

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
 Data File : VW028443.D
 Acq On : 16 Apr 2024 10:15
 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 17 05:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 15 22:30:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	292683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	274409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135406	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.362	65	95866	20.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
7) Chloroethane-d5	2.899	69	78933	22.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	4.021	65	42867	21.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.280%
21) 2-Butanone-d5	7.081	46	48015	54.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.360%
24) Chloroform-d	7.648	84	188267	24.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	8.300	65	102365	25.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.160%
32) Benzene-d6	8.270	84	354766	23.666	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	108146	24.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.318	98	322475	23.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	10.574	79	43335	24.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.922	63	34132	55.299	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84748	26.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	104668	24.442	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	94679	24.051	ug/L	99
3) Chloromethane	2.222	50	116269	25.157	ug/L	98
5) Vinyl chloride	2.375	62	134342	24.408	ug/L	98
6) Bromomethane	2.789	94	82048	23.859	ug/L	99
8) Chloroethane	2.936	64	82492	24.862	ug/L	97
9) Trichlorofluoromethane	3.265	101	101529	23.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103217	24.986	ug/L #	63
12) 1,1-Dichloroethene	4.045	96	96737	24.940	ug/L	92
13) Acetone	4.130	43	53511	49.635	ug/L	97
14) Carbon disulfide	4.393	76	303631	23.777	ug/L	100
15) Methyl Acetate	4.673	43	45122	26.012	ug/L	98
16) Methylene chloride	4.917	84	101784	22.982	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	105169	25.740	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	147919	25.737	ug/L	98
19) 1,1-Dichloroethane	6.215	63	206028	25.881	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	112457	25.933	ug/L	95
22) 2-Butanone	7.166	43	65684	50.203	ug/L	100
23) Bromochloromethane	7.514	128	47147	25.242	ug/L	90
25) Chloroform	7.672	83	202536	25.900	ug/L	95

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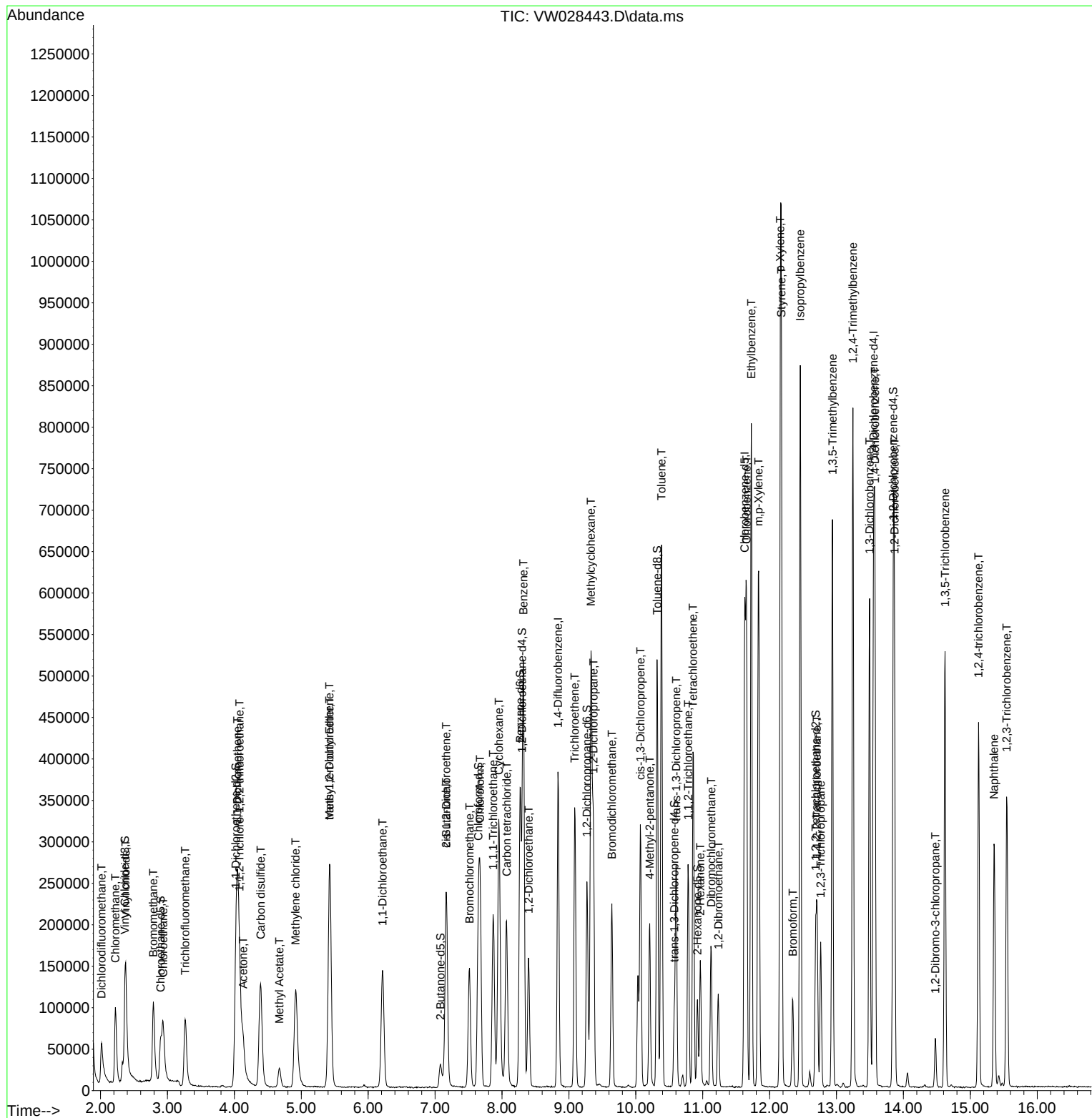
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	142722	26.443	ug/L	99
29) Cyclohexane	7.953	56	188013	25.939	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	165911	24.930	ug/L	99
31) Carbon tetrachloride	8.069	117	150195	25.450	ug/L	98
33) Benzene	8.319	78	433751	25.281	ug/L	100
34) Trichloroethene	9.087	95	116835	25.128	ug/L	95
35) Methylcyclohexane	9.331	83	203545	25.654	ug/L	99
37) 1,2-Dichloropropane	9.367	63	111734	24.987	ug/L	100
38) Bromodichloromethane	9.642	83	143695	25.925	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	171274	26.119	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	131146	58.586	ug/L	99
42) Toluene	10.385	91	464278	25.543	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	141259	26.628	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	79232	26.190	ug/L	94
46) Tetrachloroethene	10.855	164	84166	24.234	ug/L	86
48) 2-Hexanone	10.965	43	97169	54.686	ug/L	98
49) Dibromochloromethane	11.129	129	83892	25.944	ug/L	98
50) 1,2-Dibromoethane	11.233	107	73666	26.679	ug/L	97
51) Chlorobenzene	11.653	112	283802	25.120	ug/L	96
52) Ethylbenzene	11.727	91	532691	25.854	ug/L	99
53) m,p-Xylene	11.836	106	192553	25.130	ug/L	94
54) o-Xylene	12.159	106	182051	25.518	ug/L	90
55) Styrene	12.178	104	319714	26.331	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	93087	27.189	ug/L	98
59) Bromoform	12.348	173	44907	25.125	ug/L	98
60) Isopropylbenzene	12.458	105	533708	26.291	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68528	27.682	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	339084	26.208	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	420701	27.018	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	222773	25.864	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	221792	25.313	ug/L	89
67) 1,2-Dichlorobenzene	13.866	146	189931	25.068	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	14668	25.857	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	149495	25.222	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	129114	27.895	ug/L	96
71) Naphthalene	15.354	128	245087	29.919	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108892	26.512	ug/L	99

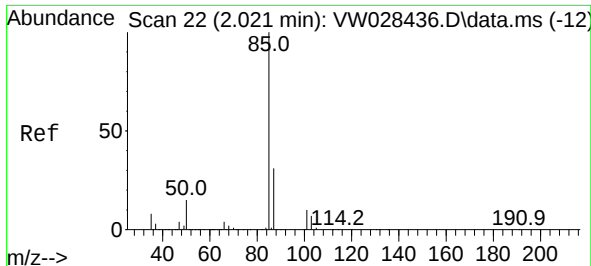
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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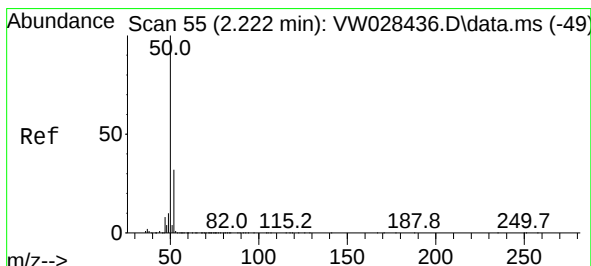
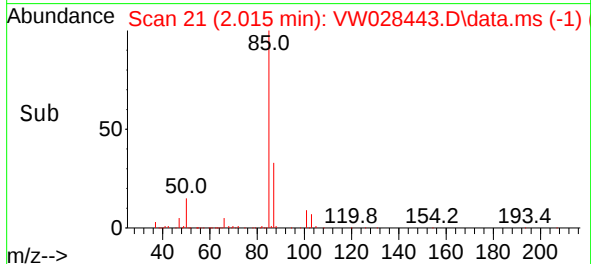
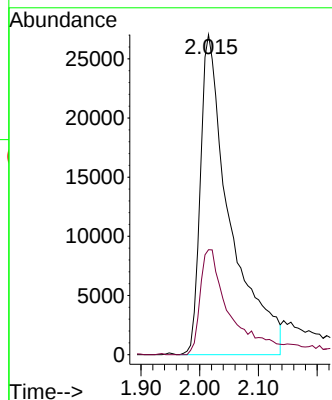
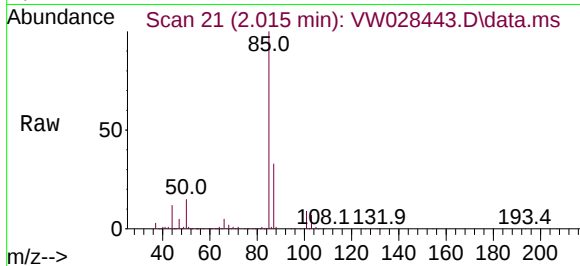




#2
Dichlorodifluoromethane
Concen: 24.051 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

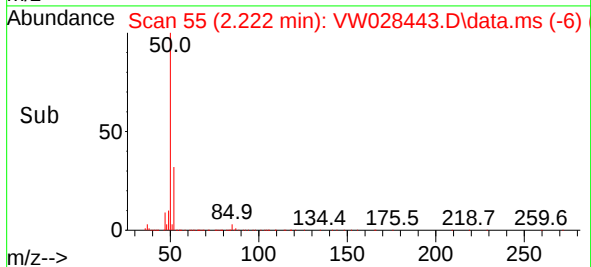
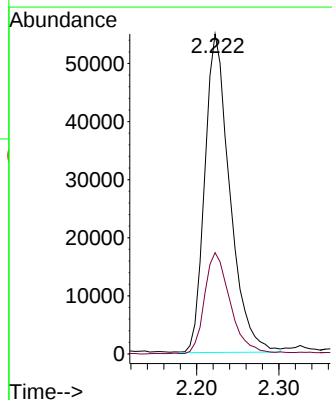
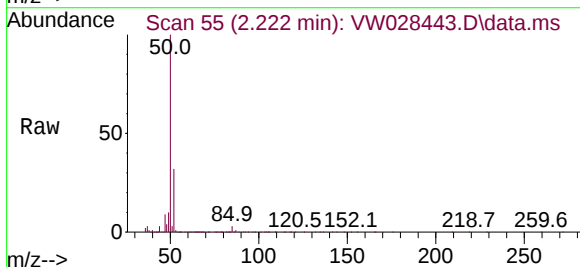
Instrument :
MSVOA_W
ClientSampleId :

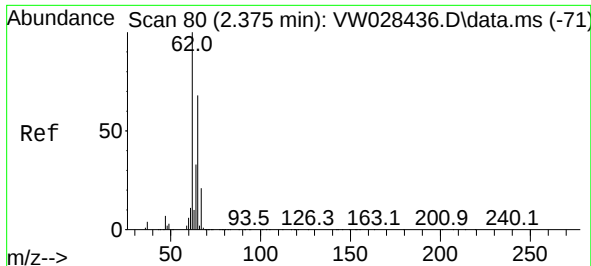
Tgt Ion: 85 Resp: 94679
Ion Ratio Lower Upper
85 100
87 29.6 23.4 35.0



#3
Chloromethane
Concen: 25.157 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

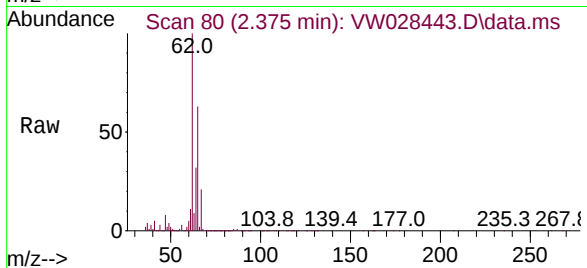
Tgt Ion: 50 Resp: 116269
Ion Ratio Lower Upper
50 100
52 31.6 23.0 42.6



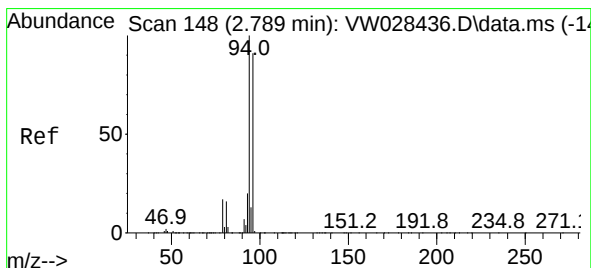
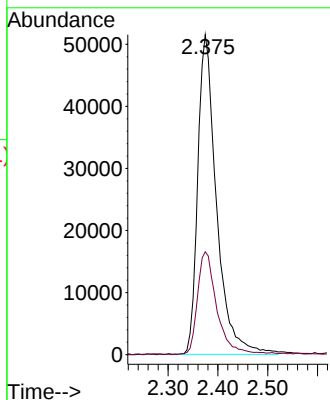
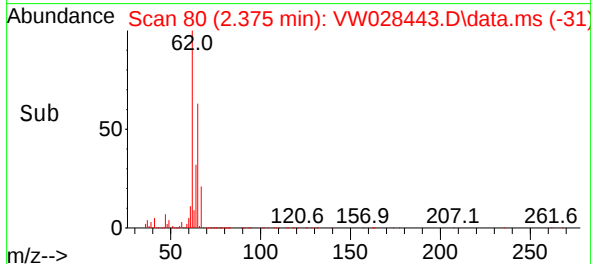


#5
 Vinyl chloride
 Concen: 24.408 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028443.D
 Acq: 16 Apr 2024 10:15

Instrument :
 MSVOA_W
 ClientSampleId :

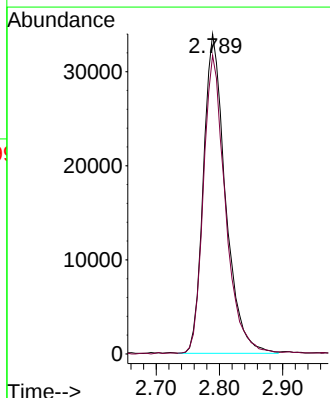
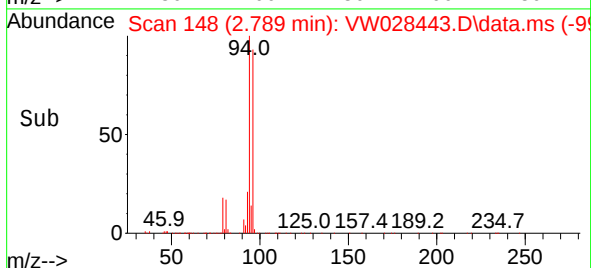
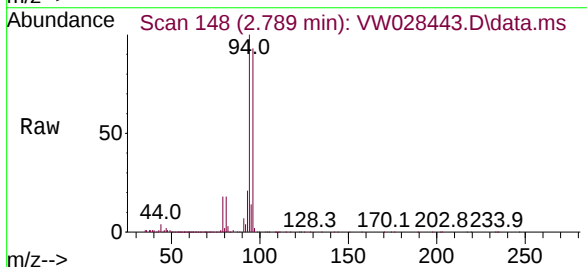


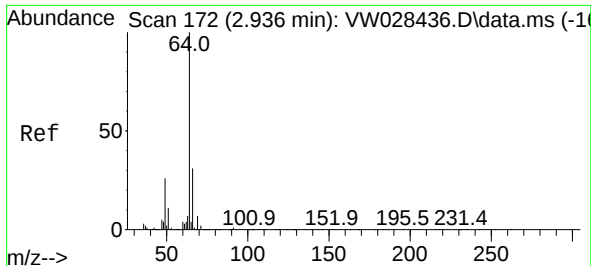
Tgt Ion: 62 Resp: 134342
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 23.859 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028443.D
 Acq: 16 Apr 2024 10:15

Tgt Ion: 94 Resp: 82048
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.3 119.5

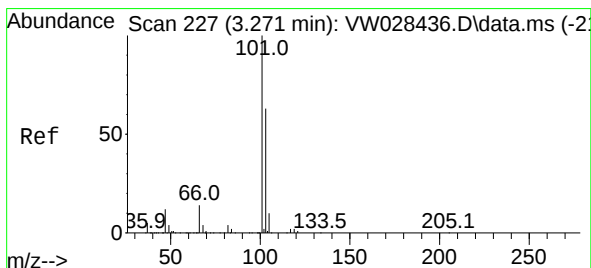
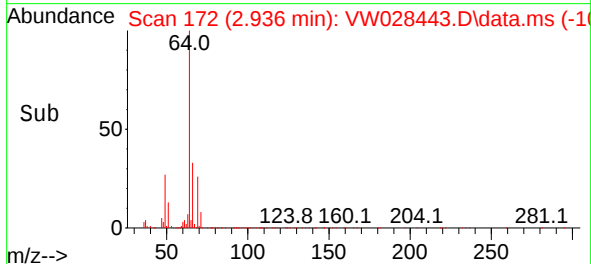
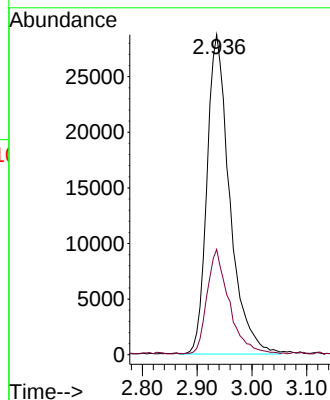
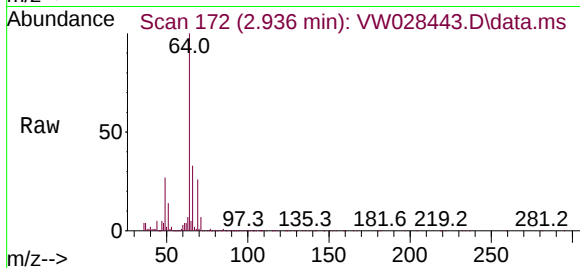




#8
Chloroethane
Concen: 24.862 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

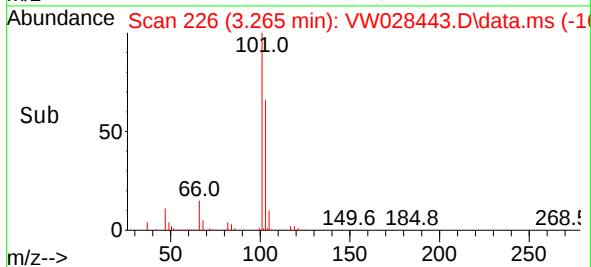
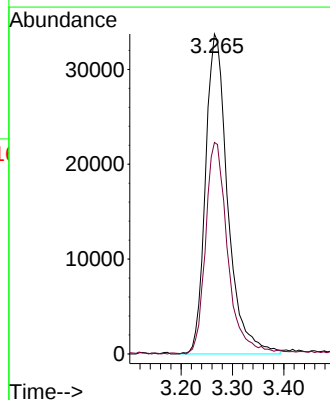
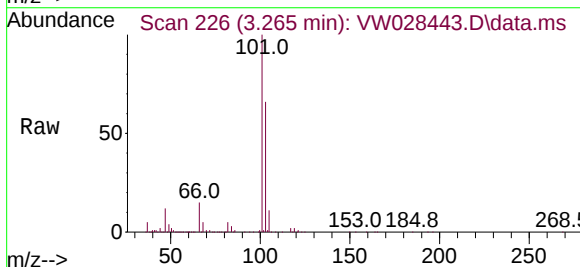
Instrument :
MSVOA_W
ClientSampleId :

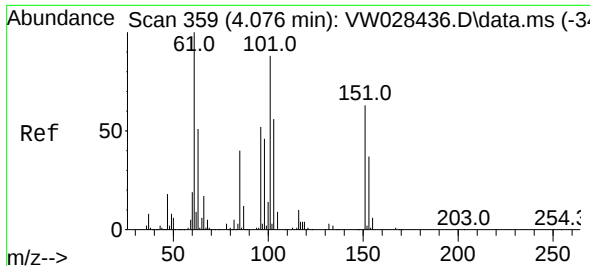
Tgt Ion: 64 Resp: 82492
Ion Ratio Lower Upper
64 100
66 32.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.123 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

Tgt Ion:101 Resp: 101529
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0





#10

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

Concen: 24.986 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.006 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

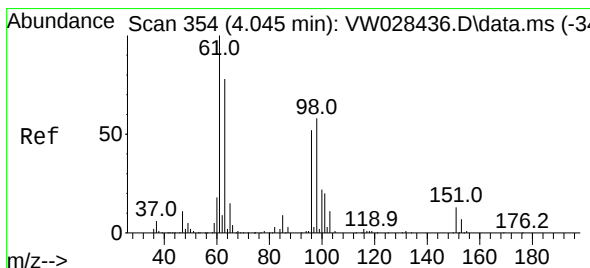
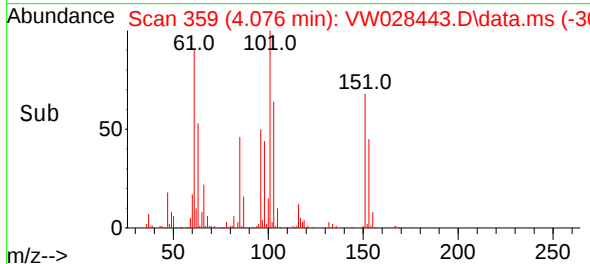
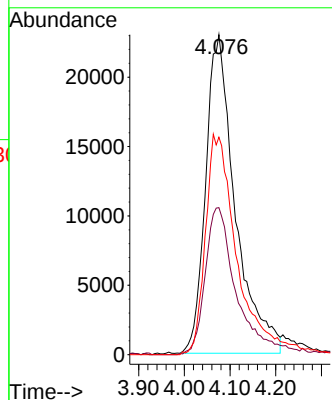
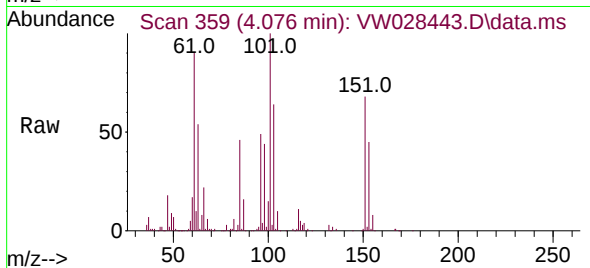
Tgt Ion:101 Resp: 103217

Ion Ratio Lower Upper

101 100

85 47.8 34.5 51.7

151 26.7 57.5 86.3#



#12

1,1-Dichloroethene

Concen: 24.940 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028443.D

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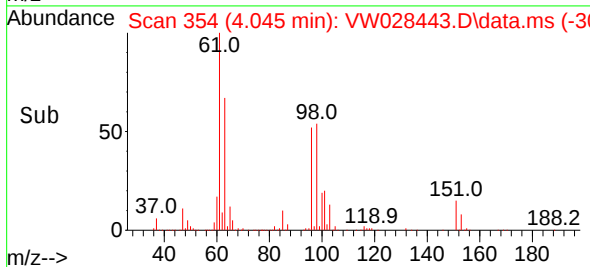
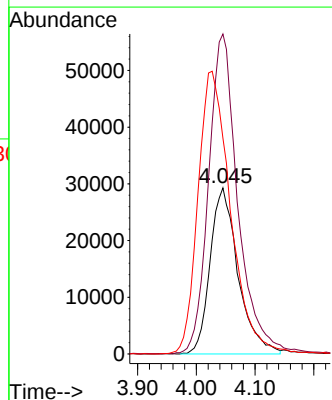
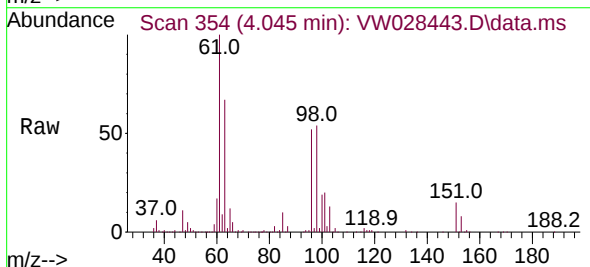
Tgt Ion: 96 Resp: 96737

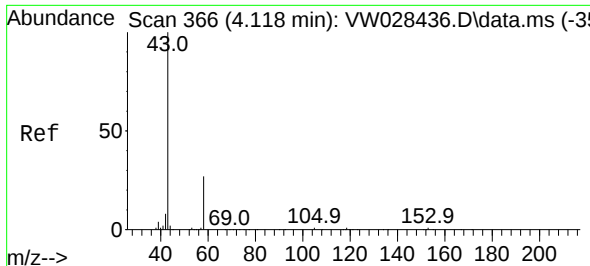
Ion Ratio Lower Upper

96 100

61 192.7 130.5 242.5

63 130.0 101.5 188.5

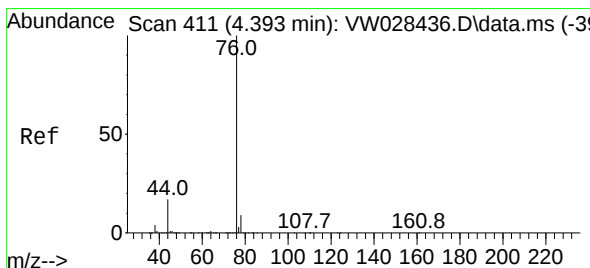
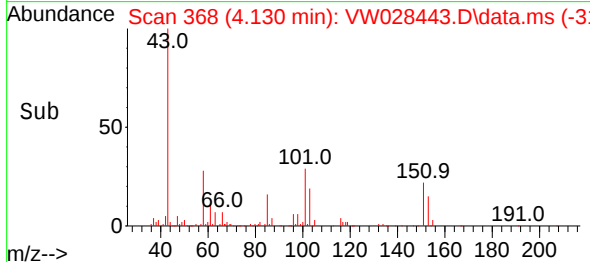
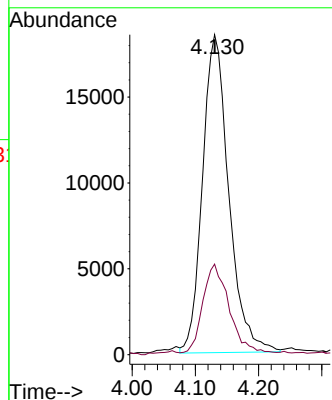
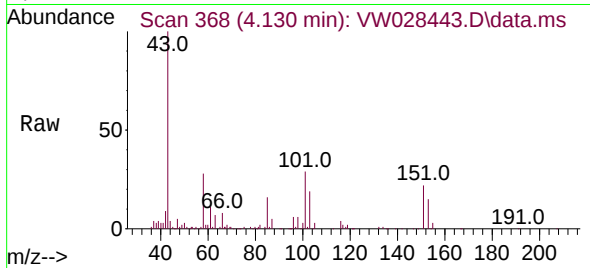




#13
Acetone
Concen: 49.635 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028443.D
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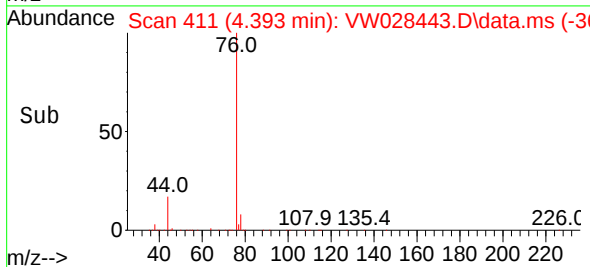
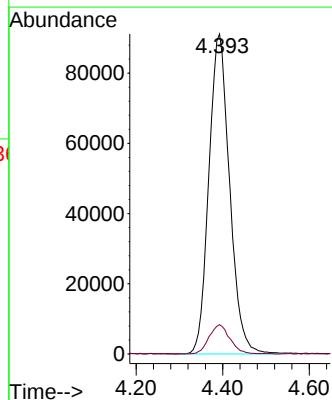
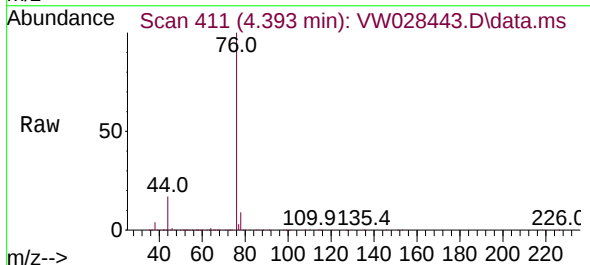
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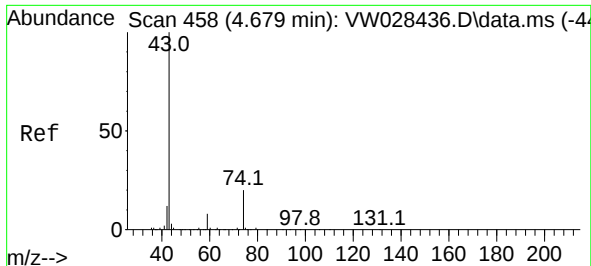
Tgt Ion: 43 Resp: 53511
Ion Ratio Lower Upper
43 100
58 28.3 0.0 53.4



#14
Carbon disulfide
Concen: 23.777 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

Tgt Ion: 76 Resp: 303631
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 26.012 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

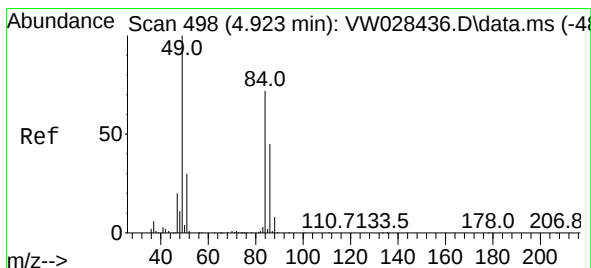
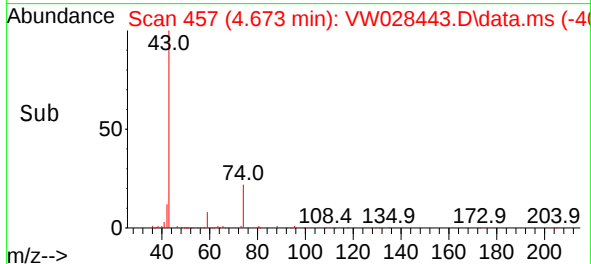
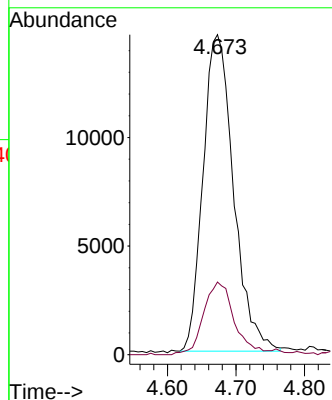
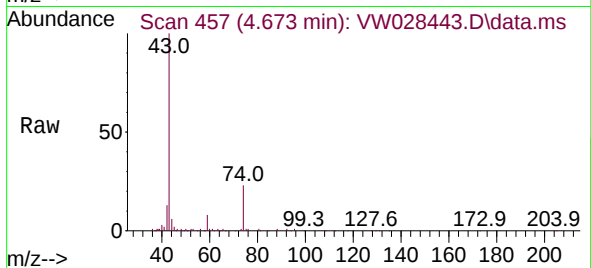
ClientSampleId :

Tgt Ion: 43 Resp: 45122

Ion Ratio Lower Upper

43 100

74 22.8 17.4 26.0



#16

Methylene chloride

Concen: 22.982 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

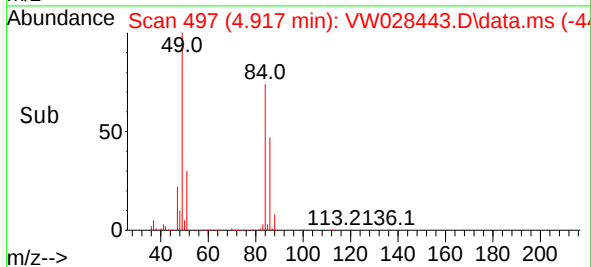
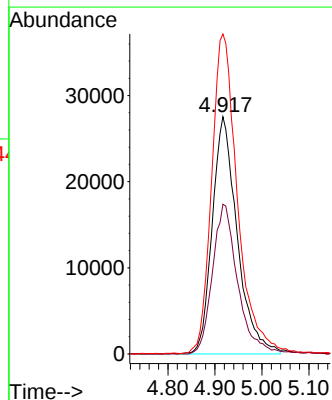
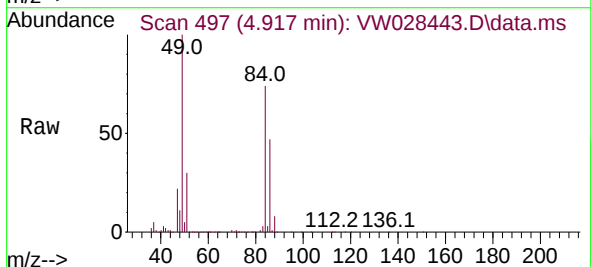
Tgt Ion: 84 Resp: 101784

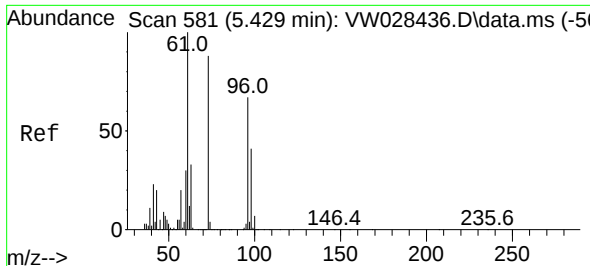
Ion Ratio Lower Upper

84 100

86 63.1 44.2 82.0

49 134.8 95.0 176.4

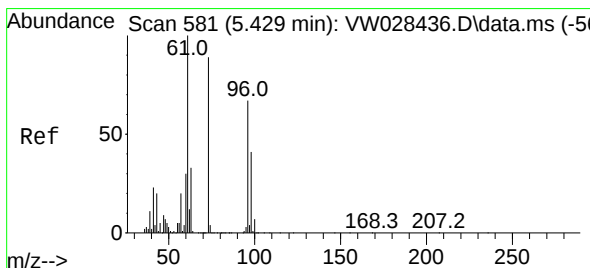
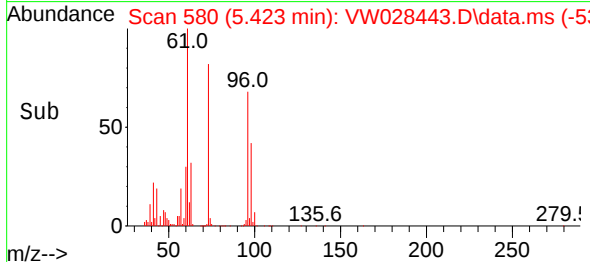
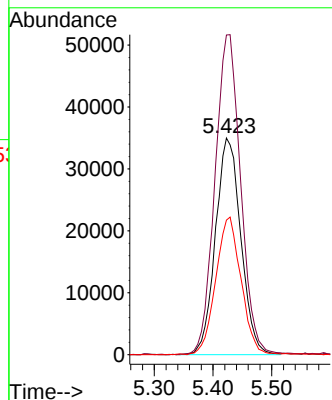
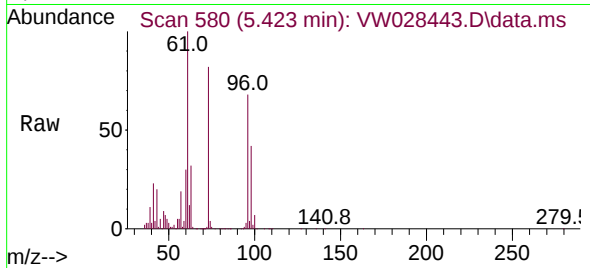




#17
trans-1,2-Dichloroethene
Concen: 25.740 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

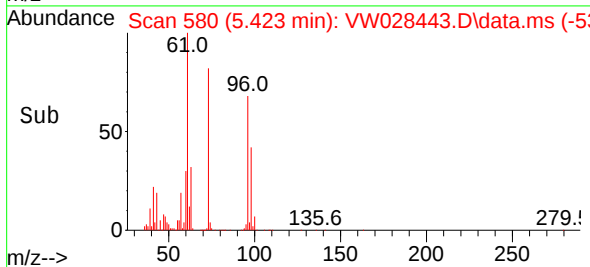
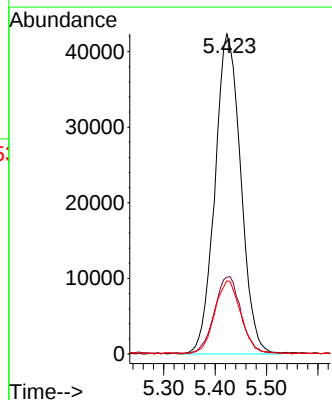
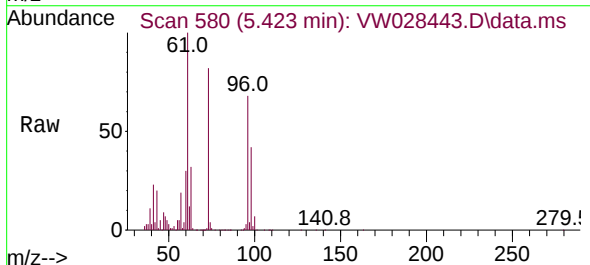
Instrument :
MSVOA_W
ClientSampleId :

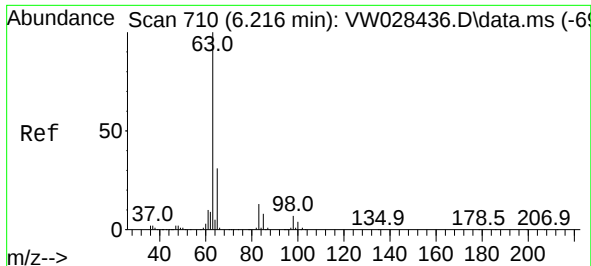
Tgt Ion: 96 Resp: 105169
Ion Ratio Lower Upper
96 100
61 147.5 108.4 201.4
98 62.1 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.737 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

Tgt Ion: 73 Resp: 147919
Ion Ratio Lower Upper
73 100
43 24.4 18.5 27.7
57 23.4 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.881 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

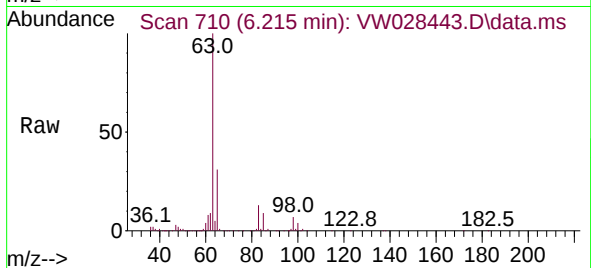
Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



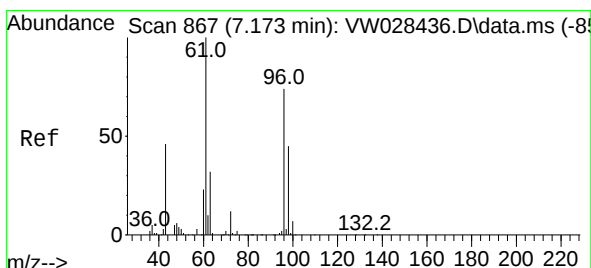
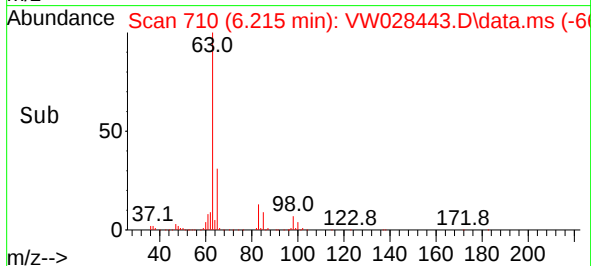
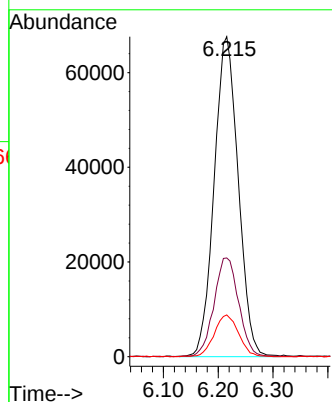
Tgt Ion: 63 Resp: 206028

Ion Ratio Lower Upper

63 100

65 30.9 21.8 40.4

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.933 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

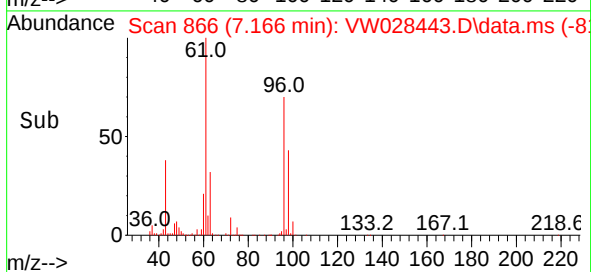
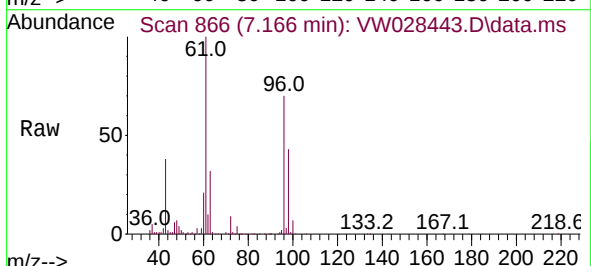
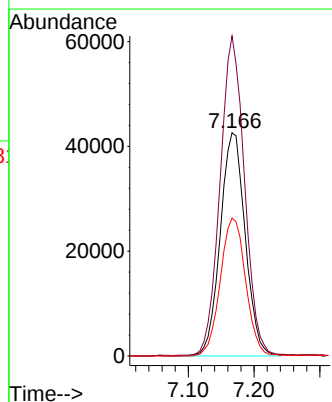
Tgt Ion: 96 Resp: 112457

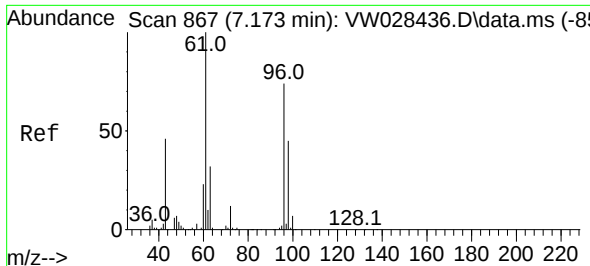
Ion Ratio Lower Upper

96 100

61 143.3 97.6 181.2

98 61.8 47.7 88.5

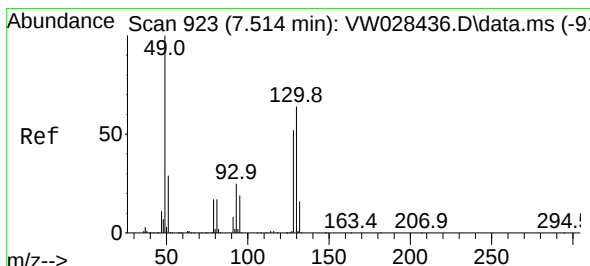
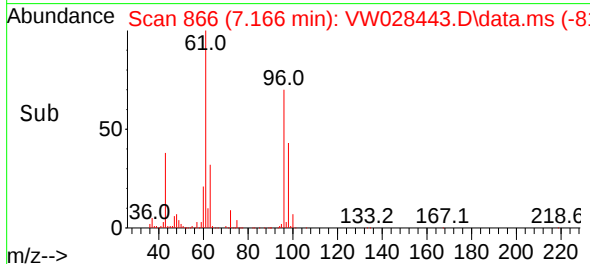
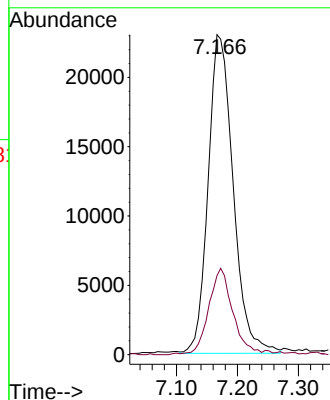
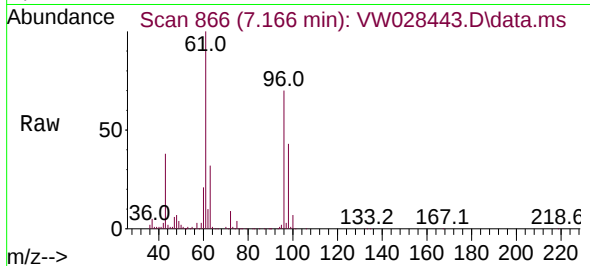




#22
2-Butanone
Concen: 50.203 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

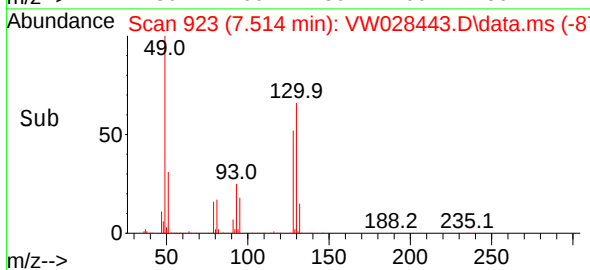
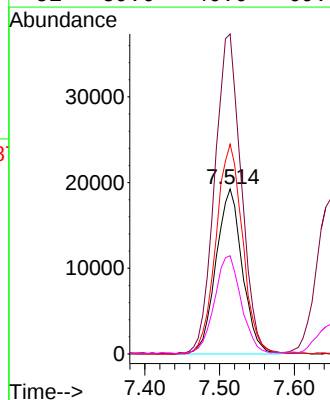
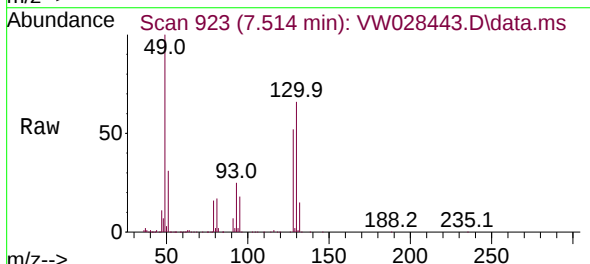
Instrument :
MSVOA_W
ClientSampleId :

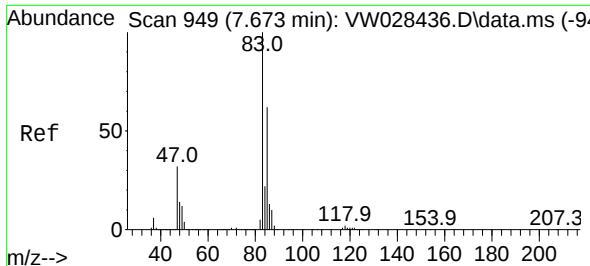
Tgt Ion: 43 Resp: 65684
Ion Ratio Lower Upper
43 100
72 25.6 12.8 38.4



#23
Bromochloromethane
Concen: 25.242 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

Tgt Ion: 128 Resp: 47147
Ion Ratio Lower Upper
128 100
49 193.9 127.1 236.0
130 127.1 78.3 145.5
51 59.6 46.0 69.0





#25

Chloroform

Concen: 25.900 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.000 min

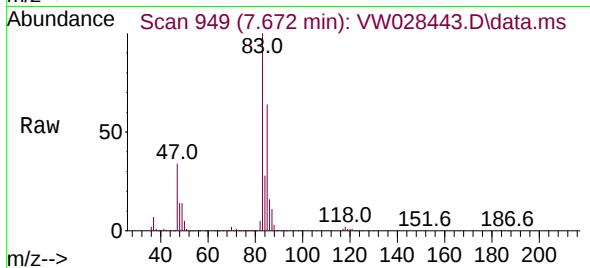
Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

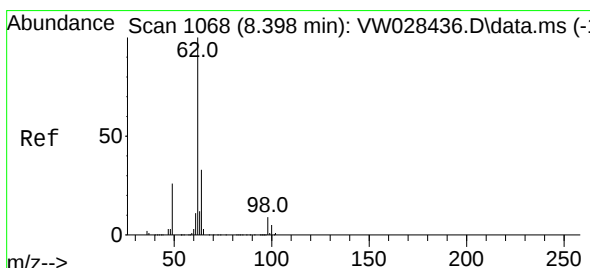
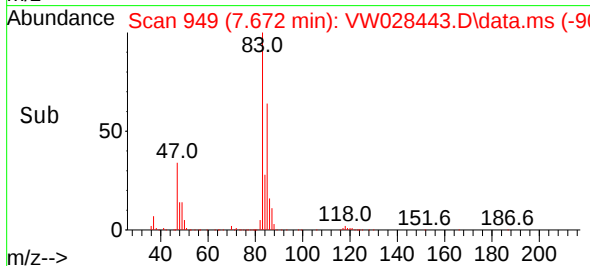
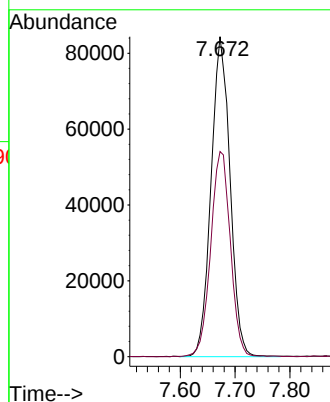


Tgt Ion: 83 Resp: 202536

Ion Ratio Lower Upper

83 100

85 64.1 47.7 88.7



#27

1,2-Dichloroethane

Concen: 26.443 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028443.D

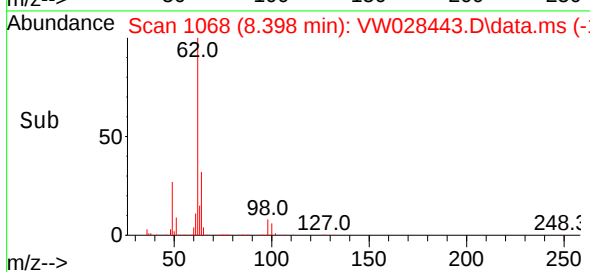
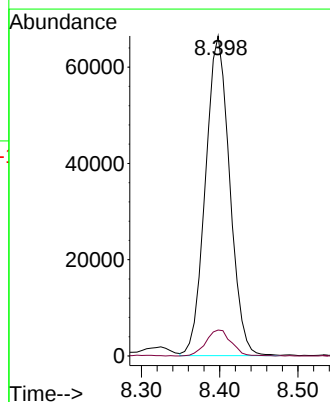
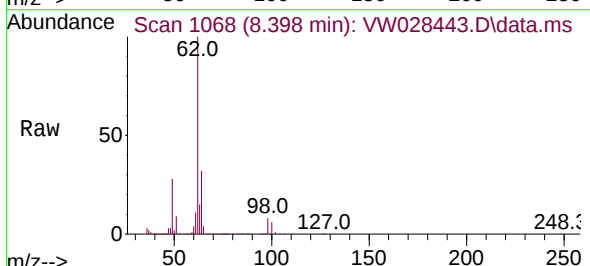
Acq: 16 Apr 2024 10:15

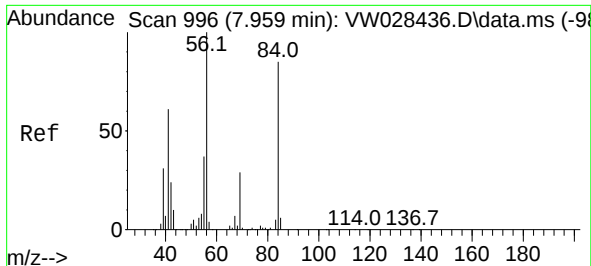
Tgt Ion: 62 Resp: 142722

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 25.939 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

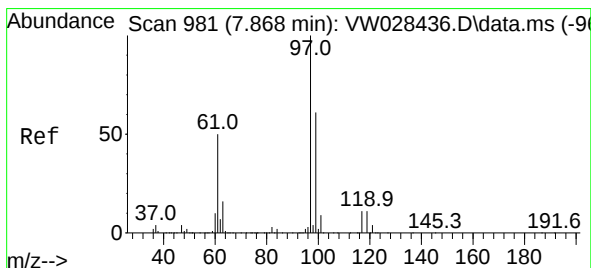
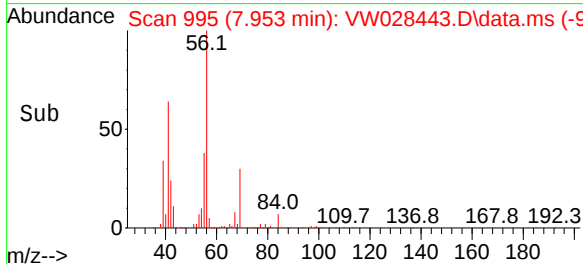
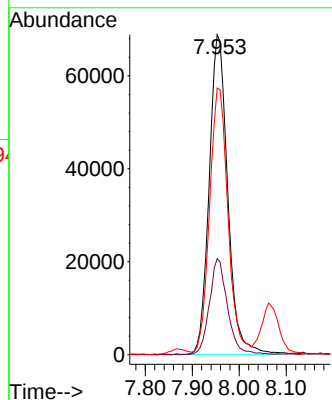
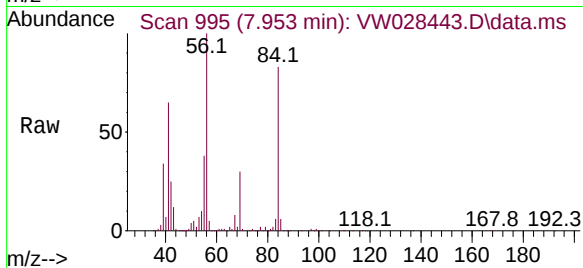
Tgt Ion: 56 Resp: 188013

Ion Ratio Lower Upper

56 100

69 29.1 23.8 35.6

84 82.5 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 24.930 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

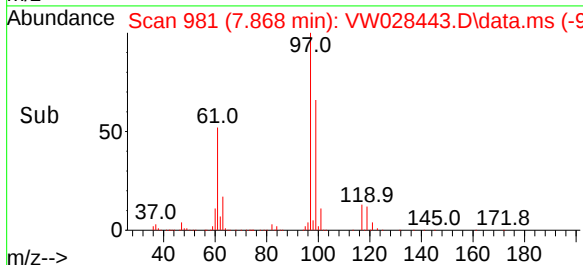
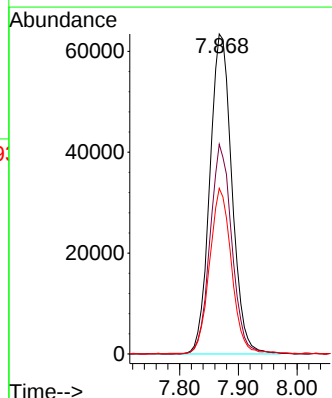
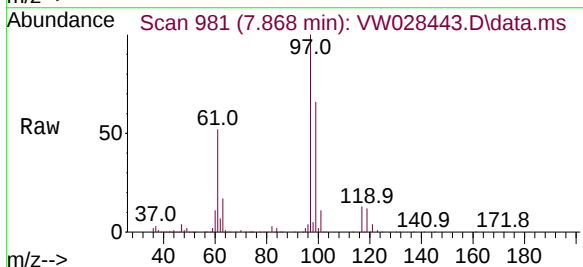
Tgt Ion: 97 Resp: 165911

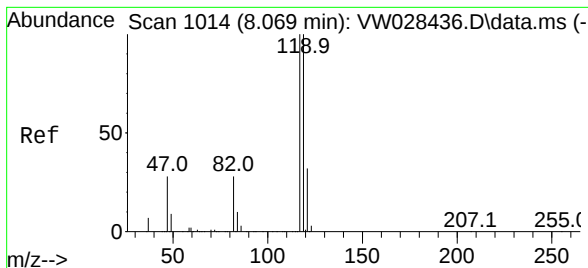
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

61 50.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 25.450 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

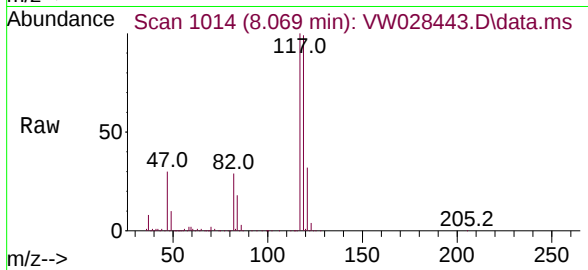
Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

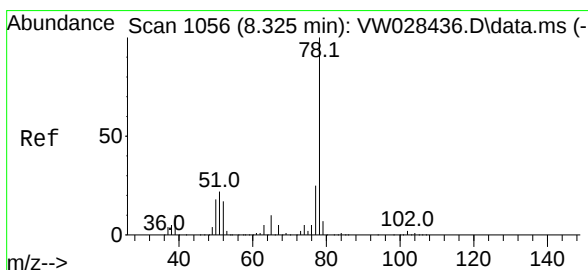
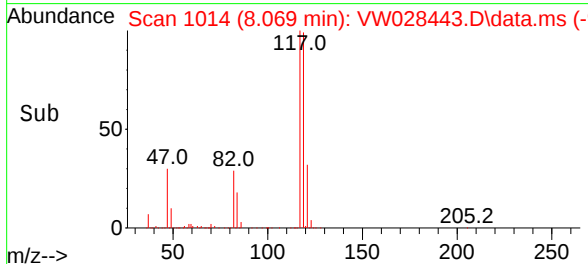
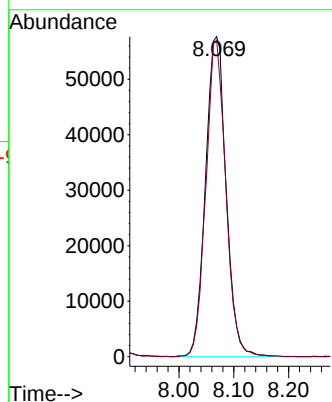


Tgt Ion:117 Resp: 150195

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2



#33

Benzene

Concen: 25.281 ug/L

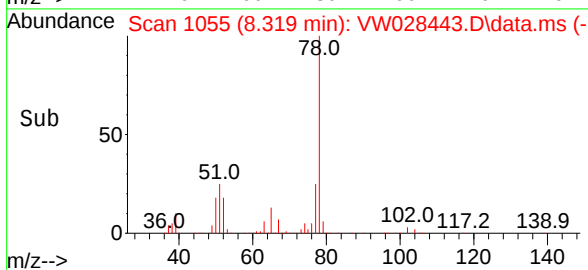
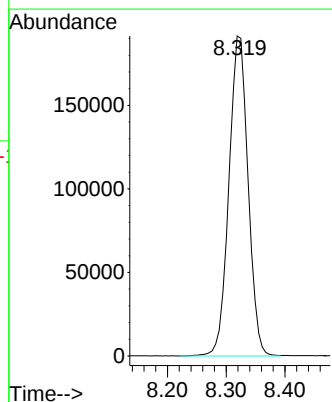
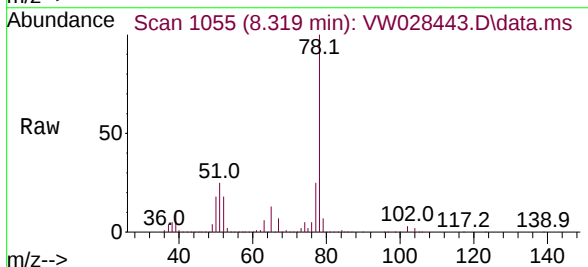
RT: 8.319 min Scan# 1055

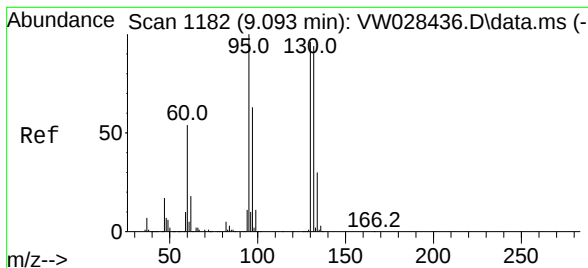
Delta R.T. -0.006 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Tgt Ion: 78 Resp: 433751





#34

Trichloroethene

Concen: 25.128 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

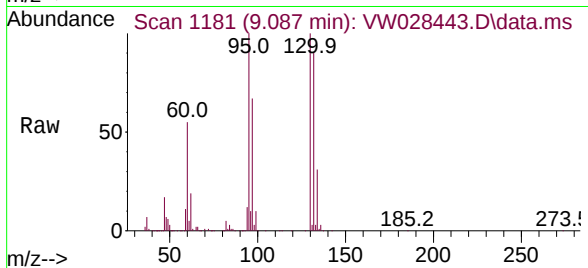
Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 116835

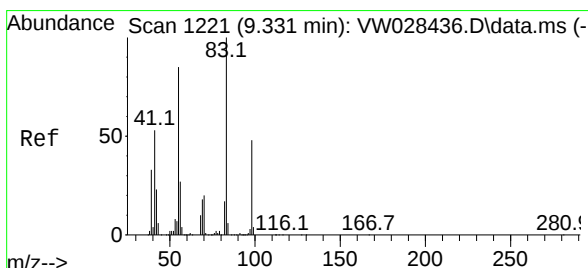
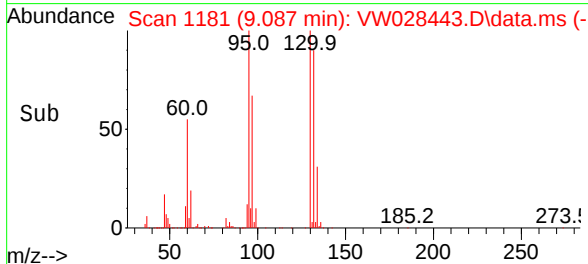
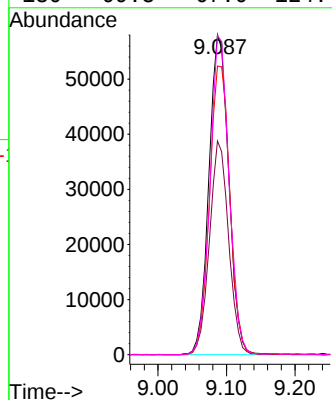
Ion Ratio Lower Upper

95 100

97 66.8 43.8 81.4

132 90.2 66.1 122.8

130 99.8 67.0 124.4



#35

Methylcyclohexane

Concen: 25.654 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

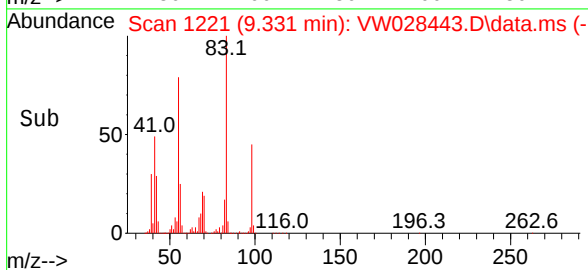
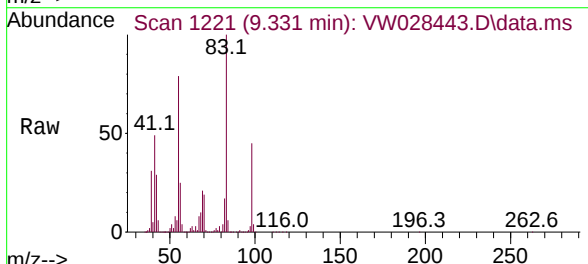
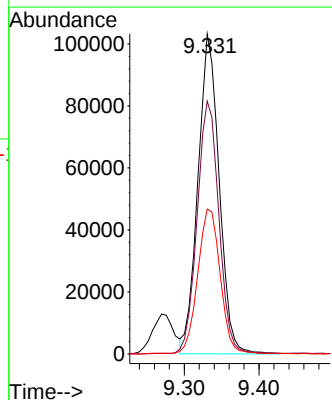
Tgt Ion: 83 Resp: 203545

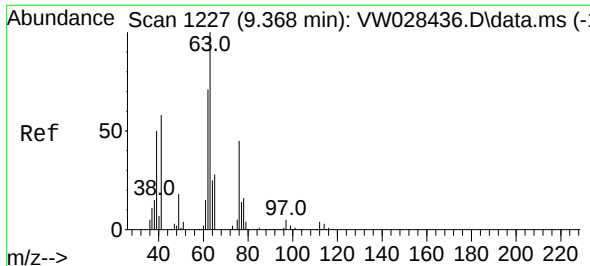
Ion Ratio Lower Upper

83 100

55 81.1 65.7 98.5

98 47.5 38.6 58.0





#37

1,2-Dichloropropane

Concen: 24.987 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

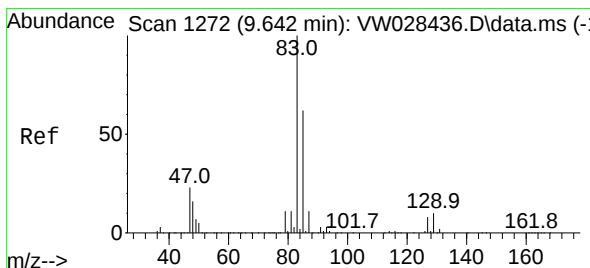
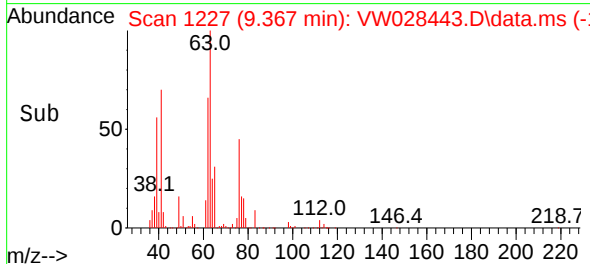
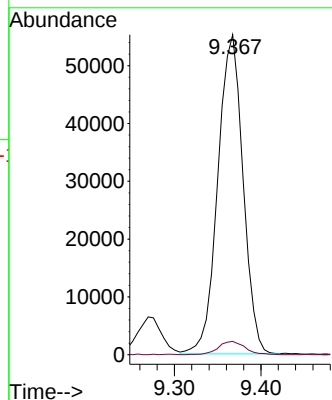
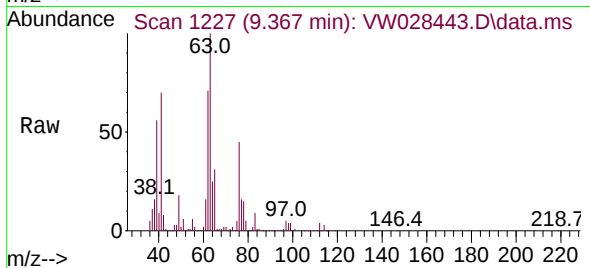
ClientSampleId :

Tgt Ion: 63 Resp: 111734

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 25.925 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

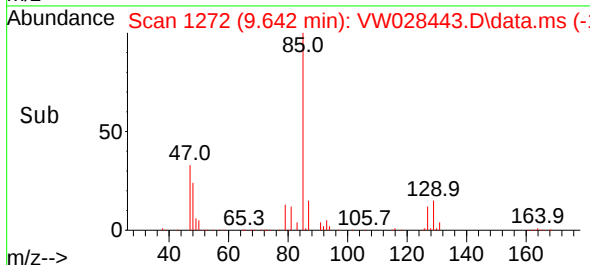
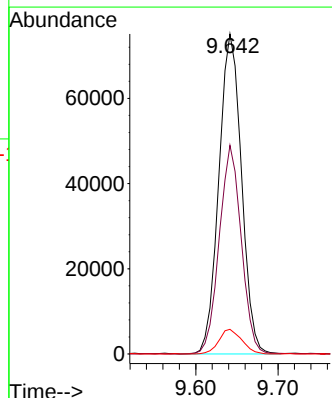
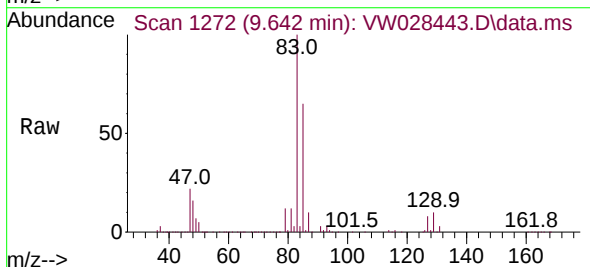
Tgt Ion: 83 Resp: 143695

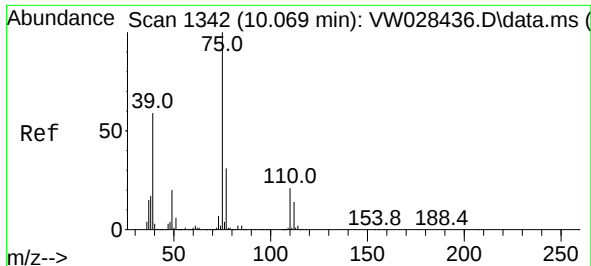
Ion Ratio Lower Upper

83 100

85 65.2 43.1 80.1

127 7.7 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.119 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

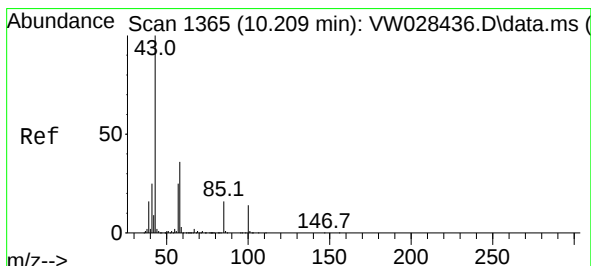
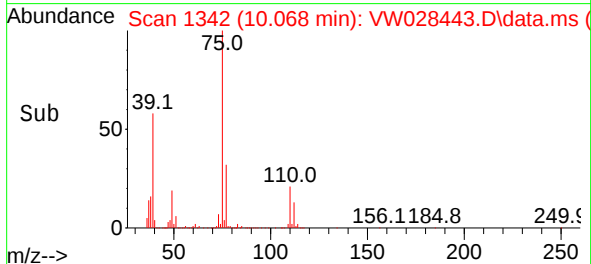
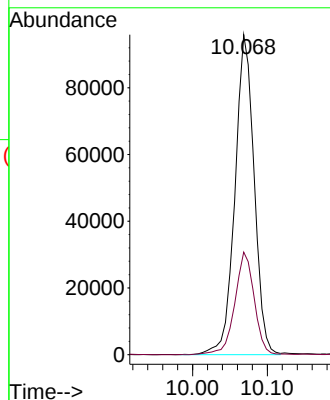
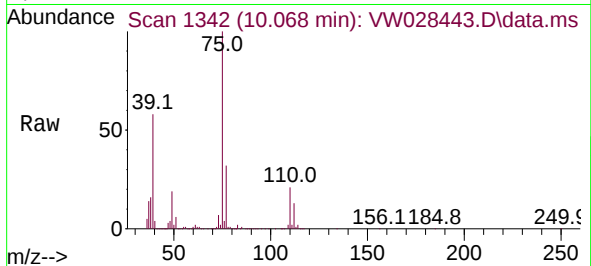
ClientSampleId :

Tgt Ion: 75 Resp: 171274

Ion Ratio Lower Upper

75 100

77 32.1 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 58.586 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

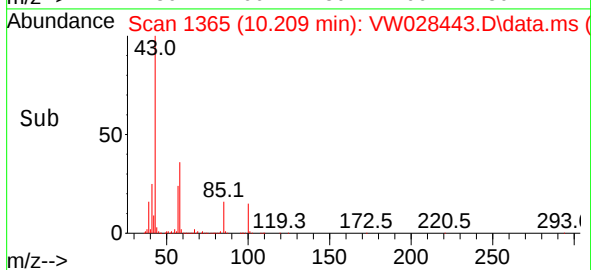
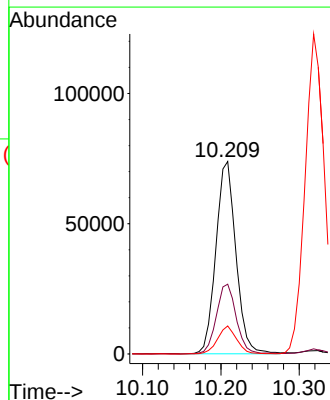
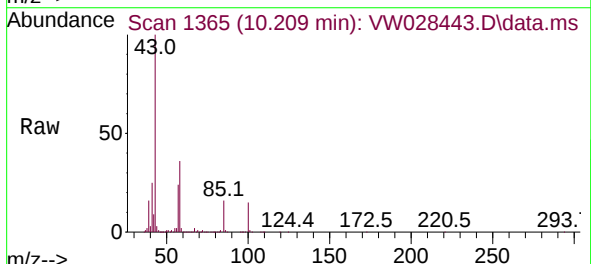
Tgt Ion: 43 Resp: 131146

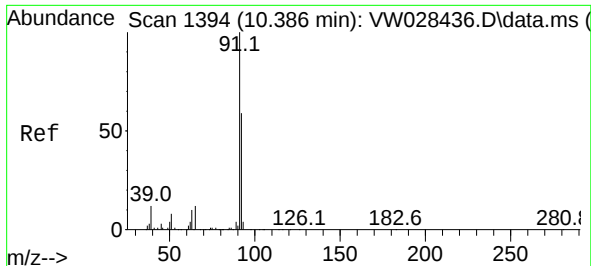
Ion Ratio Lower Upper

43 100

58 36.0 28.6 43.0

100 14.0 10.6 16.0





#42

Toluene

Concen: 25.543 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

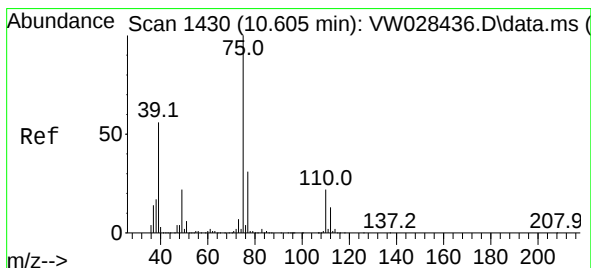
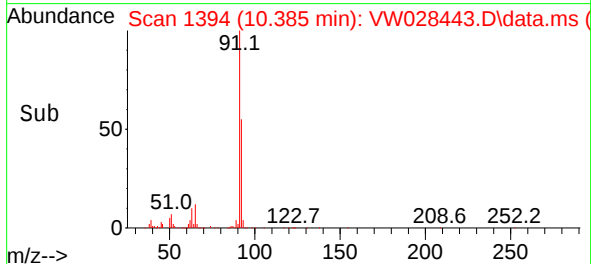
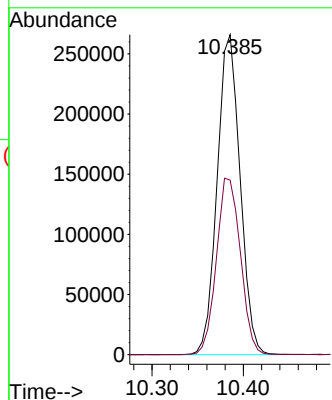
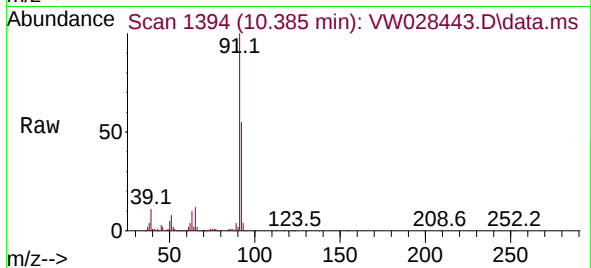
ClientSampleId :

Tgt Ion: 91 Resp: 464278

Ion Ratio Lower Upper

91 100

92 54.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 26.628 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028443.D

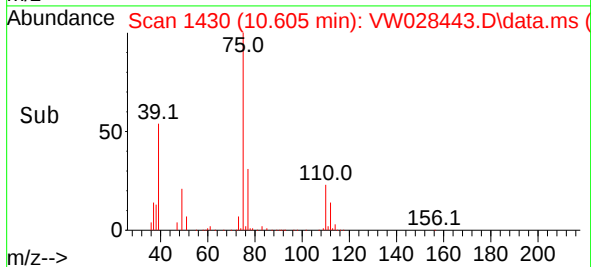
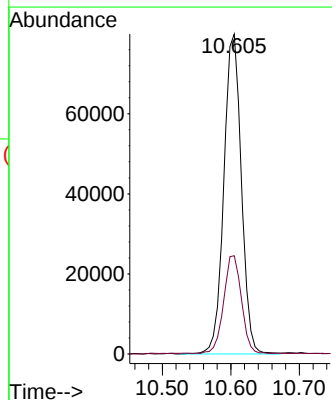
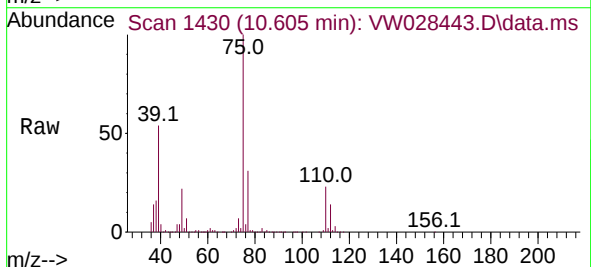
Acq: 16 Apr 2024 10:15

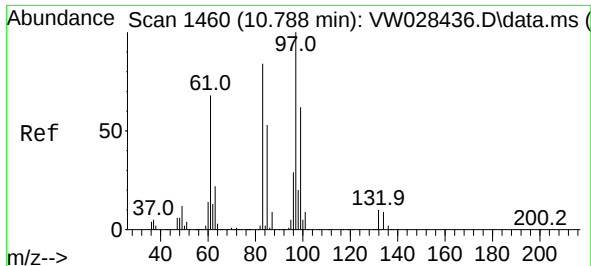
Tgt Ion: 75 Resp: 141259

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.190 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79232

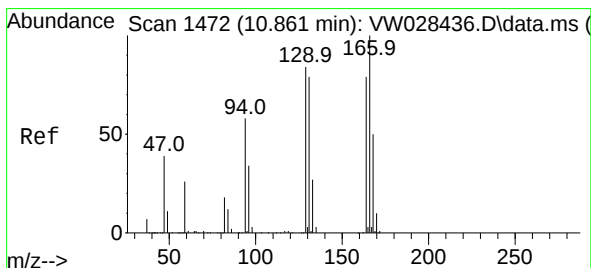
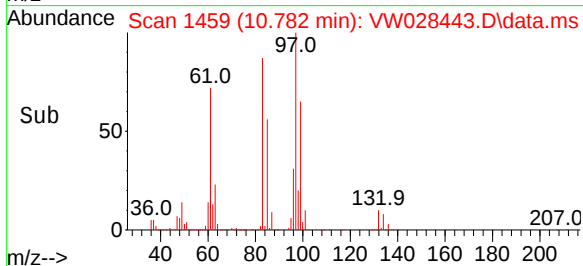
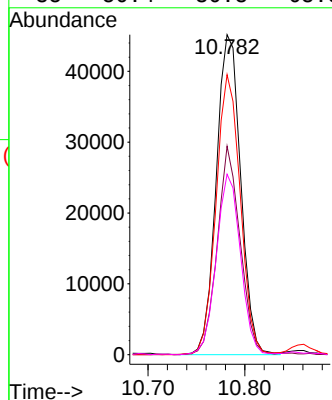
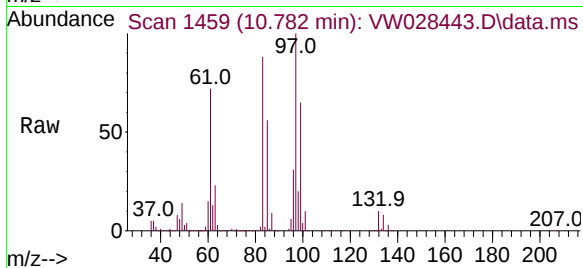
Ion Ratio Lower Upper

97 100

99 65.2 44.2 82.2

83 87.5 56.4 104.7

85 56.4 36.8 68.3



#46

Tetrachloroethene

Concen: 24.234 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Tgt Ion:164 Resp: 84166

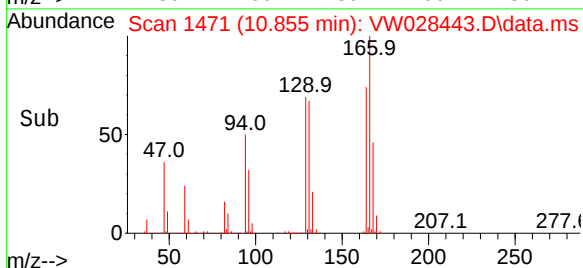
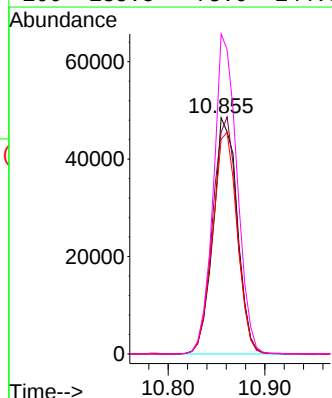
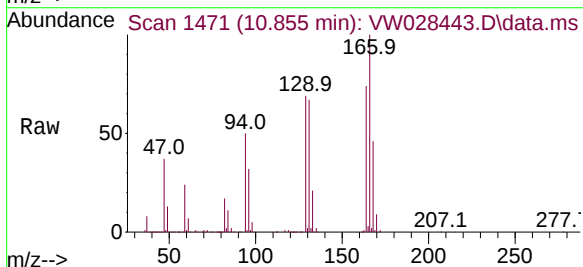
Ion Ratio Lower Upper

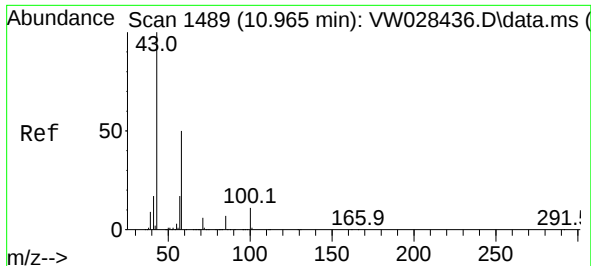
164 100

129 93.9 59.7 110.9

131 90.9 58.2 108.2

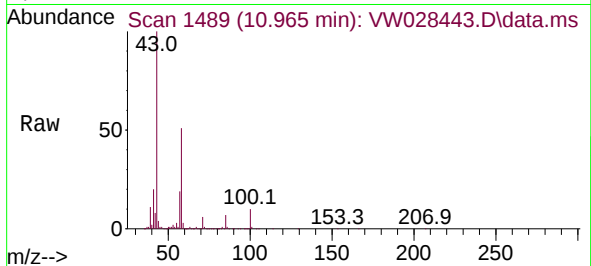
166 135.5 78.0 144.8



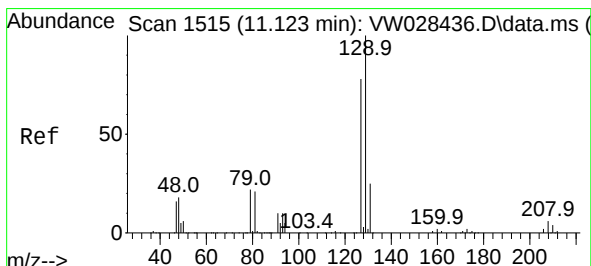
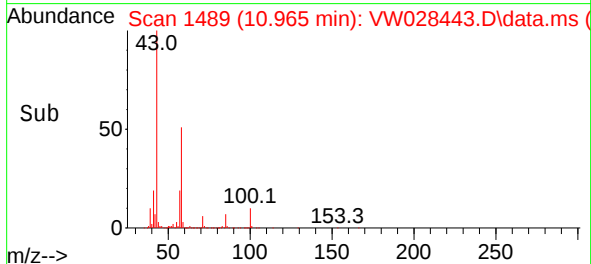
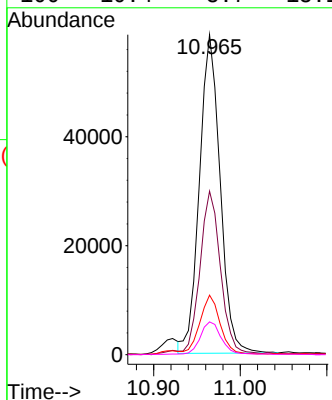


#48
2-Hexanone
Concen: 54.686 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

Instrument :
MSVOA_W
ClientSampleId :

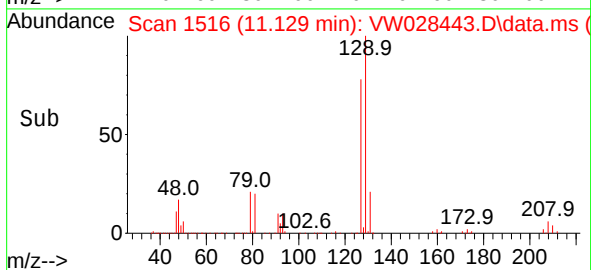
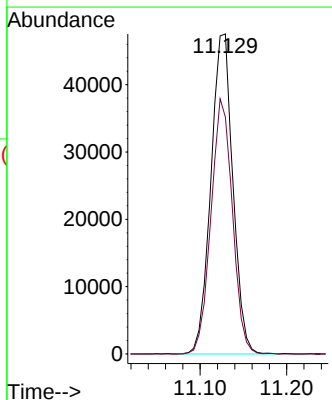
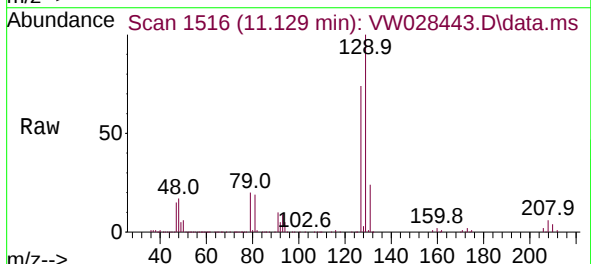


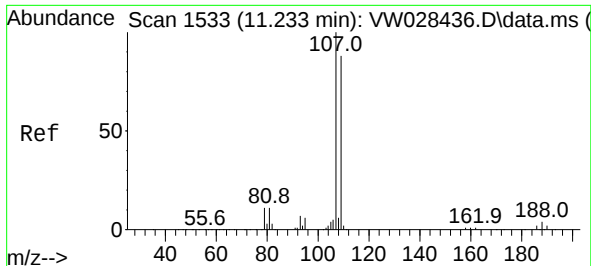
Tgt Ion: 43	Resp: 97169
Ion Ratio	Lower Upper
43 100	
58 50.7	38.9 58.3
57 18.5	14.4 21.6
100 10.4	8.7 13.1



#49
Dibromochloromethane
Concen: 25.944 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW028443.D
Acq: 16 Apr 2024 10:15

Tgt Ion:129	Resp: 83892		
Ion Ratio	Lower	Upper	
129 100			
127 74.0	53.0	98.4	





#50

1,2-Dibromoethane

Concen: 26.679 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028443.D

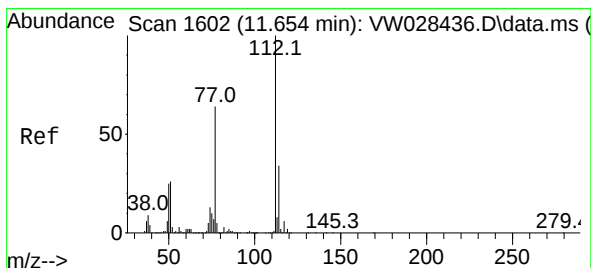
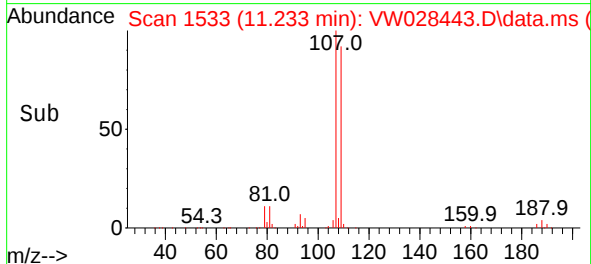
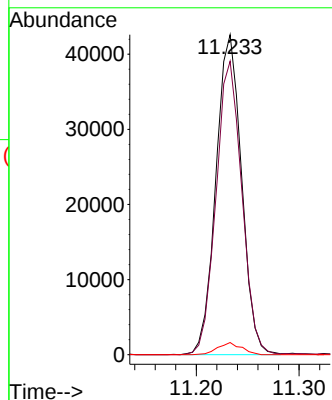
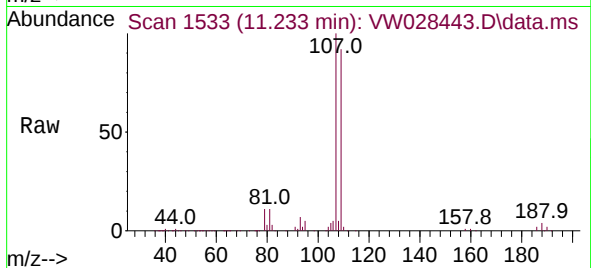
Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	73666
Ion Ratio	Lower	Upper
107	100	
109	91.7	62.1 115.3
188	3.8	3.2 4.8



#51

Chlorobenzene

Concen: 25.120 ug/L

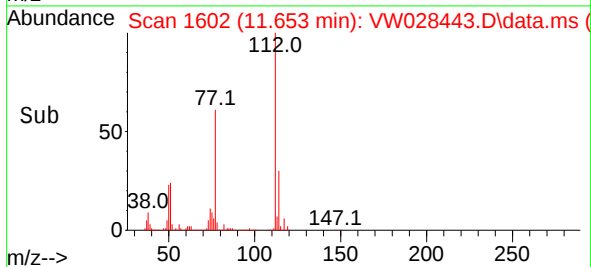
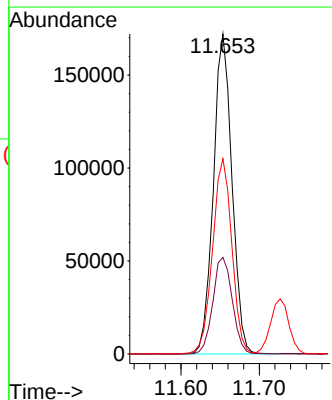
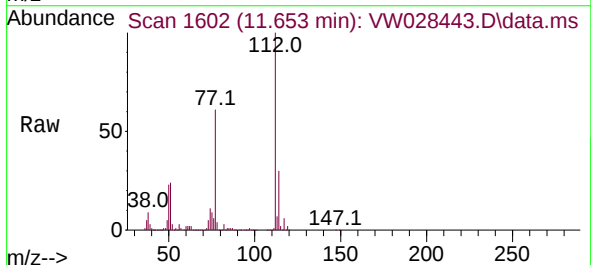
RT: 11.653 min Scan# 1602

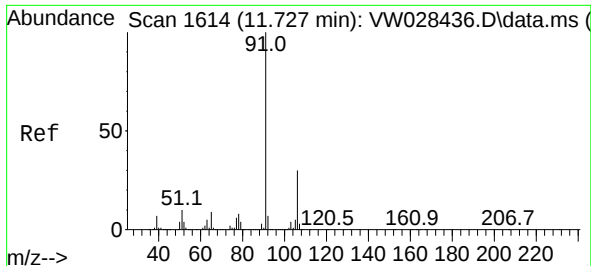
Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Tgt Ion:112	Resp:	283802
Ion Ratio	Lower	Upper
112	100	
114	30.2	22.3 41.3
77	61.0	51.8 77.8





#52

Ethylbenzene

Concen: 25.854 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

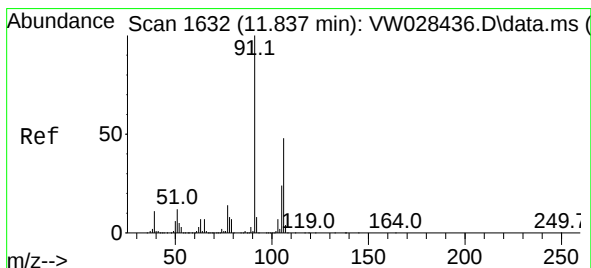
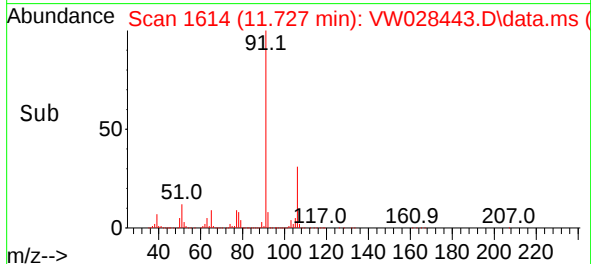
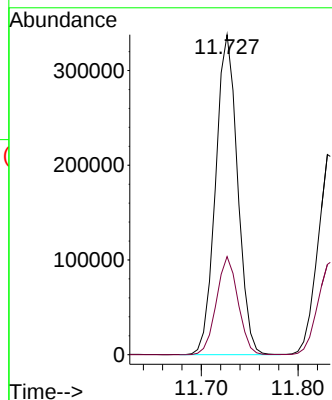
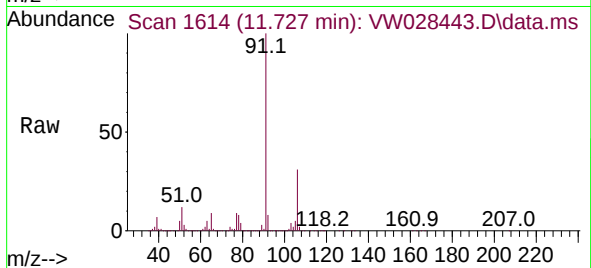
ClientSampleId :

Tgt Ion: 91 Resp: 532691

Ion Ratio Lower Upper

91 100

106 30.7 21.2 39.4



#53

m,p-Xylene

Concen: 25.130 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028443.D

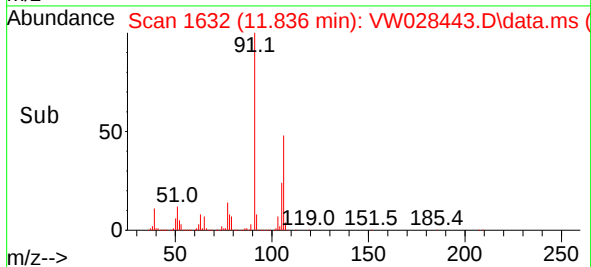
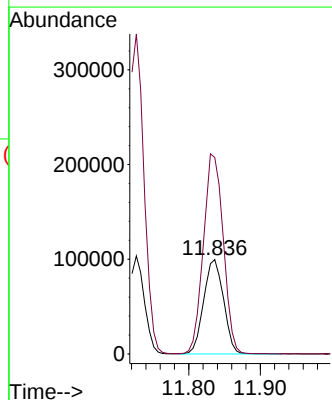
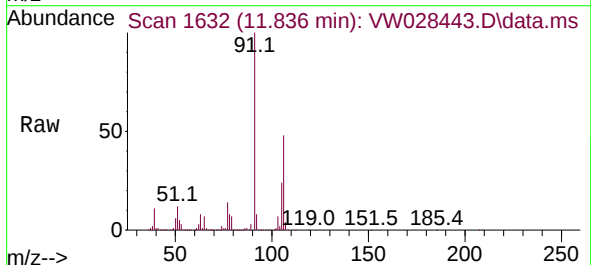
Acq: 16 Apr 2024 10:15

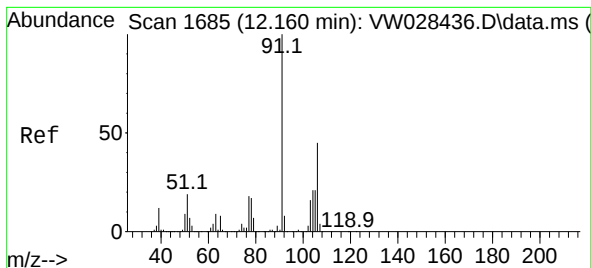
Tgt Ion:106 Resp: 192553

Ion Ratio Lower Upper

106 100

91 208.0 152.4 283.0





#54

o-Xylene

Concen: 25.518 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

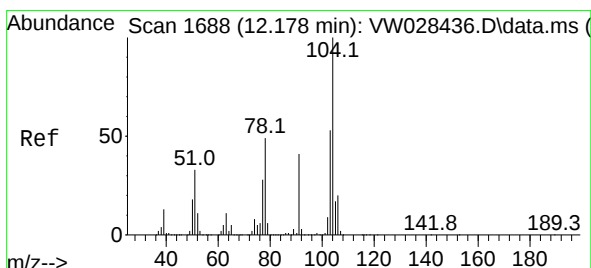
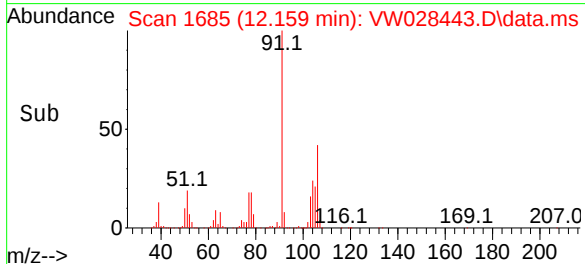
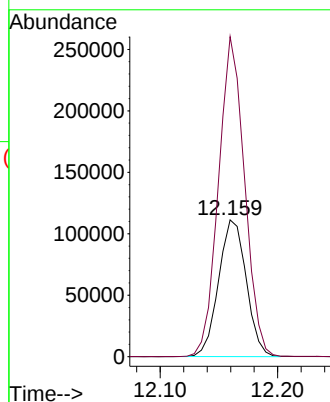
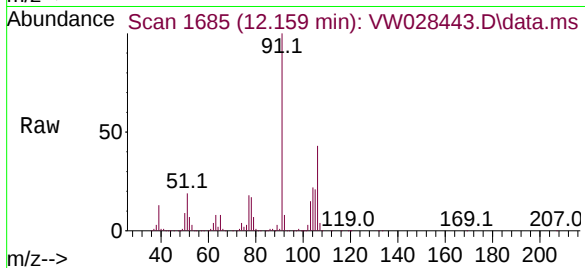
ClientSampleId :

Tgt Ion:106 Resp: 182051

Ion Ratio Lower Upper

106 100

91 234.0 152.9 283.9



#55

Styrene

Concen: 26.331 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028443.D

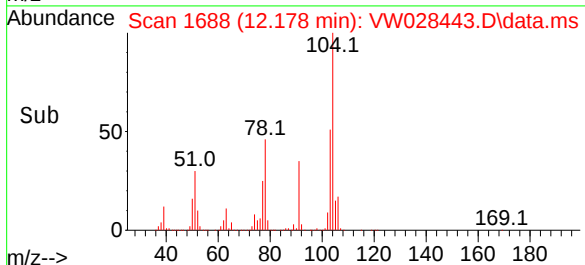
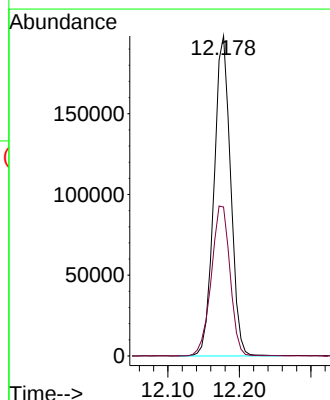
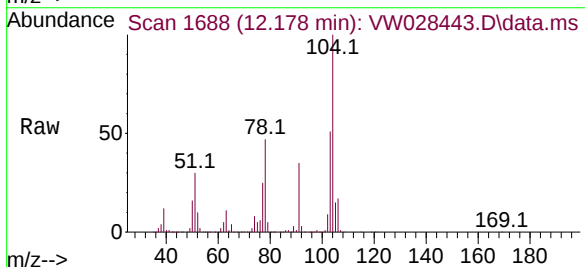
Acq: 16 Apr 2024 10:15

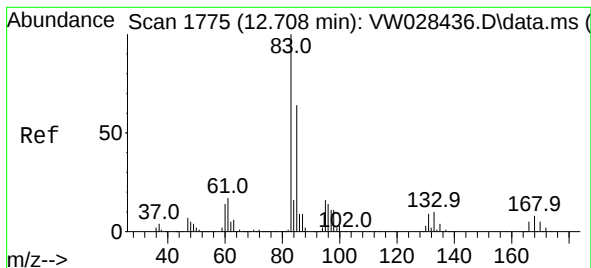
Tgt Ion:104 Resp: 319714

Ion Ratio Lower Upper

104 100

78 46.6 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.189 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

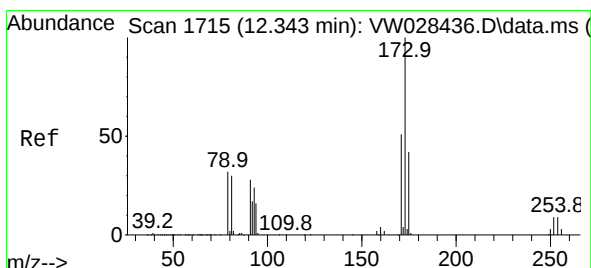
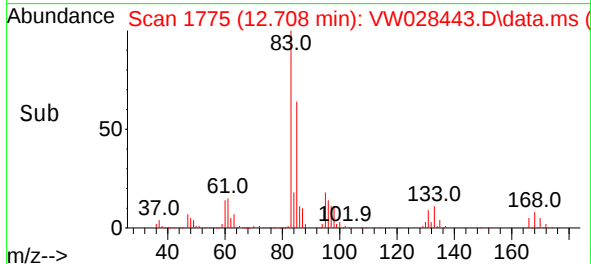
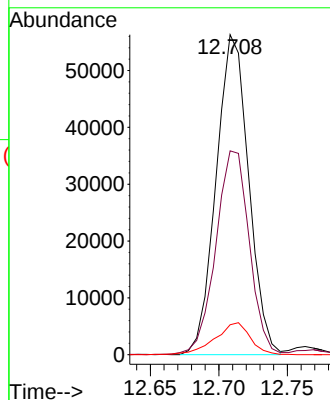
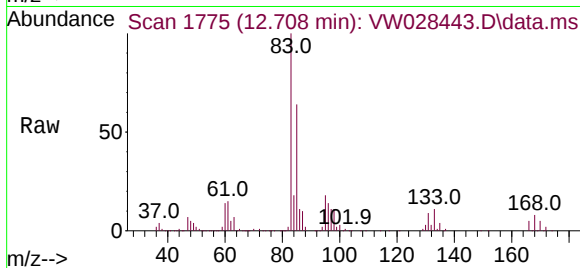
Tgt Ion: 83 Resp: 93087

Ion Ratio Lower Upper

83 100

85 63.7 43.4 80.6

131 9.3 8.0 12.0



#59

Bromoform

Concen: 25.125 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

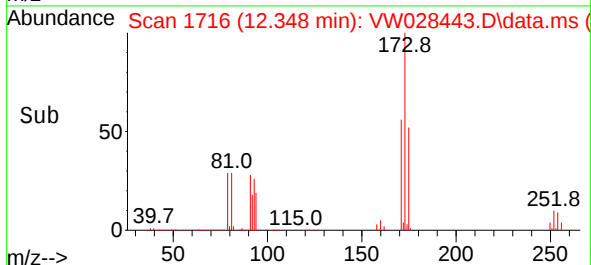
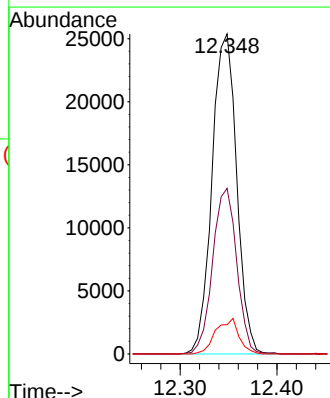
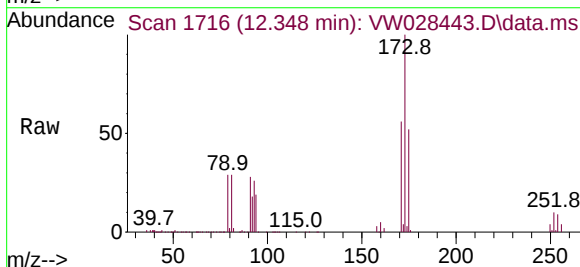
Tgt Ion:173 Resp: 44907

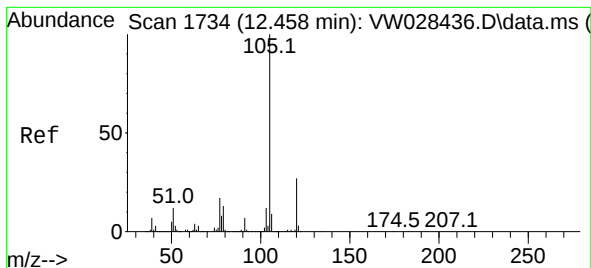
Ion Ratio Lower Upper

173 100

175 50.6 39.2 58.8

254 10.4 8.3 12.5





#60

Isopropylbenzene

Concen: 26.291 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

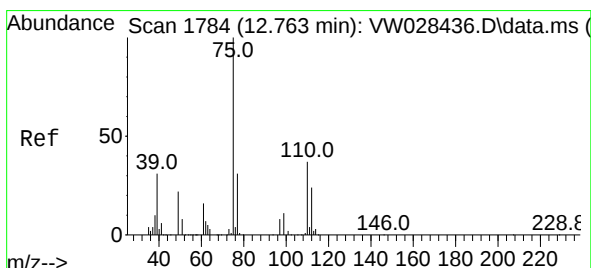
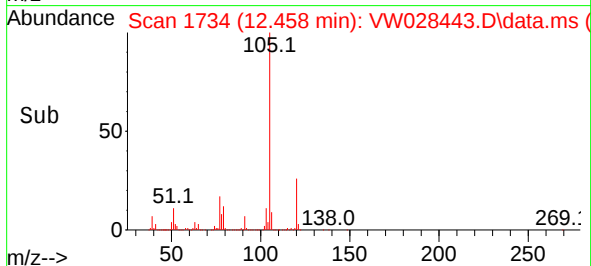
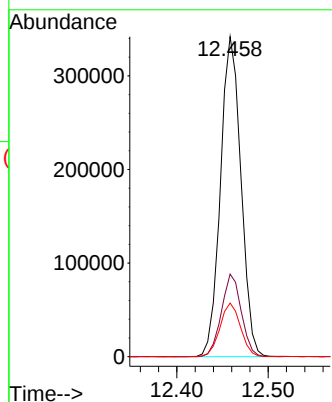
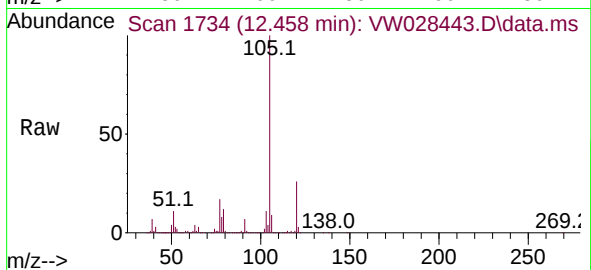
Tgt Ion:105 Resp: 533708

Ion Ratio Lower Upper

105 100

120 25.0 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 27.682 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

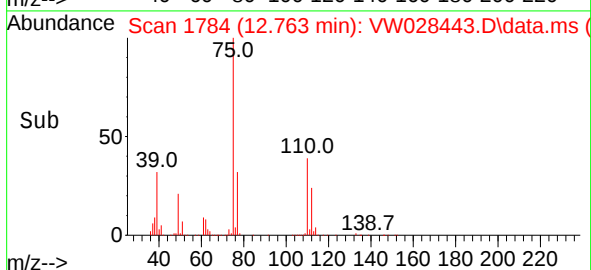
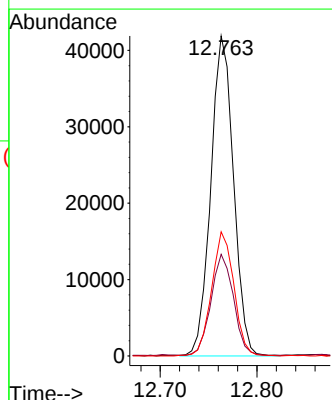
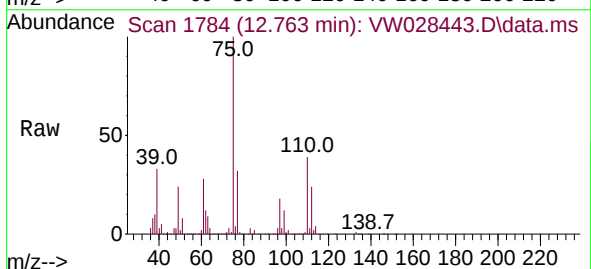
Tgt Ion: 75 Resp: 68528

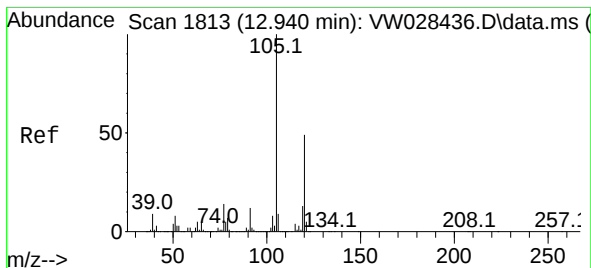
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

110 37.9 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 26.208 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

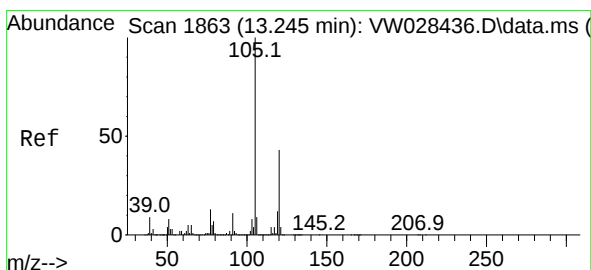
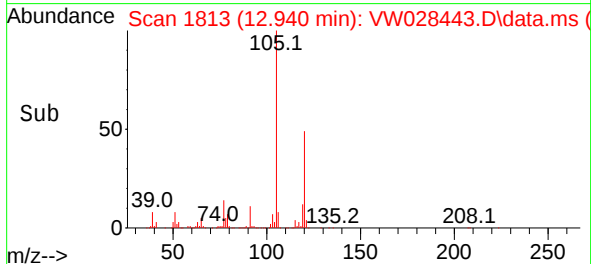
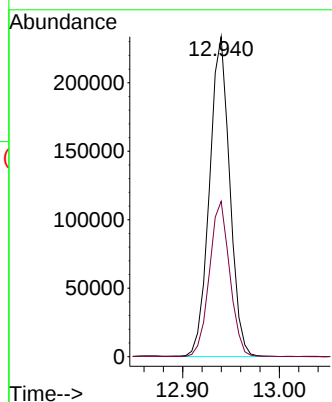
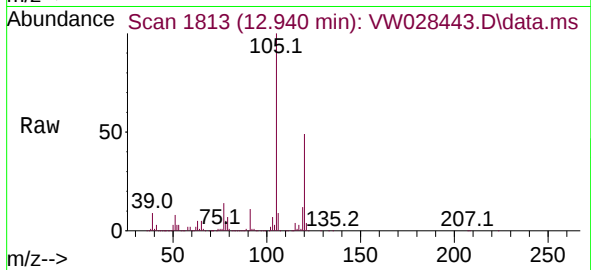
ClientSampleId :

Tgt Ion:105 Resp: 339084

Ion Ratio Lower Upper

105 100

120 48.6 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 27.018 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028443.D

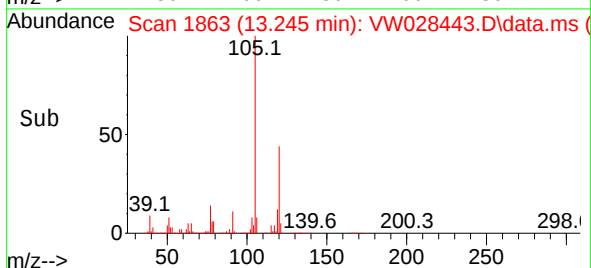
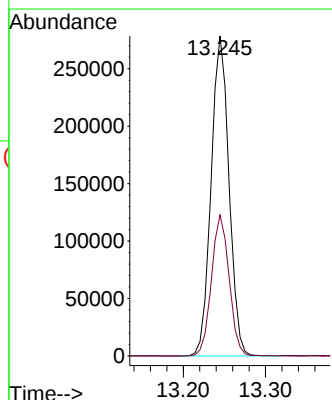
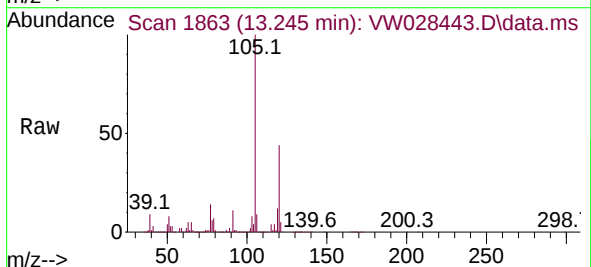
Acq: 16 Apr 2024 10:15

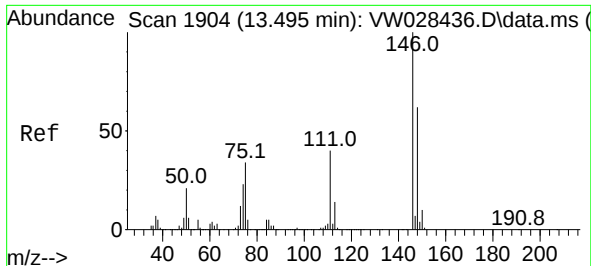
Tgt Ion:105 Resp: 420701

Ion Ratio Lower Upper

105 100

120 43.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.864 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

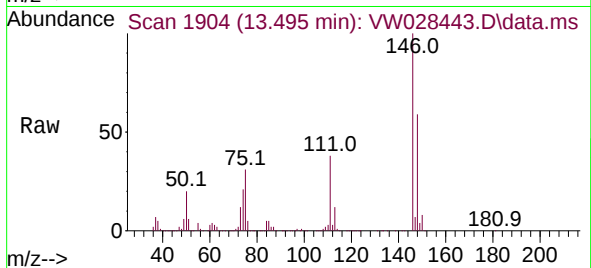
Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



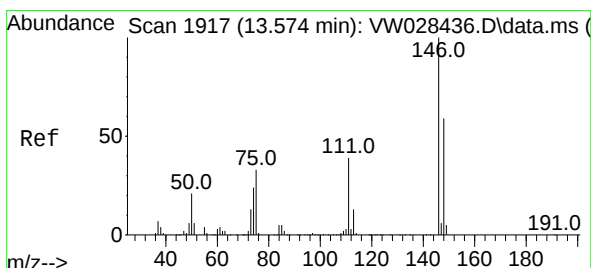
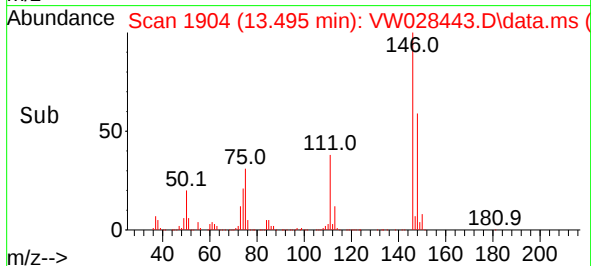
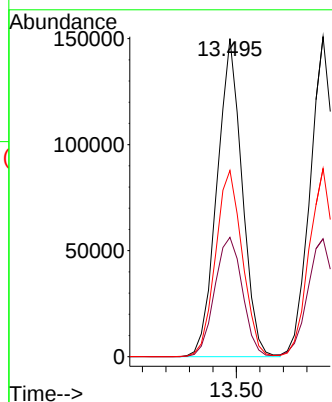
Tgt Ion:146 Resp: 222773

Ion Ratio Lower Upper

146 100

111 37.5 29.8 55.3

148 58.6 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 25.313 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

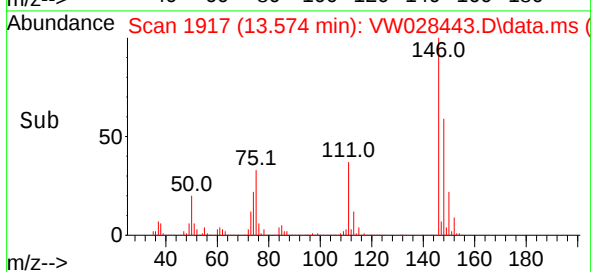
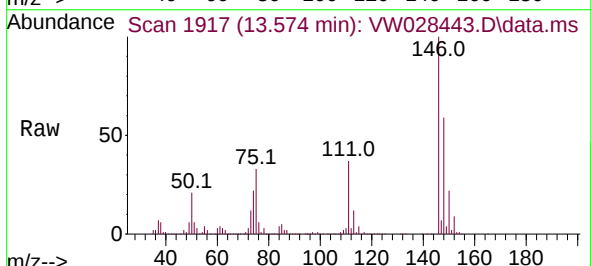
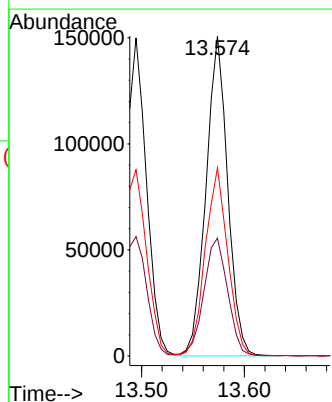
Tgt Ion:146 Resp: 221792

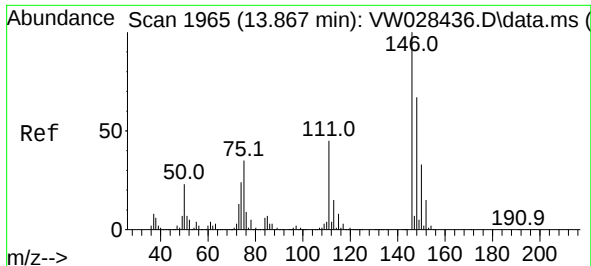
Ion Ratio Lower Upper

146 100

111 36.8 30.3 56.3

148 58.8 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 25.068 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

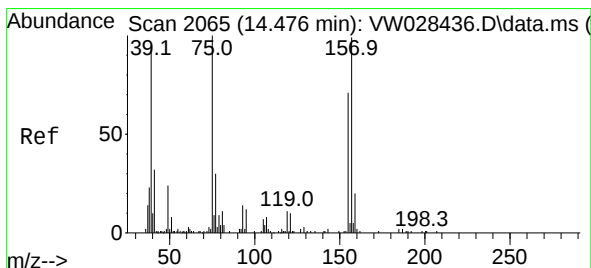
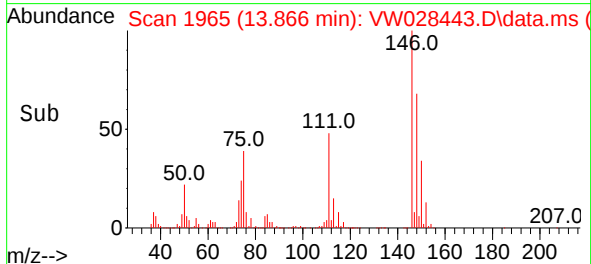
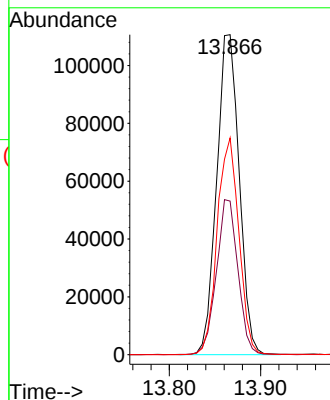
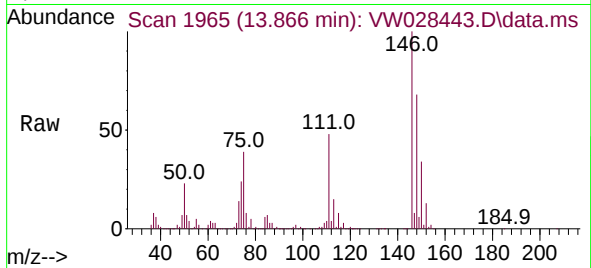
Tgt Ion:146 Resp: 189931

Ion Ratio Lower Upper

146 100

111 48.0 31.4 47.2#

148 67.7 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.857 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

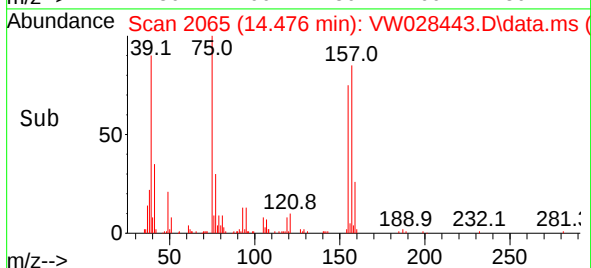
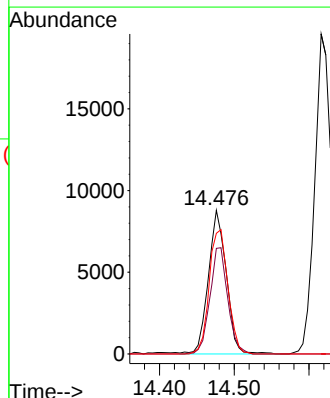
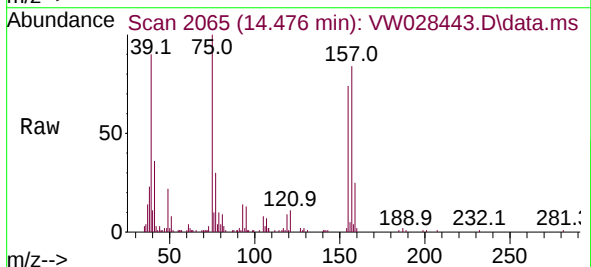
Tgt Ion: 75 Resp: 14668

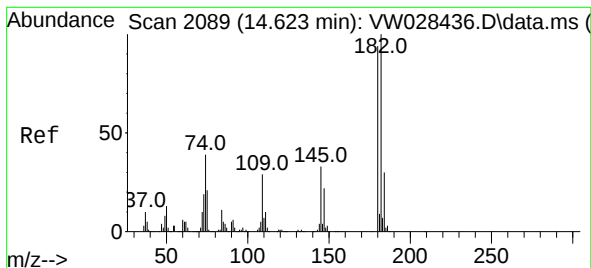
Ion Ratio Lower Upper

75 100

155 73.5 61.2 91.8

157 83.9 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 25.222 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

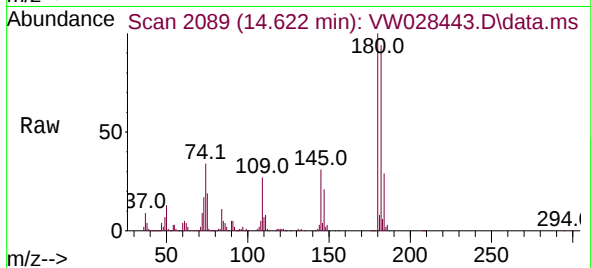
Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 149495

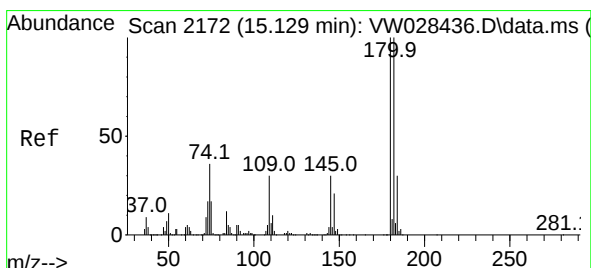
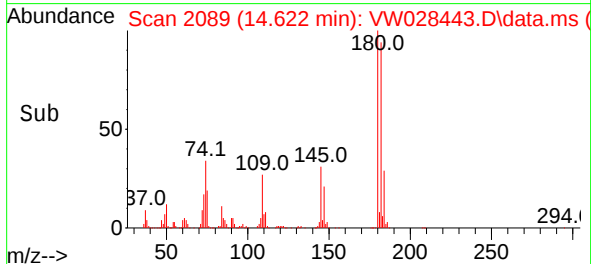
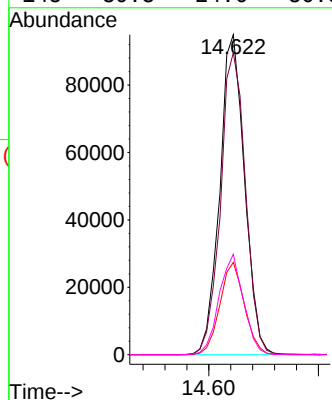
Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.0

184 28.5 24.8 37.2

145 30.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 27.895 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

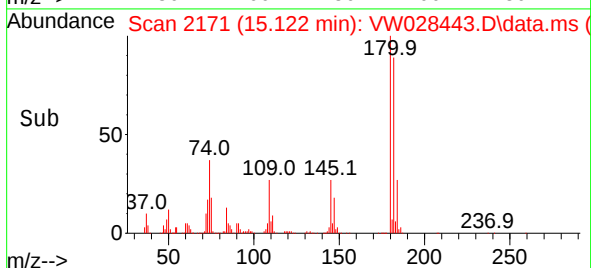
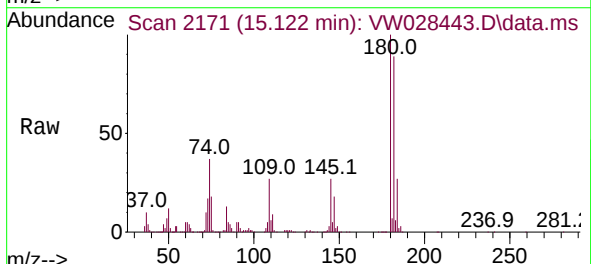
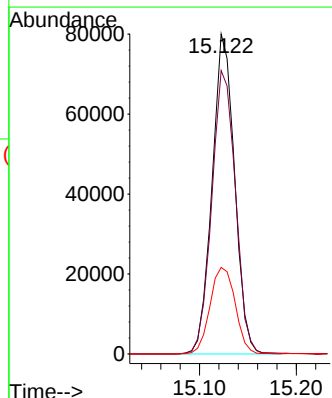
Tgt Ion:180 Resp: 129114

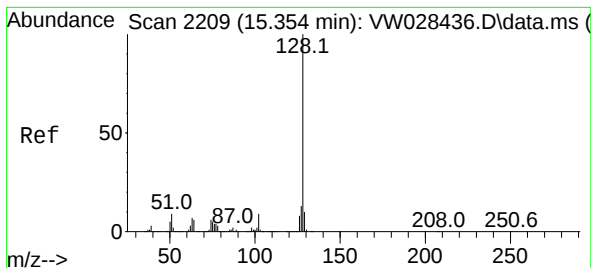
Ion Ratio Lower Upper

180 100

182 93.2 71.5 107.3

145 30.3 23.5 35.3





#71

Naphthalene

Concen: 29.919 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

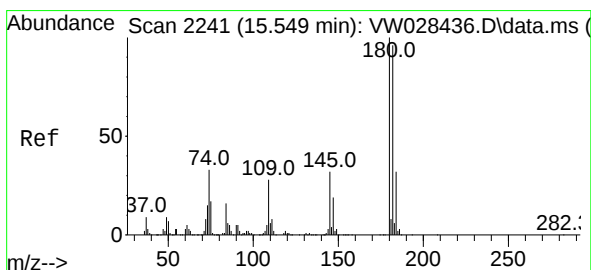
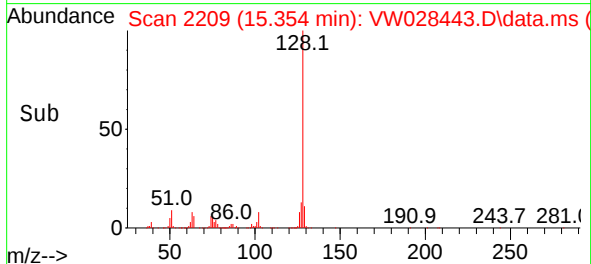
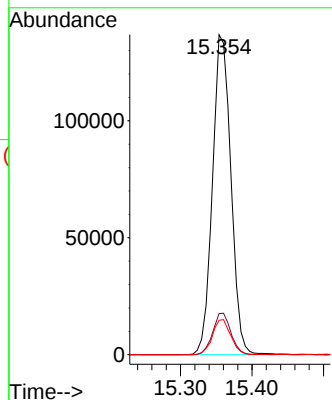
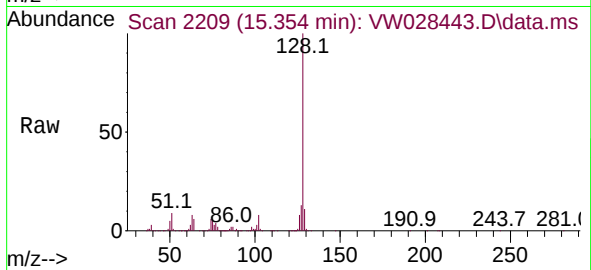
Tgt Ion:128 Resp: 245087

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.512 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW028443.D

Acq: 16 Apr 2024 10:15

Tgt Ion:180 Resp: 108892

Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 33.7 26.2 39.4

