

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042524\
 Data File : VW028546.D
 Acq On : 25 Apr 2024 10:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 26 01:07:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 25 02:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	292902	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135541	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84389	17.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.880%
7) Chloroethane-d5	2.899	69	72174	20.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	4.021	65	38704	19.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.840%
21) 2-Butanone-d5	7.081	46	47144	53.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
24) Chloroform-d	7.648	84	191739	25.087	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.307	65	99912	25.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	8.276	84	346285	24.022	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	9.276	67	106036	24.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	10.319	98	306872	23.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.640%
43) trans-1,3-Dichloroprop...	10.575	79	41767	24.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.922	63	32501	54.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84698	28.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	107422	25.060	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	81989	20.812	ug/L	90
3) Chloromethane	2.223	50	108214	23.396	ug/L	100
5) Vinyl chloride	2.375	62	132684	24.088	ug/L	99
6) Bromomethane	2.796	94	78342	22.764	ug/L	97
8) Chloroethane	2.942	64	80084	24.118	ug/L	99
9) Trichlorofluoromethane	3.271	101	113607	25.854	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	103744	25.095	ug/L	98
12) 1,1-Dichloroethene	4.045	96	95398	24.577	ug/L	92
13) Acetone	4.131	43	51693	47.912	ug/L	100
14) Carbon disulfide	4.393	76	285348	22.329	ug/L	99
15) Methyl Acetate	4.673	43	41449	23.876	ug/L	97
16) Methylene chloride	4.923	84	103713	23.400	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	101277	24.769	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	145066	25.222	ug/L	98
19) 1,1-Dichloroethane	6.222	63	203564	25.553	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112397	25.900	ug/L	96
22) 2-Butanone	7.173	43	60357	46.097	ug/L	99
23) Bromochloromethane	7.514	128	45327	24.249	ug/L	92
25) Chloroform	7.679	83	205911	26.312	ug/L	98

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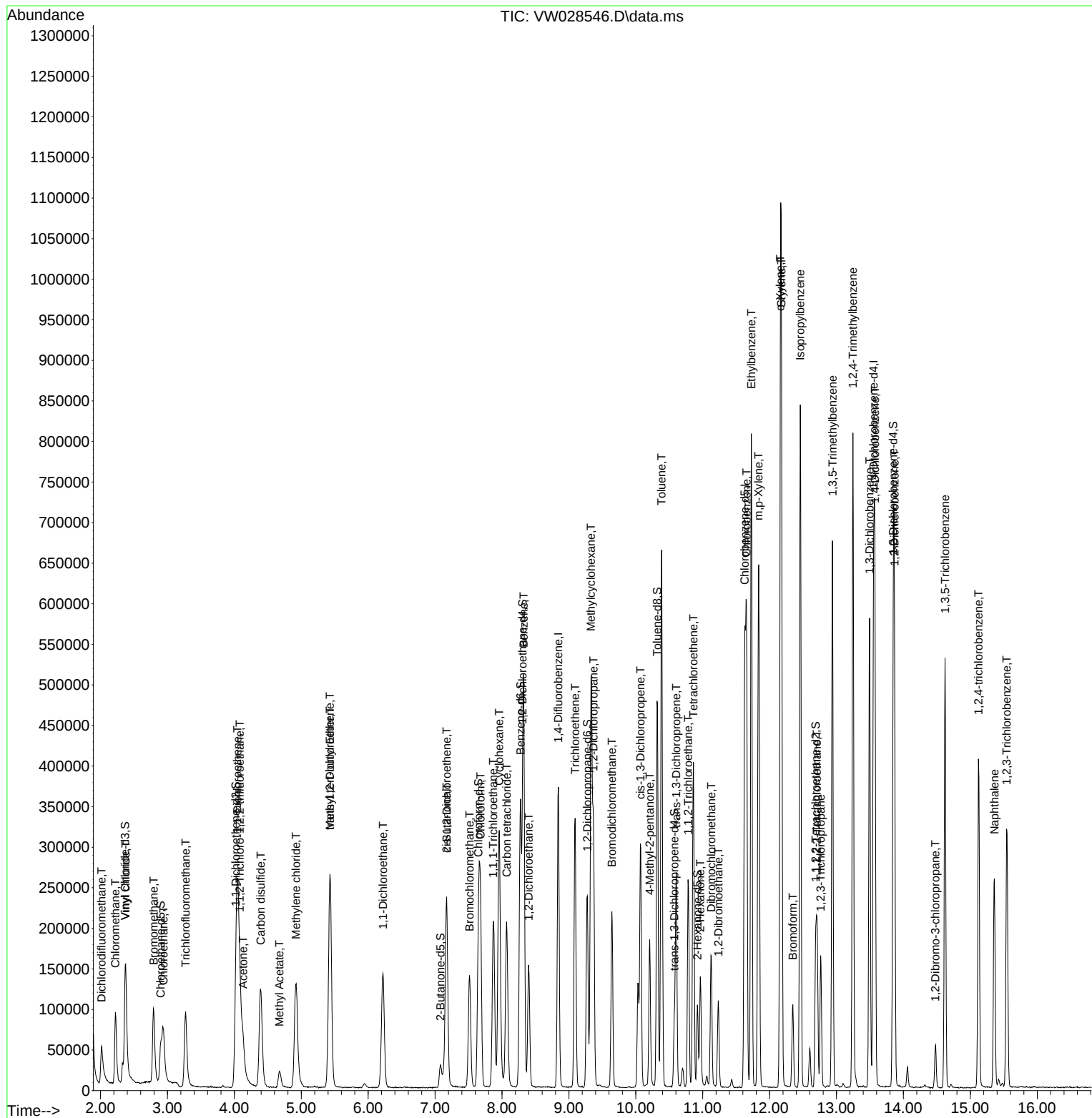
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138732	25.685	ug/L	98
29) Cyclohexane	7.959	56	180989	25.967	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	167337	26.148	ug/L	99
31) Carbon tetrachloride	8.069	117	150170	26.462	ug/L	99
33) Benzene	8.325	78	429862	26.055	ug/L	100
34) Trichloroethene	9.093	95	114432	25.594	ug/L	97
35) Methylcyclohexane	9.331	83	196418	25.744	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112764	26.224	ug/L	99
38) Bromodichloromethane	9.642	83	140099	26.286	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	166219	26.360	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	120592	56.023	ug/L	98
42) Toluene	10.386	91	466678	26.701	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	135506	26.563	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	77058	26.488	ug/L	94
46) Tetrachloroethene	10.861	164	85222	25.518	ug/L	88
48) 2-Hexanone	10.965	43	86638	50.706	ug/L	98
49) Dibromochloromethane	11.129	129	81934	26.351	ug/L	98
50) 1,2-Dibromoethane	11.233	107	69118	26.031	ug/L	95
51) Chlorobenzene	11.654	112	283401	26.086	ug/L	99
52) Ethylbenzene	11.727	91	532504	26.877	ug/L	98
53) m,p-Xylene	11.837	106	195138	26.485	ug/L	93
54) o-Xylene	12.160	106	186931	27.248	ug/L	95
55) Styrene	12.178	104	322023	27.580	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	88365	26.840	ug/L	99
59) Bromoform	12.349	173	44424	24.830	ug/L	97
60) Isopropylbenzene	12.458	105	522245	25.701	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63989	25.822	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	334919	25.860	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	409686	26.285	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	215648	25.011	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	220879	25.184	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	195286	25.749	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12833	22.599	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	151650	25.560	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	118587	25.595	ug/L	94
71) Naphthalene	15.360	128	215078	26.230	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	98150	23.873	ug/L	93

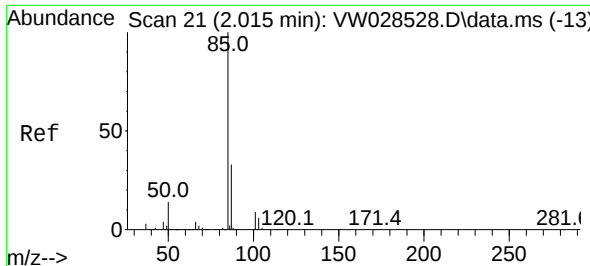
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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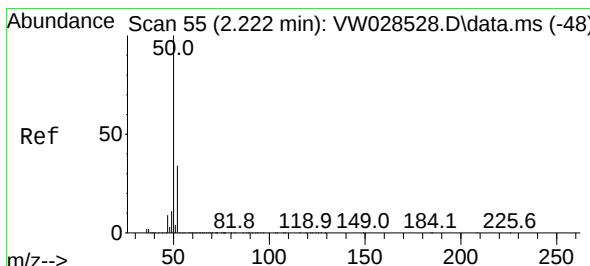
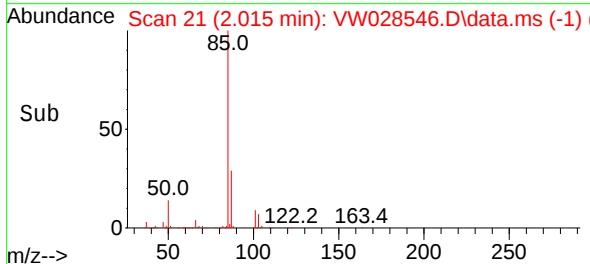
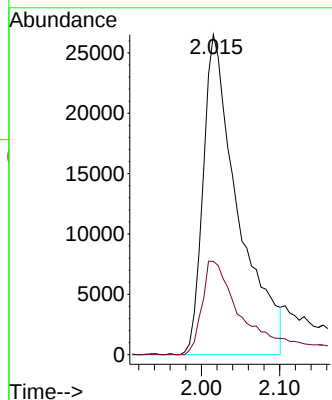
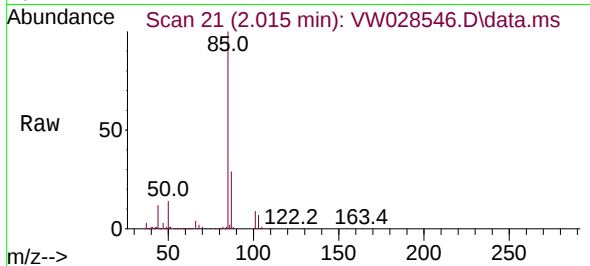




#2
 Dichlorodifluoromethane
 Concen: 20.812 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028546.D
 Acq: 25 Apr 2024 10:25

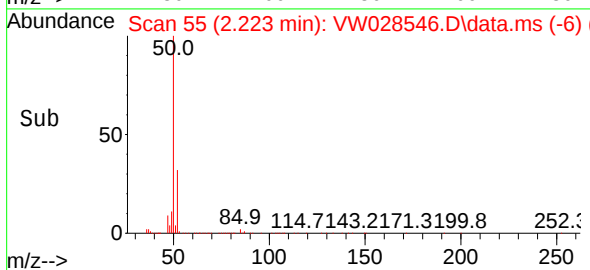
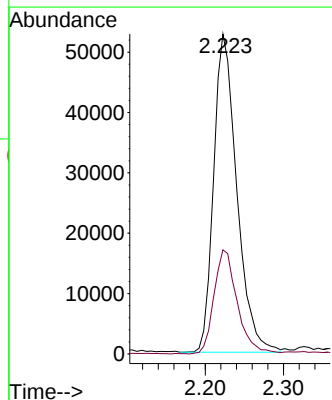
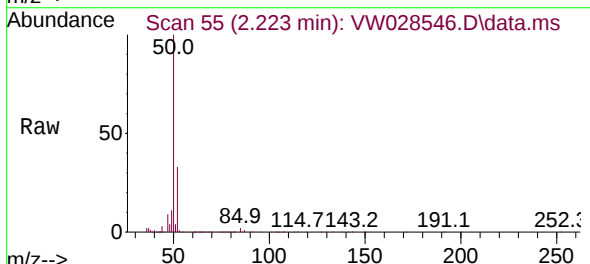
Instrument :
 MSVOA_W
 ClientSampleId :

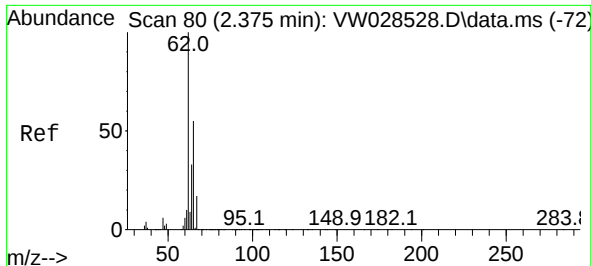
Tgt Ion: 85 Resp: 81989
 Ion Ratio Lower Upper
 85 100
 87 34.5 23.4 35.0



#3
 Chloromethane
 Concen: 23.396 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028546.D
 Acq: 25 Apr 2024 10:25

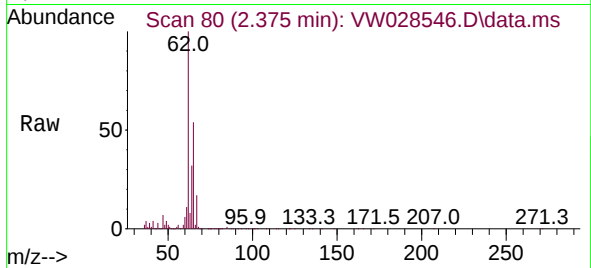
Tgt Ion: 50 Resp: 108214
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6



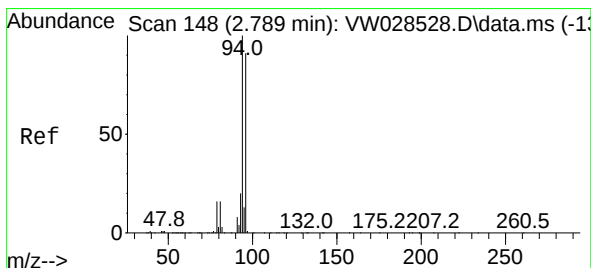
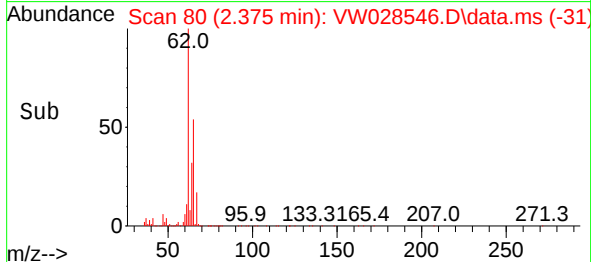
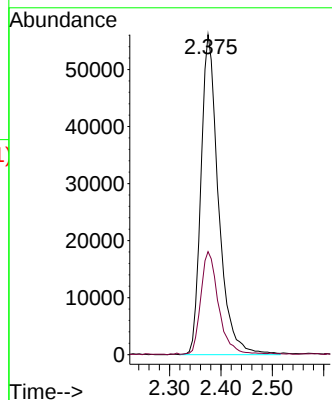


#5
 Vinyl chloride
 Concen: 24.088 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028546.D
 Acq: 25 Apr 2024 10:25

Instrument :
 MSVOA_W
 ClientSampleId :

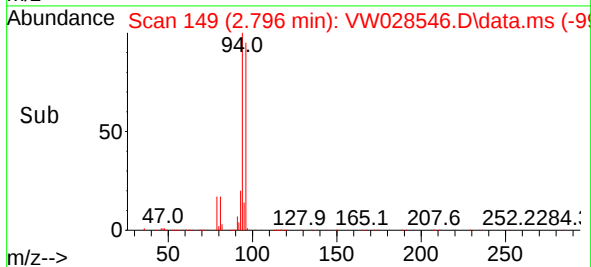
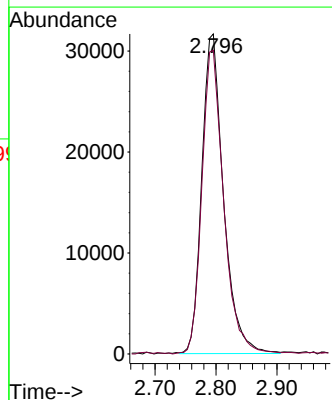
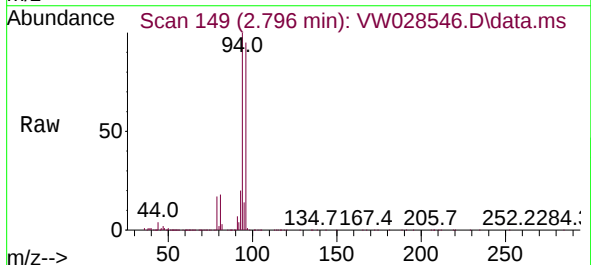


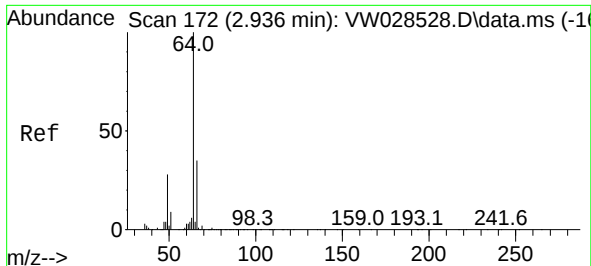
Tgt Ion: 62 Resp: 132684
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.1 42.9



#6
 Bromomethane
 Concen: 22.764 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028546.D
 Acq: 25 Apr 2024 10:25

Tgt Ion: 94 Resp: 78342
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.3 119.5

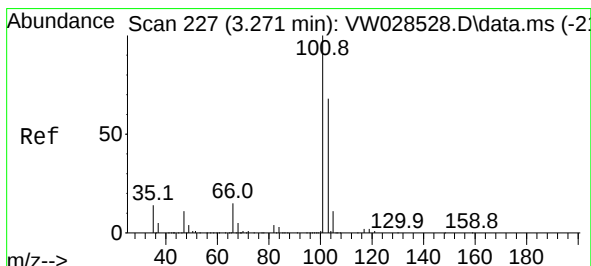
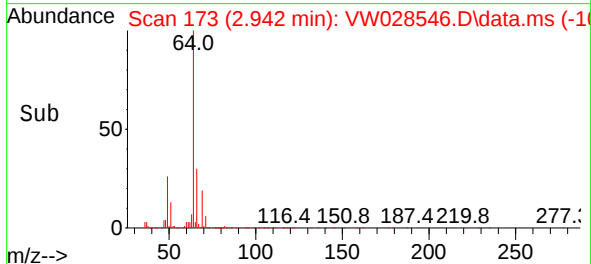
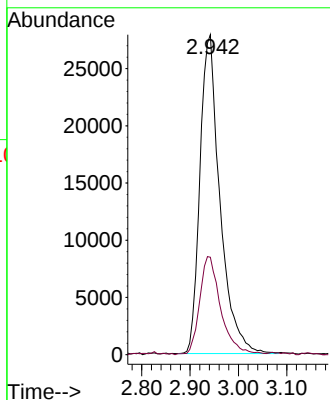
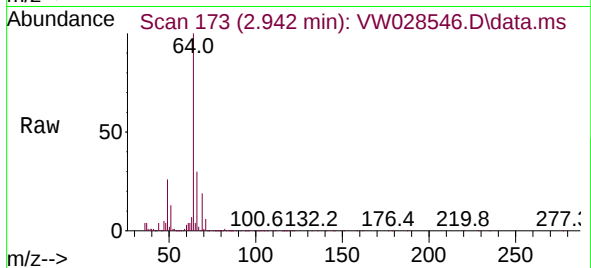




#8
Chloroethane
Concen: 24.118 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

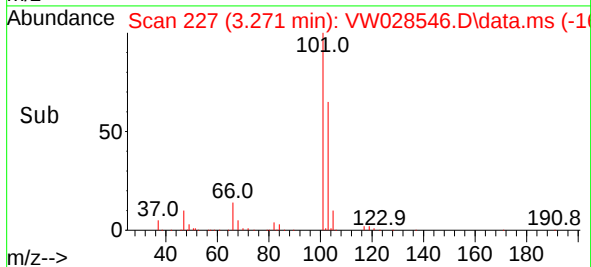
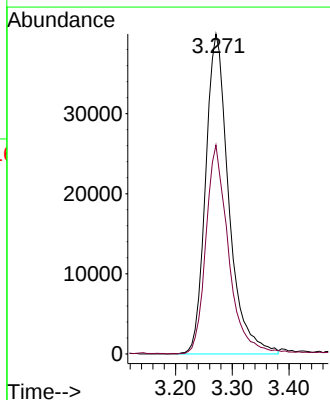
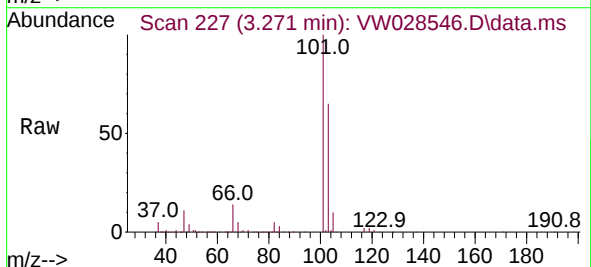
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MSVOA_W
ClientSampleId :

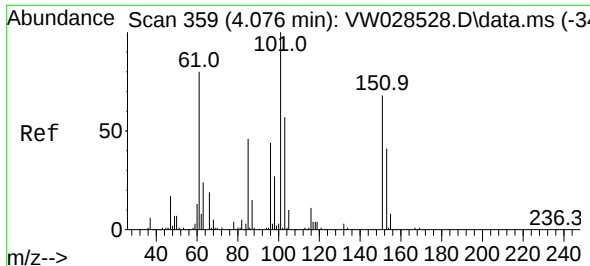
Tgt Ion: 64 Resp: 80084
Ion Ratio Lower Upper
64 100
66 30.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.854 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Tgt Ion:101 Resp: 113607
Ion Ratio Lower Upper
101 100
103 62.9 52.0 78.0





#10

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

Concen: 25.095 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

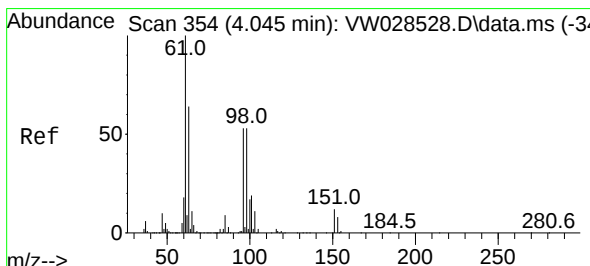
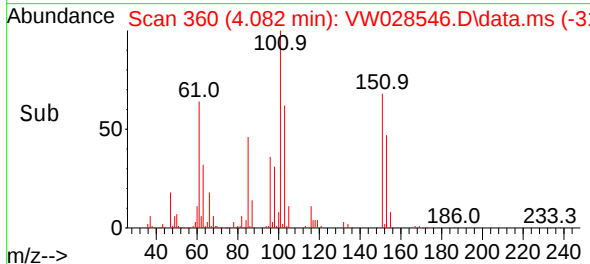
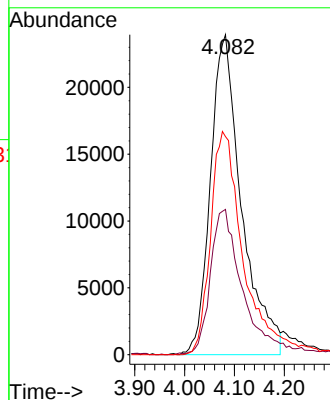
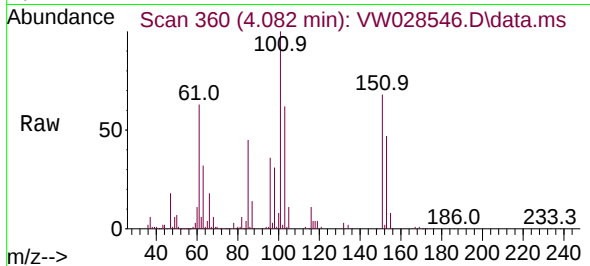
Tgt Ion:101 Resp: 103744

Ion Ratio Lower Upper

101 100

85 45.8 34.5 51.7

151 72.8 57.5 86.3



#12

1,1-Dichloroethene

Concen: 24.577 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

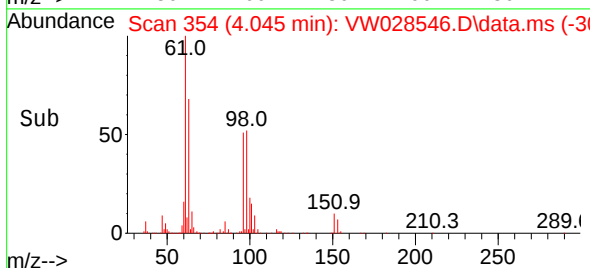
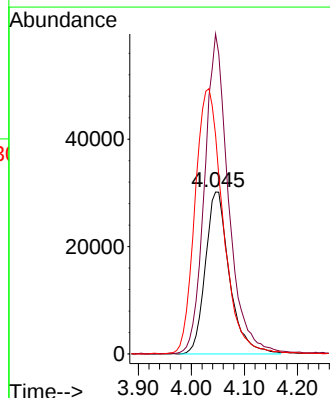
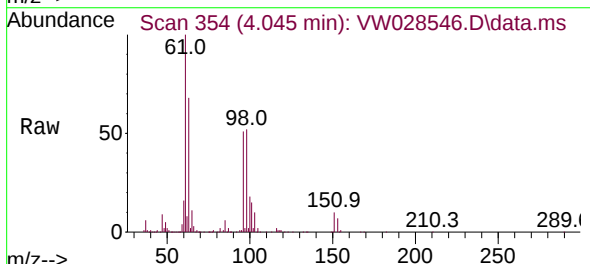
Tgt Ion: 96 Resp: 95398

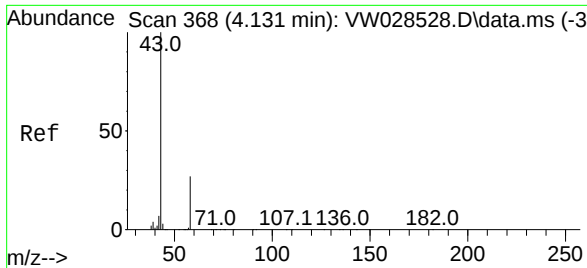
Ion Ratio Lower Upper

96 100

61 197.7 130.5 242.5

63 135.3 101.5 188.5

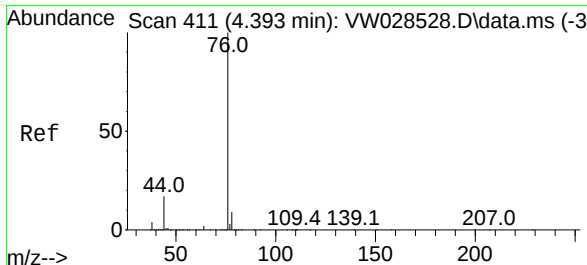
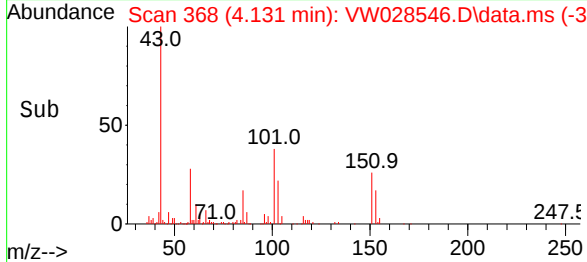
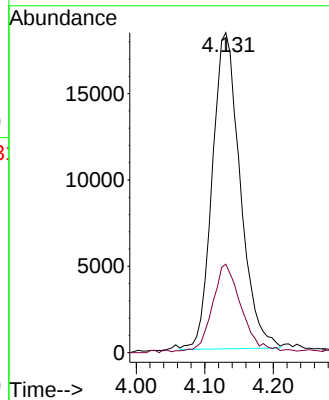
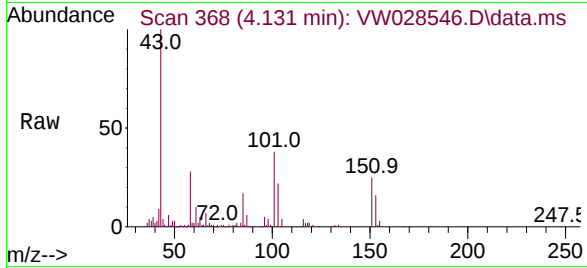




#13
Acetone
Concen: 47.912 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

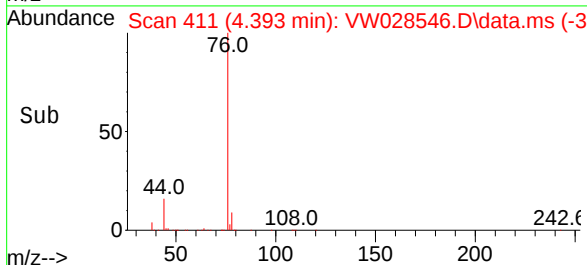
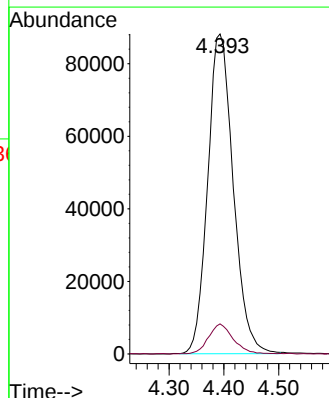
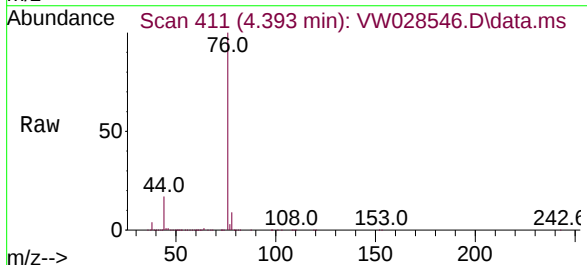
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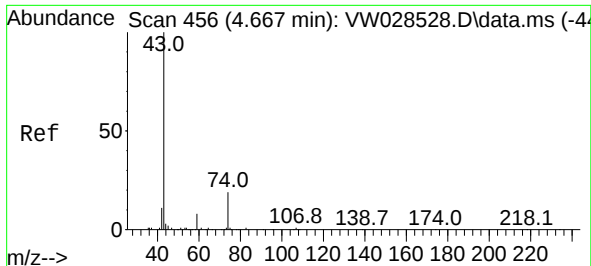
Tgt Ion: 43 Resp: 51693
Ion Ratio Lower Upper
43 100
58 26.7 0.0 53.4



#14
Carbon disulfide
Concen: 22.329 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 285348
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 23.876 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

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Instrument :

MSVOA_W

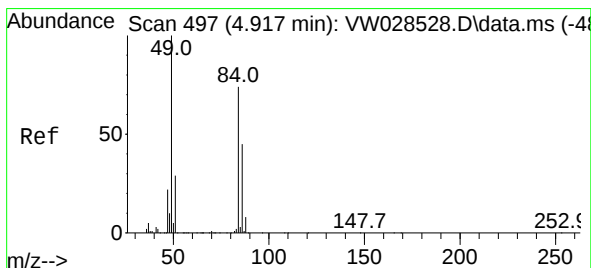
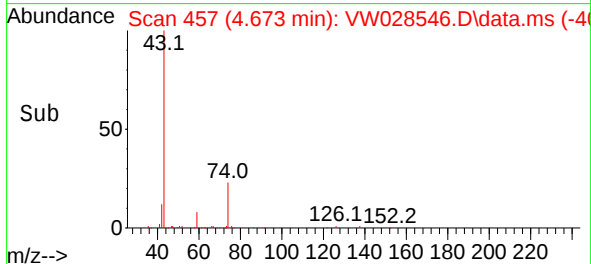
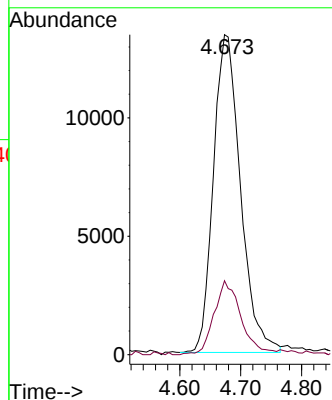
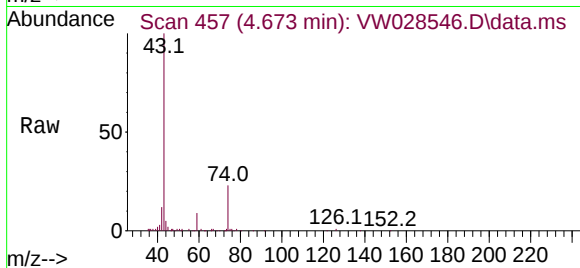
ClientSampleId :

Tgt Ion: 43 Resp: 41449

Ion Ratio Lower Upper

43 100

74 23.0 17.4 26.0



#16

Methylene chloride

Concen: 23.400 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

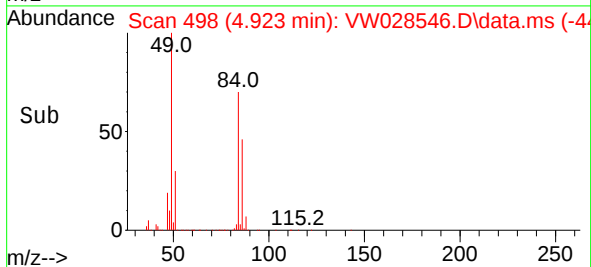
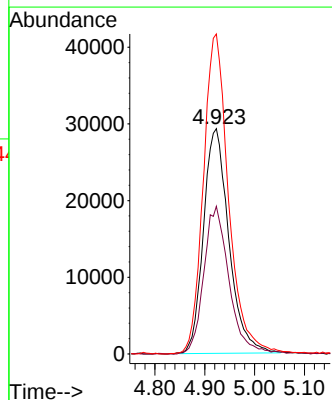
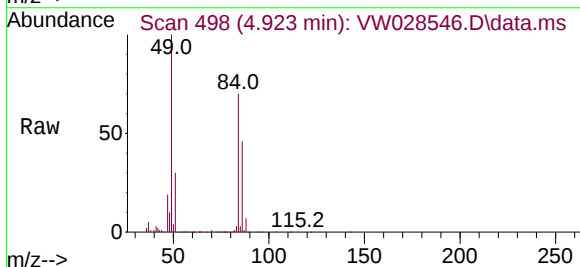
Tgt Ion: 84 Resp: 103713

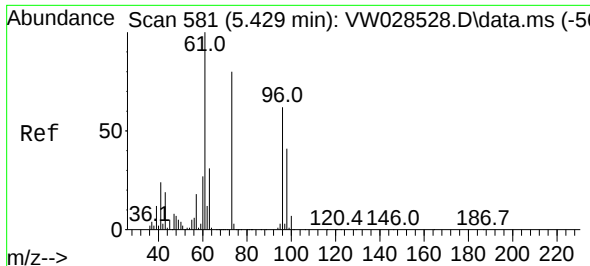
Ion Ratio Lower Upper

84 100

86 65.6 44.2 82.0

49 142.1 95.0 176.4

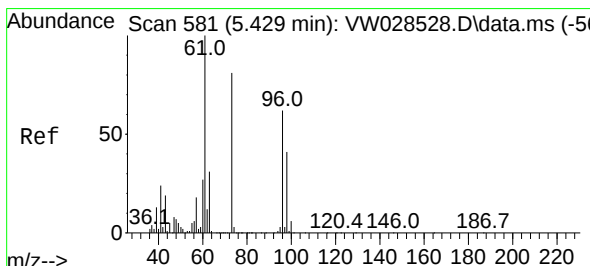
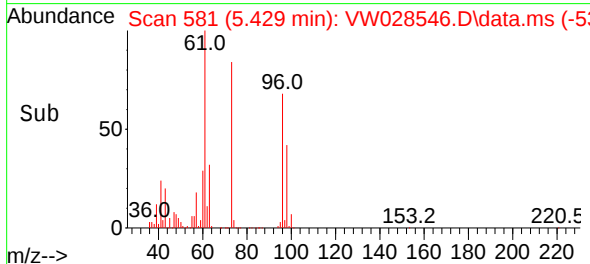
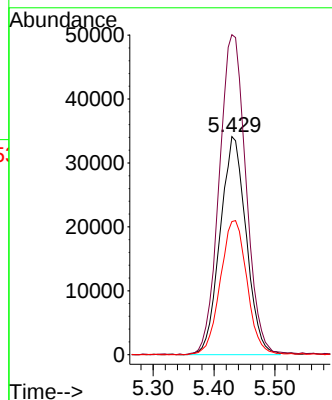
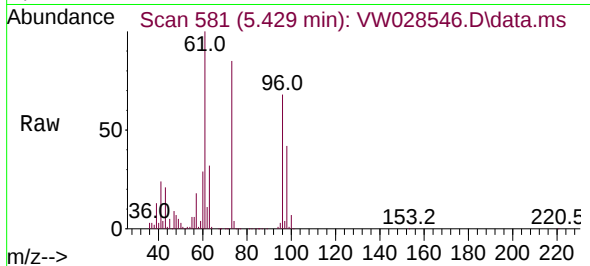




#17
trans-1,2-Dichloroethene
Concen: 24.769 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

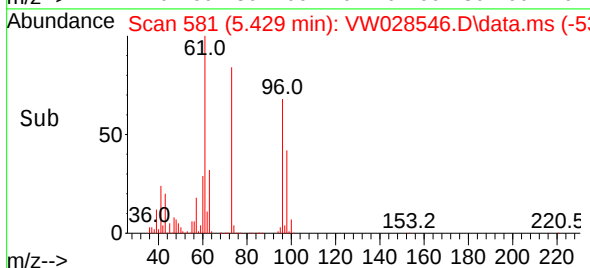
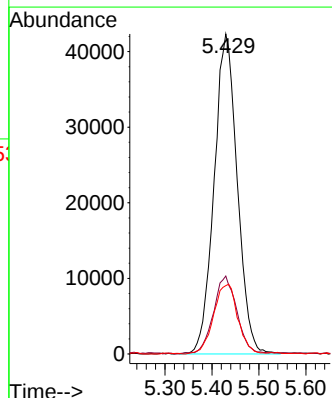
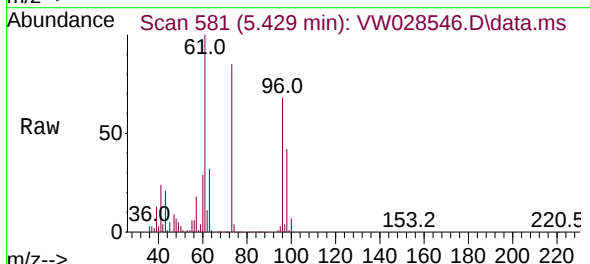
Instrument :
MSVOA_W
ClientSampleId :

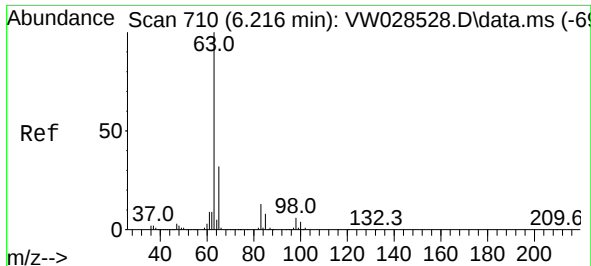
Tgt Ion: 96 Resp: 101277
Ion Ratio Lower Upper
96 100
61 146.7 108.4 201.4
98 61.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.222 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Tgt Ion: 73 Resp: 145066
Ion Ratio Lower Upper
73 100
43 24.7 18.5 27.7
57 22.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.553 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

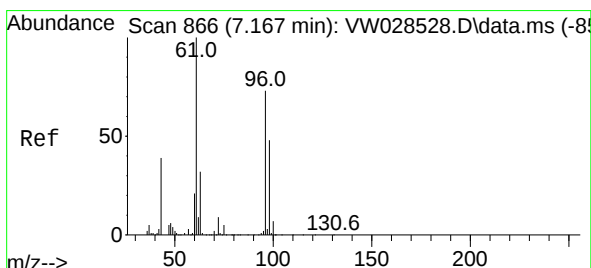
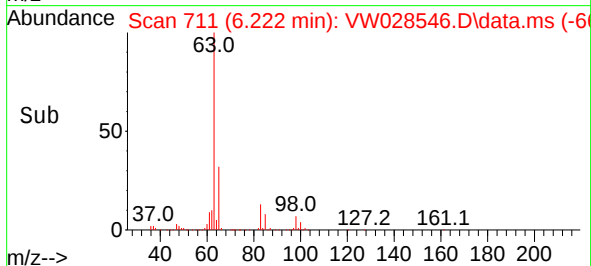
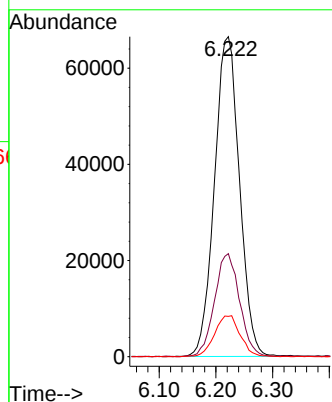
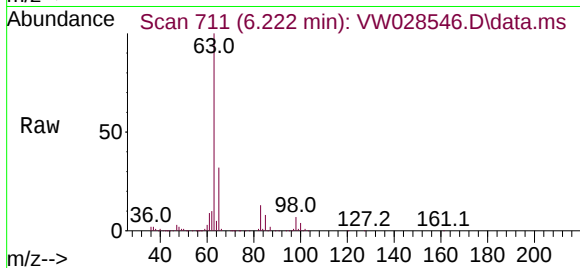
Tgt Ion: 63 Resp: 203564

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.4

83 12.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.900 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

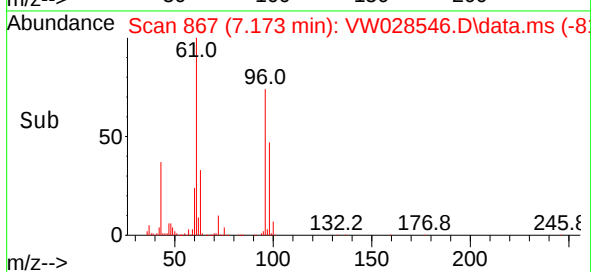
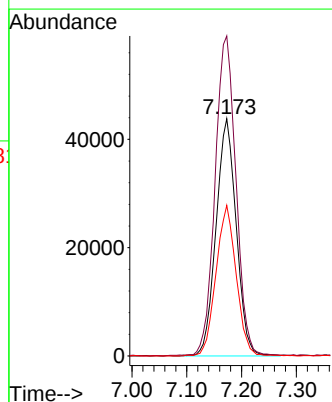
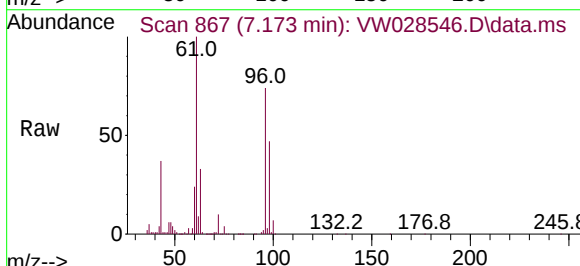
Tgt Ion: 96 Resp: 112397

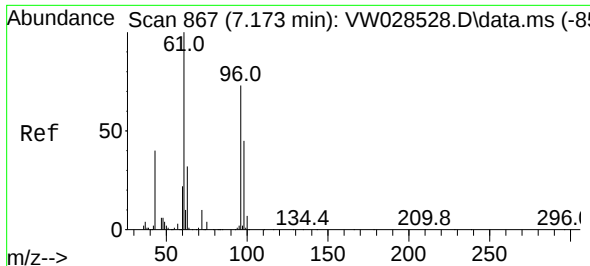
Ion Ratio Lower Upper

96 100

61 134.8 97.6 181.2

98 63.4 47.7 88.5

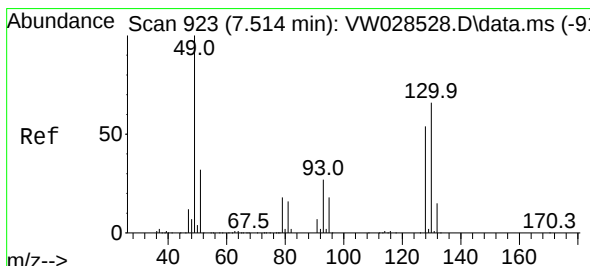
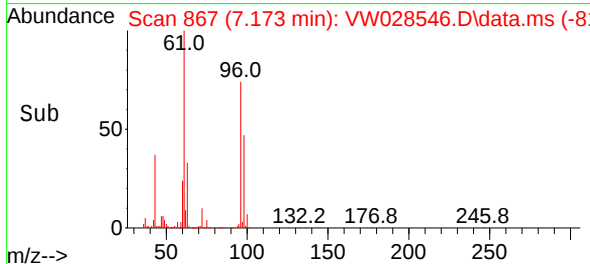
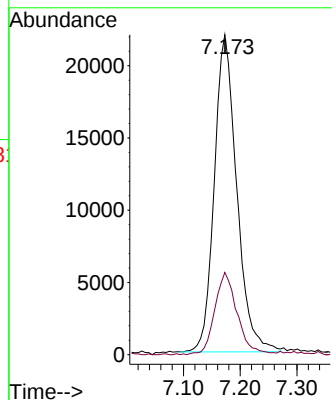
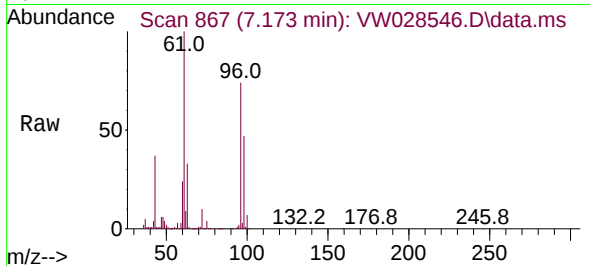




#22
2-Butanone
Concen: 46.097 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

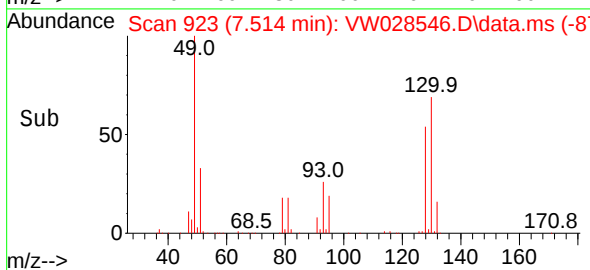
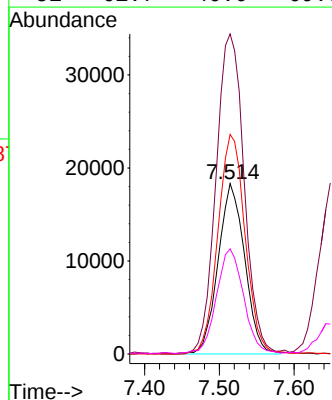
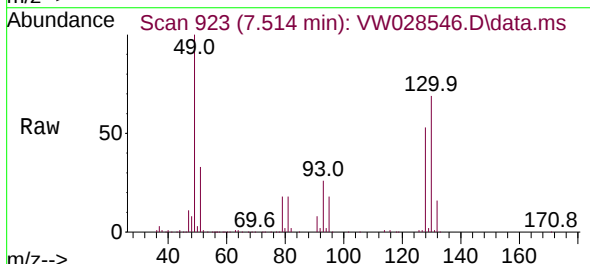
Instrument :
MSVOA_W
ClientSampleId :

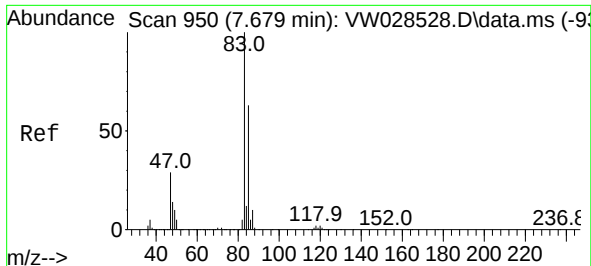
Tgt Ion: 43 Resp: 60357
Ion Ratio Lower Upper
43 100
72 25.9 12.8 38.4



#23
Bromochloromethane
Concen: 24.249 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Tgt Ion: 128 Resp: 45327
Ion Ratio Lower Upper
128 100
49 187.7 127.1 236.0
130 128.8 78.3 145.5
51 61.7 46.0 69.0





#25

Chloroform

Concen: 26.312 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

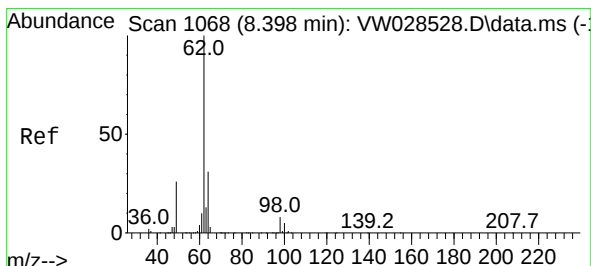
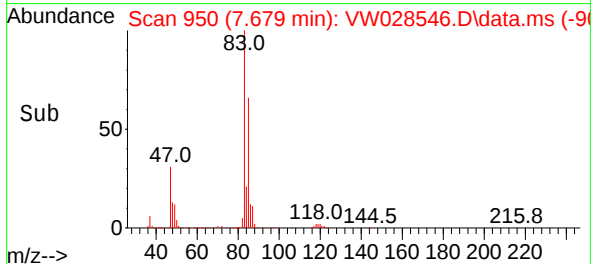
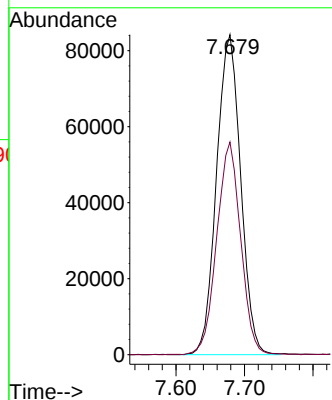
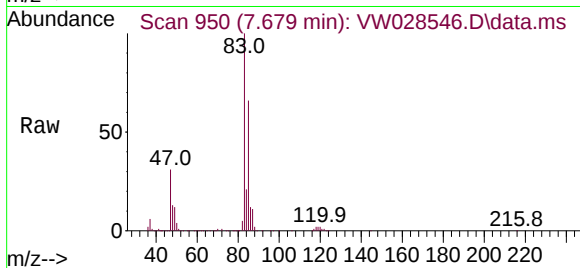
ClientSampleId :

Tgt Ion: 83 Resp: 205911

Ion Ratio Lower Upper

83 100

85 66.5 47.7 88.7



#27

1,2-Dichloroethane

Concen: 25.685 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028546.D

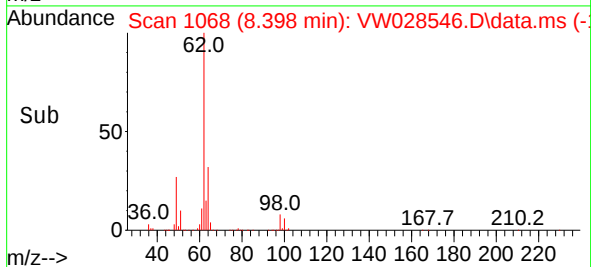
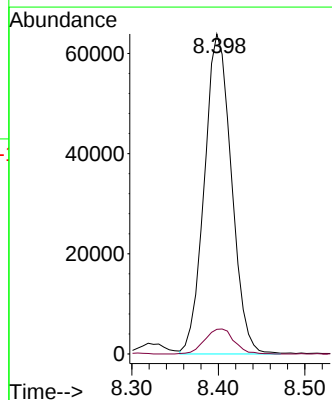
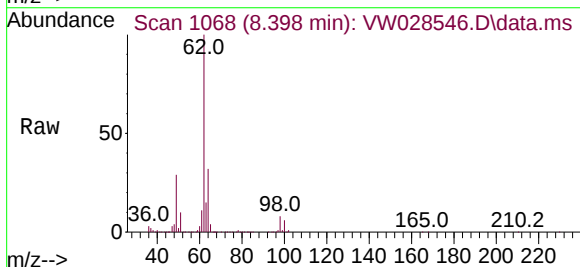
Acq: 25 Apr 2024 10:25

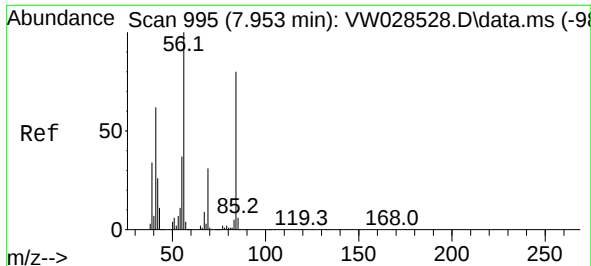
Tgt Ion: 62 Resp: 138732

Ion Ratio Lower Upper

62 100

98 7.7 6.6 10.0





#29

Cyclohexane

Concen: 25.967 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

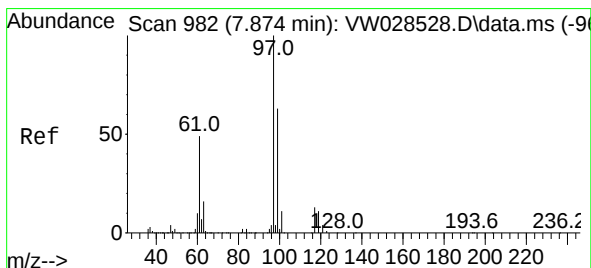
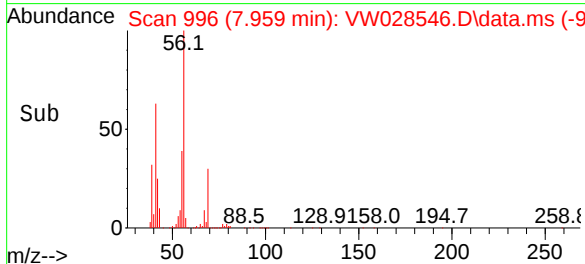
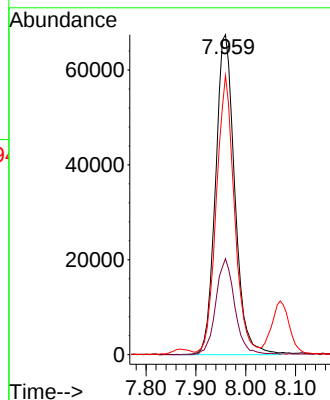
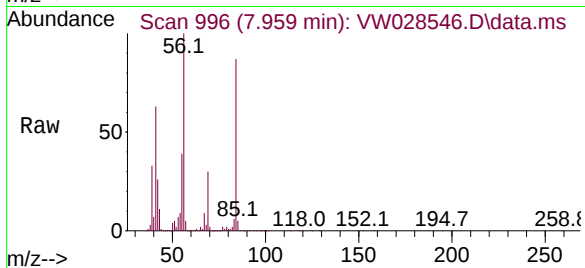
Tgt Ion: 56 Resp: 180989

Ion Ratio Lower Upper

56 100

69 29.5 23.8 35.6

84 82.0 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 26.148 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

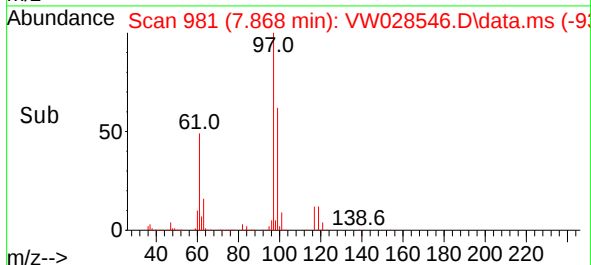
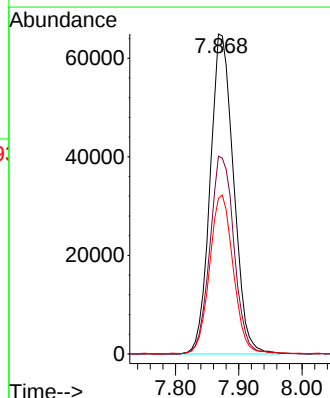
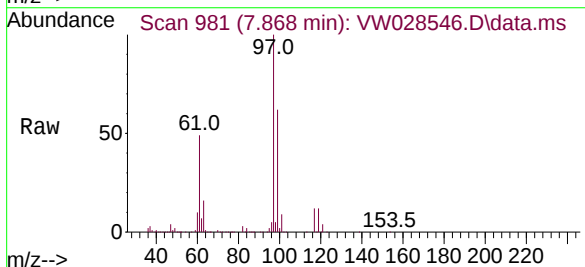
Tgt Ion: 97 Resp: 167337

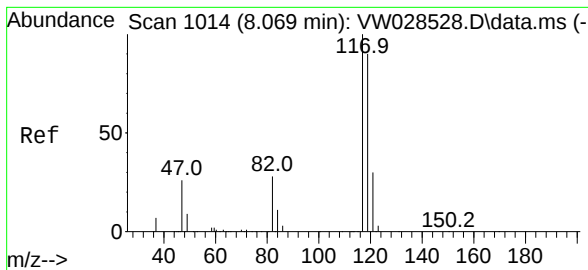
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

61 50.2 40.5 60.7

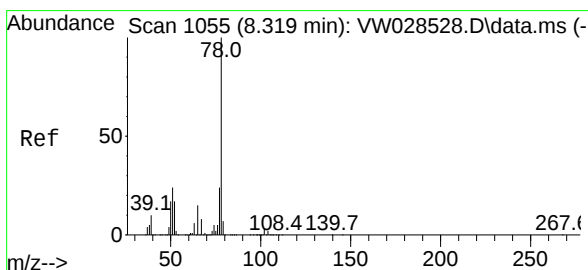
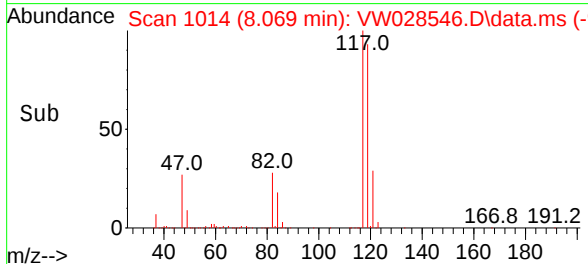
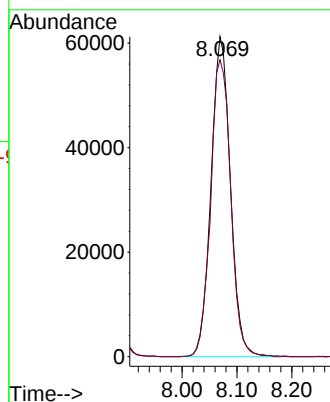
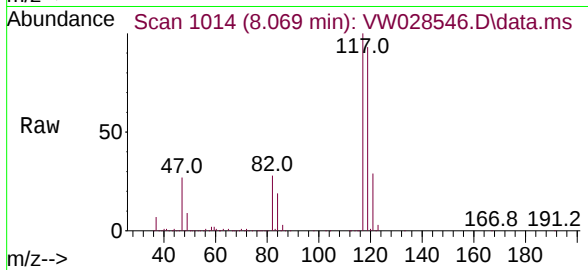




#31
Carbon tetrachloride
Concen: 26.462 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

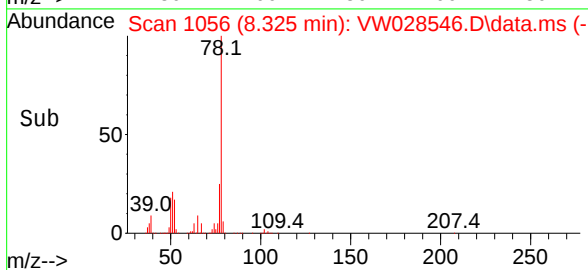
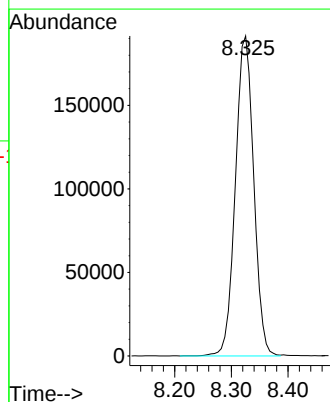
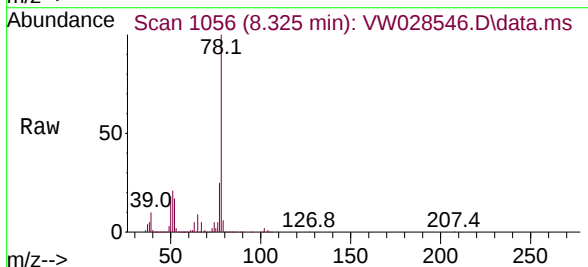
Instrument :
MSVOA_W
ClientSampleId :

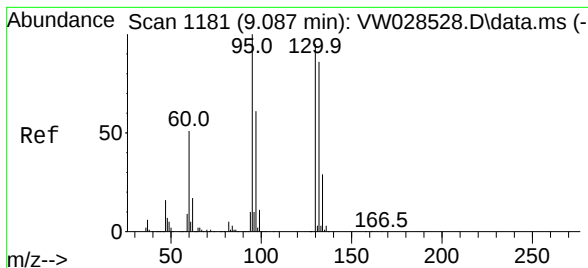
Tgt Ion:117 Resp: 150170
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 26.055 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Tgt Ion: 78 Resp: 429862





#34

Trichloroethene

Concen: 25.594 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

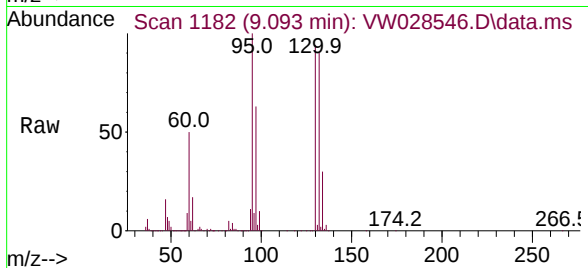
Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 114432

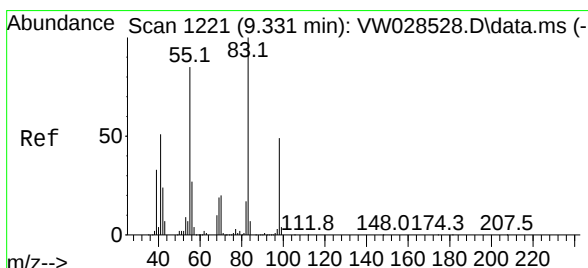
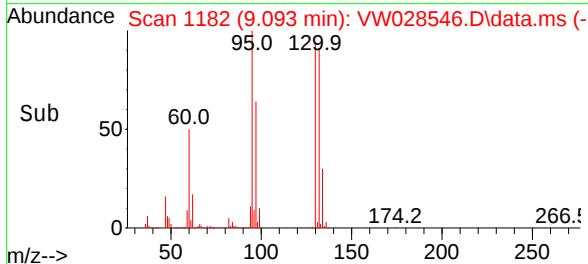
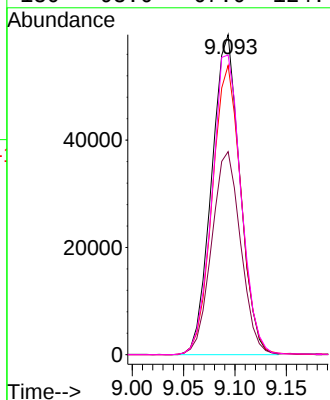
Ion Ratio Lower Upper

95 100

97 63.4 43.8 81.4

132 90.4 66.1 122.8

130 93.6 67.0 124.4



#35

Methylcyclohexane

Concen: 25.744 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

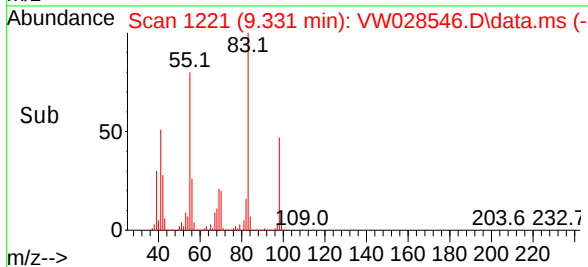
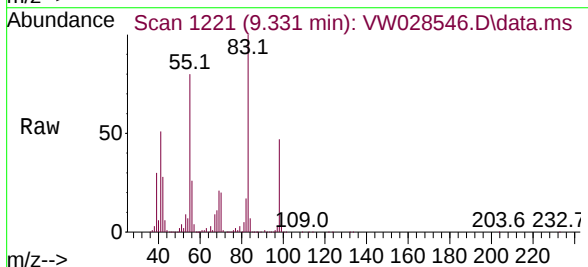
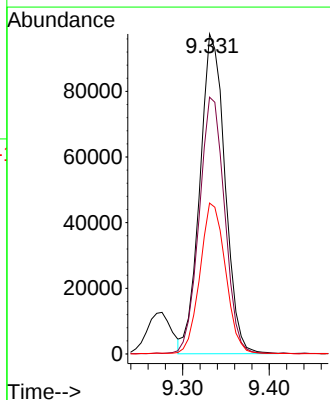
Tgt Ion: 83 Resp: 196418

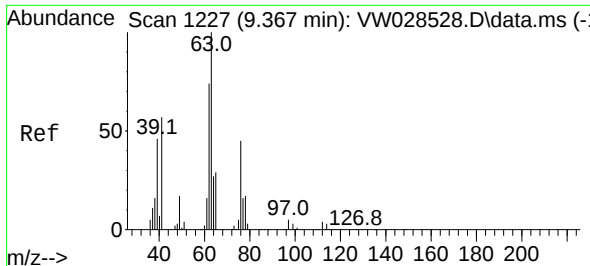
Ion Ratio Lower Upper

83 100

55 81.3 65.7 98.5

98 48.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 26.224 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

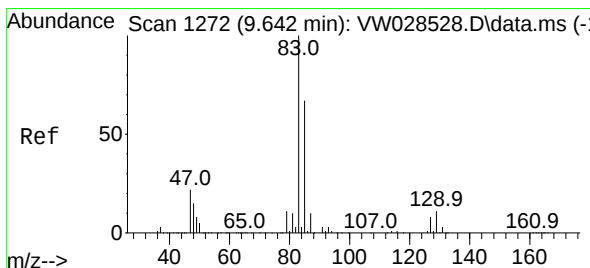
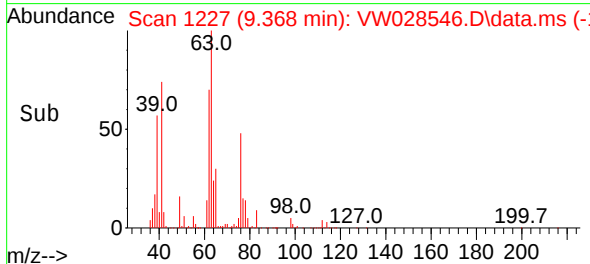
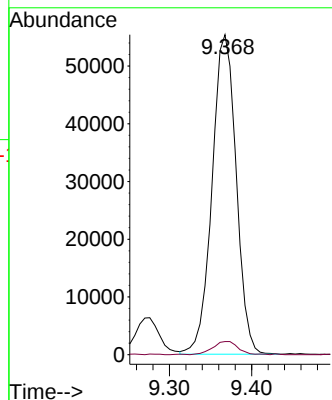
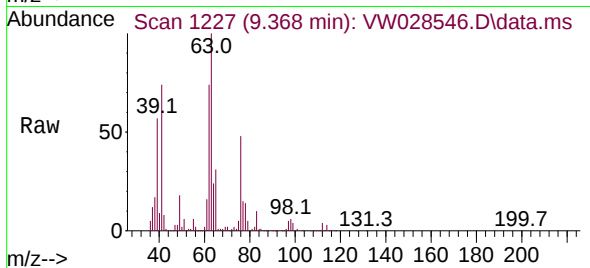
ClientSampleId :

Tgt Ion: 63 Resp: 112764

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 26.286 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

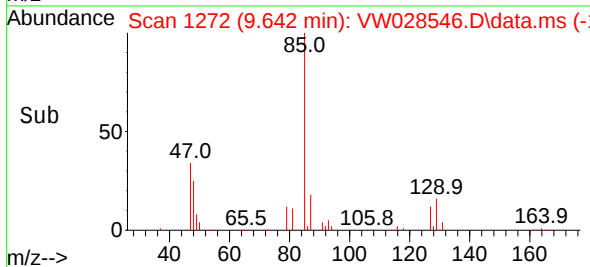
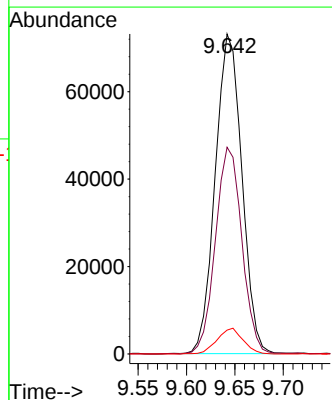
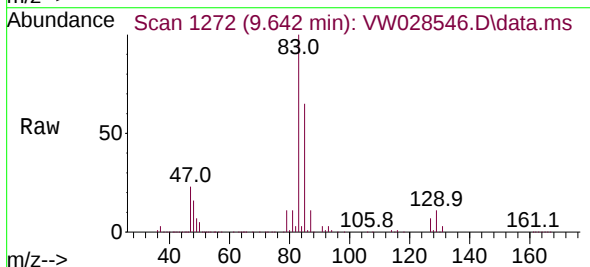
Tgt Ion: 83 Resp: 140099

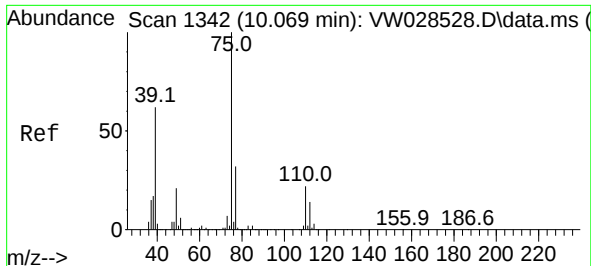
Ion Ratio Lower Upper

83 100

85 64.6 43.1 80.1

127 7.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.360 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

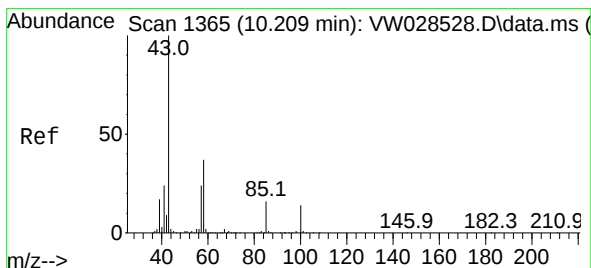
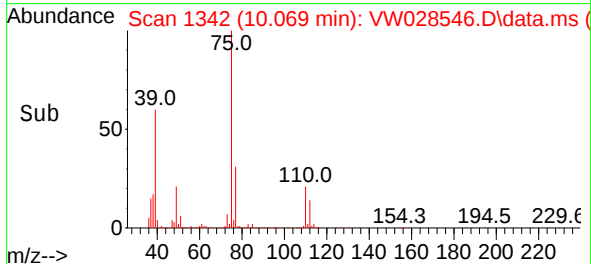
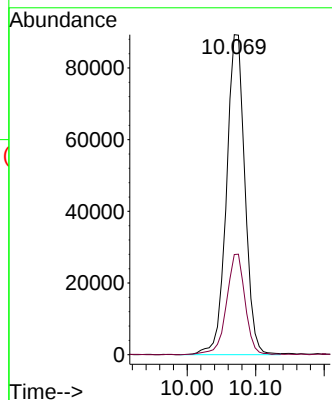
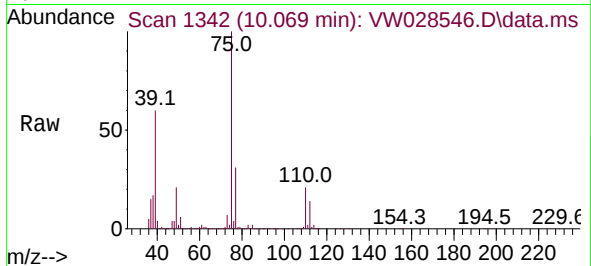
ClientSampleId :

Tgt Ion: 75 Resp: 166219

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 56.023 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

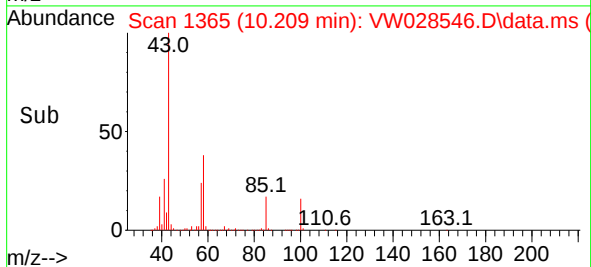
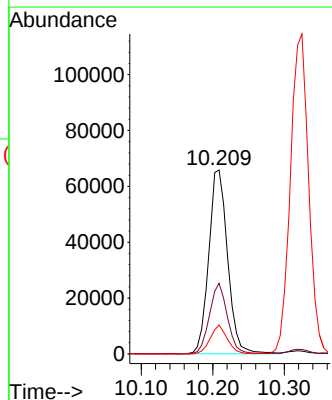
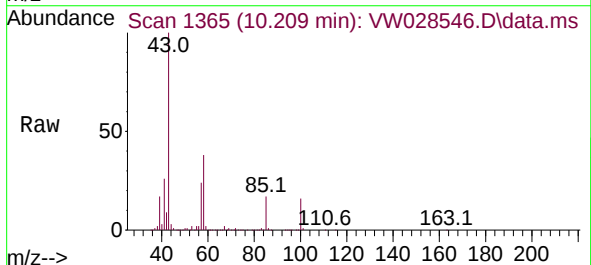
Tgt Ion: 43 Resp: 120592

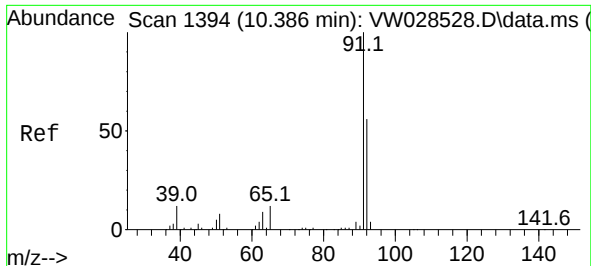
Ion Ratio Lower Upper

43 100

58 36.7 28.6 43.0

100 14.2 10.6 16.0





#42

Toluene

Concen: 26.701 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

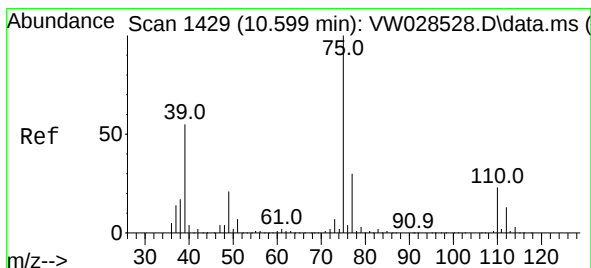
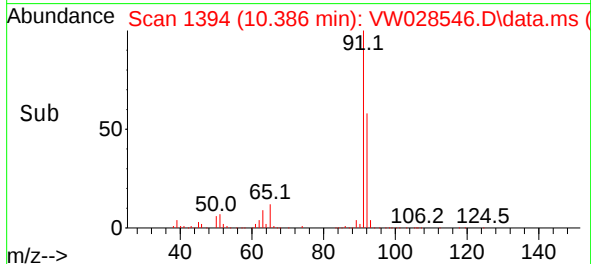
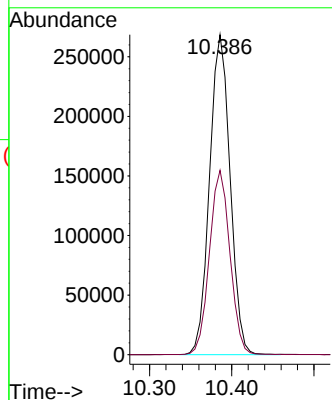
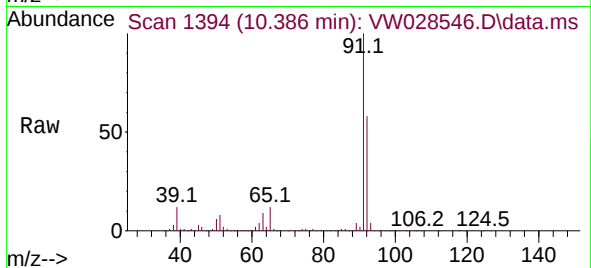
ClientSampleId :

Tgt Ion: 91 Resp: 466678

Ion Ratio Lower Upper

91 100

92 57.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.563 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW028546.D

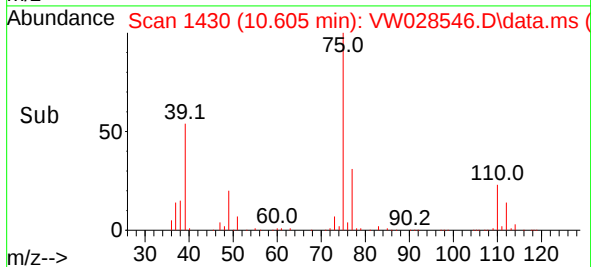
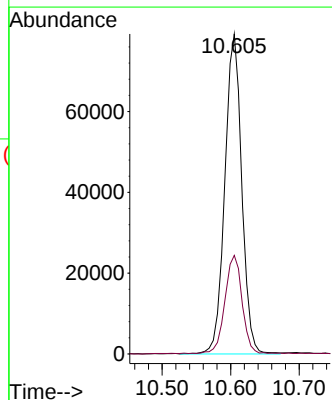
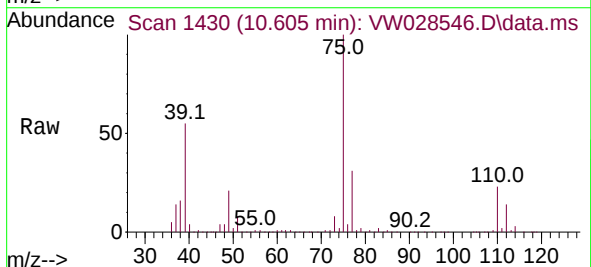
Acq: 25 Apr 2024 10:25

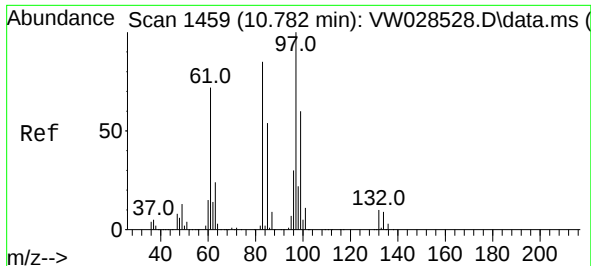
Tgt Ion: 75 Resp: 135506

Ion Ratio Lower Upper

75 100

77 30.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.488 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77058

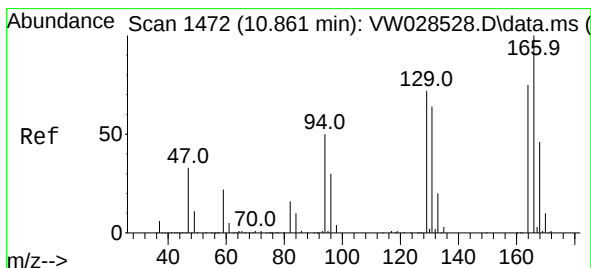
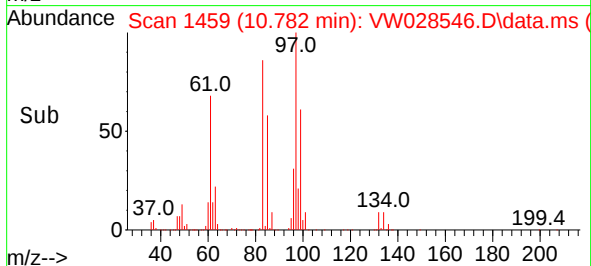
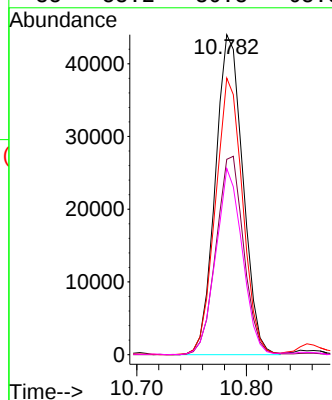
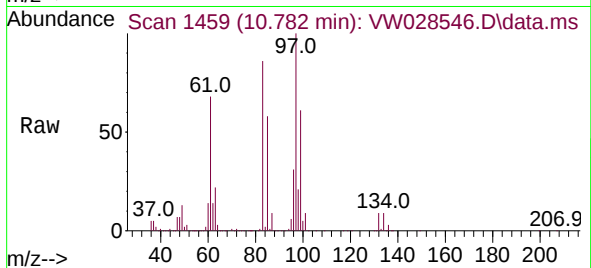
Ion Ratio Lower Upper

97 100

99 61.1 44.2 82.2

83 86.5 56.4 104.7

85 58.2 36.8 68.3



#46

Tetrachloroethene

Concen: 25.518 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Tgt Ion:164 Resp: 85222

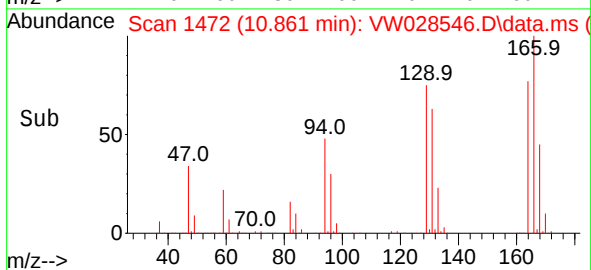
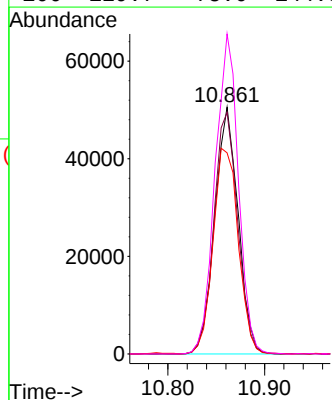
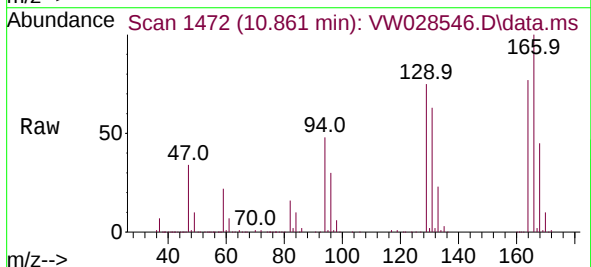
Ion Ratio Lower Upper

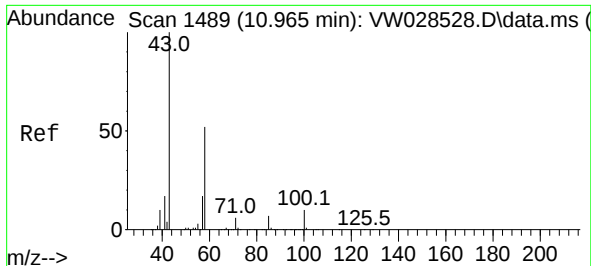
164 100

129 97.9 59.7 110.9

131 81.6 58.2 108.2

166 129.7 78.0 144.8

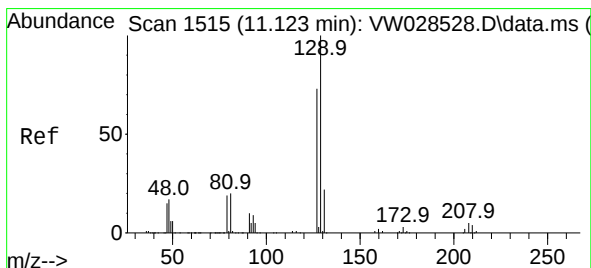
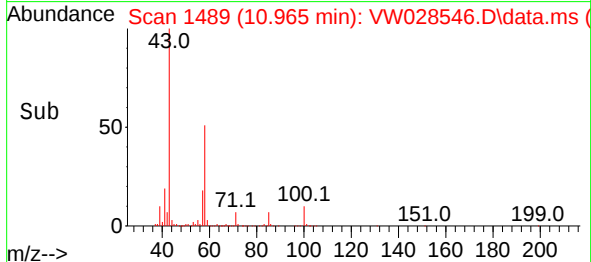
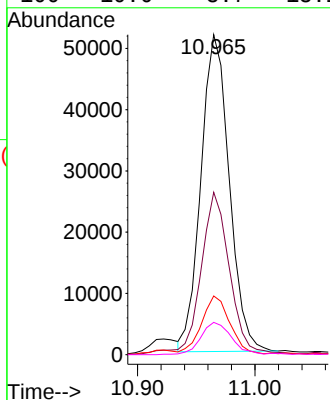
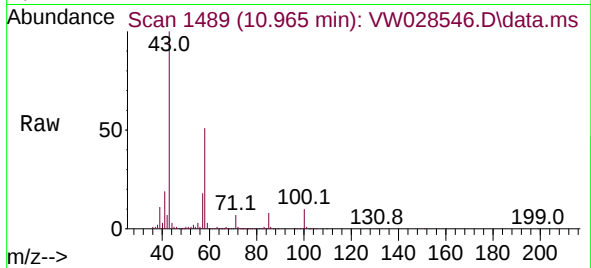




#48
2-Hexanone
Concen: 50.706 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

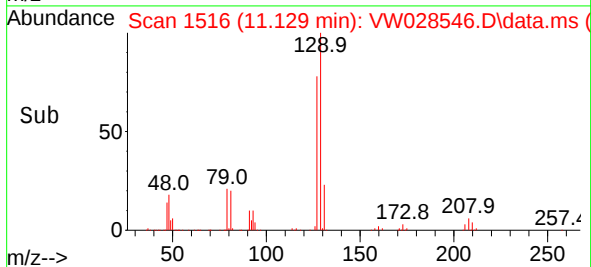
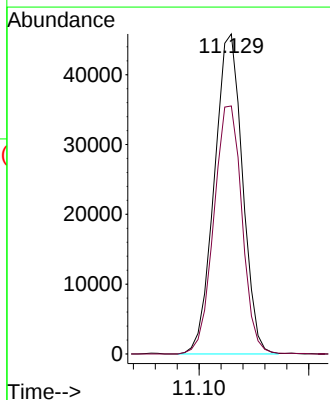
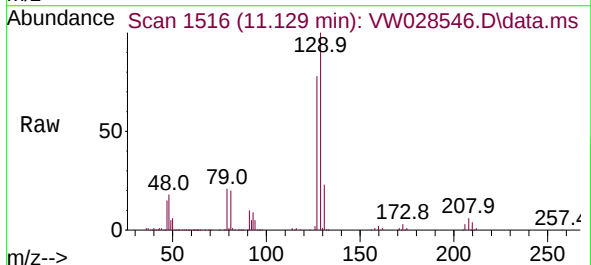
Instrument :
MSVOA_W
ClientSampleId :

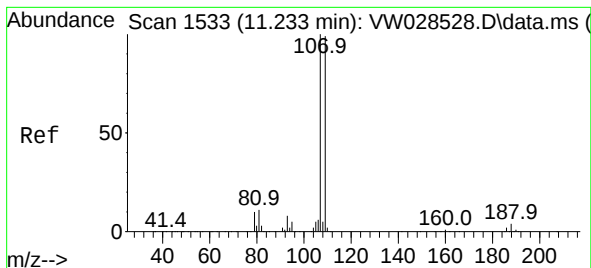
Tgt Ion: 43	Resp: 86638
Ion Ratio	Lower Upper
43 100	
58 49.9	38.9 58.3
57 18.4	14.4 21.6
100 10.6	8.7 13.1



#49
Dibromochloromethane
Concen: 26.351 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Tgt Ion:129	Resp:	81934	
Ion	Ratio	Lower	Upper
129	100		
127	77.5	53.0	98.4





#50

1,2-Dibromoethane

Concen: 26.031 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028546.D

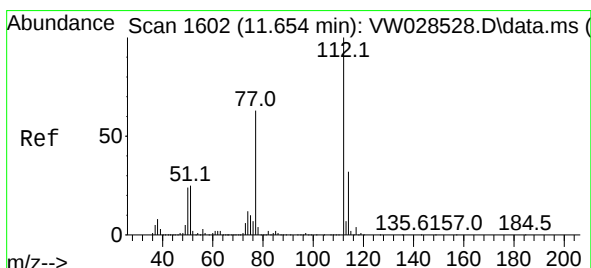
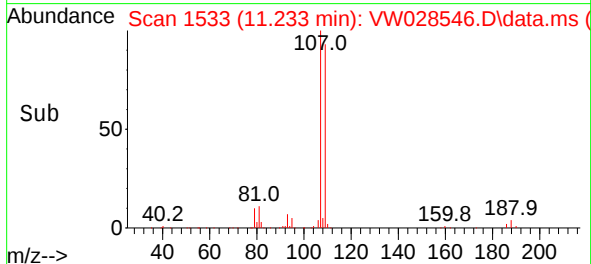
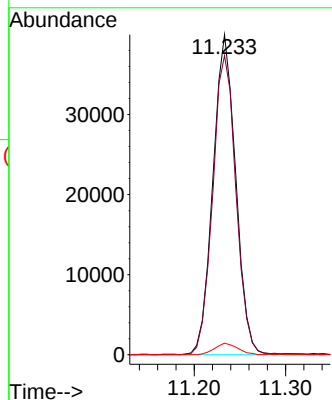
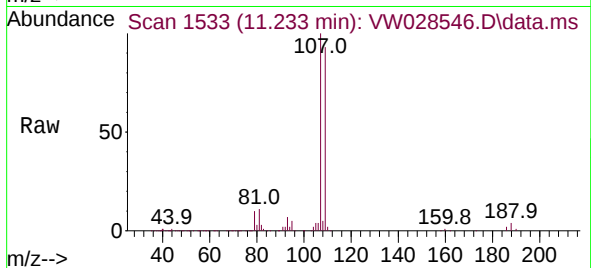
Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	69118
Ion Ratio	Lower	Upper
107	100	
109	93.4	62.1 115.3
188	3.6	3.2 4.8



#51

Chlorobenzene

Concen: 26.086 ug/L

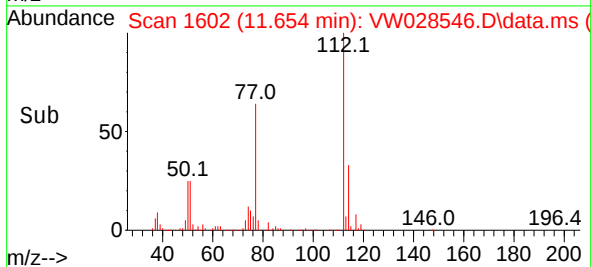
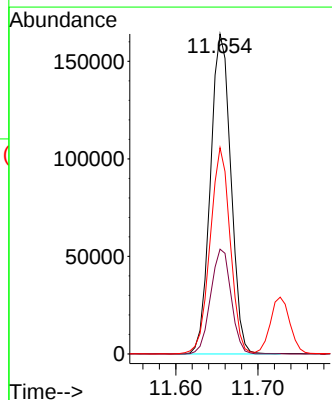
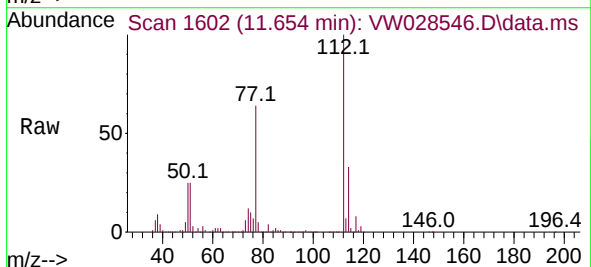
RT: 11.654 min Scan# 1602

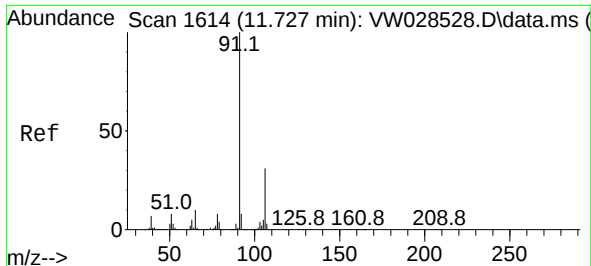
Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Tgt Ion:112	Resp:	283401
Ion Ratio	Lower	Upper
112	100	
114	32.8	22.3 41.3
77	64.5	51.8 77.8





#52

Ethylbenzene

Concen: 26.877 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

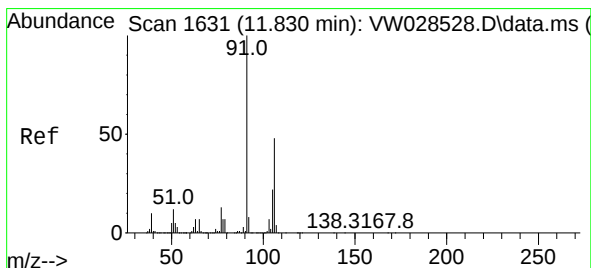
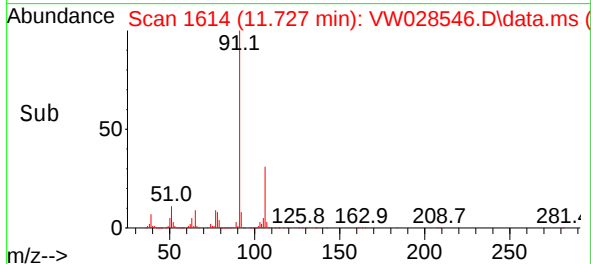
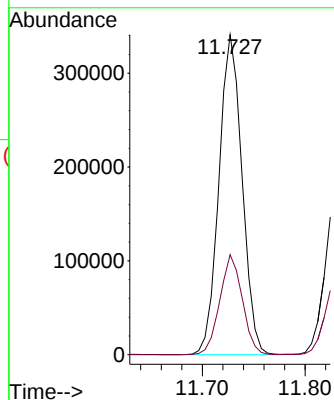
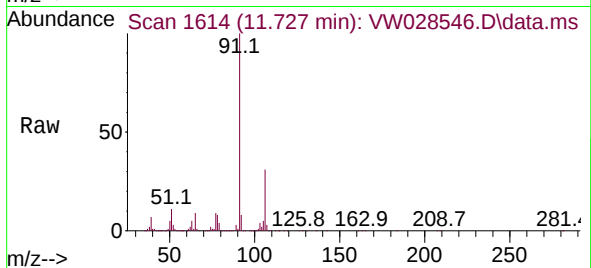
ClientSampleId :

Tgt Ion: 91 Resp: 532504

Ion Ratio Lower Upper

91 100

106 31.2 21.2 39.4



#53

m,p-Xylene

Concen: 26.485 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.006 min

Lab File: VW028546.D

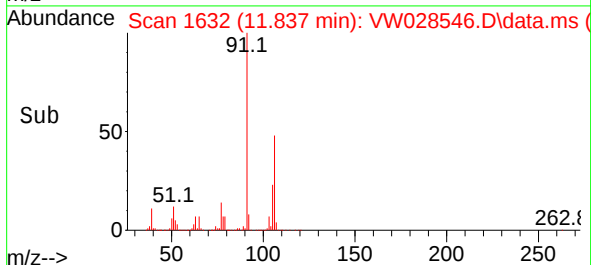
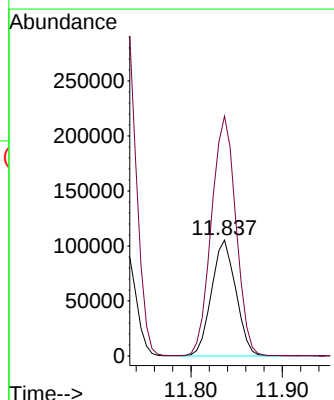
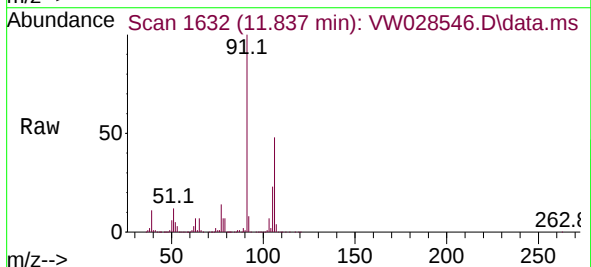
Acq: 25 Apr 2024 10:25

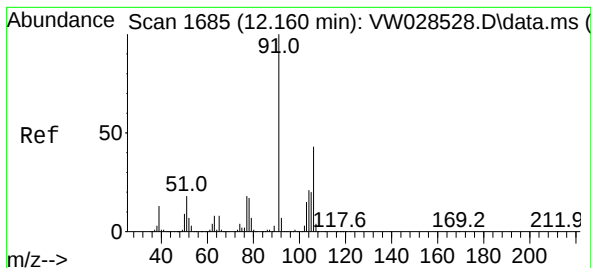
Tgt Ion:106 Resp: 195138

Ion Ratio Lower Upper

106 100

91 207.0 152.4 283.0





#54

o-Xylene

Concen: 27.248 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

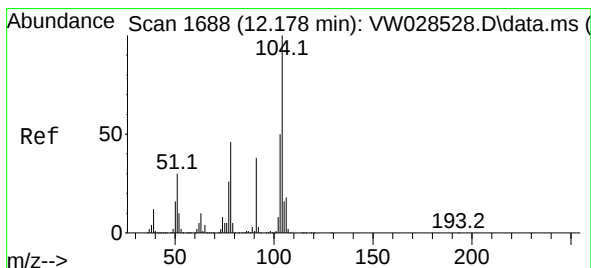
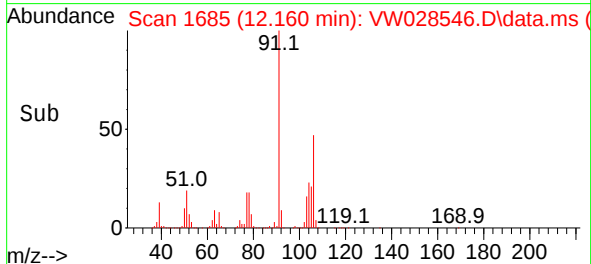
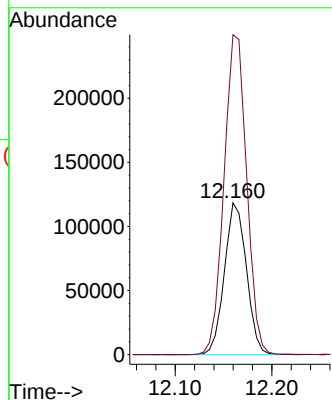
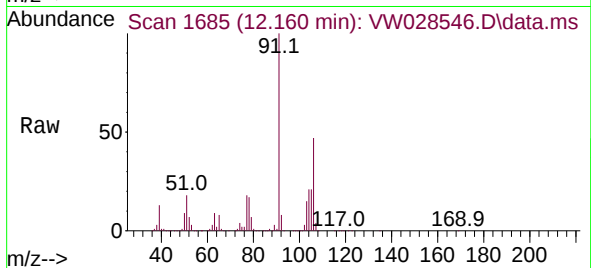
ClientSampleId :

Tgt Ion:106 Resp: 186931

Ion Ratio Lower Upper

106 100

91 210.7 152.9 283.9



#55

Styrene

Concen: 27.580 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028546.D

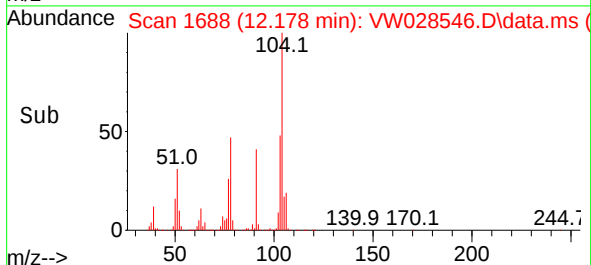
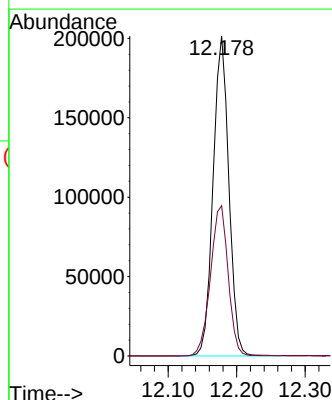
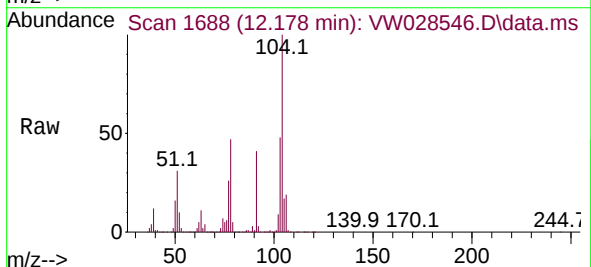
Acq: 25 Apr 2024 10:25

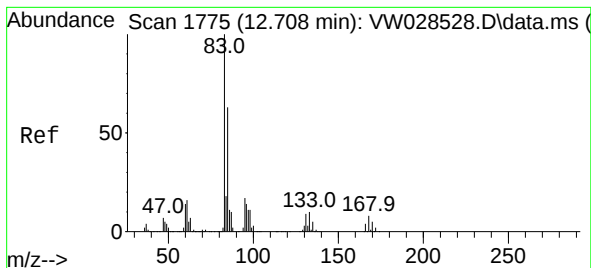
Tgt Ion:104 Resp: 322023

Ion Ratio Lower Upper

104 100

78 47.0 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.840 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028546.D

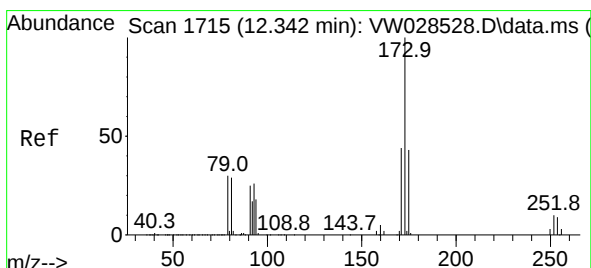
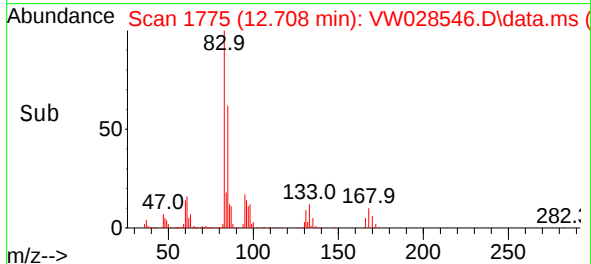
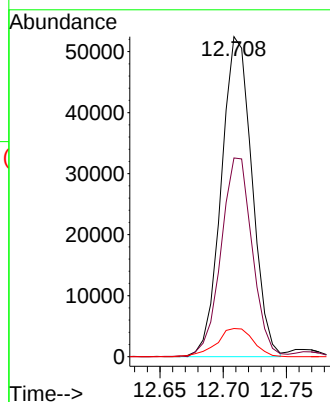
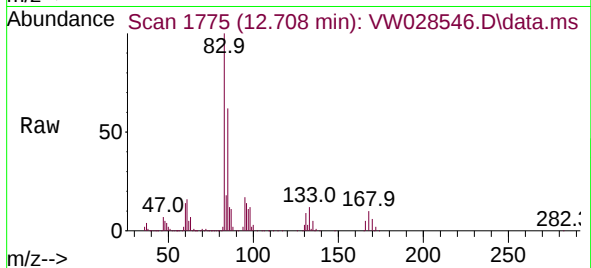
Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 88365
Ion Ratio	Lower Upper
83 100	
85 62.1	43.4 80.6
131 8.8	8.0 12.0



#59

Bromoform

Concen: 24.830 ug/L

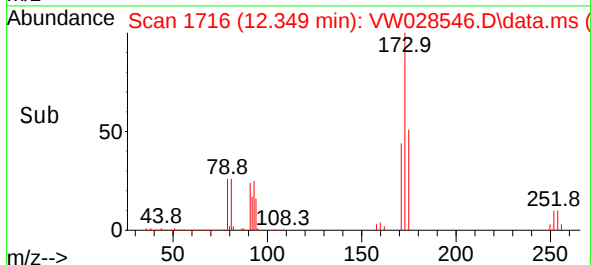
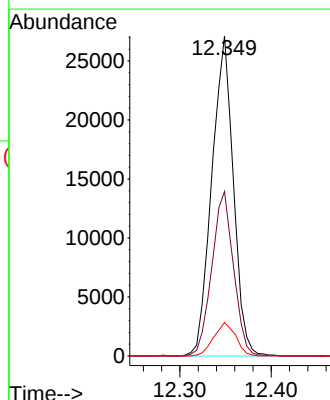
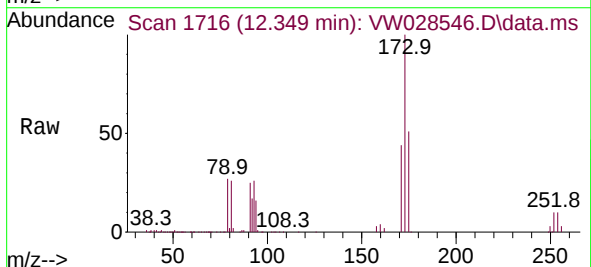
RT: 12.349 min Scan# 1716

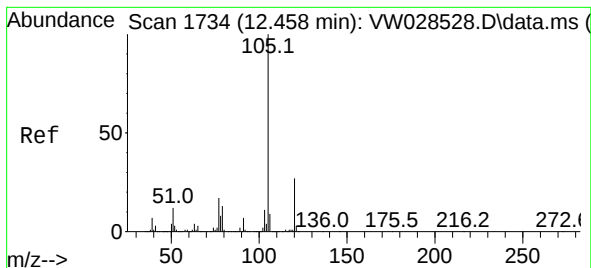
Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Tgt Ion: 173	Resp: 44424
Ion Ratio	Lower Upper
173 100	
175 51.6	39.2 58.8
254 10.6	8.3 12.5





#60

Isopropylbenzene

Concen: 25.701 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

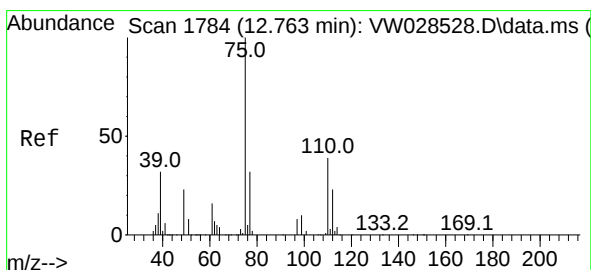
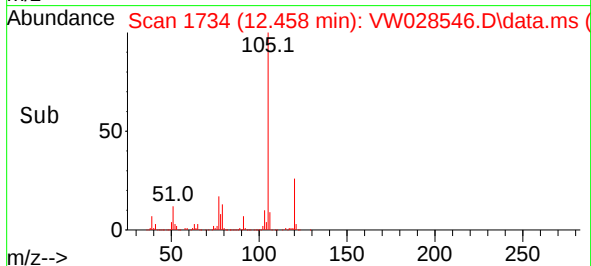
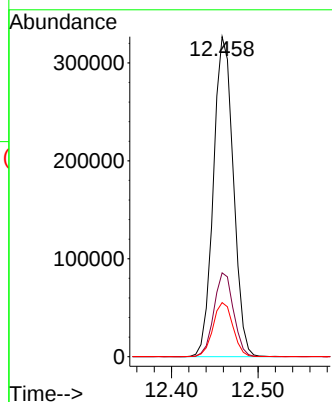
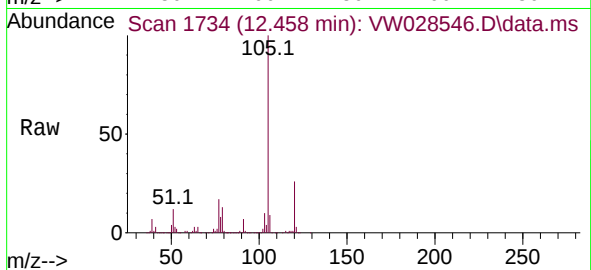
Tgt Ion:105 Resp: 522245

Ion Ratio Lower Upper

105 100

120 25.8 20.8 31.2

77 16.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.822 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

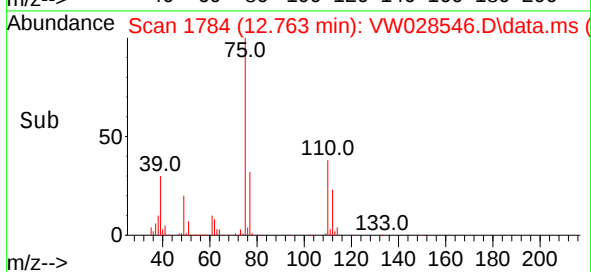
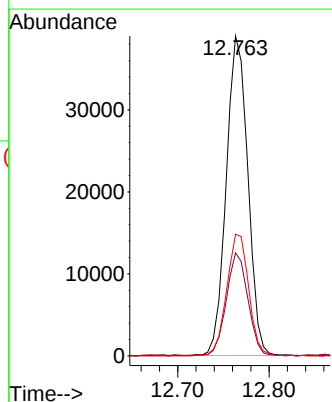
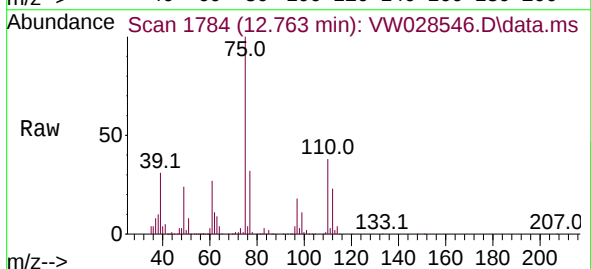
Tgt Ion: 75 Resp: 63989

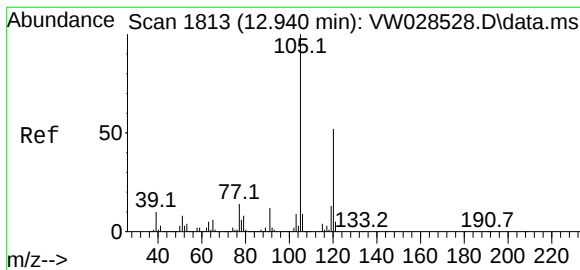
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 38.8 30.6 46.0

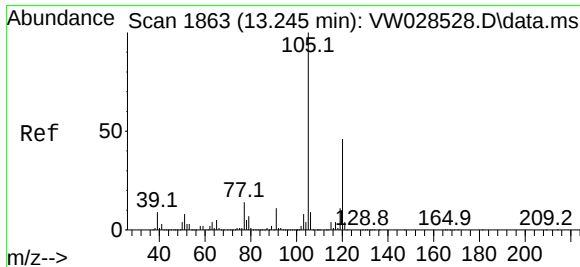
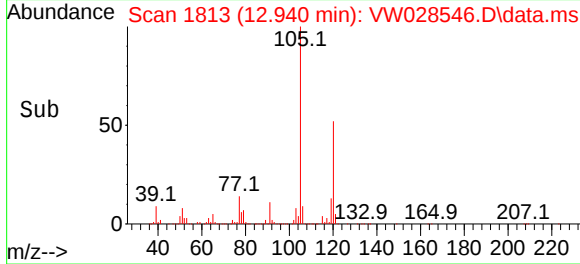
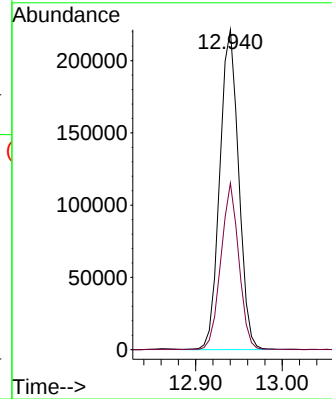
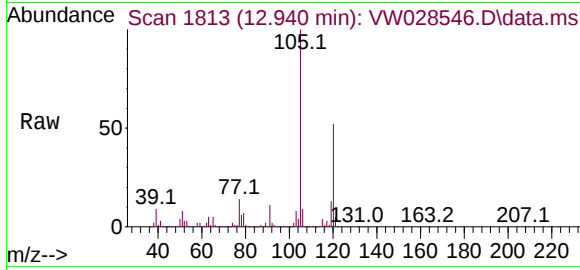




#62
1,3,5-Trimethylbenzene
Concen: 25.860 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

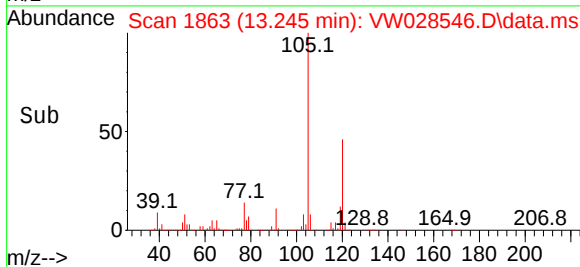
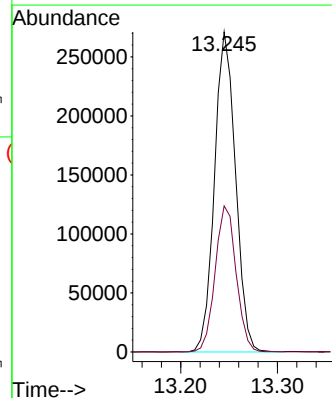
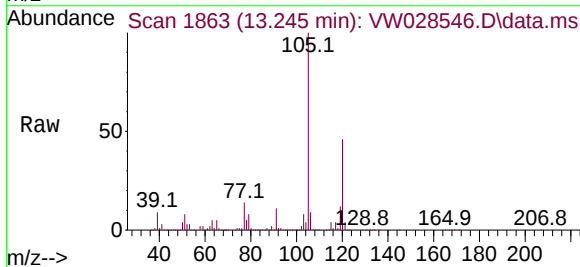
Instrument :
MSVOA_W
ClientSampleId :

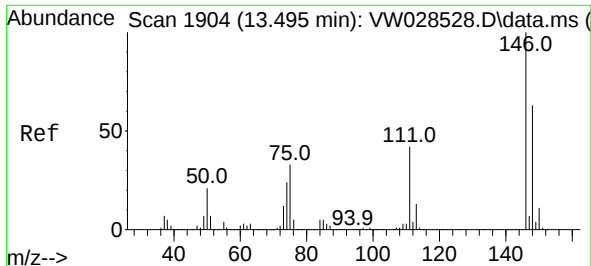
Tgt Ion:105 Resp: 334919
Ion Ratio Lower Upper
105 100
120 49.2 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 26.285 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

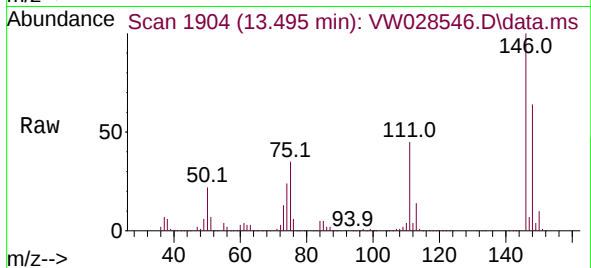
Tgt Ion:105 Resp: 409686
Ion Ratio Lower Upper
105 100
120 45.6 35.4 53.0



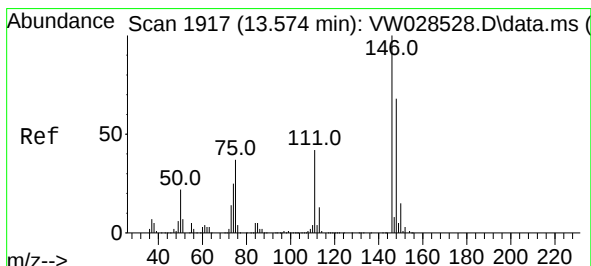
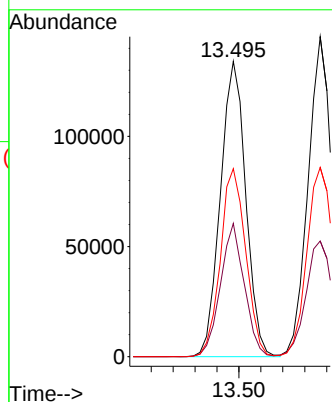
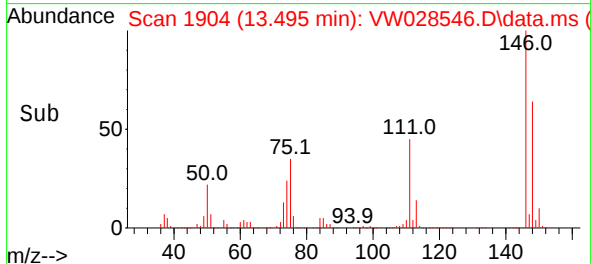


#64
1,3-Dichlorobenzene
Concen: 25.011 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Instrument :
MSVOA_W
ClientSampleId :

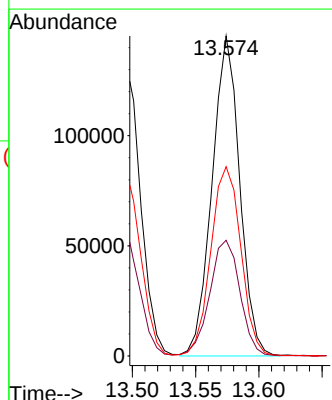
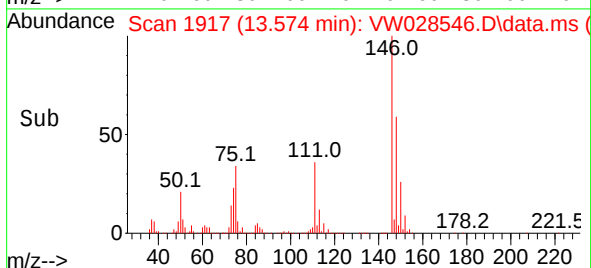
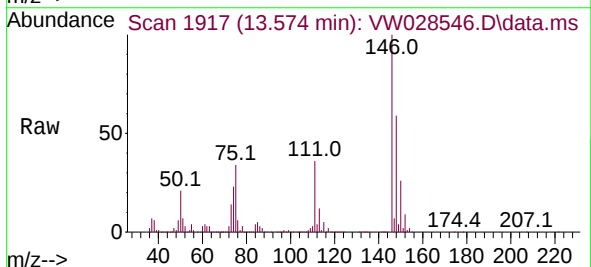


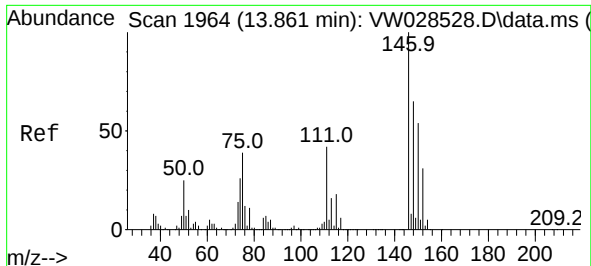
Tgt Ion:146 Resp: 215648
Ion Ratio Lower Upper
146 100
111 45.1 29.8 55.3
148 63.7 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 25.184 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028546.D
Acq: 25 Apr 2024 10:25

Tgt Ion:146 Resp: 220879
Ion Ratio Lower Upper
146 100
111 36.2 30.3 56.3
148 59.2 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 25.749 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

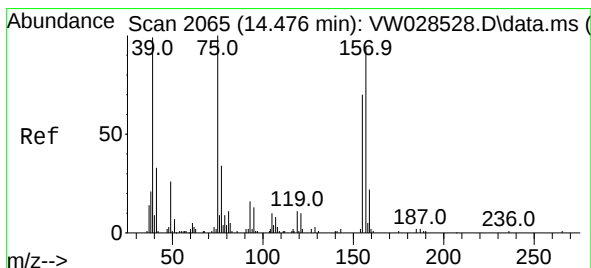
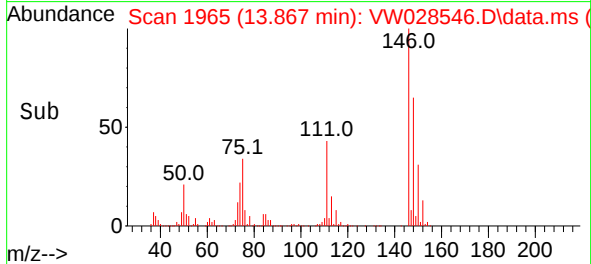
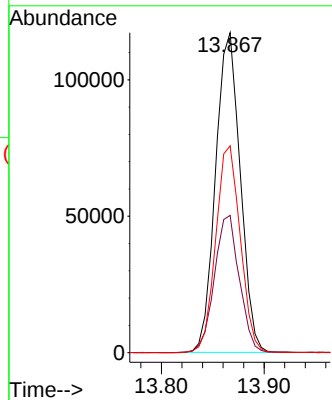
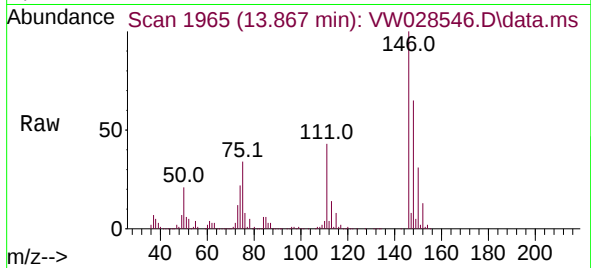
Tgt Ion:146 Resp: 195286

Ion Ratio Lower Upper

146 100

111 42.9 31.4 47.2

148 64.6 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.599 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

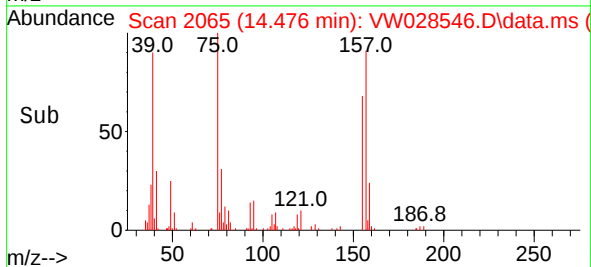
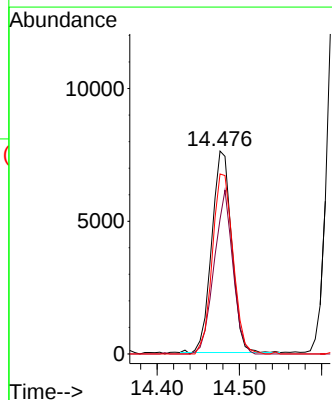
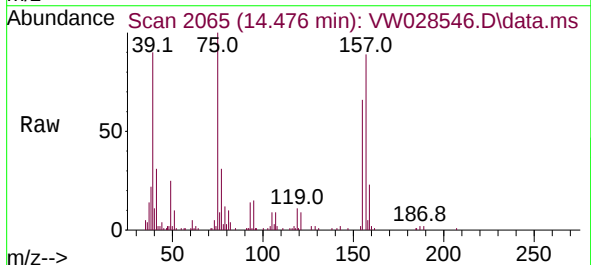
Tgt Ion: 75 Resp: 12833

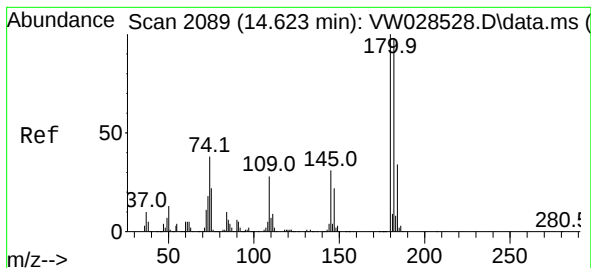
Ion Ratio Lower Upper

75 100

155 66.4 61.2 91.8

157 88.8 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 25.560 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

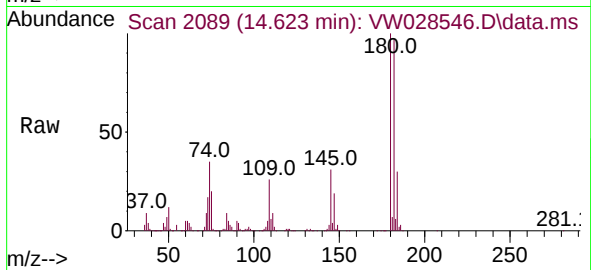
Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 151650

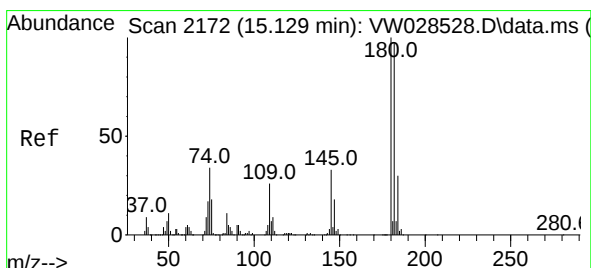
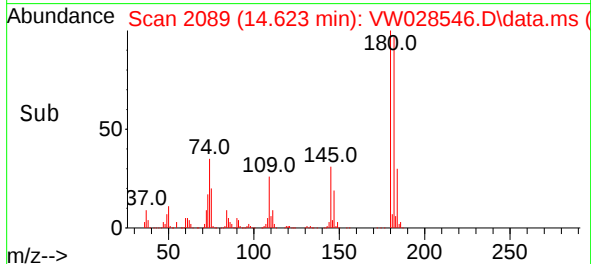
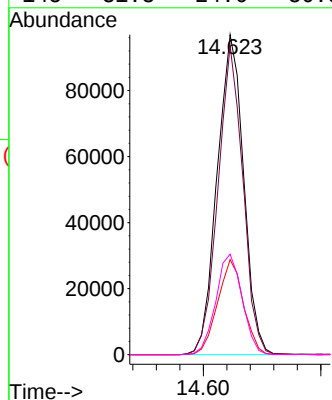
Ion Ratio Lower Upper

180 100

182 91.0 77.4 116.0

184 29.0 24.8 37.2

145 31.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 25.595 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

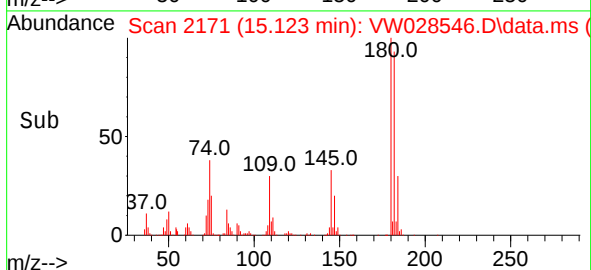
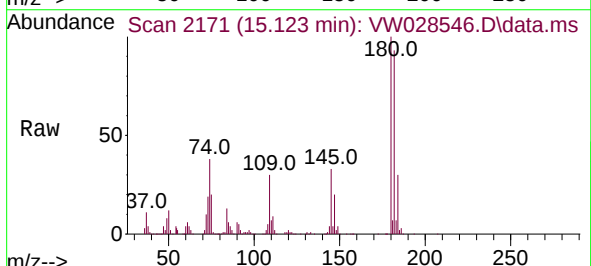
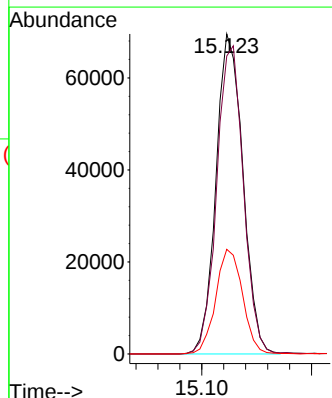
Tgt Ion:180 Resp: 118587

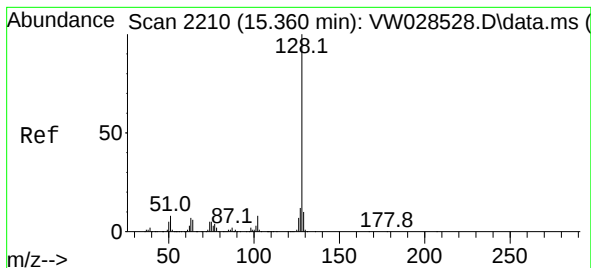
Ion Ratio Lower Upper

180 100

182 95.3 71.5 107.3

145 32.6 23.5 35.3





#71

Naphthalene

Concen: 26.230 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Instrument :

MSVOA_W

ClientSampleId :

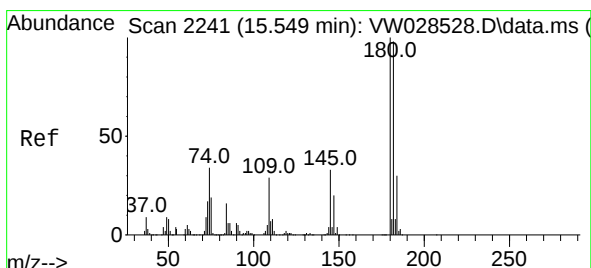
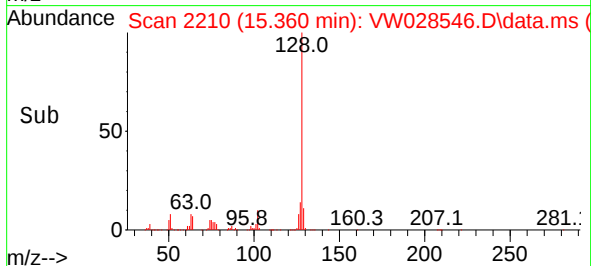
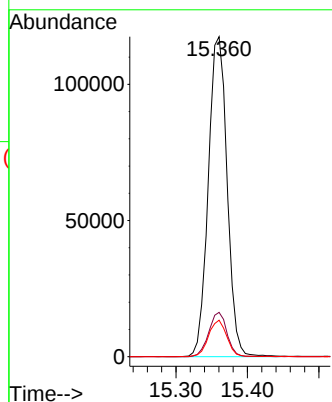
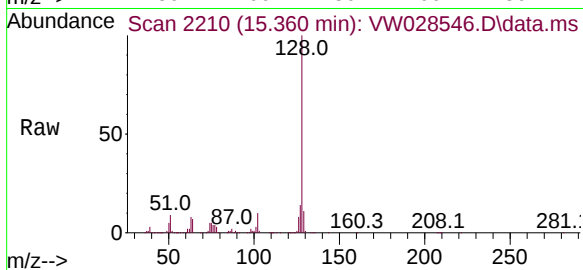
Tgt Ion:128 Resp: 215078

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.873 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028546.D

Acq: 25 Apr 2024 10:25

Tgt Ion:180 Resp: 98150

Ion Ratio Lower Upper

180 100

182 102.3 75.7 113.5

145 35.7 26.2 39.4

