

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031301.D
 Acq On : 17 Dec 2024 04:13
 Operator : SY/MD
 Sample : P5258-05MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

Quant Time: Dec 17 06:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	667012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	579242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	278349	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	240422	23.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
7) Chloroethane-d5	2.893	69	193188	26.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.080%
11) 1,1-Dichloroethene-d2	4.009	65	118038	24.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.200%
21) 2-Butanone-d5	7.093	46	130976	69.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.600%#
24) Chloroform-d	7.642	84	527921	28.887	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.560%
26) 1,2-Dichloroethane-d4	8.301	65	290780	31.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.720%
32) Benzene-d6	8.270	84	1048825	28.250	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	9.270	67	314401	29.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.240%
41) Toluene-d8	10.318	98	948539	27.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.840%
43) trans-1,3-Dichloroprop...	10.575	79	133422	26.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.960%
47) 2-Hexanone-d5	10.922	63	103186	70.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.820%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236300	34.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.120%#
66) 1,2-Dichlorobenzene-d4	13.848	152	308641	29.868	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	136112	22.579	ug/L	98
3) Chloromethane	2.222	50	212640	31.399	ug/L	98
5) Vinyl chloride	2.369	62	210426	22.421	ug/L	99
6) Bromomethane	2.783	94	154001	26.690	ug/L	95
8) Chloroethane	2.930	64	140389	25.153	ug/L	99
9) Trichlorofluoromethane	3.253	101	269654	26.970	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.057	101	188278	23.320	ug/L #	70
12) 1,1-Dichloroethene	4.033	96	197333	24.133	ug/L	94
13) Acetone	4.167	43	76062	28.897	ug/L #	100
14) Carbon disulfide	4.381	76	601217	22.545	ug/L	99
15) Methyl Acetate	4.685	43	97110	32.483	ug/L	99
16) Methylene chloride	4.917	84	219942	26.207	ug/L	96
17) trans-1,2-Dichloroethene	5.417	96	228351	25.907	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	444879	30.191	ug/L	99
19) 1,1-Dichloroethane	6.209	63	439078	26.658	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	259319	27.193	ug/L	98
22) 2-Butanone	7.185	43	121834	38.201	ug/L	95
23) Bromochloromethane	7.508	128	111646	29.355	ug/L	94
25) Chloroform	7.673	83	452585	27.842	ug/L	99

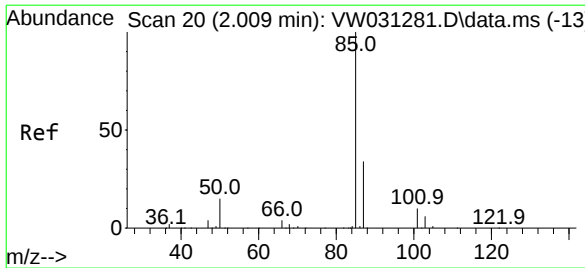
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 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	306654	30.006	ug/L	99
29) Cyclohexane	7.953	56	340910	21.702	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	357343	23.868	ug/L	100
31) Carbon tetrachloride	8.069	117	311941	23.387	ug/L	100
33) Benzene	8.319	78	941635	26.306	ug/L	100
34) Trichloroethene	9.087	95	259493	25.677	ug/L	97
35) Methylcyclohexane	9.331	83	385385	21.898	ug/L	99
37) 1,2-Dichloropropane	9.361	63	245448	27.486	ug/L	99
38) Bromodichloromethane	9.642	83	316501	27.263	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	382174	25.327	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	295181	62.305	ug/L	99
42) Toluene	10.386	91	1030630	26.445	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	320859	26.041	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	179963	30.298	ug/L	96
46) Tetrachloroethene	10.861	164	180853	24.431	ug/L	85
48) 2-Hexanone	10.965	43	197054	48.905	ug/L	100
49) Dibromochloromethane	11.123	129	196411	27.897	ug/L	93
50) 1,2-Dibromoethane	11.233	107	177365	31.522	ug/L	98
51) Chlorobenzene	11.654	112	644110	26.360	ug/L	96
52) Ethylbenzene	11.727	91	1171292	25.932	ug/L	99
53) m,p-Xylene	11.836	106	444235	25.835	ug/L	99
54) o-Xylene	12.160	106	425997	26.287	ug/L	99
55) Styrene	12.178	104	715208	26.532	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	205382	32.076	ug/L	98
59) Bromoform	12.342	173	112635	28.804	ug/L	99
60) Isopropylbenzene	12.458	105	1145114	25.139	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	154239	32.383	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	962506	24.923	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	956874	25.636	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	492234	26.672	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	496494	27.152	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	431398	27.130	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	36070	29.842	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	299954	23.207	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	270610	25.169	ug/L	97
71) Naphthalene	15.360	128	614485	32.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	240476	27.760	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 22.579 ug/L

RT: 2.009 min Scan# 20

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

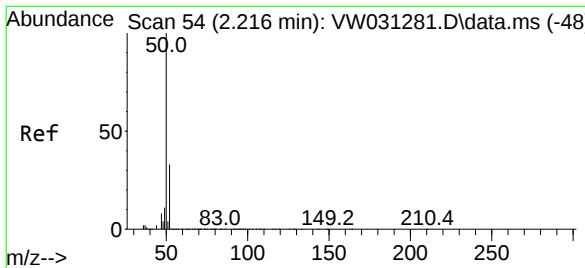
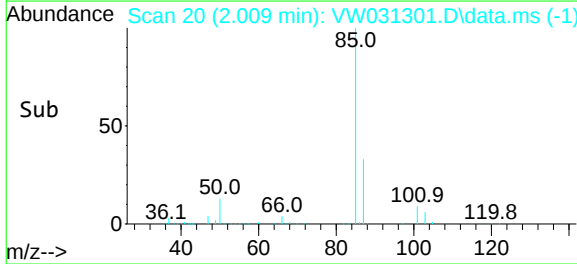
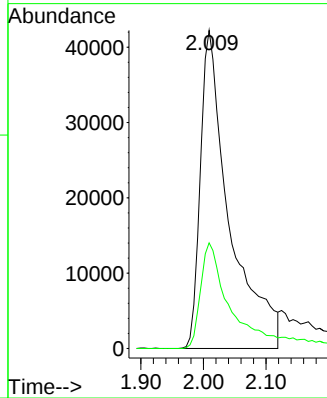
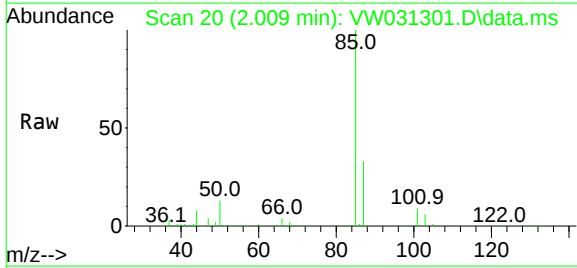
E28X0MS

Tgt Ion: 85 Resp: 136112

Ion Ratio Lower Upper

85 100

87 32.1 24.9 37.3



#3

Chloromethane

Concen: 31.399 ug/L

RT: 2.222 min Scan# 55

Delta R.T. 0.006 min

Lab File: VW031301.D

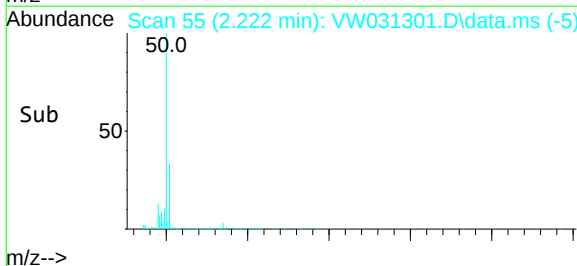
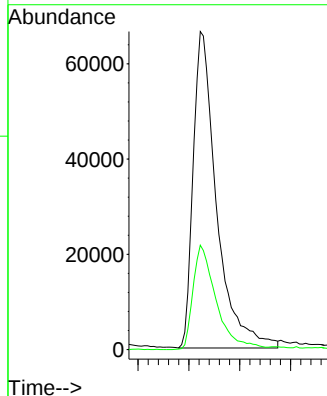
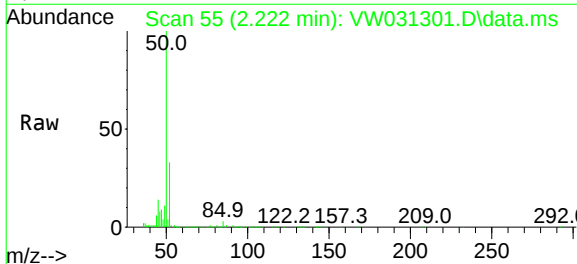
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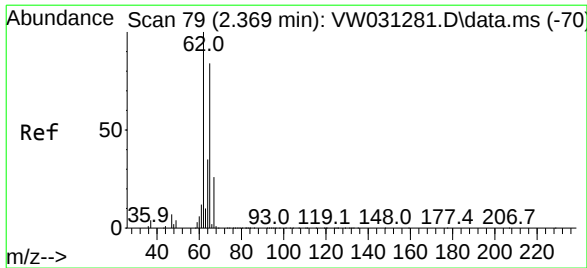
Tgt Ion: 50 Resp: 212640

Ion Ratio Lower Upper

50 100

52 32.8 22.0 41.0

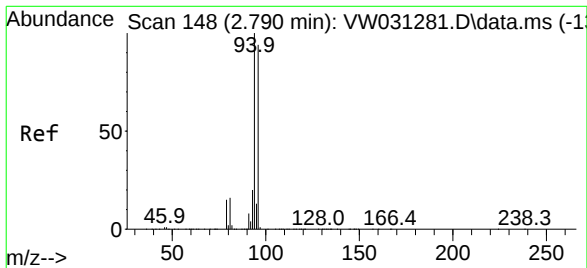
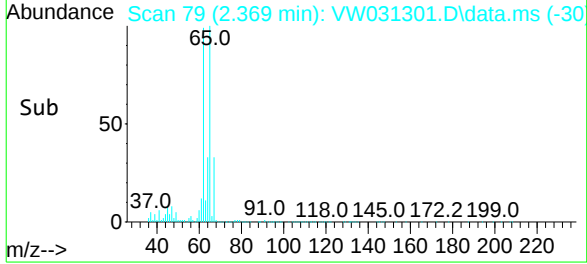
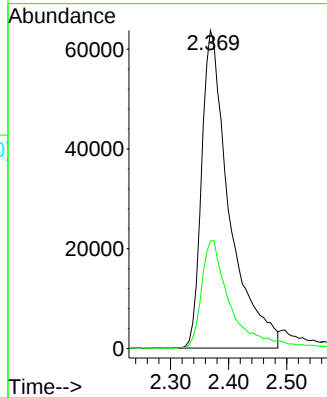
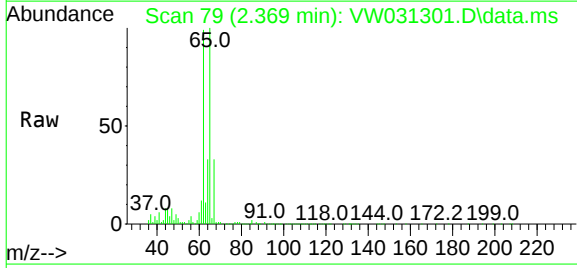




#5
 Vinyl chloride
 Concen: 22.421 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031301.D
 Acq: 17 Dec 2024 04:13

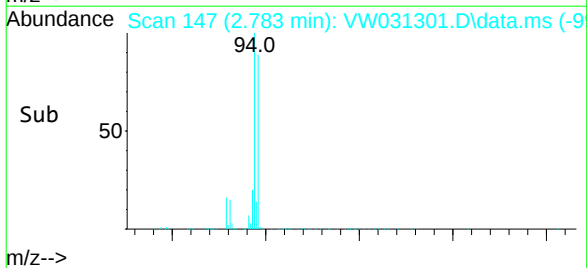
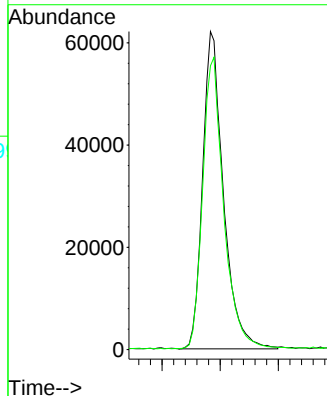
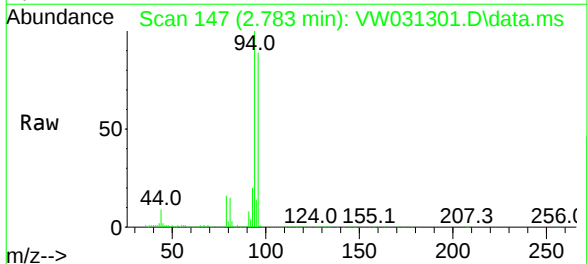
Instrument :
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 ClientSampleId :
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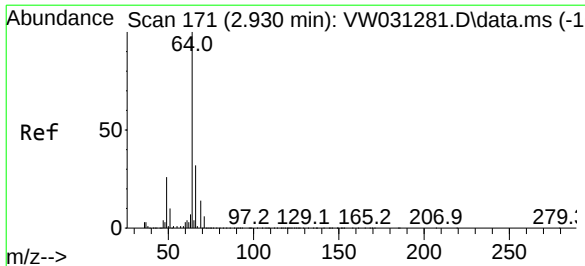
Tgt Ion: 62 Resp: 210426
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.1 44.8



#6
 Bromomethane
 Concen: 26.690 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031301.D
 Acq: 17 Dec 2024 04:13

Tgt Ion: 94 Resp: 154001
 Ion Ratio Lower Upper
 94 100
 96 89.2 65.6 121.8

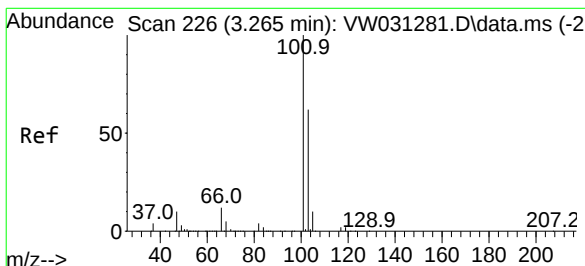
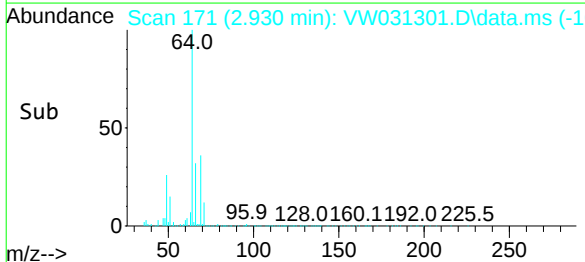
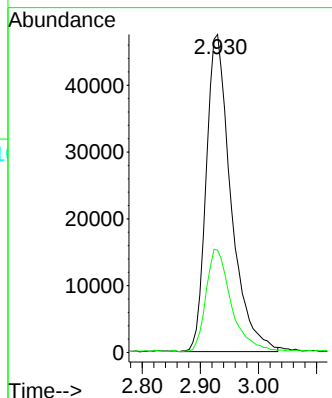
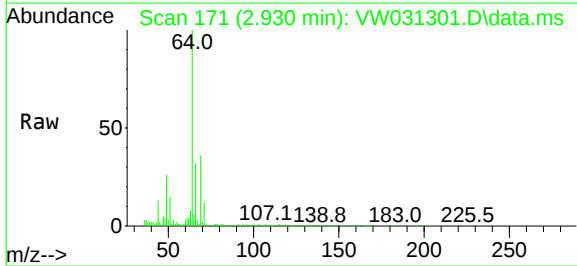




#8
Chloroethane
Concen: 25.153 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

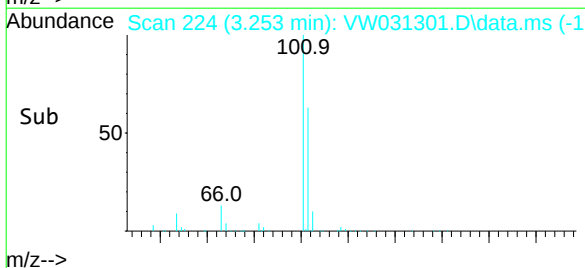
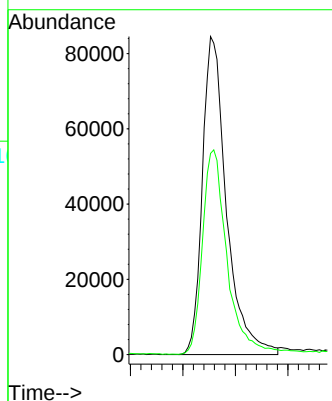
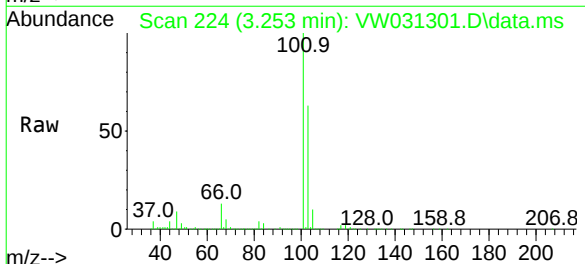
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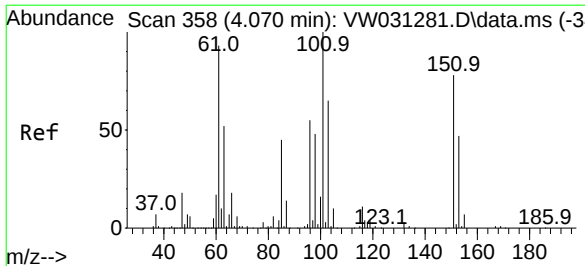
Tgt Ion: 64 Resp: 140389
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 26.970 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.012 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 101 Resp: 269654
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

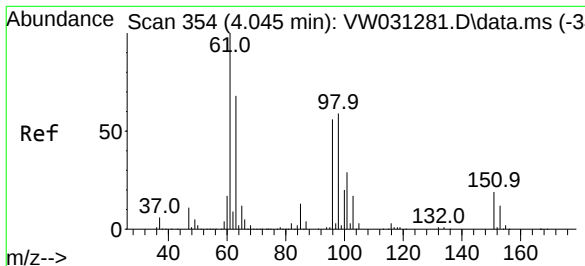
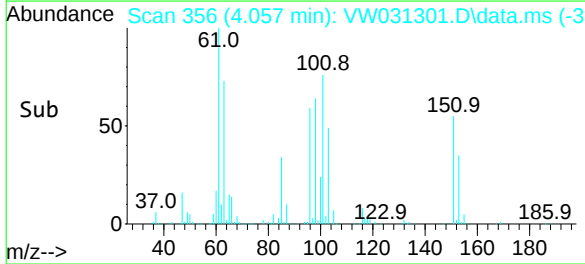
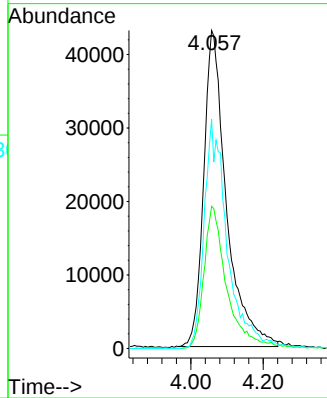
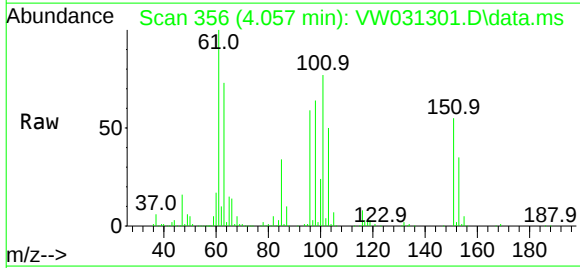




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.320 ug/L
RT: 4.057 min Scan# 351
Delta R.T. -0.012 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

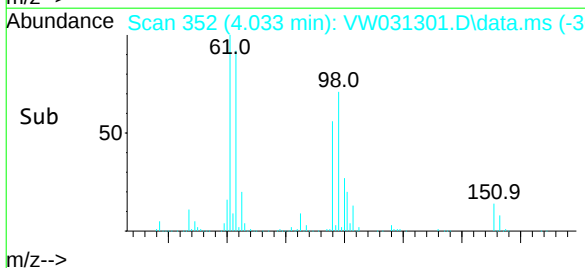
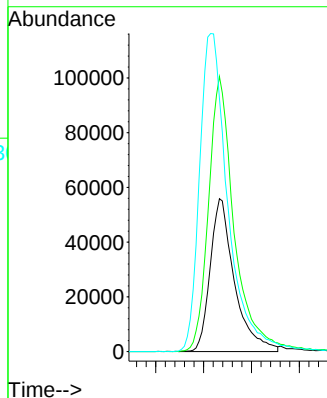
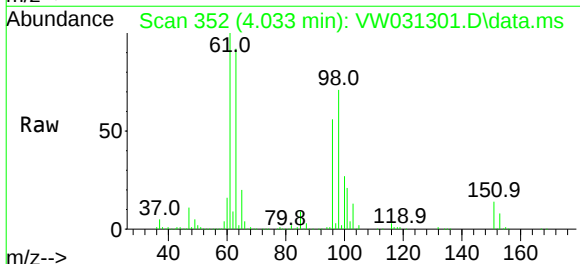
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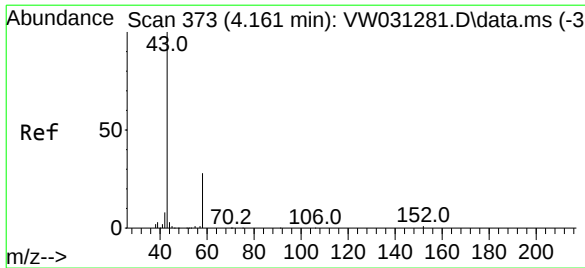
Tgt Ion: 101 Resp: 188278
Ion Ratio Lower Upper
101 100
85 43.8 33.0 49.4
151 31.9 54.8 82.2#



#12
1,1-Dichloroethene
Concen: 24.133 ug/L
RT: 4.033 min Scan# 352
Delta R.T. -0.012 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 96 Resp: 197333
Ion Ratio Lower Upper
96 100
61 179.9 125.3 232.7
63 165.6 104.6 194.2





#13

Acetone

Concen: 28.897 ug/L

RT: 4.167 min Scan# 37

Delta R.T. 0.006 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

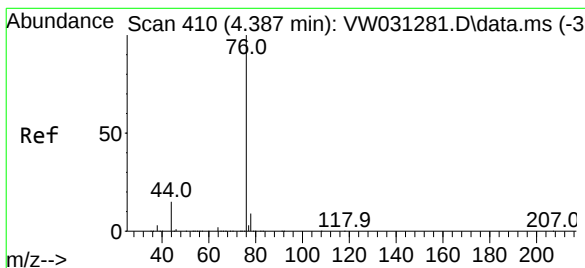
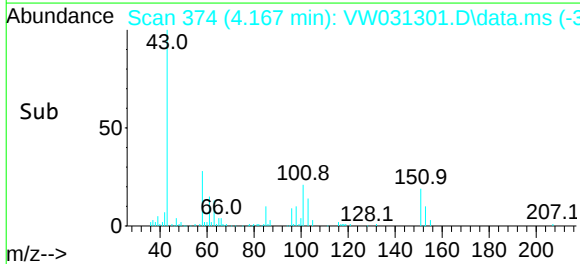
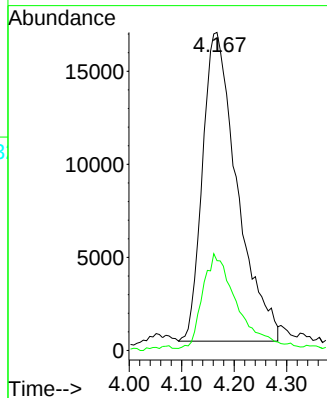
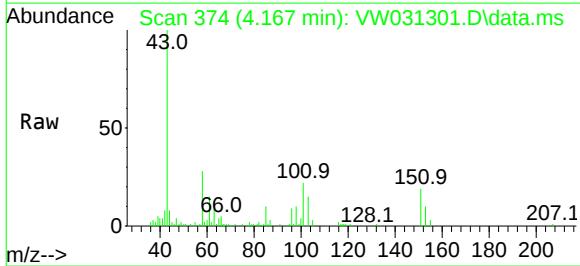
E28X0MS

Tgt Ion: 43 Resp: 76062

Ion Ratio Lower Upper

43 100

58 31.1 0.0 0.0#



#14

Carbon disulfide

Concen: 22.545 ug/L

RT: 4.381 min Scan# 409

Delta R.T. -0.006 min

Lab File: VW031301.D

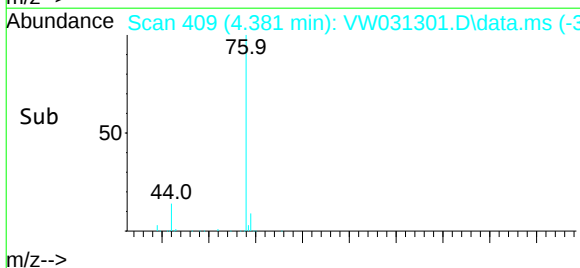
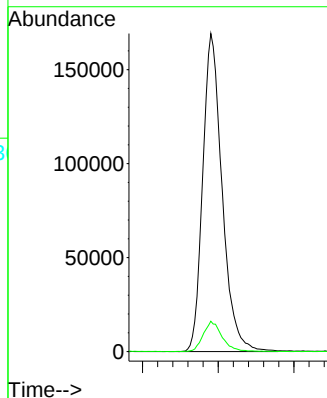
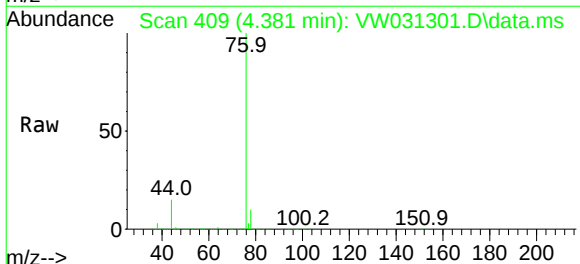
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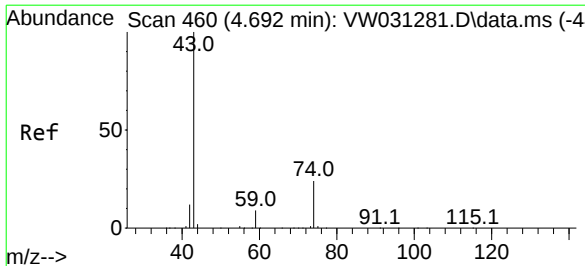
Tgt Ion: 76 Resp: 601217

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

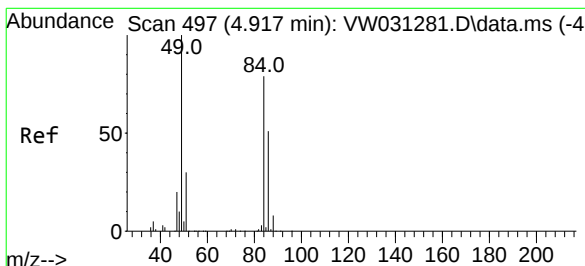
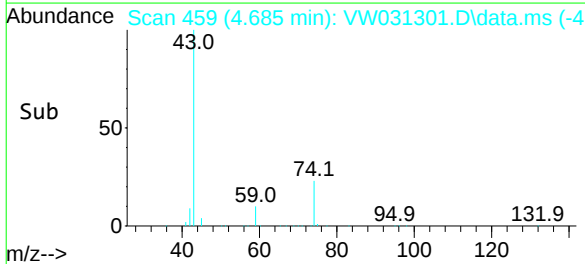
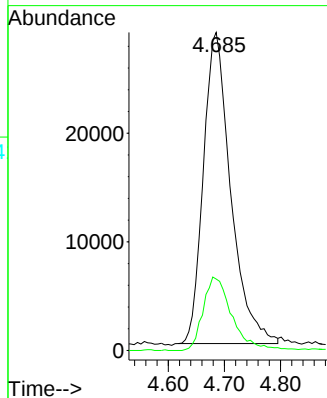
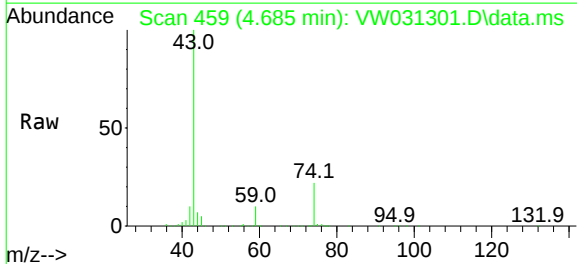




#15
Methyl Acetate
Concen: 32.483 ug/L
RT: 4.685 min Scan# 45
Delta R.T. -0.006 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

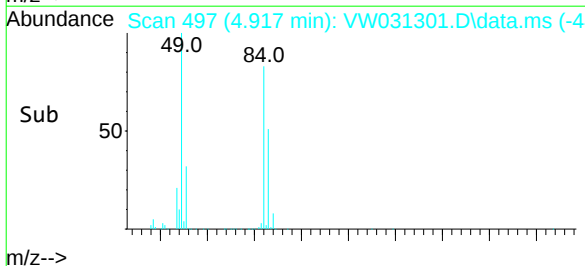
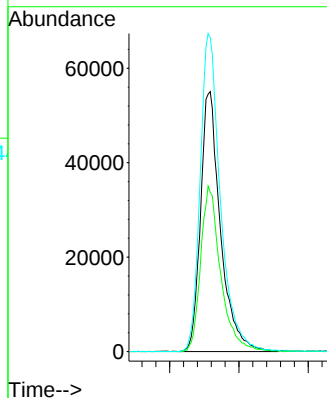
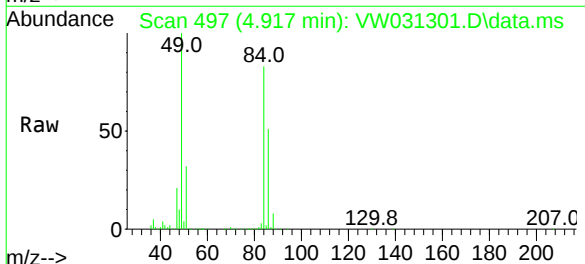
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

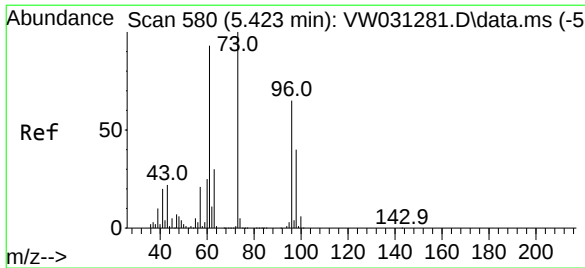
Tgt Ion: 43 Resp: 97110
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3



#16
Methylene chloride
Concen: 26.207 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 84 Resp: 219942
Ion Ratio Lower Upper
84 100
86 61.3 44.7 82.9
49 120.7 88.3 164.1

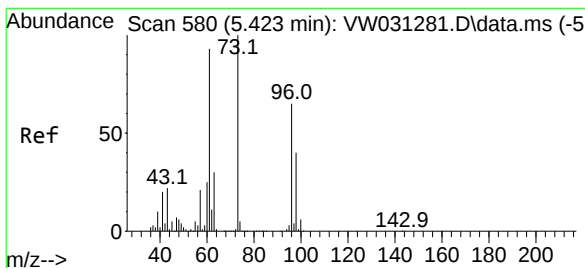
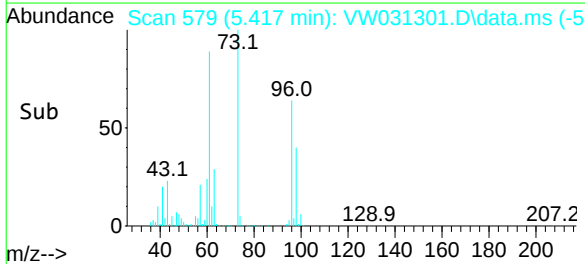
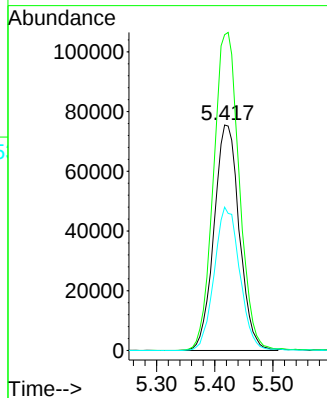
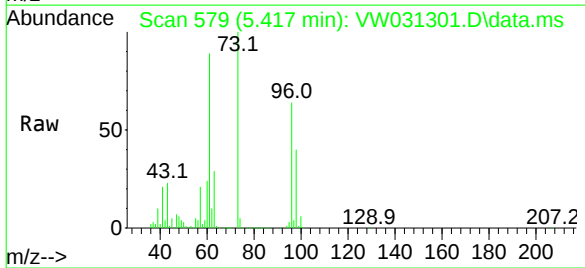




#17
trans-1,2-Dichloroethene
Concen: 25.907 ug/L
RT: 5.417 min Scan# 57
Delta R.T. -0.006 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

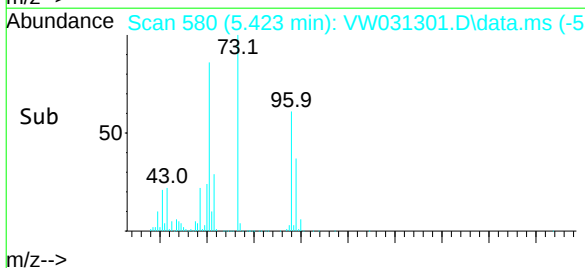
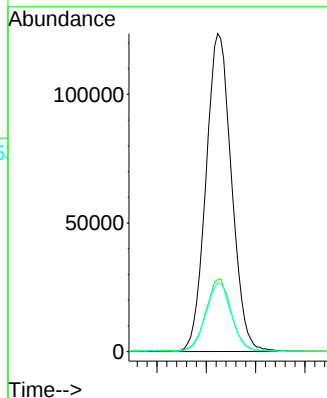
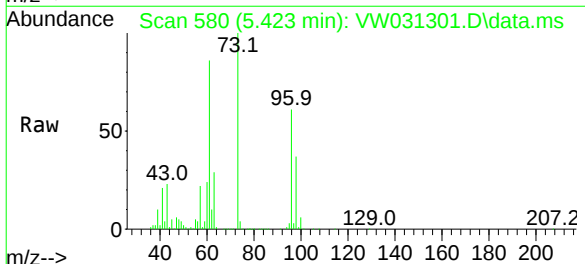
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

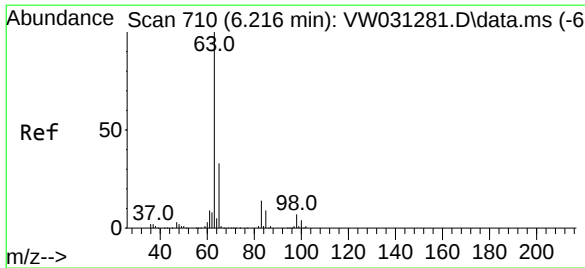
Tgt Ion: 96 Resp: 228351
Ion Ratio Lower Upper
96 100
61 140.0 100.7 187.1
98 63.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 30.191 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 73 Resp: 444879
Ion Ratio Lower Upper
73 100
43 22.2 17.9 26.9
57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 26.658 ug/L

RT: 6.209 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

E28X0MS

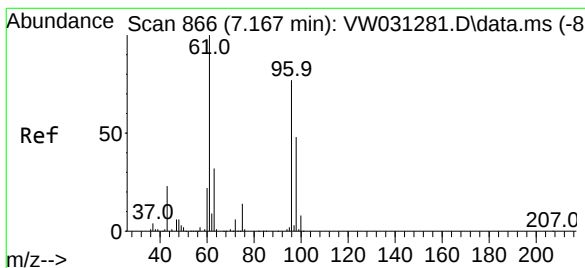
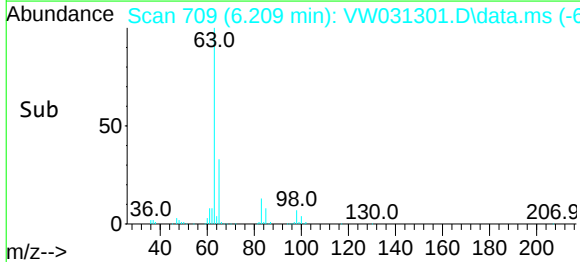
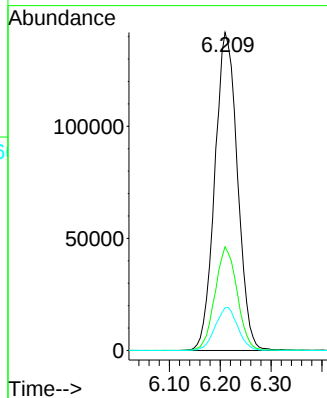
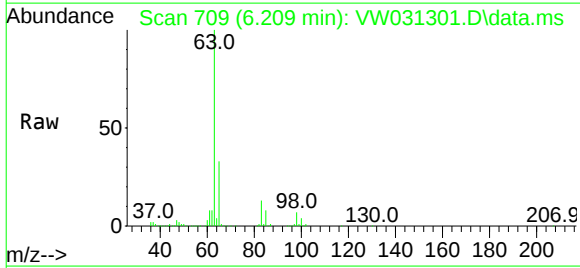
Tgt Ion: 63 Resp: 439078

Ion Ratio Lower Upper

63 100

65 32.6 21.9 40.7

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 27.193 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

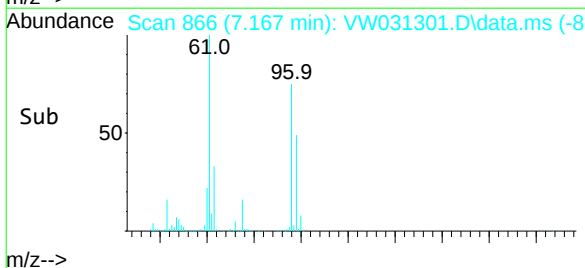
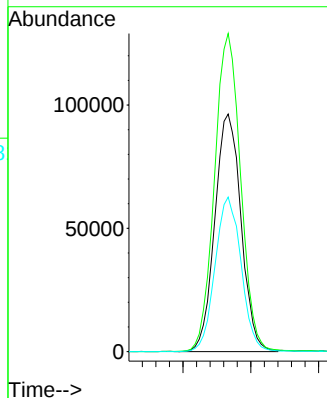
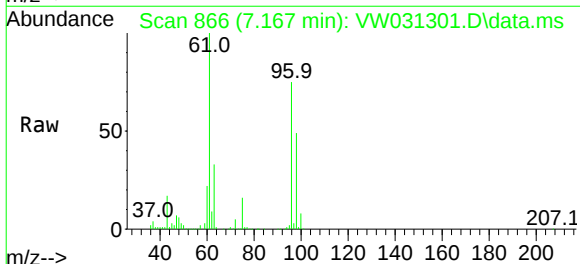
Tgt Ion: 96 Resp: 259319

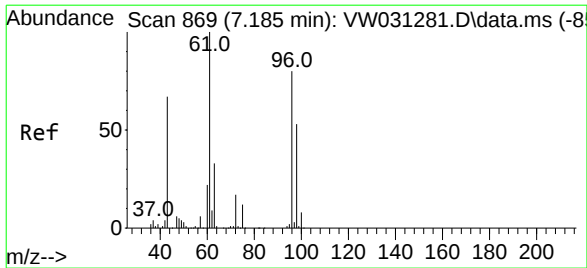
Ion Ratio Lower Upper

96 100

61 133.9 92.2 171.2

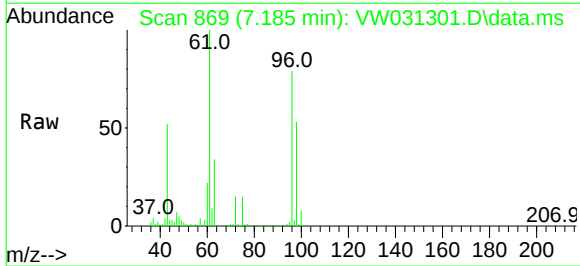
98 65.1 43.7 81.1



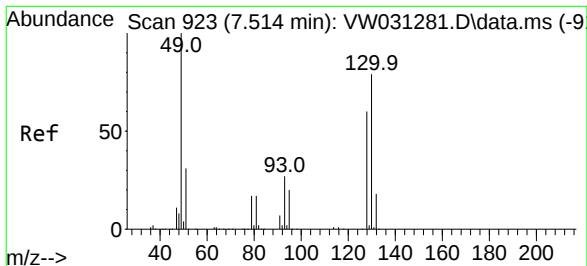
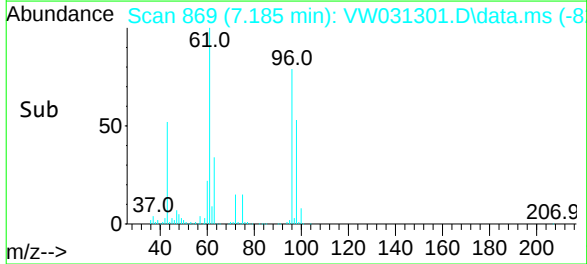
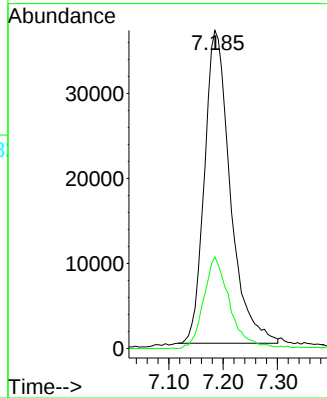


#22
2-Butanone
Concen: 38.201 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

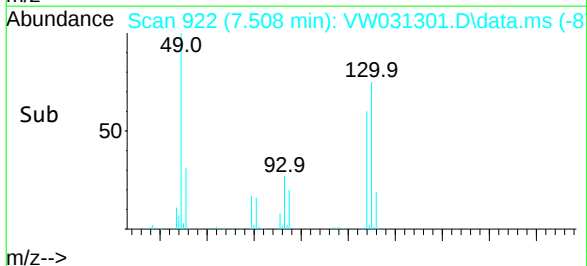
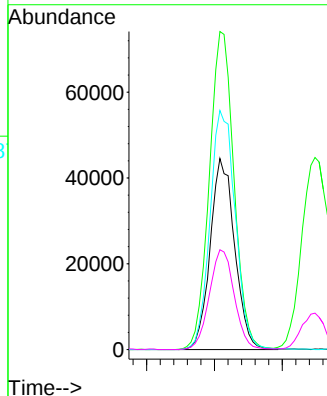
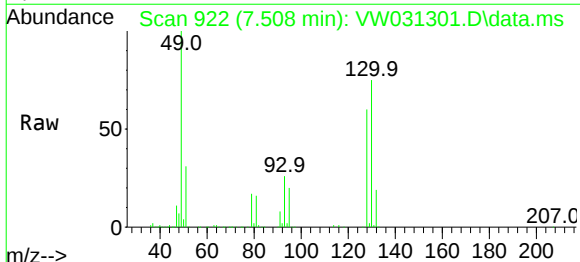


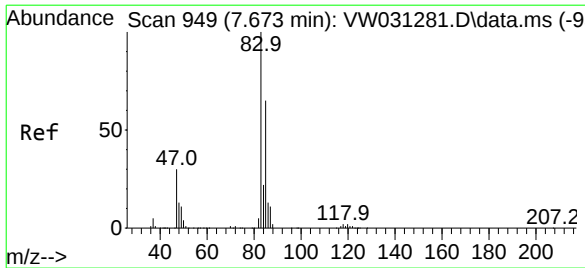
Tgt Ion: 43 Resp: 121834
Ion Ratio Lower Upper
43 100
72 28.9 13.3 39.8



#23
Bromochloromethane
Concen: 29.355 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 128 Resp: 111646
Ion Ratio Lower Upper
128 100
49 166.4 123.7 229.7
130 125.1 90.3 167.7
51 52.3 46.1 69.1





#25

Chloroform

Concen: 27.842 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

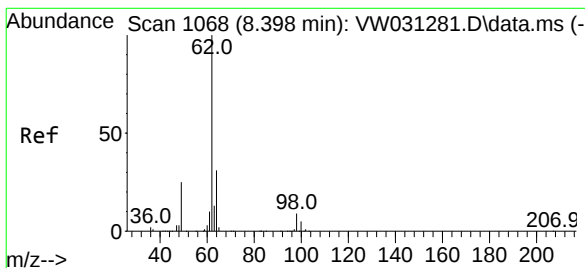
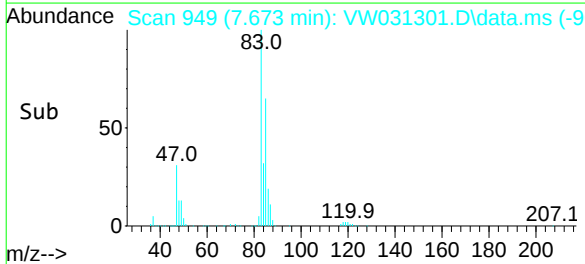
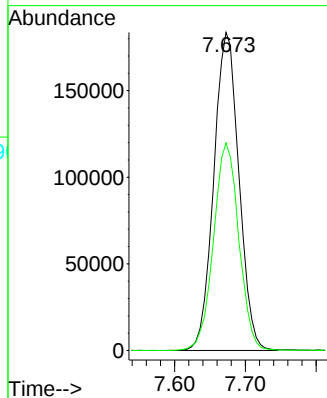
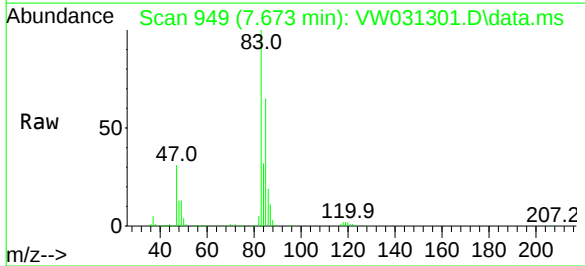
E28X0MS

Tgt Ion: 83 Resp: 452585

Ion Ratio Lower Upper

83 100

85 65.2 46.1 85.5



#27

1,2-Dichloroethane

Concen: 30.006 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031301.D

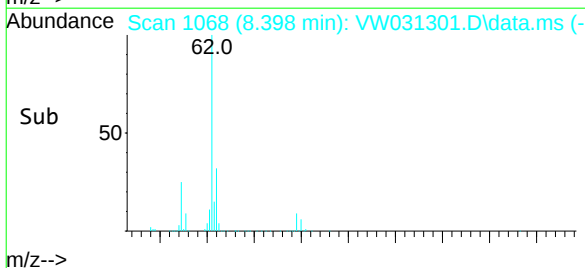
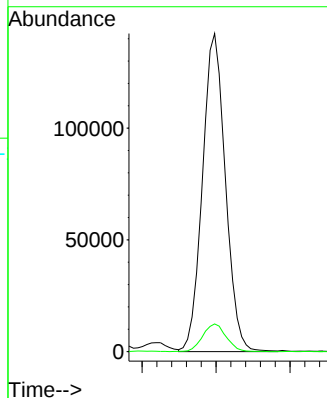
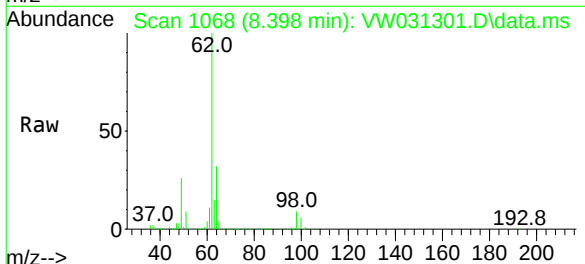
Acq: 17 Dec 2024 04:13

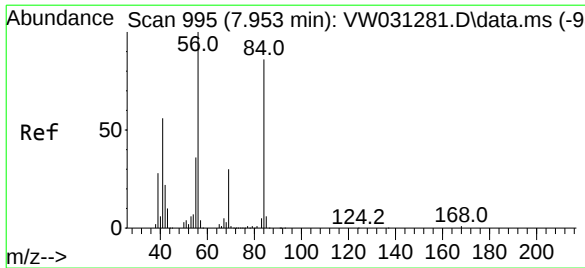
Tgt Ion: 62 Resp: 306654

Ion Ratio Lower Upper

62 100

98 8.7 7.2 10.8

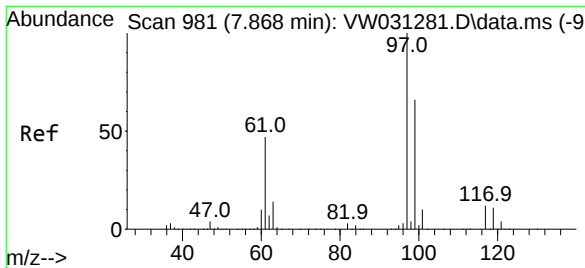
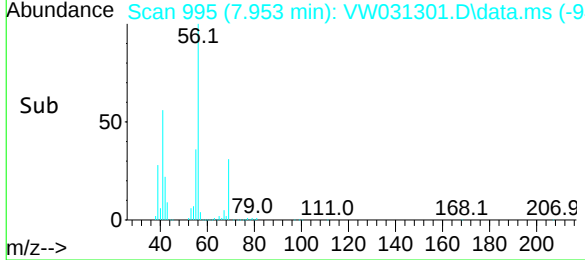
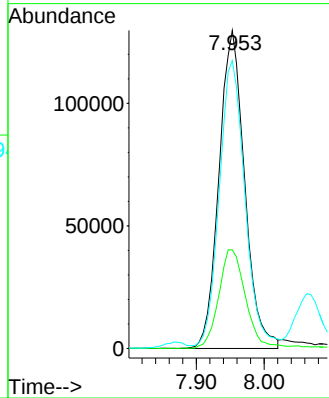
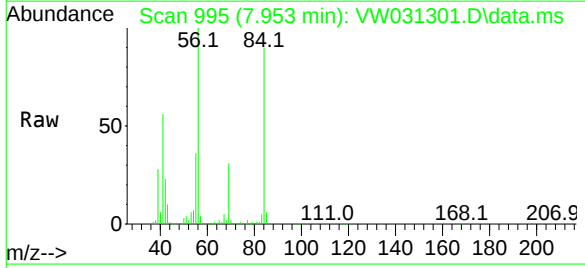




#29
Cyclohexane
Concen: 21.702 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

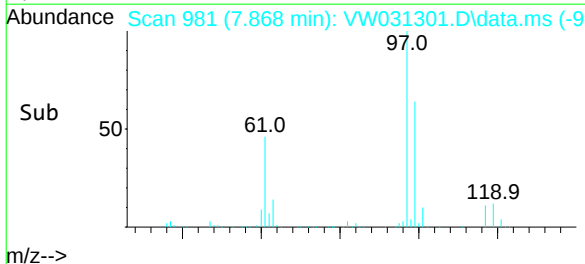
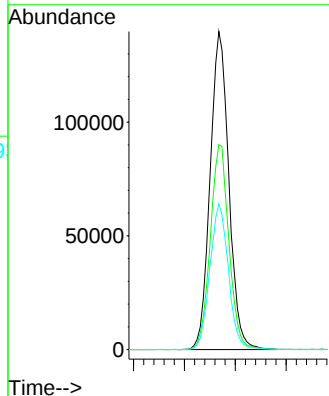
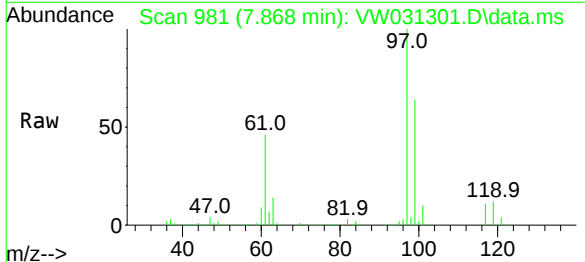
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

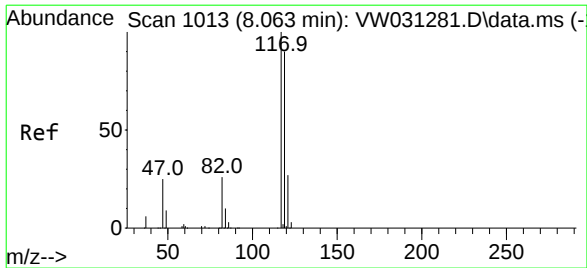
Tgt Ion: 56 Resp: 340910
Ion Ratio Lower Upper
56 100
69 32.2 25.0 37.4
84 90.7 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 23.868 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 97 Resp: 357343
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.6 36.3 54.5





#31

Carbon tetrachloride

Concen: 23.387 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

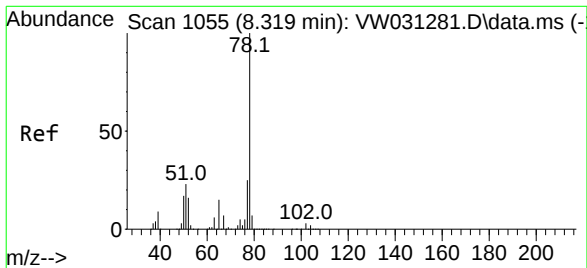
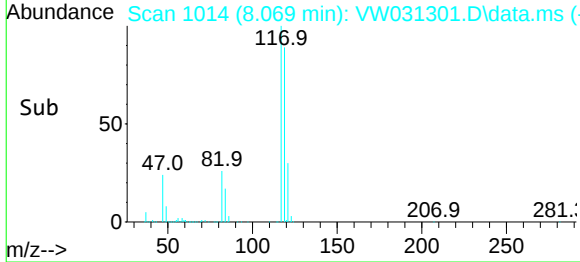
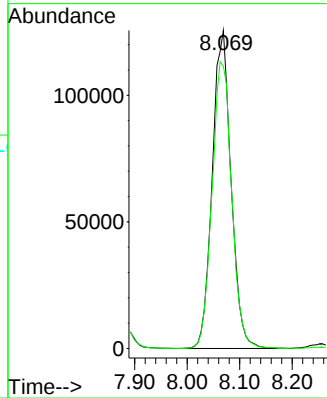
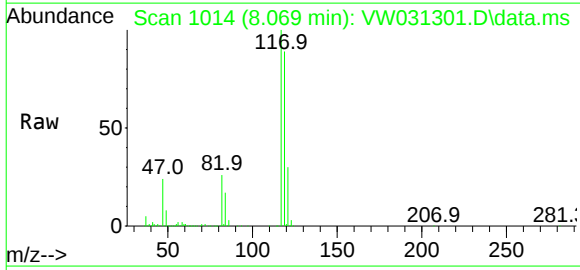
E28X0MS

Tgt Ion:117 Resp: 311941

Ion Ratio Lower Upper

117 100

119 94.7 76.0 114.0



#33

Benzene

Concen: 26.306 ug/L

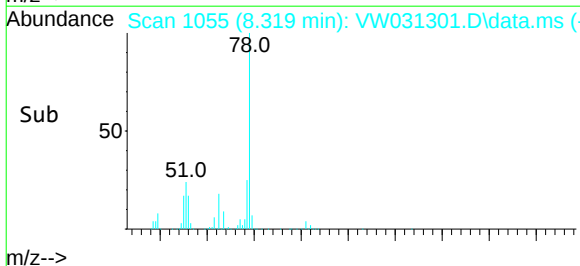
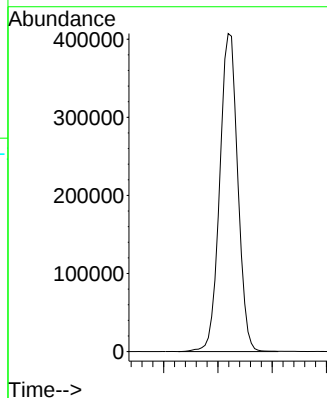
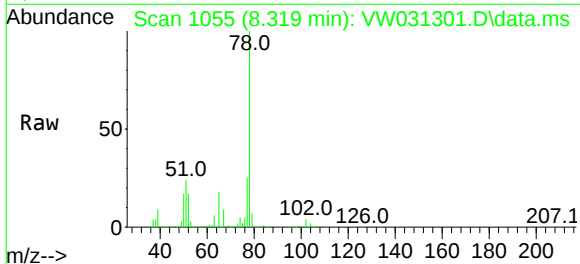
RT: 8.319 min Scan# 1055

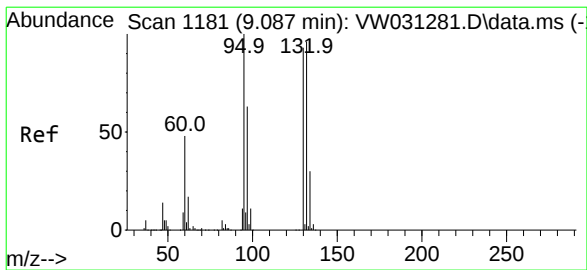
Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Tgt Ion: 78 Resp: 941635





#34

Trichloroethene

Concen: 25.677 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

E28X0MS

Tgt Ion: 95 Resp: 259493

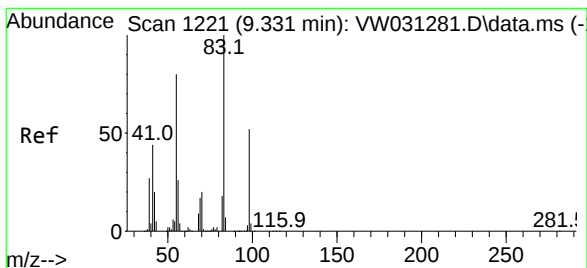
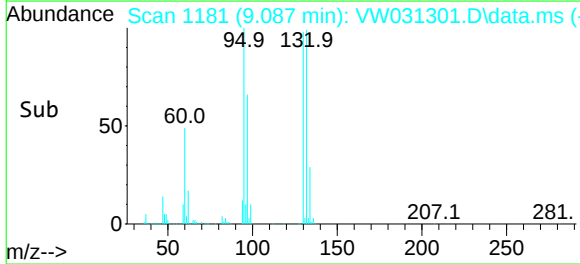
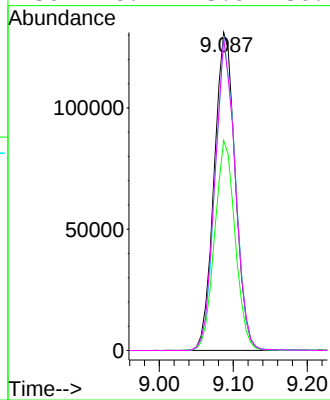
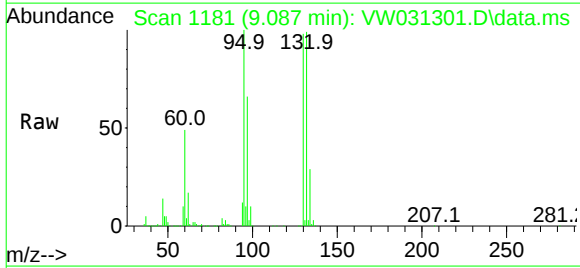
Ion Ratio Lower Upper

95 100

97 66.1 46.5 86.3

132 98.8 70.3 130.5

130 98.4 73.6 136.8



#35

Methylcyclohexane

Concen: 21.898 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

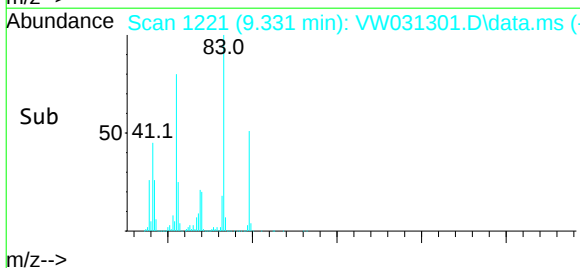
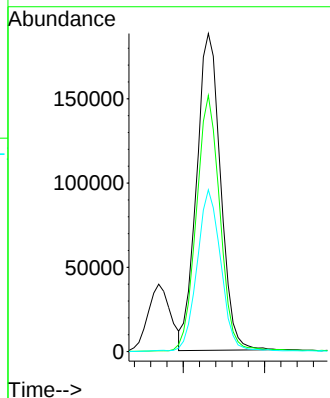
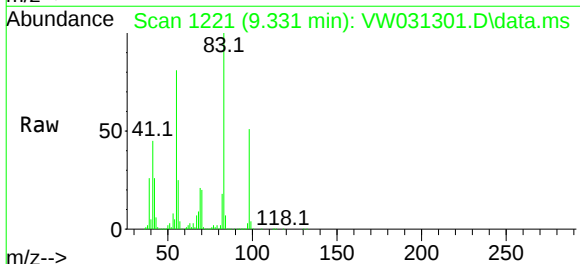
Tgt Ion: 83 Resp: 385385

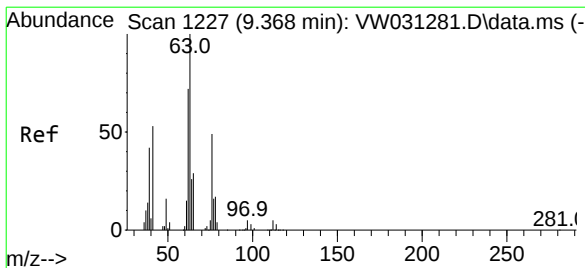
Ion Ratio Lower Upper

83 100

55 78.9 62.6 93.8

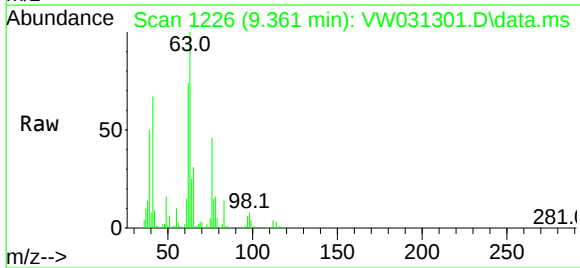
98 50.6 39.8 59.6



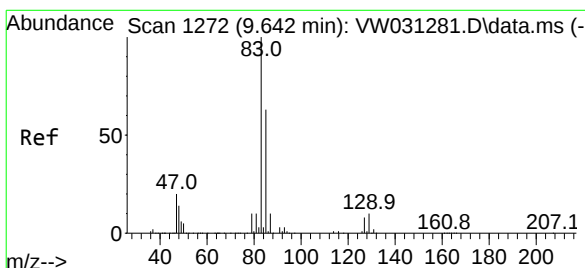
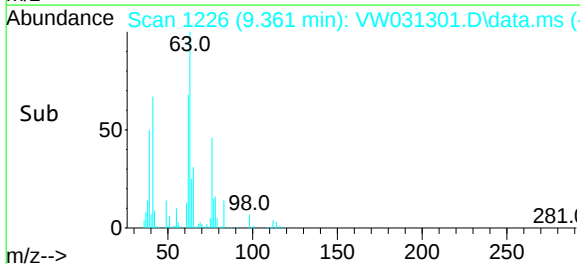
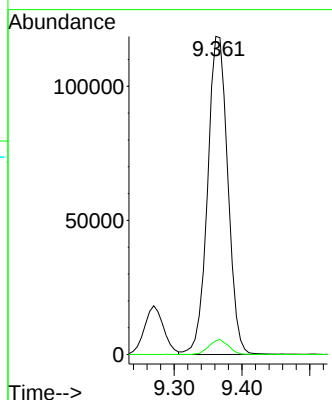


#37
1,2-Dichloropropane
Concen: 27.486 ug/L
RT: 9.361 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

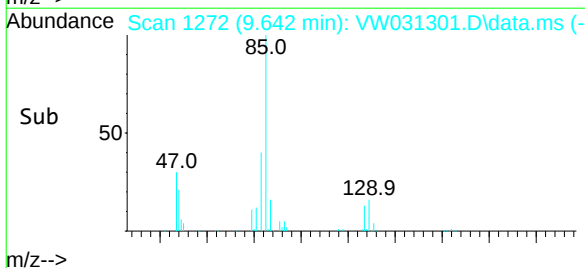
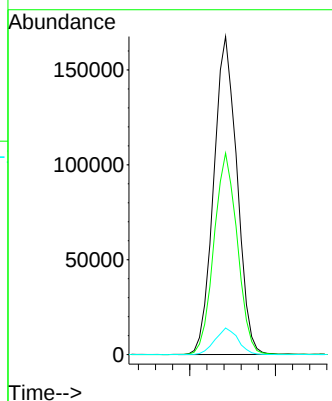
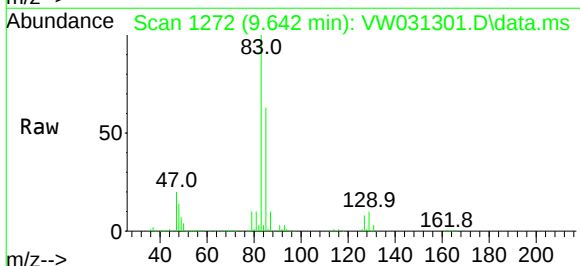


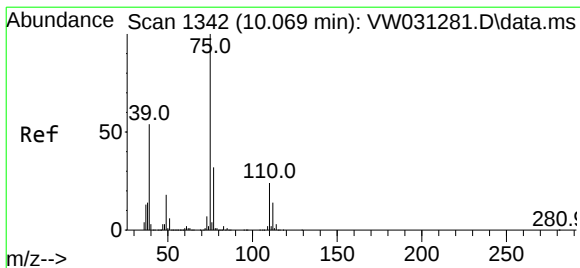
Tgt Ion: 63 Resp: 245448
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8



#38
Bromodichloromethane
Concen: 27.263 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 83 Resp: 316501
Ion Ratio Lower Upper
83 100
85 63.3 46.5 86.5
127 8.4 6.2 9.4

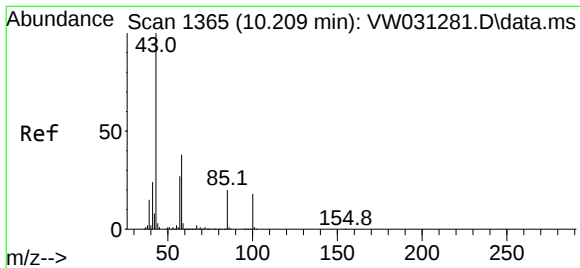
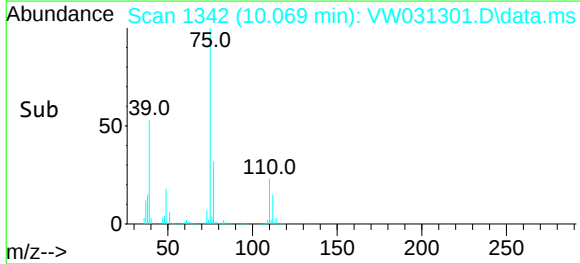
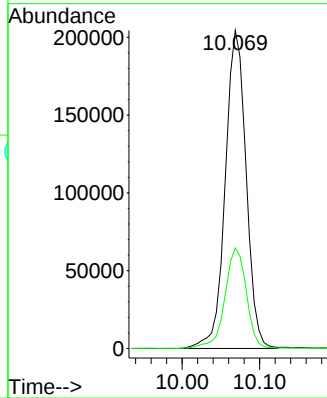
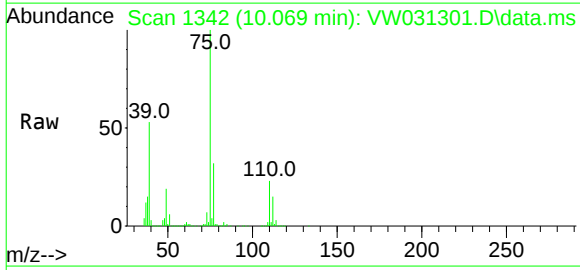




#39
cis-1,3-Dichloropropene
Concen: 25.327 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

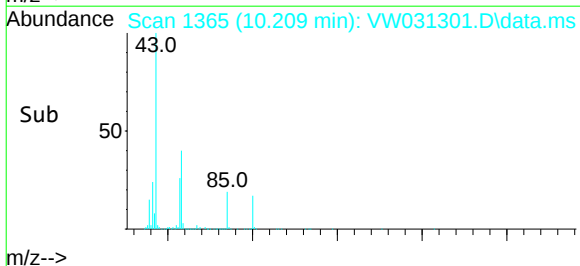
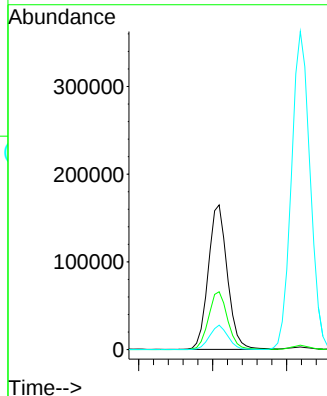
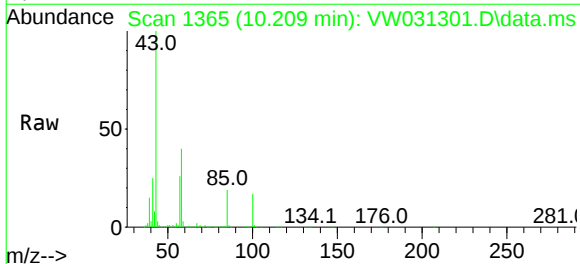
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

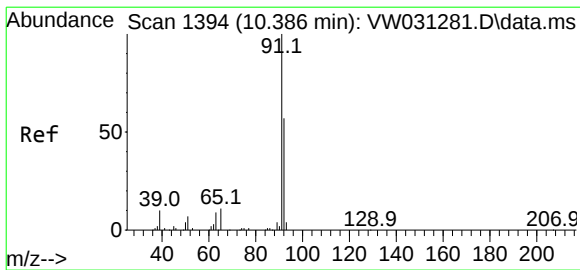
Tgt Ion: 75 Resp: 382174
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 62.305 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 43 Resp: 295181
Ion Ratio Lower Upper
43 100
58 40.0 31.1 46.7
100 16.3 13.0 19.6





#42

Toluene

Concen: 26.445 ug/L

RT: 10.386 min Scan# 13

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

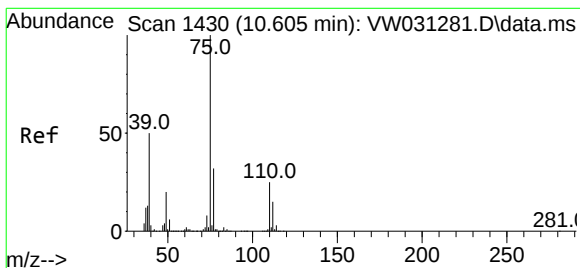
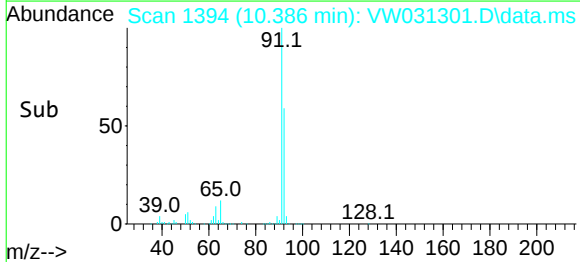
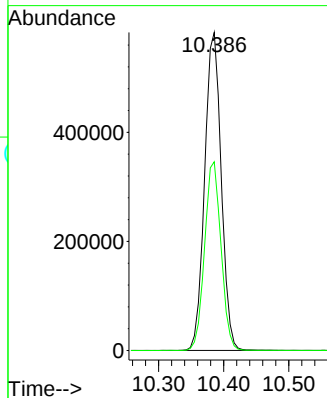
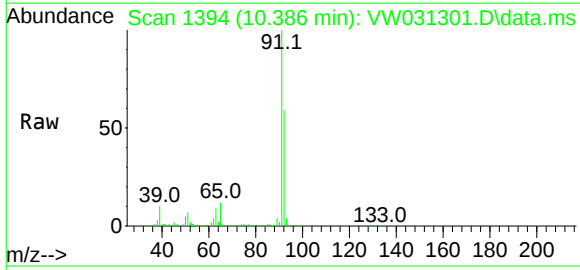
E28X0MS

Tgt Ion: 91 Resp: 1030630

Ion Ratio Lower Upper

91 100

92 59.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 26.041 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031301.D

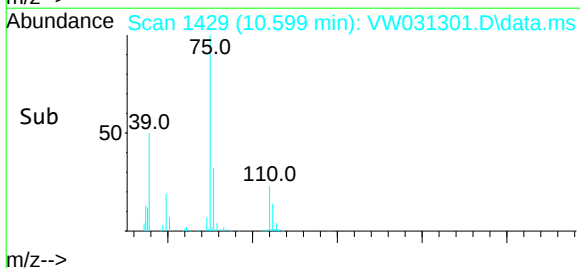
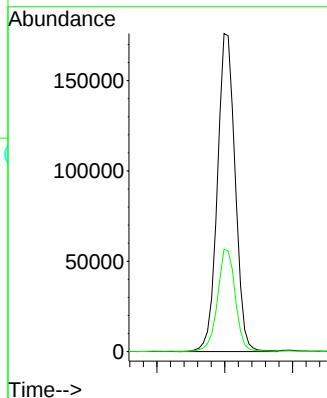
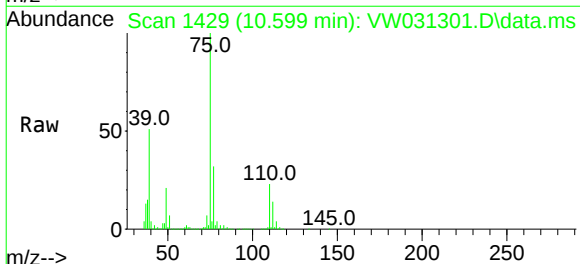
Acq: 17 Dec 2024 04:13

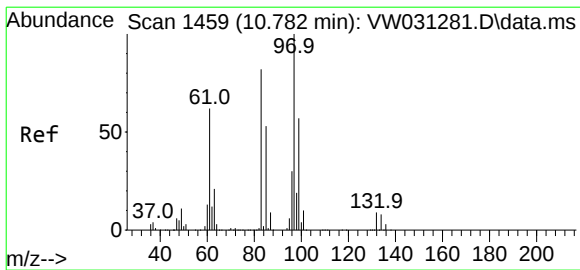
Tgt Ion: 75 Resp: 320859

Ion Ratio Lower Upper

75 100

77 32.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 30.298 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Instrument :

MSVOA_W

ClientSampleId :

E28X0MS

Tgt Ion: 97 Resp: 179963

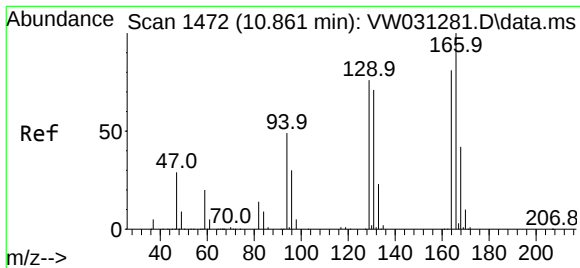
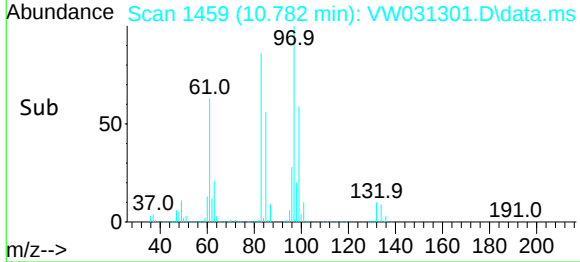
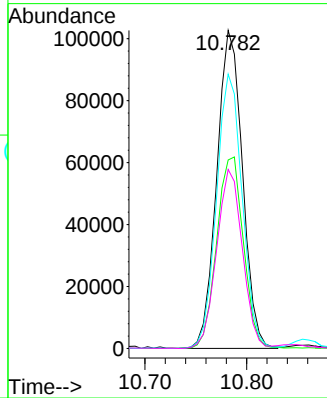
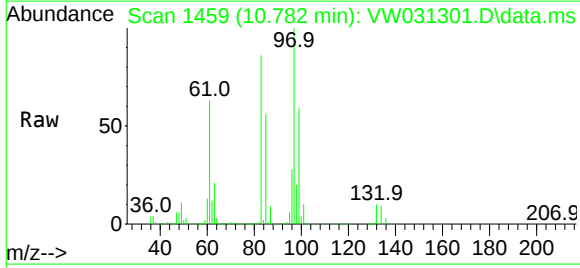
Ion Ratio Lower Upper

97 100

99 59.3 43.0 80.0

83 86.3 56.4 104.7

85 56.3 37.9 70.3



#46

Tetrachloroethene

Concen: 24.431 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Tgt Ion: 164 Resp: 180853

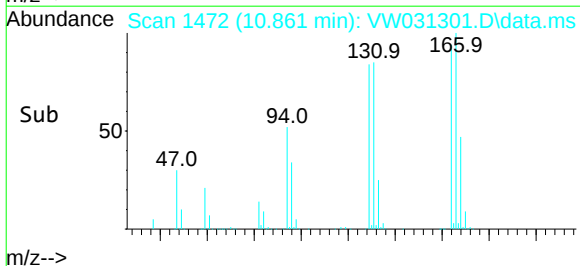
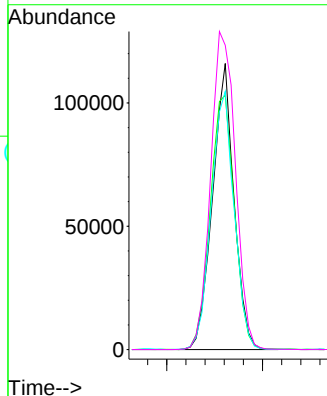
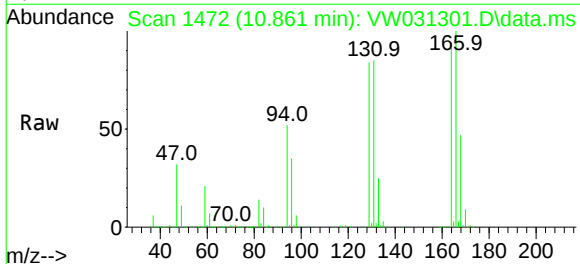
Ion Ratio Lower Upper

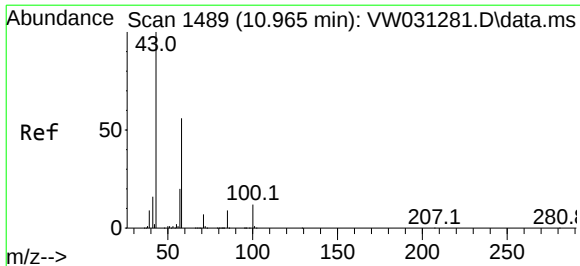
164 100

129 88.9 73.5 136.5

131 90.2 66.6 123.8

166 106.4 92.7 172.3

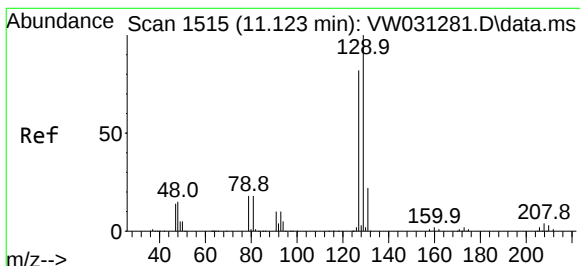
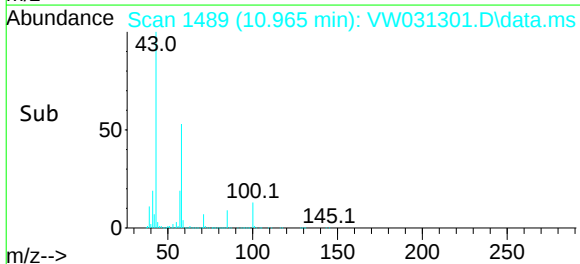
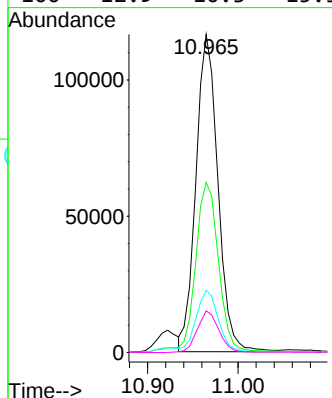
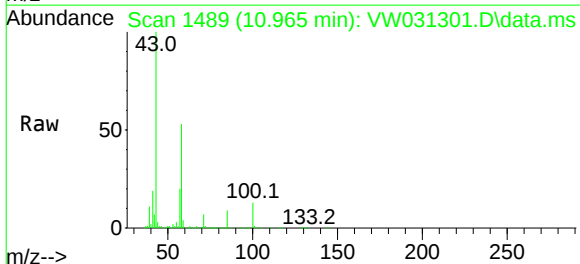




#48
2-Hexanone
Concen: 48.905 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

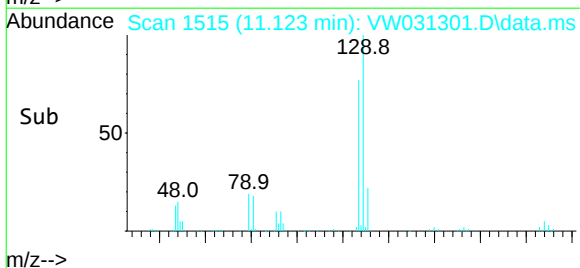
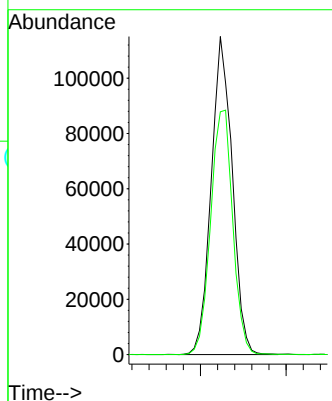
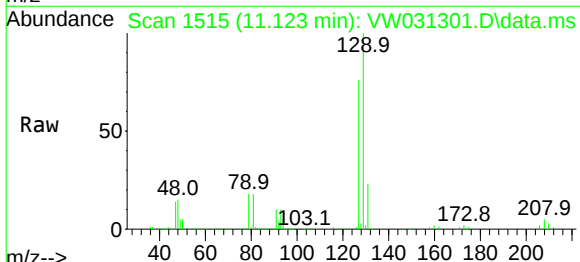
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

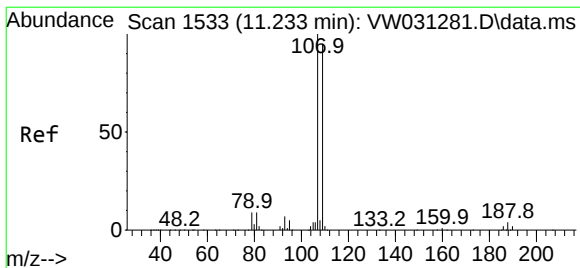
Tgt Ion:	43	Resp:	197054
Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.0	64.6
57	19.8	15.7	23.5
100	12.9	10.3	15.5



#49
Dibromochloromethane
Concen: 27.897 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion:	129	Resp:	196411
Ion	Ratio	Lower	Upper
129	100		
127	76.3	57.6	107.0

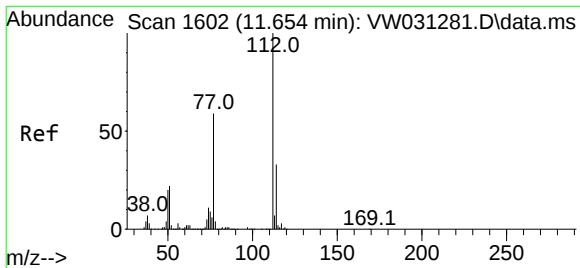
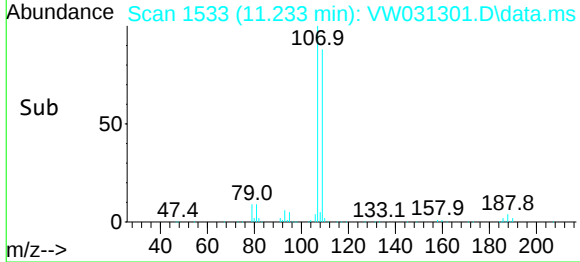
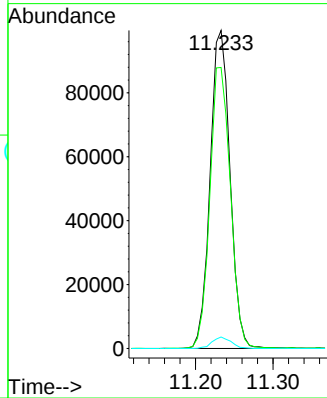
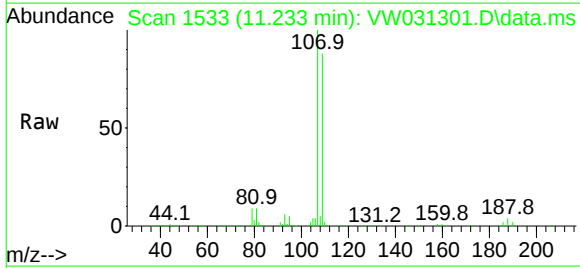




#50
1,2-Dibromoethane
Concen: 31.522 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

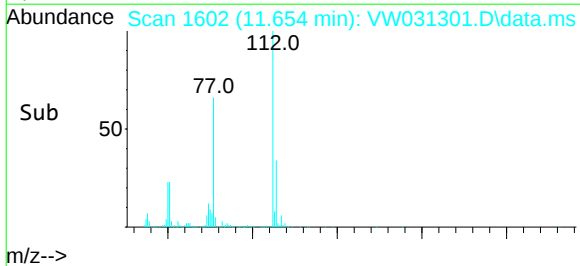
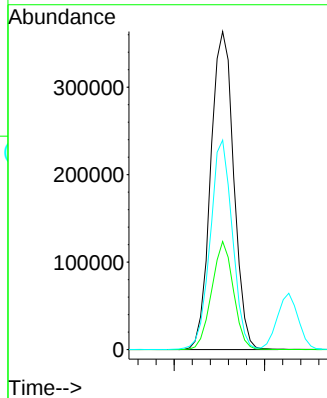
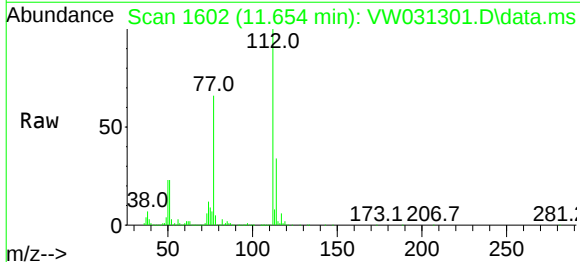
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

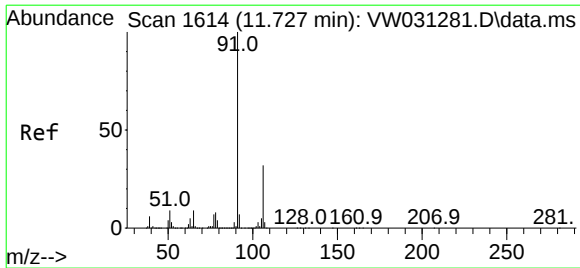
Tgt Ion:107 Resp: 177365
Ion Ratio Lower Upper
107 100
109 88.4 63.2 117.4
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 26.360 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion:112 Resp: 644110
Ion Ratio Lower Upper
112 100
114 34.0 22.7 42.3
77 65.9 50.2 75.4

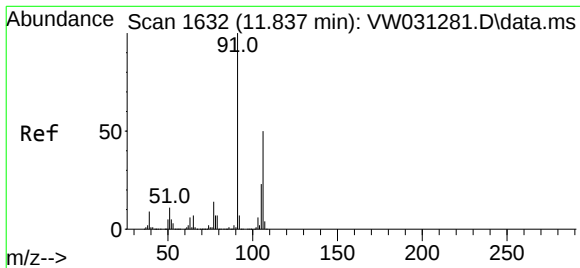
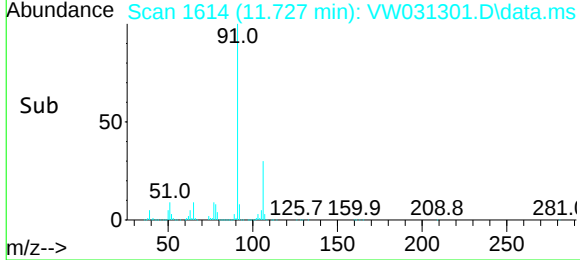
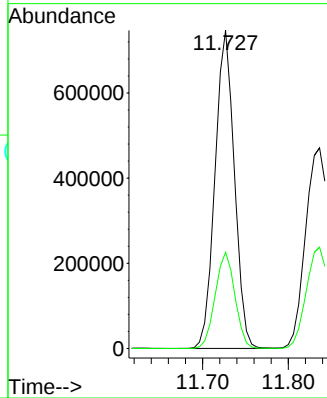
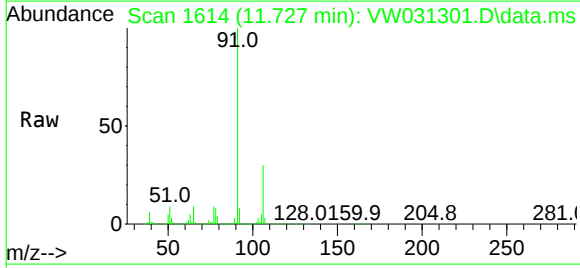




#52
Ethylbenzene
Concen: 25.932 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

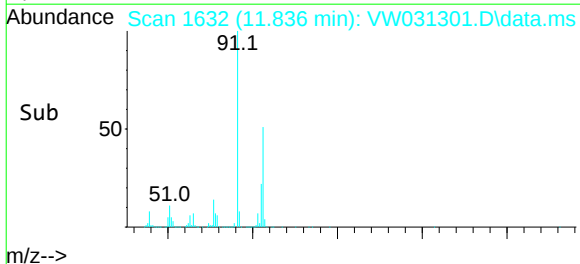
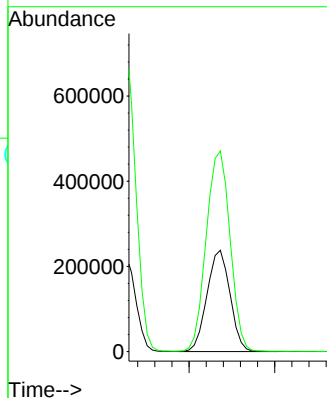
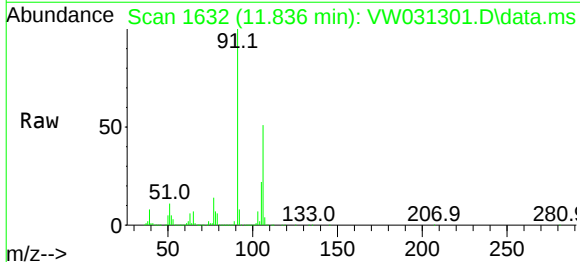
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

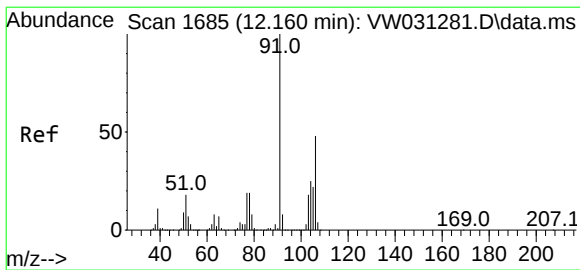
Tgt Ion: 91 Resp: 1171292
Ion Ratio Lower Upper
91 100
106 30.3 20.7 38.5



#53
m,p-Xylene
Concen: 25.835 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 106 Resp: 444235
Ion Ratio Lower Upper
106 100
91 198.0 139.9 259.7

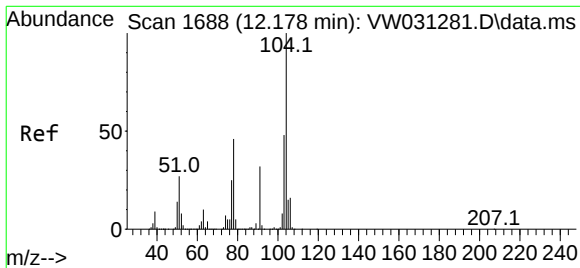
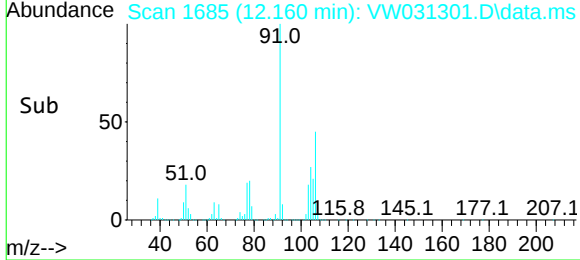
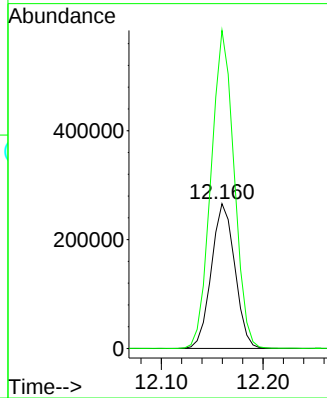
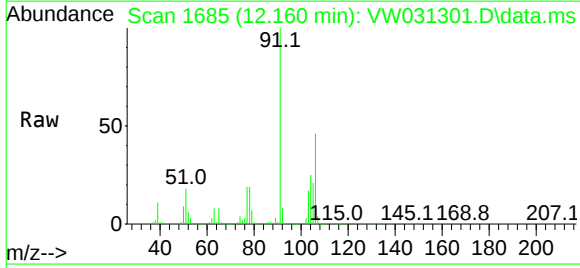




#54
o-Xylene
Concen: 26.287 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

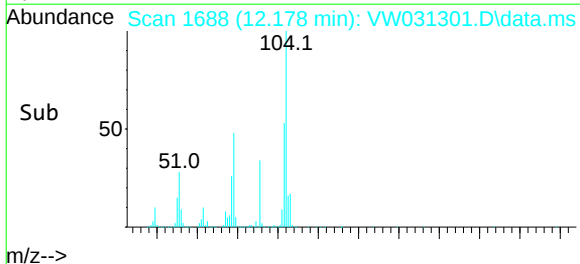
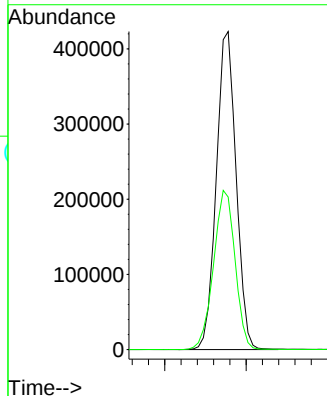
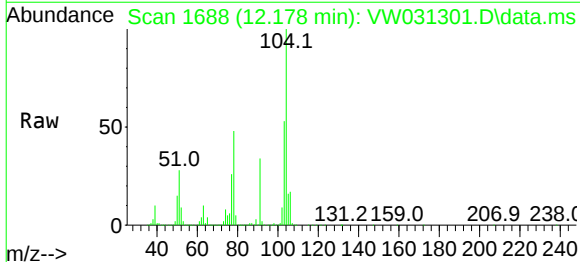
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

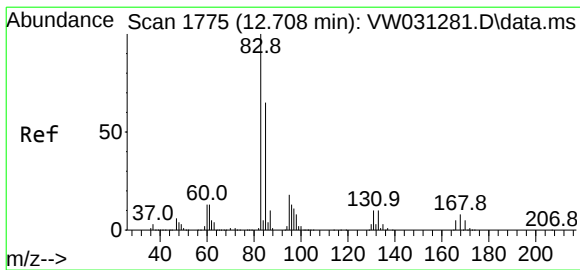
Tgt Ion:106 Resp: 425997
Ion Ratio Lower Upper
106 100
91 219.7 153.1 284.3



#55
Styrene
Concen: 26.532 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion:104 Resp: 715208
Ion Ratio Lower Upper
104 100
78 48.0 31.4 58.4

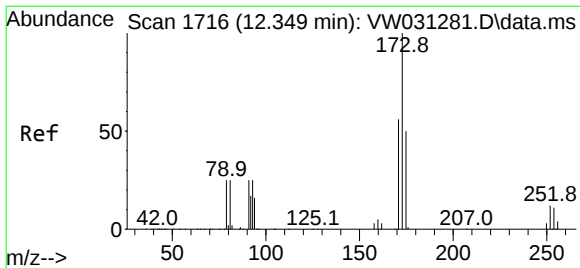
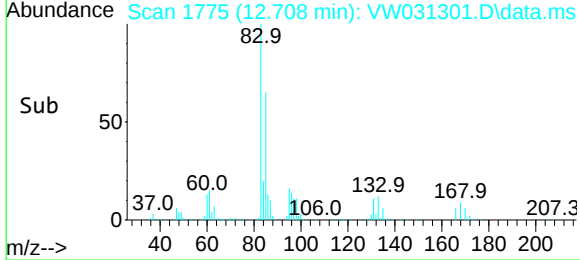
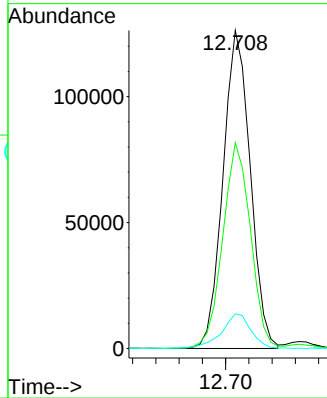
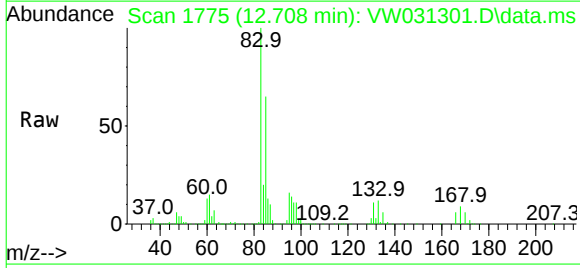




#57
1,1,2,2-Tetrachloroethane
Concen: 32.076 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

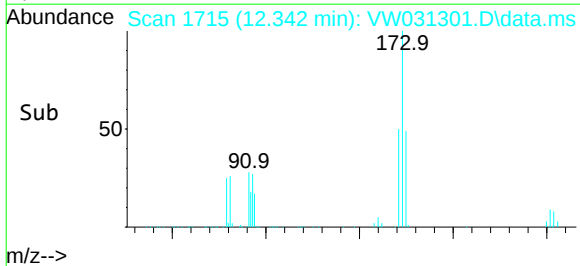
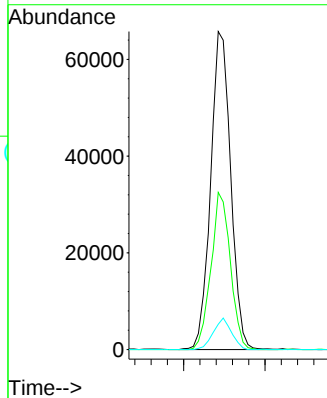
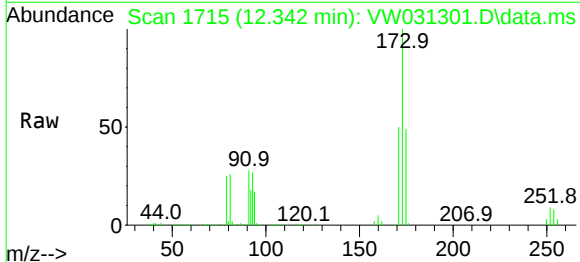
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

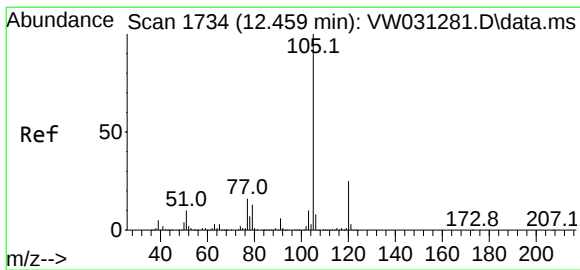
Tgt Ion:	83	Resp:	205382
Ion Ratio	Lower	Upper	
83	100		
85	64.7	44.1	81.9
131	10.9	7.9	11.9



#59
Bromoform
Concen: 28.804 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

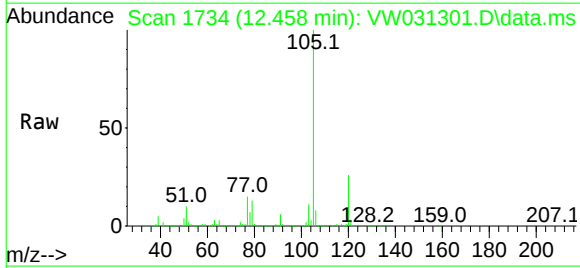
Tgt Ion:	173	Resp:	112635
Ion Ratio	Lower	Upper	
173	100		
175	47.7	38.6	57.8
254	9.0	7.6	11.4



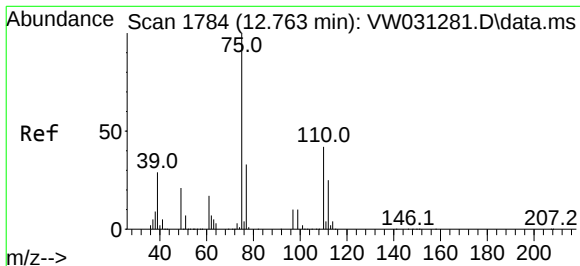
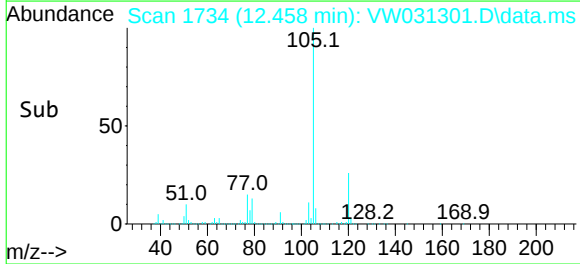
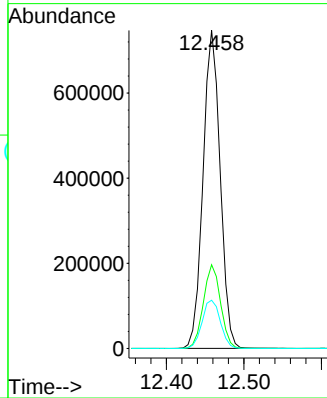


#60
Isopropylbenzene
Concen: 25.139 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

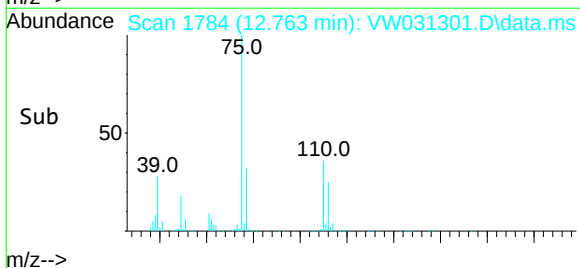
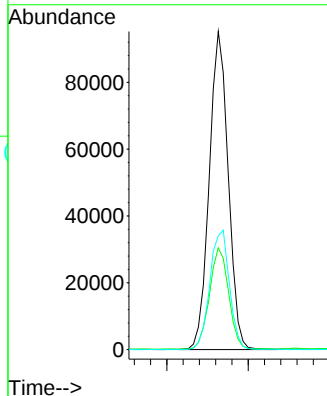
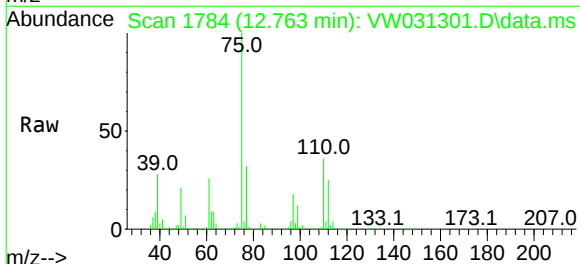


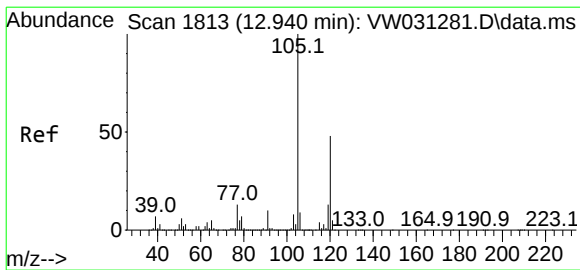
Tgt Ion: 105 Resp: 1145114
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 16.1 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 32.383 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

Tgt Ion: 75 Resp: 154239
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 38.7 31.2 46.8

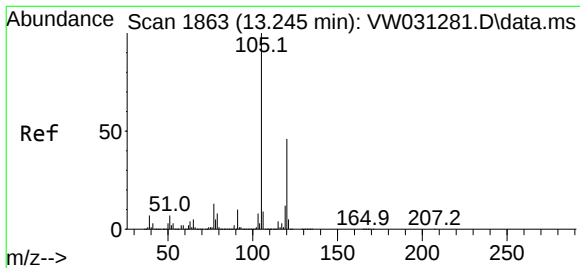
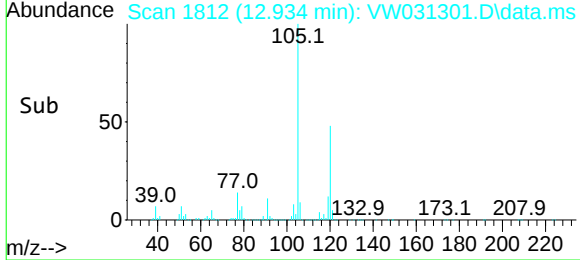
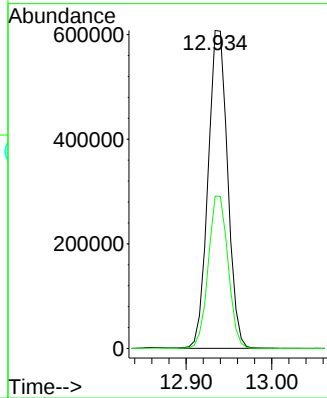
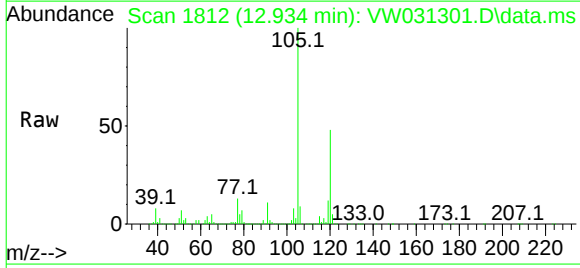




#62
 1,3,5-Trimethylbenzene
 Concen: 24.923 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW031301.D
 Acq: 17 Dec 2024 04:13

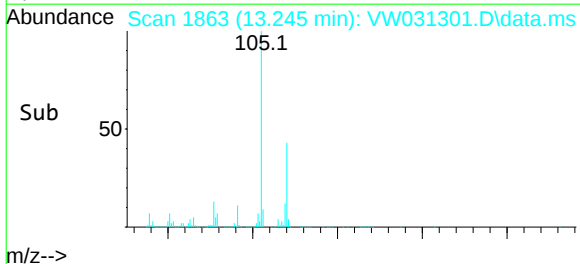
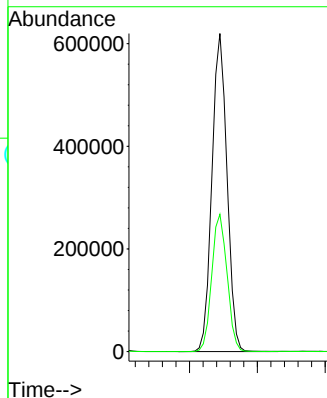
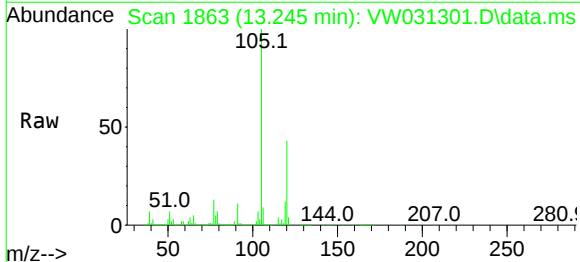
Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

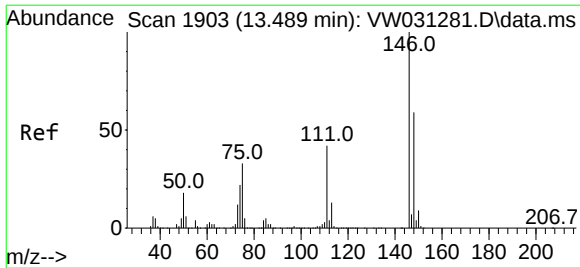
Tgt Ion:105 Resp: 962506
 Ion Ratio Lower Upper
 105 100
 120 48.4 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 25.636 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031301.D
 Acq: 17 Dec 2024 04:13

Tgt Ion:105 Resp: 956874
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.0 52.4

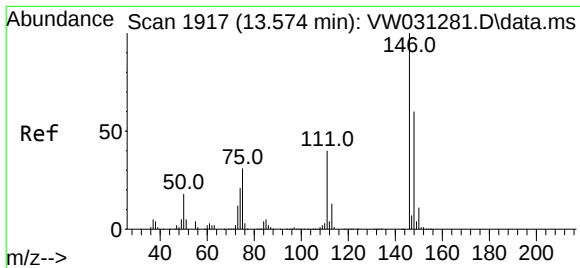
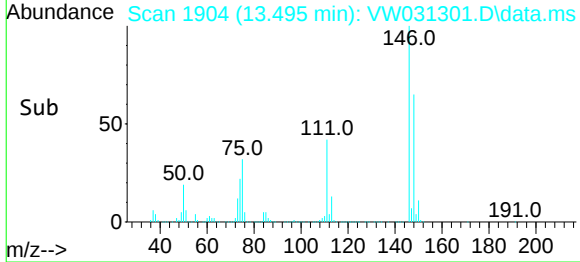
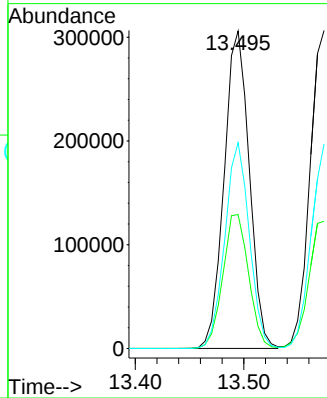
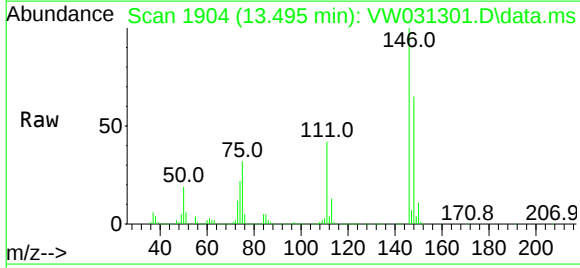




#64
1,3-Dichlorobenzene
Concen: 26.672 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

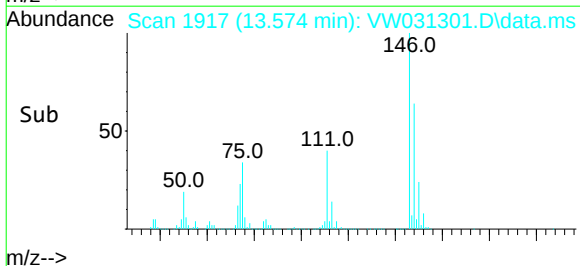
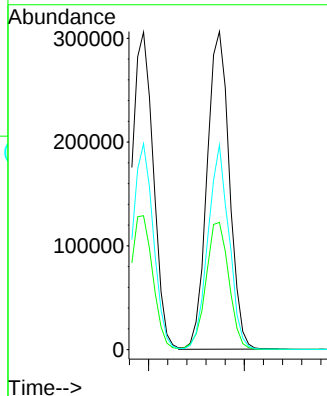
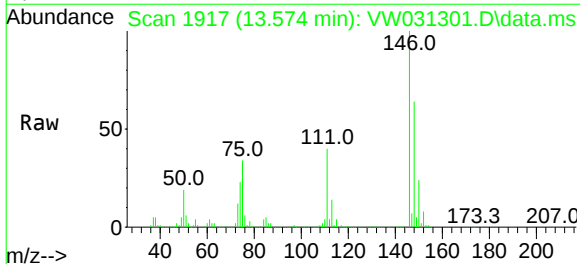
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

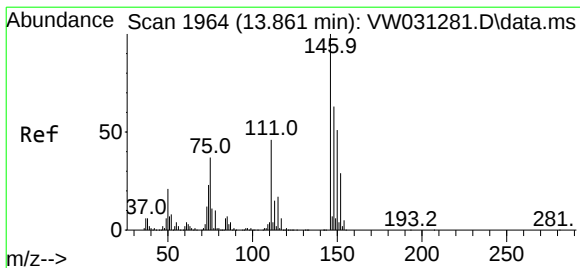
Tgt Ion:146 Resp: 492234
Ion Ratio Lower Upper
146 100
111 42.2 27.6 51.2
148 64.8 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 27.152 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

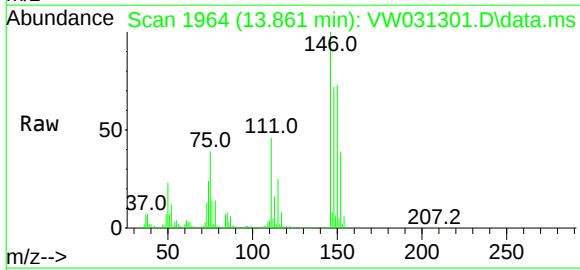
Tgt Ion:146 Resp: 496494
Ion Ratio Lower Upper
146 100
111 40.0 30.7 56.9
148 64.3 46.5 86.3



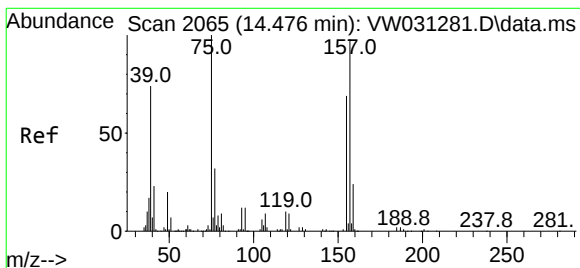
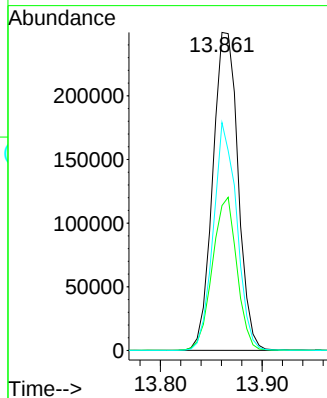
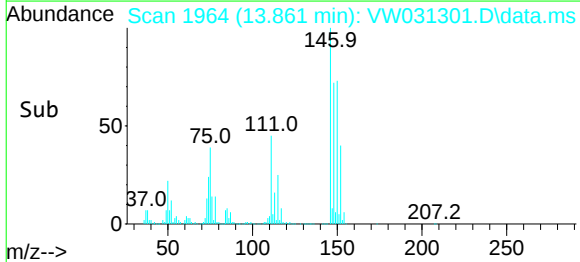


#67
1,2-Dichlorobenzene
Concen: 27.130 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13

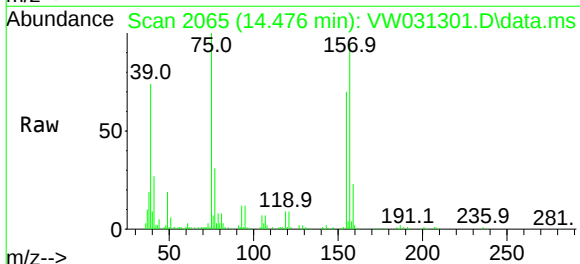
Instrument :
MSVOA_W
ClientSampleId :
E28X0MS



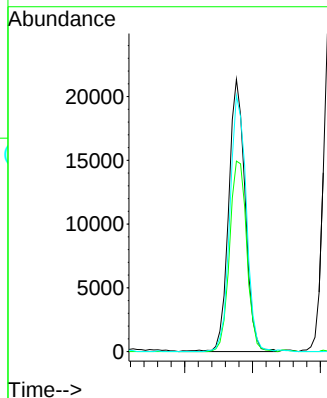
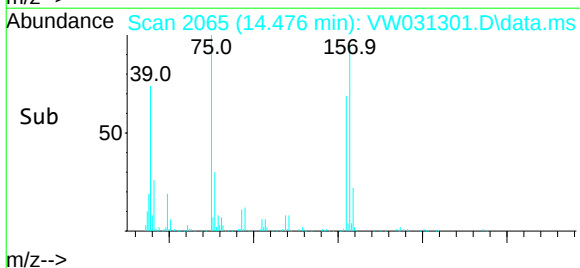
Tgt Ion: 146 Resp: 431398
Ion Ratio Lower Upper
146 100
111 45.6 38.6 58.0
148 71.6 53.6 80.4

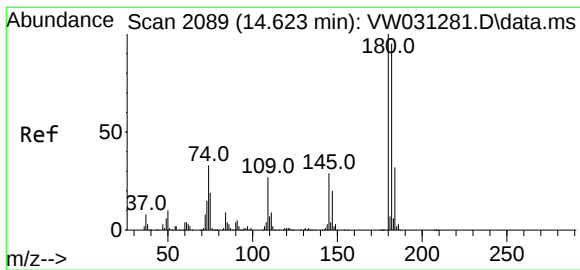


#68
1,2-Dibromo-3-chloropropane
Concen: 29.842 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031301.D
Acq: 17 Dec 2024 04:13



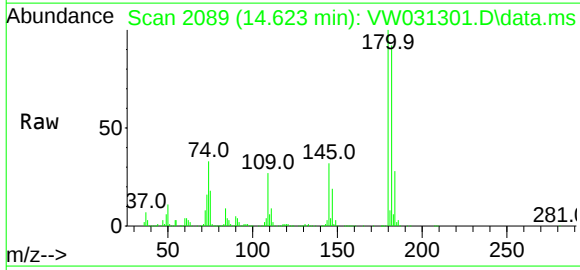
Tgt Ion: 75 Resp: 36070
Ion Ratio Lower Upper
75 100
155 70.0 56.6 85.0
157 94.1 71.2 106.8



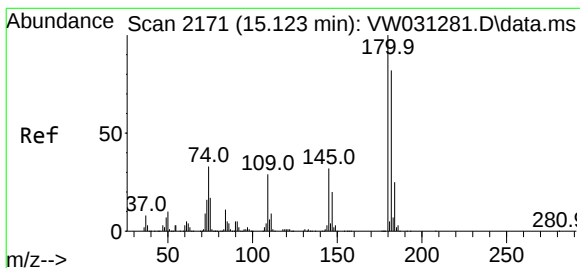
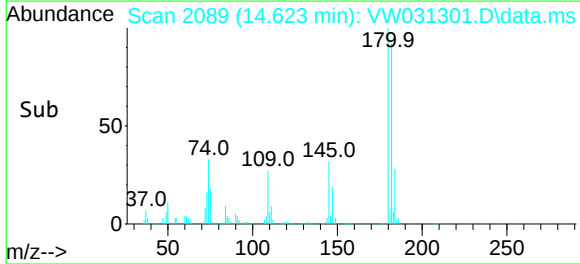
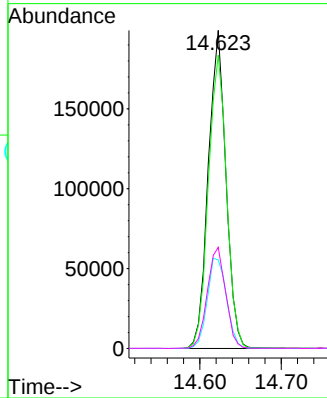


#69
 1,3,5-Trichlorobenzene
 Concen: 23.207 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031301.D
 Acq: 17 Dec 2024 04:13

Instrument :
 MSVOA_W
 ClientSampleId :
 E28X0MS

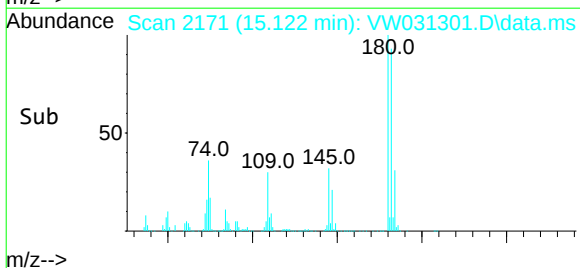
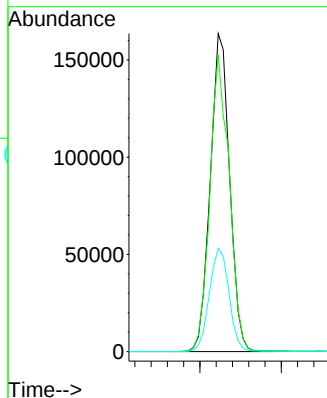
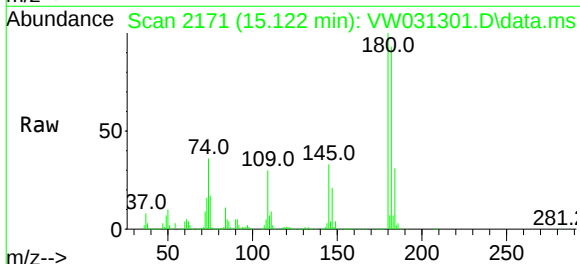


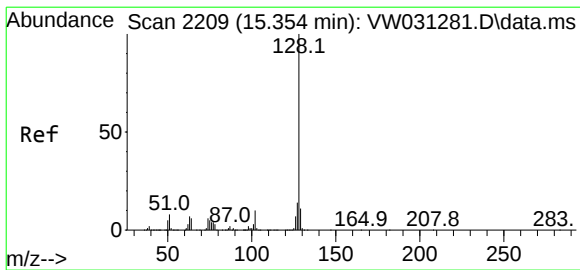
Tgt Ion:	180	Resp:	299954
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.0	112.4
184	30.9	24.6	36.8
145	32.8	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 25.169 ug/L
 RT: 15.122 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VW031301.D
 Acq: 17 Dec 2024 04:13

Tgt Ion:	180	Resp:	270610
Ion Ratio	Lower	Upper	
180	100		
182	93.8	78.2	117.2
145	33.0	26.7	40.1





#71

Naphthalene

Concen: 32.598 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

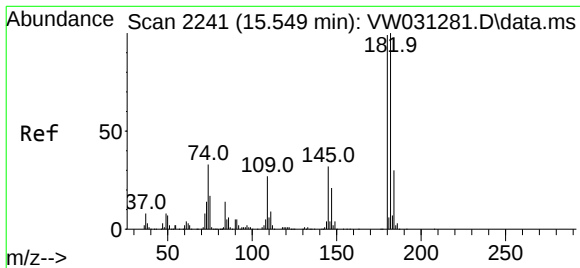
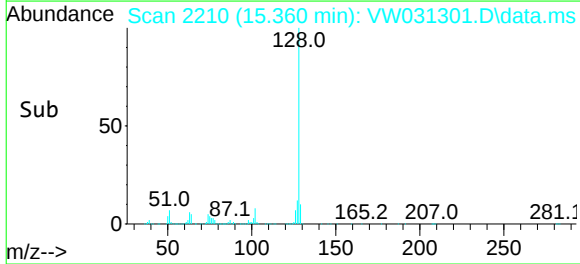
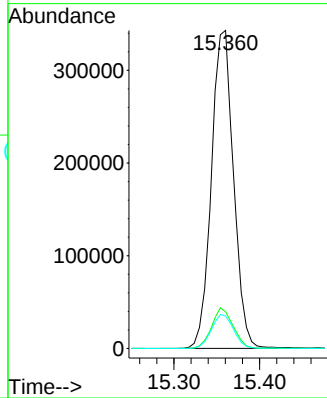
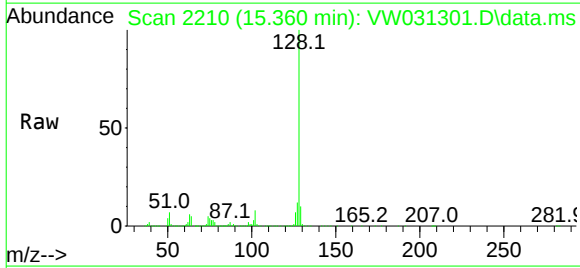
Instrument :

MSVOA_W

ClientSampleId :

E28X0MS

Tgt Ion:	128	Resp:	614485
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.7	16.1
129	10.8	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.760 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031301.D

Acq: 17 Dec 2024 04:13

Tgt Ion:	180	Resp:	240476
Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.0	112.4
145	34.4	27.8	41.6

