

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122724\
 Data File : VW031543.D
 Acq On : 27 Dec 2024 11:43
 Operator : SY/MD
 Sample : P5378-05MSDRE
 Misc : 5.55g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 22:21:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1007579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	878806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	424530	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	266576	17.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.320%
7) Chloroethane-d5	2.899	69	222189	19.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.240%
11) 1,1-Dichloroethene-d2	4.015	65	123399	17.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.640%
21) 2-Butanone-d5	7.100	46	100018	35.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.060%
24) Chloroform-d	7.648	84	516487	18.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.840%
26) 1,2-Dichloroethane-d4	8.301	65	261824	18.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.520%
32) Benzene-d6	8.270	84	1009528	17.923	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.680%
36) 1,2-Dichloropropane-d6	9.270	67	298968	18.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.840%
41) Toluene-d8	10.318	98	945363	18.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.160%
43) trans-1,3-Dichloroprop...	10.575	79	126190	16.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.680%
47) 2-Hexanone-d5	10.922	63	80902	36.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	207699	20.151	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	296065	18.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	126097	13.848	ug/L	99
3) Chloromethane	2.216	50	135830	13.278	ug/L	99
5) Vinyl chloride	2.369	62	222046	15.662	ug/L	98
6) Bromomethane	2.789	94	145746	16.722	ug/L	98
8) Chloroethane	2.930	64	146766	17.408	ug/L	100
9) Trichlorofluoromethane	3.265	101	233166	15.438	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	198602	16.285	ug/L	95
12) 1,1-Dichloroethene	4.039	96	188716	15.278	ug/L	99
13) Acetone	4.167	43	142239	35.773	ug/L #	100
14) Carbon disulfide	4.381	76	470280	11.674	ug/L	100
15) Methyl Acetate	4.685	43	68974	15.273	ug/L	96
16) Methylene chloride	4.917	84	206940	16.323	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	203918	15.315	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	370605	16.650	ug/L	98
19) 1,1-Dichloroethane	6.216	63	403093	16.201	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	252608	17.535	ug/L	98
22) 2-Butanone	7.185	43	141220	29.313	ug/L	96
23) Bromochloromethane	7.508	128	100731	17.533	ug/L	91
25) Chloroform	7.679	83	418338	17.036	ug/L	100

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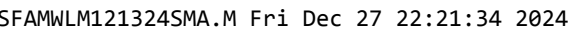
Instrument :
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 ClientSampleId :

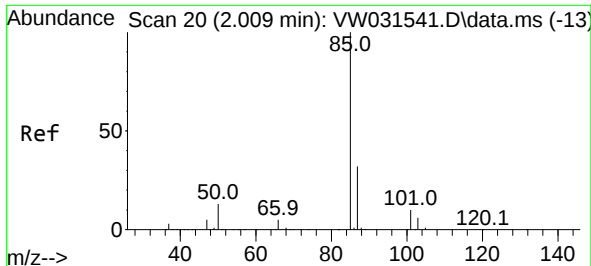
Quant Time: Dec 27 22:21:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	265282	17.184	ug/L	99
29) Cyclohexane	7.953	56	317229	13.311	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	339151	14.931	ug/L	99
31) Carbon tetrachloride	8.063	117	292299	14.444	ug/L	98
33) Benzene	8.319	78	869545	16.011	ug/L	100
34) Trichloroethene	9.087	95	239537	15.623	ug/L	91
35) Methylcyclohexane	9.331	83	363620	13.618	ug/L	97
37) 1,2-Dichloropropane	9.367	63	226486	16.717	ug/L	99
38) Bromodichloromethane	9.642	83	288099	16.357	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	365384	15.960	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	228461	31.784	ug/L	98
42) Toluene	10.386	91	942268	15.936	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	300587	16.080	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	160525	17.813	ug/L	94
46) Tetrachloroethene	10.855	164	166798	14.852	ug/L	96
48) 2-Hexanone	10.965	43	205011	33.536	ug/L	100
49) Dibromochloromethane	11.123	129	174665	16.352	ug/L	93
50) 1,2-Dibromoethane	11.233	107	149169	17.474	ug/L	94
51) Chlorobenzene	11.654	112	606688	16.365	ug/L	96
52) Ethylbenzene	11.727	91	1090792	15.918	ug/L	98
53) m,p-Xylene	11.836	106	415745	15.937	ug/L	92
54) o-Xylene	12.160	106	401119	16.315	ug/L	94
55) Styrene	12.178	104	688152	16.827	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	183096	18.848	ug/L	97
59) Bromoform	12.342	173	94011	15.763	ug/L	99
60) Isopropylbenzene	12.458	105	1106060	15.921	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	127244	17.516	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	875938	14.872	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	885788	15.560	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	453647	16.117	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	446240	16.001	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	405485	16.719	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	26953	14.621	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	274404	13.920	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	222956	13.596	ug/L	99
71) Naphthalene	15.354	128	444156	15.449	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	182570	13.818	ug/L	99

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

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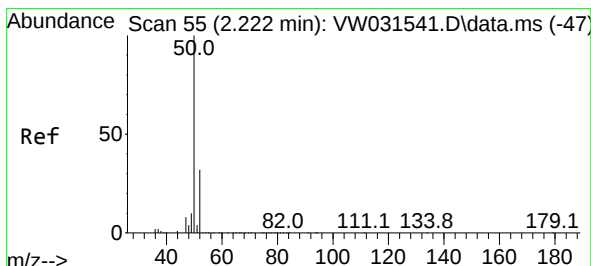
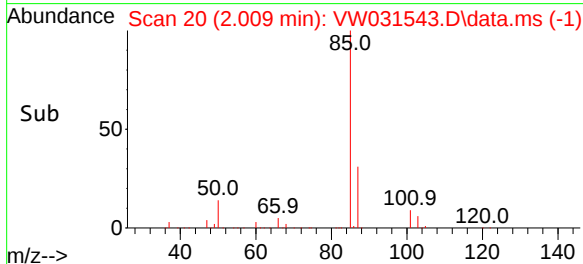
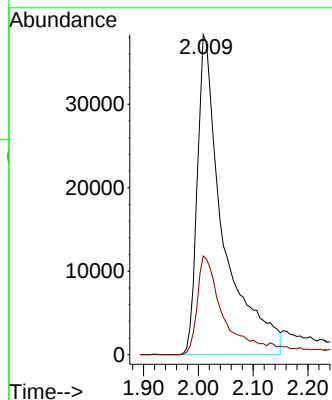
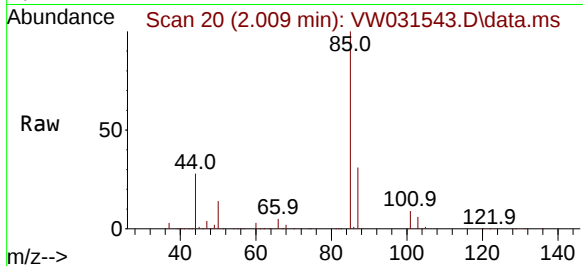




#2
 Dichlorodifluoromethane
 Concen: 13.848 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

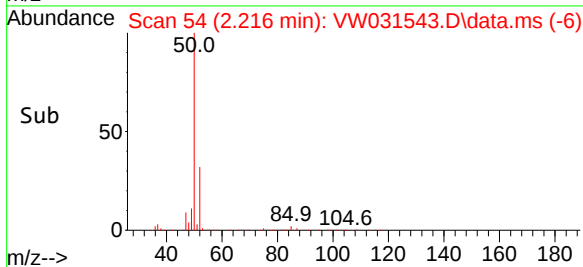
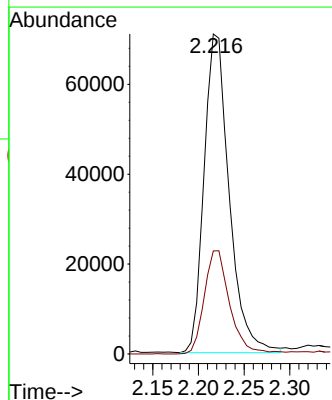
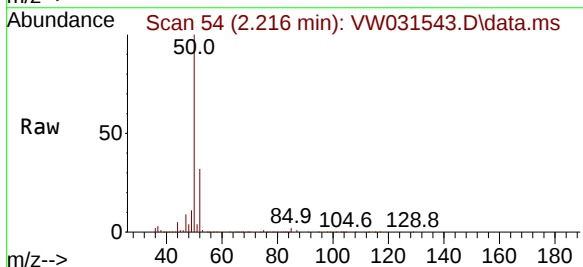
Instrument :
 MSVOA_W
 ClientSampleId :

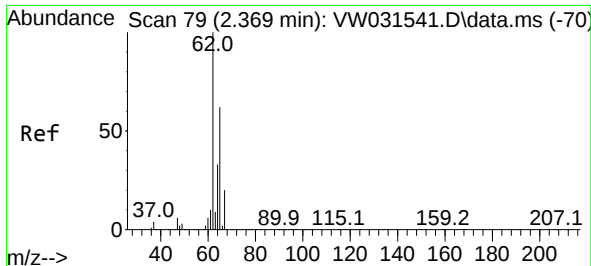
Tgt Ion: 85 Resp: 126097
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.9 37.3



#3
 Chloromethane
 Concen: 13.278 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

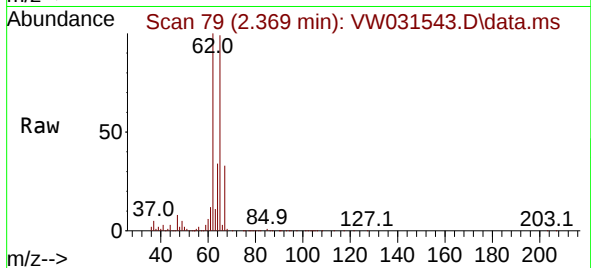
Tgt Ion: 50 Resp: 135830
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.0 41.0



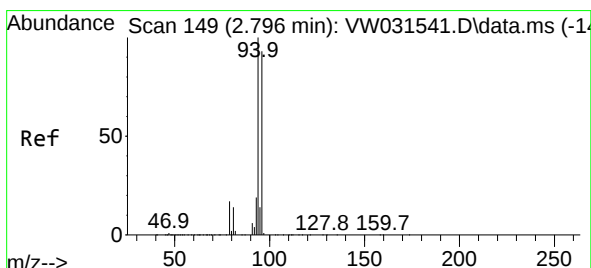
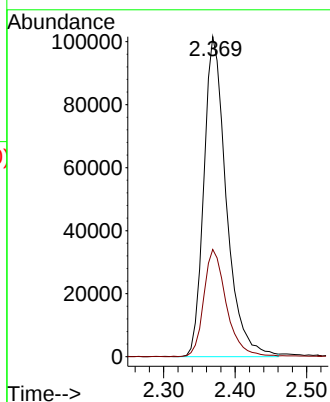
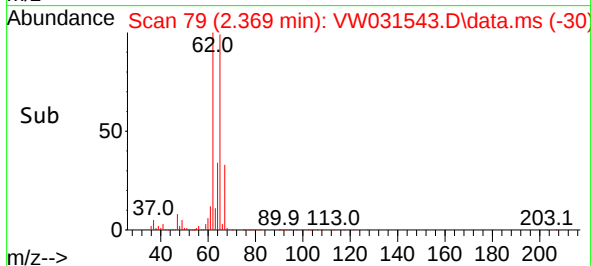


#5
 Vinyl chloride
 Concen: 15.662 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

Instrument :
 MSVOA_W
 ClientSampleId :

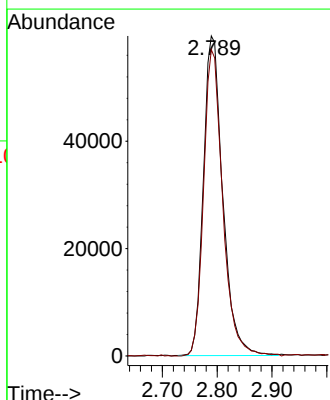
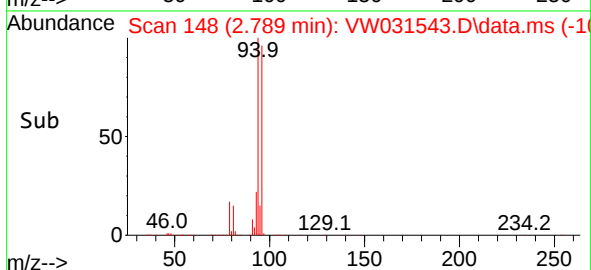
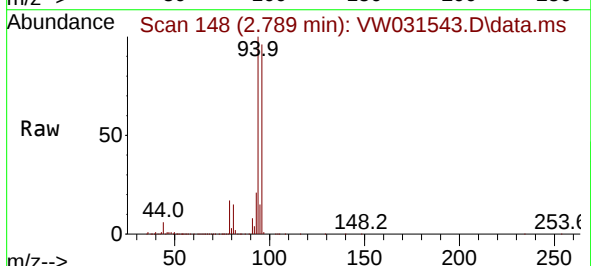


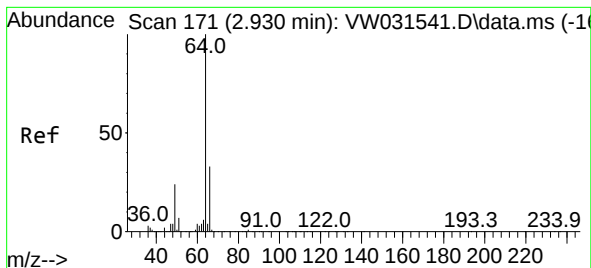
Tgt Ion: 62 Resp: 222046
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.1 44.8



#6
 Bromomethane
 Concen: 16.722 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

Tgt Ion: 94 Resp: 145746
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.6 121.8





#8

Chloroethane

Concen: 17.408 ug/L

RT: 2.930 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

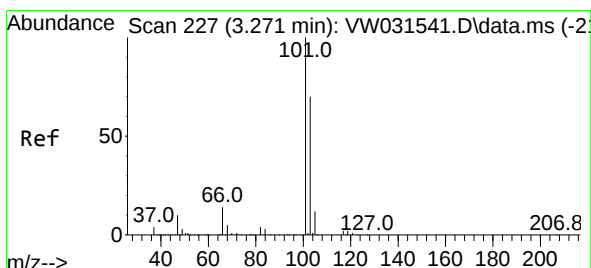
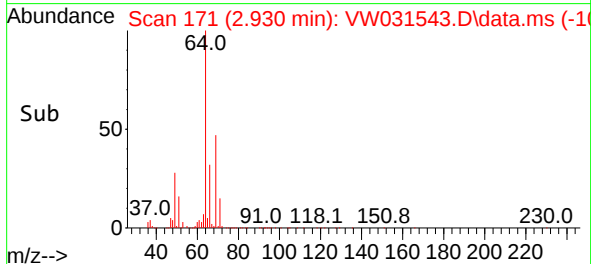
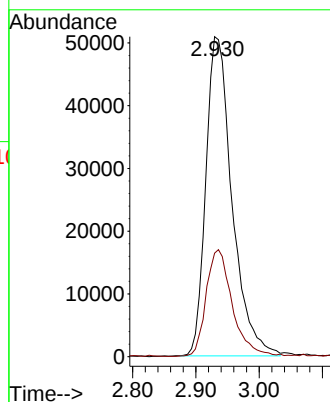
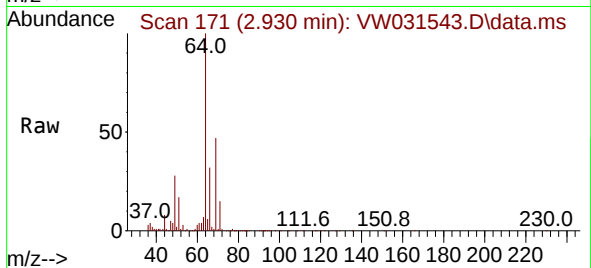
ClientSampleId :

Tgt Ion: 64 Resp: 146766

Ion Ratio Lower Upper

64 100

66 32.4 22.7 42.3



#9

Trichlorofluoromethane

Concen: 15.438 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW031543.D

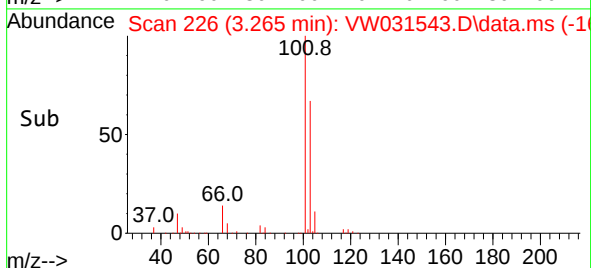
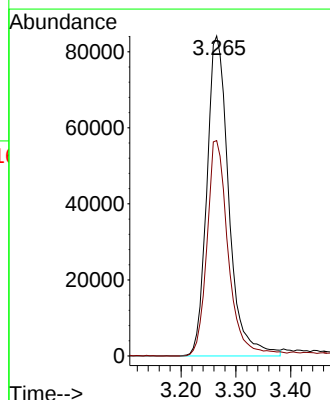
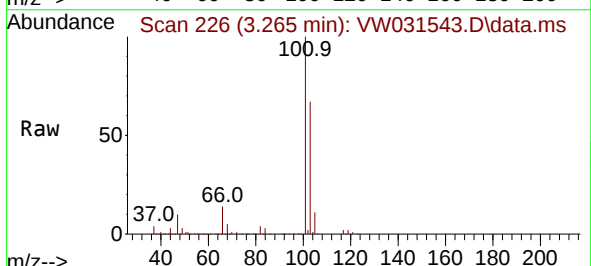
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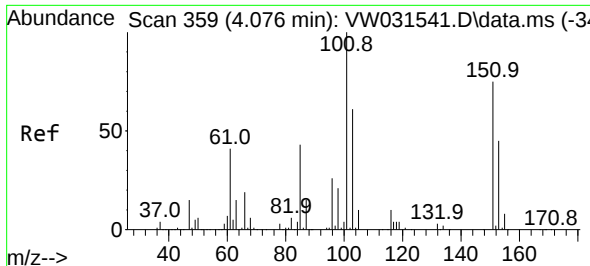
Tgt Ion:101 Resp: 233166

Ion Ratio Lower Upper

101 100

103 64.4 51.6 77.4

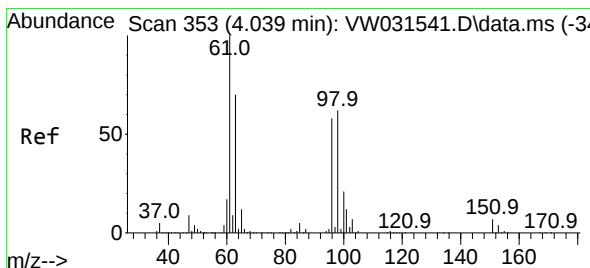
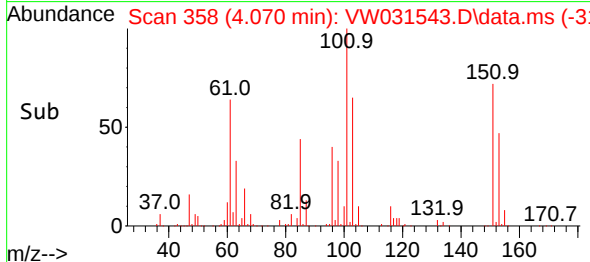
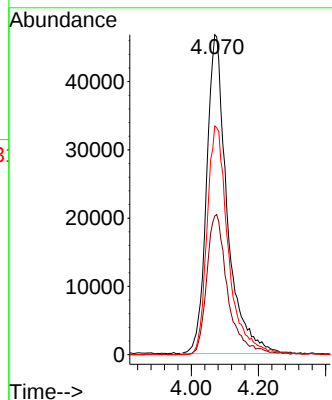
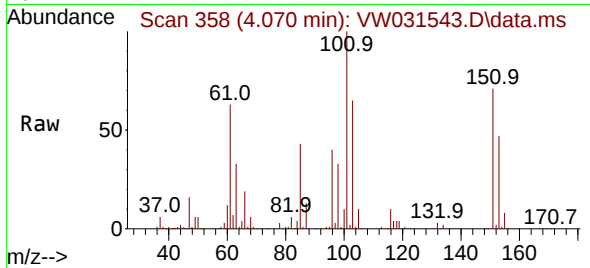




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.285 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

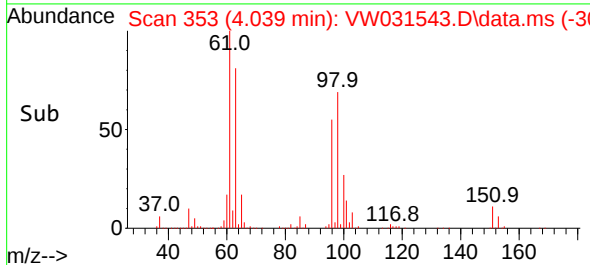
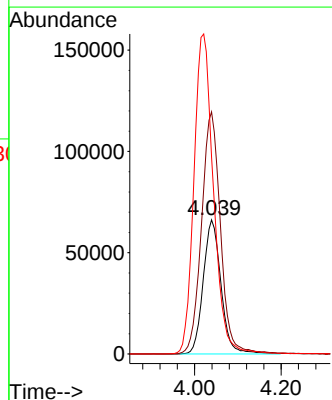
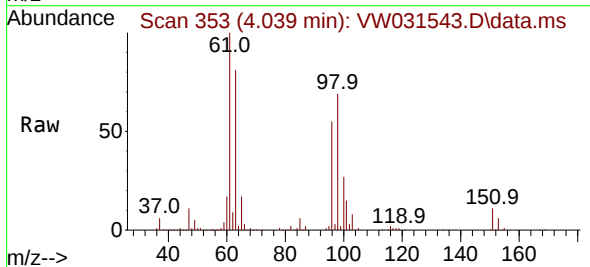
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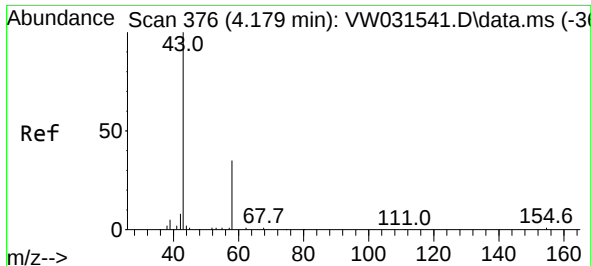
Tgt Ion:101 Resp: 198602
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.0 49.4
 151 73.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 15.278 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

Tgt Ion: 96 Resp: 188716
 Ion Ratio Lower Upper
 96 100
 61 180.6 125.3 232.7
 63 147.0 104.6 194.2

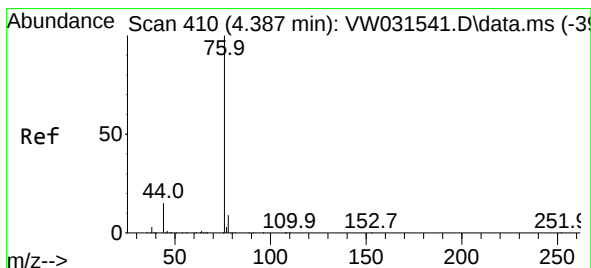
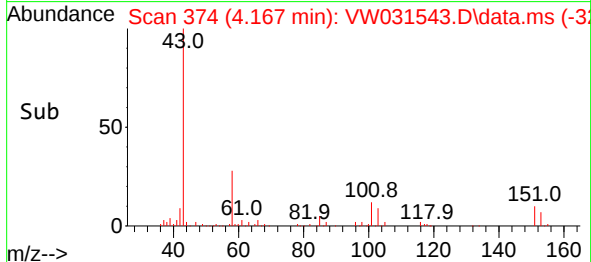
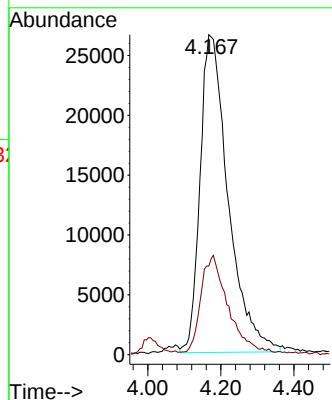
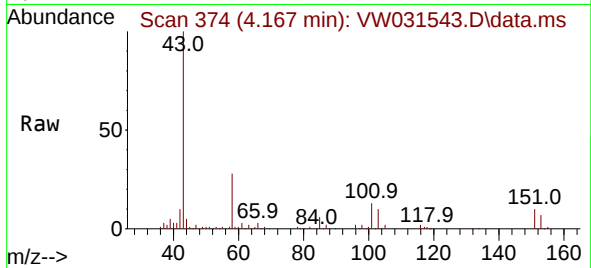




#13
Acetone
Concen: 35.773 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

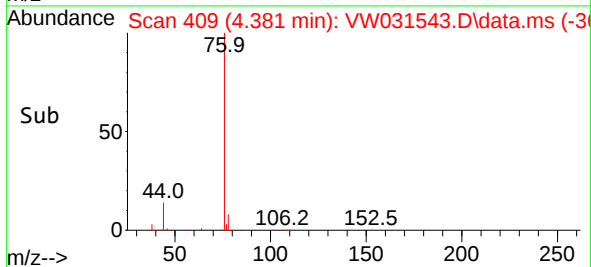
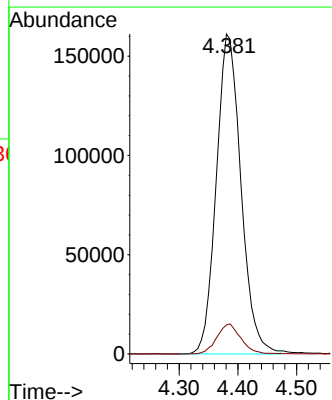
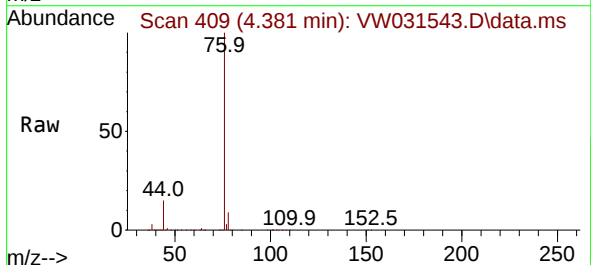
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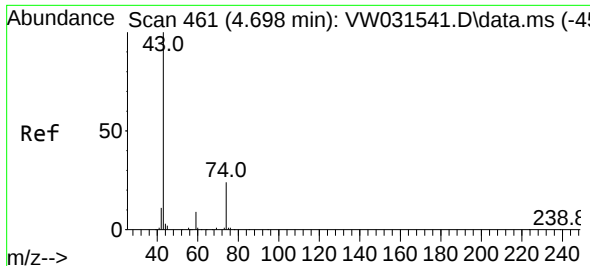
Tgt Ion: 43 Resp: 142239
Ion Ratio Lower Upper
43 100
58 9.8 0.0 0.0#



#14
Carbon disulfide
Concen: 11.674 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 470280
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

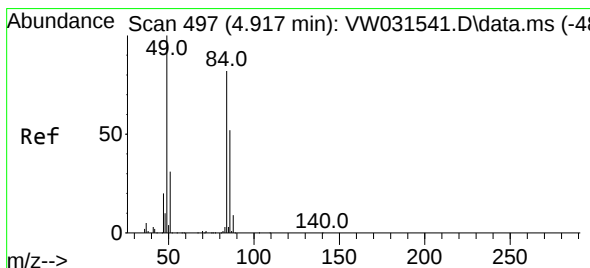
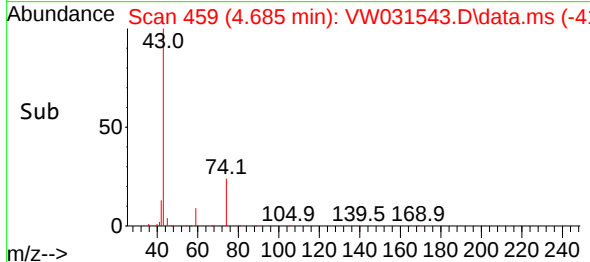
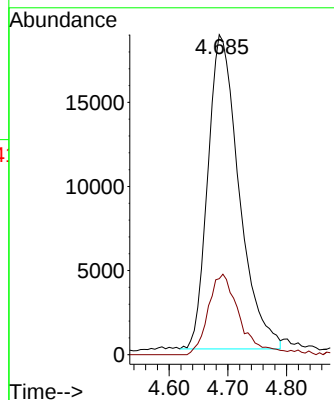
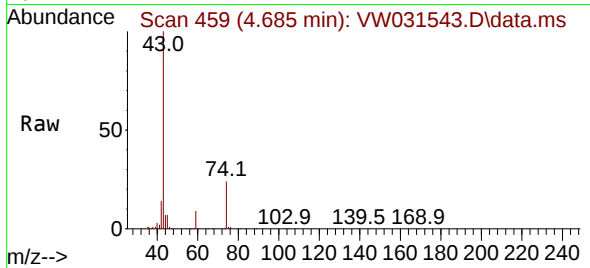




#15
Methyl Acetate
Concen: 15.273 ug/L
RT: 4.685 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

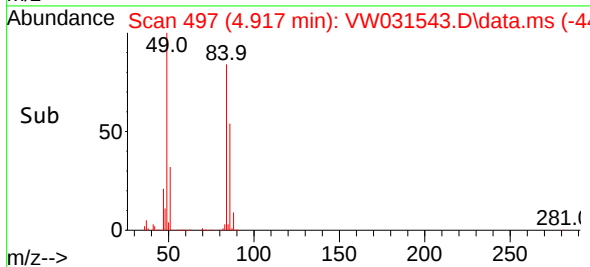
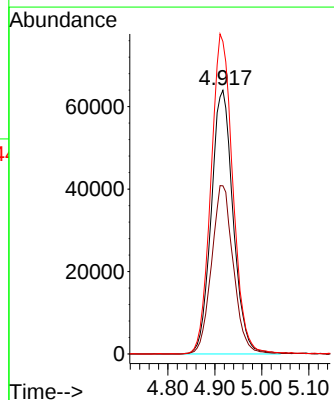
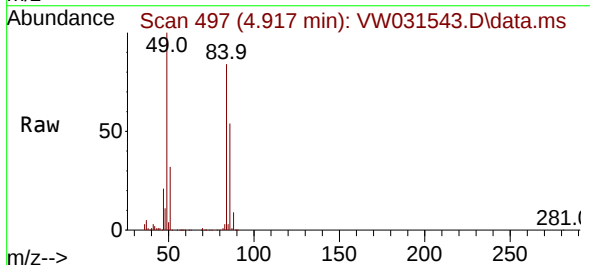
Instrument :
MSVOA_W
ClientSampleId :

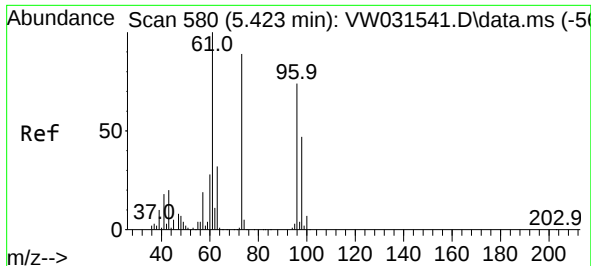
Tgt Ion: 43 Resp: 68974
Ion Ratio Lower Upper
43 100
74 25.6 18.9 28.3



#16
Methylene chloride
Concen: 16.323 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

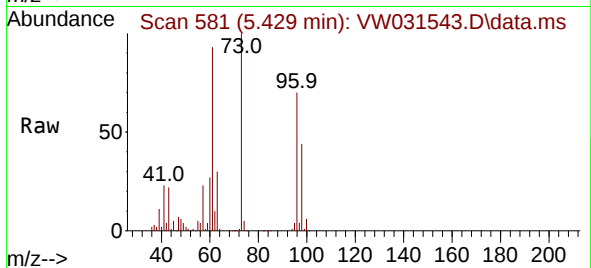
Tgt Ion: 84 Resp: 206940
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 118.4 88.3 164.1





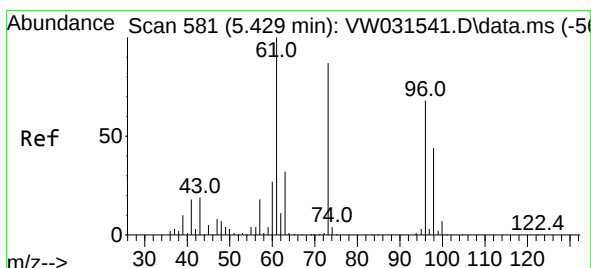
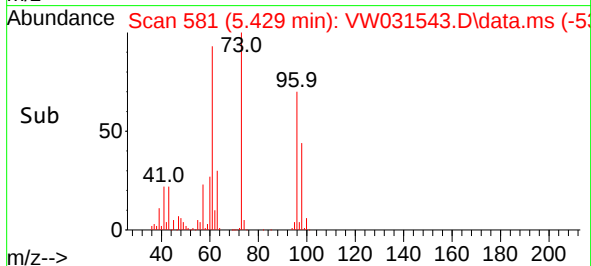
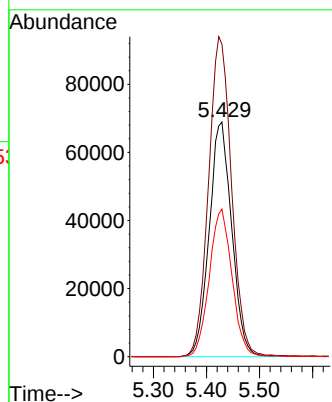
#17
trans-1,2-Dichloroethene
Concen: 15.315 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 203918

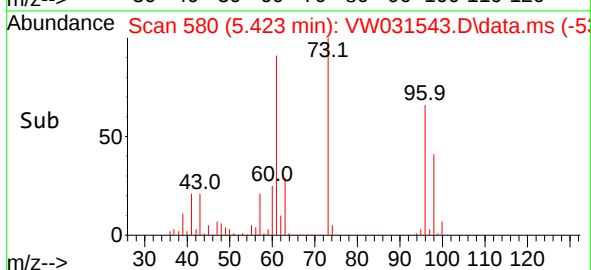
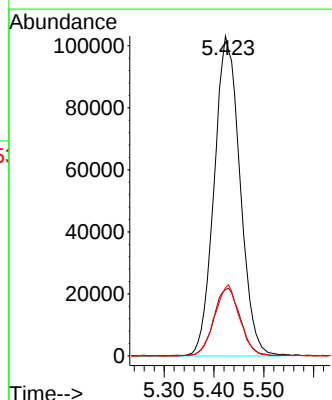
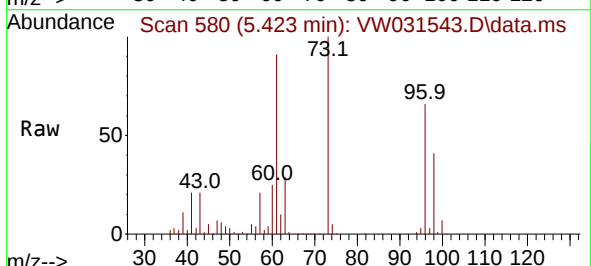
Ion	Ratio	Lower	Upper
96	100		
61	133.0	100.7	187.1
98	62.8	43.8	81.3

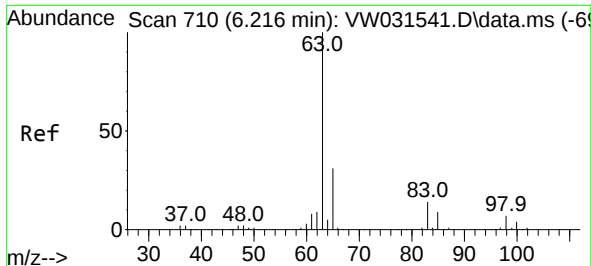


#18
Methyl tert-butyl Ether
Concen: 16.650 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion: 73 Resp: 370605

Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.9	26.9
57	21.6	17.9	26.9





#19

1,1-Dichloroethane

Concen: 16.201 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

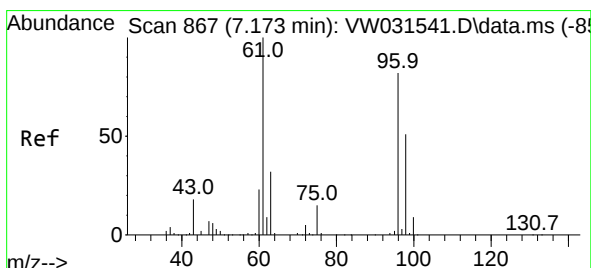
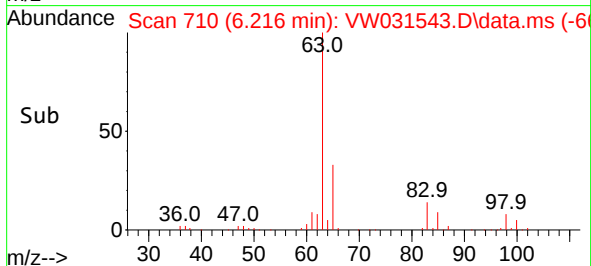
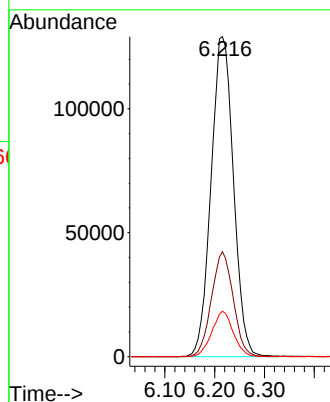
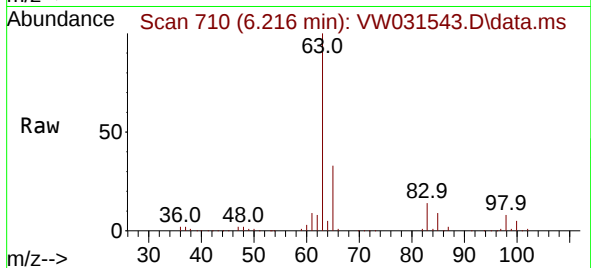
Tgt Ion: 63 Resp: 403093

Ion Ratio Lower Upper

63 100

65 32.8 21.9 40.7

83 14.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 17.535 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

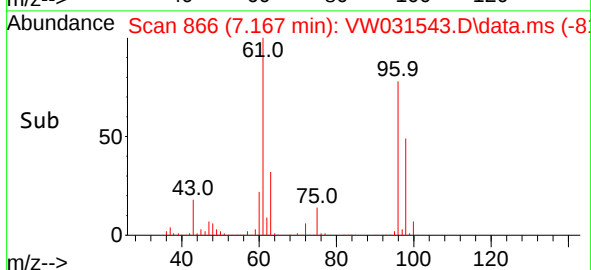
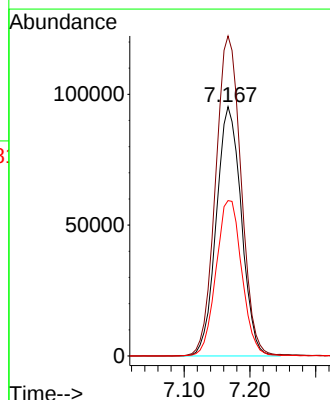
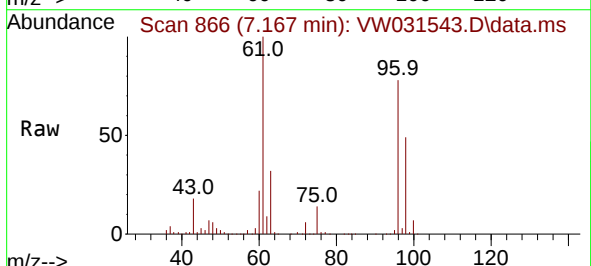
Tgt Ion: 96 Resp: 252608

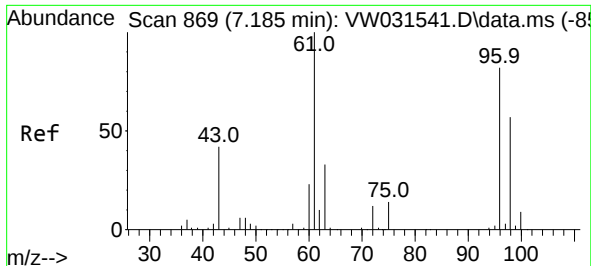
Ion Ratio Lower Upper

96 100

61 128.3 92.2 171.2

98 62.3 43.7 81.1

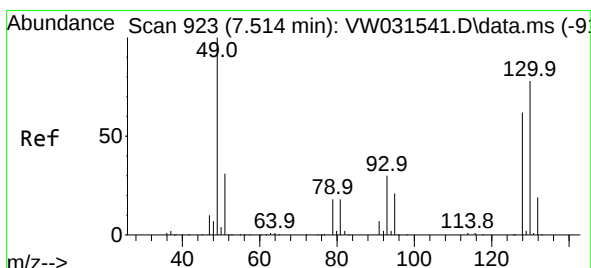
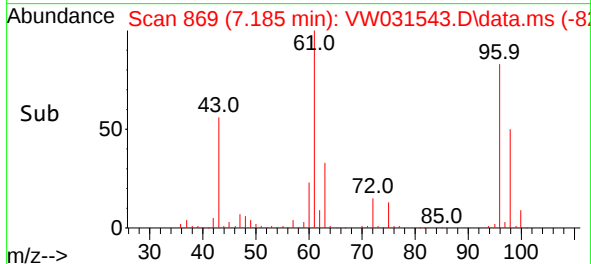
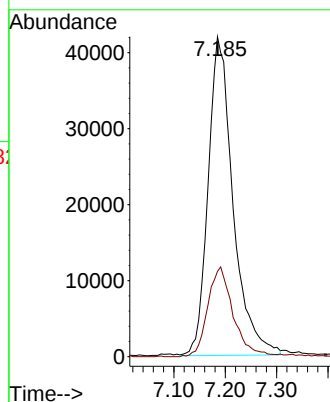
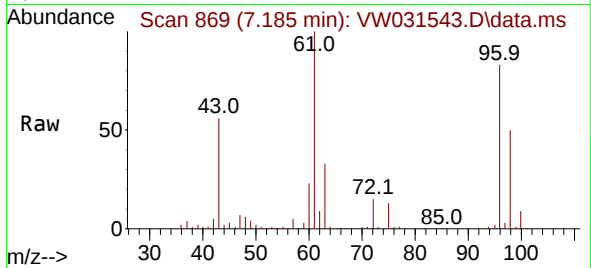




#22
2-Butanone
Concen: 29.313 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

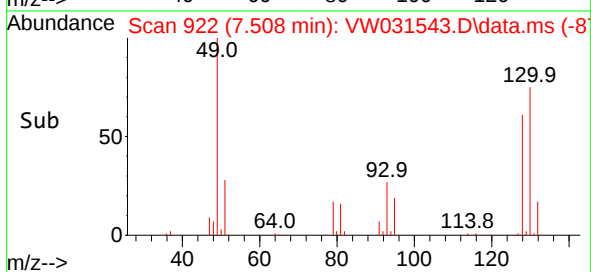
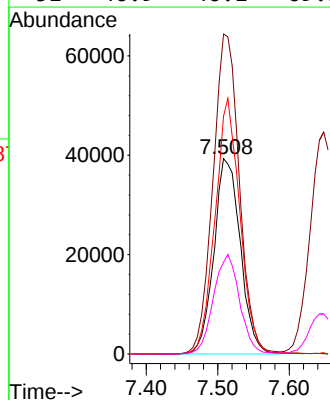
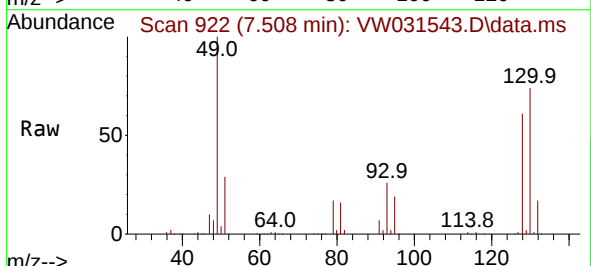
Instrument :
MSVOA_W
ClientSampleId :

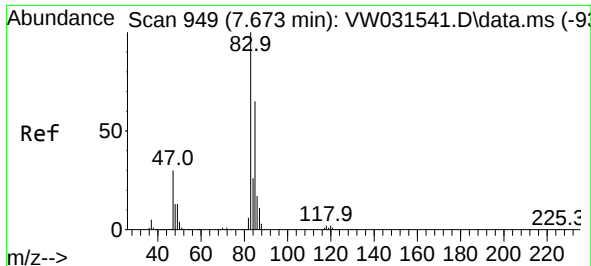
Tgt Ion: 43 Resp: 141220
Ion Ratio Lower Upper
43 100
72 28.6 13.3 39.8



#23
Bromochloromethane
Concen: 17.533 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion:128 Resp: 100731
Ion Ratio Lower Upper
128 100
49 163.8 123.7 229.7
130 121.8 90.3 167.7
51 46.9 46.1 69.1

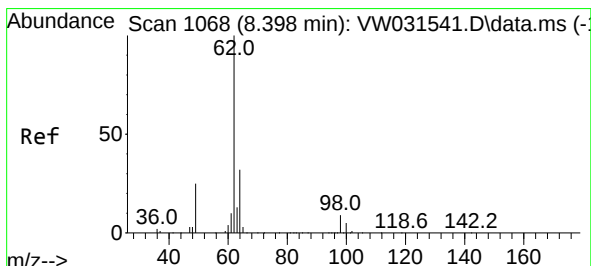
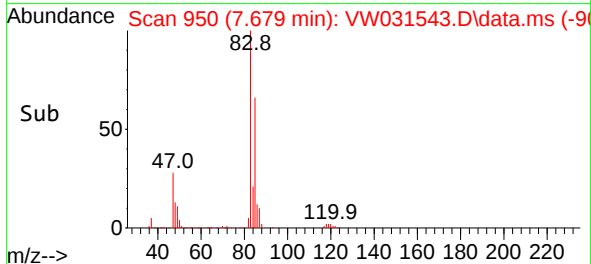
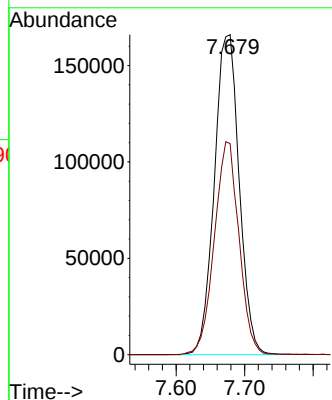
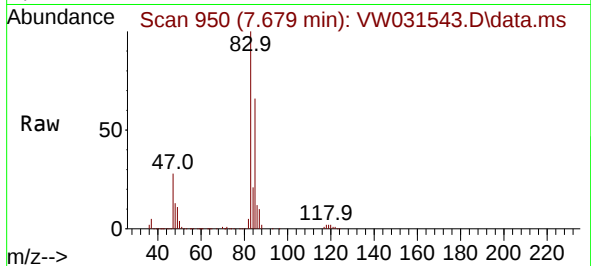




#25
Chloroform
Concen: 17.036 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

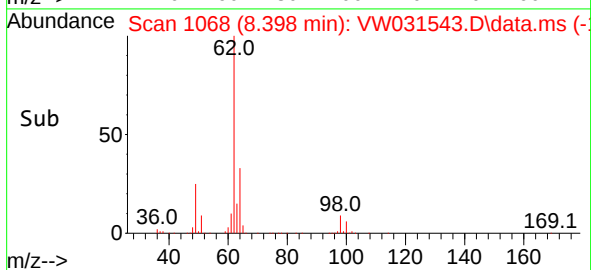
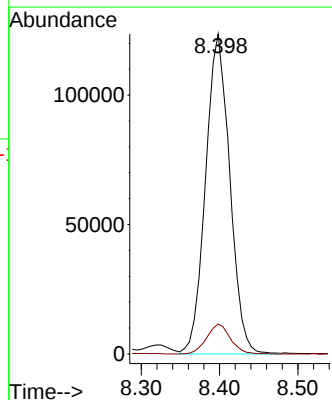
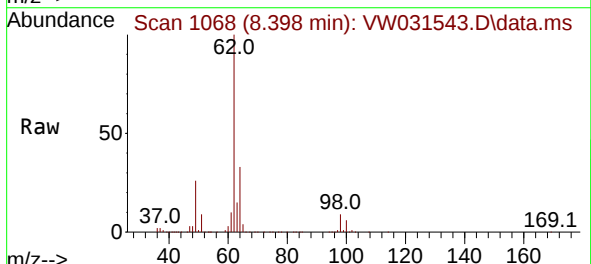
Instrument :
MSVOA_W
ClientSampleId :

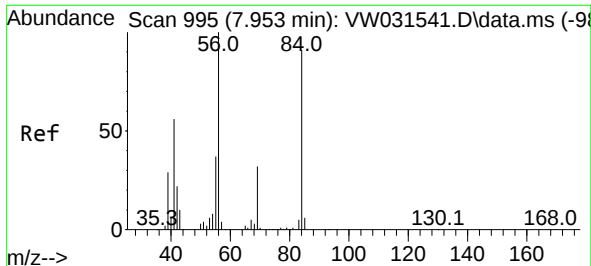
Tgt Ion: 83 Resp: 418338
Ion Ratio Lower Upper
83 100
85 66.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 17.184 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

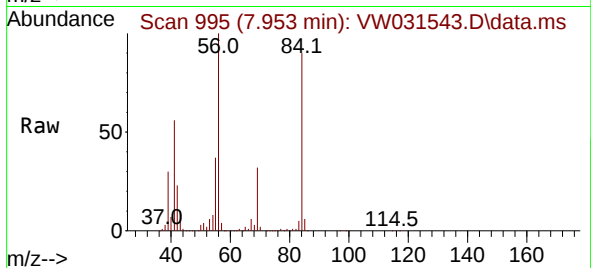
Tgt Ion: 62 Resp: 265282
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8



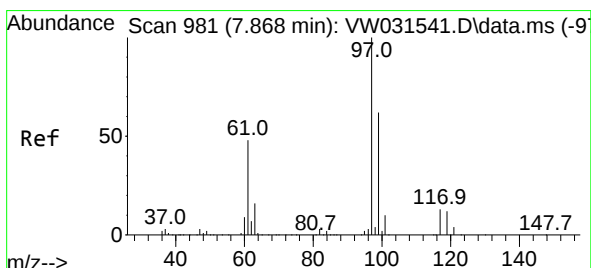
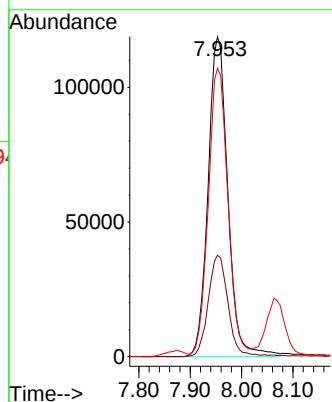
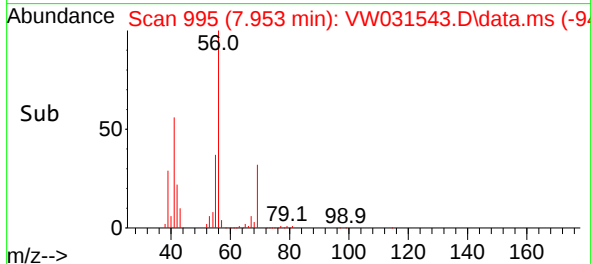


#29
Cyclohexane
Concen: 13.311 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

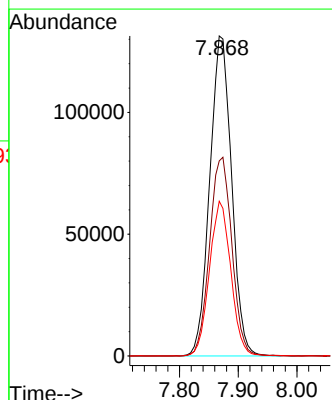
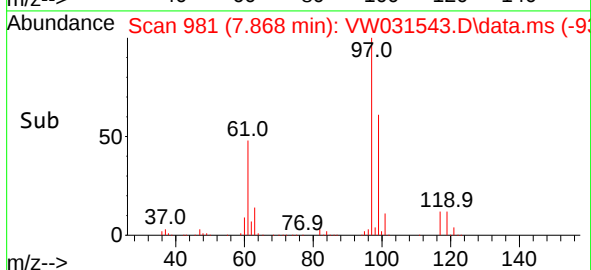
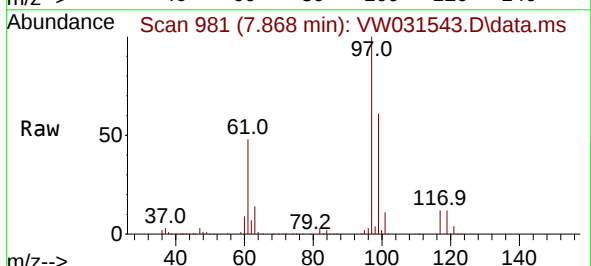


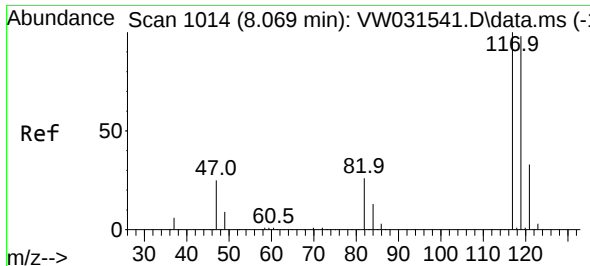
Tgt Ion: 56 Resp: 317229
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 89.3 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 14.931 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion: 97 Resp: 339151
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 47.3 36.3 54.5

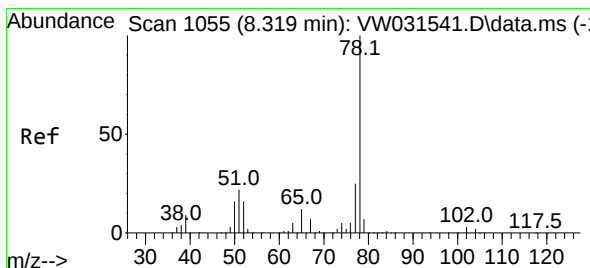
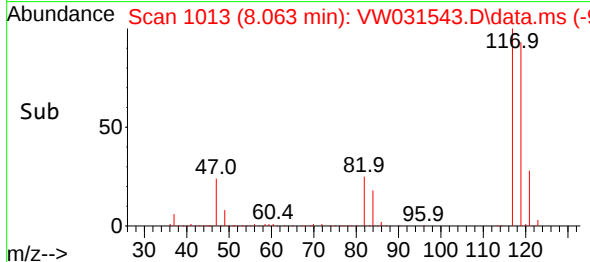
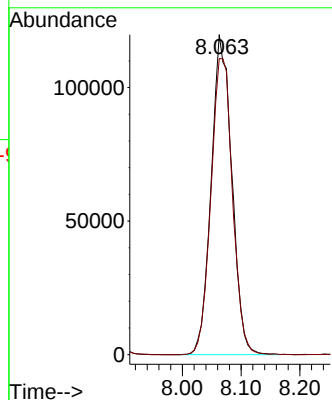
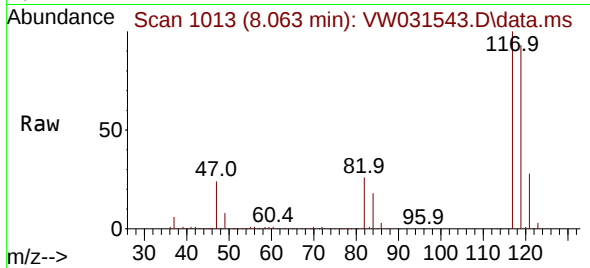




#31
Carbon tetrachloride
Concen: 14.444 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

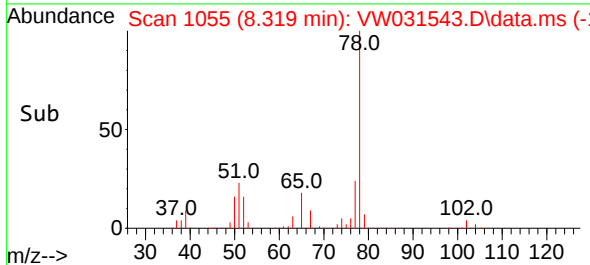
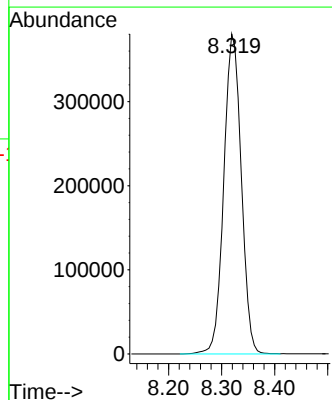
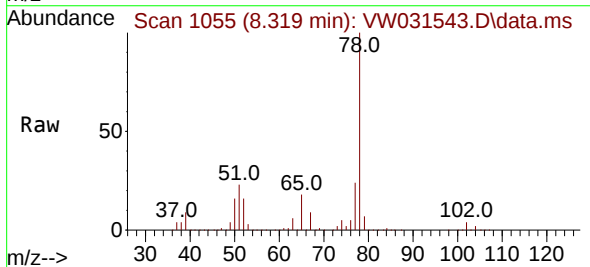
Instrument :
MSVOA_W
ClientSampleId :

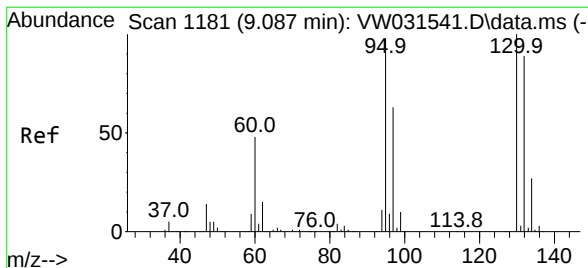
Tgt Ion:117 Resp: 292299
Ion Ratio Lower Upper
117 100
119 96.8 76.0 114.0



#33
Benzene
Concen: 16.011 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion: 78 Resp: 869545





#34

Trichloroethene

Concen: 15.623 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 239537

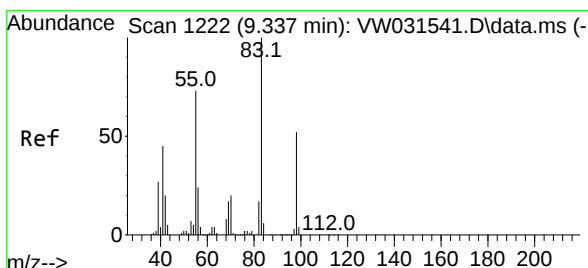
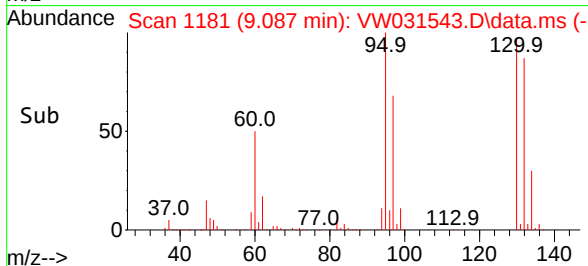
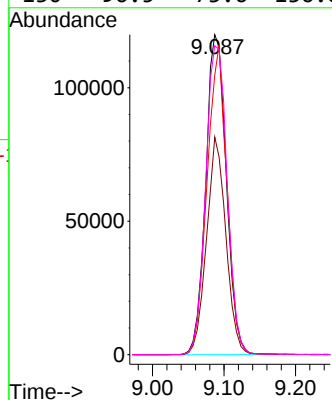
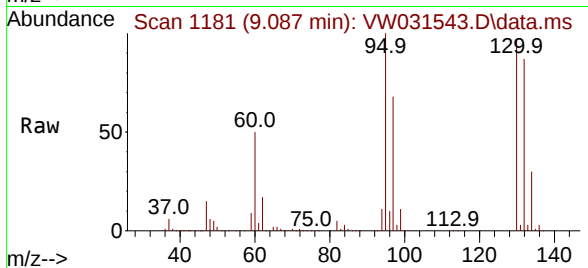
Ion Ratio Lower Upper

95 100

97 68.0 46.5 86.3

132 87.4 70.3 130.5

130 96.5 73.6 136.8



#35

Methylcyclohexane

Concen: 13.618 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

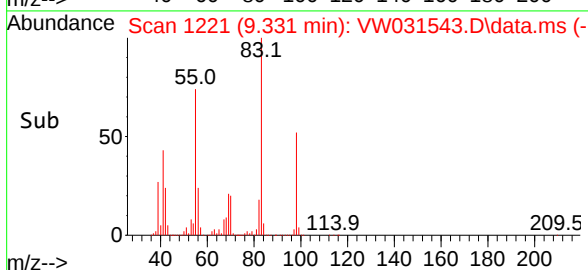
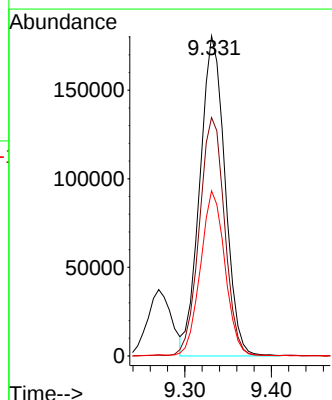
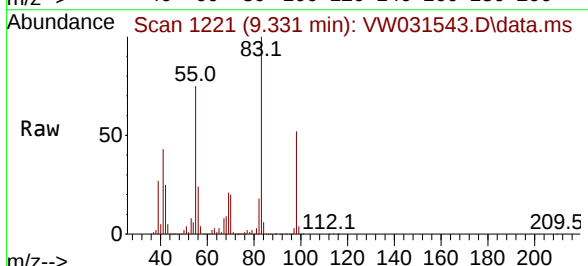
Tgt Ion: 83 Resp: 363620

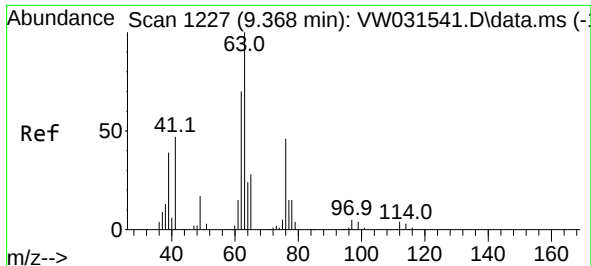
Ion Ratio Lower Upper

83 100

55 75.1 62.6 93.8

98 50.5 39.8 59.6





#37

1,2-Dichloropropane

Concen: 16.717 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

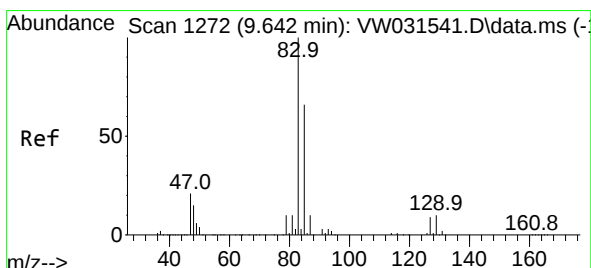
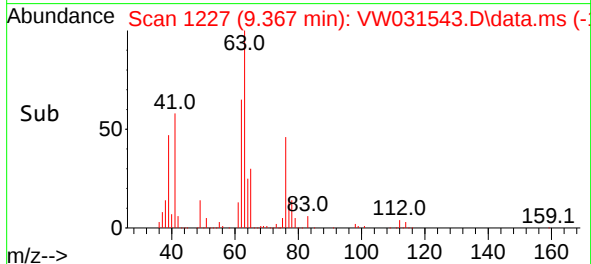
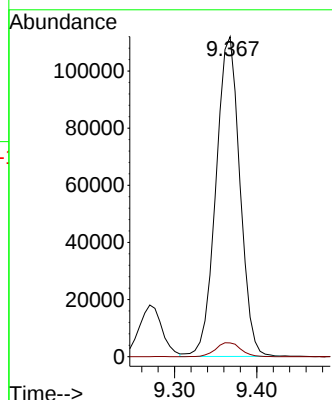
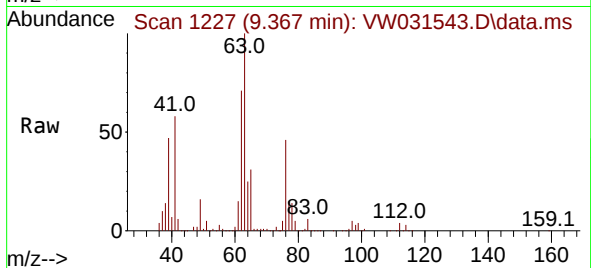
ClientSampleId :

Tgt Ion: 63 Resp: 226486

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 16.357 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

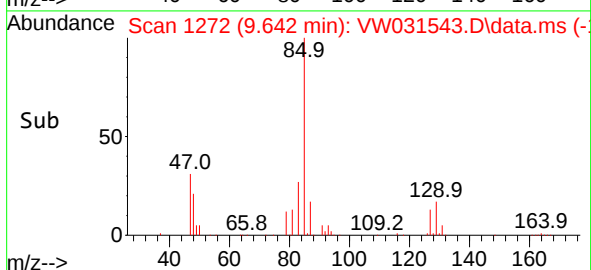
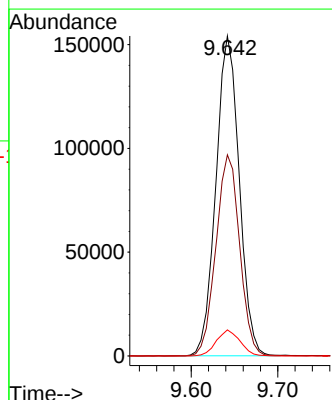
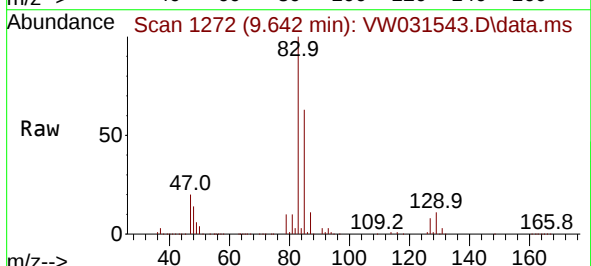
Tgt Ion: 83 Resp: 288099

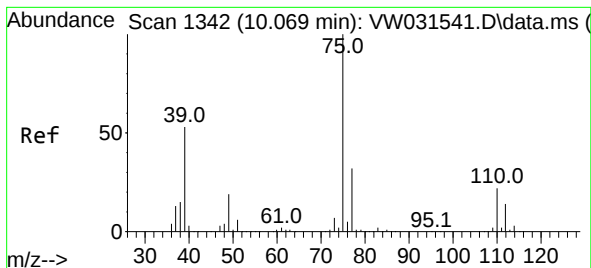
Ion Ratio Lower Upper

83 100

85 62.9 46.5 86.5

127 8.2 6.2 9.4

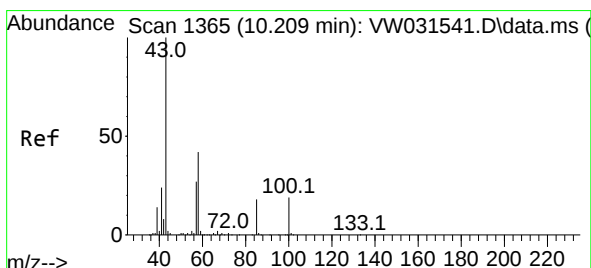
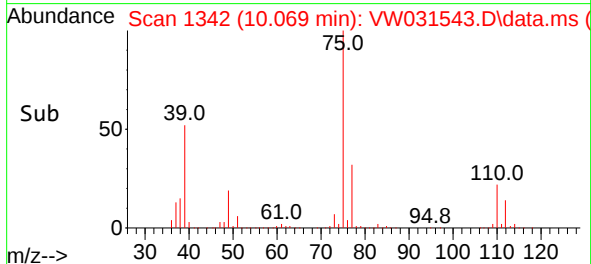
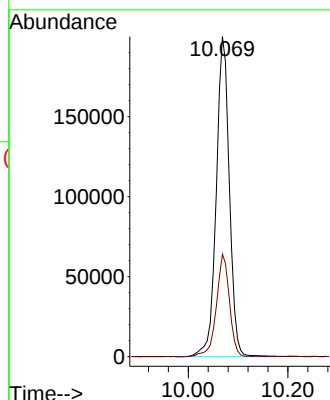
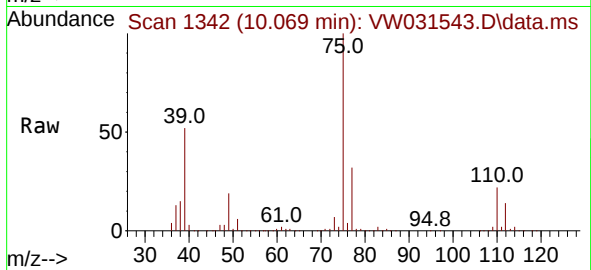




#39
cis-1,3-Dichloropropene
Concen: 15.960 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

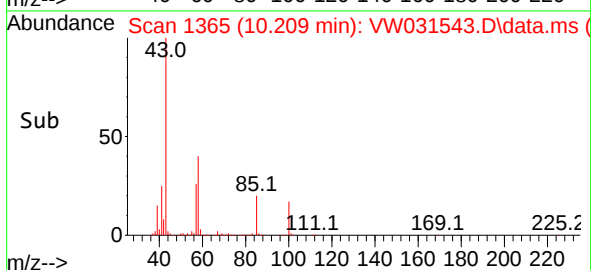
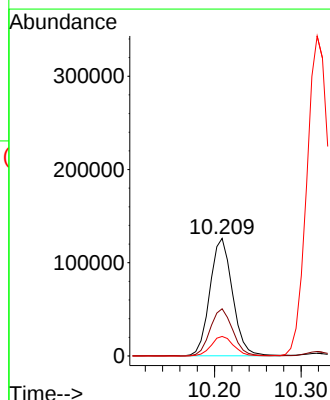
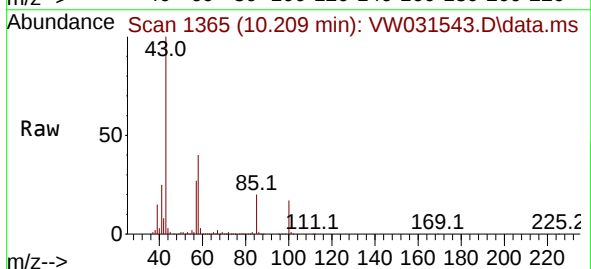
Instrument :
MSVOA_W
ClientSampleId :

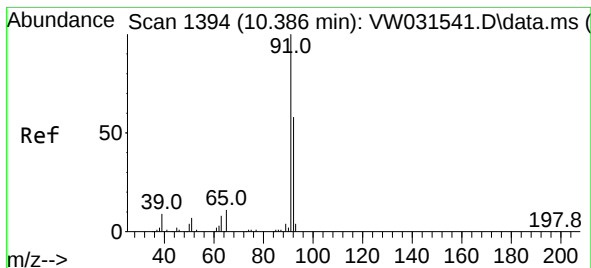
Tgt Ion: 75 Resp: 365384
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 31.784 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion: 43 Resp: 228461
Ion Ratio Lower Upper
43 100
58 40.3 31.1 46.7
100 16.6 13.0 19.6





#42

Toluene

Concen: 15.936 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

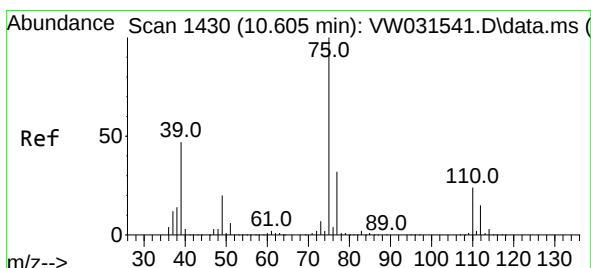
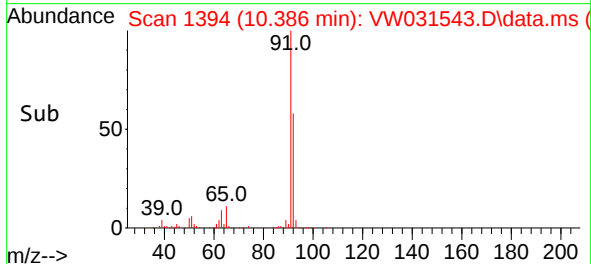
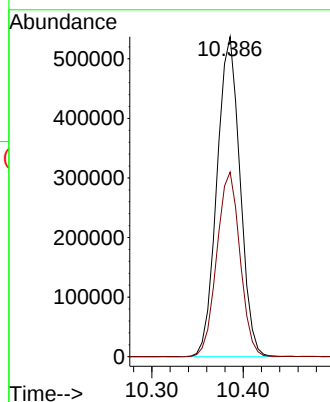
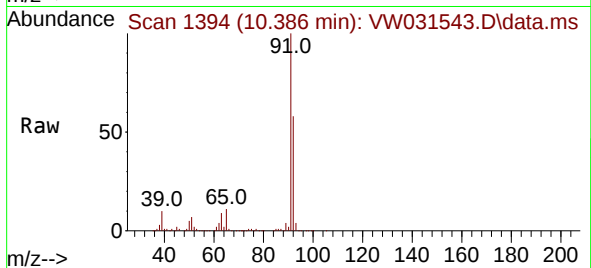
ClientSampleId :

Tgt Ion: 91 Resp: 942268

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 16.080 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031543.D

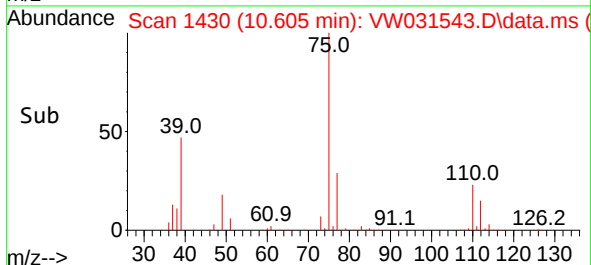
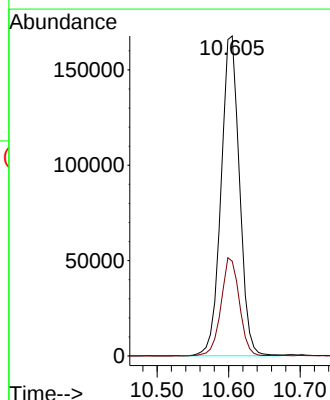
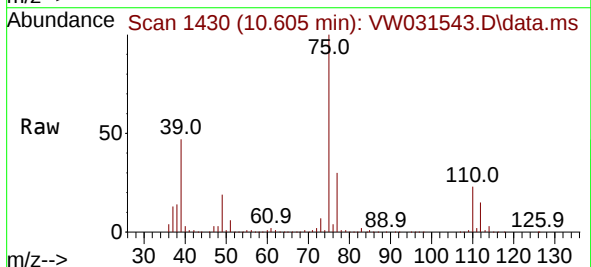
Acq: 27 Dec 2024 11:43

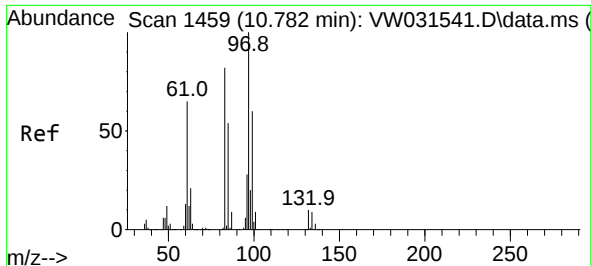
Tgt Ion: 75 Resp: 300587

Ion Ratio Lower Upper

75 100

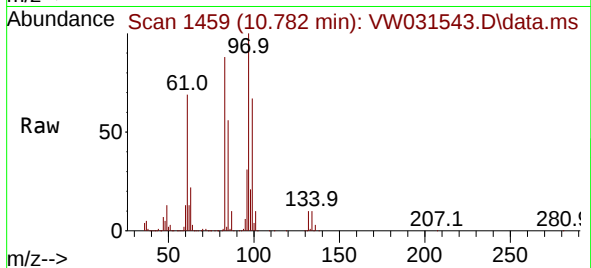
77 29.6 21.2 39.4





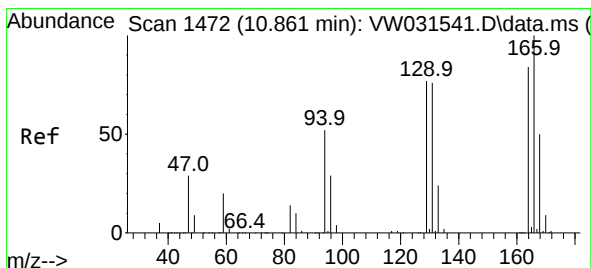
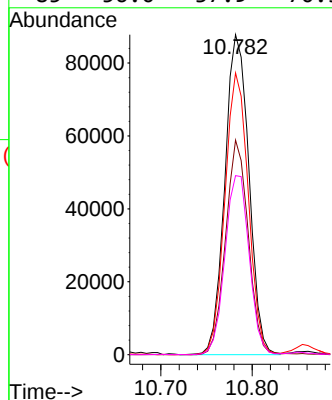
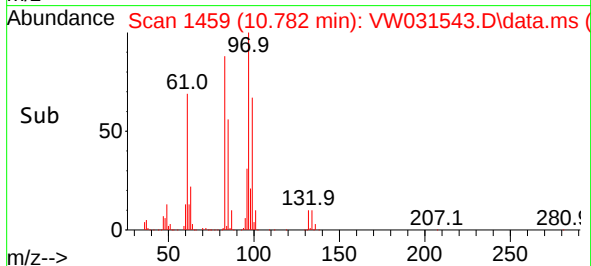
#45
1,1,2-Trichloroethane
Concen: 17.813 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

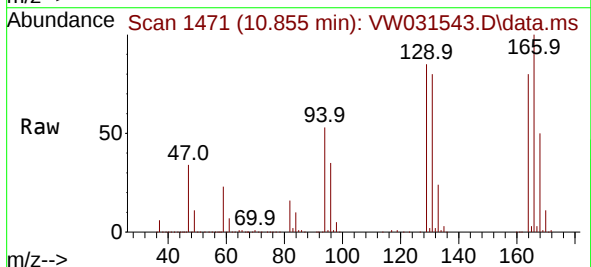


Tgt Ion: 97 Resp: 160525

Ion	Ratio	Lower	Upper
97	100		
99	67.0	43.0	80.0
83	88.0	56.4	104.7
85	56.0	37.9	70.3

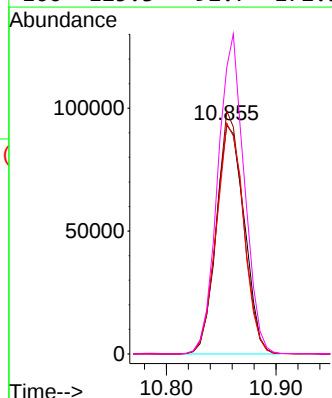
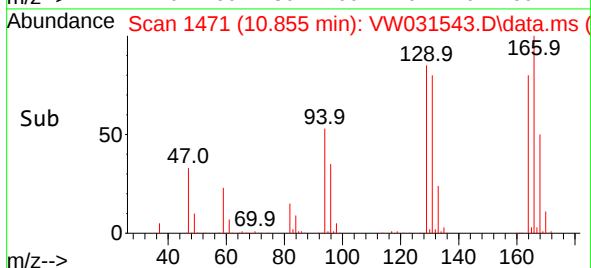


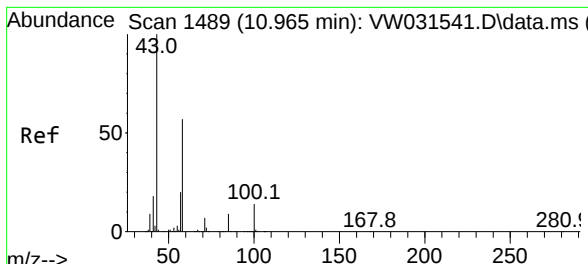
#46
Tetrachloroethene
Concen: 14.852 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43



Tgt Ion: 164 Resp: 166798

Ion	Ratio	Lower	Upper
164	100		
129	106.3	73.5	136.5
131	100.8	66.6	123.8
166	125.3	92.7	172.3



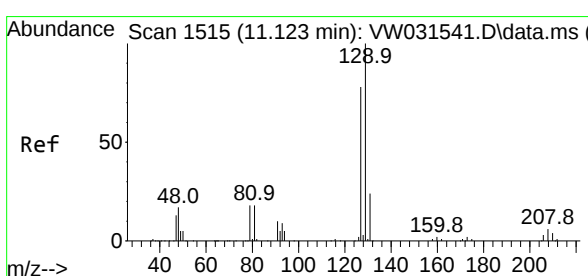
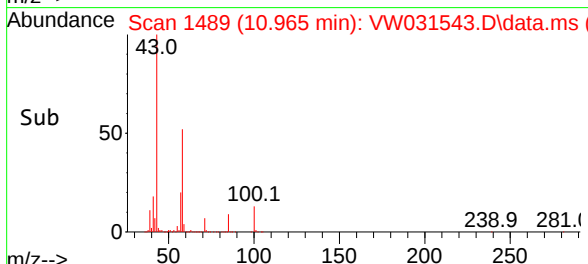
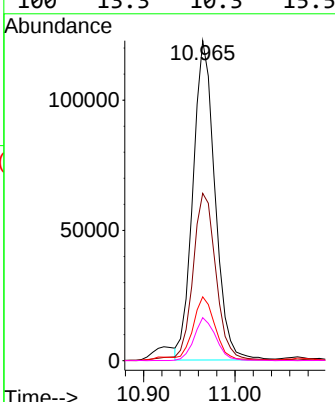
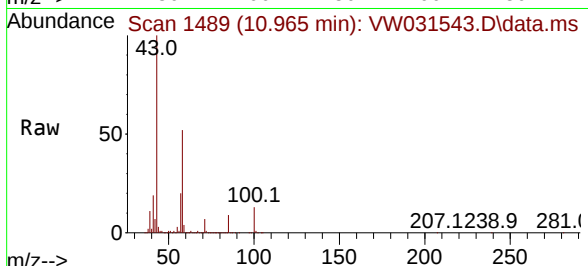


#48
2-Hexanone
Concen: 33.536 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 205011

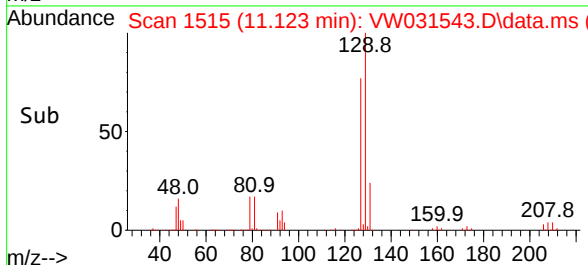
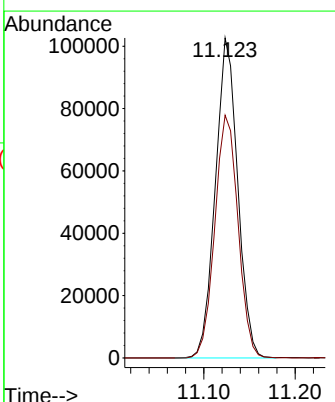
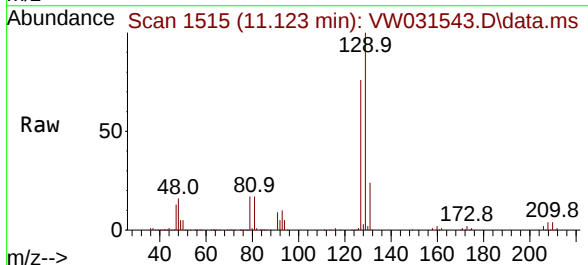
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.0	64.6
57	19.8	15.7	23.5
100	13.3	10.3	15.5

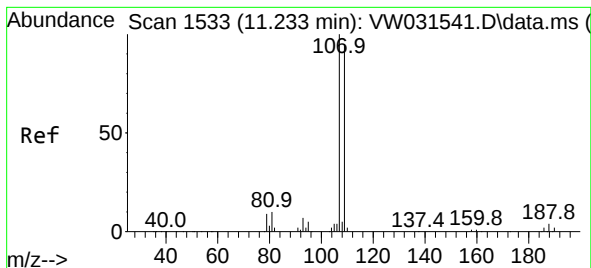


#49
Dibromochloromethane
Concen: 16.352 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion: 129 Resp: 174665

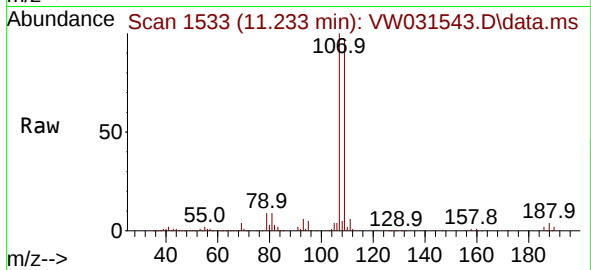
Ion	Ratio	Lower	Upper
129	100		
127	75.9	57.6	107.0



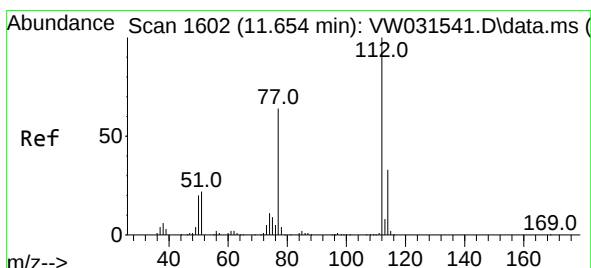
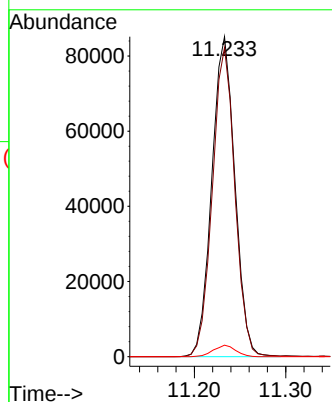
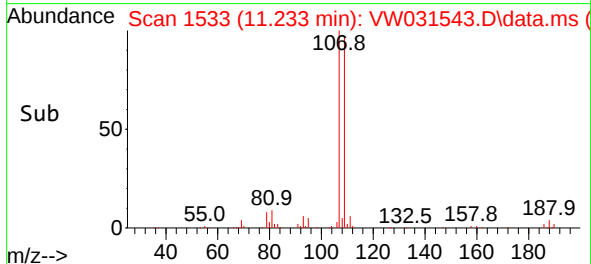


#50
1,2-Dibromoethane
Concen: 17.474 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

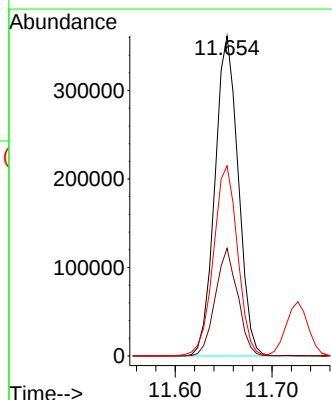
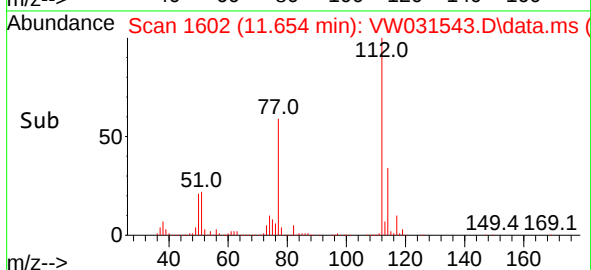
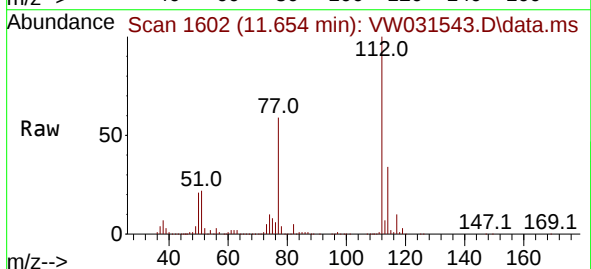


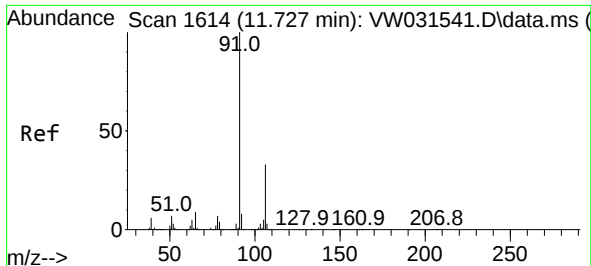
Tgt Ion:107 Resp: 149169
Ion Ratio Lower Upper
107 100
109 96.6 63.2 117.4
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 16.365 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion:112 Resp: 606688
Ion Ratio Lower Upper
112 100
114 33.7 22.7 42.3
77 59.4 50.2 75.4

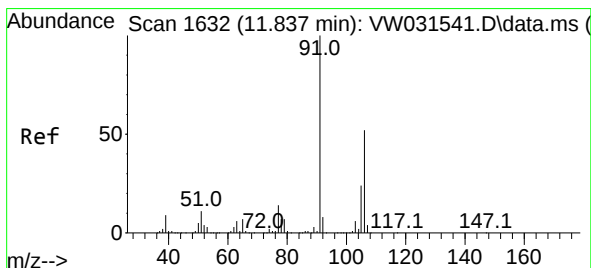
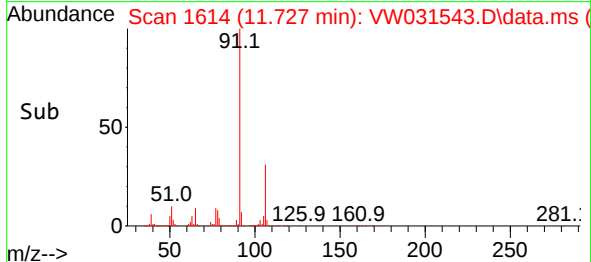
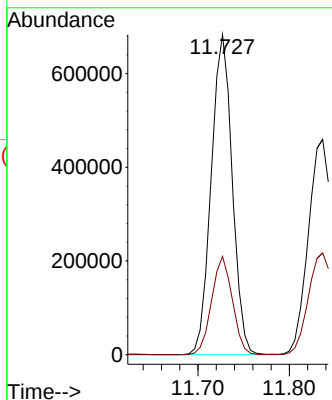
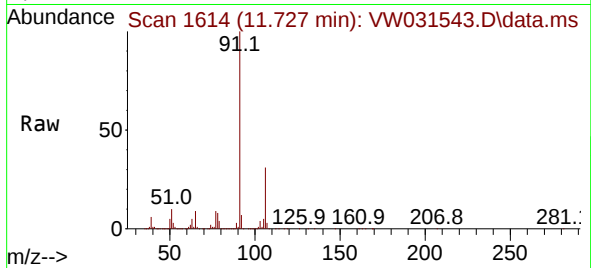




#52
Ethylbenzene
Concen: 15.918 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

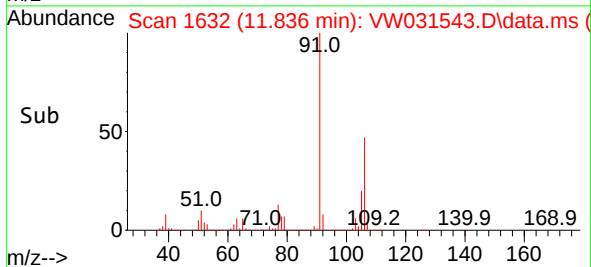
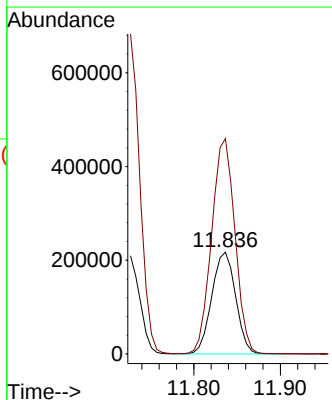
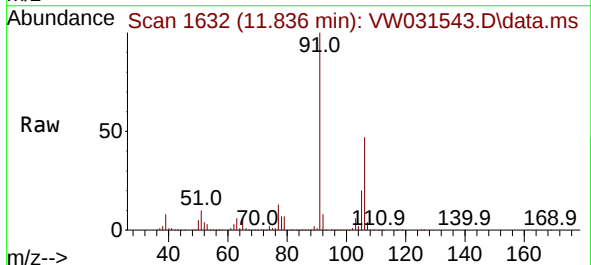
Instrument :
MSVOA_W
ClientSampleId :

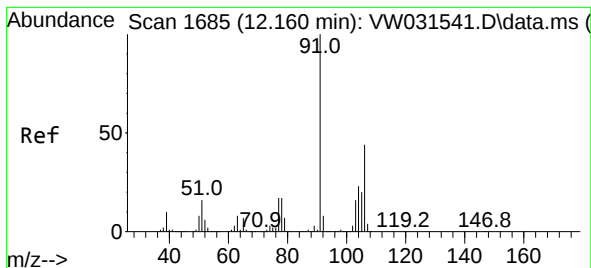
Tgt Ion: 91 Resp: 1090792
Ion Ratio Lower Upper
91 100
106 30.7 20.7 38.5



#53
m,p-Xylene
Concen: 15.937 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion:106 Resp: 415745
Ion Ratio Lower Upper
106 100
91 211.8 139.9 259.7





#54

o-Xylene

Concen: 16.315 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

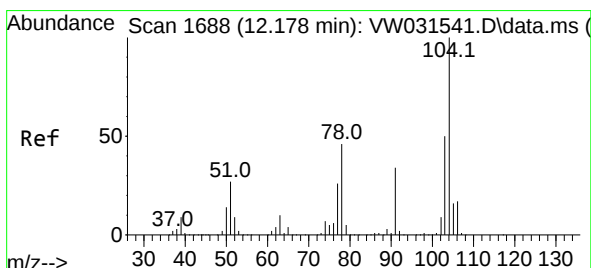
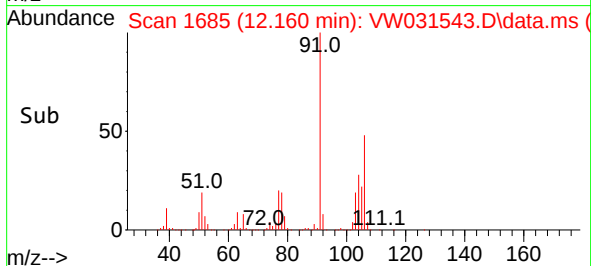
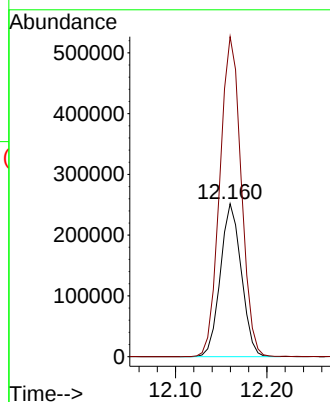
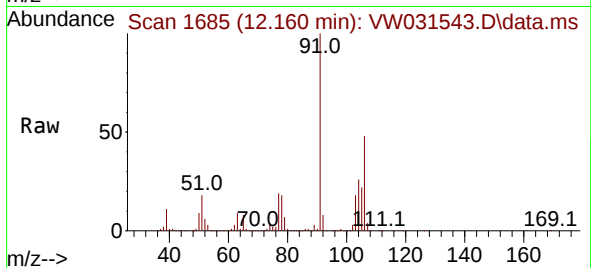
ClientSampleId :

Tgt Ion:106 Resp: 401119

Ion Ratio Lower Upper

106 100

91 209.2 153.1 284.3



#55

Styrene

Concen: 16.827 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031543.D

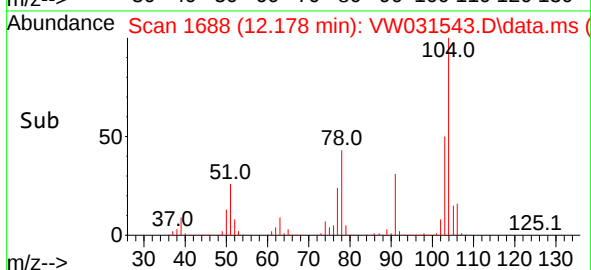
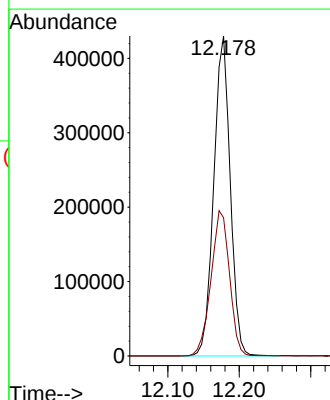
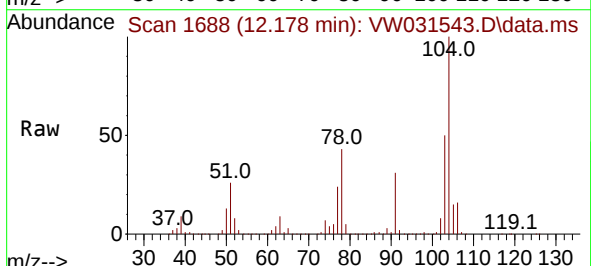
Acq: 27 Dec 2024 11:43

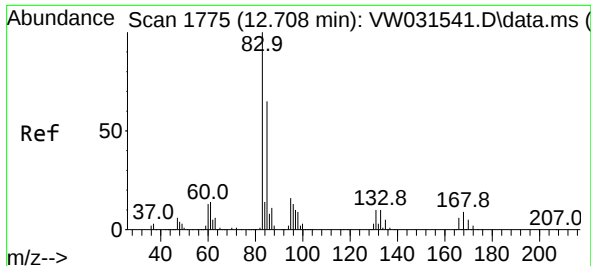
Tgt Ion:104 Resp: 688152

Ion Ratio Lower Upper

104 100

78 43.2 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 18.848 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

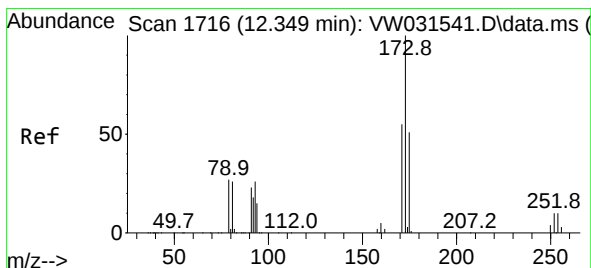
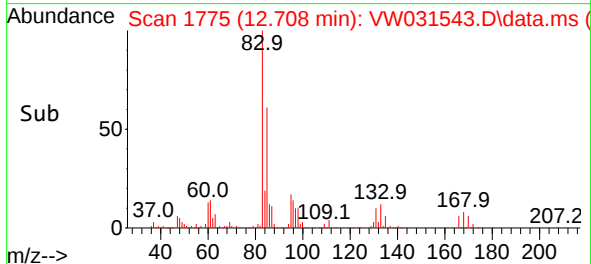
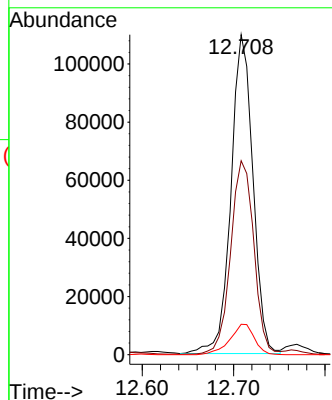
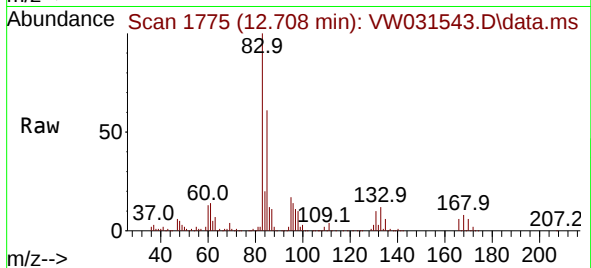
Tgt Ion: 83 Resp: 183096

Ion Ratio Lower Upper

83 100

85 60.6 44.1 81.9

131 9.5 7.9 11.9



#59

Bromoform

Concen: 15.763 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

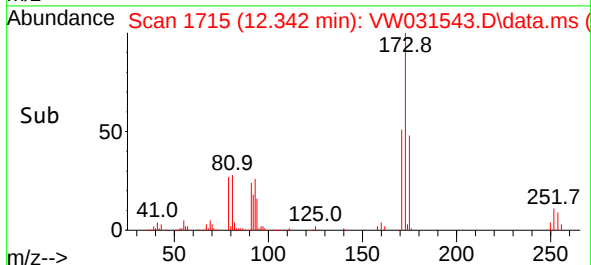
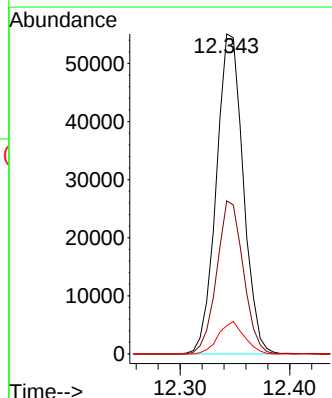
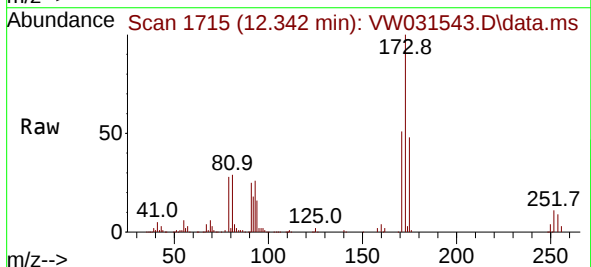
Tgt Ion: 173 Resp: 94011

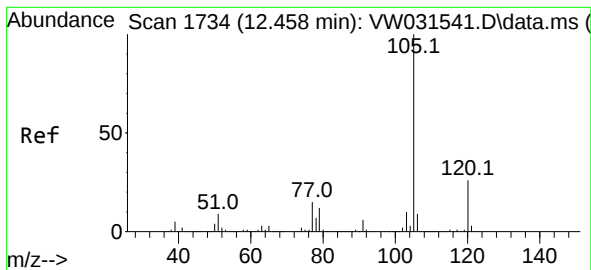
Ion Ratio Lower Upper

173 100

175 47.3 38.6 57.8

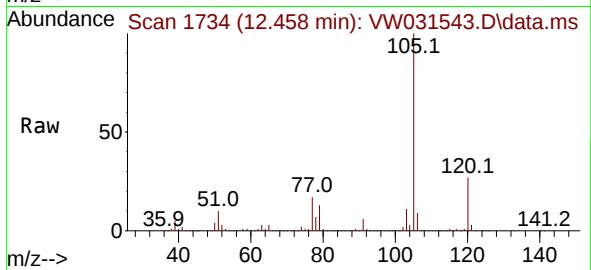
254 9.8 7.6 11.4



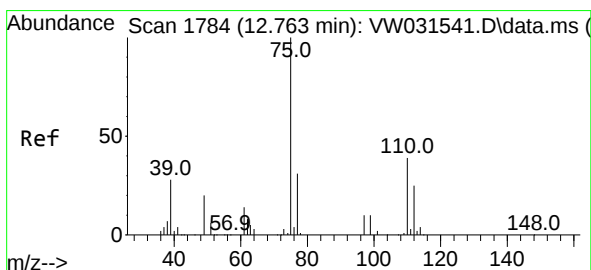
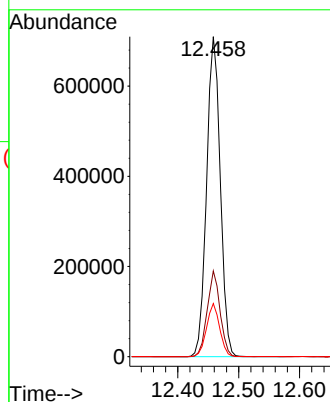
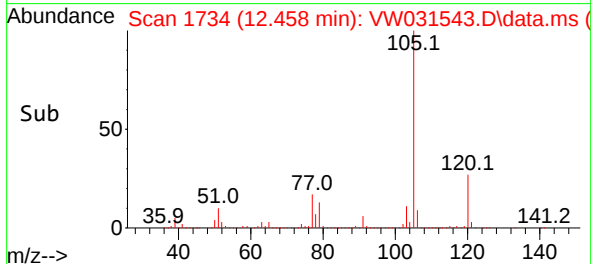


#60
Isopropylbenzene
Concen: 15.921 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

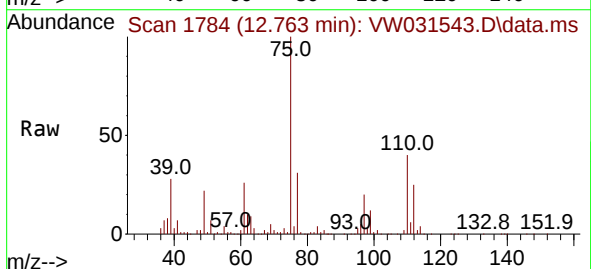
Instrument :
MSVOA_W
ClientSampleId :



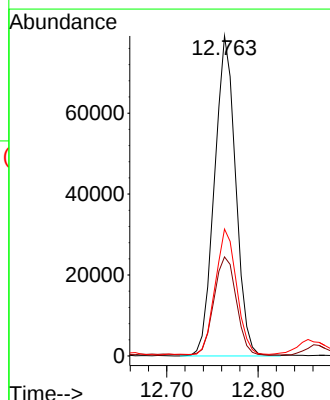
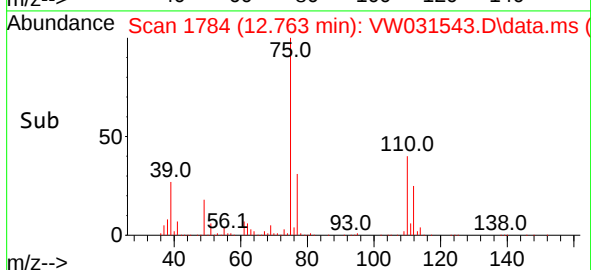
Tgt Ion:105 Resp: 1106060
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 15.9 12.8 19.2

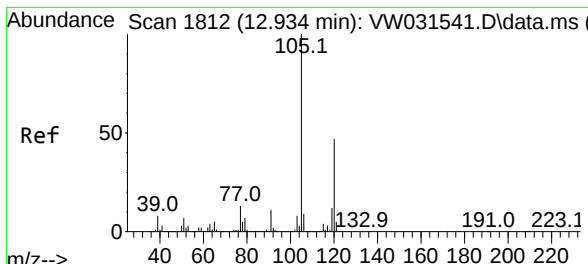


#61
1,2,3-Trichloropropane
Concen: 17.516 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43



Tgt Ion: 75 Resp: 127244
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 39.5 31.2 46.8

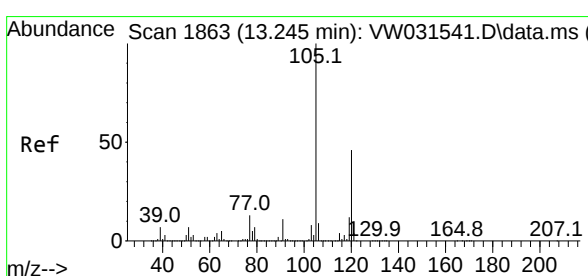
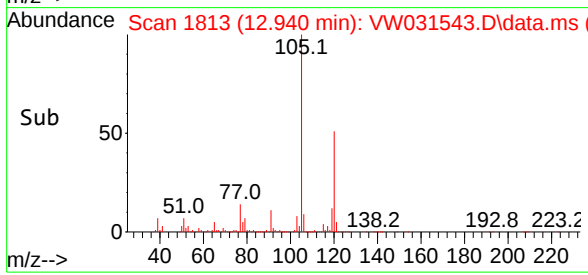
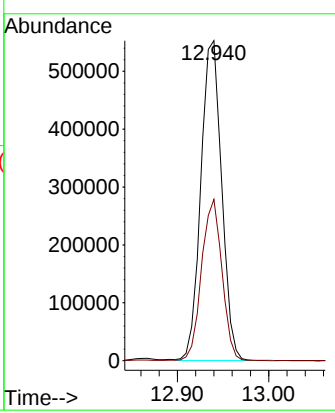
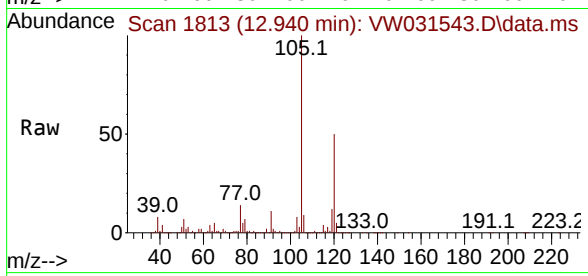




#62
1,3,5-Trimethylbenzene
Concen: 14.872 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

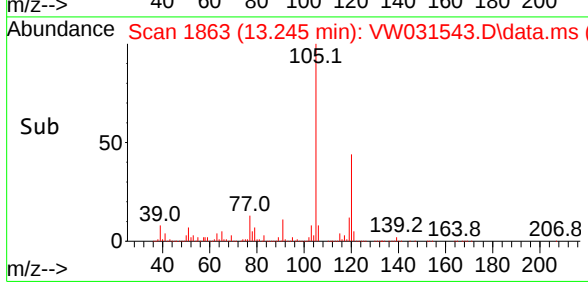
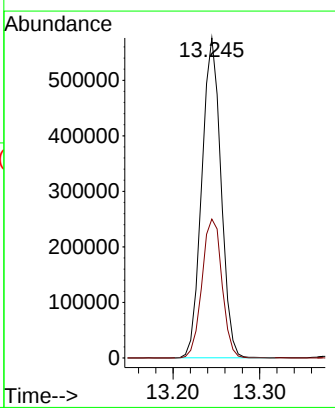
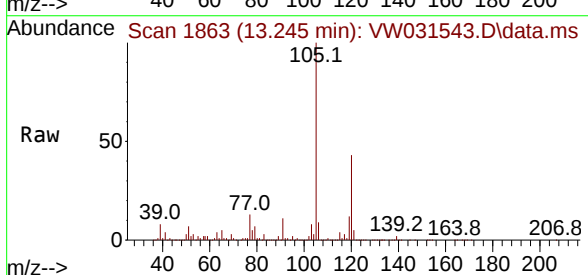
Instrument :
MSVOA_W
ClientSampleId :

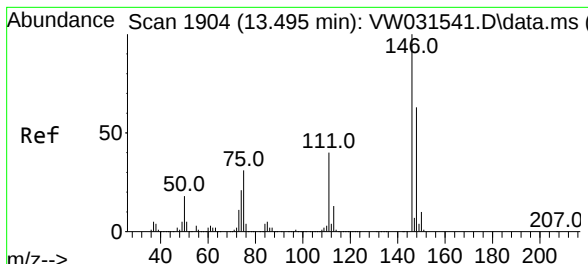
Tgt Ion:105 Resp: 875938
Ion Ratio Lower Upper
105 100
120 49.3 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 15.560 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

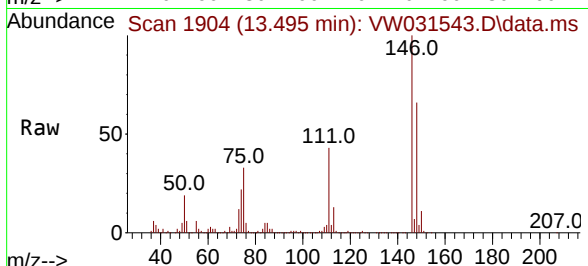
Tgt Ion:105 Resp: 885788
Ion Ratio Lower Upper
105 100
120 45.2 35.0 52.4



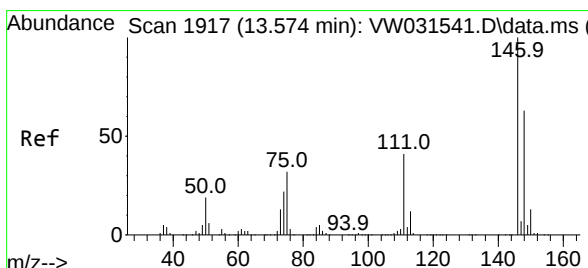
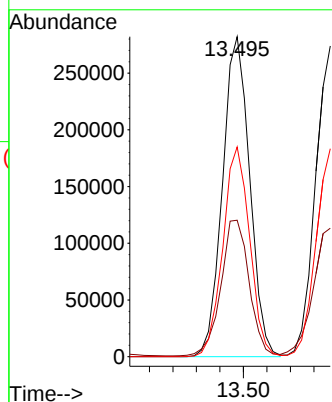
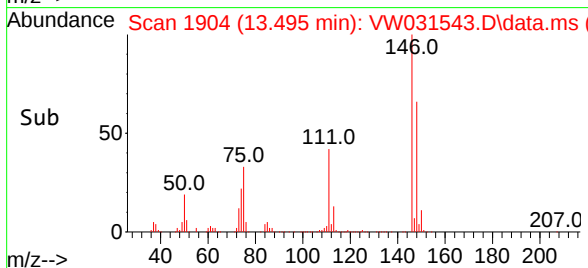


#64
1,3-Dichlorobenzene
Concen: 16.117 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

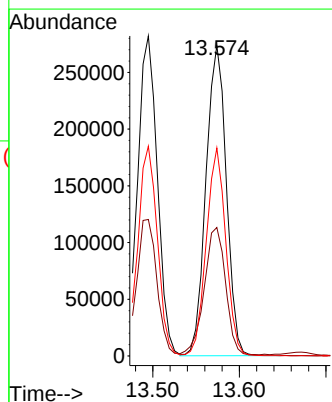
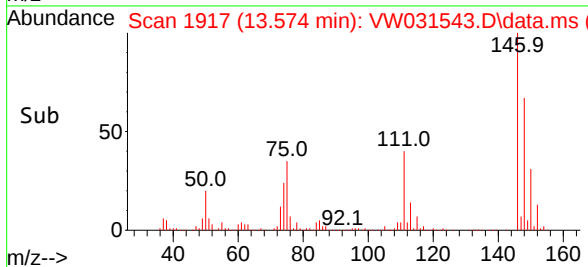
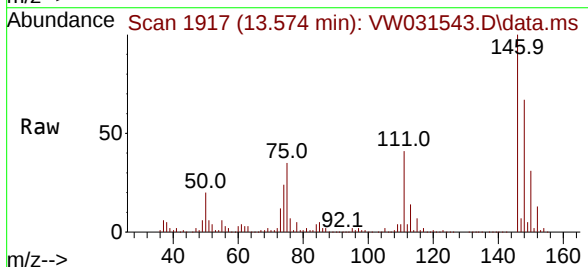


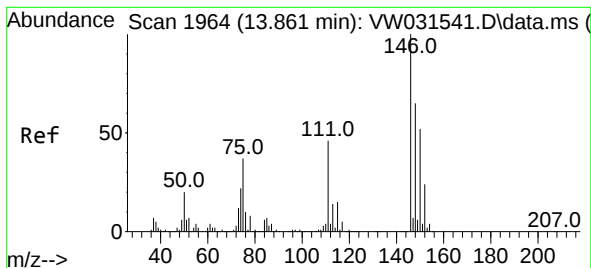
Tgt Ion:146 Resp: 453647
Ion Ratio Lower Upper
146 100
111 42.6 27.6 51.2
148 65.6 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 16.001 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

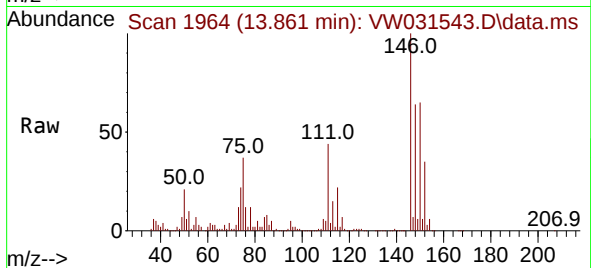
Tgt Ion:146 Resp: 446240
Ion Ratio Lower Upper
146 100
111 41.3 30.7 56.9
148 66.9 46.5 86.3



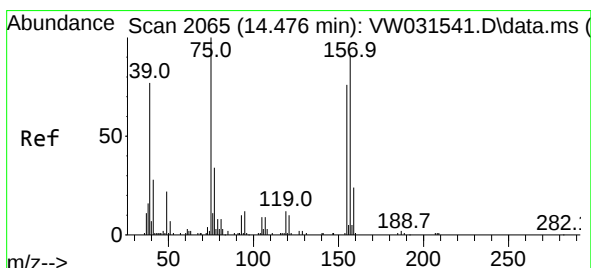
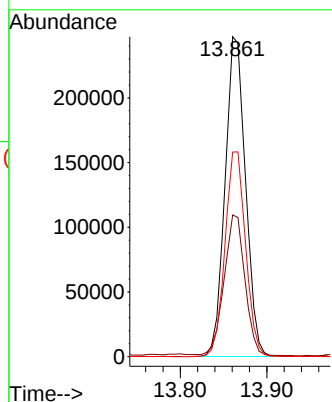
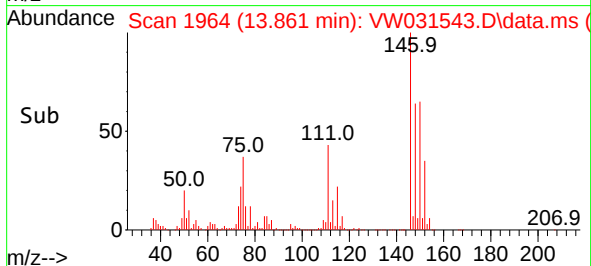


#67
1,2-Dichlorobenzene
Concen: 16.719 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

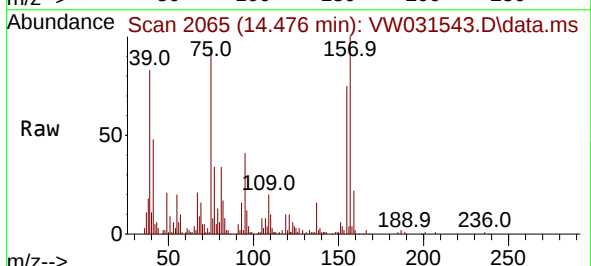
Instrument :
MSVOA_W
ClientSampleId :



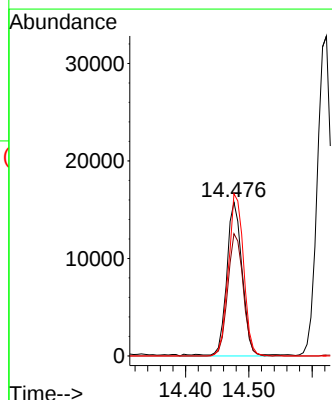
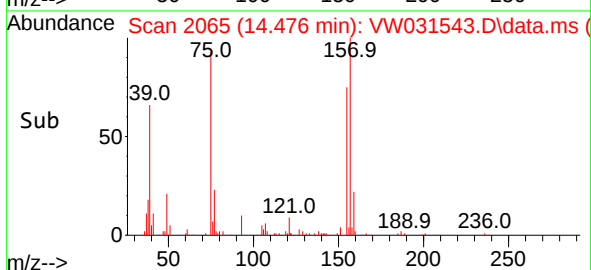
Tgt Ion:146 Resp: 405485
Ion Ratio Lower Upper
146 100
111 44.3 38.6 58.0
148 63.9 53.6 80.4

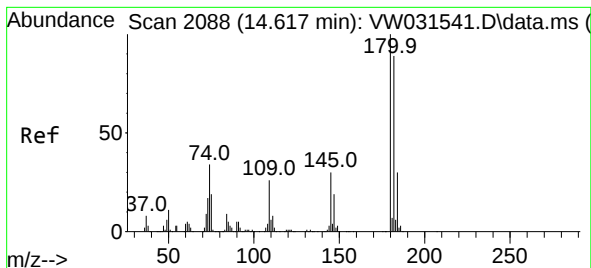


#68
1,2-Dibromo-3-chloropropane
Concen: 14.621 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43



Tgt Ion: 75 Resp: 26953
Ion Ratio Lower Upper
75 100
155 79.5 56.6 85.0
157 105.6 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 13.920 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.006 min

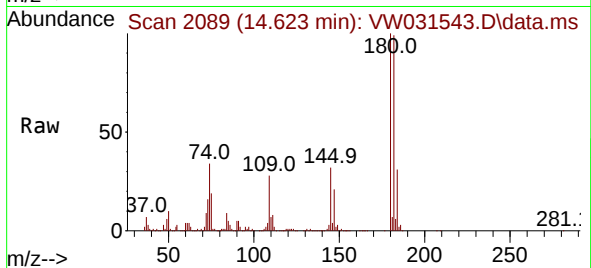
Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 274404

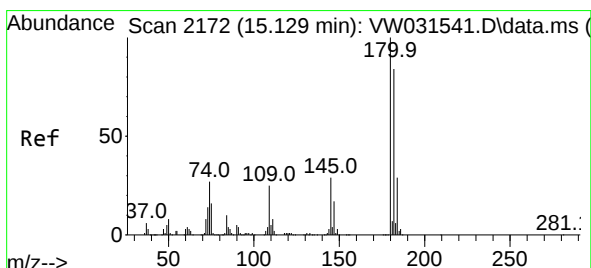
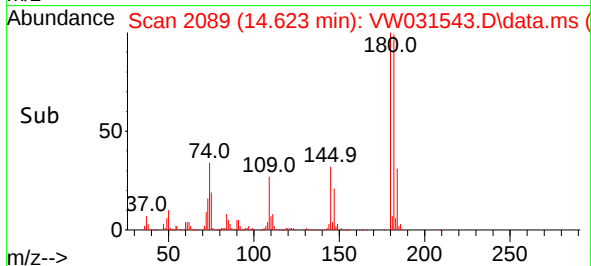
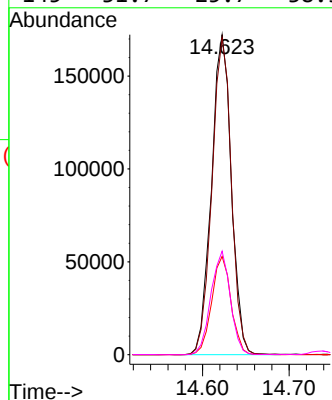
Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.4

184 29.9 24.6 36.8

145 31.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 13.596 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

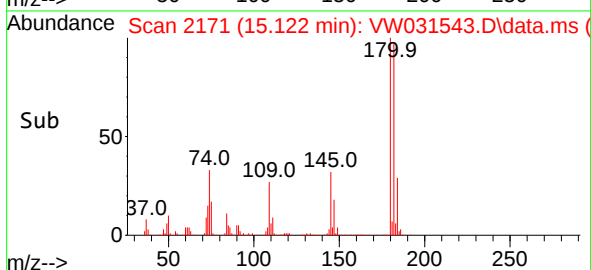
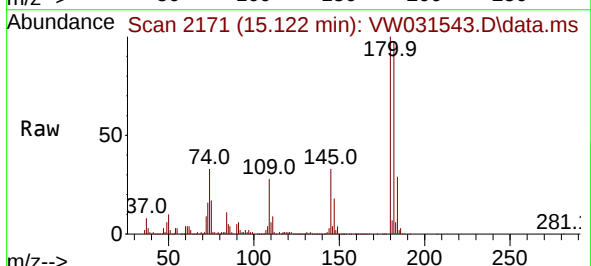
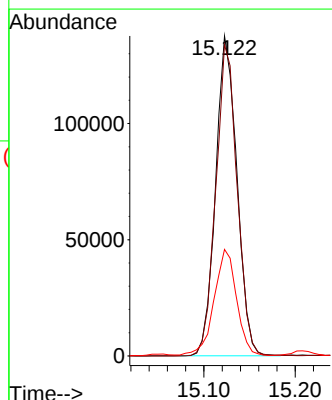
Tgt Ion:180 Resp: 222956

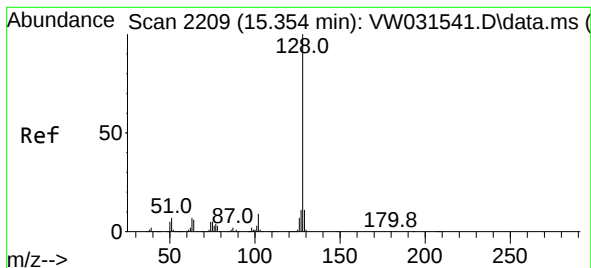
Ion Ratio Lower Upper

180 100

182 97.5 78.2 117.2

145 35.2 26.7 40.1





#71

Naphthalene

Concen: 15.449 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

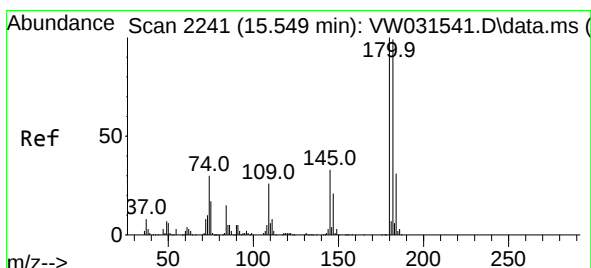
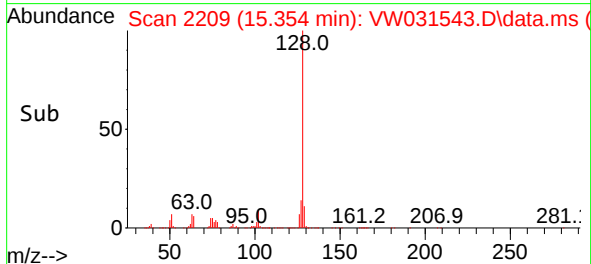
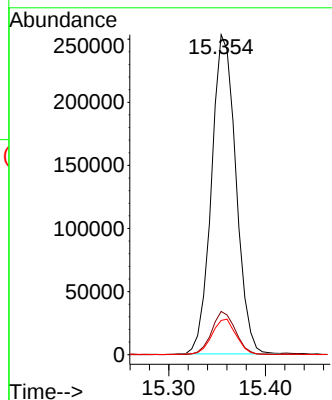
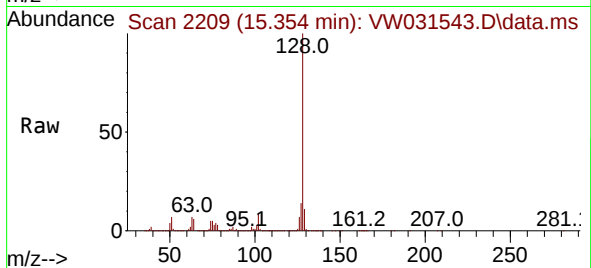
Tgt Ion:128 Resp: 444156

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 13.818 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Tgt Ion:180 Resp: 182570

Ion Ratio Lower Upper

180 100

182 92.6 75.0 112.4

145 35.9 27.8 41.6

