

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
 Data File : VW028230.D
 Acq On : 22 Mar 2024 16:14
 Operator : SY/MD
 Sample : P1839-08MS
 Misc : 4.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 01:01:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 23 01:00:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259621	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	200091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	68886	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	59735	19.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
7) Chloroethane-d5	2.899	69	47561	22.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.021	65	41313	21.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.800%
21) 2-Butanone-d5	7.081	46	37848	42.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.480%
24) Chloroform-d	7.648	84	194267	25.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.307	65	105293	24.958	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.840%
32) Benzene-d6	8.276	84	361580	29.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.400%
36) 1,2-Dichloropropane-d6	9.270	67	106053	30.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.680%#
41) Toluene-d8	10.319	98	304636	27.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.160%
43) trans-1,3-Dichloroprop...	10.575	79	43542	27.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	31266	53.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66967	25.787	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	62824	25.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73327	19.470	ug/L #	88
3) Chloromethane	2.222	50	49499	18.531	ug/L	100
5) Vinyl chloride	2.375	62	62055	20.552	ug/L	96
6) Bromomethane	2.789	94	38854	21.607	ug/L	91
8) Chloroethane	2.936	64	35675	21.982	ug/L	99
9) Trichlorofluoromethane	3.271	101	86762	23.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	69508	19.166	ug/L	99
12) 1,1-Dichloroethene	4.045	96	75113	22.405	ug/L	89
13) Acetone	4.131	43	40213	40.424	ug/L	99
14) Carbon disulfide	4.387	76	198417	18.976	ug/L	98
15) Methyl Acetate	4.673	43	27100	17.686	ug/L	97
16) Methylene chloride	4.923	84	83307	21.083	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	80493	22.592	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	126516	23.536	ug/L	99
19) 1,1-Dichloroethane	6.216	63	159800	23.168	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	88873	23.096	ug/L	96
22) 2-Butanone	7.173	43	44181	39.117	ug/L	96
23) Bromochloromethane	7.514	128	38421	22.585	ug/L	92
25) Chloroform	7.679	83	165104	23.251	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

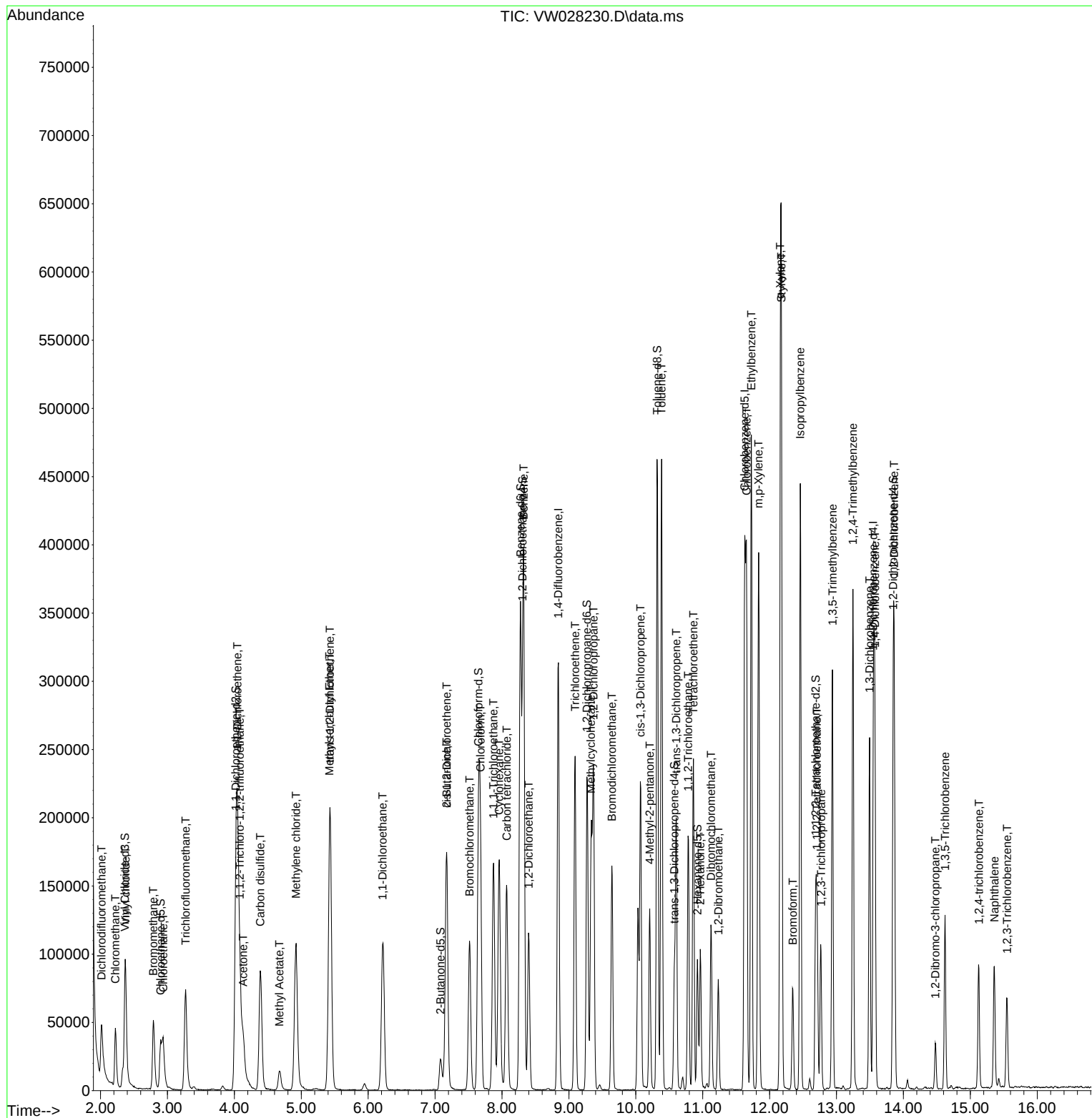
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108014	21.540	ug/L	98
29) Cyclohexane	7.959	56	96921	18.571	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	134108	25.568	ug/L	98
31) Carbon tetrachloride	8.069	117	119231	24.235	ug/L	97
33) Benzene	8.325	78	328136	26.650	ug/L	100
34) Trichloroethene	9.093	95	85271	24.823	ug/L	96
35) Methylcyclohexane	9.331	83	73714	12.695	ug/L	99
37) 1,2-Dichloropropane	9.367	63	84105	26.706	ug/L	100
38) Bromodichloromethane	9.642	83	111296	26.212	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	132454	26.262	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	84859	48.815	ug/L	98
42) Toluene	10.386	91	326181	24.273	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	107477	25.240	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58330	25.635	ug/L	95
46) Tetrachloroethene	10.861	164	52628	19.006	ug/L	96
48) 2-Hexanone	10.965	43	63984	46.987	ug/L	97
49) Dibromochloromethane	11.123	129	64400	23.898	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52468	24.115	ug/L	96
51) Chlorobenzene	11.654	112	193517	22.688	ug/L	95
52) Ethylbenzene	11.727	91	330729	21.083	ug/L	100
53) m,p-Xylene	11.837	106	118380	20.054	ug/L	98
54) o-Xylene	12.160	106	114661	20.946	ug/L	90
55) Styrene	12.178	104	197378	20.991	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	57199	21.977	ug/L	95
59) Bromoform	12.349	173	34438	33.363	ug/L	97
60) Isopropylbenzene	12.458	105	278466	27.208	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	44697	33.998	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	159375	23.208	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	191621	23.109	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	99626	21.819	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	101073	22.137	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	88528	22.514	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8663	28.051	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	37370	11.750	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	28169	10.425	ug/L	97
71) Naphthalene	15.360	128	76824	16.565	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	22231	9.980	ug/L	98

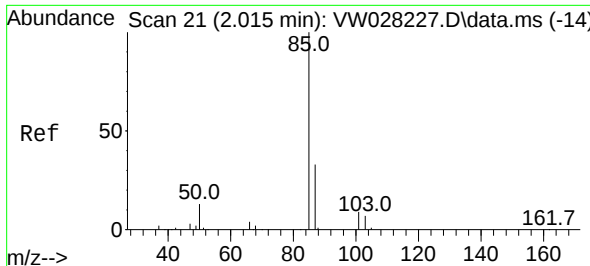
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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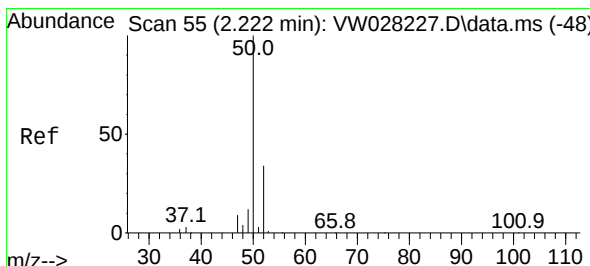
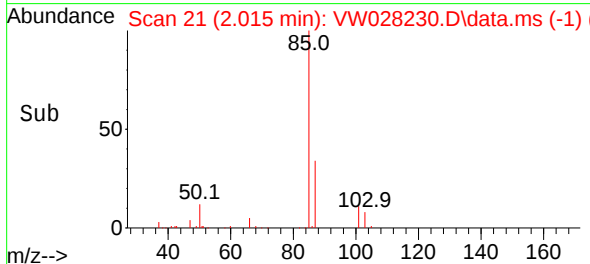
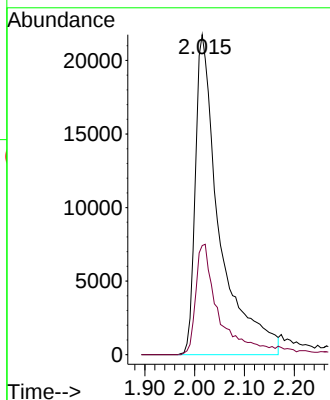
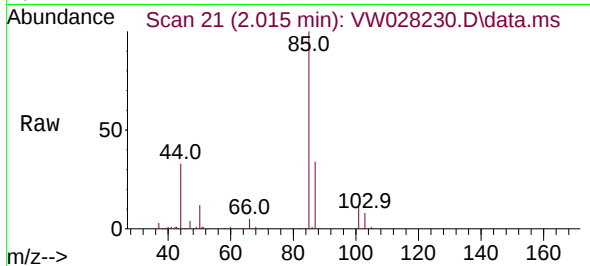




#2
 Dichlorodifluoromethane
 Concen: 19.470 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028230.D
 Acq: 22 Mar 2024 16:14

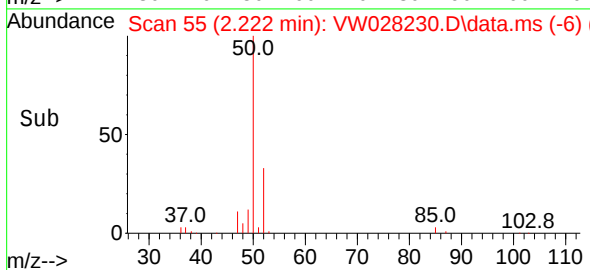
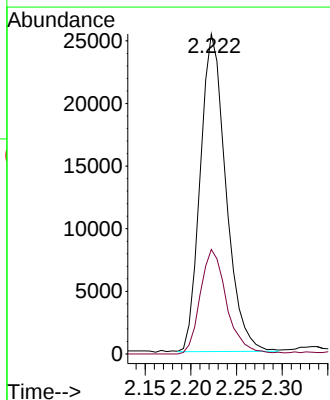
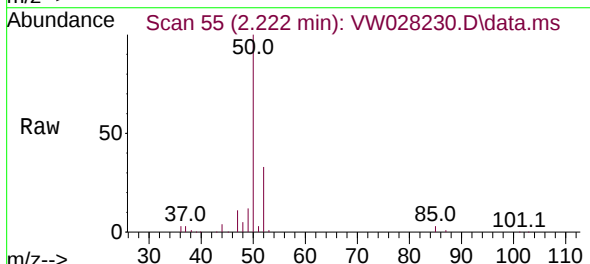
Instrument :
 MSVOA_W
 ClientSampleId :

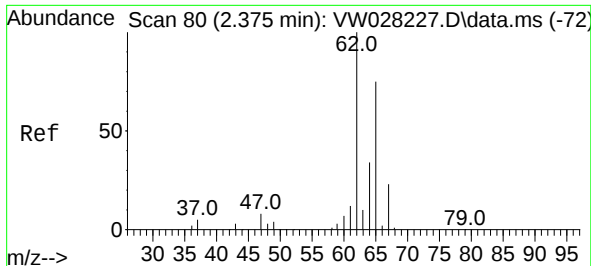
Tgt Ion: 85 Resp: 73327
 Ion Ratio Lower Upper
 85 100
 87 32.5 20.9 31.3#



#3
 Chloromethane
 Concen: 18.531 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028230.D
 Acq: 22 Mar 2024 16:14

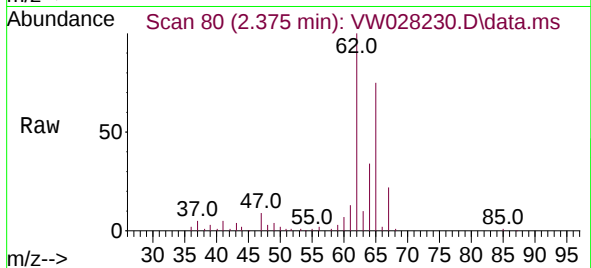
Tgt Ion: 50 Resp: 49499
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1



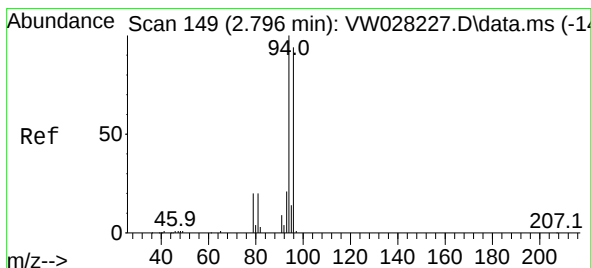
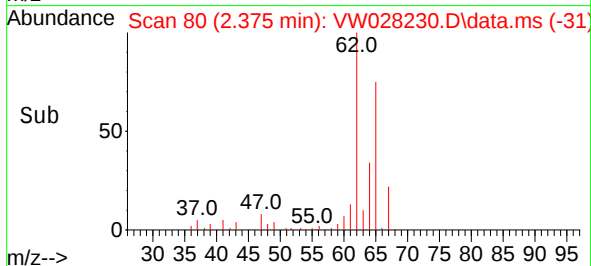
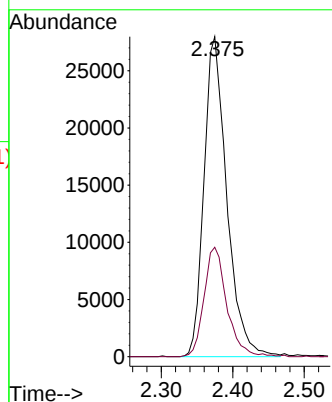


#5
 Vinyl chloride
 Concen: 20.552 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028230.D
 Acq: 22 Mar 2024 16:14

Instrument :
 MSVOA_W
 ClientSampleId :

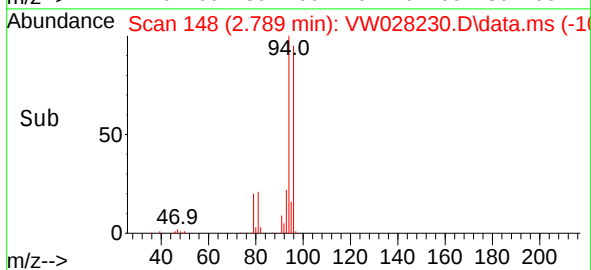
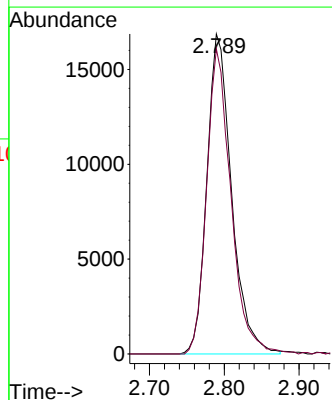
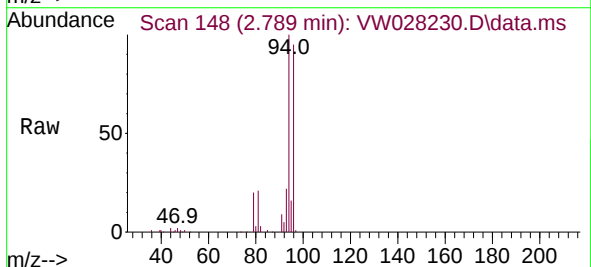


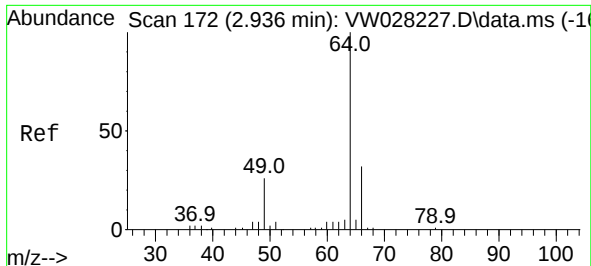
Tgt Ion: 62 Resp: 62055
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.5 41.7



#6
 Bromomethane
 Concen: 21.607 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028230.D
 Acq: 22 Mar 2024 16:14

Tgt Ion: 94 Resp: 38854
 Ion Ratio Lower Upper
 94 100
 96 95.3 60.8 113.0

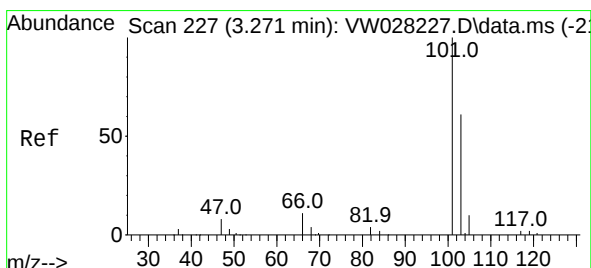
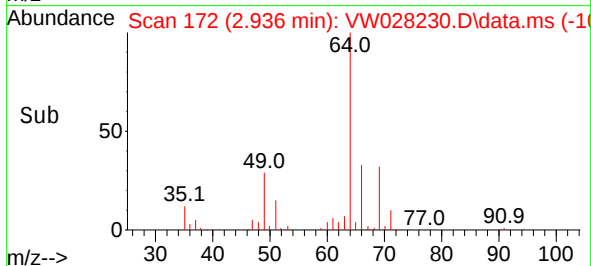
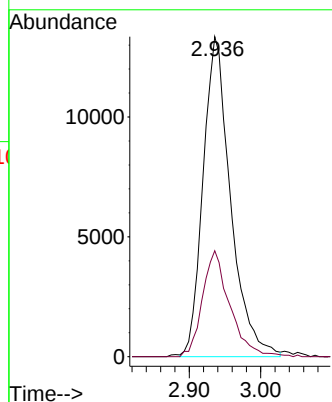
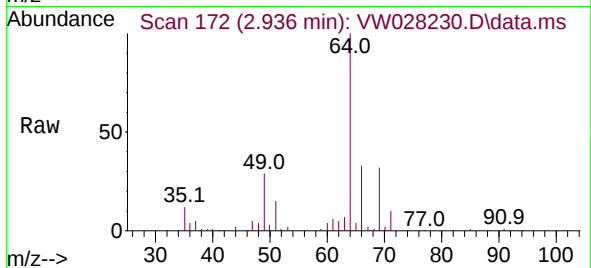




#8
Chloroethane
Concen: 21.982 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

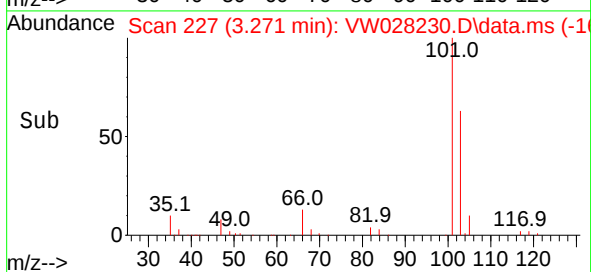
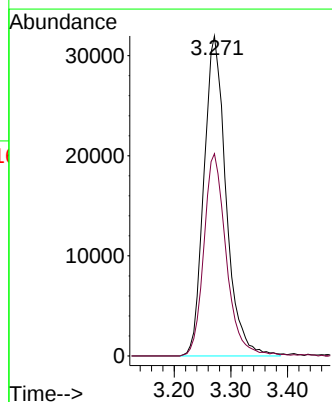
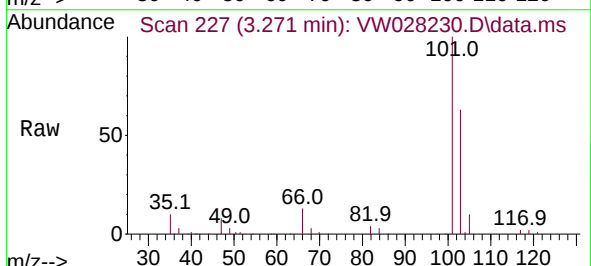
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MSVOA_W
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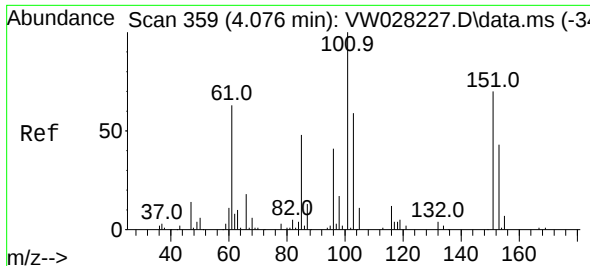
Tgt Ion: 64 Resp: 35675
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.766 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion:101 Resp: 86762
Ion Ratio Lower Upper
101 100
103 63.0 50.9 76.3





#10

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

Concen: 19.166 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

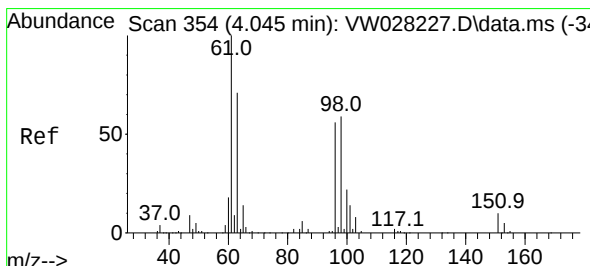
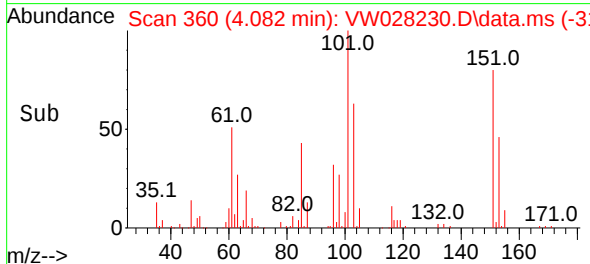
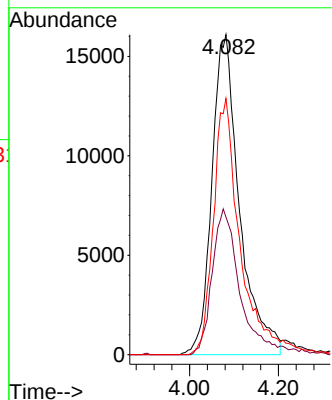
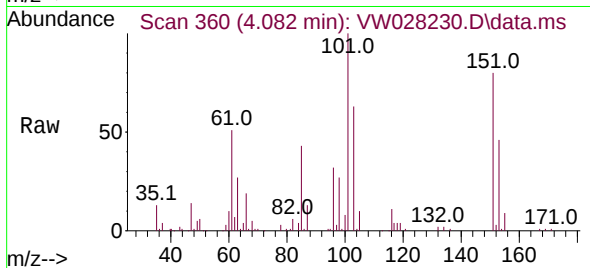
Tgt Ion:101 Resp: 69508

Ion Ratio Lower Upper

101 100

85 44.8 36.4 54.6

151 72.3 58.4 87.6



#12

1,1-Dichloroethene

Concen: 22.405 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

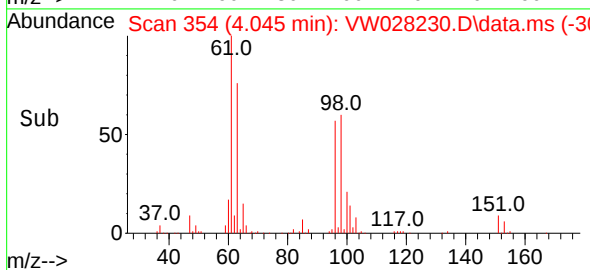
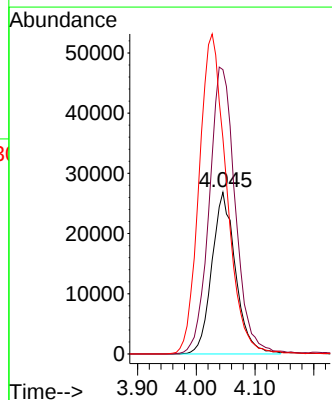
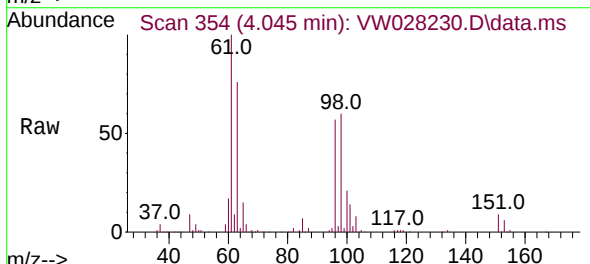
Tgt Ion: 96 Resp: 75113

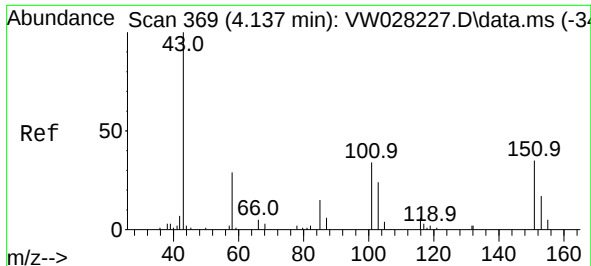
Ion Ratio Lower Upper

96 100

61 175.8 132.2 245.4

63 133.4 104.6 194.2

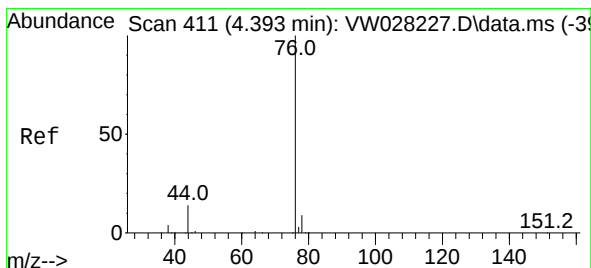
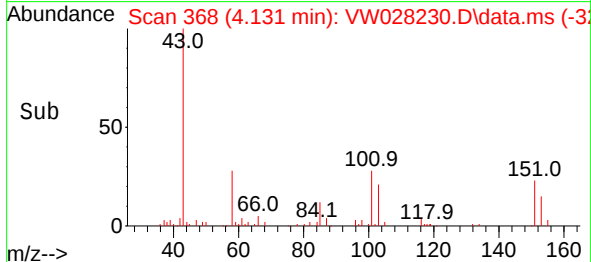
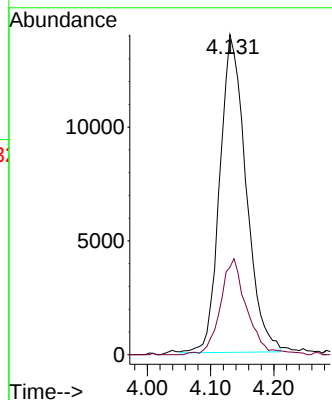
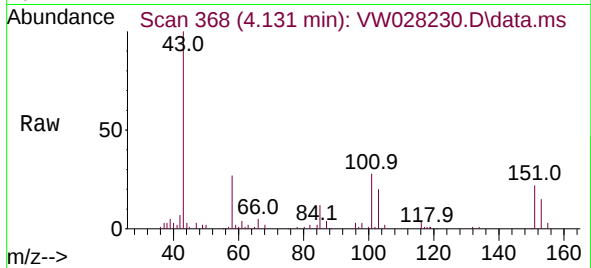




#13
Acetone
Concen: 40.424 ug/L
RT: 4.131 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

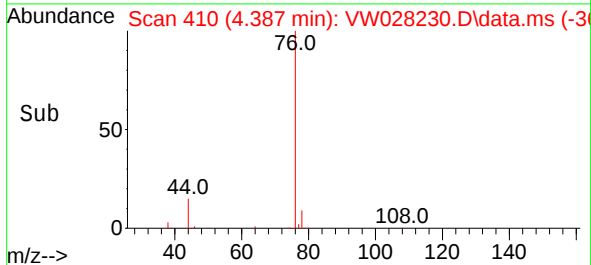
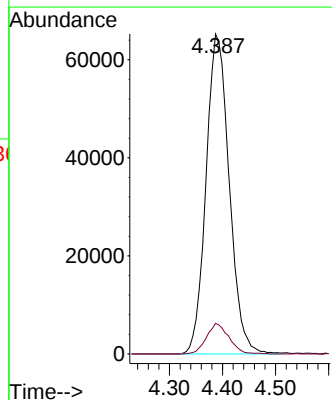
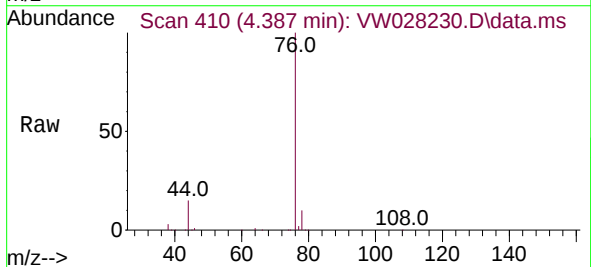
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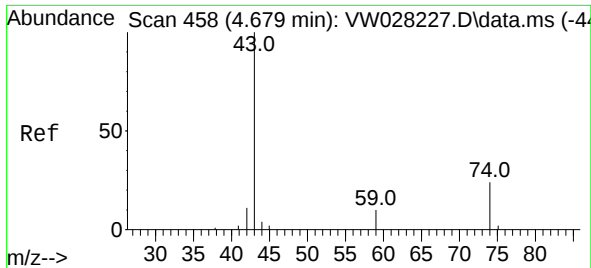
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Ion Ratio Lower Upper
43 100
58 28.3 0.0 57.8



#14
Carbon disulfide
Concen: 18.976 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 198417
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

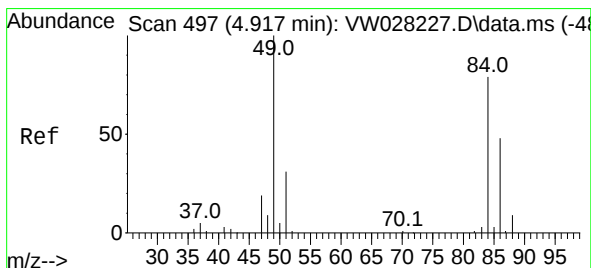
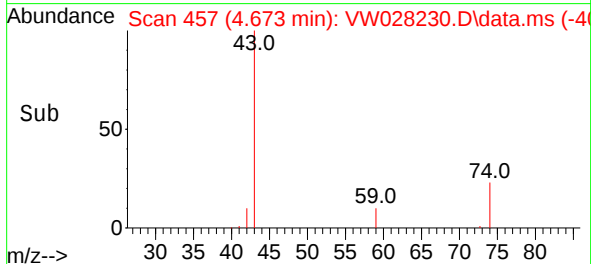
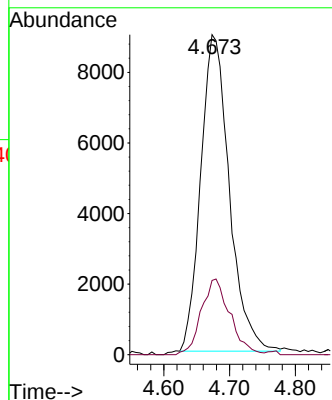
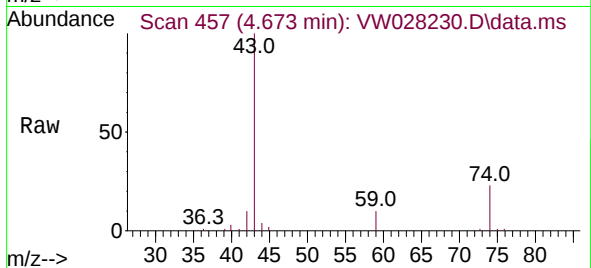




#15
Methyl Acetate
Concen: 17.686 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

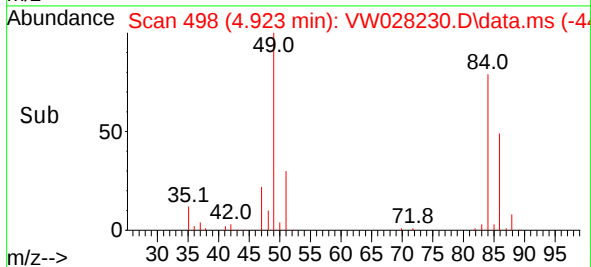
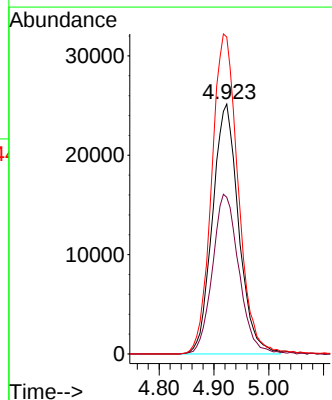
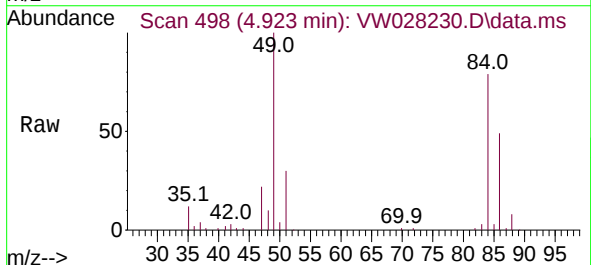
Instrument :
MSVOA_W
ClientSampleId :

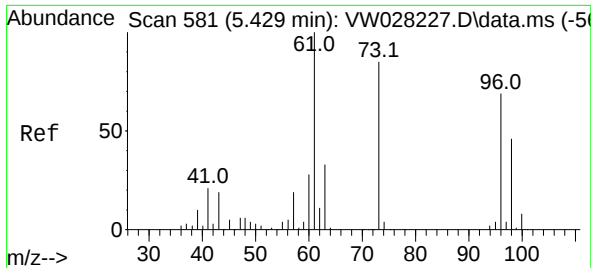
Tgt Ion: 43 Resp: 27100
Ion Ratio Lower Upper
43 100
74 23.9 18.2 27.2



#16
Methylene chloride
Concen: 21.083 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion: 84 Resp: 83307
Ion Ratio Lower Upper
84 100
86 62.7 43.1 80.1
49 126.8 89.4 166.0

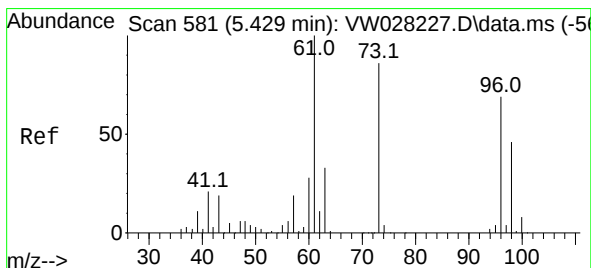
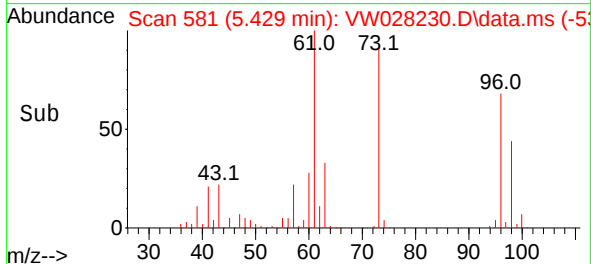
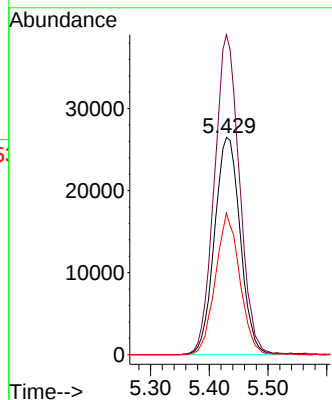
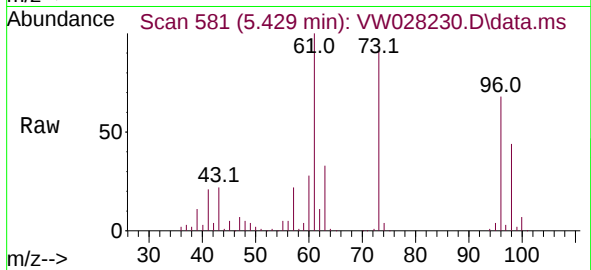




#17
trans-1,2-Dichloroethene
Concen: 22.592 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

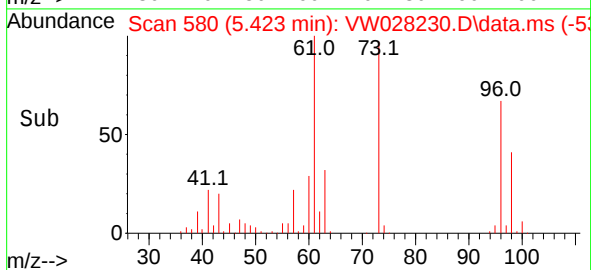
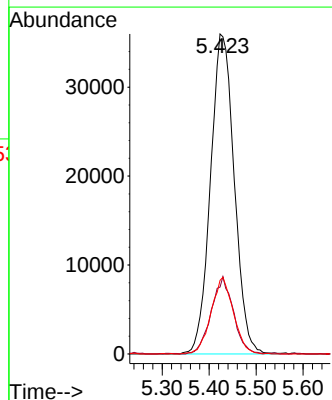
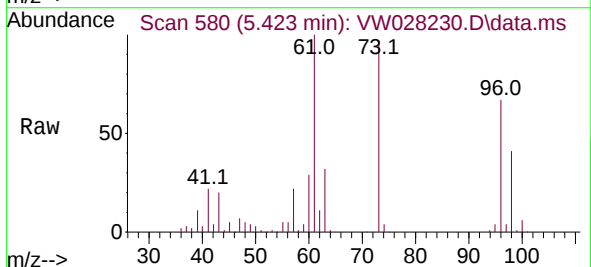
Instrument :
MSVOA_W
ClientSampleId :

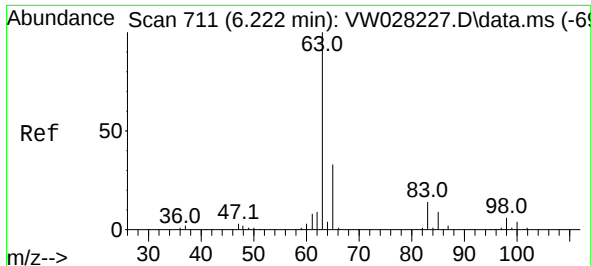
Tgt Ion: 96 Resp: 80493
Ion Ratio Lower Upper
96 100
61 147.3 98.4 182.8
98 65.2 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 23.536 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion: 73 Resp: 126516
Ion Ratio Lower Upper
73 100
43 22.4 18.2 27.4
57 22.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 23.168 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

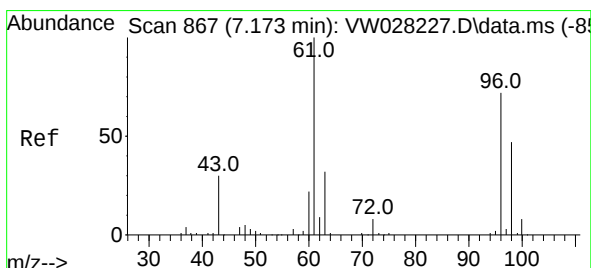
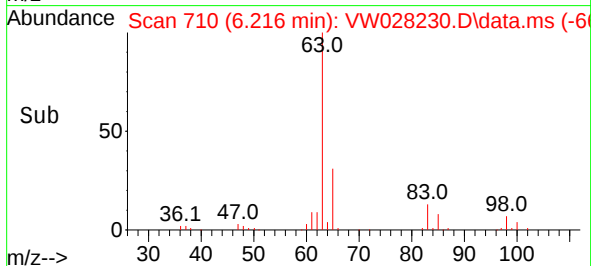
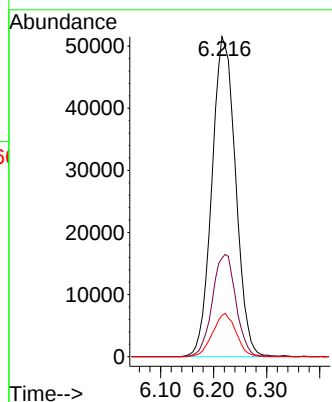
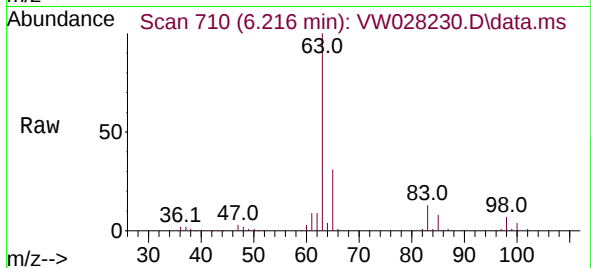
Tgt Ion: 63 Resp: 159800

Ion Ratio Lower Upper

63 100

65 30.8 22.1 41.1

83 12.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.096 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

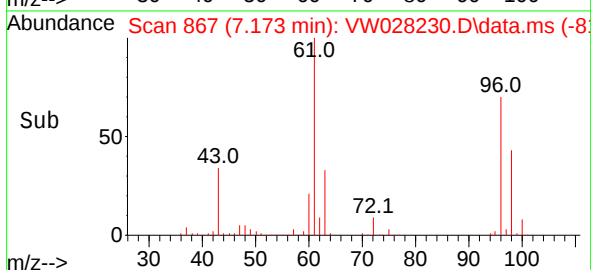
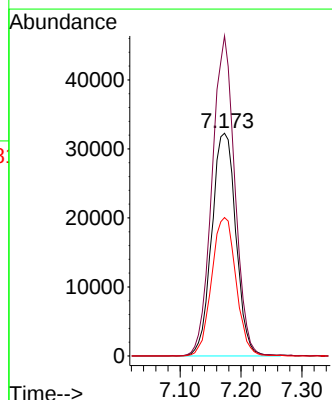
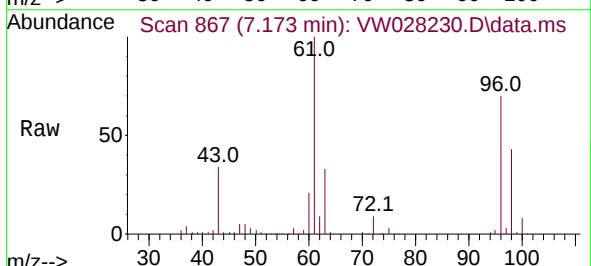
Tgt Ion: 96 Resp: 88873

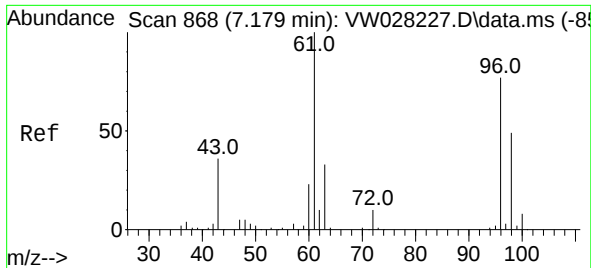
Ion Ratio Lower Upper

96 100

61 143.7 95.7 177.7

98 62.2 43.9 81.5





#22

2-Butanone

Concen: 39.117 ug/L

RT: 7.173 min Scan# 868

Delta R.T. -0.006 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

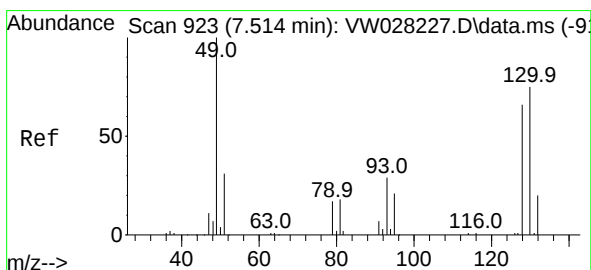
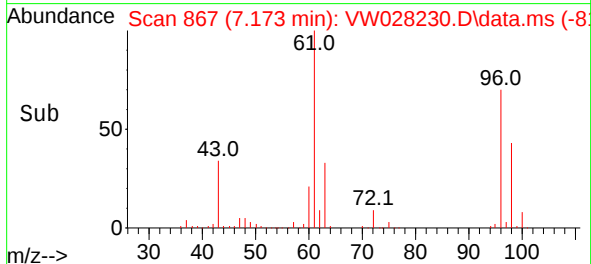
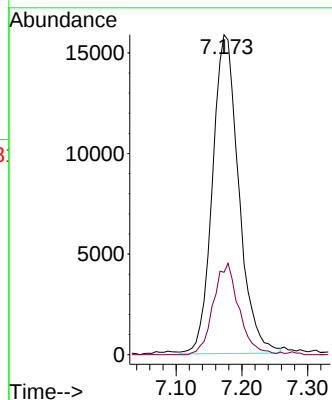
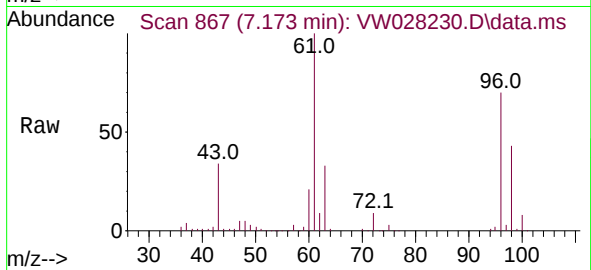
ClientSampleId :

Tgt Ion: 43 Resp: 44181

Ion Ratio Lower Upper

43 100

72 27.8 12.8 38.4



#23

Bromochloromethane

Concen: 22.585 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Tgt Ion: 128 Resp: 38421

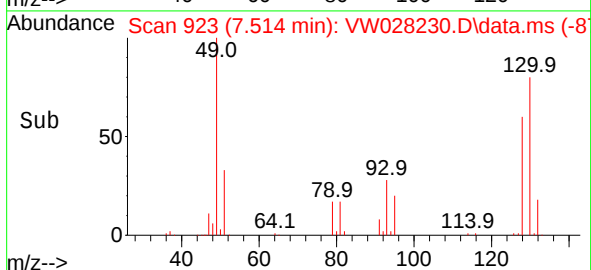
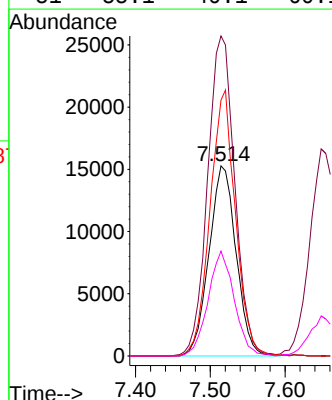
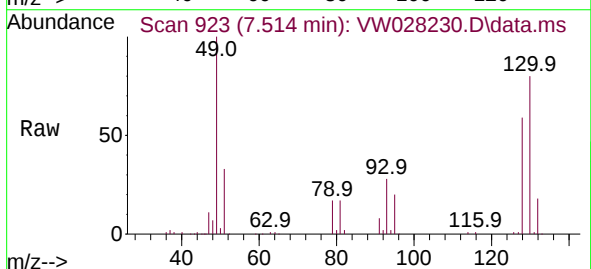
Ion Ratio Lower Upper

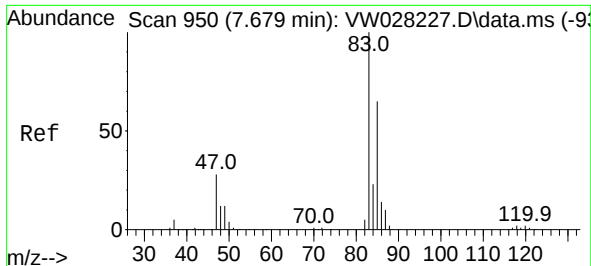
128 100

49 168.4 116.6 216.6

130 134.6 80.1 148.7

51 55.1 40.1 60.1





#25

Chloroform

Concen: 23.251 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

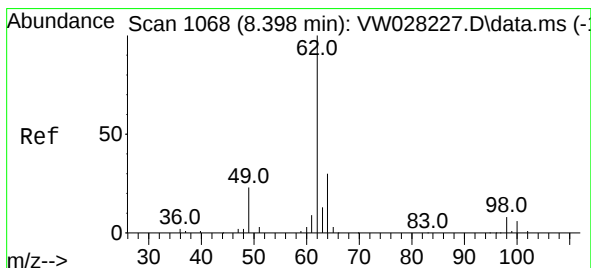
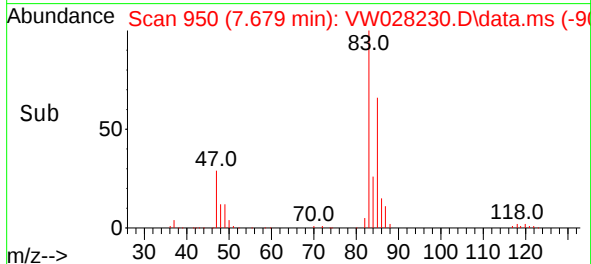
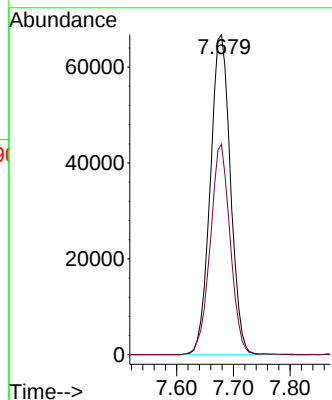
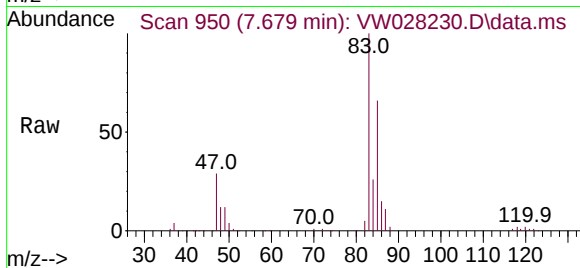
ClientSampleId :

Tgt Ion: 83 Resp: 165104

Ion Ratio Lower Upper

83 100

85 65.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 21.540 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028230.D

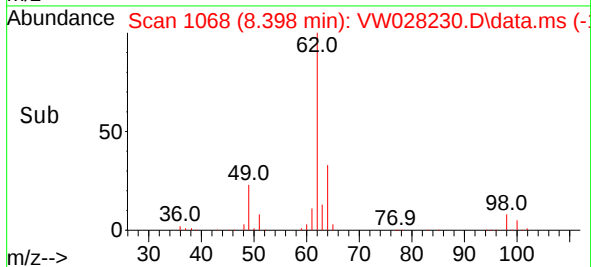
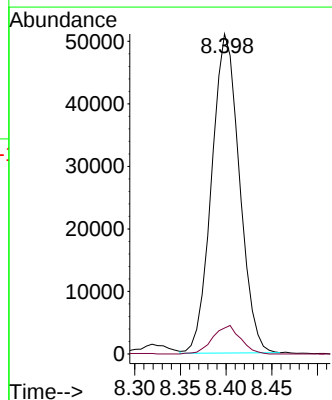
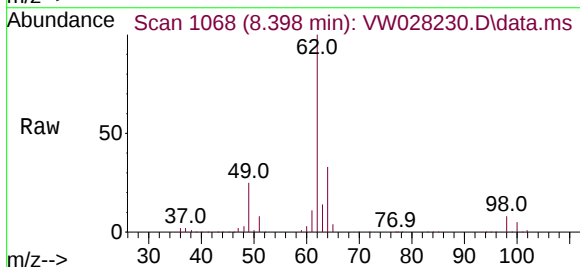
Acq: 22 Mar 2024 16:14

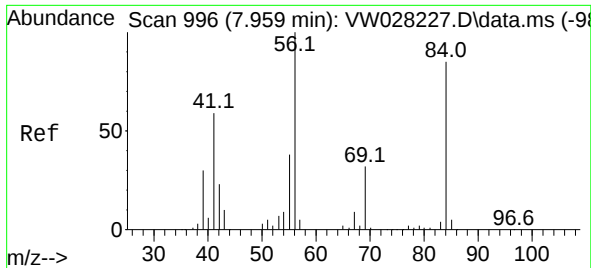
Tgt Ion: 62 Resp: 108014

Ion Ratio Lower Upper

62 100

98 8.1 5.9 8.9





#29

Cyclohexane

Concen: 18.571 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

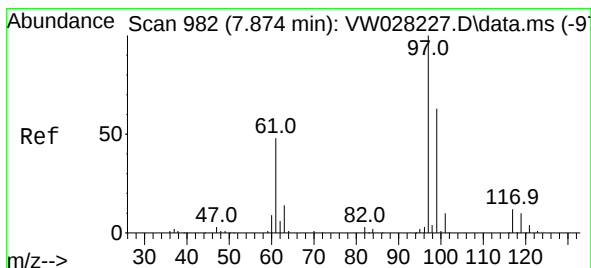
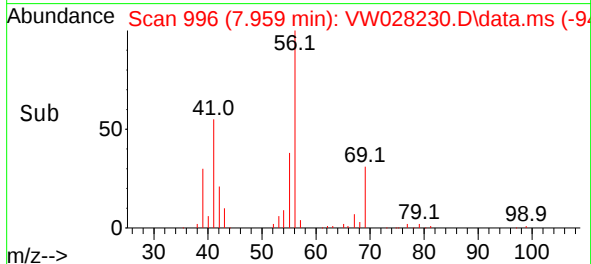
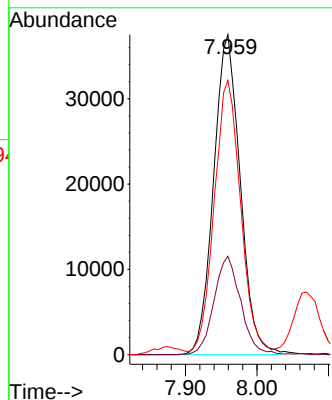
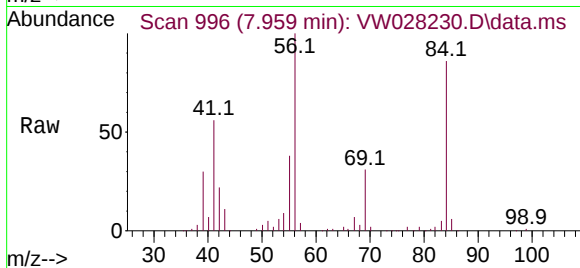
Tgt Ion: 56 Resp: 96921

Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 85.4 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 25.568 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

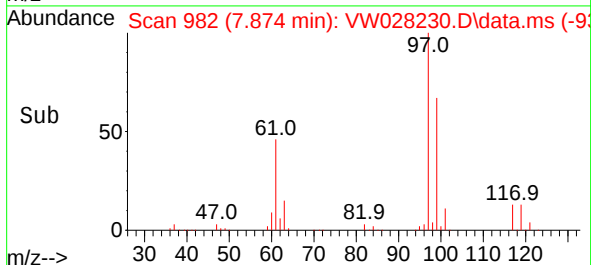
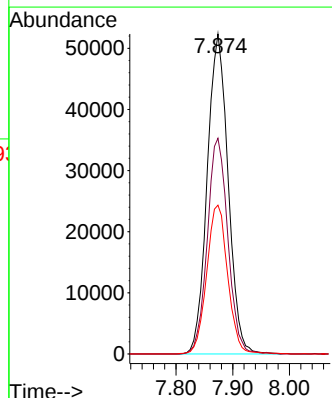
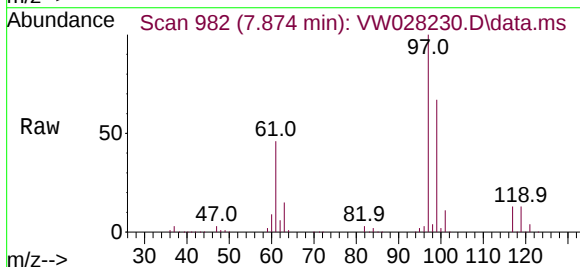
Tgt Ion: 97 Resp: 134108

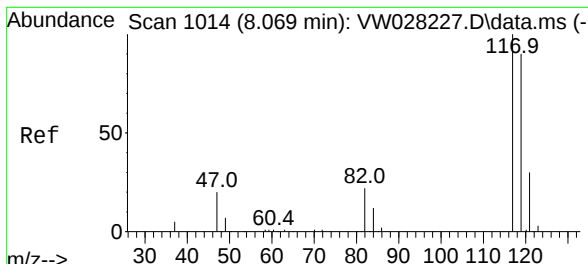
Ion Ratio Lower Upper

97 100

99 66.2 51.3 76.9

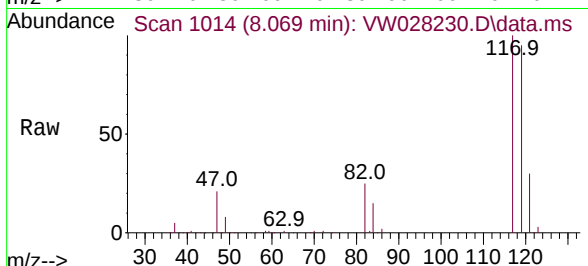
61 46.6 37.0 55.6



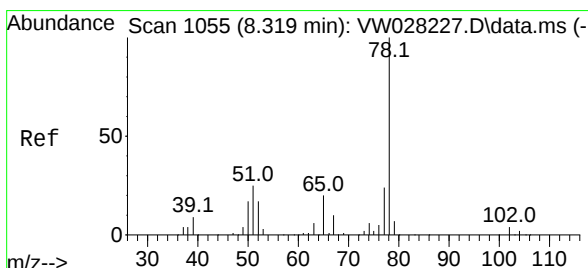
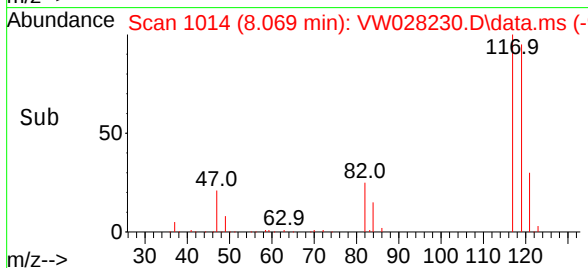
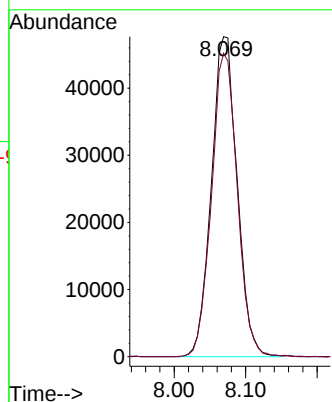


#31
Carbon tetrachloride
Concen: 24.235 ug/L
RT: 8.069 min Scan# 119231
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

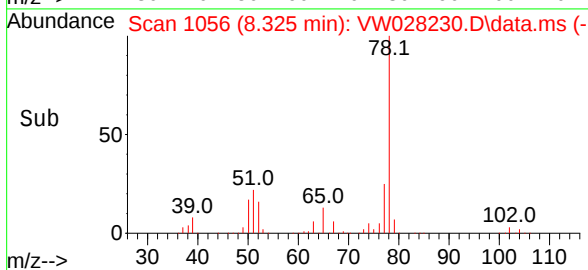
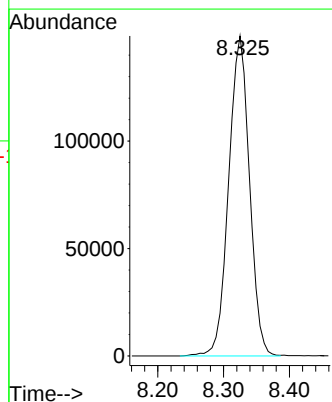
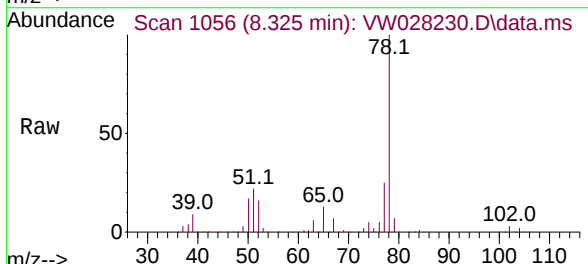


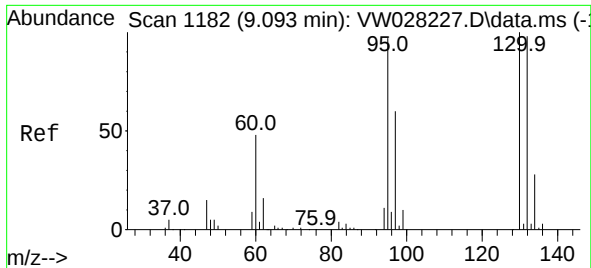
Tgt Ion:117 Resp: 119231
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4



#33
Benzene
Concen: 26.650 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion: 78 Resp: 328136

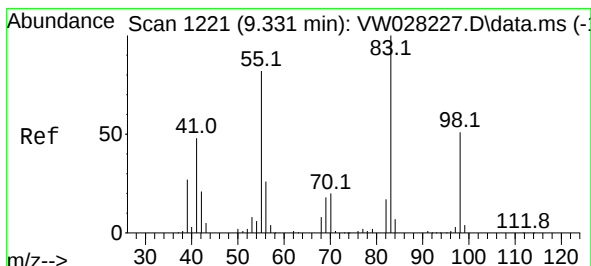
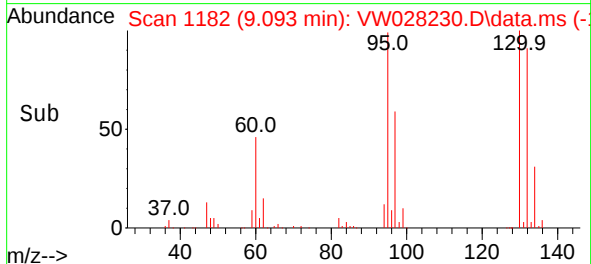
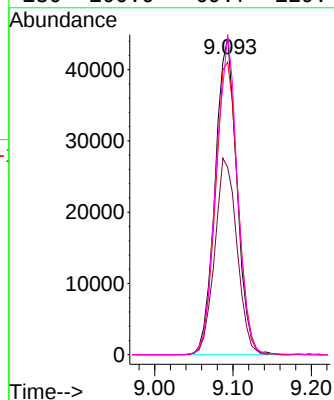
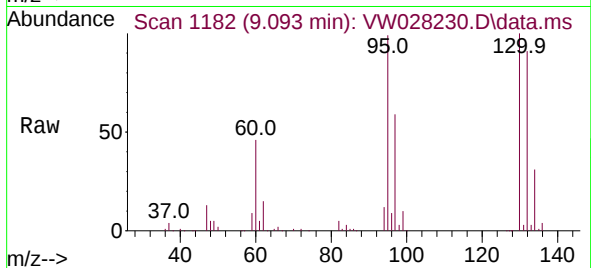




#34
Trichloroethene
Concen: 24.823 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

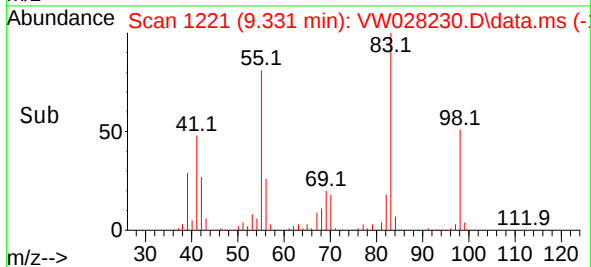
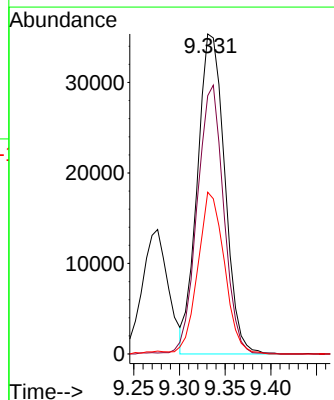
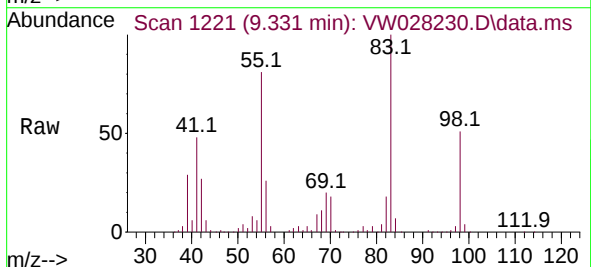
Instrument :
MSVOA_W
ClientSampleId :

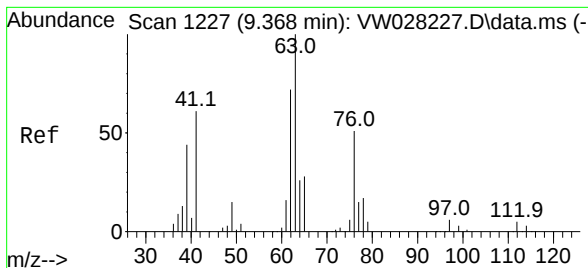
Tgt Ion: 95 Resp: 85271
Ion Ratio Lower Upper
95 100
97 59.1 42.4 78.6
132 92.3 69.4 128.8
130 100.9 69.7 129.4



#35
Methylcyclohexane
Concen: 12.695 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion: 83 Resp: 73714
Ion Ratio Lower Upper
83 100
55 81.1 64.2 96.4
98 49.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.706 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

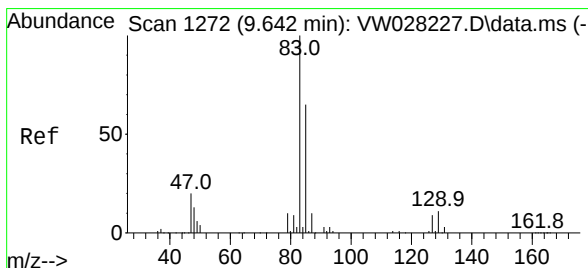
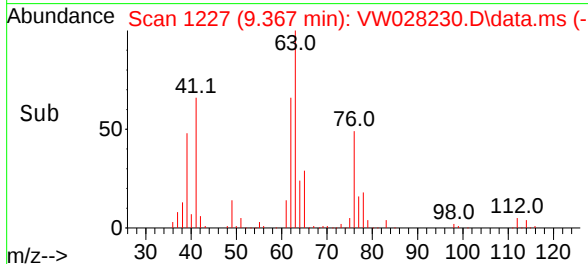
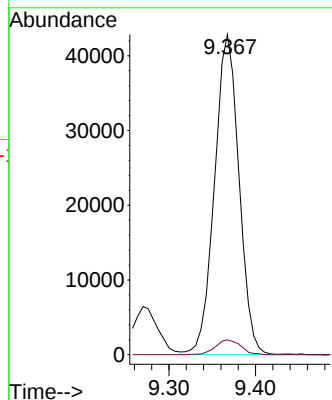
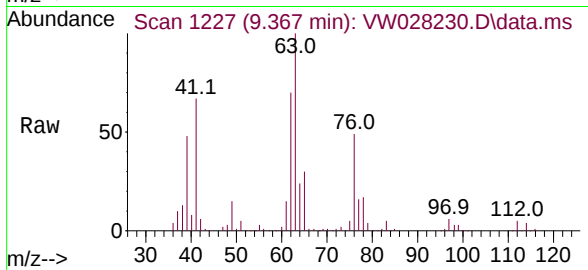
ClientSampleId :

Tgt Ion: 63 Resp: 84105

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 26.212 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

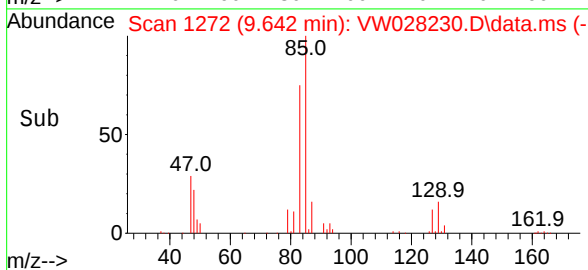
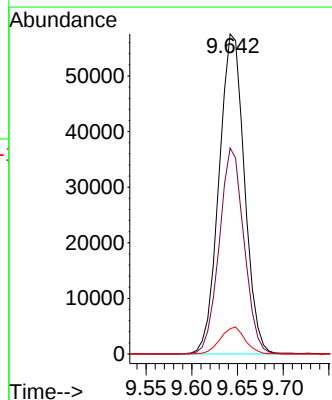
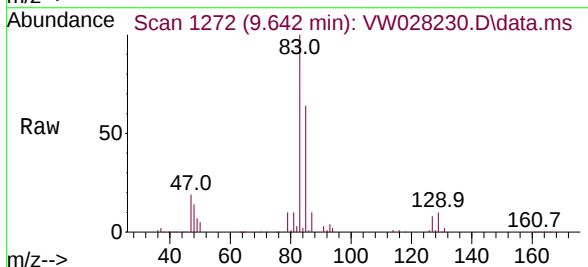
Tgt Ion: 83 Resp: 111296

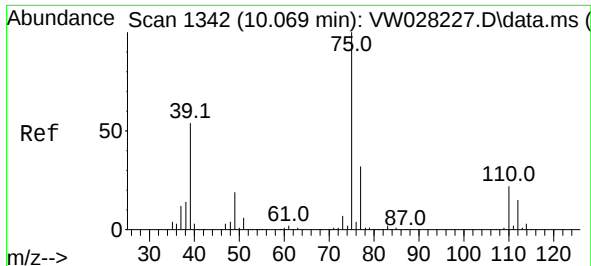
Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2

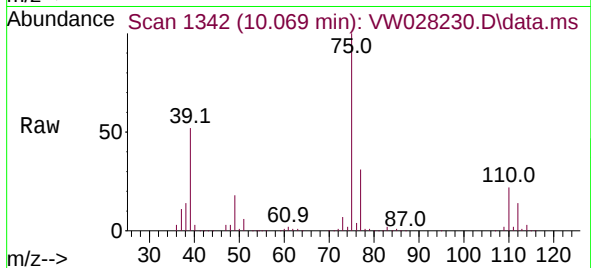
127 7.9 6.5 9.7



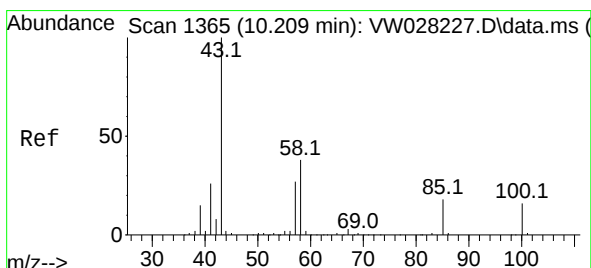
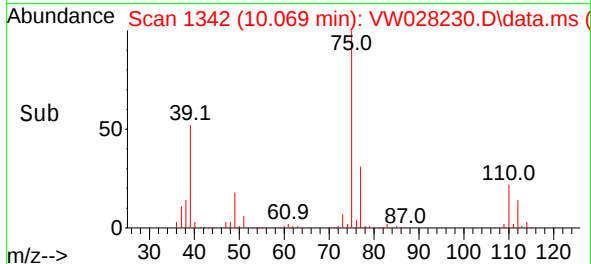
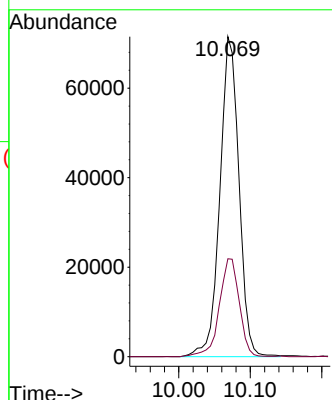


#39
cis-1,3-Dichloropropene
Concen: 26.262 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

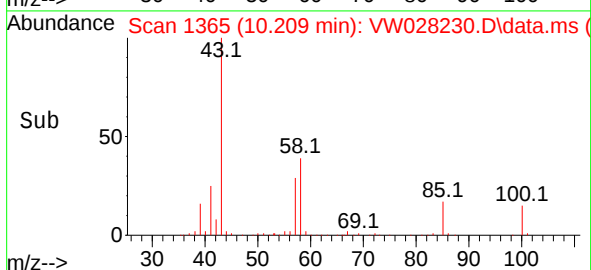
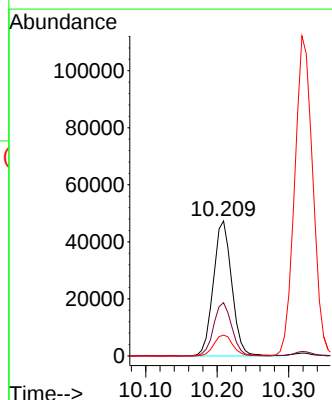
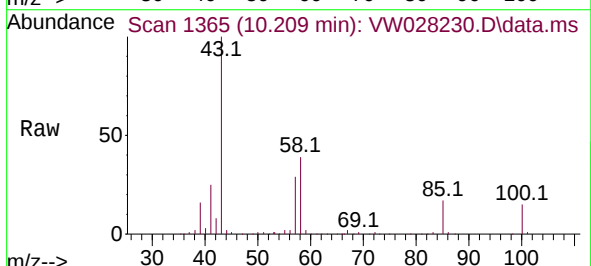


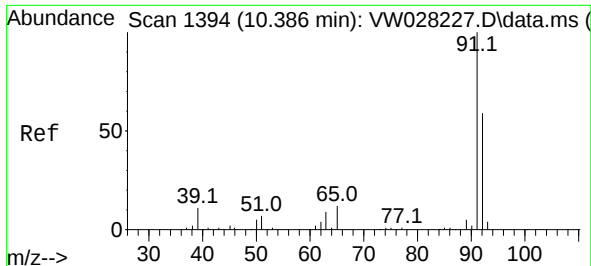
Tgt Ion: 75 Resp: 132454
Ion Ratio Lower Upper
75 100
77 30.6 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 48.815 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion: 43 Resp: 84859
Ion Ratio Lower Upper
43 100
58 38.9 30.1 45.1
100 16.0 11.8 17.8





#42

Toluene

Concen: 24.273 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

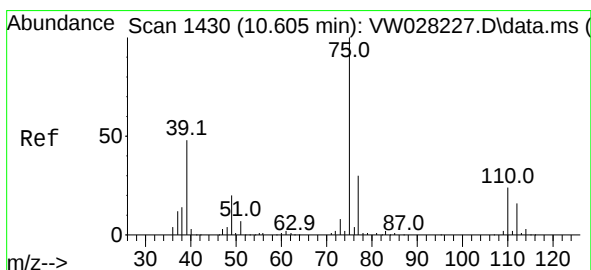
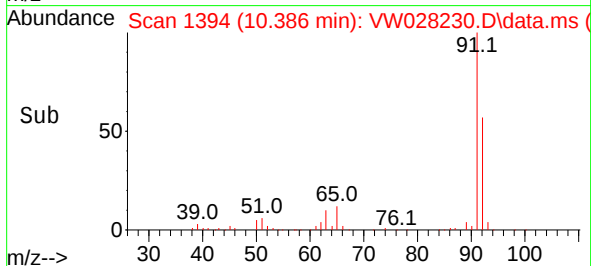
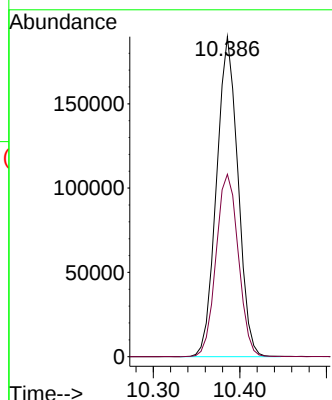
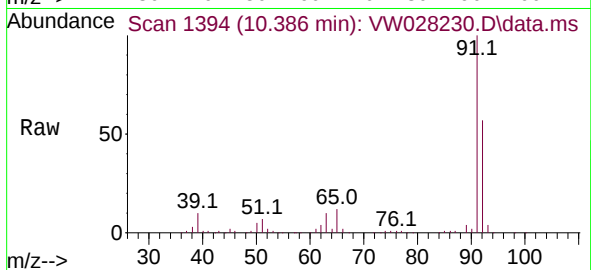
ClientSampleId :

Tgt Ion: 91 Resp: 326181

Ion Ratio Lower Upper

91 100

92 57.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.240 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028230.D

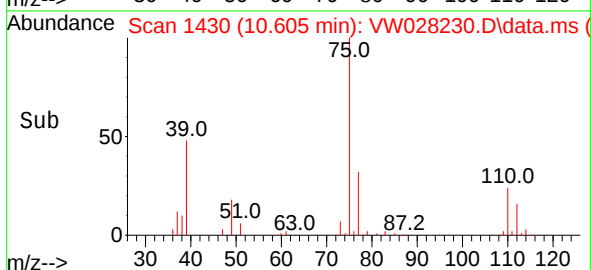
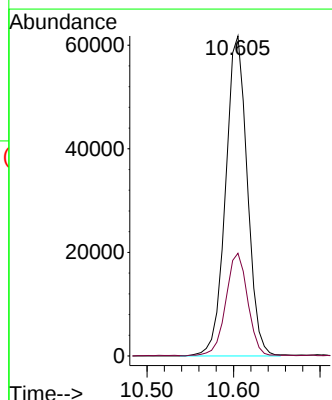
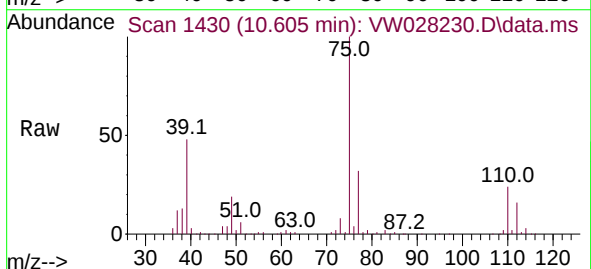
Acq: 22 Mar 2024 16:14

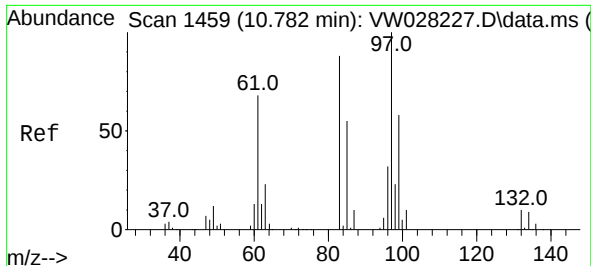
Tgt Ion: 75 Resp: 107477

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 25.635 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

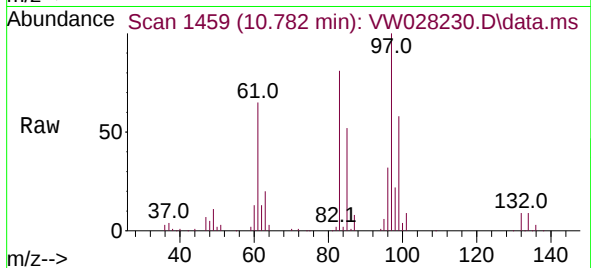
Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 58330

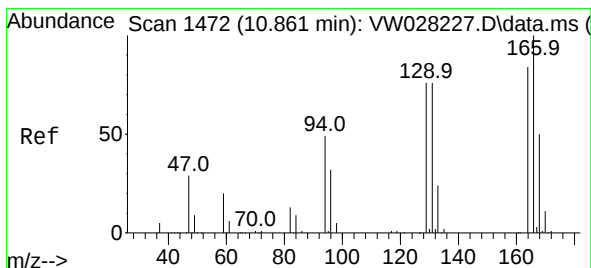
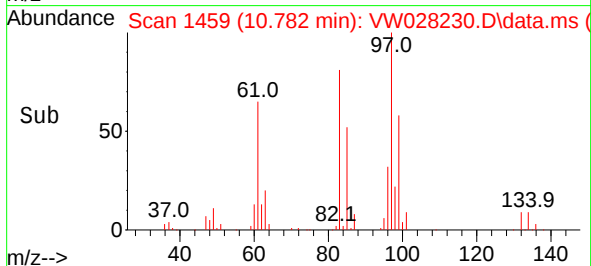
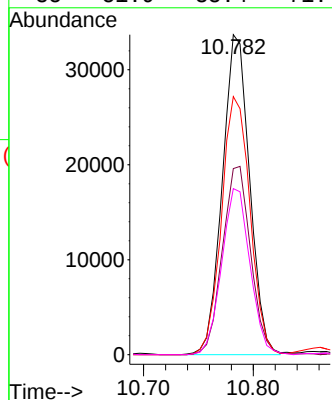
Ion Ratio Lower Upper

97 100

99 58.1 43.4 80.6

83 80.7 59.4 110.4

85 51.9 38.4 71.4



#46

Tetrachloroethene

Concen: 19.006 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Tgt Ion:164 Resp: 52628

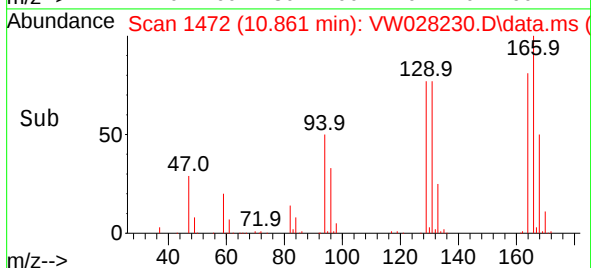
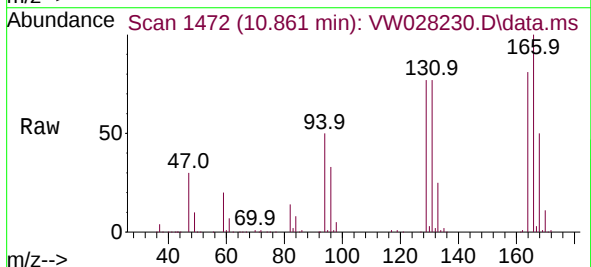
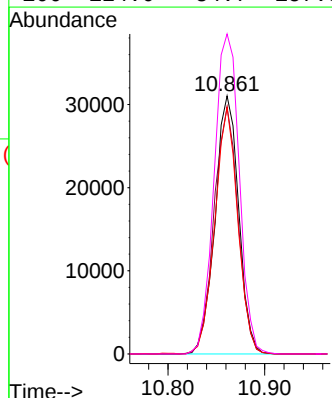
Ion Ratio Lower Upper

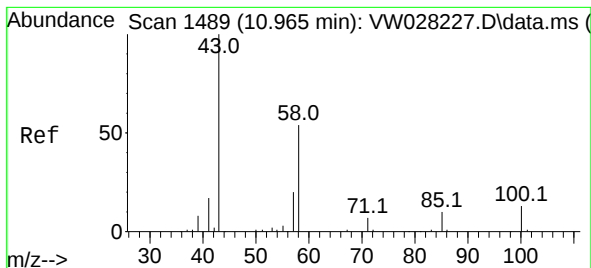
164 100

129 95.7 64.0 119.0

131 95.6 62.6 116.3

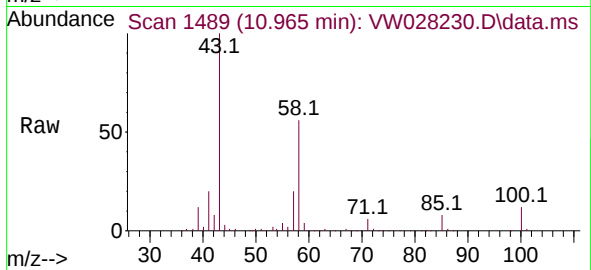
166 124.0 84.7 157.3



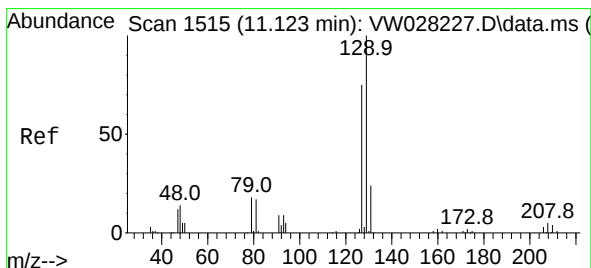
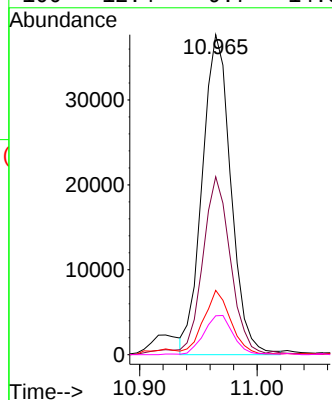
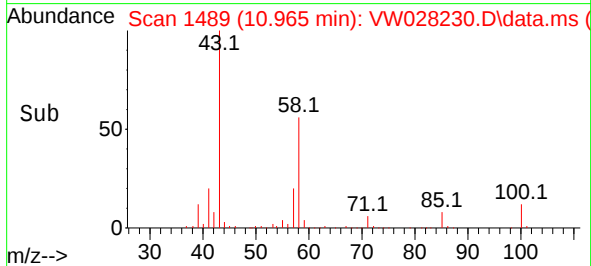


#48
2-Hexanone
Concen: 46.987 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Instrument :
MSVOA_W
ClientSampleId :

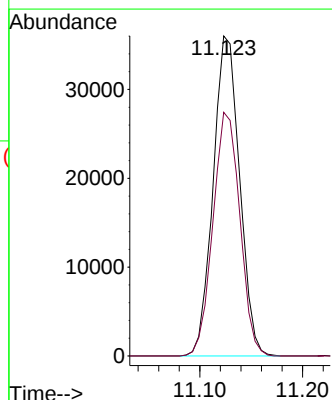
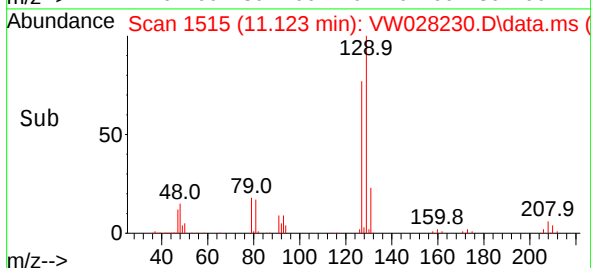
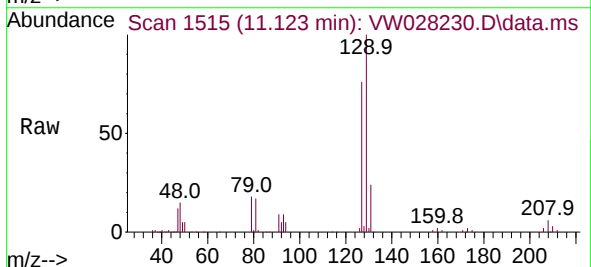


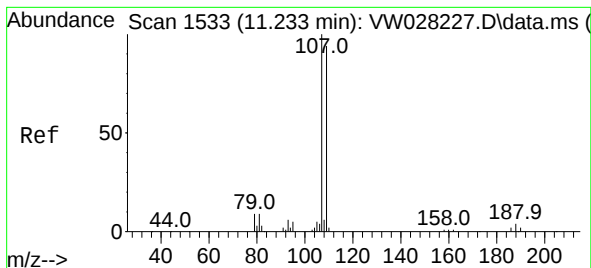
Tgt Ion: 43 Resp: 63984
Ion Ratio Lower Upper
43 100
58 53.5 40.6 61.0
57 19.1 15.7 23.5
100 12.4 9.7 14.5



#49
Dibromochloromethane
Concen: 23.898 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion: 129 Resp: 64400
Ion Ratio Lower Upper
129 100
127 76.2 53.1 98.7





#50

1,2-Dibromoethane

Concen: 24.115 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028230.D

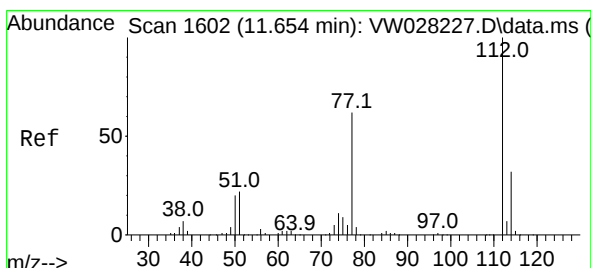
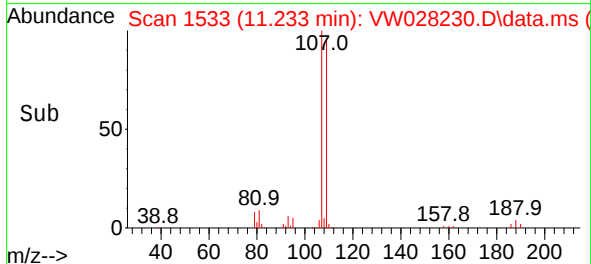
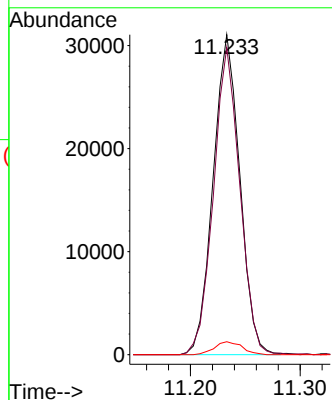
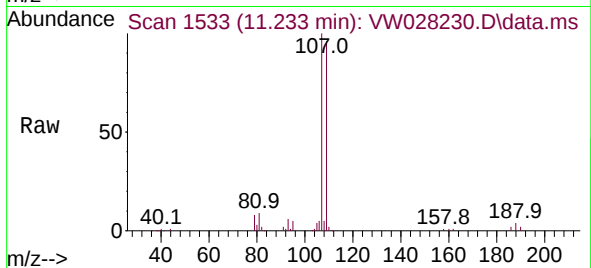
Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	52468
Ion Ratio	Lower	Upper
107	100	
109	96.0	64.4 119.6
188	4.0	3.4 5.2



#51

Chlorobenzene

Concen: 22.688 ug/L

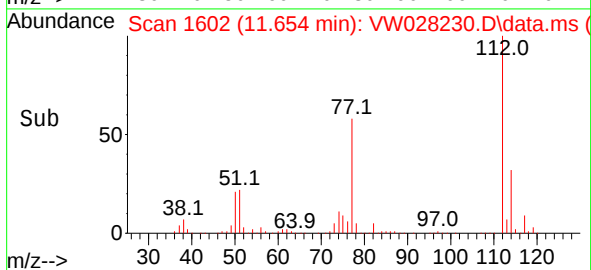
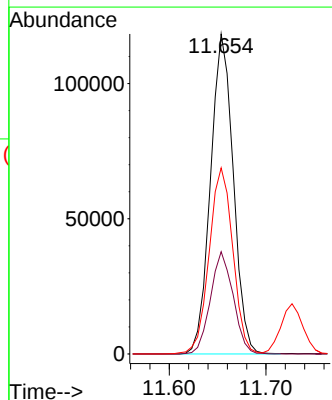
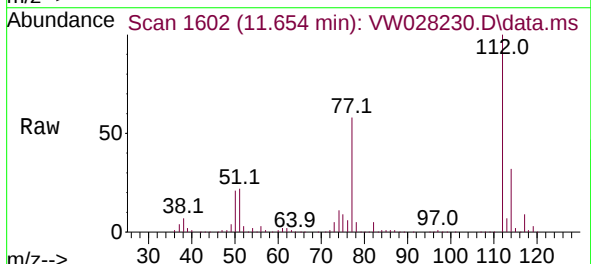
RT: 11.654 min Scan# 1602

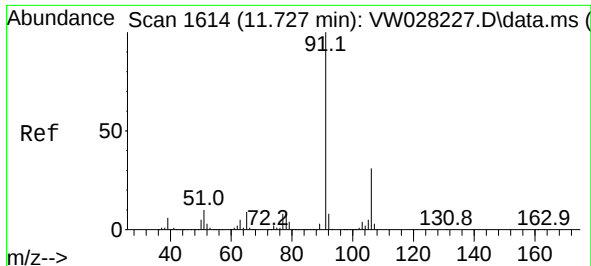
Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Tgt Ion:112	Resp:	193517
Ion Ratio	Lower	Upper
112	100	
114	31.9	21.8 40.6
77	58.1	50.6 76.0





#52

Ethylbenzene

Concen: 21.083 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

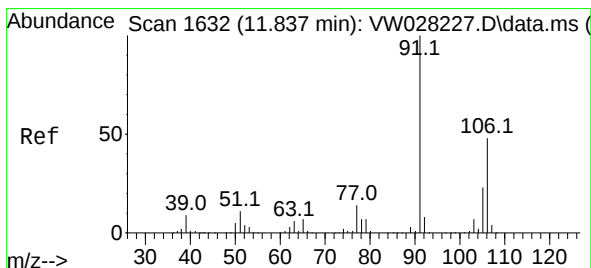
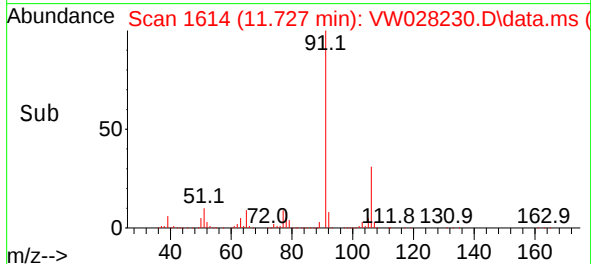
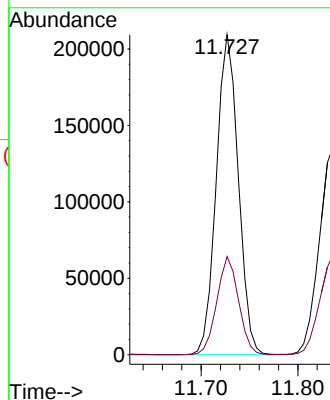
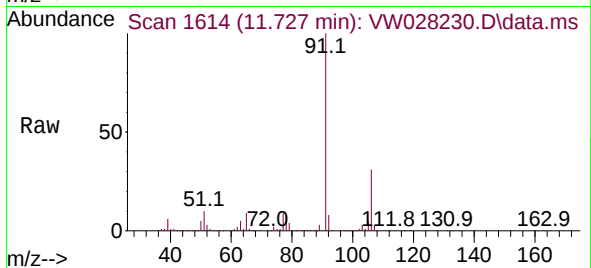
ClientSampleId :

Tgt Ion: 91 Resp: 330729

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 20.054 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028230.D

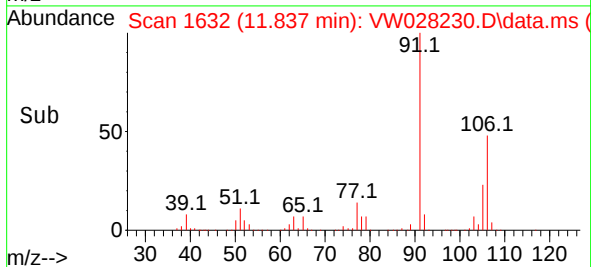
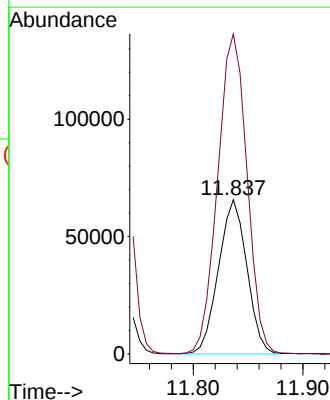
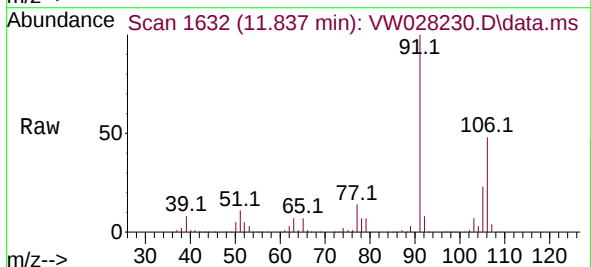
Acq: 22 Mar 2024 16:14

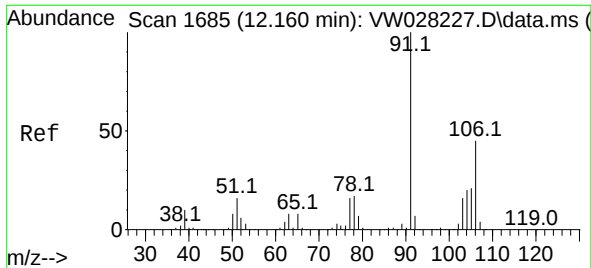
Tgt Ion:106 Resp: 118380

Ion Ratio Lower Upper

106 100

91 207.4 147.1 273.1

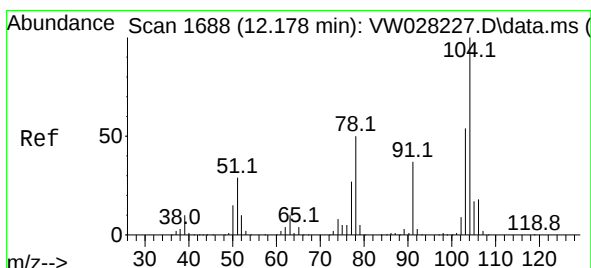
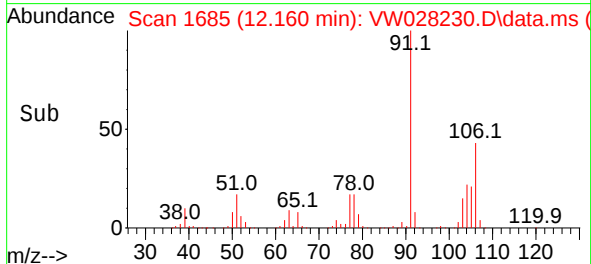
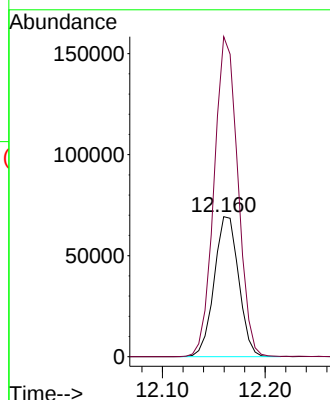
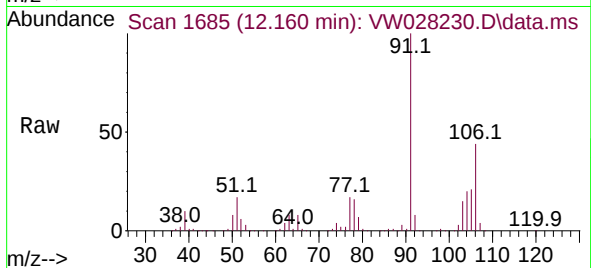




#54
o-Xylene
Concen: 20.946 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

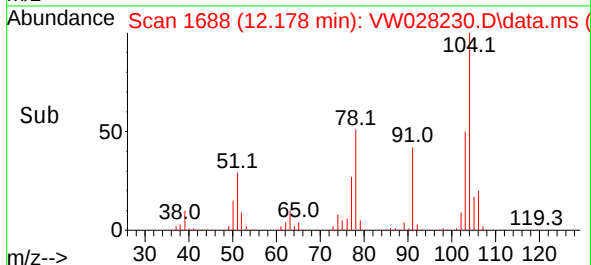
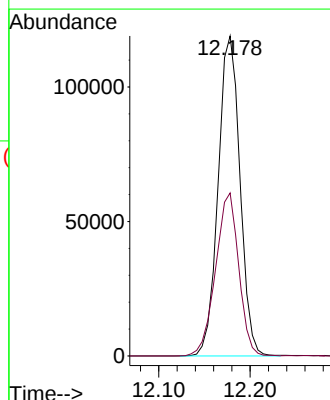
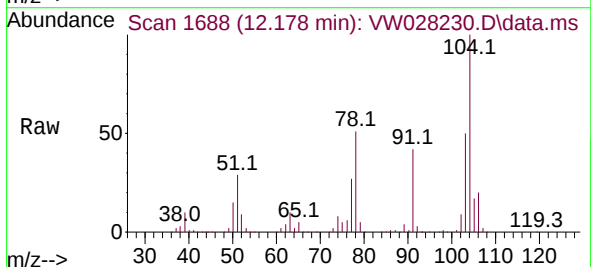
Instrument :
MSVOA_W
ClientSampleId :

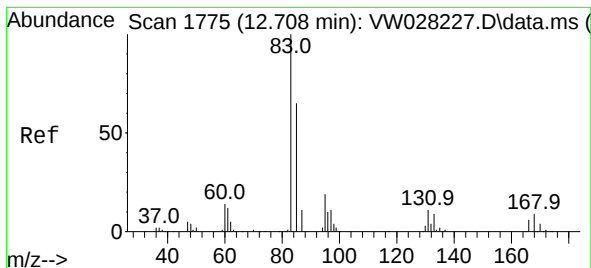
Tgt Ion:106 Resp: 114661
Ion Ratio Lower Upper
106 100
91 228.7 149.2 277.2



#55
Styrene
Concen: 20.991 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

Tgt Ion:104 Resp: 197378
Ion Ratio Lower Upper
104 100
78 50.9 33.2 61.7

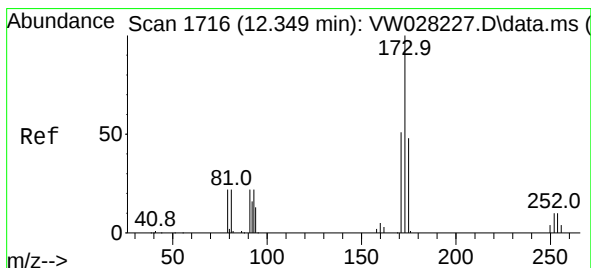
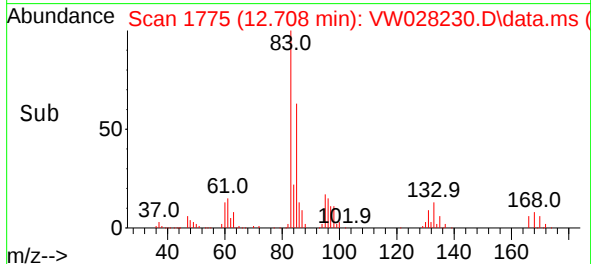
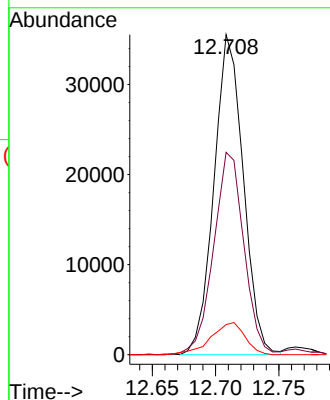
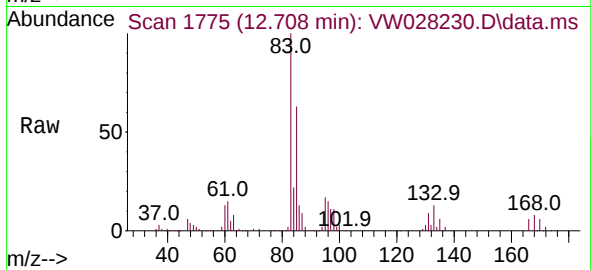




#57
1,1,2,2-Tetrachloroethane
Concen: 21.977 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

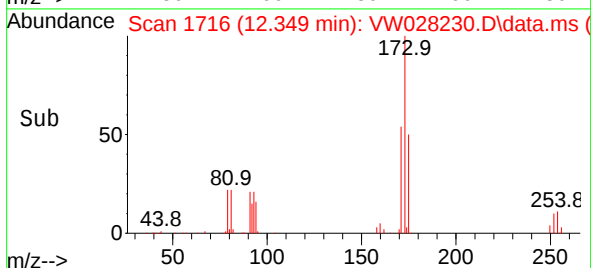
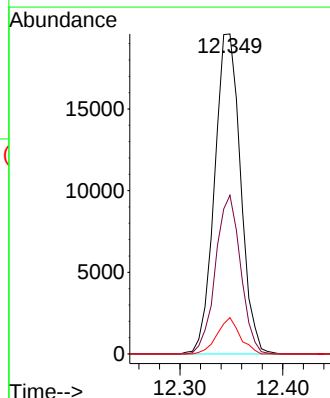
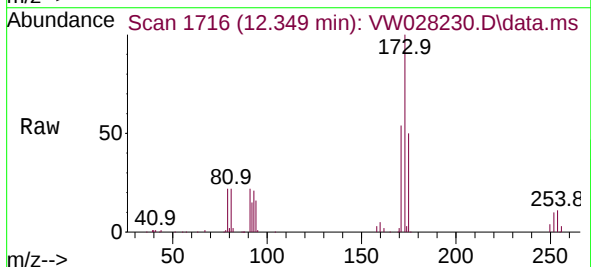
Instrument :
MSVOA_W
ClientSampleId :

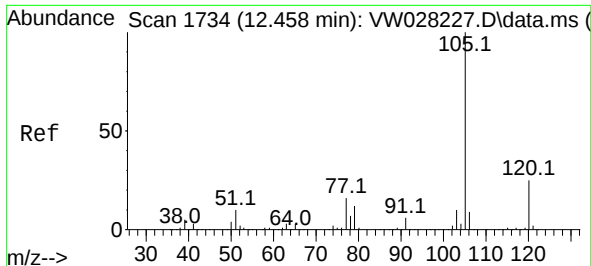
Tgt Ion: 83 Resp: 57199
Ion Ratio Lower Upper
83 100
85 63.3 47.0 87.2
131 9.4 8.9 13.3



#59
Bromoform
Concen: 33.363 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

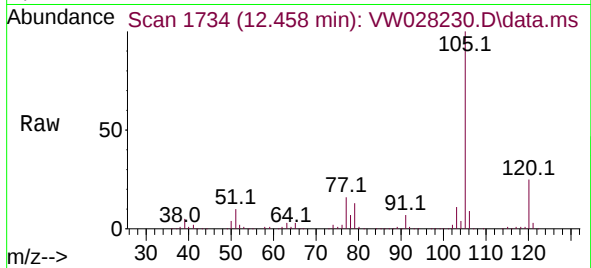
Tgt Ion:173 Resp: 34438
Ion Ratio Lower Upper
173 100
175 47.8 39.8 59.6
254 9.9 8.5 12.7



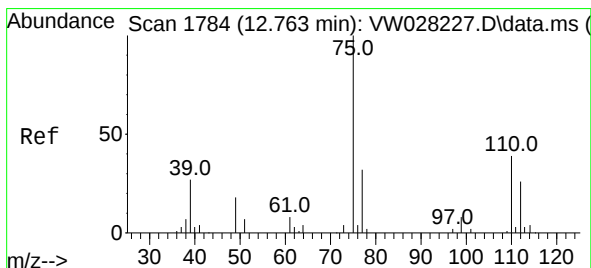
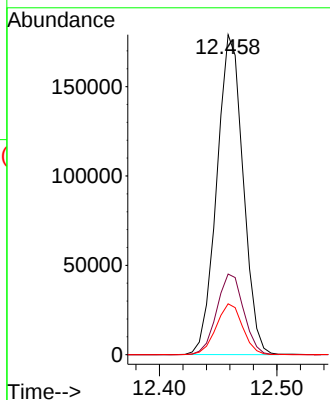
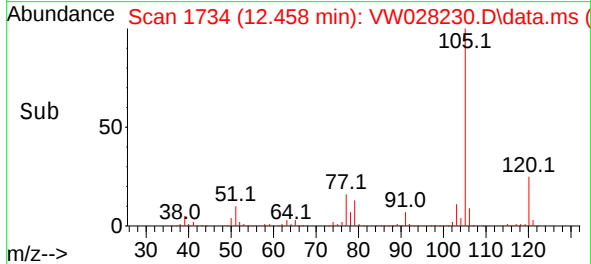


#60
Isopropylbenzene
Concen: 27.208 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14

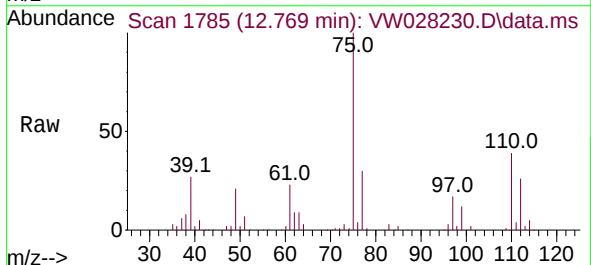
Instrument :
MSVOA_W
ClientSampleId :



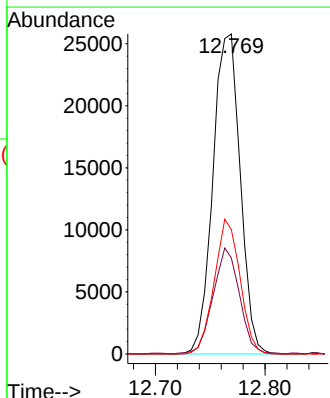
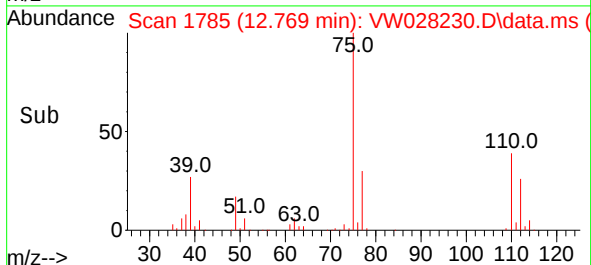
Tgt Ion:105 Resp: 278466
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 15.9 13.7 20.5

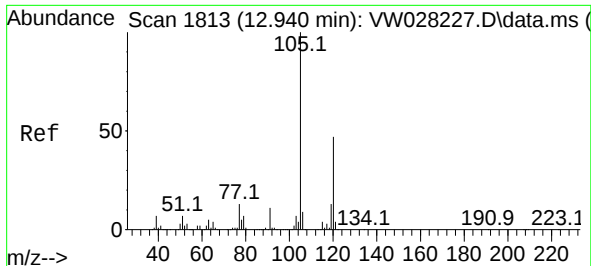


#61
1,2,3-Trichloropropane
Concen: 33.998 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW028230.D
Acq: 22 Mar 2024 16:14



Tgt Ion: 75 Resp: 44697
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 39.7 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 23.208 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

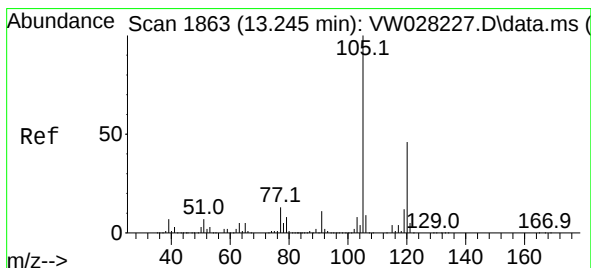
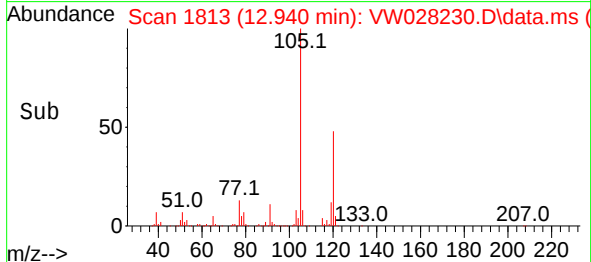
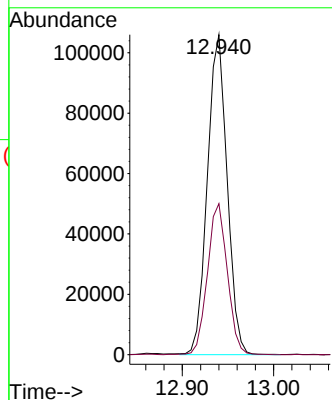
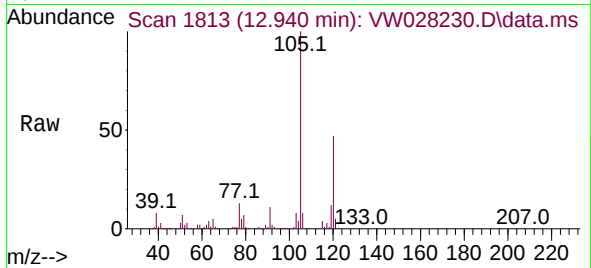
ClientSampleId :

Tgt Ion:105 Resp: 159375

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 23.109 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028230.D

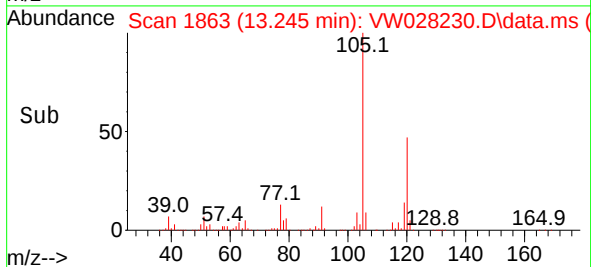
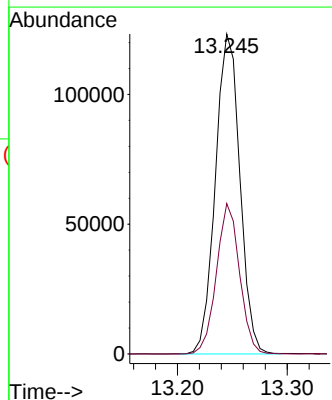
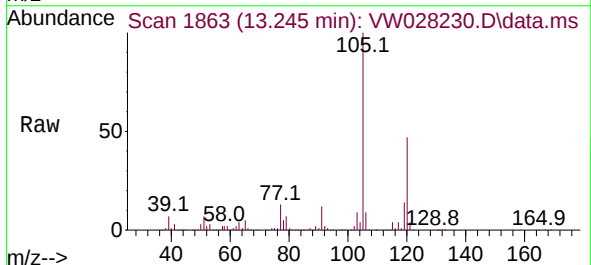
Acq: 22 Mar 2024 16:14

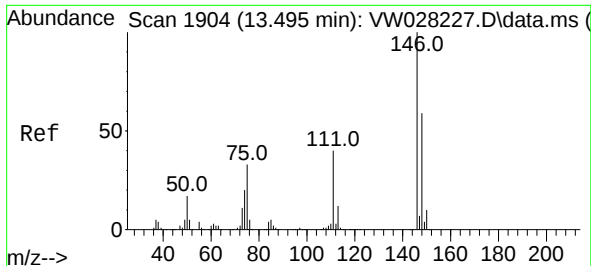
Tgt Ion:105 Resp: 191621

Ion Ratio Lower Upper

105 100

120 44.3 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 21.819 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028230.D

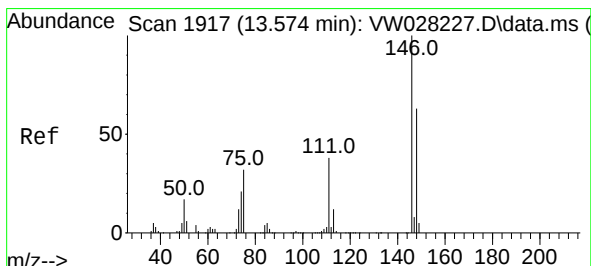
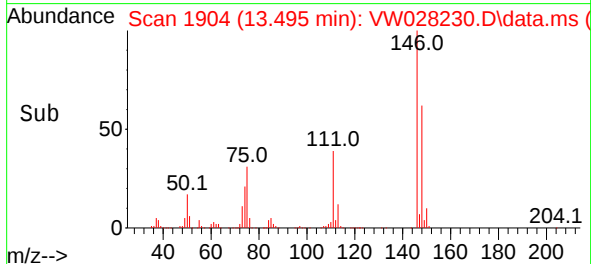
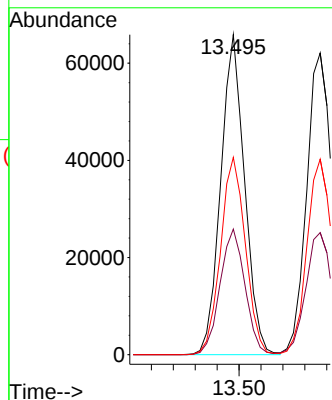
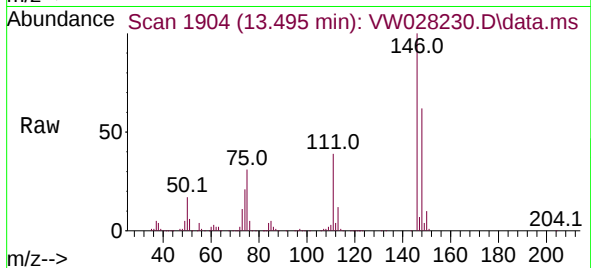
Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	99626
Ion Ratio	Lower	Upper
146	100	
111	39.3	28.5 52.9
148	61.6	43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 22.137 ug/L

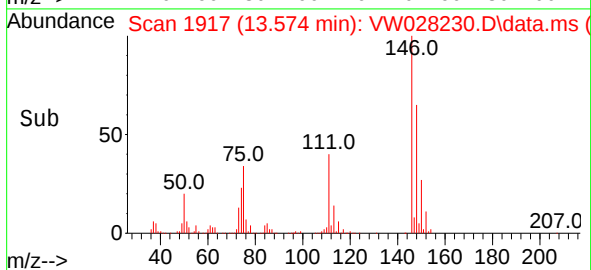
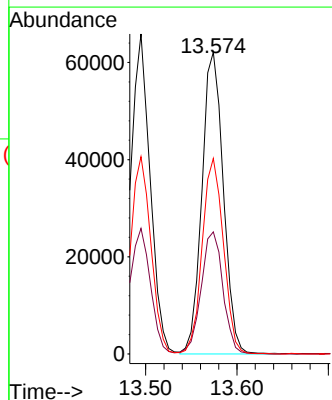
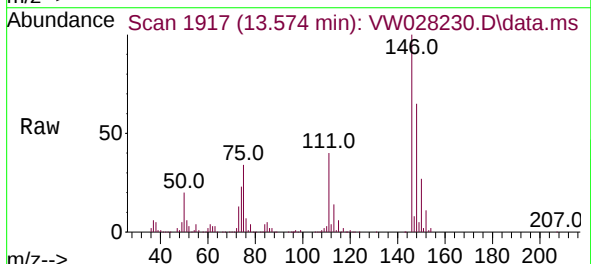
RT: 13.574 min Scan# 1917

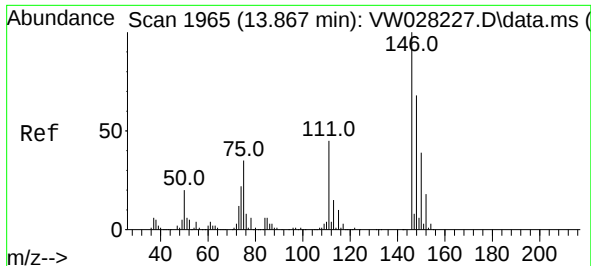
Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Tgt Ion:146	Resp:	101073
Ion Ratio	Lower	Upper
146	100	
111	40.5	28.8 53.6
148	64.8	45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 22.514 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

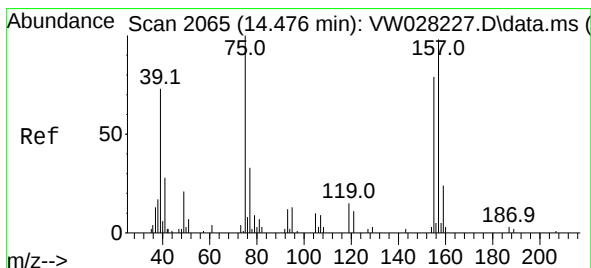
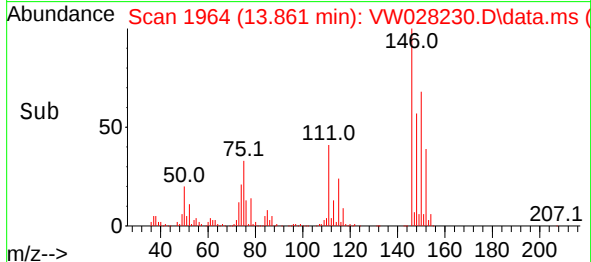
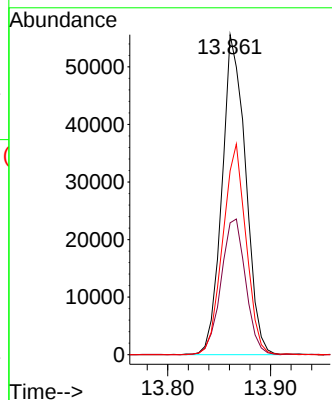
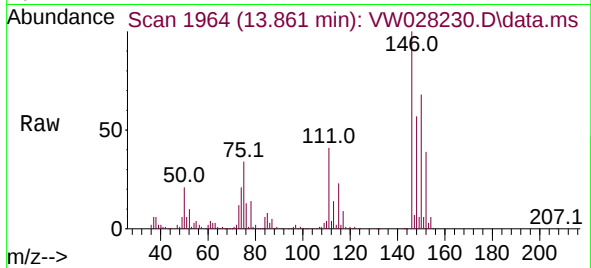
Tgt Ion:146 Resp: 88528

Ion Ratio Lower Upper

146 100

111 41.2 34.2 51.2

148 57.5 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 28.051 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

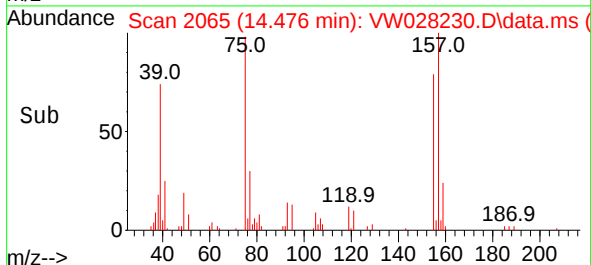
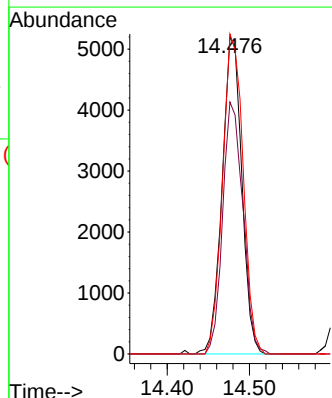
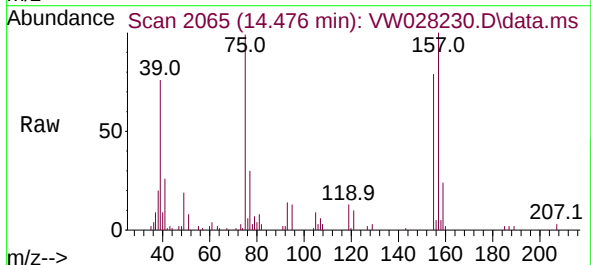
Tgt Ion: 75 Resp: 8663

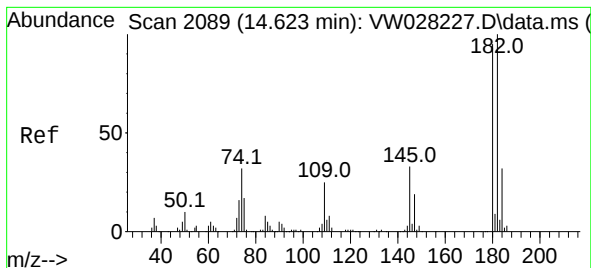
Ion Ratio Lower Upper

75 100

155 79.5 61.1 91.7

157 101.0 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 11.750 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 37370

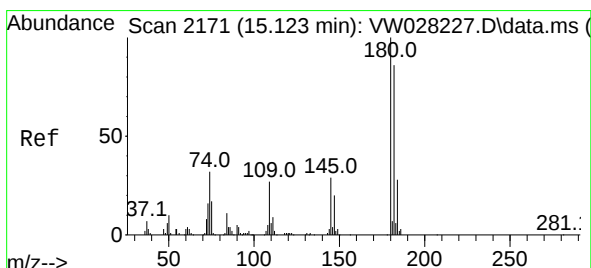
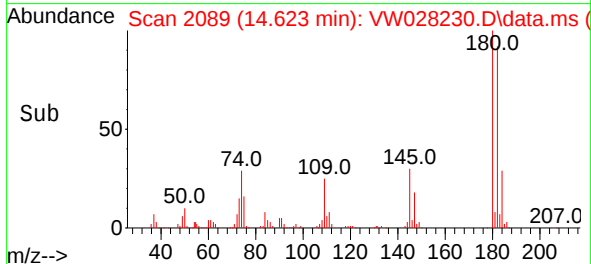
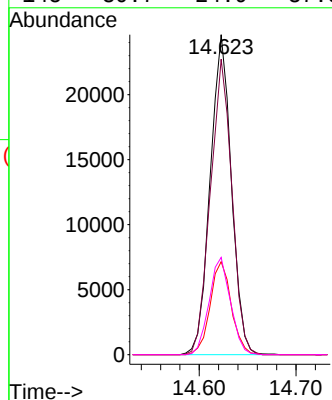
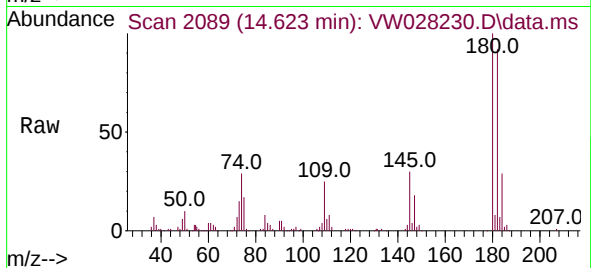
Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

184 29.1 23.5 35.3

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 10.425 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

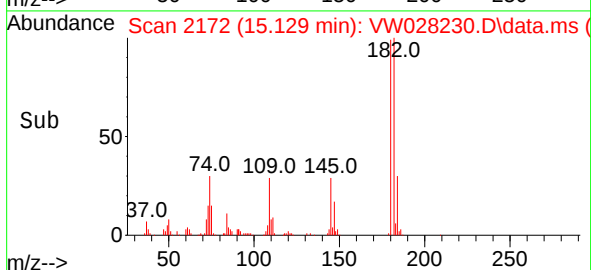
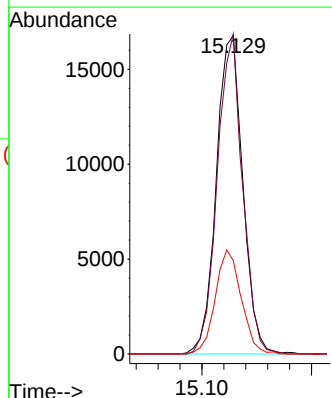
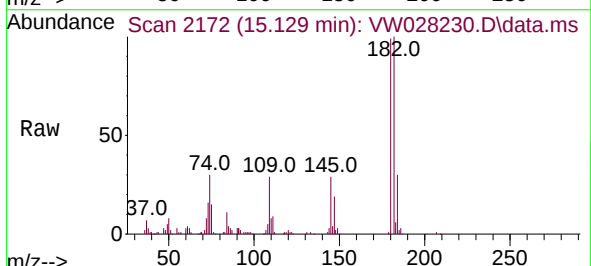
Tgt Ion:180 Resp: 28169

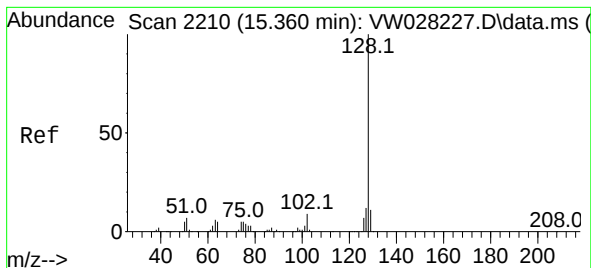
Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.8

145 31.9 25.0 37.6





#71

Naphthalene

Concen: 16.565 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028230.D

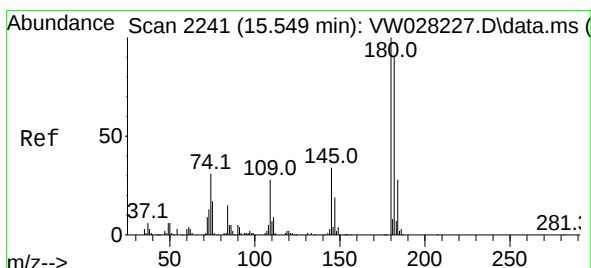
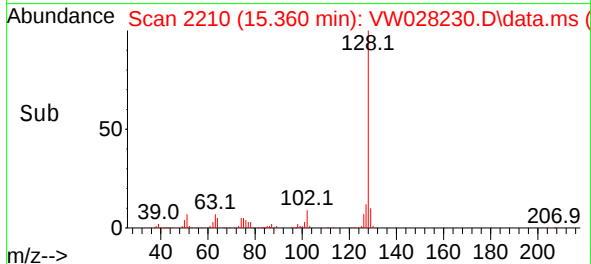
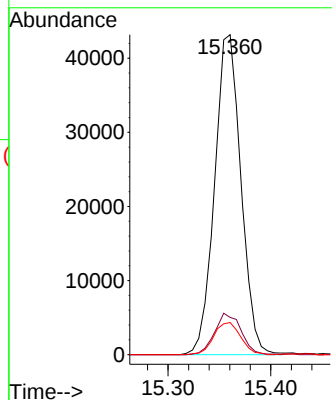
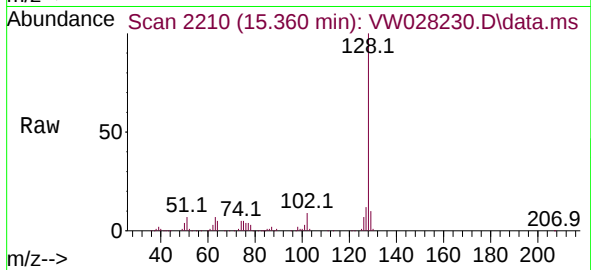
Acq: 22 Mar 2024 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	76824
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.9 16.3
129	10.3	8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 9.980 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028230.D

Acq: 22 Mar 2024 16:14

Tgt Ion:180	Resp:	22231
Ion Ratio	Lower	Upper
180	100	
182	92.2	76.0 114.0
145	33.5	27.1 40.7

