

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

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

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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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

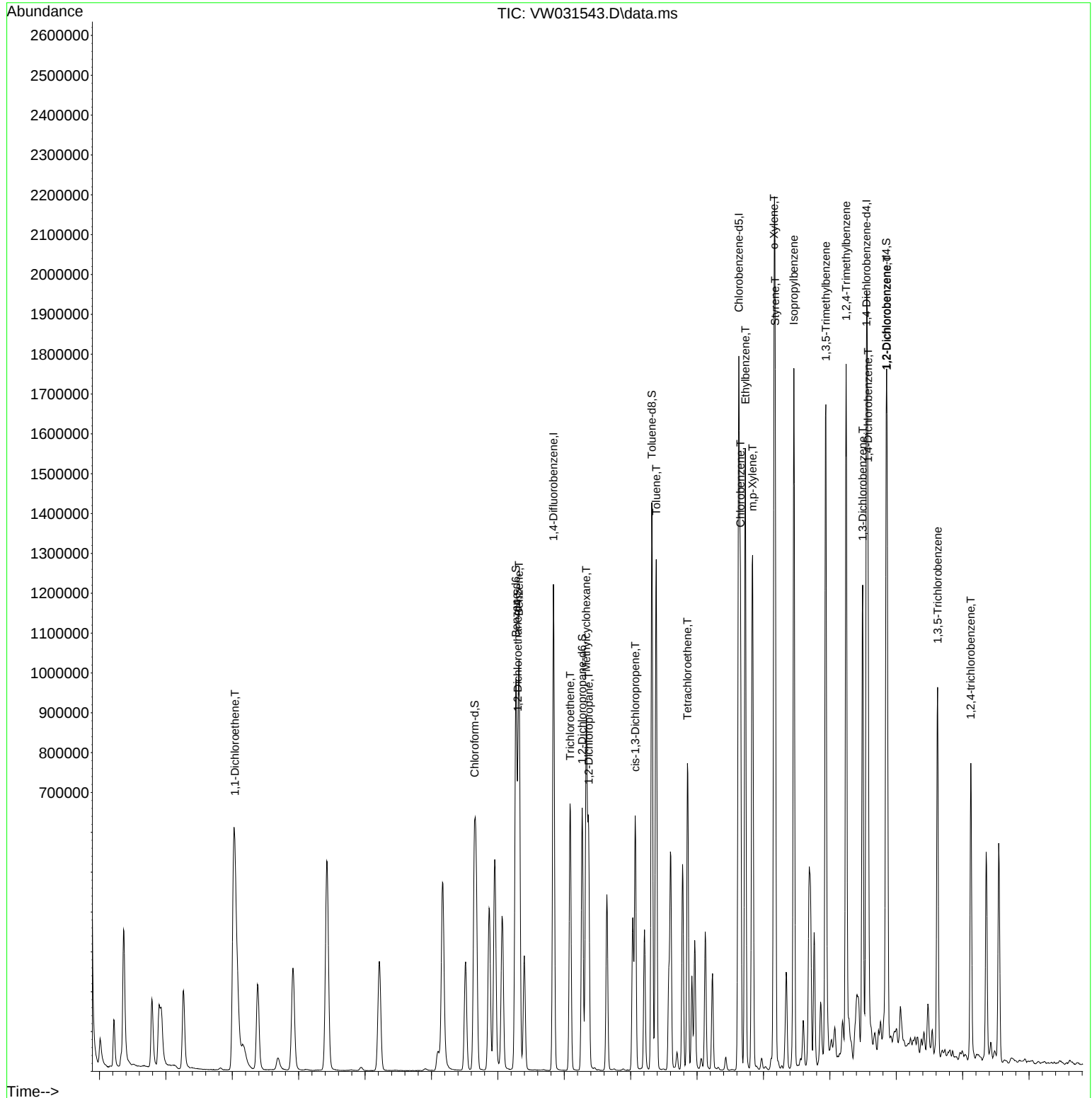
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	265282	17.184	ug/L	99
29) Cyclohexane	7.953	56	317229	13.311	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	339151	14.931	ug/L	99
31) Carbon tetrachloride	8.063	117	292299	14.444	ug/L	98
33) Benzene	8.319	78	869545	16.011	ug/L	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

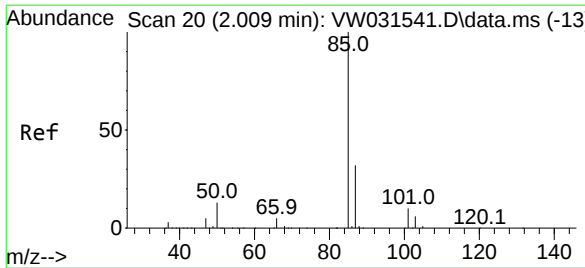
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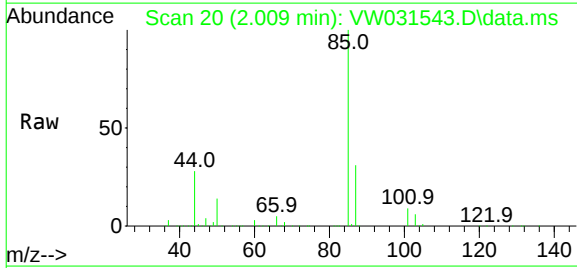
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 27 22:18:12 2024
Response via : Initial Calibration



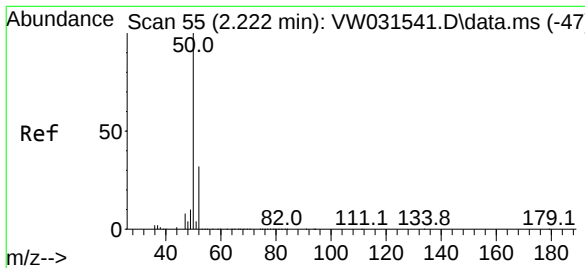
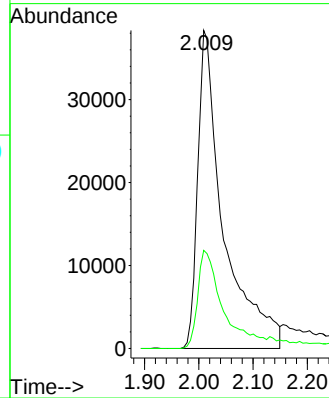
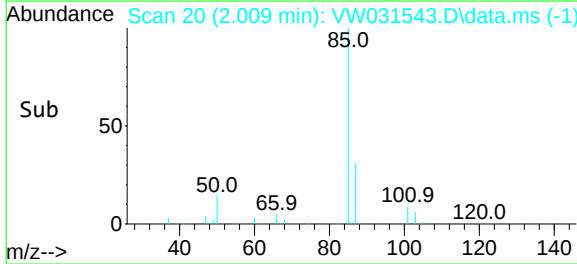


#2
 Dichlorodifluoromethane
 Concen: 13.848 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

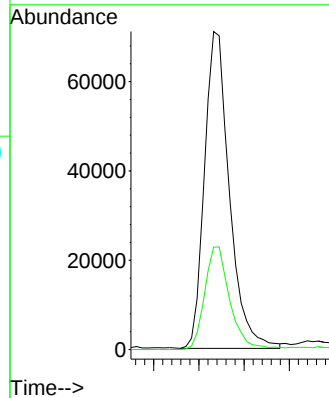
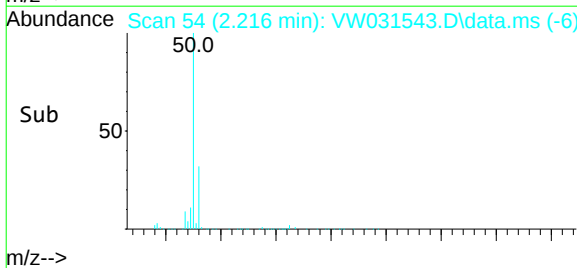
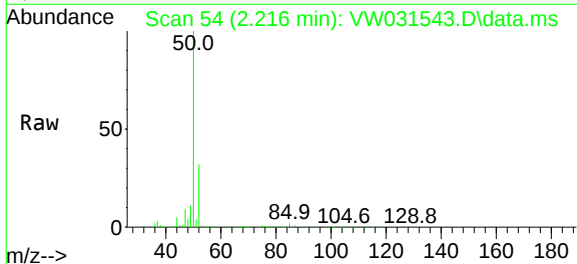


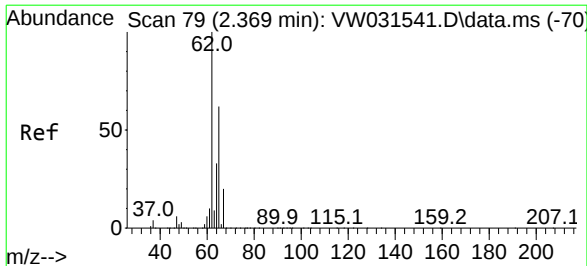
Tgt Ion: 85 Resp: 126097
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.9 37.3



#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

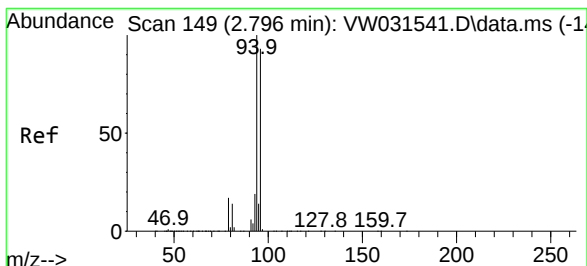
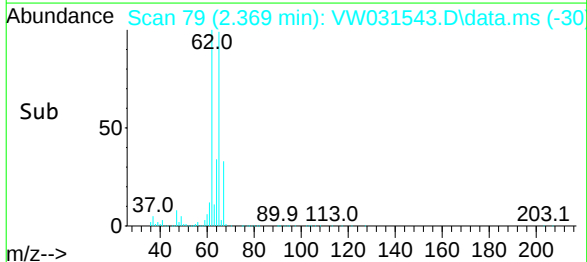
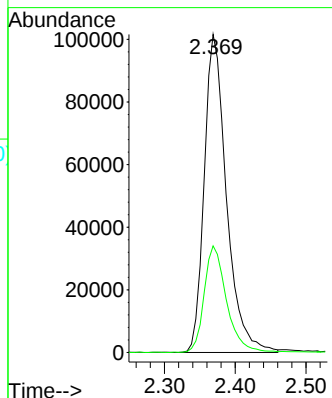
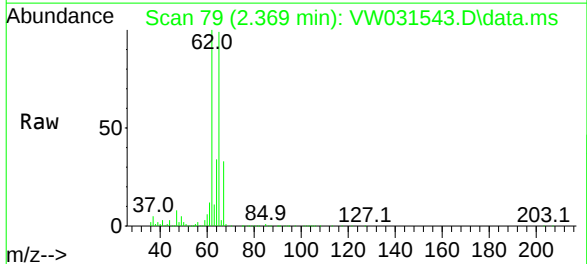




#5
 Vinyl chloride
 Concen: 15.662 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

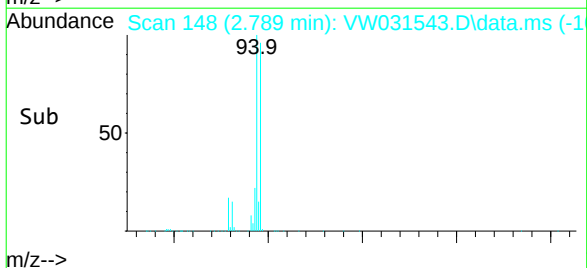
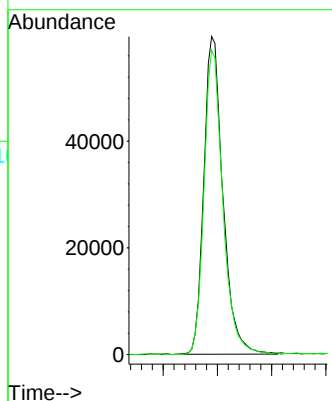
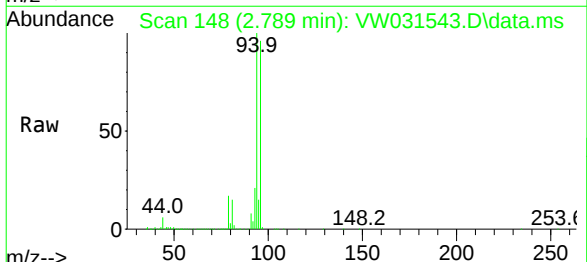
Instrument :
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 ClientSampleId :
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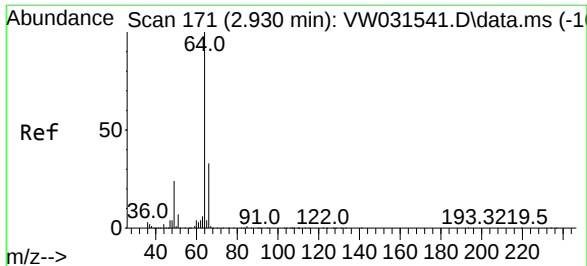
Tgt Ion: 62 Resp: 222046
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.1 44.8



#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

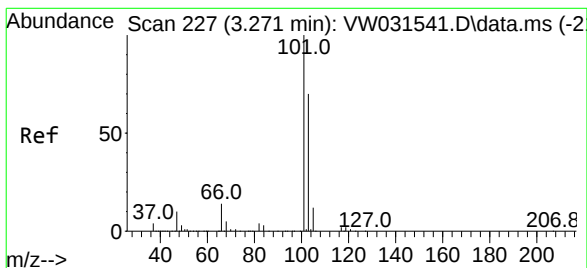
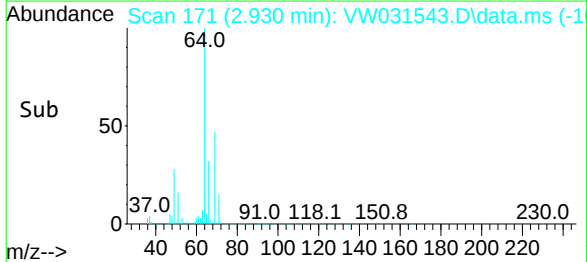
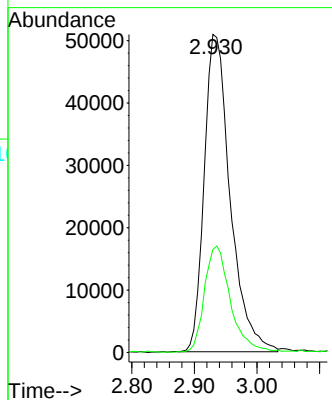
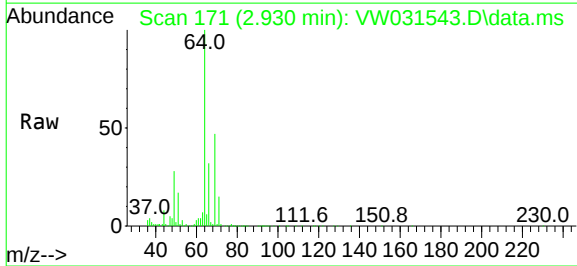




#8
Chloroethane
Concen: 17.408 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

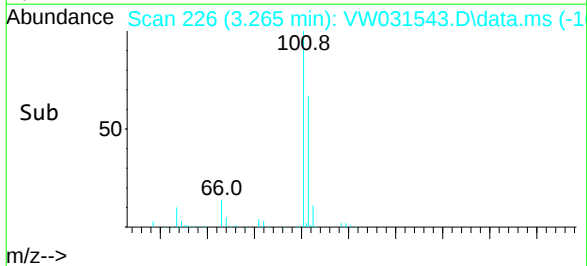
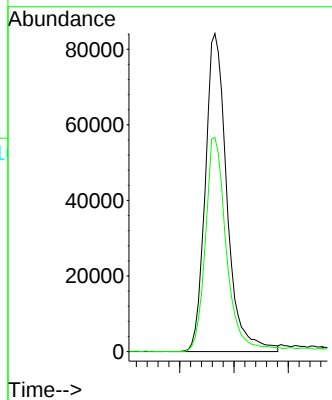
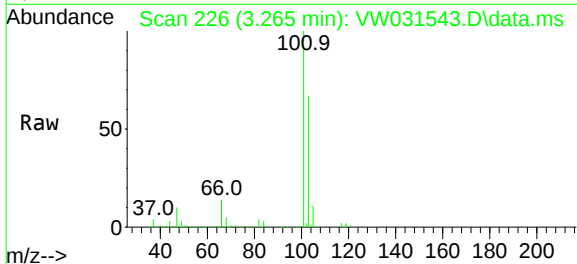
Instrument :
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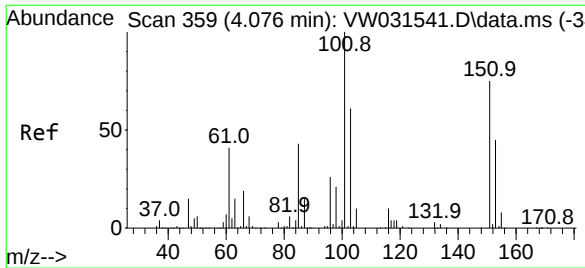
Tgt Ion: 64 Resp: 146766
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 15.438 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Tgt Ion: 101 Resp: 233166
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

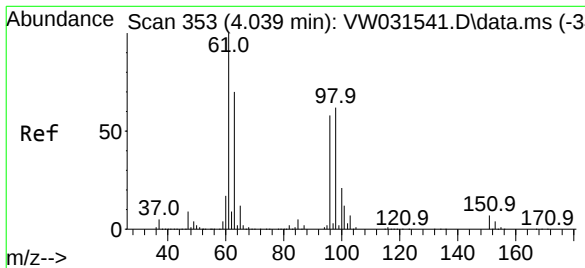
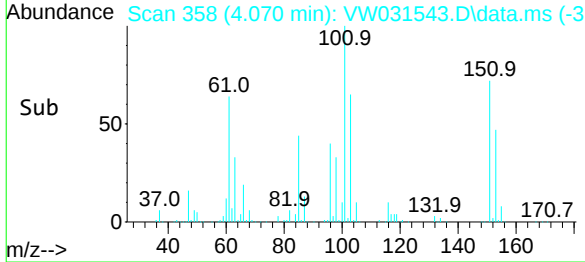
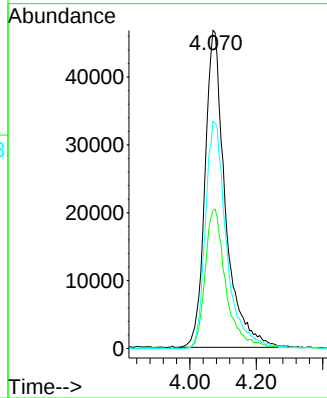
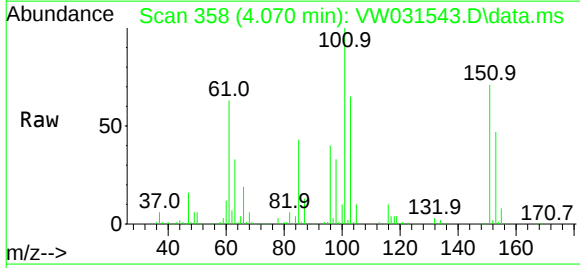




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.285 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

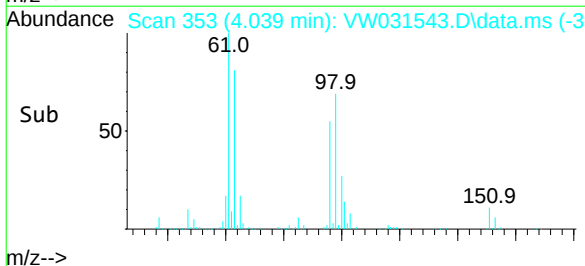
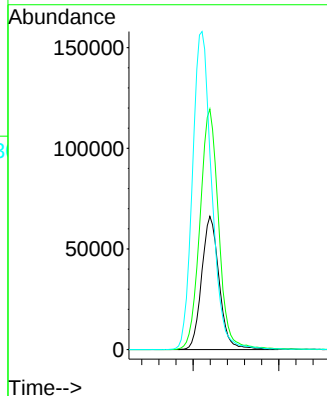
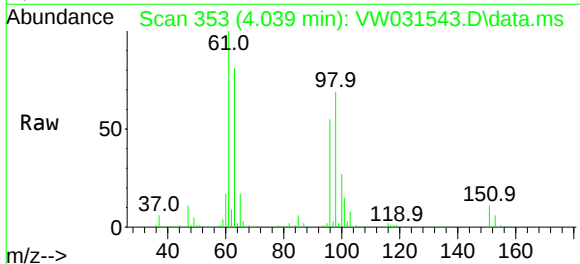
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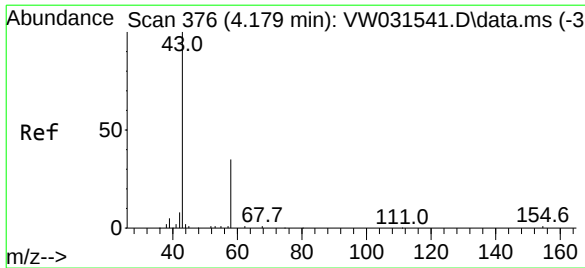
Tgt Ion: 101 Resp: 198602
Ion Ratio Lower Upper
101 100
85 43.0 33.0 49.4
151 73.5 54.8 82.2



#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# 37

Delta R.T. -0.012 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

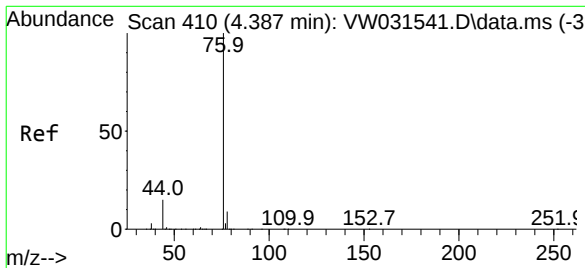
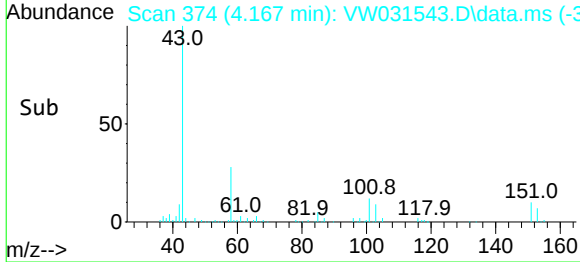
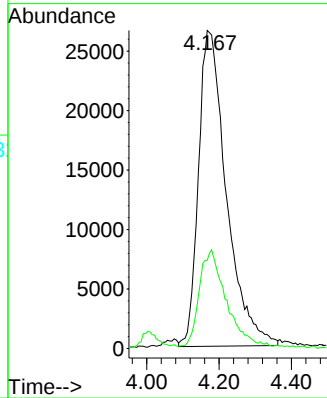
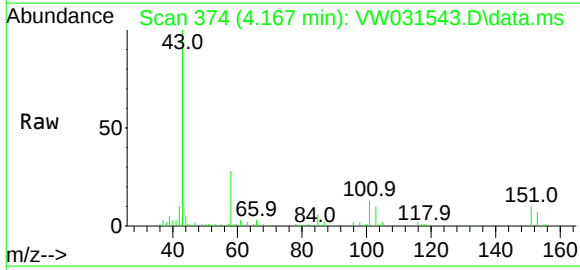
YE634MSD

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

Lab File: VW031543.D

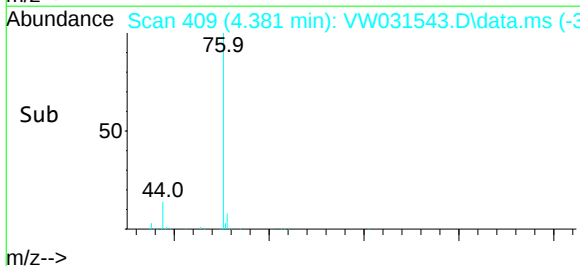
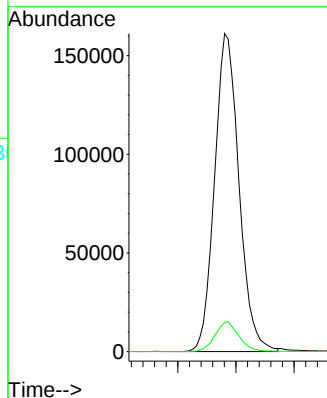
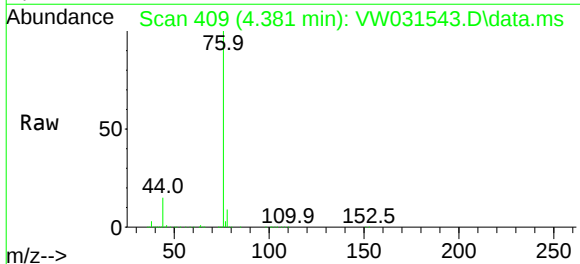
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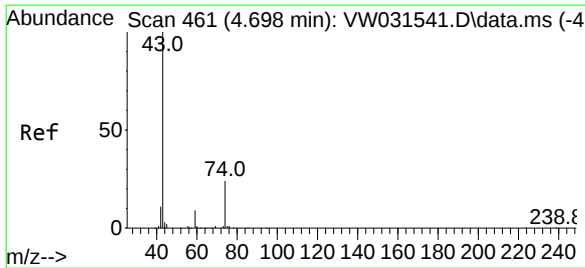
Tgt Ion: 76 Resp: 470280

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# 459

Delta R.T. -0.012 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

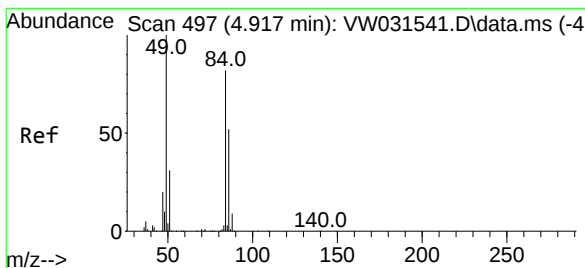
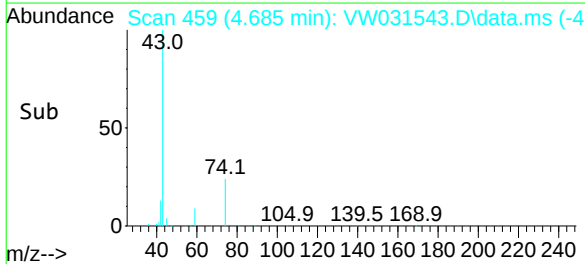
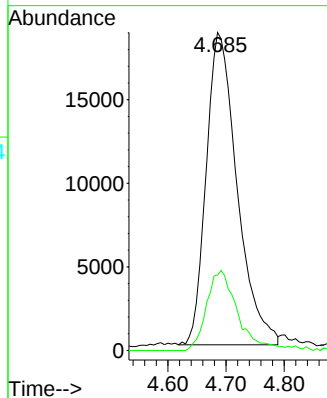
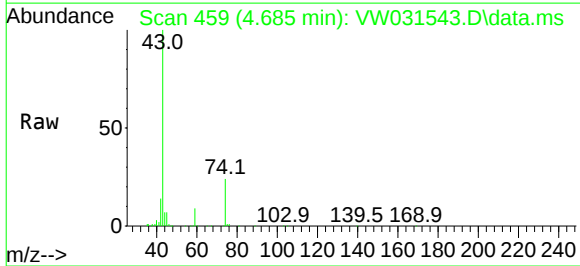
YE634MSD

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

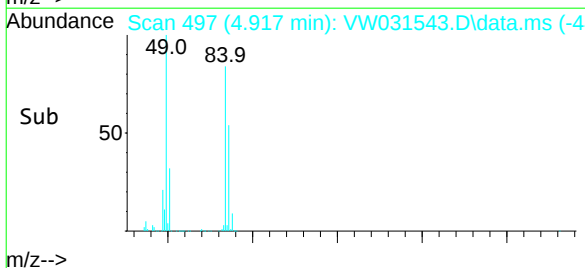
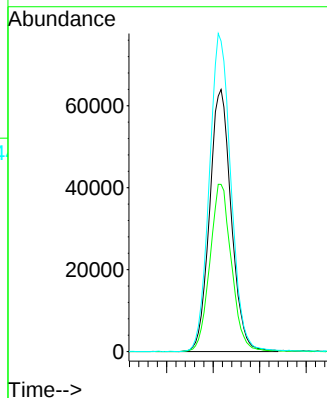
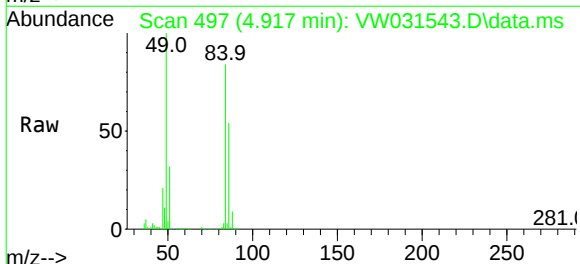
Tgt Ion: 84 Resp: 206940

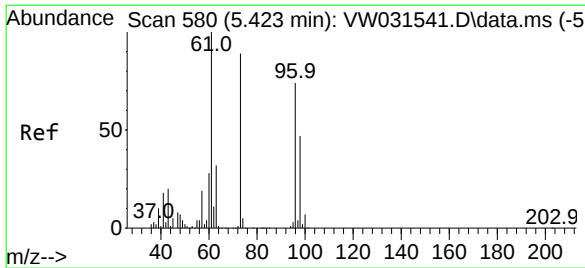
Ion Ratio Lower Upper

84 100

86 63.8 44.7 82.9

49 118.4 88.3 164.1

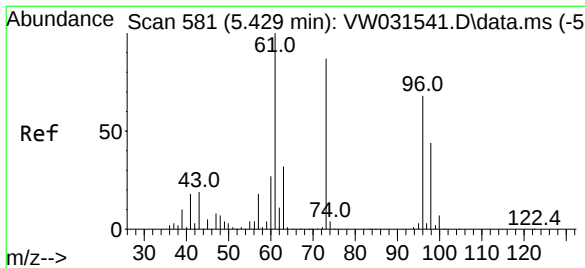
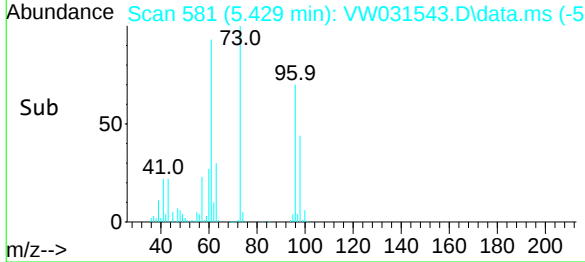
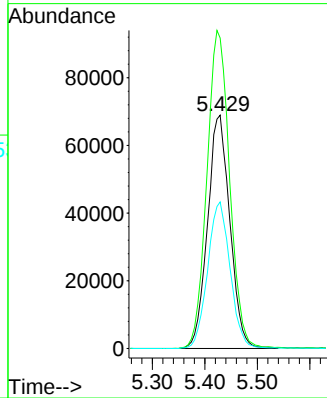
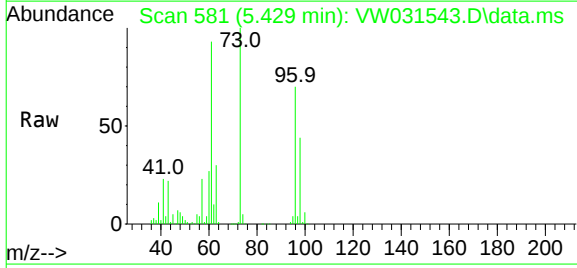




#17
trans-1,2-Dichloroethene
Concen: 15.315 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

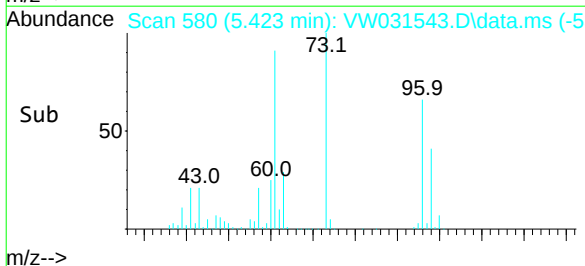
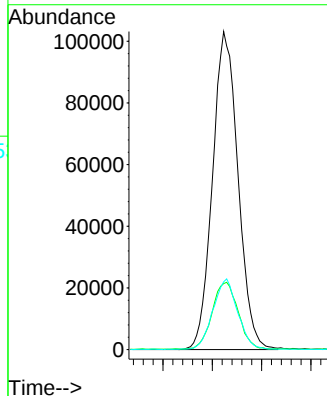
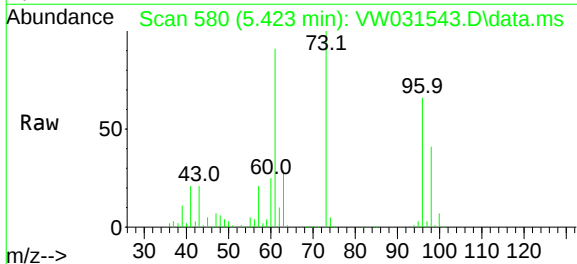
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

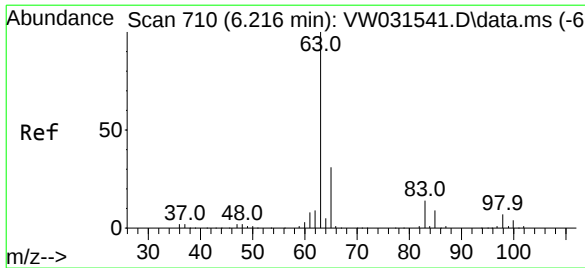
Tgt Ion: 96 Resp: 203918
Ion Ratio Lower Upper
96 100
61 133.0 100.7 187.1
98 62.8 43.8 81.3



#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 :

YE634MSD

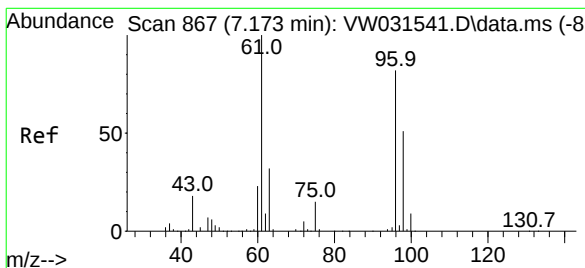
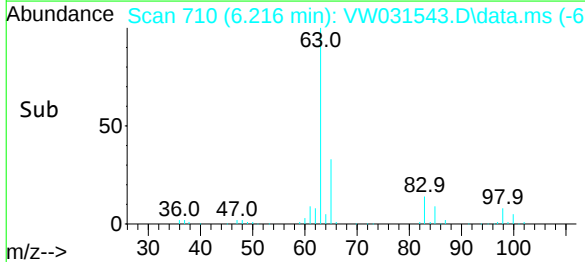
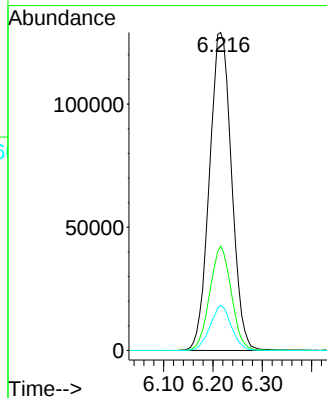
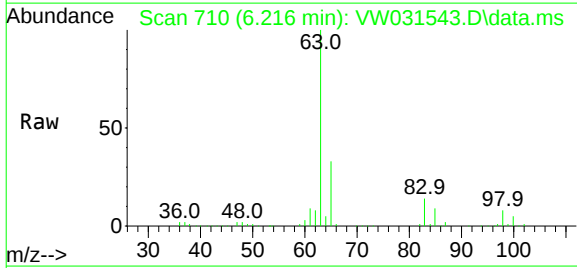
Tgt Ion: 63 Resp: 403093

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

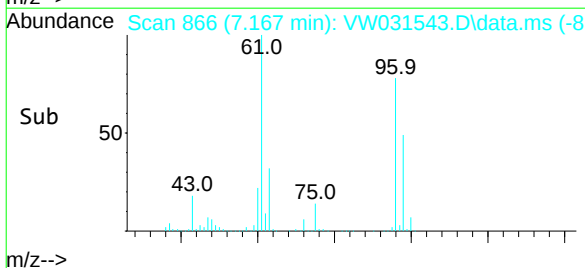
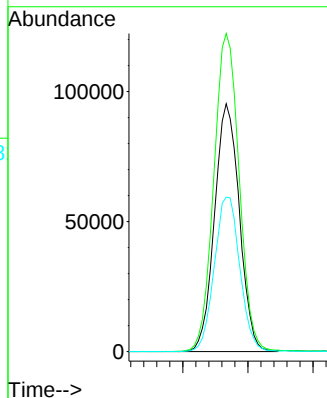
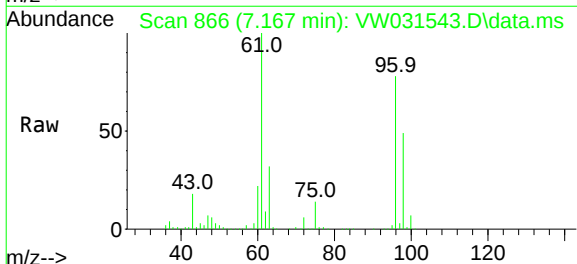
Tgt Ion: 96 Resp: 252608

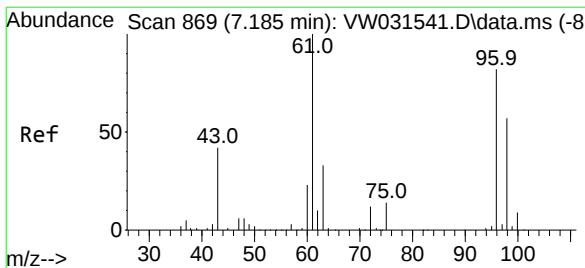
Ion Ratio Lower Upper

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 :

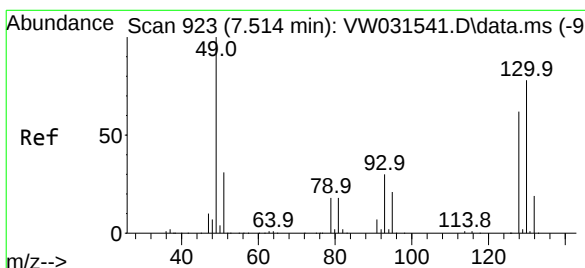
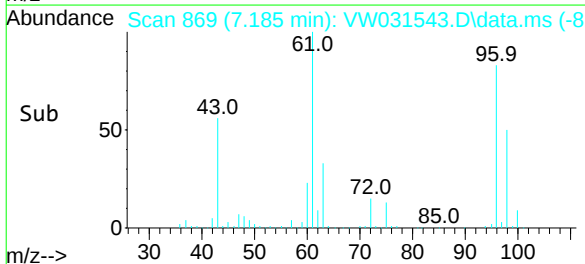
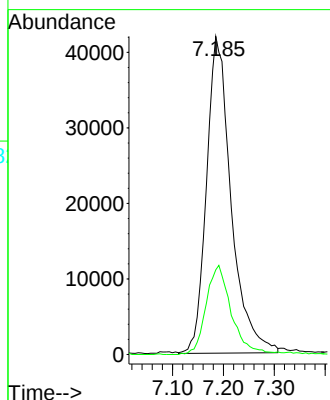
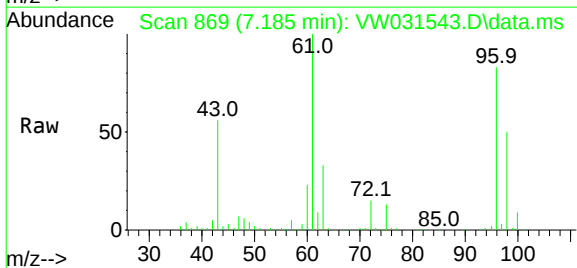
YE634MSD

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

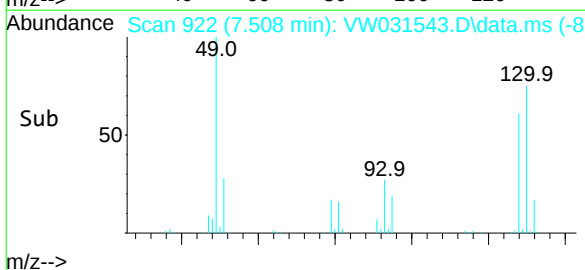
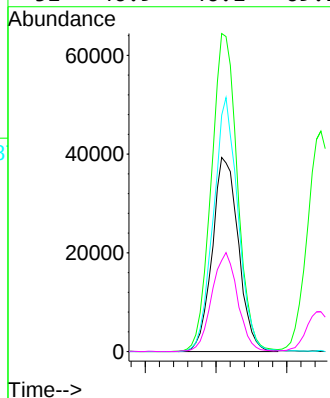
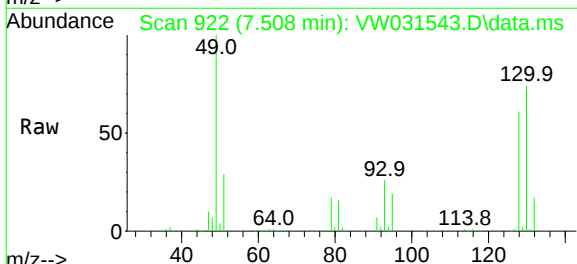
Ion Ratio Lower Upper

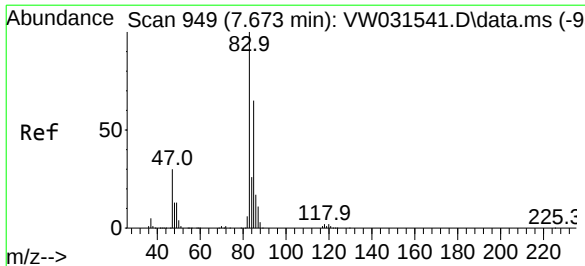
128 100

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# 95

Delta R.T. 0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

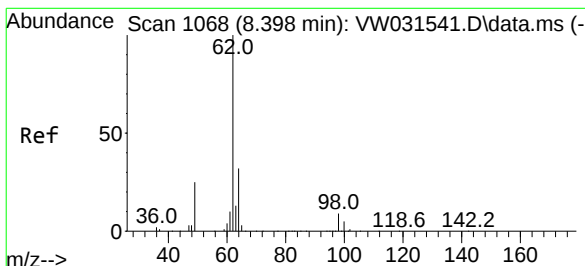
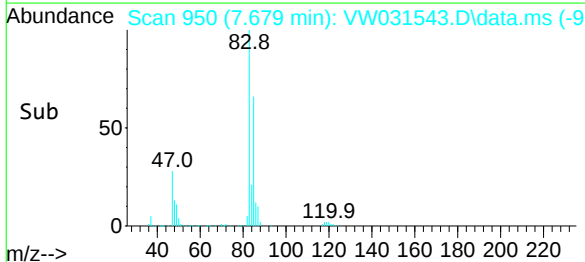
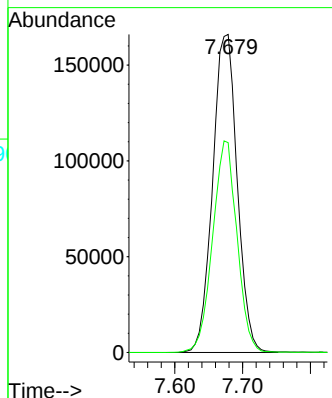
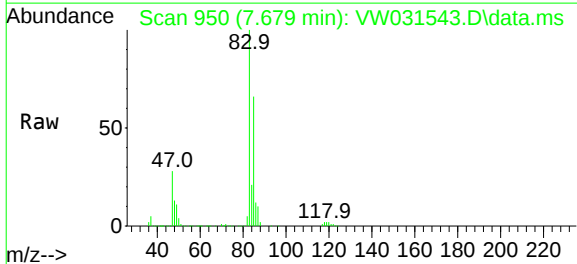
YE634MSD

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

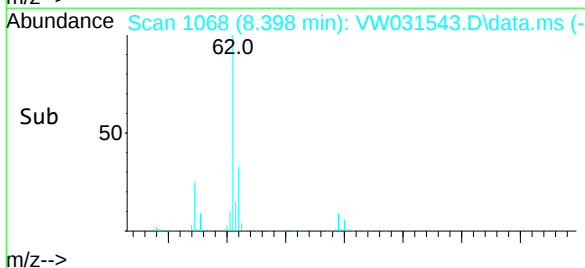
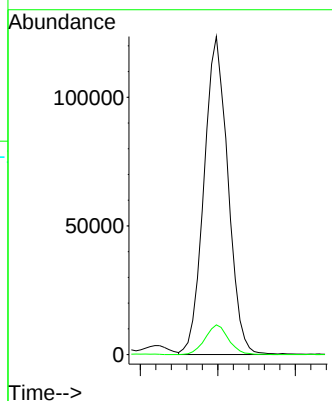
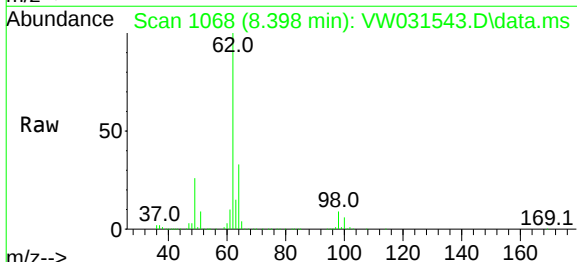
Acq: 27 Dec 2024 11:43

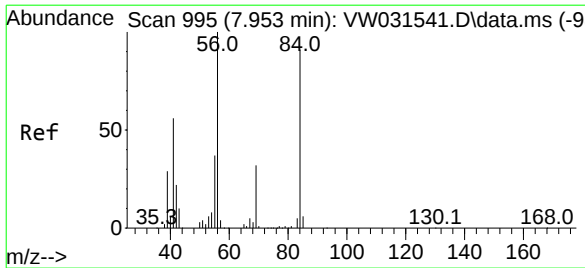
Tgt Ion: 62 Resp: 265282

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8

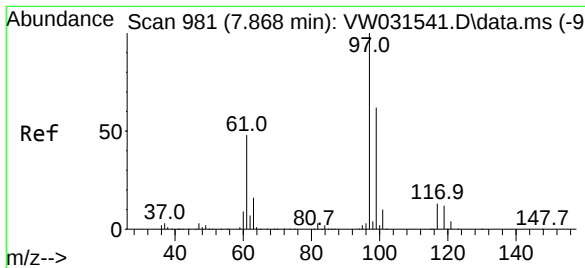
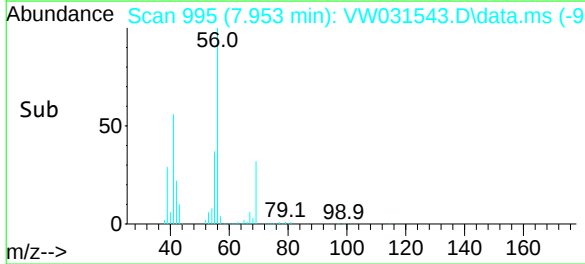
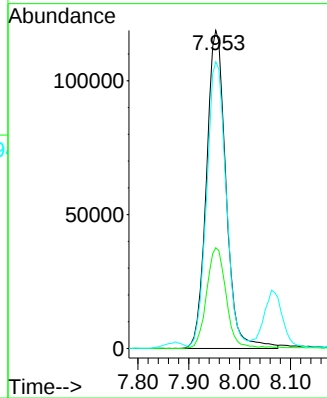
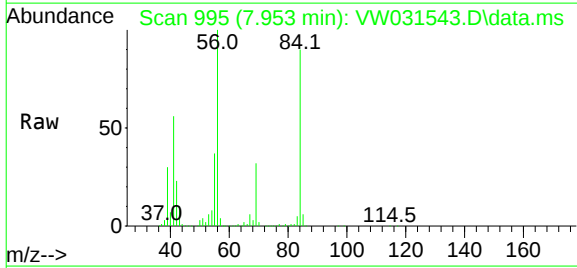




#29
Cyclohexane
Concen: 13.311 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

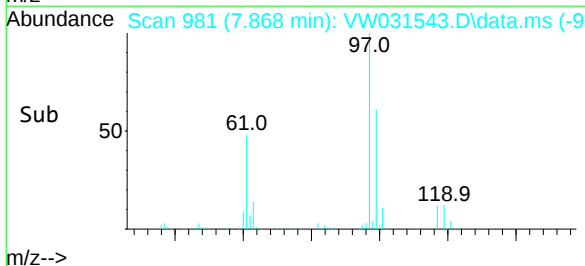
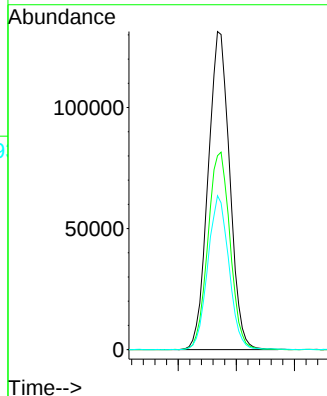
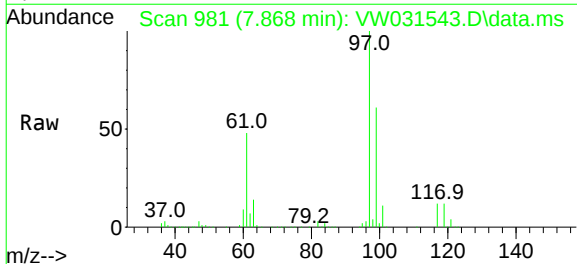
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

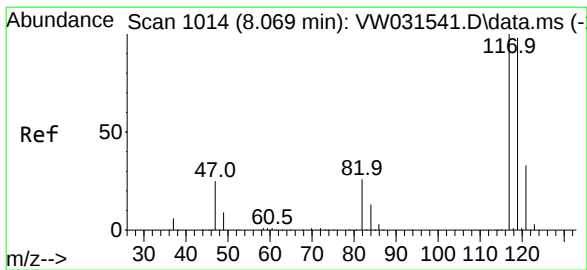
Tgt Ion:	56	Resp:	317229
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.0	37.4
84	89.3	68.9	103.3



#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# 1014

Delta R.T. -0.006 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

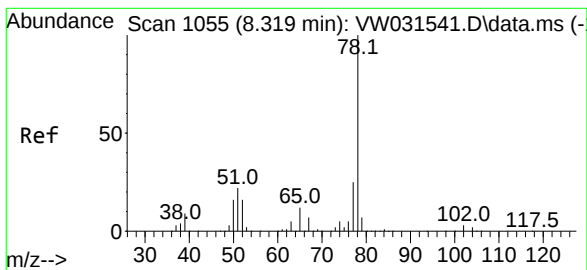
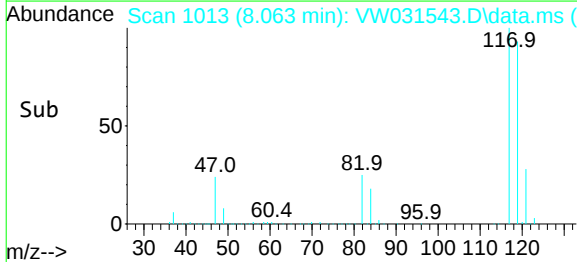
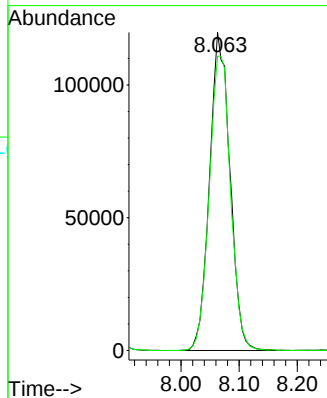
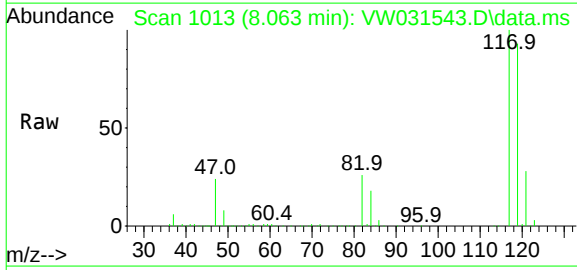
YE634MSD

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

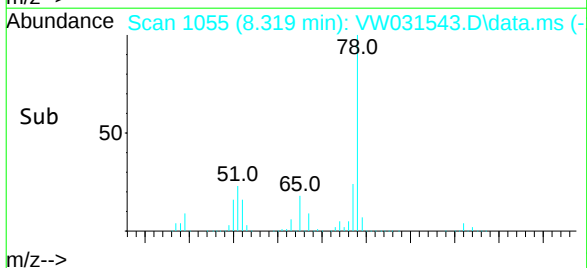
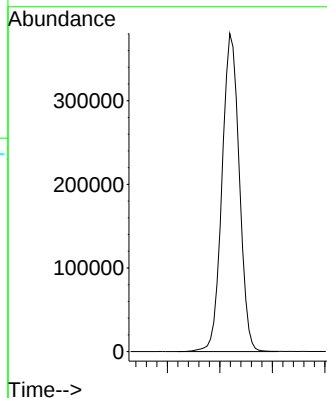
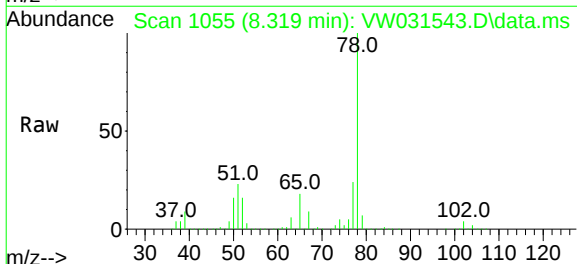
RT: 8.319 min Scan# 1055

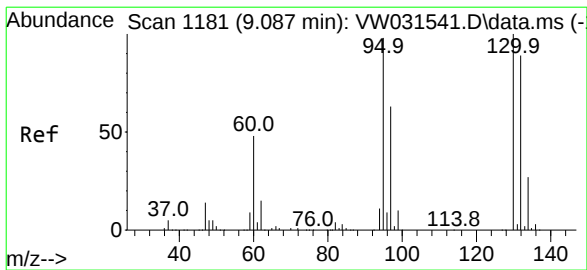
Delta R.T. -0.000 min

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# 11

Delta R.T. -0.000 min

Lab File: VW031543.D

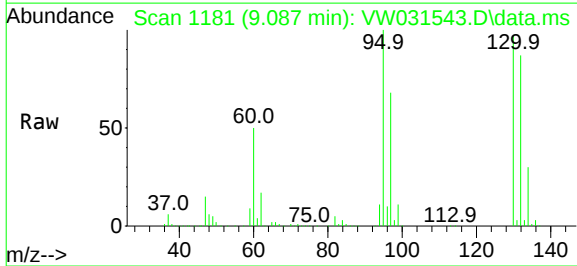
Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

YE634MSD



Tgt Ion: 95 Resp: 239537

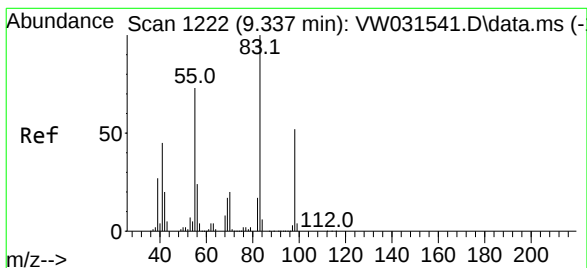
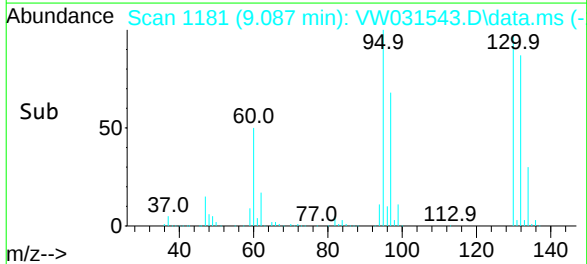
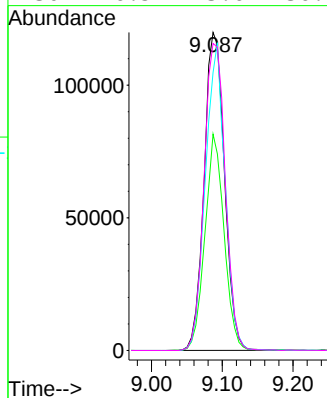
Ion Ratio Lower Upper

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

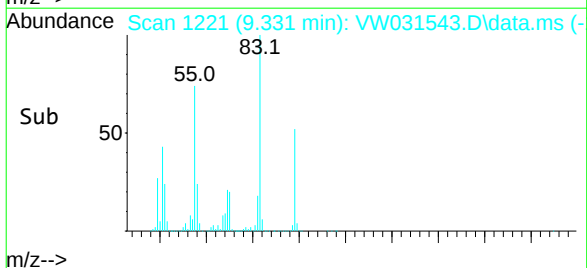
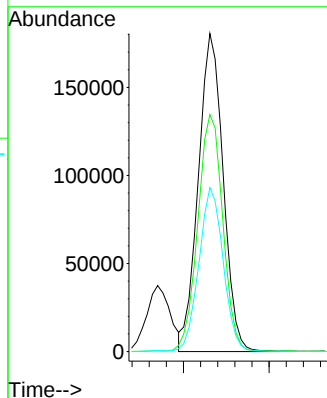
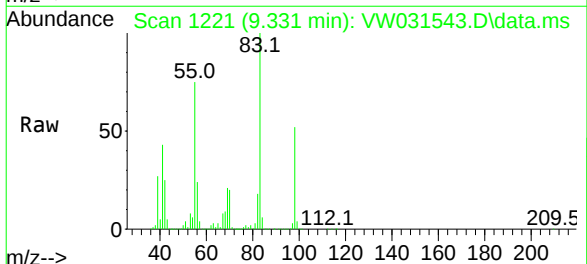
Tgt Ion: 83 Resp: 363620

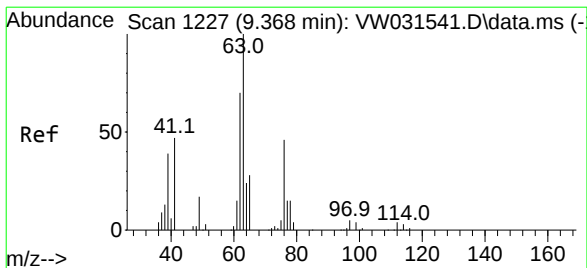
Ion Ratio Lower Upper

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# 1227

Delta R.T. -0.000 min

Lab File: VW031543.D

Acq: 27 Dec 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

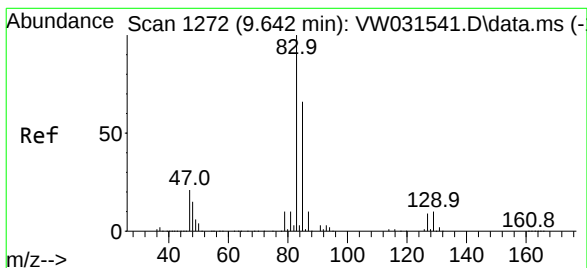
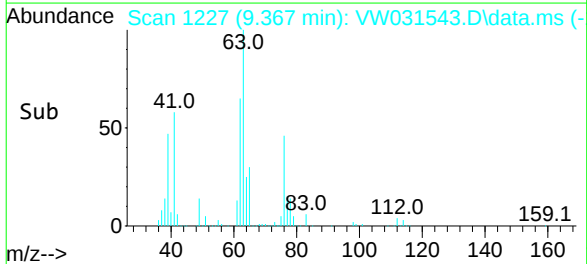
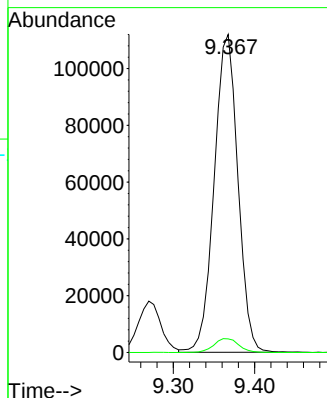
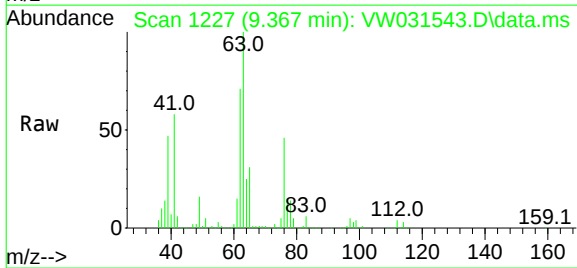
YE634MSD

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

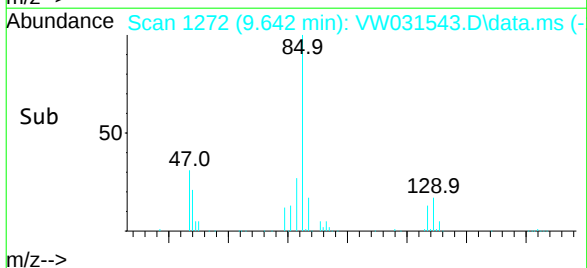
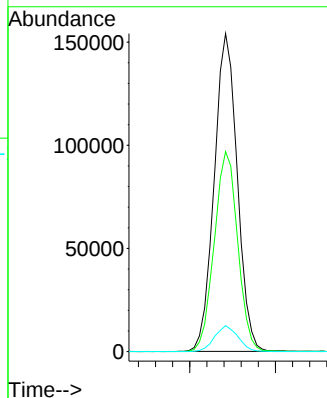
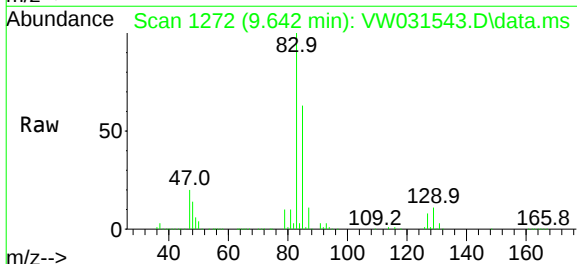
Tgt Ion: 83 Resp: 288099

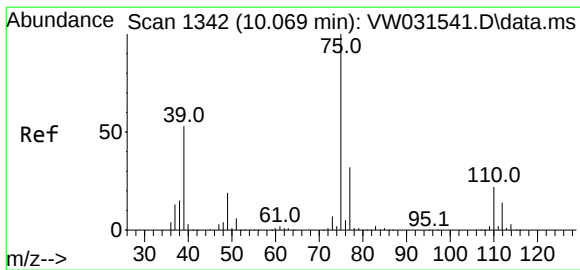
Ion Ratio Lower Upper

83 100

85 62.9 46.5 86.5

127 8.2 6.2 9.4

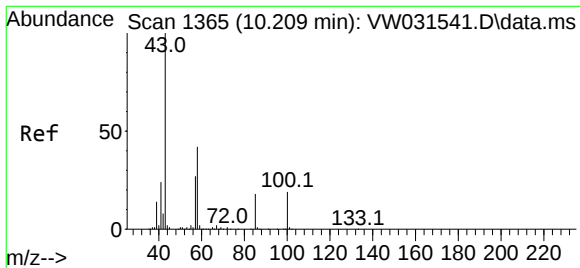
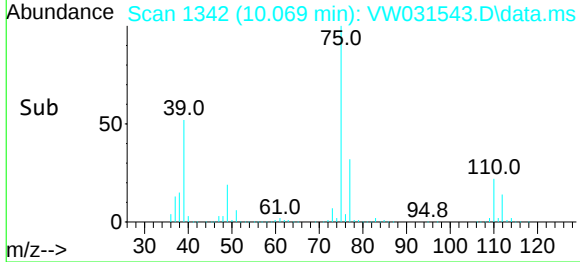
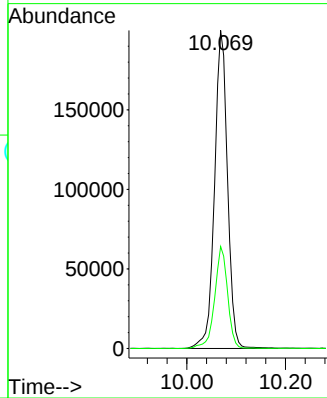
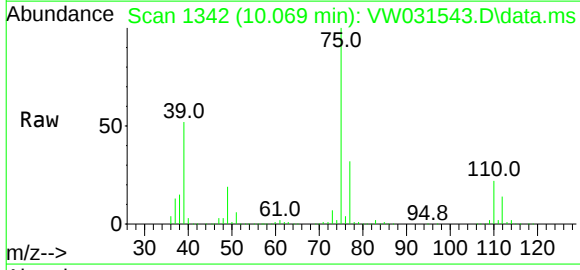




#39
cis-1,3-Dichloropropene
Concen: 15.960 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

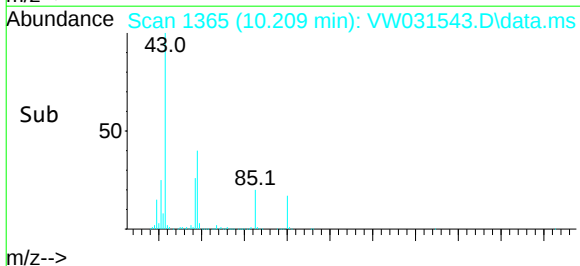
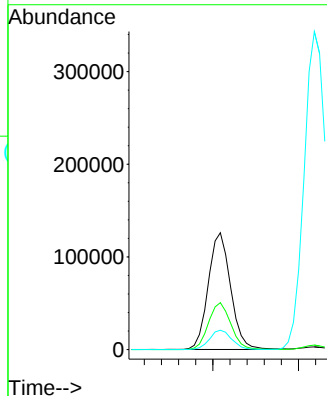
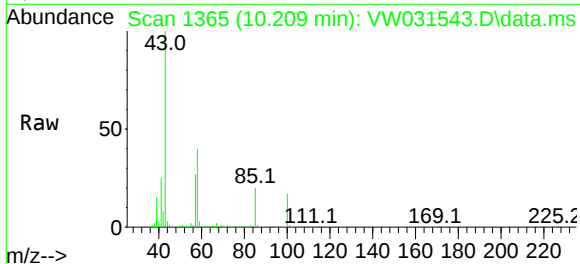
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

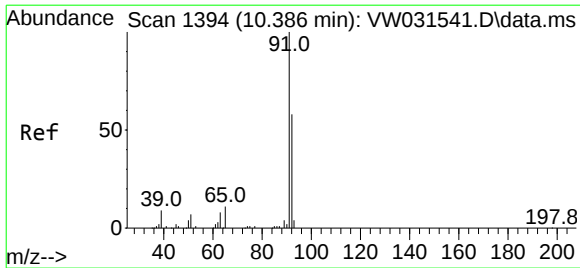
Tgt Ion: 75 Resp: 365384
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



#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 :

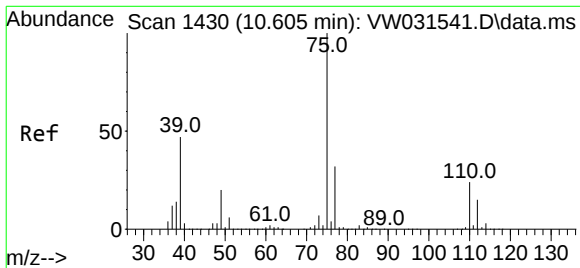
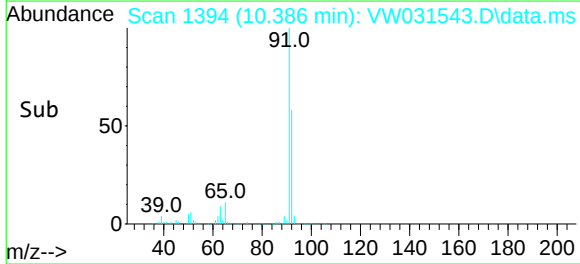
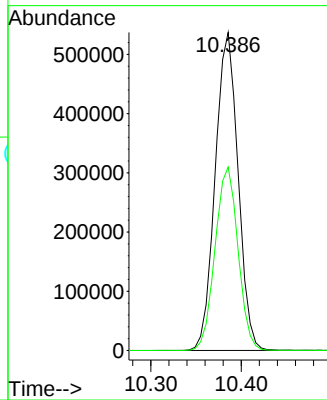
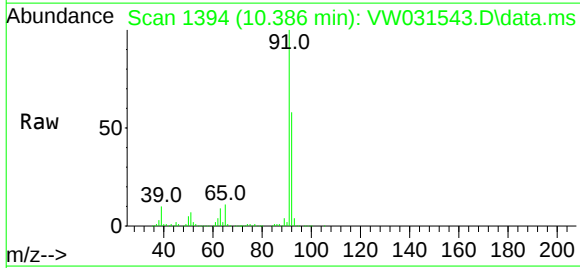
YE634MSD

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

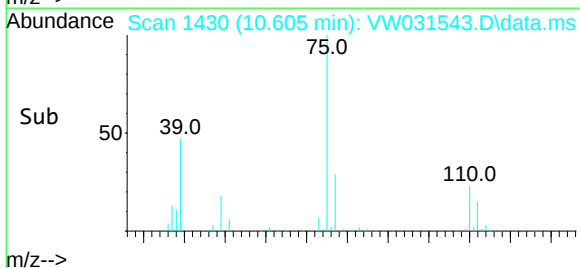
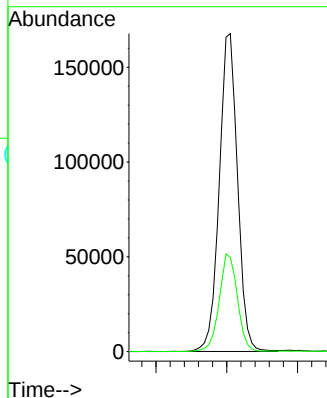
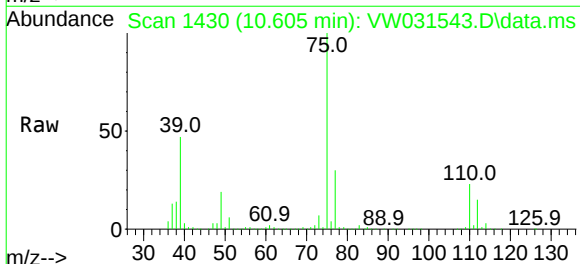
Acq: 27 Dec 2024 11:43

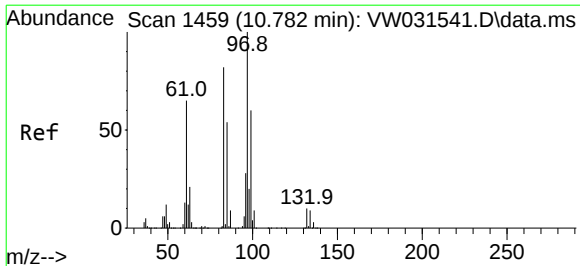
Tgt Ion: 75 Resp: 300587

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 :

YE634MSD

Tgt Ion: 97 Resp: 160525

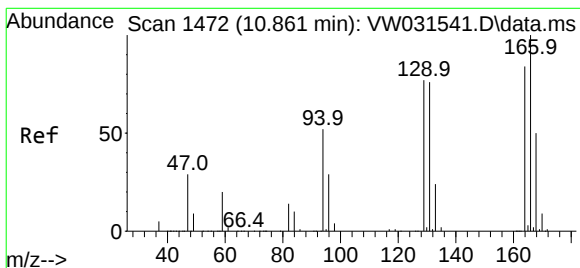
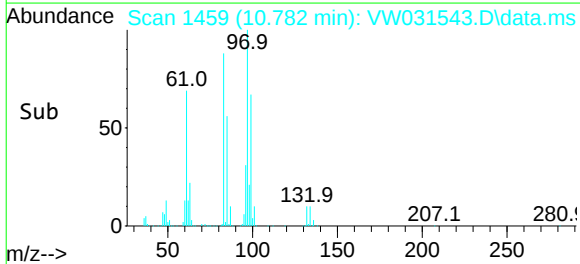
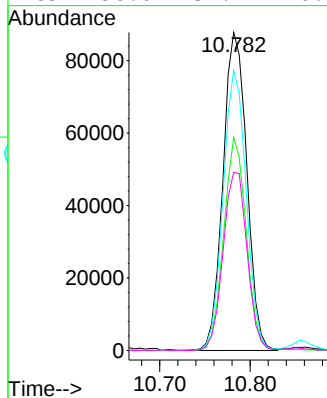
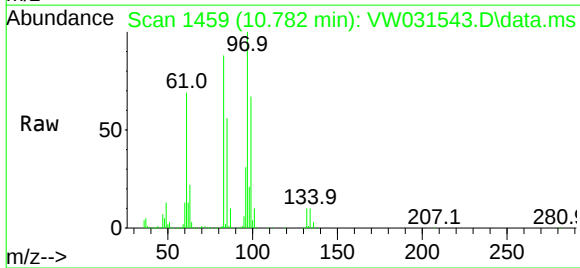
Ion Ratio Lower Upper

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

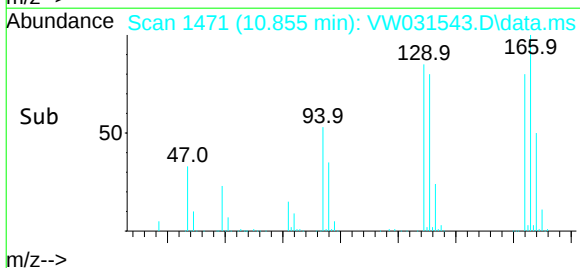
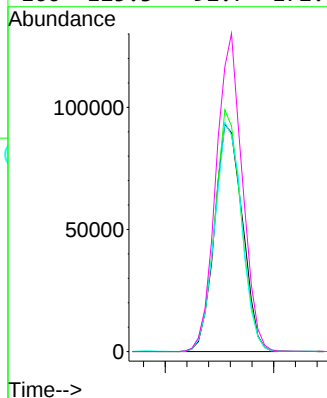
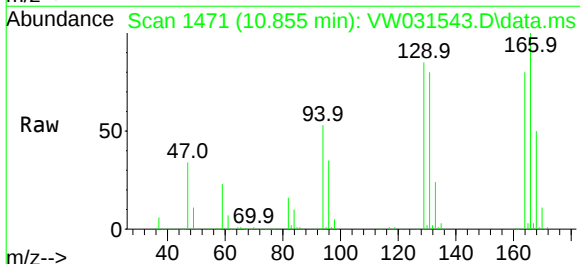
Ion Ratio Lower Upper

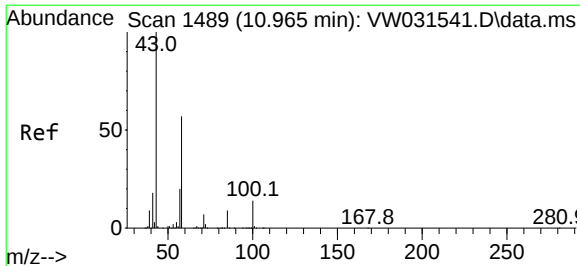
164 100

129 106.3 73.5 136.5

131 100.8 66.6 123.8

166 125.3 92.7 172.3

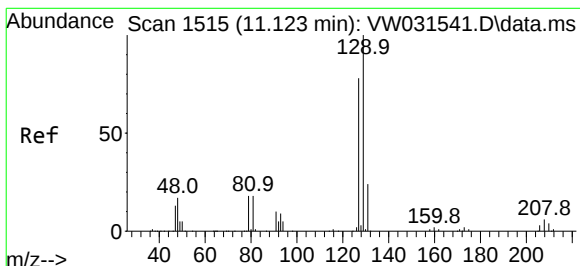
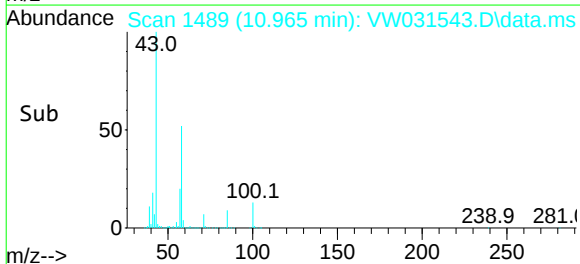
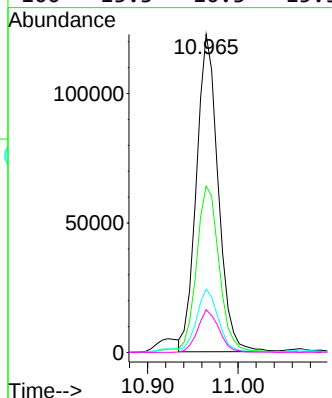
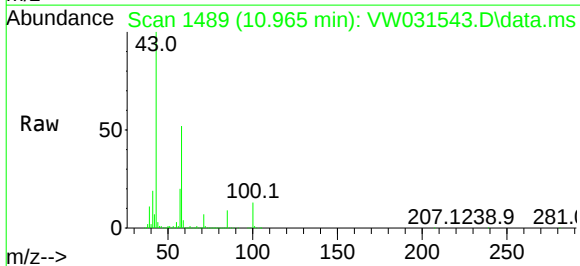




#48
2-Hexanone
Concen: 33.536 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

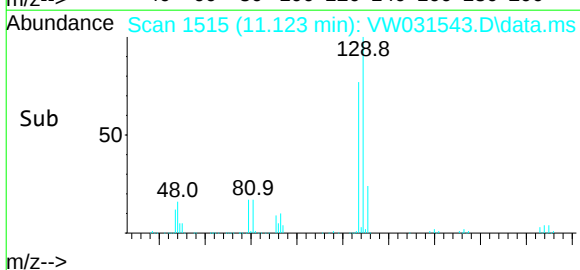
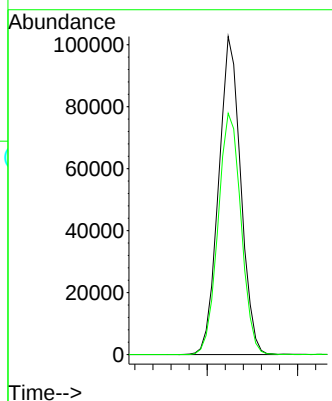
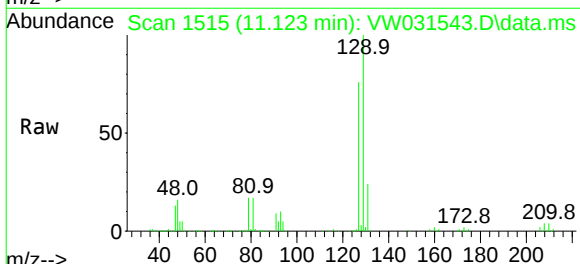
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

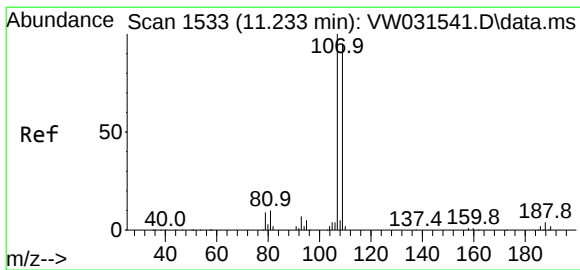
Tgt Ion:	43	Resp:	205011
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.0	64.6
57	19.8	15.7	23.5
100	13.3	10.3	15.5



#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

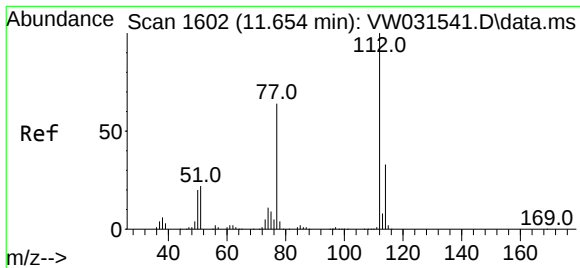
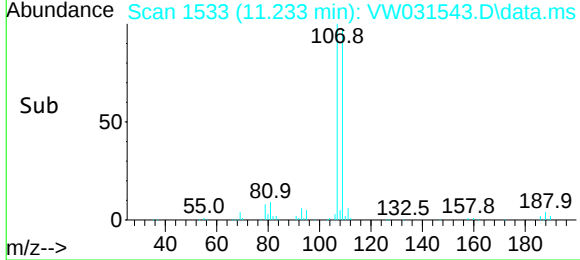
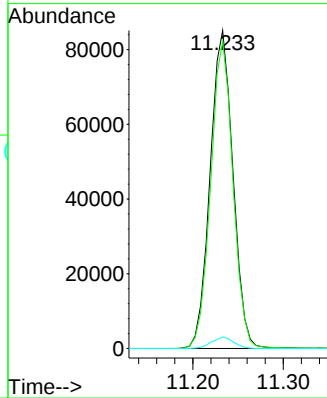
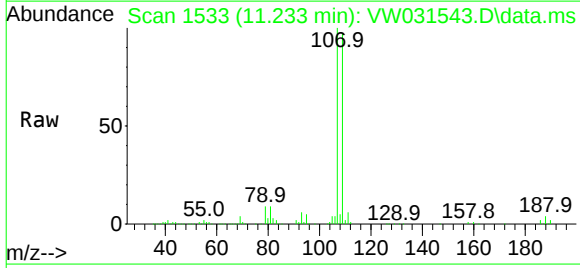




#50
1,2-Dibromoethane
Concen: 17.474 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

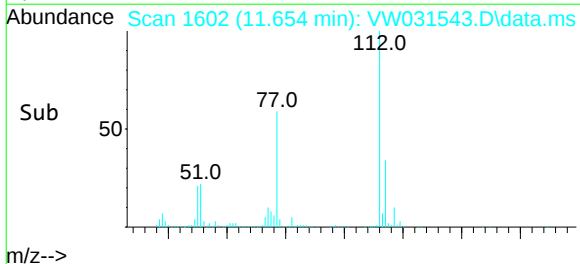
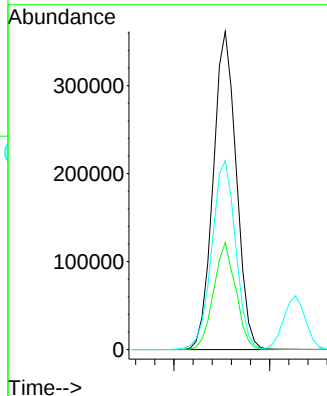
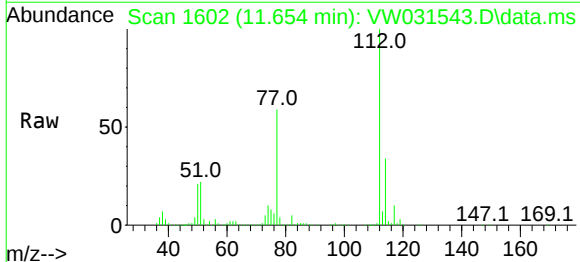
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

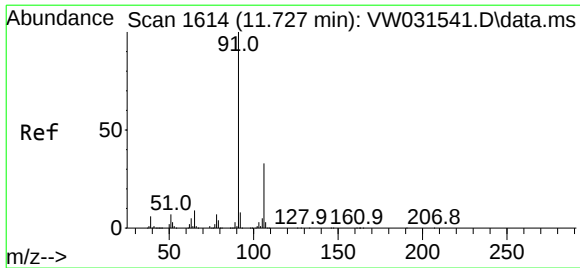
Tgt Ion:	107	Resp:	149169
Ion	Ratio	Lower	Upper
107	100		
109	96.6	63.2	117.4
188	3.6	2.6	4.0



#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

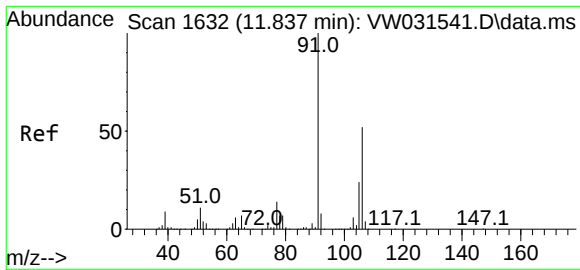
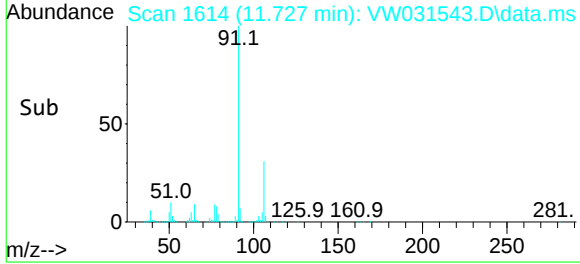
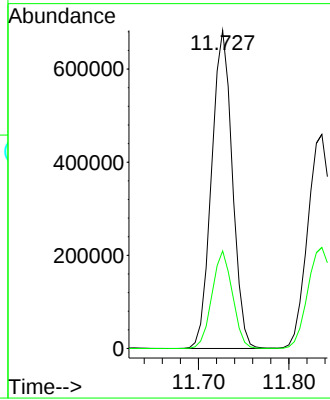
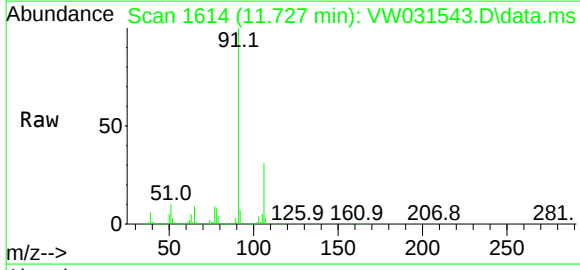




#52
 Ethylbenzene
 Concen: 15.918 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

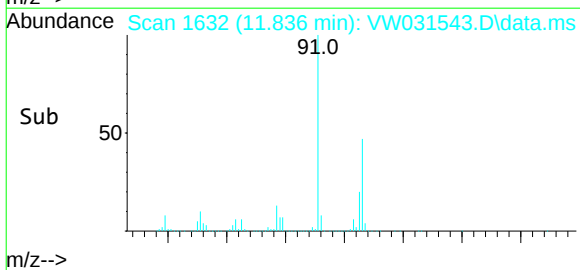
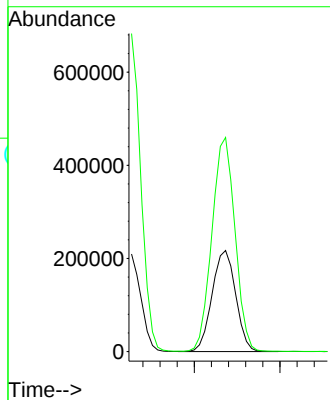
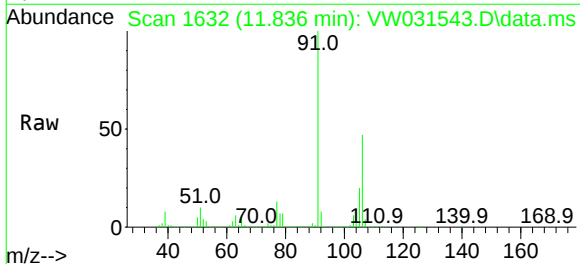
Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

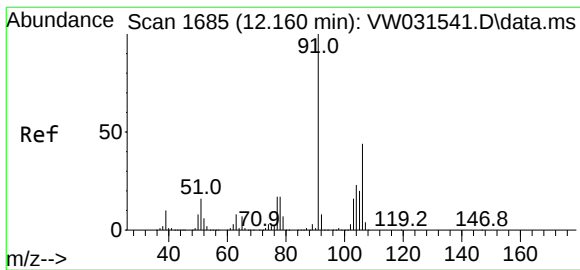
Tgt Ion: 91 Resp: 1090792
 Ion Ratio Lower Upper
 91 100
 106 30.7 20.7 38.5



#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

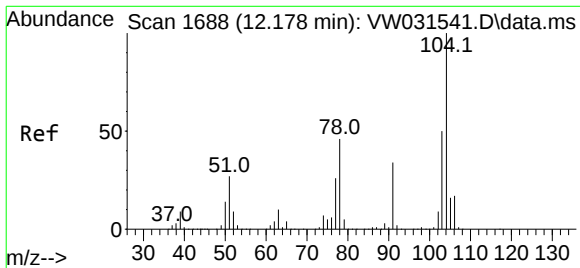
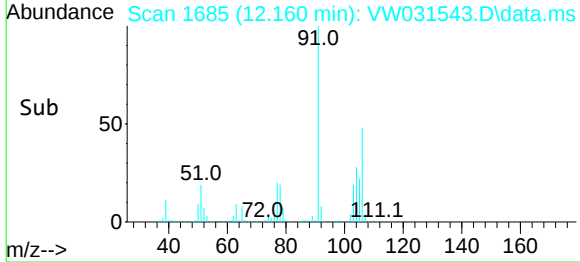
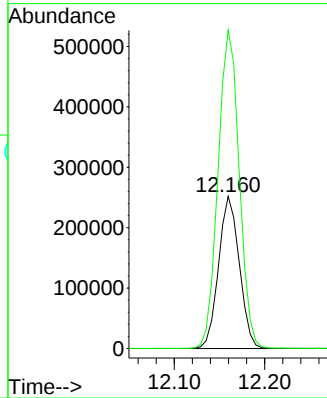
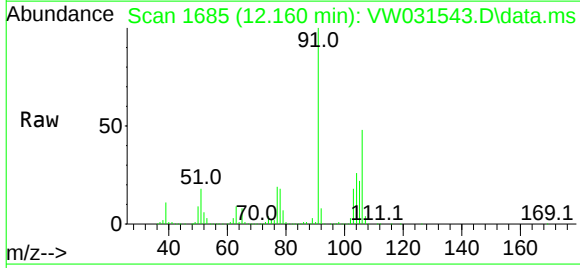




#54
o-Xylene
Concen: 16.315 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

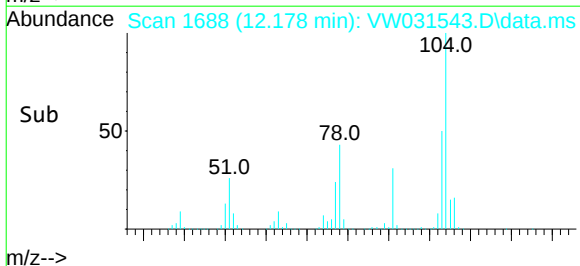
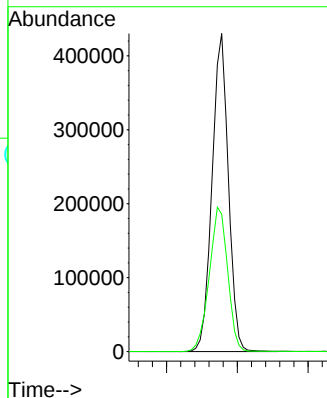
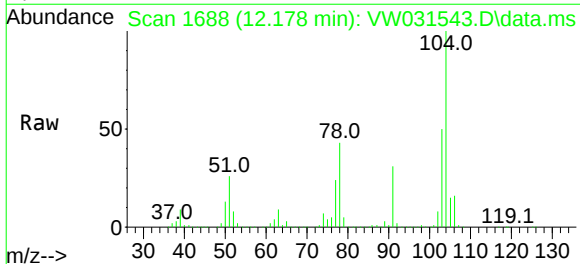
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

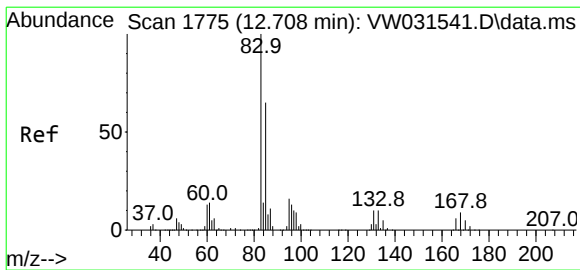
Tgt Ion:106 Resp: 401119
Ion Ratio Lower Upper
106 100
91 209.2 153.1 284.3



#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

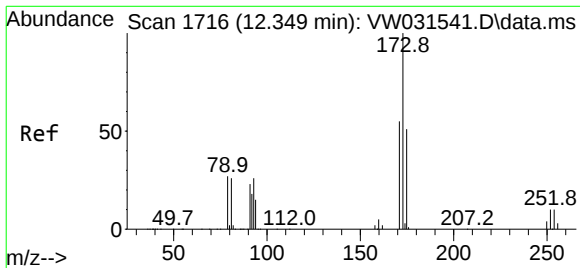
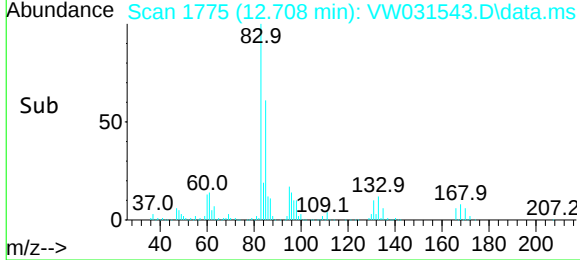
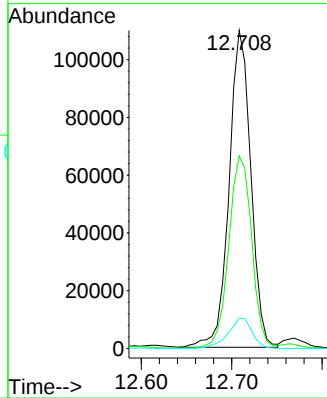
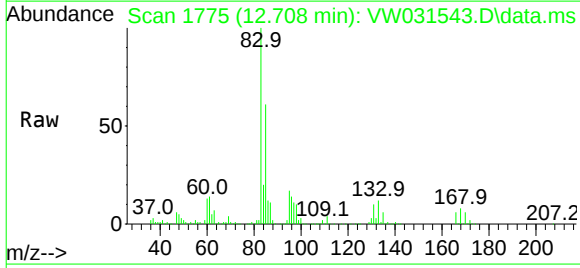




#57
1,1,2,2-Tetrachloroethane
Concen: 18.848 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

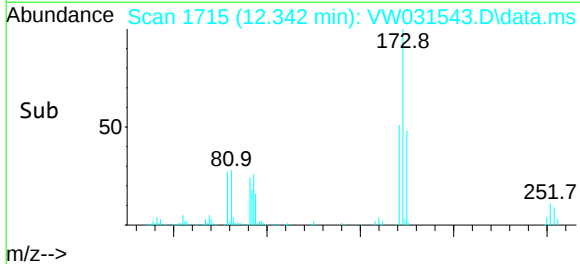
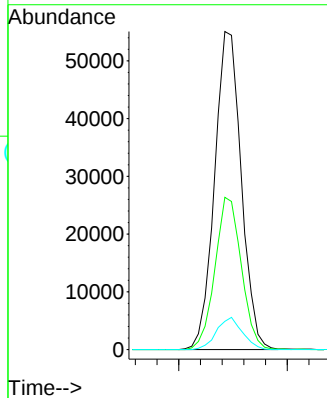
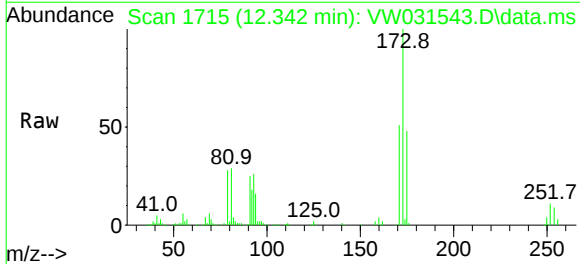
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

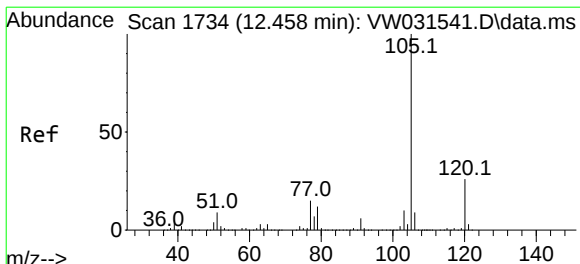
Tgt Ion:	83	Resp:	183096
Ion Ratio	Lower	Upper	
83	100		
85	60.6	44.1	81.9
131	9.5	7.9	11.9



#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

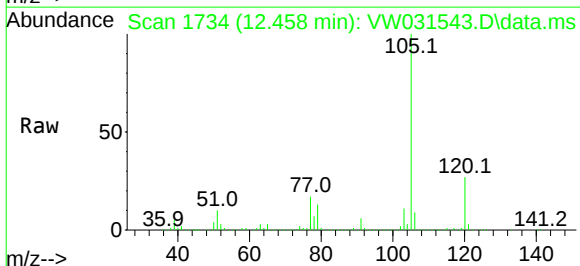
Tgt Ion:	173	Resp:	94011
Ion Ratio	Lower	Upper	
173	100		
175	47.3	38.6	57.8
254	9.8	7.6	11.4





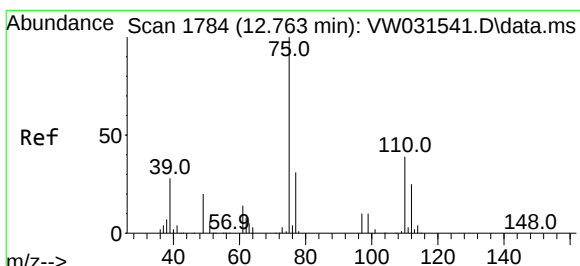
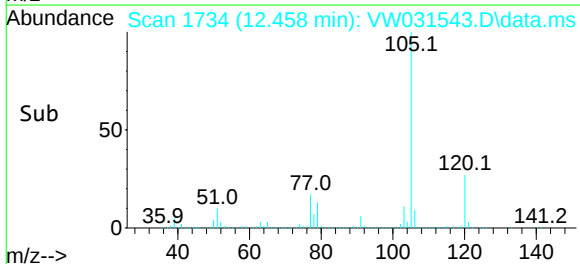
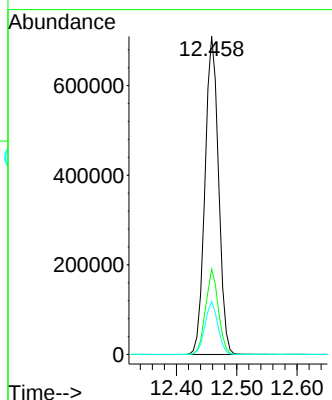
#60
Isopropylbenzene
Concen: 15.921 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :
YE634MSD



Tgt Ion: 105 Resp: 1106060

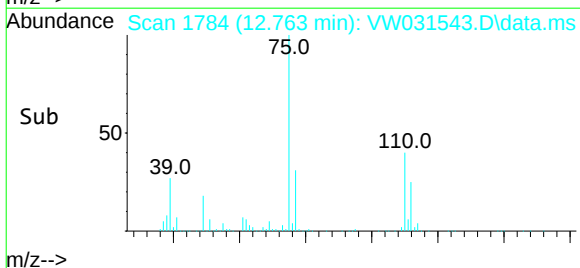
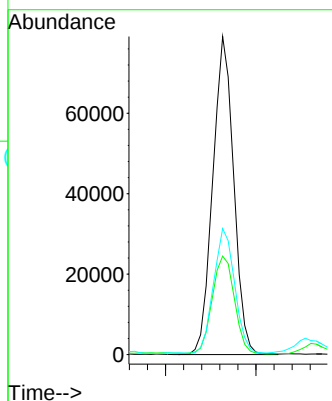
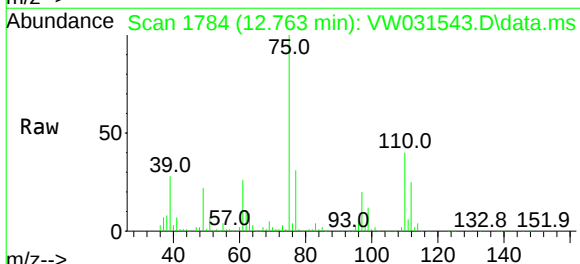
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.6	31.0
77	15.9	12.8	19.2

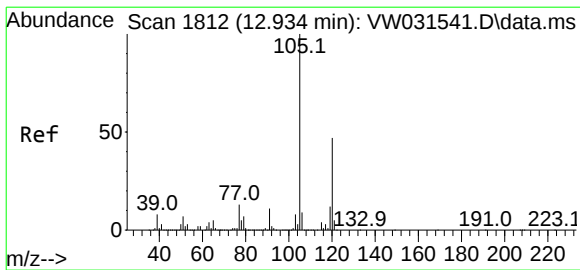


#61
1,2,3-Trichloropropane
Concen: 17.516 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

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

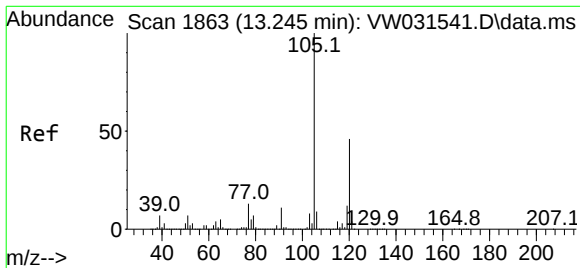
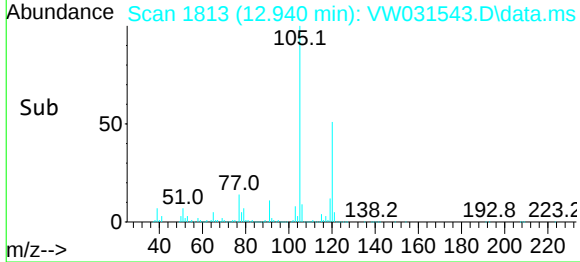
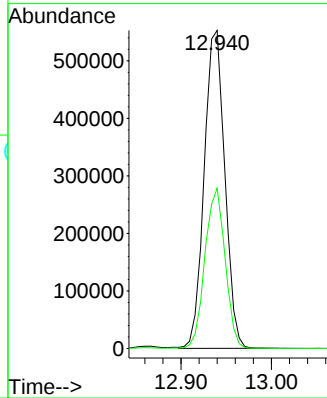
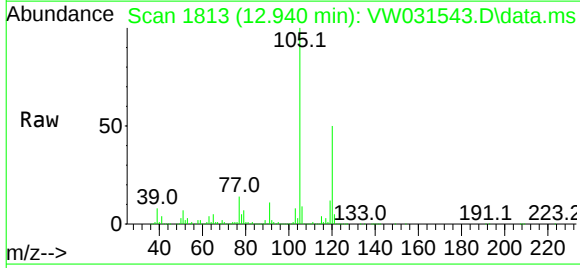




#62
1,3,5-Trimethylbenzene
Concen: 14.872 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

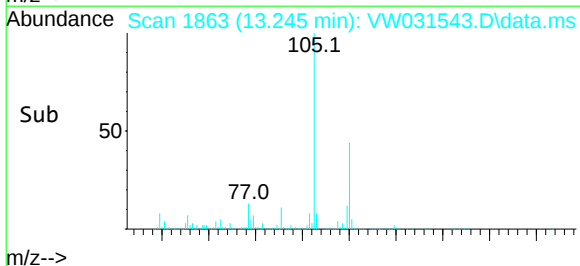
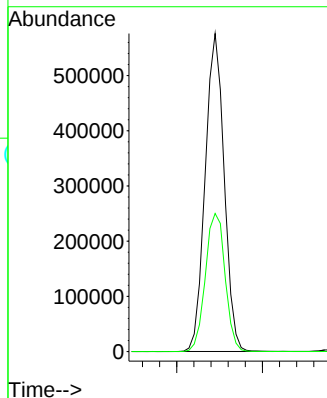
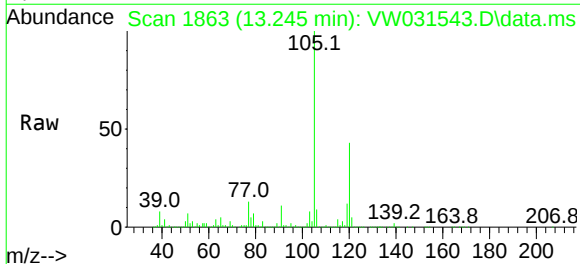
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

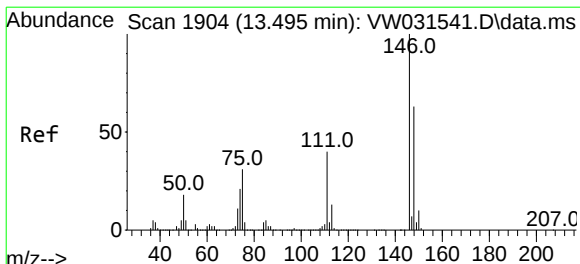
Tgt Ion:105 Resp: 875938
Ion Ratio Lower Upper
105 100
120 49.3 37.3 55.9



#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

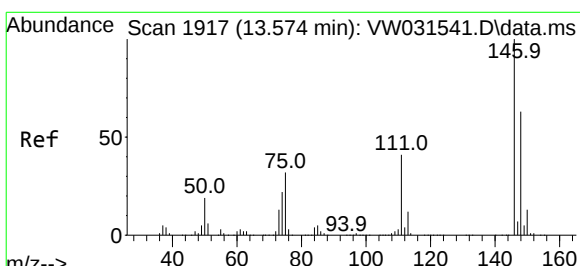
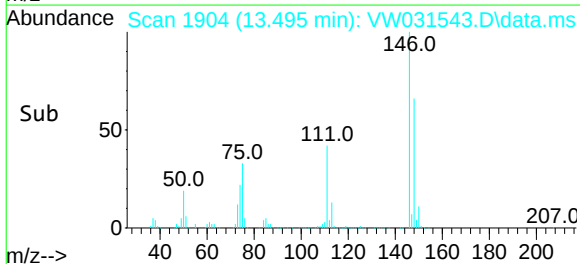
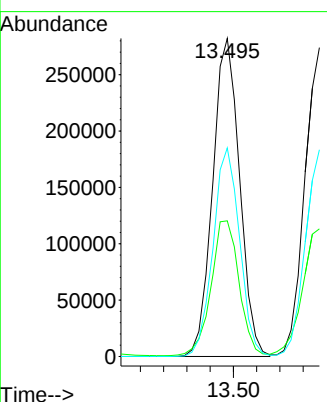
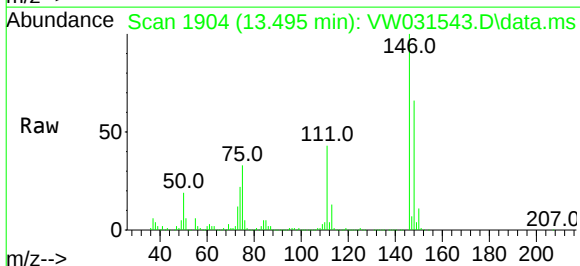




#64
 1,3-Dichlorobenzene
 Concen: 16.117 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

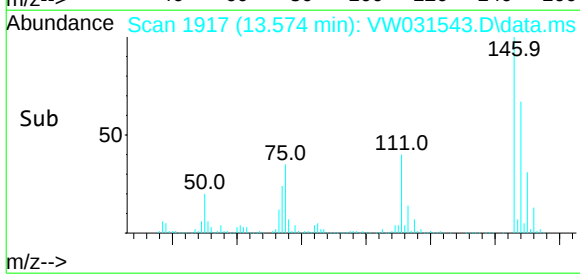
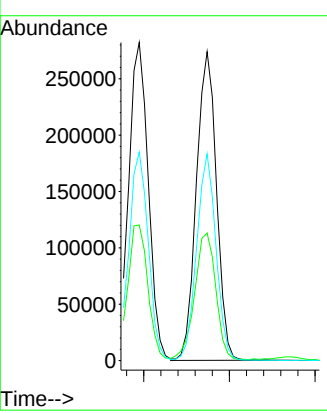
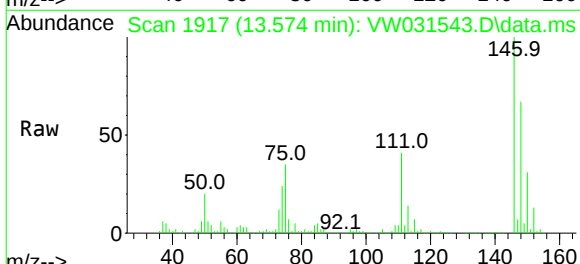
Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

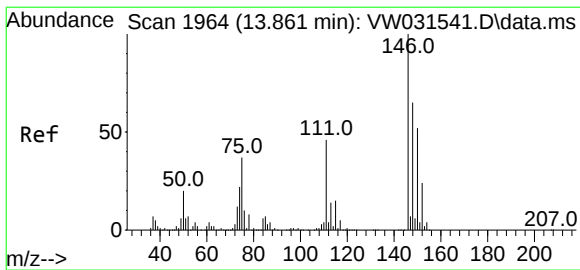
Tgt Ion:	146	Resp:	453647
Ion	Ratio	Lower	Upper
146	100		
111	42.6	27.6	51.2
148	65.6	41.0	76.2



#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

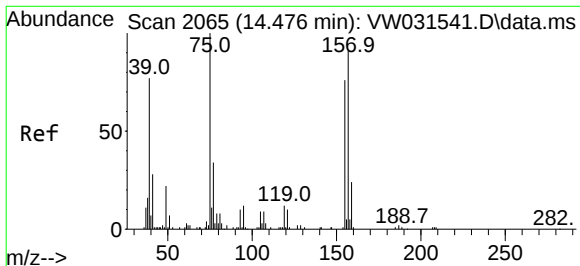
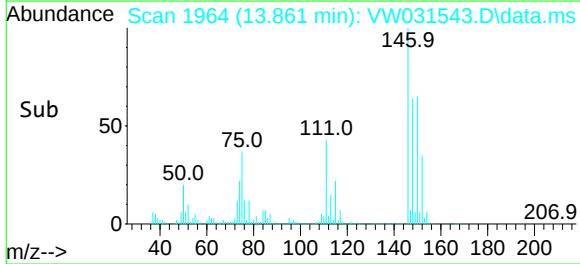
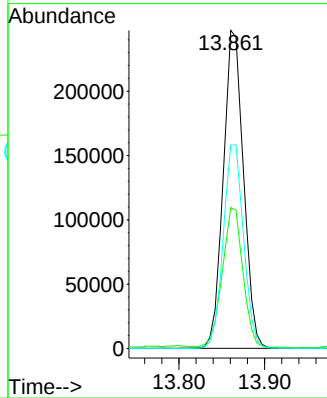
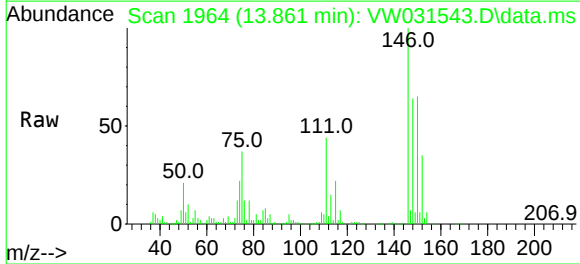




#67
1,2-Dichlorobenzene
Concen: 16.719 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

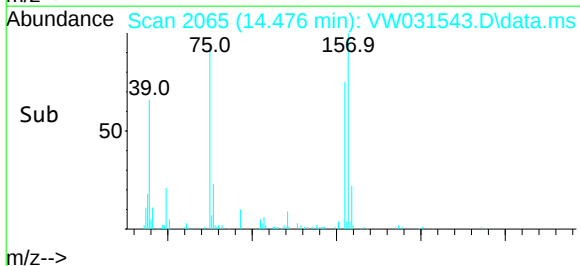
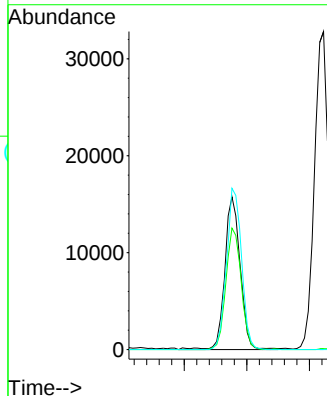
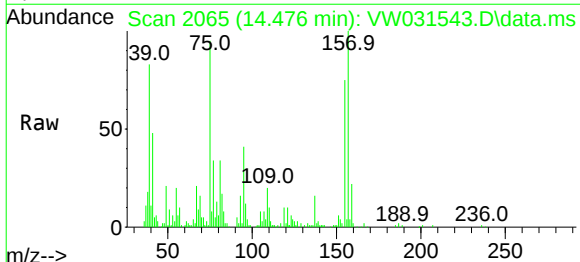
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

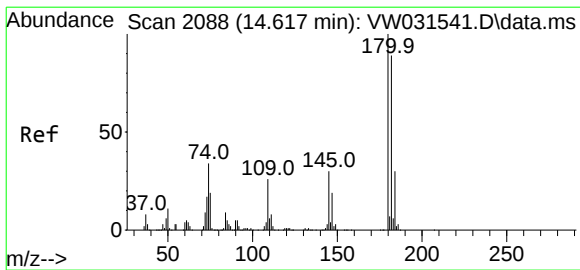
Tgt Ion: 146 Resp: 405485
Ion Ratio Lower Upper
146 100
111 44.3 38.6 58.0
148 63.9 53.6 80.4



#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

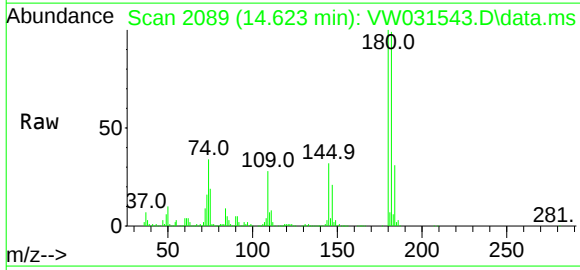
Tgt Ion: 75 Resp: 26953
Ion Ratio Lower Upper
75 100
155 79.5 56.6 85.0
157 105.6 71.2 106.8



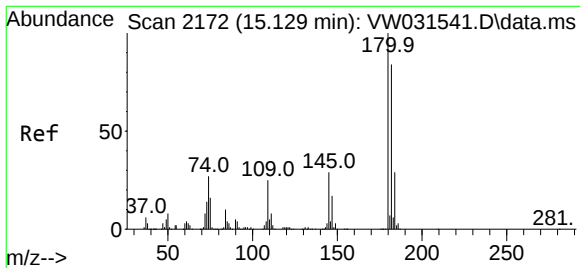
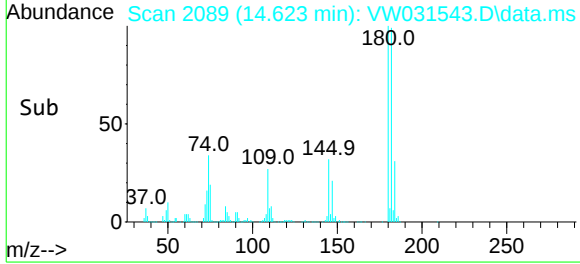
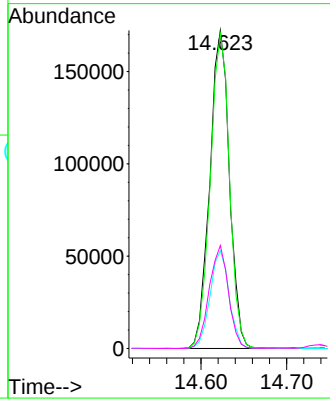


#69
 1,3,5-Trichlorobenzene
 Concen: 13.920 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW031543.D
 Acq: 27 Dec 2024 11:43

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

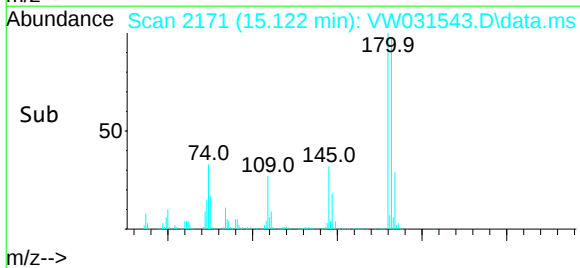
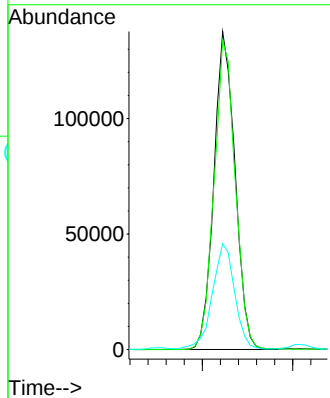
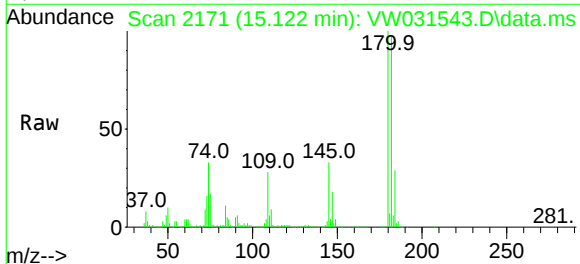


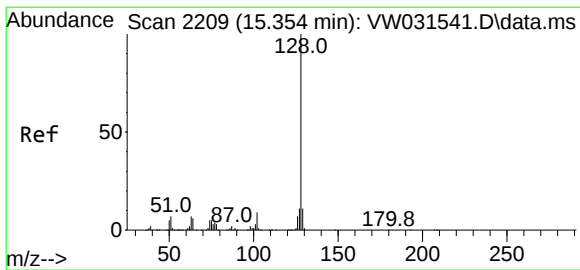
Tgt Ion:	180	Resp:	274404
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.0	112.4
184	29.9	24.6	36.8
145	31.7	25.7	38.5



#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

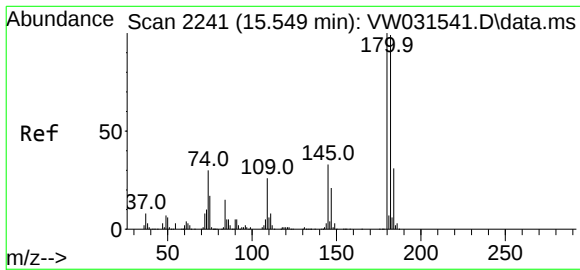
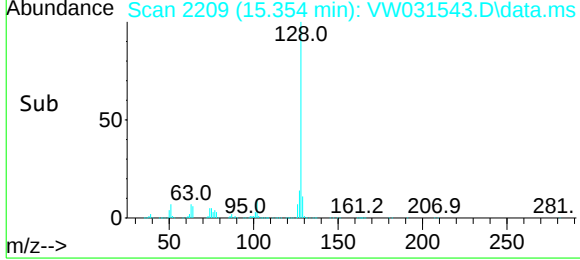
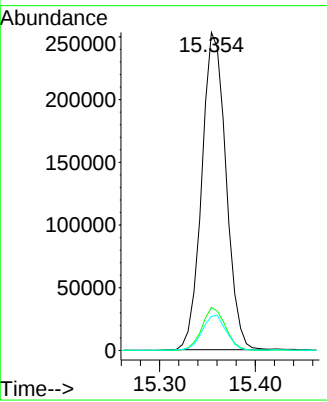
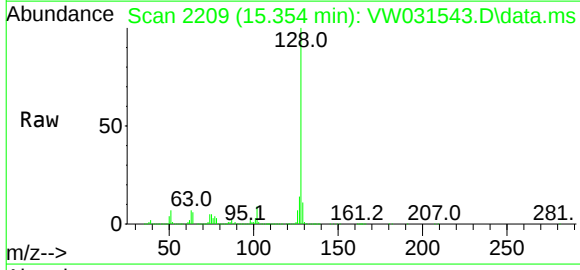




#71
Naphthalene
Concen: 15.449 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031543.D
Acq: 27 Dec 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

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

