

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012424\
 Data File : VW027854.D
 Acq On : 24 Jan 2024 13:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 25 00:26:30 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	380586	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	350011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178830	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88395	19.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.120%
7) Chloroethane-d5	2.899	69	59909	14.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.840%
11) 1,1-Dichloroethene-d2	4.021	65	38752	18.546	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.200%
21) 2-Butanone-d5	7.087	46	35656	46.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
24) Chloroform-d	7.648	84	192657	20.934	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.720%
26) 1,2-Dichloroethane-d4	8.307	65	89339	21.427	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.720%
32) Benzene-d6	8.270	84	399464	20.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.440%
36) 1,2-Dichloropropane-d6	9.270	67	113233	20.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.400%
41) Toluene-d8	10.318	98	381524	20.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.160%
43) trans-1,3-Dichloroprop...	10.575	79	45826	21.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	10.922	63	33897	46.988	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86494	22.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	134181	21.344	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85434	21.640	ug/L	99
3) Chloromethane	2.228	50	97385	19.850	ug/L	93
5) Vinyl chloride	2.375	62	122856	24.811	ug/L	99
6) Bromomethane	2.795	94	81140	21.046	ug/L	92
8) Chloroethane	2.942	64	61727	18.922	ug/L	99
9) Trichlorofluoromethane	3.271	101	114917	20.225	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103171	22.310	ug/L	96
12) 1,1-Dichloroethene	4.045	96	104834	23.158	ug/L	94
13) Acetone	4.149	43	37611	38.312	ug/L	100
14) Carbon disulfide	4.387	76	312656	22.468	ug/L	99
15) Methyl Acetate	4.679	43	32452	24.299	ug/L #	72
16) Methylene chloride	4.923	84	110029	19.941	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	112187	23.194	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	143092	24.214	ug/L	100
19) 1,1-Dichloroethane	6.216	63	191731	23.366	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	125438	23.844	ug/L	93
22) 2-Butanone	7.185	43	46304	48.626	ug/L	100
23) Bromochloromethane	7.514	128	54724	23.975	ug/L	95
25) Chloroform	7.673	83	199890	23.563	ug/L	98

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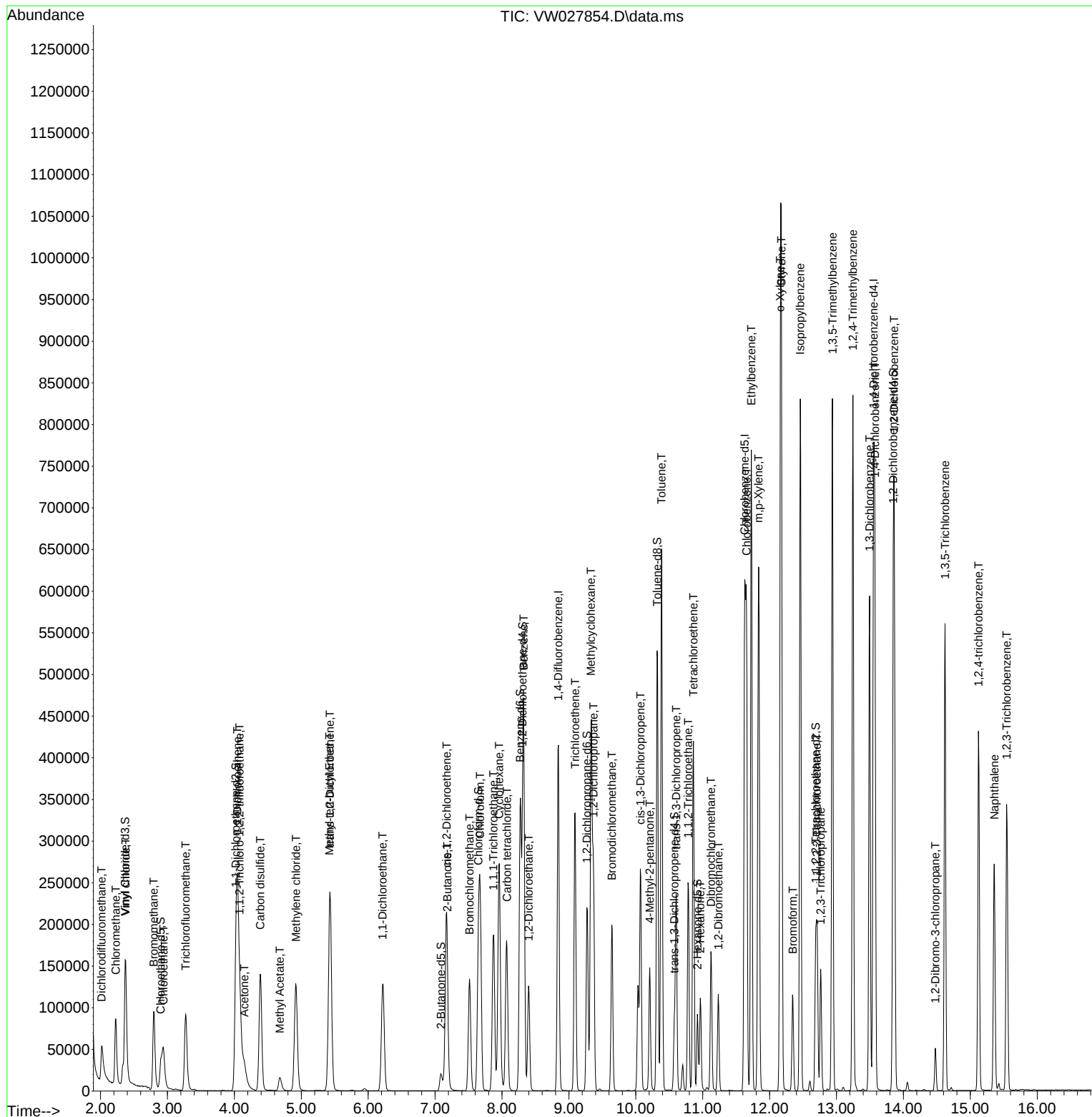
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114868	23.957	ug/L	100
29) Cyclohexane	7.959	56	163426	22.947	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	162050	23.084	ug/L	99
31) Carbon tetrachloride	8.075	117	143652	23.590	ug/L	95
33) Benzene	8.325	78	448664	23.223	ug/L	100
34) Trichloroethene	9.093	95	121881	23.080	ug/L	96
35) Methylcyclohexane	9.331	83	202627	22.798	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108470	23.305	ug/L	99
38) Bromodichloromethane	9.642	83	140013	24.058	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	170716	23.803	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	88797	48.910	ug/L	99
42) Toluene	10.386	91	494866	23.536	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	137692	24.872	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83253	23.876	ug/L	97
46) Tetrachloroethene	10.861	164	97109	22.552	ug/L	91
48) 2-Hexanone	10.965	43	65003	49.449	ug/L	97
49) Dibromochloromethane	11.123	129	90613	23.782	ug/L	85
50) 1,2-Dibromoethane	11.233	107	79183	24.638	ug/L	94
51) Chlorobenzene	11.654	112	321046	23.123	ug/L	97
52) Ethylbenzene	11.727	91	551254	23.259	ug/L	100
53) m,p-Xylene	11.837	106	218074	23.640	ug/L	96
54) o-Xylene	12.160	106	208611	24.142	ug/L	96
55) Styrene	12.178	104	359669	24.638	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	93080	24.760	ug/L	97
59) Bromoform	12.349	173	56396	25.683	ug/L	97
60) Isopropylbenzene	12.458	105	561411	23.090	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63639	23.502	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	463759	23.740	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	456259	23.540	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	258069	23.136	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	247525	22.703	ug/L	88
67) 1,2-Dichlorobenzene	13.861	146	223937	23.555	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12413	23.490	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	186295	24.258	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	144261	22.878	ug/L	90
71) Naphthalene	15.360	128	257220	24.832	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	125862	23.734	ug/L	98

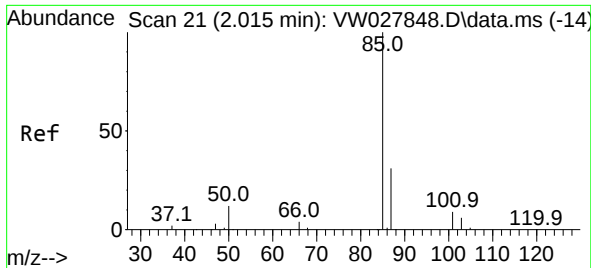
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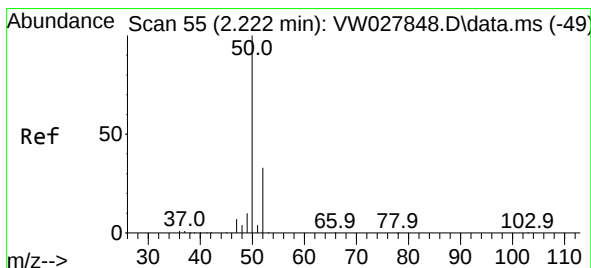
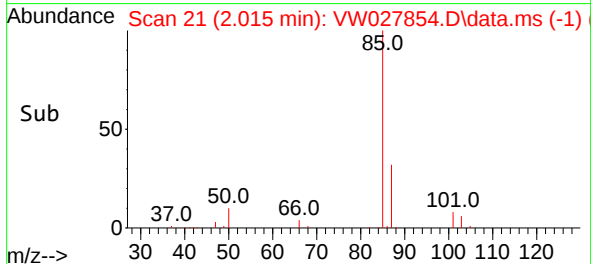
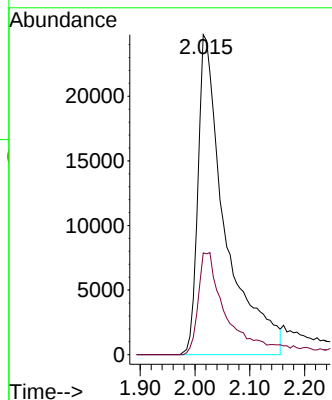
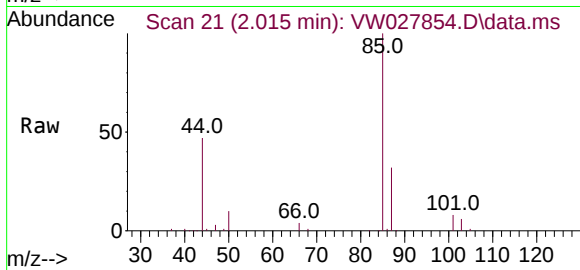




#2
 Dichlorodifluoromethane
 Concen: 21.640 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

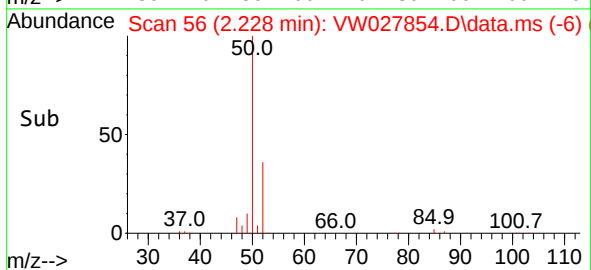
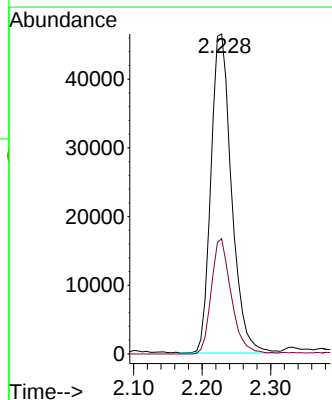
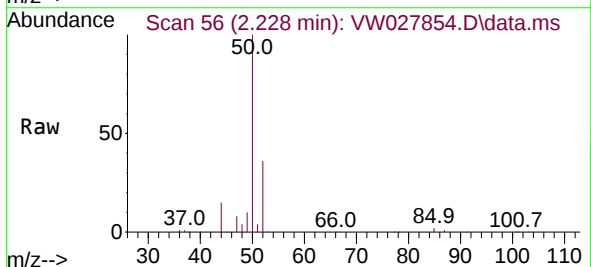
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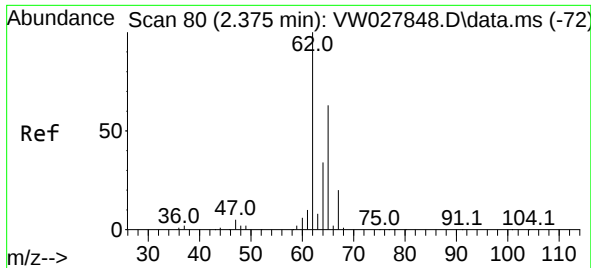
Tgt Ion: 85 Resp: 85434
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.0 37.4



#3
 Chloromethane
 Concen: 19.850 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

Tgt Ion: 50 Resp: 97385
 Ion Ratio Lower Upper
 50 100
 52 36.0 22.5 41.7

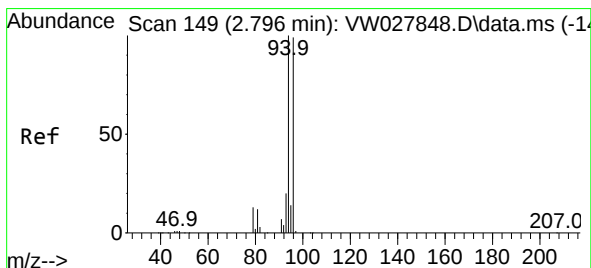
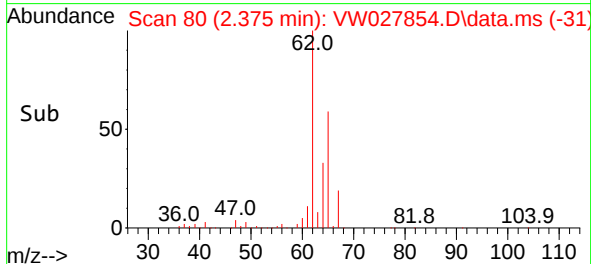
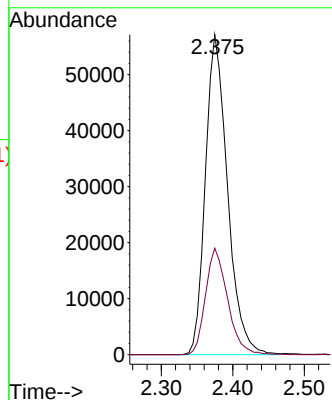
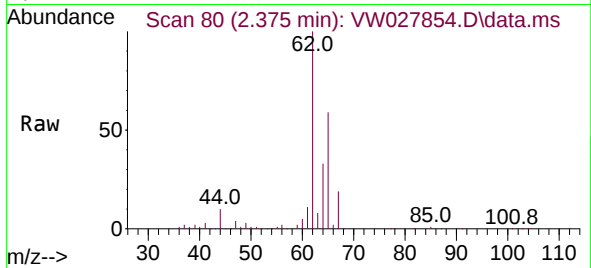




#5
 Vinyl chloride
 Concen: 24.811 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

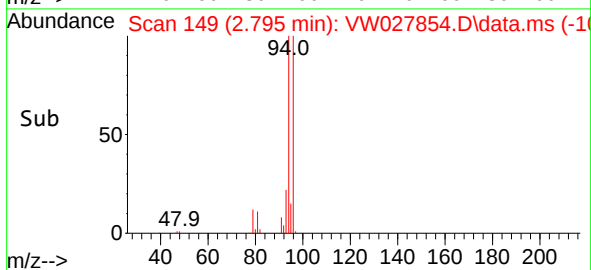
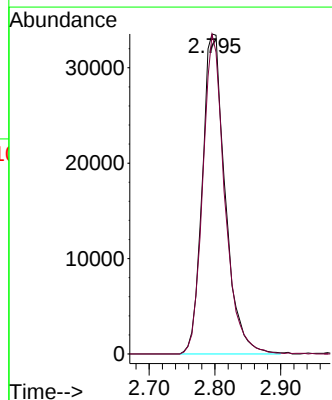
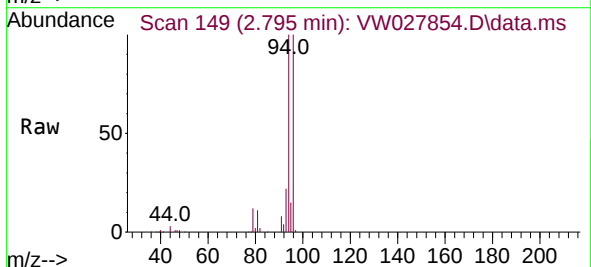
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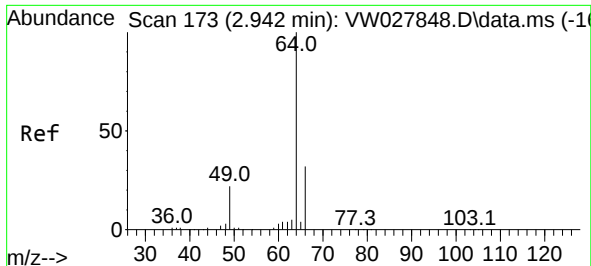
Tgt Ion: 62 Resp: 122856
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.6



#6
 Bromomethane
 Concen: 21.046 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

Tgt Ion: 94 Resp: 81140
 Ion Ratio Lower Upper
 94 100
 96 99.8 64.3 119.5

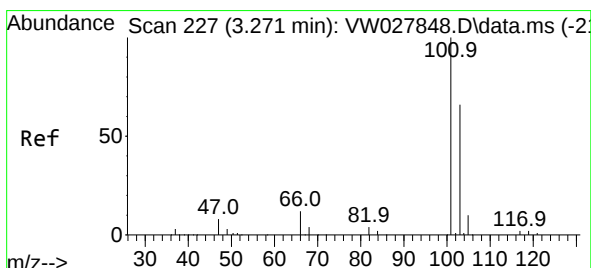
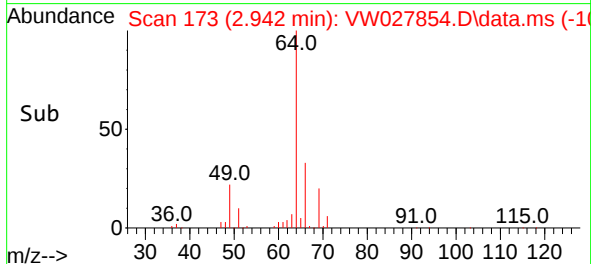
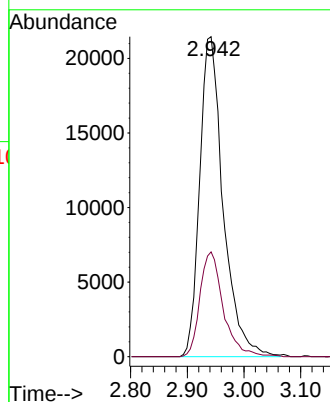
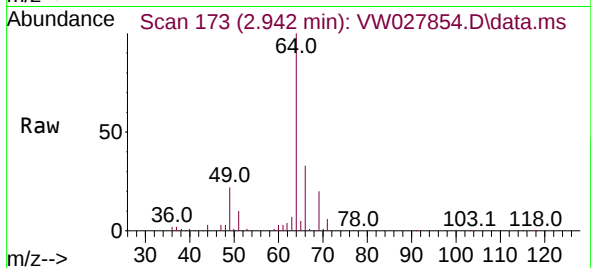




#8
Chloroethane
Concen: 18.922 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

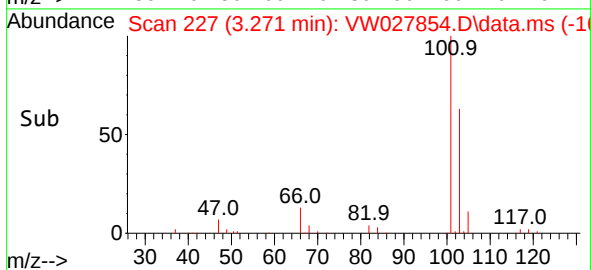
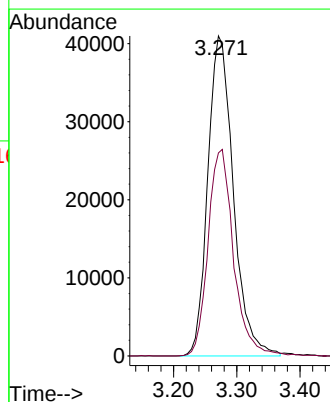
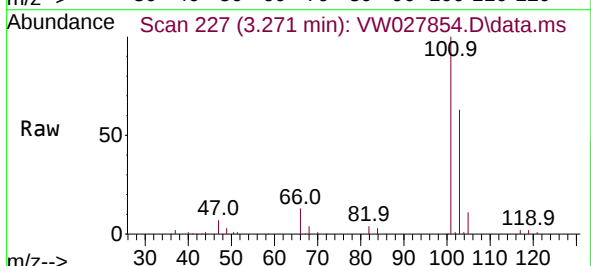
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MSVOA_W
ClientSampleId :

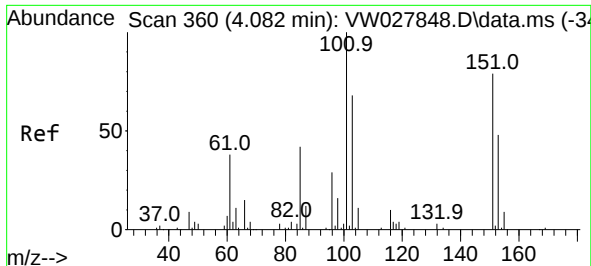
Tgt Ion: 64 Resp: 61727
Ion Ratio Lower Upper
64 100
66 32.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 20.225 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion:101 Resp: 114917
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

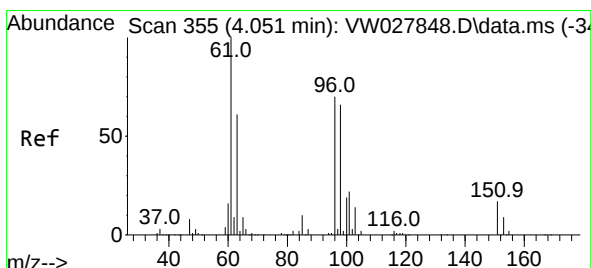
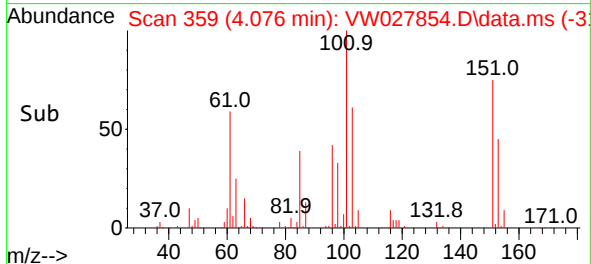
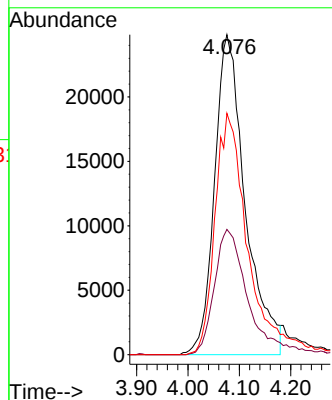
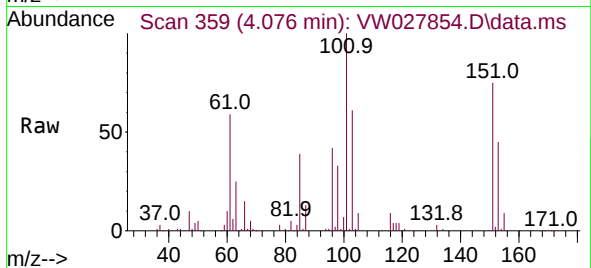




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.310 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

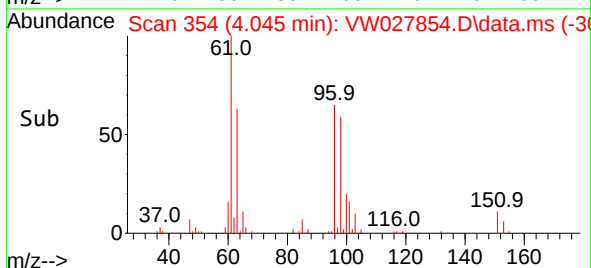
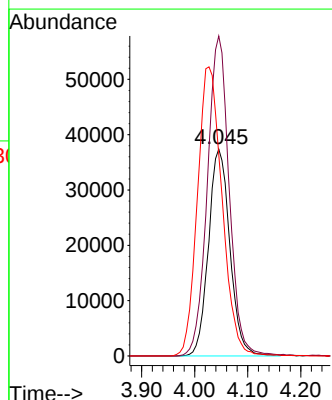
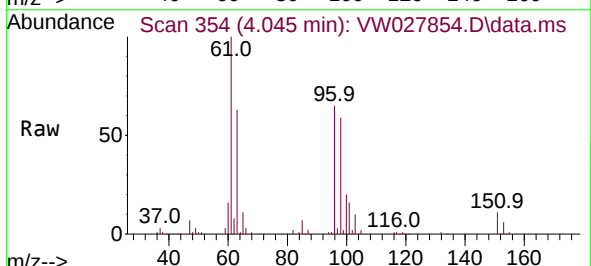
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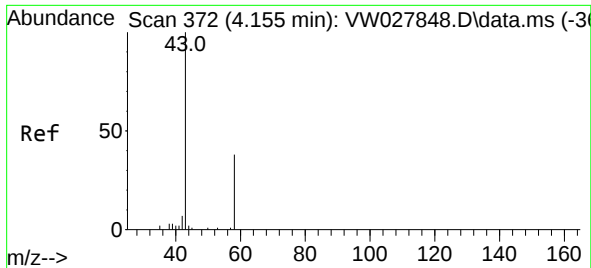
Tgt Ion:101 Resp: 103171
 Ion Ratio Lower Upper
 101 100
 85 39.3 32.6 48.8
 151 80.1 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 23.158 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

Tgt Ion: 96 Resp: 104834
 Ion Ratio Lower Upper
 96 100
 61 154.6 105.7 196.3
 63 97.4 76.0 141.2

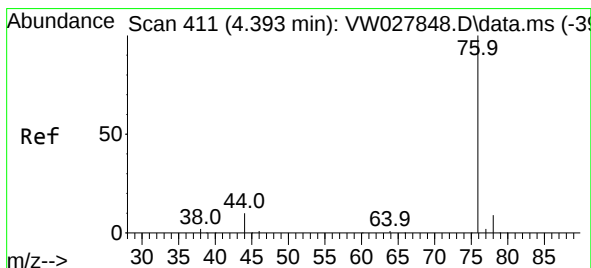
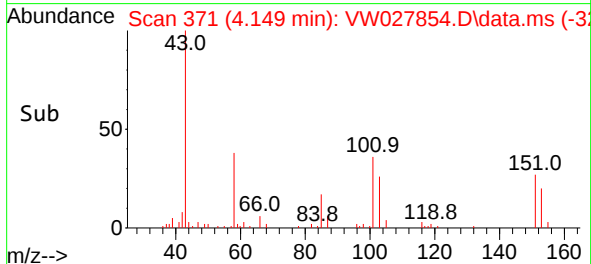
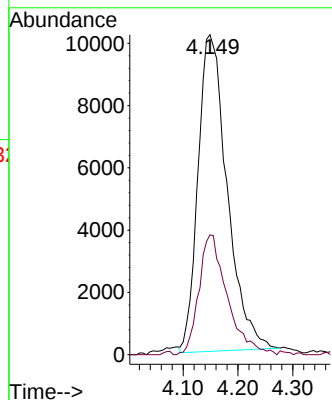
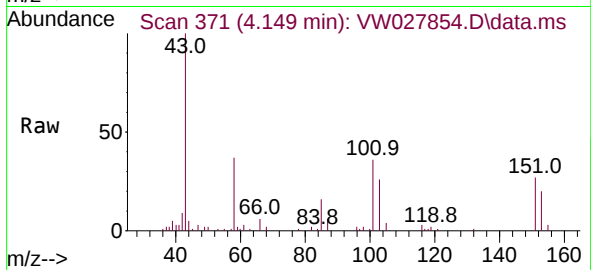




#13
Acetone
Concen: 38.312 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

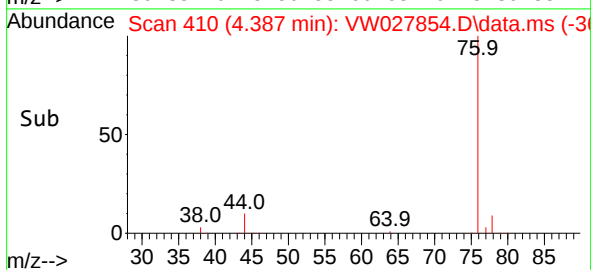
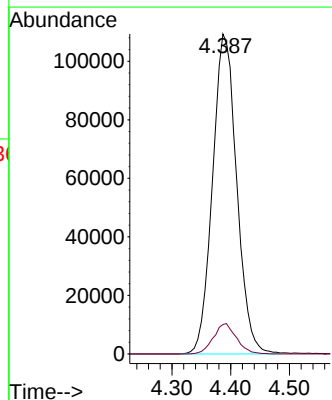
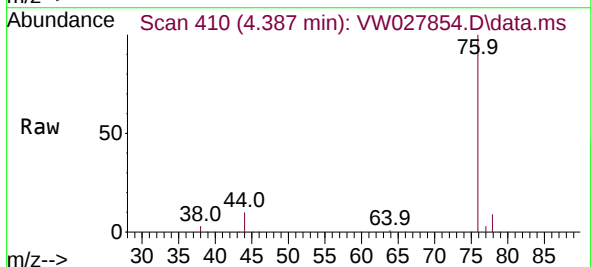
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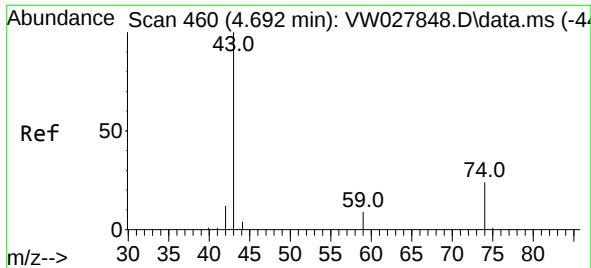
Tgt Ion: 43 Resp: 37611
Ion Ratio Lower Upper
43 100
58 35.0 0.0 70.2



#14
Carbon disulfide
Concen: 22.468 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 312656
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

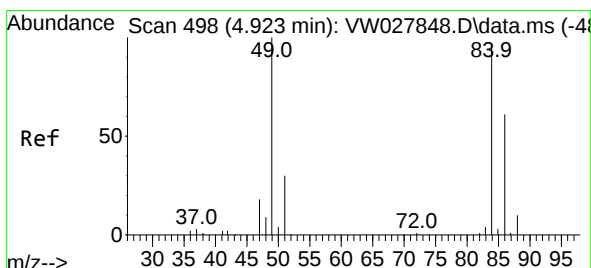
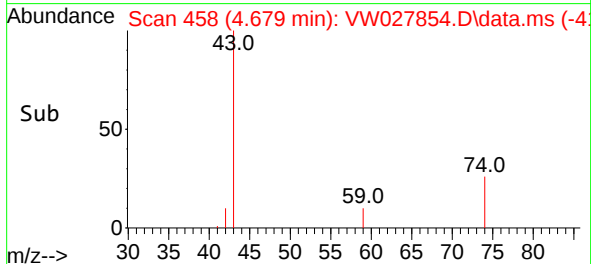
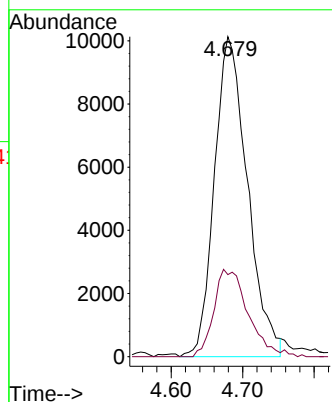
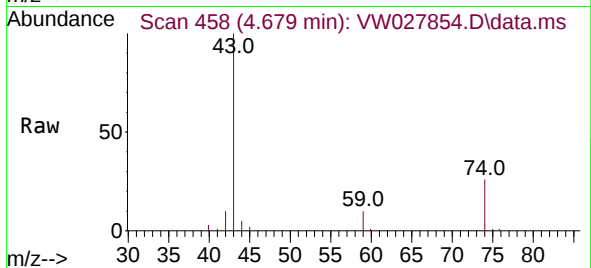




#15
Methyl Acetate
Concen: 24.299 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

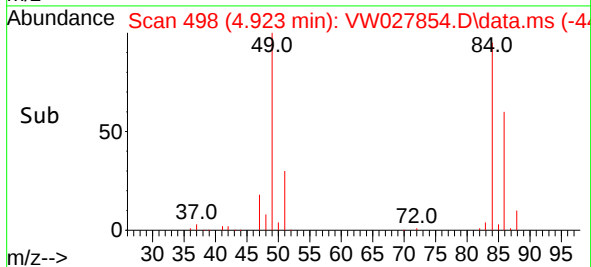
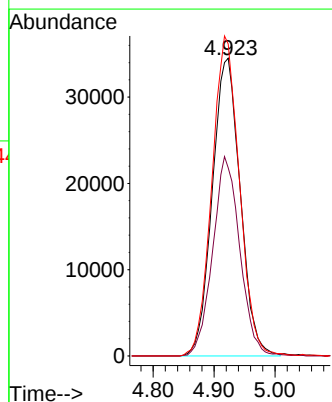
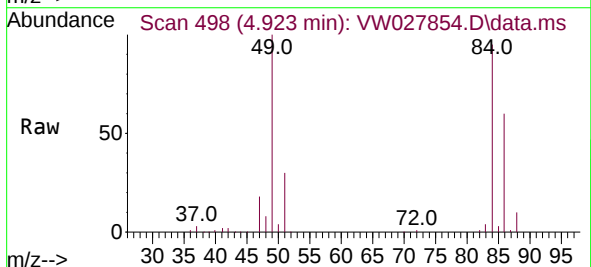
Instrument :
MSVOA_W
ClientSampleId :

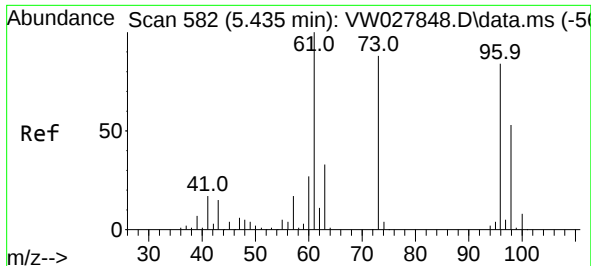
Tgt Ion: 43 Resp: 32452
Ion Ratio Lower Upper
43 100
74 12.8 21.9 32.9#



#16
Methylene chloride
Concen: 19.941 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion: 84 Resp: 110029
Ion Ratio Lower Upper
84 100
86 63.2 43.5 80.9
49 104.8 70.3 130.5





#17

trans-1,2-Dichloroethene

Concen: 23.194 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

ClientSampleId :

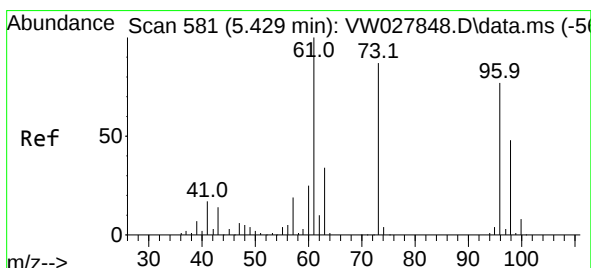
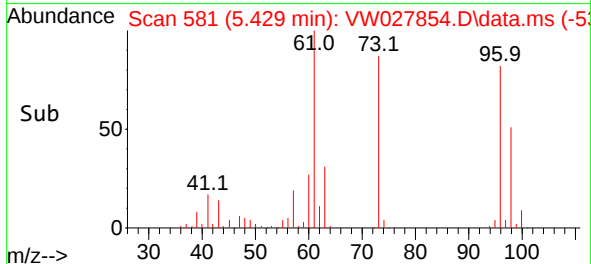
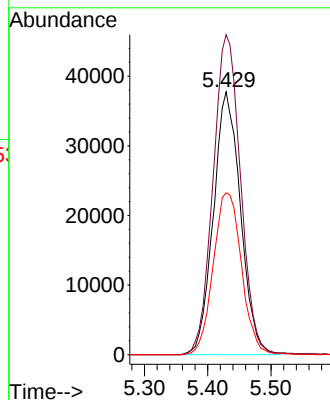
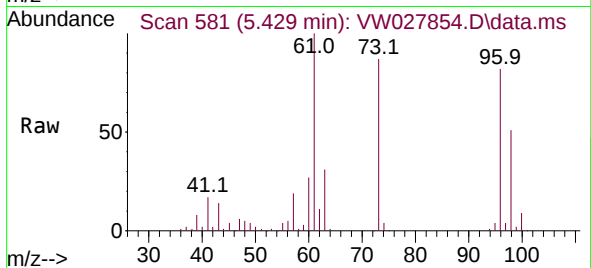
Tgt Ion: 96 Resp: 112187

Ion Ratio Lower Upper

96 100

61 121.7 85.0 157.8

98 61.6 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 24.214 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

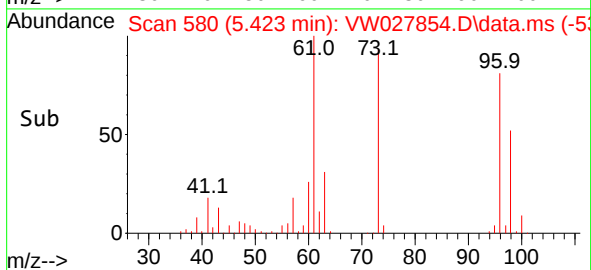
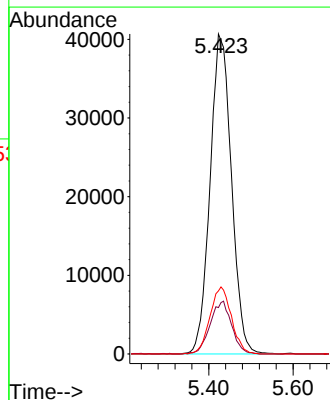
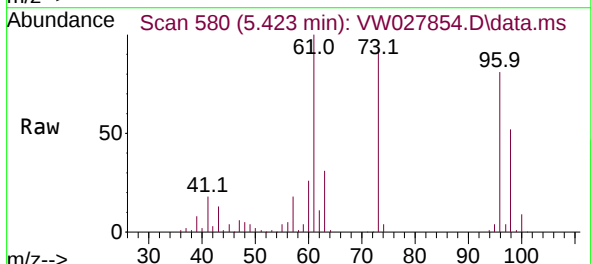
Tgt Ion: 73 Resp: 143092

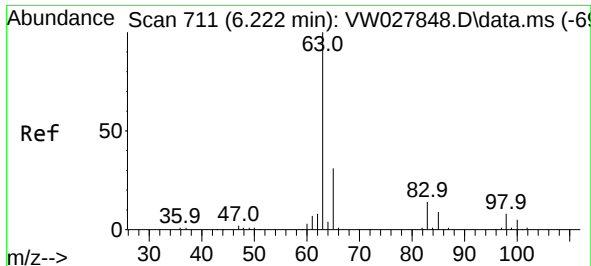
Ion Ratio Lower Upper

73 100

43 16.6 13.5 20.3

57 21.0 16.9 25.3





#19

1,1-Dichloroethane

Concen: 23.366 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

ClientSampleId :

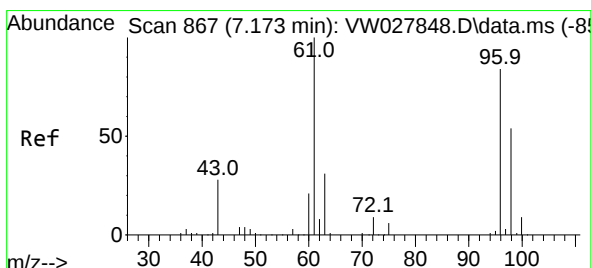
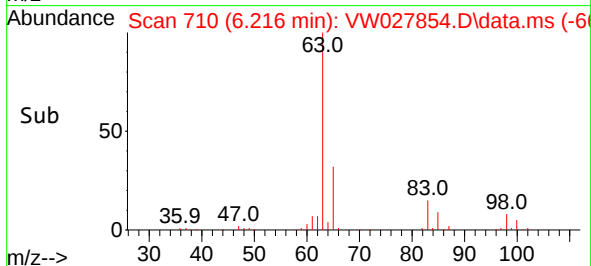
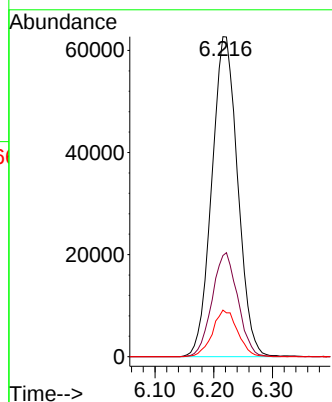
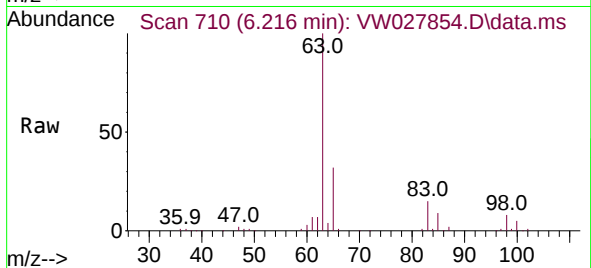
Tgt Ion: 63 Resp: 191731

Ion Ratio Lower Upper

63 100

65 31.6 21.5 39.9

83 14.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 23.844 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

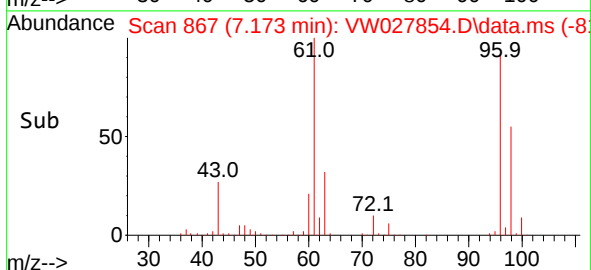
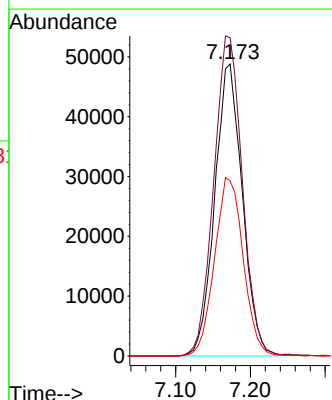
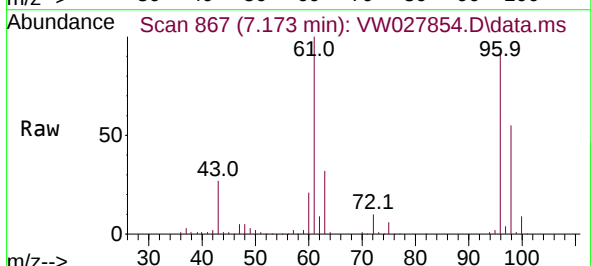
Tgt Ion: 96 Resp: 125438

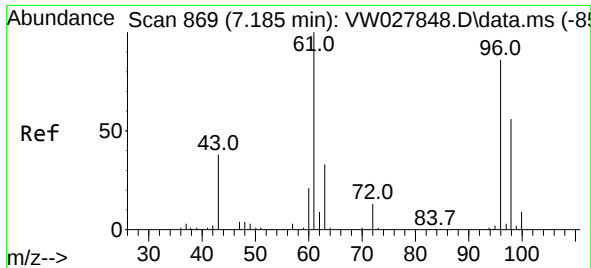
Ion Ratio Lower Upper

96 100

61 109.0 81.1 150.7

98 59.9 46.5 86.5

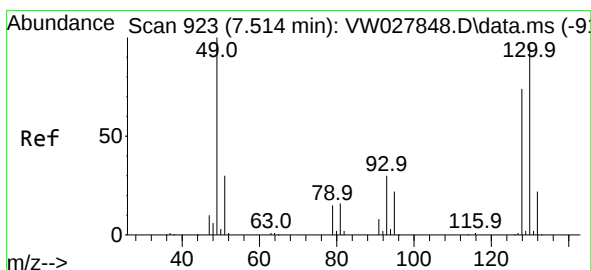
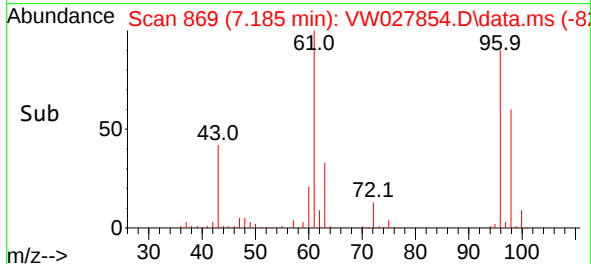
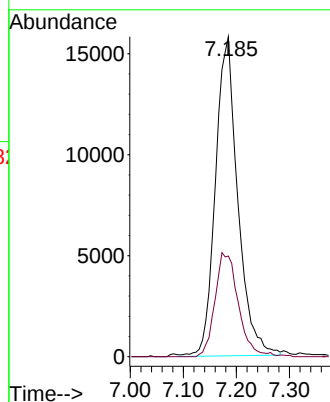
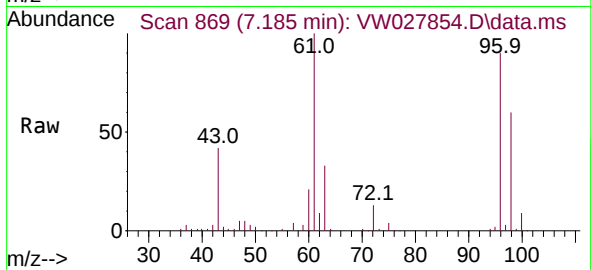




#22
2-Butanone
Concen: 48.626 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

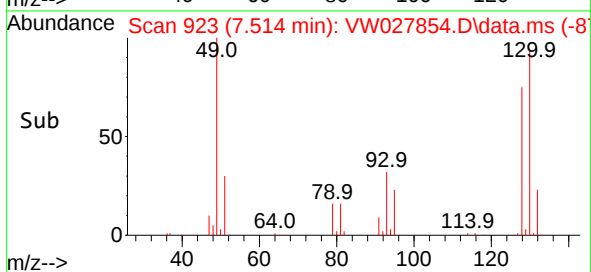
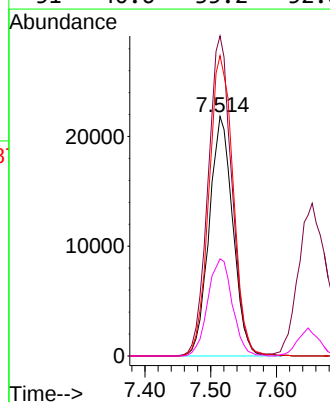
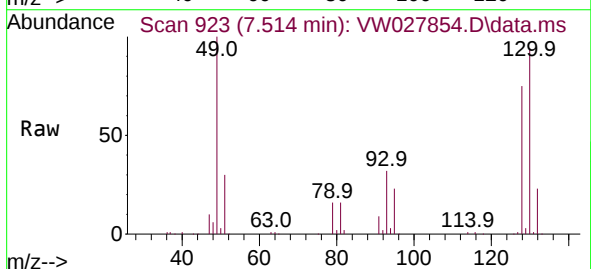
Instrument :
MSVOA_W
ClientSampleId :

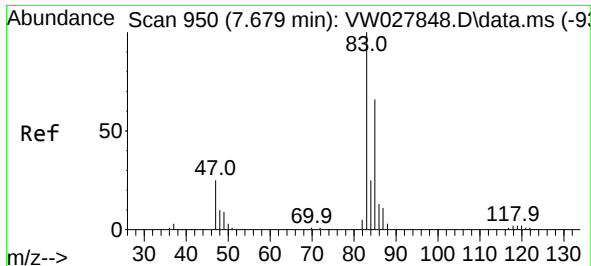
Tgt Ion: 43 Resp: 46304
Ion Ratio Lower Upper
43 100
72 33.6 16.7 50.1



#23
Bromochloromethane
Concen: 23.975 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion: 128 Resp: 54724
Ion Ratio Lower Upper
128 100
49 133.6 89.9 166.9
130 125.4 83.3 154.7
51 40.6 35.2 52.8

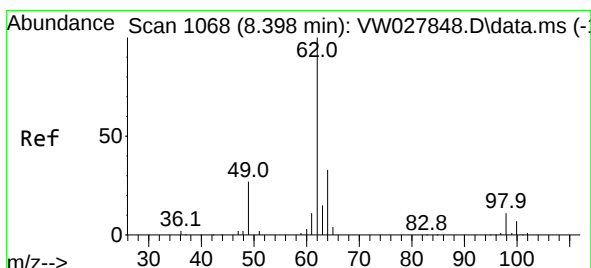
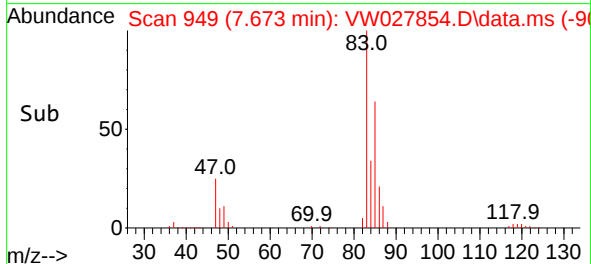
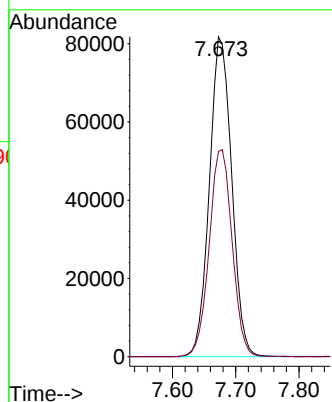
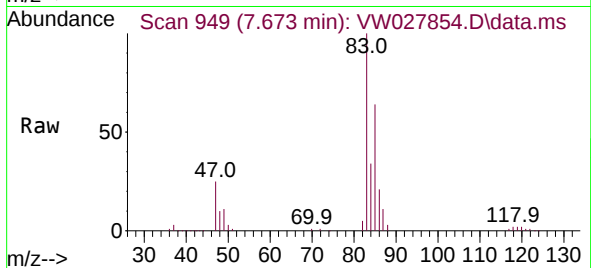




#25
Chloroform
Concen: 23.563 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

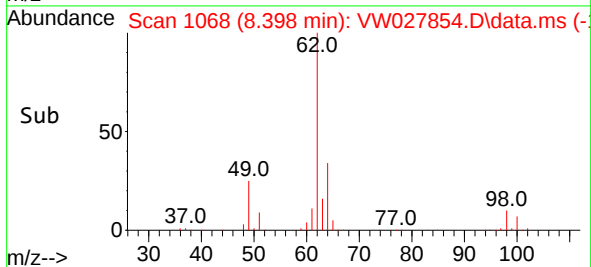
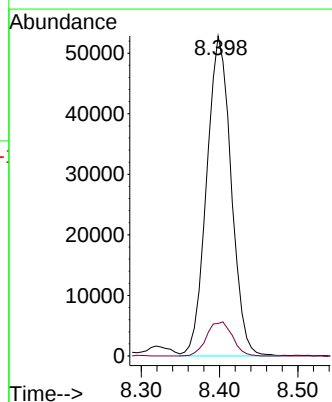
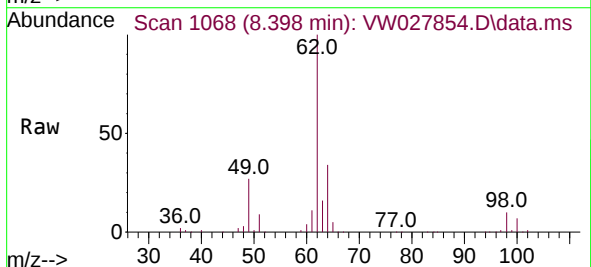
Instrument :
MSVOA_W
ClientSampleId :

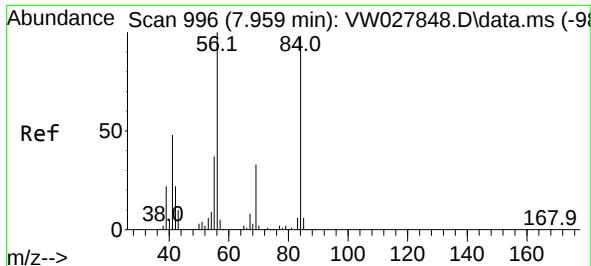
Tgt Ion: 83 Resp: 199890
Ion Ratio Lower Upper
83 100
85 64.1 43.7 81.1



#27
1,2-Dichloroethane
Concen: 23.957 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion: 62 Resp: 114868
Ion Ratio Lower Upper
62 100
98 10.2 8.1 12.1





#29

Cyclohexane

Concen: 22.947 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

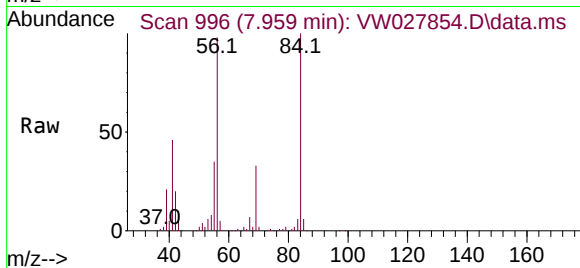
Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

ClientSampleId :



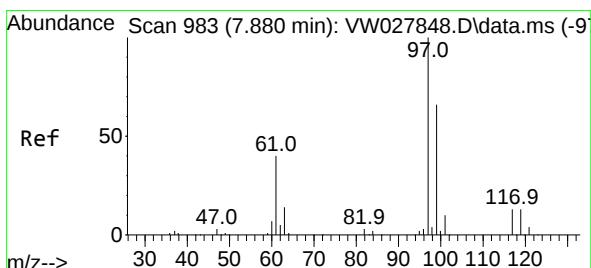
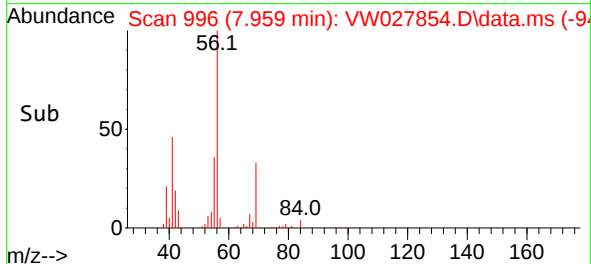
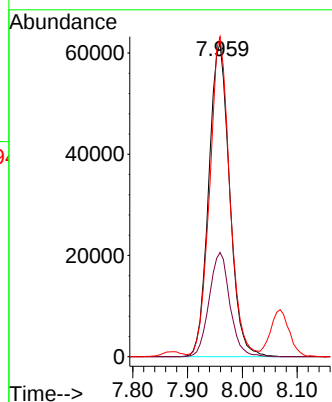
Tgt Ion: 56 Resp: 163426

Ion Ratio Lower Upper

56 100

69 33.0 25.8 38.6

84 98.6 79.0 118.4



#30

1,1,1-Trichloroethane

Concen: 23.084 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.006 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

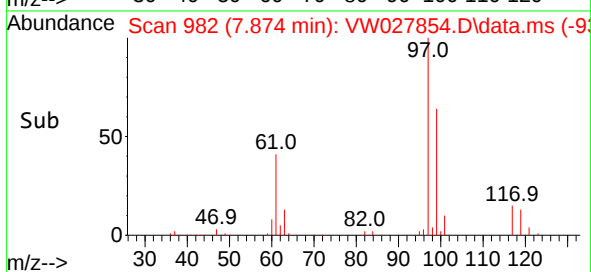
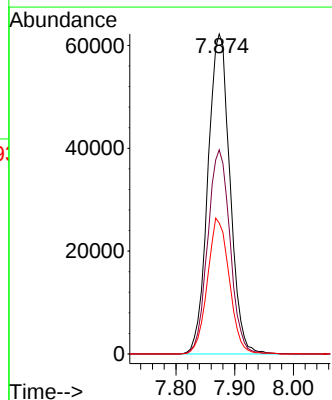
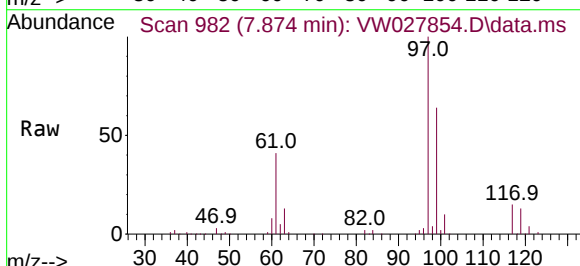
Tgt Ion: 97 Resp: 162050

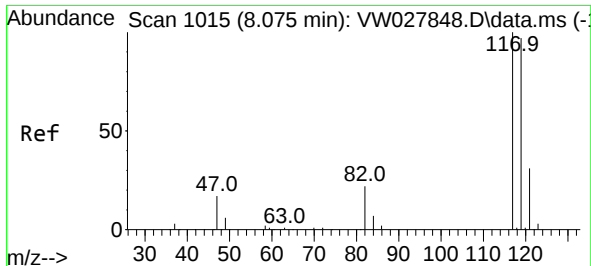
Ion Ratio Lower Upper

97 100

99 64.6 50.6 75.8

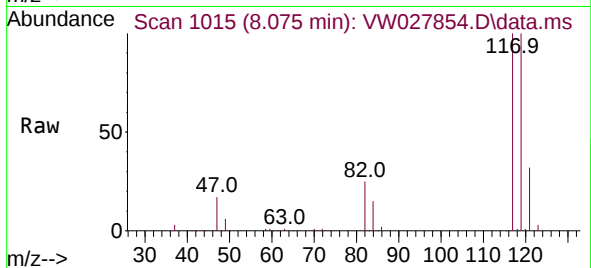
61 42.1 33.6 50.4



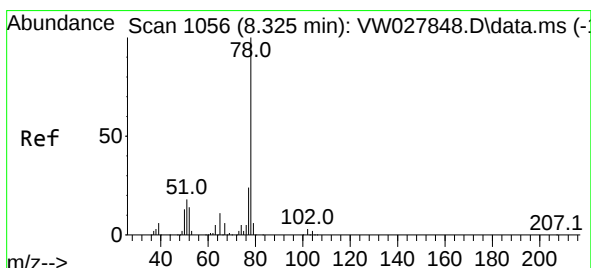
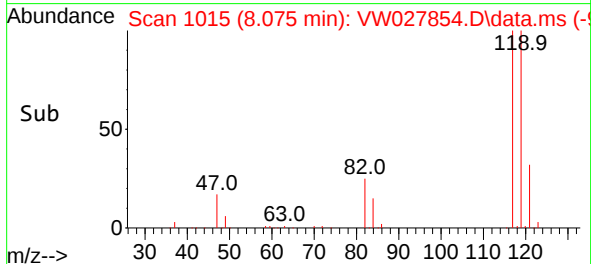
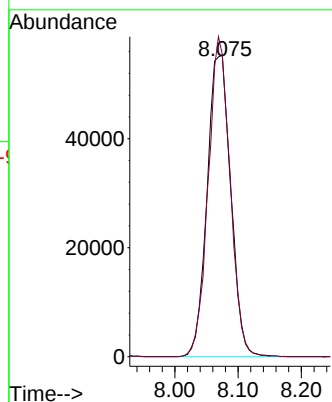


#31
Carbon tetrachloride
Concen: 23.590 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Instrument :
MSVOA_W
ClientSampleId :

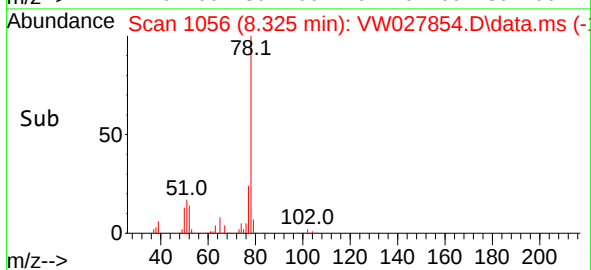
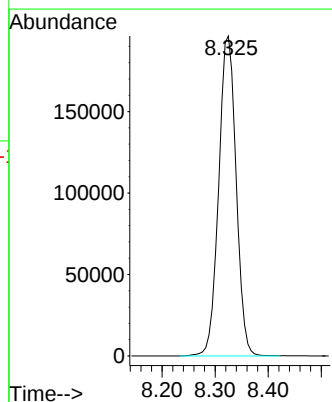
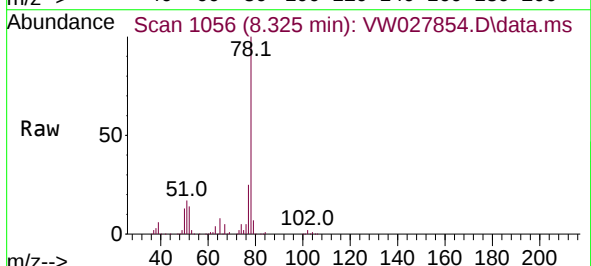


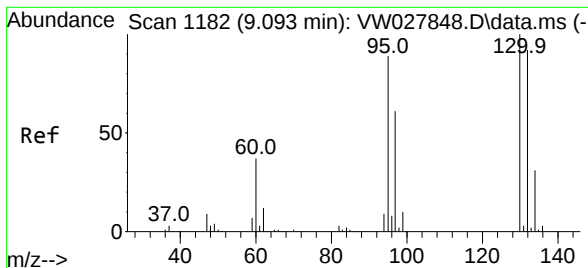
Tgt Ion:117 Resp: 143652
Ion Ratio Lower Upper
117 100
119 98.4 74.8 112.2



#33
Benzene
Concen: 23.223 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion: 78 Resp: 448664





#34

Trichloroethene

Concen: 23.080 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

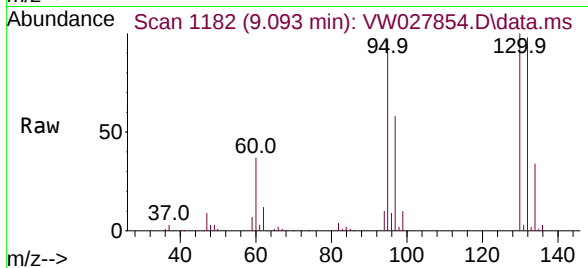
Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 121881

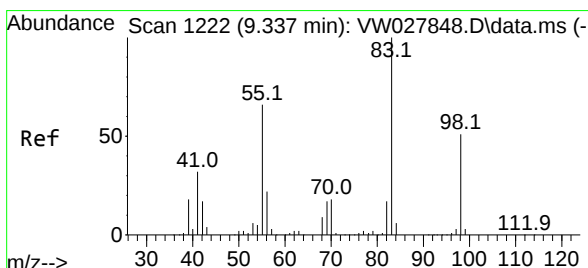
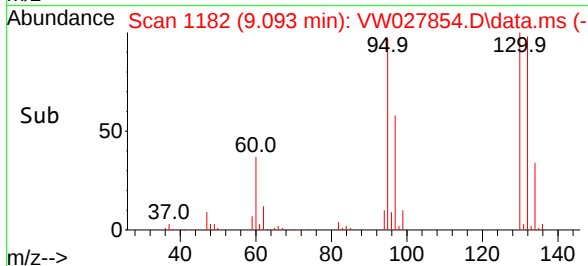
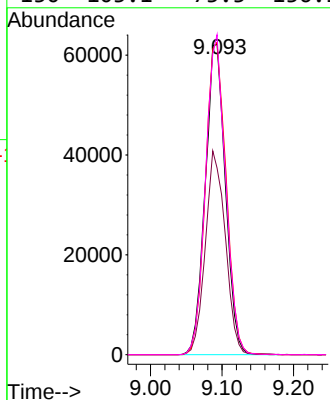
Ion Ratio Lower Upper

95 100

97 60.1 45.1 83.9

132 100.6 74.1 137.5

130 103.1 73.3 136.1



#35

Methylcyclohexane

Concen: 22.798 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

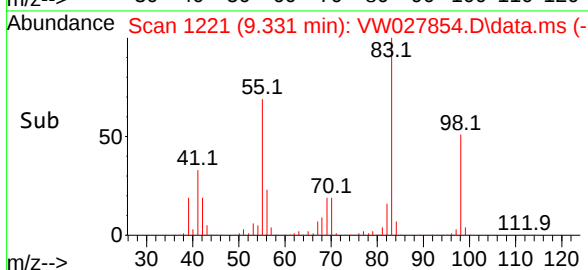
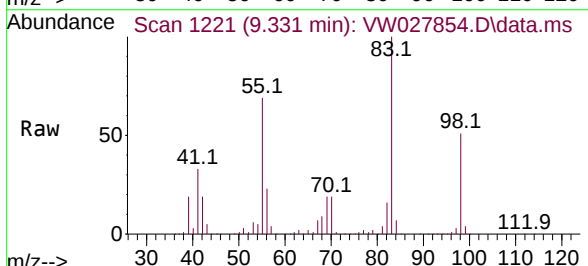
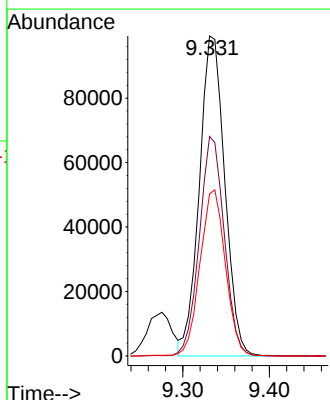
Tgt Ion: 83 Resp: 202627

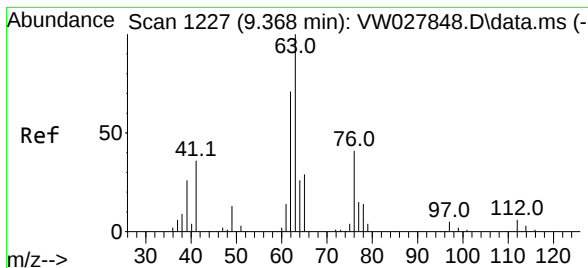
Ion Ratio Lower Upper

83 100

55 67.2 54.7 82.1

98 51.8 41.0 61.4

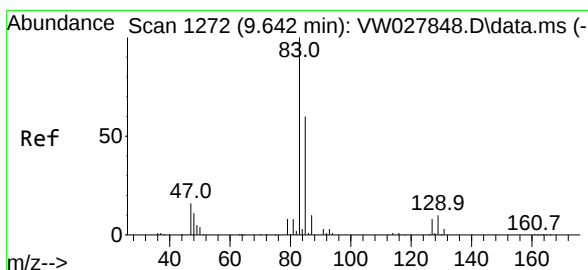
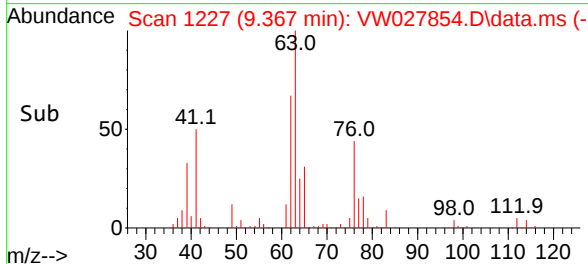
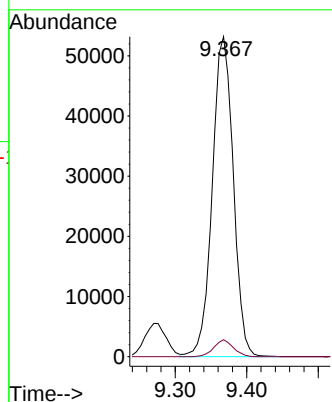
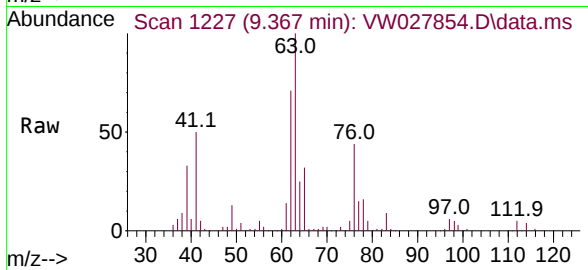




#37
1,2-Dichloropropane
Concen: 23.305 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

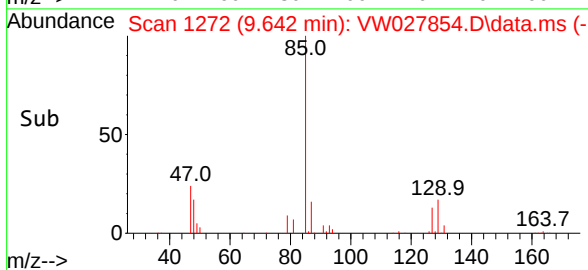
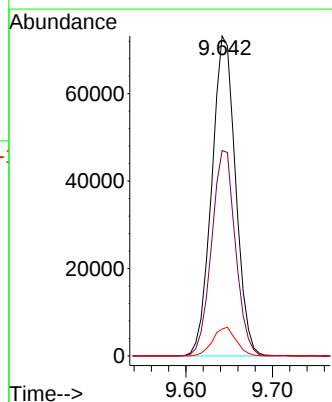
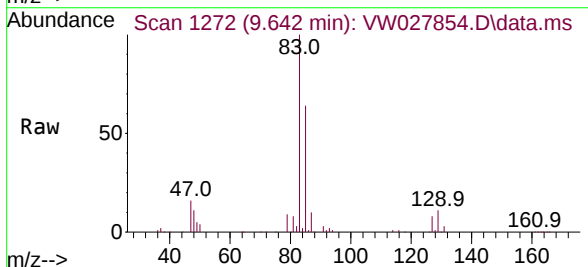
Instrument :
MSVOA_W
ClientSampleId :

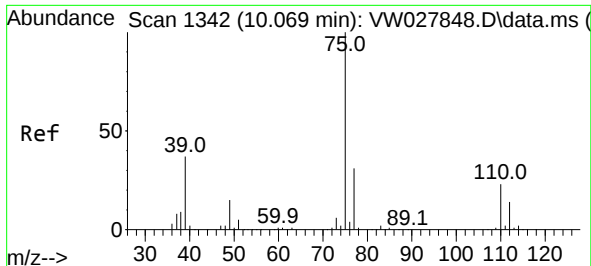
Tgt Ion: 63 Resp: 108470
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.2



#38
Bromodichloromethane
Concen: 24.058 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion: 83 Resp: 140013
Ion Ratio Lower Upper
83 100
85 64.2 43.0 79.8
127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.803 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

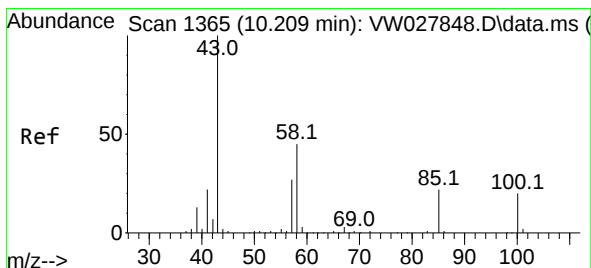
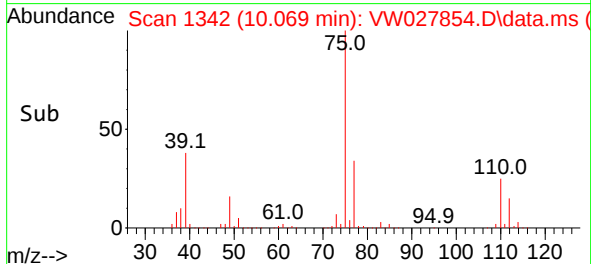
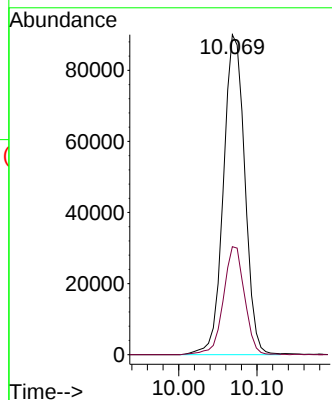
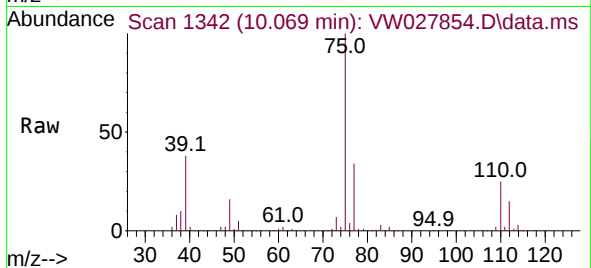
ClientSampleId :

Tgt Ion: 75 Resp: 170716

Ion Ratio Lower Upper

75 100

77 33.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 48.910 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

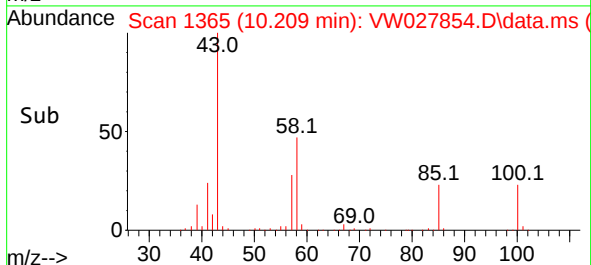
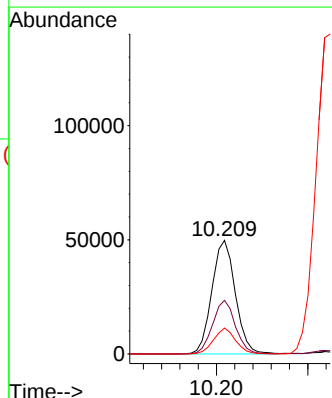
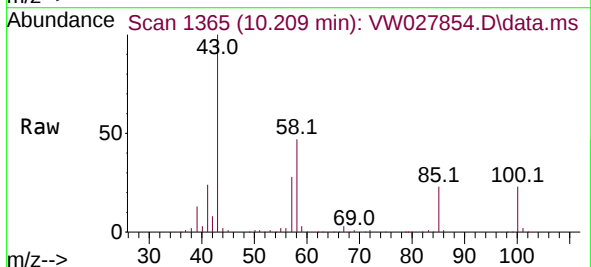
Tgt Ion: 43 Resp: 88797

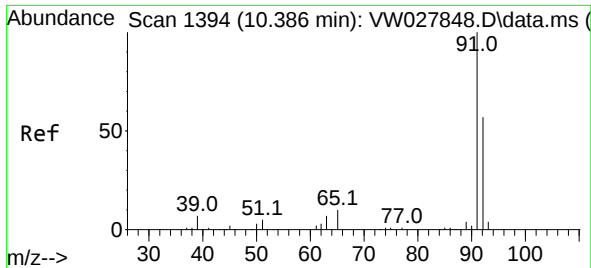
Ion Ratio Lower Upper

43 100

58 45.8 36.9 55.3

100 21.2 16.7 25.1

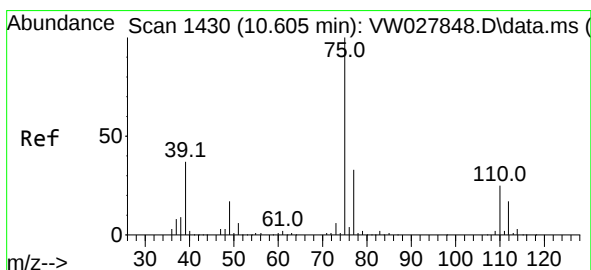
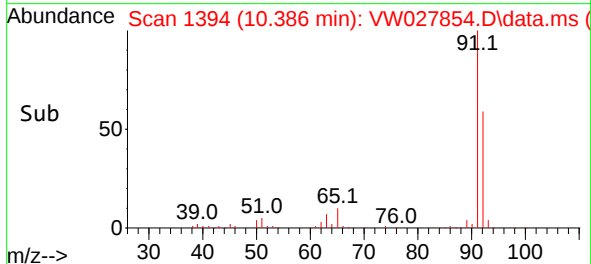
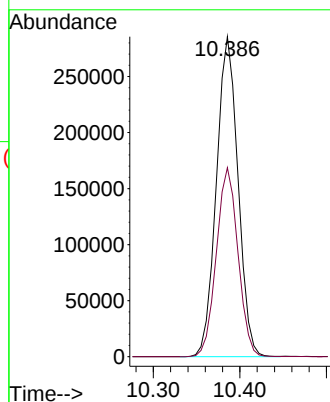
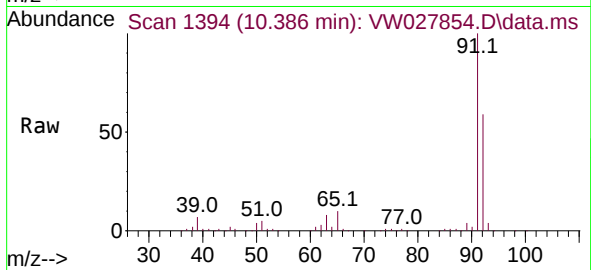




#42
Toluene
Concen: 23.536 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

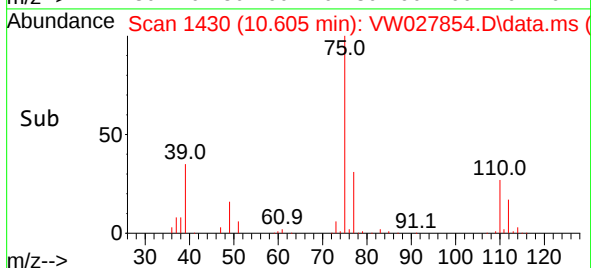
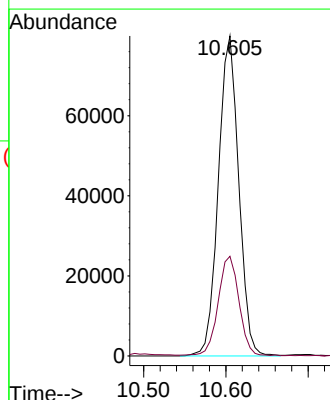
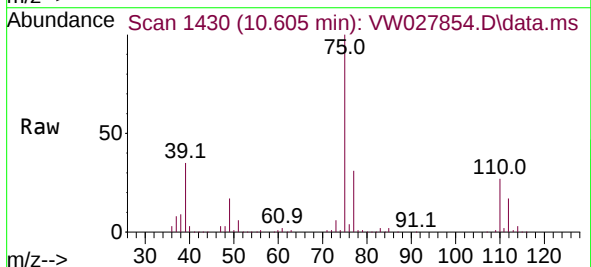
Instrument :
MSVOA_W
ClientSampleId :

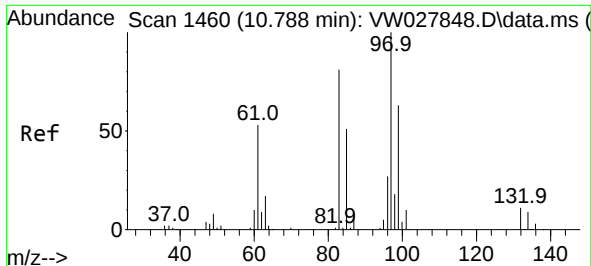
Tgt Ion: 91 Resp: 494866
Ion Ratio Lower Upper
91 100
92 59.1 43.5 80.7



#44
trans-1,3-Dichloropropene
Concen: 24.872 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion: 75 Resp: 137692
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.4

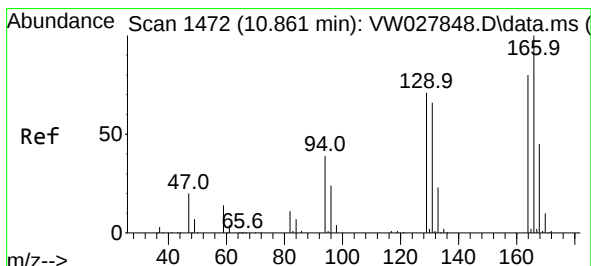
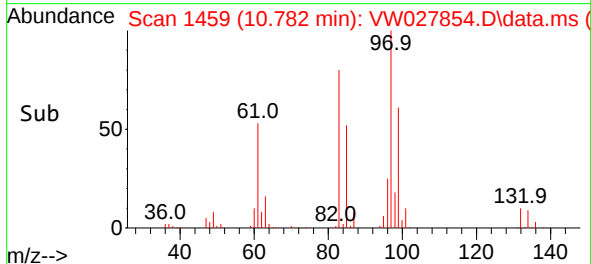
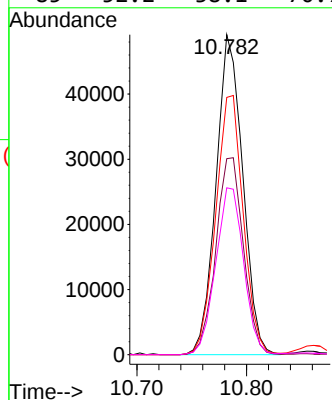
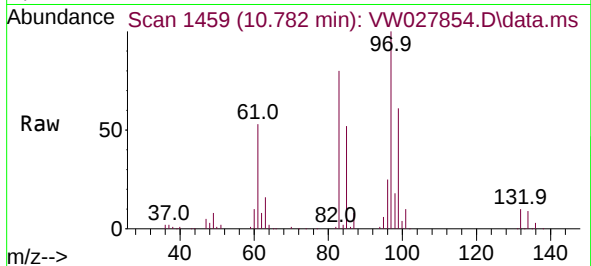




#45
1,1,2-Trichloroethane
Concen: 23.876 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

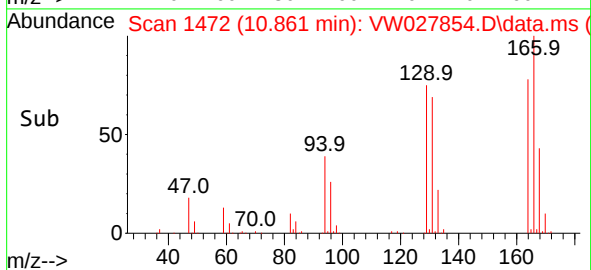
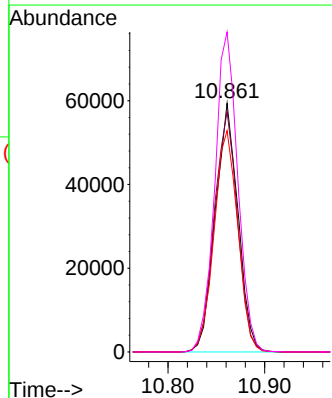
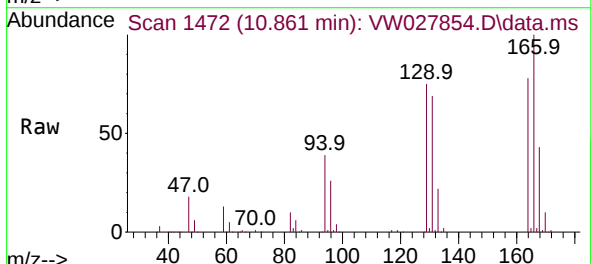
Instrument :
MSVOA_W
ClientSampleId :

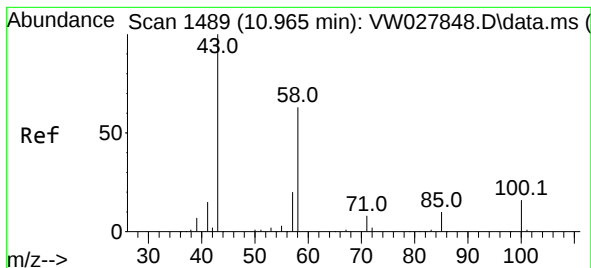
Tgt Ion:	97	Resp:	83253
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.1	78.3
83	80.4	58.4	108.4
85	52.2	38.1	70.7



#46
Tetrachloroethene
Concen: 22.552 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion:	164	Resp:	97109
Ion	Ratio	Lower	Upper
164	100		
129	96.6	62.7	116.5
131	89.0	57.3	106.5
166	128.7	82.0	152.4





#48

2-Hexanone

Concen: 49.449 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

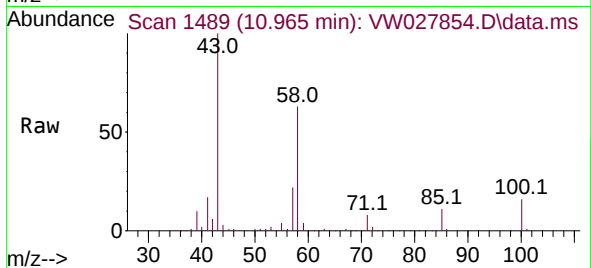
Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

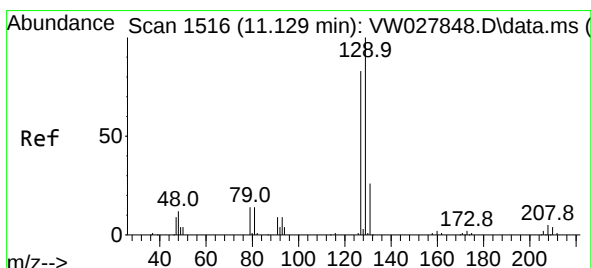
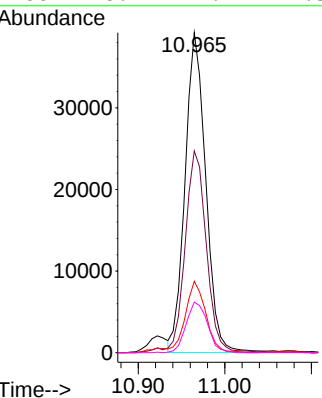
MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 65003

Ion	Ratio	Lower	Upper
43	100		
58	64.4	49.3	73.9
57	21.9	17.0	25.4
100	16.4	12.9	19.3



#49

Dibromochloromethane

Concen: 23.782 ug/L

RT: 11.123 min Scan# 1515

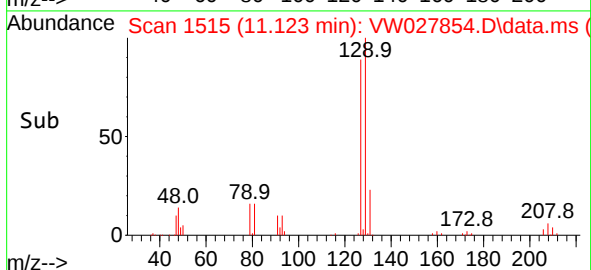
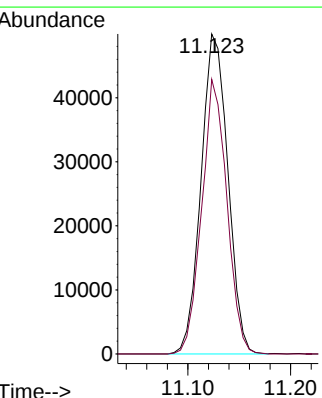
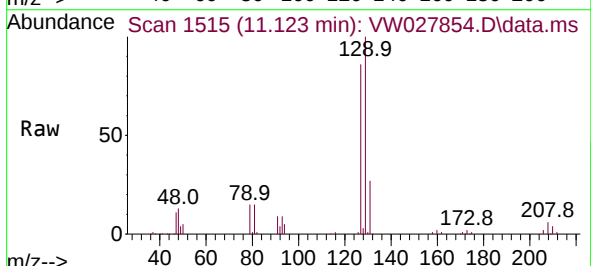
Delta R.T. -0.006 min

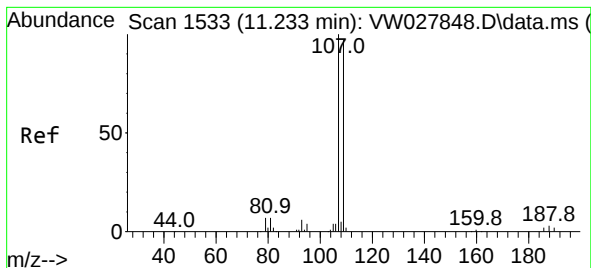
Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Tgt Ion:129 Resp: 90613

Ion	Ratio	Lower	Upper
129	100		
127	85.8	51.0	94.6

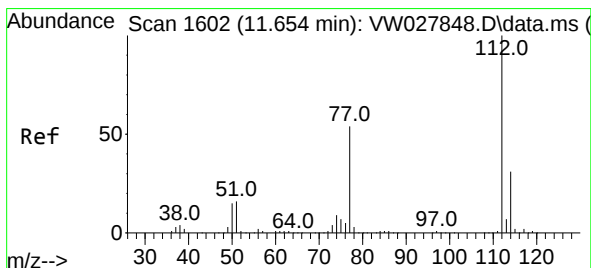
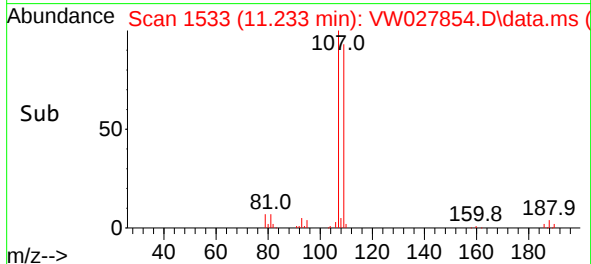
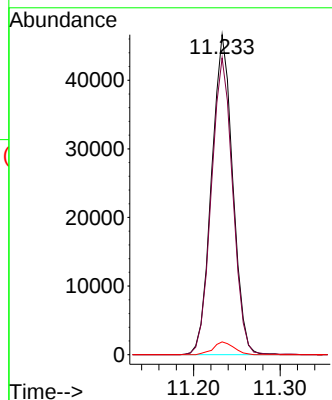
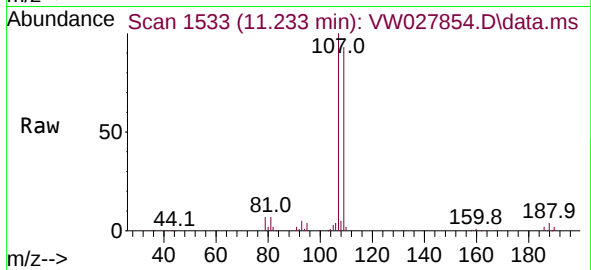




#50
1,2-Dibromoethane
Concen: 24.638 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

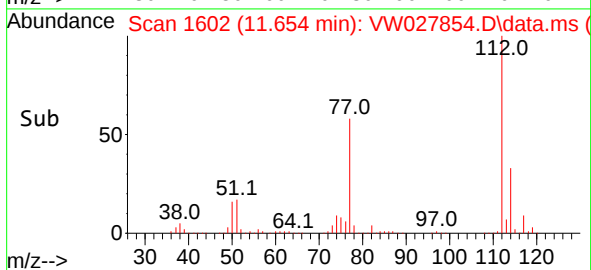
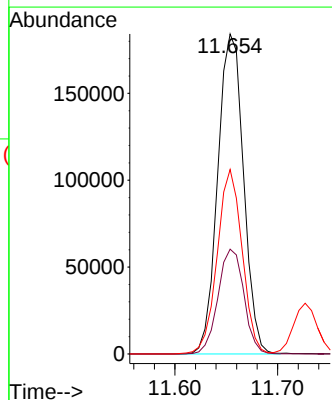
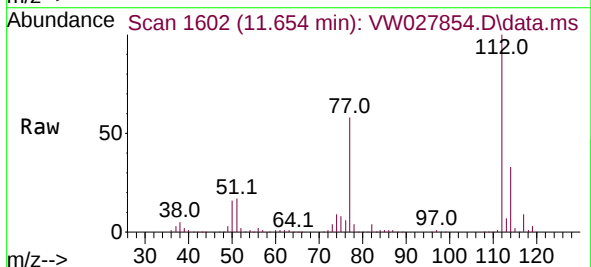
Instrument :
MSVOA_W
ClientSampleId :

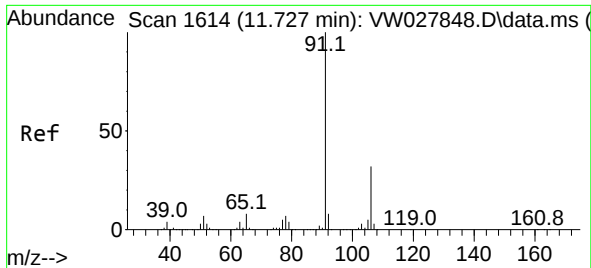
Tgt Ion:107 Resp: 79183
Ion Ratio Lower Upper
107 100
109 92.8 69.3 128.7
188 4.0 3.0 4.4



#51
Chlorobenzene
Concen: 23.123 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion:112 Resp: 321046
Ion Ratio Lower Upper
112 100
114 32.8 21.3 39.6
77 57.7 44.5 66.7

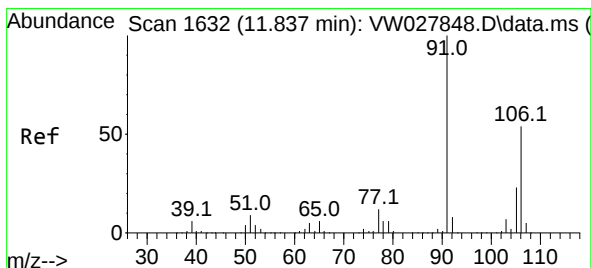
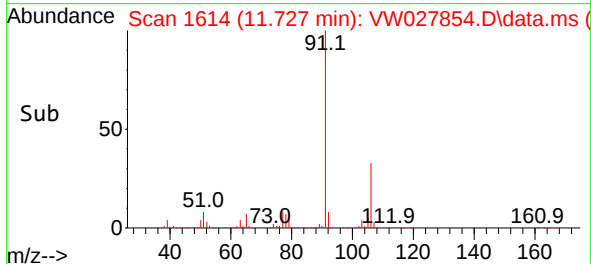
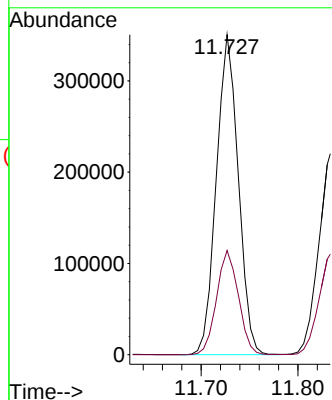
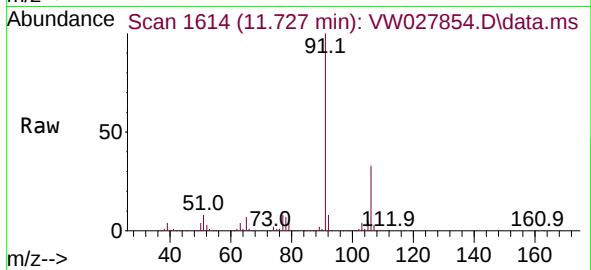




#52
Ethylbenzene
Concen: 23.259 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

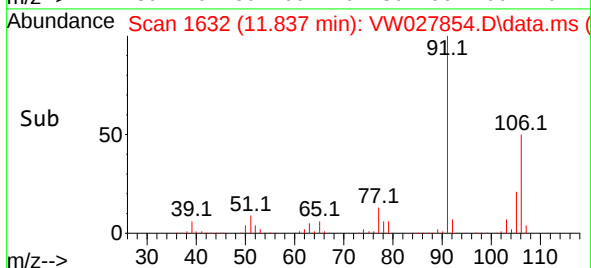
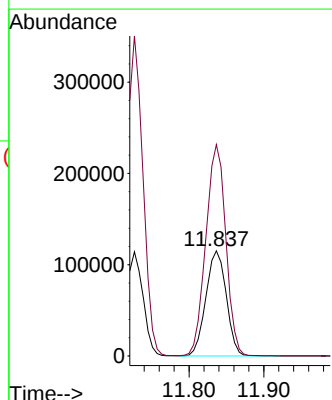
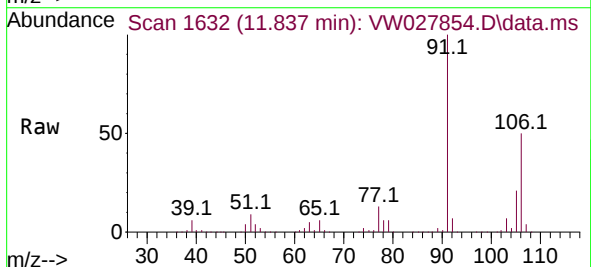
Instrument :
MSVOA_W
ClientSampleId :

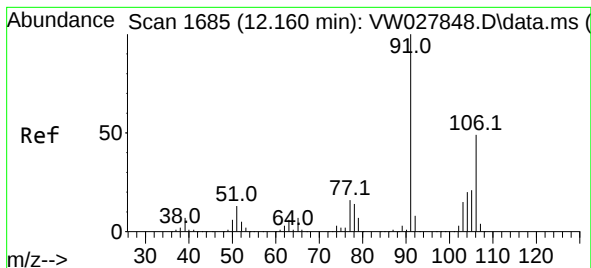
Tgt Ion: 91 Resp: 551254
Ion Ratio Lower Upper
91 100
106 32.6 23.0 42.6



#53
m,p-Xylene
Concen: 23.640 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion:106 Resp: 218074
Ion Ratio Lower Upper
106 100
91 201.1 137.0 254.4





#54

o-Xylene

Concen: 24.142 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

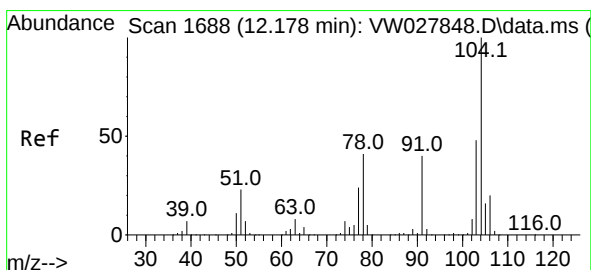
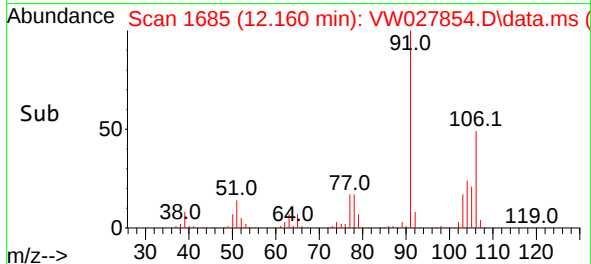
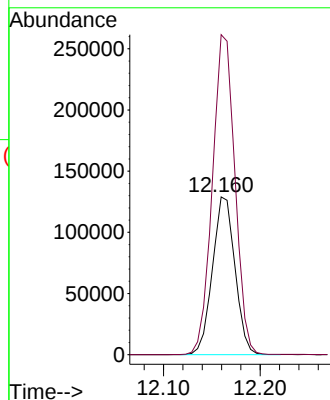
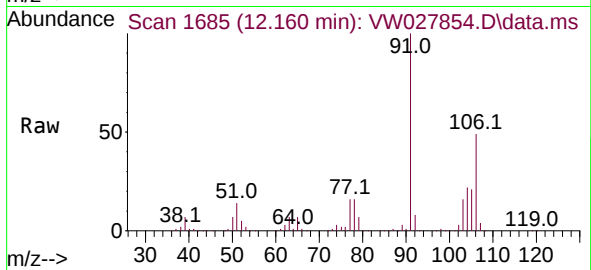
ClientSampleId :

Tgt Ion:106 Resp: 208611

Ion Ratio Lower Upper

106 100

91 202.7 146.4 271.8



#55

Styrene

Concen: 24.638 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027854.D

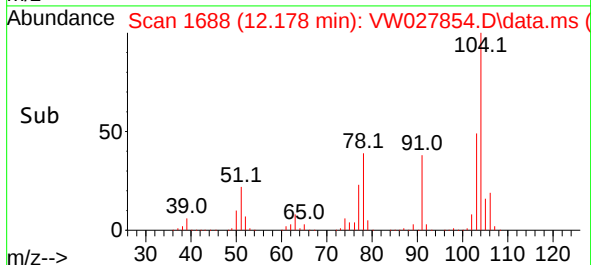
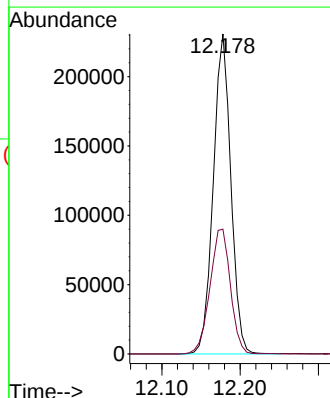
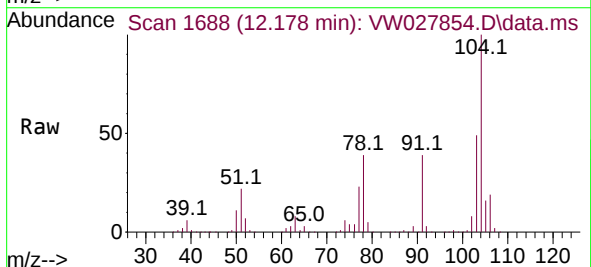
Acq: 24 Jan 2024 13:31

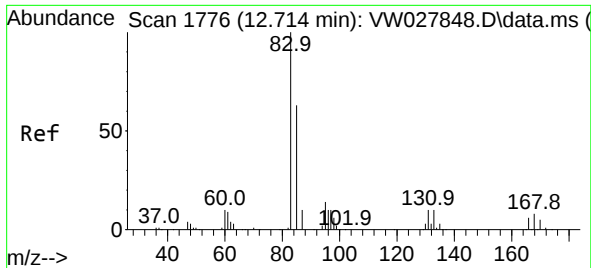
Tgt Ion:104 Resp: 359669

Ion Ratio Lower Upper

104 100

78 39.0 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.760 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027854.D

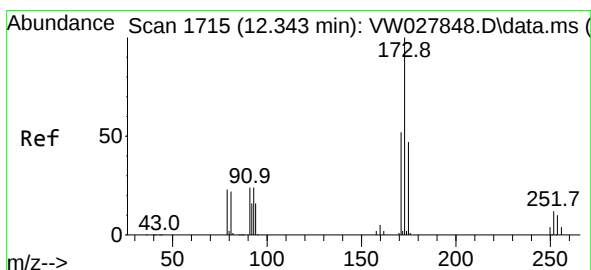
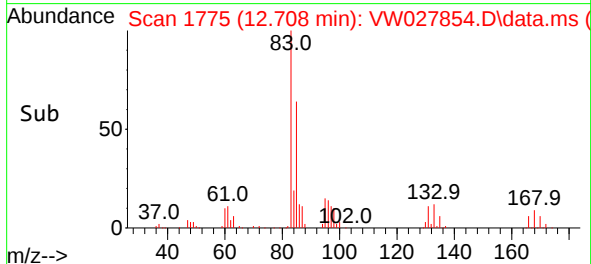
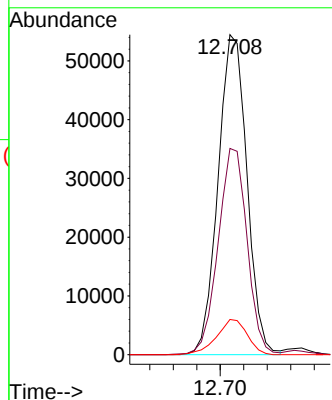
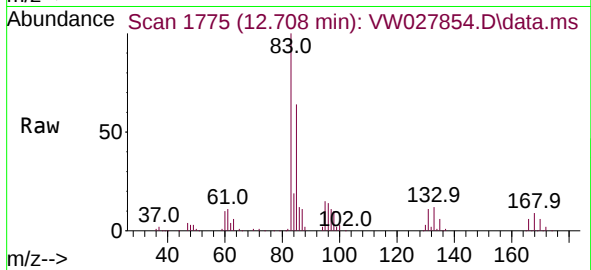
Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 93080
Ion Ratio	Lower Upper
83 100	
85 64.4	43.2 80.2
131 11.0	8.2 12.2



#59

Bromoform

Concen: 25.683 ug/L

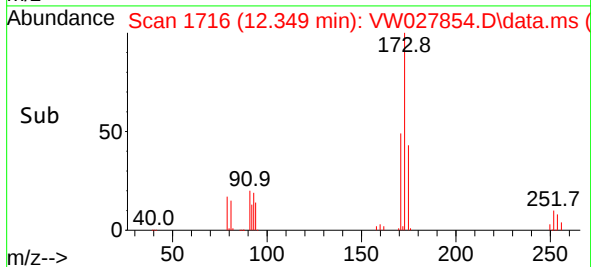
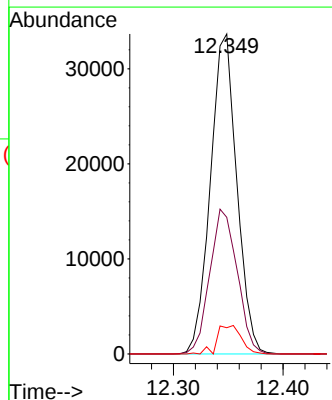
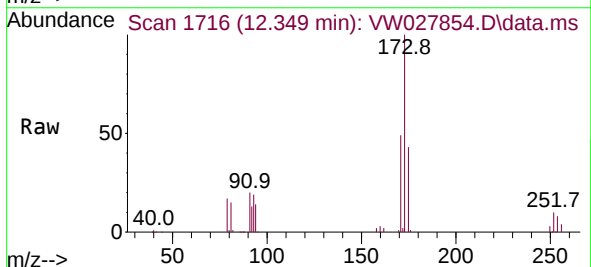
RT: 12.349 min Scan# 1716

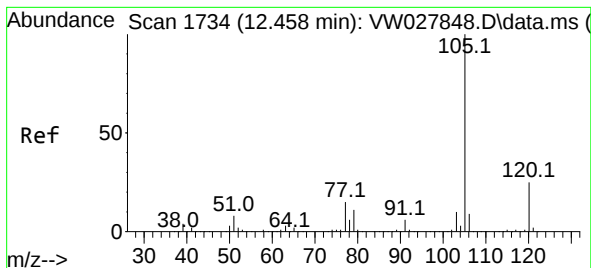
Delta R.T. 0.006 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Tgt Ion: 173	Resp: 56396
Ion Ratio	Lower Upper
173 100	
175 47.0	35.9 53.9
254 7.6	5.1 7.7





#60

Isopropylbenzene

Concen: 23.090 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

Instrument :

MSVOA_W

ClientSampleId :

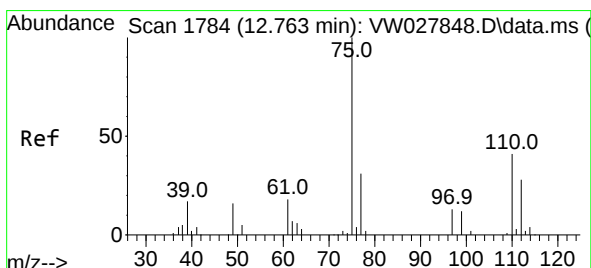
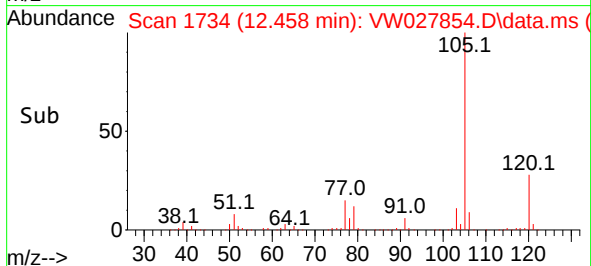
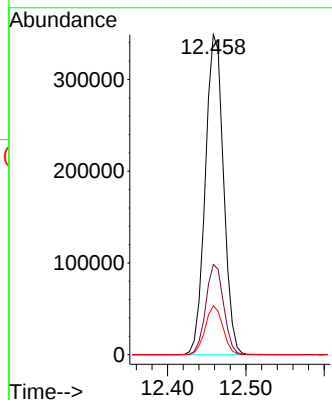
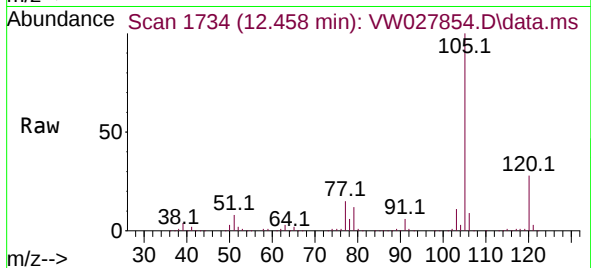
Tgt Ion:105 Resp: 561411

Ion Ratio Lower Upper

105 100

120 27.7 21.9 32.9

77 14.9 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 23.502 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027854.D

Acq: 24 Jan 2024 13:31

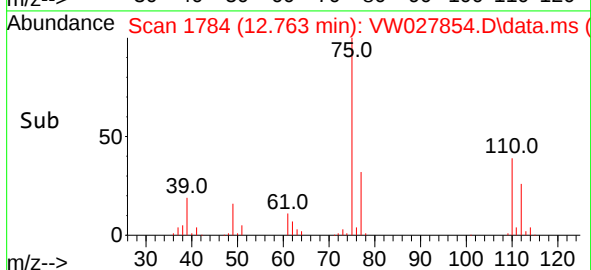
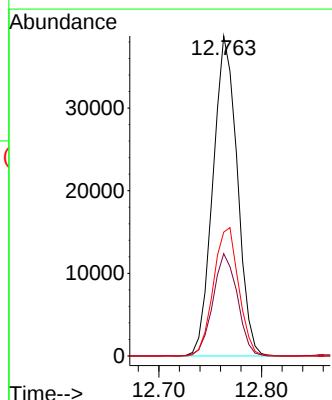
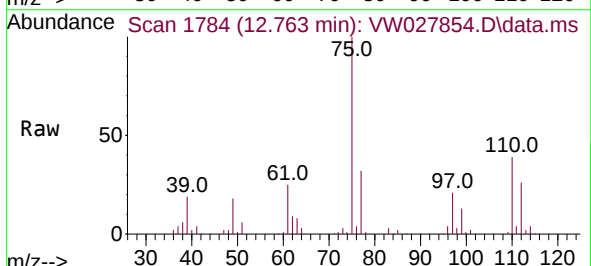
Tgt Ion: 75 Resp: 63639

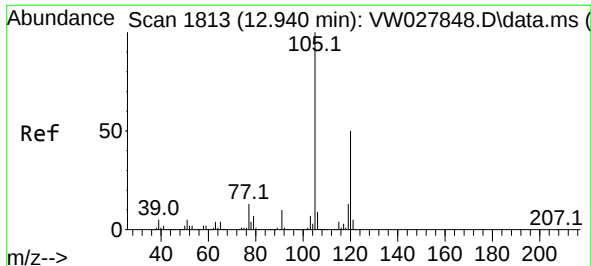
Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

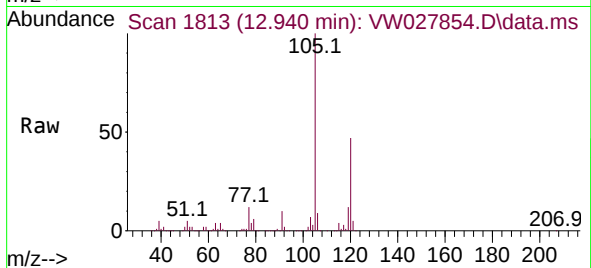
110 41.6 33.1 49.7



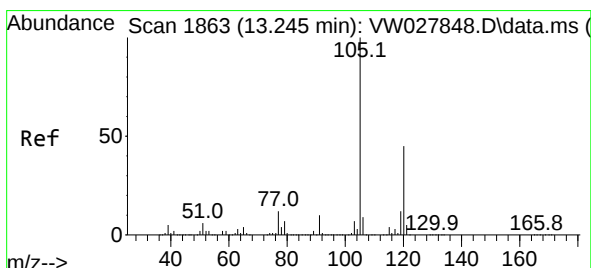
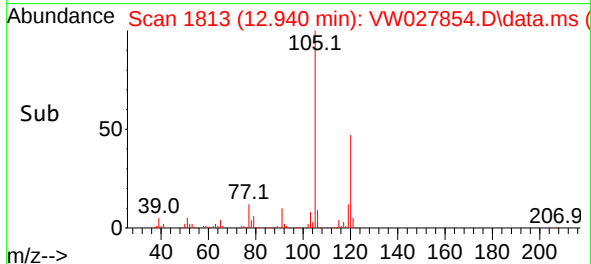
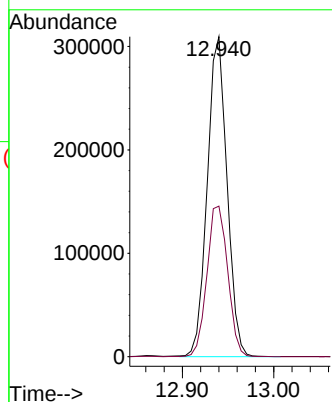


#62
1,3,5-Trimethylbenzene
Concen: 23.740 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Instrument :
MSVOA_W
ClientSampleId :

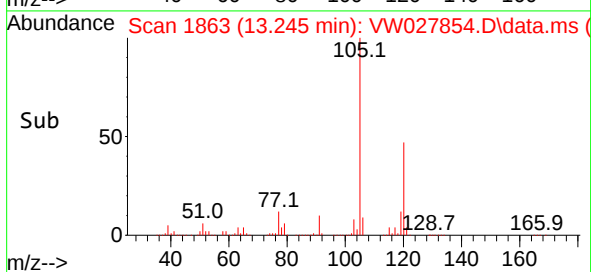
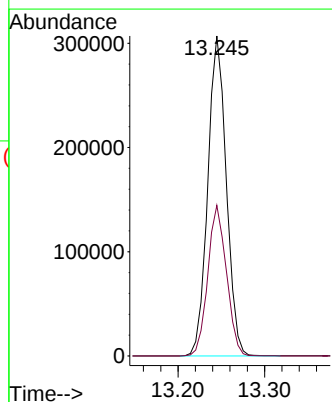
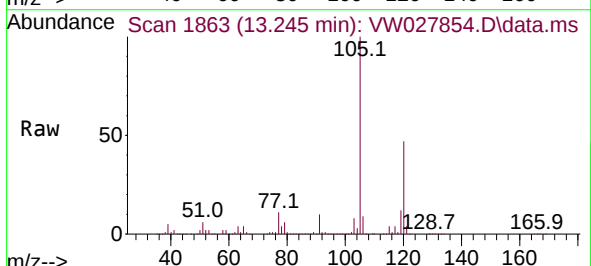


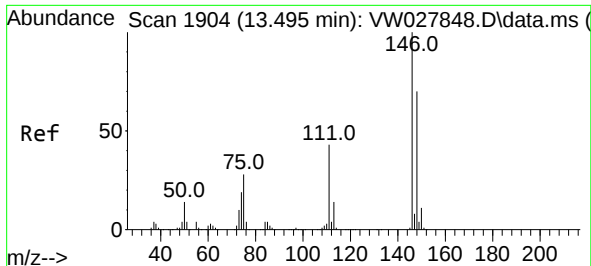
Tgt Ion:105 Resp: 463759
Ion Ratio Lower Upper
105 100
120 49.6 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 23.540 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion:105 Resp: 456259
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.2

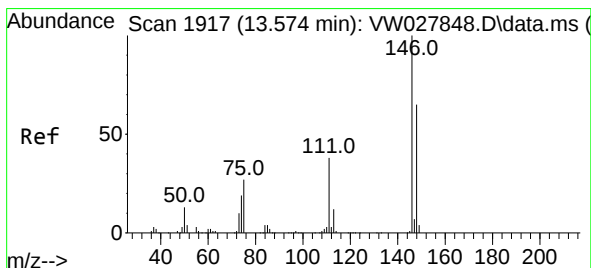
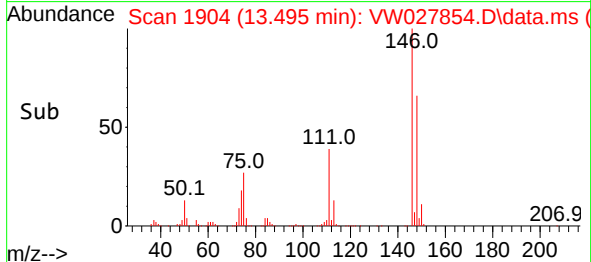
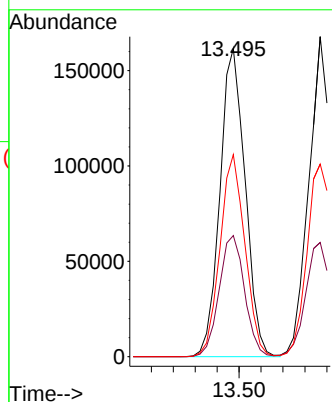
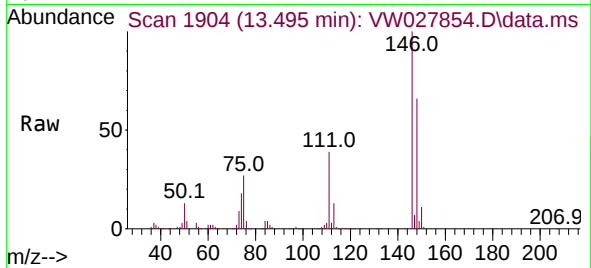




#64
1,3-Dichlorobenzene
Concen: 23.136 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

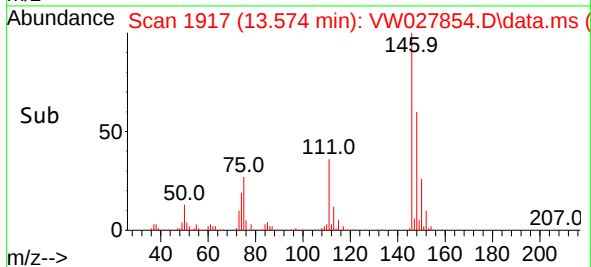
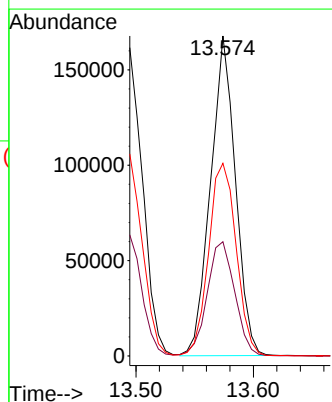
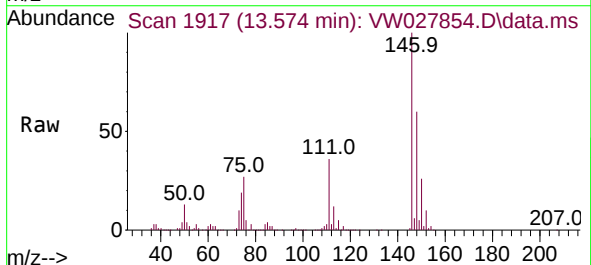
Instrument :
MSVOA_W
ClientSampleId :

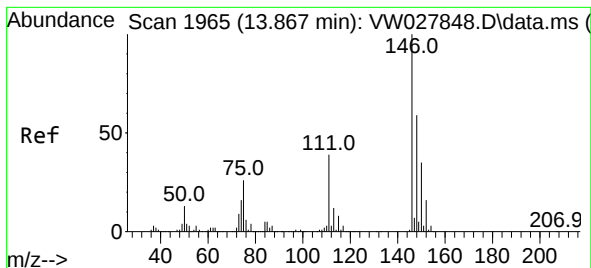
Tgt Ion:146 Resp: 258069
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.6
148 65.6 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 22.703 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

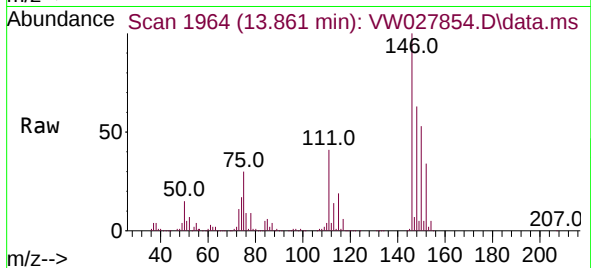
Tgt Ion:146 Resp: 247525
Ion Ratio Lower Upper
146 100
111 35.7 26.6 49.4
148 60.2 52.1 96.7



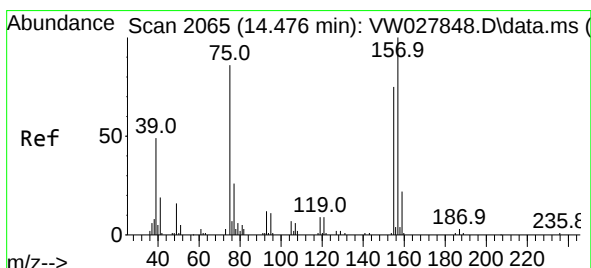
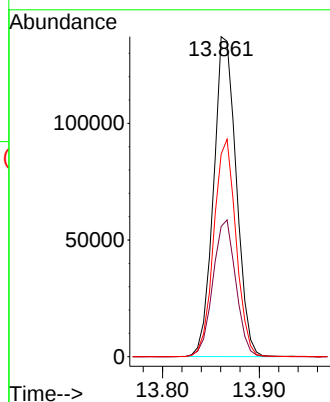
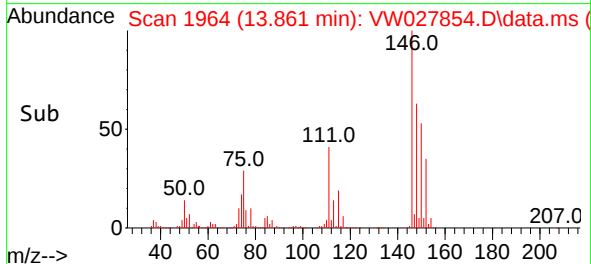


#67
1,2-Dichlorobenzene
Concen: 23.555 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

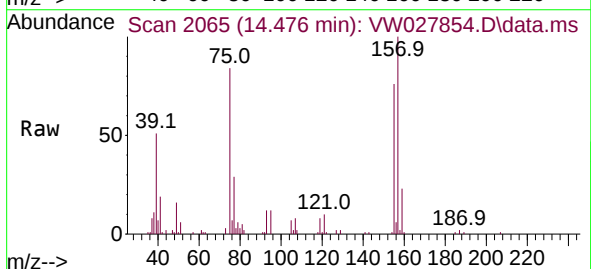
Instrument :
MSVOA_W
ClientSampleId :



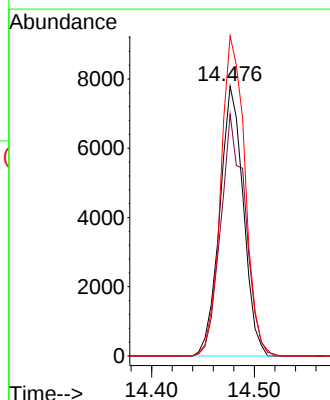
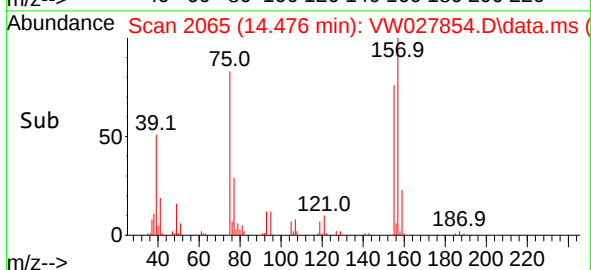
Tgt Ion:146 Resp: 223937
Ion Ratio Lower Upper
146 100
111 40.7 34.9 52.3
148 63.3 56.6 84.8

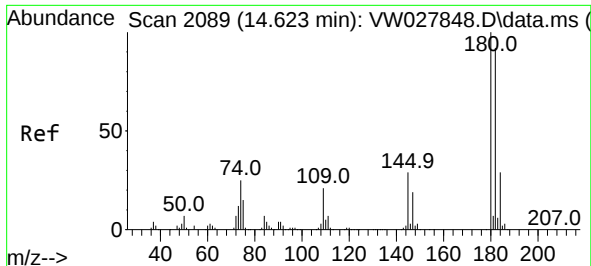


#68
1,2-Dibromo-3-chloropropane
Concen: 23.490 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31



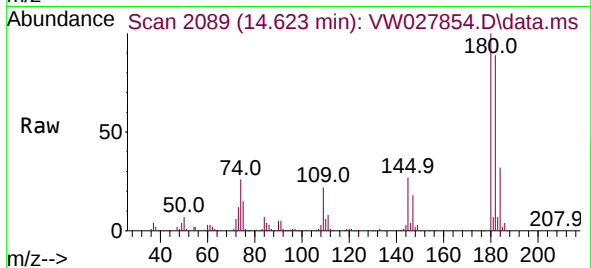
Tgt Ion: 75 Resp: 12413
Ion Ratio Lower Upper
75 100
155 89.7 67.8 101.8
157 118.6 85.4 128.0



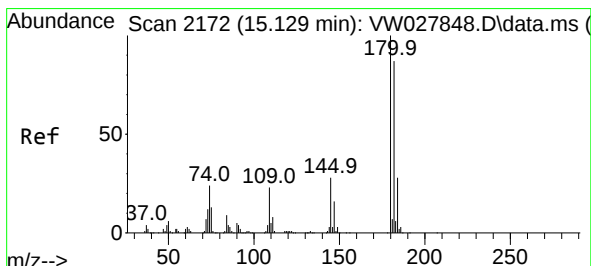
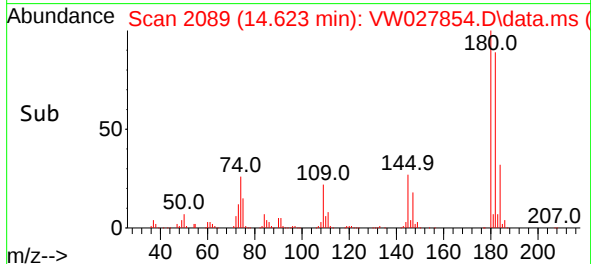
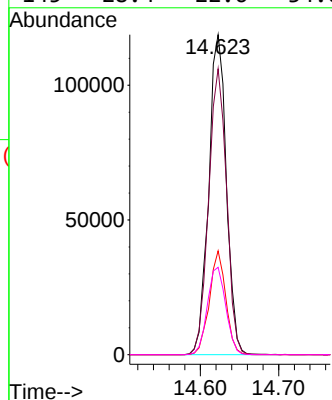


#69
 1,3,5-Trichlorobenzene
 Concen: 24.258 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

Instrument :
 MSVOA_W
 ClientSampleId :

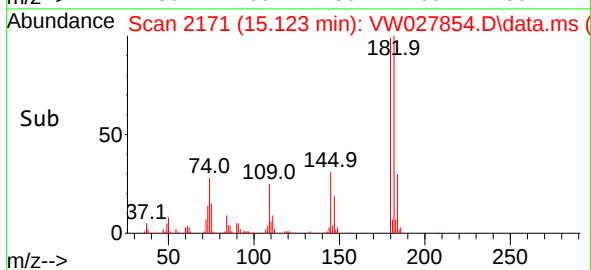
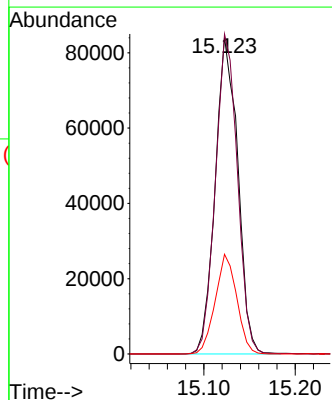
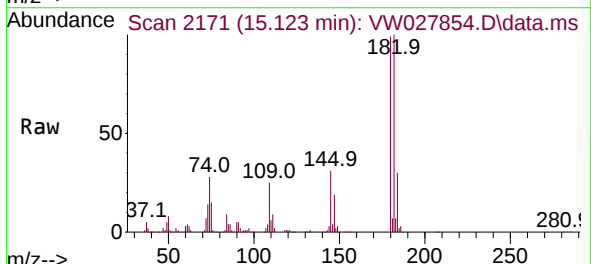


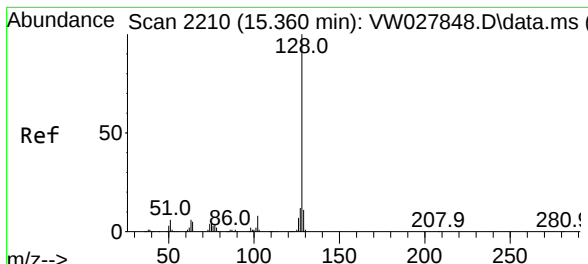
Tgt Ion:180 Resp: 186295
 Ion Ratio Lower Upper
 180 100
 182 90.7 72.6 109.0
 184 30.2 22.7 34.1
 145 28.4 22.6 34.0



#70
 1,2,4-trichlorobenzene
 Concen: 22.878 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027854.D
 Acq: 24 Jan 2024 13:31

Tgt Ion:180 Resp: 144261
 Ion Ratio Lower Upper
 180 100
 182 98.2 69.4 104.2
 145 30.1 23.4 35.2

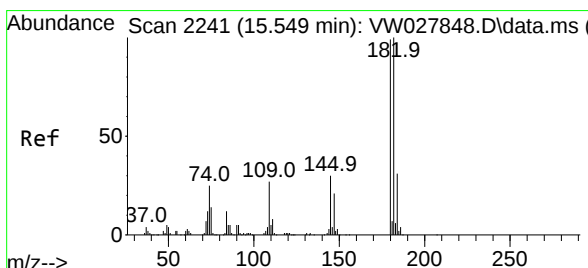
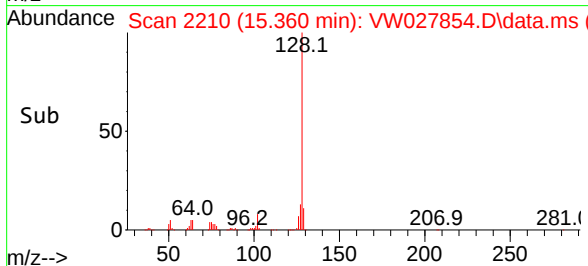
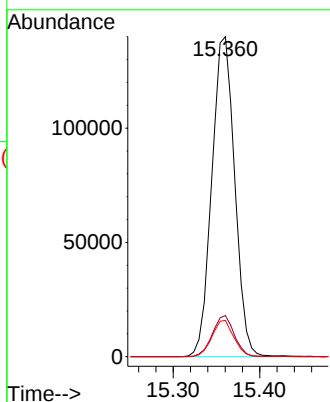
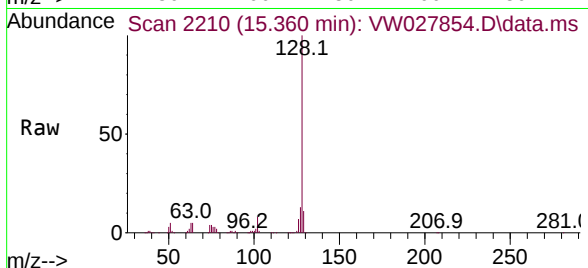




#71
Naphthalene
Concen: 24.832 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 257220
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.734 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027854.D
Acq: 24 Jan 2024 13:31

Tgt Ion:180 Resp: 125862
Ion Ratio Lower Upper
180 100
182 96.4 74.7 112.1
145 31.2 25.0 37.6

