

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028258.D
 Acq On : 27 Mar 2024 18:12
 Operator : SY/MD
 Sample : P1891-003MSD
 Misc : 5.27g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:15:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	193925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	64570	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61634	20.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
7) Chloroethane-d5	2.899	69	51195	24.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	4.027	65	41320	21.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.075	46	65504	74.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.640%#
24) Chloroform-d	7.648	84	204297	27.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.307	65	111985	27.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.640%
32) Benzene-d6	8.270	84	382528	32.308	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.240%
36) 1,2-Dichloropropane-d6	9.270	67	115380	33.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.440%#
41) Toluene-d8	10.319	98	324000	29.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.680%
43) trans-1,3-Dichloroprop...	10.575	79	45811	29.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.400%
47) 2-Hexanone-d5	10.922	63	51749	91.884	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.760%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86367	34.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.240%#
66) 1,2-Dichlorobenzene-d4	13.849	152	69389	29.500	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83791	22.769	ug/L	92
3) Chloromethane	2.223	50	64016	24.526	ug/L	98
5) Vinyl chloride	2.375	62	68711	23.288	ug/L	99
6) Bromomethane	2.790	94	44659	25.416	ug/L	89
8) Chloroethane	2.936	64	41356	26.078	ug/L	99
9) Trichlorofluoromethane	3.265	101	91859	25.751	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79506	22.436	ug/L #	84
12) 1,1-Dichloroethene	4.045	96	80077	24.444	ug/L	97
13) Acetone	4.119	43	62900	64.709	ug/L	99
14) Carbon disulfide	4.393	76	178848	17.504	ug/L	99
15) Methyl Acetate	4.673	43	43254	28.889	ug/L	99
16) Methylene chloride	4.923	84	87271	22.603	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	75843	21.785	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149586	28.479	ug/L	98
19) 1,1-Dichloroethane	6.222	63	177383	26.318	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	93661	24.910	ug/L	93
22) 2-Butanone	7.167	43	68113	61.717	ug/L	96
23) Bromochloromethane	7.514	128	42694	25.684	ug/L	96
25) Chloroform	7.673	83	179378	25.852	ug/L	98

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 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

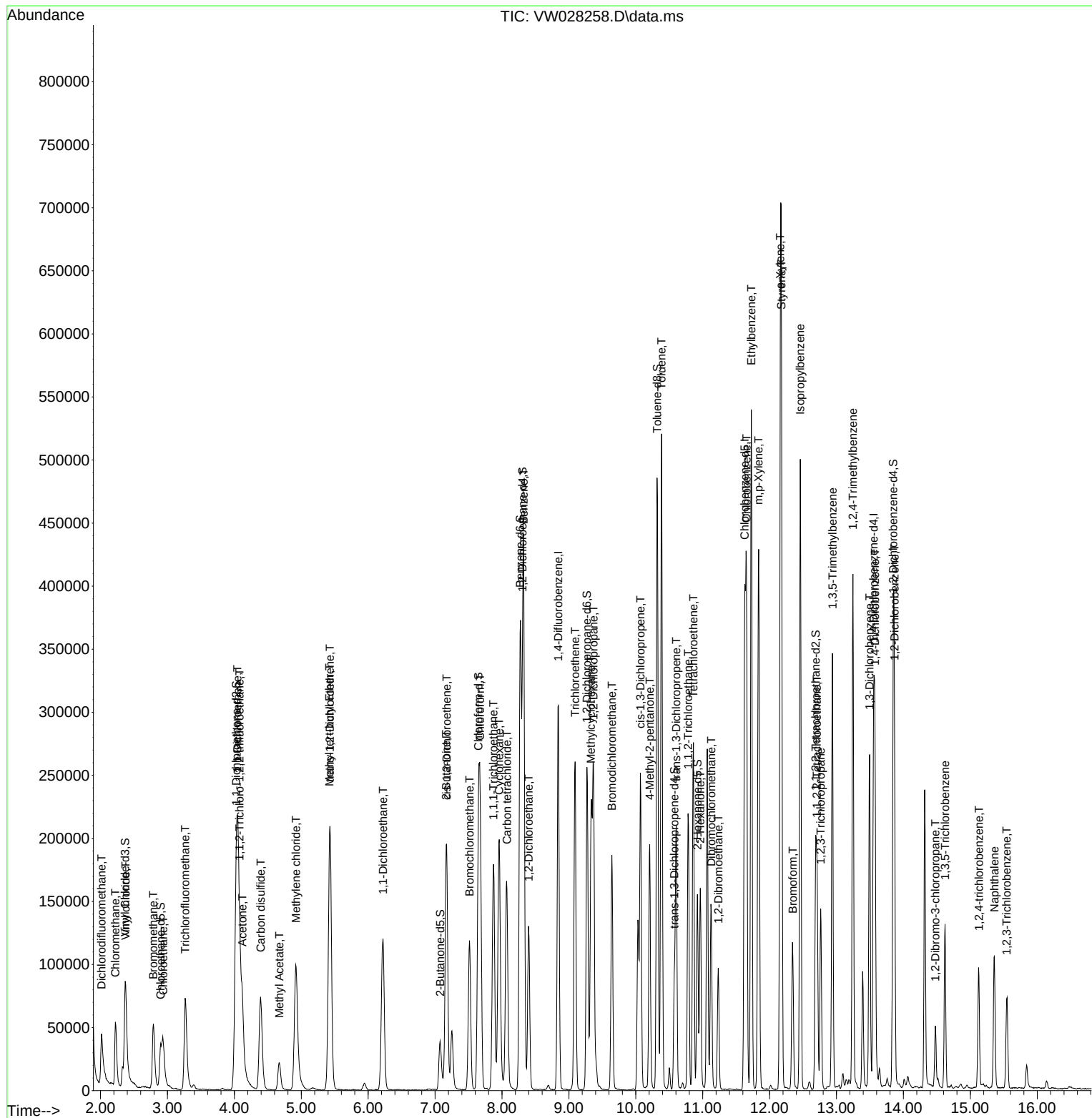
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120938	24.681	ug/L	99
29) Cyclohexane	7.959	56	119043	23.535	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	148271	29.168	ug/L	99
31) Carbon tetrachloride	8.075	117	131676	27.615	ug/L	99
33) Benzene	8.325	78	365865	30.659	ug/L	100
34) Trichloroethene	9.093	95	93005	27.935	ug/L	97
35) Methylcyclohexane	9.331	83	88797	15.779	ug/L	99
37) 1,2-Dichloropropane	9.368	63	95198	31.189	ug/L	99
38) Bromodichloromethane	9.642	83	124682	30.298	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	141807	29.010	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	126983	75.369	ug/L	98
42) Toluene	10.386	91	365009	28.026	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	115077	27.884	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	68603	31.108	ug/L	97
46) Tetrachloroethene	10.861	164	63243	23.566	ug/L	94
48) 2-Hexanone	10.965	43	101783	77.121	ug/L	98
49) Dibromochloromethane	11.129	129	77945	29.844	ug/L	99
50) 1,2-Dibromoethane	11.233	107	63502	30.115	ug/L #	91
51) Chlorobenzene	11.654	112	207646	25.119	ug/L	96
52) Ethylbenzene	11.727	91	367518	24.173	ug/L	99
53) m,p-Xylene	11.837	106	134796	23.561	ug/L	99
54) o-Xylene	12.160	106	132206	24.919	ug/L	97
55) Styrene	12.178	104	209402	22.978	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	75380	29.884	ug/L	92
59) Bromoform	12.349	173	46105	47.651	ug/L	97
60) Isopropylbenzene	12.459	105	311254	32.444	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	58296	47.306	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	182878	28.410	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	217863	28.029	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	104067	24.315	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	103677	24.225	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	98733	26.788	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12517	43.239	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	39077	13.107	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	29388	11.603	ug/L	97
71) Naphthalene	15.360	128	89592	20.610	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	23919	11.456	ug/L	100

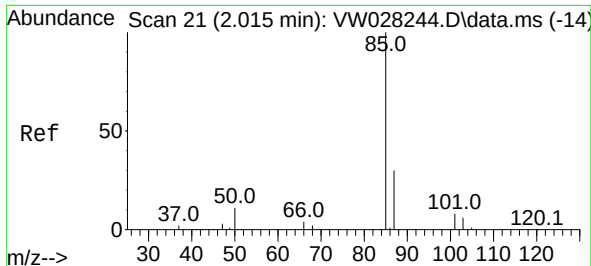
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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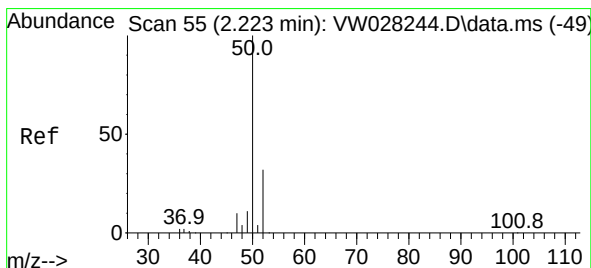
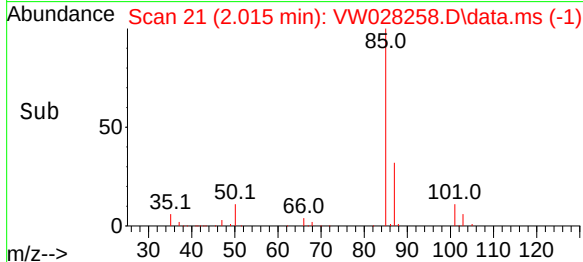
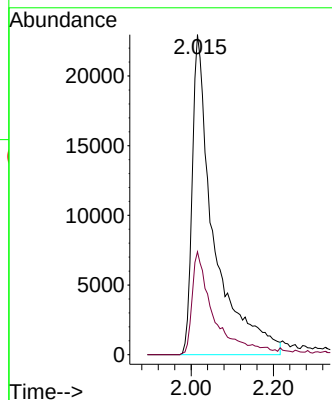
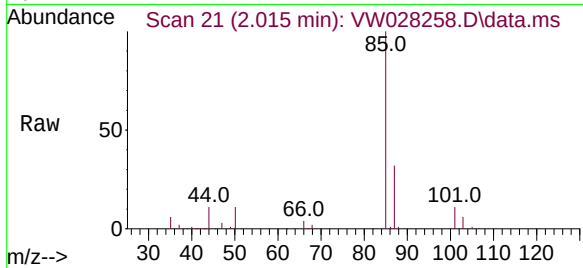




#2
 Dichlorodifluoromethane
 Concen: 22.769 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028258.D
 Acq: 27 Mar 2024 18:12

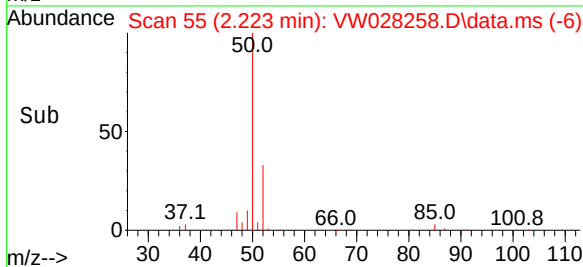
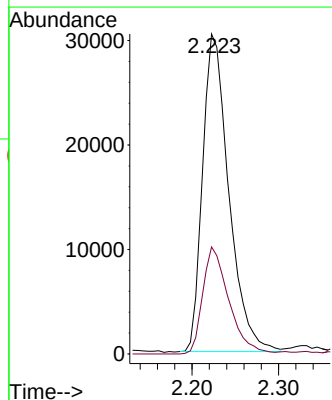
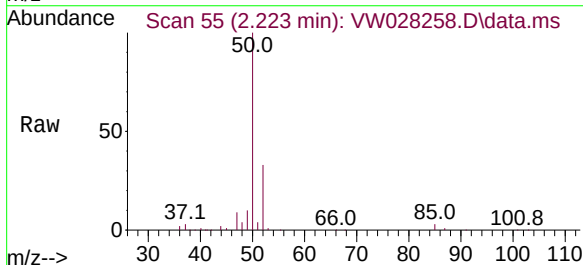
Instrument :
 MSVOA_W
 ClientSampleId :

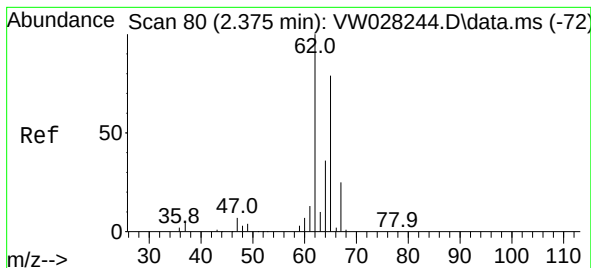
Tgt Ion: 85 Resp: 83791
 Ion Ratio Lower Upper
 85 100
 87 29.9 20.9 31.3



#3
 Chloromethane
 Concen: 24.526 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028258.D
 Acq: 27 Mar 2024 18:12

Tgt Ion: 50 Resp: 64016
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.1





#5

Vinyl chloride

Concen: 23.288 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

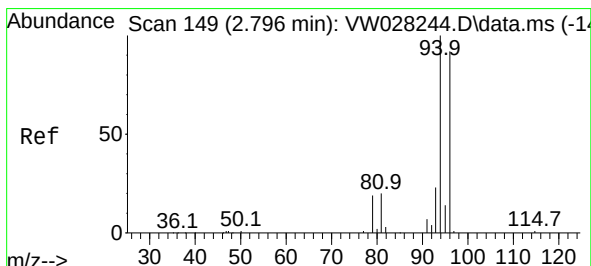
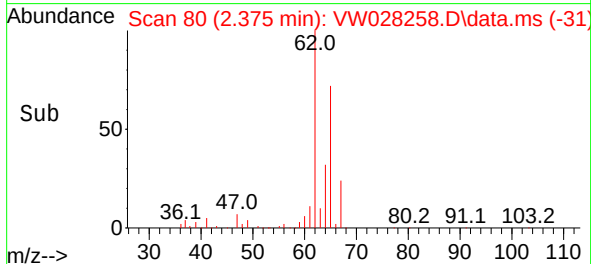
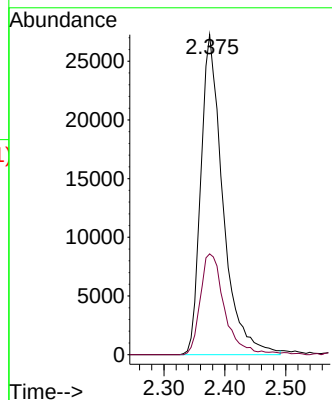
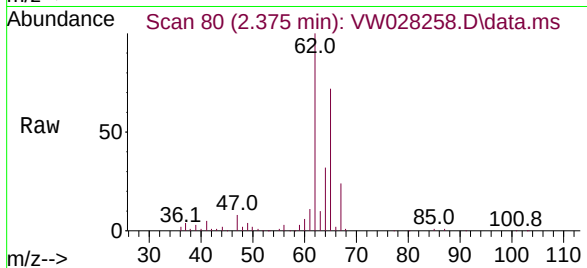
ClientSampleId :

Tgt Ion: 62 Resp: 68711

Ion Ratio Lower Upper

62 100

64 31.5 22.5 41.7



#6

Bromomethane

Concen: 25.416 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW028258.D

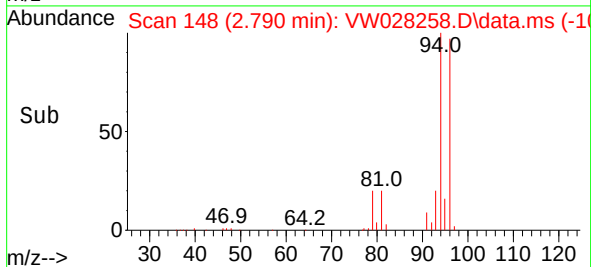
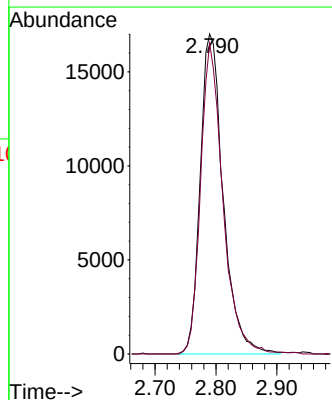
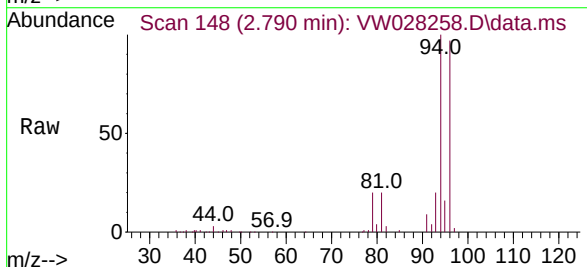
Acq: 27 Mar 2024 18:12

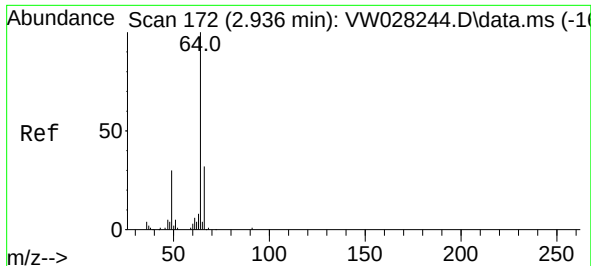
Tgt Ion: 94 Resp: 44659

Ion Ratio Lower Upper

94 100

96 97.0 60.8 113.0

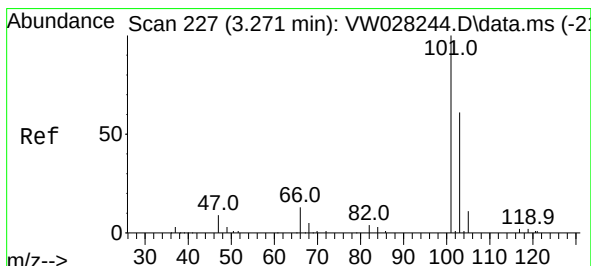
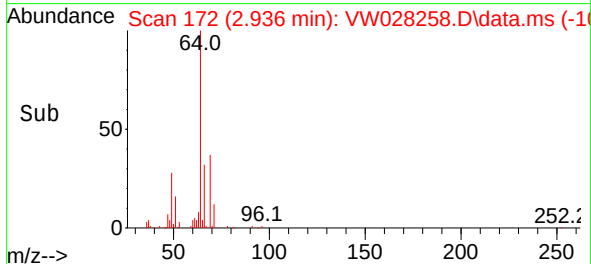
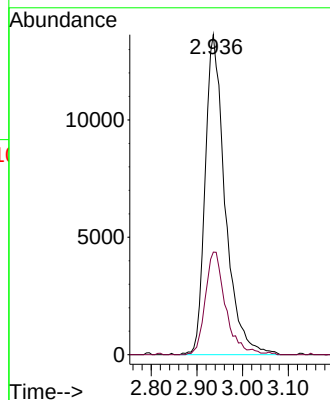
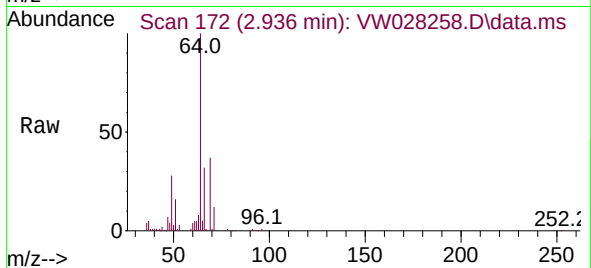




#8
Chloroethane
Concen: 26.078 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

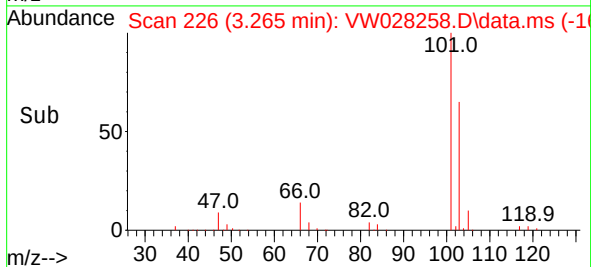
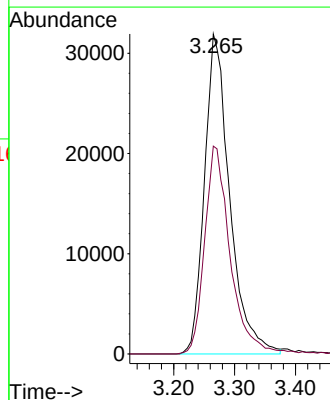
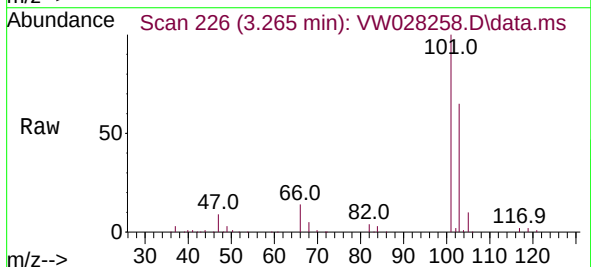
Instrument :
MSVOA_W
ClientSampleId :

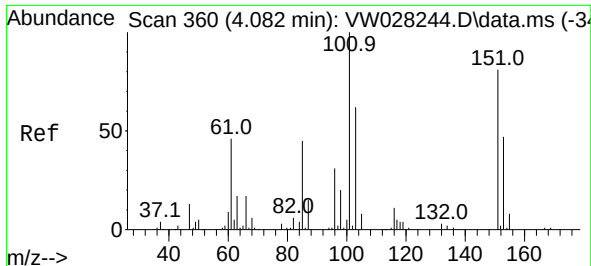
Tgt Ion: 64 Resp: 41356
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.751 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Tgt Ion:101 Resp: 91859
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3





#10

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

Concen: 22.436 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

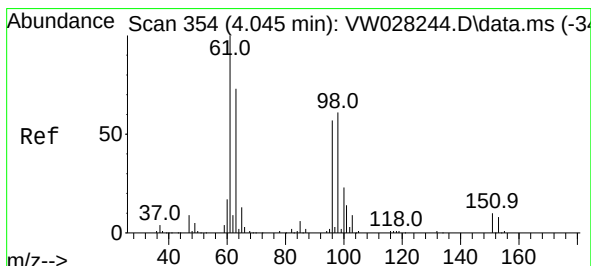
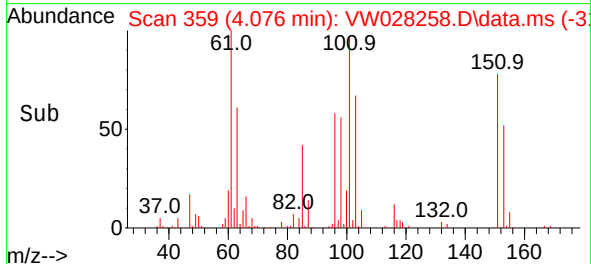
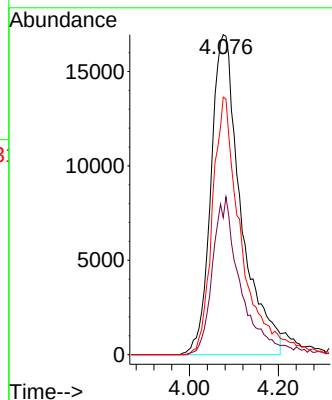
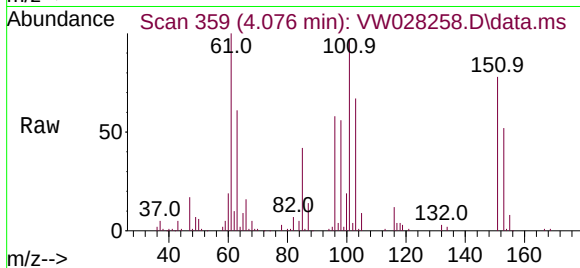
Tgt Ion:101 Resp: 79506

Ion Ratio Lower Upper

101 100

85 19.2 36.4 54.6#

151 73.4 58.4 87.6



#12

1,1-Dichloroethene

Concen: 24.444 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

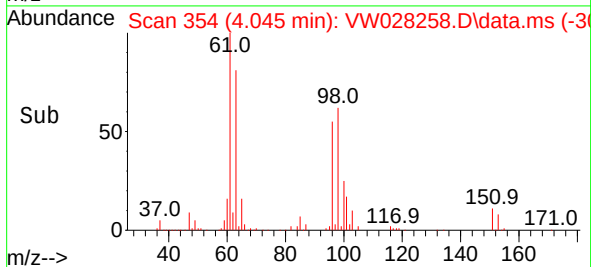
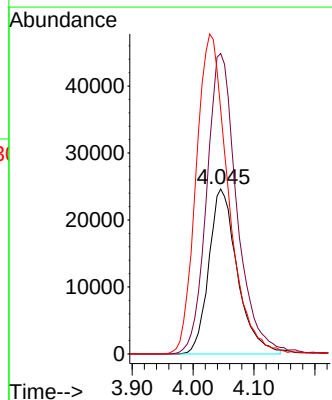
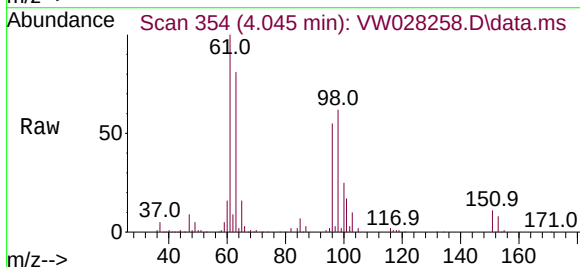
Tgt Ion: 96 Resp: 80077

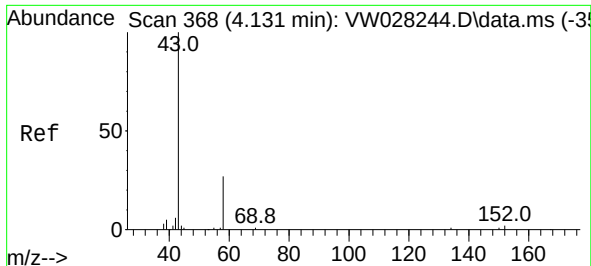
Ion Ratio Lower Upper

96 100

61 182.2 132.2 245.4

63 148.1 104.6 194.2

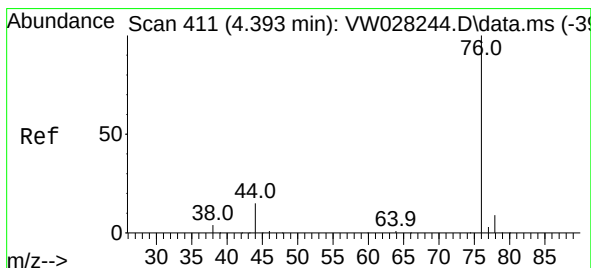
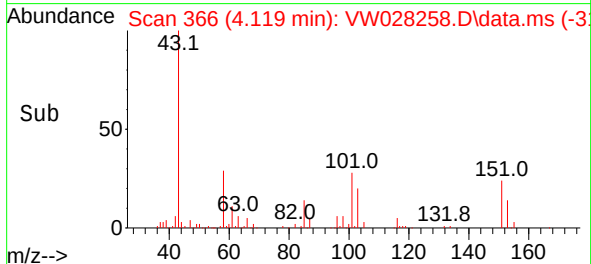
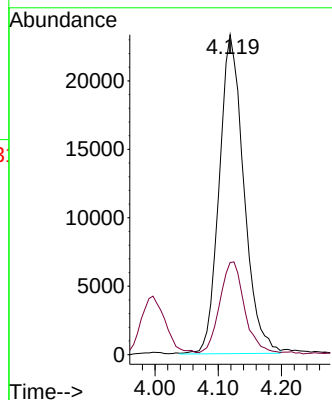
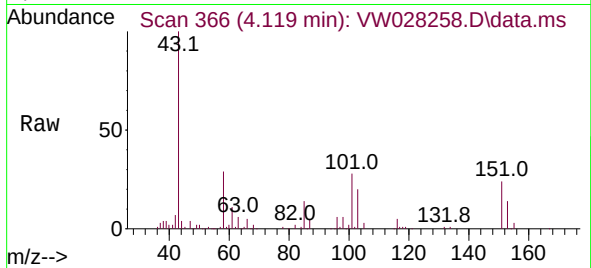




#13
Acetone
Concen: 64.709 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

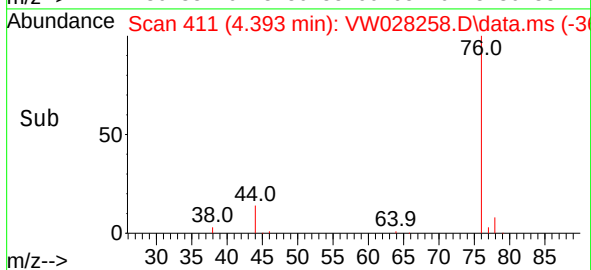
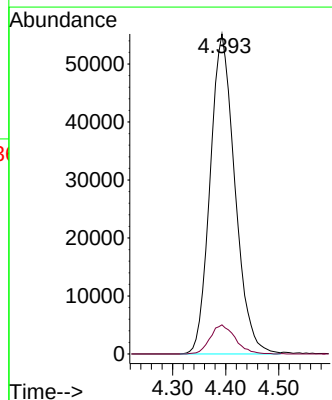
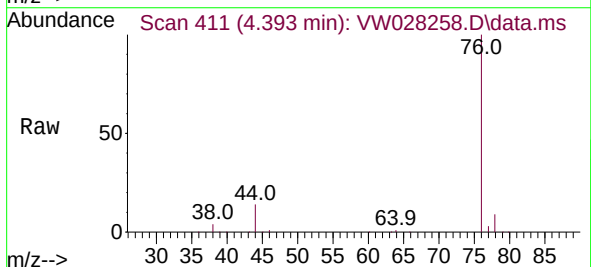
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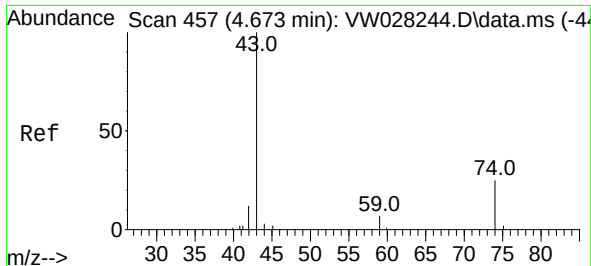
Tgt Ion: 43 Resp: 62900
Ion Ratio Lower Upper
43 100
58 28.5 0.0 57.8



#14
Carbon disulfide
Concen: 17.504 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 178848
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 28.889 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028258.D

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Instrument :

MSVOA_W

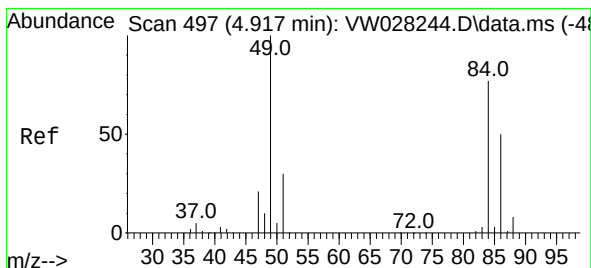
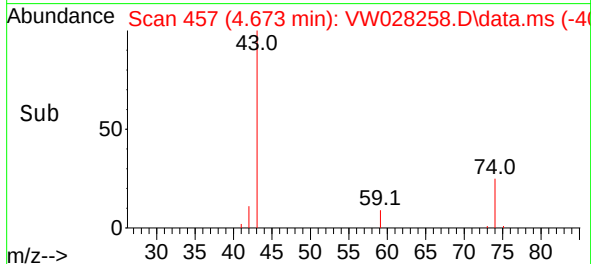
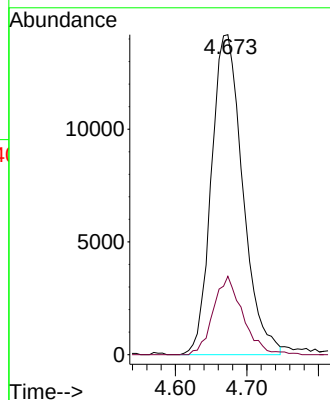
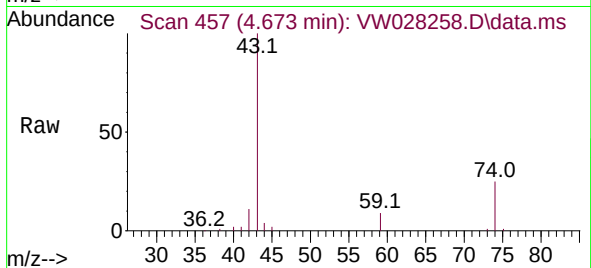
ClientSampleId :

Tgt Ion: 43 Resp: 43254

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.2



#16

Methylene chloride

Concen: 22.603 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

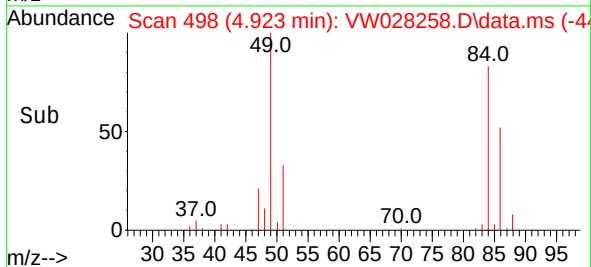
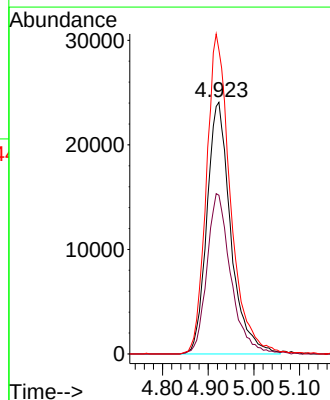
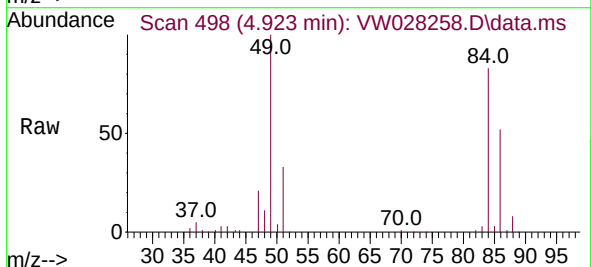
Tgt Ion: 84 Resp: 87271

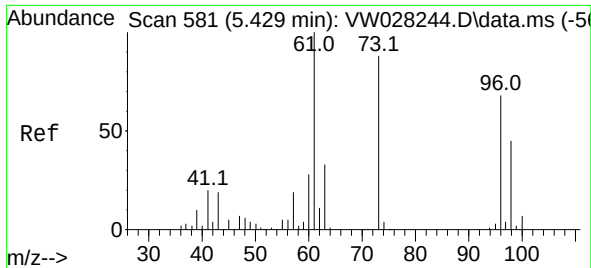
Ion Ratio Lower Upper

84 100

86 63.1 43.1 80.1

49 120.8 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 21.785 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

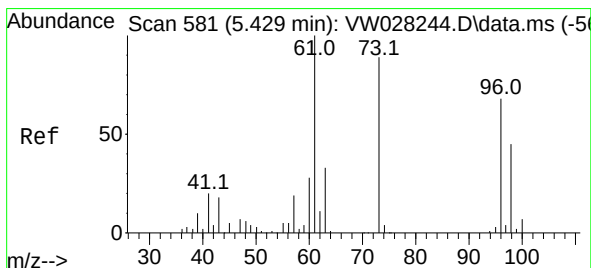
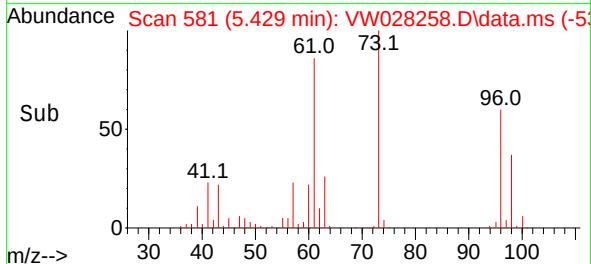
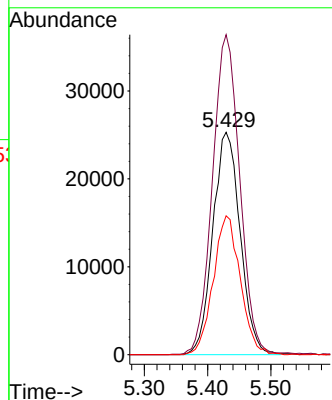
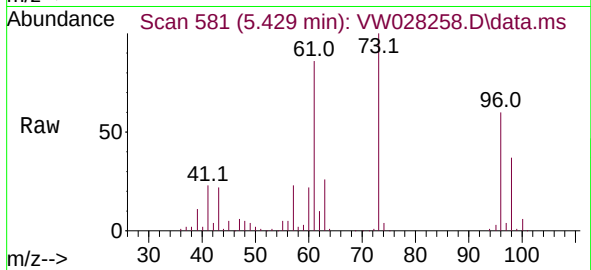
Tgt Ion: 96 Resp: 75843

Ion Ratio Lower Upper

96 100

61 143.8 98.4 182.8

98 62.5 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 28.479 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

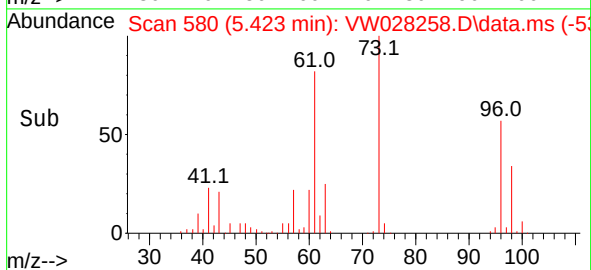
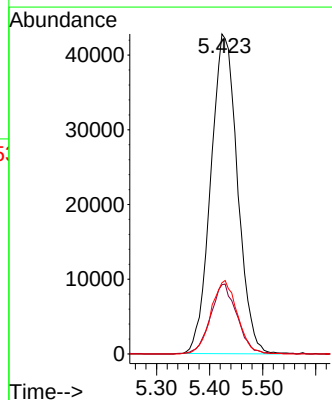
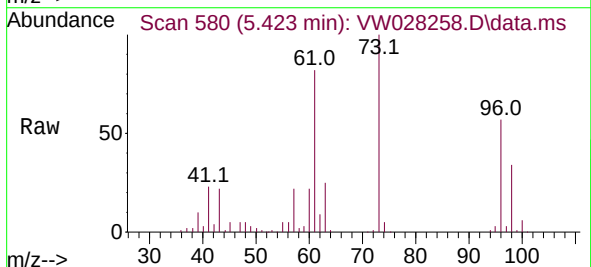
Tgt Ion: 73 Resp: 149586

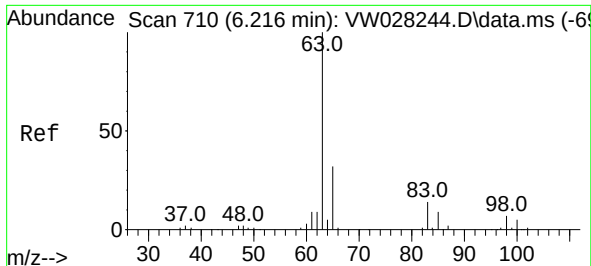
Ion Ratio Lower Upper

73 100

43 21.6 18.2 27.4

57 22.4 17.4 26.2





#19

1,1-Dichloroethane

Concen: 26.318 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

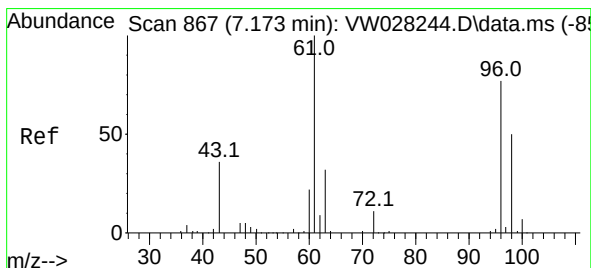
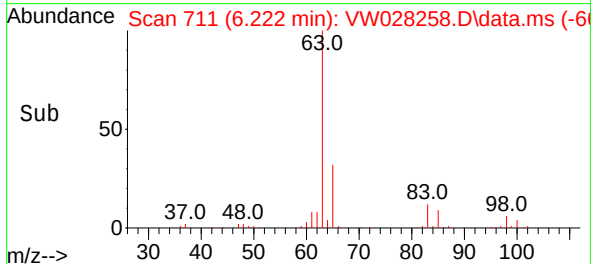
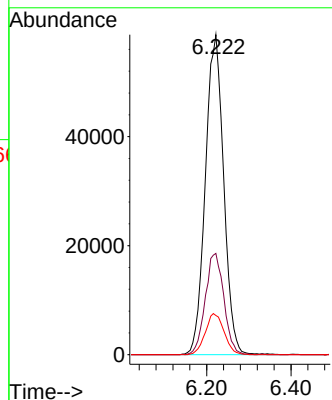
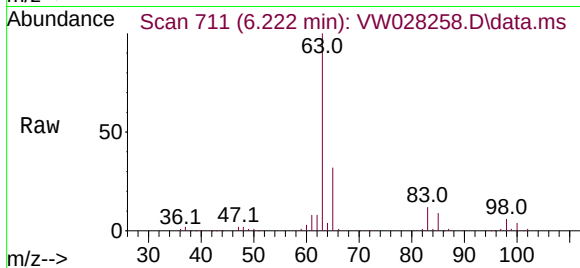
Tgt Ion: 63 Resp: 177383

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 12.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.910 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

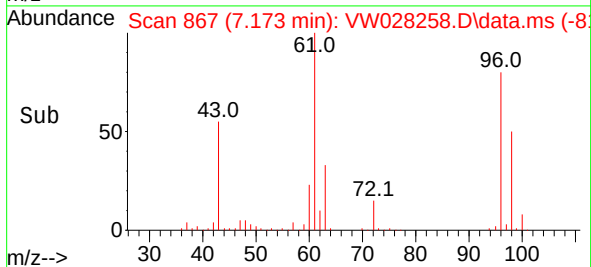
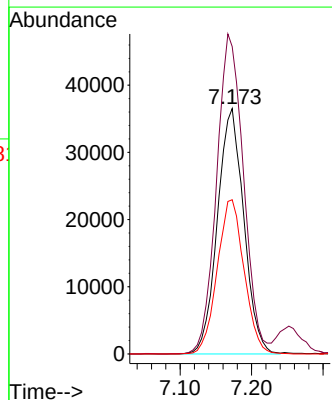
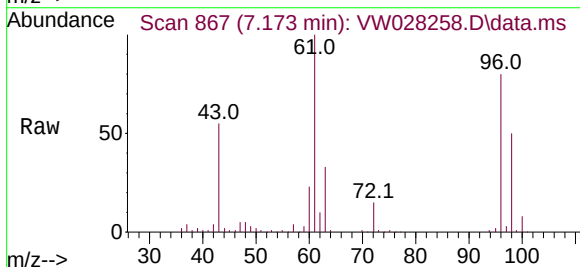
Tgt Ion: 96 Resp: 93661

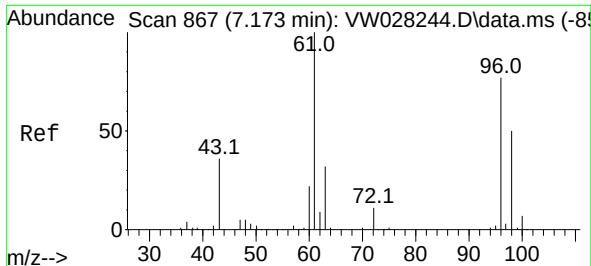
Ion Ratio Lower Upper

96 100

61 125.3 95.7 177.7

98 62.9 43.9 81.5





#22

2-Butanone

Concen: 61.717 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

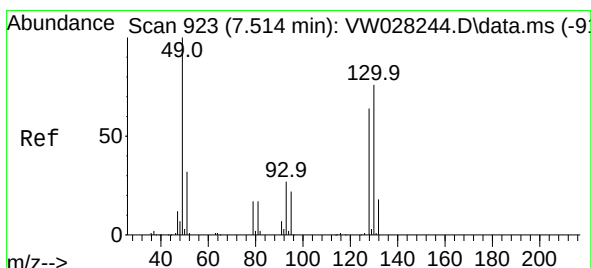
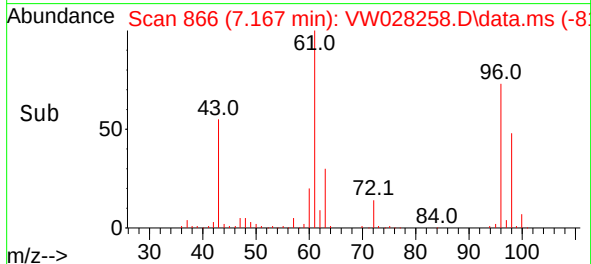
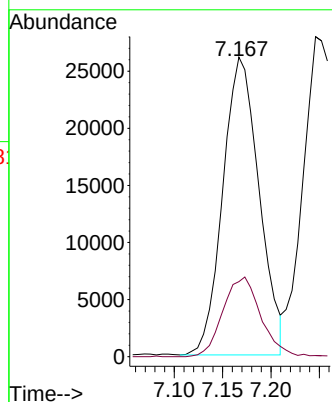
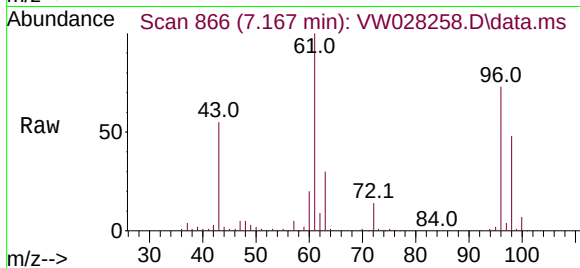
ClientSampleId :

Tgt Ion: 43 Resp: 68113

Ion Ratio Lower Upper

43 100

72 27.9 12.8 38.4



#23

Bromochloromethane

Concen: 25.684 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Tgt Ion:128 Resp: 42694

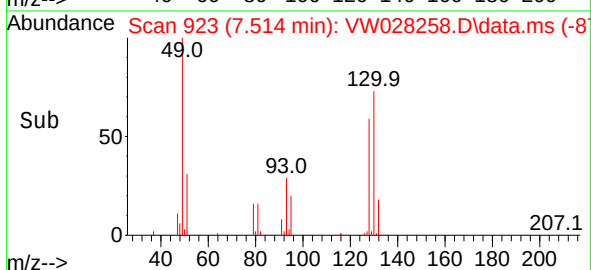
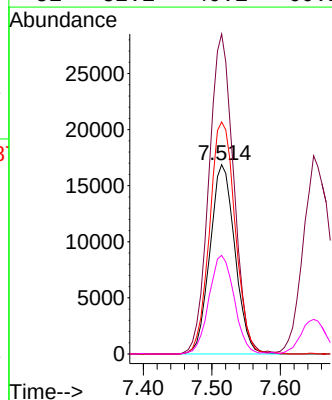
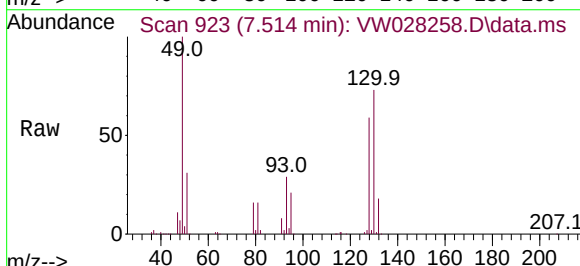
Ion Ratio Lower Upper

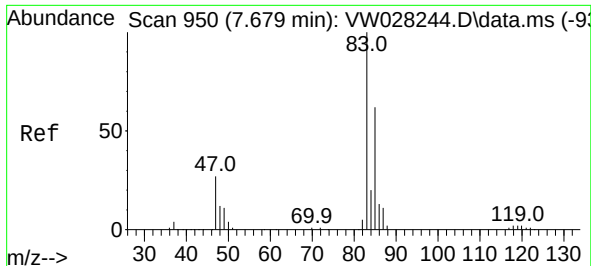
128 100

49 169.1 116.6 216.6

130 122.6 80.1 148.7

51 52.1 40.1 60.1





#25

Chloroform

Concen: 25.852 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

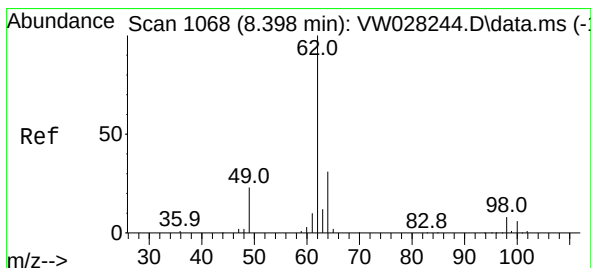
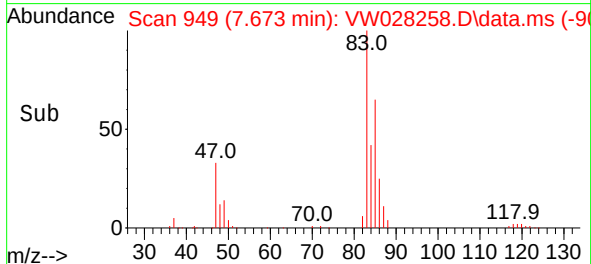
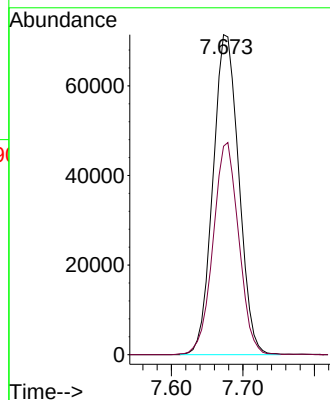
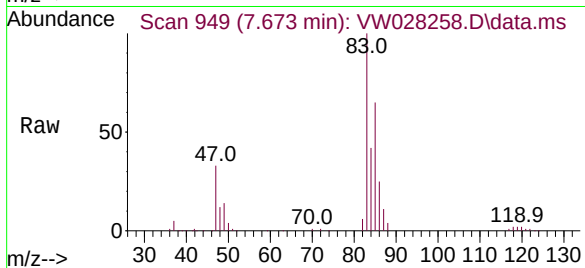
ClientSampleId :

Tgt Ion: 83 Resp: 179378

Ion Ratio Lower Upper

83 100

85 65.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 24.681 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028258.D

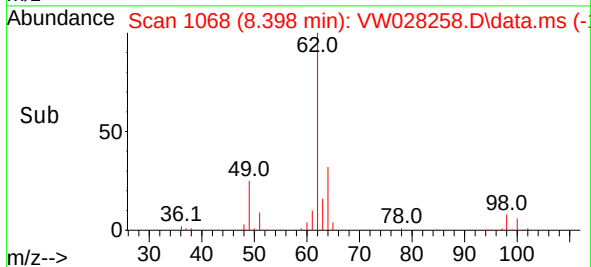
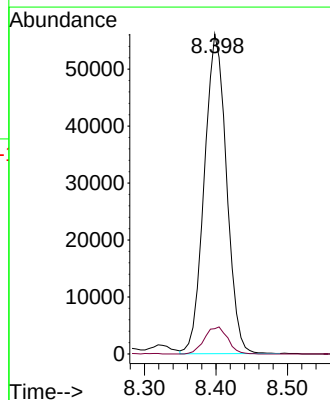
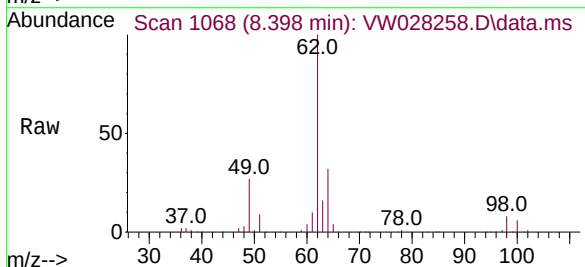
Acq: 27 Mar 2024 18:12

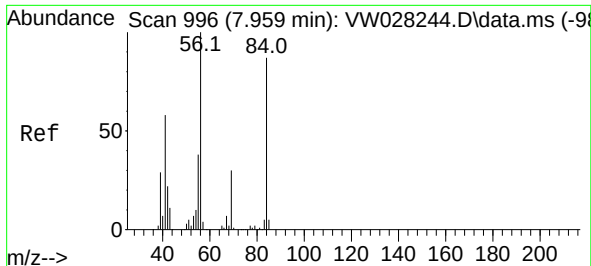
Tgt Ion: 62 Resp: 120938

Ion Ratio Lower Upper

62 100

98 7.9 5.9 8.9





#29

Cyclohexane

Concen: 23.535 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

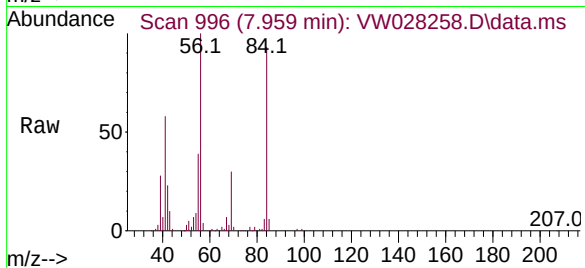
Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :



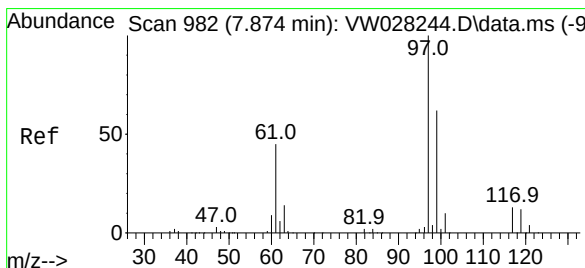
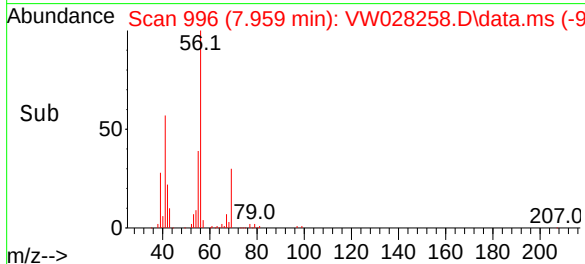
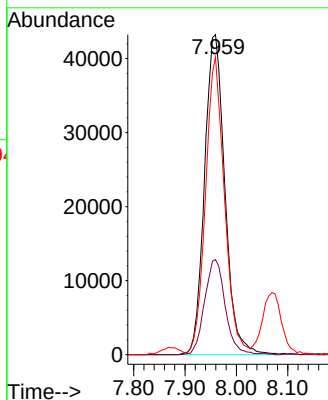
Tgt Ion: 56 Resp: 119043

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 86.7 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 29.168 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

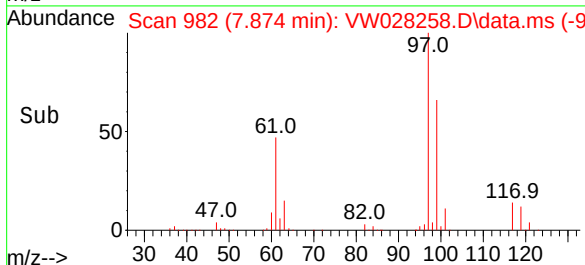
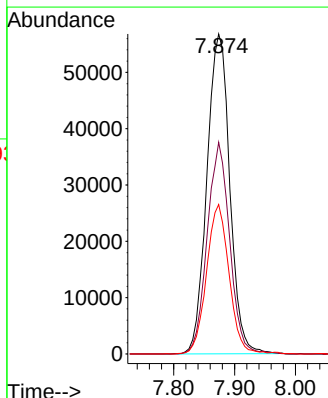
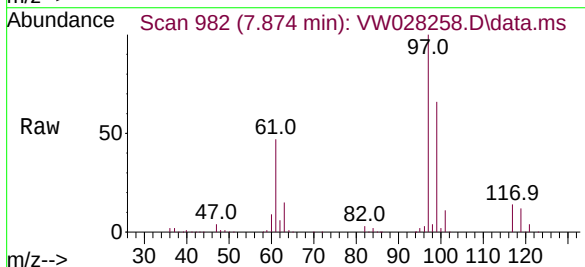
Tgt Ion: 97 Resp: 148271

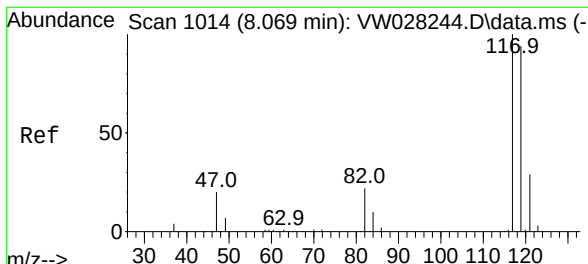
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

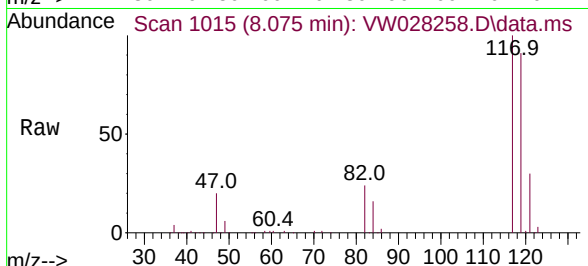
61 45.9 37.0 55.6



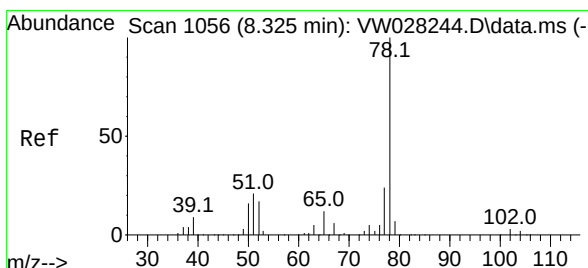
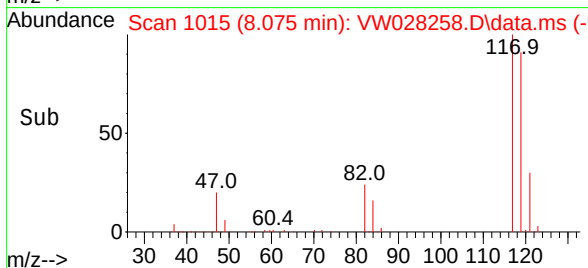
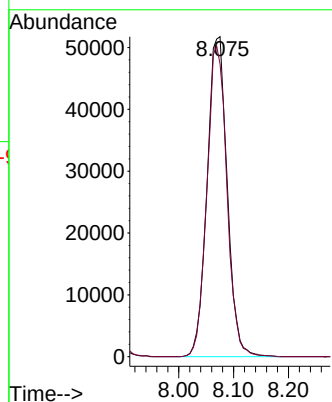


#31
Carbon tetrachloride
Concen: 27.615 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Instrument :
MSVOA_W
ClientSampleId :

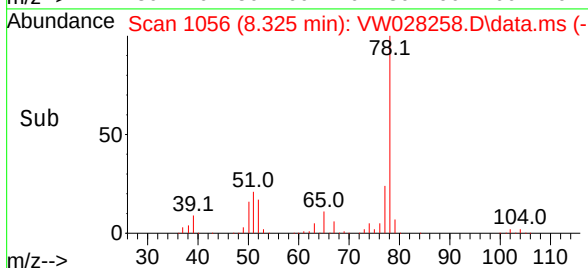
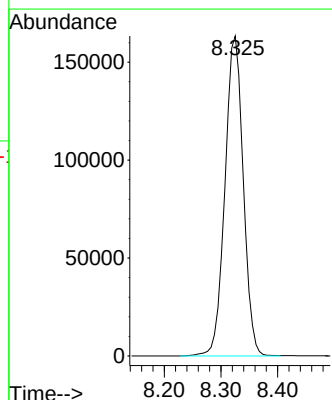
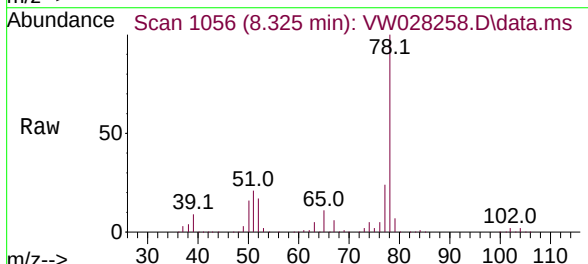


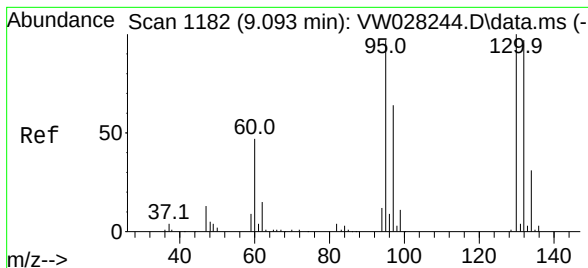
Tgt Ion:117 Resp: 131676
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4



#33
Benzene
Concen: 30.659 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Tgt Ion: 78 Resp: 365865





#34

Trichloroethene

Concen: 27.935 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

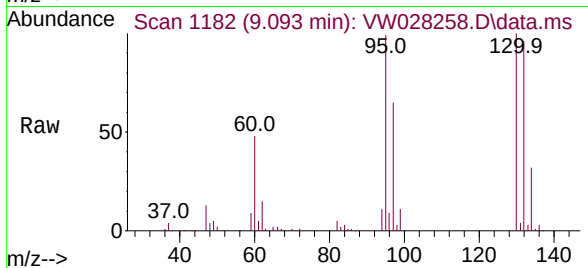
Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 93005

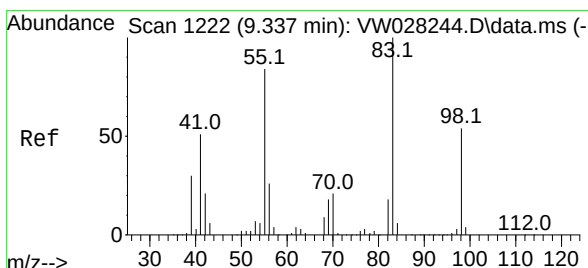
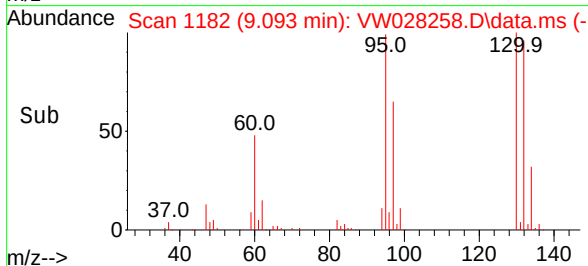
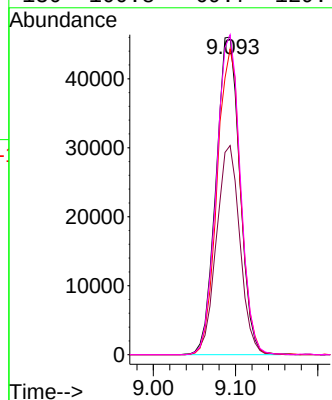
Ion Ratio Lower Upper

95 100

97 65.9 42.4 78.6

132 96.3 69.4 128.8

130 100.8 69.7 129.4



#35

Methylcyclohexane

Concen: 15.779 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

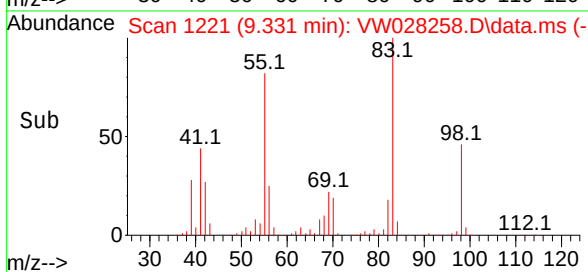
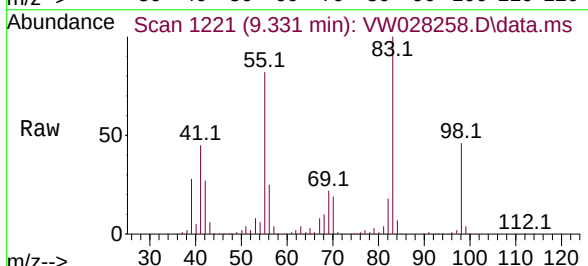
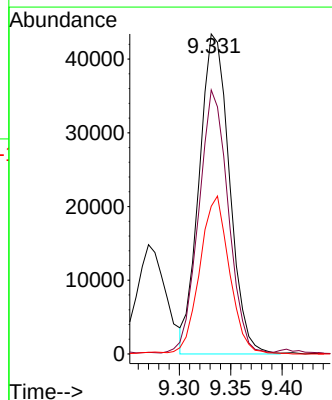
Tgt Ion: 83 Resp: 88797

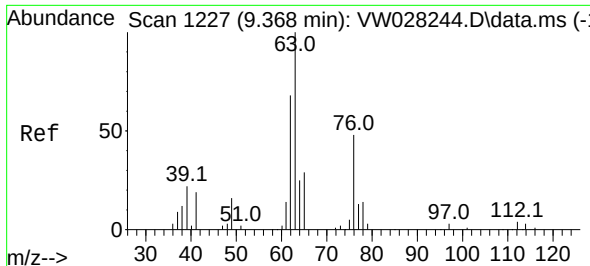
Ion Ratio Lower Upper

83 100

55 80.9 64.2 96.4

98 48.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 31.189 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

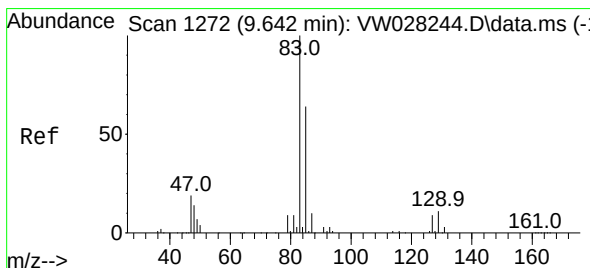
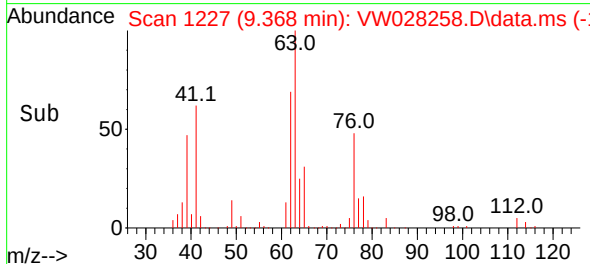
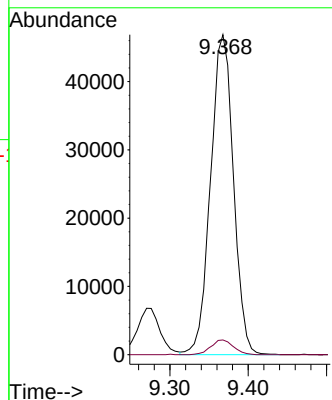
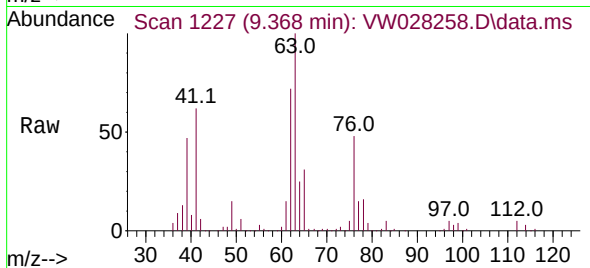
ClientSampleId :

Tgt Ion: 63 Resp: 95198

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 30.298 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

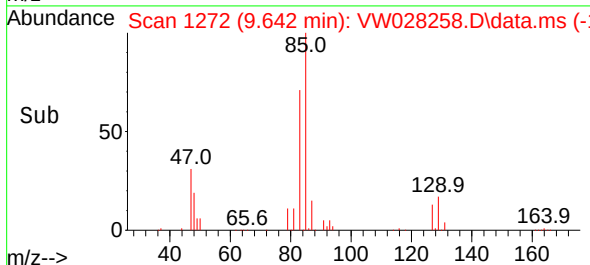
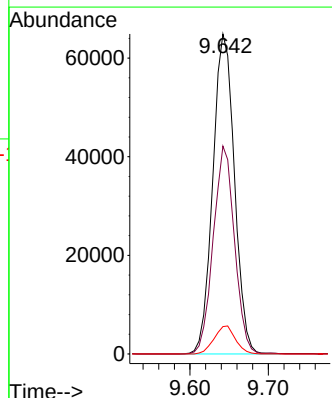
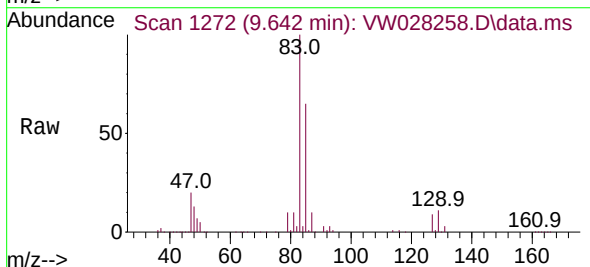
Tgt Ion: 83 Resp: 124682

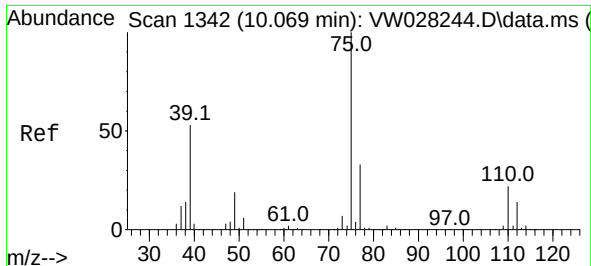
Ion Ratio Lower Upper

83 100

85 65.0 45.8 85.2

127 8.6 6.5 9.7

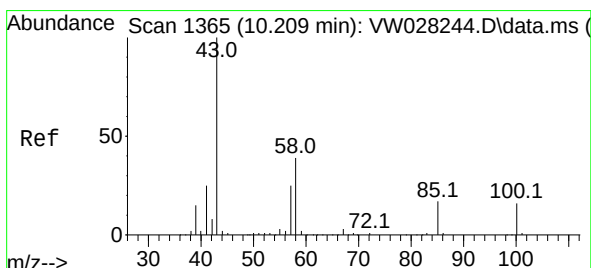
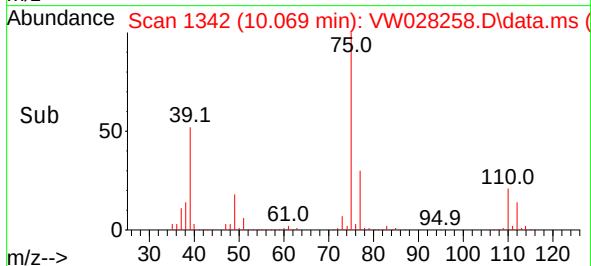
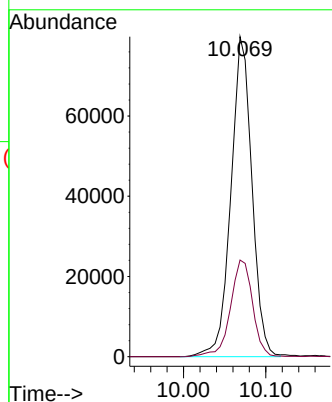
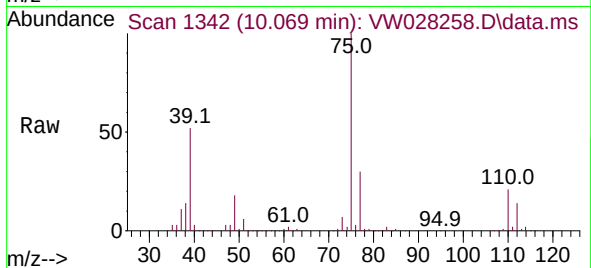




#39
cis-1,3-Dichloropropene
Concen: 29.010 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

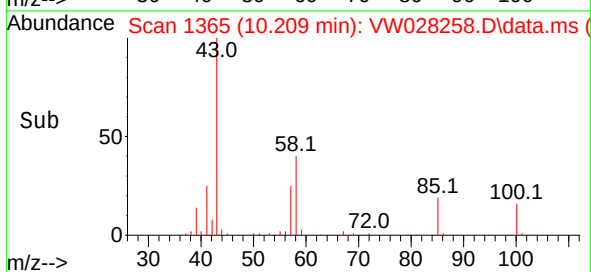
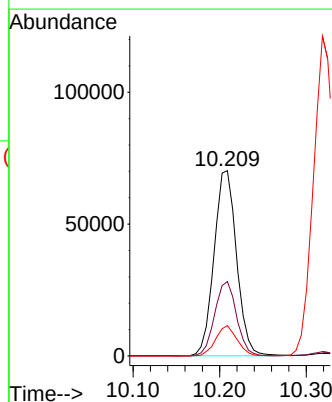
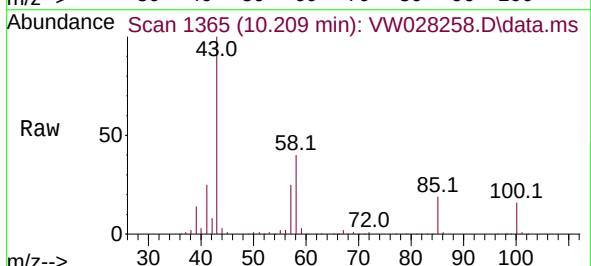
Instrument :
MSVOA_W
ClientSampleId :

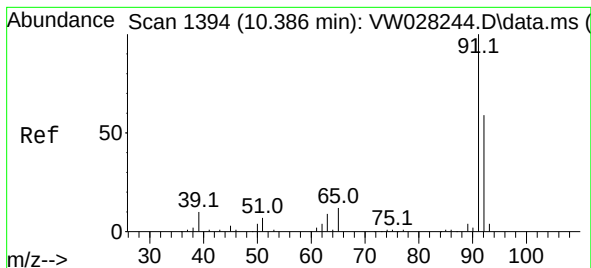
Tgt Ion: 75 Resp: 141807
Ion Ratio Lower Upper
75 100
77 30.2 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 75.369 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Tgt Ion: 43 Resp: 126983
Ion Ratio Lower Upper
43 100
58 39.1 30.1 45.1
100 15.7 11.8 17.8





#42

Toluene

Concen: 28.026 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

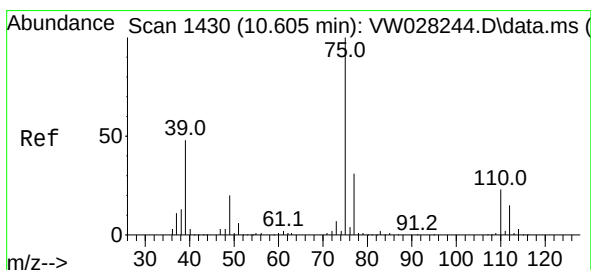
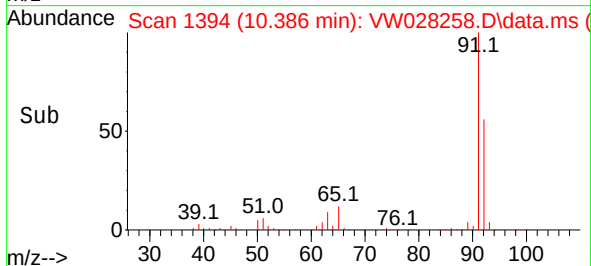
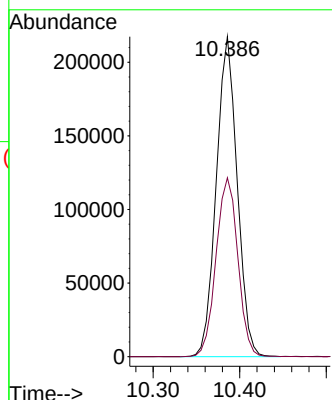
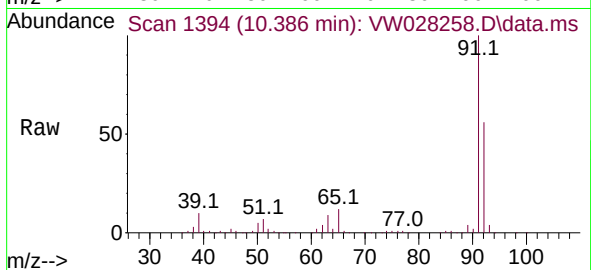
ClientSampleId :

Tgt Ion: 91 Resp: 365009

Ion Ratio Lower Upper

91 100

92 55.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 27.884 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028258.D

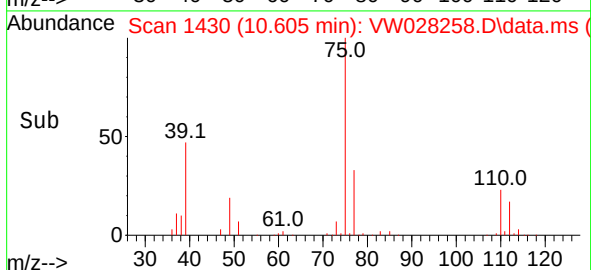
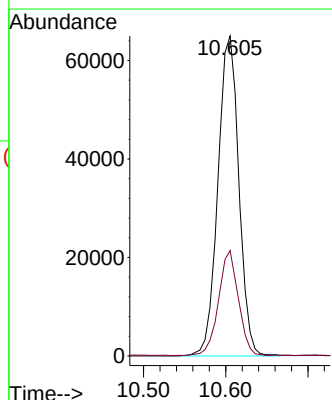
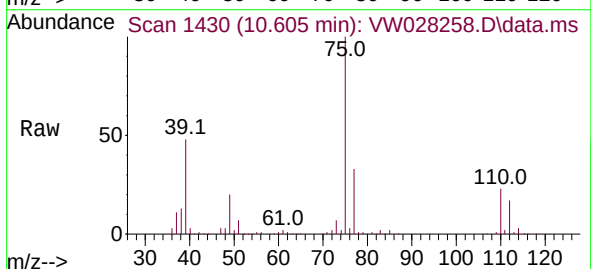
Acq: 27 Mar 2024 18:12

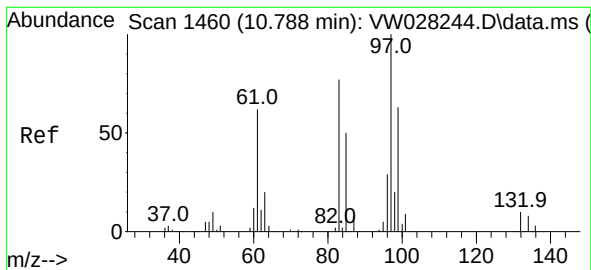
Tgt Ion: 75 Resp: 115077

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 31.108 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 68603

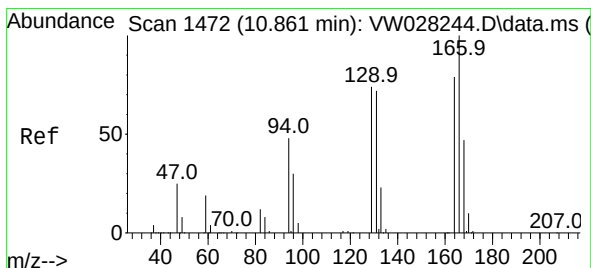
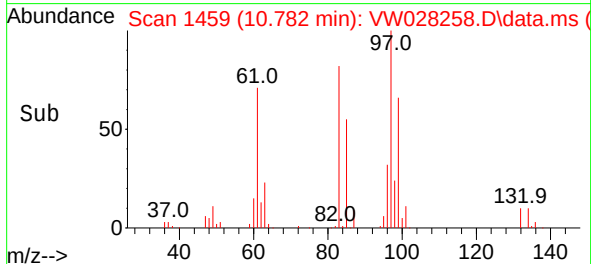
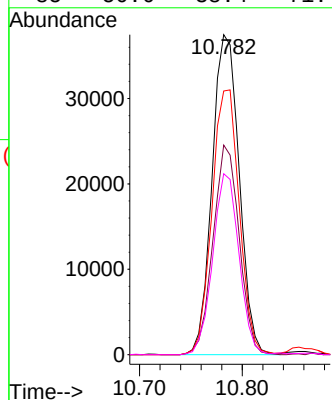
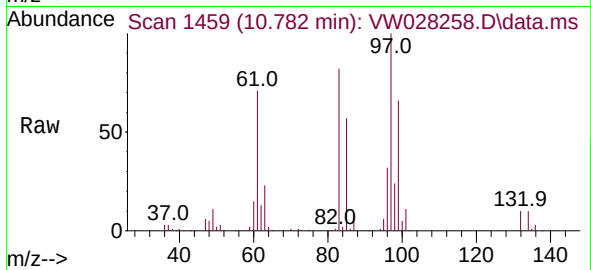
Ion Ratio Lower Upper

97 100

99 65.5 43.4 80.6

83 82.4 59.4 110.4

85 56.6 38.4 71.4



#46

Tetrachloroethene

Concen: 23.566 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Tgt Ion:164 Resp: 63243

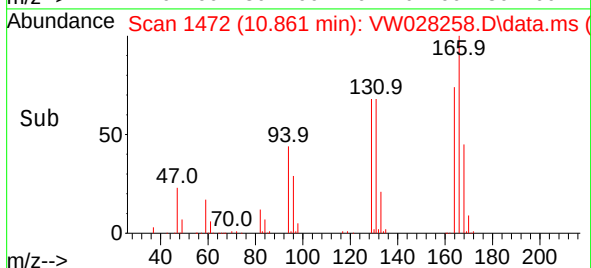
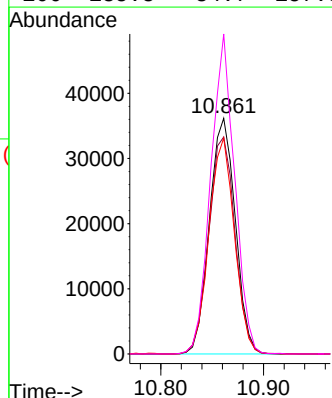
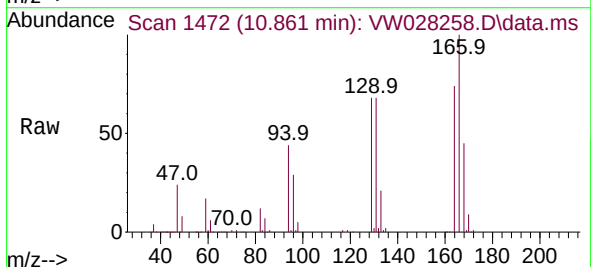
Ion Ratio Lower Upper

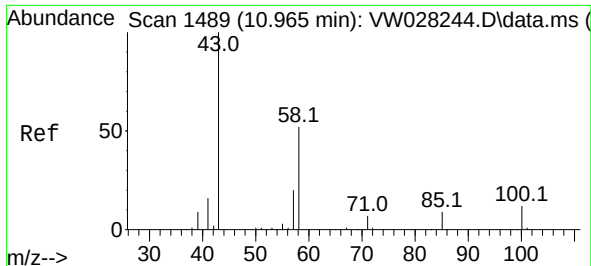
164 100

129 92.1 64.0 119.0

131 91.7 62.6 116.3

166 135.8 84.7 157.3





#48

2-Hexanone

Concen: 77.121 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

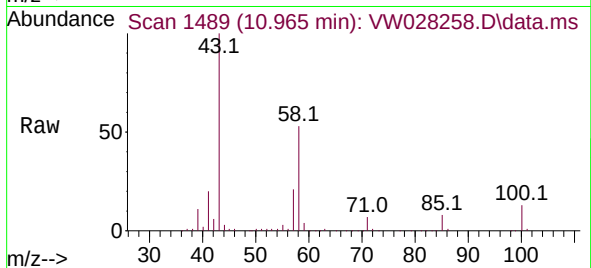
Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 101783

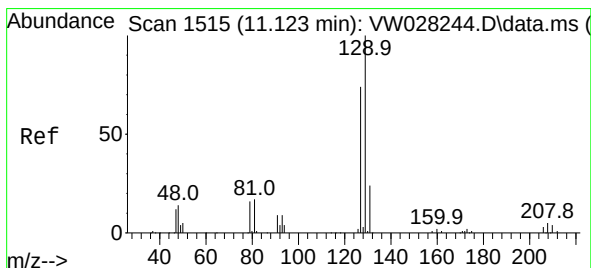
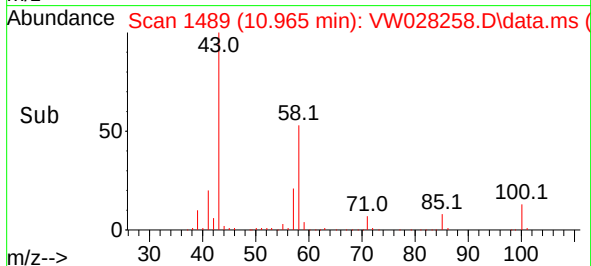
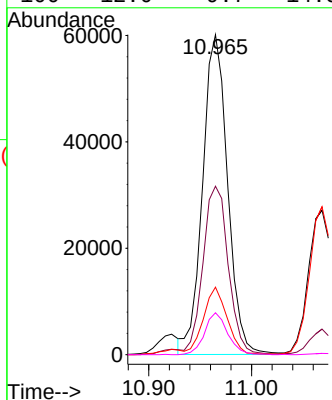
Ion Ratio Lower Upper

43 100

58 53.3 40.6 61.0

57 20.0 15.7 23.5

100 12.0 9.7 14.5



#49

Dibromochloromethane

Concen: 29.844 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028258.D

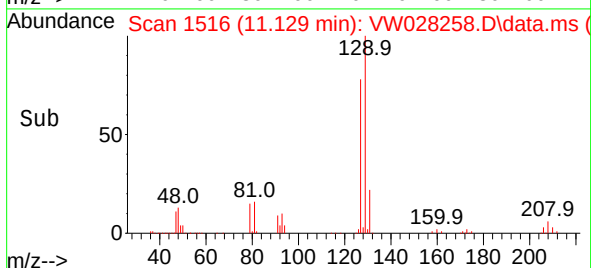
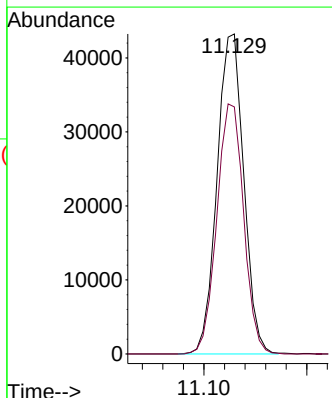
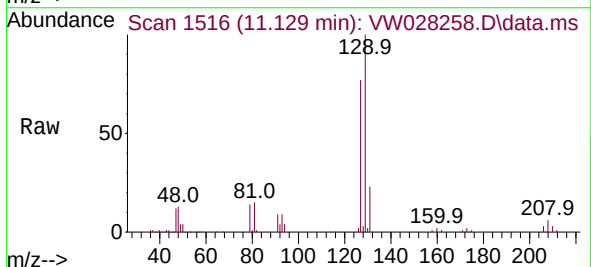
Acq: 27 Mar 2024 18:12

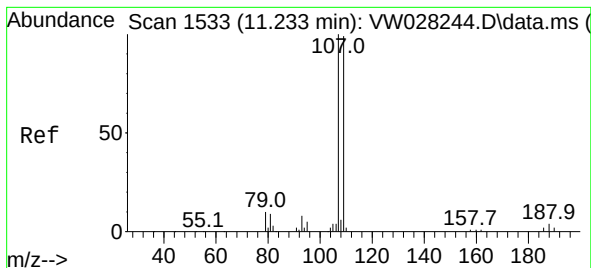
Tgt Ion:129 Resp: 77945

Ion Ratio Lower Upper

129 100

127 77.2 53.1 98.7





#50

1,2-Dibromoethane

Concen: 30.115 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028258.D

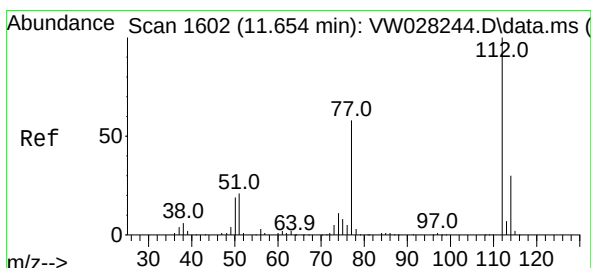
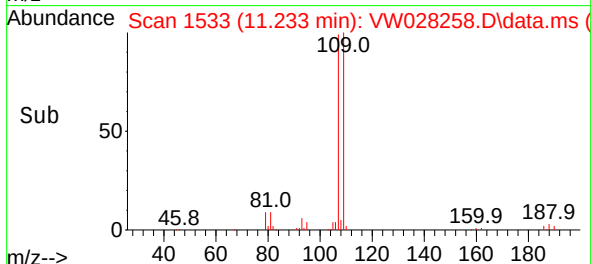
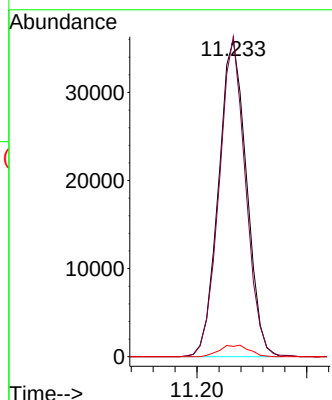
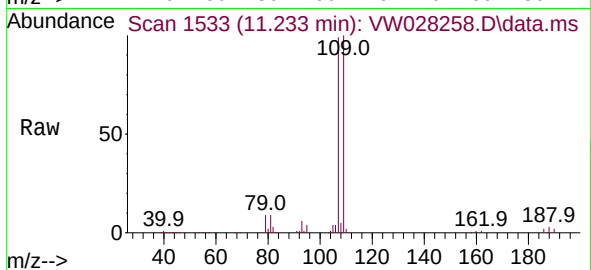
Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	63502
Ion	Ratio	Lower	Upper
107	100		
109	101.2	64.4	119.6
188	3.2	3.4	5.2#



#51

Chlorobenzene

Concen: 25.119 ug/L

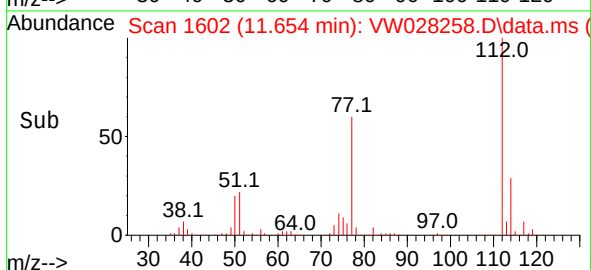
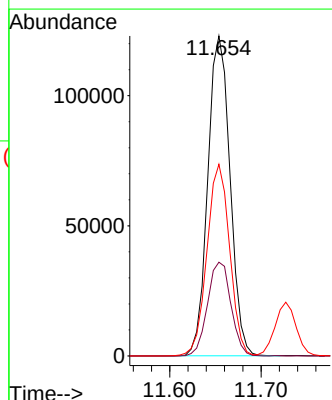
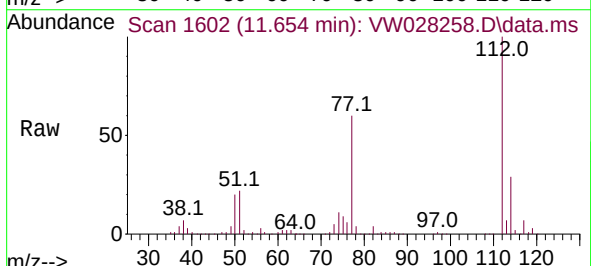
RT: 11.654 min Scan# 1602

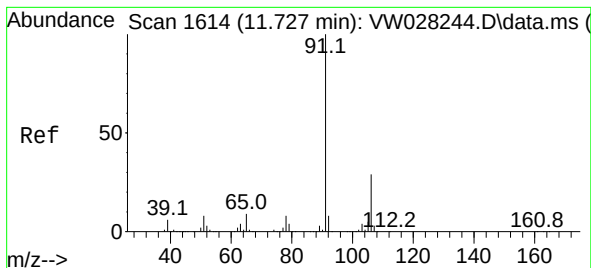
Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Tgt Ion:	112	Resp:	207646
Ion	Ratio	Lower	Upper
112	100		
114	29.3	21.8	40.6
77	59.9	50.6	76.0





#52

Ethylbenzene

Concen: 24.173 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

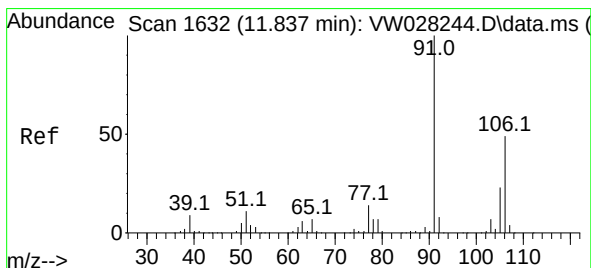
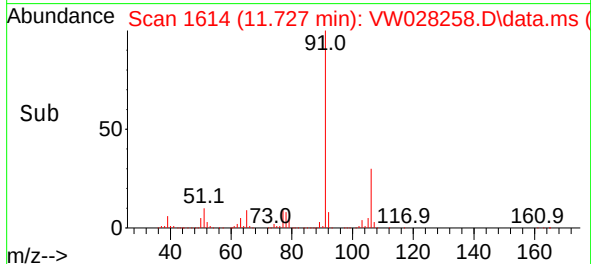
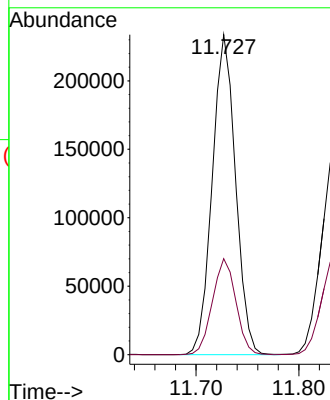
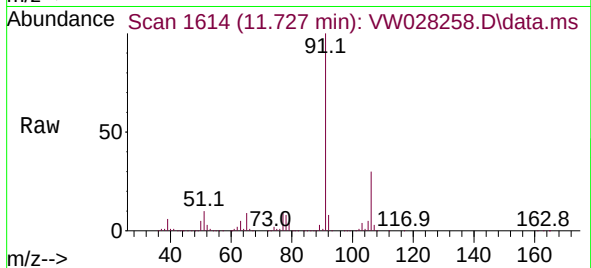
ClientSampleId :

Tgt Ion: 91 Resp: 367518

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.5



#53

m,p-Xylene

Concen: 23.561 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028258.D

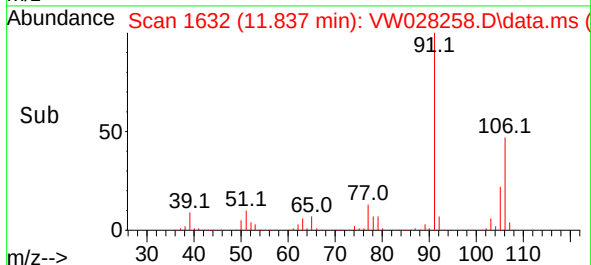
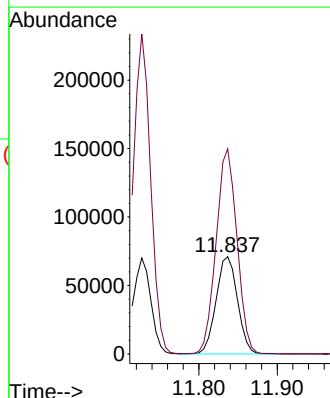
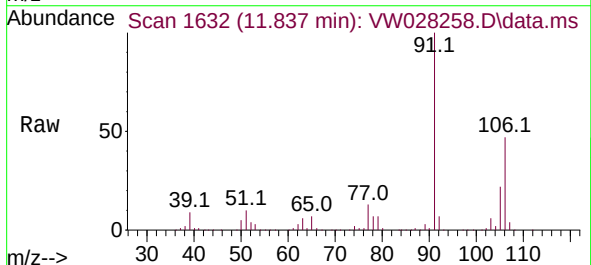
Acq: 27 Mar 2024 18:12

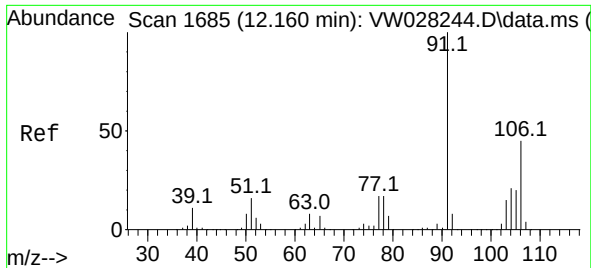
Tgt Ion:106 Resp: 134796

Ion Ratio Lower Upper

106 100

91 211.0 147.1 273.1

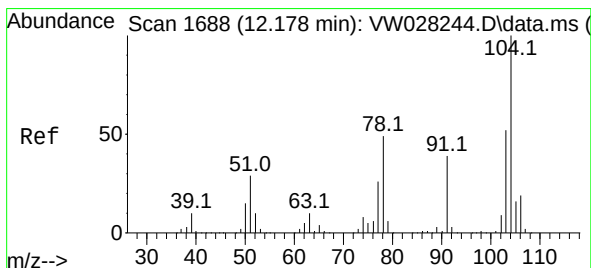
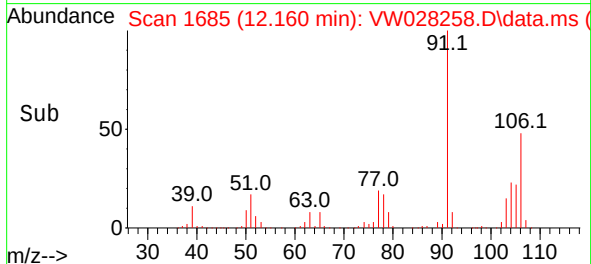
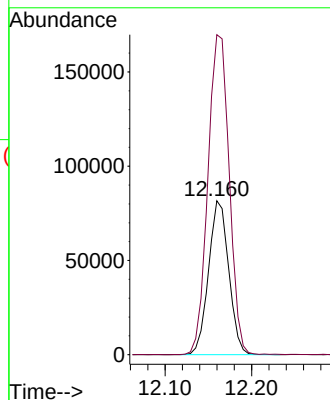
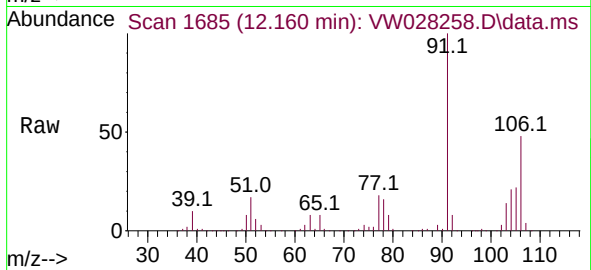




#54
o-Xylene
Concen: 24.919 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

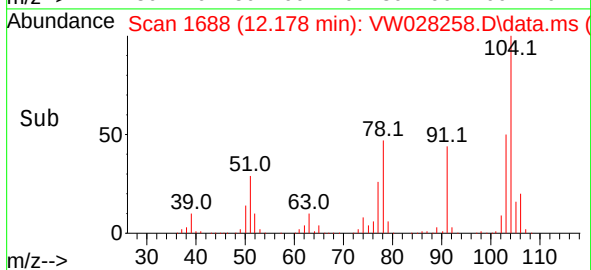
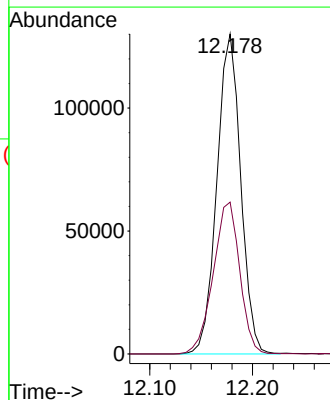
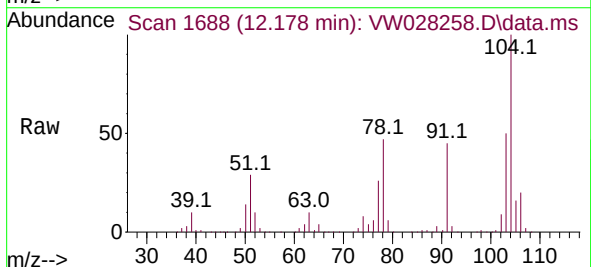
Instrument :
MSVOA_W
ClientSampleId :

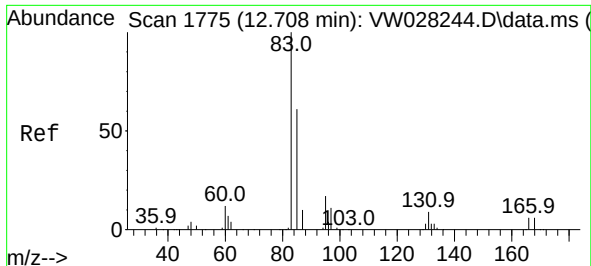
Tgt Ion:106 Resp: 132206
Ion Ratio Lower Upper
106 100
91 207.9 149.2 277.2



#55
Styrene
Concen: 22.978 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Tgt Ion:104 Resp: 209402
Ion Ratio Lower Upper
104 100
78 47.4 33.2 61.7

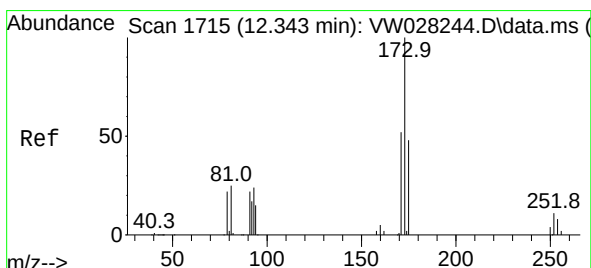
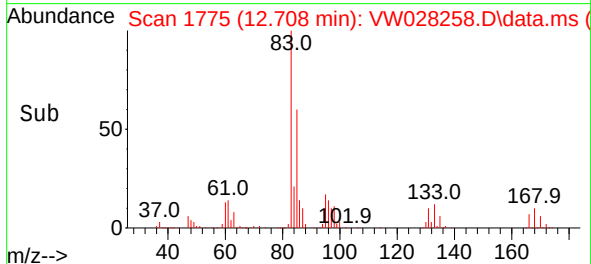
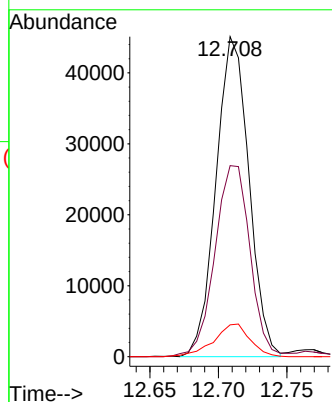
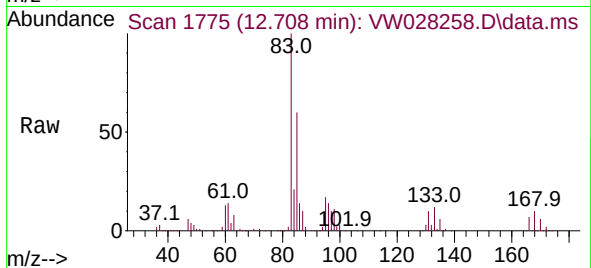




#57
1,1,2,2-Tetrachloroethane
Concen: 29.884 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

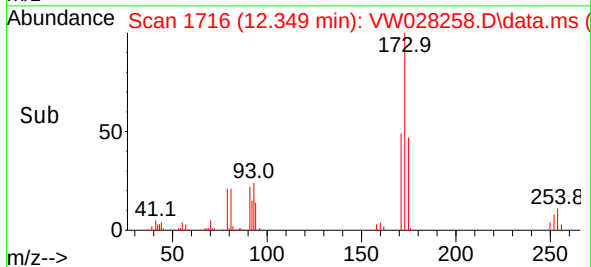
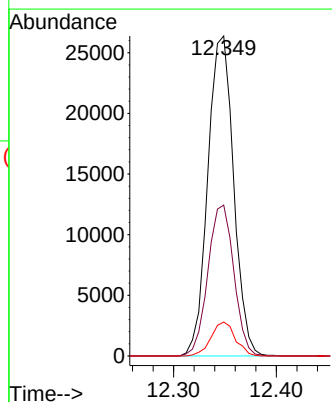
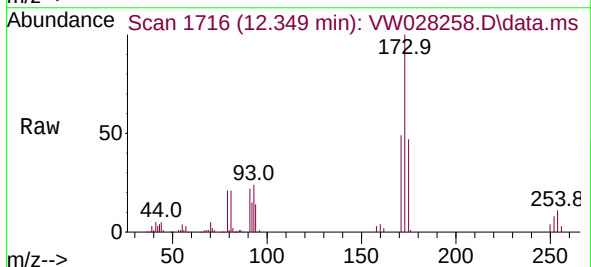
Instrument :
MSVOA_W
ClientSampleId :

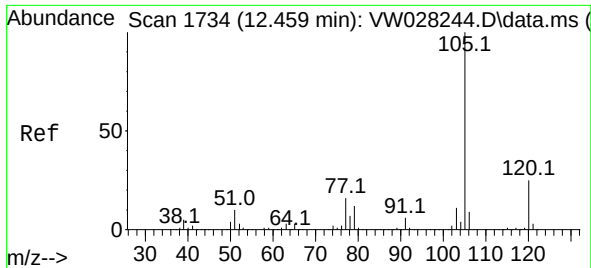
Tgt Ion:	83	Resp:	75380
Ion Ratio	Lower	Upper	
83	100		
85	59.7	47.0	87.2
131	9.9	8.9	13.3



#59
Bromoform
Concen: 47.651 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

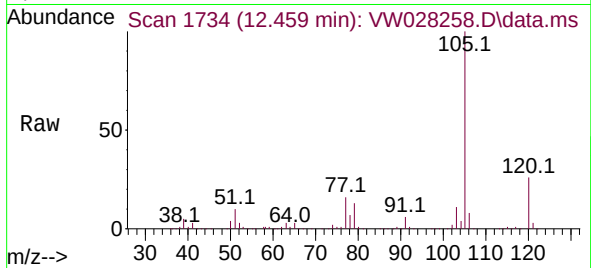
Tgt Ion:	173	Resp:	46105
Ion Ratio	Lower	Upper	
173	100		
175	47.3	39.8	59.6
254	10.0	8.5	12.7



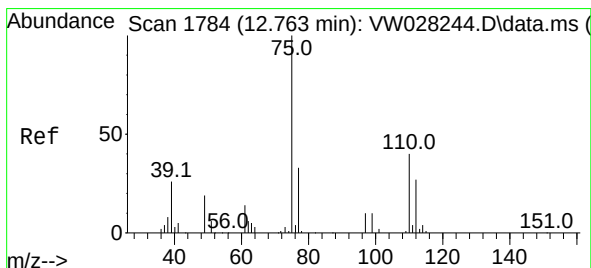
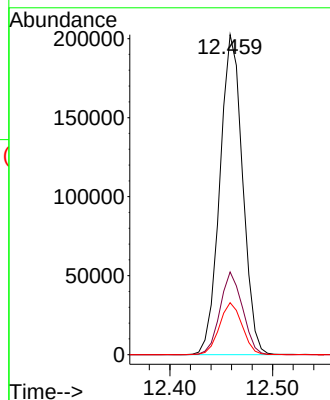
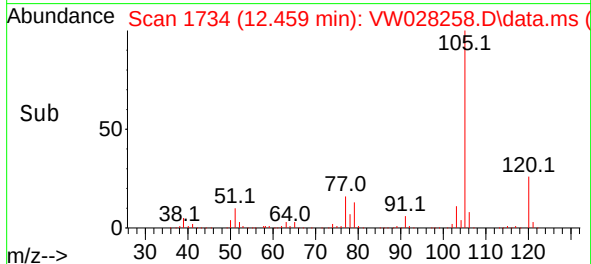


#60
Isopropylbenzene
Concen: 32.444 ug/L
RT: 12.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

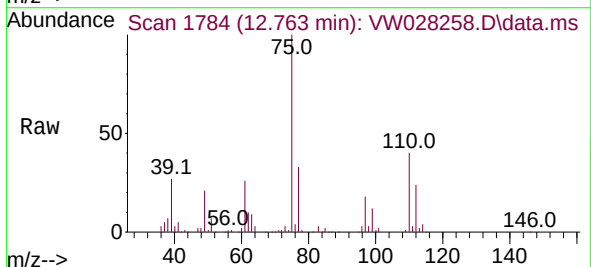
Instrument :
MSVOA_W
ClientSampleId :



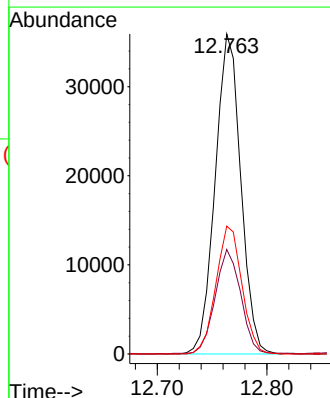
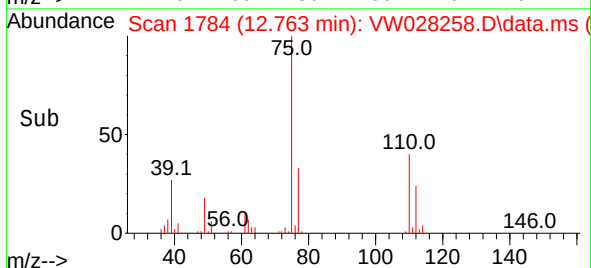
Tgt Ion:105 Resp: 311254
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.2 13.7 20.5

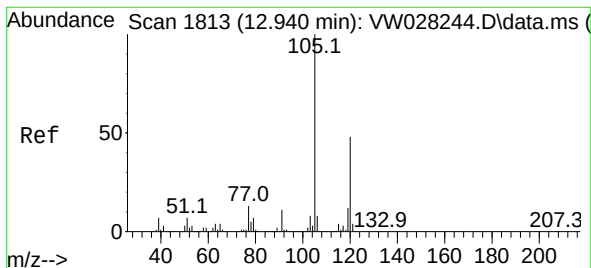


#61
1,2,3-Trichloropropane
Concen: 47.306 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12



Tgt Ion: 75 Resp: 58296
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 40.5 32.2 48.2

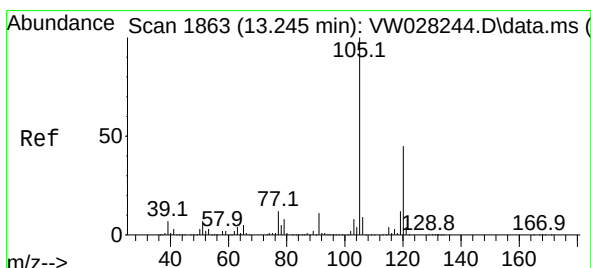
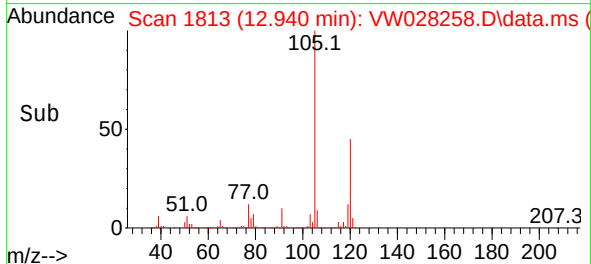
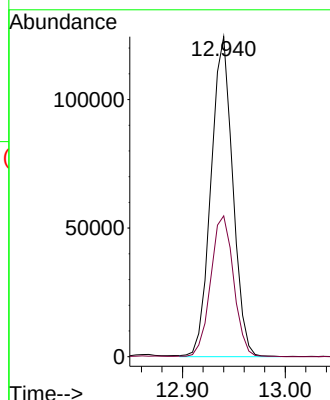
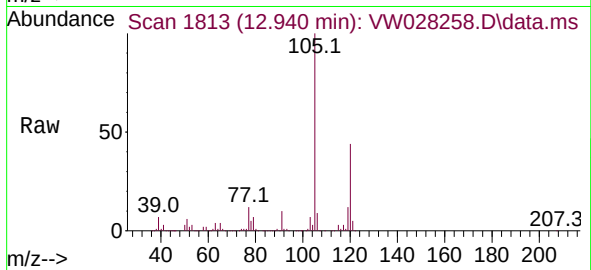




#62
1,3,5-Trimethylbenzene
Concen: 28.410 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

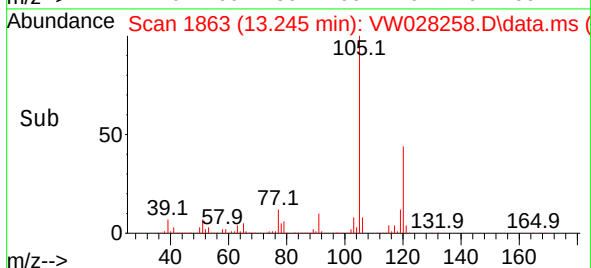
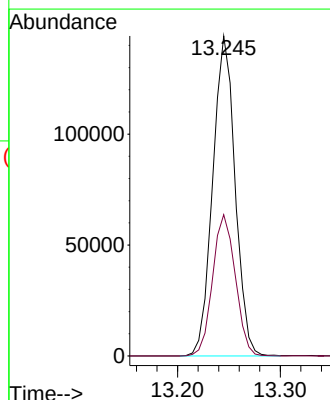
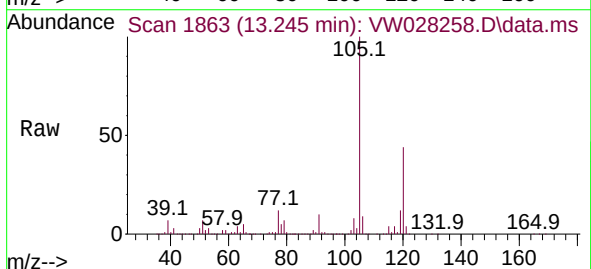
Instrument :
MSVOA_W
ClientSampleId :

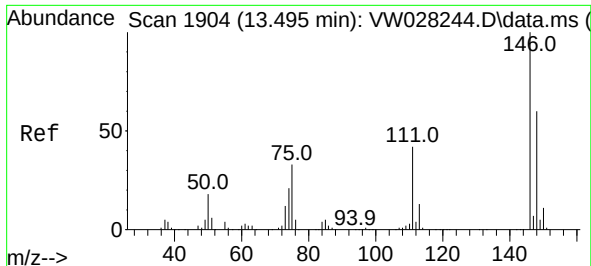
Tgt Ion:105 Resp: 182878
Ion Ratio Lower Upper
105 100
120 46.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 28.029 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

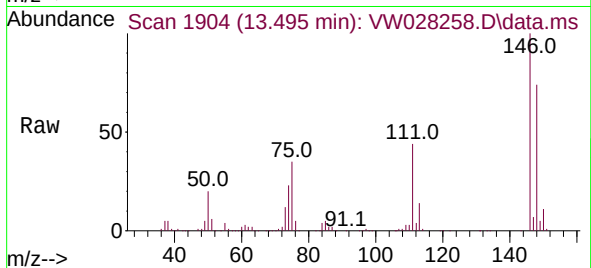
Tgt Ion:105 Resp: 217863
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4



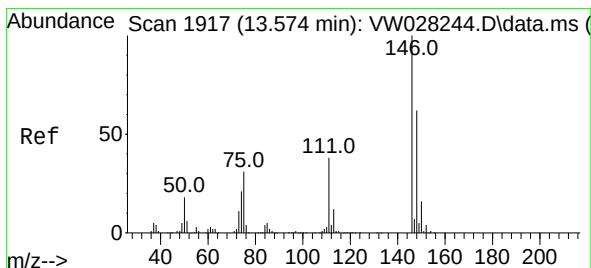
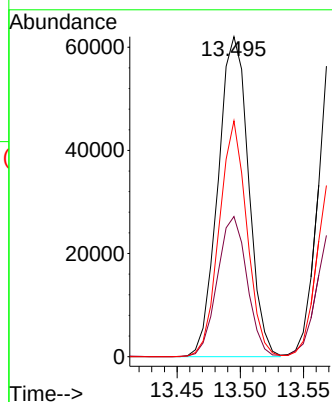
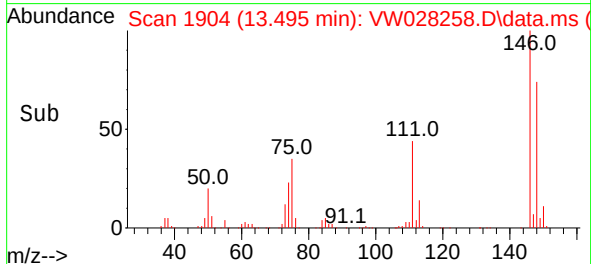


#64
1,3-Dichlorobenzene
Concen: 24.315 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Instrument :
MSVOA_W
ClientSampleId :

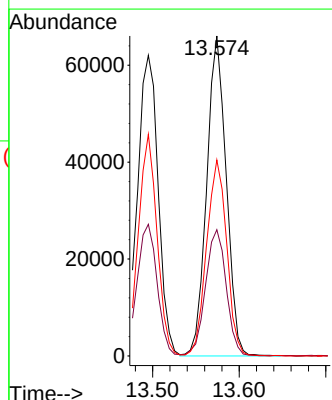
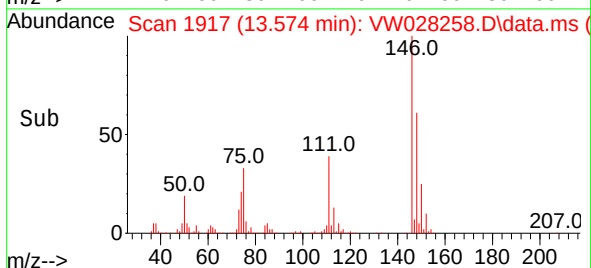
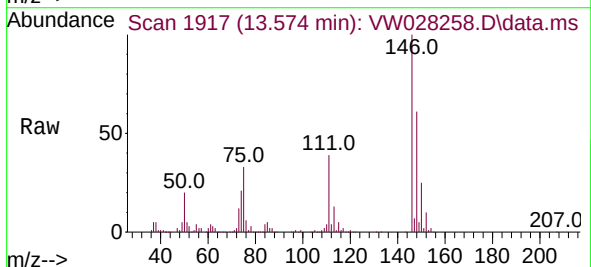


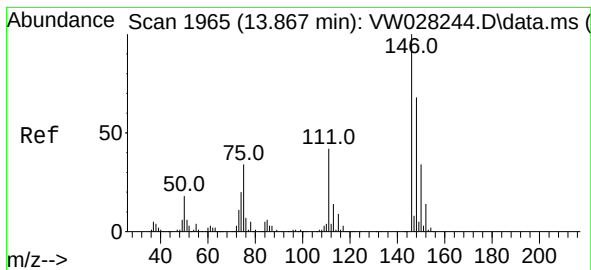
Tgt Ion:146 Resp: 104067
Ion Ratio Lower Upper
146 100
111 43.8 28.5 52.9
148 73.7 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 24.225 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028258.D
Acq: 27 Mar 2024 18:12

Tgt Ion:146 Resp: 103677
Ion Ratio Lower Upper
146 100
111 39.5 28.8 53.6
148 61.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 26.788 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

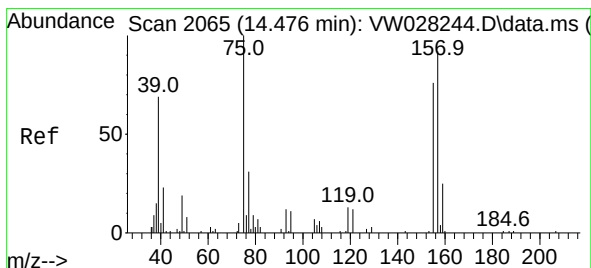
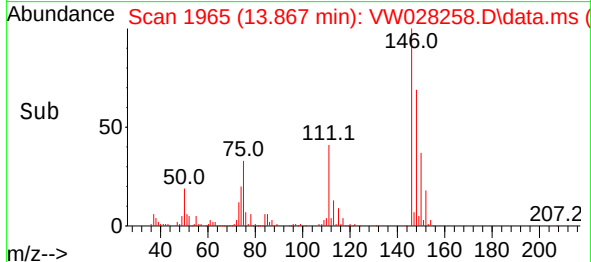
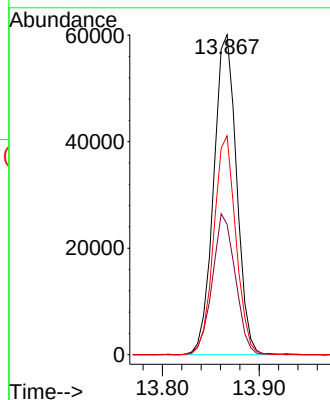
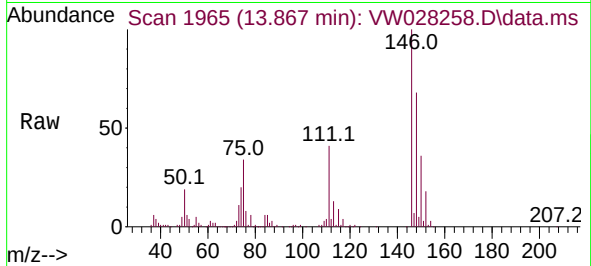
Tgt Ion:146 Resp: 98733

Ion Ratio Lower Upper

146 100

111 40.8 34.2 51.2

148 68.4 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 43.239 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

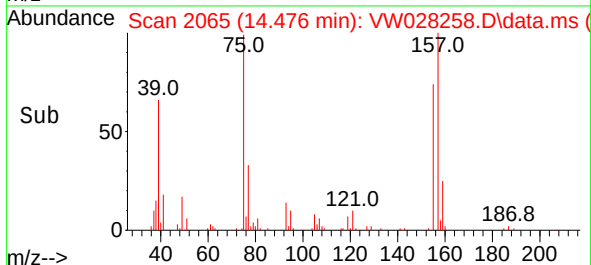
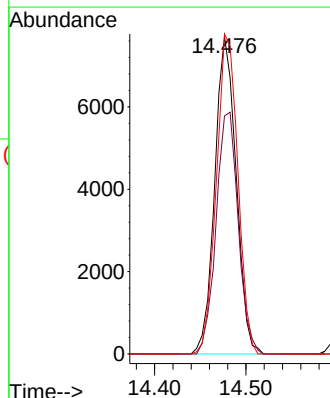
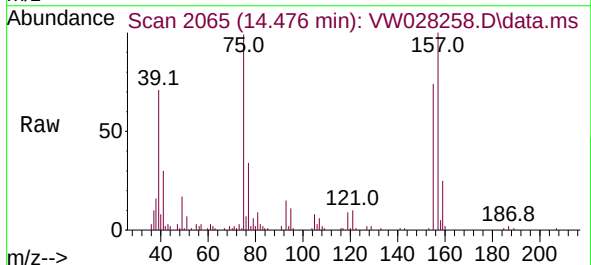
Tgt Ion: 75 Resp: 12517

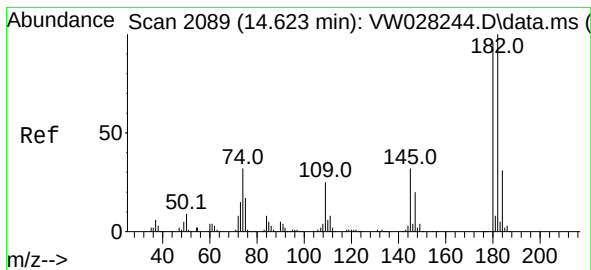
Ion Ratio Lower Upper

75 100

155 75.0 61.1 91.7

157 100.8 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 13.107 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 39077

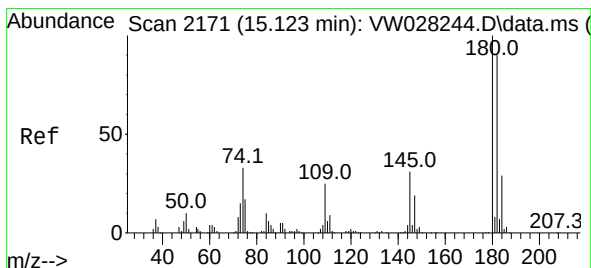
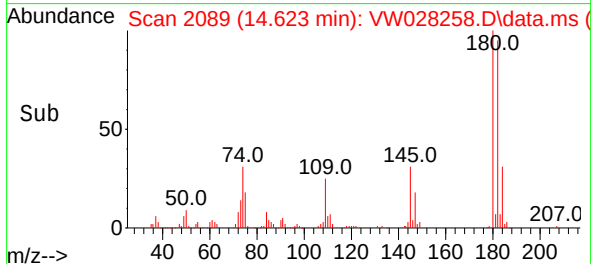
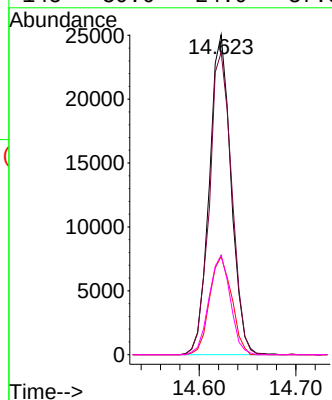
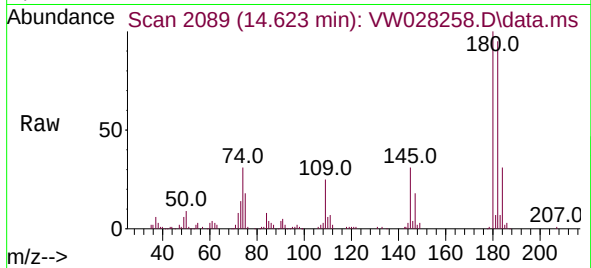
Ion Ratio Lower Upper

180 100

182 97.1 76.6 114.8

184 31.1 23.5 35.3

145 30.6 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 11.603 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

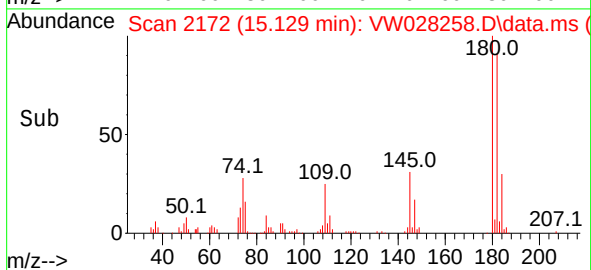
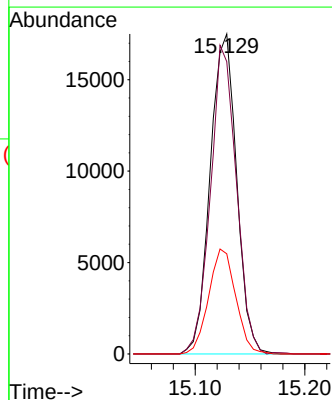
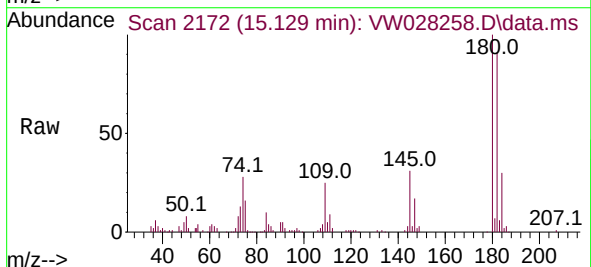
Tgt Ion:180 Resp: 29388

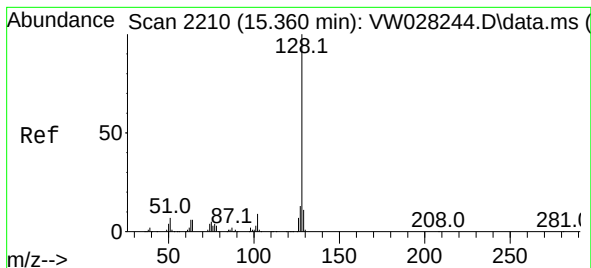
Ion Ratio Lower Upper

180 100

182 94.2 73.8 110.8

145 33.6 25.0 37.6





#71

Naphthalene

Concen: 20.610 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

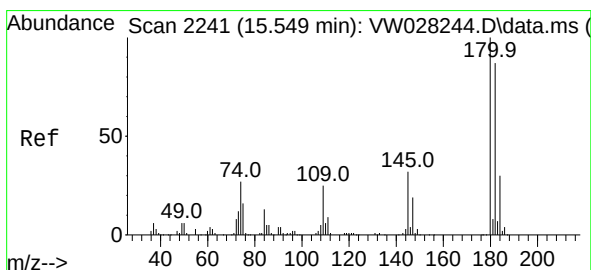
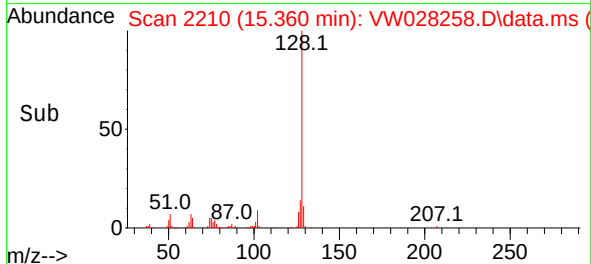
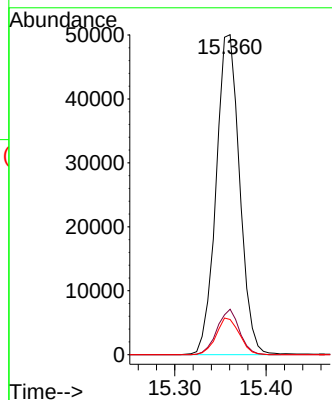
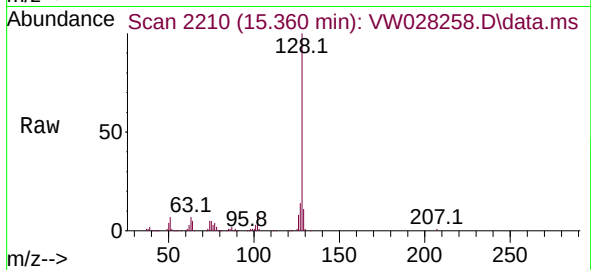
Tgt Ion:128 Resp: 89592

Ion Ratio Lower Upper

128 100

127 13.5 10.9 16.3

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 11.456 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028258.D

Acq: 27 Mar 2024 18:12

Tgt Ion:180 Resp: 23919

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 34.2 27.1 40.7

