

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031410.D
 Acq On : 20 Dec 2024 02:32
 Operator : SY/MD
 Sample : P5302-05MSD
 Misc : 3.81g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2AR6MSD

Quant Time: Dec 20 04:12:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	902101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	730682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	317848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	208544	15.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.440%
7) Chloroethane-d5	2.893	69	172648	17.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	4.015	65	92439	14.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.440%
21) 2-Butanone-d5	7.100	46	56228	21.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.000%
24) Chloroform-d	7.648	84	400773	16.215	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.840%
26) 1,2-Dichloroethane-d4	8.307	65	213058	17.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.640%#
32) Benzene-d6	8.276	84	768847	16.417	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.680%
36) 1,2-Dichloropropane-d6	9.270	67	237957	17.434	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.720%#
41) Toluene-d8	10.319	98	685802	15.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.960%
43) trans-1,3-Dichloroprop...	10.575	79	75130	11.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	47.760%
47) 2-Hexanone-d5	10.922	63	42652	23.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160531	18.732	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	190893	16.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	105090	12.890	ug/L	95
3) Chloromethane	2.216	50	102484	11.189	ug/L	95
5) Vinyl chloride	2.369	62	165668	13.052	ug/L	99
6) Bromomethane	2.789	94	90233	11.563	ug/L	96
8) Chloroethane	2.930	64	111506	14.772	ug/L	100
9) Trichlorofluoromethane	3.265	101	167177	12.363	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	147117	13.473	ug/L	97
12) 1,1-Dichloroethene	4.039	96	136286	12.324	ug/L	99
13) Acetone	4.173	43	49586	13.929	ug/L #	100
14) Carbon disulfide	4.387	76	327619	9.084	ug/L	99
15) Methyl Acetate	4.685	43	43410	10.736	ug/L	100
16) Methylene chloride	4.917	84	164632	14.505	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	151197	12.684	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	310652	15.588	ug/L	99
19) 1,1-Dichloroethane	6.216	63	311165	13.969	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	180039	13.959	ug/L	97
22) 2-Butanone	7.191	43	79152	18.350	ug/L	96
23) Bromochloromethane	7.514	128	79073	15.372	ug/L	93
25) Chloroform	7.673	83	324227	14.748	ug/L	99

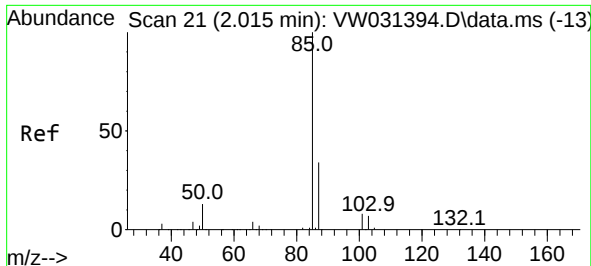
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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	213644	15.457	ug/L	100
29) Cyclohexane	7.953	56	228666	11.540	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	246840	13.070	ug/L	98
31) Carbon tetrachloride	8.069	117	201570	11.980	ug/L	97
33) Benzene	8.319	78	647208	14.333	ug/L	100
34) Trichloroethene	9.093	95	167294	13.123	ug/L	94
35) Methylcyclohexane	9.331	83	254619	11.469	ug/L	97
37) 1,2-Dichloropropane	9.368	63	174590	15.499	ug/L	100
38) Bromodichloromethane	9.642	83	207156	14.146	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	219444	11.528	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	176725	29.571	ug/L	98
42) Toluene	10.386	91	680445	13.841	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	183806	11.826	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	127992	17.083	ug/L	95
46) Tetrachloroethene	10.855	164	111823	11.975	ug/L	92
48) 2-Hexanone	10.965	43	114439	22.515	ug/L	97
49) Dibromochloromethane	11.129	129	127615	14.369	ug/L	88
50) 1,2-Dibromoethane	11.233	107	107584	15.157	ug/L	94
51) Chlorobenzene	11.654	112	425404	13.801	ug/L	94
52) Ethylbenzene	11.727	91	738939	12.969	ug/L	95
53) m,p-Xylene	11.837	106	283330	13.062	ug/L	97
54) o-Xylene	12.160	106	281109	13.751	ug/L	97
55) Styrene	12.178	104	451693	13.284	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	138696	17.172	ug/L	99
59) Bromoform	12.349	173	61612	13.798	ug/L	98
60) Isopropylbenzene	12.458	105	719276	13.828	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	101627	18.685	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	583037	13.221	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	583931	13.700	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	290243	13.773	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	292292	13.998	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	276842	15.246	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	20740	15.026	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	193065	13.081	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	156119	12.716	ug/L	97
71) Naphthalene	15.360	128	325144	15.105	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132801	13.425	ug/L	96

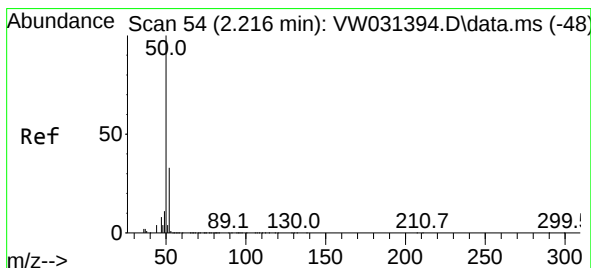
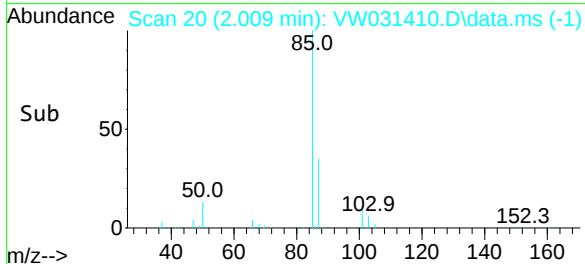
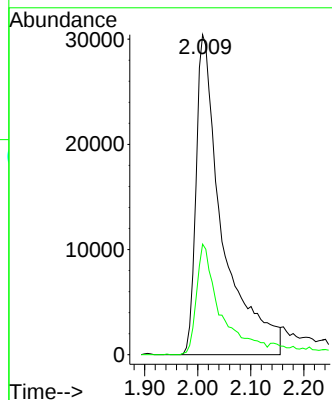
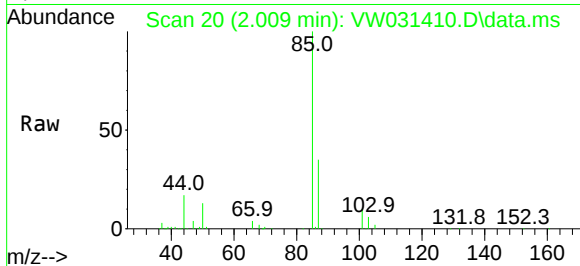
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 12.890 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

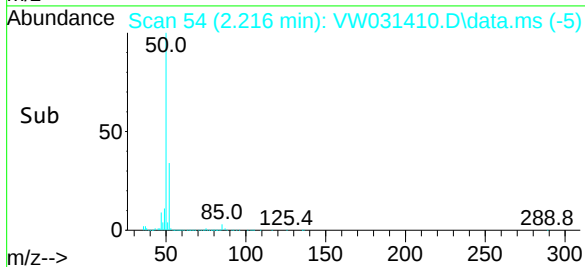
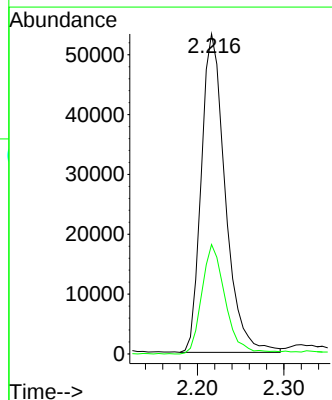
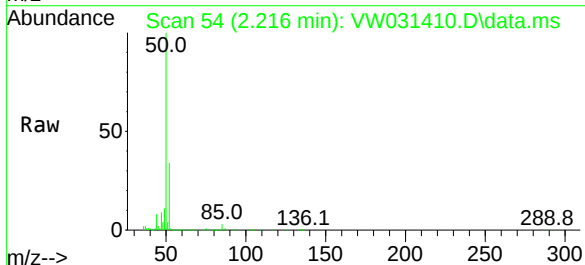
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

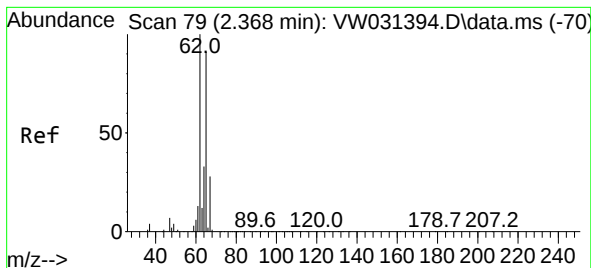
Tgt Ion: 85 Resp: 105090
Ion Ratio Lower Upper
85 100
87 28.5 24.9 37.3



#3
Chloromethane
Concen: 11.189 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 50 Resp: 102484
Ion Ratio Lower Upper
50 100
52 34.2 22.0 41.0





#5

Vinyl chloride

Concen: 13.052 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

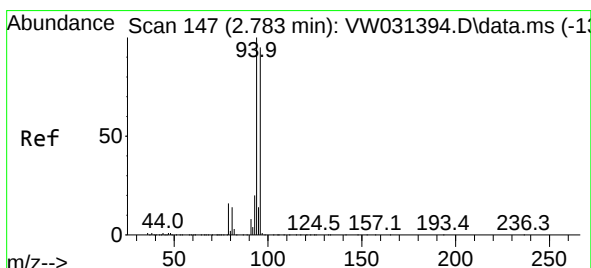
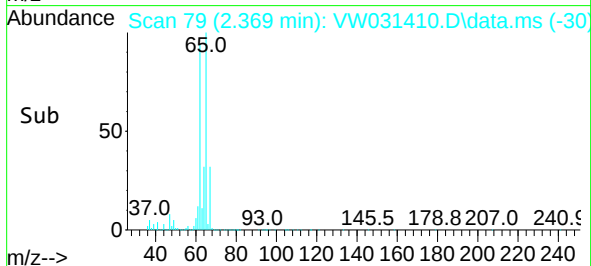
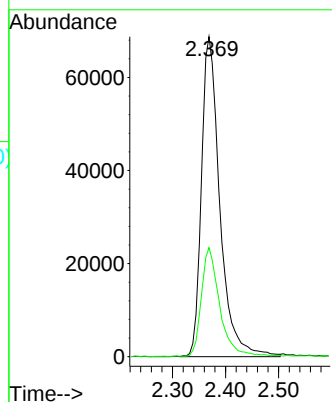
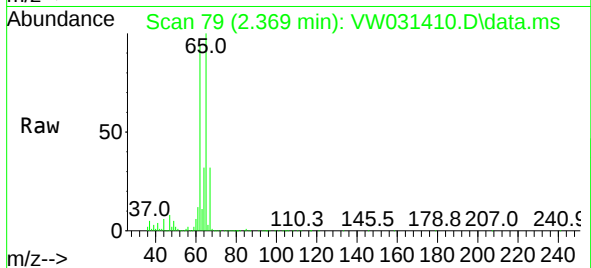
E2AR6MSD

Tgt Ion: 62 Resp: 165668

Ion Ratio Lower Upper

62 100

64 34.1 24.1 44.8



#6

Bromomethane

Concen: 11.563 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.006 min

Lab File: VW031410.D

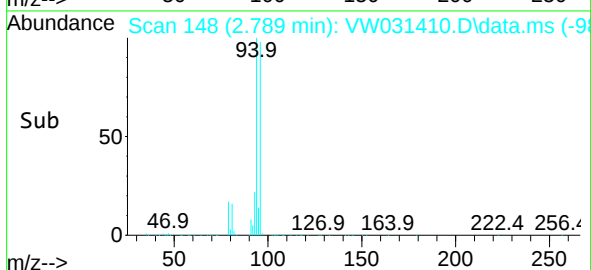
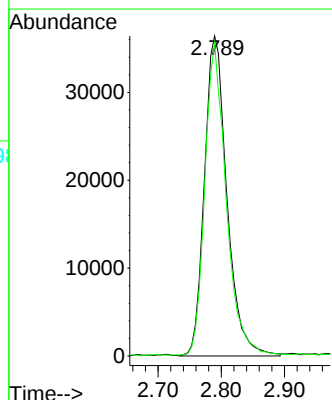
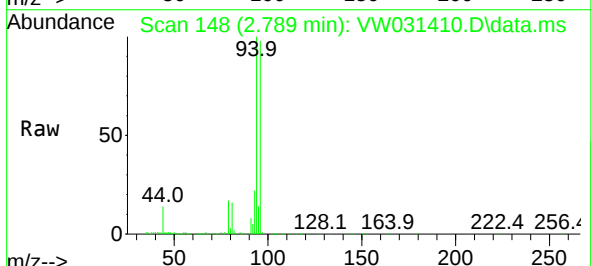
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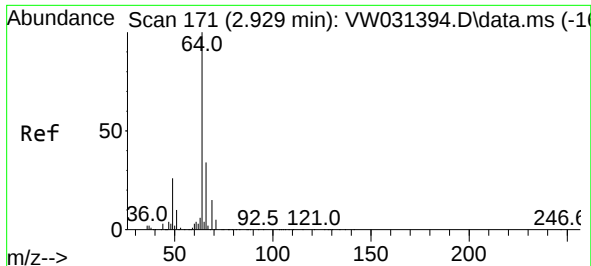
Tgt Ion: 94 Resp: 90233

Ion Ratio Lower Upper

94 100

96 97.8 65.6 121.8

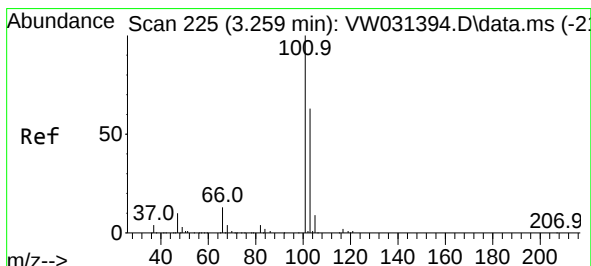
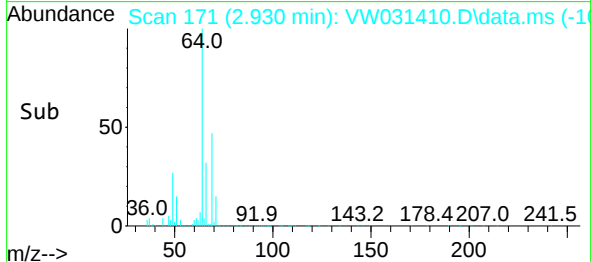
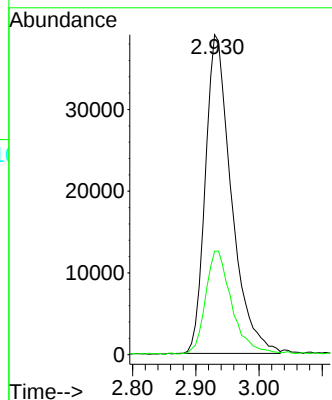
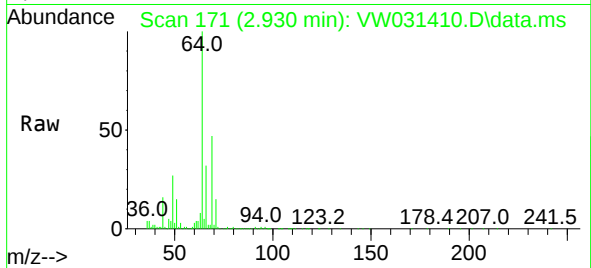




#8
Chloroethane
Concen: 14.772 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

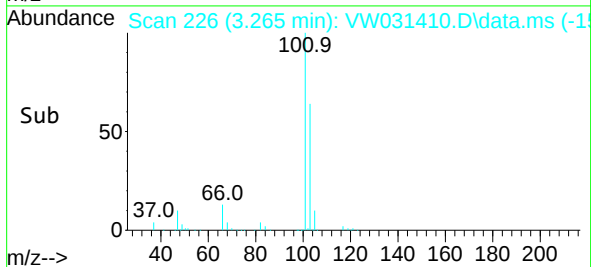
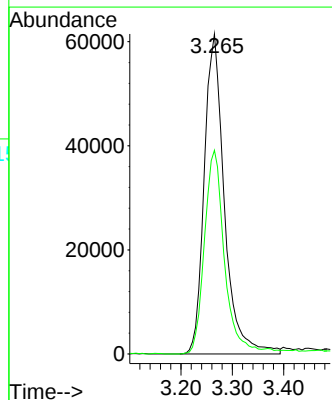
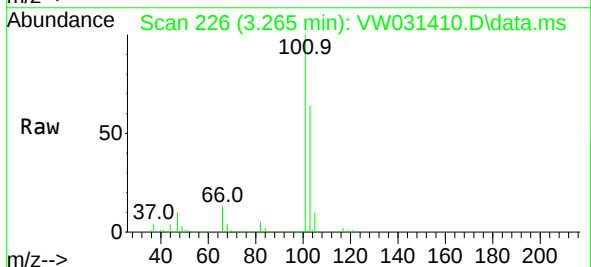
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ClientSampleId :
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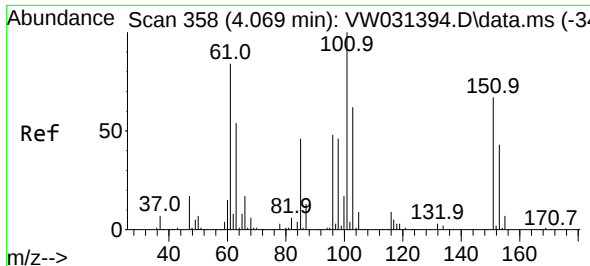
Tgt Ion: 64 Resp: 111506
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 12.363 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 101 Resp: 167177
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

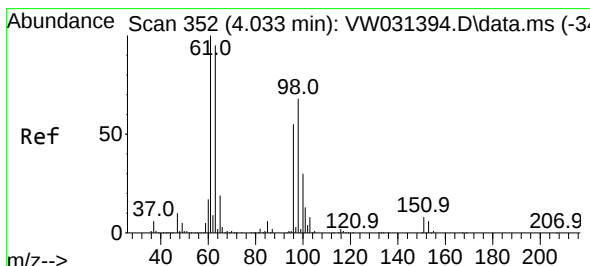
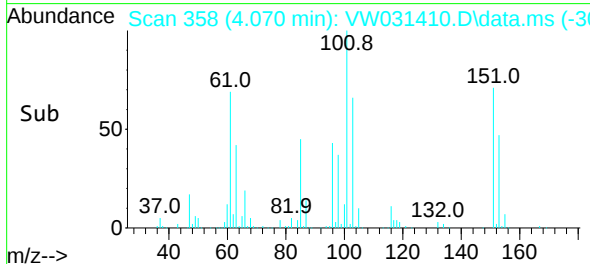
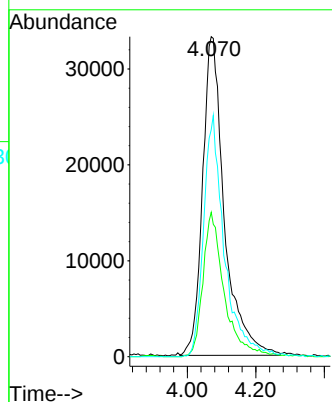
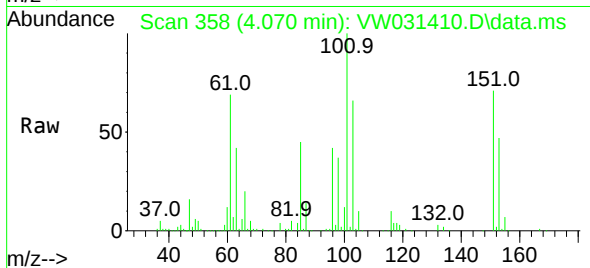




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.473 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW031410.D
 Acq: 20 Dec 2024 02:32

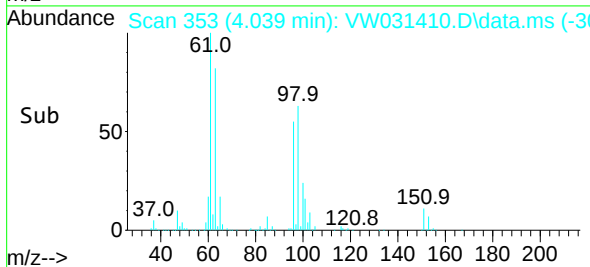
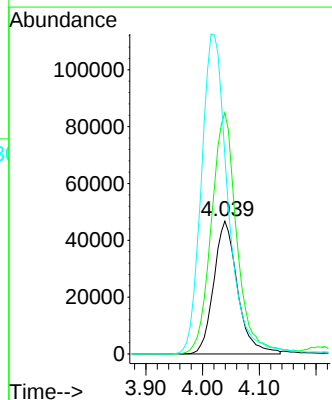
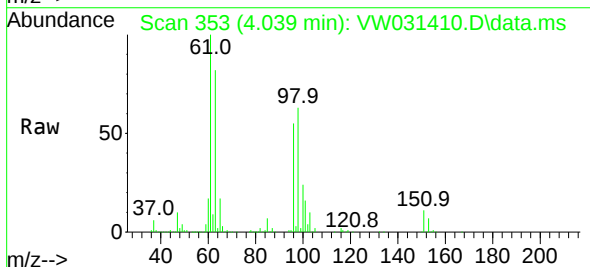
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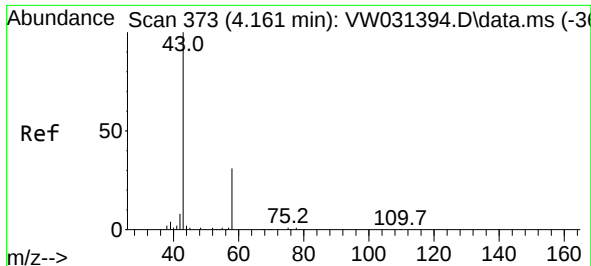
Tgt Ion:101 Resp: 147117
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.0 49.4
 151 70.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 12.324 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031410.D
 Acq: 20 Dec 2024 02:32

Tgt Ion: 96 Resp: 136286
 Ion Ratio Lower Upper
 96 100
 61 181.7 125.3 232.7
 63 149.6 104.6 194.2

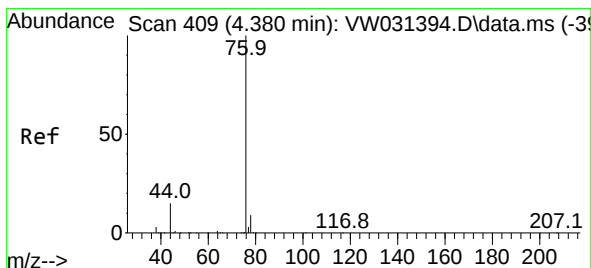
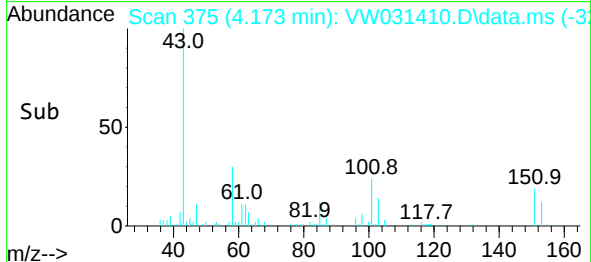
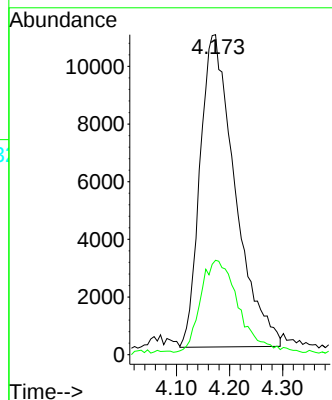
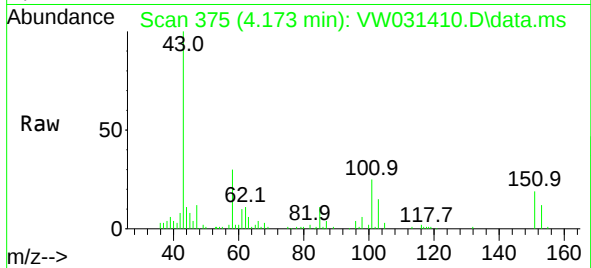




#13
Acetone
Concen: 13.929 ug/L
RT: 4.173 min Scan# 31
Delta R.T. 0.013 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

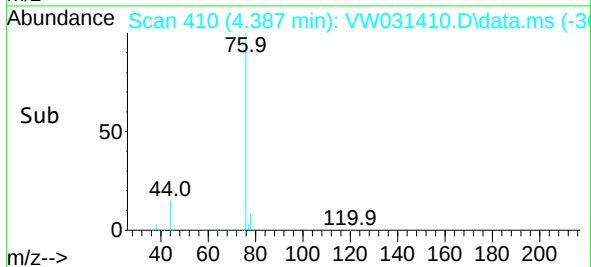
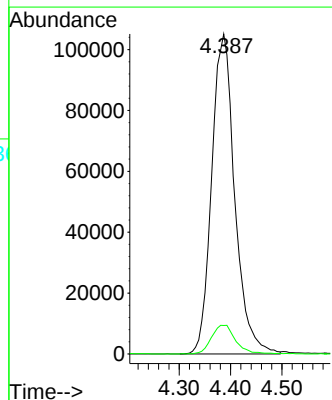
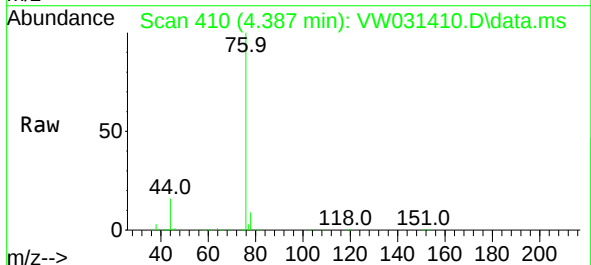
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E2AR6MSD

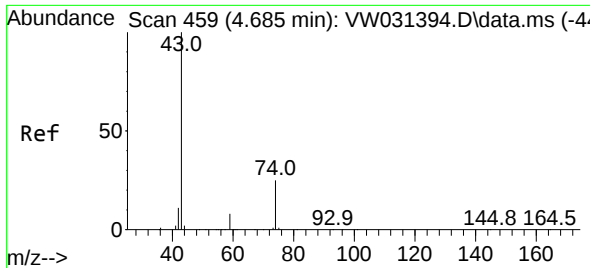
Tgt Ion: 43 Resp: 49586
Ion Ratio Lower Upper
43 100
58 33.6 0.0 0.0#



#14
Carbon disulfide
Concen: 9.084 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 76 Resp: 327619
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

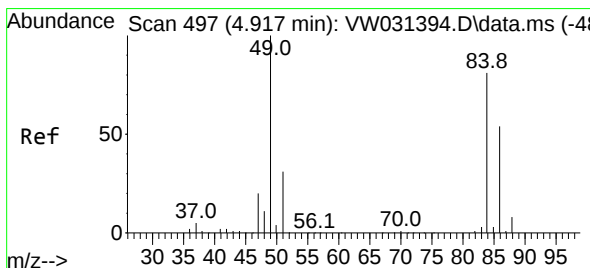
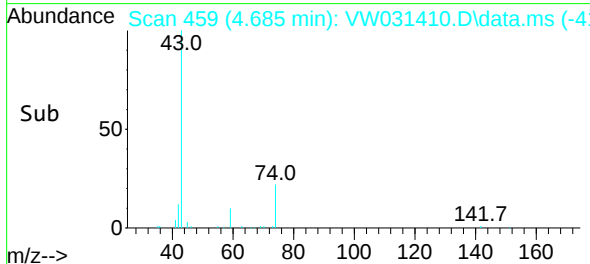
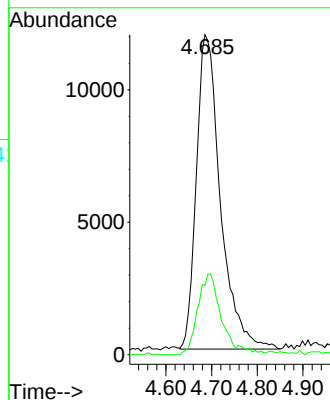
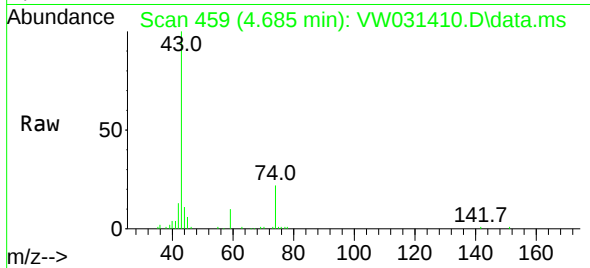




#15
Methyl Acetate
Concen: 10.736 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

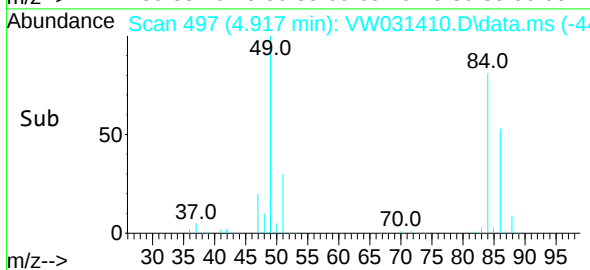
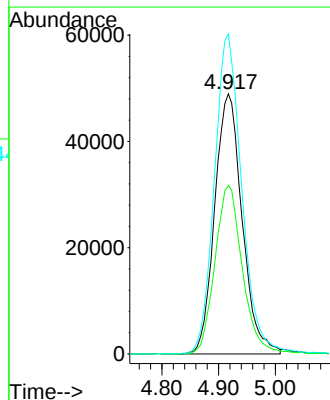
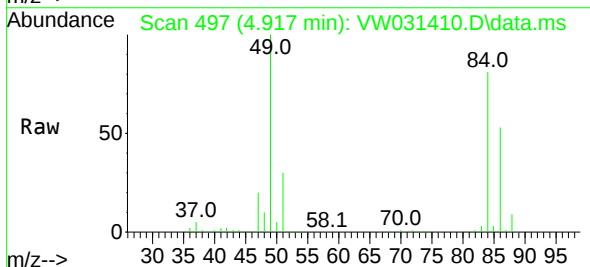
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

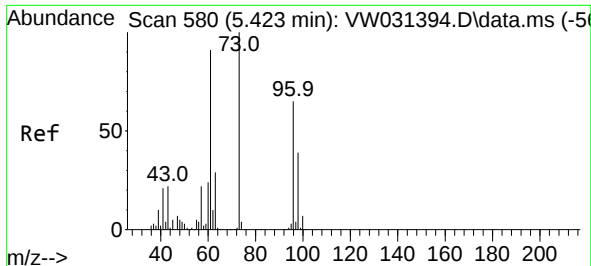
Tgt Ion: 43 Resp: 43410
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3



#16
Methylene chloride
Concen: 14.505 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 84 Resp: 164632
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 123.0 88.3 164.1

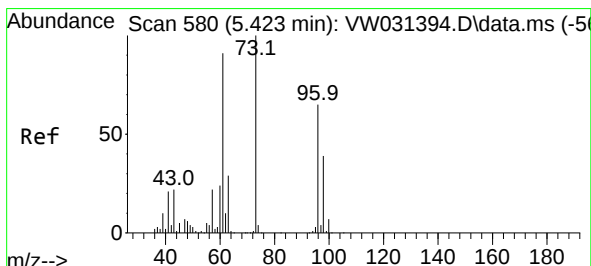
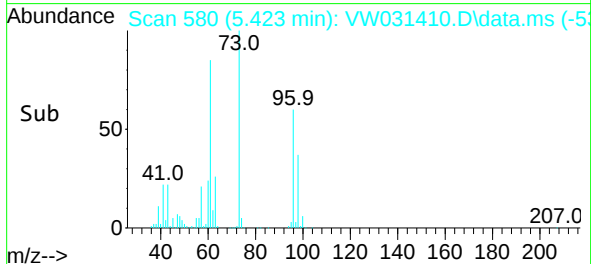
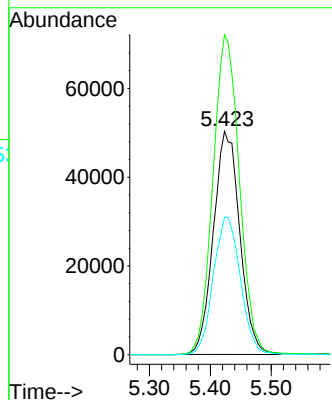
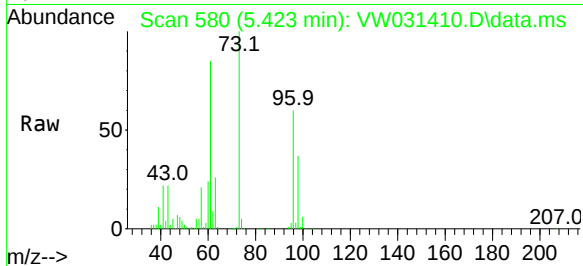




#17
trans-1,2-Dichloroethene
Concen: 12.684 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

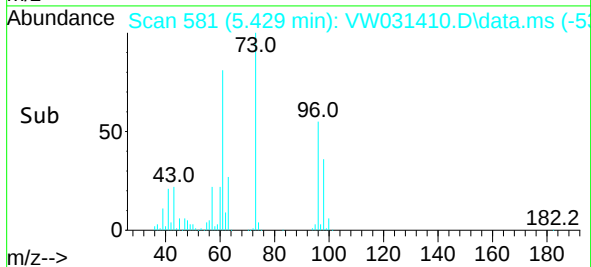
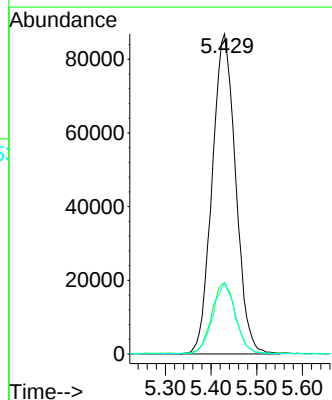
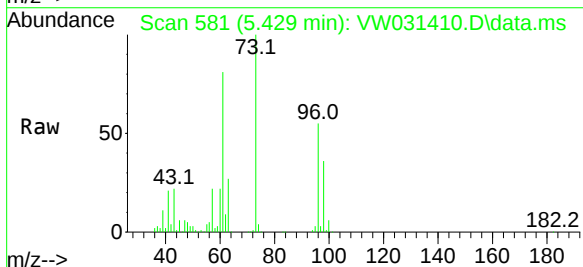
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

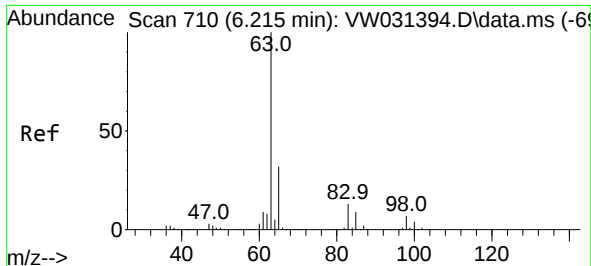
Tgt Ion: 96 Resp: 151197
Ion Ratio Lower Upper
96 100
61 143.2 100.7 187.1
98 61.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 15.588 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 73 Resp: 310652
Ion Ratio Lower Upper
73 100
43 22.2 17.9 26.9
57 21.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 13.969 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

E2AR6MSD

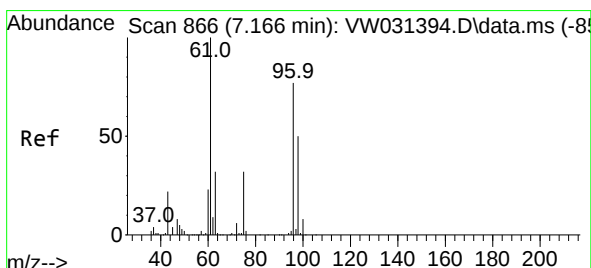
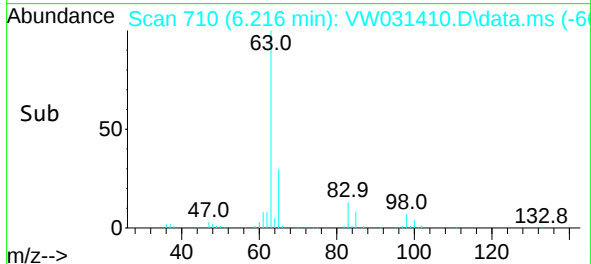
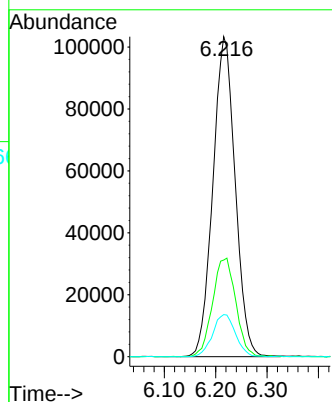
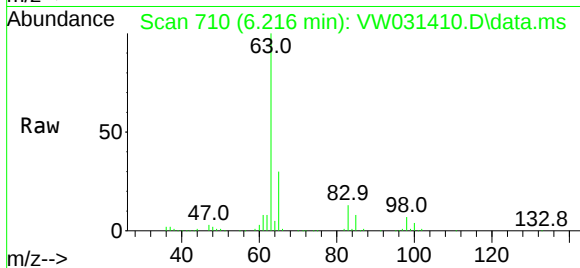
Tgt Ion: 63 Resp: 311165

Ion Ratio Lower Upper

63 100

65 30.2 21.9 40.7

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 13.959 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

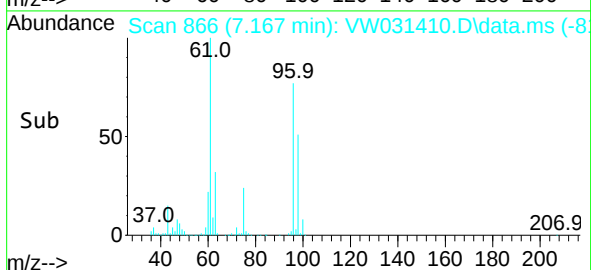
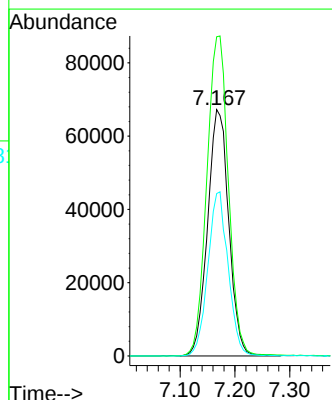
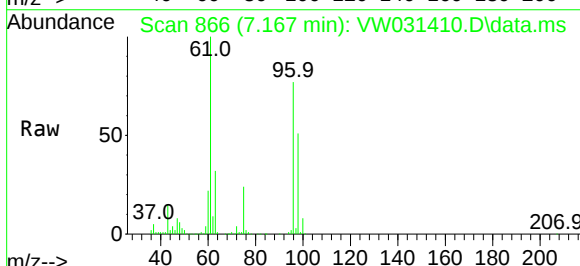
Tgt Ion: 96 Resp: 180039

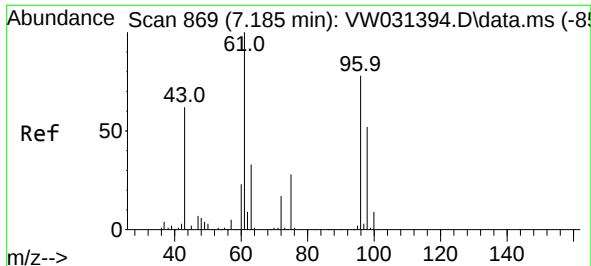
Ion Ratio Lower Upper

96 100

61 129.5 92.2 171.2

98 65.9 43.7 81.1

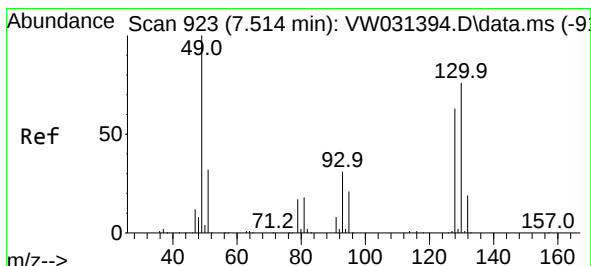
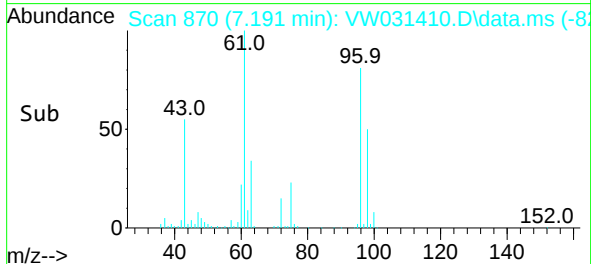
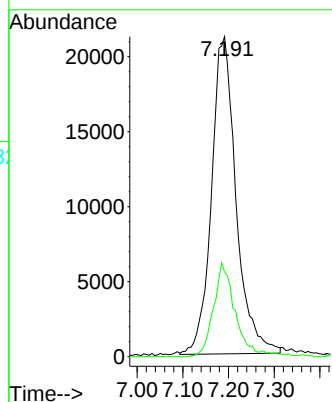
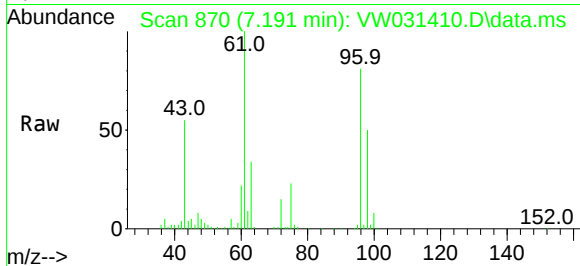




#22
2-Butanone
Concen: 18.350 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

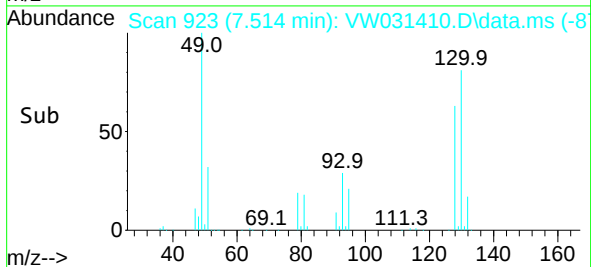
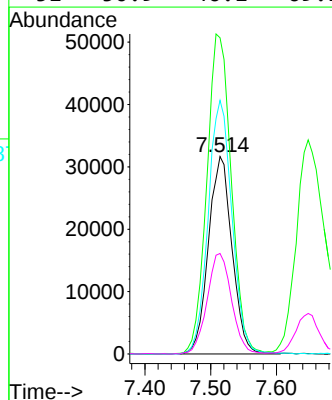
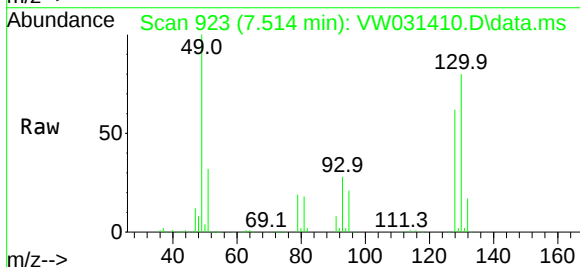
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

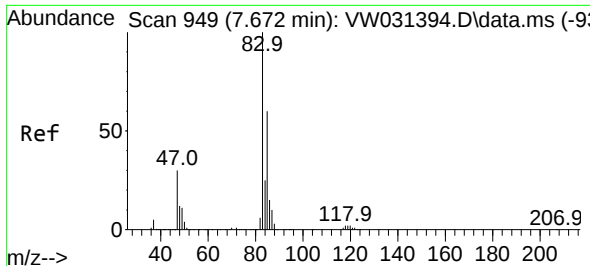
Tgt Ion: 43 Resp: 79152
Ion Ratio Lower Upper
43 100
72 24.5 13.3 39.8



#23
Bromochloromethane
Concen: 15.372 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 128 Resp: 79073
Ion Ratio Lower Upper
128 100
49 160.1 123.7 229.7
130 128.5 90.3 167.7
51 50.9 46.1 69.1

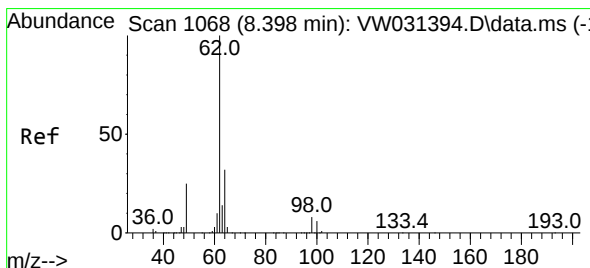
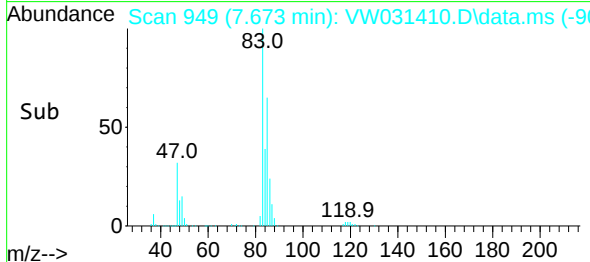
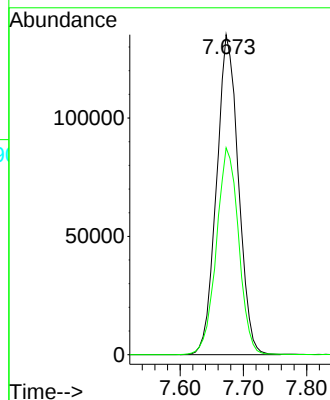
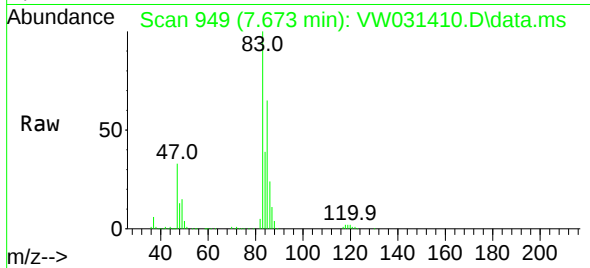




#25
Chloroform
Concen: 14.748 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

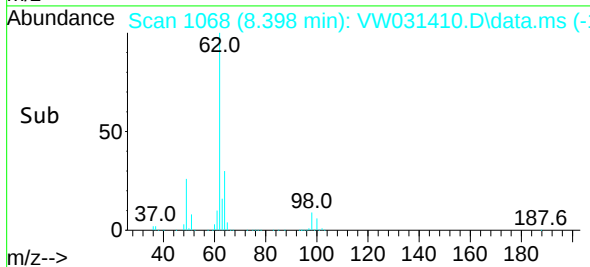
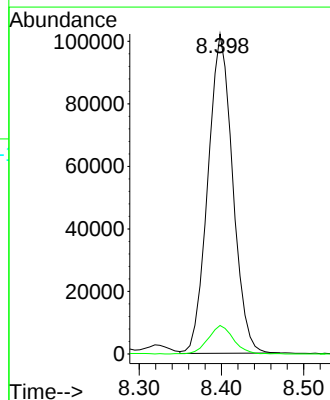
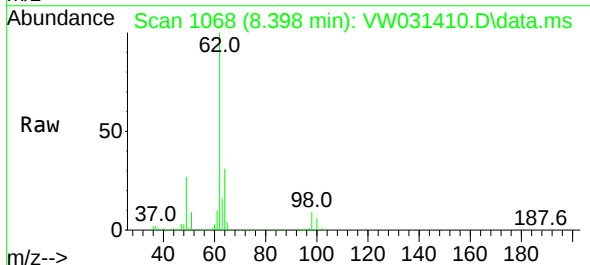
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

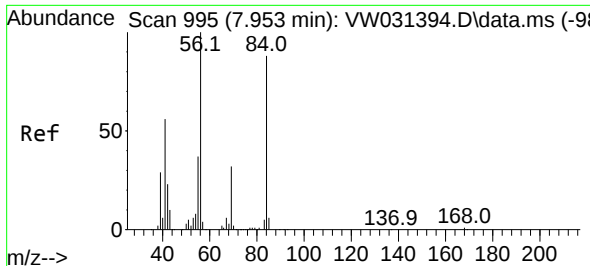
Tgt Ion: 83 Resp: 324227
Ion Ratio Lower Upper
83 100
85 64.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 15.457 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

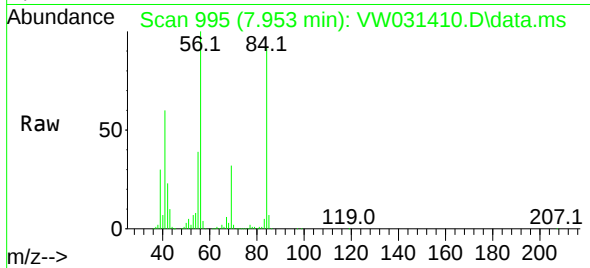
Tgt Ion: 62 Resp: 213644
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8



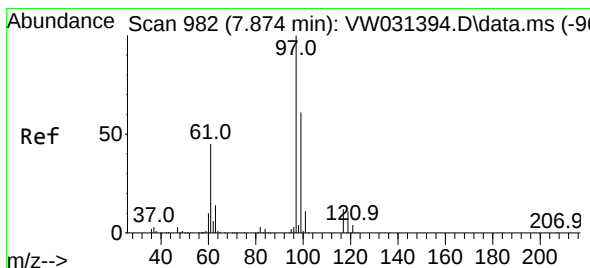
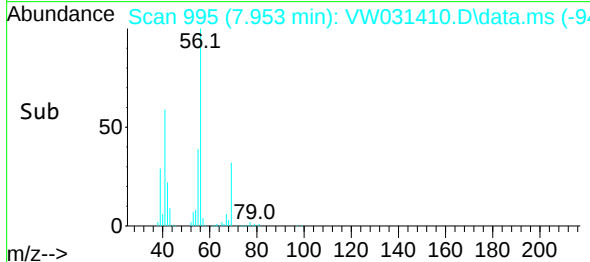
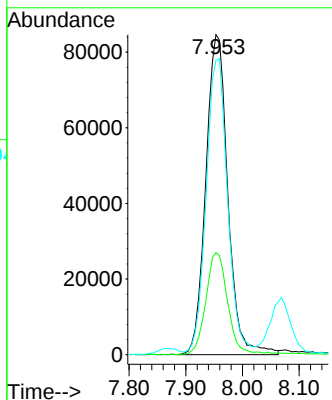


#29
Cyclohexane
Concen: 11.540 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

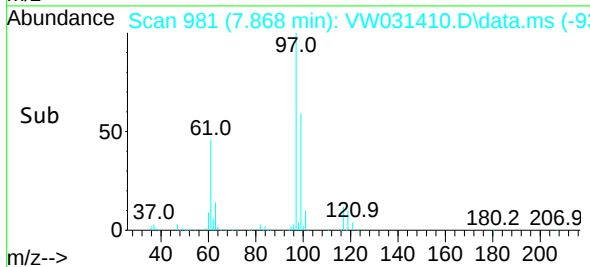
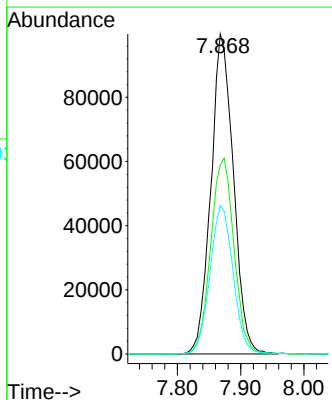
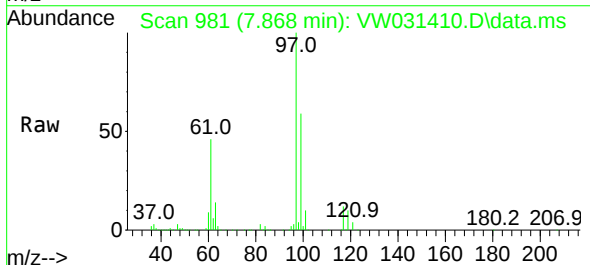


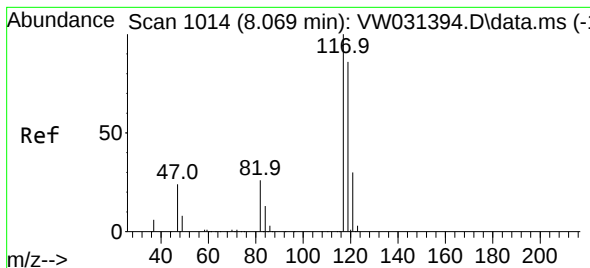
Tgt Ion: 56 Resp: 228666
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.4
84 89.7 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 13.070 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 97 Resp: 246840
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 47.7 36.3 54.5





#31

Carbon tetrachloride

Concen: 11.980 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

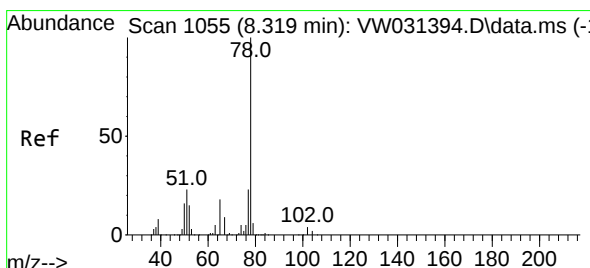
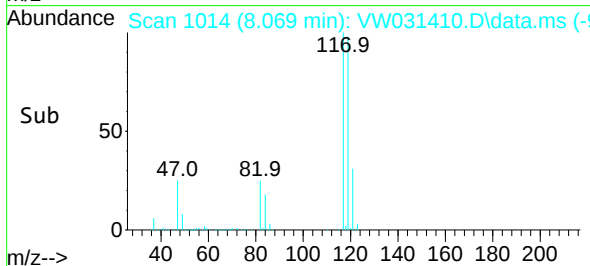
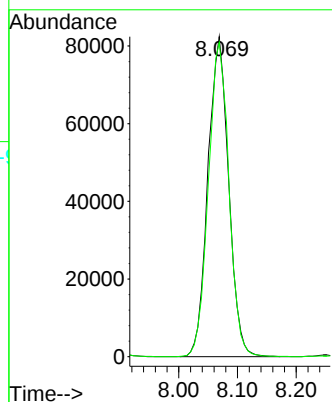
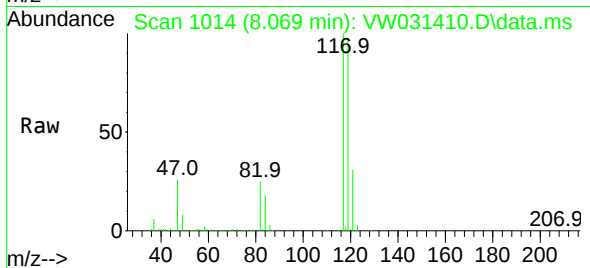
E2AR6MSD

Tgt Ion:117 Resp: 201570

Ion Ratio Lower Upper

117 100

119 97.7 76.0 114.0



#33

Benzene

Concen: 14.333 ug/L

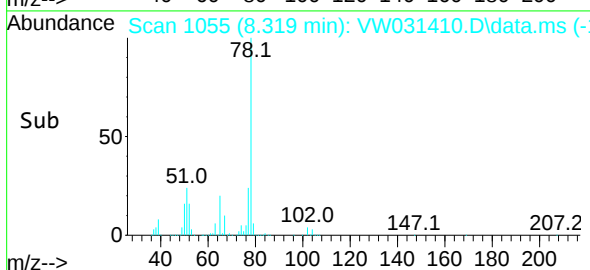
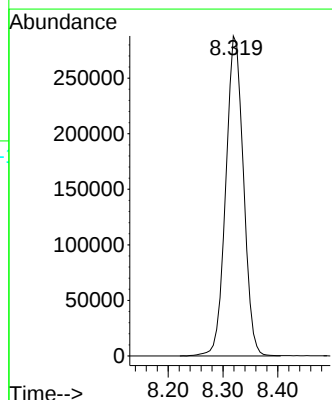
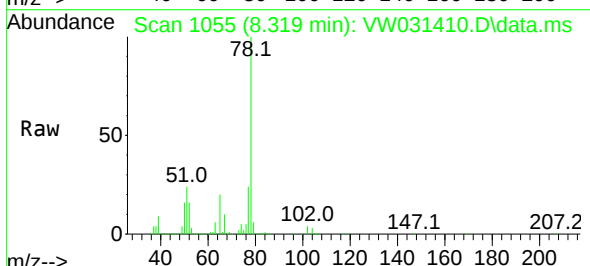
RT: 8.319 min Scan# 1055

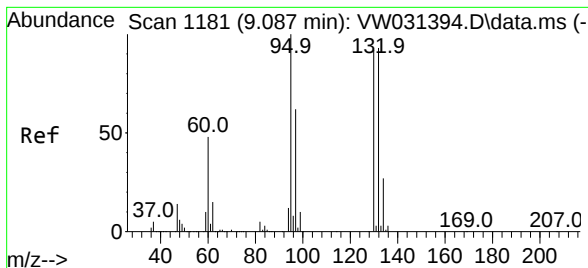
Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Tgt Ion: 78 Resp: 647208





#34

Trichloroethene

Concen: 13.123 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

E2AR6MSD

Tgt Ion: 95 Resp: 167294

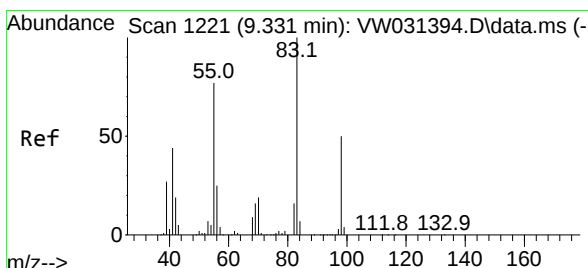
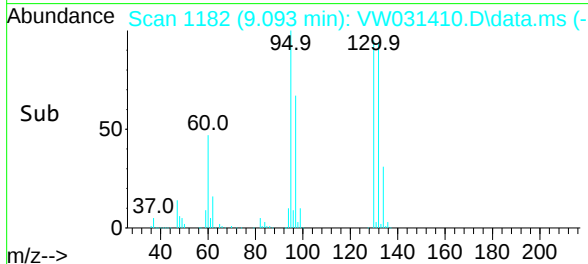
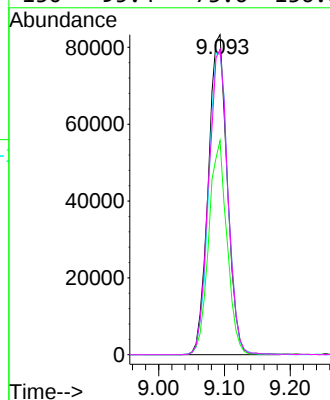
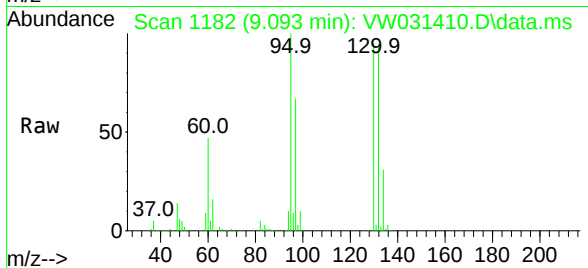
Ion Ratio Lower Upper

95 100

97 66.9 46.5 86.3

132 94.1 70.3 130.5

130 95.4 73.6 136.8



#35

Methylcyclohexane

Concen: 11.469 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

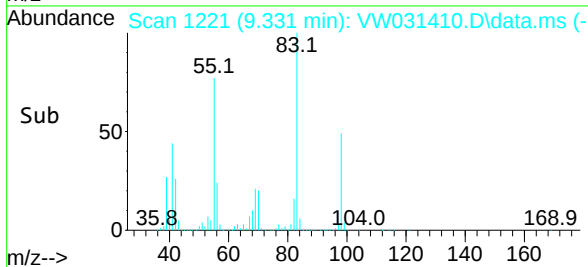
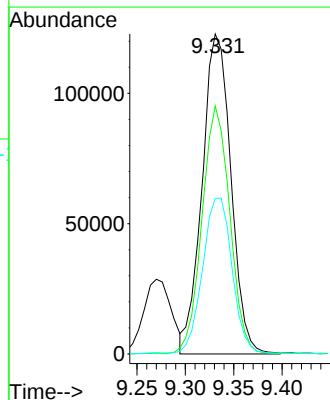
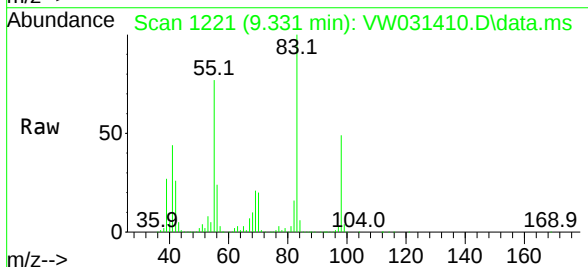
Tgt Ion: 83 Resp: 254619

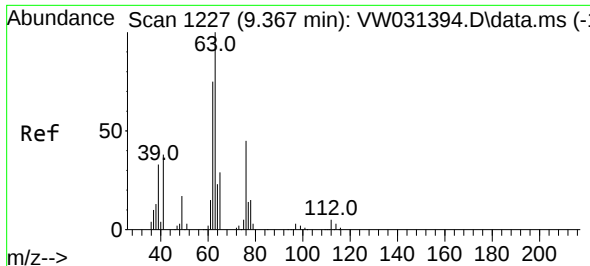
Ion Ratio Lower Upper

83 100

55 74.3 62.6 93.8

98 50.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 15.499 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

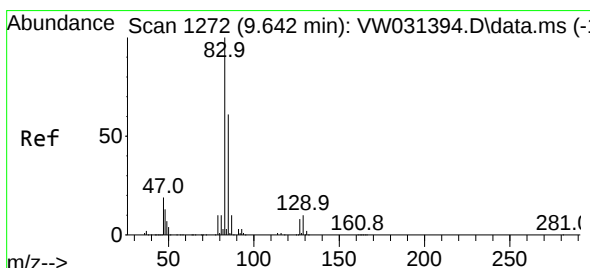
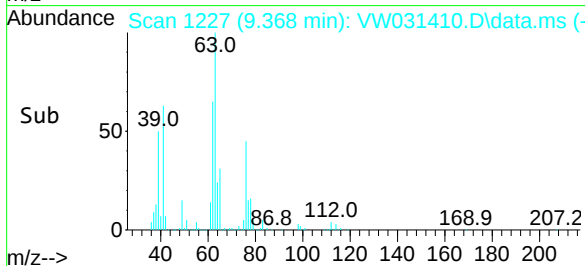
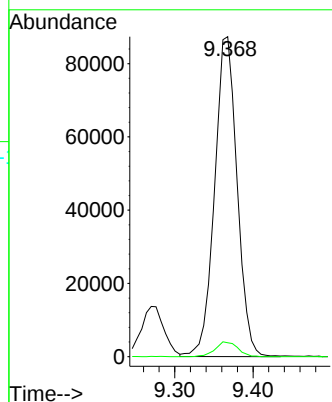
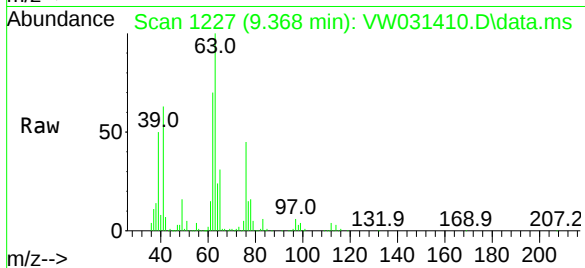
E2AR6MSD

Tgt Ion: 63 Resp: 174590

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 14.146 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

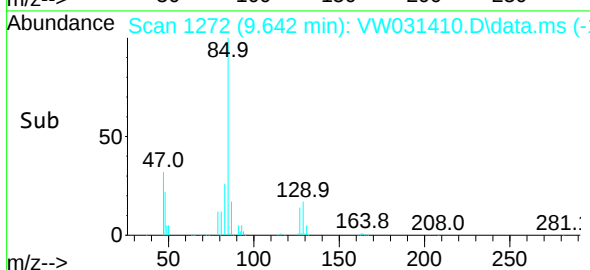
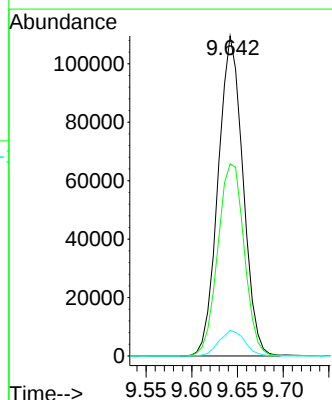
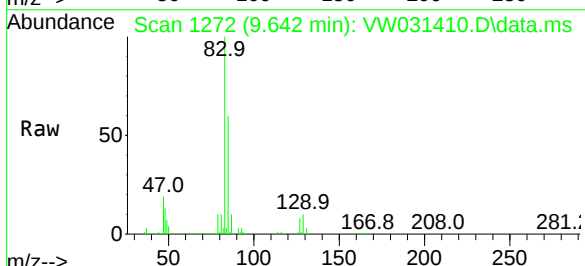
Tgt Ion: 83 Resp: 207156

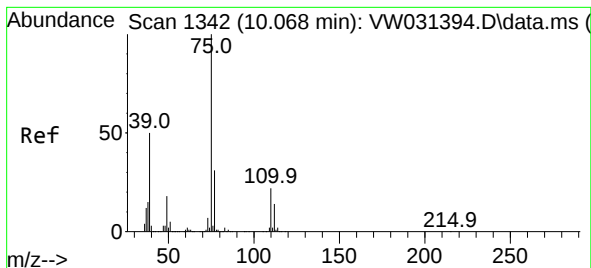
Ion Ratio Lower Upper

83 100

85 60.1 46.5 86.5

127 8.1 6.2 9.4

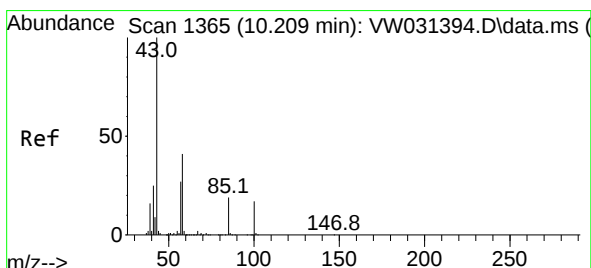
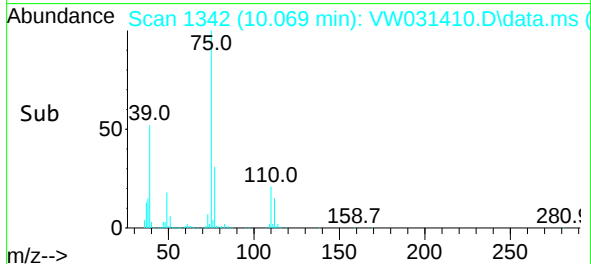
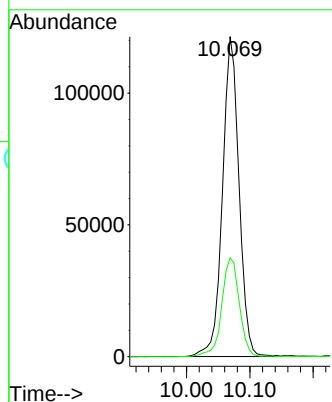
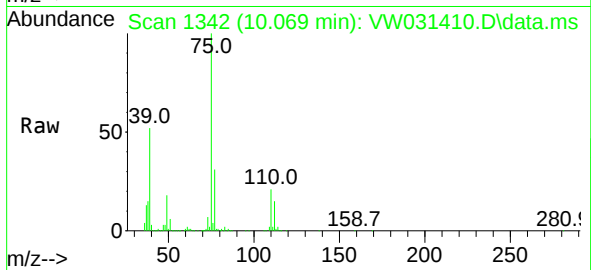




#39
 cis-1,3-Dichloropropene
 Concen: 11.528 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031410.D
 Acq: 20 Dec 2024 02:32

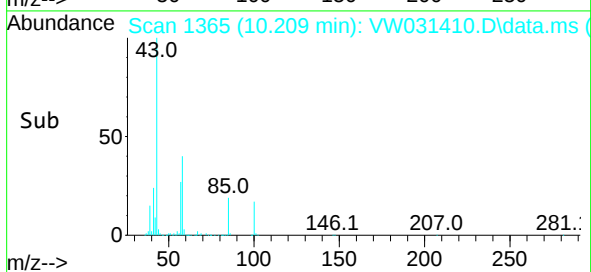
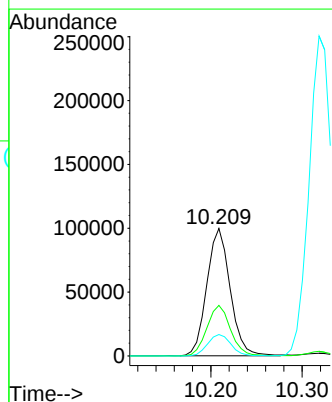
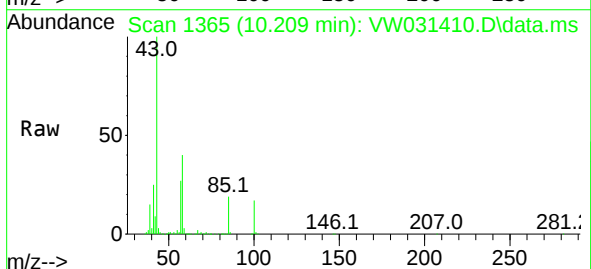
Instrument :
 MSVOA_W
 ClientSampleId :
 E2AR6MSD

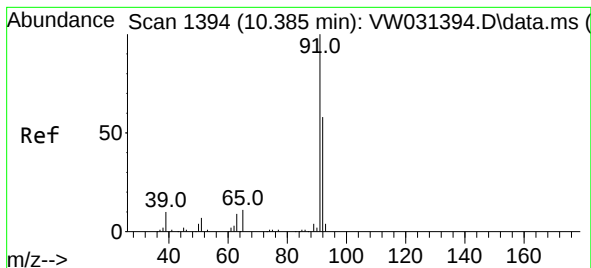
Tgt Ion: 75 Resp: 219444
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 29.571 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031410.D
 Acq: 20 Dec 2024 02:32

Tgt Ion: 43 Resp: 176725
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.1 46.7
 100 16.8 13.0 19.6





#42

Toluene

Concen: 13.841 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

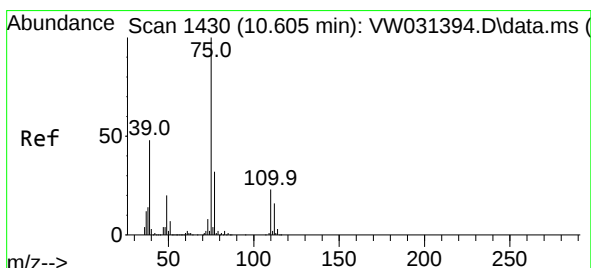
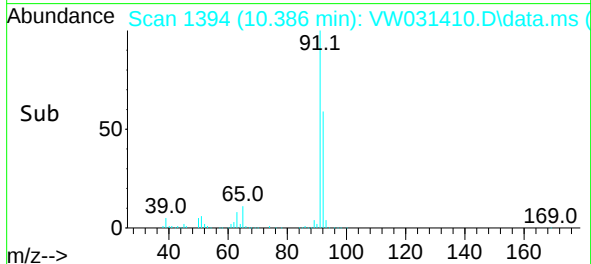
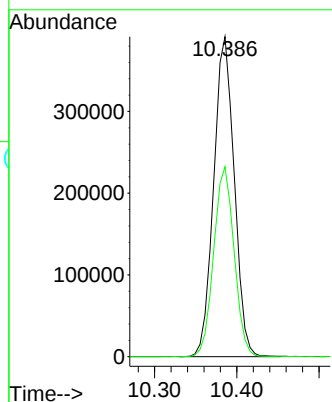
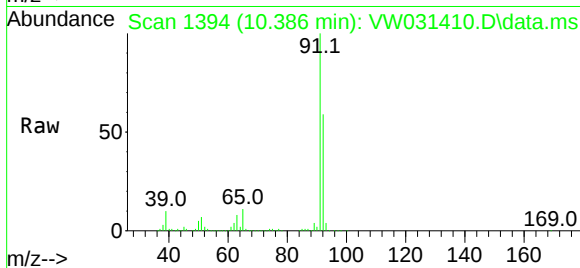
E2AR6MSD

Tgt Ion: 91 Resp: 680445

Ion Ratio Lower Upper

91 100

92 59.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 11.826 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031410.D

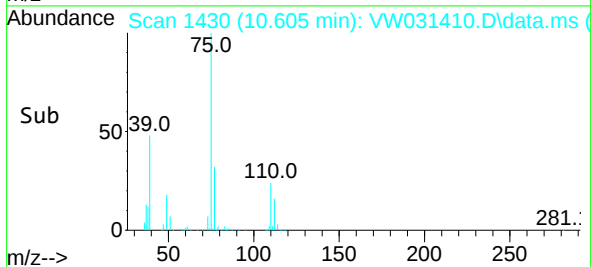
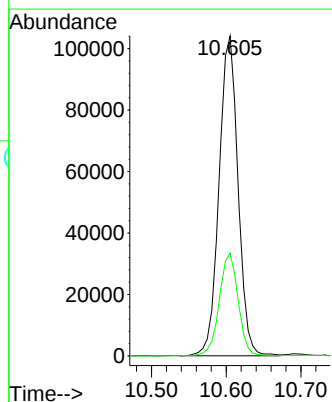
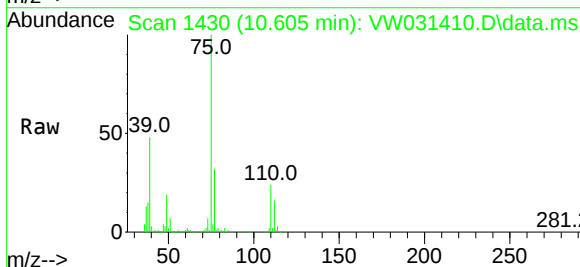
Acq: 20 Dec 2024 02:32

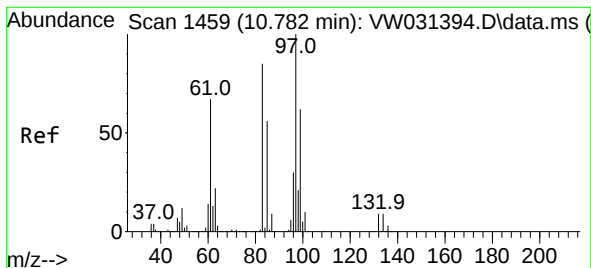
Tgt Ion: 75 Resp: 183806

Ion Ratio Lower Upper

75 100

77 32.1 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 17.083 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

E2AR6MSD

Tgt Ion: 97 Resp: 127992

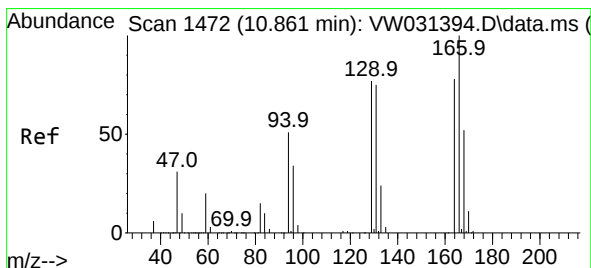
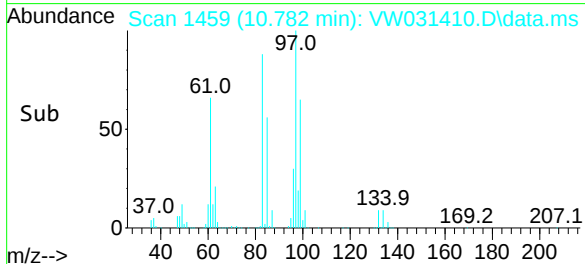
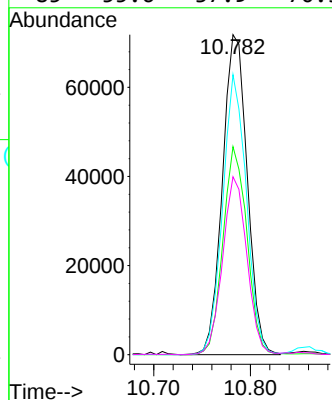
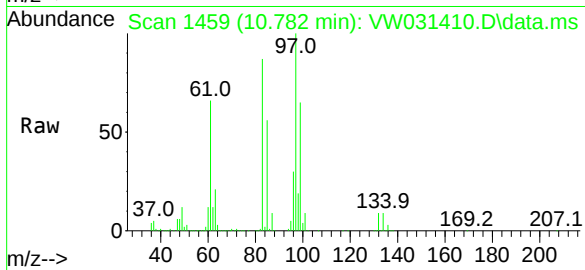
Ion Ratio Lower Upper

97 100

99 65.0 43.0 80.0

83 87.5 56.4 104.7

85 55.6 37.9 70.3



#46

Tetrachloroethene

Concen: 11.975 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Tgt Ion:164 Resp: 111823

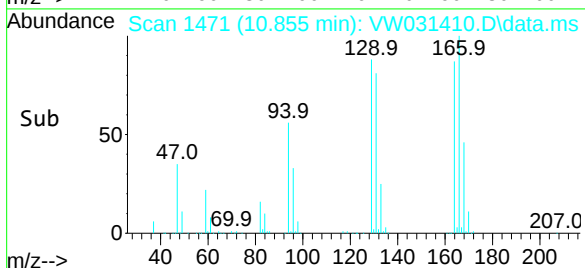
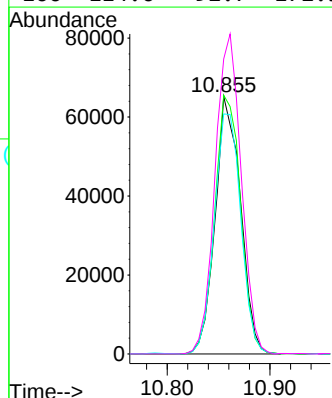
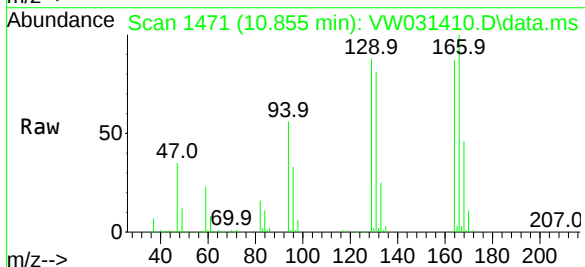
Ion Ratio Lower Upper

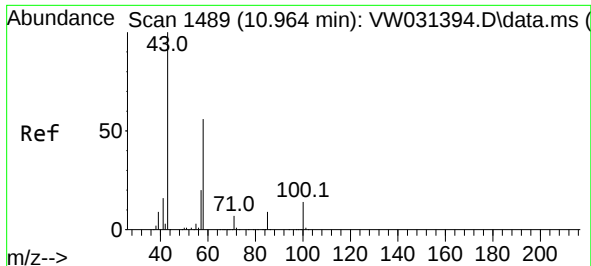
164 100

129 100.5 73.5 136.5

131 93.2 66.6 123.8

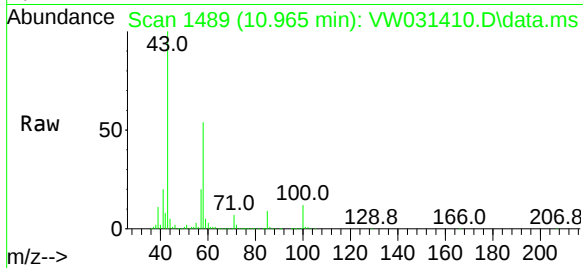
166 114.6 92.7 172.3



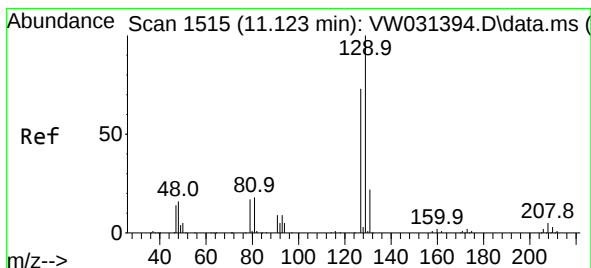
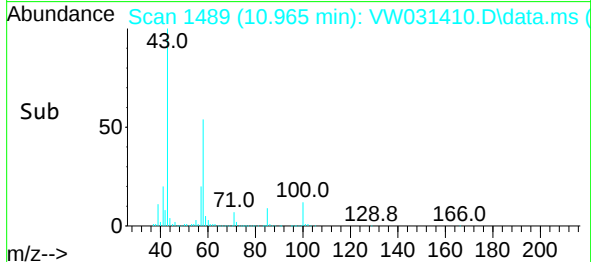
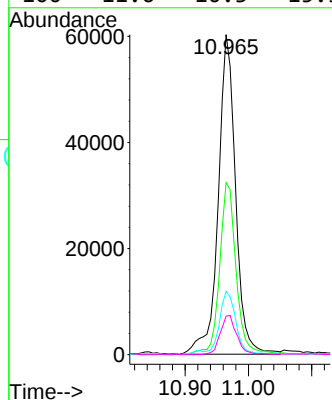


#48
2-Hexanone
Concen: 22.515 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

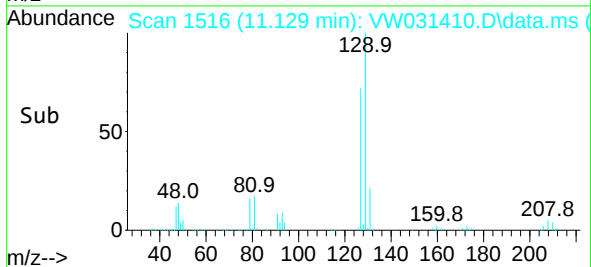
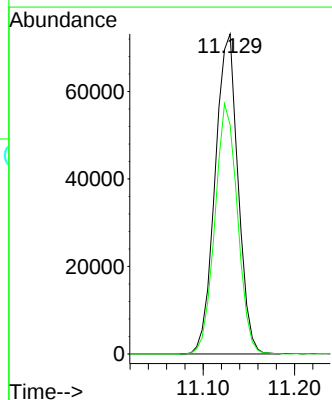
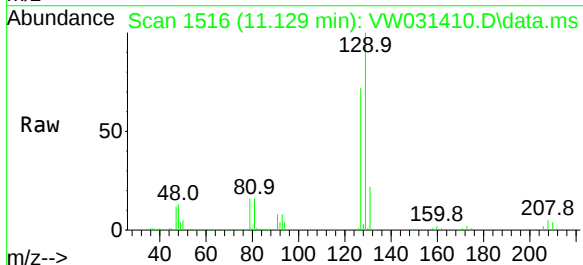


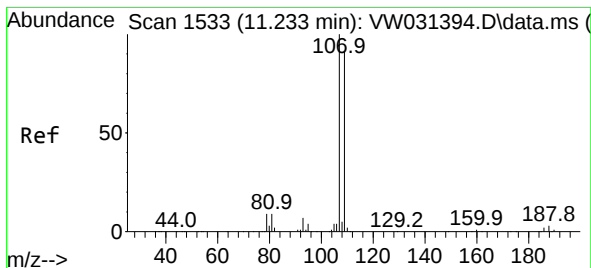
Tgt Ion: 43	Resp: 114439
Ion Ratio	Lower Upper
43 100	
58 51.3	43.0 64.6
57 18.4	15.7 23.5
100 11.6	10.3 15.5



#49
Dibromochloromethane
Concen: 14.369 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt	Ion:129	Resp:	127615
Ion	Ratio	Lower	Upper
129	100		
127	71.6	57.6	107.0

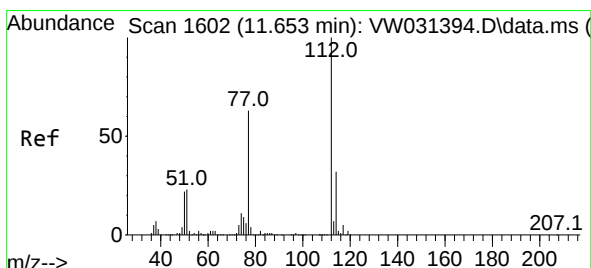
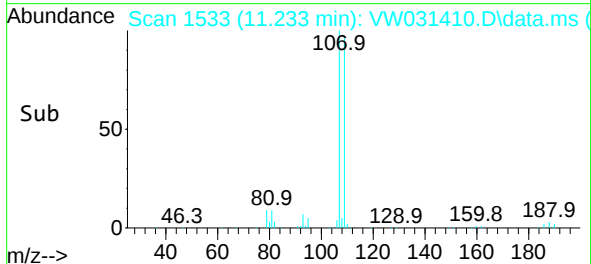
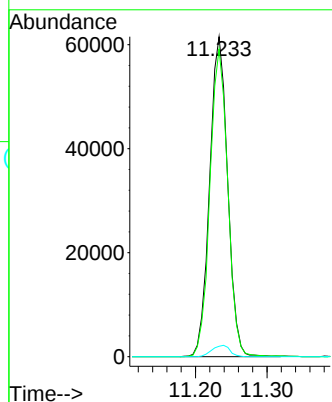
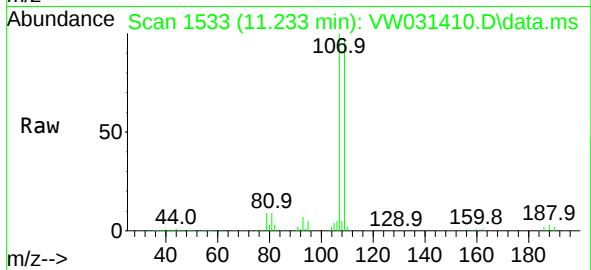




#50
1,2-Dibromoethane
Concen: 15.157 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

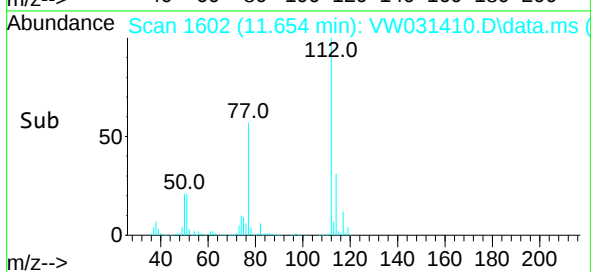
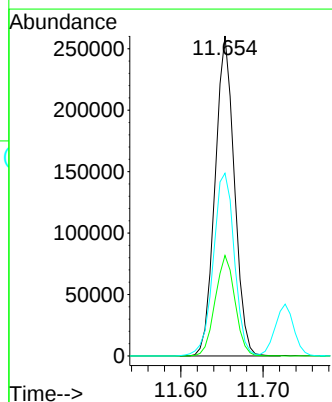
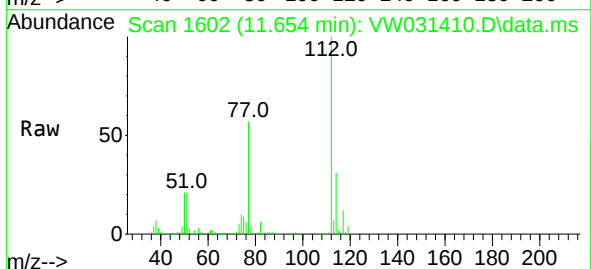
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

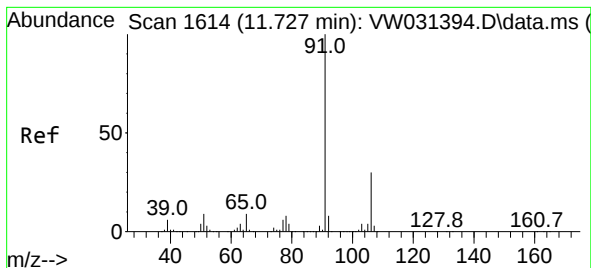
Tgt Ion:107 Resp: 107584
Ion Ratio Lower Upper
107 100
109 96.1 63.2 117.4
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 13.801 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion:112 Resp: 425404
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.3
77 57.1 50.2 75.4

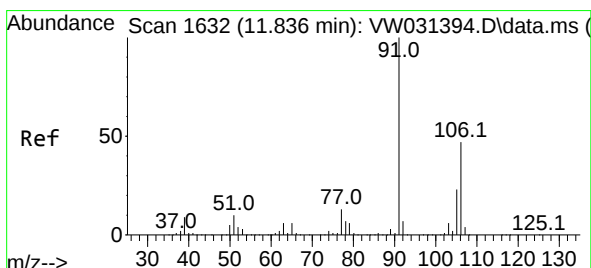
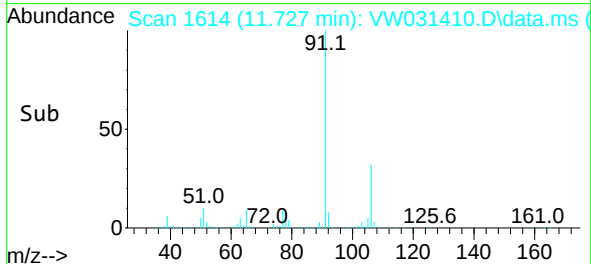
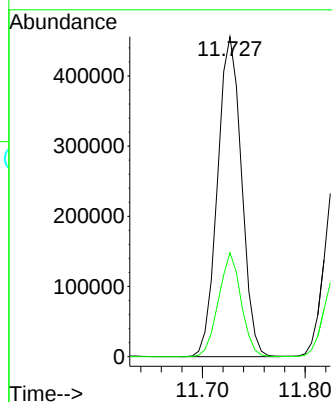
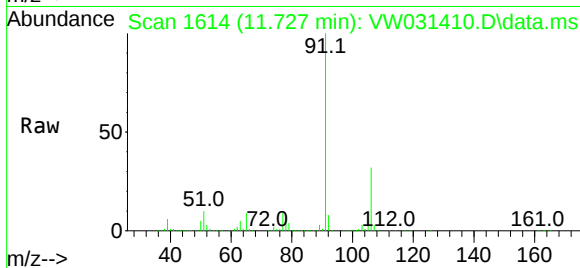




#52
Ethylbenzene
Concen: 12.969 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

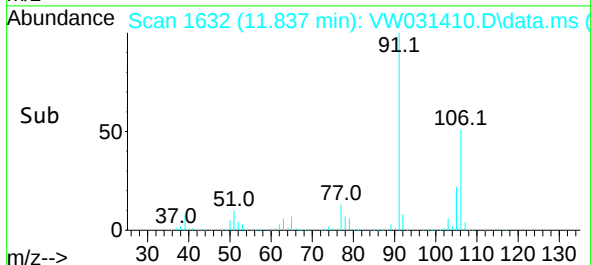
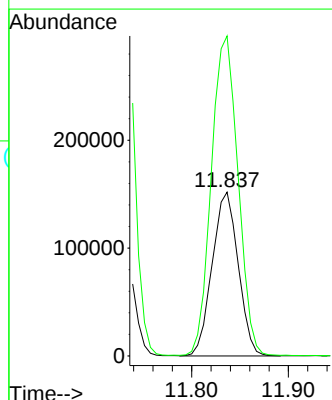
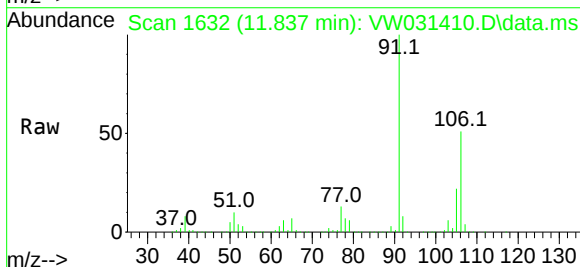
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

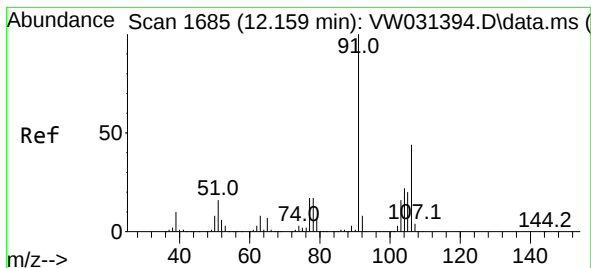
Tgt Ion: 91 Resp: 738939
Ion Ratio Lower Upper
91 100
106 32.5 20.7 38.5



#53
m,p-Xylene
Concen: 13.062 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion:106 Resp: 283330
Ion Ratio Lower Upper
106 100
91 195.4 139.9 259.7





#54

o-Xylene

Concen: 13.751 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

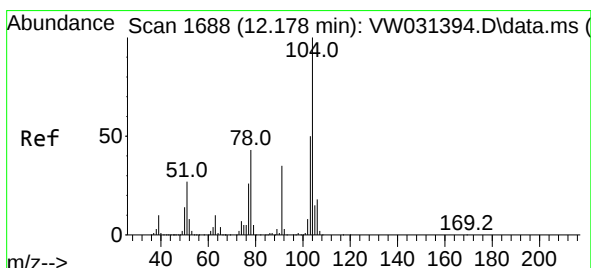
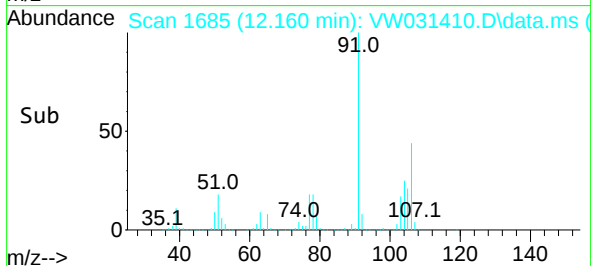
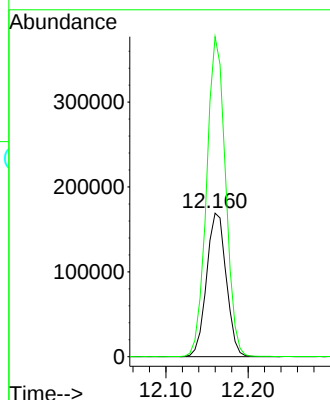
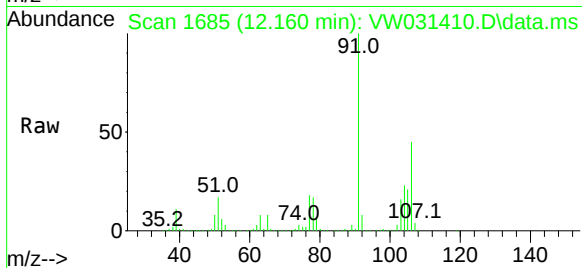
E2AR6MSD

Tgt Ion:106 Resp: 281109

Ion Ratio Lower Upper

106 100

91 223.0 153.1 284.3



#55

Styrene

Concen: 13.284 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031410.D

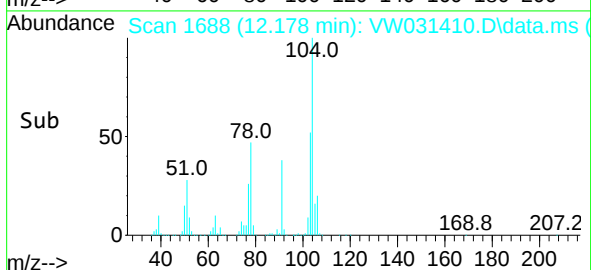
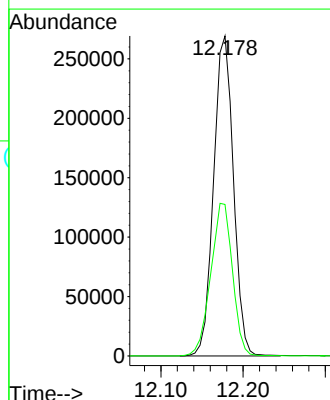
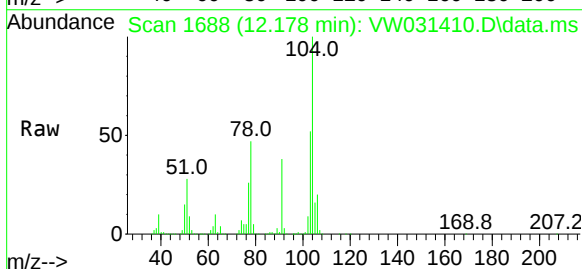
Acq: 20 Dec 2024 02:32

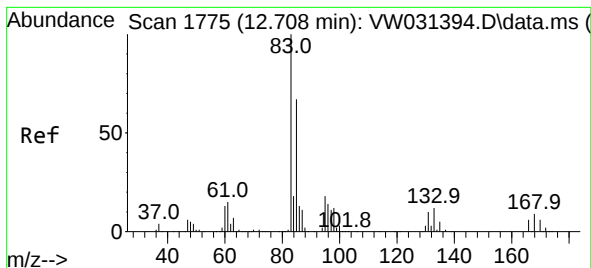
Tgt Ion:104 Resp: 451693

Ion Ratio Lower Upper

104 100

78 47.3 31.4 58.4

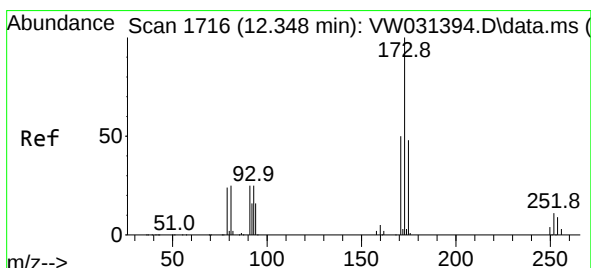
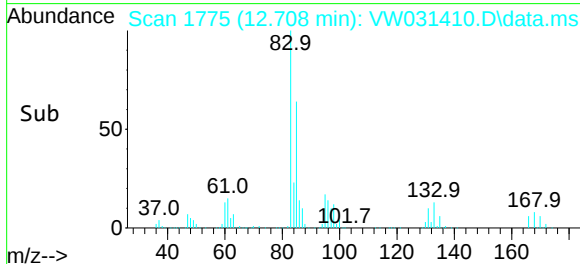
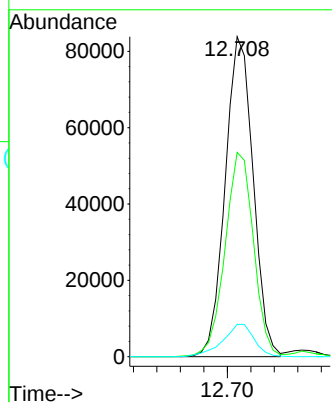
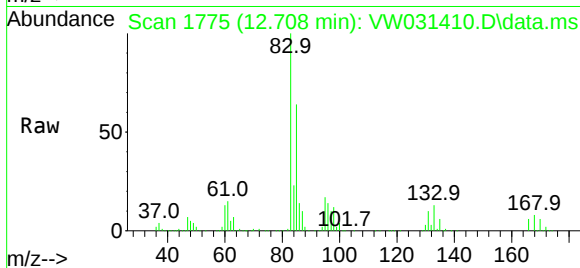




#57
1,1,2,2-Tetrachloroethane
Concen: 17.172 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

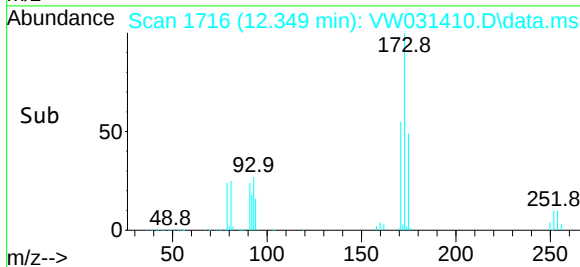
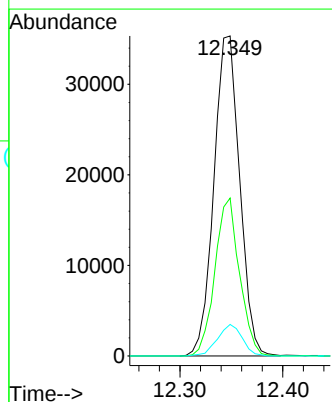
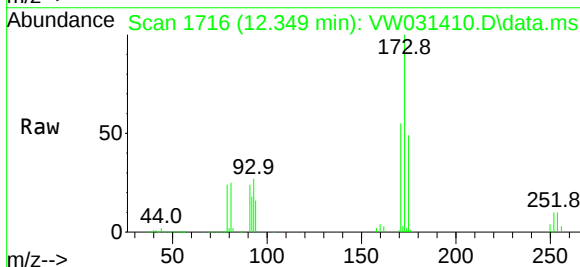
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

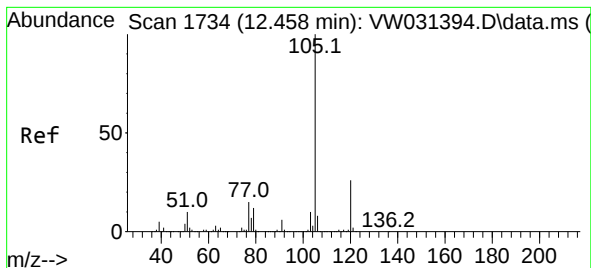
Tgt Ion: 83 Resp: 138696
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
131 10.1 7.9 11.9



#59
Bromoform
Concen: 13.798 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 173 Resp: 61612
Ion Ratio Lower Upper
173 100
175 46.9 38.6 57.8
254 9.5 7.6 11.4





#60

Isopropylbenzene

Concen: 13.828 ug/L

RT: 12.458 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

E2AR6MSD

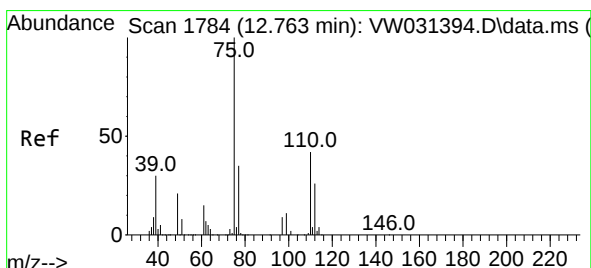
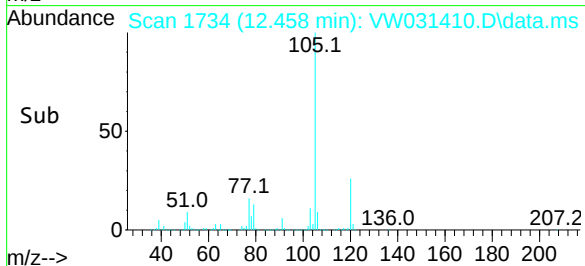
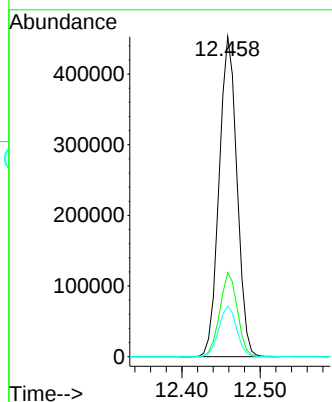
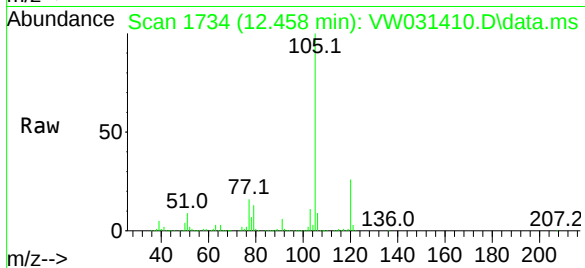
Tgt Ion:105 Resp: 719276

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 15.7 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 18.685 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

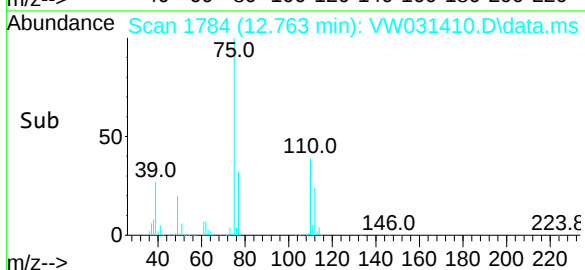
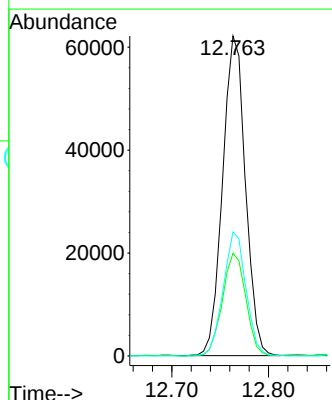
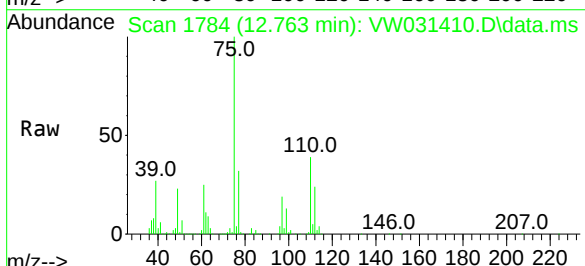
Tgt Ion: 75 Resp: 101627

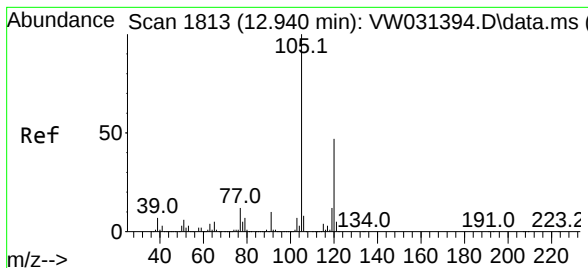
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

110 38.8 31.2 46.8

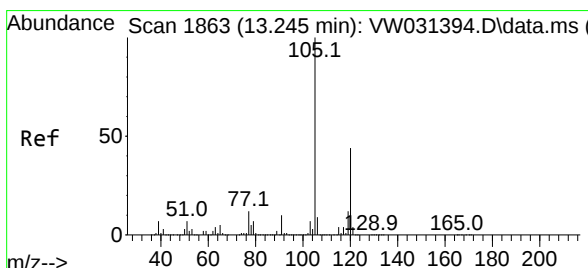
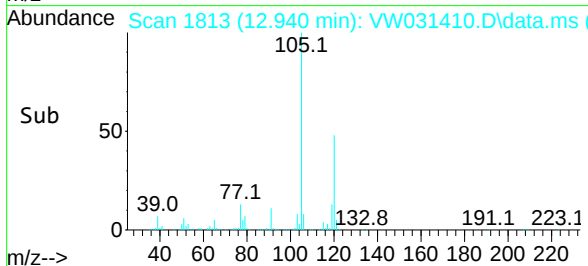
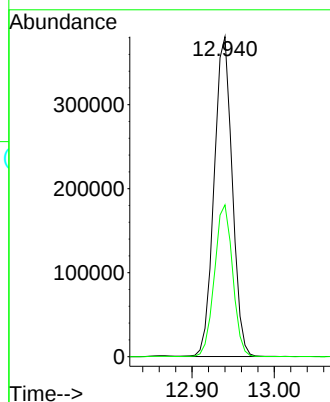
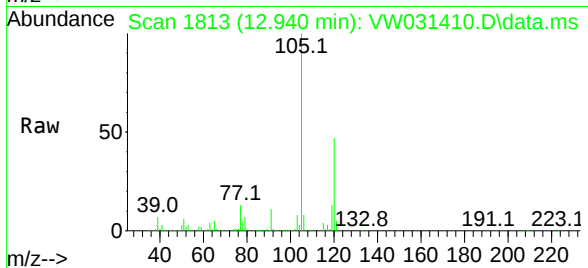




#62
1,3,5-Trimethylbenzene
Concen: 13.221 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

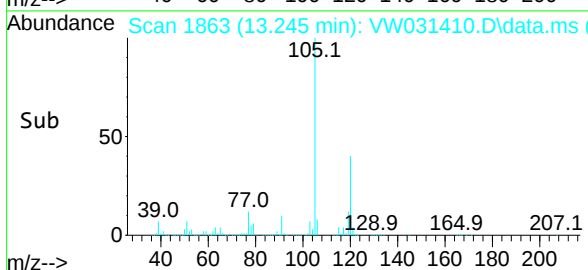
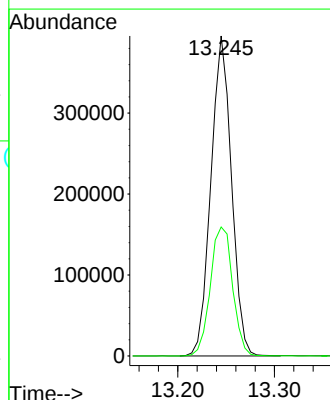
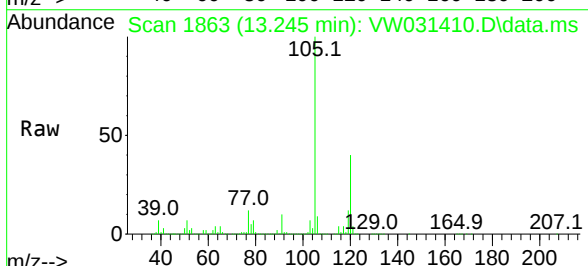
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

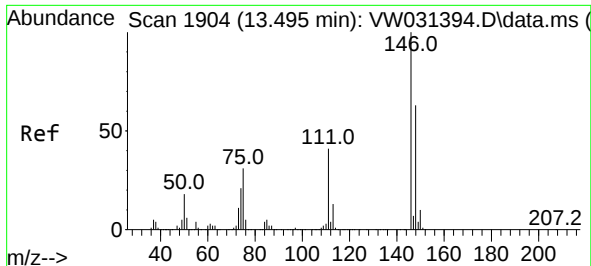
Tgt Ion:105 Resp: 583037
Ion Ratio Lower Upper
105 100
120 47.6 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 13.700 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion:105 Resp: 583931
Ion Ratio Lower Upper
105 100
120 43.6 35.0 52.4

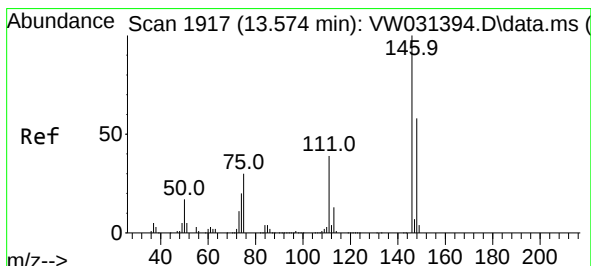
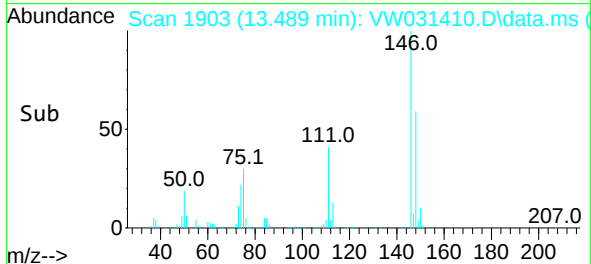
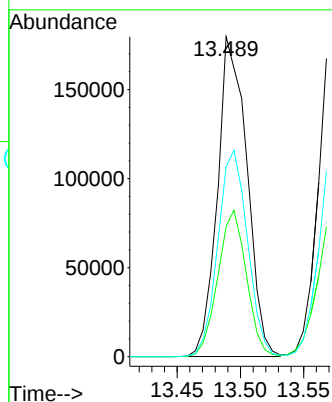
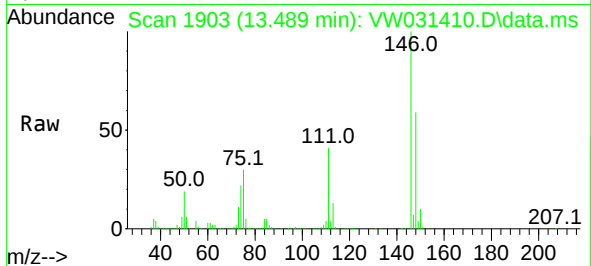




#64
1,3-Dichlorobenzene
Concen: 13.773 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

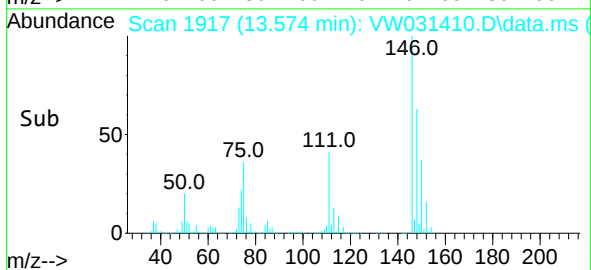
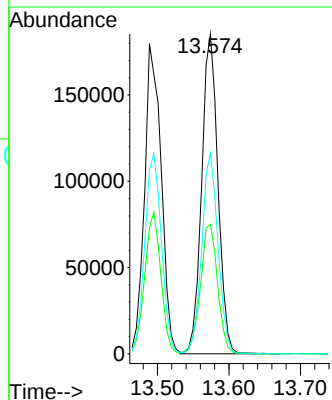
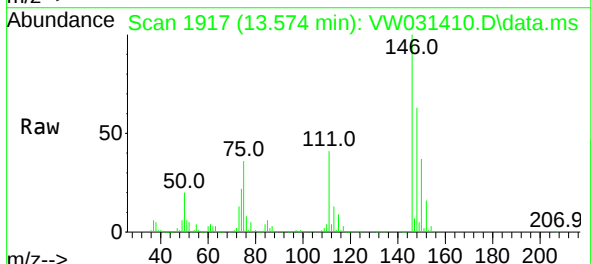
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

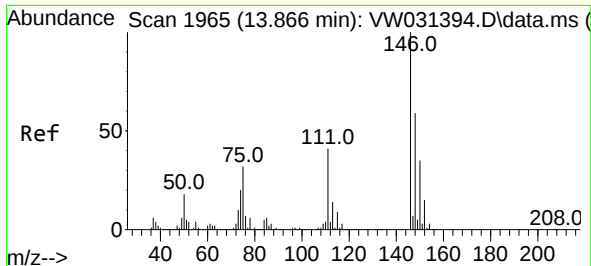
Tgt Ion:146 Resp: 290243
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.2
148 59.4 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 13.998 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion:146 Resp: 292292
Ion Ratio Lower Upper
146 100
111 40.5 30.7 56.9
148 62.8 46.5 86.3

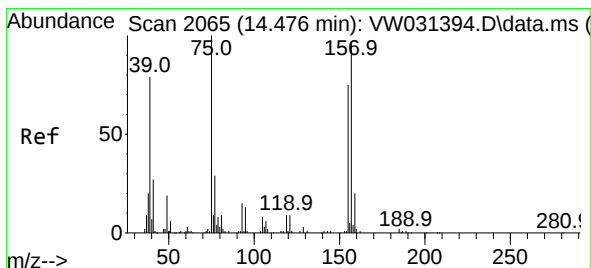
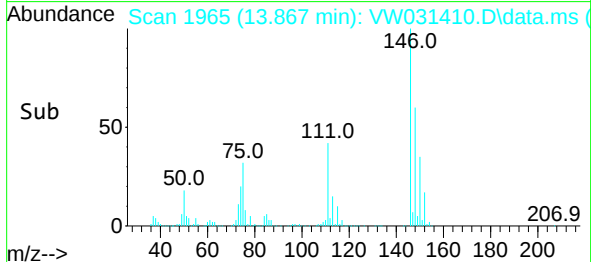
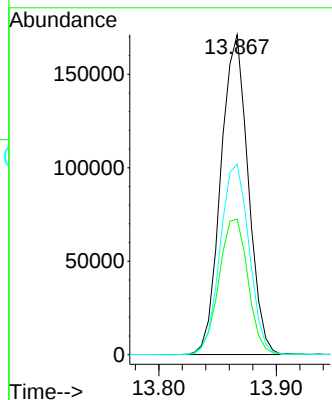
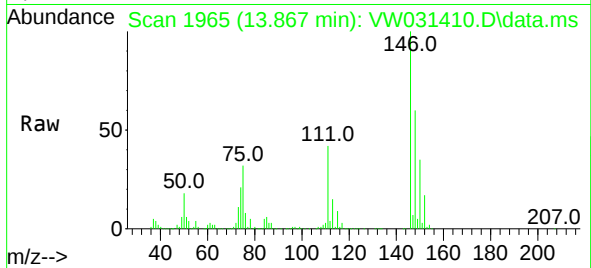




#67
1,2-Dichlorobenzene
Concen: 15.246 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

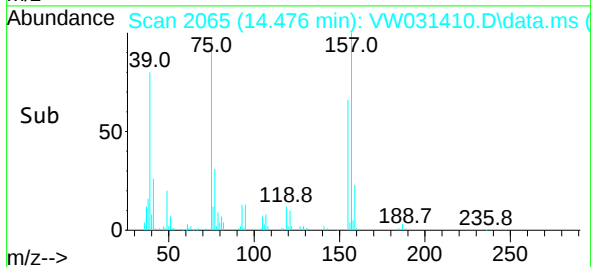
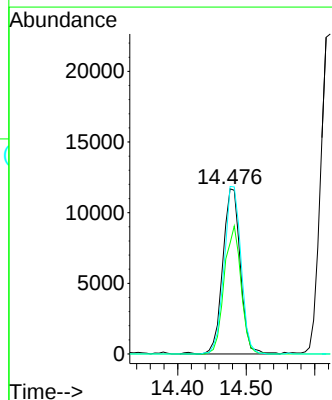
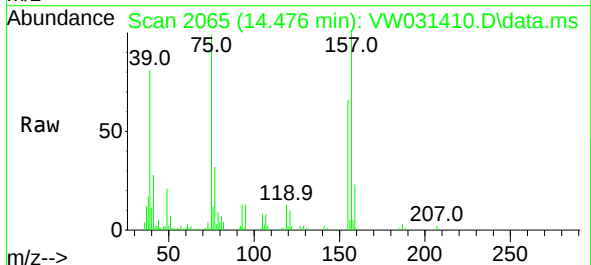
Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

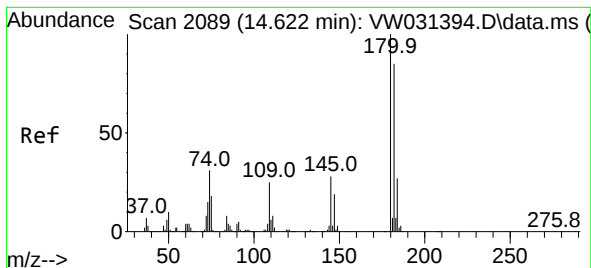
Tgt Ion:146 Resp: 276842
Ion Ratio Lower Upper
146 100
111 42.4 38.6 58.0
148 59.6 53.6 80.4



#68
1,2-Dibromo-3-chloropropane
Concen: 15.026 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion: 75 Resp: 20740
Ion Ratio Lower Upper
75 100
155 67.2 56.6 85.0
157 101.5 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 13.081 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

Instrument :

MSVOA_W

ClientSampleId :

E2AR6MSD

Tgt Ion:180 Resp: 193065

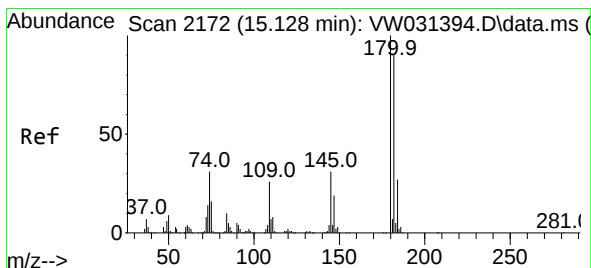
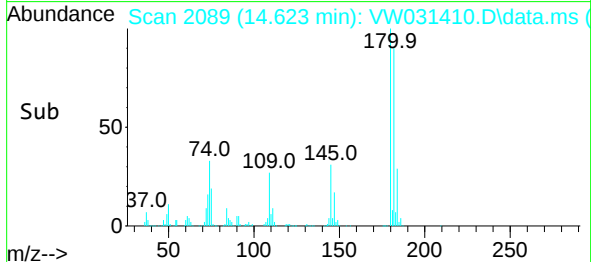
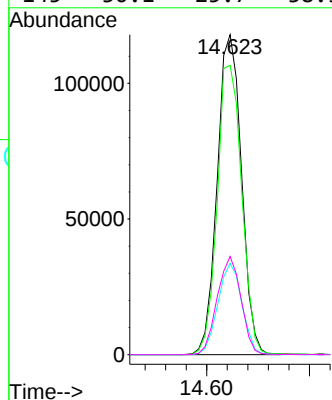
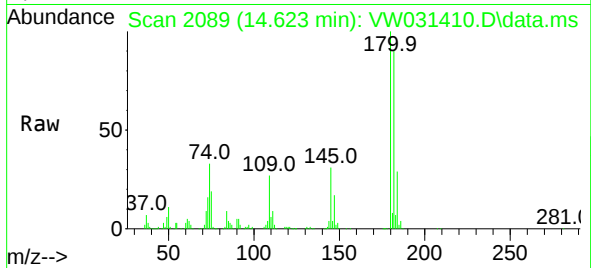
Ion Ratio Lower Upper

180 100

182 91.5 75.0 112.4

184 28.3 24.6 36.8

145 30.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 12.716 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031410.D

Acq: 20 Dec 2024 02:32

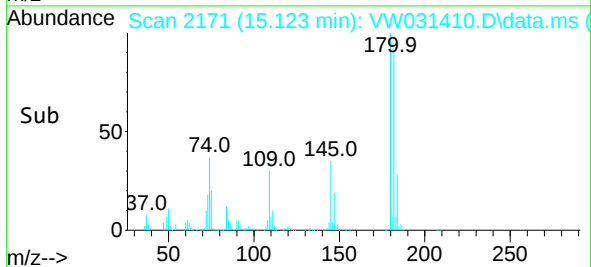
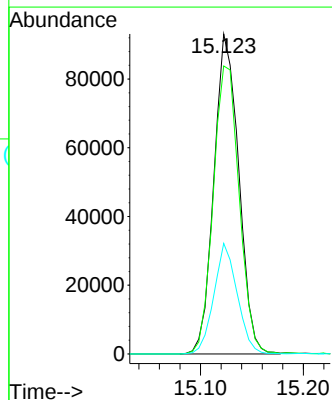
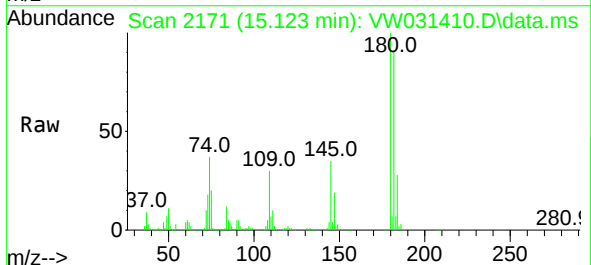
Tgt Ion:180 Resp: 156119

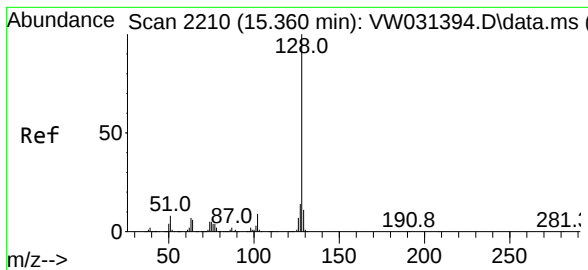
Ion Ratio Lower Upper

180 100

182 93.9 78.2 117.2

145 32.5 26.7 40.1

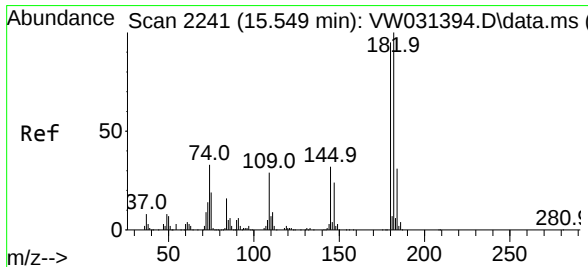
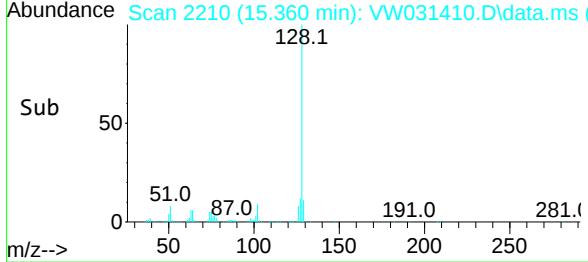
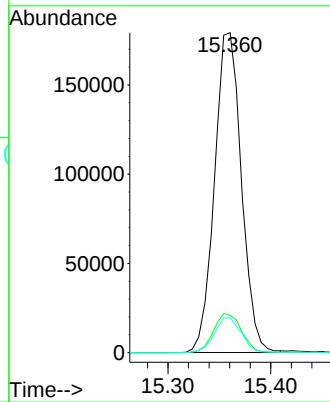
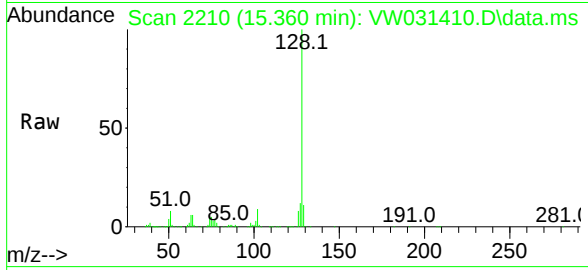




#71
Naphthalene
Concen: 15.105 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Instrument :
MSVOA_W
ClientSampleId :
E2AR6MSD

Tgt Ion:128 Resp: 325144
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 13.425 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031410.D
Acq: 20 Dec 2024 02:32

Tgt Ion:180 Resp: 132801
Ion Ratio Lower Upper
180 100
182 98.4 75.0 112.4
145 34.0 27.8 41.6

