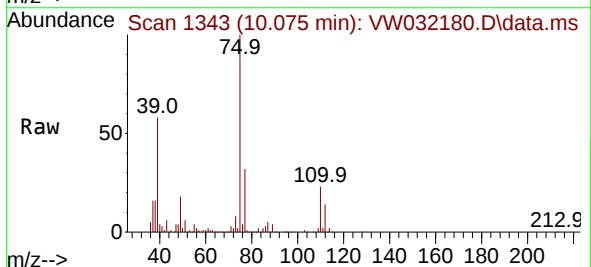
Instrument :
MSVOA_W
ClientSampleId :

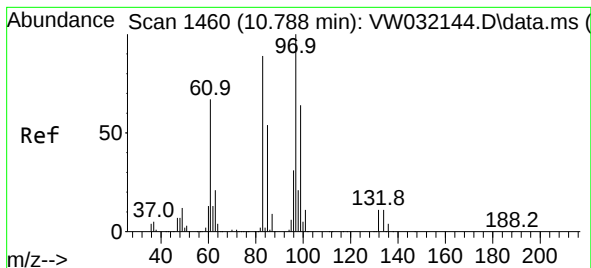
Tgt Ion: 75 Resp: 168494
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 49.771 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

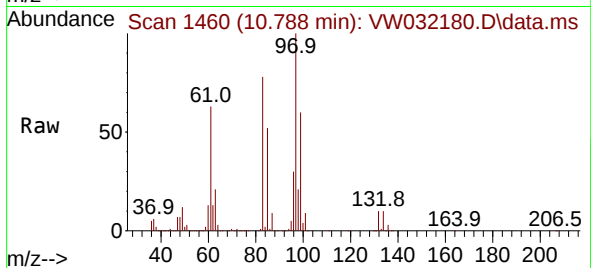
Tgt Ion: 75 Resp: 191815
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 57.7 43.2 64.8



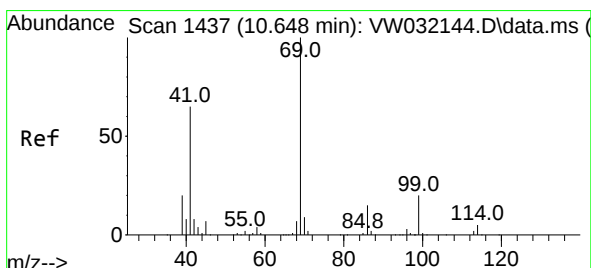
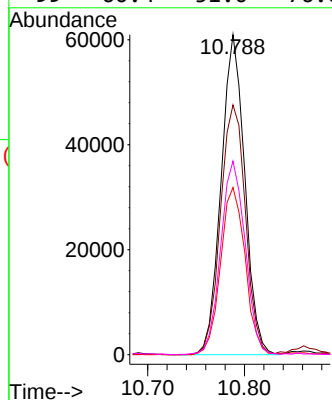
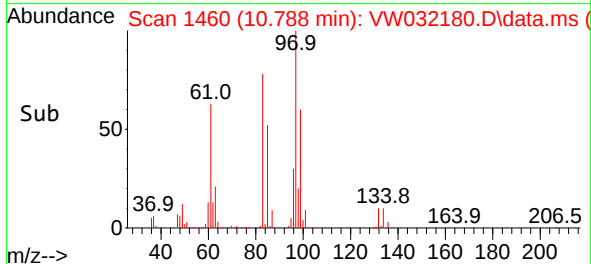


#55
1,1,2-Trichloroethane
Concen: 47.127 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

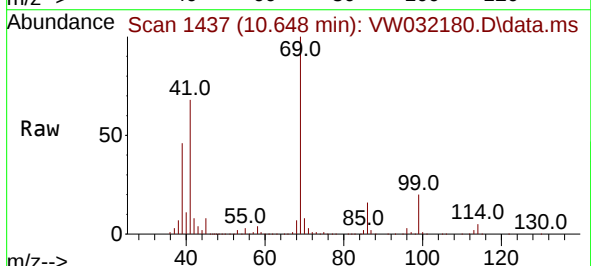
Instrument :
MSVOA_W
ClientSampleId :



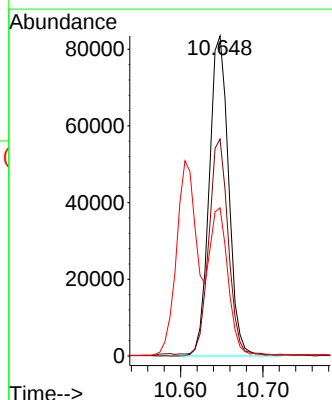
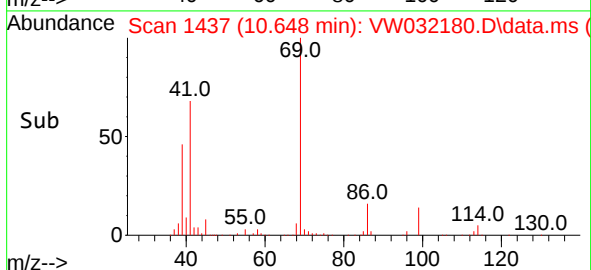
Tgt Ion:	97	Resp:	103251
Ion	Ratio	Lower	Upper
97	100		
83	78.0	71.0	106.6
85	52.3	42.8	64.2
99	60.4	51.0	76.6

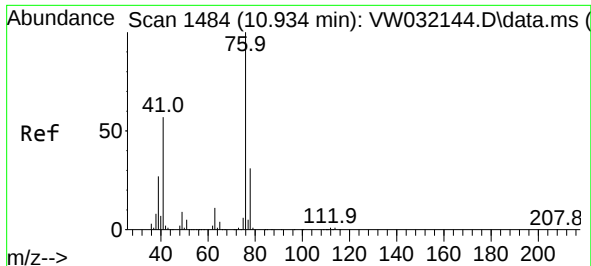


#56
Ethyl methacrylate
Concen: 48.919 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50



Tgt Ion:	69	Resp:	137021
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.2	79.8
39	42.2	32.9	49.3





#57

1,3-Dichloropropane

Concen: 47.450 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

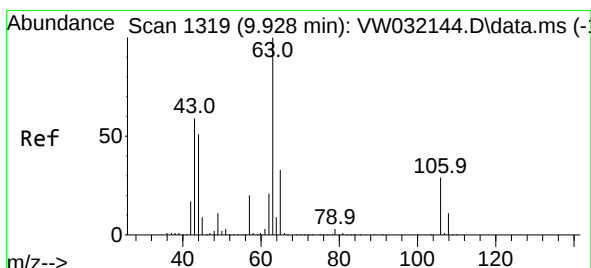
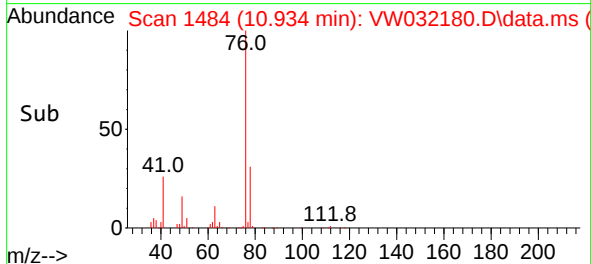
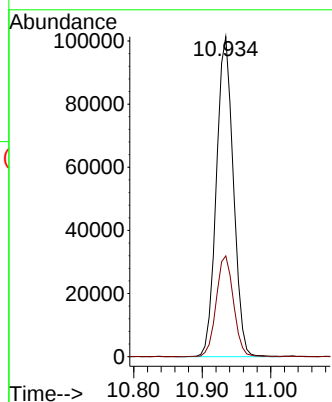
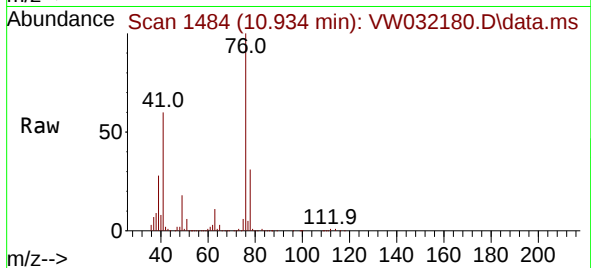
ClientSampleId :

Tgt Ion: 76 Resp: 174068

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.235 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032180.D

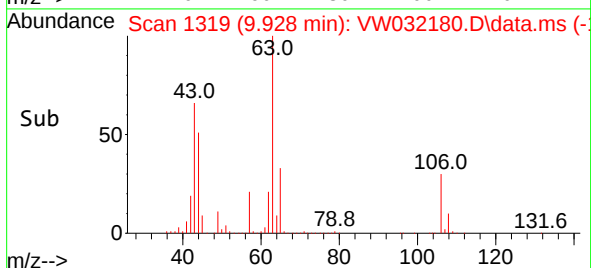
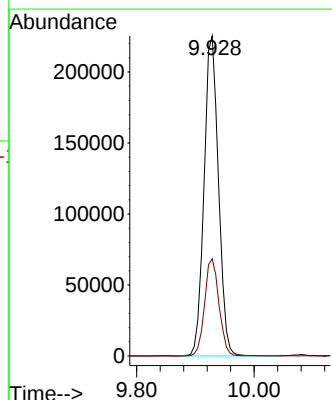
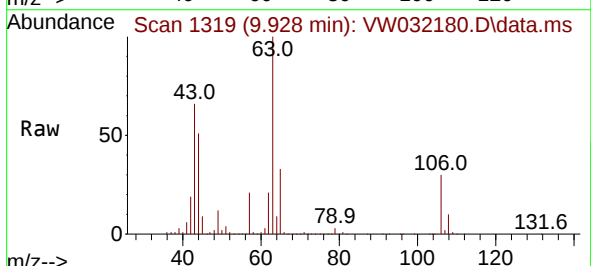
Acq: 17 Sep 2025 10:50

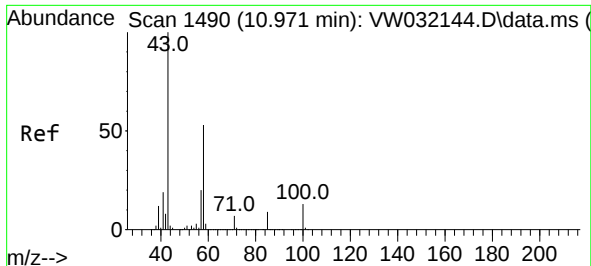
Tgt Ion: 63 Resp: 384574

Ion Ratio Lower Upper

63 100

106 30.2 24.3 36.5

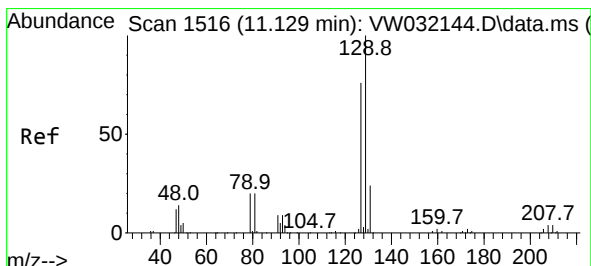
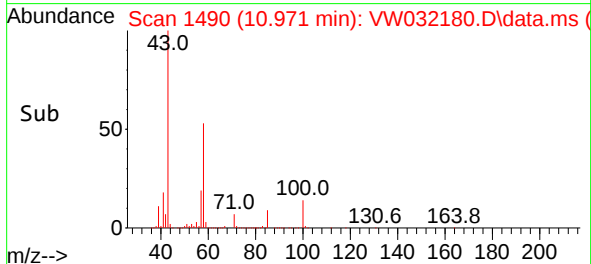
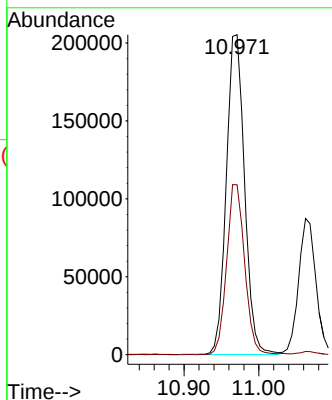
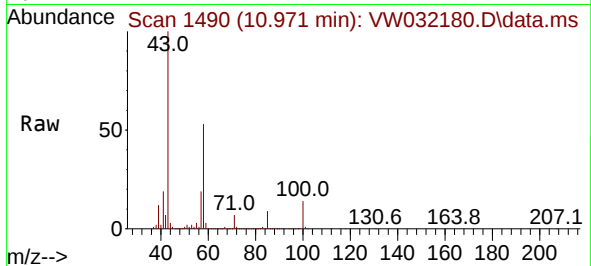




#59
2-Hexanone
Concen: 245.035 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

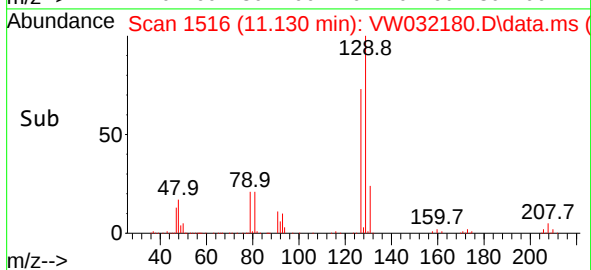
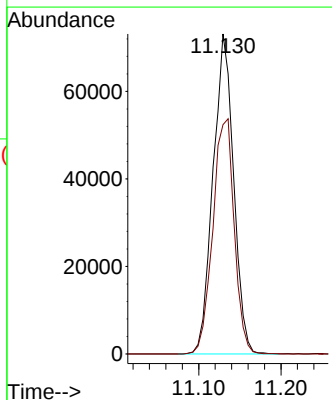
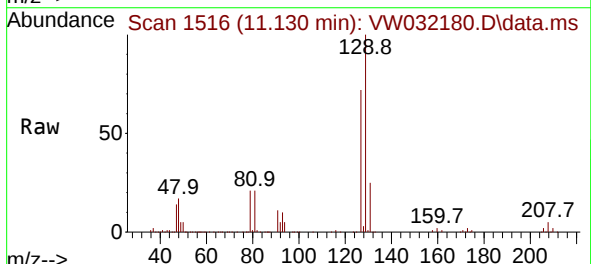
Instrument :
MSVOA_W
ClientSampleId :

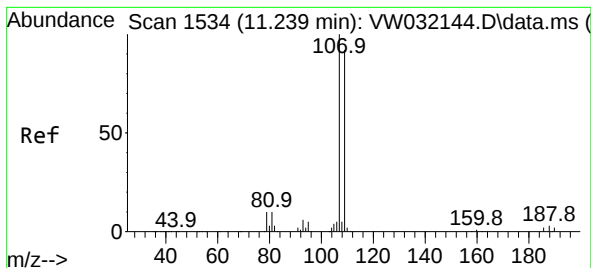
Tgt Ion: 43 Resp: 349095
Ion Ratio Lower Upper
43 100
58 52.6 27.5 82.4



#60
Dibromochloromethane
Concen: 47.804 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion:129 Resp: 126731
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5

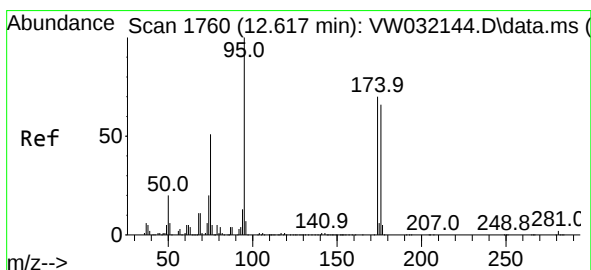
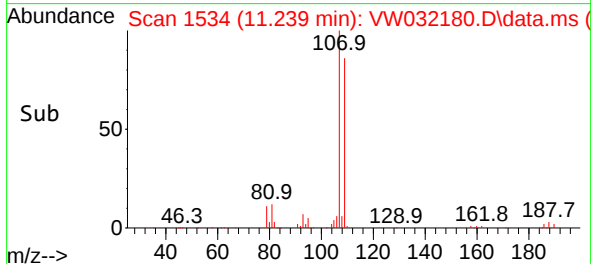
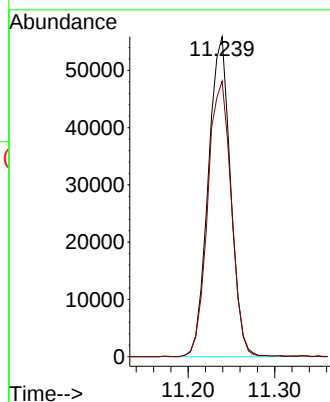
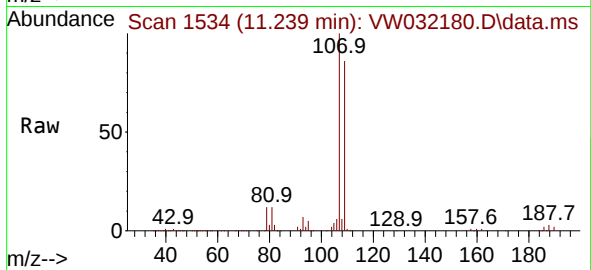




#61
1,2-Dibromoethane
Concen: 46.293 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

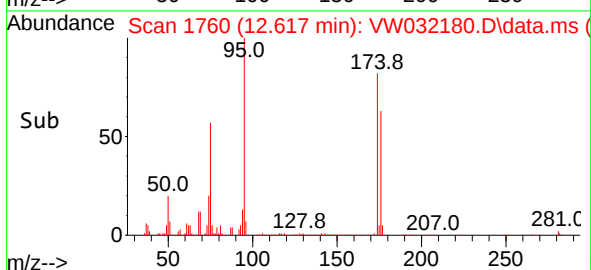
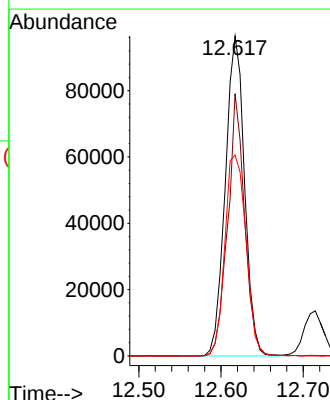
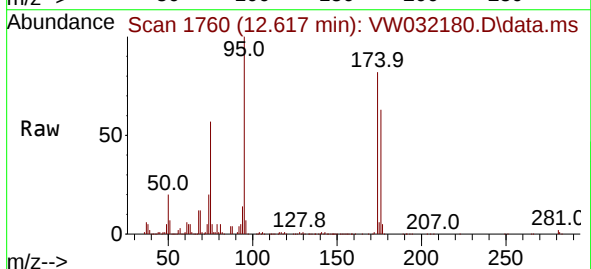
Instrument :
MSVOA_W
ClientSampleId :

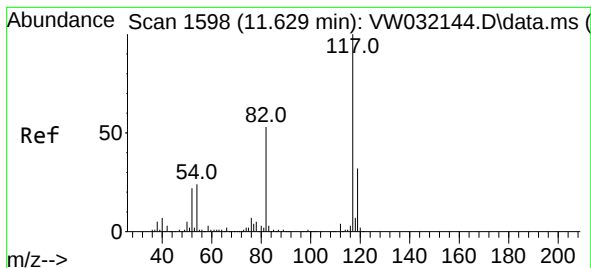
Tgt Ion:107 Resp: 99739
Ion Ratio Lower Upper
107 100
109 91.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.598 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 95 Resp: 156849
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.6
176 69.1 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

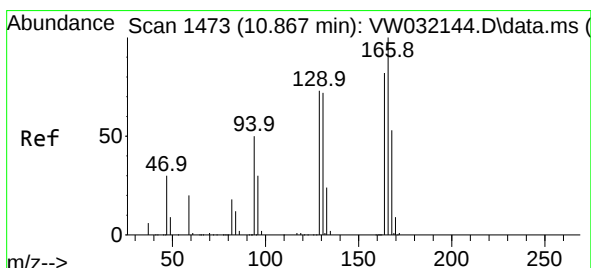
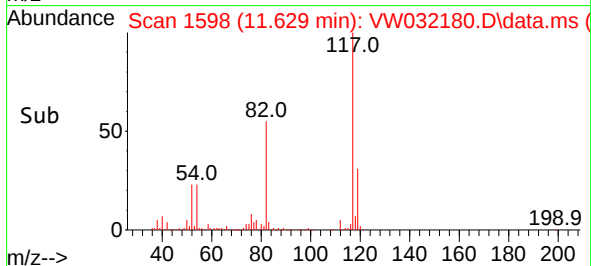
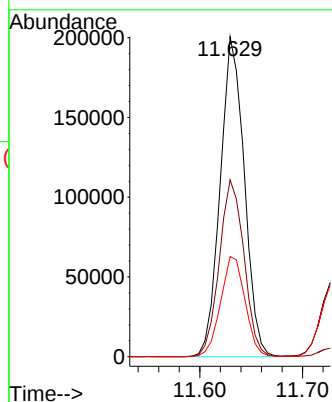
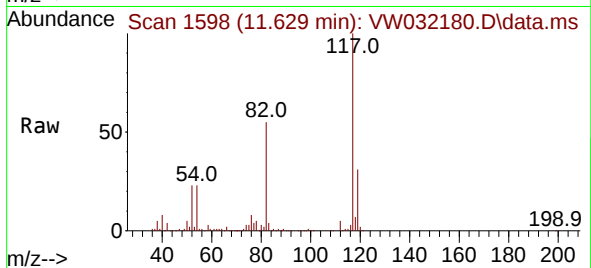
Tgt Ion:117 Resp: 325911

Ion Ratio Lower Upper

117 100

82 55.3 42.7 64.1

119 31.3 25.2 37.8



#64

Tetrachloroethene

Concen: 45.227 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Tgt Ion:164 Resp: 97014

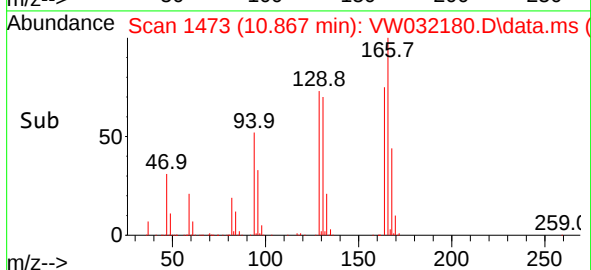
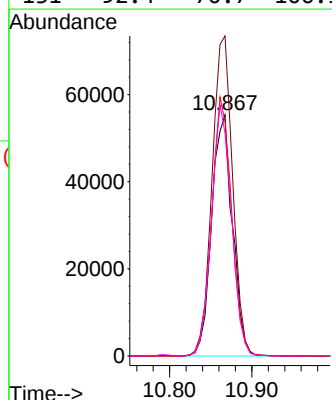
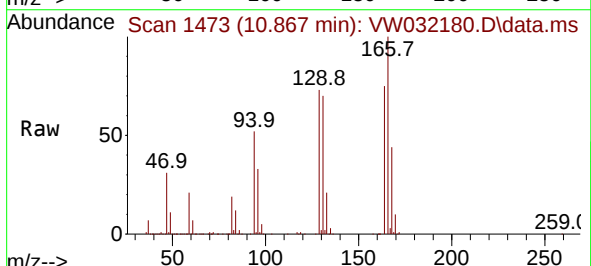
Ion Ratio Lower Upper

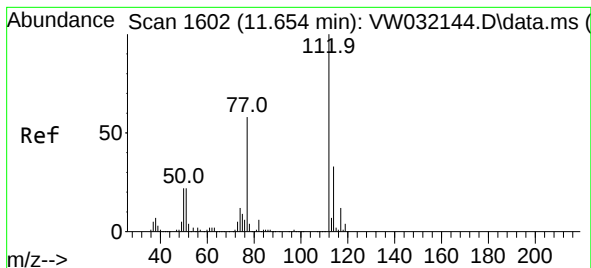
164 100

166 132.7 97.5 146.3

129 97.1 71.2 106.8

131 92.4 70.7 106.1





#65

Chlorobenzene

Concen: 47.454 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

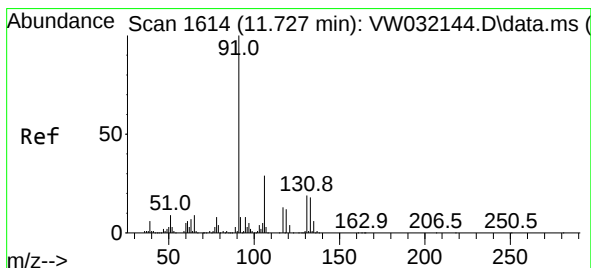
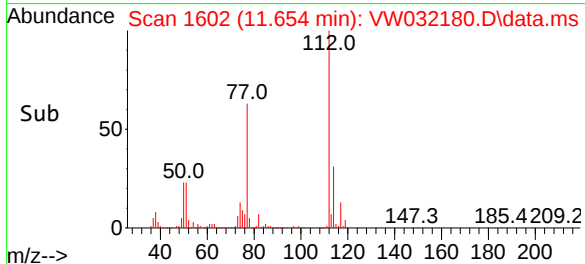
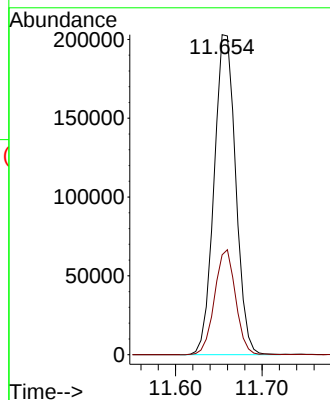
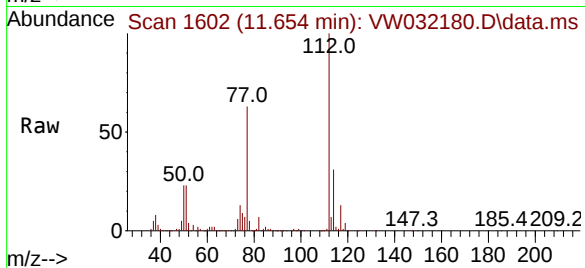
ClientSampleId :

Tgt Ion:112 Resp: 352023

Ion Ratio Lower Upper

112 100

114 31.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.077 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

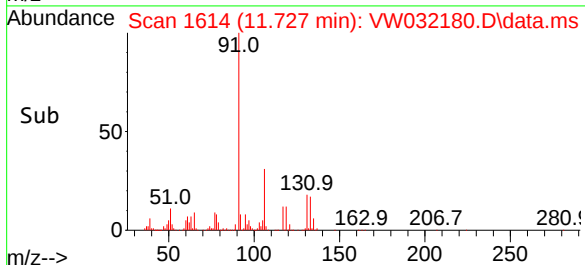
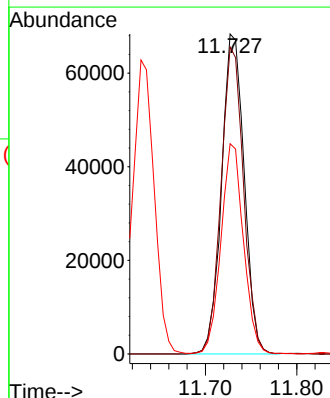
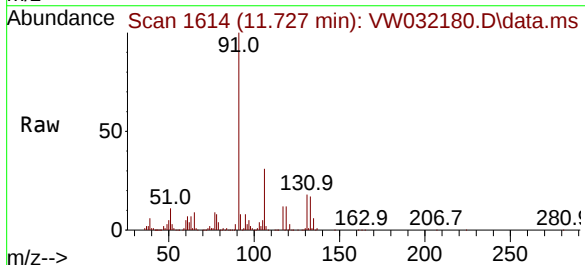
Tgt Ion:131 Resp: 117418

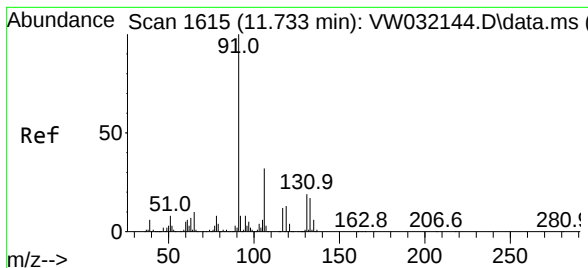
Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

119 65.6 32.8 98.3

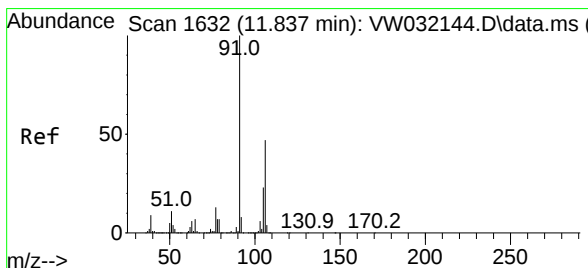
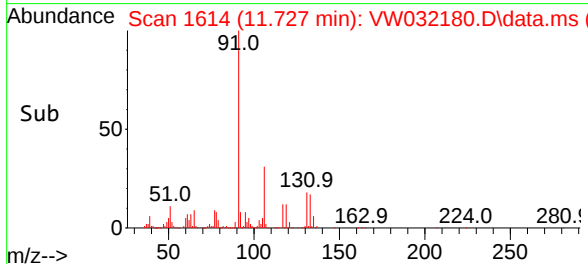
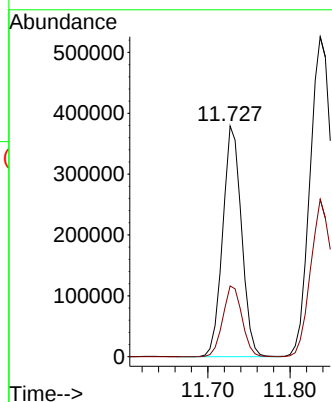
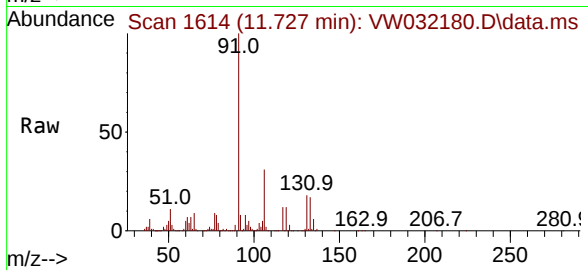




#67
Ethyl Benzene
Concen: 49.638 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

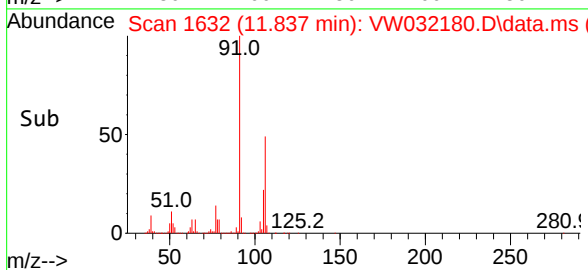
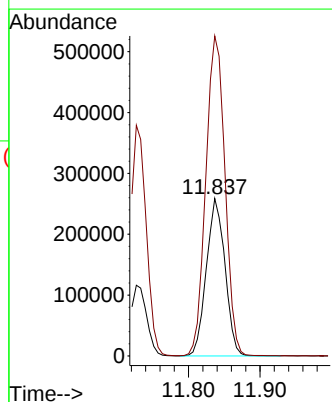
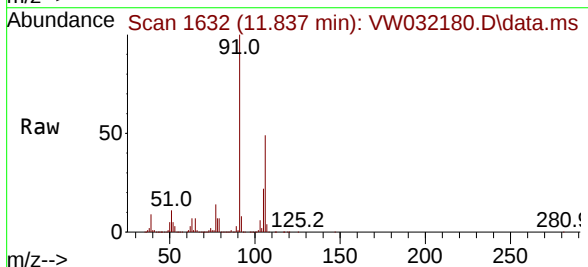
Instrument :
MSVOA_W
ClientSampleId :

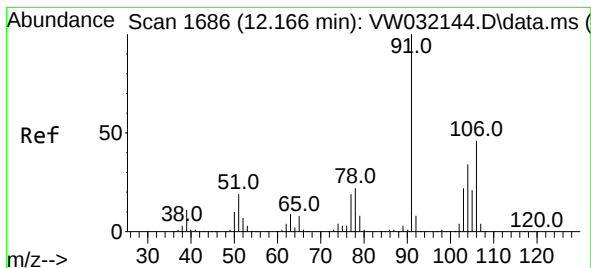
Tgt Ion: 91 Resp: 603307
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 99.997 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 106 Resp: 467756
Ion Ratio Lower Upper
106 100
91 209.7 164.2 246.2





#69

o-Xylene

Concen: 48.235 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

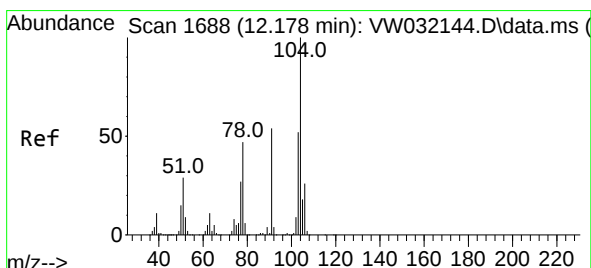
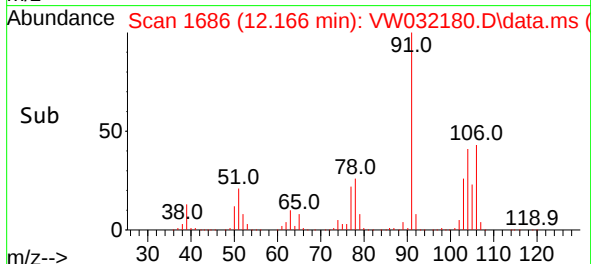
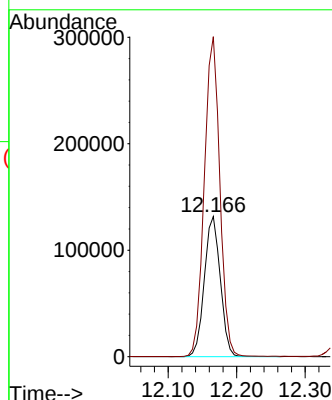
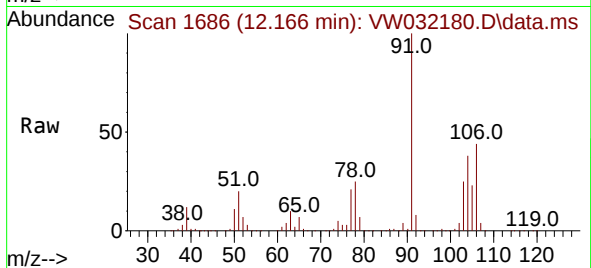
ClientSampleId :

Tgt Ion:106 Resp: 213423

Ion Ratio Lower Upper

106 100

91 222.5 108.7 326.3



#70

Styrene

Concen: 50.190 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

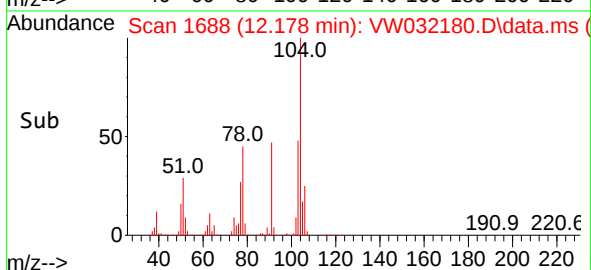
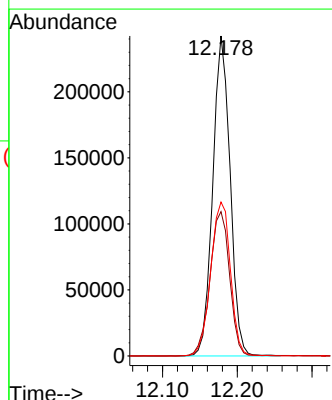
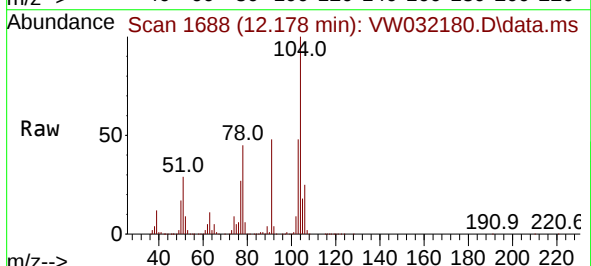
Tgt Ion:104 Resp: 391465

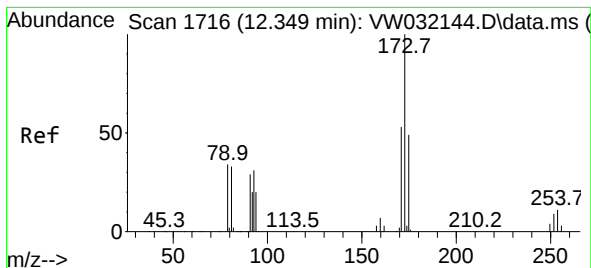
Ion Ratio Lower Upper

104 100

78 50.9 41.6 62.4

103 54.6 44.8 67.2





#71

Bromoform

Concen: 48.552 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032180.D

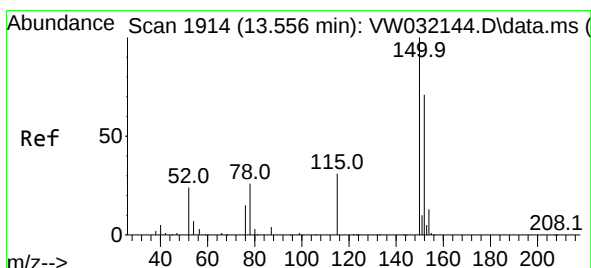
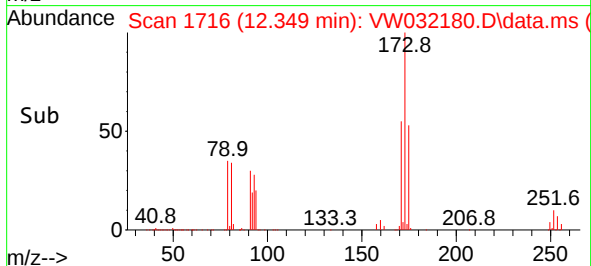
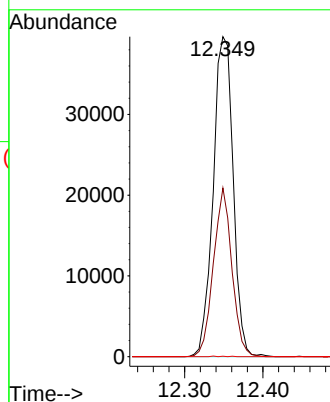
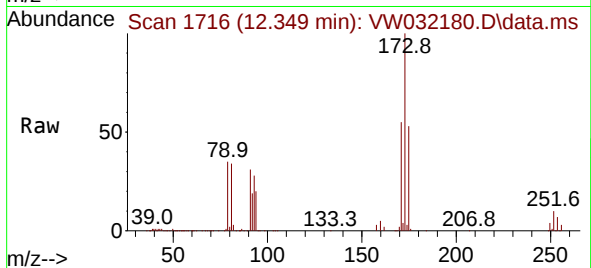
Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	70427
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

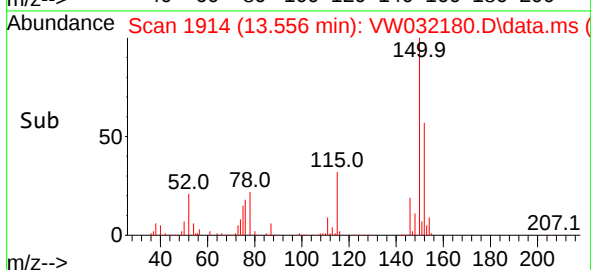
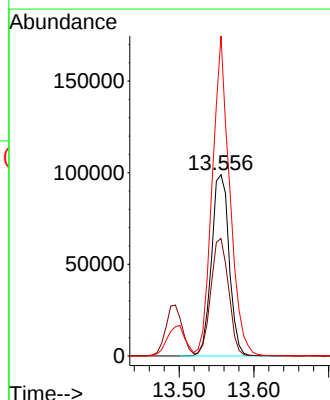
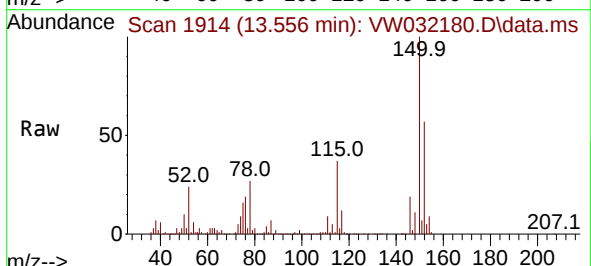
RT: 13.556 min Scan# 1914

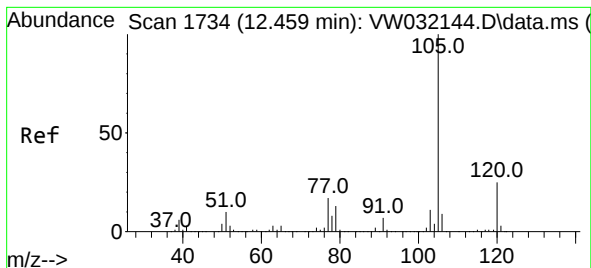
Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Tgt Ion:152	Resp:	162367
Ion Ratio	Lower	Upper
152	100	
115	65.2	31.8 95.4
150	174.2	0.0 343.0





#73

Isopropylbenzene

Concen: 51.440 ug/l

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

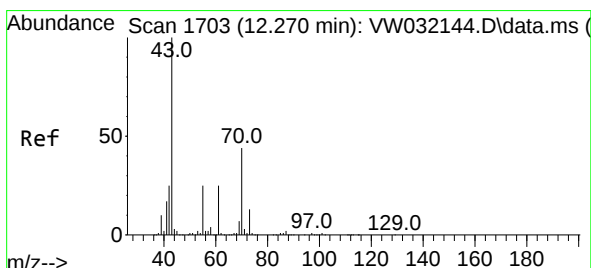
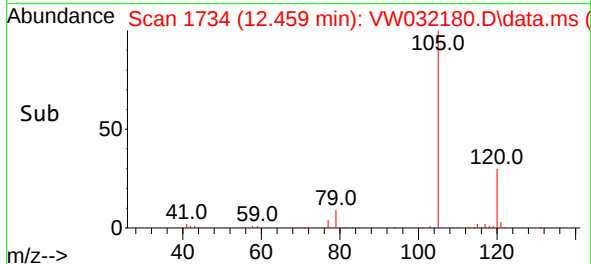
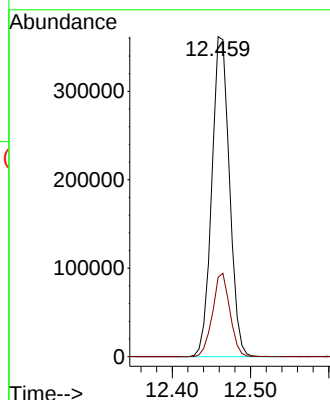
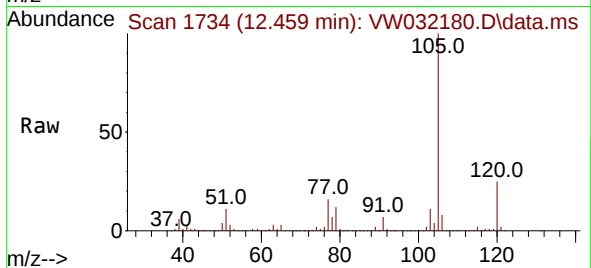
ClientSampleId :

Tgt Ion:105 Resp: 567413

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#74

N-ethyl acetate

Concen: 49.513 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Tgt Ion: 43 Resp: 158567

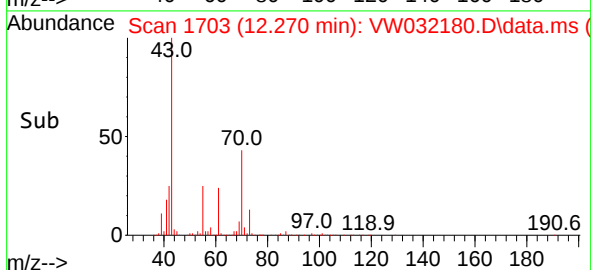
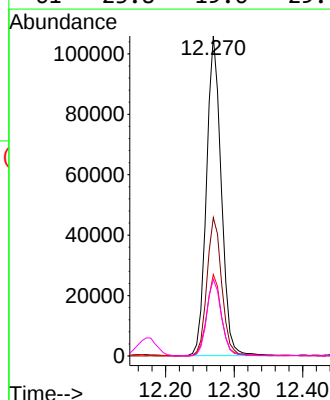
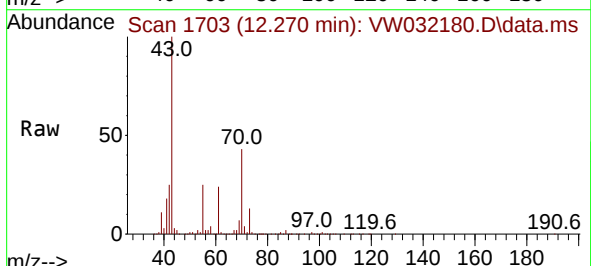
Ion Ratio Lower Upper

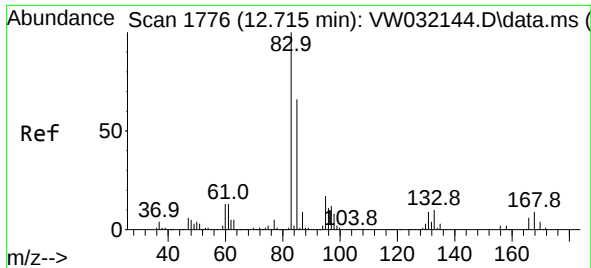
43 100

70 43.7 35.3 52.9

55 25.1 19.9 29.9

61 23.8 19.6 29.4

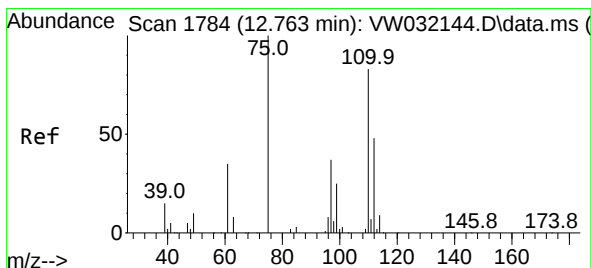
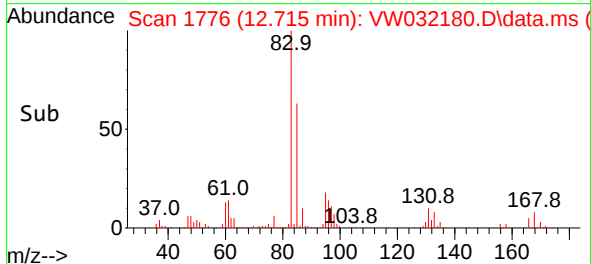
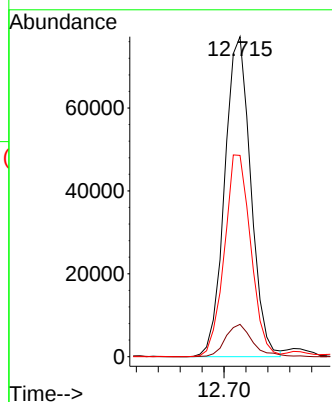
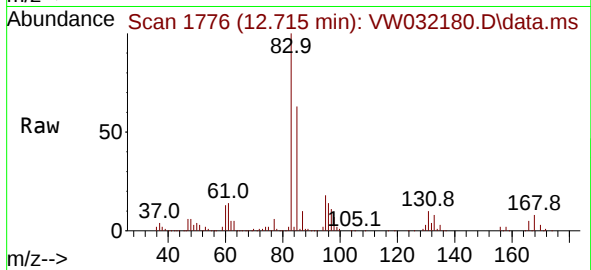




#75
1,1,2,2-Tetrachloroethane
Concen: 48.686 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

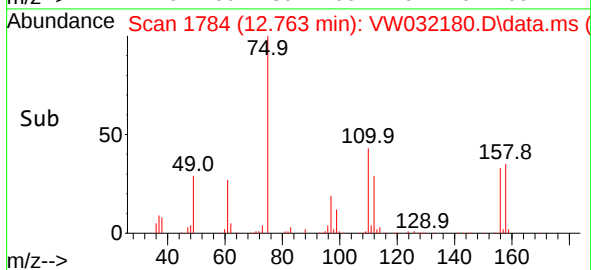
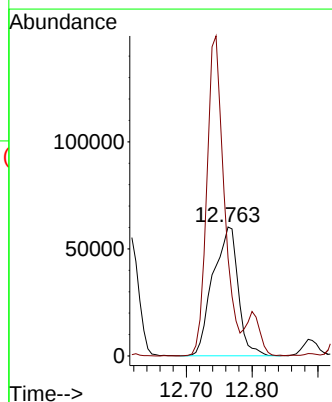
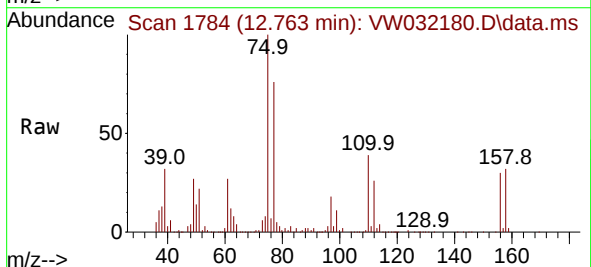
Instrument :
MSVOA_W
ClientSampleId :

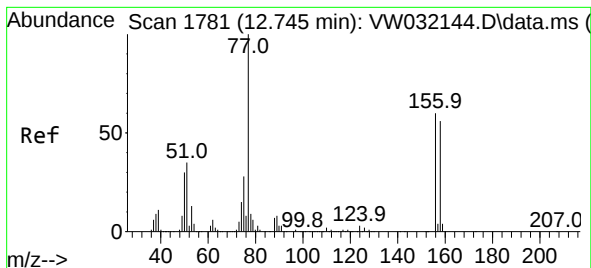
Tgt Ion: 83 Resp: 127627
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 63.8 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 78.849 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 75 Resp: 160389
Ion Ratio Lower Upper
75 100
77 171.0 141.7 425.1





#77

Bromobenzene

Concen: 48.415 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

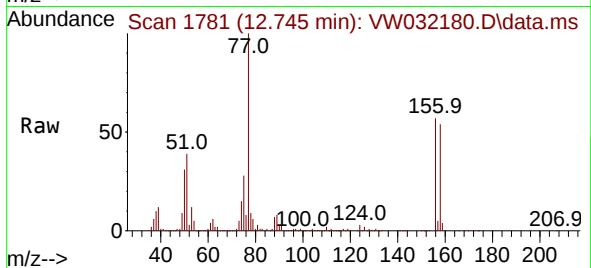
Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

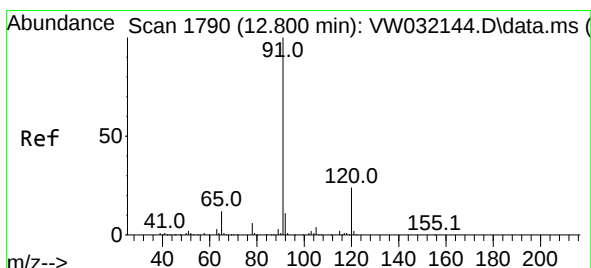
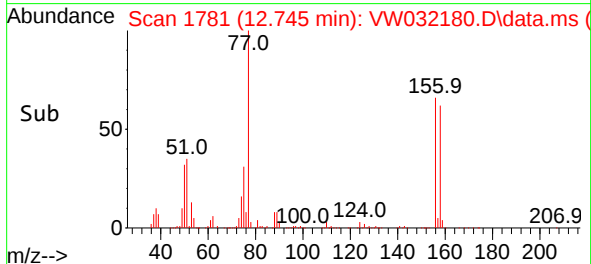
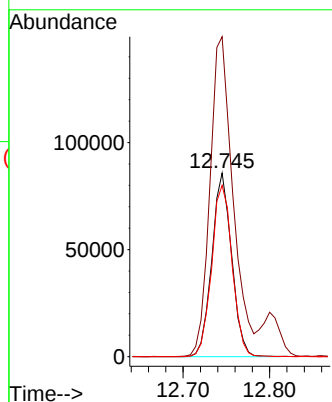
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	156	Resp:	136187
Ion Ratio	Lower	Upper	
156	100		
77	201.4	98.6	295.7
158	96.6	48.4	145.0



#78

n-propylbenzene

Concen: 52.698 ug/l

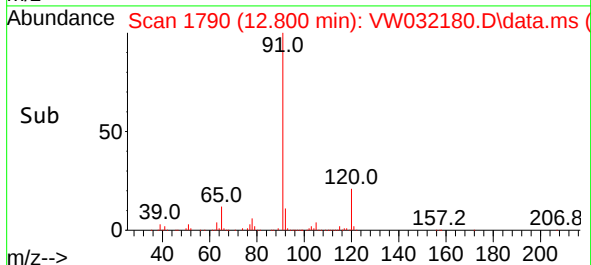
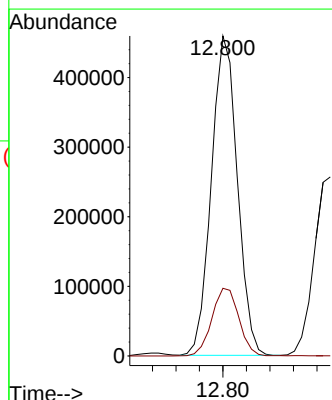
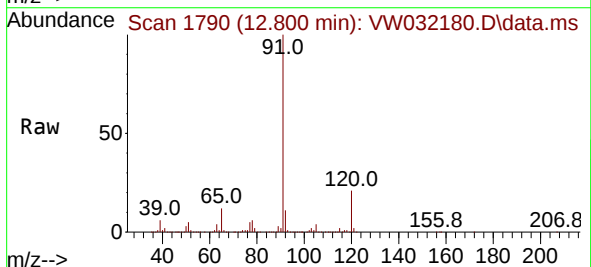
RT: 12.800 min Scan# 1790

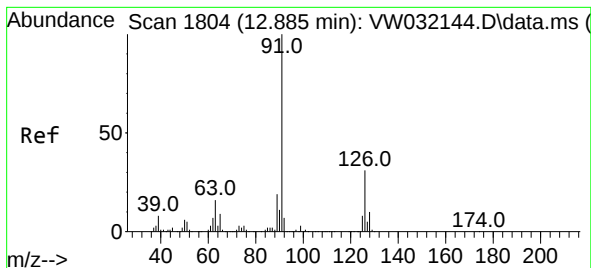
Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Tgt Ion:	91	Resp:	705736
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 51.701 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

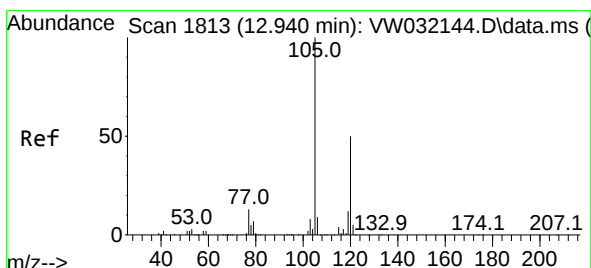
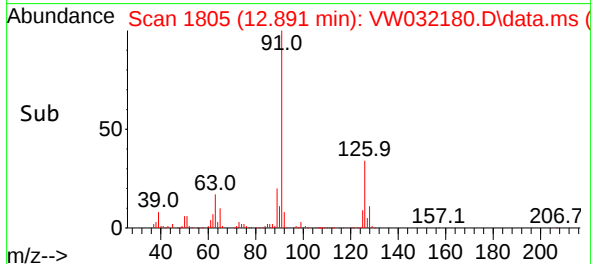
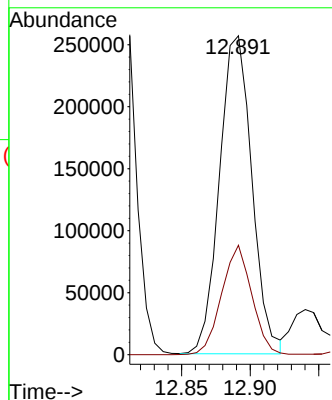
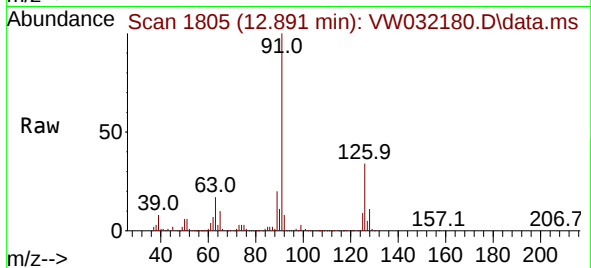
ClientSampleId :

Tgt Ion: 91 Resp: 423395

Ion Ratio Lower Upper

91 100

126 31.9 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 51.571 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032180.D

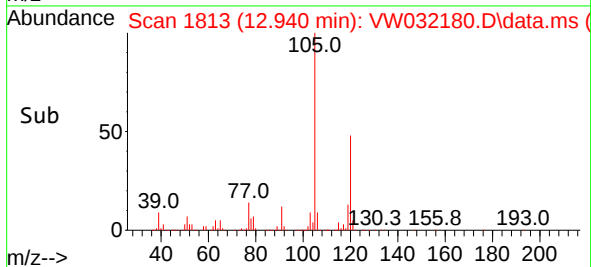
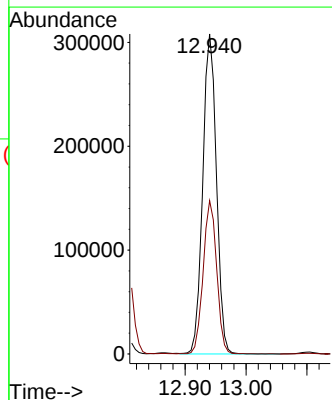
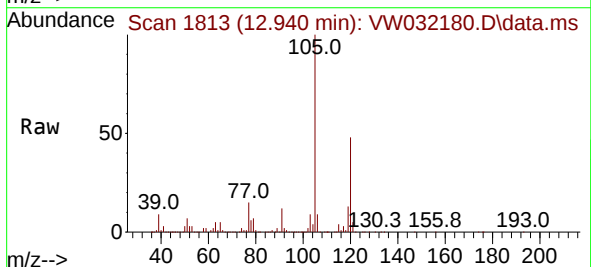
Acq: 17 Sep 2025 10:50

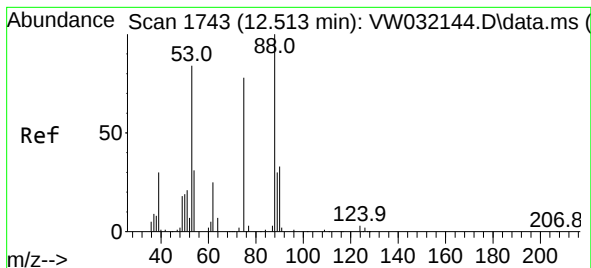
Tgt Ion: 105 Resp: 481635

Ion Ratio Lower Upper

105 100

120 47.3 24.8 74.4

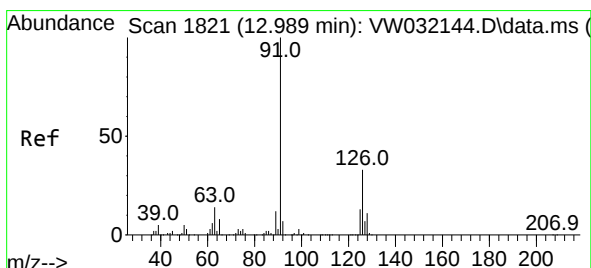
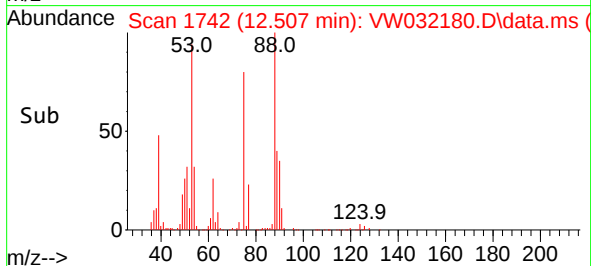
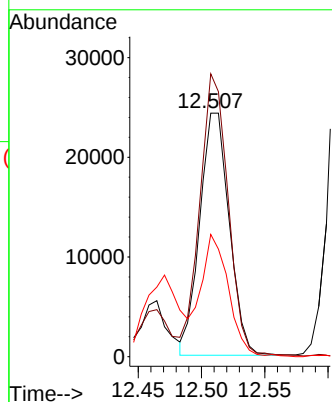
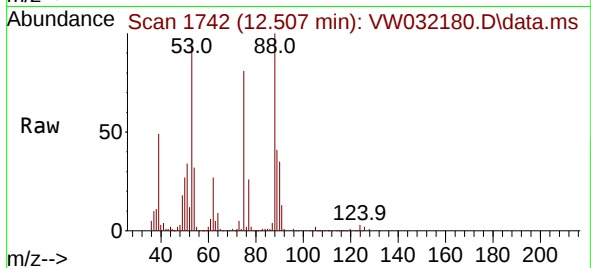




#81
trans-1,4-Dichloro-2-butene
Concen: 52.226 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

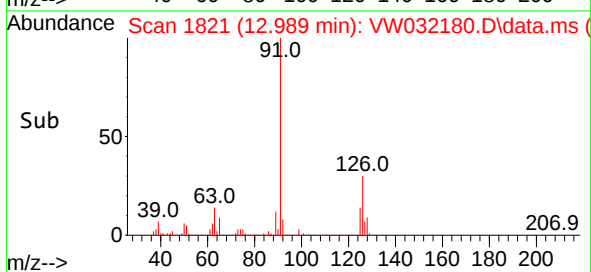
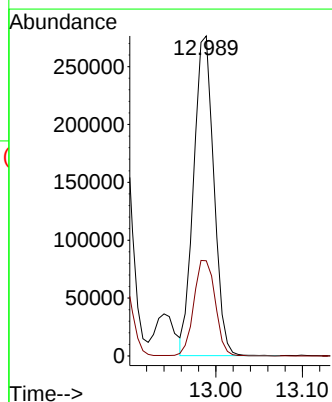
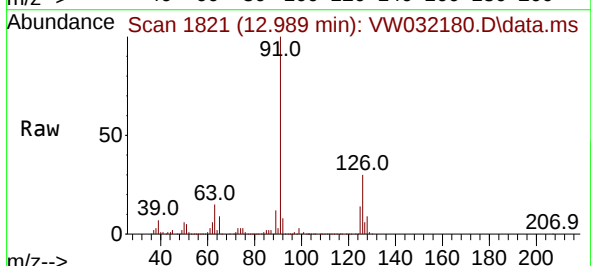
Instrument :
MSVOA_W
ClientSampleId :

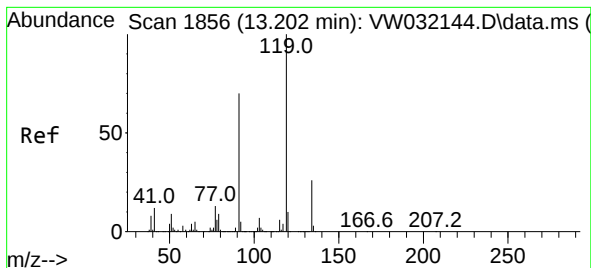
Tgt Ion: 75 Resp: 39456
Ion Ratio Lower Upper
75 100
53 111.4 91.0 136.6
89 47.4 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.913 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032180.D
Acq: 17 Sep 2025 10:50

Tgt Ion: 91 Resp: 446296
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2





#83

tert-Butylbenzene

Concen: 52.199 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

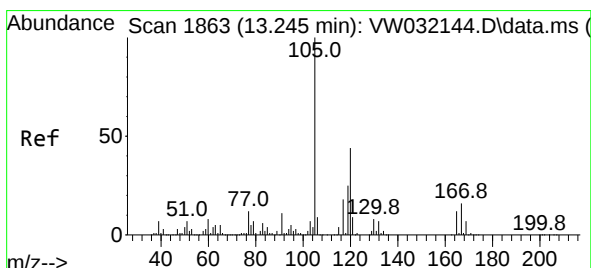
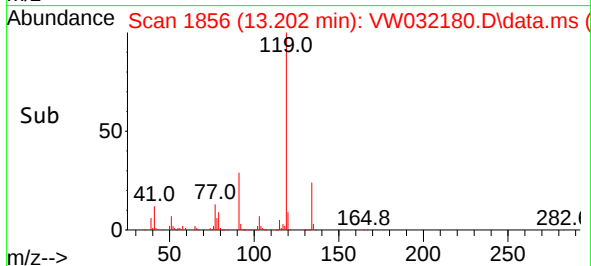
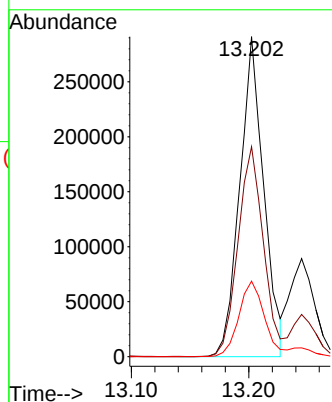
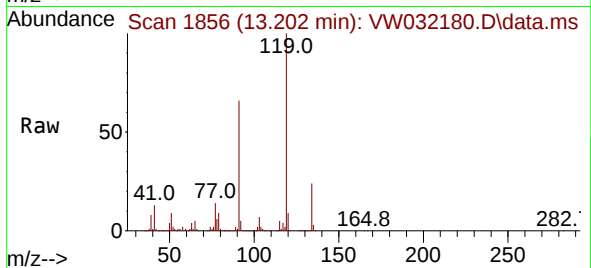
Tgt Ion:119 Resp: 413346

Ion Ratio Lower Upper

119 100

91 69.1 33.8 101.3

134 25.3 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 52.425 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032180.D

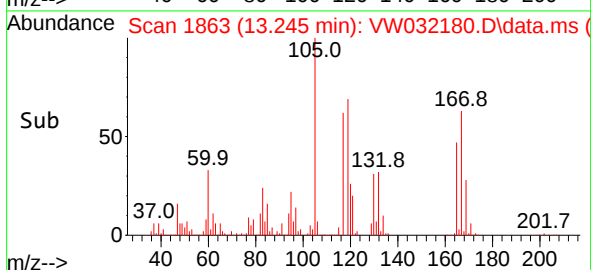
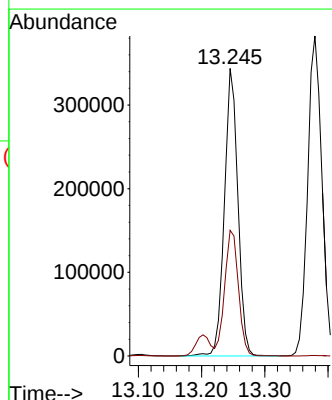
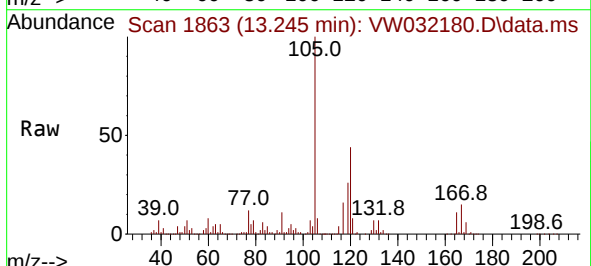
Acq: 17 Sep 2025 10:50

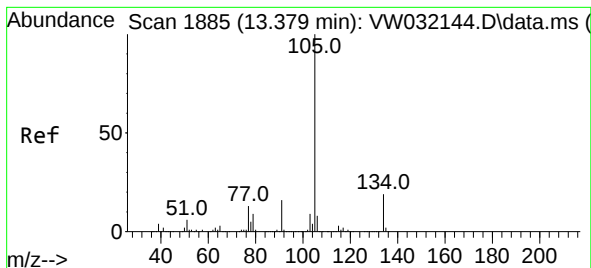
Tgt Ion:105 Resp: 506540

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 50.389 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

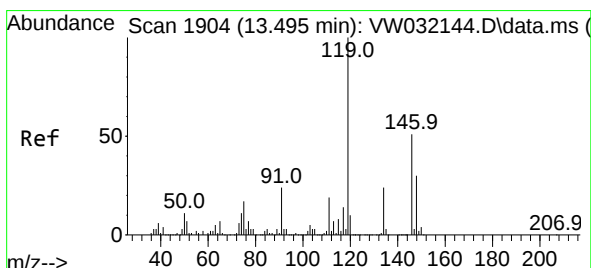
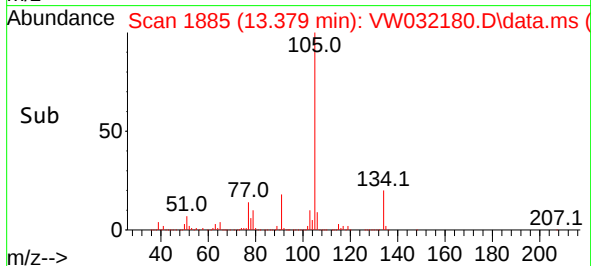
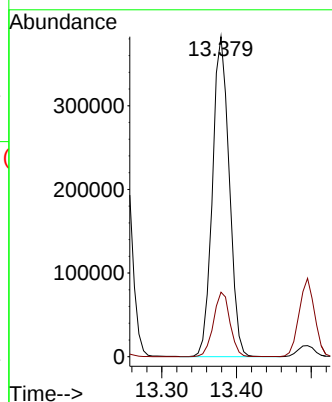
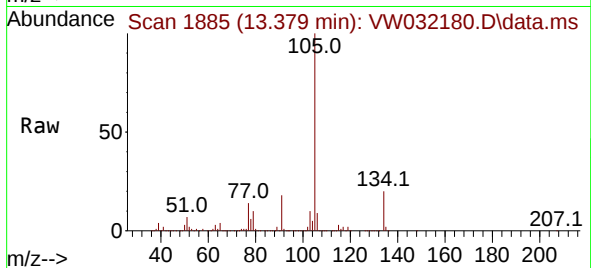
ClientSampleId :

Tgt Ion:105 Resp: 595748

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.407 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

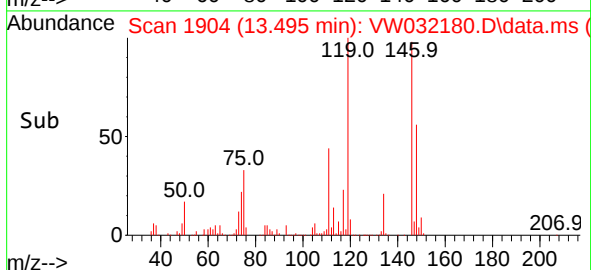
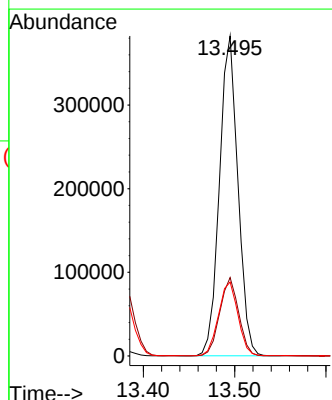
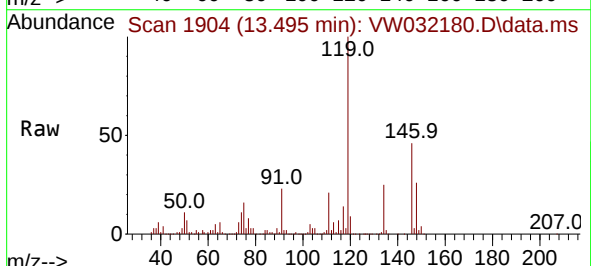
Tgt Ion:119 Resp: 536969

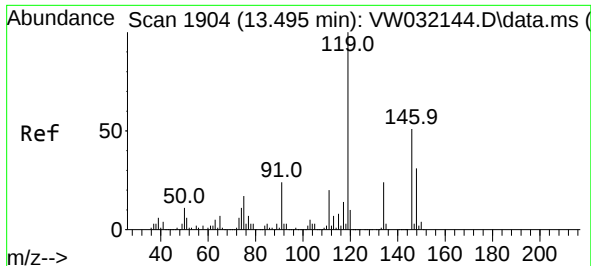
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.6

91 24.3 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 48.103 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

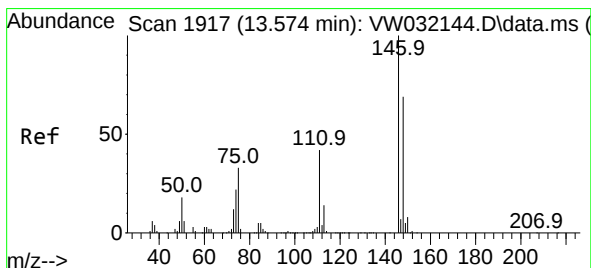
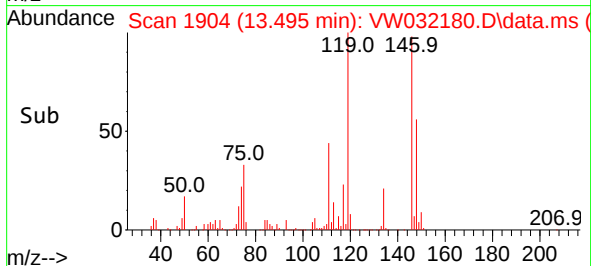
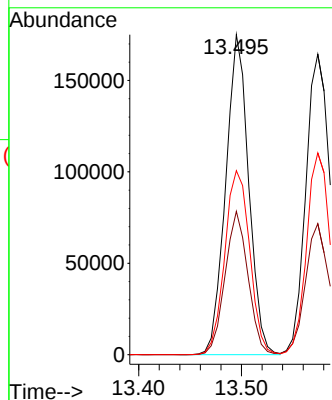
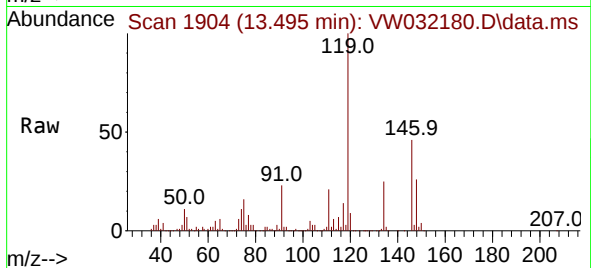
Tgt Ion:146 Resp: 272444

Ion Ratio Lower Upper

146 100

111 44.7 20.6 61.9

148 62.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 47.643 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

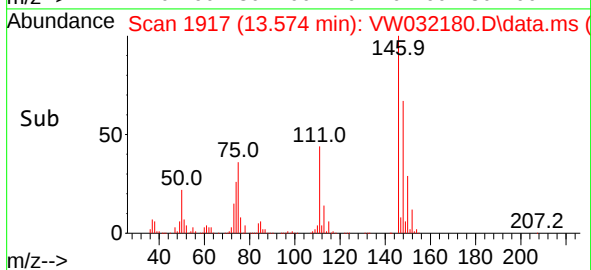
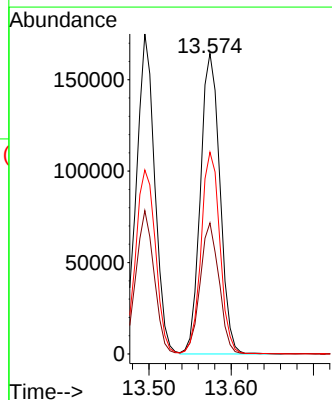
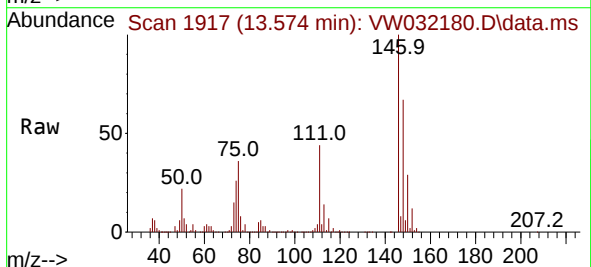
Tgt Ion:146 Resp: 270468

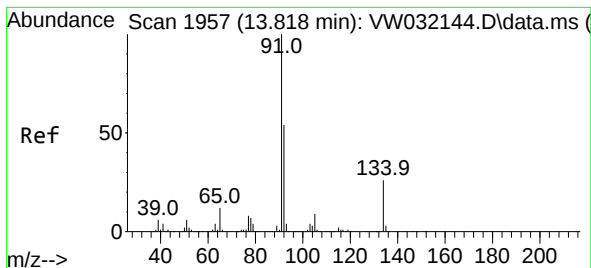
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

148 64.7 33.4 100.1





#89

n-Butylbenzene

Concen: 54.230 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032180.D

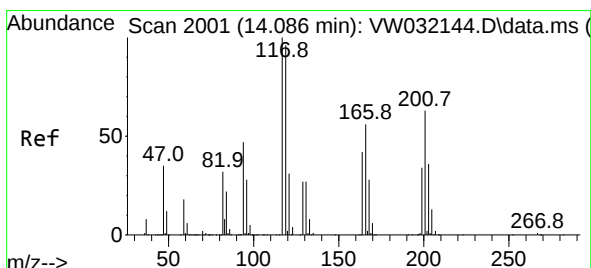
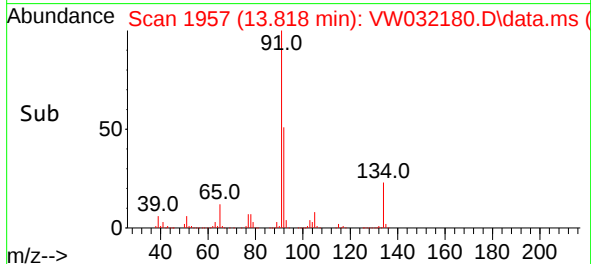
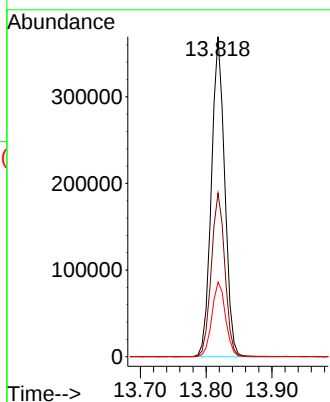
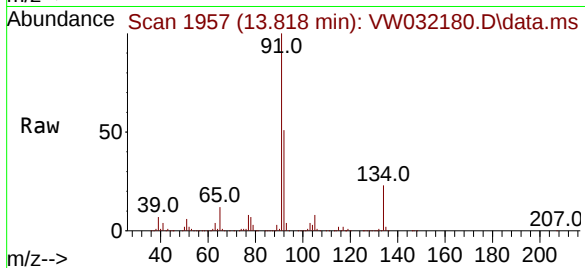
Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	519830
Ion	Ratio	Lower	Upper
91	100		
92	52.1	27.0	81.0
134	23.8	13.1	39.3



#90

Hexachloroethane

Concen: 52.973 ug/l

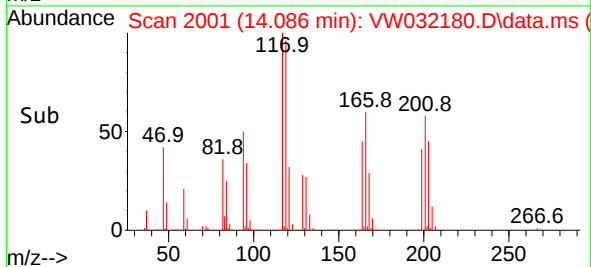
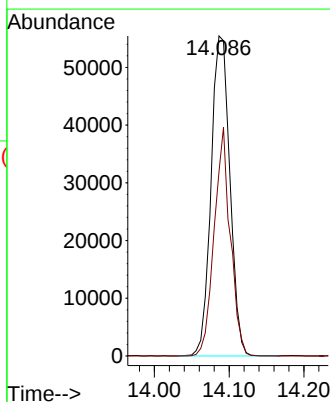
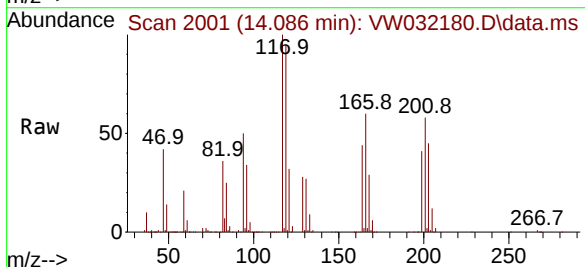
RT: 14.086 min Scan# 2001

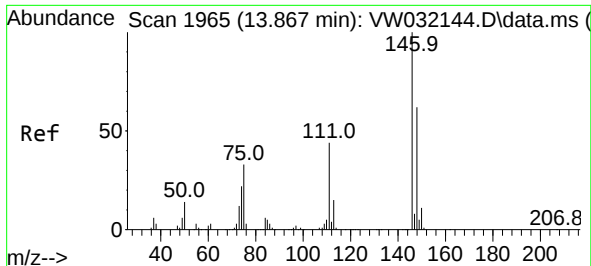
Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Tgt Ion:	117	Resp:	97421
Ion	Ratio	Lower	Upper
117	100		
201	61.3	32.8	98.4





#91

1,2-Dichlorobenzene

Concen: 49.130 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

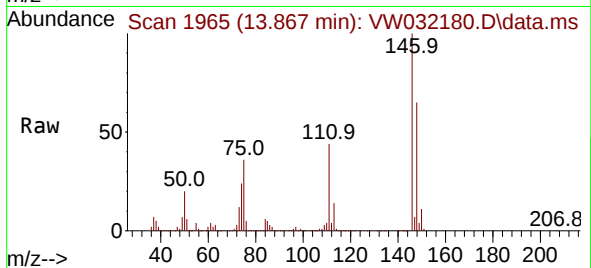
Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :



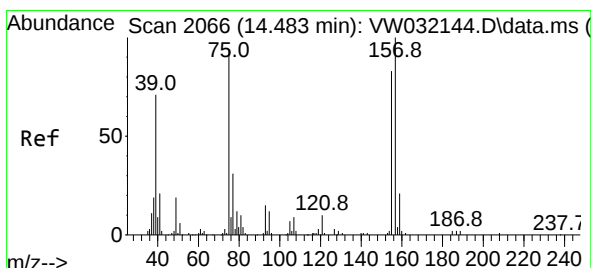
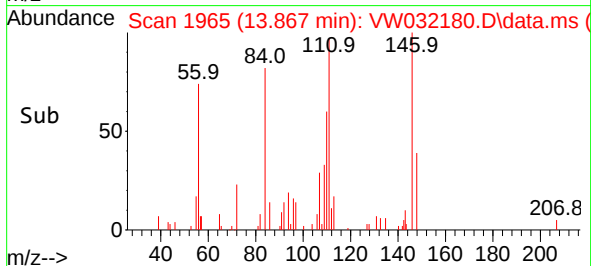
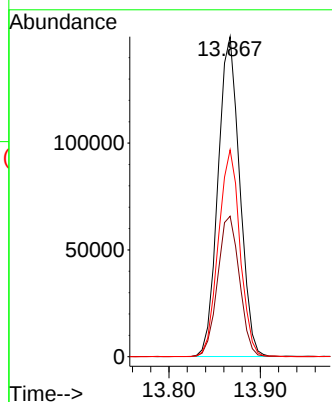
Tgt Ion:146 Resp: 246361

Ion Ratio Lower Upper

146 100

111 44.6 23.4 70.0

148 64.6 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.801 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

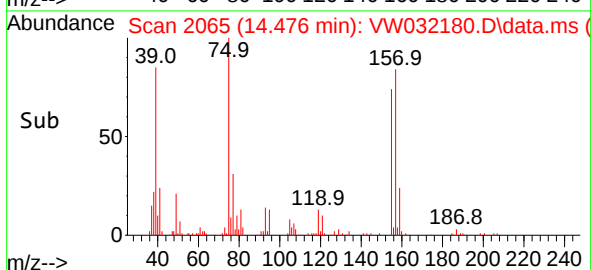
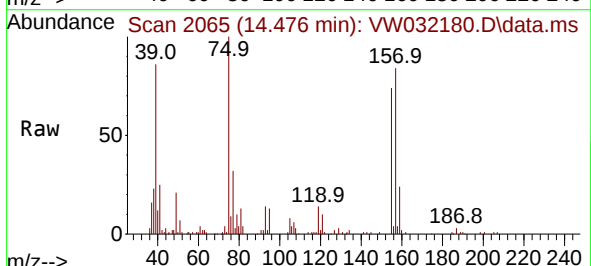
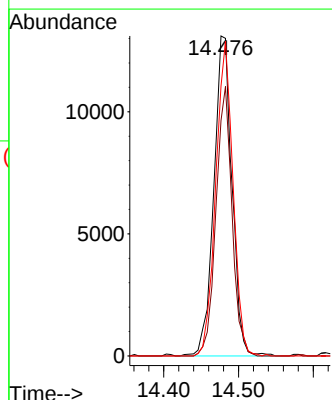
Tgt Ion: 75 Resp: 22137

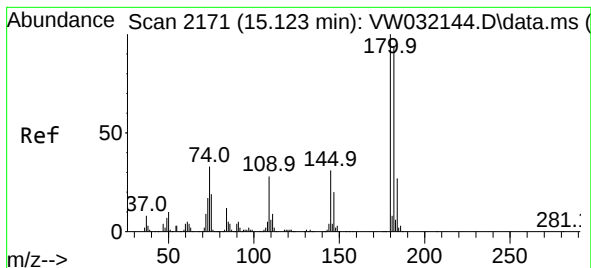
Ion Ratio Lower Upper

75 100

155 74.5 40.8 122.5

157 93.5 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 45.655 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

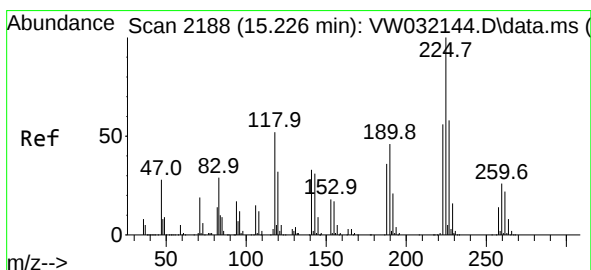
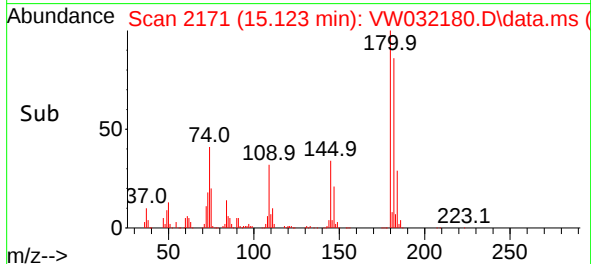
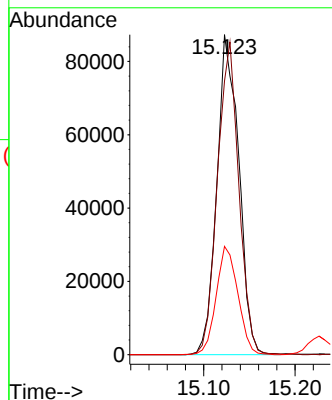
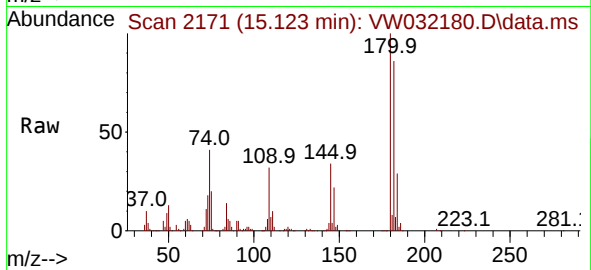
Tgt Ion:180 Resp: 146267

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.2

145 33.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 42.405 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

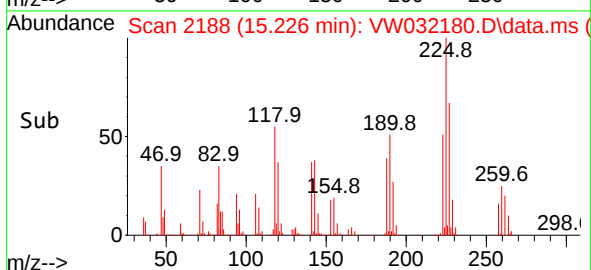
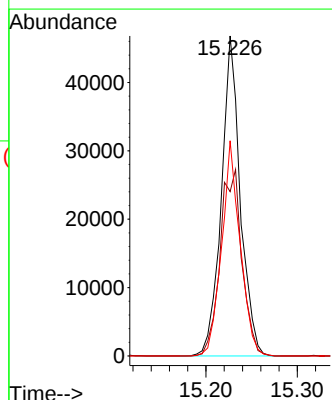
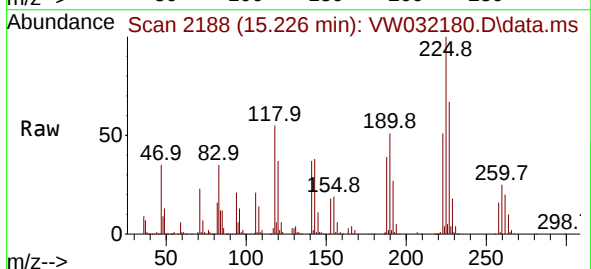
Tgt Ion:225 Resp: 67378

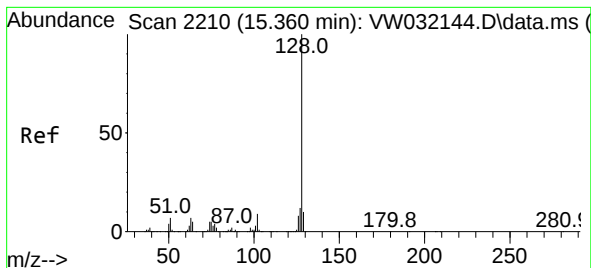
Ion Ratio Lower Upper

225 100

223 67.4 29.8 89.3

227 65.7 30.5 91.5





#95

Naphthalene

Concen: 48.605 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

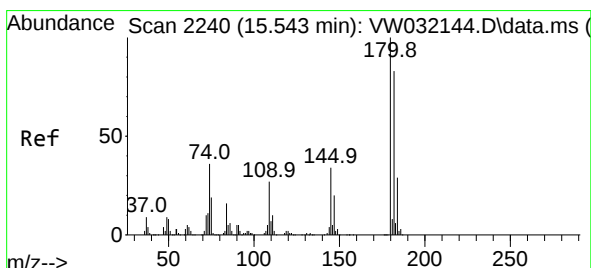
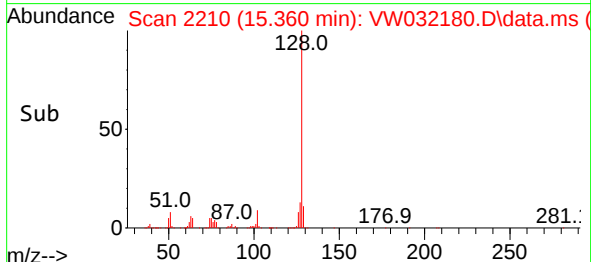
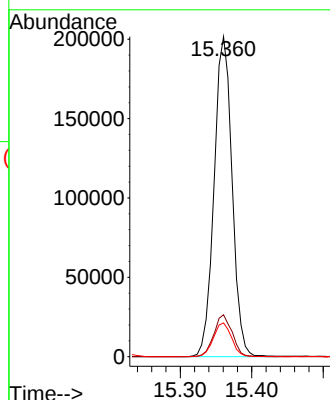
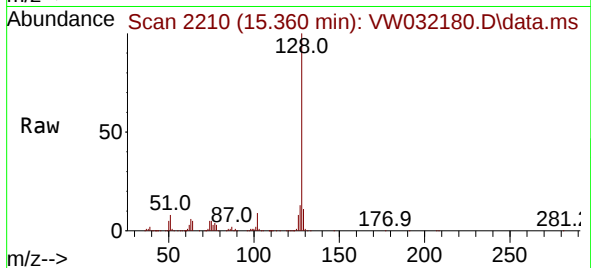
Tgt Ion:128 Resp: 352419

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.213 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032180.D

Acq: 17 Sep 2025 10:50

Tgt Ion:180 Resp: 137693

Ion Ratio Lower Upper

180 100

182 93.1 47.7 143.1

145 34.5 17.2 51.6

