

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020624\
 Data File : VW027975.D
 Acq On : 06 Feb 2024 16:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 23:53:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 23:51:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	311075	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	152945	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	76440	20.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.920%
7) Chloroethane-d5	2.899	69	64981	23.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.040%
11) 1,1-Dichloroethene-d2	4.021	65	32512	20.855	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.440%
21) 2-Butanone-d5	7.087	46	32716	57.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.580%
24) Chloroform-d	7.648	84	161379	22.187	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.760%
26) 1,2-Dichloroethane-d4	8.306	65	78869	24.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.270	84	330163	21.234	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.920%
36) 1,2-Dichloropropane-d6	9.270	67	90847	21.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.200%
41) Toluene-d8	10.318	98	319662	21.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.960%
43) trans-1,3-Dichloroprop...	10.574	79	40462	23.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.360%
47) 2-Hexanone-d5	10.922	63	33562	58.529	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81108	25.741	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	119690	23.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59959	22.383	ug/L	93
3) Chloromethane	2.222	50	62972	21.405	ug/L	97
5) Vinyl chloride	2.374	62	86473	21.686	ug/L	100
6) Bromomethane	2.789	94	63033	22.372	ug/L	95
8) Chloroethane	2.929	64	54993	24.409	ug/L	95
9) Trichlorofluoromethane	3.271	101	75694	20.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	82905	22.697	ug/L	98
12) 1,1-Dichloroethene	4.045	96	77592	22.835	ug/L	94
13) Acetone	4.142	43	35284	64.097	ug/L	95
14) Carbon disulfide	4.386	76	206585	20.536	ug/L	100
15) Methyl Acetate	4.679	43	26290	28.688	ug/L	98
16) Methylene chloride	4.917	84	93328	24.003	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	84358	23.107	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	116194	26.847	ug/L	99
19) 1,1-Dichloroethane	6.215	63	141156	23.801	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	92170	23.909	ug/L	95
22) 2-Butanone	7.179	43	40194	63.254	ug/L	96
23) Bromochloromethane	7.514	128	41762	24.388	ug/L	89
25) Chloroform	7.672	83	155191	24.341	ug/L	95

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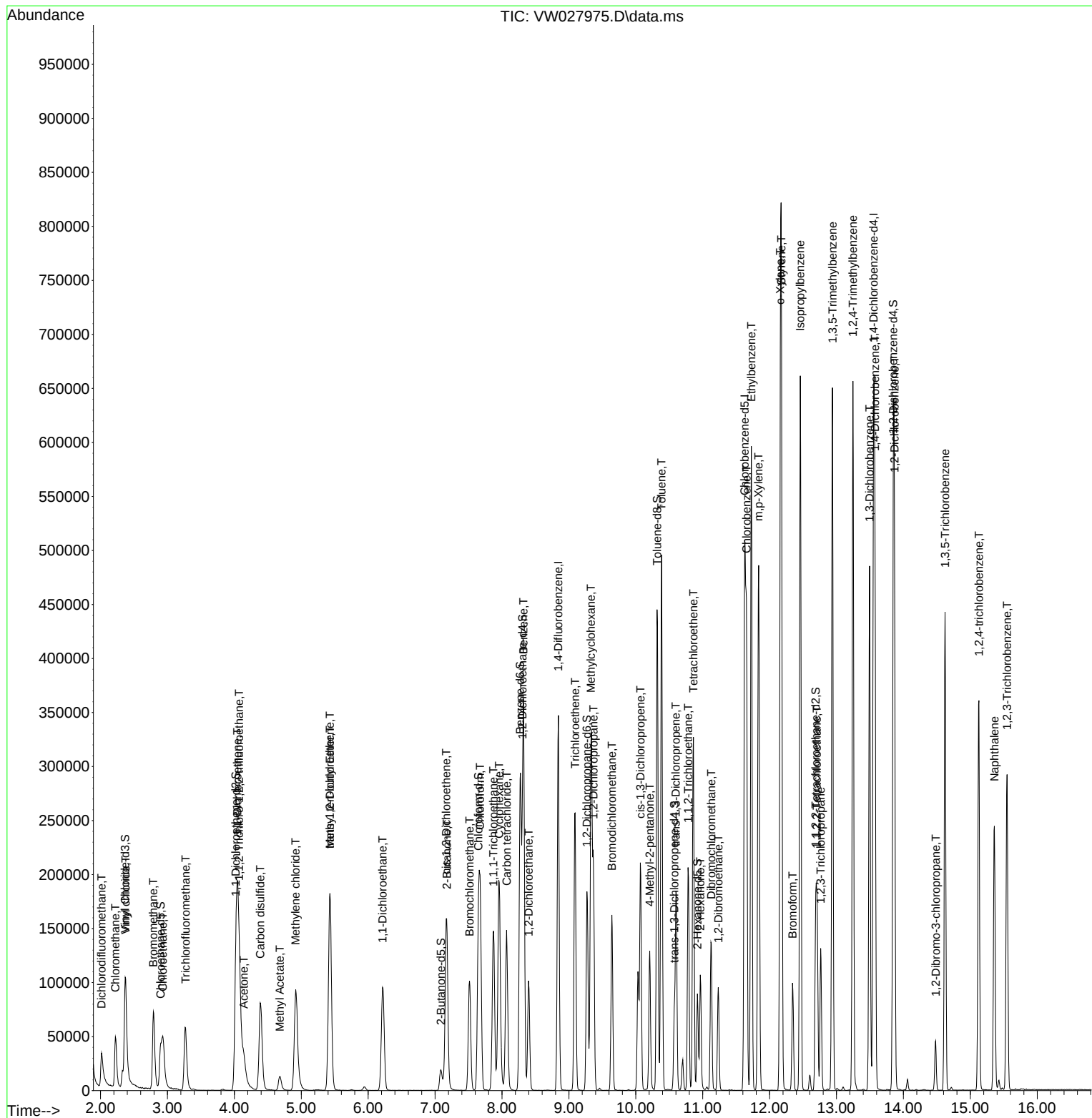
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	92480	26.047	ug/L	97
29) Cyclohexane	7.959	56	114777	22.159	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	126003	22.461	ug/L	98
31) Carbon tetrachloride	8.069	117	116466	22.441	ug/L	100
33) Benzene	8.319	78	331442	22.835	ug/L	100
34) Trichloroethene	9.093	95	92410	22.177	ug/L	93
35) Methylcyclohexane	9.331	83	153983	22.457	ug/L	98
37) 1,2-Dichloropropane	9.367	63	80255	23.530	ug/L	100
38) Bromodichloromethane	9.642	83	111412	24.471	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	134289	24.564	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	76330	59.291	ug/L	99
42) Toluene	10.385	91	377741	23.211	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	110076	25.368	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70095	25.964	ug/L	98
46) Tetrachloroethene	10.861	164	76971	21.953	ug/L	93
48) 2-Hexanone	10.964	43	60325	61.866	ug/L	99
49) Dibromochloromethane	11.129	129	78933	25.645	ug/L	94
50) 1,2-Dibromoethane	11.233	107	65923	26.160	ug/L	92
51) Chlorobenzene	11.653	112	248619	22.969	ug/L	97
52) Ethylbenzene	11.726	91	434497	23.680	ug/L	98
53) m,p-Xylene	11.836	106	171788	23.873	ug/L	96
54) o-Xylene	12.159	106	160159	23.731	ug/L	99
55) Styrene	12.178	104	276971	24.639	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	79005	27.328	ug/L	95
59) Bromoform	12.342	173	48902	27.089	ug/L #	97
60) Isopropylbenzene	12.458	105	444337	23.268	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55382	27.132	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	360166	23.568	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	367373	24.567	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	207715	23.678	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	201516	22.593	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	193494	24.972	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	11510	28.402	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	139347	22.121	ug/L	92
70) 1,2,4-trichlorobenzene	15.128	180	123047	24.189	ug/L	97
71) Naphthalene	15.360	128	231191	29.247	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102009	24.035	ug/L	95

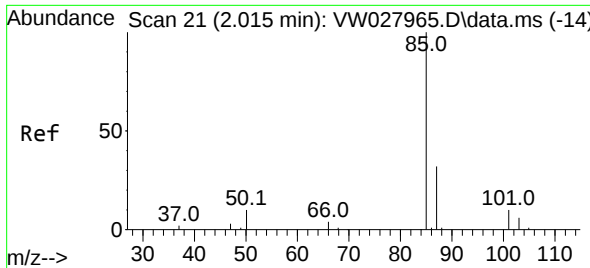
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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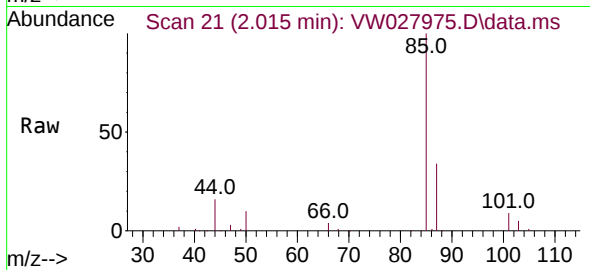
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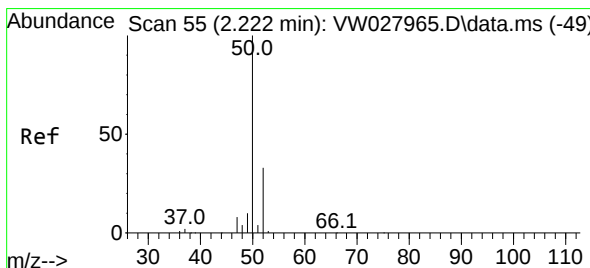
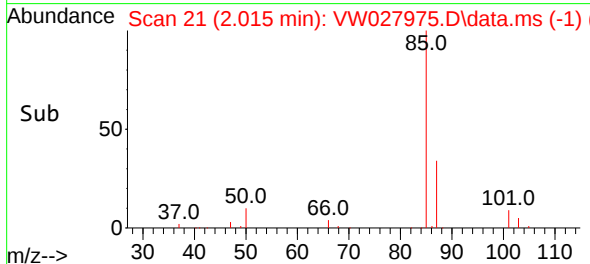
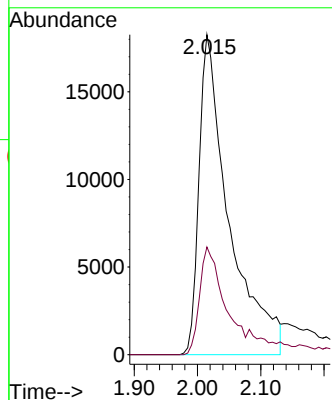


#2
 Dichlorodifluoromethane
 Concen: 22.383 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027975.D
 Acq: 06 Feb 2024 16:51

Instrument :
 MSVOA_W
 ClientSampleId :

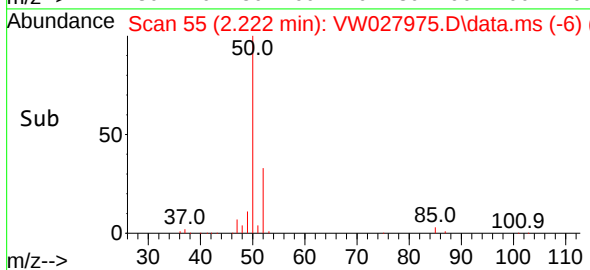
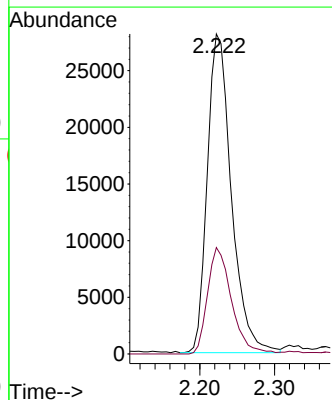
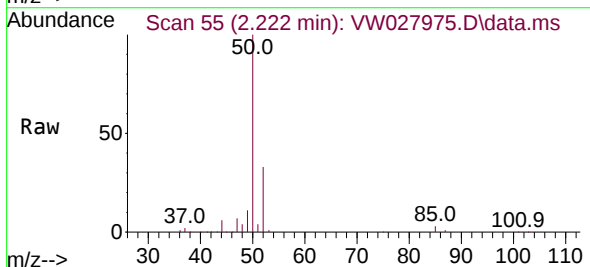


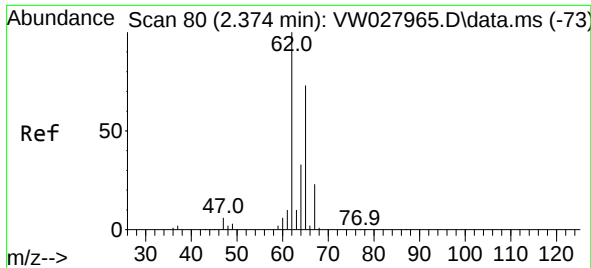
Tgt Ion: 85 Resp: 59959
 Ion Ratio Lower Upper
 85 100
 87 27.8 25.3 37.9



#3
 Chloromethane
 Concen: 21.405 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027975.D
 Acq: 06 Feb 2024 16:51

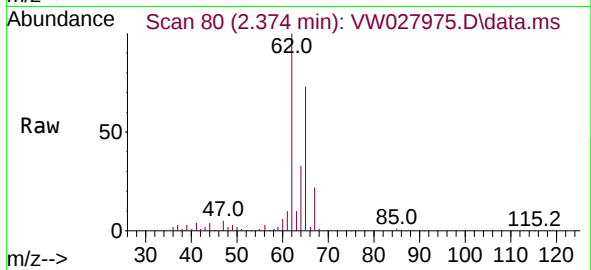
Tgt Ion: 50 Resp: 62972
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.3 45.1



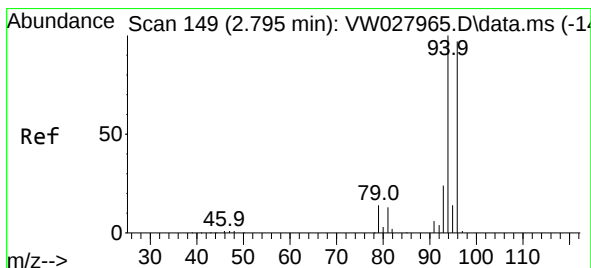
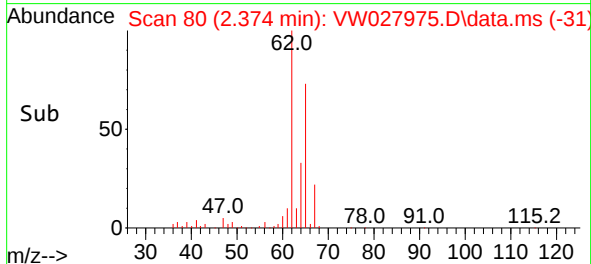
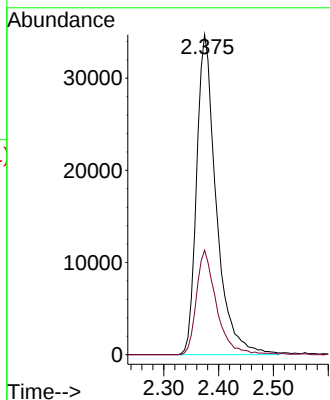


#5
 Vinyl chloride
 Concen: 21.686 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027975.D
 Acq: 06 Feb 2024 16:51

Instrument :
 MSVOA_W
 ClientSampleId :

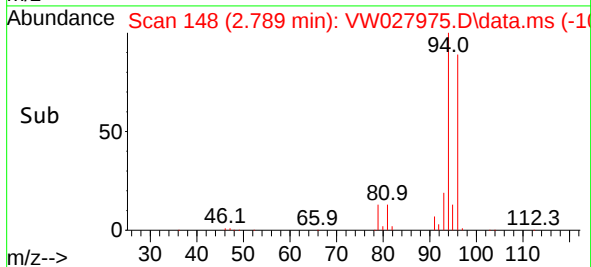
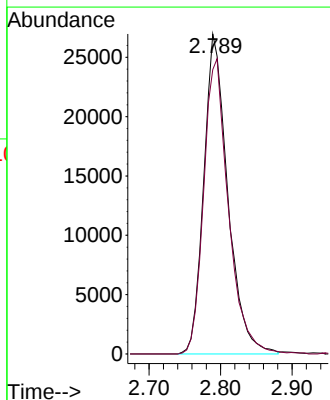
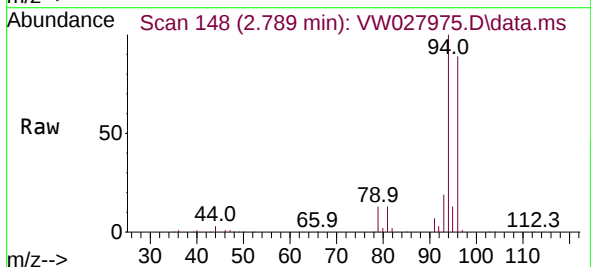


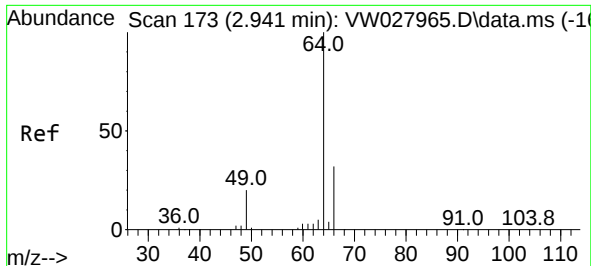
Tgt Ion: 62 Resp: 86473
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 22.372 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027975.D
 Acq: 06 Feb 2024 16:51

Tgt Ion: 94 Resp: 63033
 Ion Ratio Lower Upper
 94 100
 96 88.9 65.3 121.3

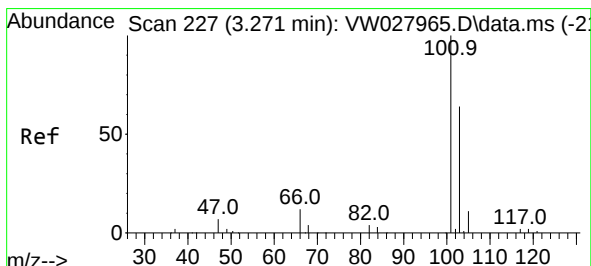
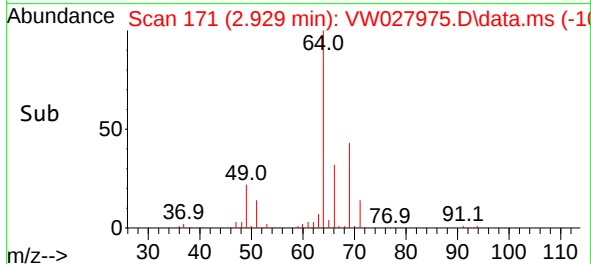
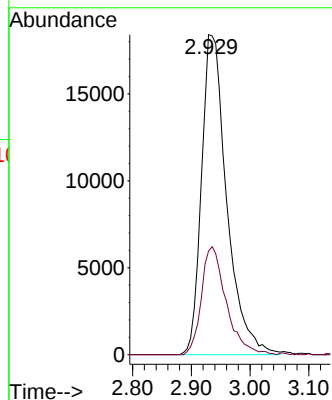
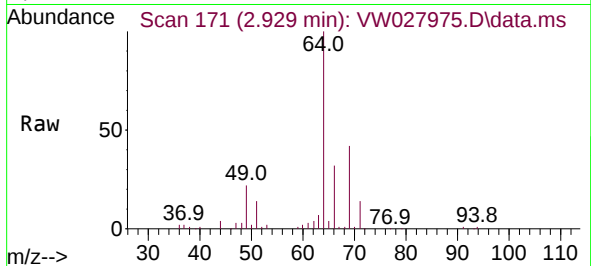




#8
Chloroethane
Concen: 24.409 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

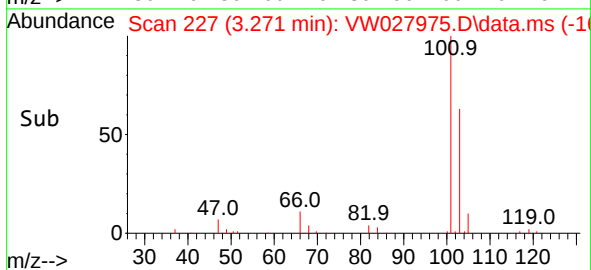
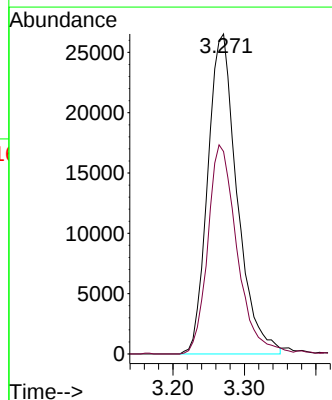
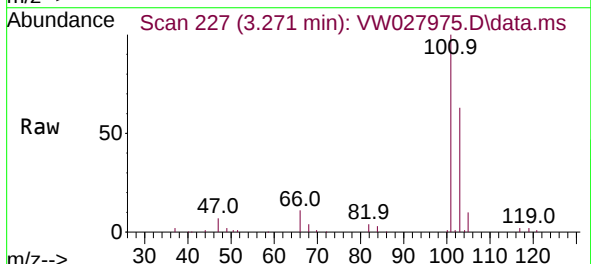
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MSVOA_W
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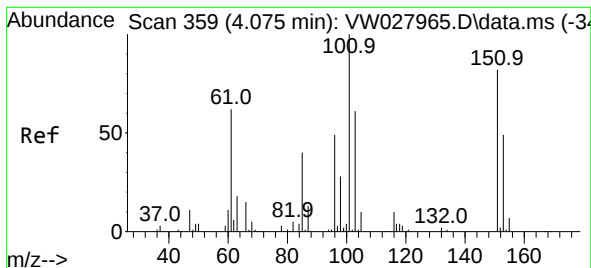
Tgt Ion: 64 Resp: 54993
Ion Ratio Lower Upper
64 100
66 32.4 20.9 38.7



#9
Trichlorofluoromethane
Concen: 20.888 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion:101 Resp: 75694
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4





#10

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

Concen: 22.697 ug/L

RT: 4.069 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

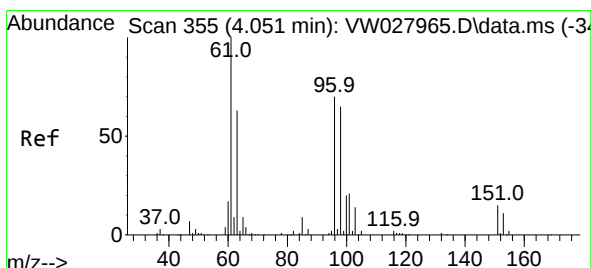
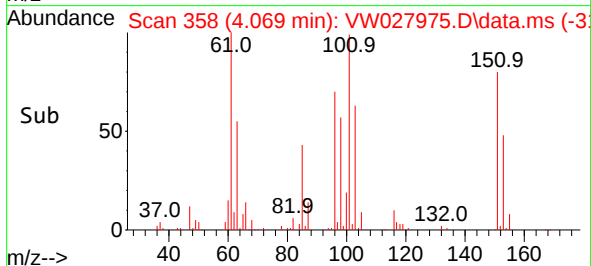
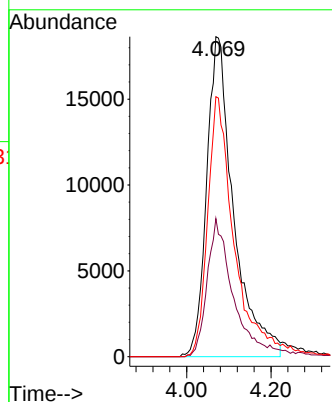
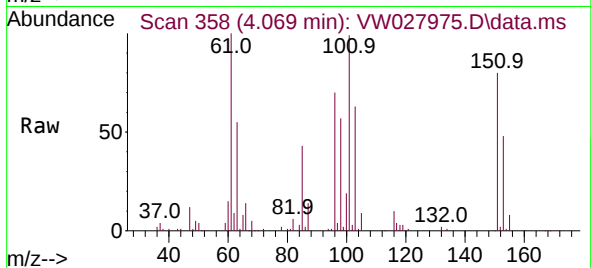
Tgt Ion:101 Resp: 82905

Ion Ratio Lower Upper

101 100

85 40.3 33.8 50.6

151 76.6 62.6 93.8



#12

1,1-Dichloroethene

Concen: 22.835 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW027975.D

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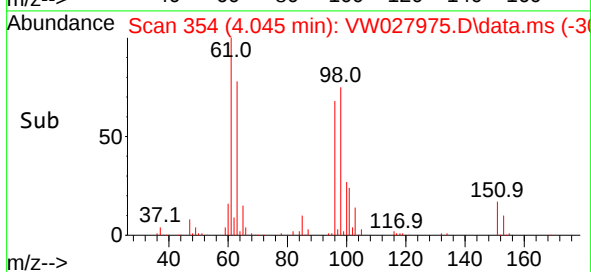
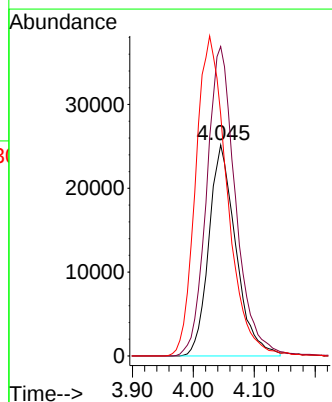
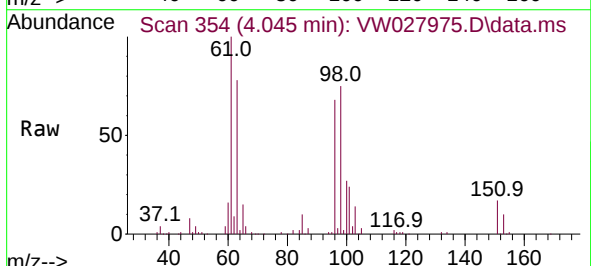
Tgt Ion: 96 Resp: 77592

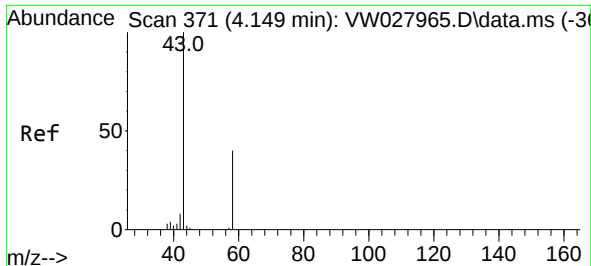
Ion Ratio Lower Upper

96 100

61 146.6 107.4 199.4

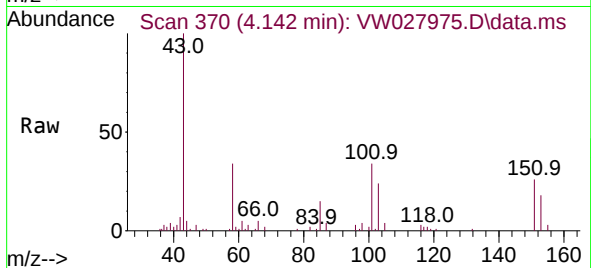
63 114.4 86.0 159.6



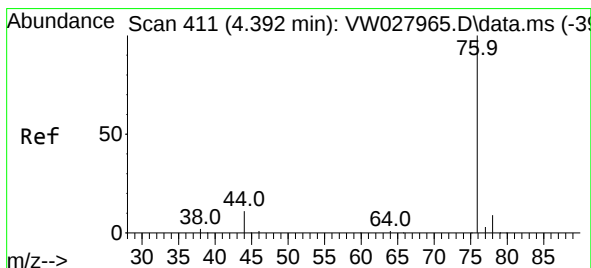
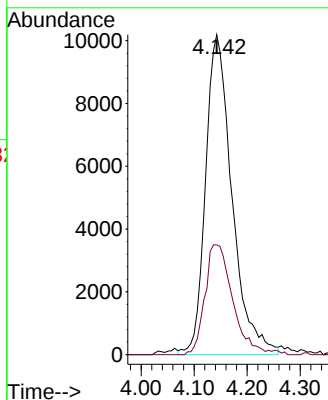
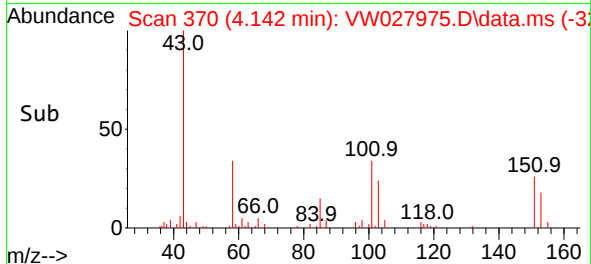


#13
Acetone
Concen: 64.097 ug/L
RT: 4.142 min Scan# 31
Delta R.T. -0.006 min
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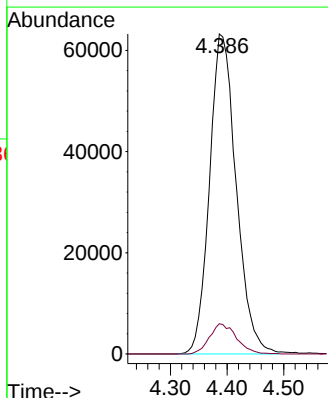
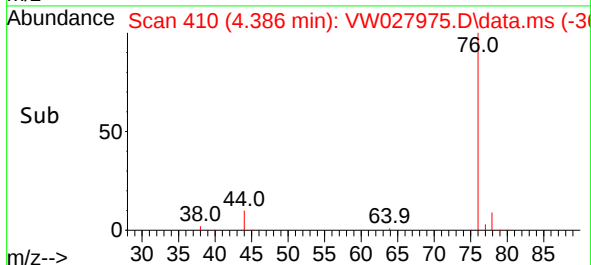
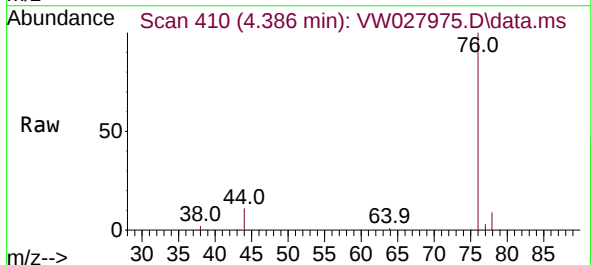


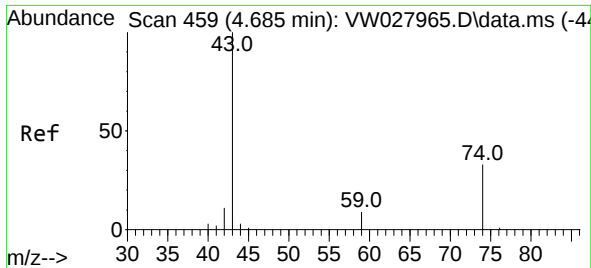
Tgt Ion: 43 Resp: 35284
Ion Ratio Lower Upper
43 100
58 35.6 0.0 66.0



#14
Carbon disulfide
Concen: 20.536 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 206585
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

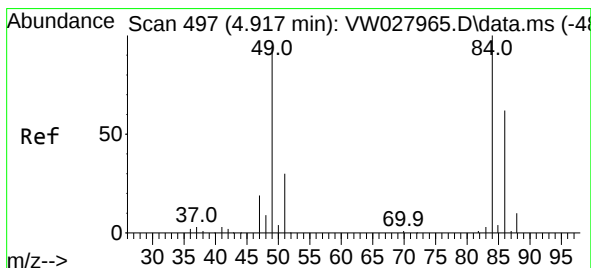
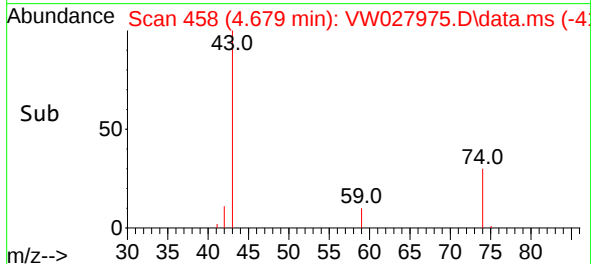
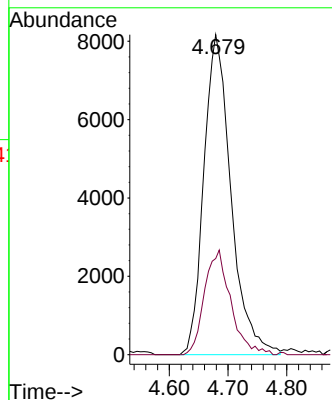
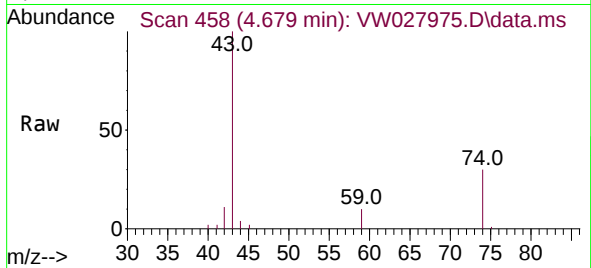




#15
Methyl Acetate
Concen: 28.688 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

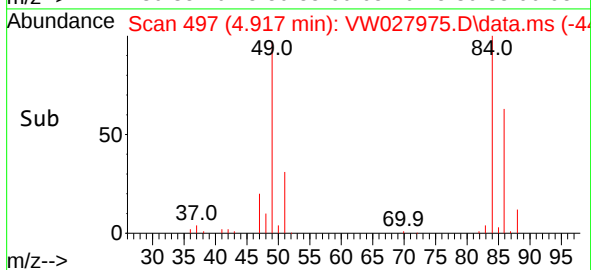
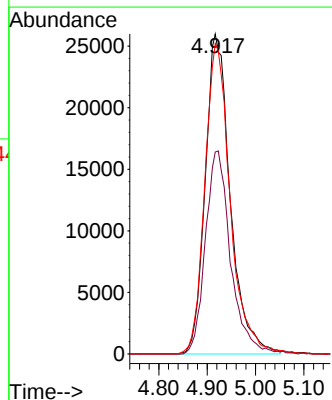
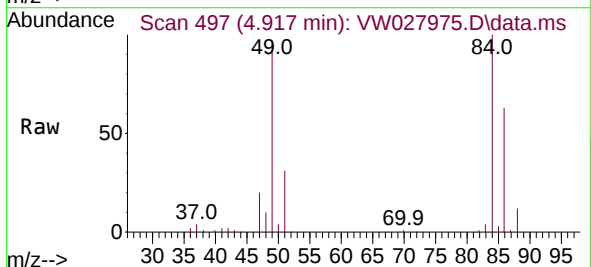
Instrument :
MSVOA_W
ClientSampleId :

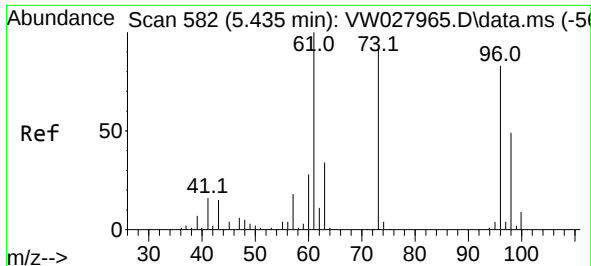
Tgt Ion: 43 Resp: 26290
Ion Ratio Lower Upper
43 100
74 31.5 24.2 36.2



#16
Methylene chloride
Concen: 24.003 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion: 84 Resp: 93328
Ion Ratio Lower Upper
84 100
86 63.1 45.4 84.4
49 97.0 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 23.107 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

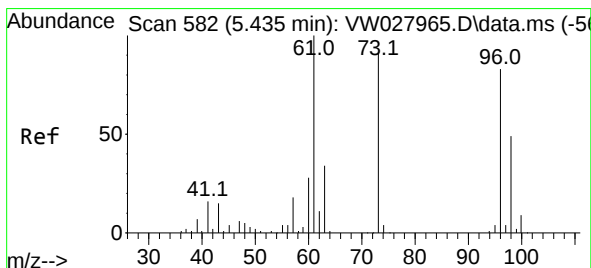
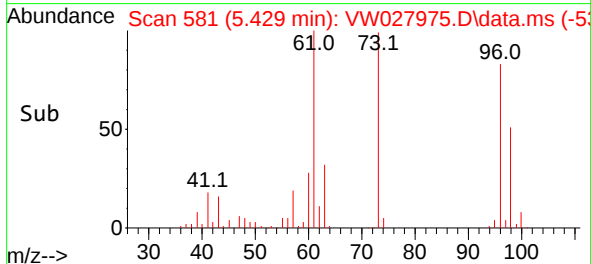
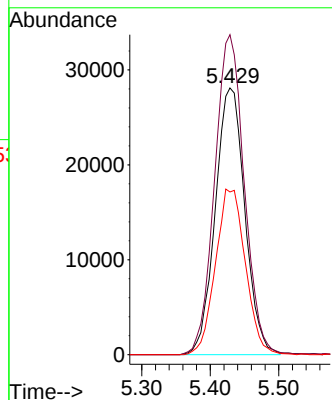
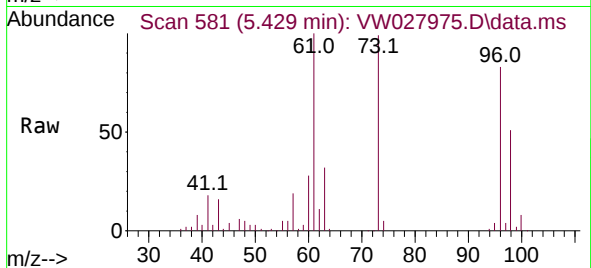
Tgt Ion: 96 Resp: 84358

Ion Ratio Lower Upper

96 100

61 120.0 80.1 148.7

98 61.0 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 26.847 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

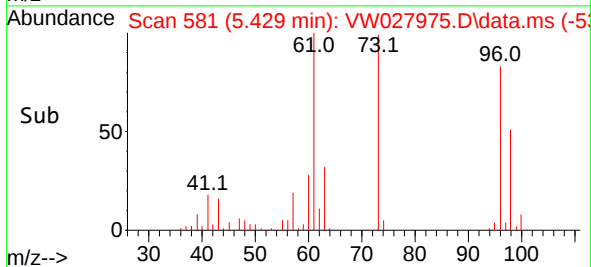
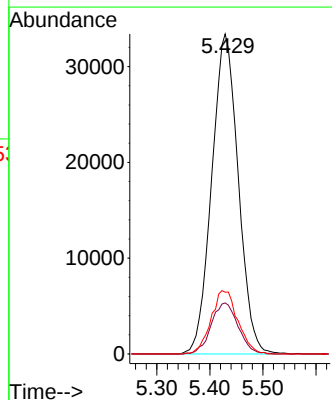
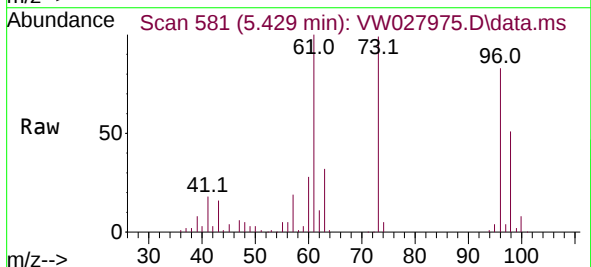
Tgt Ion: 73 Resp: 116194

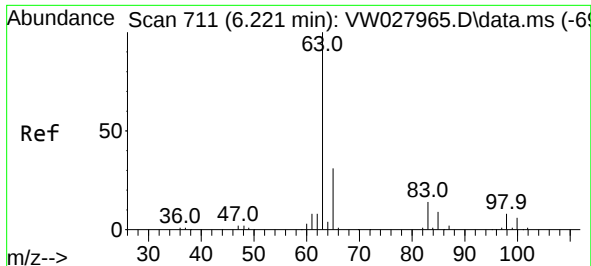
Ion Ratio Lower Upper

73 100

43 16.2 13.4 20.0

57 19.9 16.3 24.5





#19

1,1-Dichloroethane

Concen: 23.801 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

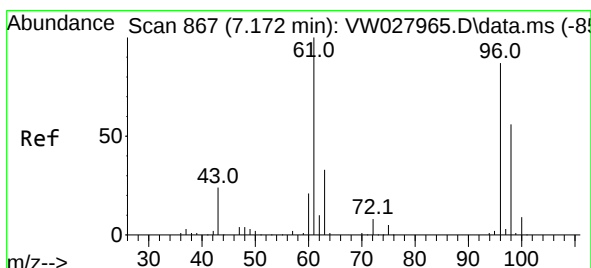
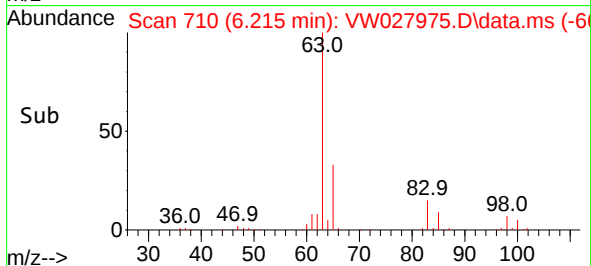
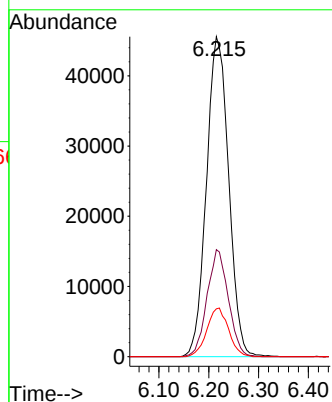
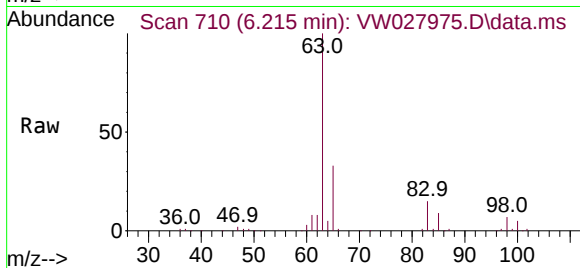
Tgt Ion: 63 Resp: 141156

Ion Ratio Lower Upper

63 100

65 33.4 23.1 42.9

83 15.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 23.909 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

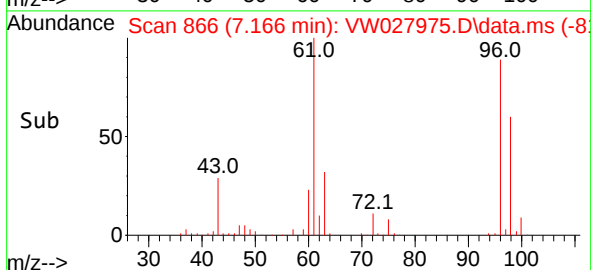
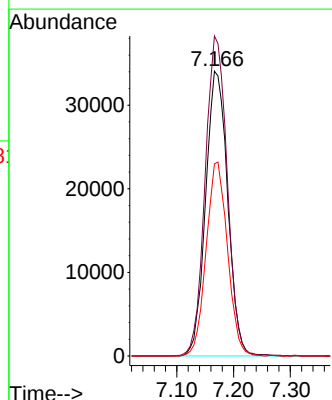
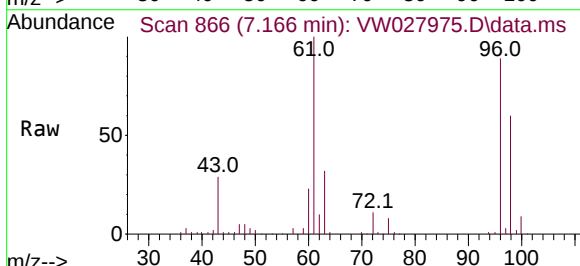
Tgt Ion: 96 Resp: 92170

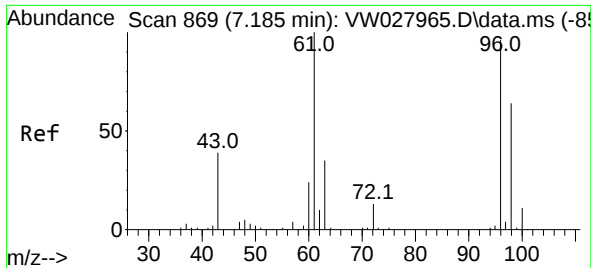
Ion Ratio Lower Upper

96 100

61 112.4 76.3 141.7

98 67.5 42.9 79.7

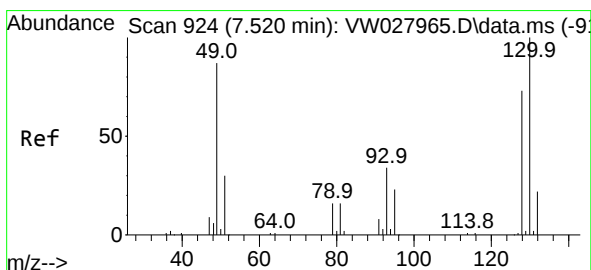
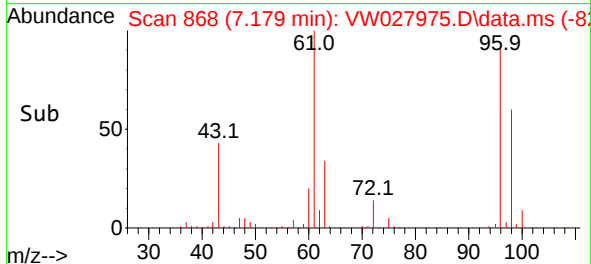
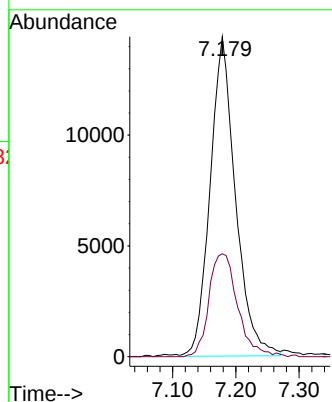
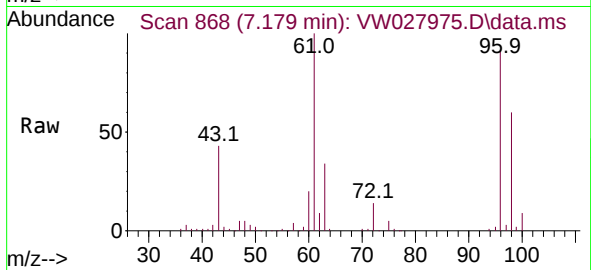




#22
2-Butanone
Concen: 63.254 ug/L
RT: 7.179 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

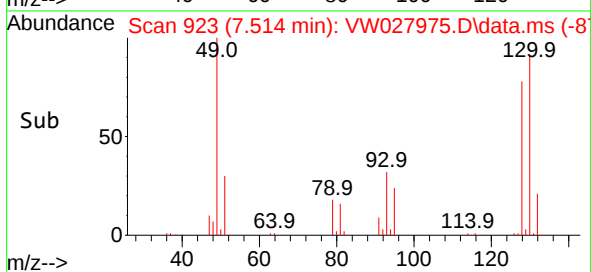
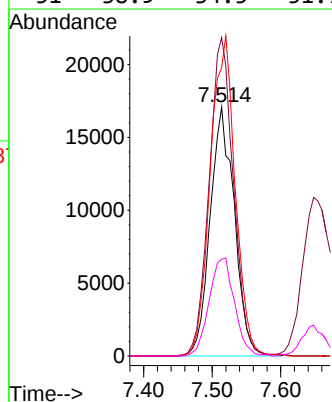
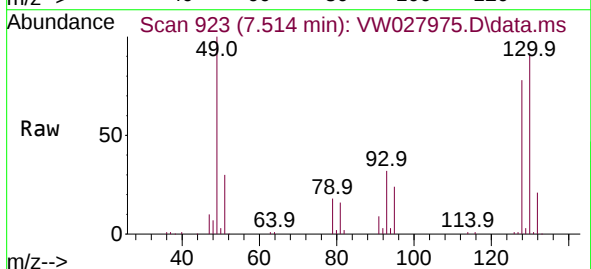
Instrument :
MSVOA_W
ClientSampleId :

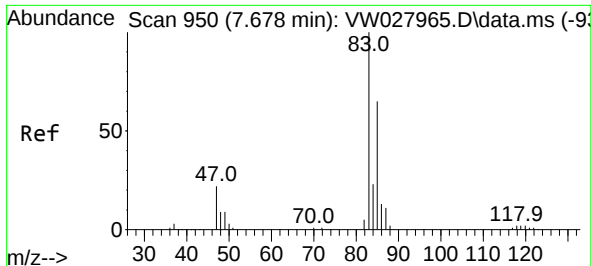
Tgt Ion: 43 Resp: 40194
Ion Ratio Lower Upper
43 100
72 36.1 17.0 50.9



#23
Bromochloromethane
Concen: 24.388 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion: 128 Resp: 41762
Ion Ratio Lower Upper
128 100
49 128.0 93.2 173.2
130 115.8 97.4 180.8
51 38.9 34.5 51.7

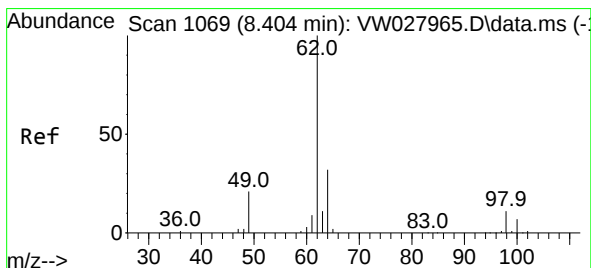
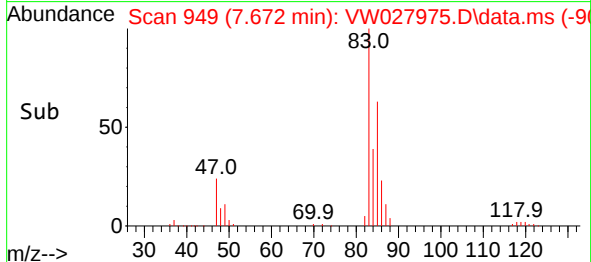
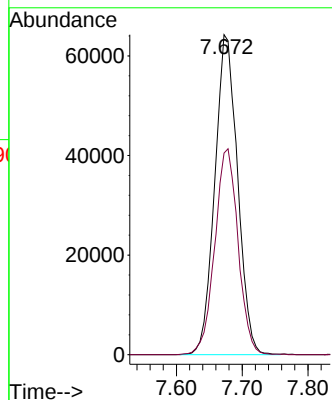
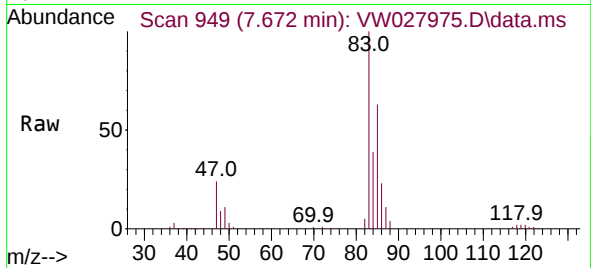




#25
Chloroform
Concen: 24.341 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

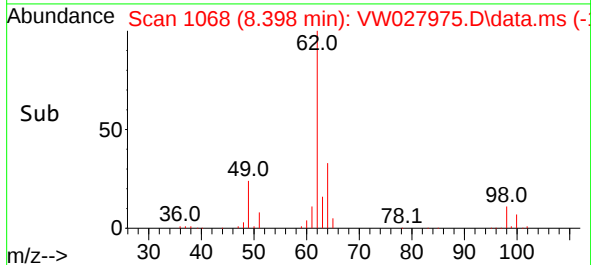
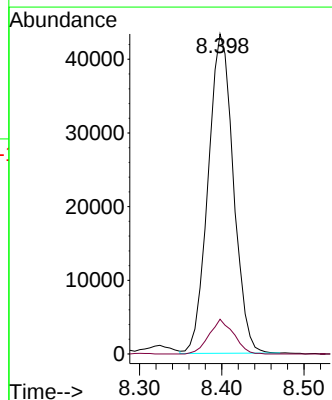
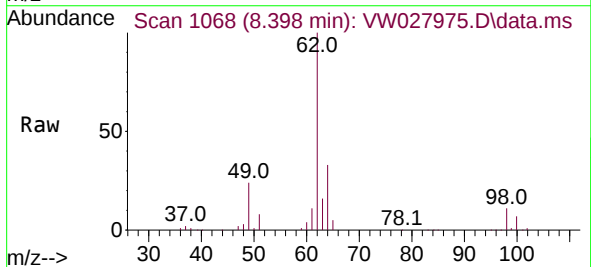
Instrument :
MSVOA_W
ClientSampleId :

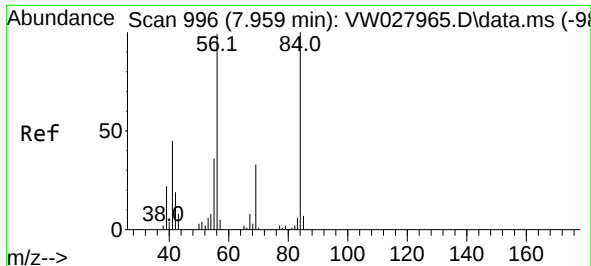
Tgt Ion: 83 Resp: 155191
Ion Ratio Lower Upper
83 100
85 63.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.047 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion: 62 Resp: 92480
Ion Ratio Lower Upper
62 100
98 10.8 9.4 14.2





#29

Cyclohexane

Concen: 22.159 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

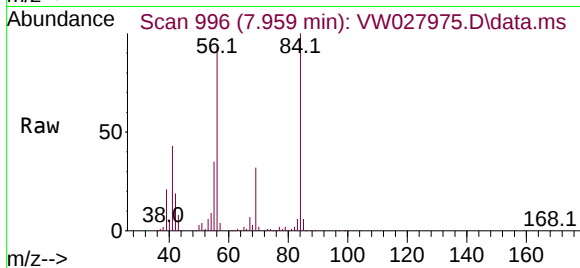
Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :



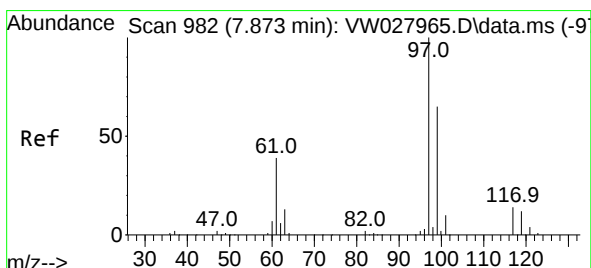
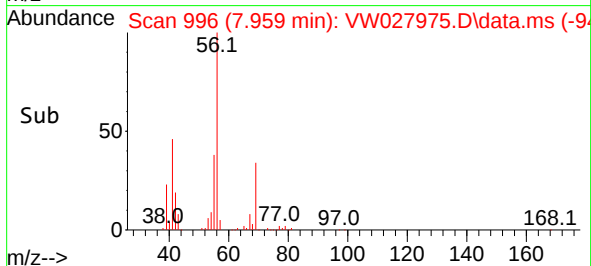
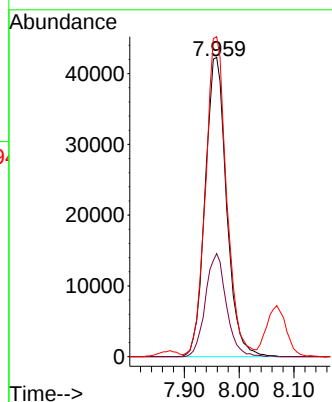
Tgt Ion: 56 Resp: 114777

Ion Ratio Lower Upper

56 100

69 33.4 26.3 39.5

84 105.2 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 22.461 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

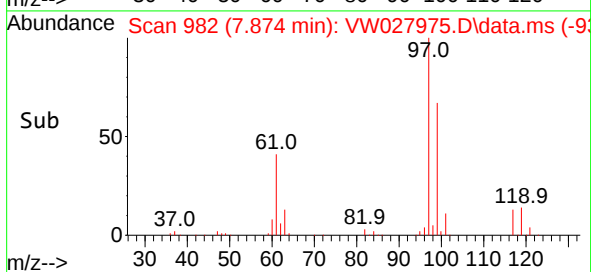
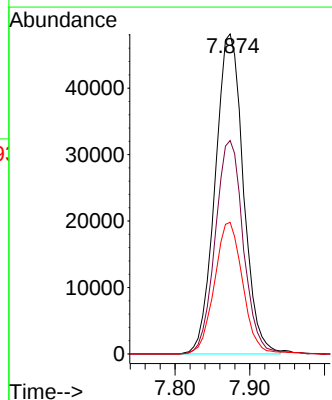
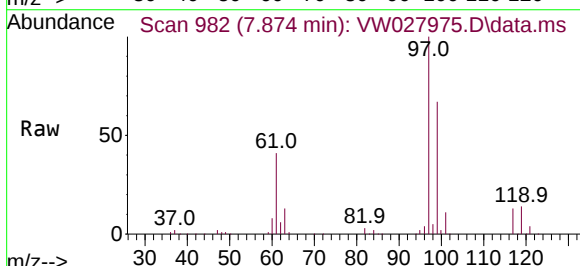
Tgt Ion: 97 Resp: 126003

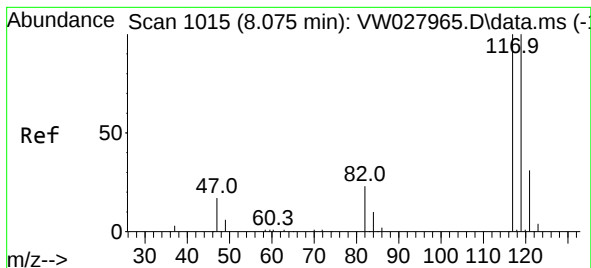
Ion Ratio Lower Upper

97 100

99 66.7 51.4 77.0

61 41.1 32.9 49.3





#31

Carbon tetrachloride

Concen: 22.441 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

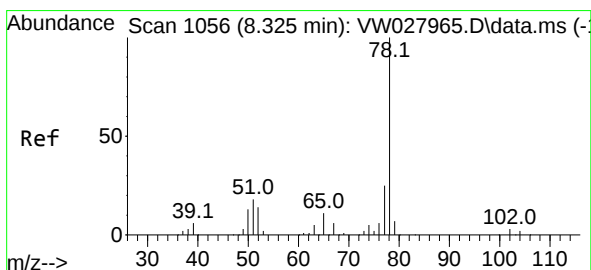
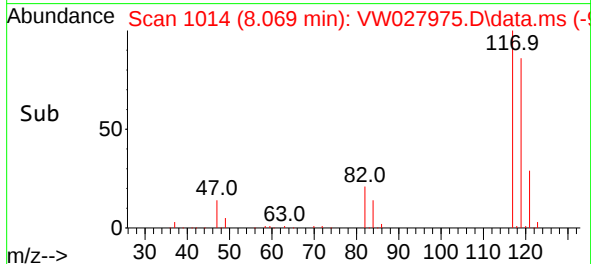
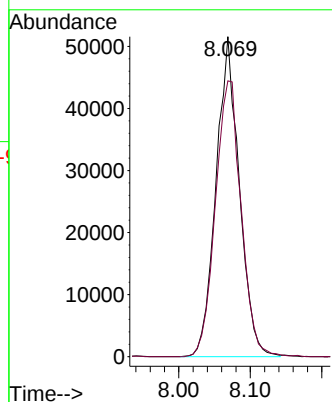
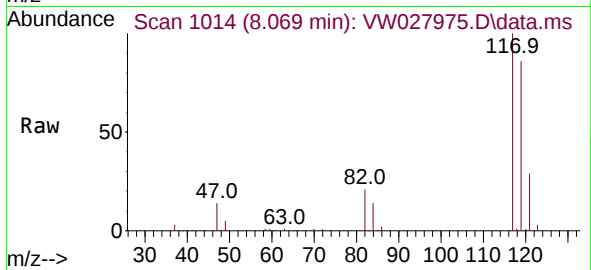
ClientSampleId :

Tgt Ion:117 Resp: 116466

Ion Ratio Lower Upper

117 100

119 95.5 76.5 114.7



#33

Benzene

Concen: 22.835 ug/L

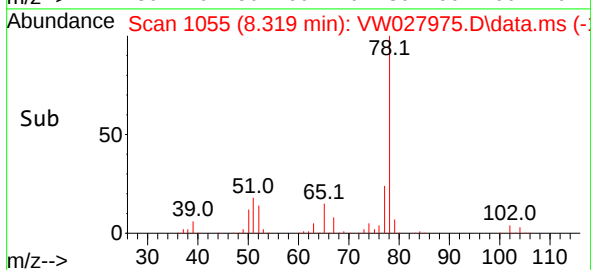
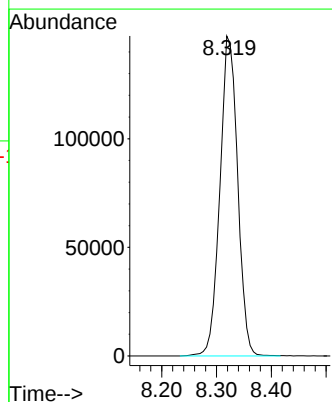
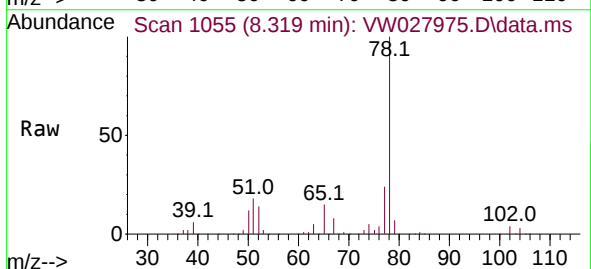
RT: 8.319 min Scan# 1055

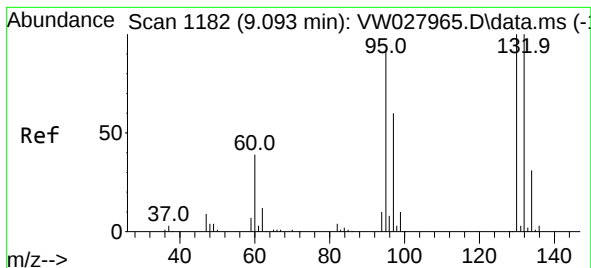
Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Tgt Ion: 78 Resp: 331442





#34

Trichloroethene

Concen: 22.177 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 92410

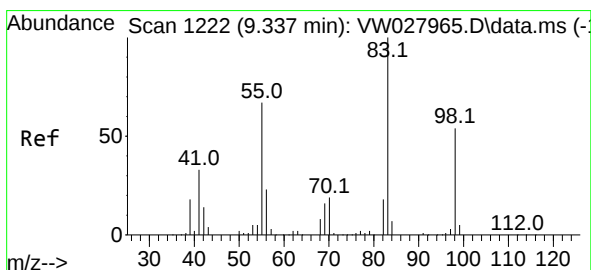
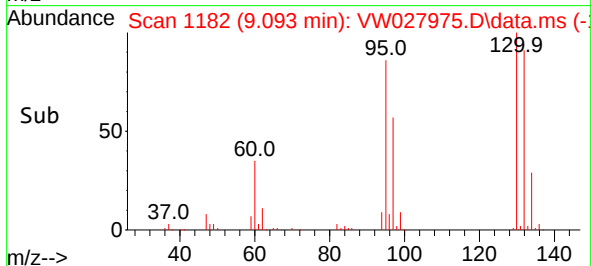
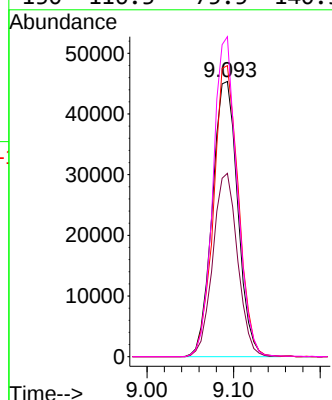
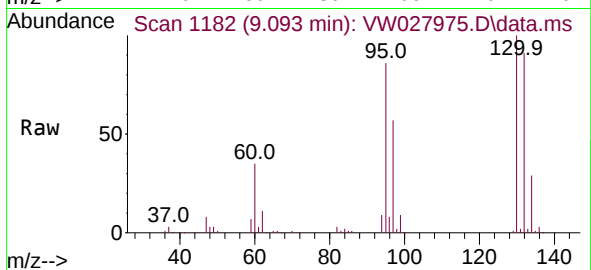
Ion Ratio Lower Upper

95 100

97 66.6 44.3 82.3

132 105.8 68.0 126.2

130 116.3 75.5 140.3



#35

Methylcyclohexane

Concen: 22.457 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

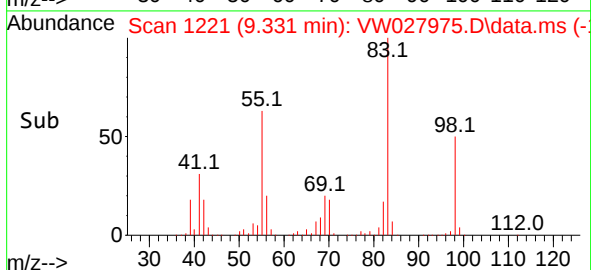
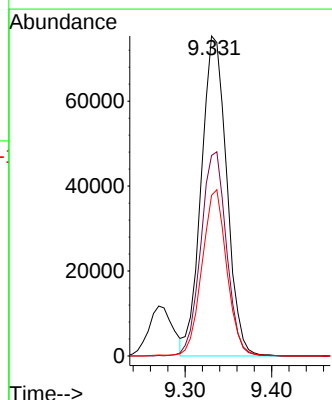
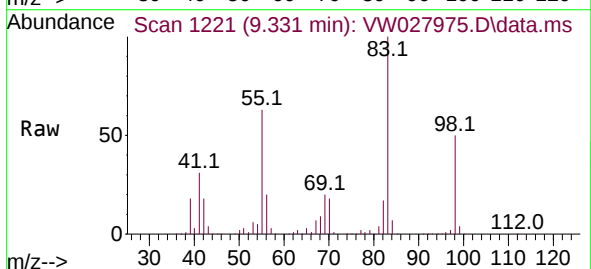
Tgt Ion: 83 Resp: 153983

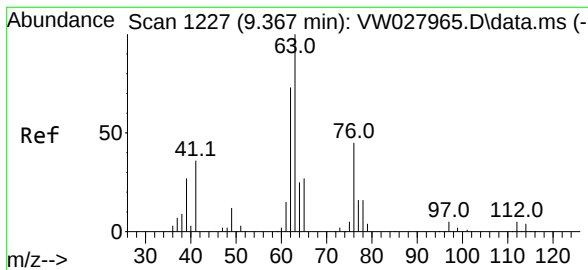
Ion Ratio Lower Upper

83 100

55 64.0 52.3 78.5

98 50.5 41.9 62.9

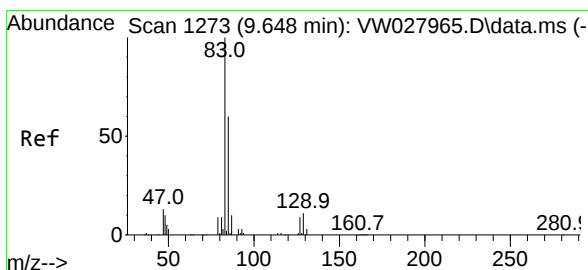
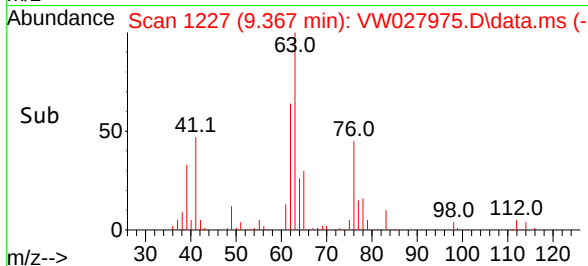
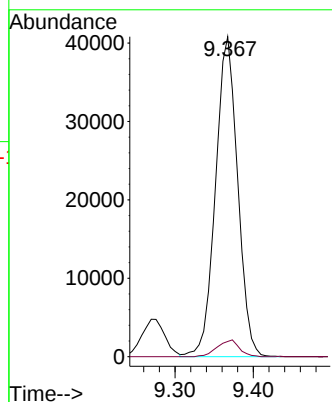
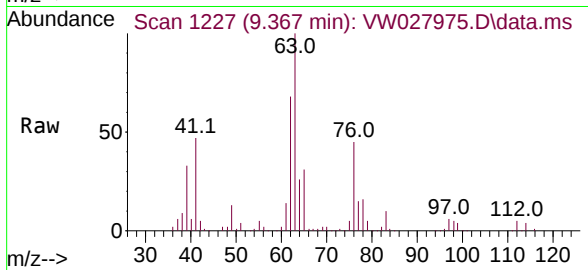




#37
1,2-Dichloropropane
Concen: 23.530 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

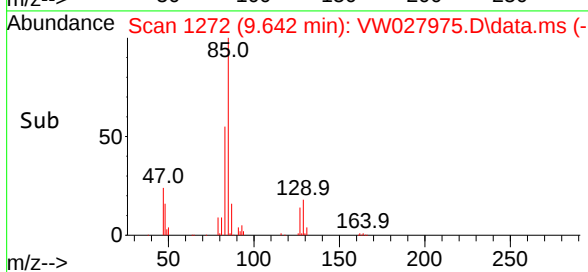
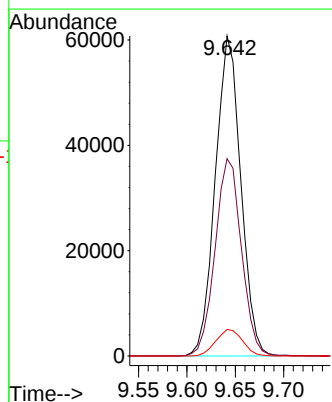
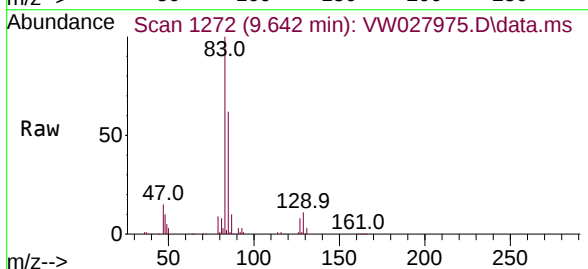
Instrument :
MSVOA_W
ClientSampleId :

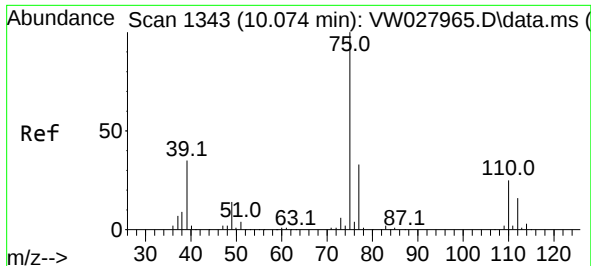
Tgt Ion: 63 Resp: 80255
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.2



#38
Bromodichloromethane
Concen: 24.471 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion: 83 Resp: 111412
Ion Ratio Lower Upper
83 100
85 61.7 44.7 83.1
127 8.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.564 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

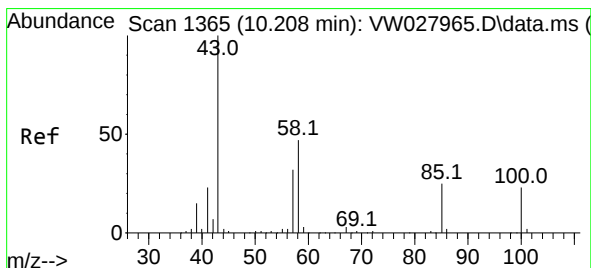
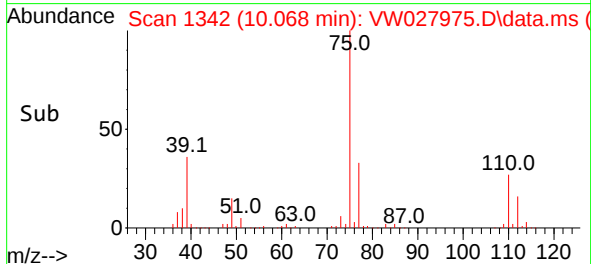
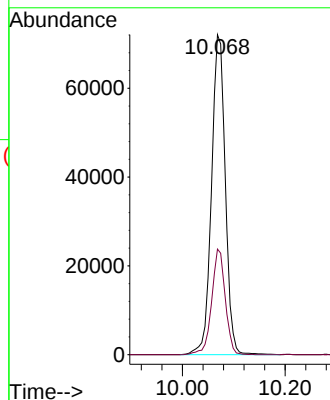
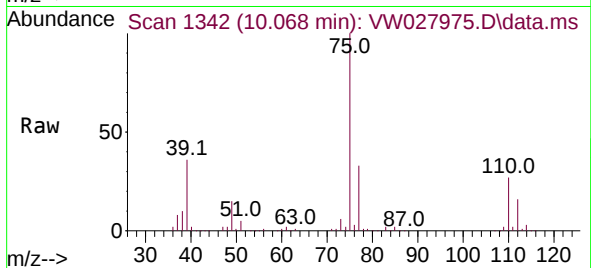
ClientSampleId :

Tgt Ion: 75 Resp: 134289

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 59.291 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

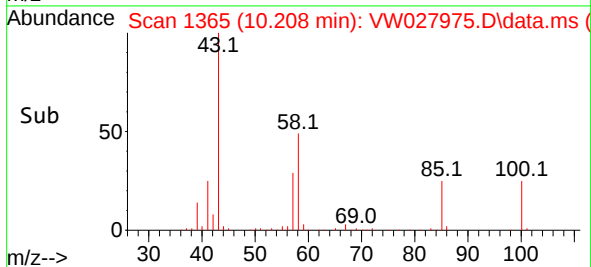
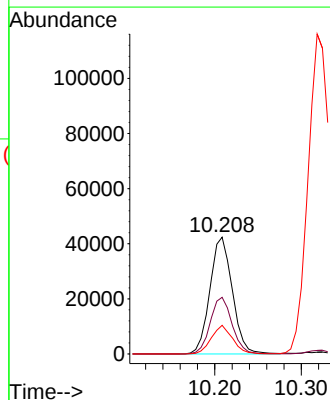
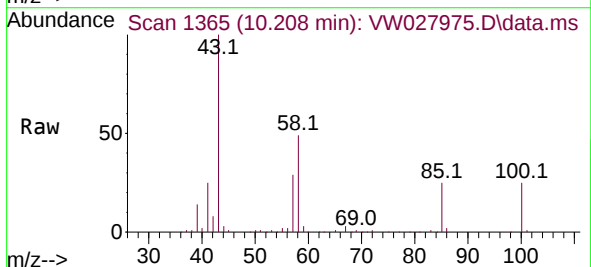
Tgt Ion: 43 Resp: 76330

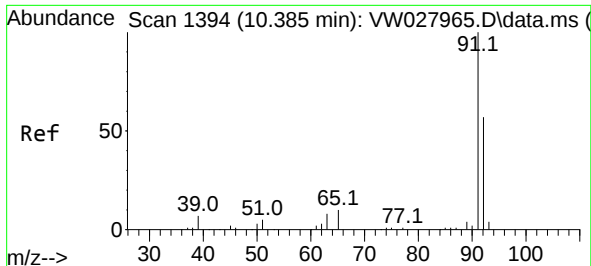
Ion Ratio Lower Upper

43 100

58 47.2 36.7 55.1

100 23.1 18.4 27.6

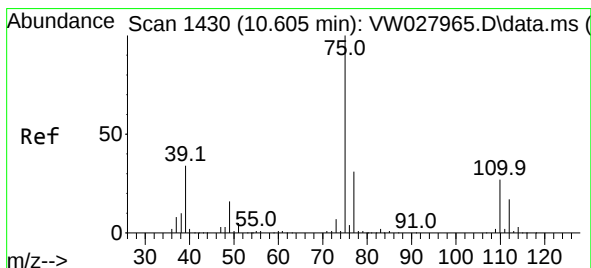
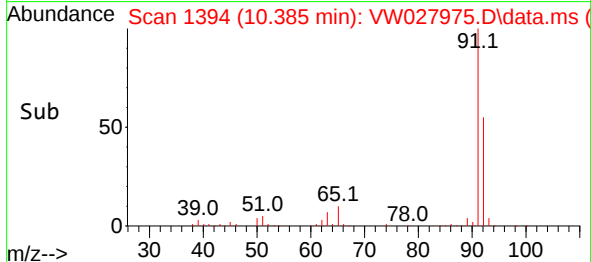
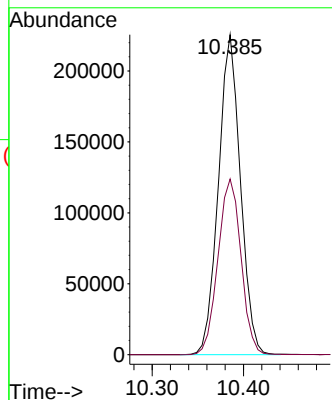
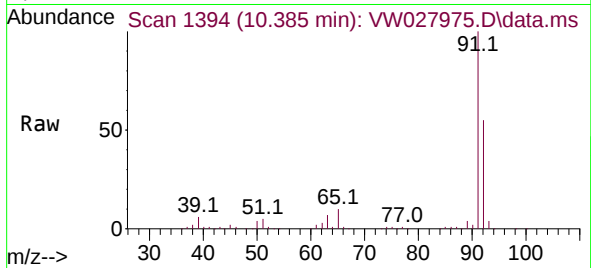




#42
Toluene
Concen: 23.211 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

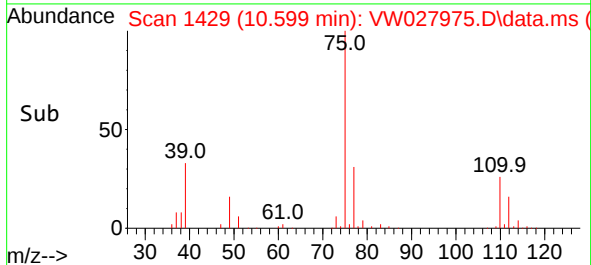
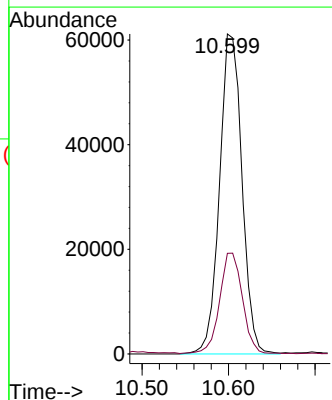
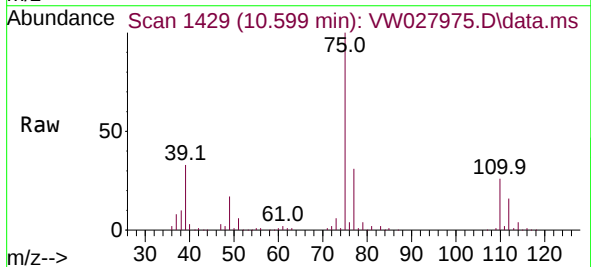
Instrument :
MSVOA_W
ClientSampleId :

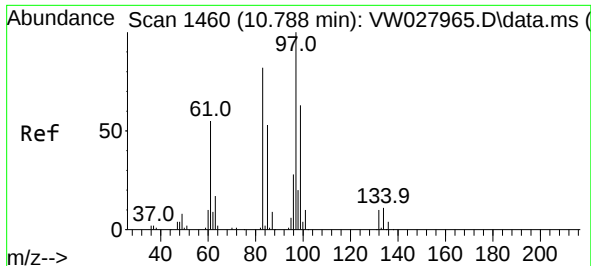
Tgt Ion: 91 Resp: 377741
Ion Ratio Lower Upper
91 100
92 54.9 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 25.368 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion: 75 Resp: 110076
Ion Ratio Lower Upper
75 100
77 31.5 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 25.964 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 70095

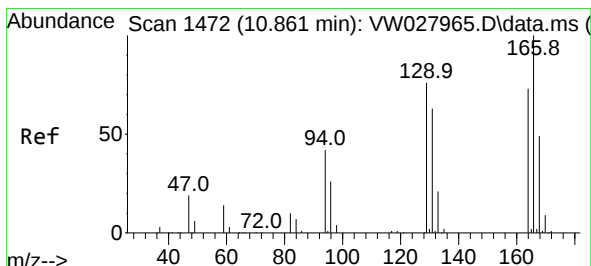
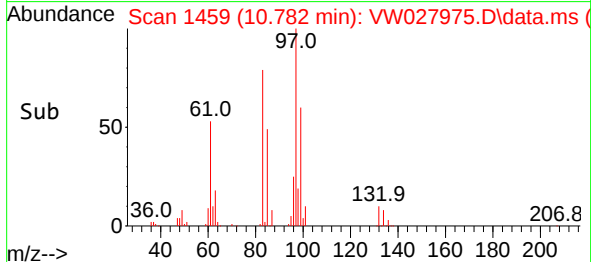
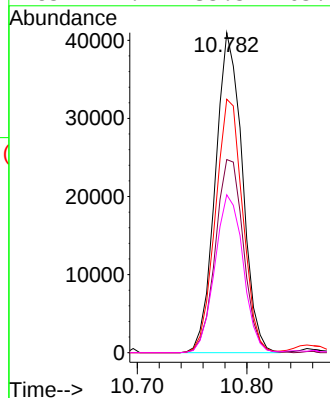
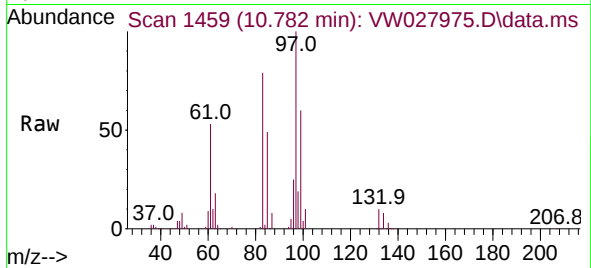
Ion Ratio Lower Upper

97 100

99 60.3 43.3 80.5

83 79.2 57.2 106.2

85 49.4 35.5 65.9



#46

Tetrachloroethene

Concen: 21.953 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Tgt Ion:164 Resp: 76971

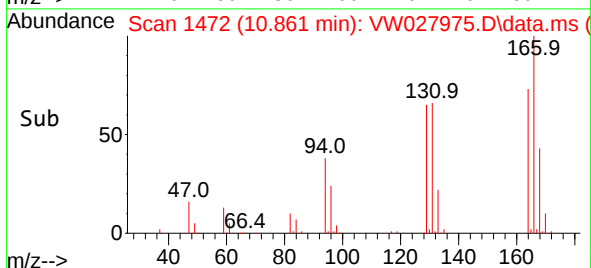
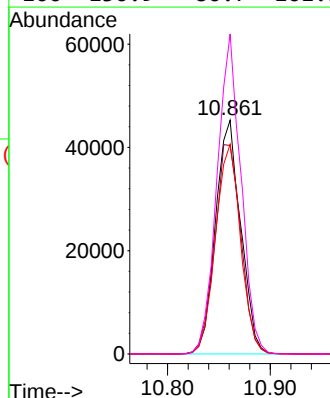
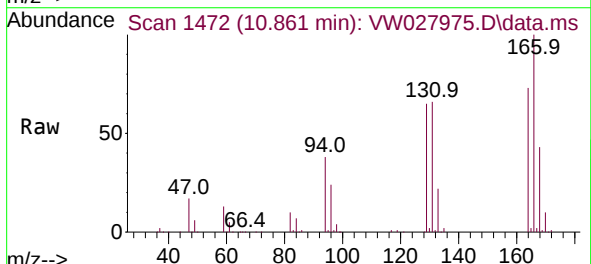
Ion Ratio Lower Upper

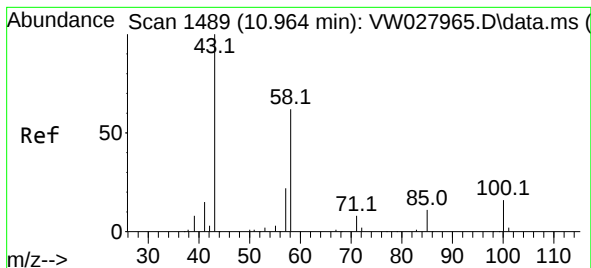
164 100

129 89.2 59.4 110.2

131 89.7 65.0 120.6

166 136.9 86.7 161.1

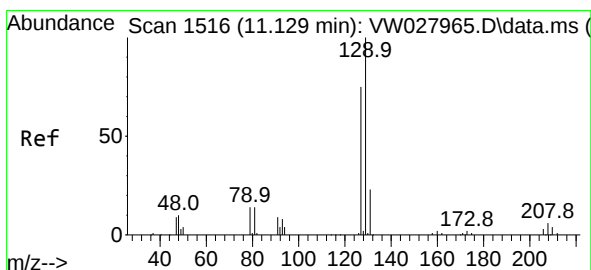
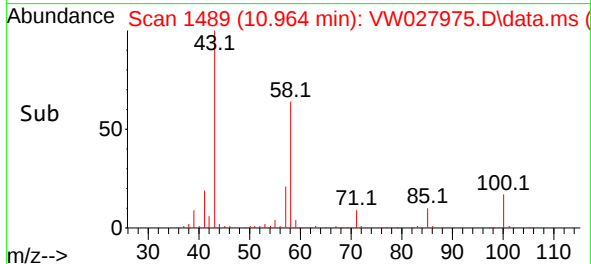
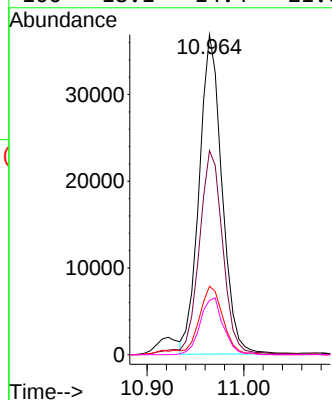
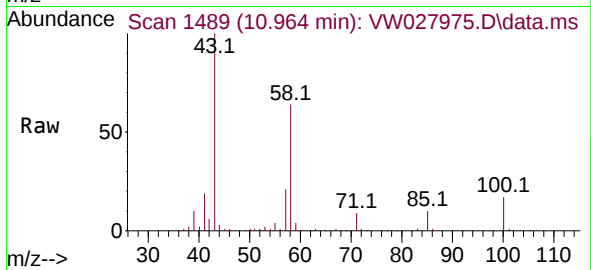




#48
2-Hexanone
Concen: 61.866 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

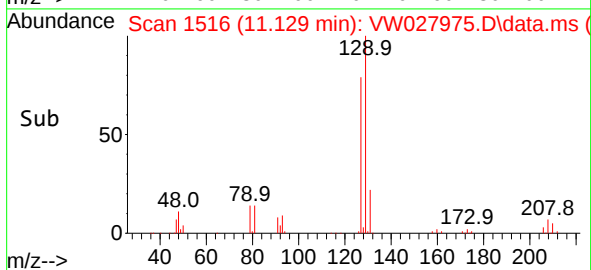
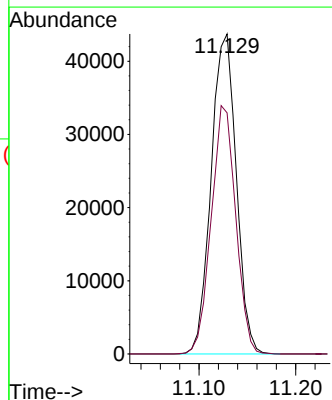
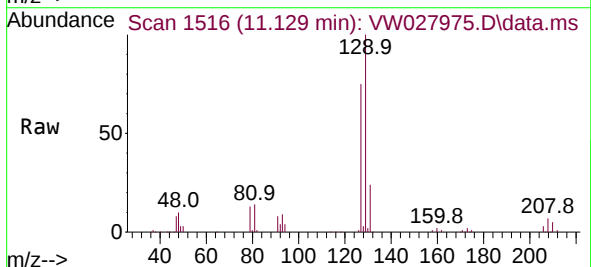
Instrument :
MSVOA_W
ClientSampleId :

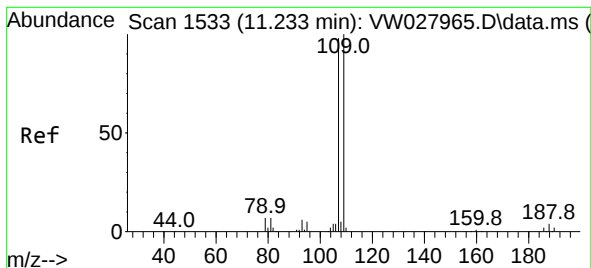
Tgt Ion: 43	Resp: 60325
Ion Ratio	Lower Upper
43 100	
58 65.4	51.4 77.2
57 22.3	17.4 26.2
100 18.1	14.4 21.6



#49
Dibromochloromethane
Concen: 25.645 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

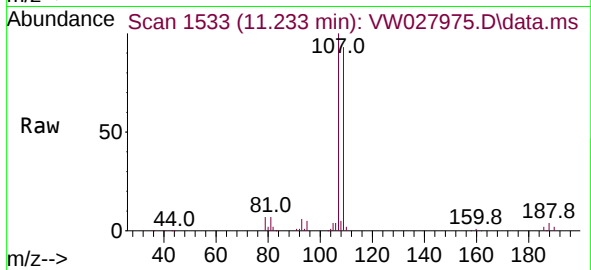
Tgt Ion:129	Resp: 78933		
Ion Ratio	Lower	Upper	
129 100			
127 75.4	49.6	92.0	



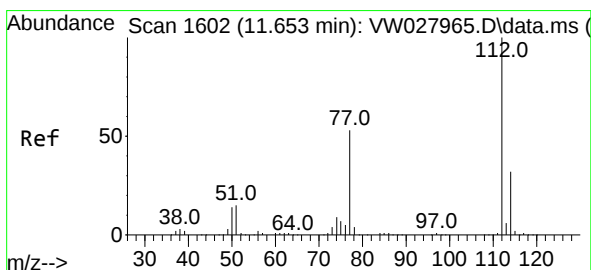
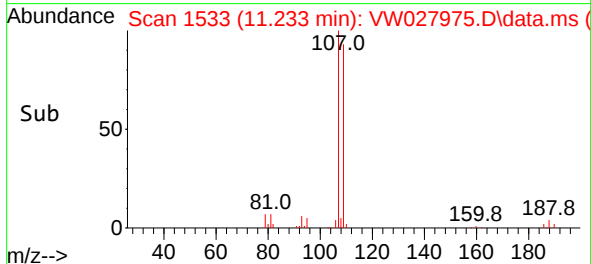
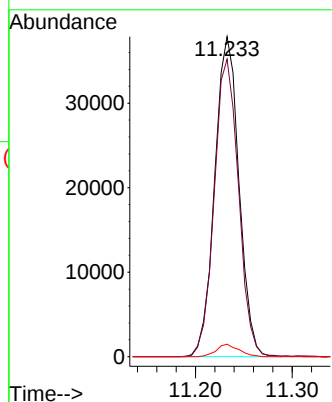


#50
1,2-Dibromoethane
Concen: 26.160 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Instrument :
MSVOA_W
ClientSampleId :

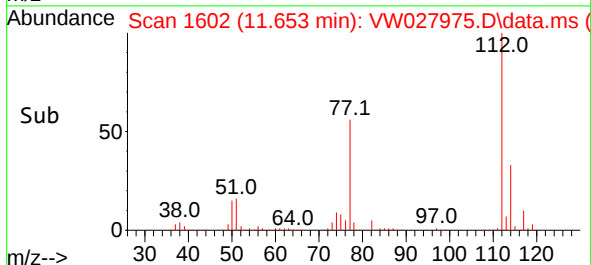
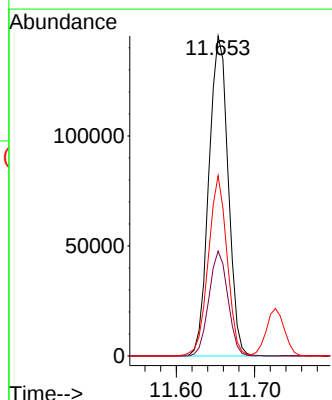
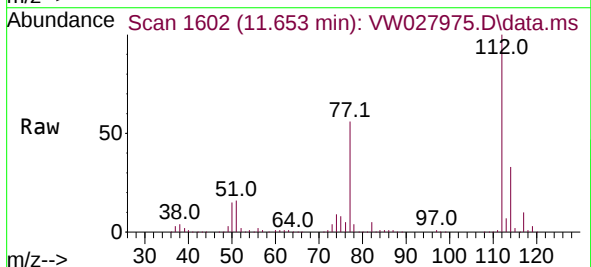


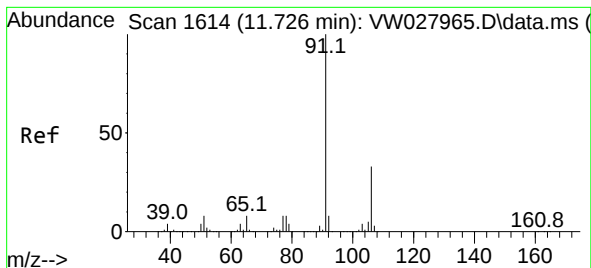
Tgt Ion:107 Resp: 65923
Ion Ratio Lower Upper
107 100
109 93.0 71.2 132.2
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 22.969 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion:112 Resp: 248619
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.3
77 56.4 42.6 64.0

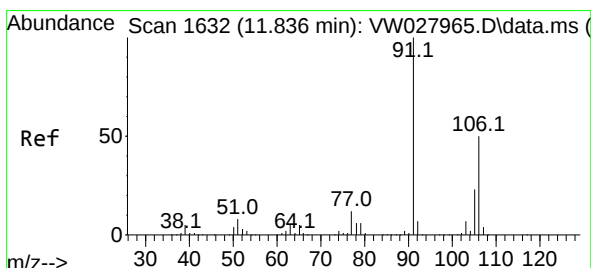
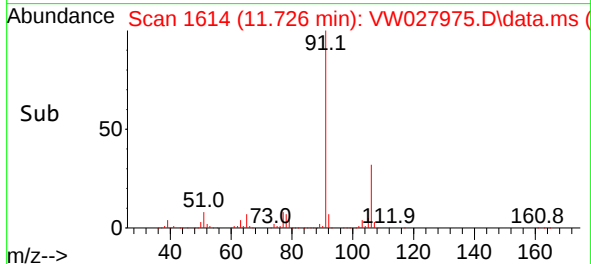
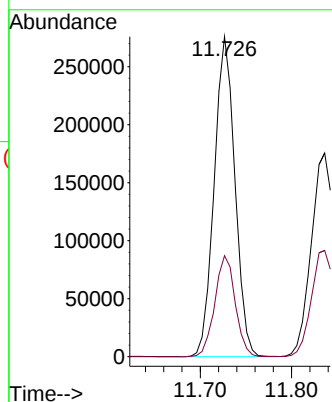
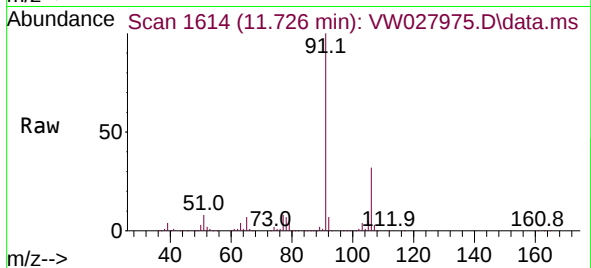




#52
Ethylbenzene
Concen: 23.680 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

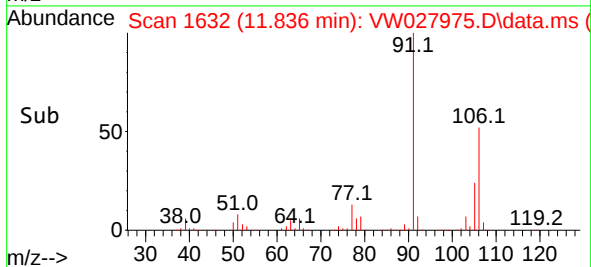
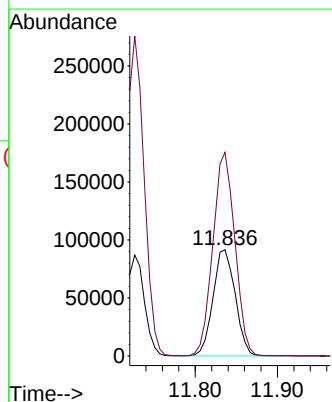
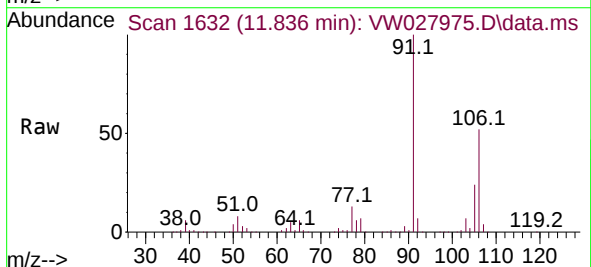
Instrument :
MSVOA_W
ClientSampleId :

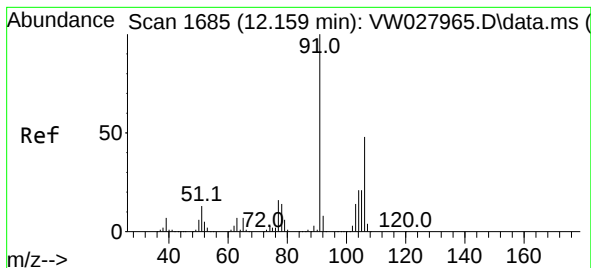
Tgt Ion: 91 Resp: 434497
Ion Ratio Lower Upper
91 100
106 31.6 22.8 42.4



#53
m,p-Xylene
Concen: 23.873 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion:106 Resp: 171788
Ion Ratio Lower Upper
106 100
91 191.6 130.0 241.4





#54

o-Xylene

Concen: 23.731 ug/L

RT: 12.159 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

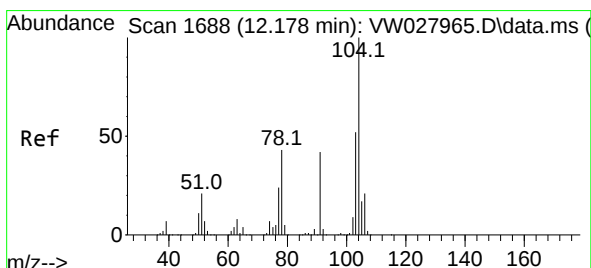
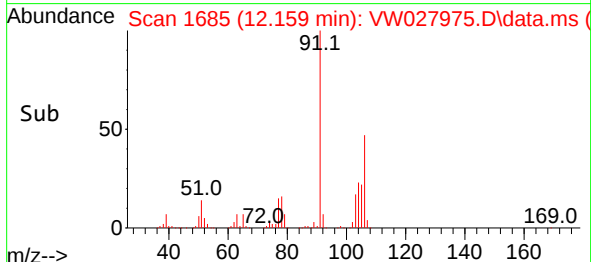
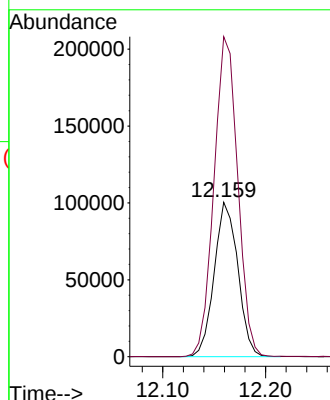
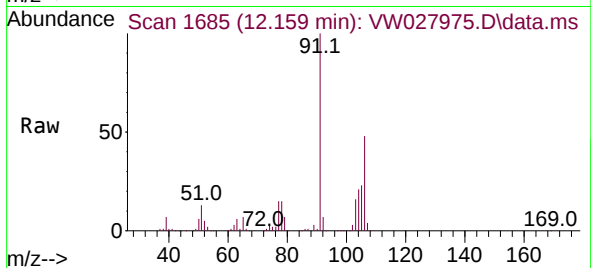
ClientSampleId :

Tgt Ion:106 Resp: 160159

Ion Ratio Lower Upper

106 100

91 207.2 146.4 272.0



#55

Styrene

Concen: 24.639 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027975.D

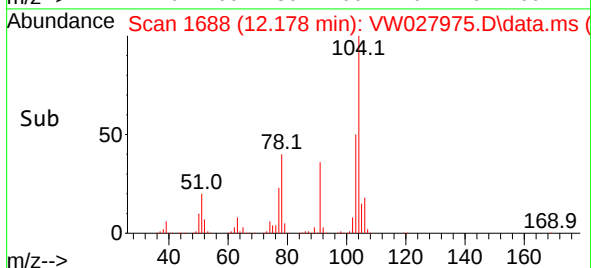
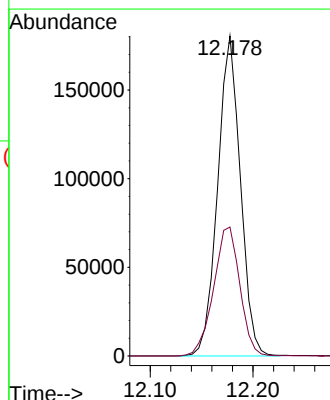
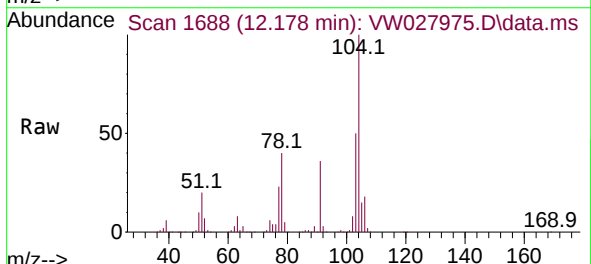
Acq: 06 Feb 2024 16:51

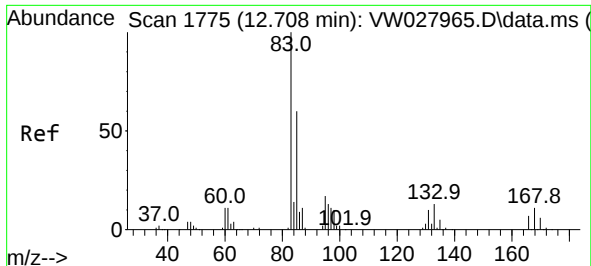
Tgt Ion:104 Resp: 276971

Ion Ratio Lower Upper

104 100

78 40.3 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.328 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027975.D

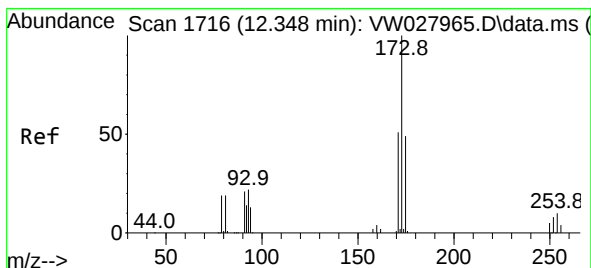
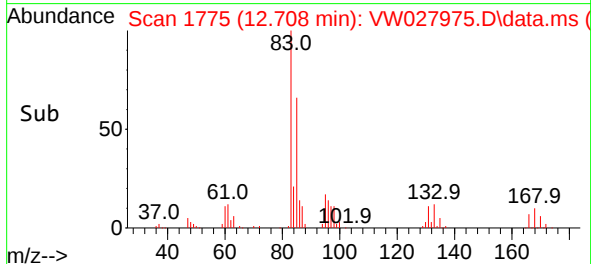
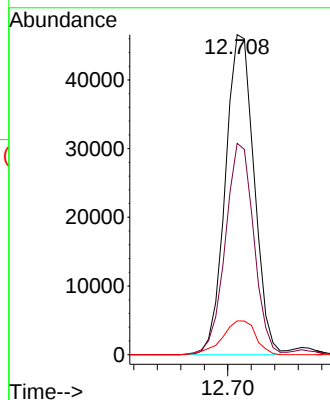
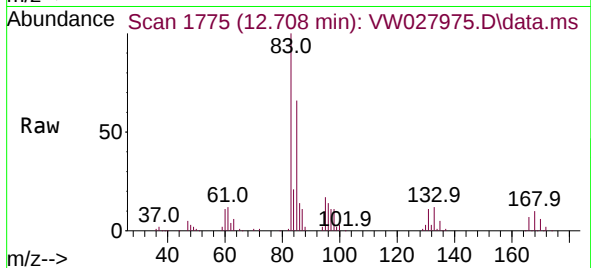
Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	79005
Ion Ratio	Lower	Upper	
83	100		
85	66.0	42.9	79.7
131	10.6	8.7	13.1



#59

Bromoform

Concen: 27.089 ug/L

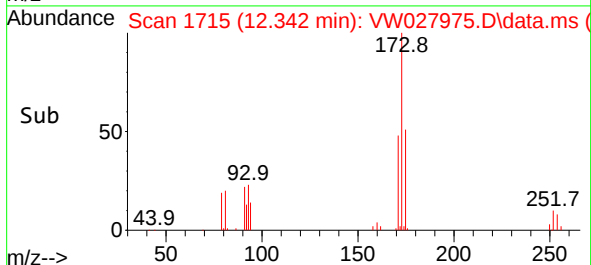
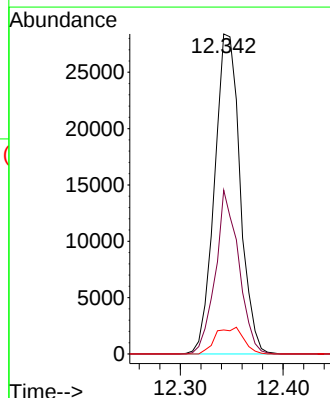
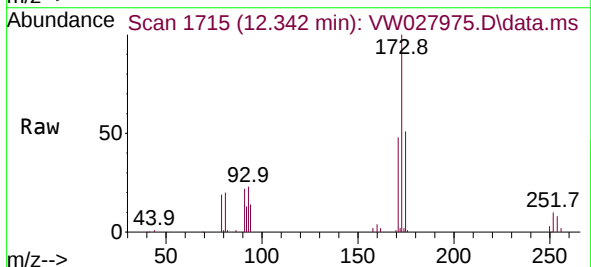
RT: 12.342 min Scan# 1715

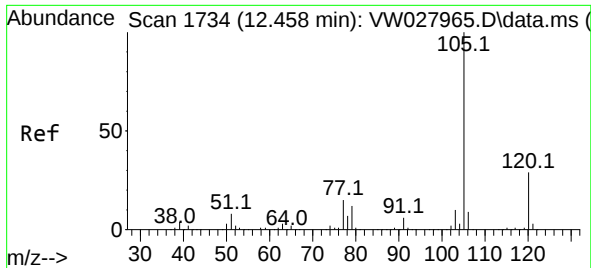
Delta R.T. -0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Tgt Ion:	173	Resp:	48902
Ion Ratio	Lower	Upper	
173	100		
175	46.7	37.8	56.8
254	5.5	8.4	12.6#

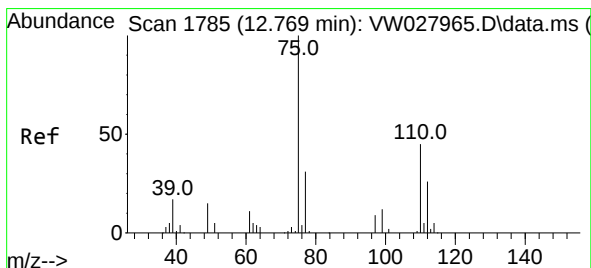
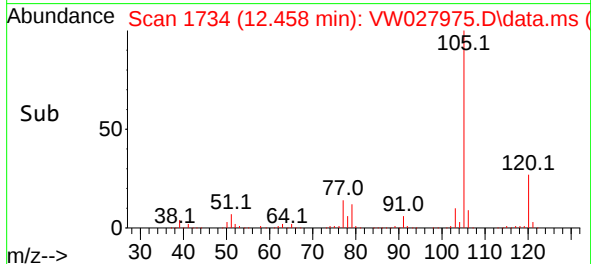
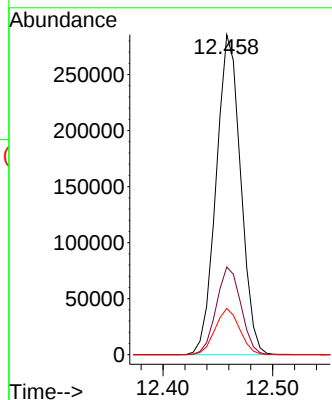
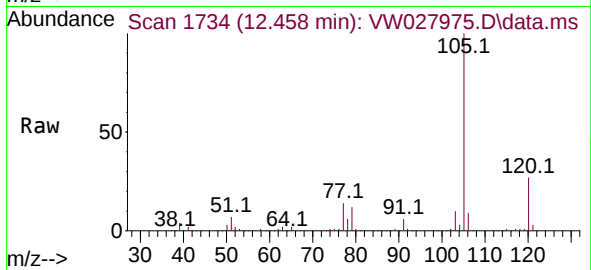




#60
Isopropylbenzene
Concen: 23.268 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

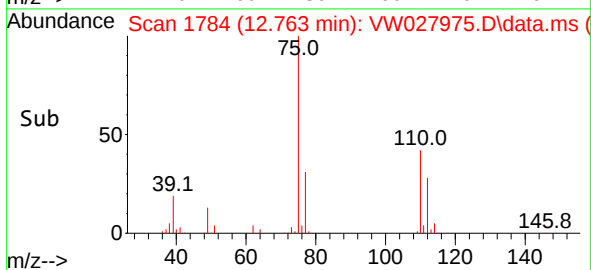
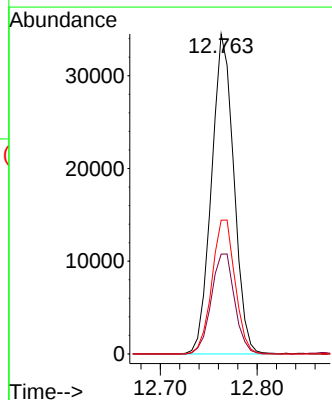
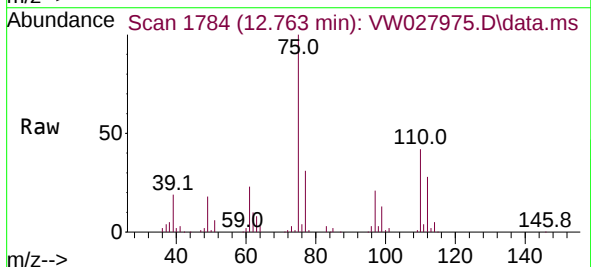
Instrument :
MSVOA_W
ClientSampleId :

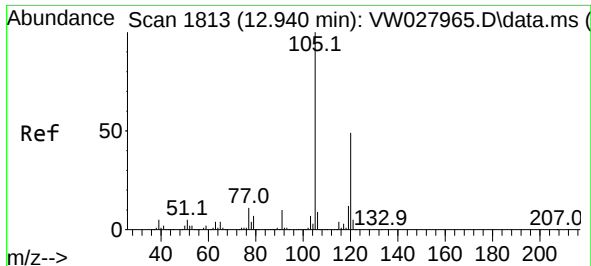
Tgt Ion:105 Resp: 444337
Ion Ratio Lower Upper
105 100
120 27.5 22.2 33.2
77 14.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 27.132 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

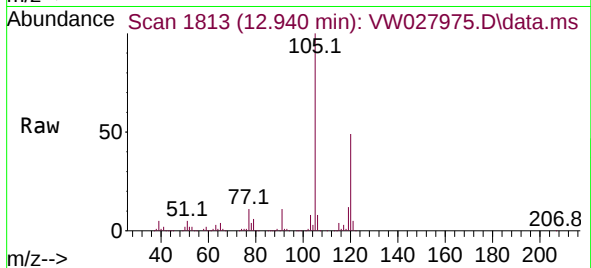
Tgt Ion: 75 Resp: 55382
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7
110 43.3 35.8 53.8



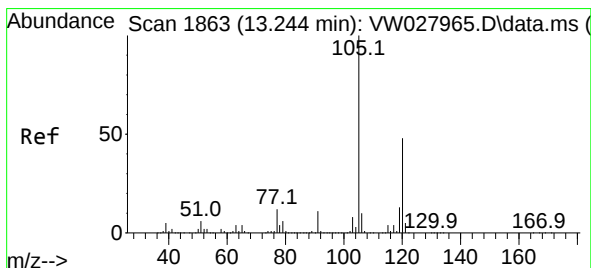
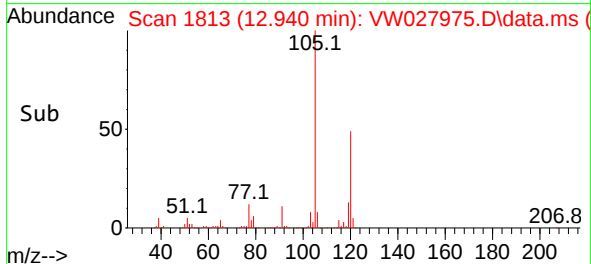
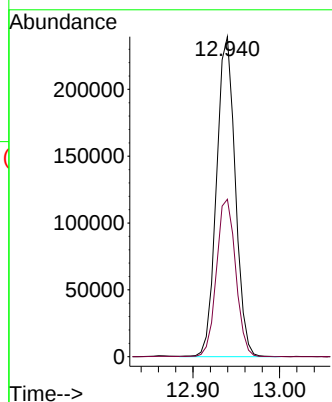


#62
1,3,5-Trimethylbenzene
Concen: 23.568 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Instrument :
MSVOA_W
ClientSampleId :

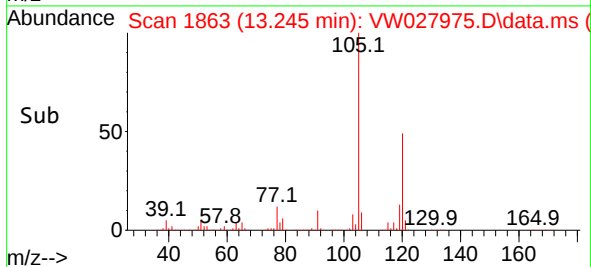
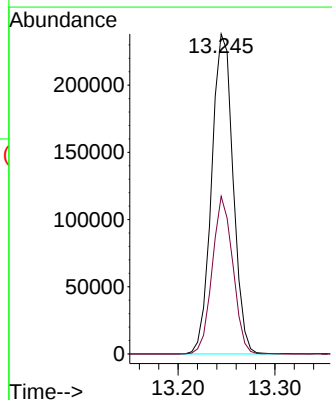
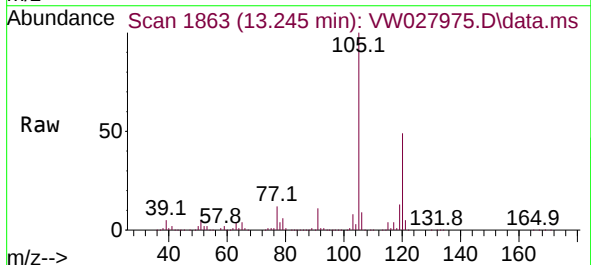


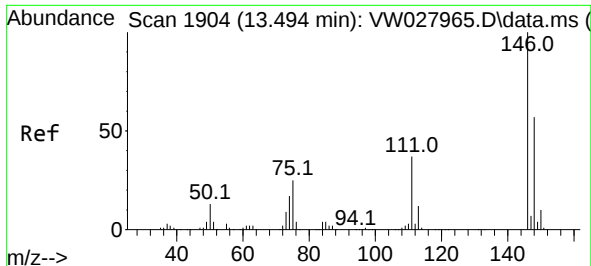
Tgt Ion:105 Resp: 360166
Ion Ratio Lower Upper
105 100
120 50.4 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 24.567 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion:105 Resp: 367373
Ion Ratio Lower Upper
105 100
120 47.2 36.4 54.6

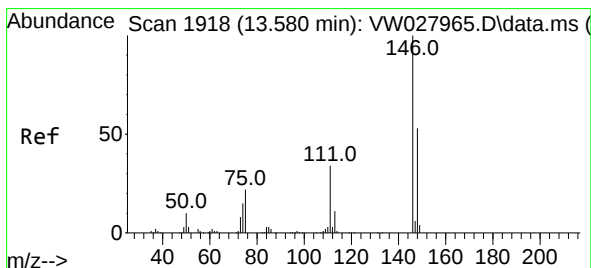
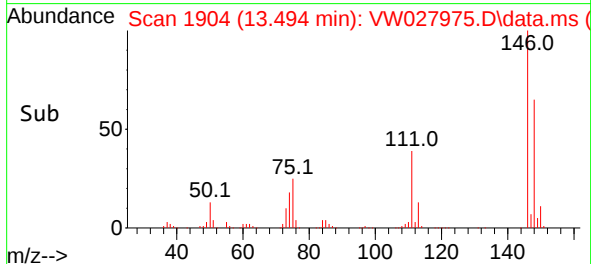
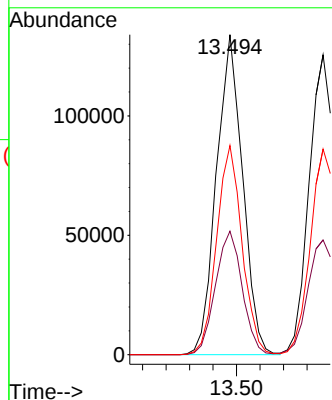
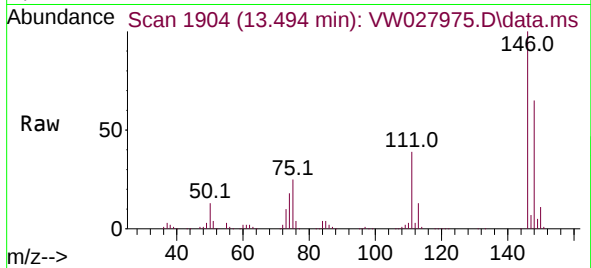




#64
1,3-Dichlorobenzene
Concen: 23.678 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

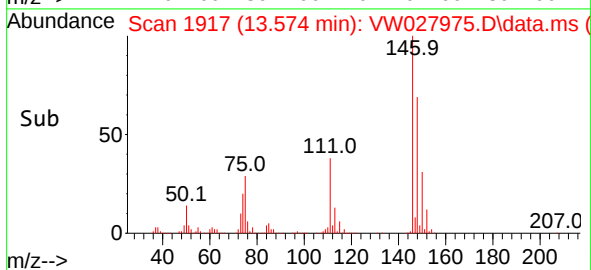
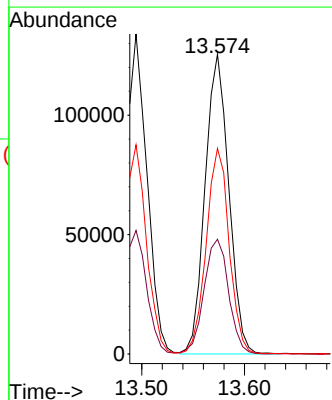
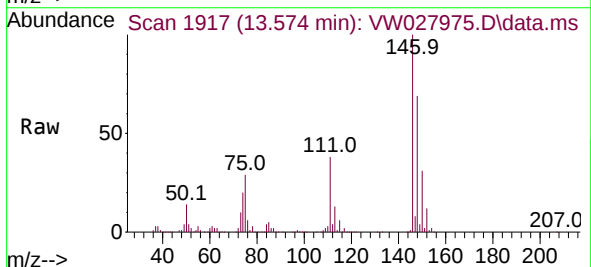
Instrument :
MSVOA_W
ClientSampleId :

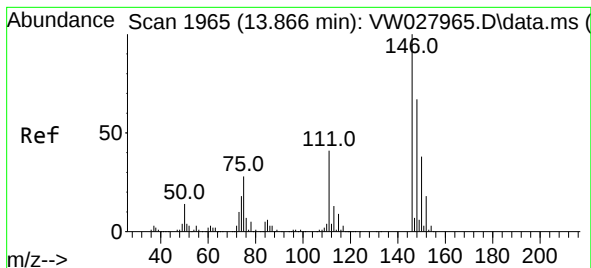
Tgt Ion:146 Resp: 207715
Ion Ratio Lower Upper
146 100
111 38.6 26.9 49.9
148 65.3 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 22.593 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion:146 Resp: 201516
Ion Ratio Lower Upper
146 100
111 38.3 24.1 44.8
148 68.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 24.972 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

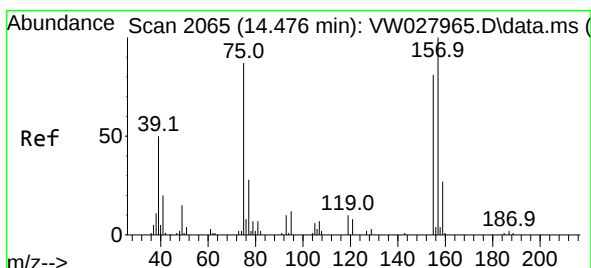
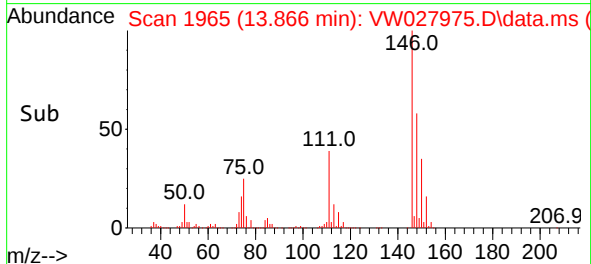
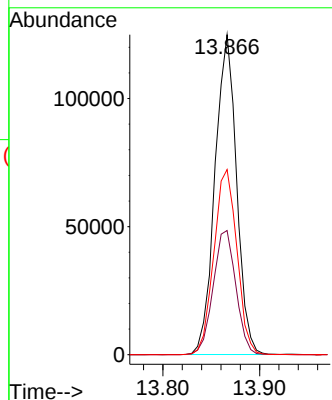
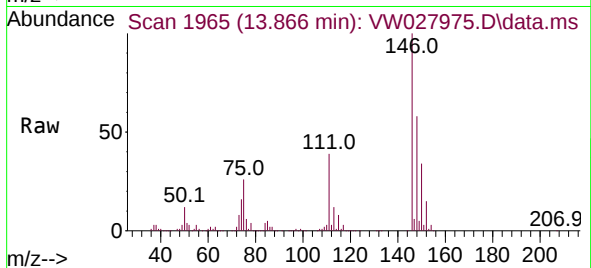
Tgt Ion:146 Resp: 193494

Ion Ratio Lower Upper

146 100

111 38.8 30.6 46.0

148 57.8 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 28.402 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

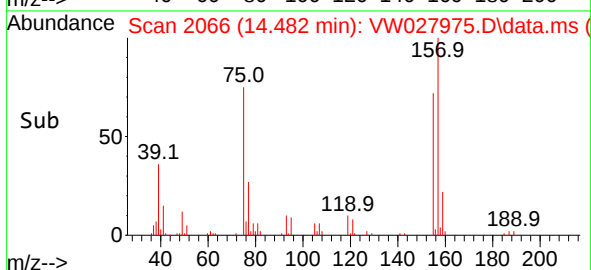
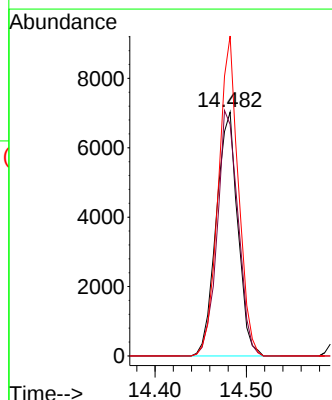
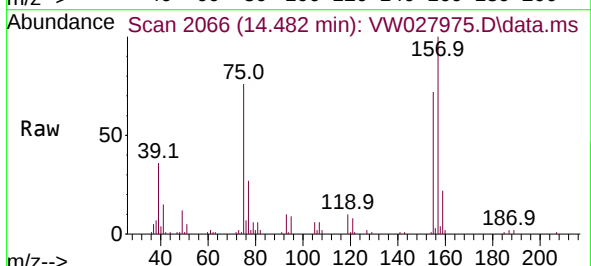
Tgt Ion: 75 Resp: 11510

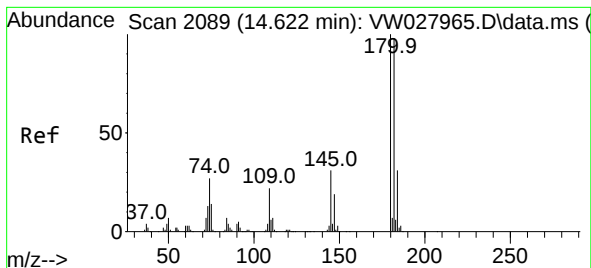
Ion Ratio Lower Upper

75 100

155 95.0 68.7 103.1

157 131.3 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 22.121 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 139347

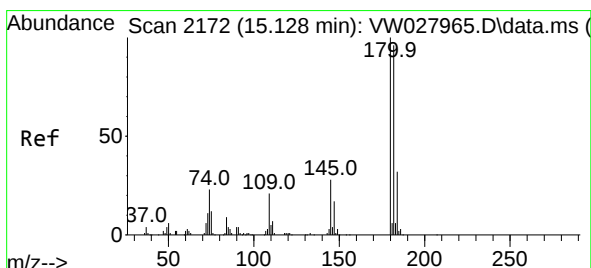
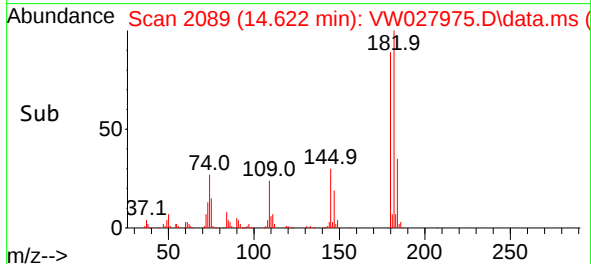
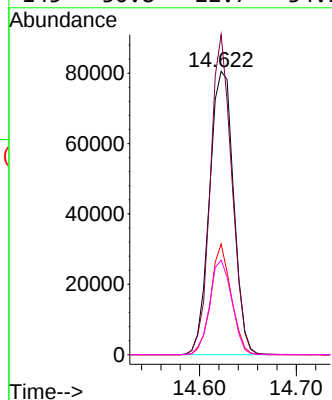
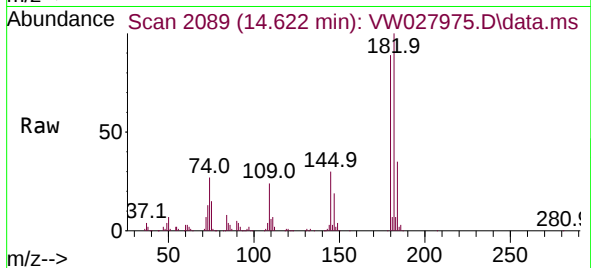
Ion Ratio Lower Upper

180 100

182 100.5 72.1 108.1

184 33.0 24.4 36.6

145 30.8 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.189 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027975.D

Acq: 06 Feb 2024 16:51

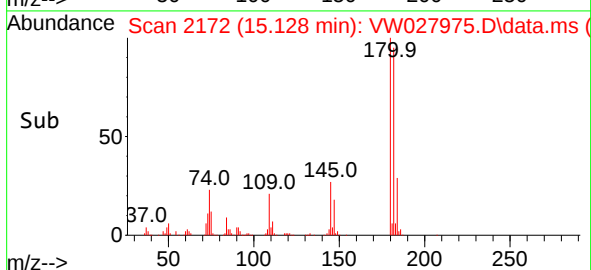
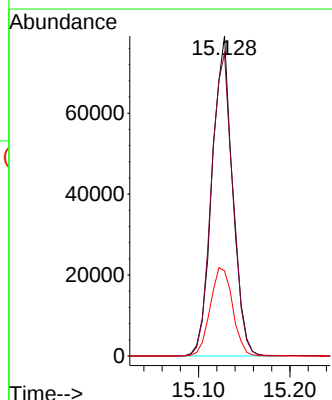
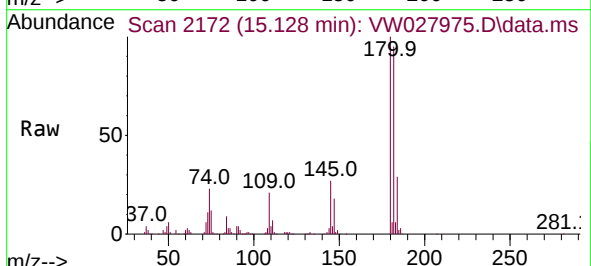
Tgt Ion:180 Resp: 123047

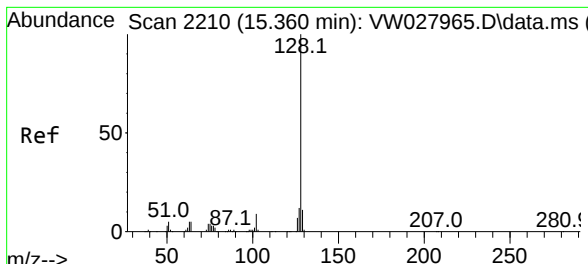
Ion Ratio Lower Upper

180 100

182 99.1 77.0 115.6

145 30.2 23.4 35.0

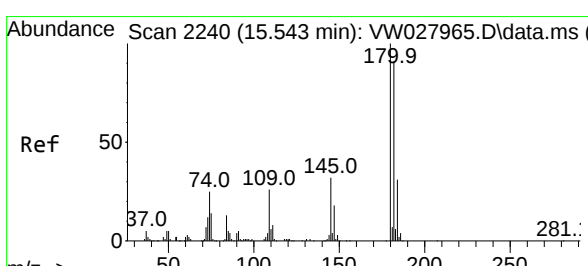
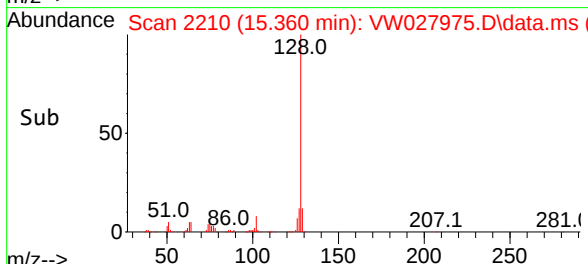
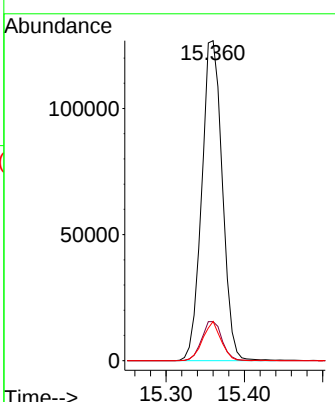
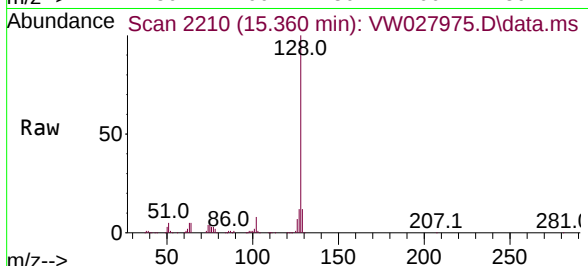




#71
Naphthalene
Concen: 29.247 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	231191
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.4
129	10.9	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 24.035 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027975.D
Acq: 06 Feb 2024 16:51

Tgt Ion:	180	Resp:	102009
Ion Ratio	Lower	Upper	
180	100		
182	102.2	76.5	114.7
145	32.7	25.8	38.8

