

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013024\
 Data File : VW027861.D
 Acq On : 30 Jan 2024 11:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 21:55:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 25 00:24:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	284046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	145402	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	89702	22.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.640%
7) Chloroethane-d5	2.905	69	71333	20.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
11) 1,1-Dichloroethene-d2	4.027	65	37775	21.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.800%
21) 2-Butanone-d5	7.087	46	32345	49.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.900%
24) Chloroform-d	7.648	84	189830	24.470	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.306	65	84638	24.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.320%
32) Benzene-d6	8.276	84	389085	24.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.270	67	107150	24.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.080%
41) Toluene-d8	10.318	98	373453	24.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	10.574	79	44246	25.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.080%
47) 2-Hexanone-d5	10.922	63	30448	52.009	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80784	25.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	134897	26.392	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	73324	22.033	ug/L	100
3) Chloromethane	2.228	50	88453	21.388	ug/L	96
5) Vinyl chloride	2.375	62	115134	27.584	ug/L	100
6) Bromomethane	2.795	94	68207	20.987	ug/L	92
8) Chloroethane	2.942	64	66556	24.203	ug/L	97
9) Trichlorofluoromethane	3.271	101	104124	21.740	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	99231	25.456	ug/L	100
12) 1,1-Dichloroethene	4.045	96	96284	25.231	ug/L	97
13) Acetone	4.149	43	31317	37.844	ug/L	94
14) Carbon disulfide	4.392	76	280352	23.900	ug/L	100
15) Methyl Acetate	4.679	43	26388	23.439	ug/L	95
16) Methylene chloride	4.917	84	98805	21.243	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	101217	24.825	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	119804	24.050	ug/L	100
19) 1,1-Dichloroethane	6.215	63	171759	24.832	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	110667	24.955	ug/L	100
22) 2-Butanone	7.185	43	38833	48.378	ug/L	99
23) Bromochloromethane	7.514	128	47622	24.750	ug/L	94
25) Chloroform	7.678	83	179880	25.155	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Thu Jan 25 00:24:22 2024
 Response via : Initial Calibration

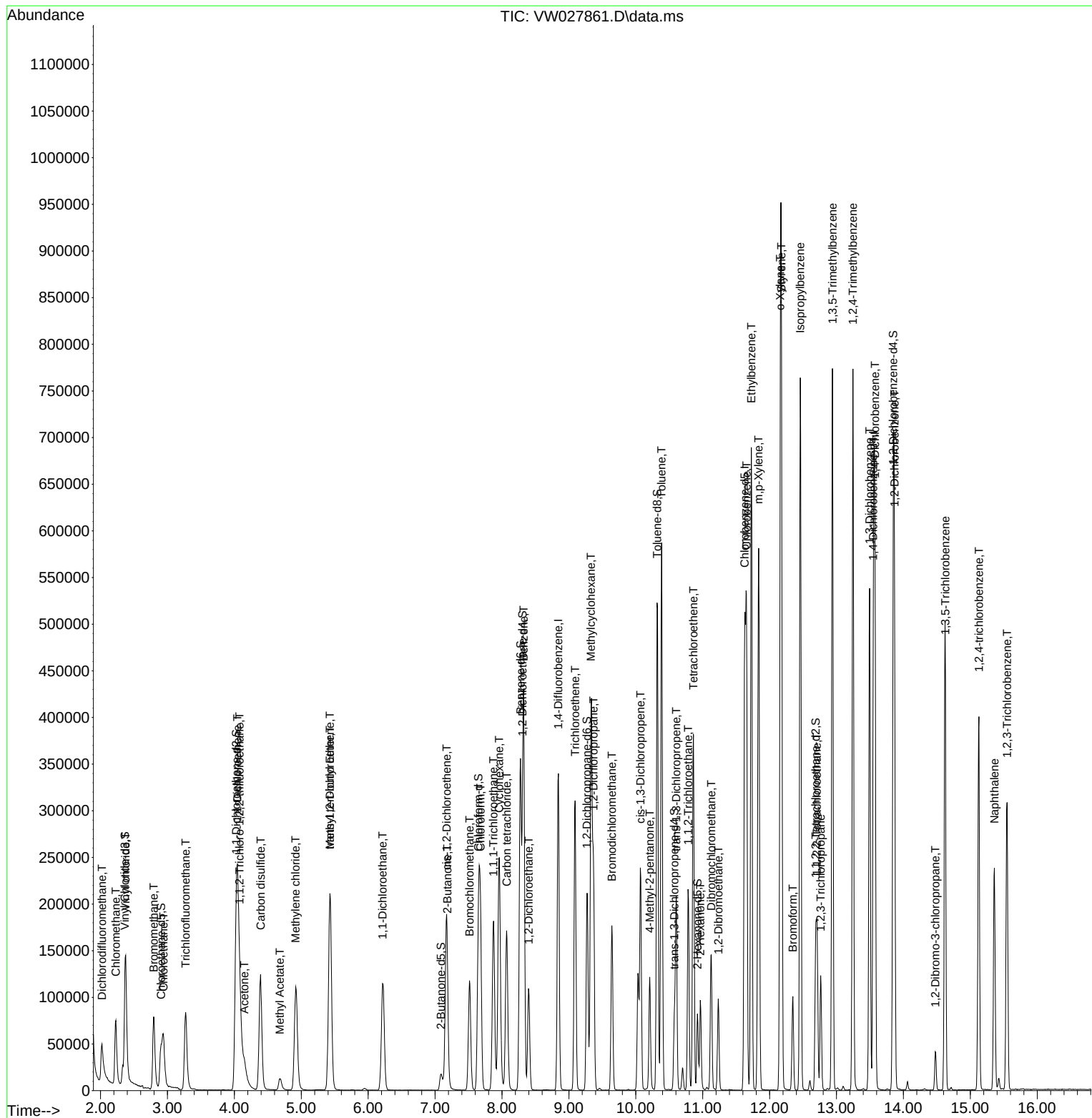
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	101374	25.082	ug/L	96
29) Cyclohexane	7.959	56	148347	25.668	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	152197	26.715	ug/L	99
31) Carbon tetrachloride	8.069	117	137609	27.845	ug/L	97
33) Benzene	8.325	78	398498	25.416	ug/L	100
34) Trichloroethene	9.093	95	111974	26.128	ug/L	97
35) Methylcyclohexane	9.331	83	191240	26.514	ug/L	96
37) 1,2-Dichloropropane	9.367	63	96530	25.556	ug/L	100
38) Bromodichloromethane	9.642	83	124575	26.377	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	153239	26.328	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	73220	49.696	ug/L	99
42) Toluene	10.385	91	447215	26.209	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	120703	26.866	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	72079	25.472	ug/L	97
46) Tetrachloroethene	10.861	164	90793	25.982	ug/L	95
48) 2-Hexanone	10.964	43	55489	52.014	ug/L	99
49) Dibromochloromethane	11.129	129	81618	26.396	ug/L	96
50) 1,2-Dibromoethane	11.233	107	66454	25.479	ug/L	97
51) Chlorobenzene	11.653	112	290862	25.815	ug/L	97
52) Ethylbenzene	11.727	91	508214	26.423	ug/L	98
53) m,p-Xylene	11.836	106	197870	26.431	ug/L	95
54) o-Xylene	12.159	106	187279	26.706	ug/L	97
55) Styrene	12.178	104	316880	26.748	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	77825	25.510	ug/L	95
59) Bromoform	12.348	173	46884	26.260	ug/L #	90
60) Isopropylbenzene	12.458	105	519235	26.265	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53792	24.432	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	431983	27.198	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	417109	26.468	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	236762	26.106	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	231573	26.123	ug/L	88
67) 1,2-Dichlorobenzene	13.866	146	205914	26.639	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.476	75	10828	25.201	ug/L	98
69) 1,3,5-Trichlorobenzene	14.628	180	165346	26.480	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	134366	26.207	ug/L	92
71) Naphthalene	15.360	128	220796	26.216	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	118443	27.469	ug/L	98

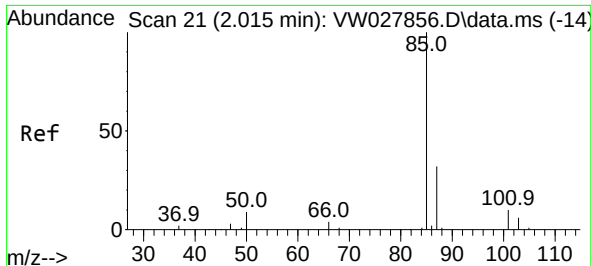
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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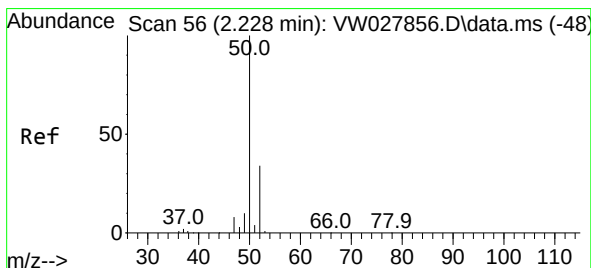
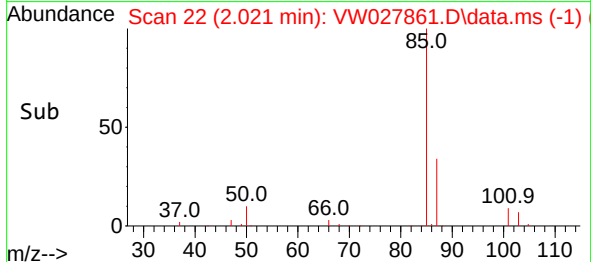
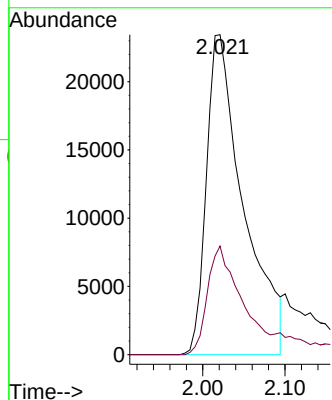
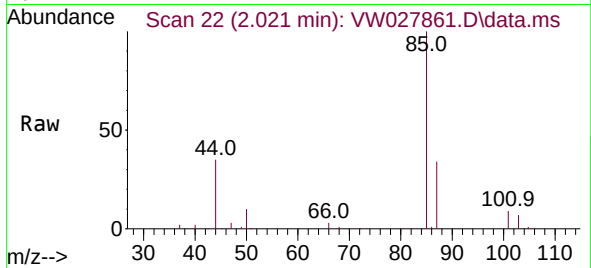




#2
Dichlorodifluoromethane
Concen: 22.033 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

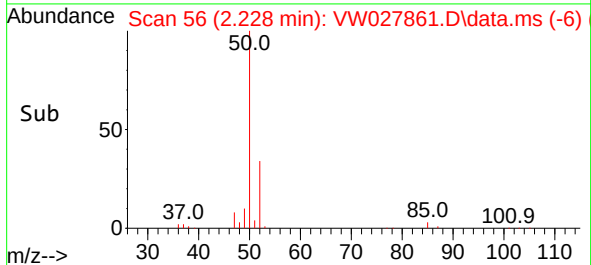
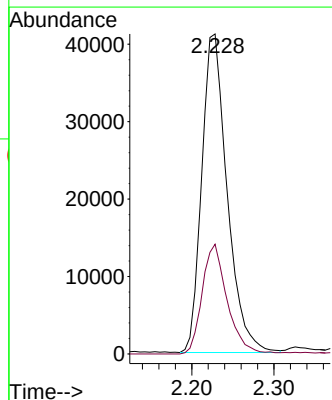
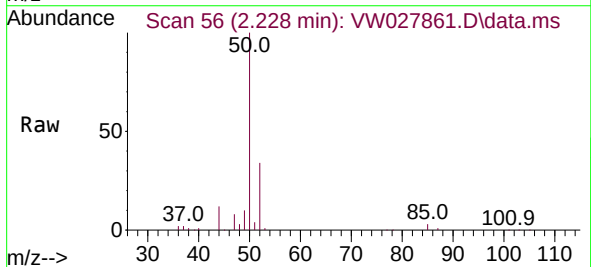
Instrument :
MSVOA_W
ClientSampleId :

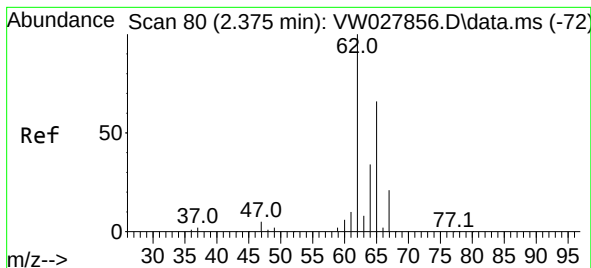
Tgt Ion: 85 Resp: 73324
Ion Ratio Lower Upper
85 100
87 31.2 25.0 37.4



#3
Chloromethane
Concen: 21.388 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 50 Resp: 88453
Ion Ratio Lower Upper
50 100
52 34.3 22.5 41.7





#5

Vinyl chloride

Concen: 27.584 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

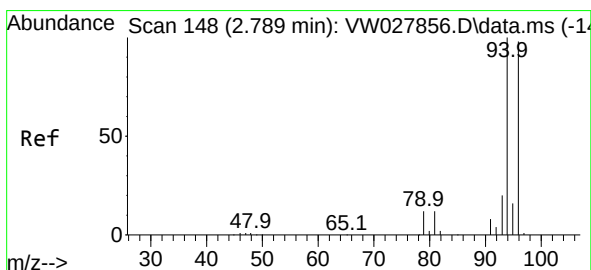
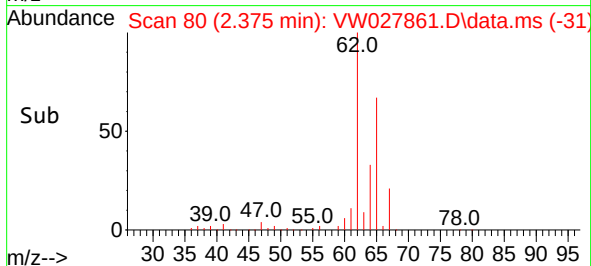
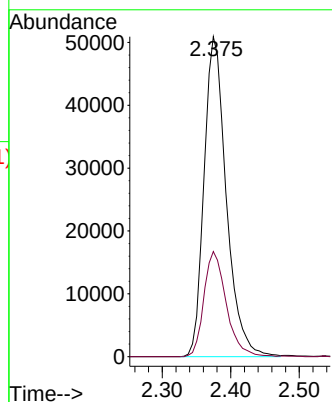
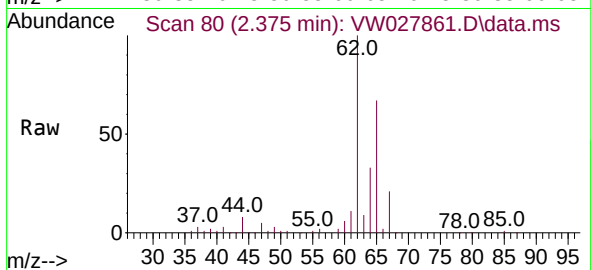
ClientSampleId :

Tgt Ion: 62 Resp: 115134

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.6



#6

Bromomethane

Concen: 20.987 ug/L

RT: 2.795 min Scan# 149

Delta R.T. -0.000 min

Lab File: VW027861.D

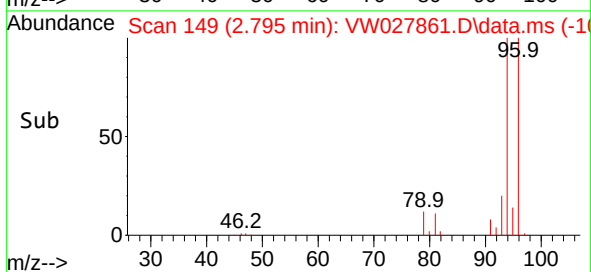
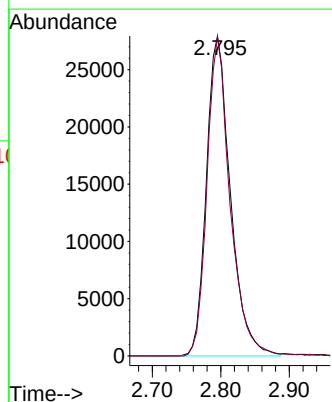
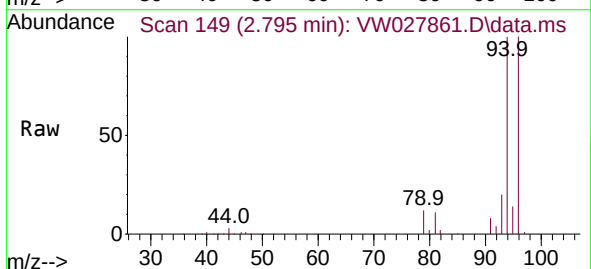
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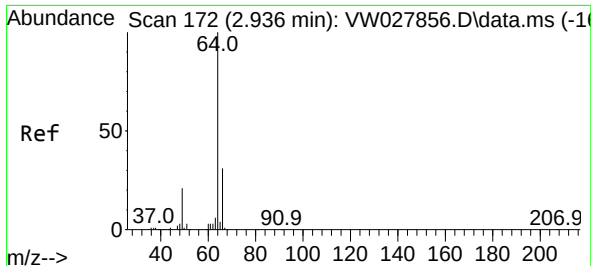
Tgt Ion: 94 Resp: 68207

Ion Ratio Lower Upper

94 100

96 99.6 64.3 119.5

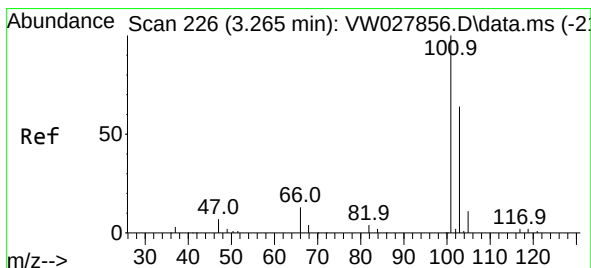
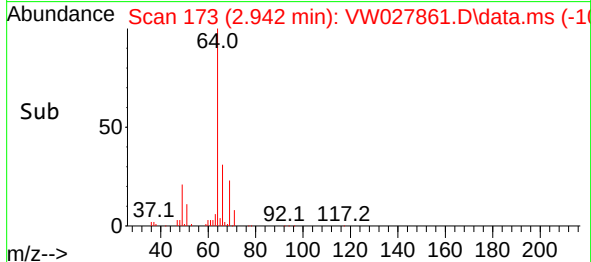
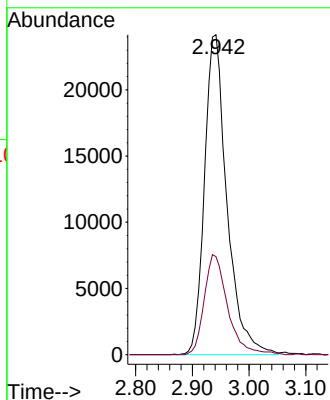
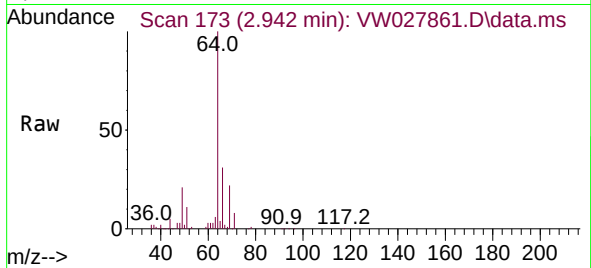




#8
Chloroethane
Concen: 24.203 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

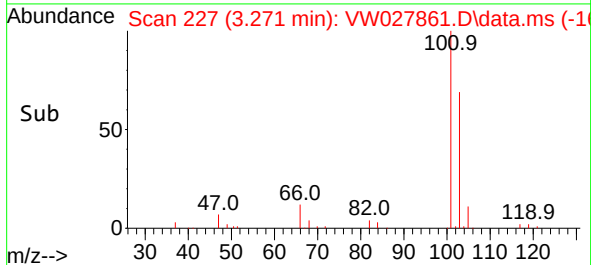
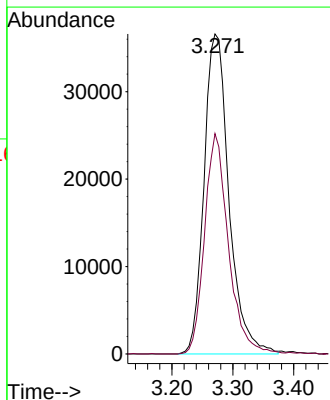
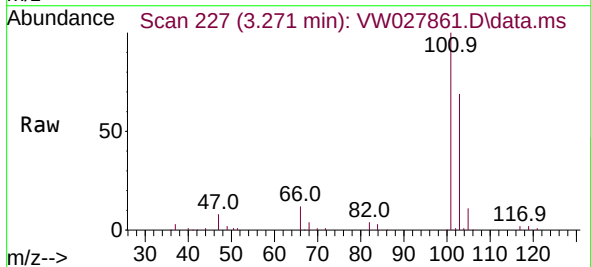
Instrument :
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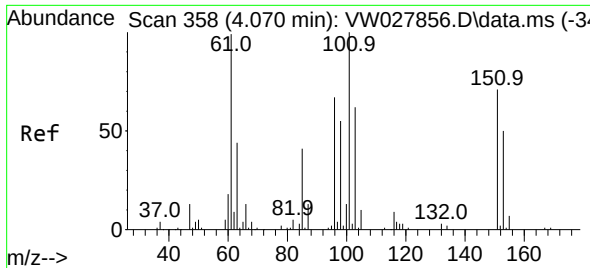
Tgt Ion: 64 Resp: 66556
Ion Ratio Lower Upper
64 100
66 30.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 21.740 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 101 Resp: 104124
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

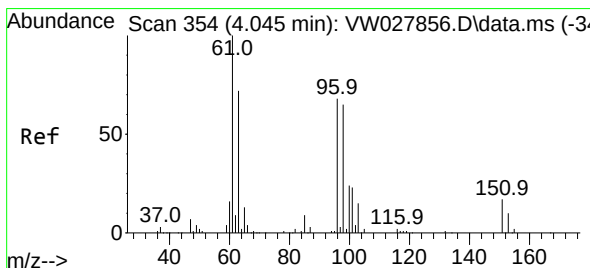
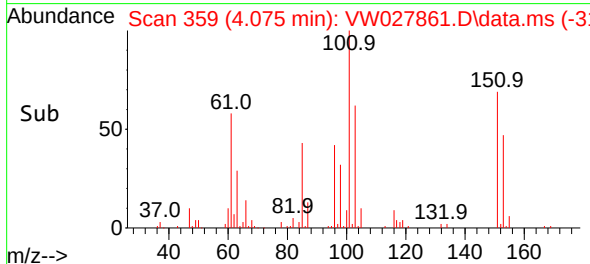
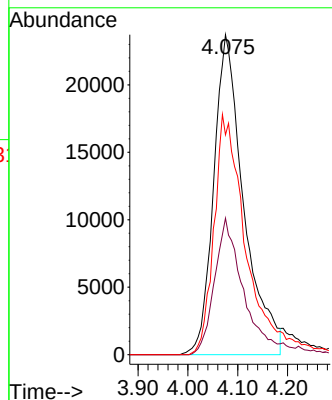
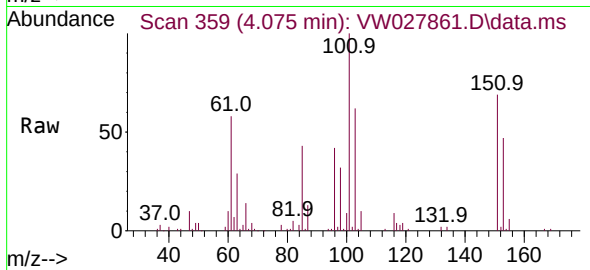




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.456 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW027861.D
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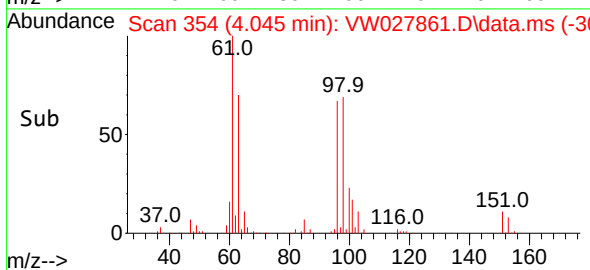
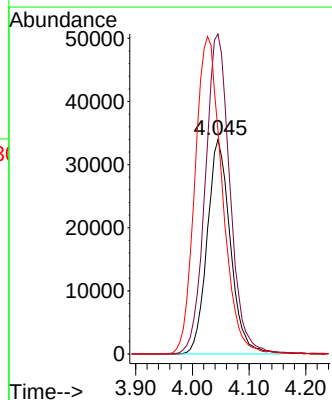
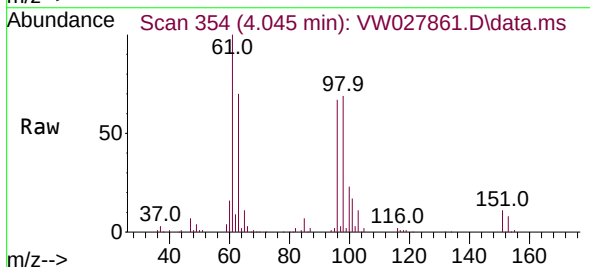
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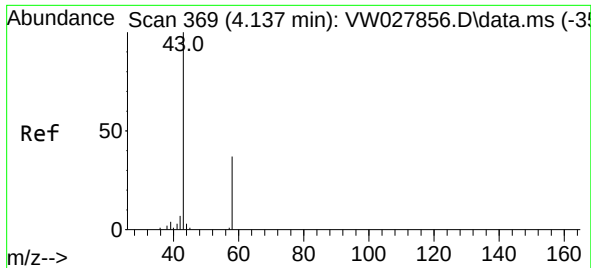
Tgt Ion:101 Resp: 99231
 Ion Ratio Lower Upper
 101 100
 85 40.1 32.6 48.8
 151 75.6 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 25.231 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027861.D
 Acq: 30 Jan 2024 11:52

Tgt Ion: 96 Resp: 96284
 Ion Ratio Lower Upper
 96 100
 61 149.2 105.7 196.3
 63 104.2 76.0 141.2





#13

Acetone

Concen: 37.844 ug/L

RT: 4.149 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

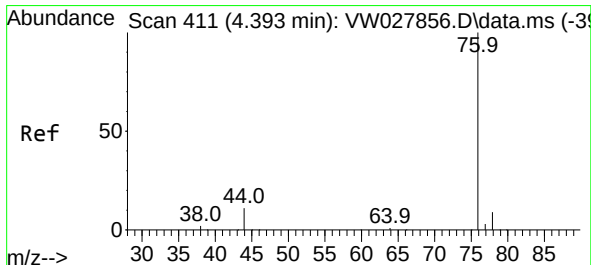
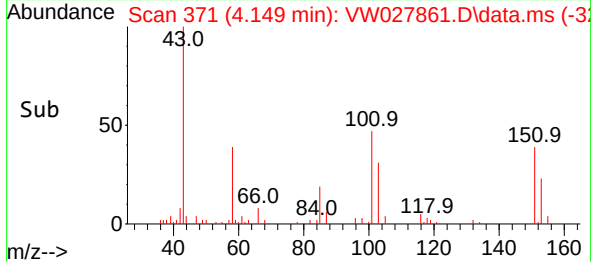
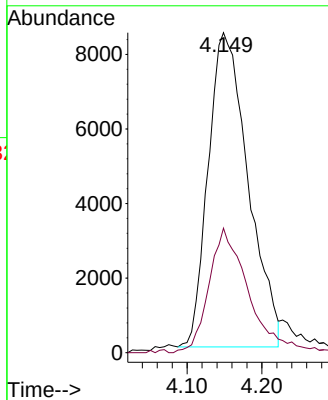
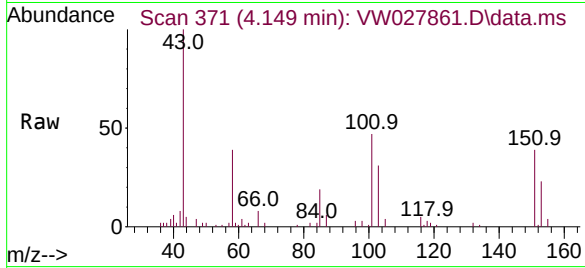
ClientSampleId :

Tgt Ion: 43 Resp: 31317

Ion Ratio Lower Upper

43 100

58 38.9 0.0 70.2



#14

Carbon disulfide

Concen: 23.900 ug/L

RT: 4.392 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW027861.D

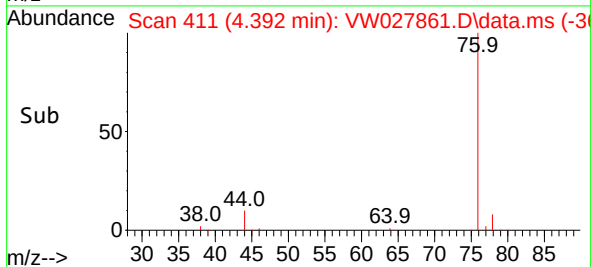
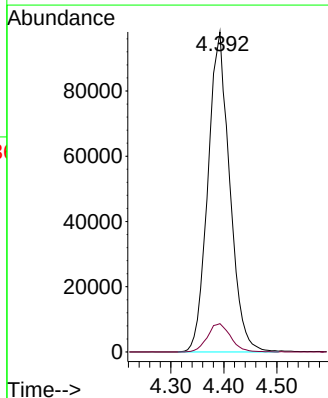
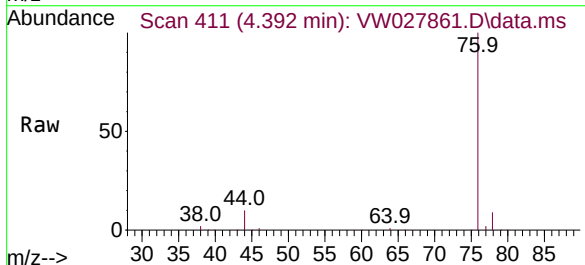
Acq: 30 Jan 2024 11:52

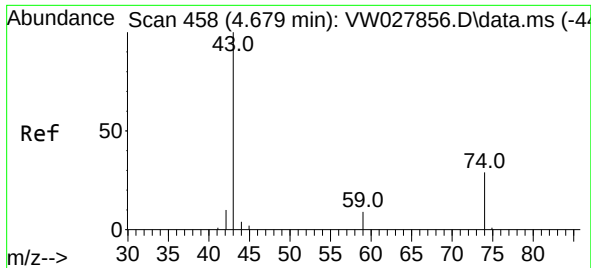
Tgt Ion: 76 Resp: 280352

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

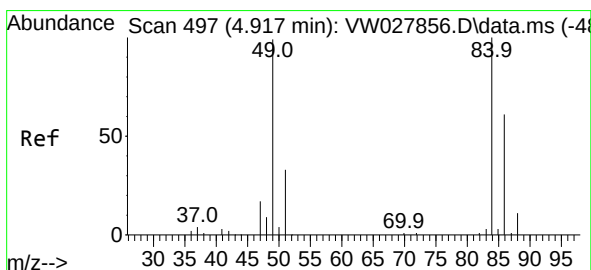
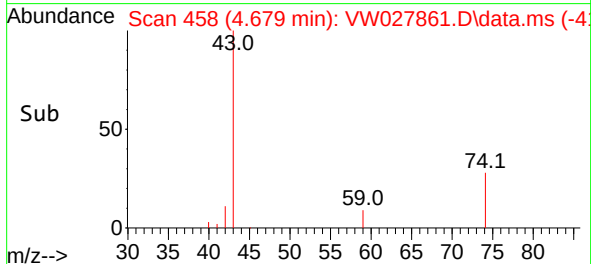
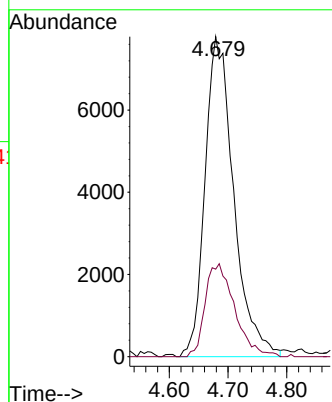
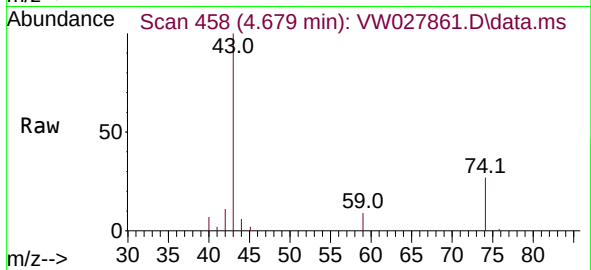




#15
Methyl Acetate
Concen: 23.439 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.013 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

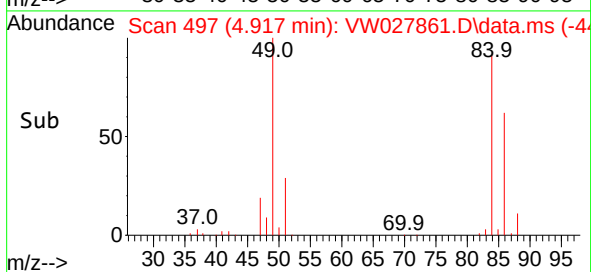
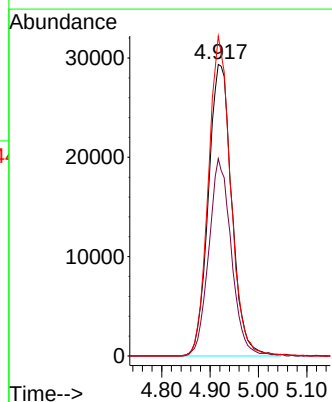
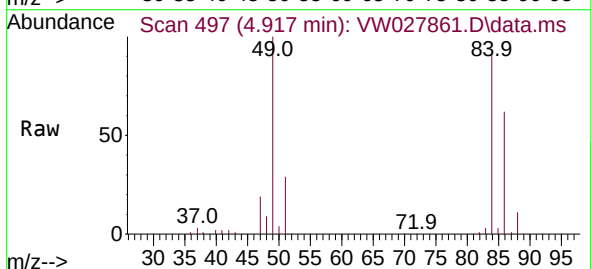
Instrument :
MSVOA_W
ClientSampleId :

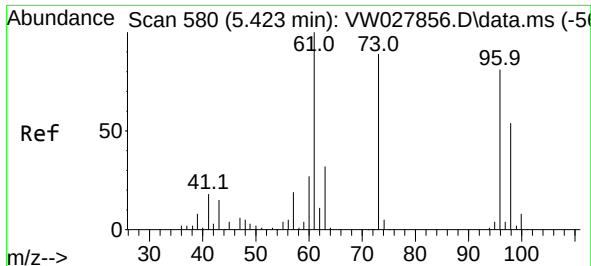
Tgt Ion: 43 Resp: 26388
Ion Ratio Lower Upper
43 100
74 29.8 21.9 32.9



#16
Methylene chloride
Concen: 21.243 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 84 Resp: 98805
Ion Ratio Lower Upper
84 100
86 67.7 43.5 80.9
49 109.8 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 24.825 ug/L

RT: 5.429 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

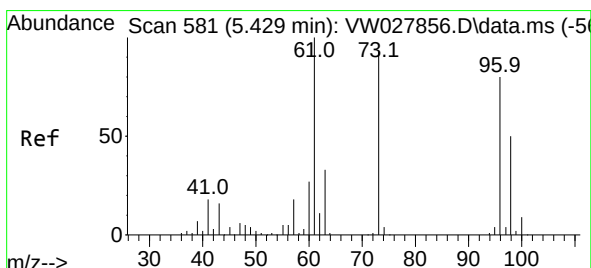
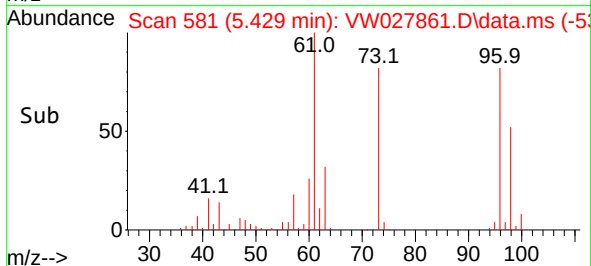
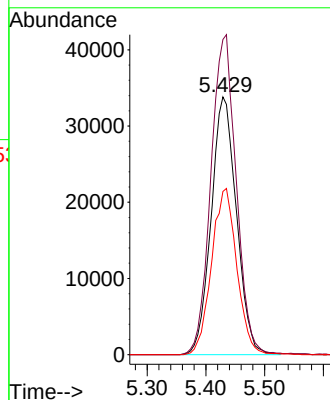
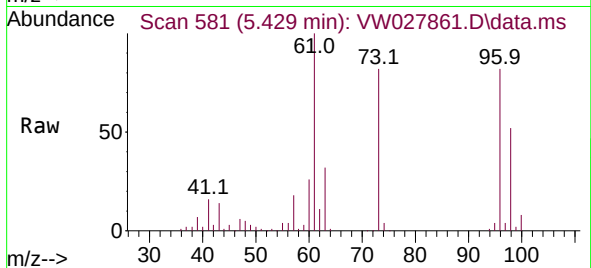
Tgt Ion: 96 Resp: 101217

Ion Ratio Lower Upper

96 100

61 122.3 85.0 157.8

98 63.3 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 24.050 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

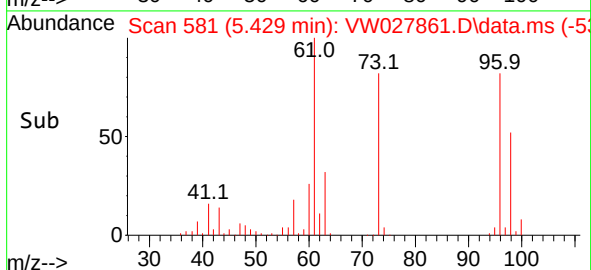
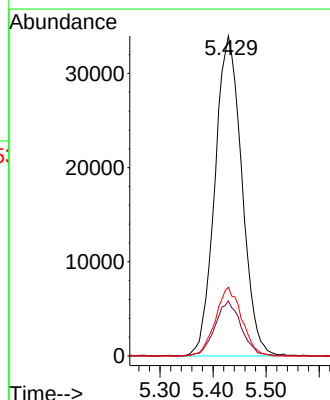
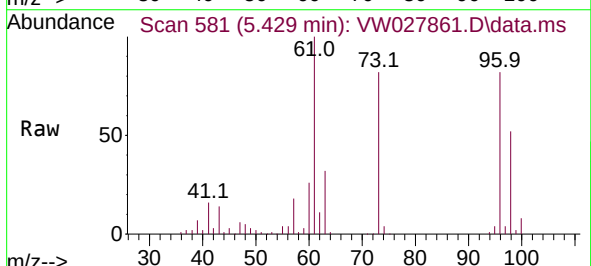
Tgt Ion: 73 Resp: 119804

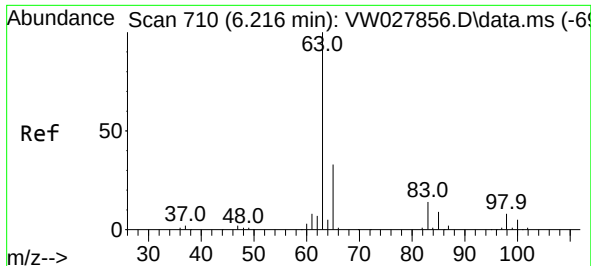
Ion Ratio Lower Upper

73 100

43 16.7 13.5 20.3

57 21.0 16.9 25.3





#19

1,1-Dichloroethane

Concen: 24.832 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

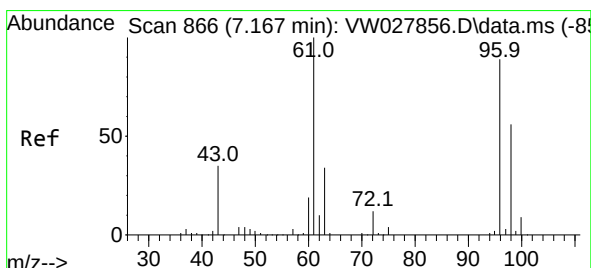
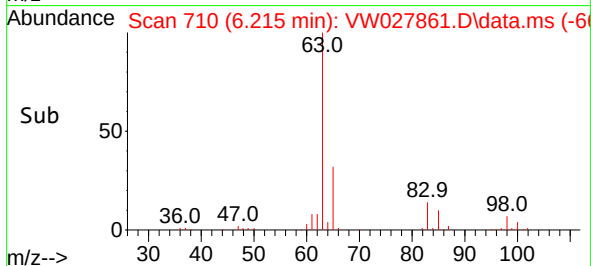
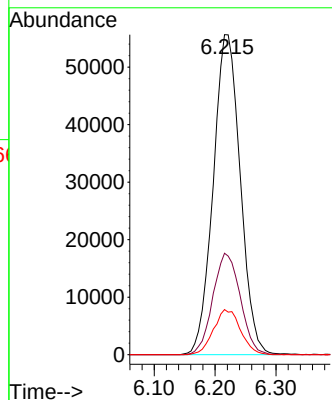
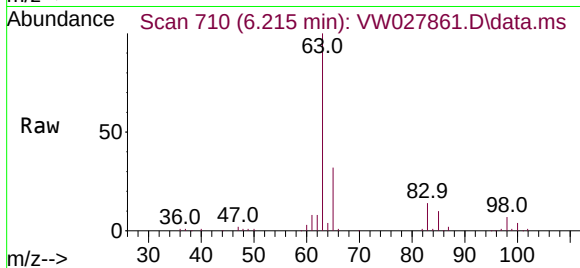
Tgt Ion: 63 Resp: 171759

Ion Ratio Lower Upper

63 100

65 31.7 21.5 39.9

83 14.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.955 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

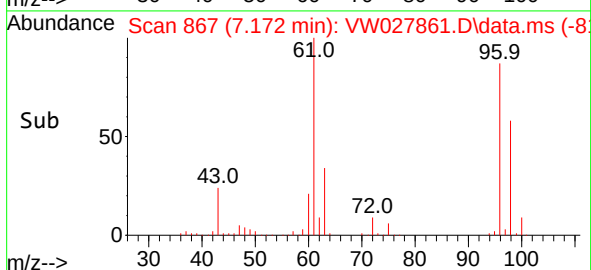
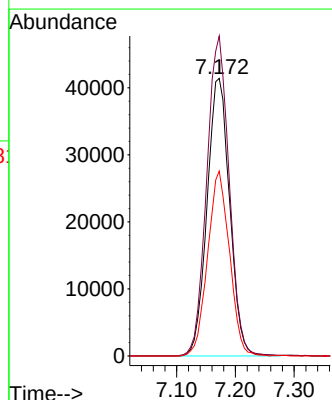
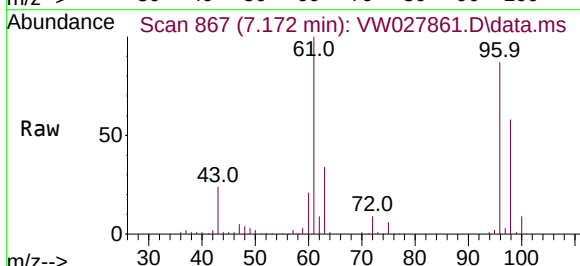
Tgt Ion: 96 Resp: 110667

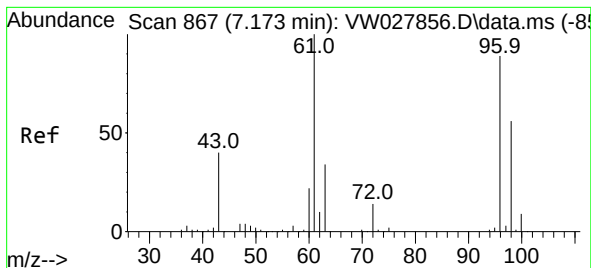
Ion Ratio Lower Upper

96 100

61 115.3 81.1 150.7

98 66.6 46.5 86.5





#22

2-Butanone

Concen: 48.378 ug/L

RT: 7.185 min Scan# 869

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

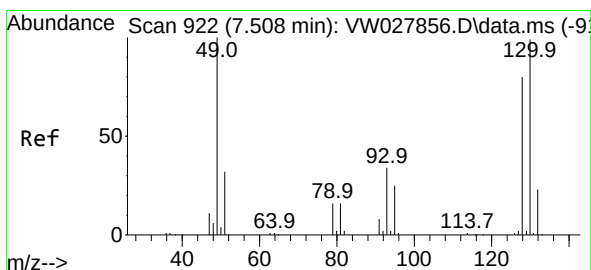
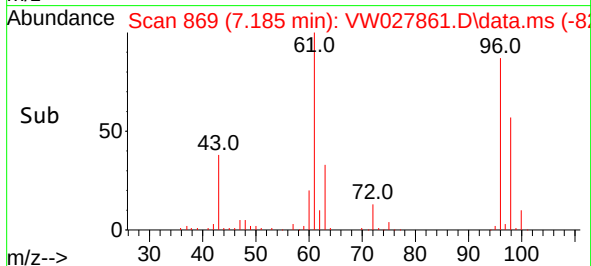
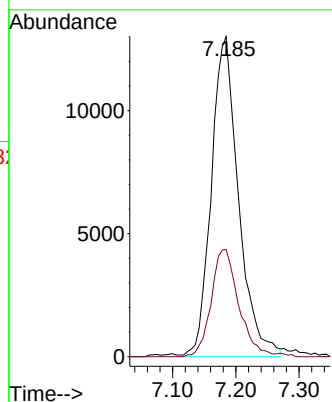
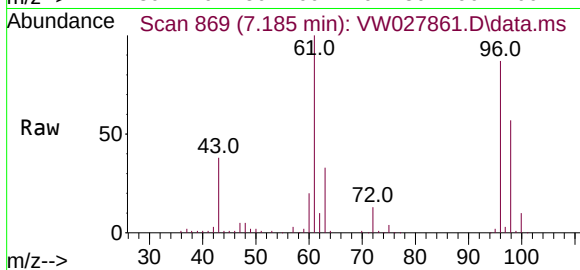
ClientSampleId :

Tgt Ion: 43 Resp: 38833

Ion Ratio Lower Upper

43 100

72 33.7 16.7 50.1



#23

Bromochloromethane

Concen: 24.750 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Tgt Ion: 128 Resp: 47622

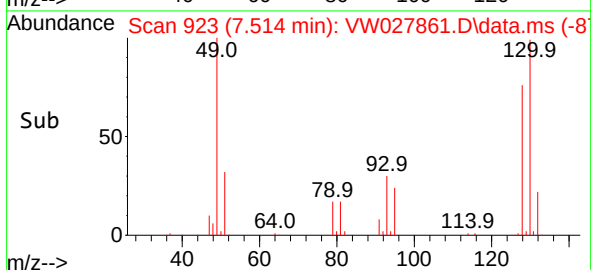
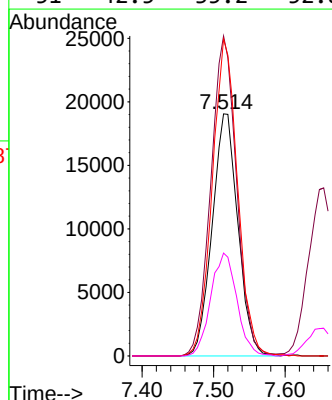
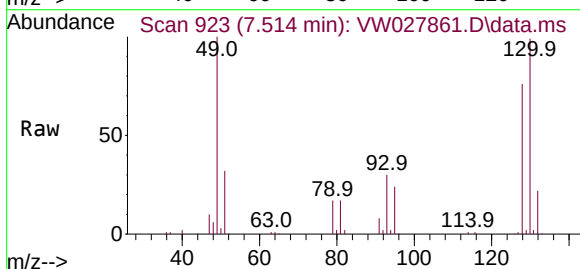
Ion Ratio Lower Upper

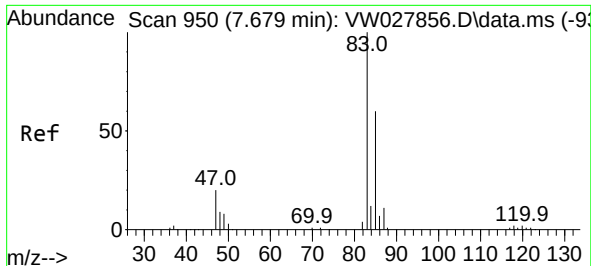
128 100

49 132.2 89.9 166.9

130 131.0 83.3 154.7

51 42.5 35.2 52.8

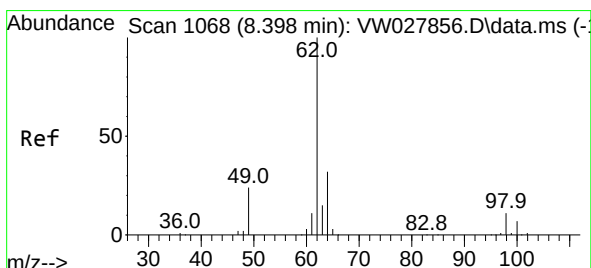
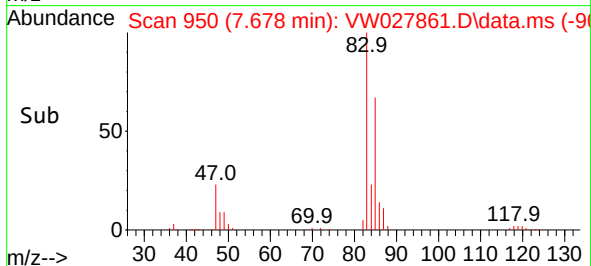
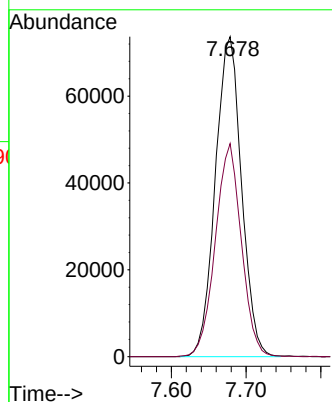
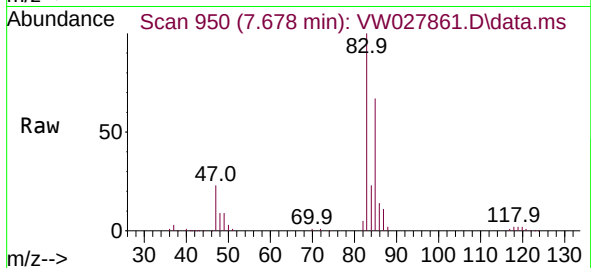




#25
Chloroform
Concen: 25.155 ug/L
RT: 7.678 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

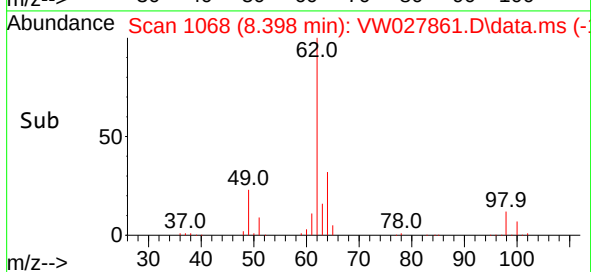
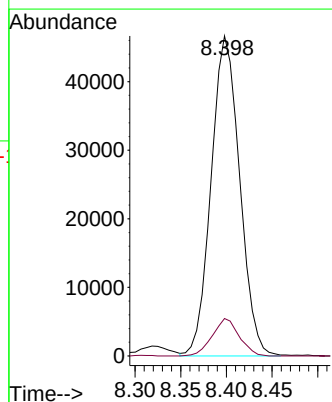
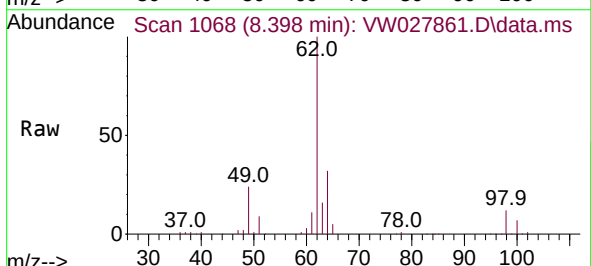
Instrument :
MSVOA_W
ClientSampleId :

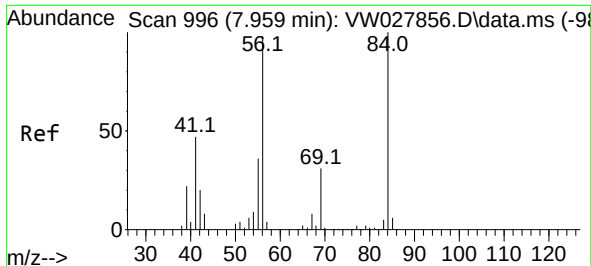
Tgt Ion: 83 Resp: 179880
Ion Ratio Lower Upper
83 100
85 66.6 43.7 81.1



#27
1,2-Dichloroethane
Concen: 25.082 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 62 Resp: 101374
Ion Ratio Lower Upper
62 100
98 11.7 8.1 12.1





#29

Cyclohexane

Concen: 25.668 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

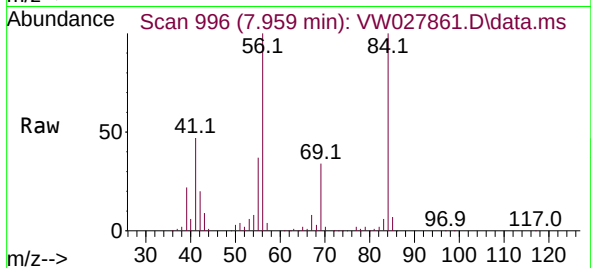
Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :



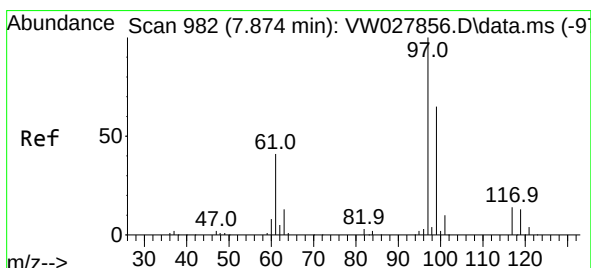
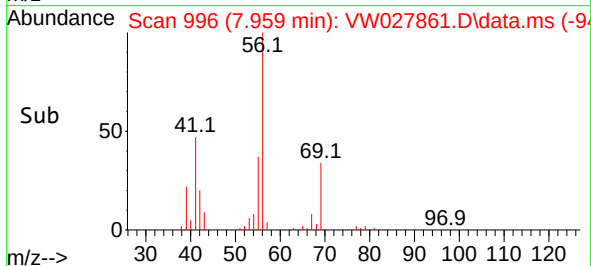
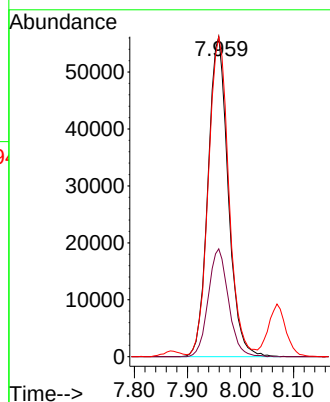
Tgt Ion: 56 Resp: 148347

Ion Ratio Lower Upper

56 100

69 33.7 25.8 38.6

84 101.8 79.0 118.4



#30

1,1,1-Trichloroethane

Concen: 26.715 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

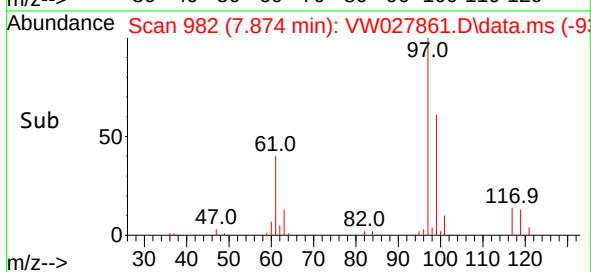
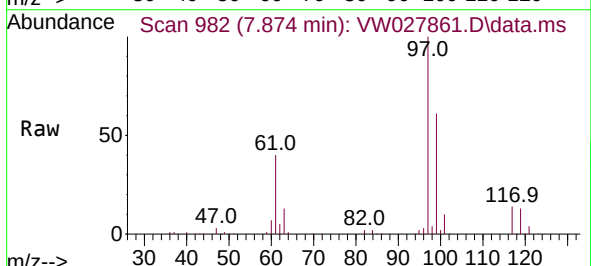
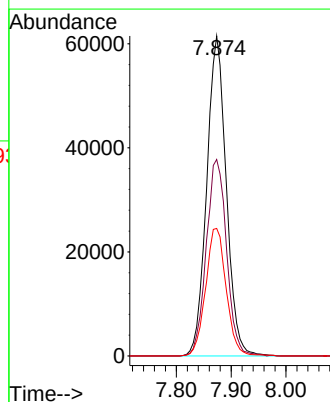
Tgt Ion: 97 Resp: 152197

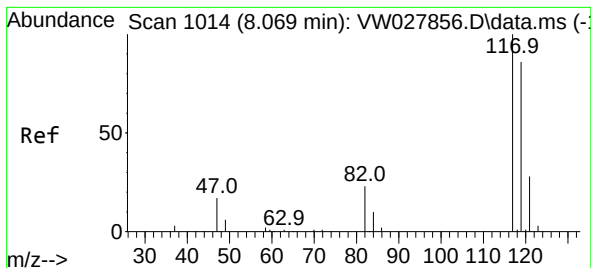
Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

61 42.0 33.6 50.4





#31

Carbon tetrachloride

Concen: 27.845 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

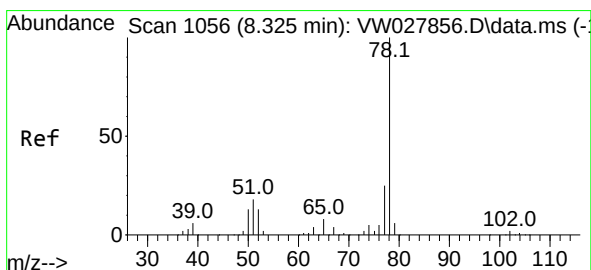
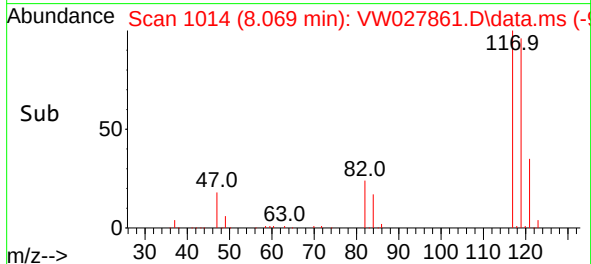
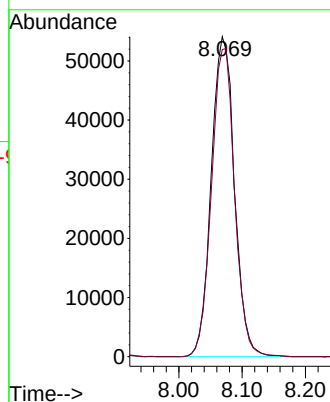
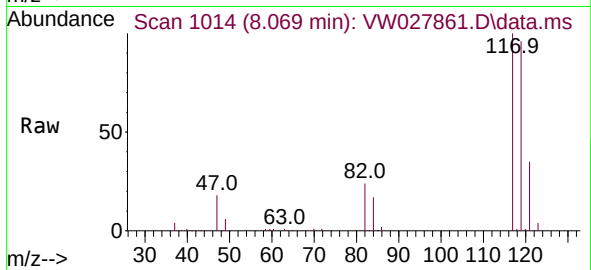
ClientSampleId :

Tgt Ion:117 Resp: 137609

Ion Ratio Lower Upper

117 100

119 96.0 74.8 112.2



#33

Benzene

Concen: 25.416 ug/L

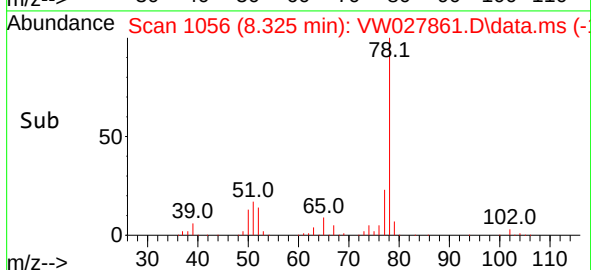
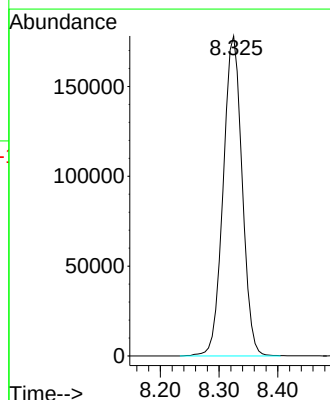
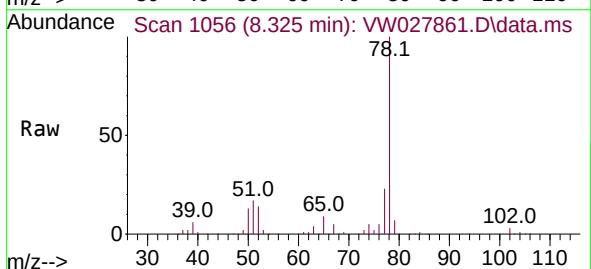
RT: 8.325 min Scan# 1056

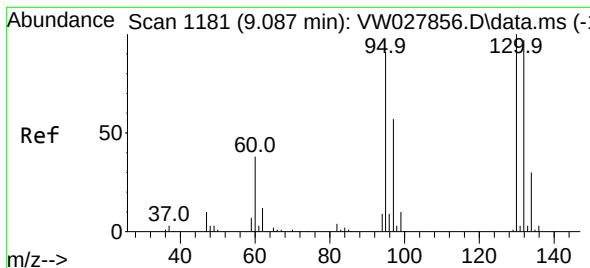
Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Tgt Ion: 78 Resp: 398498





#34

Trichloroethene

Concen: 26.128 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 111974

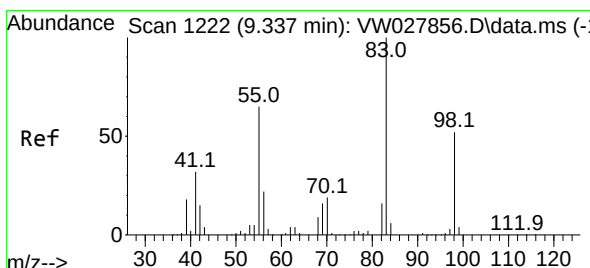
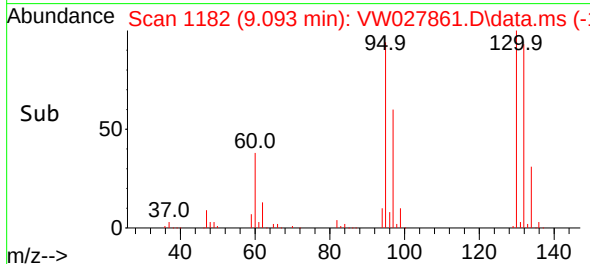
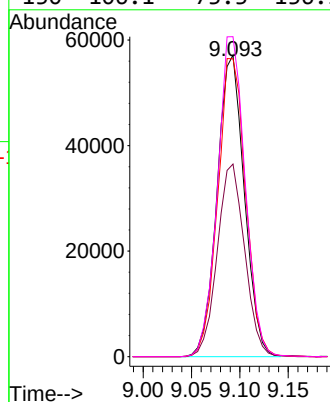
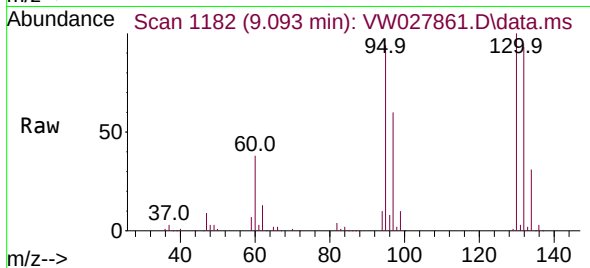
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.9

132 98.8 74.1 137.5

130 106.1 73.3 136.1



#35

Methylcyclohexane

Concen: 26.514 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

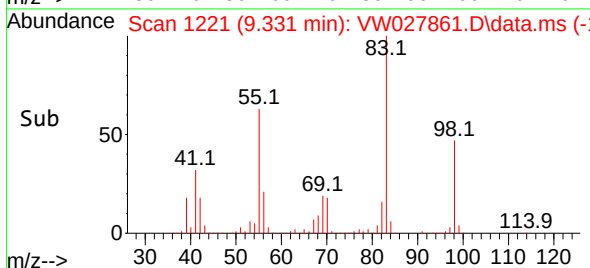
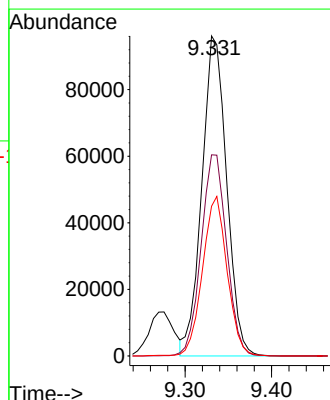
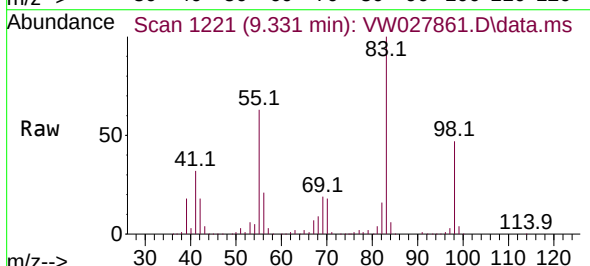
Tgt Ion: 83 Resp: 191240

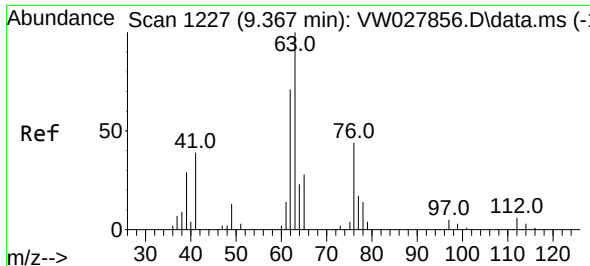
Ion Ratio Lower Upper

83 100

55 64.6 54.7 82.1

98 49.4 41.0 61.4





#37

1,2-Dichloropropane

Concen: 25.556 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

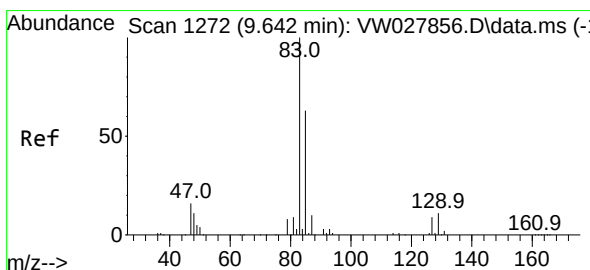
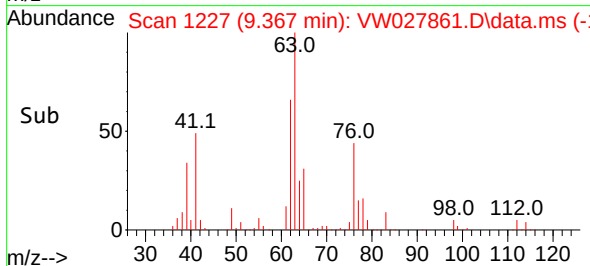
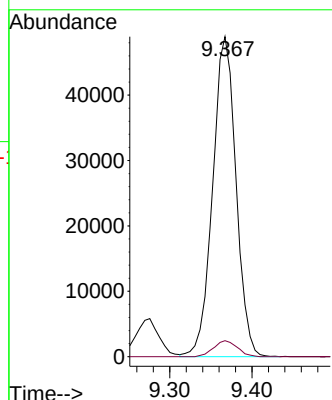
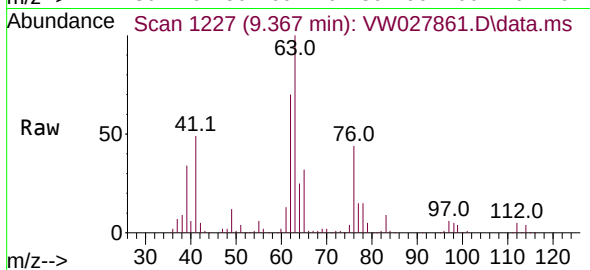
ClientSampleId :

Tgt Ion: 63 Resp: 96530

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 26.377 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

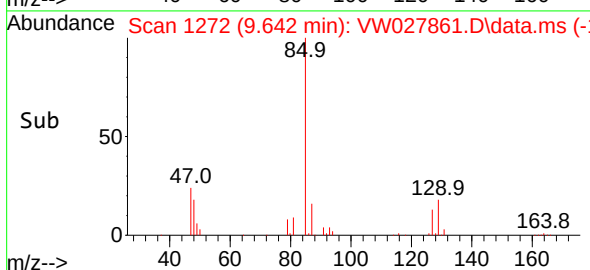
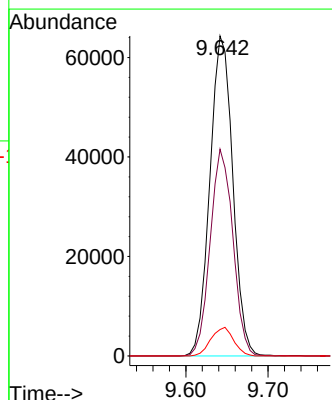
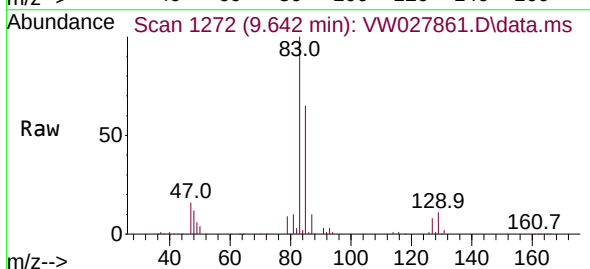
Tgt Ion: 83 Resp: 124575

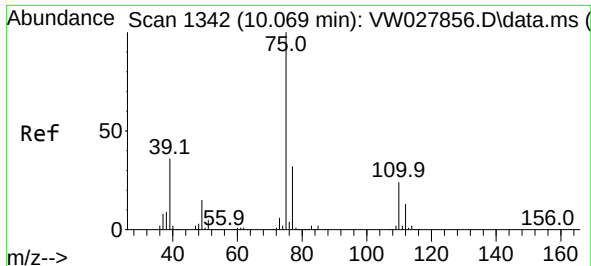
Ion Ratio Lower Upper

83 100

85 64.6 43.0 79.8

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.328 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

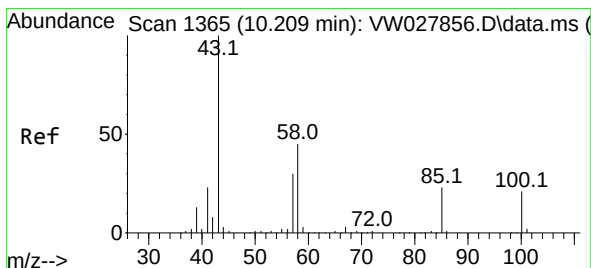
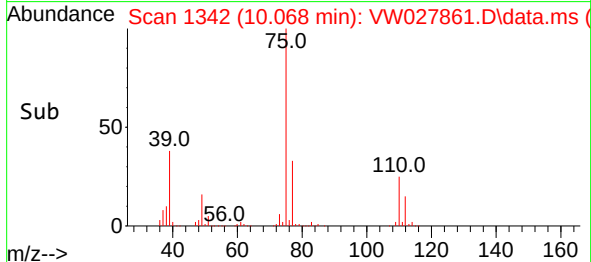
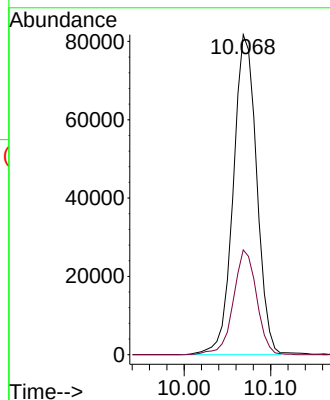
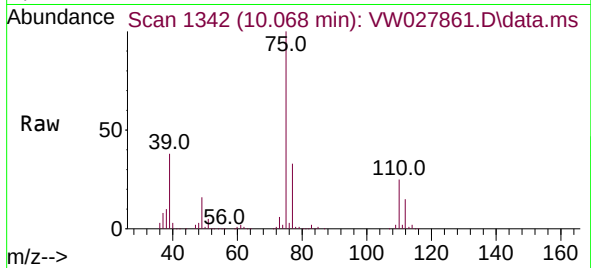
ClientSampleId :

Tgt Ion: 75 Resp: 153239

Ion Ratio Lower Upper

75 100

77 32.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 49.696 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

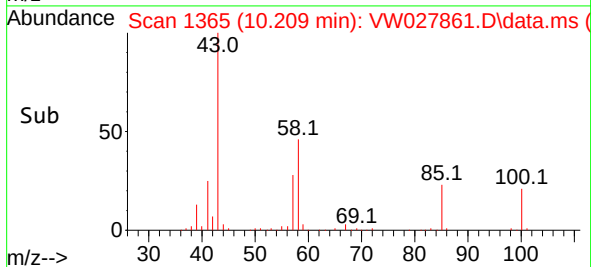
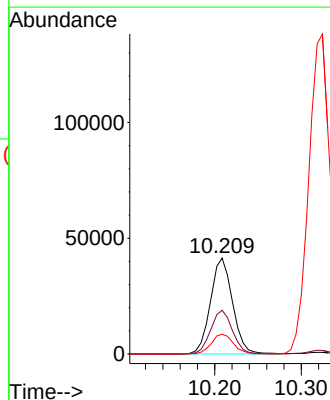
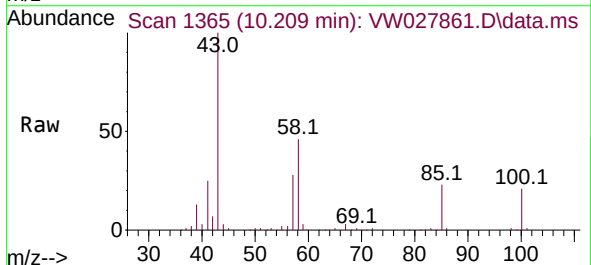
Tgt Ion: 43 Resp: 73220

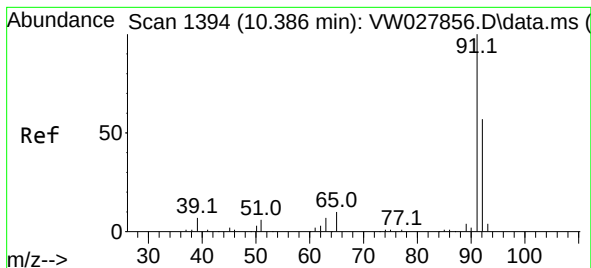
Ion Ratio Lower Upper

43 100

58 45.0 36.9 55.3

100 20.7 16.7 25.1





#42

Toluene

Concen: 26.209 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

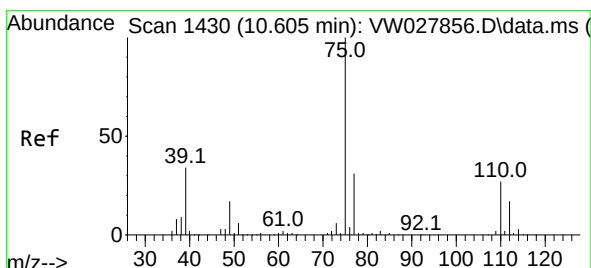
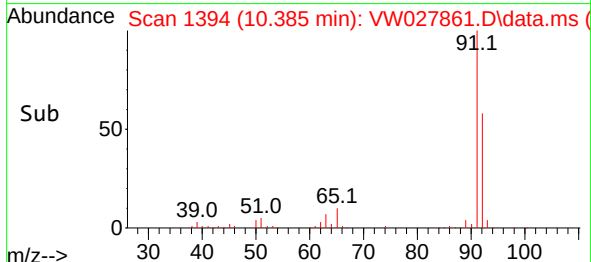
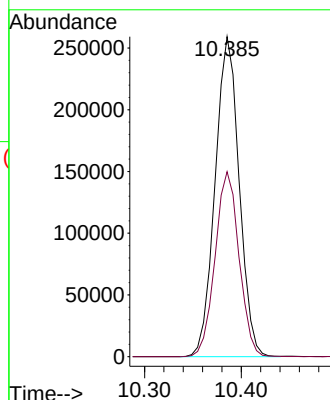
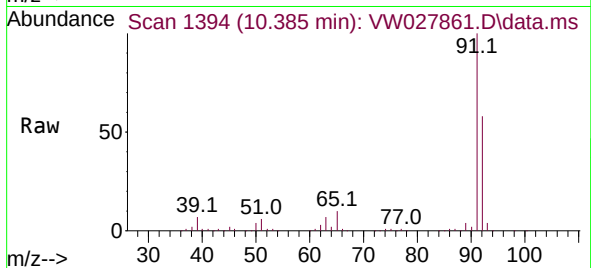
ClientSampleId :

Tgt Ion: 91 Resp: 447215

Ion Ratio Lower Upper

91 100

92 57.8 43.5 80.7



#44

trans-1,3-Dichloropropene

Concen: 26.866 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027861.D

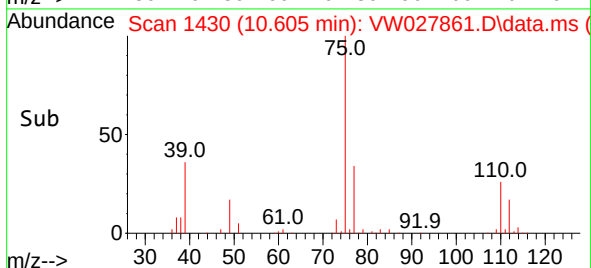
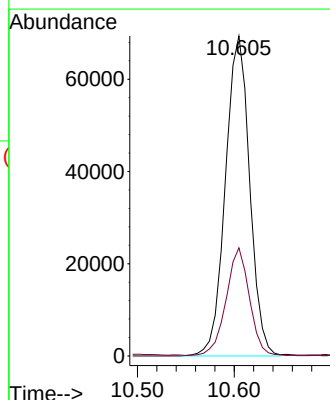
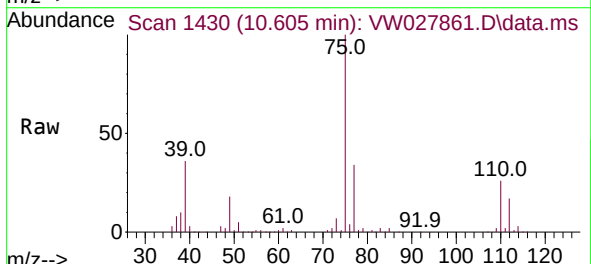
Acq: 30 Jan 2024 11:52

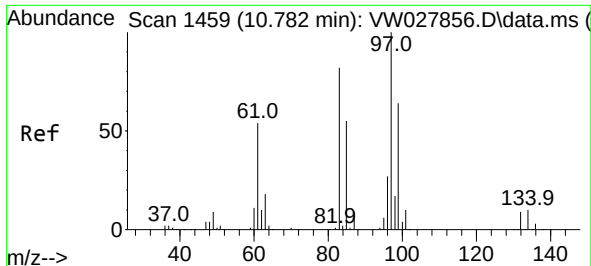
Tgt Ion: 75 Resp: 120703

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.472 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 72079

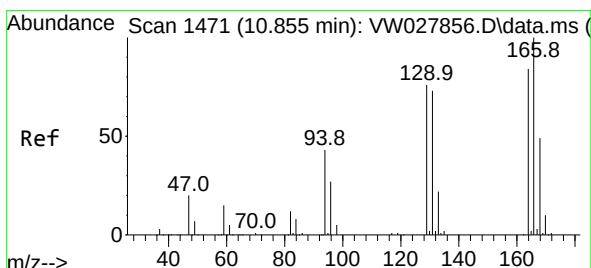
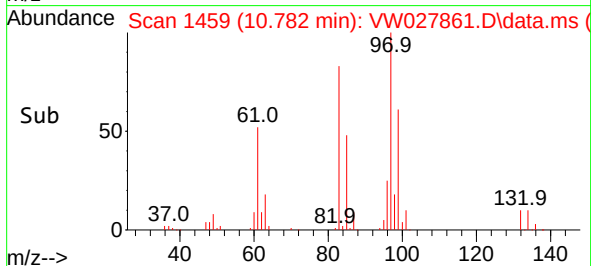
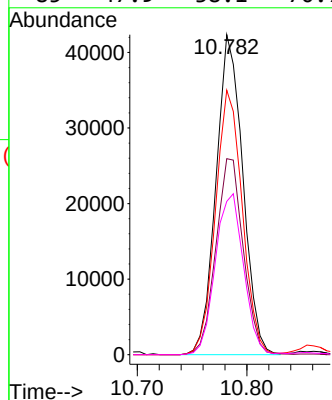
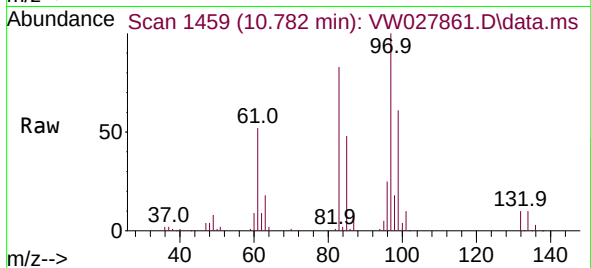
Ion Ratio Lower Upper

97 100

99 61.3 42.1 78.3

83 82.6 58.4 108.4

85 47.9 38.1 70.7



#46

Tetrachloroethene

Concen: 25.982 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Tgt Ion:164 Resp: 90793

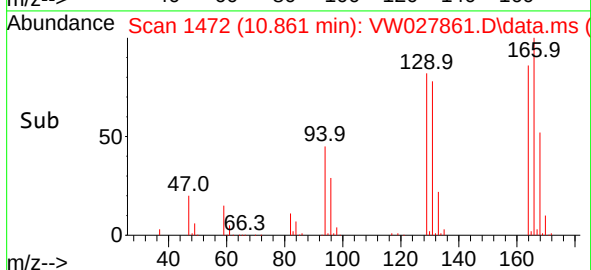
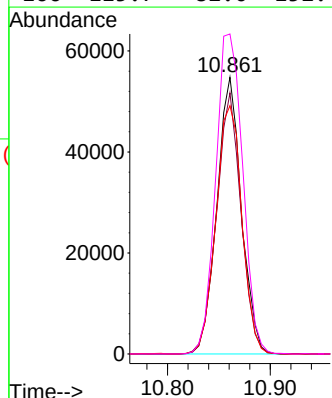
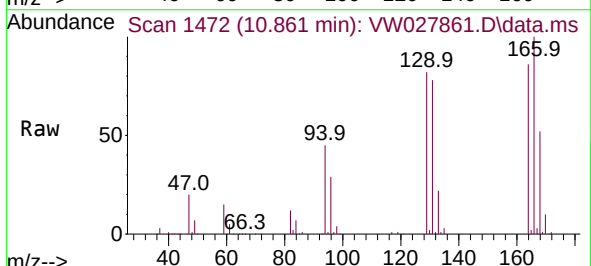
Ion Ratio Lower Upper

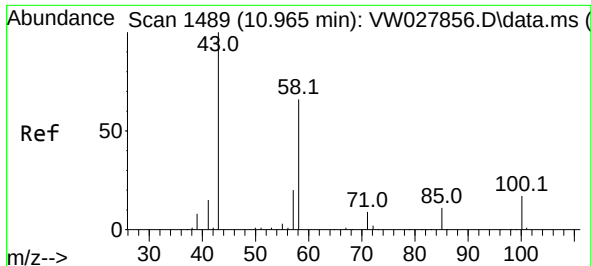
164 100

129 94.4 62.7 116.5

131 89.7 57.3 106.5

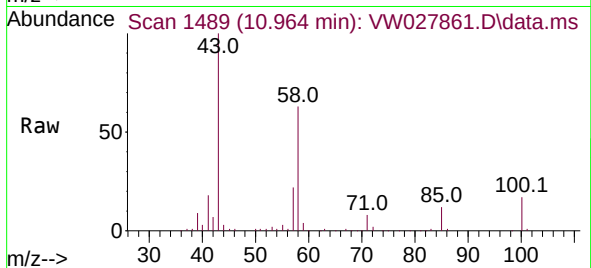
166 115.7 82.0 152.4



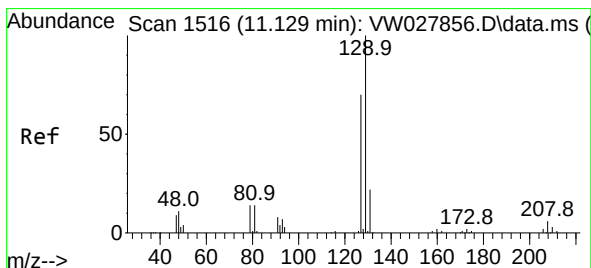
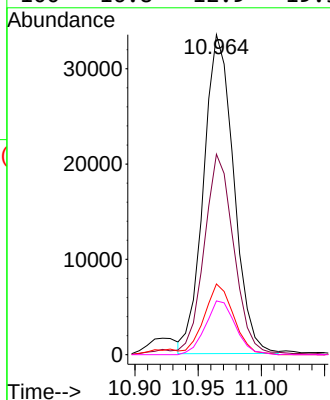
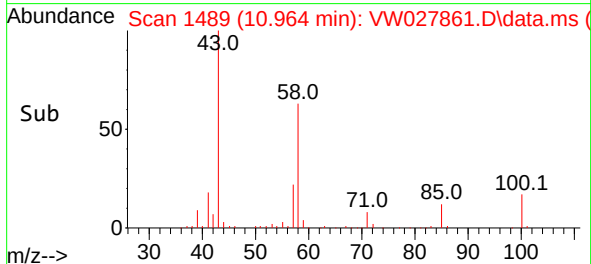


#48
2-Hexanone
Concen: 52.014 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

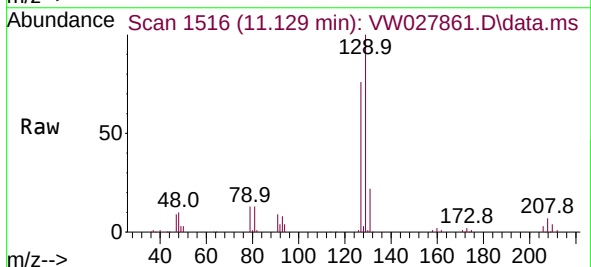
Instrument :
MSVOA_W
ClientSampleId :



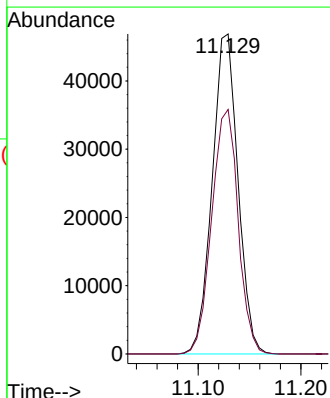
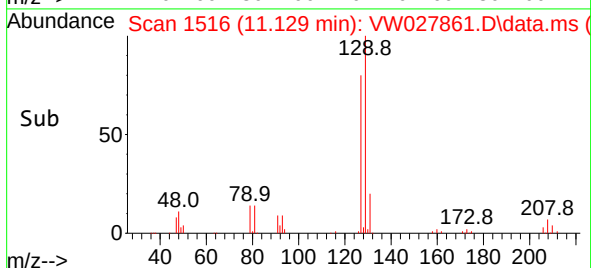
Tgt Ion:	43	Resp:	55489
Ion	Ratio	Lower	Upper
43	100		
58	62.4	49.3	73.9
57	21.8	17.0	25.4
100	16.8	12.9	19.3

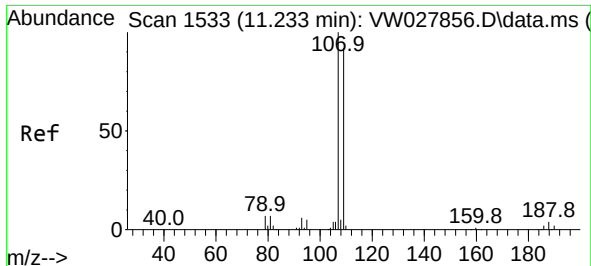


#49
Dibromochloromethane
Concen: 26.396 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52



Tgt Ion:	129	Resp:	81618
Ion	Ratio	Lower	Upper
129	100		
127	76.4	51.0	94.6





#50

1,2-Dibromoethane

Concen: 25.479 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027861.D

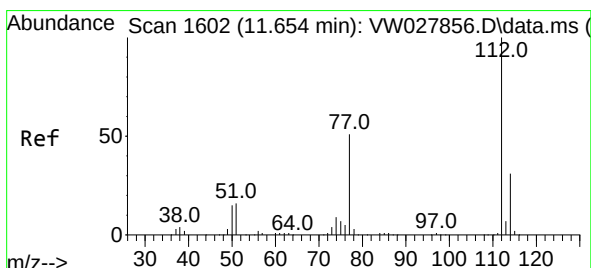
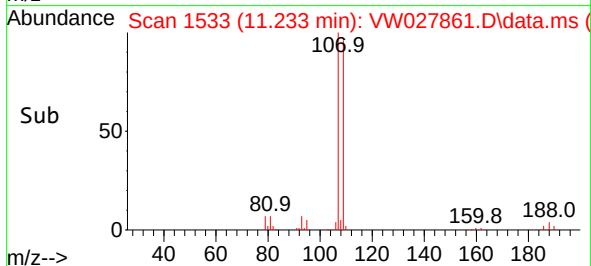
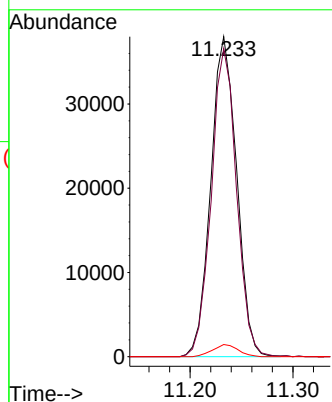
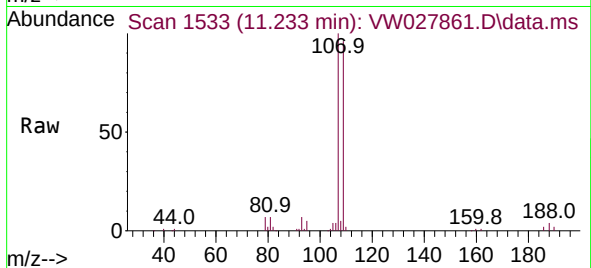
Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	66454
Ion	Ratio	Lower	Upper
107	100		
109	96.2	69.3	128.7
188	3.8	3.0	4.4



#51

Chlorobenzene

Concen: 25.815 ug/L

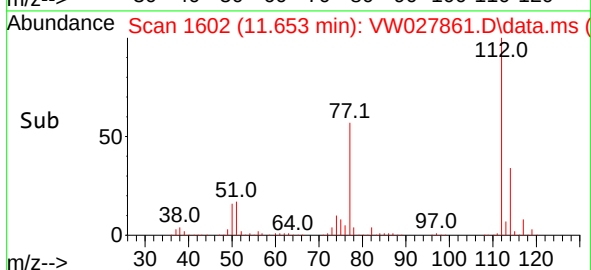
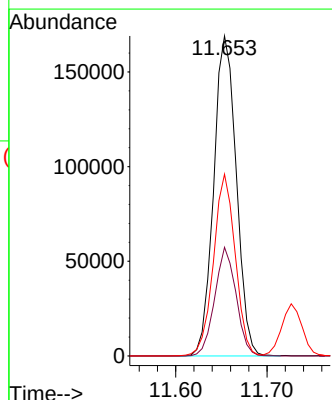
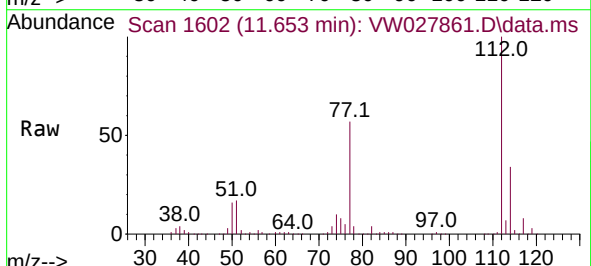
RT: 11.653 min Scan# 1602

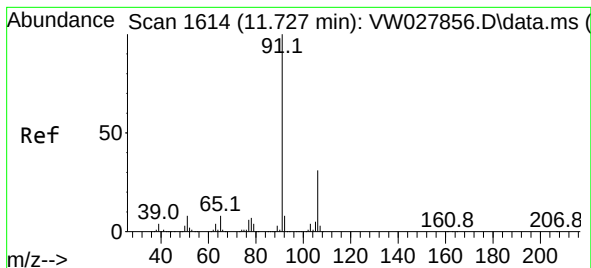
Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Tgt Ion:	112	Resp:	290862
Ion	Ratio	Lower	Upper
112	100		
114	33.9	21.3	39.6
77	56.8	44.5	66.7





#52

Ethylbenzene

Concen: 26.423 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

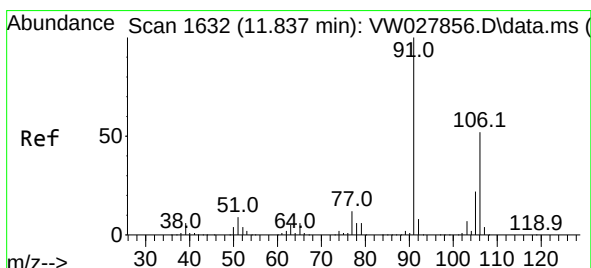
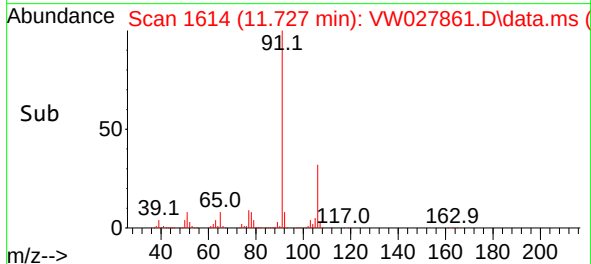
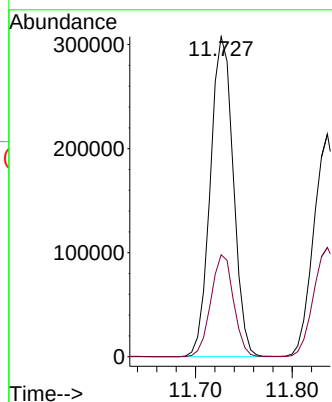
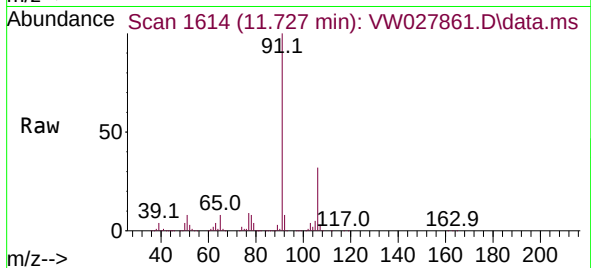
ClientSampleId :

Tgt Ion: 91 Resp: 508214

Ion Ratio Lower Upper

91 100

106 31.8 23.0 42.6



#53

m,p-Xylene

Concen: 26.431 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027861.D

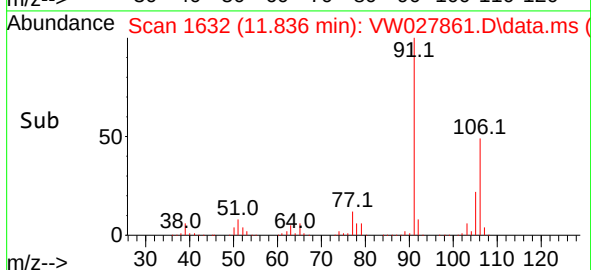
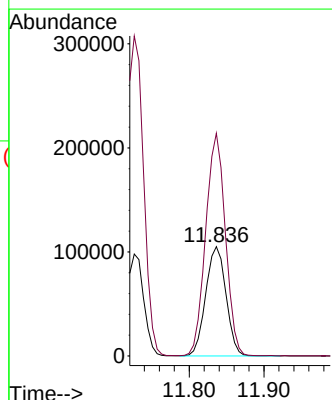
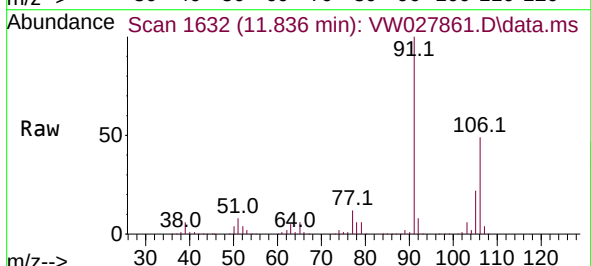
Acq: 30 Jan 2024 11:52

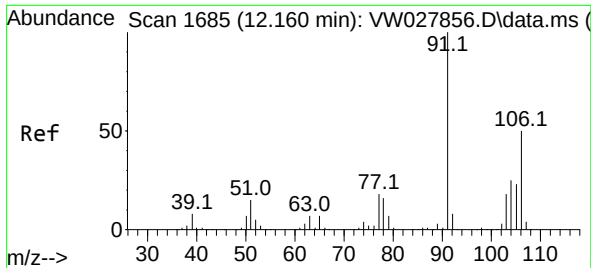
Tgt Ion:106 Resp: 197870

Ion Ratio Lower Upper

106 100

91 203.8 137.0 254.4

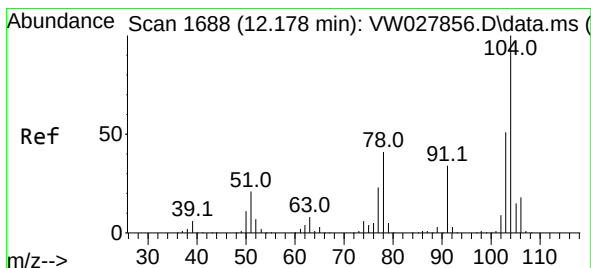
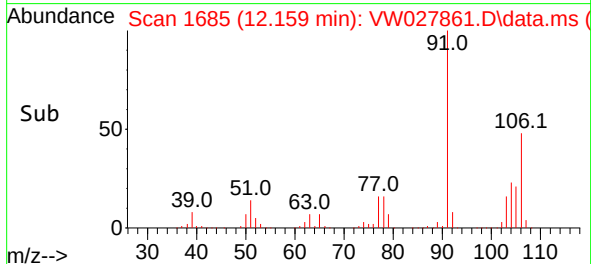
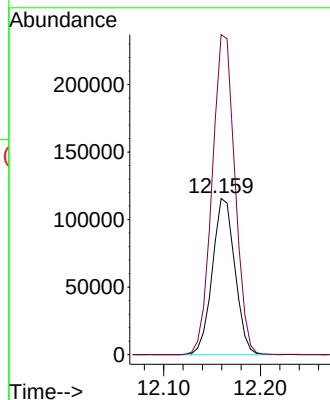
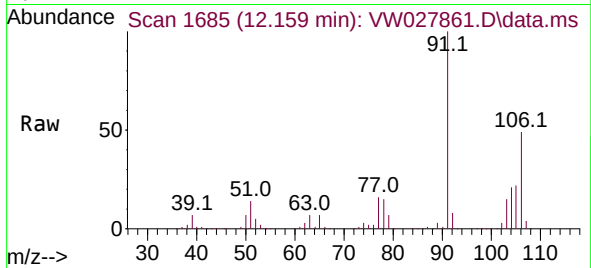




#54
o-Xylene
Concen: 26.706 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

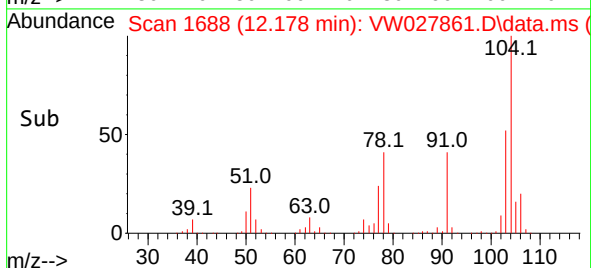
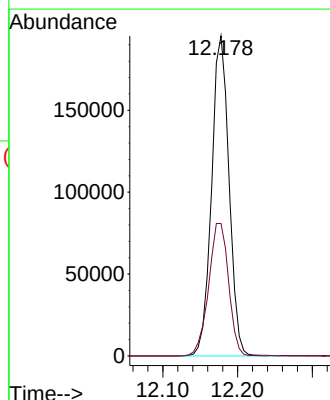
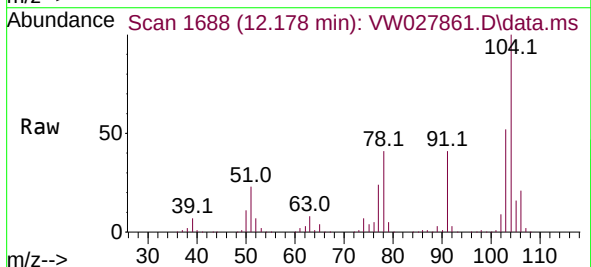
Instrument :
MSVOA_W
ClientSampleId :

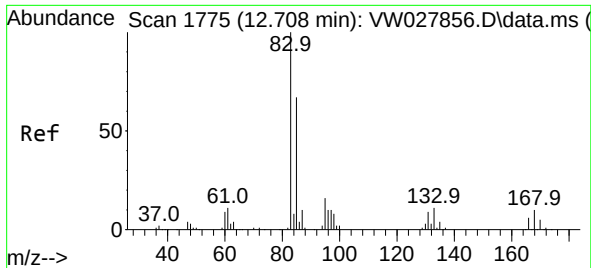
Tgt Ion:106 Resp: 187279
Ion Ratio Lower Upper
106 100
91 204.6 146.4 271.8



#55
Styrene
Concen: 26.748 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Tgt Ion:104 Resp: 316880
Ion Ratio Lower Upper
104 100
78 41.4 28.8 53.6

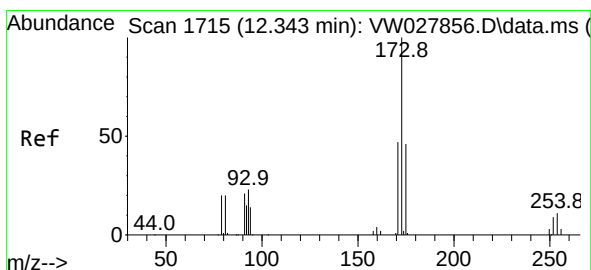
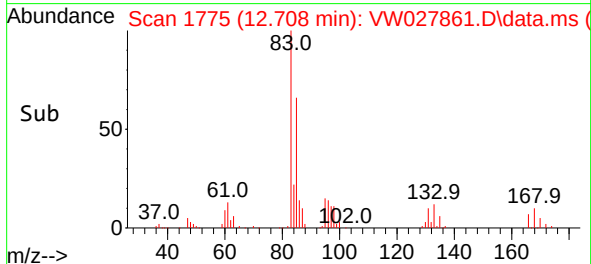
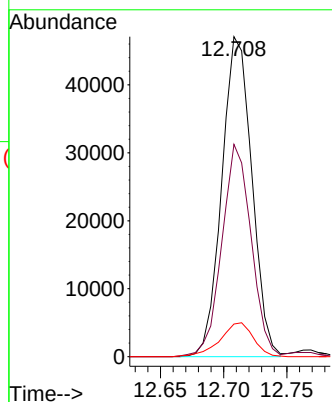
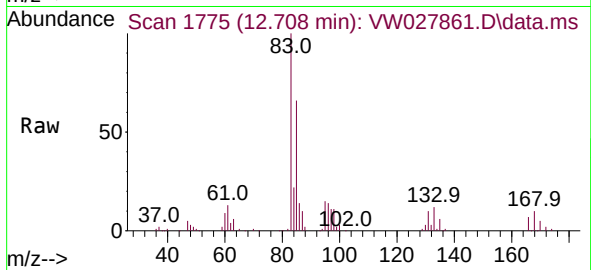




#57
1,1,2,2-Tetrachloroethane
Concen: 25.510 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

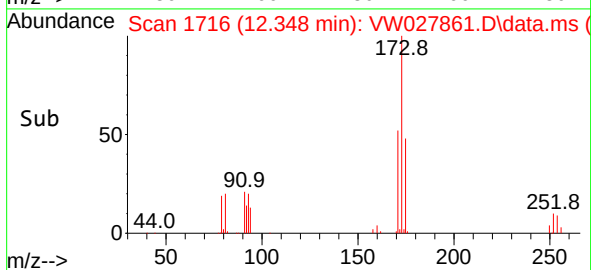
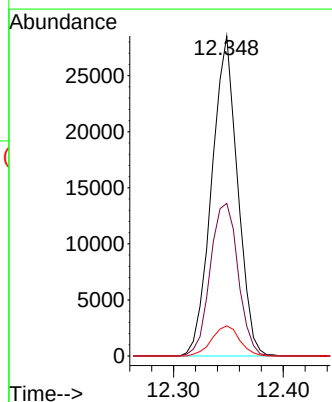
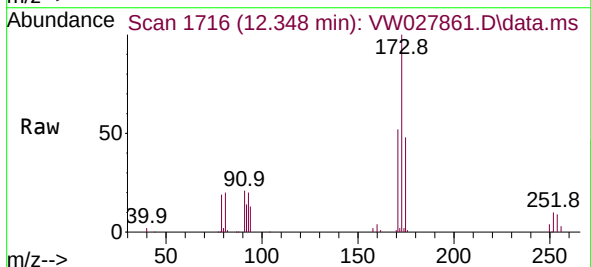
Instrument :
MSVOA_W
ClientSampleId :

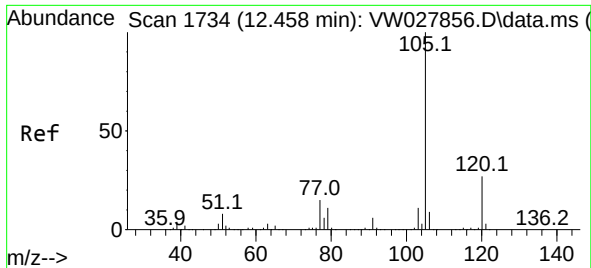
Tgt Ion: 83 Resp: 77825
Ion Ratio Lower Upper
83 100
85 66.3 43.2 80.2
131 10.2 8.2 12.2



#59
Bromoform
Concen: 26.260 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

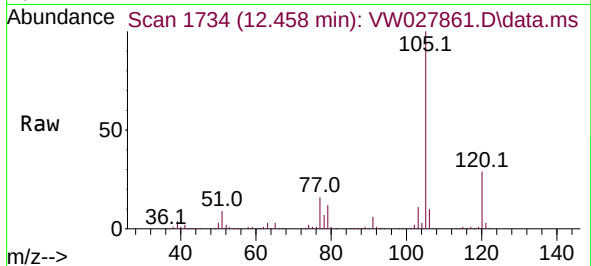
Tgt Ion:173 Resp: 46884
Ion Ratio Lower Upper
173 100
175 51.3 35.9 53.9
254 10.1 5.1 7.7#



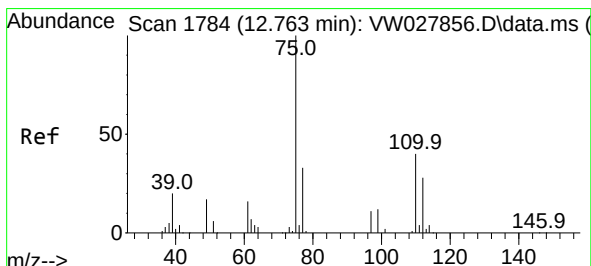
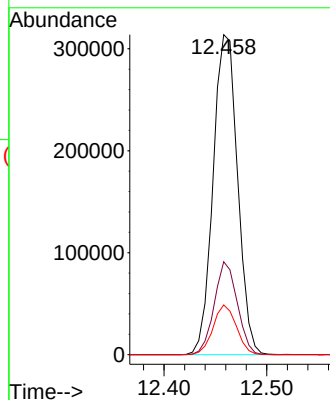
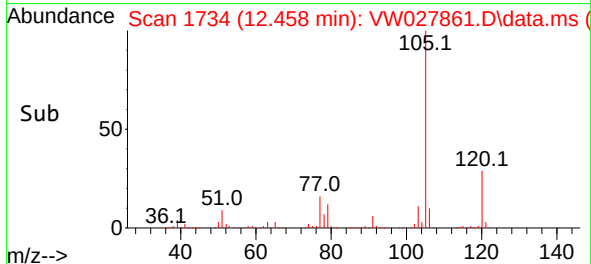


#60
Isopropylbenzene
Concen: 26.265 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

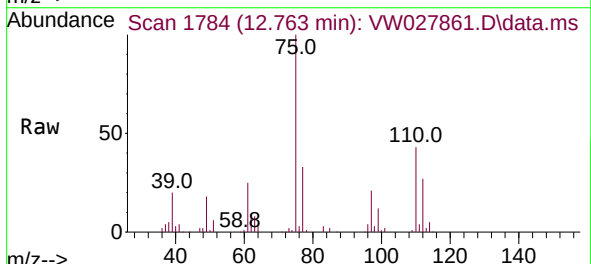
Instrument :
MSVOA_W
ClientSampleId :



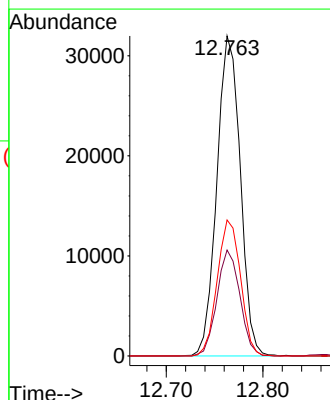
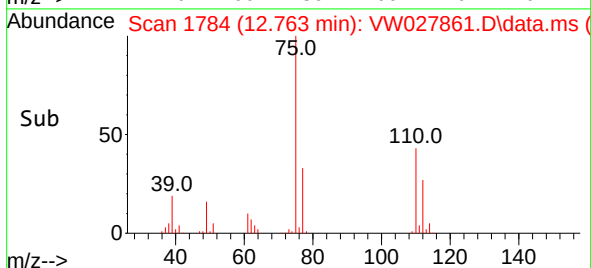
Tgt Ion:105 Resp: 519235
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 14.8 11.8 17.6

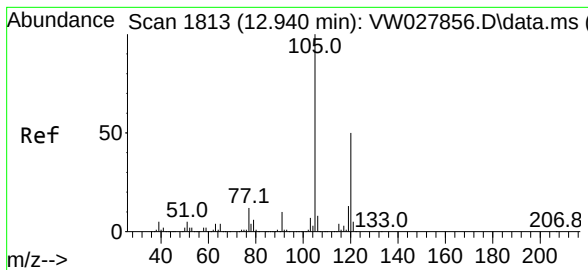


#61
1,2,3-Trichloropropane
Concen: 24.432 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52



Tgt Ion: 75 Resp: 53792
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
110 42.3 33.1 49.7

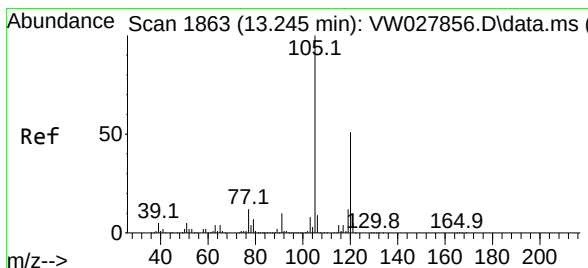
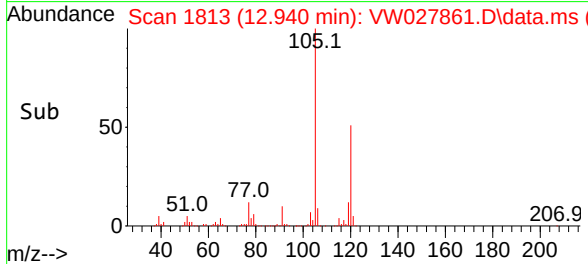
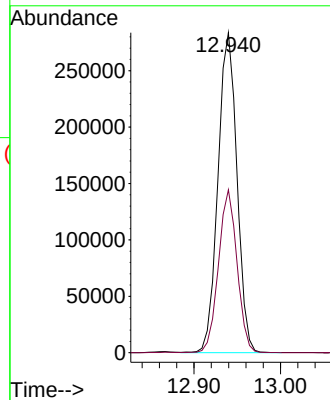
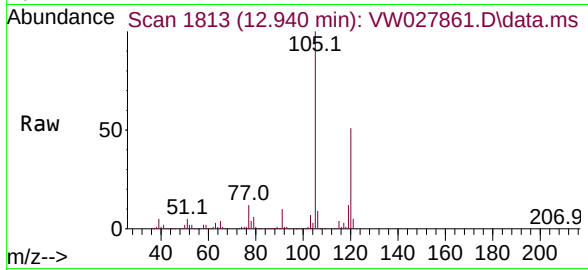




#62
 1,3,5-Trimethylbenzene
 Concen: 27.198 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027861.D
 Acq: 30 Jan 2024 11:52

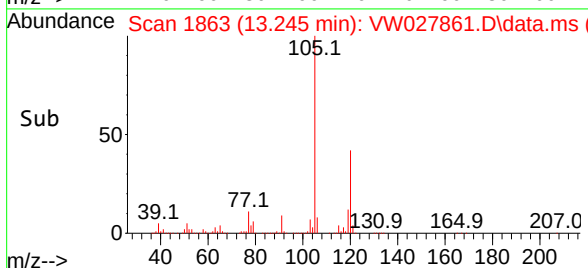
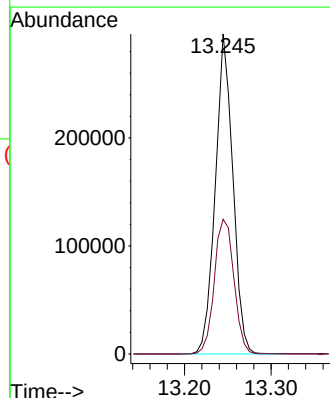
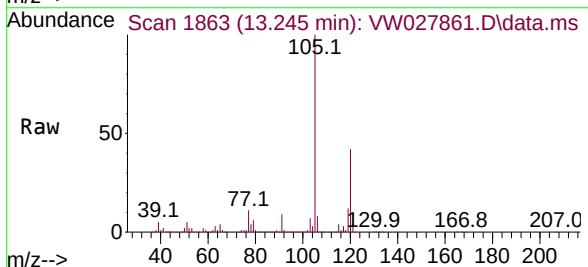
Instrument :
 MSVOA_W
 ClientSampleId :

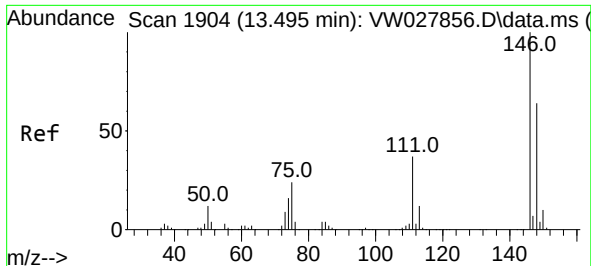
Tgt Ion:105 Resp: 431983
 Ion Ratio Lower Upper
 105 100
 120 49.7 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 26.468 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027861.D
 Acq: 30 Jan 2024 11:52

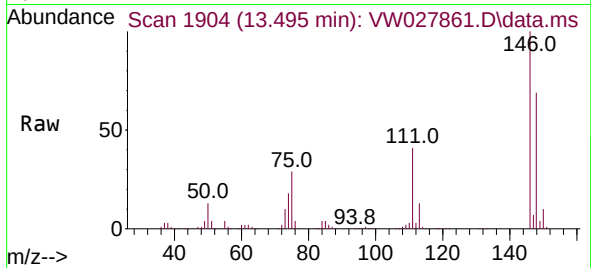
Tgt Ion:105 Resp: 417109
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.2 57.2



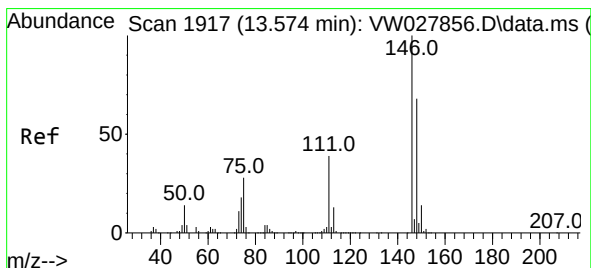
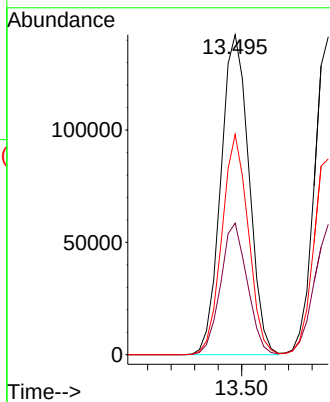
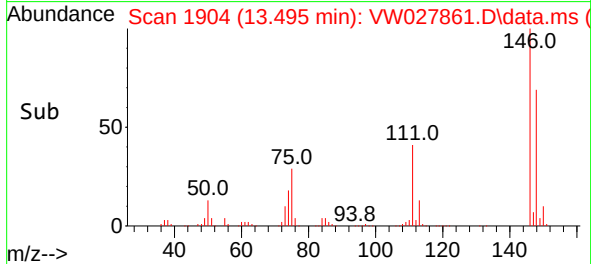


#64
1,3-Dichlorobenzene
Concen: 26.106 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

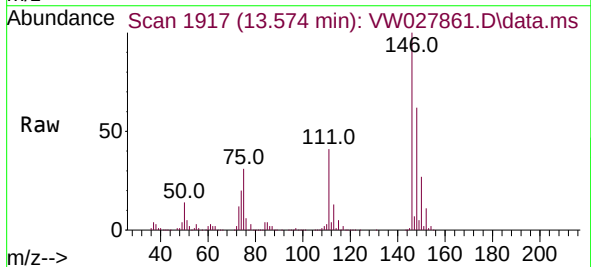
Instrument :
MSVOA_W
ClientSampleId :



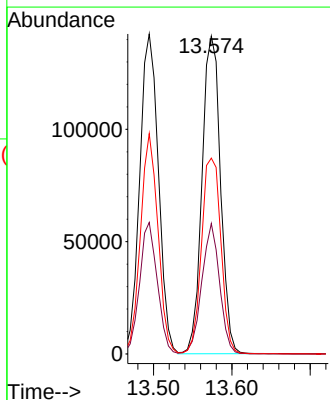
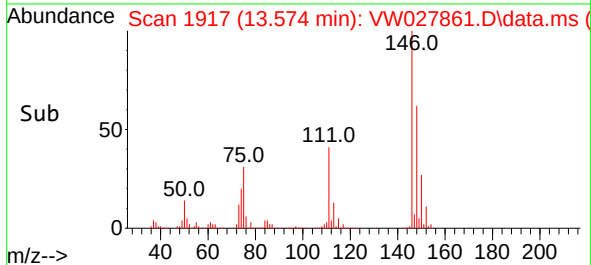
Tgt Ion:146 Resp: 236762
Ion Ratio Lower Upper
146 100
111 41.1 27.2 50.6
148 68.8 45.5 84.5

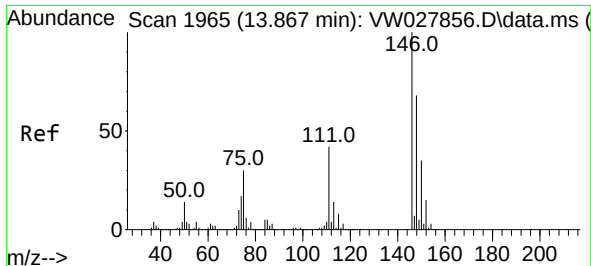


#65
1,4-Dichlorobenzene
Concen: 26.123 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52



Tgt Ion:146 Resp: 231573
Ion Ratio Lower Upper
146 100
111 41.0 26.6 49.4
148 61.6 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 26.639 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

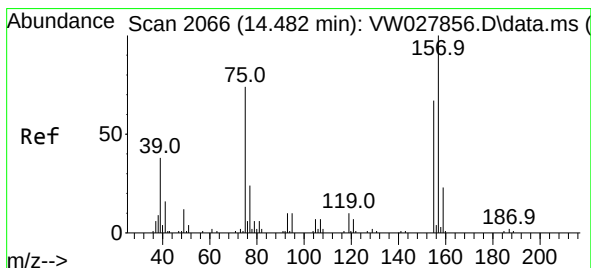
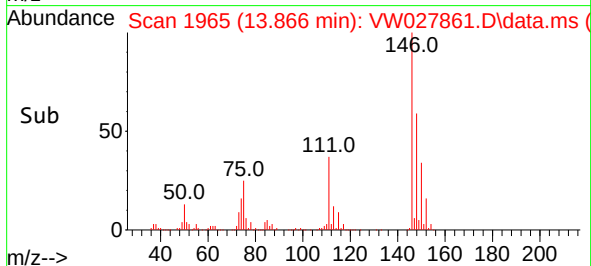
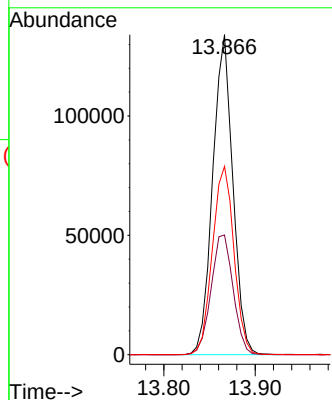
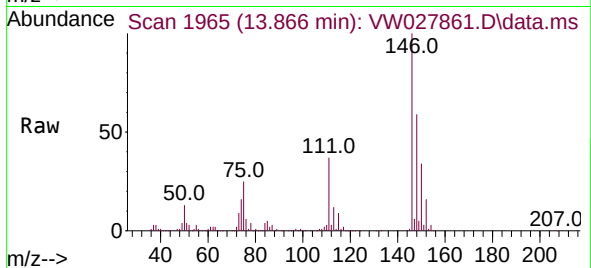
Tgt Ion:146 Resp: 205914

Ion Ratio Lower Upper

146 100

111 37.4 34.9 52.3

148 58.8 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.201 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

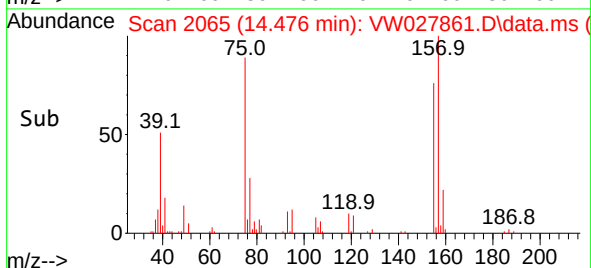
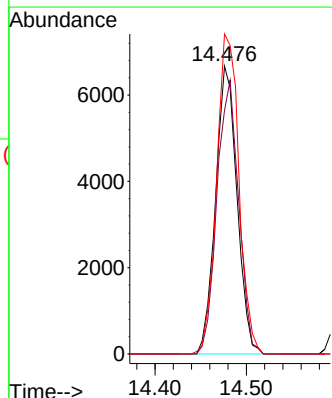
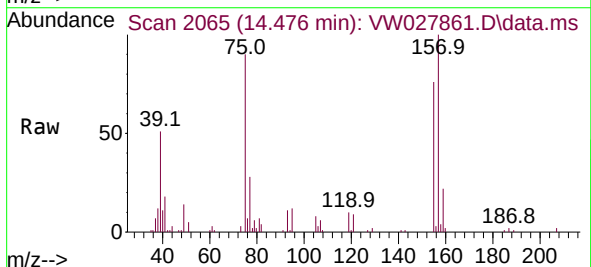
Tgt Ion: 75 Resp: 10828

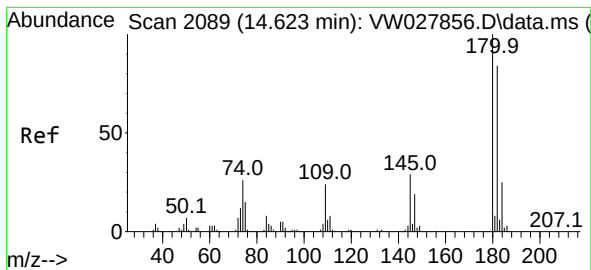
Ion Ratio Lower Upper

75 100

155 84.6 67.8 101.8

157 111.2 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 26.480 ug/L

RT: 14.628 min Scan# 2089

Delta R.T. 0.006 min

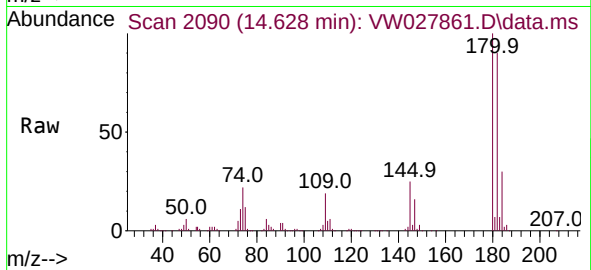
Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 165346

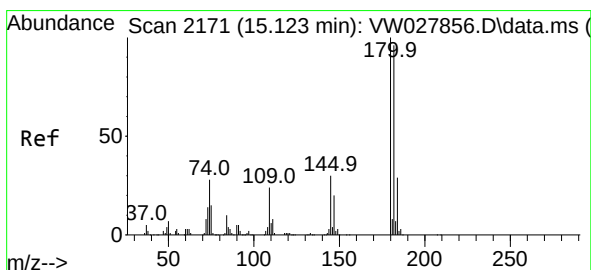
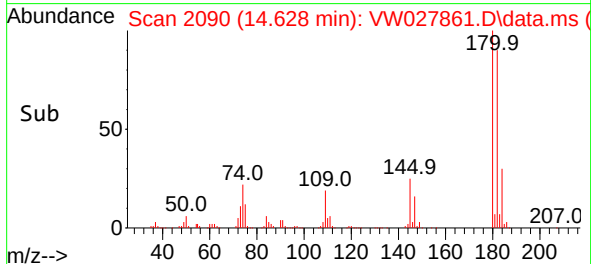
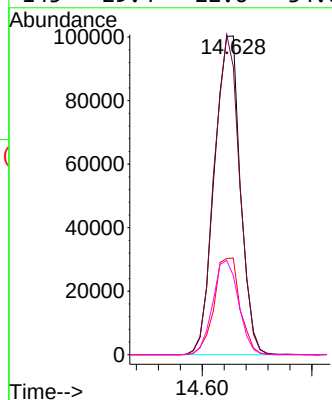
Ion Ratio Lower Upper

180 100

182 98.1 72.6 109.0

184 30.3 22.7 34.1

145 29.4 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 26.207 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027861.D

Acq: 30 Jan 2024 11:52

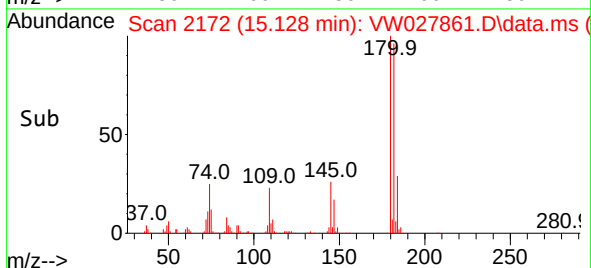
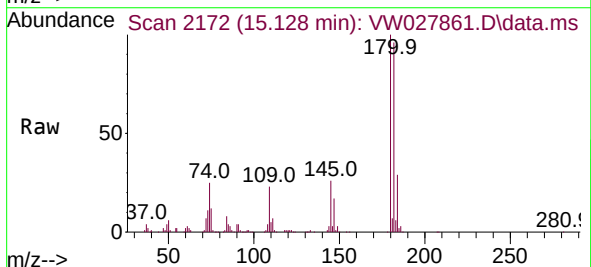
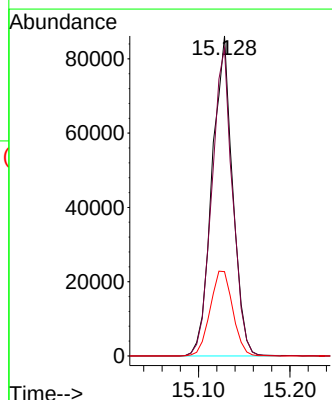
Tgt Ion:180 Resp: 134366

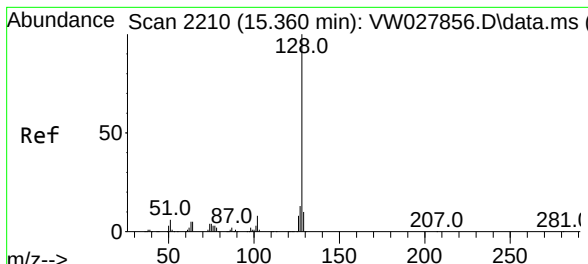
Ion Ratio Lower Upper

180 100

182 97.0 69.4 104.2

145 29.2 23.4 35.2

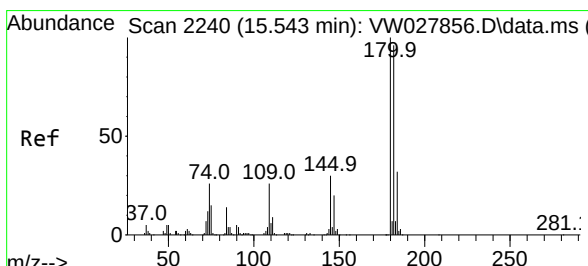
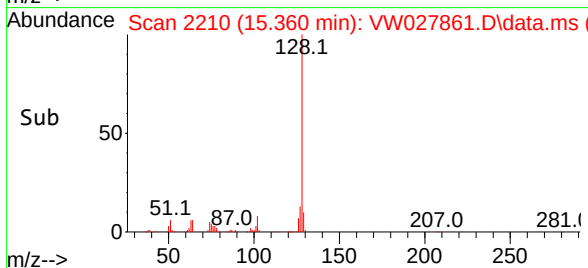
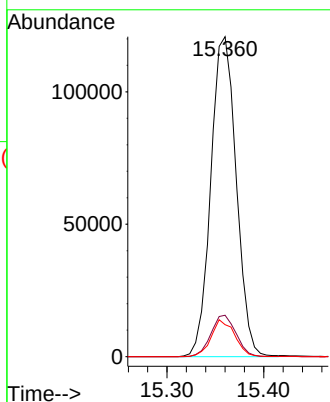
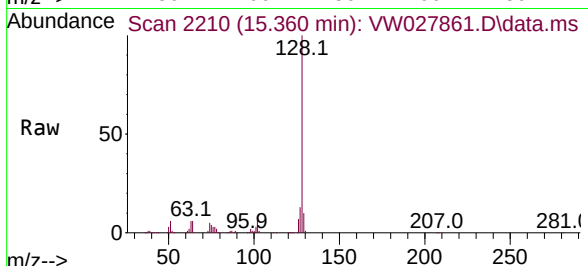




#71
Naphthalene
Concen: 26.216 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	220796
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 27.469 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027861.D
Acq: 30 Jan 2024 11:52

Tgt Ion:	180	Resp:	118443
Ion Ratio	Lower	Upper	
180	100		
182	90.9	74.7	112.1
145	30.5	25.0	37.6

