

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031420.D
 Acq On : 20 Dec 2024 12:12
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 22:01:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	565788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	512362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	244177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	154286	18.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
7) Chloroethane-d5	2.893	69	129545	20.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.014	65	69983	17.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.320%
21) 2-Butanone-d5	7.093	46	72178	45.021	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.040%
24) Chloroform-d	7.648	84	308257	19.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.520%
26) 1,2-Dichloroethane-d4	8.300	65	174533	22.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.680%
32) Benzene-d6	8.270	84	626371	19.074	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.280%
36) 1,2-Dichloropropane-d6	9.270	67	186161	19.451	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.800%
41) Toluene-d8	10.318	98	566168	18.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.120%
43) trans-1,3-Dichloroprop...	10.574	79	73553	16.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.680%
47) 2-Hexanone-d5	10.922	63	56165	43.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138314	23.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	187171	20.648	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	4159	0.813	ug/L	94
3) Chloromethane	2.216	50	8041	1.400	ug/L	99
6) Bromomethane	2.789	94	6680	1.365	ug/L	96
8) Chloroethane	2.929	64	6900	1.457	ug/L	95
9) Trichlorofluoromethane	3.259	101	9921	1.170	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	7263	1.061	ug/L #	85
12) 1,1-Dichloroethene	4.039	96	9470	1.365	ug/L #	1
14) Carbon disulfide	4.380	76	21323	0.943	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	9142	1.223	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	16489	1.319	ug/L #	67
19) 1,1-Dichloroethane	6.215	63	17727	1.269	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	10367	1.282	ug/L	90
23) Bromochloromethane	7.520	128	4589	1.422	ug/L	85
25) Chloroform	7.672	83	28326	2.054	ug/L	98
27) 1,2-Dichloroethane	8.398	62	12338	1.423	ug/L	96
29) Cyclohexane	7.953	56	14387	1.035	ug/L	96
30) 1,1,1-Trichloroethane	7.867	97	8663	0.654	ug/L #	44
31) Carbon tetrachloride	8.063	117	11635	0.986	ug/L	99
33) Benzene	8.325	78	39787	1.257	ug/L	100

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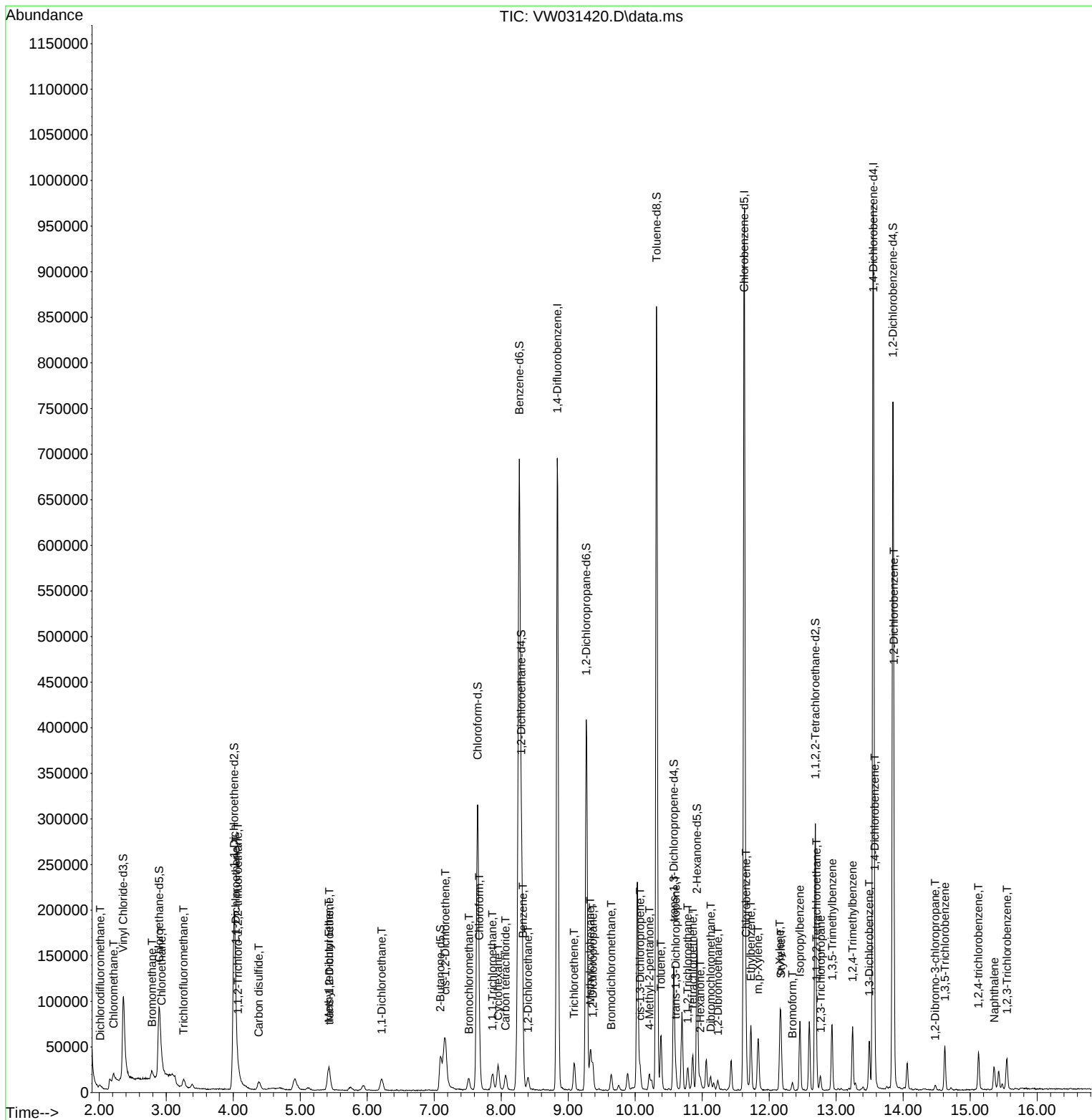
Instrument :
 MSVOA_W
 ClientSampleId :

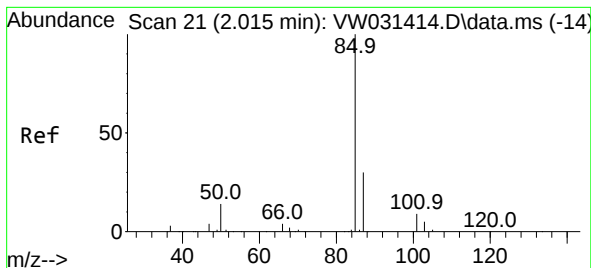
Quant Time: Dec 20 22:01:08 2024
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.087	95	10829	1.211	ug/L	84
35) Methylcyclohexane	9.331	83	17633	1.133	ug/L	95
37) 1,2-Dichloropropane	9.367	63	10422	1.319	ug/L	98
38) Bromodichloromethane	9.642	83	11866	1.156	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	13502	1.012	ug/L	99
40) 4-Methyl-2-pentanone	10.215	43	12786	3.051	ug/L	96
42) Toluene	10.385	91	42753	1.240	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	15534	1.425	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	7303	1.390	ug/L	90
46) Tetrachloroethene	10.861	164	7759	1.185	ug/L	86
48) 2-Hexanone	10.971	43	6523	1.830	ug/L	92
49) Dibromochloromethane	11.129	129	6798	1.092	ug/L	93
50) 1,2-Dibromoethane	11.233	107	6816	1.369	ug/L	75
51) Chlorobenzene	11.653	112	27220	1.259	ug/L	98
52) Ethylbenzene	11.727	91	47838	1.197	ug/L	97
53) m,p-Xylene	11.836	106	18085	1.189	ug/L	92
54) o-Xylene	12.159	106	17143	1.196	ug/L	97
55) Styrene	12.178	104	27859	1.168	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	8636	1.525	ug/L #	97
59) Bromoform	12.348	173	3133	0.913	ug/L	95
60) Isopropylbenzene	12.458	105	47565	1.190	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	6380	1.527	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	35418	1.045	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	35623	1.088	ug/L	95
64) 1,3-Dichlorobenzene	13.494	146	20554	1.270	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	20141	1.256	ug/L	96
67) 1,2-Dichlorobenzene	13.860	146	18962	1.359	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	1541	1.453	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	13561	1.196	ug/L	95
70) 1,2,4-trichlorobenzene	15.122	180	11846	1.256	ug/L	93
71) Naphthalene	15.360	128	21641	1.309	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	10790	1.420	ug/L	98

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

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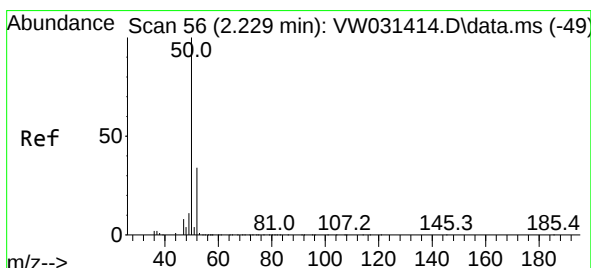
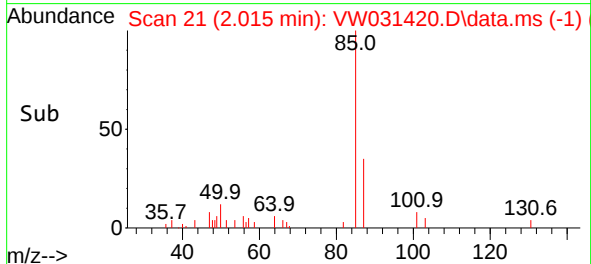
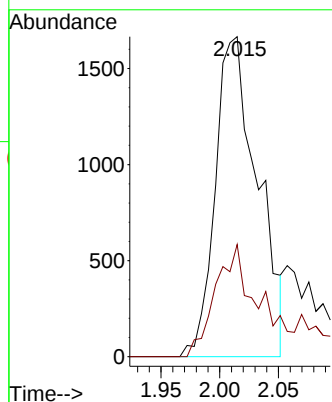
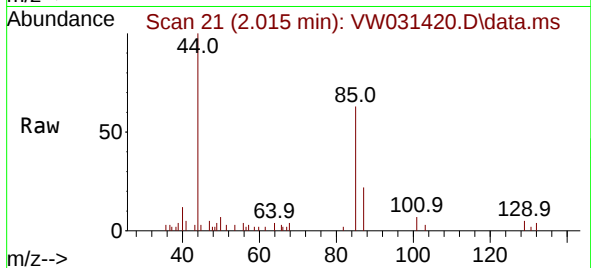




#2
Dichlorodifluoromethane
Concen: 0.813 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

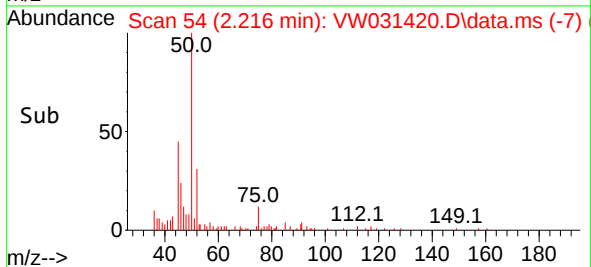
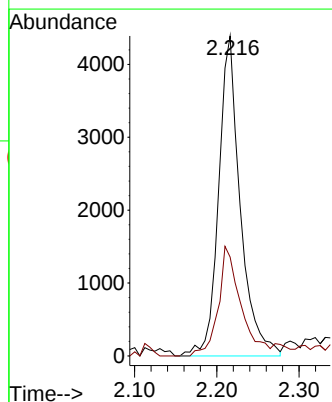
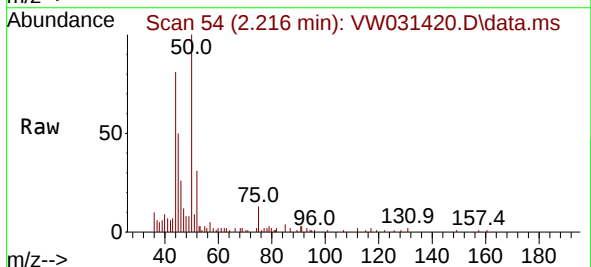
Instrument :
MSVOA_W
ClientSampleId :

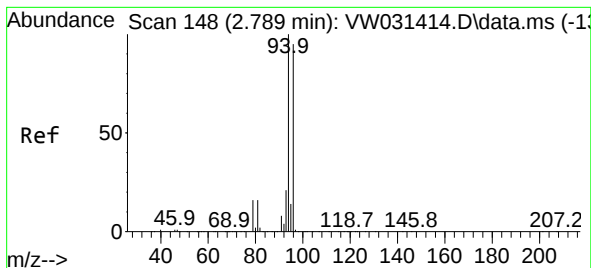
Tgt Ion: 85 Resp: 4159
Ion Ratio Lower Upper
85 100
87 27.6 24.9 37.3



#3
Chloromethane
Concen: 1.400 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.013 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 50 Resp: 8041
Ion Ratio Lower Upper
50 100
52 30.9 22.0 41.0





#6

Bromomethane

Concen: 1.365 ug/L

RT: 2.789 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

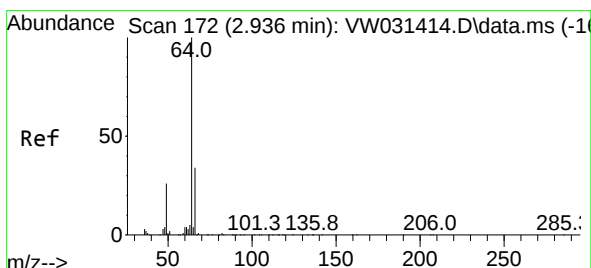
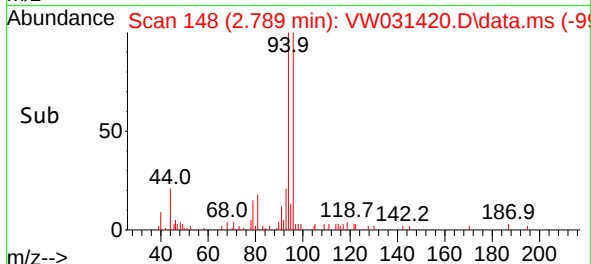
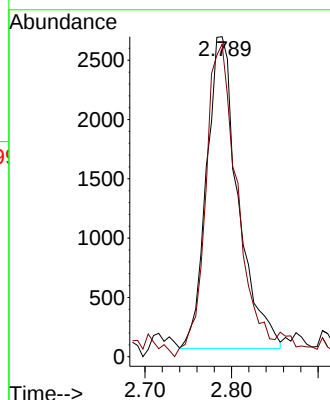
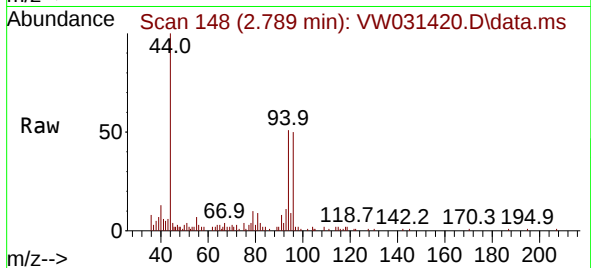
ClientSampleId :

Tgt Ion: 94 Resp: 6680

Ion Ratio Lower Upper

94 100

96 97.6 65.6 121.8



#8

Chloroethane

Concen: 1.457 ug/L

RT: 2.929 min Scan# 171

Delta R.T. -0.006 min

Lab File: VW031420.D

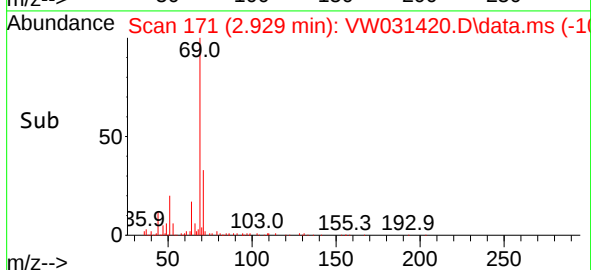
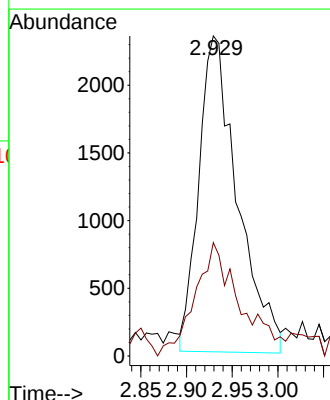
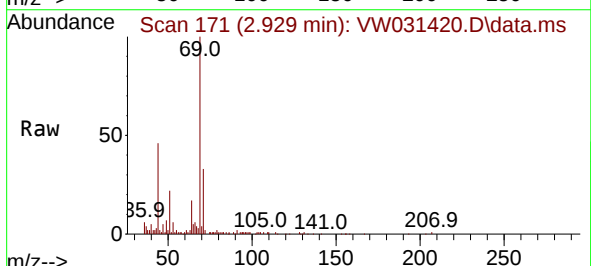
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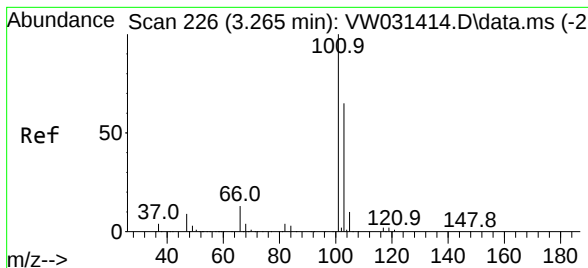
Tgt Ion: 64 Resp: 6900

Ion Ratio Lower Upper

64 100

66 35.4 22.7 42.3





#9

Trichlorofluoromethane

Concen: 1.170 ug/L

RT: 3.259 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

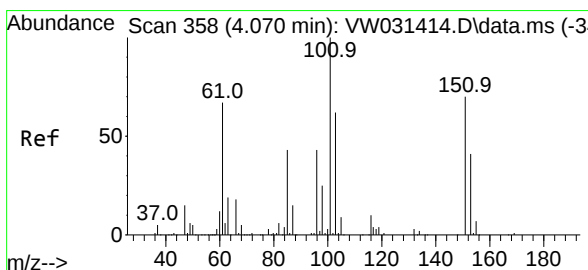
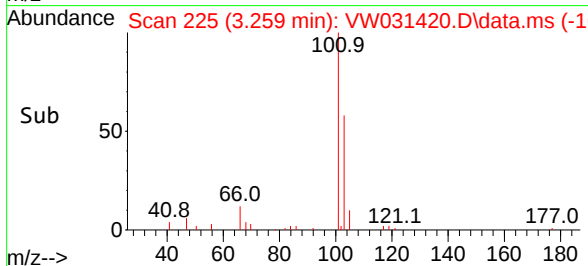
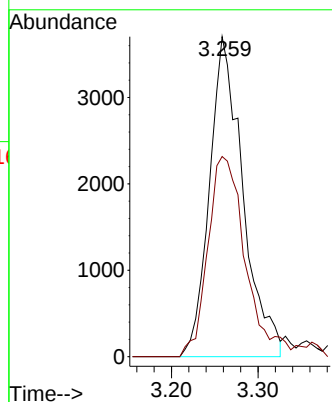
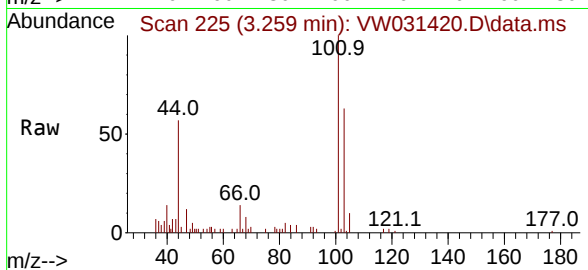
ClientSampleId :

Tgt Ion:101 Resp: 9921

Ion Ratio Lower Upper

101 100

103 67.3 51.6 77.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.061 ug/L

RT: 4.069 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

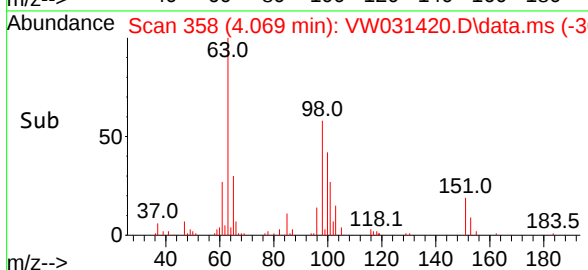
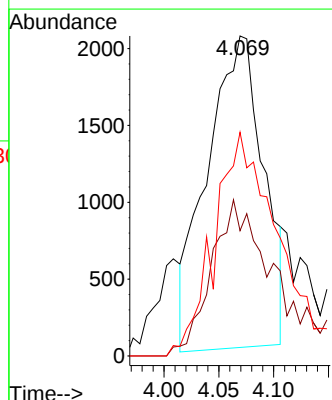
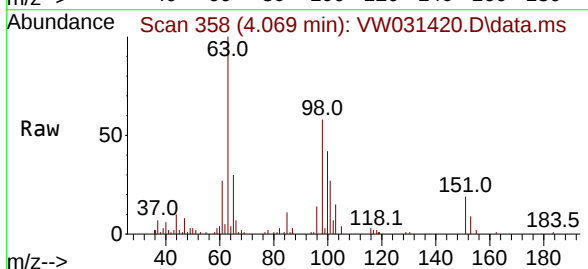
Tgt Ion:101 Resp: 7263

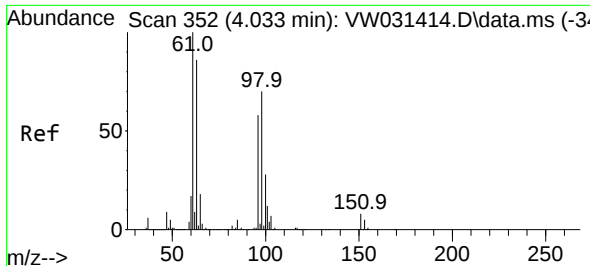
Ion Ratio Lower Upper

101 100

85 36.8 33.0 49.4

151 52.3 54.8 82.2#





#12

1,1-Dichloroethene

Concen: 1.365 ug/L

RT: 4.039 min Scan# 352

Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

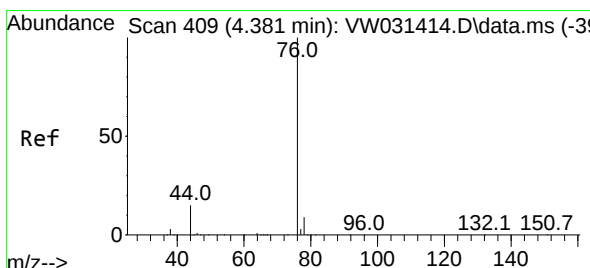
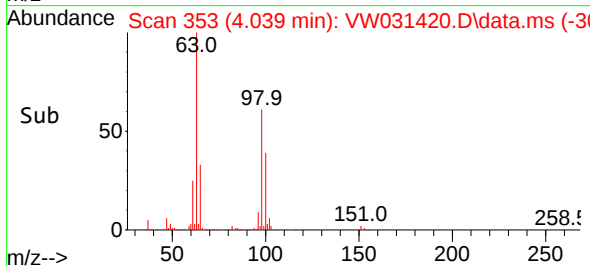
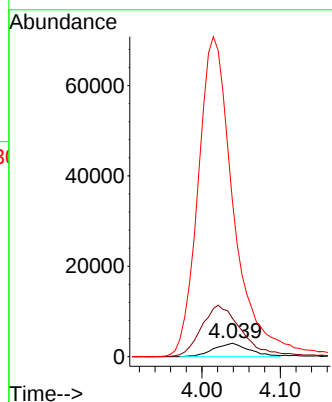
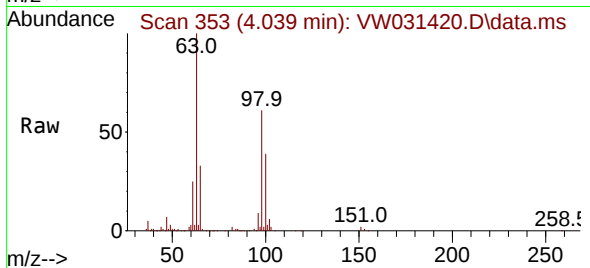
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 96 Resp: 9470

Ion	Ratio	Lower	Upper
96	100		
61	284.8	125.3	232.7#
63	1157.2	104.6	194.2#



#14

Carbon disulfide

Concen: 0.943 ug/L

RT: 4.380 min Scan# 409

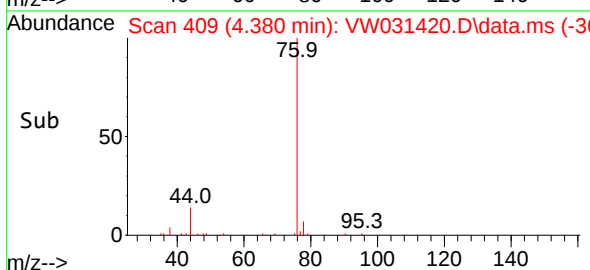
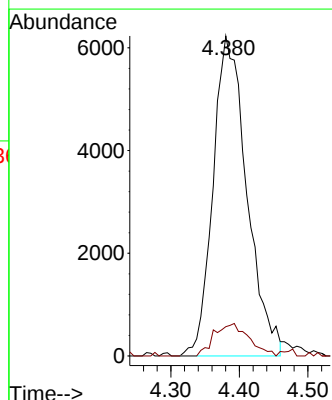
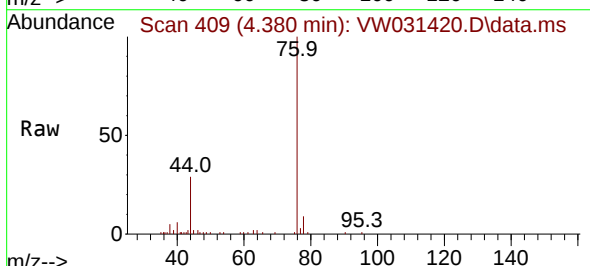
Delta R.T. -0.000 min

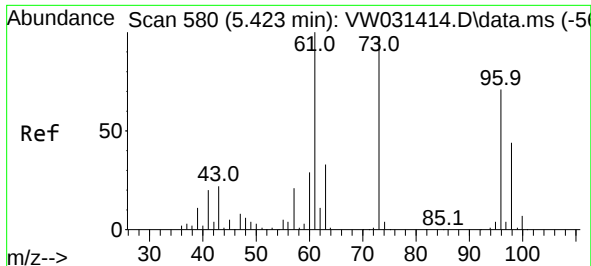
Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Tgt Ion: 76 Resp: 21323

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9





#17

trans-1,2-Dichloroethene

Concen: 1.223 ug/L

RT: 5.435 min Scan# 580

Delta R.T. 0.012 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

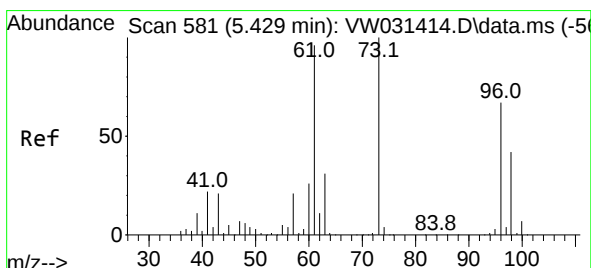
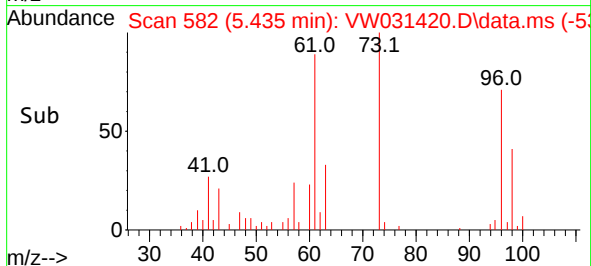
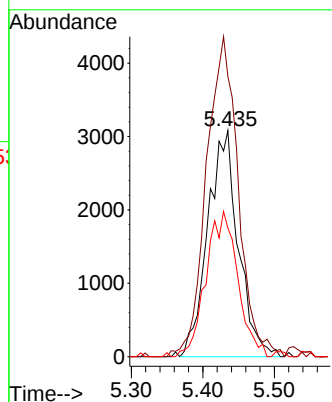
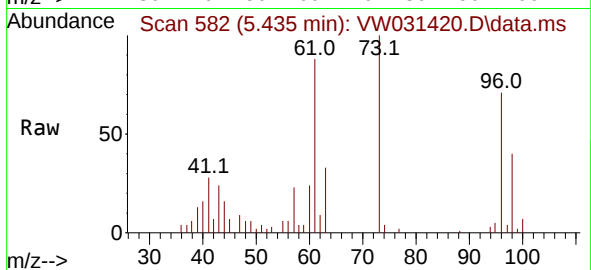
Tgt Ion: 96 Resp: 9142

Ion Ratio Lower Upper

96 100

61 123.9 100.7 187.1

98 56.8 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 1.319 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

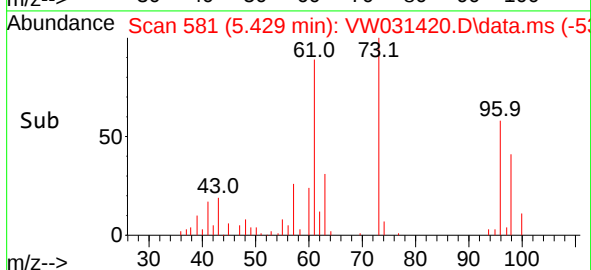
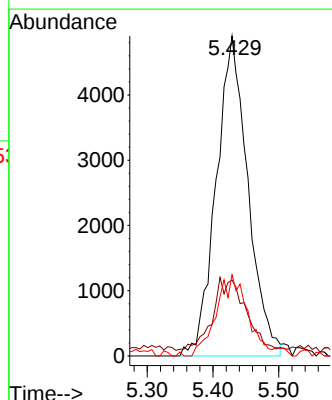
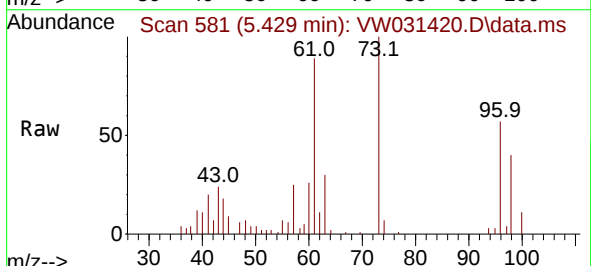
Tgt Ion: 73 Resp: 16489

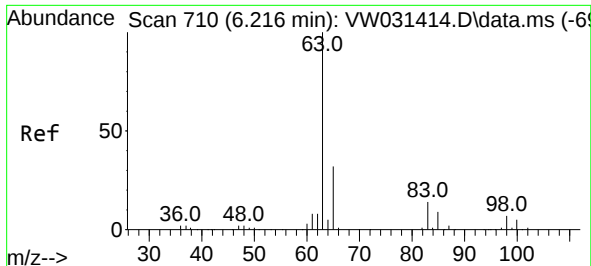
Ion Ratio Lower Upper

73 100

43 11.8 17.9 26.9#

57 0.9 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 1.269 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

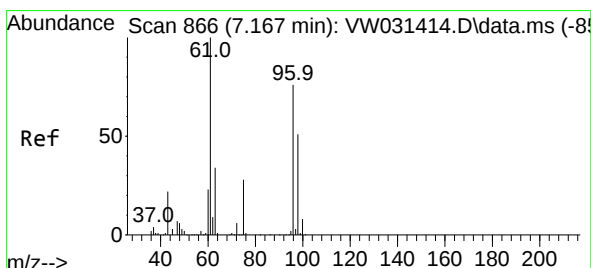
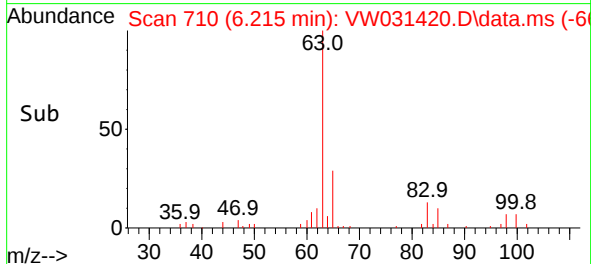
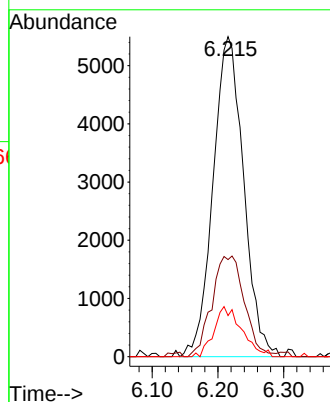
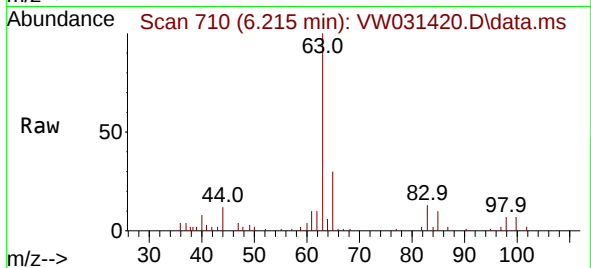
Tgt Ion: 63 Resp: 17727

Ion Ratio Lower Upper

63 100

65 30.4 21.9 40.7

83 12.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 1.282 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

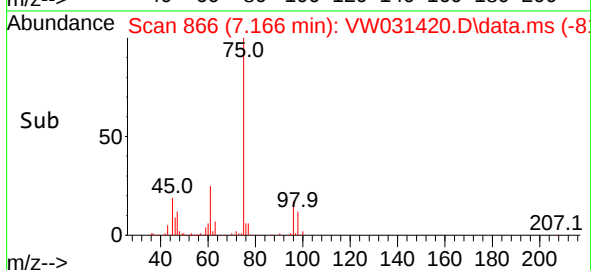
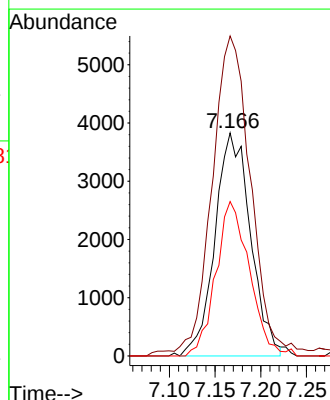
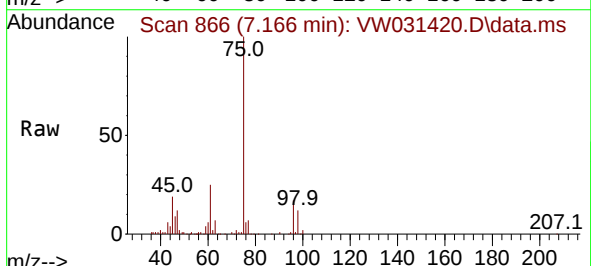
Tgt Ion: 96 Resp: 10367

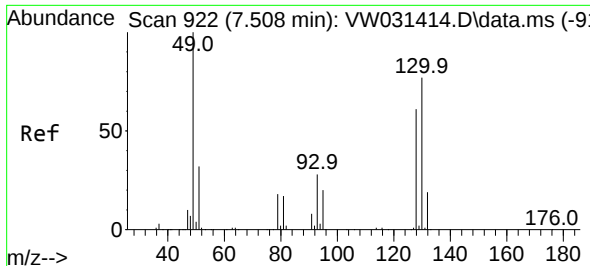
Ion Ratio Lower Upper

96 100

61 143.5 92.2 171.2

98 69.2 43.7 81.1

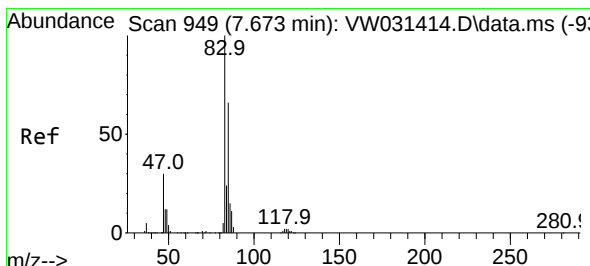
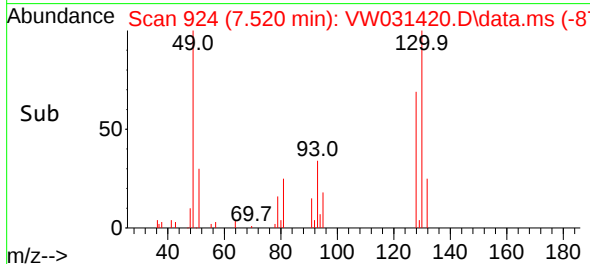
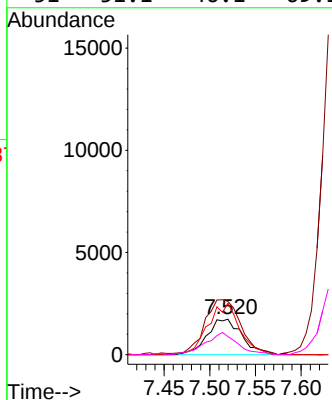
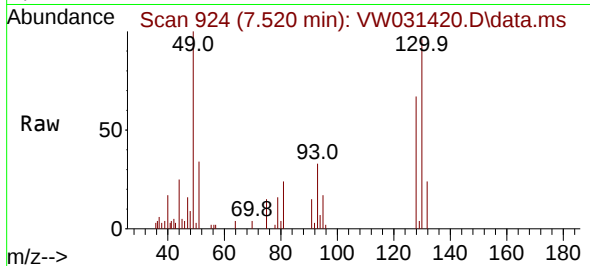




#23
Bromochloromethane
Concen: 1.422 ug/L
RT: 7.520 min Scan# 912
Delta R.T. 0.012 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

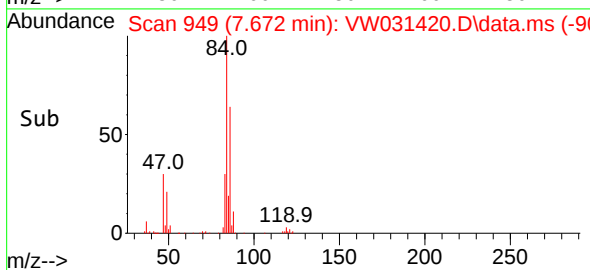
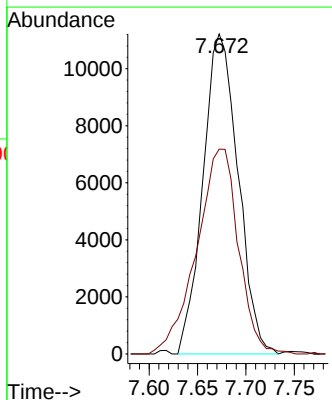
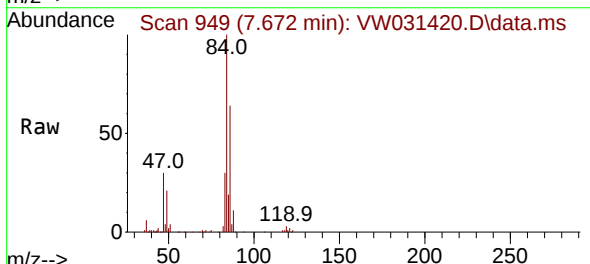
Instrument :
MSVOA_W
ClientSampleId :

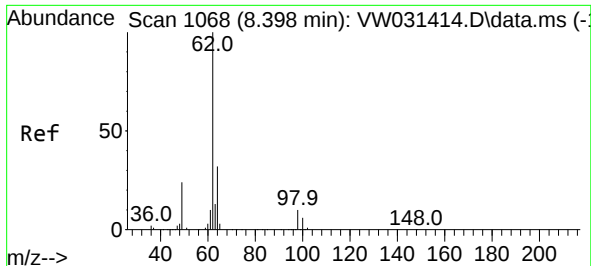
Tgt Ion:	128	Resp:	4589
Ion	Ratio	Lower	Upper
128	100		
49	150.1	123.7	229.7
130	144.6	90.3	167.7
51	51.1	46.1	69.1



#25
Chloroform
Concen: 2.054 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:	83	Resp:	28326
Ion	Ratio	Lower	Upper
83	100		
85	64.0	46.1	85.5





#27

1,2-Dichloroethane

Concen: 1.423 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

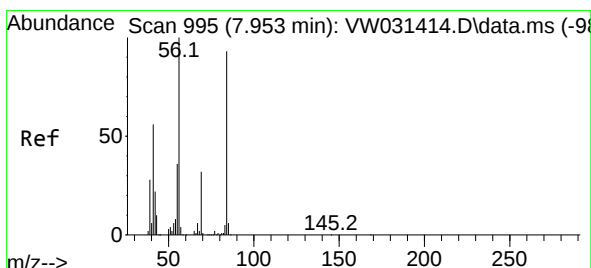
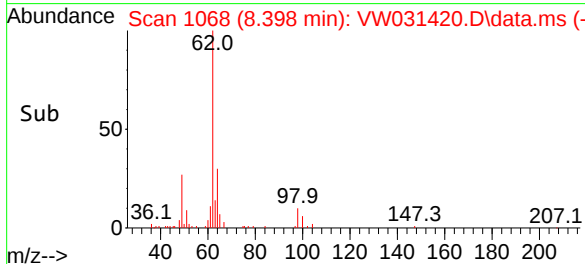
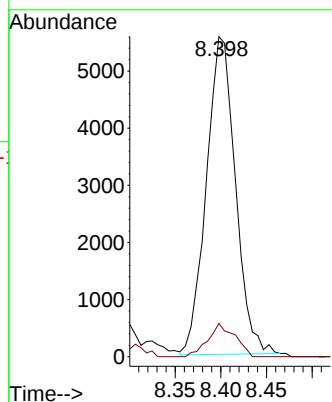
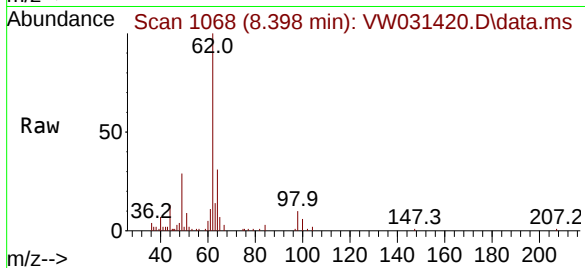
ClientSampleId :

Tgt Ion: 62 Resp: 12338

Ion Ratio Lower Upper

62 100

98 10.4 7.2 10.8



#29

Cyclohexane

Concen: 1.035 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

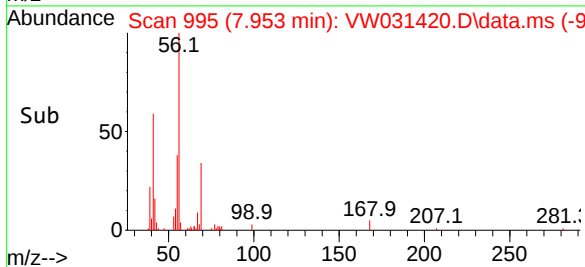
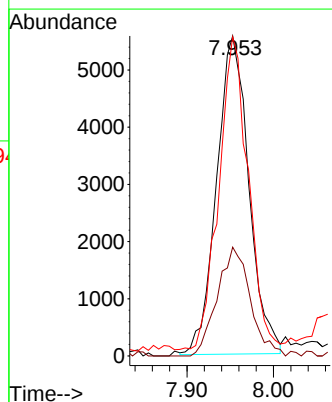
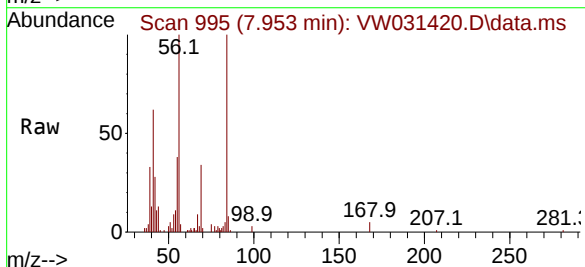
Tgt Ion: 56 Resp: 14387

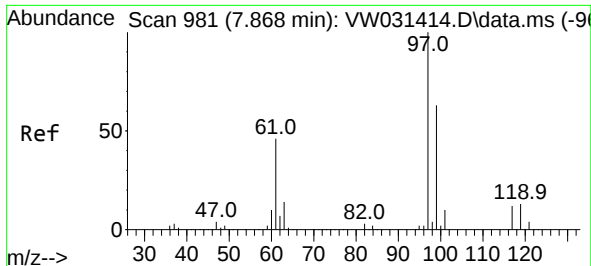
Ion Ratio Lower Upper

56 100

69 34.9 25.0 37.4

84 88.8 68.9 103.3

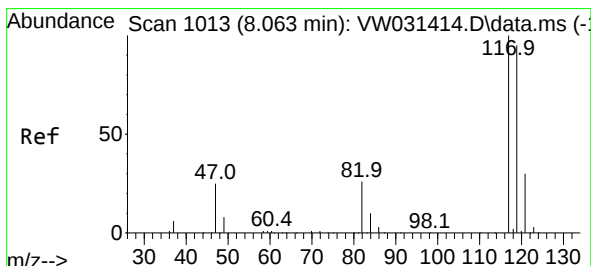
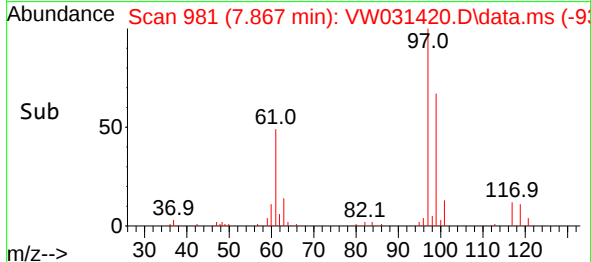
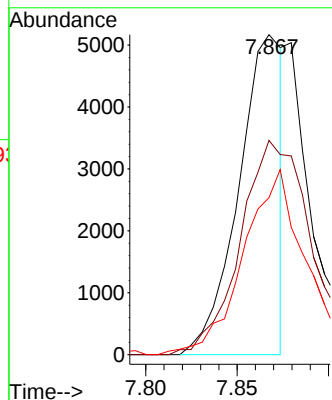
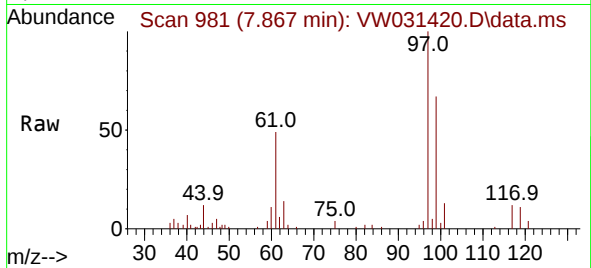




#30
1,1,1-Trichloroethane
Concen: 0.654 ug/L
RT: 7.867 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

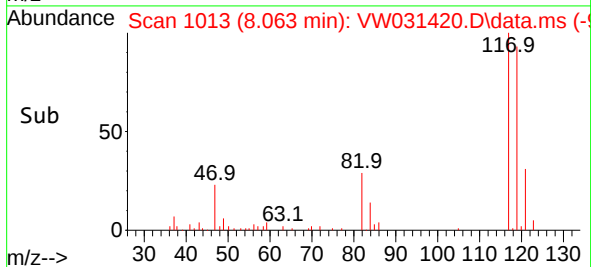
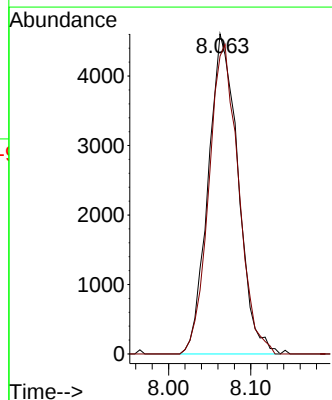
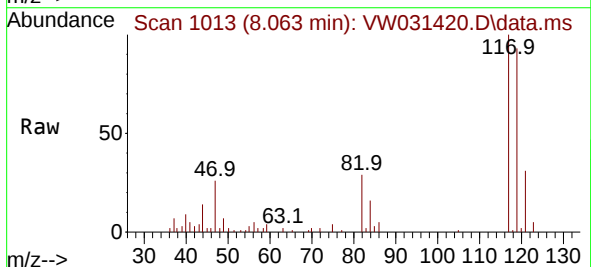
Instrument :
MSVOA_W
ClientSampleId :

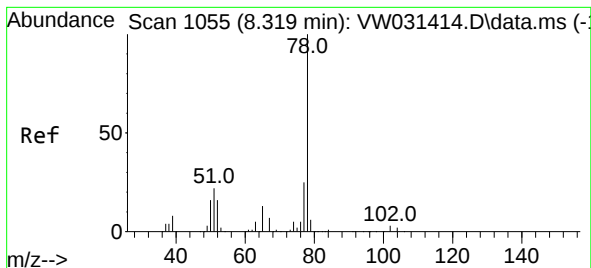
Tgt Ion: 97 Resp: 8663
Ion Ratio Lower Upper
97 100
99 107.5 51.1 76.7#
61 82.0 36.3 54.5#



#31
Carbon tetrachloride
Concen: 0.986 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 117 Resp: 11635
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0





#33

Benzene

Concen: 1.257 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW031420.D

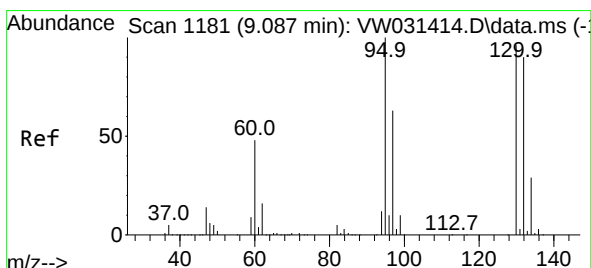
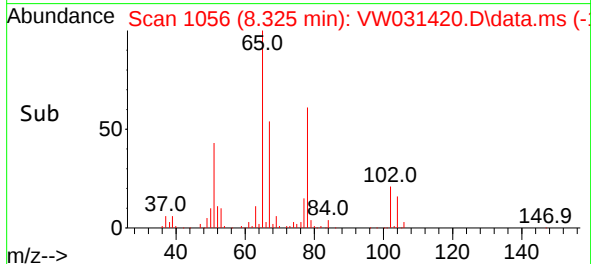
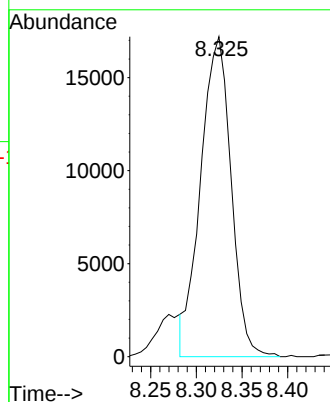
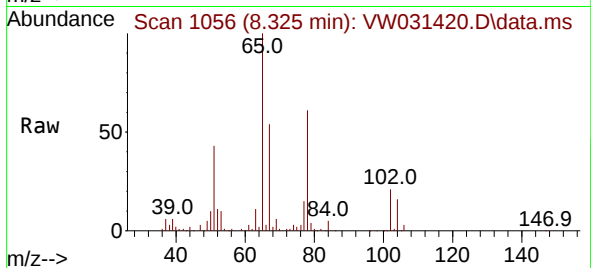
Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 39787



#34

Trichloroethene

Concen: 1.211 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Tgt Ion: 95 Resp: 10829

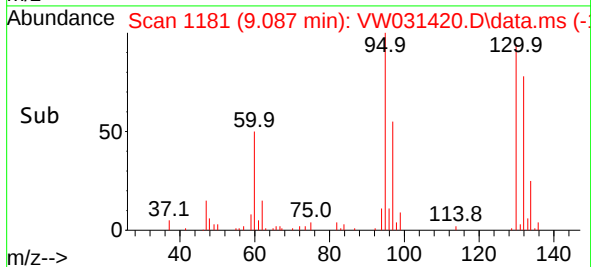
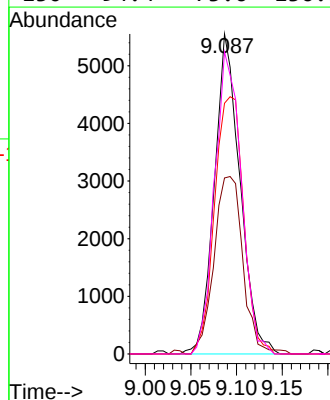
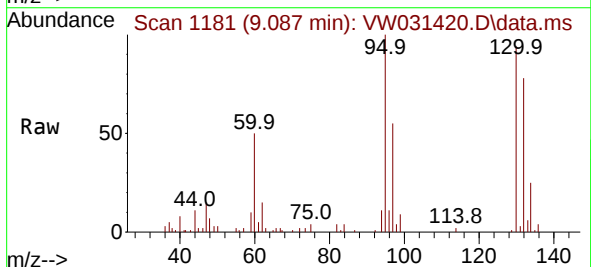
Ion Ratio Lower Upper

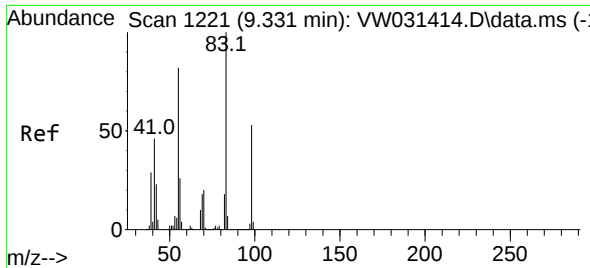
95 100

97 55.0 46.5 86.3

132 78.3 70.3 130.5

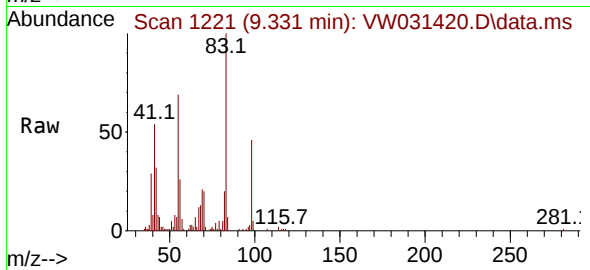
130 94.4 73.6 136.8



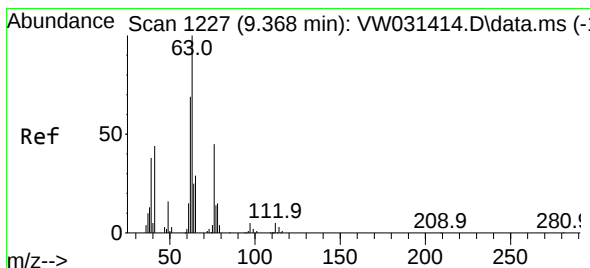
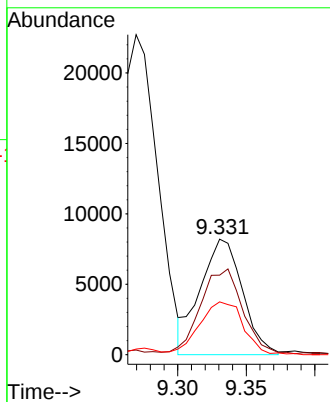
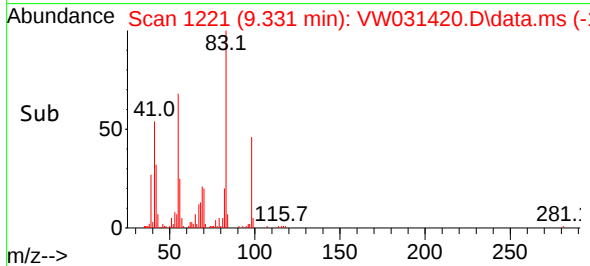


#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :

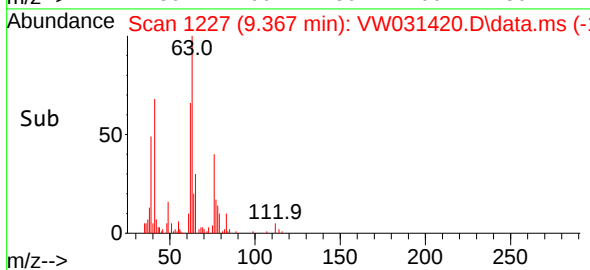
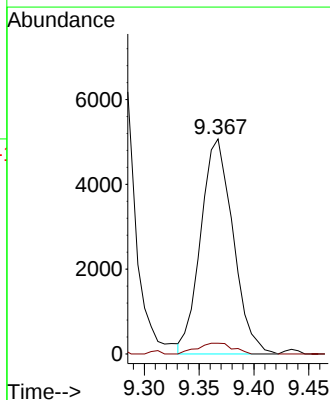
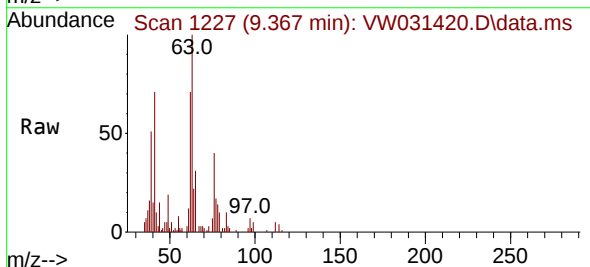


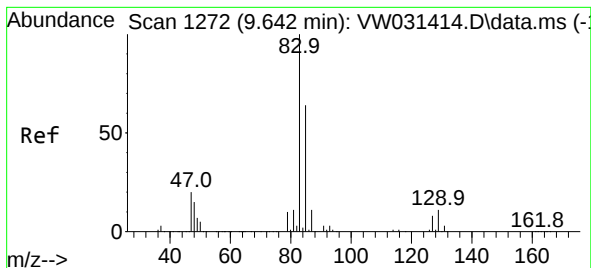
Tgt Ion:	83	Resp:	17633
Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.6	93.8
98	45.6	39.8	59.6



#37
1,2-Dichloropropane
Concen: 1.319 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:	63	Resp:	10422
Ion	Ratio	Lower	Upper
63	100		
112	5.5	3.8	5.8





#38

Bromodichloromethane

Concen: 1.156 ug/L

RT: 9.642 min Scan# 11

Delta R.T. -0.000 min

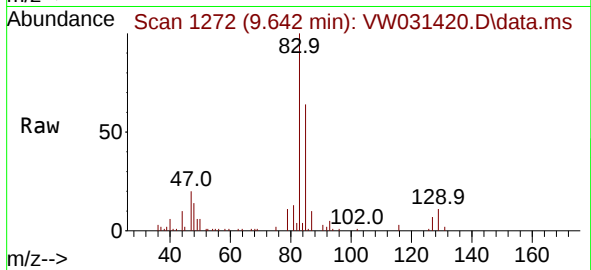
Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :



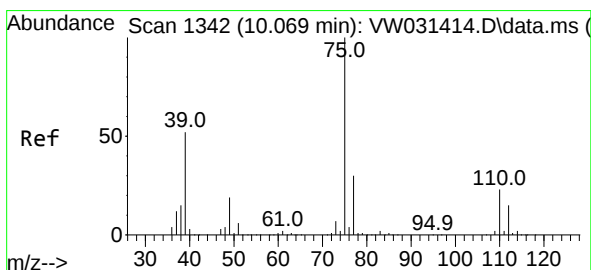
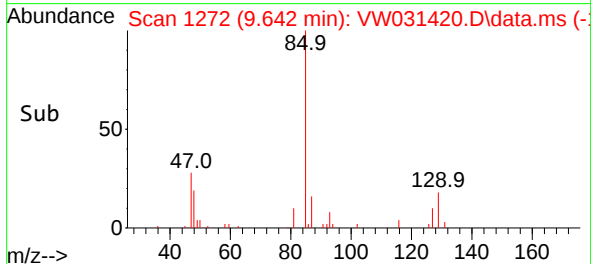
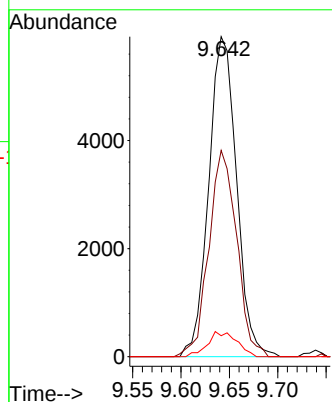
Tgt Ion: 83 Resp: 11866

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.5

127 6.6 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW031420.D

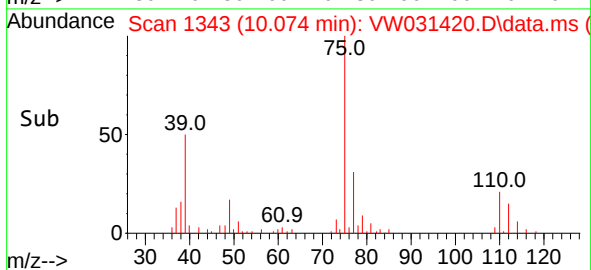
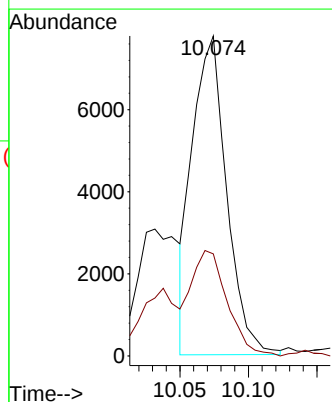
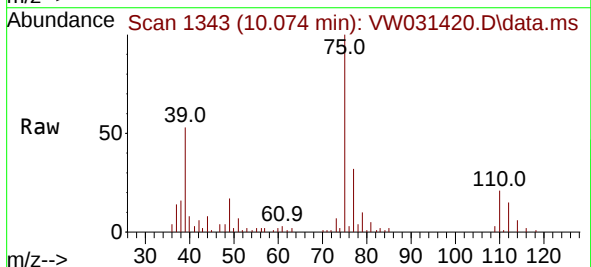
Acq: 20 Dec 2024 12:12

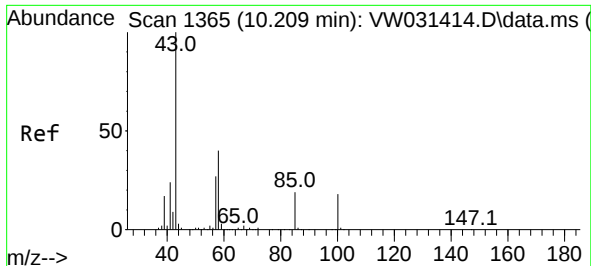
Tgt Ion: 75 Resp: 13502

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 3.051 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

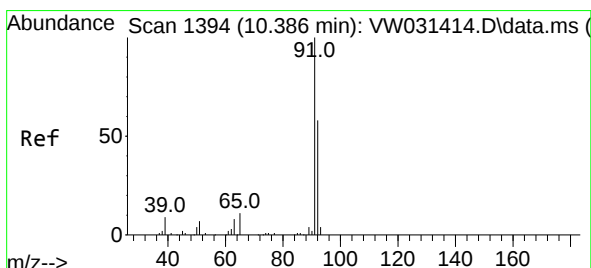
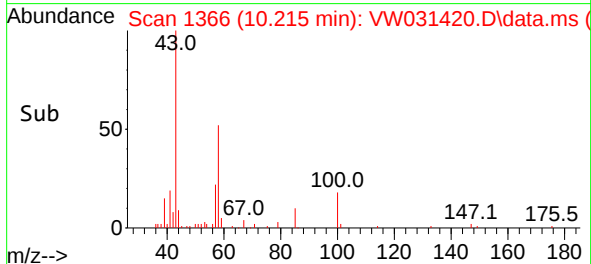
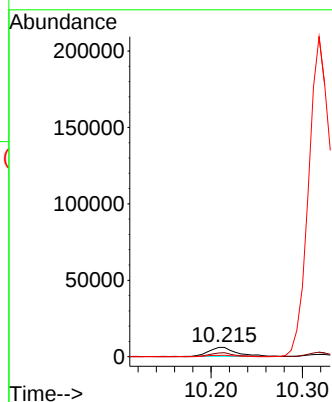
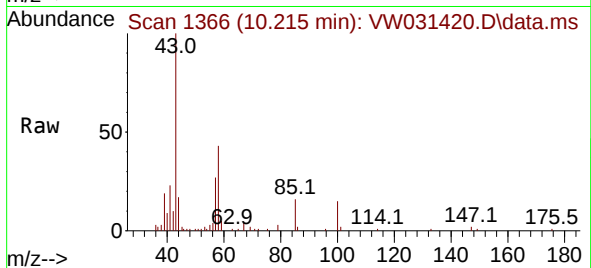
Tgt Ion: 43 Resp: 12786

Ion Ratio Lower Upper

43 100

58 41.3 31.1 46.7

100 15.1 13.0 19.6



#42

Toluene

Concen: 1.240 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031420.D

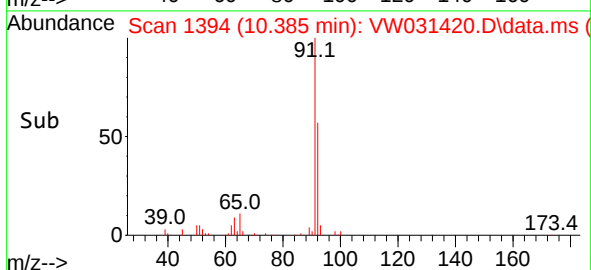
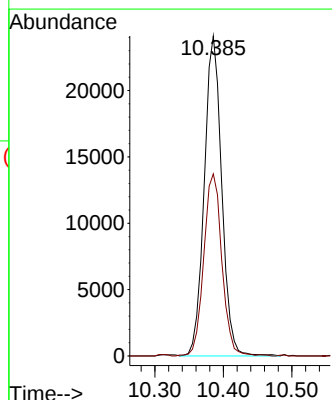
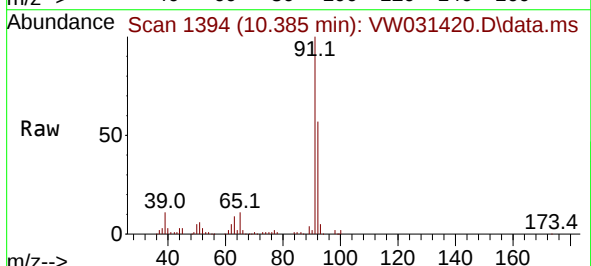
Acq: 20 Dec 2024 12:12

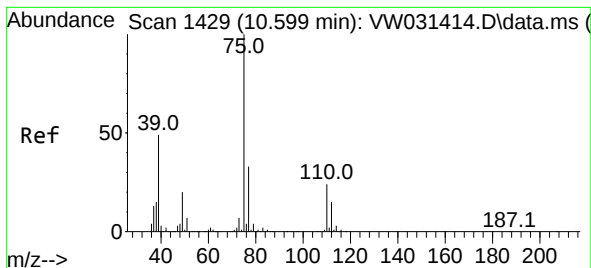
Tgt Ion: 91 Resp: 42753

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 1.425 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

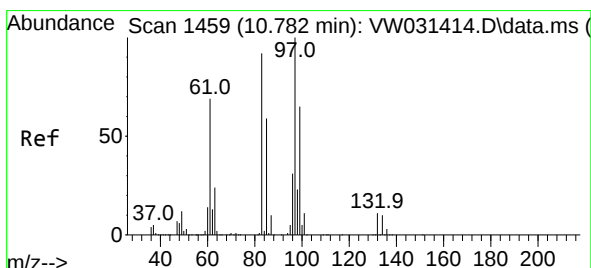
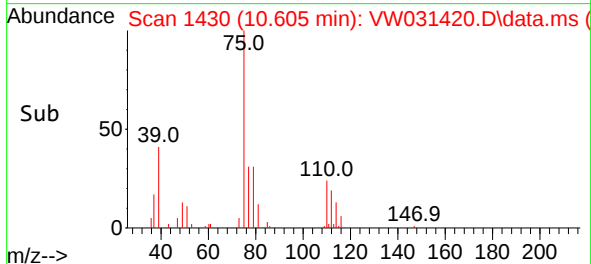
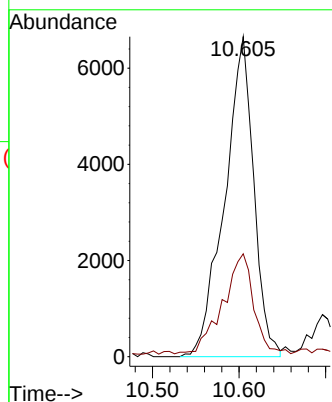
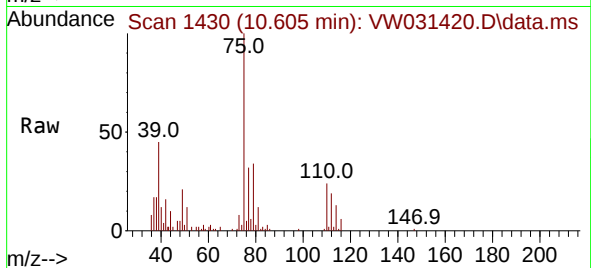
ClientSampleId :

Tgt Ion: 75 Resp: 15534

Ion Ratio Lower Upper

75 100

77 32.2 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 1.390 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Tgt Ion: 97 Resp: 7303

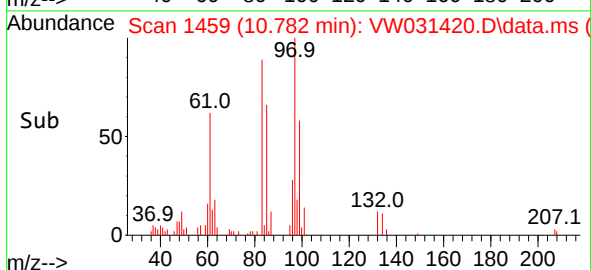
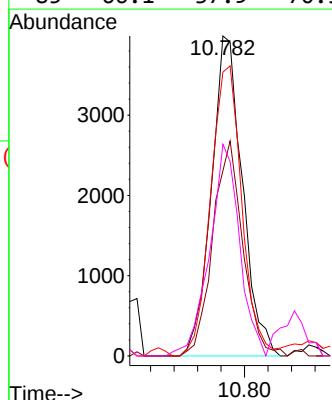
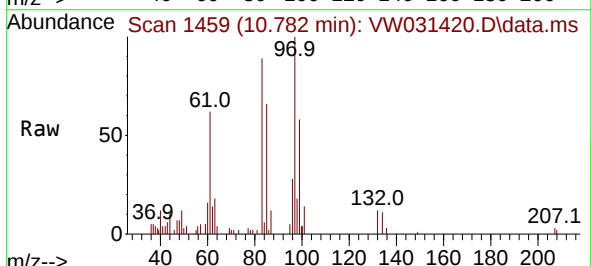
Ion Ratio Lower Upper

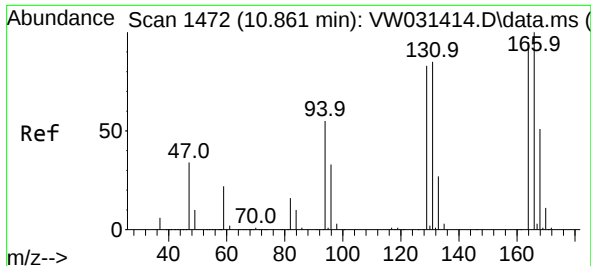
97 100

99 57.8 43.0 80.0

83 88.7 56.4 104.7

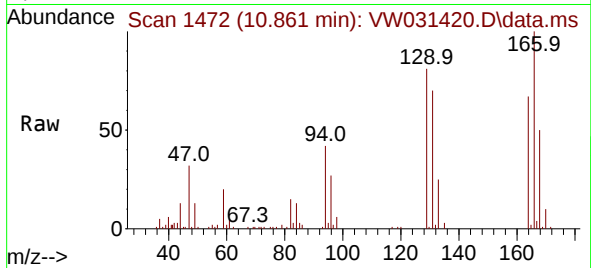
85 66.1 37.9 70.3





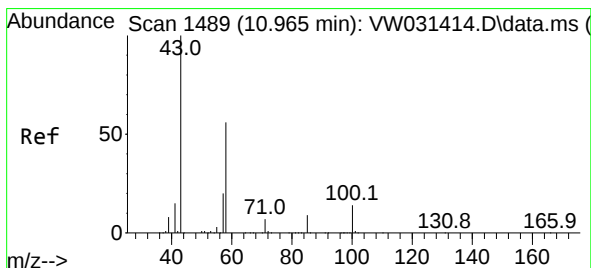
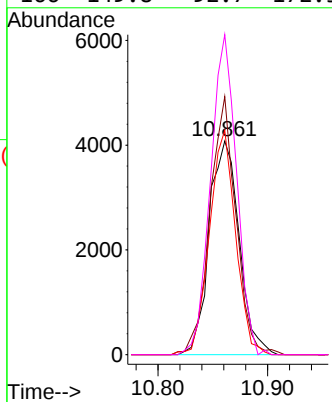
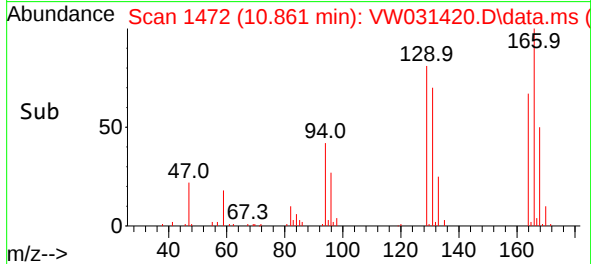
#46
Tetrachloroethene
Concen: 1.185 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :

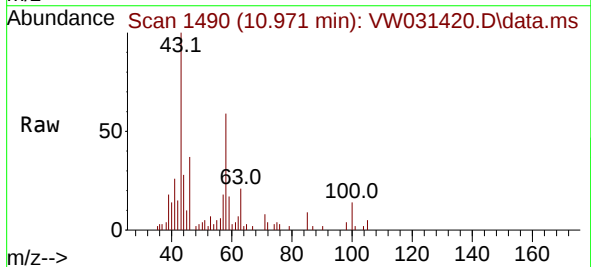


Tgt Ion:164 Resp: 7759

Ion	Ratio	Lower	Upper
164	100		
129	122.7	73.5	136.5
131	105.1	66.6	123.8
166	149.8	92.7	172.3

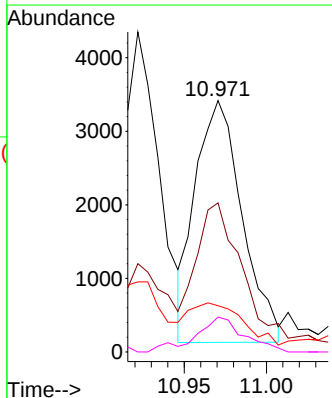
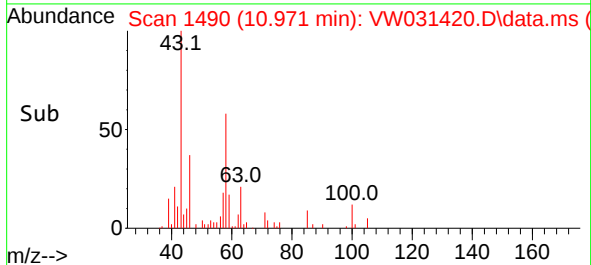


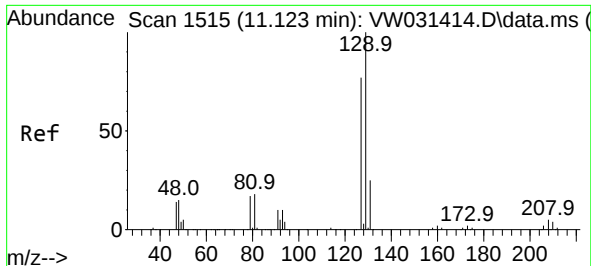
#48
2-Hexanone
Concen: 1.830 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12



Tgt Ion: 43 Resp: 6523

Ion	Ratio	Lower	Upper
43	100		
58	60.5	43.0	64.6
57	23.2	15.7	23.5
100	13.3	10.3	15.5





#49

Dibromochloromethane

Concen: 1.092 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

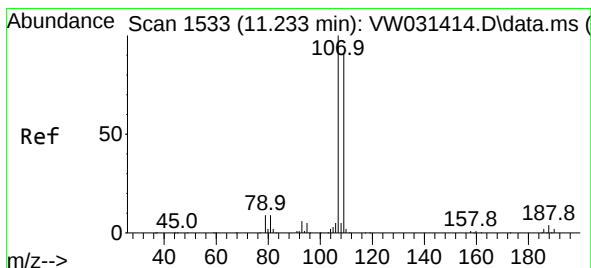
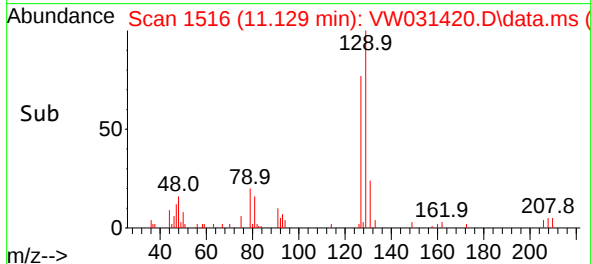
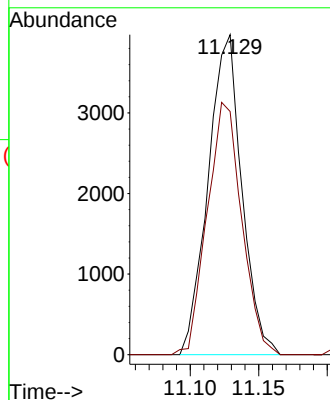
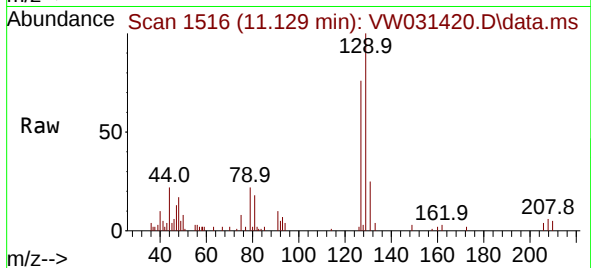
ClientSampleId :

Tgt Ion:129 Resp: 6798

Ion Ratio Lower Upper

129 100

127 76.0 57.6 107.0



#50

1,2-Dibromoethane

Concen: 1.369 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

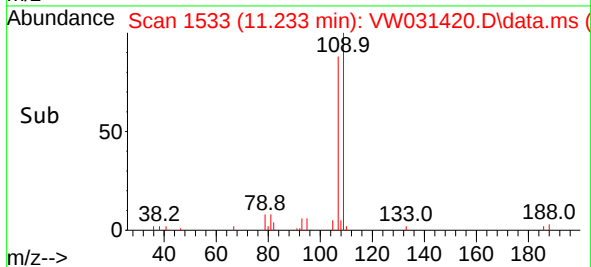
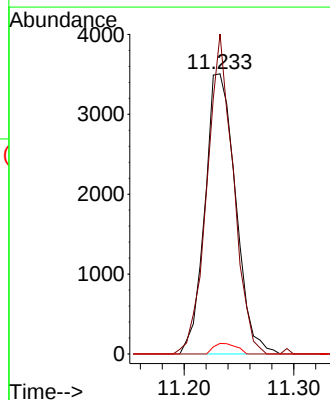
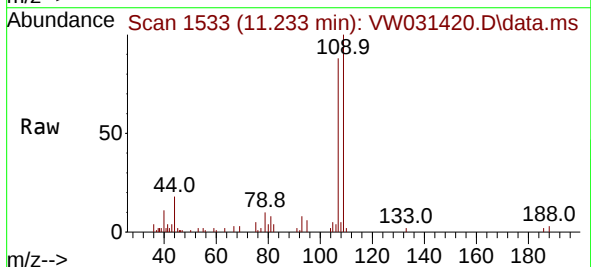
Tgt Ion:107 Resp: 6816

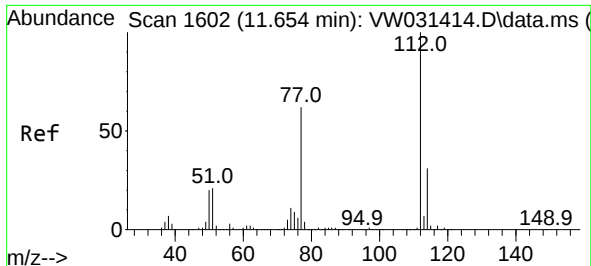
Ion Ratio Lower Upper

107 100

109 114.2 63.2 117.4

188 3.8 2.6 4.0

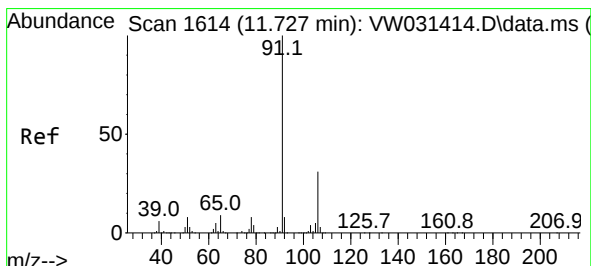
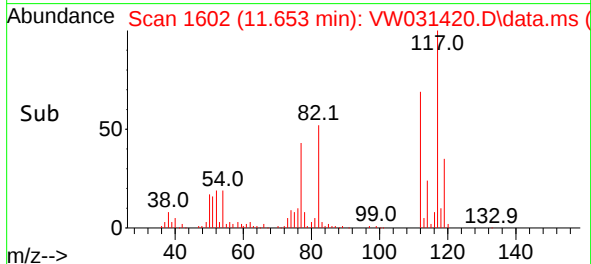
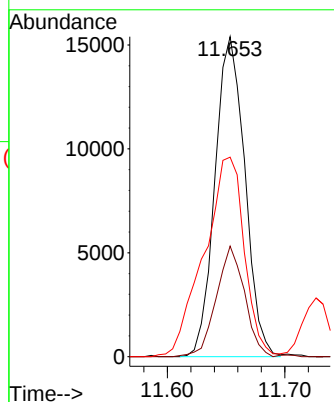
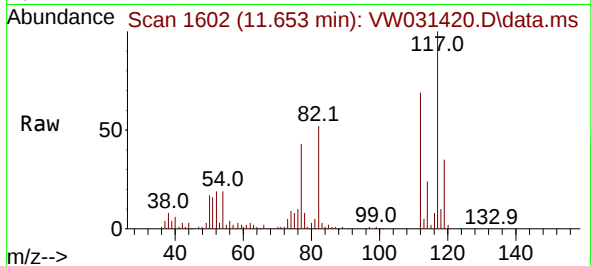




#51
Chlorobenzene
Concen: 1.259 ug/L
RT: 11.653 min Scan# 11602
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

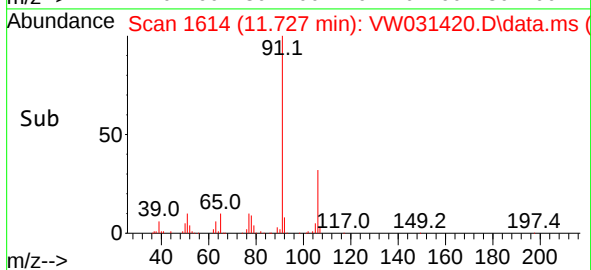
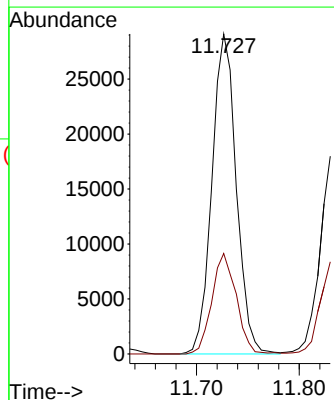
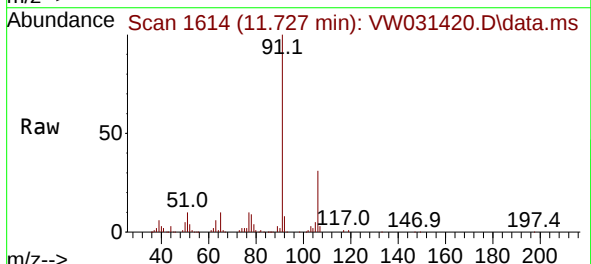
Instrument :
MSVOA_W
ClientSampleId :

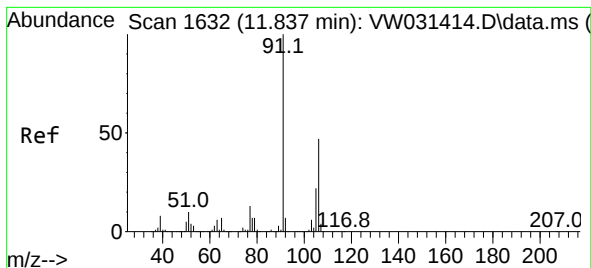
Tgt Ion:112	Resp:	27220
Ion	Ratio	Lower Upper
112	100	
114	34.6	22.7 42.3
77	62.3	50.2 75.4



#52
Ethylbenzene
Concen: 1.197 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion: 91	Resp:	47838
Ion	Ratio	Lower Upper
91	100	
106	31.4	20.7 38.5

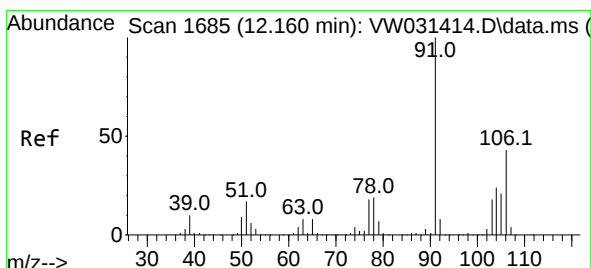
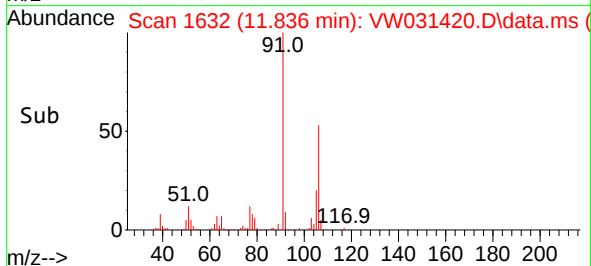
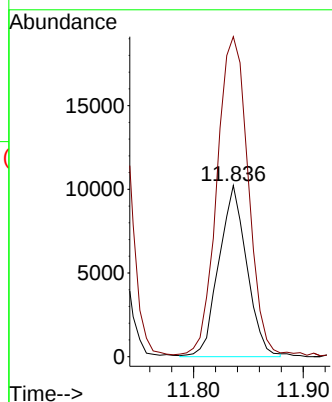
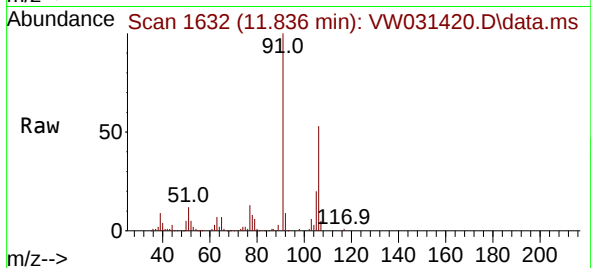




#53
m,p-Xylene
Concen: 1.189 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

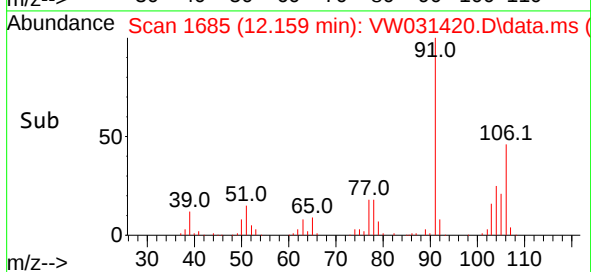
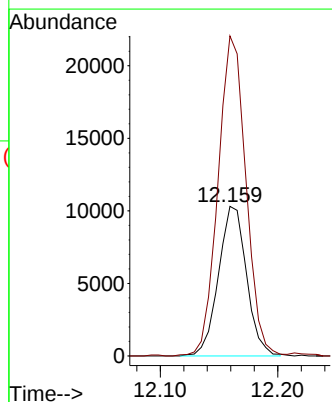
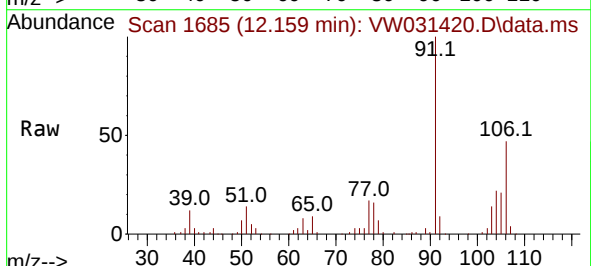
Instrument :
MSVOA_W
ClientSampleId :

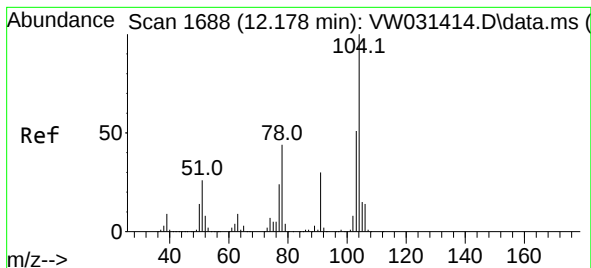
Tgt Ion:106 Resp: 18085
Ion Ratio Lower Upper
106 100
91 187.0 139.9 259.7



#54
o-Xylene
Concen: 1.196 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:106 Resp: 17143
Ion Ratio Lower Upper
106 100
91 213.9 153.1 284.3





#55

Styrene

Concen: 1.168 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

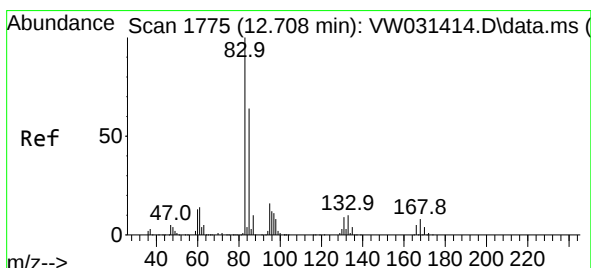
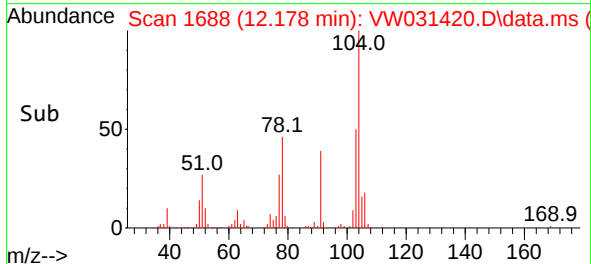
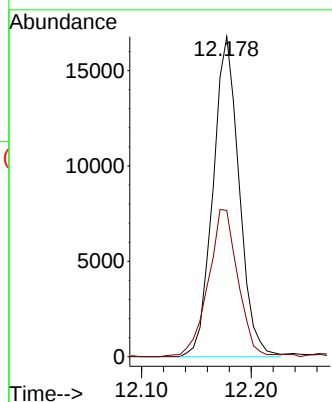
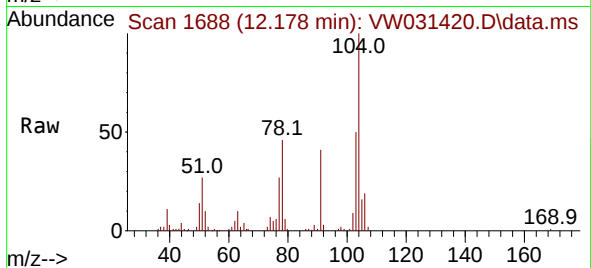
ClientSampleId :

Tgt Ion:104 Resp: 27859

Ion Ratio Lower Upper

104 100

78 45.7 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 1.525 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

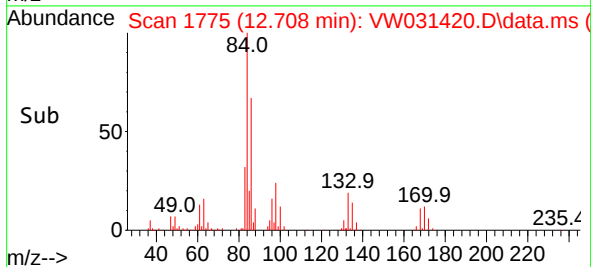
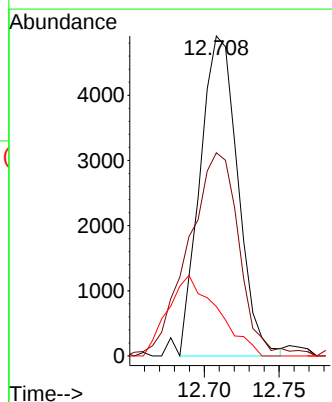
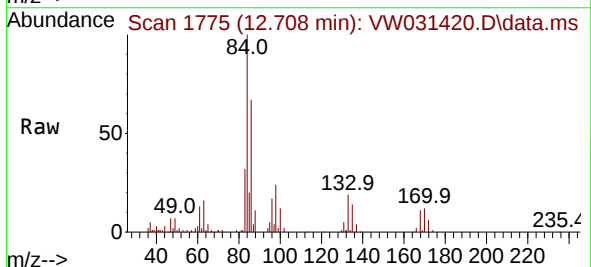
Tgt Ion: 83 Resp: 8636

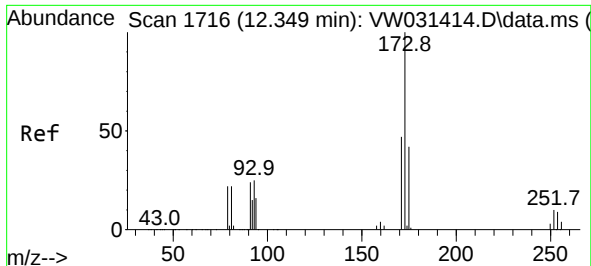
Ion Ratio Lower Upper

83 100

85 63.5 44.1 81.9

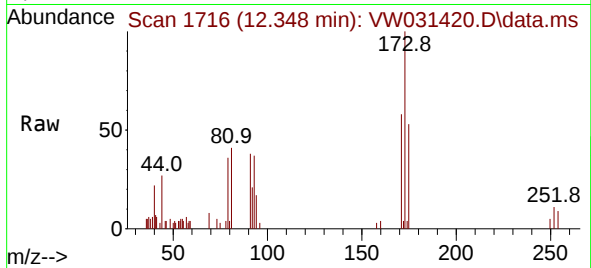
131 15.5 7.9 11.9#



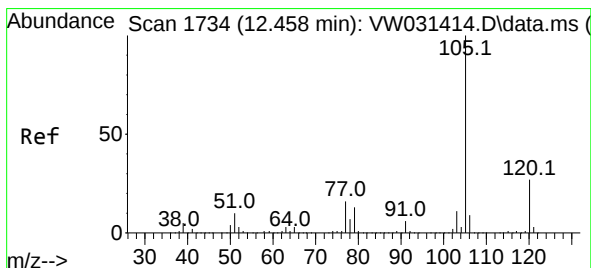
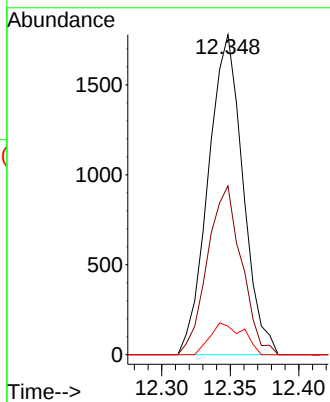
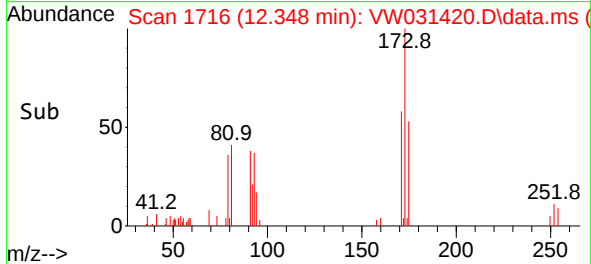


#59
Bromoform
Concen: 0.913 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :

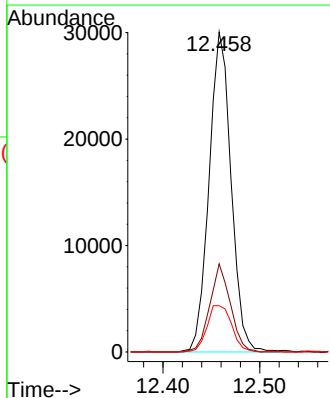
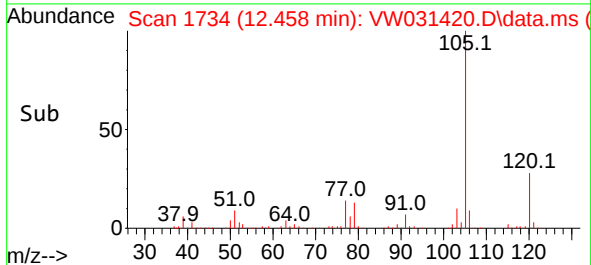
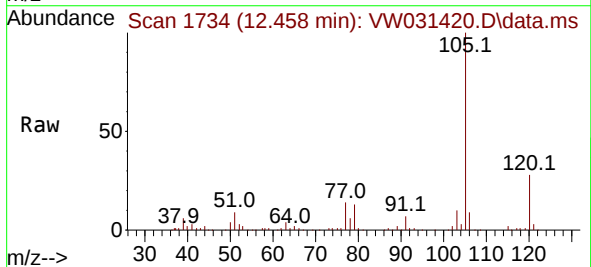


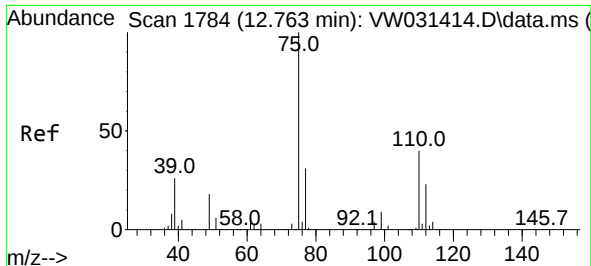
Tgt Ion:173 Resp: 3133
Ion Ratio Lower Upper
173 100
175 52.0 38.6 57.8
254 9.5 7.6 11.4



#60
Isopropylbenzene
Concen: 1.190 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:105 Resp: 47565
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.3 12.8 19.2

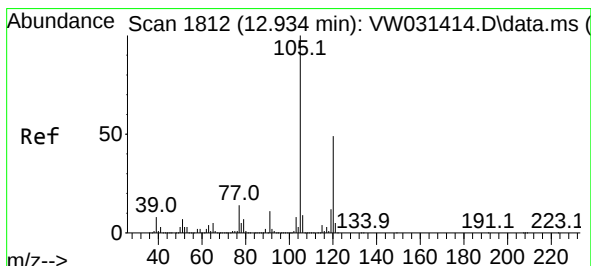
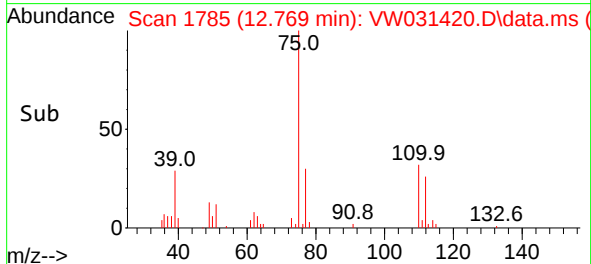
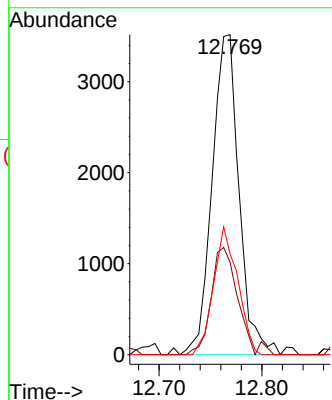
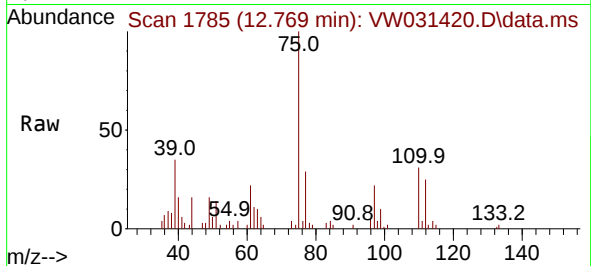




#61
1,2,3-Trichloropropane
Concen: 1.527 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

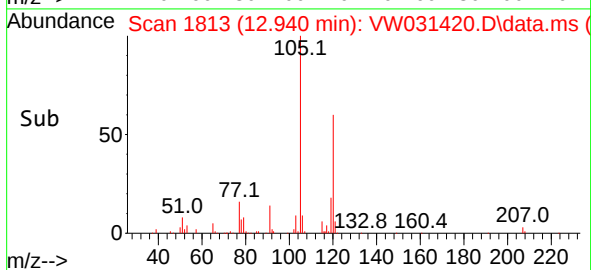
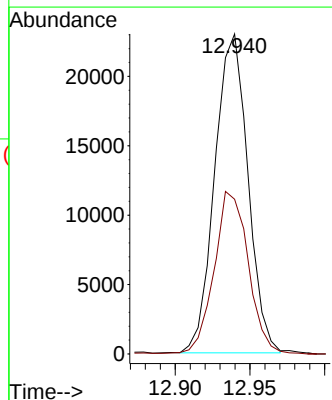
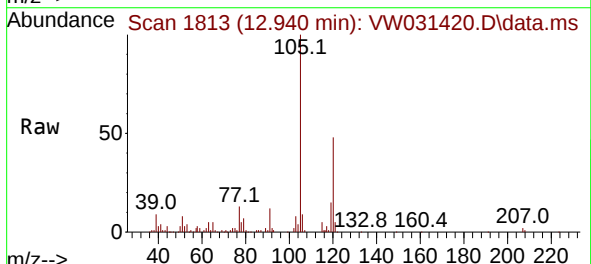
Instrument :
MSVOA_W
ClientSampleId :

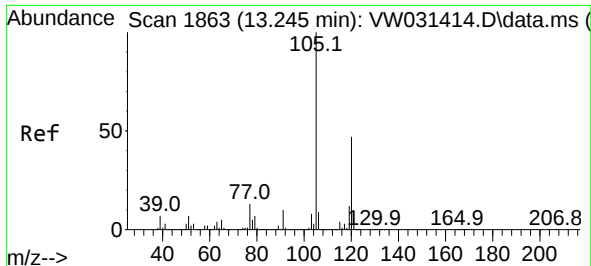
Tgt Ion:	75	Resp:	6380
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.3	37.9
110	36.0	31.2	46.8



#62
1,3,5-Trimethylbenzene
Concen: 1.045 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:	105	Resp:	35418
Ion	Ratio	Lower	Upper
105	100		
120	52.5	37.3	55.9

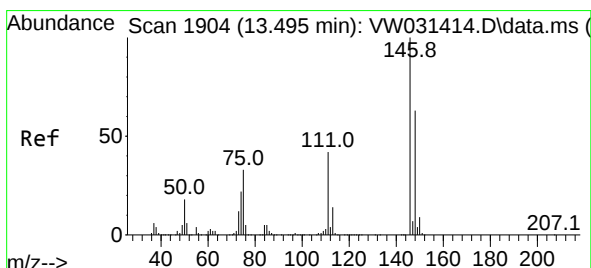
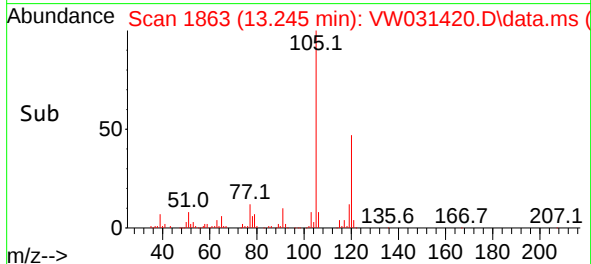
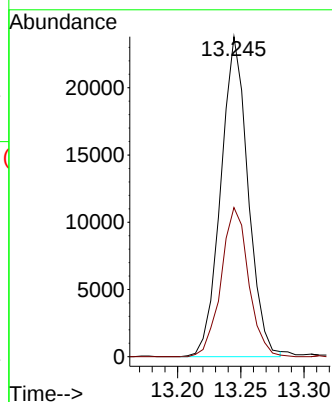
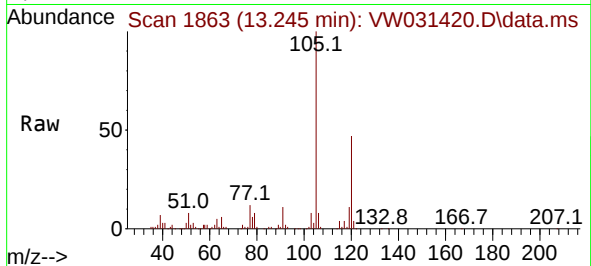




#63
1,2,4-Trimethylbenzene
Concen: 1.088 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

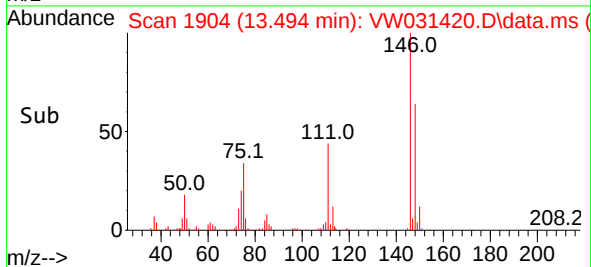
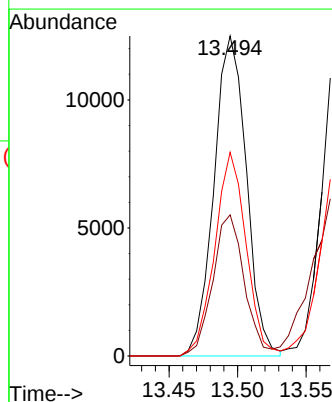
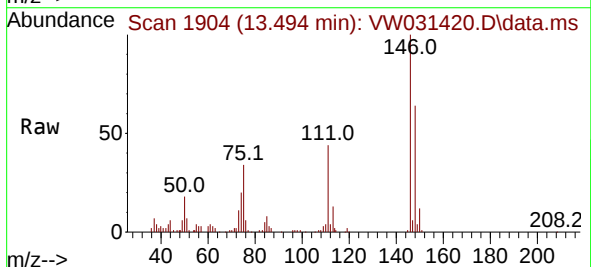
Instrument :
MSVOA_W
ClientSampleId :

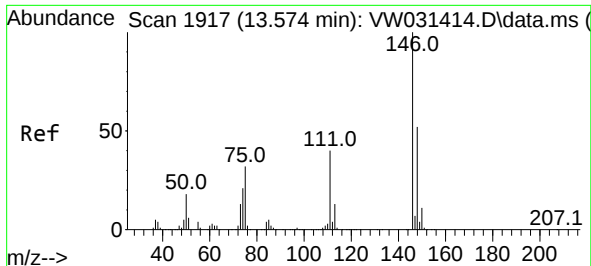
Tgt Ion:105 Resp: 35623
Ion Ratio Lower Upper
105 100
120 46.9 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 1.270 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

Tgt Ion:146 Resp: 20554
Ion Ratio Lower Upper
146 100
111 44.1 27.6 51.2
148 63.6 41.0 76.2

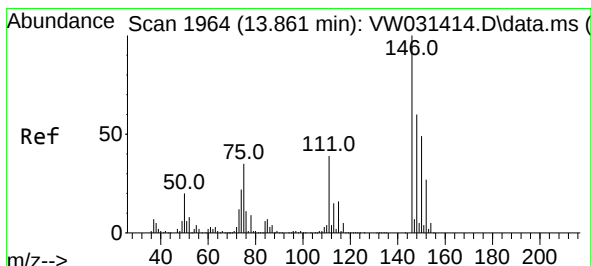
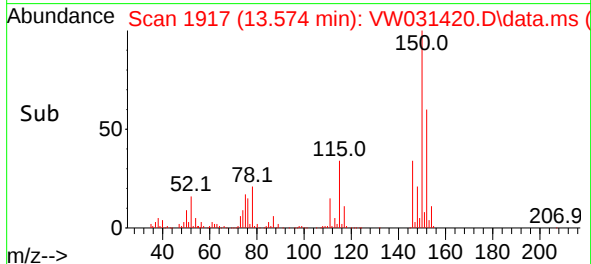
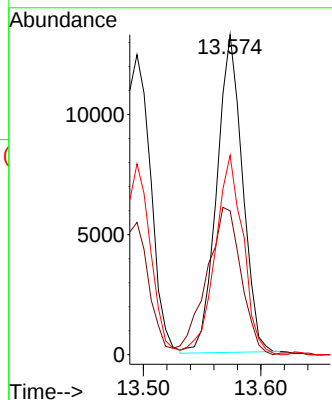
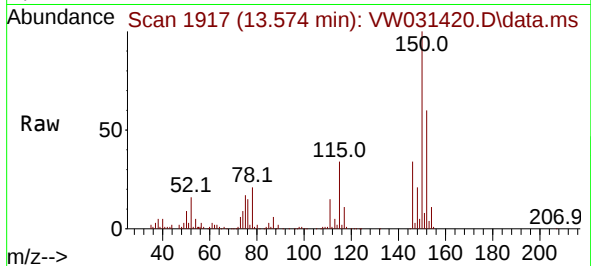




#65
1,4-Dichlorobenzene
Concen: 1.256 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

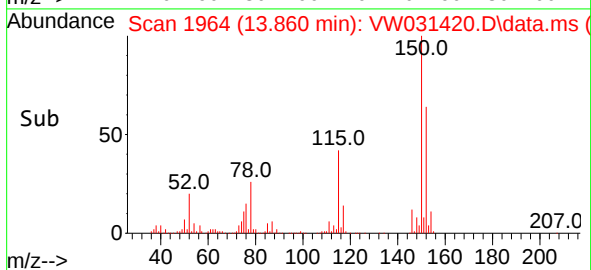
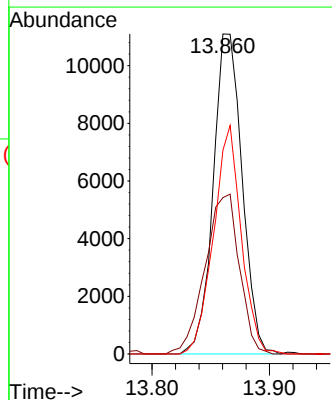
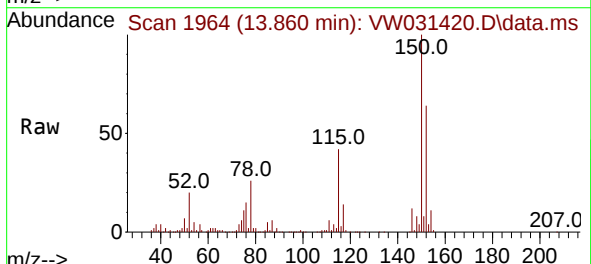
Instrument :
MSVOA_W
ClientSampleId :

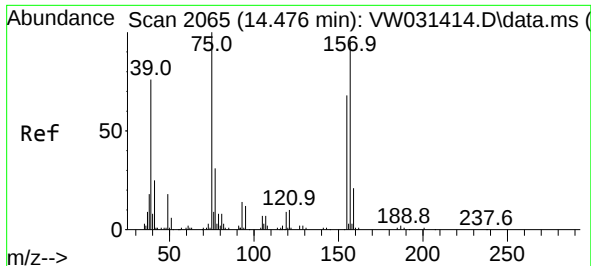
Tgt Ion:146 Resp: 20141
Ion Ratio Lower Upper
146 100
111 44.9 30.7 56.9
148 62.3 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 1.359 ug/L
RT: 13.860 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031420.D
Acq: 20 Dec 2024 12:12

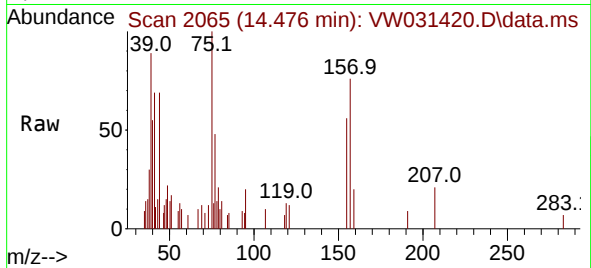
Tgt Ion:146 Resp: 18962
Ion Ratio Lower Upper
146 100
111 48.8 38.6 58.0
148 63.7 53.6 80.4



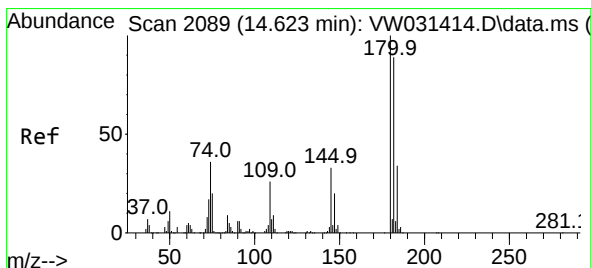
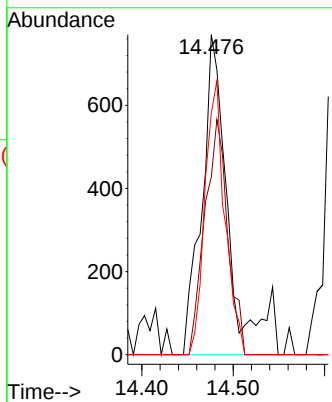
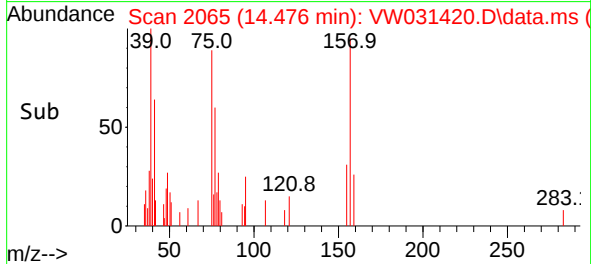


#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.453 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW031420.D
 Acq: 20 Dec 2024 12:12

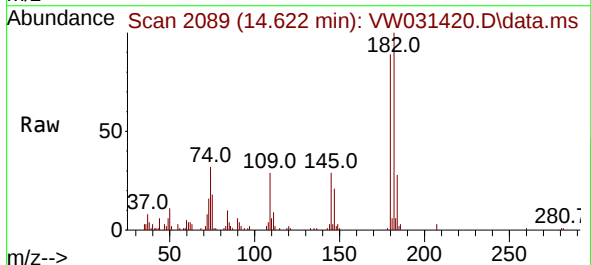
Instrument :
 MSVOA_W
 ClientSampleId :



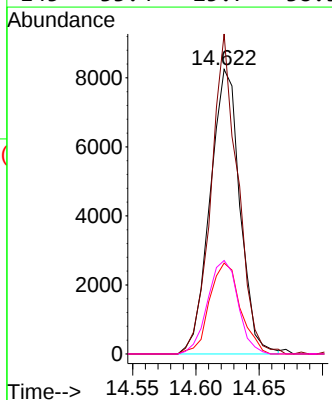
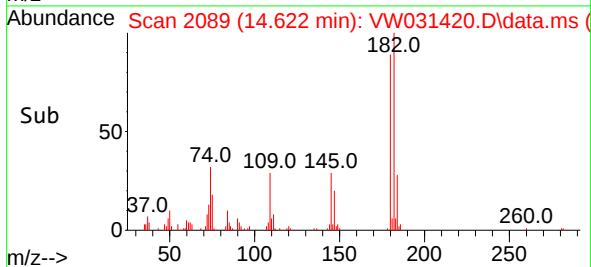
Tgt Ion: 75 Resp: 1541
 Ion Ratio Lower Upper
 75 100
 155 55.6 56.6 85.0#
 157 75.6 71.2 106.8

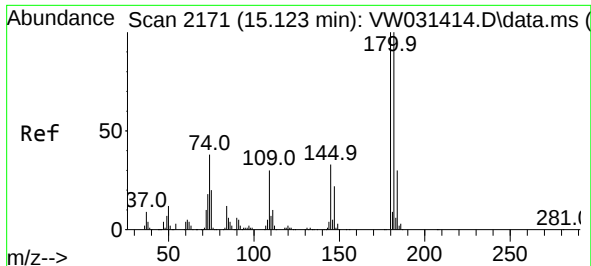


#69
 1,3,5-Trichlorobenzene
 Concen: 1.196 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031420.D
 Acq: 20 Dec 2024 12:12



Tgt Ion: 180 Resp: 13561
 Ion Ratio Lower Upper
 180 100
 182 100.1 75.0 112.4
 184 32.9 24.6 36.8
 145 33.4 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 1.256 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

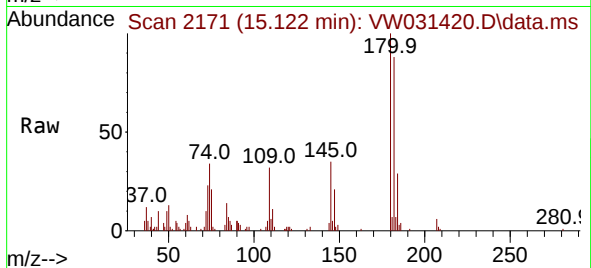
Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :



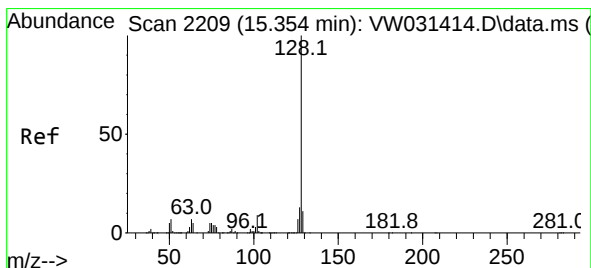
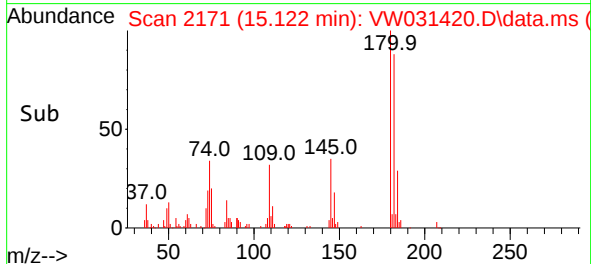
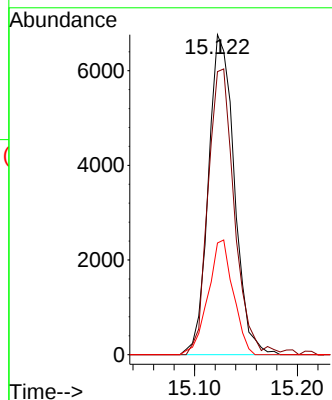
Tgt Ion:180 Resp: 11846

Ion Ratio Lower Upper

180 100

182 89.4 78.2 117.2

145 34.7 26.7 40.1



#71

Naphthalene

Concen: 1.309 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031420.D

Acq: 20 Dec 2024 12:12

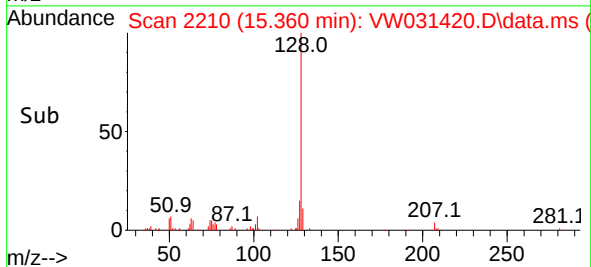
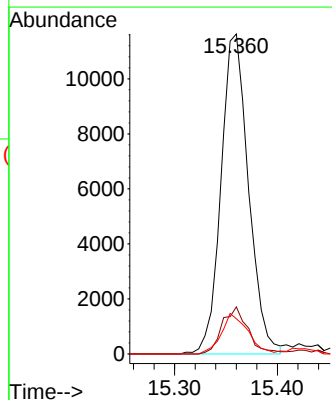
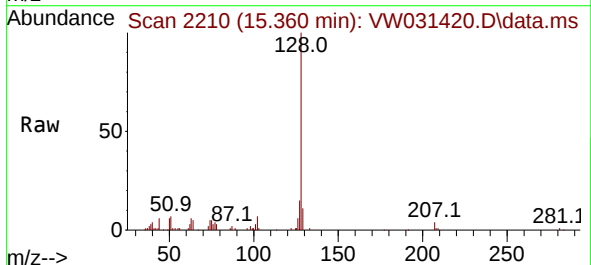
Tgt Ion:128 Resp: 21641

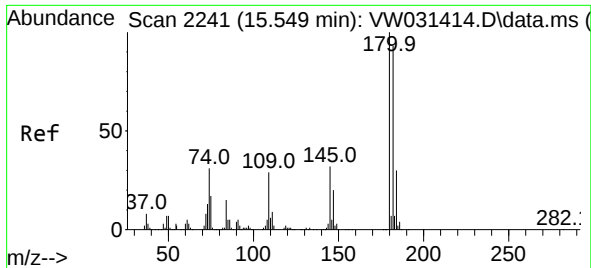
Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

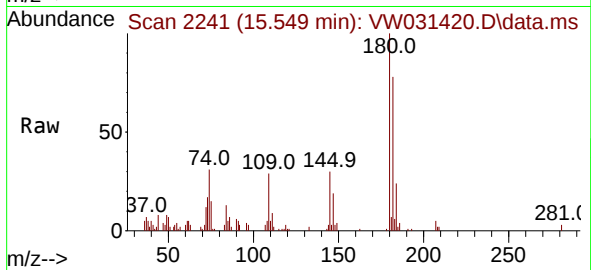
129 12.1 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.420 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031420.D
 Acq: 20 Dec 2024 12:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	10790
Ion	Ratio	Lower	Upper
180	100		
182	91.9	75.0	112.4
145	35.5	27.8	41.6

