

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022324\
 Data File : VW028052.D
 Acq On : 23 Feb 2024 13:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 23 22:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 21 23:34:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233810	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	124793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50308	17.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.080%
7) Chloroethane-d5	2.899	69	49310	22.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.021	65	23754	19.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.240%
21) 2-Butanone-d5	7.075	46	30841	68.147	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.300%#
24) Chloroform-d	7.648	84	142645	24.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.120%
26) 1,2-Dichloroethane-d4	8.307	65	70004	26.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.640%
32) Benzene-d6	8.270	84	272267	21.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	9.270	67	77692	22.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	10.319	98	263240	21.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.960%
43) trans-1,3-Dichloroprop...	10.575	79	33437	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	10.922	63	29480	63.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74428	29.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	103171	24.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	43967	20.530	ug/L	90
3) Chloromethane	2.223	50	45400	19.304	ug/L	99
5) Vinyl chloride	2.375	62	64807	20.330	ug/L	96
6) Bromomethane	2.790	94	50867	22.584	ug/L	94
8) Chloroethane	2.930	64	41778	23.196	ug/L	95
9) Trichlorofluoromethane	3.265	101	60152	20.763	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68082	23.315	ug/L	96
12) 1,1-Dichloroethene	4.051	96	61387	22.598	ug/L	89
13) Acetone	4.119	43	24963	56.725	ug/L	96
14) Carbon disulfide	4.393	76	151939	18.893	ug/L	98
15) Methyl Acetate	4.673	43	21804	29.762	ug/L	96
16) Methylene chloride	4.917	84	69005	22.200	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	66903	22.923	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	92944	26.863	ug/L	100
19) 1,1-Dichloroethane	6.216	63	119528	25.210	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	77941	25.290	ug/L	99
22) 2-Butanone	7.167	43	32377	63.735	ug/L	97
23) Bromochloromethane	7.508	128	36321	26.531	ug/L	87
25) Chloroform	7.673	83	134106	26.311	ug/L	97

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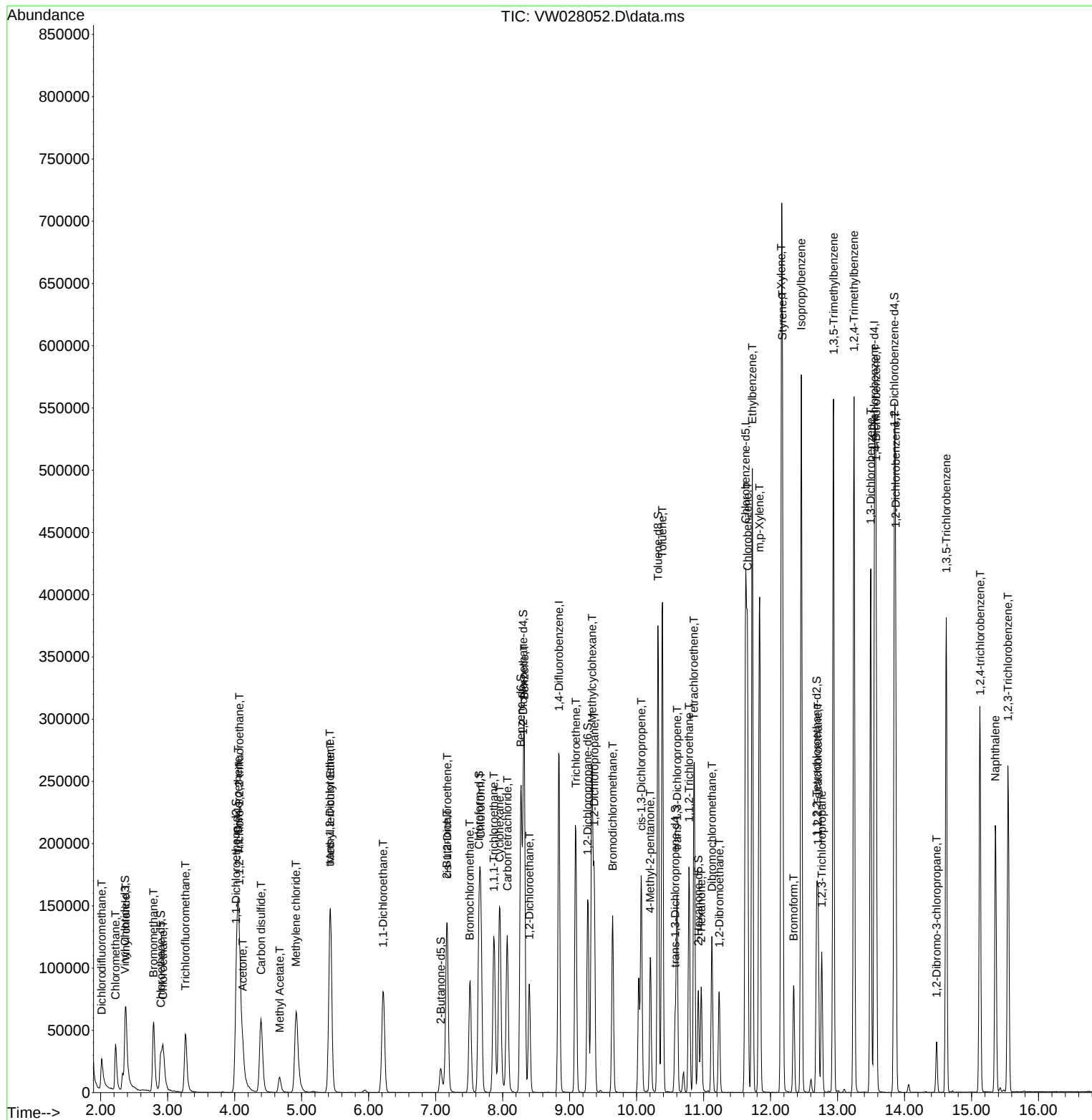
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	81044	28.553	ug/L	95
29) Cyclohexane	7.953	56	88044	21.127	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	109898	24.349	ug/L	99
31) Carbon tetrachloride	8.069	117	102027	24.434	ug/L	99
33) Benzene	8.325	78	276160	23.648	ug/L	100
34) Trichloroethene	9.093	95	77123	23.005	ug/L	95
35) Methylcyclohexane	9.337	83	120257	21.799	ug/L	98
37) 1,2-Dichloropropane	9.368	63	67347	24.542	ug/L	100
38) Bromodichloromethane	9.642	83	97840	26.711	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	109763	24.955	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	65070	62.824	ug/L	99
42) Toluene	10.386	91	313812	23.967	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	93027	26.647	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	59628	27.452	ug/L	99
46) Tetrachloroethene	10.855	164	65610	23.259	ug/L	95
48) 2-Hexanone	10.965	43	47700	60.802	ug/L	99
49) Dibromochloromethane	11.123	129	67591	27.295	ug/L	89
50) 1,2-Dibromoethane	11.233	107	55499	27.374	ug/L	94
51) Chlorobenzene	11.654	112	207487	23.826	ug/L	96
52) Ethylbenzene	11.727	91	355230	24.063	ug/L	99
53) m,p-Xylene	11.837	106	137057	23.673	ug/L	95
54) o-Xylene	12.160	106	132825	24.462	ug/L	97
55) Styrene	12.178	104	233386	25.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	68495	29.448	ug/L	97
59) Bromoform	12.343	173	40835	27.724	ug/L	96
60) Isopropylbenzene	12.459	105	381096	24.458	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	47812	28.708	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	308097	24.709	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	311463	25.527	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	180705	25.246	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	177136	24.339	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	154889	24.499	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10119	30.603	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	122338	23.802	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	106362	25.626	ug/L	95
71) Naphthalene	15.354	128	194750	30.195	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	93374	26.964	ug/L	95

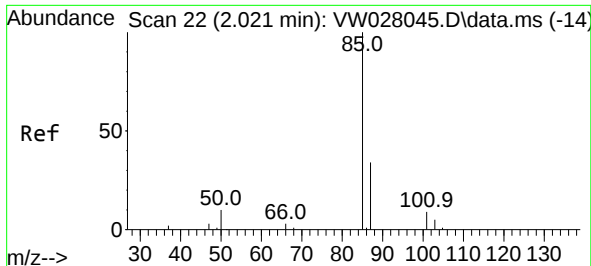
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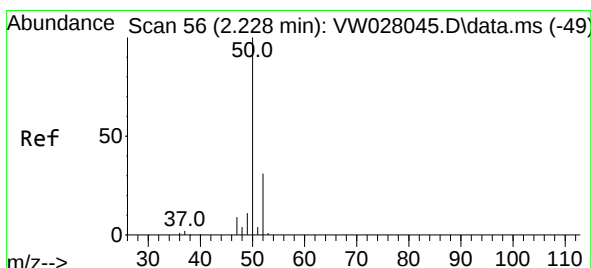
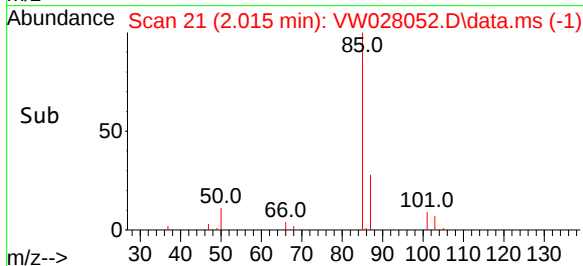
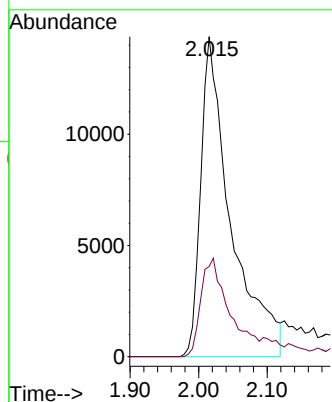
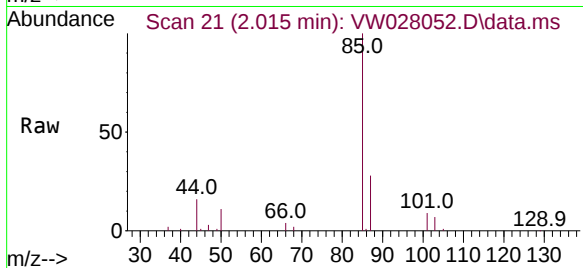




#2
Dichlorodifluoromethane
Concen: 20.530 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

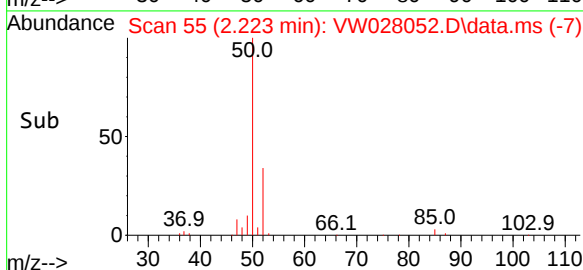
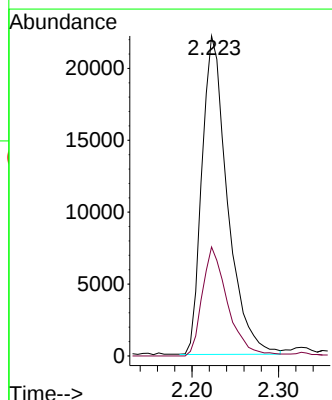
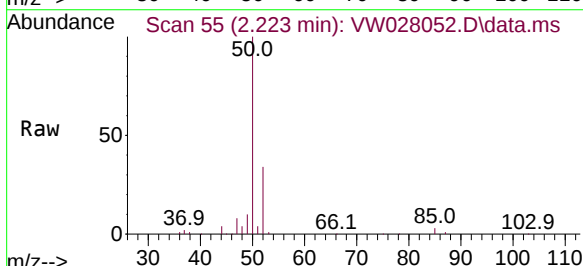
Instrument :
MSVOA_W
ClientSampleId :

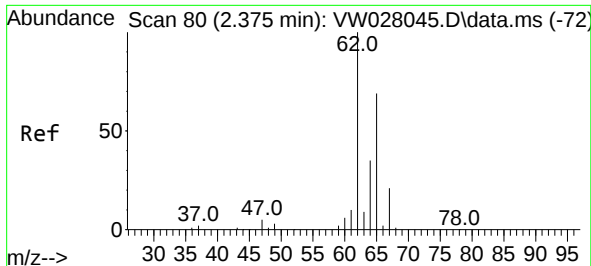
Tgt Ion: 85 Resp: 43967
Ion Ratio Lower Upper
85 100
87 26.3 25.3 37.9



#3
Chloromethane
Concen: 19.304 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion: 50 Resp: 45400
Ion Ratio Lower Upper
50 100
52 34.0 24.3 45.1

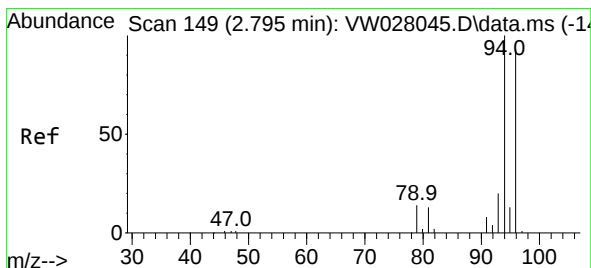
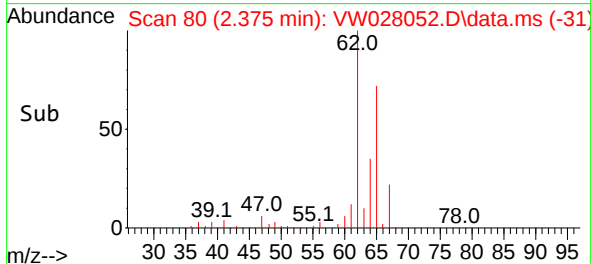
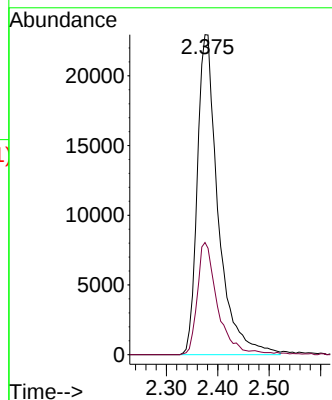
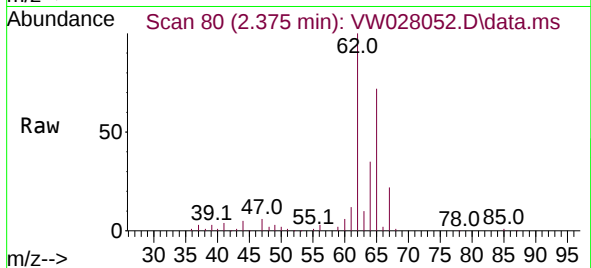




#5
 Vinyl chloride
 Concen: 20.330 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028052.D
 Acq: 23 Feb 2024 13:08

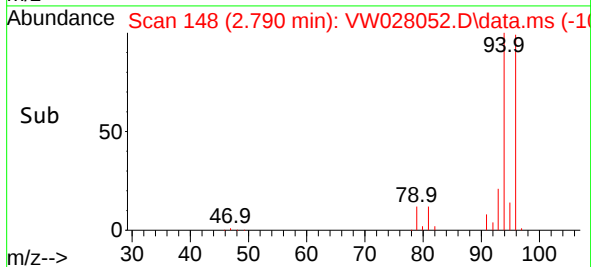
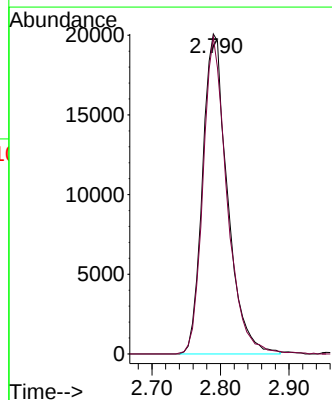
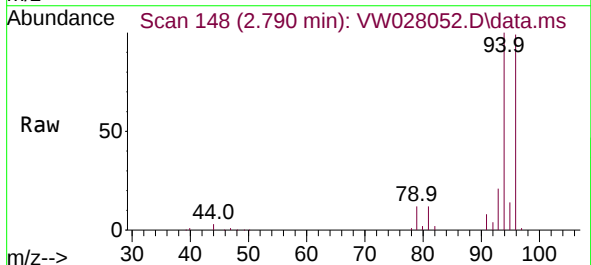
Instrument :
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 ClientSampleId :

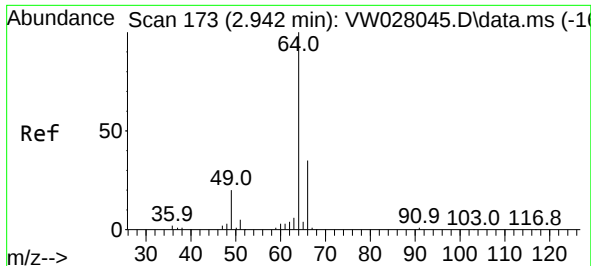
Tgt Ion: 62 Resp: 64807
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.0 42.6



#6
 Bromomethane
 Concen: 22.584 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028052.D
 Acq: 23 Feb 2024 13:08

Tgt Ion: 94 Resp: 50867
 Ion Ratio Lower Upper
 94 100
 96 99.0 65.3 121.3

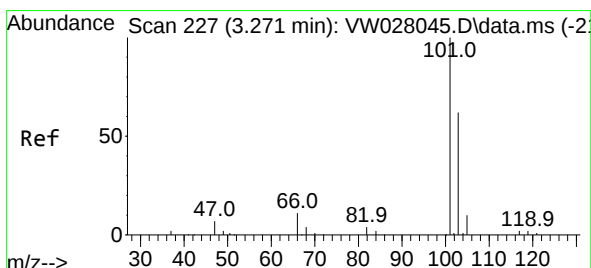
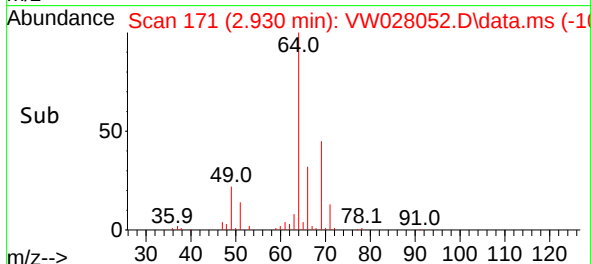
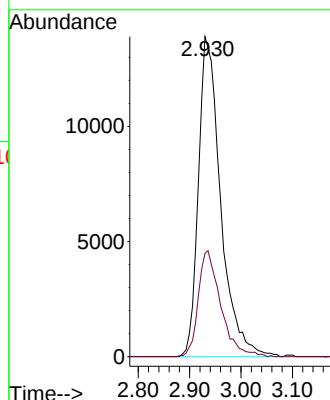
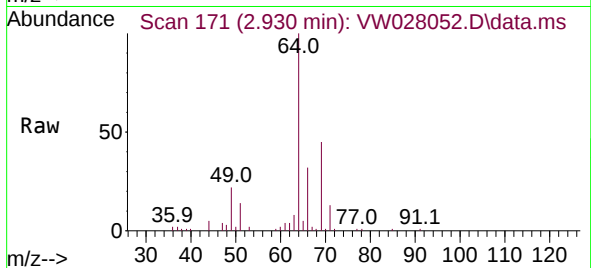




#8
Chloroethane
Concen: 23.196 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

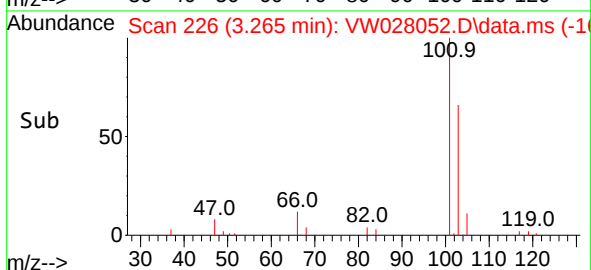
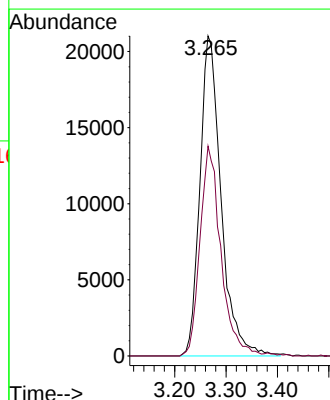
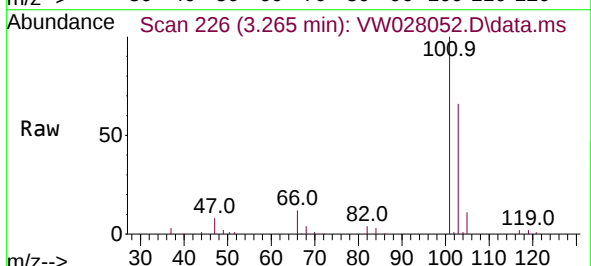
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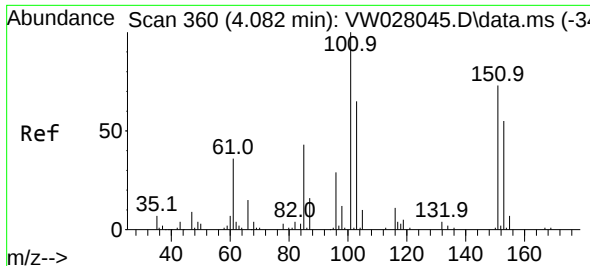
Tgt Ion: 64 Resp: 41778
Ion Ratio Lower Upper
64 100
66 32.3 20.9 38.7



#9
Trichlorofluoromethane
Concen: 20.763 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion:101 Resp: 60152
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

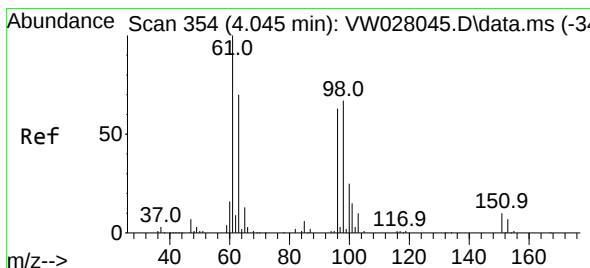
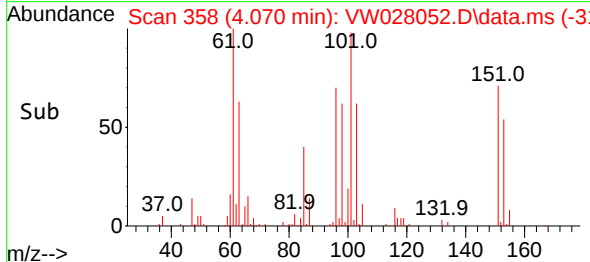
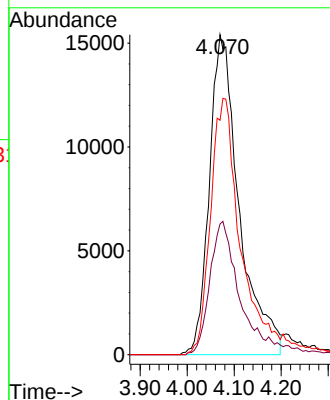
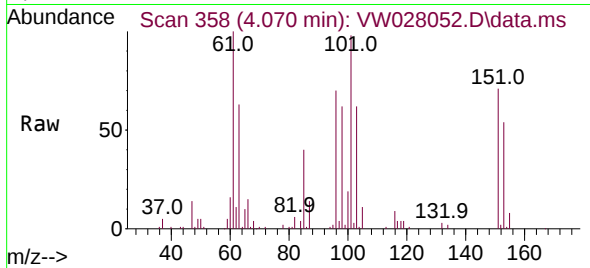




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.315 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW028052.D
 Acq: 23 Feb 2024 13:08

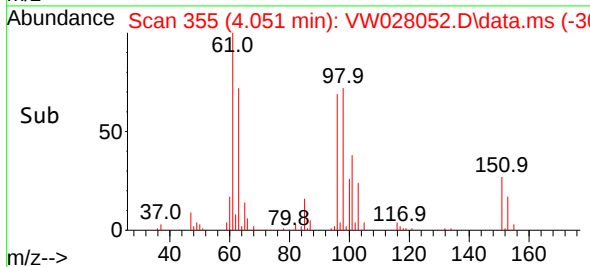
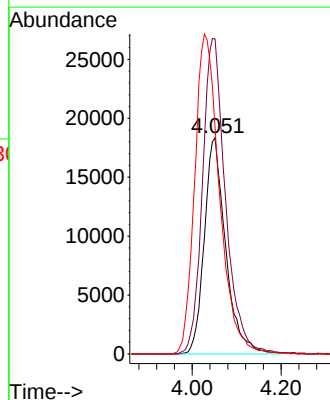
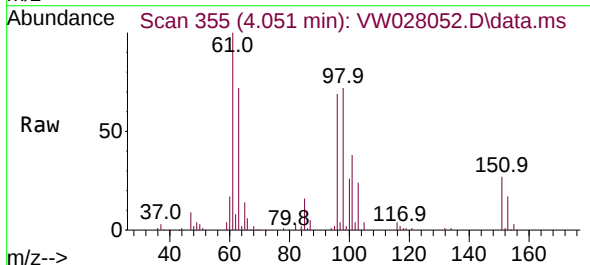
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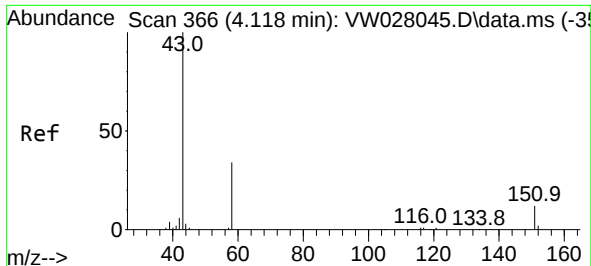
Tgt Ion:101 Resp: 68082
 Ion Ratio Lower Upper
 101 100
 85 37.6 33.8 50.6
 151 76.5 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 22.598 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028052.D
 Acq: 23 Feb 2024 13:08

Tgt Ion: 96 Resp: 61387
 Ion Ratio Lower Upper
 96 100
 61 145.7 107.4 199.4
 63 104.5 86.0 159.6





#13

Acetone

Concen: 56.725 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

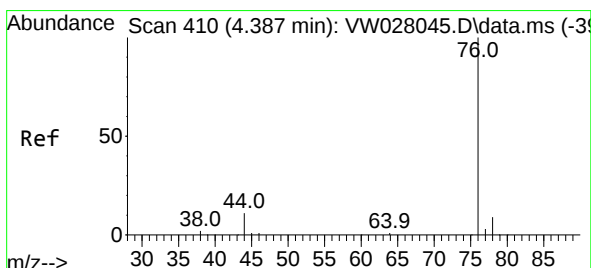
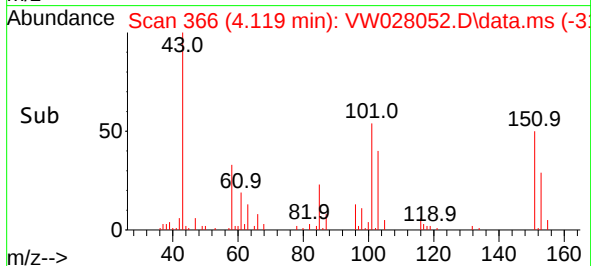
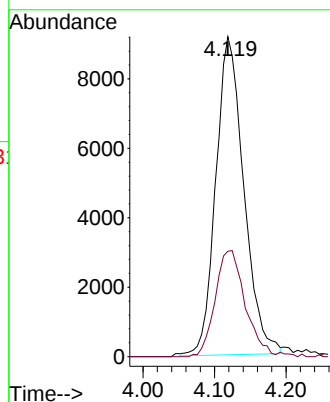
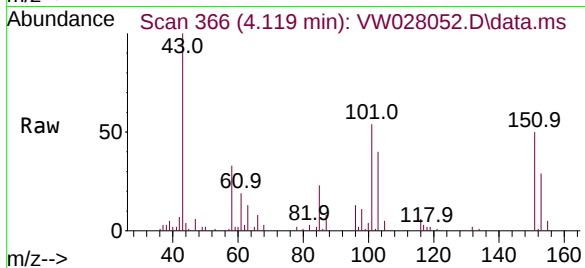
ClientSampleId :

Tgt Ion: 43 Resp: 24963

Ion Ratio Lower Upper

43 100

58 35.5 0.0 66.0



#14

Carbon disulfide

Concen: 18.893 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028052.D

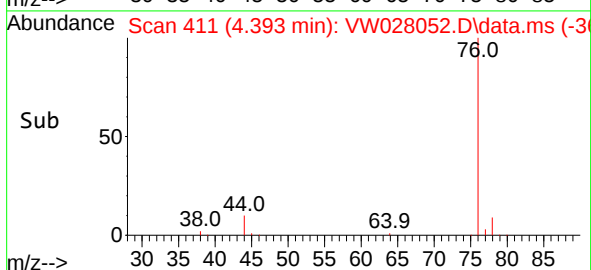
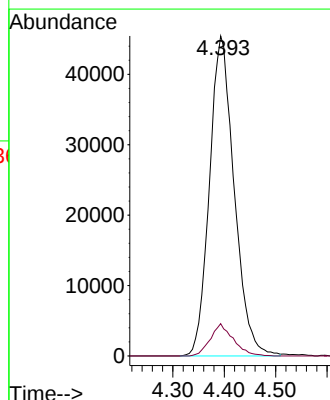
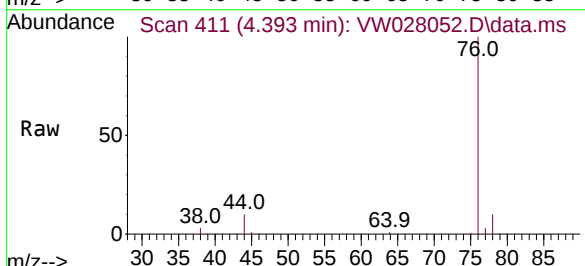
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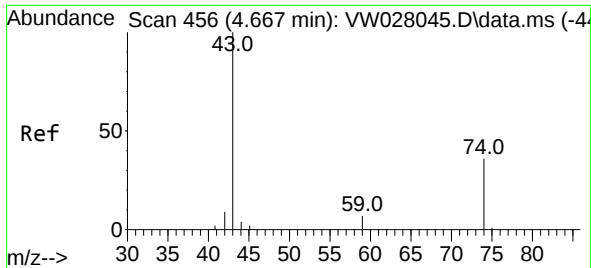
Tgt Ion: 76 Resp: 151939

Ion Ratio Lower Upper

76 100

78 10.1 7.5 11.3

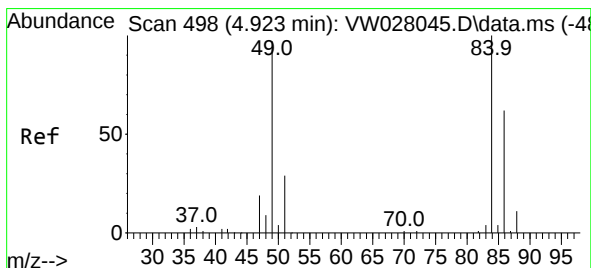
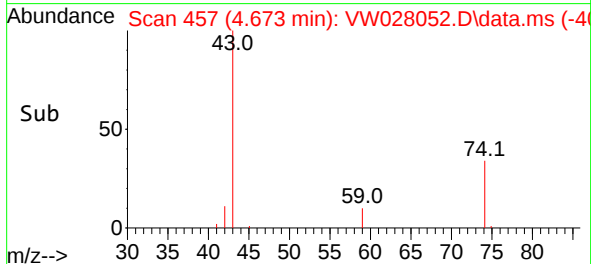
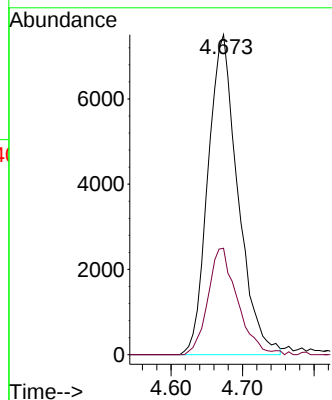
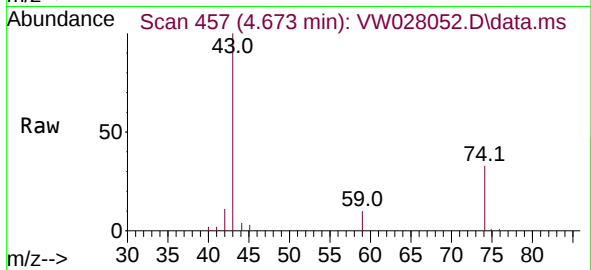




#15
Methyl Acetate
Concen: 29.762 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

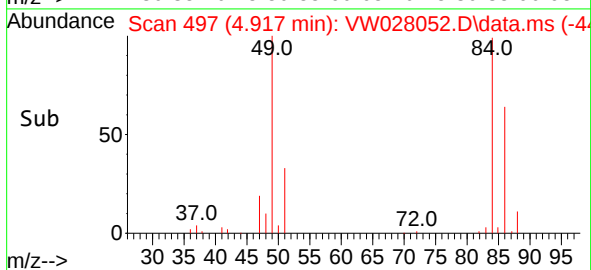
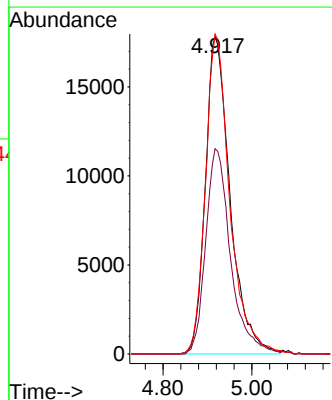
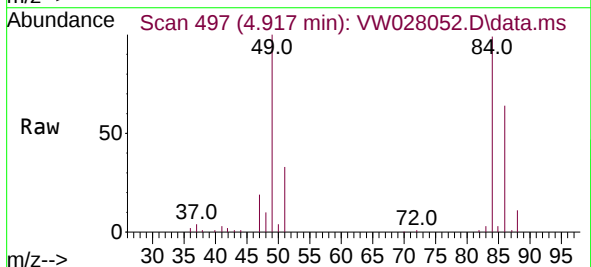
Instrument :
MSVOA_W
ClientSampleId :

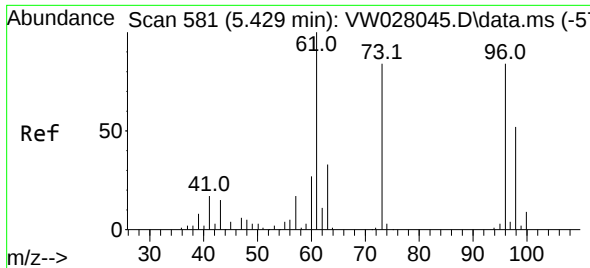
Tgt Ion: 43 Resp: 21804
Ion Ratio Lower Upper
43 100
74 32.5 24.2 36.2



#16
Methylene chloride
Concen: 22.200 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion: 84 Resp: 69005
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.4
49 100.9 66.3 123.1

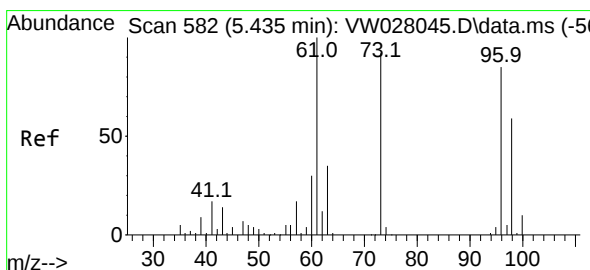
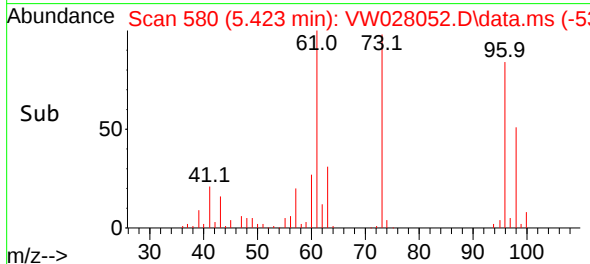
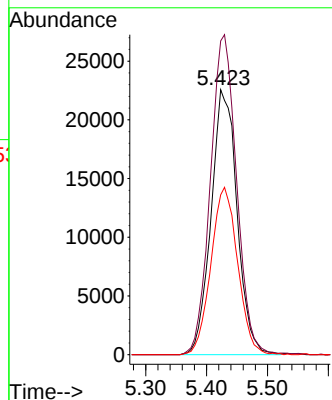
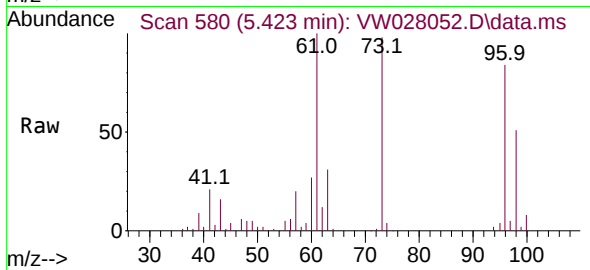




#17
trans-1,2-Dichloroethene
Concen: 22.923 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

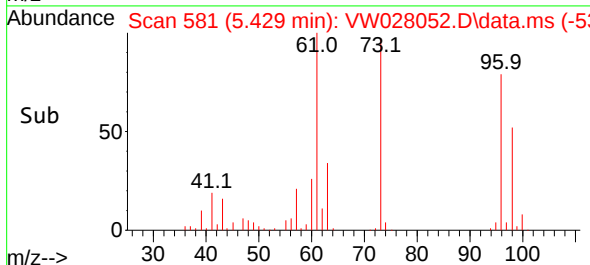
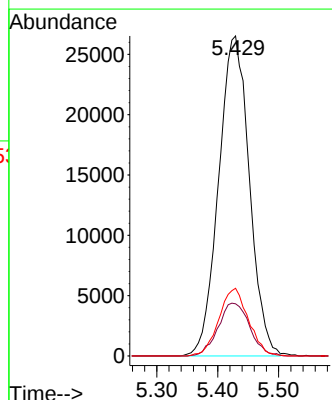
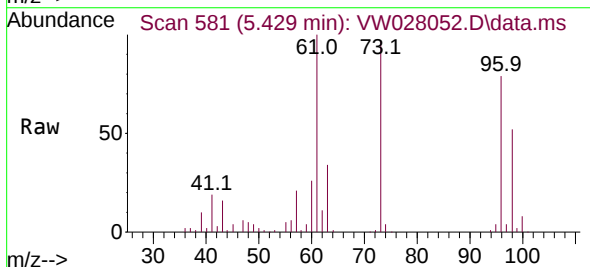
Instrument :
MSVOA_W
ClientSampleId :

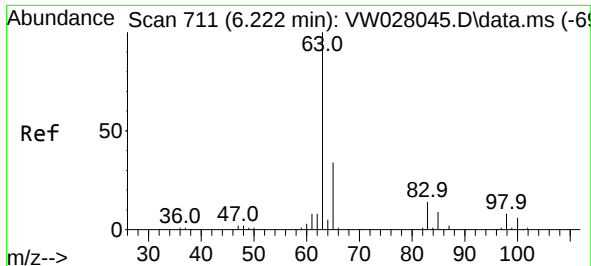
Tgt Ion: 96 Resp: 66903
Ion Ratio Lower Upper
96 100
61 118.4 80.1 148.7
98 60.4 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 26.863 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion: 73 Resp: 92944
Ion Ratio Lower Upper
73 100
43 16.9 13.4 20.0
57 20.3 16.3 24.5

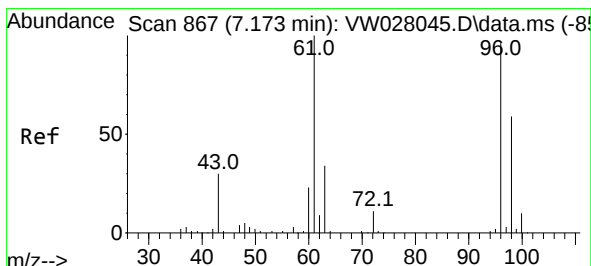
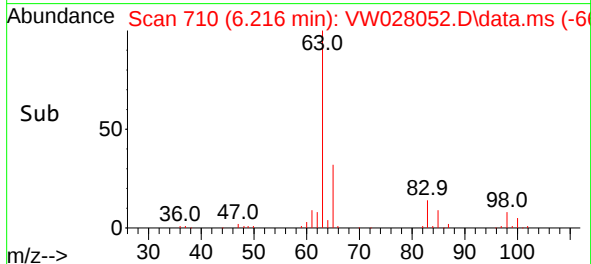
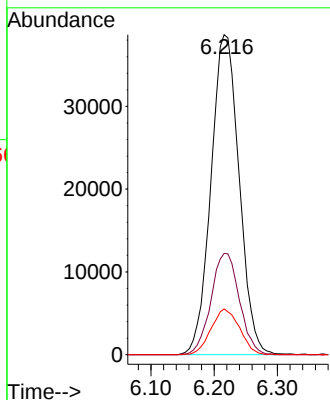
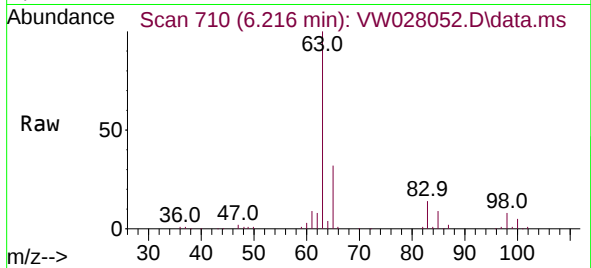




#19
1,1-Dichloroethane
Concen: 25.210 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

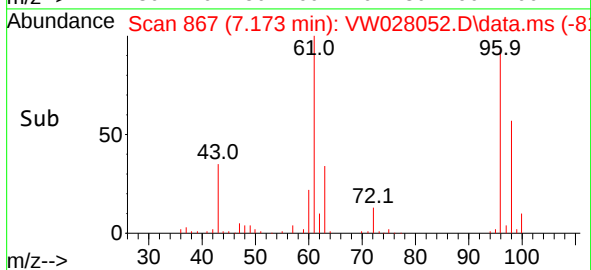
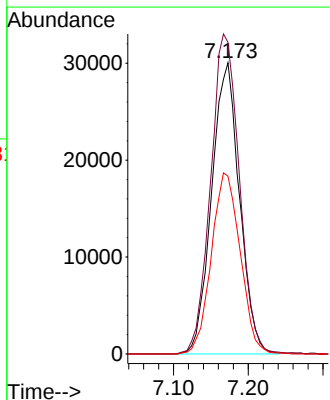
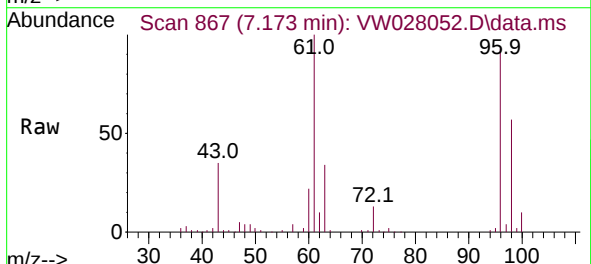
Instrument :
MSVOA_W
ClientSampleId :

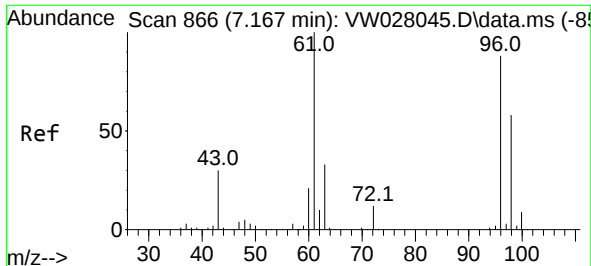
Tgt Ion: 63 Resp: 119528
Ion Ratio Lower Upper
63 100
65 31.7 23.1 42.9
83 14.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 25.290 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion: 96 Resp: 77941
Ion Ratio Lower Upper
96 100
61 107.1 76.3 141.7
98 61.1 42.9 79.7

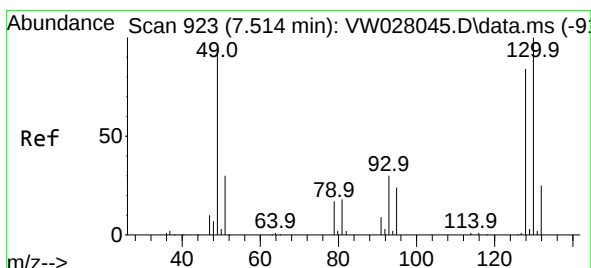
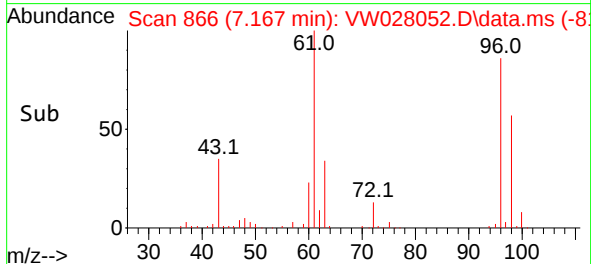
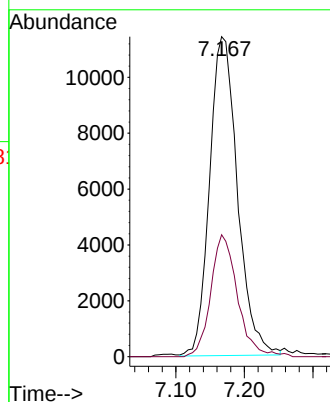
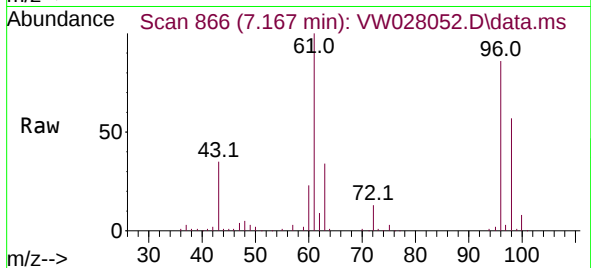




#22
2-Butanone
Concen: 63.735 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

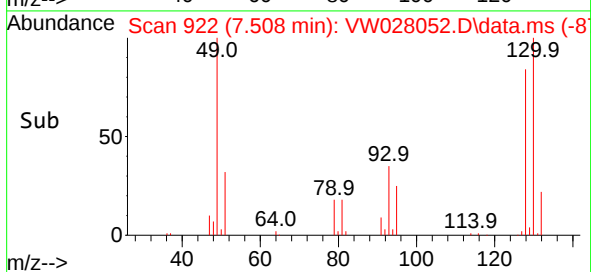
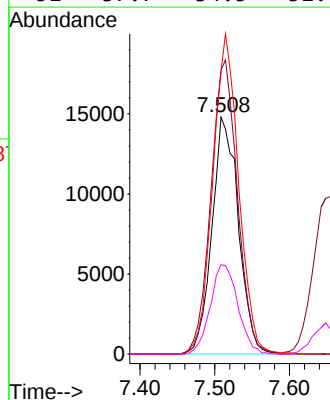
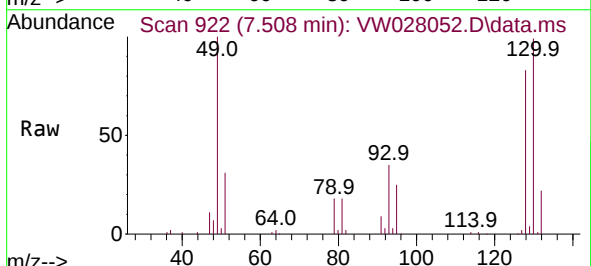
Instrument :
MSVOA_W
ClientSampleId :

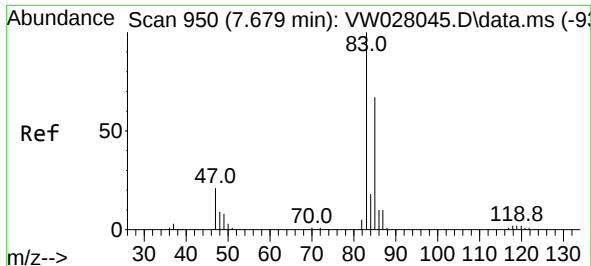
Tgt Ion: 43 Resp: 32377
Ion Ratio Lower Upper
43 100
72 35.9 17.0 50.9



#23
Bromochloromethane
Concen: 26.531 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion:128 Resp: 36321
Ion Ratio Lower Upper
128 100
49 119.9 93.2 173.2
130 119.2 97.4 180.8
51 37.7 34.5 51.7

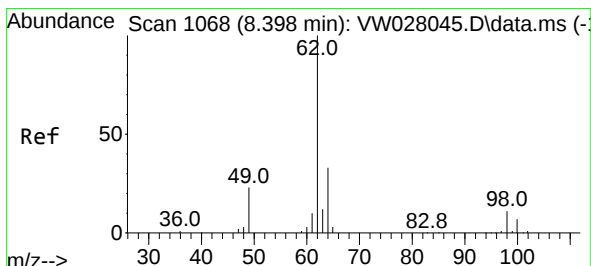
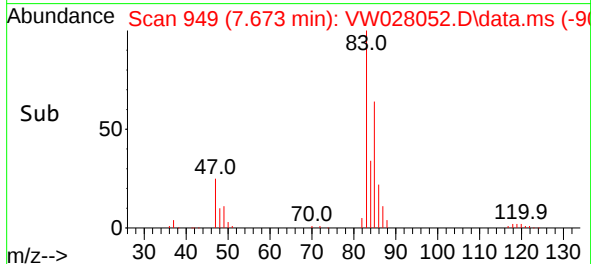
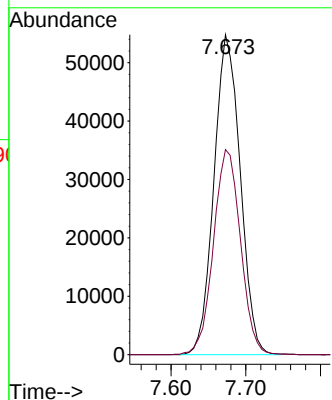
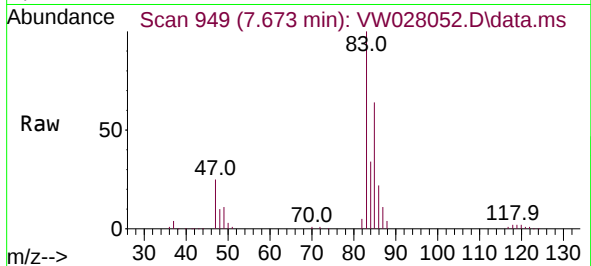




#25
Chloroform
Concen: 26.311 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

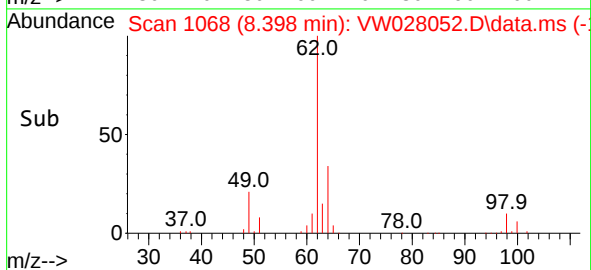
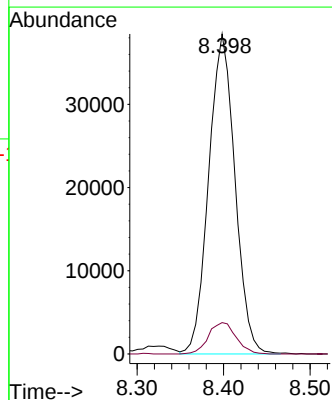
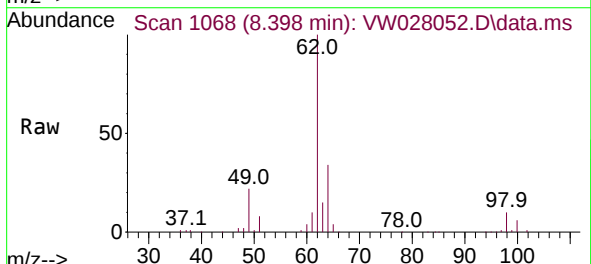
Instrument :
MSVOA_W
ClientSampleId :

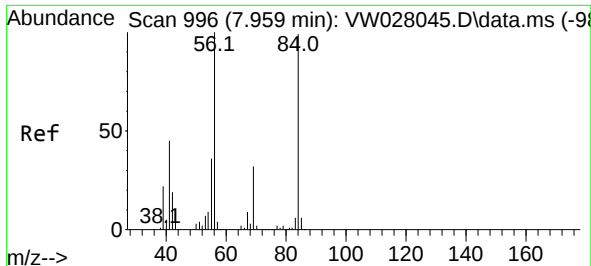
Tgt Ion: 83 Resp: 134106
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 28.553 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

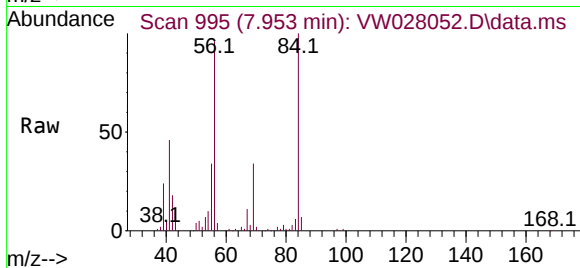
Tgt Ion: 62 Resp: 81044
Ion Ratio Lower Upper
62 100
98 9.8 9.4 14.2



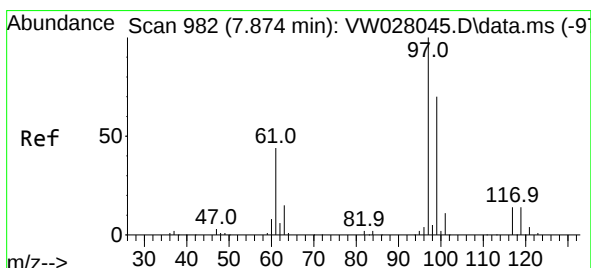
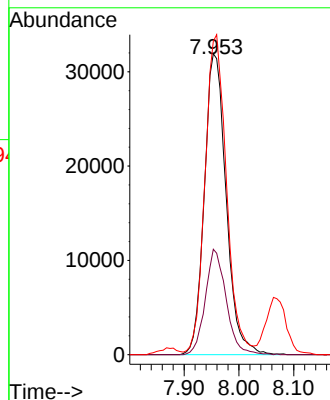
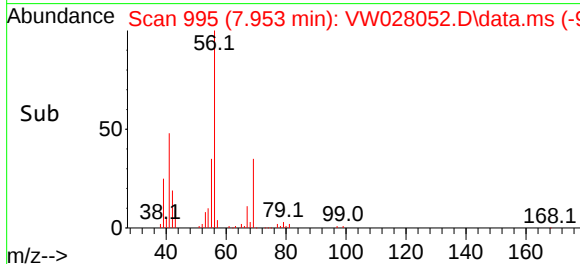


#29
Cyclohexane
Concen: 21.127 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Instrument :
MSVOA_W
ClientSampleId :

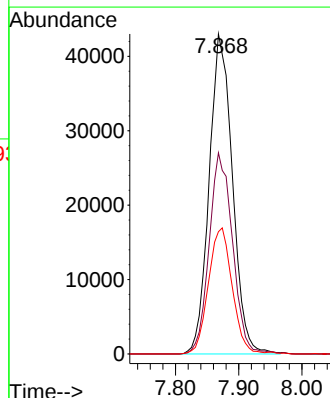
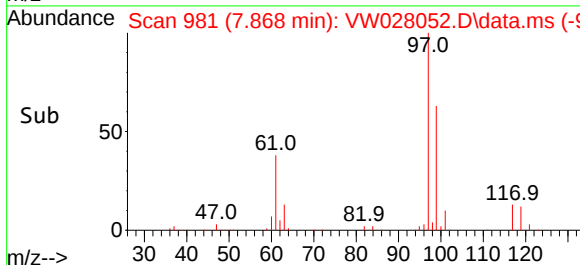
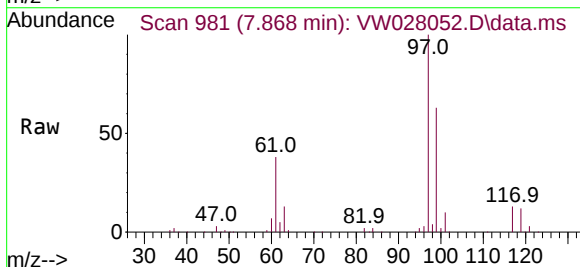


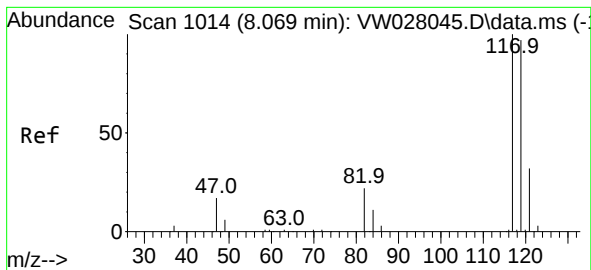
Tgt Ion: 56	Resp: 88044
Ion Ratio	Lower Upper
56	100
69	33.5 26.3 39.5
84	104.9 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 24.349 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion: 97	Resp: 109898
Ion Ratio	Lower Upper
97	100
99	63.2 51.4 77.0
61	40.2 32.9 49.3





#31

Carbon tetrachloride

Concen: 24.434 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

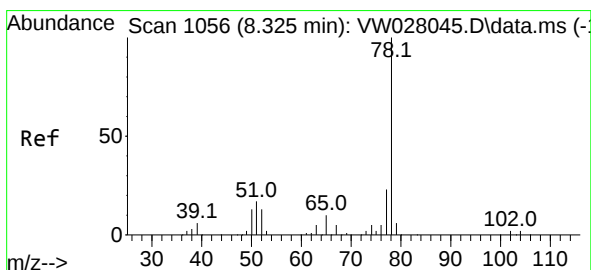
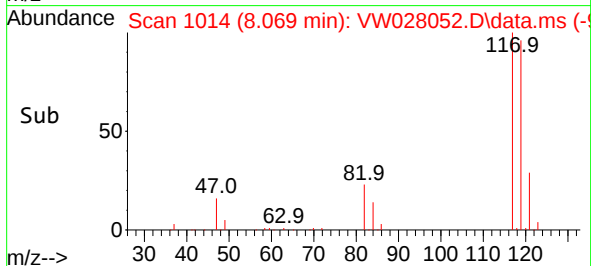
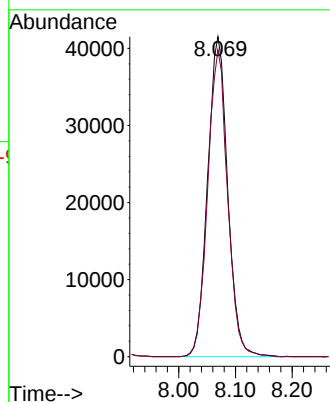
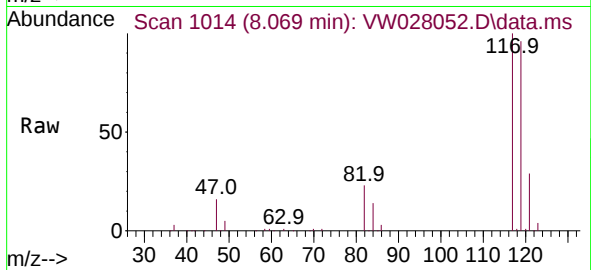
ClientSampleId :

Tgt Ion:117 Resp: 102027

Ion Ratio Lower Upper

117 100

119 95.0 76.5 114.7



#33

Benzene

Concen: 23.648 ug/L

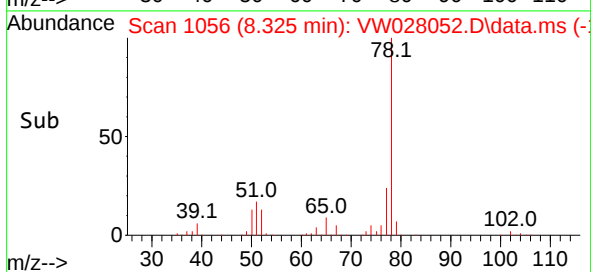
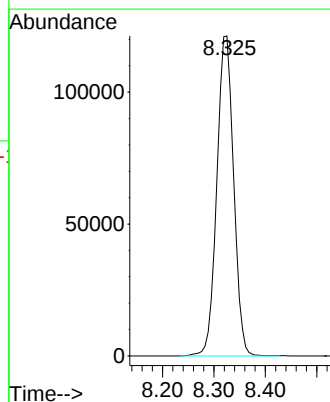
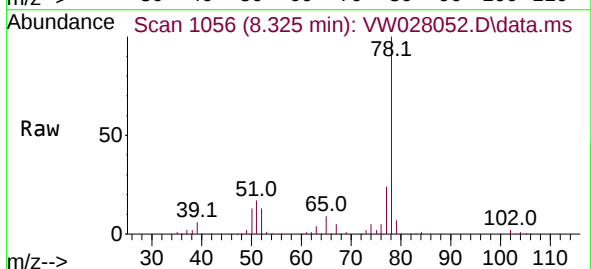
RT: 8.325 min Scan# 1056

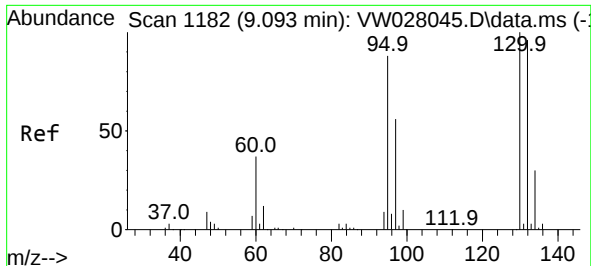
Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

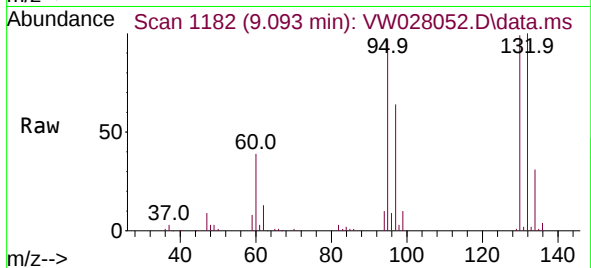
Tgt Ion: 78 Resp: 276160



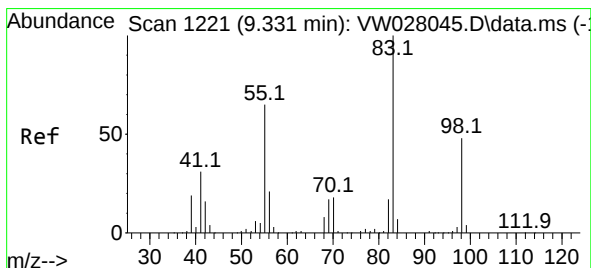
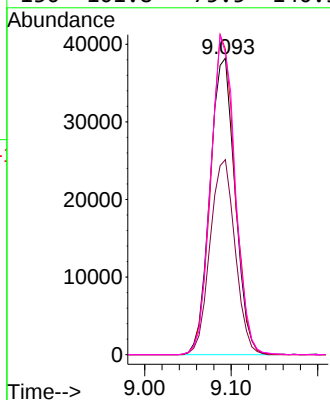
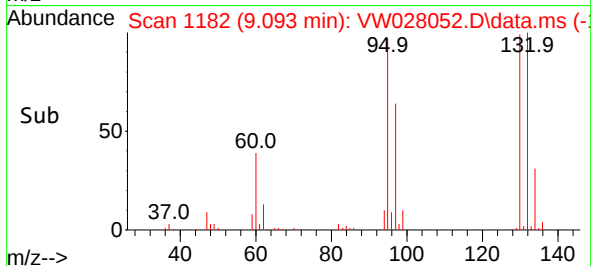


#34
Trichloroethene
Concen: 23.005 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

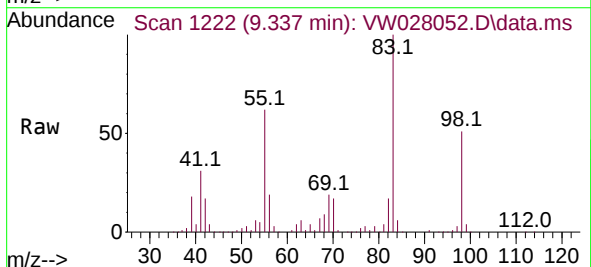
Instrument :
MSVOA_W
ClientSampleId :



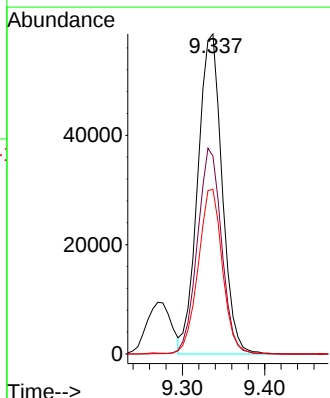
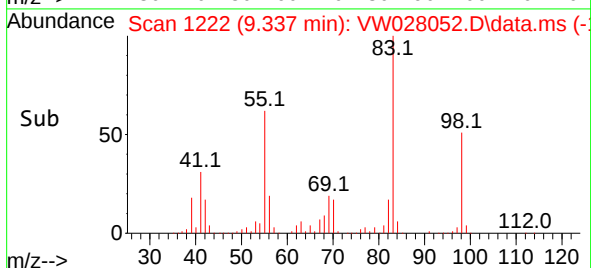
Tgt Ion: 95 Resp: 77123
Ion Ratio Lower Upper
95 100
97 65.8 44.3 82.3
132 103.0 68.0 126.2
130 101.8 75.5 140.3

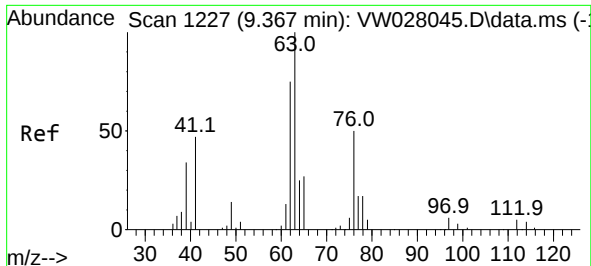


#35
Methylcyclohexane
Concen: 21.799 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08



Tgt Ion: 83 Resp: 120257
Ion Ratio Lower Upper
83 100
55 63.9 52.3 78.5
98 50.9 41.9 62.9





#37

1,2-Dichloropropane

Concen: 24.542 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

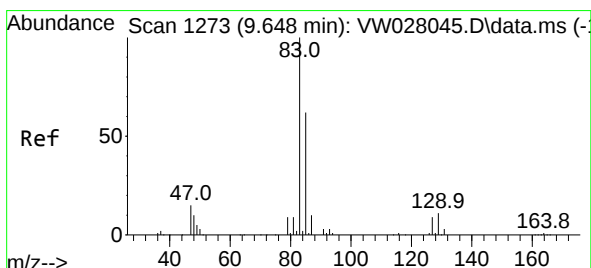
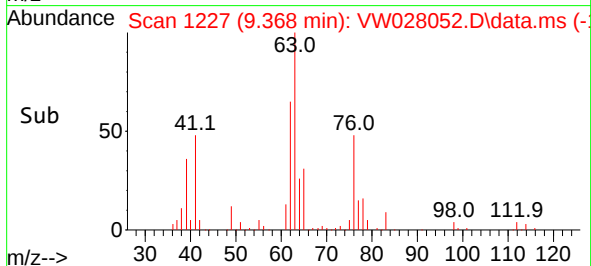
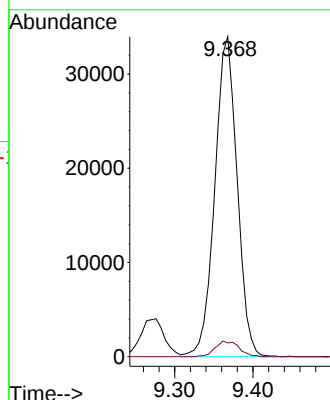
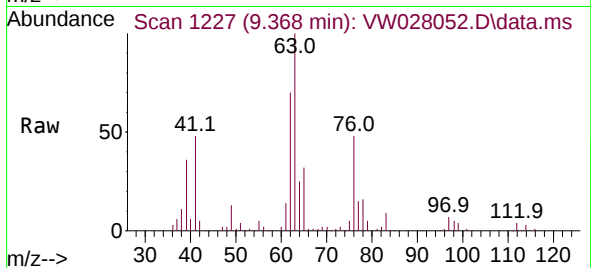
ClientSampleId :

Tgt Ion: 63 Resp: 67347

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 26.711 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

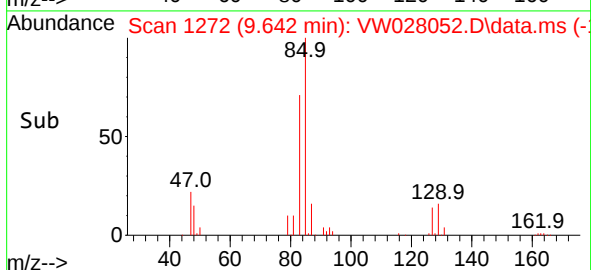
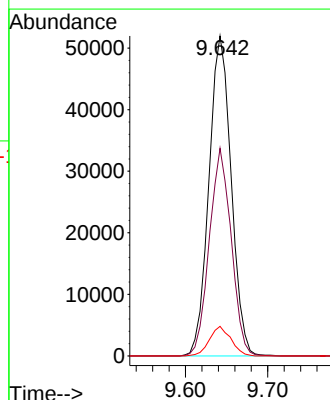
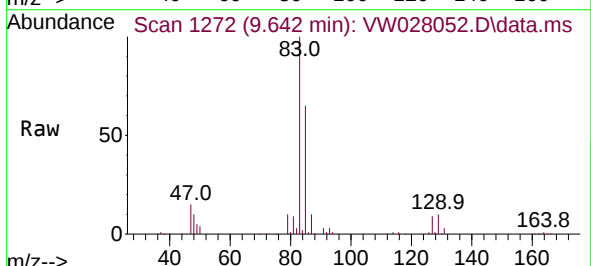
Tgt Ion: 83 Resp: 97840

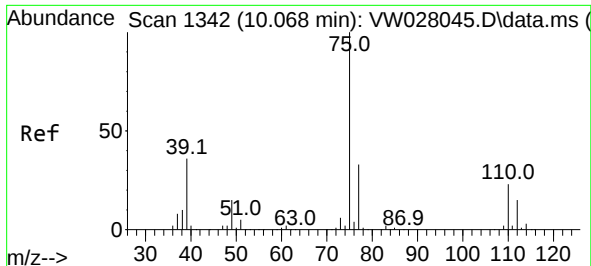
Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

127 9.3 7.1 10.7

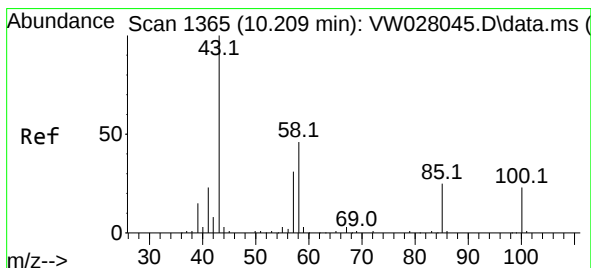
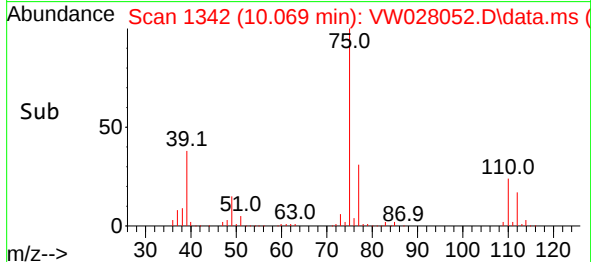
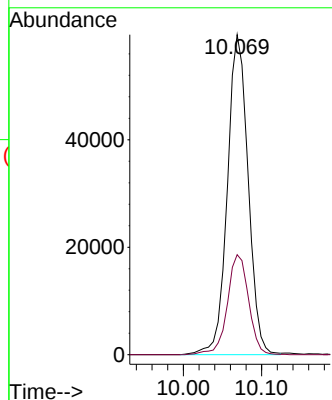
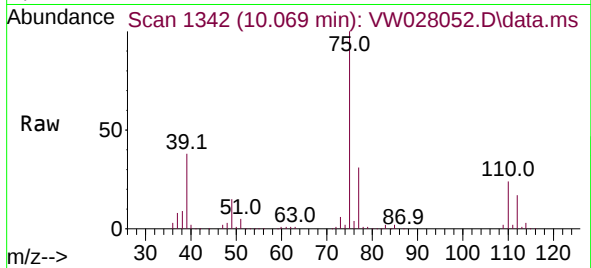




#39
 cis-1,3-Dichloropropene
 Concen: 24.955 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW028052.D
 Acq: 23 Feb 2024 13:08

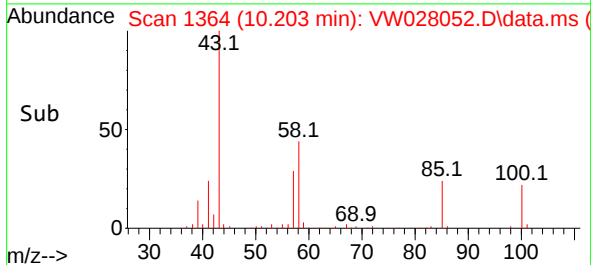
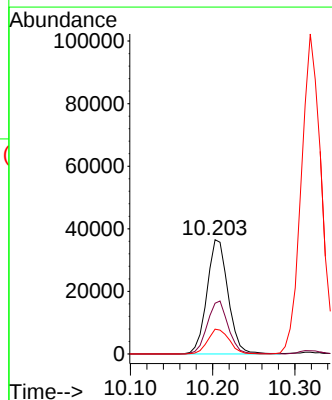
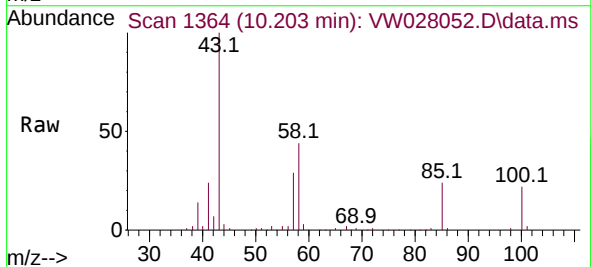
Instrument :
 MSVOA_W
 ClientSampleId :

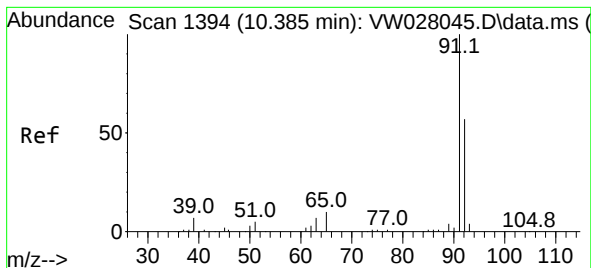
Tgt Ion: 75 Resp: 109763
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 62.824 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. -0.006 min
 Lab File: VW028052.D
 Acq: 23 Feb 2024 13:08

Tgt Ion: 43 Resp: 65070
 Ion Ratio Lower Upper
 43 100
 58 45.9 36.7 55.1
 100 22.1 18.4 27.6





#42

Toluene

Concen: 23.967 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

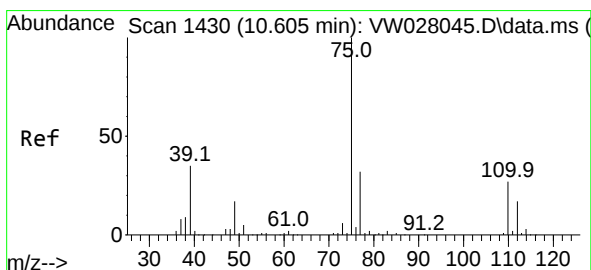
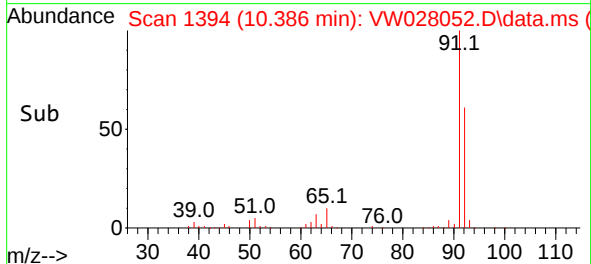
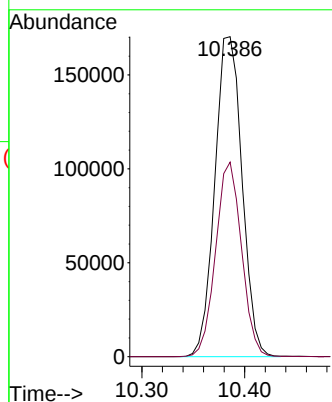
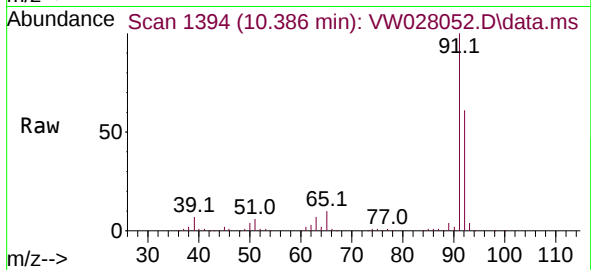
ClientSampleId :

Tgt Ion: 91 Resp: 313812

Ion Ratio Lower Upper

91 100

92 60.8 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 26.647 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028052.D

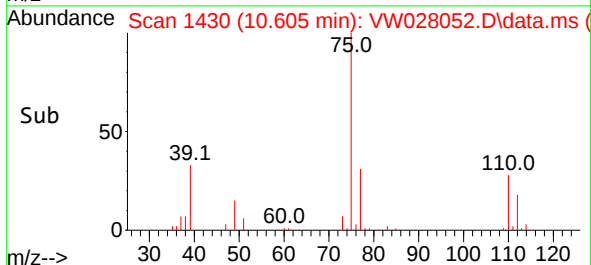
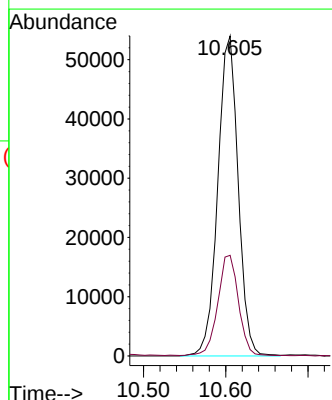
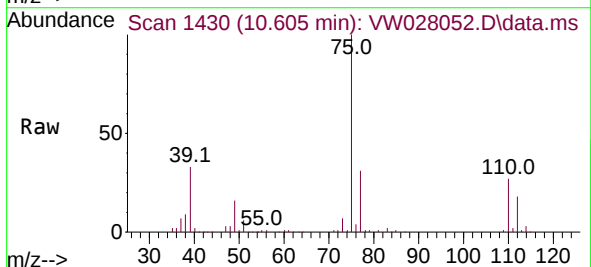
Acq: 23 Feb 2024 13:08

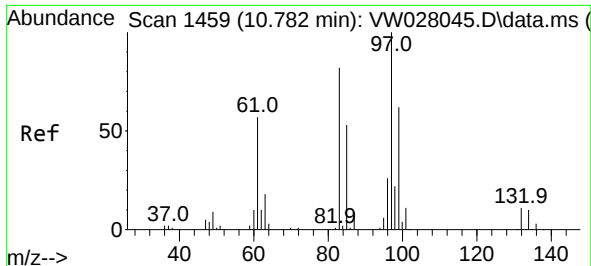
Tgt Ion: 75 Resp: 93027

Ion Ratio Lower Upper

75 100

77 31.4 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 27.452 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59628

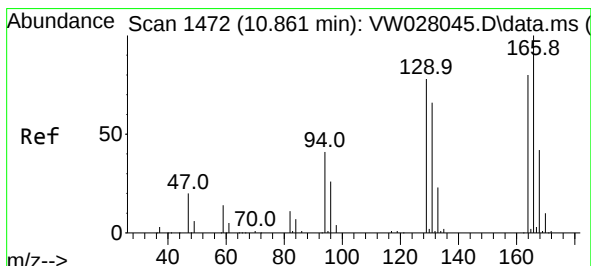
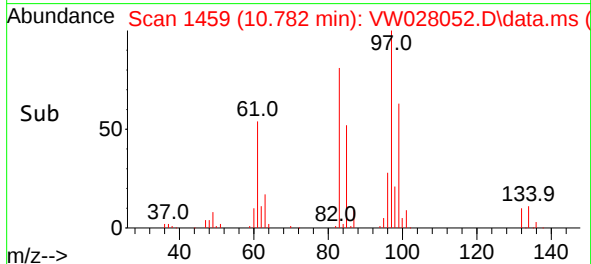
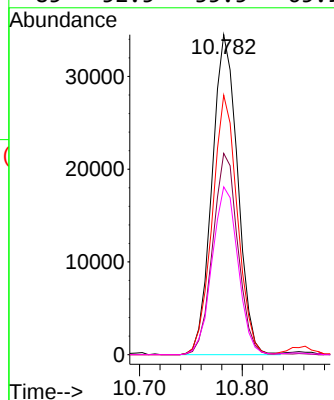
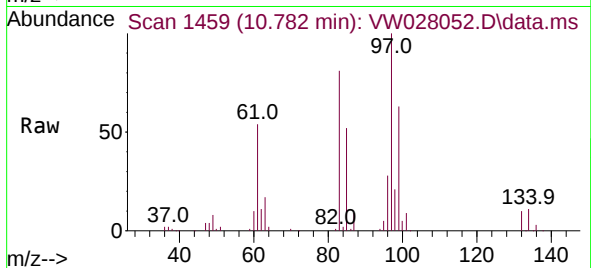
Ion Ratio Lower Upper

97 100

99 62.9 43.3 80.5

83 81.1 57.2 106.2

85 52.5 35.5 65.9



#46

Tetrachloroethene

Concen: 23.259 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Tgt Ion:164 Resp: 65610

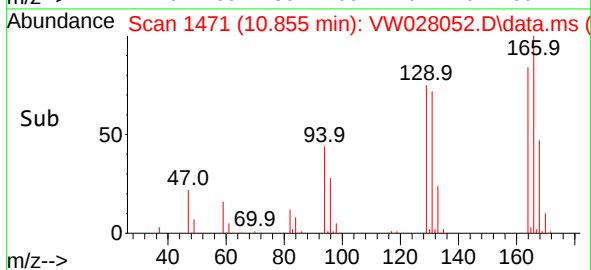
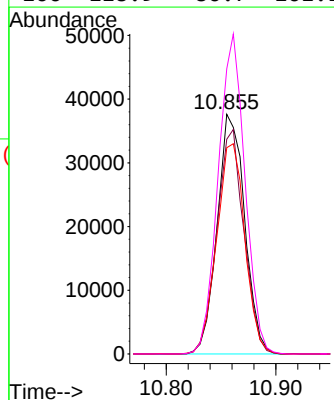
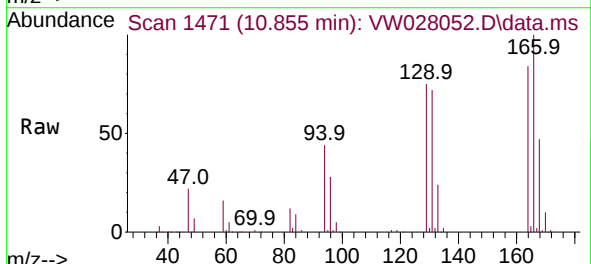
Ion Ratio Lower Upper

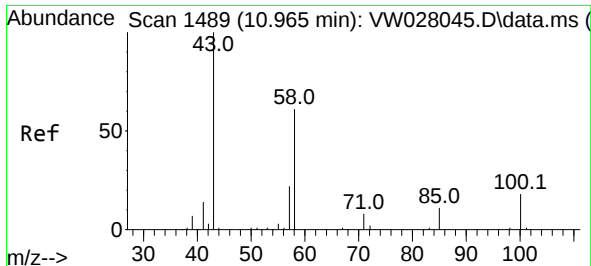
164 100

129 89.6 59.4 110.2

131 86.1 65.0 120.6

166 118.9 86.7 161.1

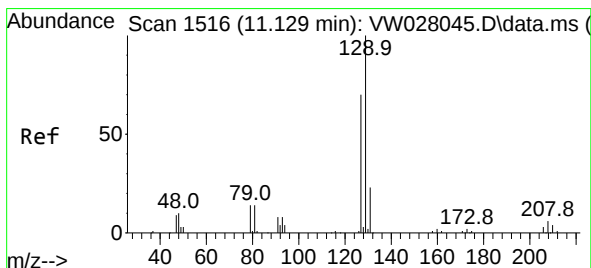
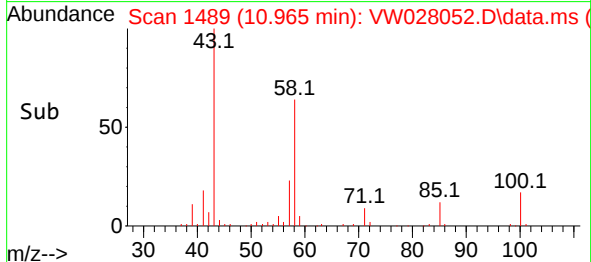
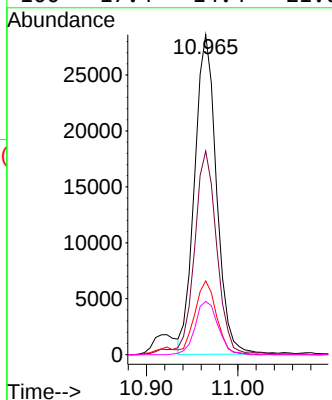
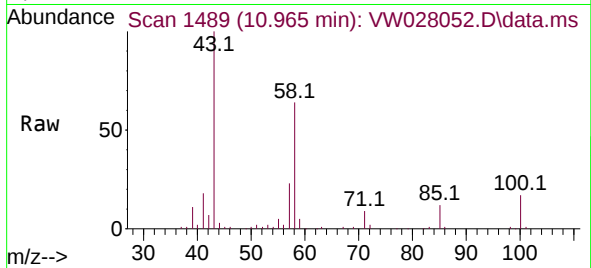




#48
2-Hexanone
Concen: 60.802 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

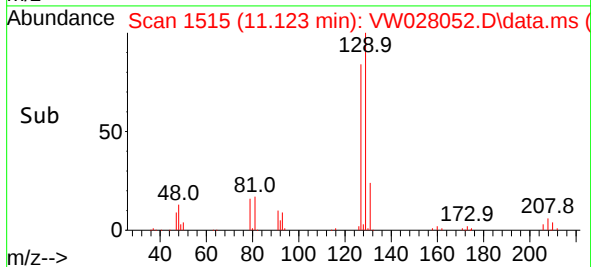
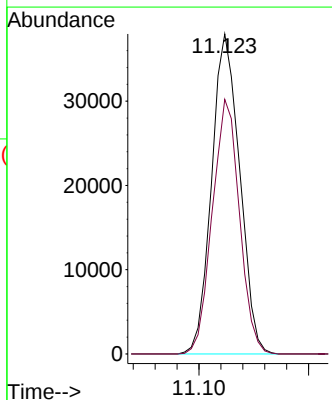
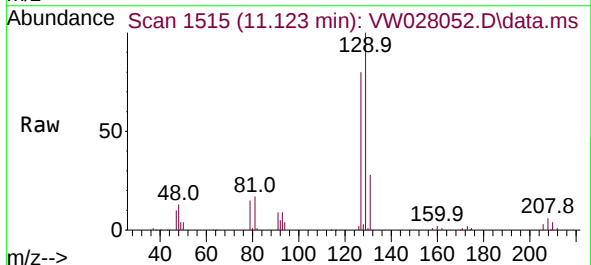
Instrument :
MSVOA_W
ClientSampleId :

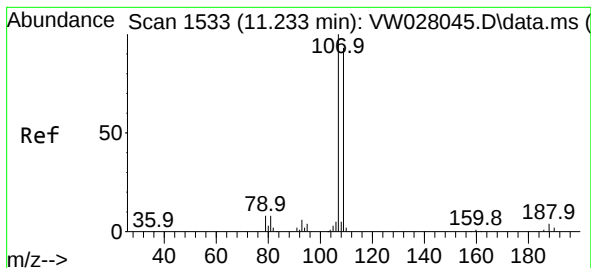
Tgt Ion: 43	Resp: 47700
Ion Ratio	Lower Upper
43 100	
58 64.4	51.4 77.2
57 23.0	17.4 26.2
100 17.4	14.4 21.6



#49
Dibromochloromethane
Concen: 27.295 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

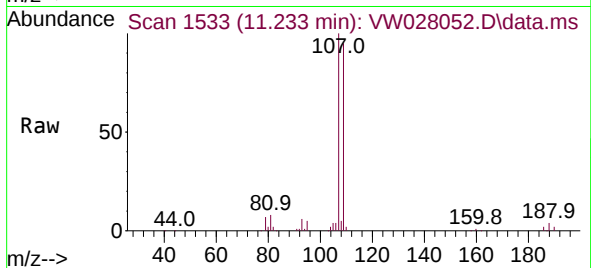
Tgt Ion:129	Resp:	67591	
Ion	Ratio	Lower	Upper
129	100		
127	79.6	49.6	92.0



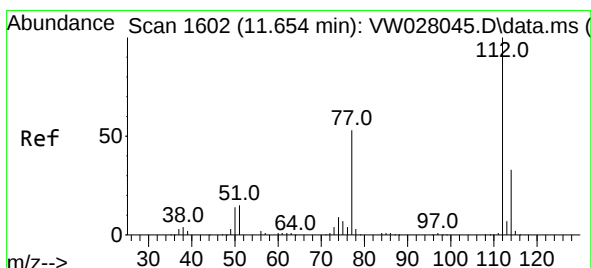
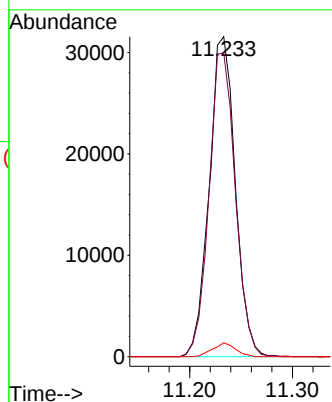
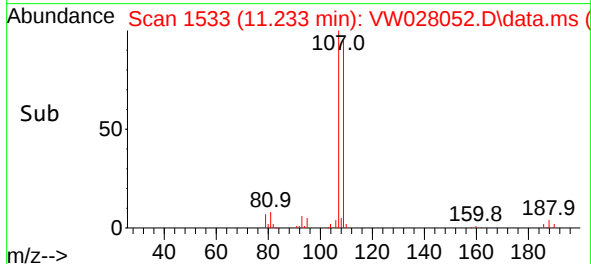


#50
1,2-Dibromoethane
Concen: 27.374 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

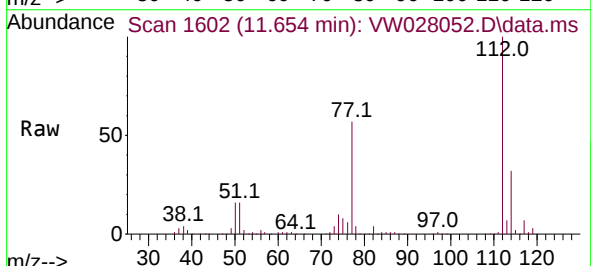
Instrument :
MSVOA_W
ClientSampleId :



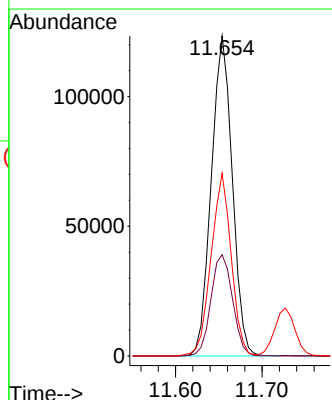
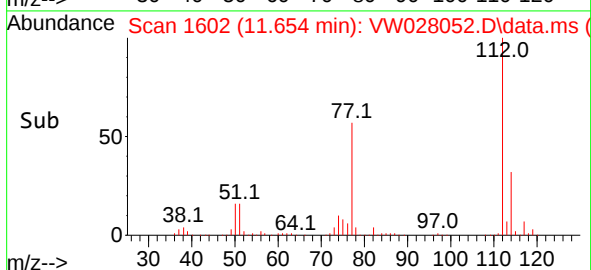
Tgt Ion:107 Resp: 55499
Ion Ratio Lower Upper
107 100
109 95.0 71.2 132.2
188 4.3 3.1 4.7

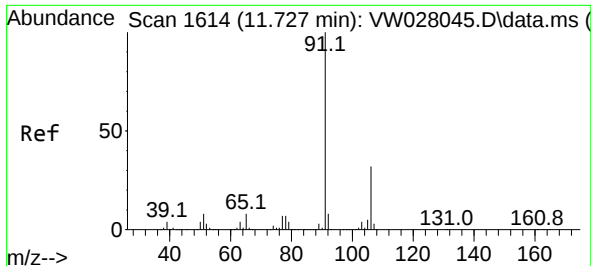


#51
Chlorobenzene
Concen: 23.826 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08



Tgt Ion:112 Resp: 207487
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.3
77 57.0 42.6 64.0

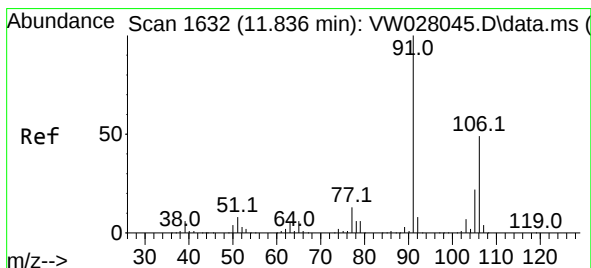
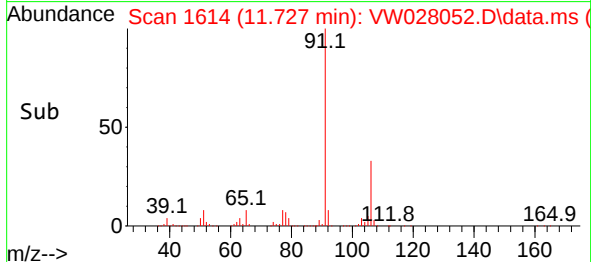
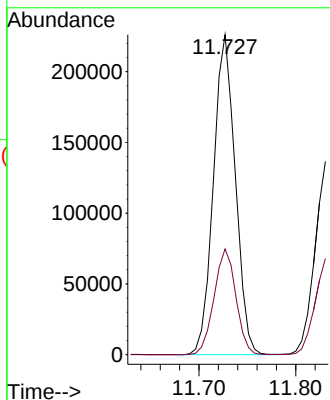
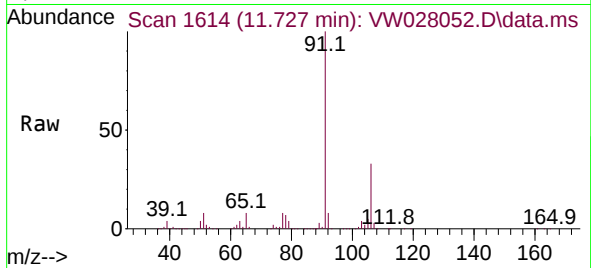




#52
Ethylbenzene
Concen: 24.063 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

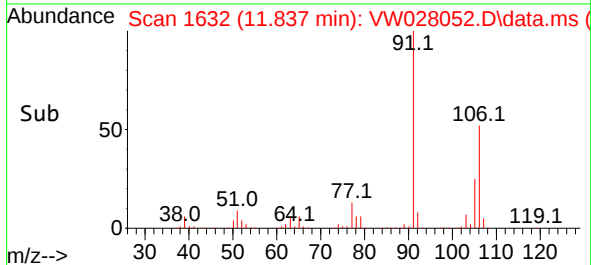
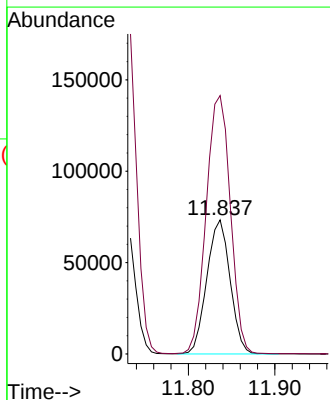
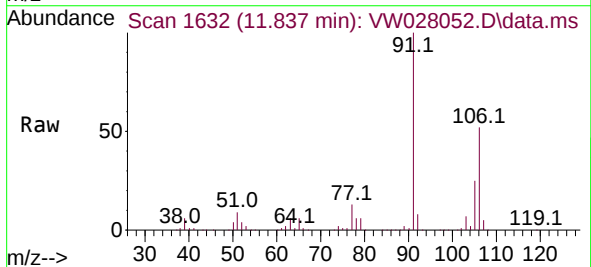
Instrument :
MSVOA_W
ClientSampleId :

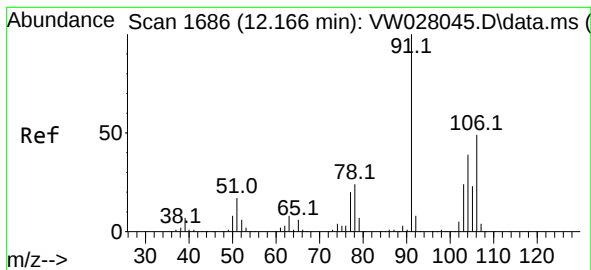
Tgt Ion: 91 Resp: 355230
Ion Ratio Lower Upper
91 100
106 33.0 22.8 42.4



#53
m,p-Xylene
Concen: 23.673 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion:106 Resp: 137057
Ion Ratio Lower Upper
106 100
91 192.8 130.0 241.4





#54

o-Xylene

Concen: 24.462 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

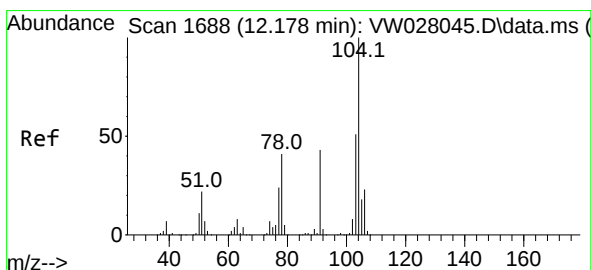
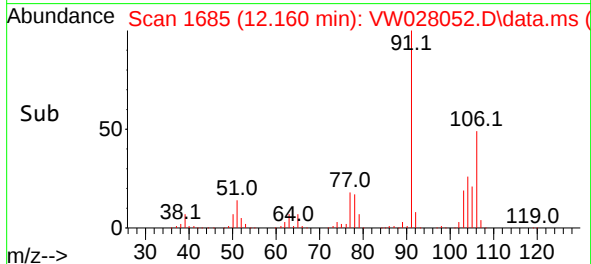
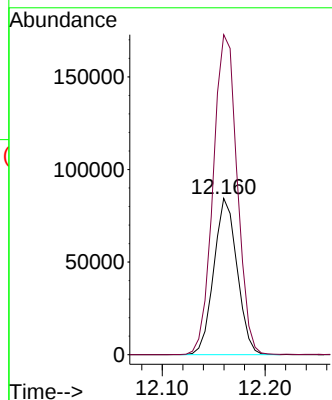
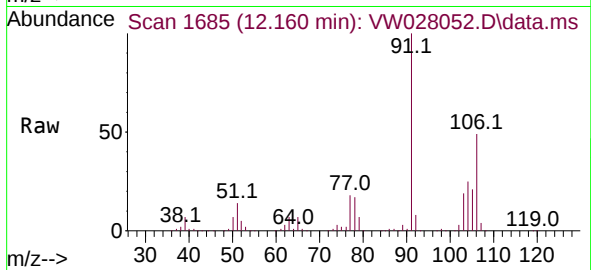
ClientSampleId :

Tgt Ion:106 Resp: 132825

Ion Ratio Lower Upper

106 100

91 204.7 146.4 272.0



#55

Styrene

Concen: 25.805 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028052.D

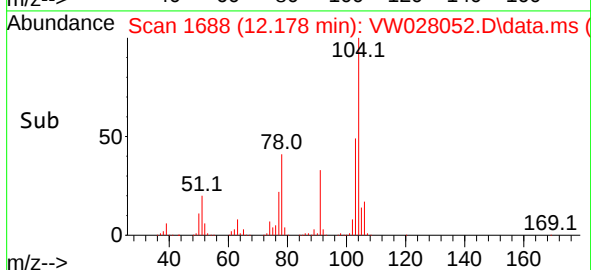
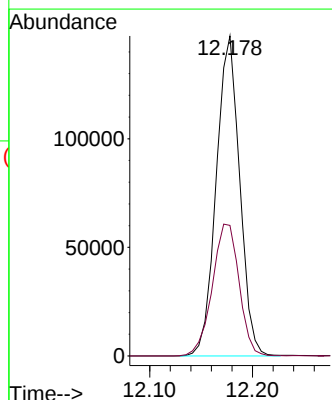
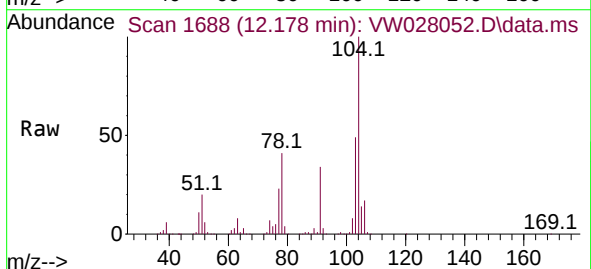
Acq: 23 Feb 2024 13:08

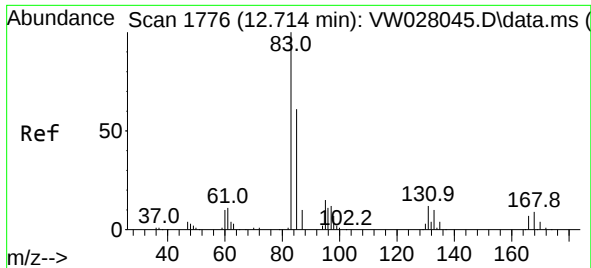
Tgt Ion:104 Resp: 233386

Ion Ratio Lower Upper

104 100

78 40.8 28.3 52.7

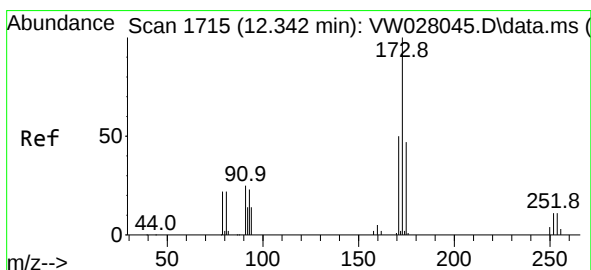
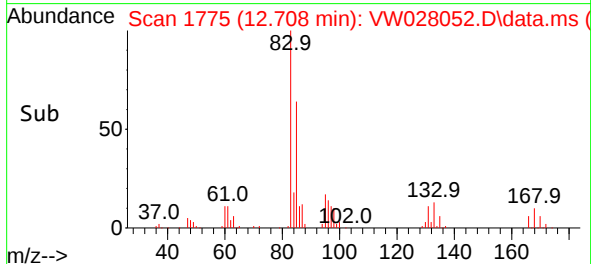
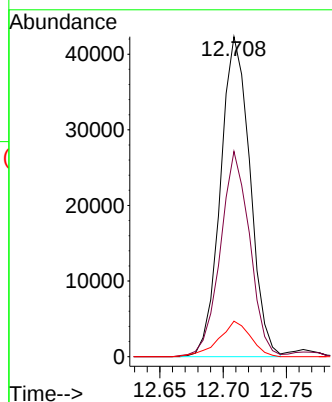
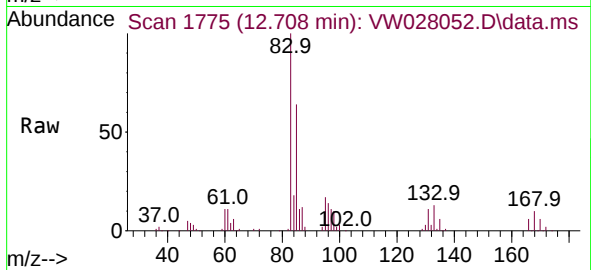




#57
1,1,2,2-Tetrachloroethane
Concen: 29.448 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

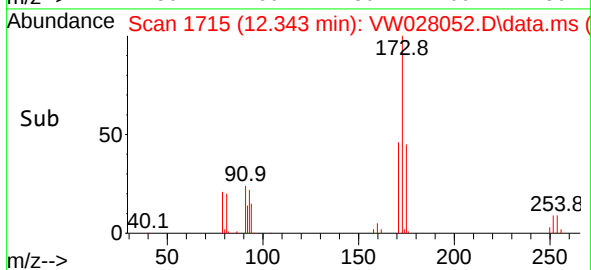
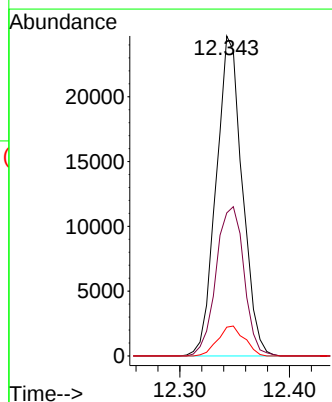
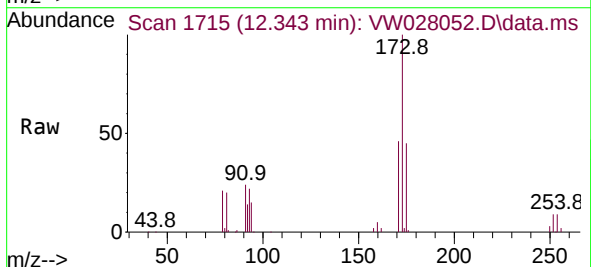
Instrument :
MSVOA_W
ClientSampleId :

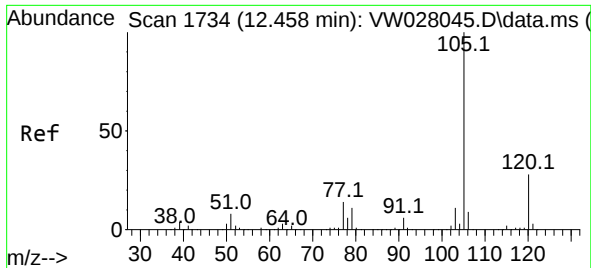
Tgt Ion: 83 Resp: 68495
Ion Ratio Lower Upper
83 100
85 64.2 42.9 79.7
131 11.1 8.7 13.1



#59
Bromoform
Concen: 27.724 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion:173 Resp: 40835
Ion Ratio Lower Upper
173 100
175 49.9 37.8 56.8
254 9.5 8.4 12.6

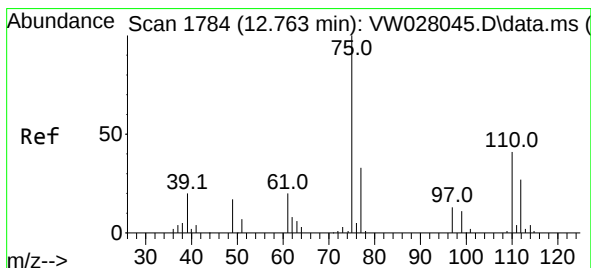
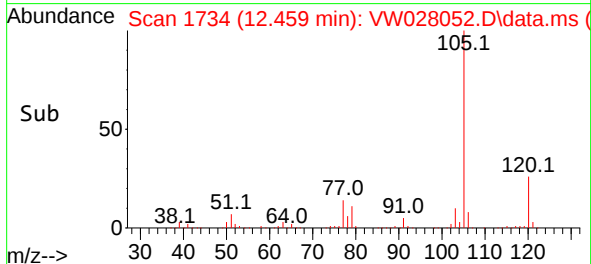
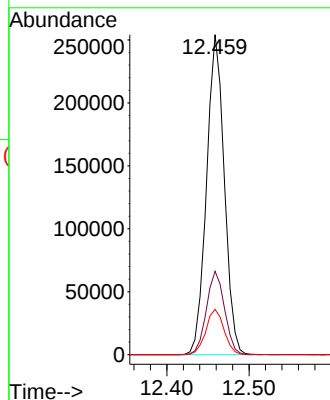
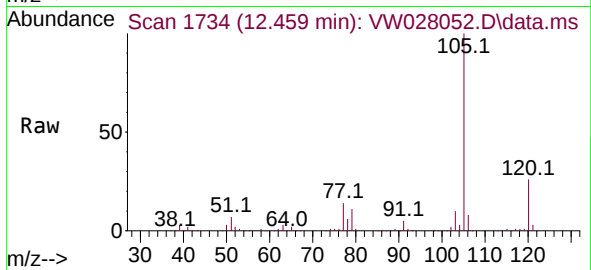




#60
Isopropylbenzene
Concen: 24.458 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

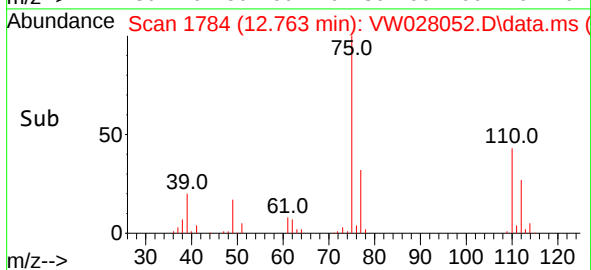
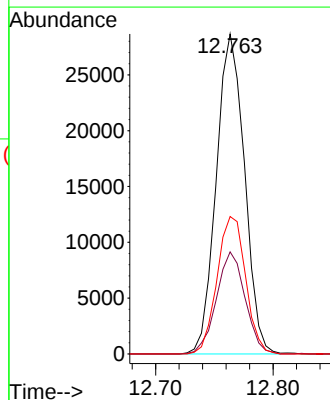
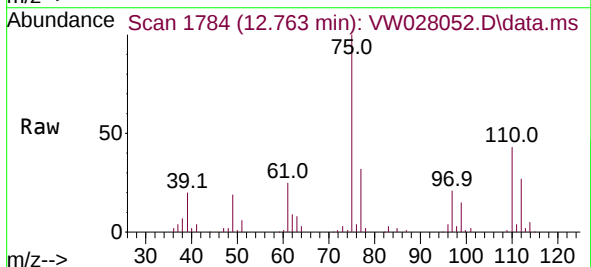
Instrument :
MSVOA_W
ClientSampleId :

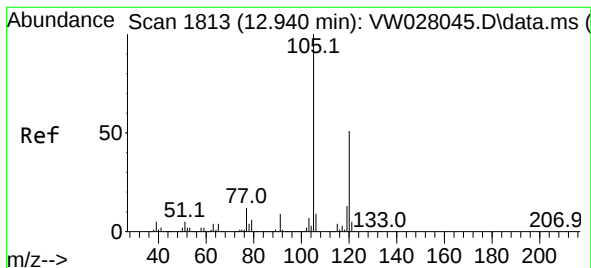
Tgt Ion:105 Resp: 381096
Ion Ratio Lower Upper
105 100
120 26.6 22.2 33.2
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 28.708 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion: 75 Resp: 47812
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 43.4 35.8 53.8

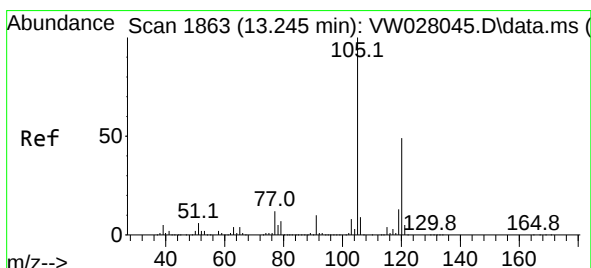
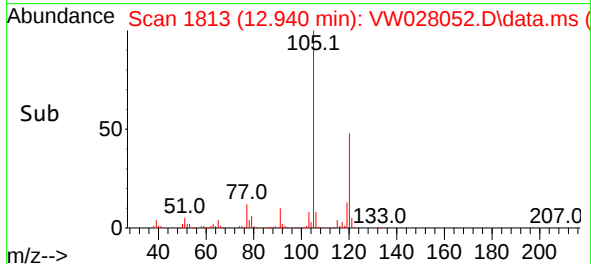
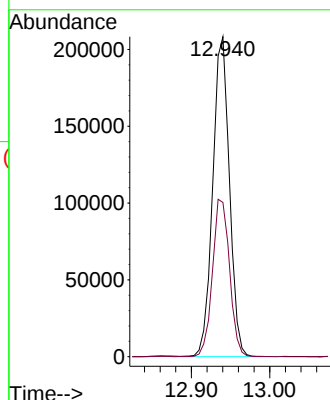
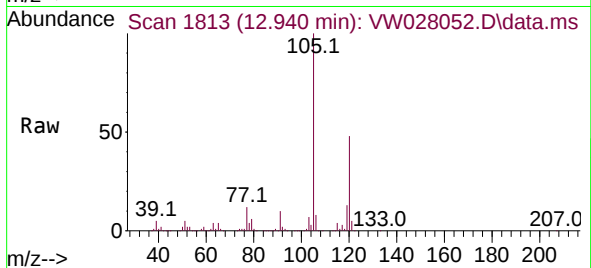




#62
1,3,5-Trimethylbenzene
Concen: 24.709 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

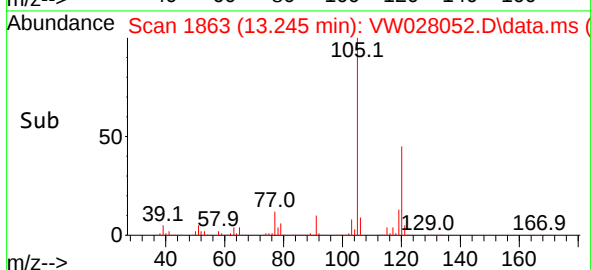
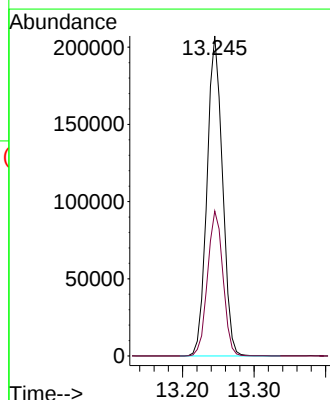
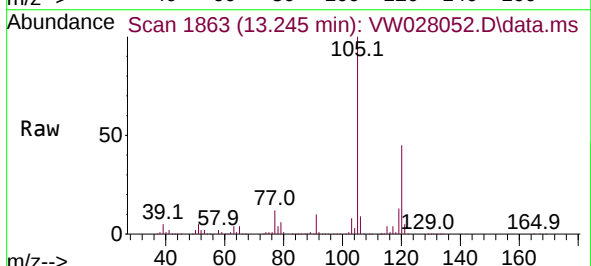
Instrument :
MSVOA_W
ClientSampleId :

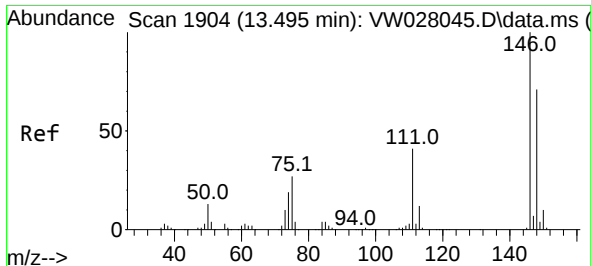
Tgt Ion:105 Resp: 308097
Ion Ratio Lower Upper
105 100
120 50.4 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 25.527 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

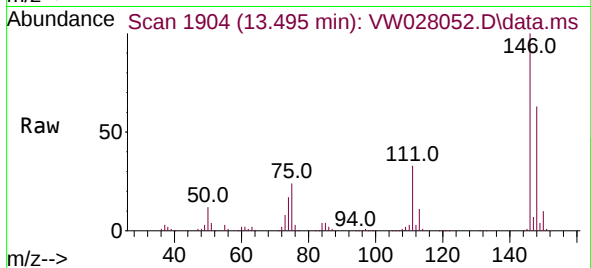
Tgt Ion:105 Resp: 311463
Ion Ratio Lower Upper
105 100
120 45.2 36.4 54.6



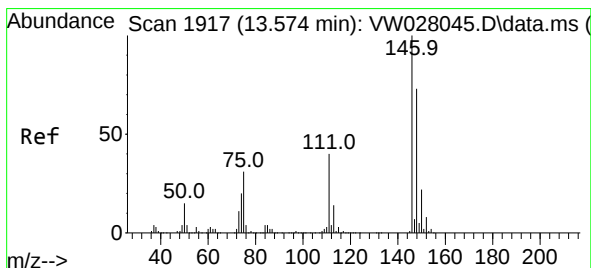
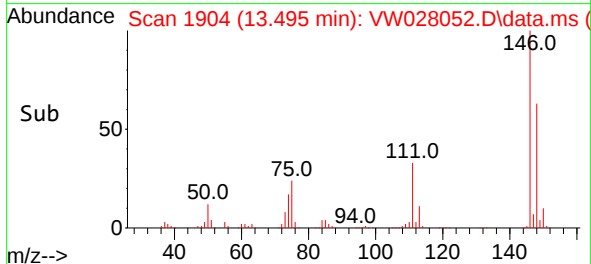
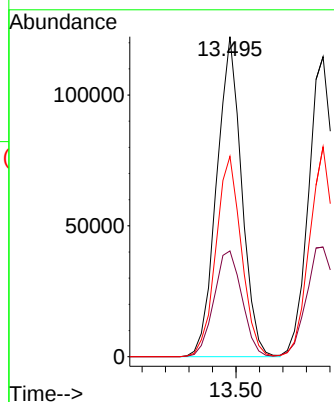


#64
1,3-Dichlorobenzene
Concen: 25.246 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Instrument :
MSVOA_W
ClientSampleId :

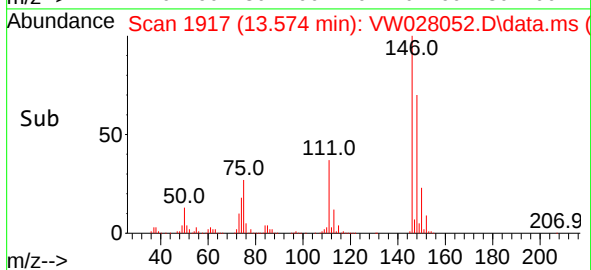
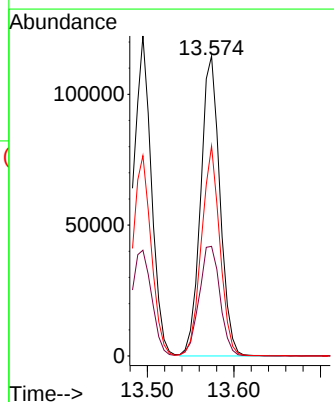
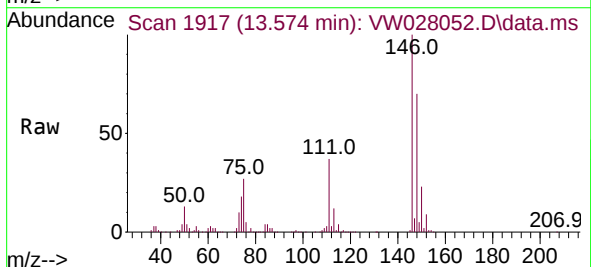


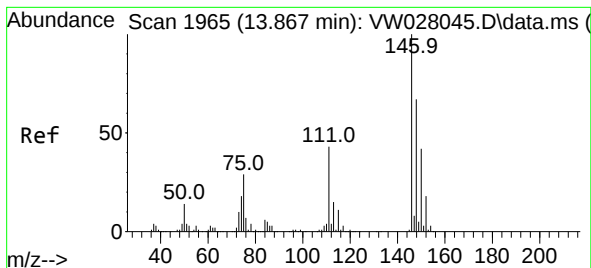
Tgt Ion:146 Resp: 180705
Ion Ratio Lower Upper
146 100
111 33.0 26.9 49.9
148 62.6 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.339 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion:146 Resp: 177136
Ion Ratio Lower Upper
146 100
111 36.5 24.1 44.8
148 70.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 24.499 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

ClientSampleId :

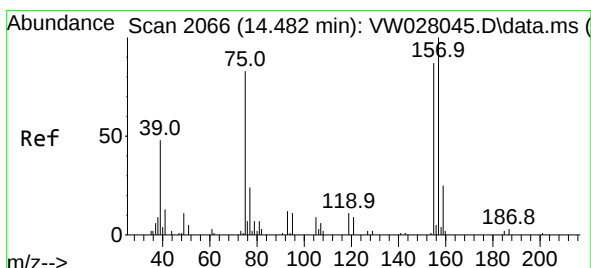
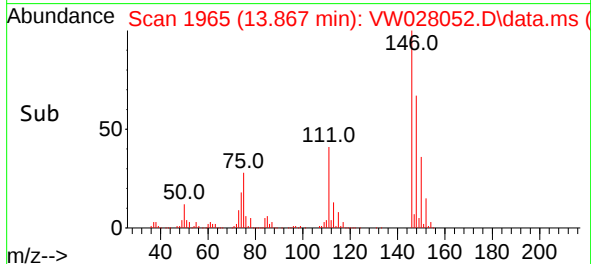
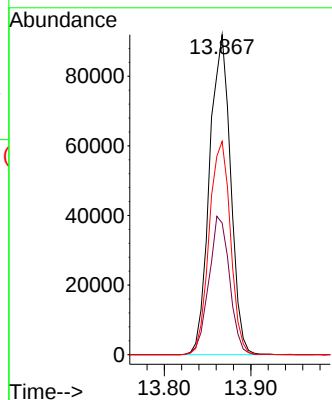
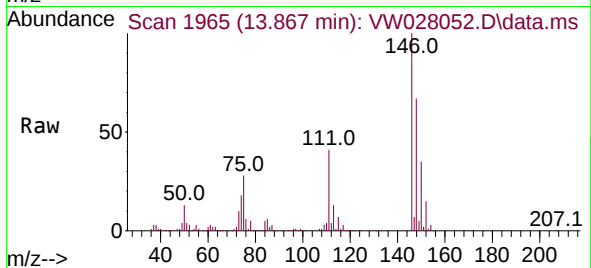
Tgt Ion:146 Resp: 154889

Ion Ratio Lower Upper

146 100

111 41.2 30.6 46.0

148 66.6 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 30.603 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

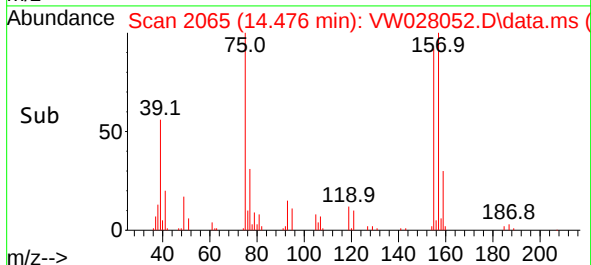
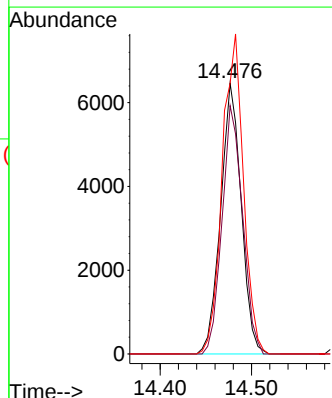
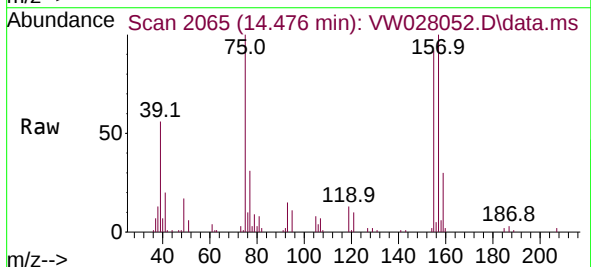
Tgt Ion: 75 Resp: 10119

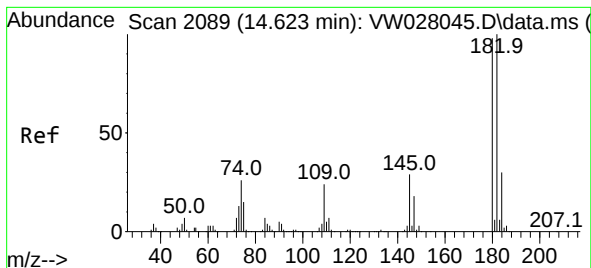
Ion Ratio Lower Upper

75 100

155 91.7 68.7 103.1

157 100.0 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 23.802 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

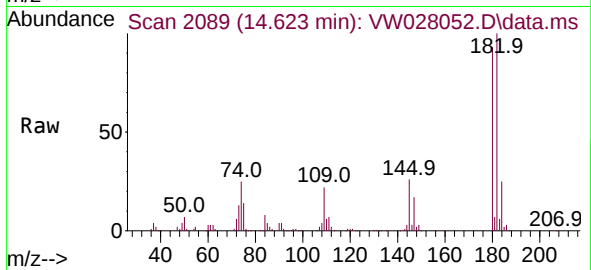
Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 122338

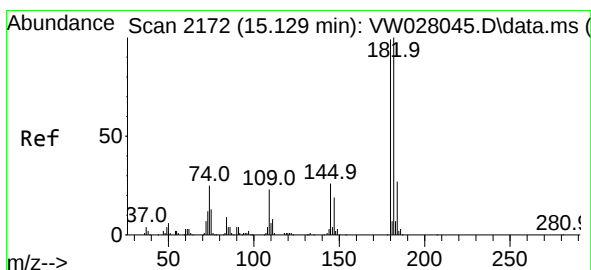
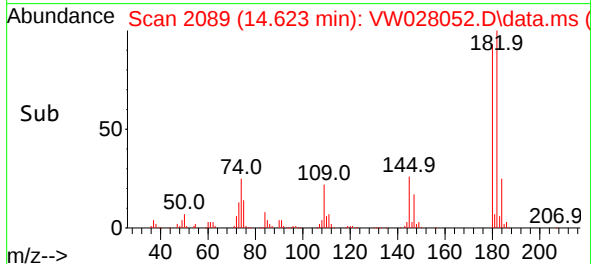
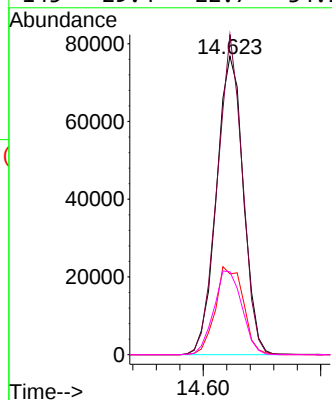
Ion Ratio Lower Upper

180 100

182 100.4 72.1 108.1

184 30.5 24.4 36.6

145 29.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 25.626 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028052.D

Acq: 23 Feb 2024 13:08

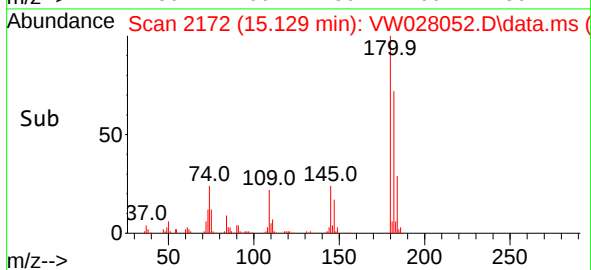
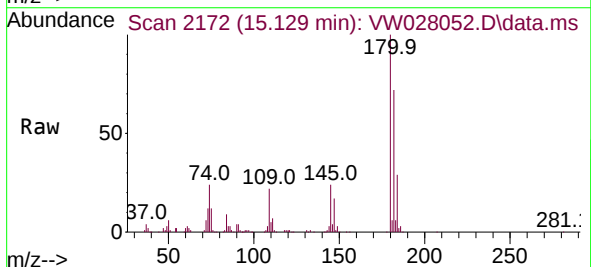
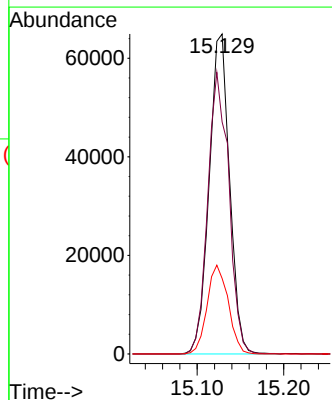
Tgt Ion:180 Resp: 106362

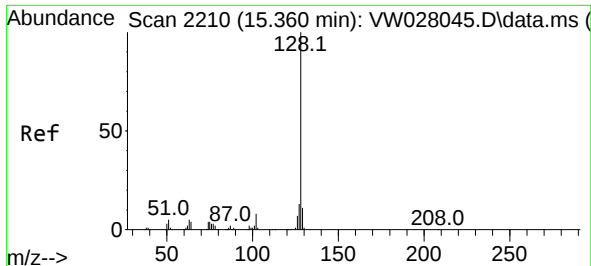
Ion Ratio Lower Upper

180 100

182 90.7 77.0 115.6

145 28.7 23.4 35.0

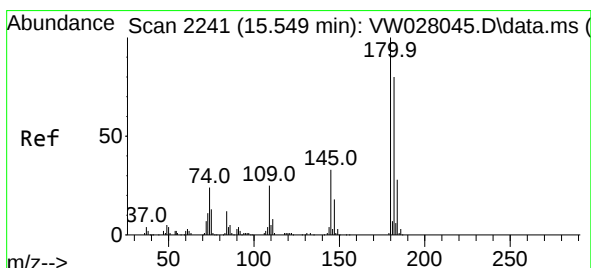
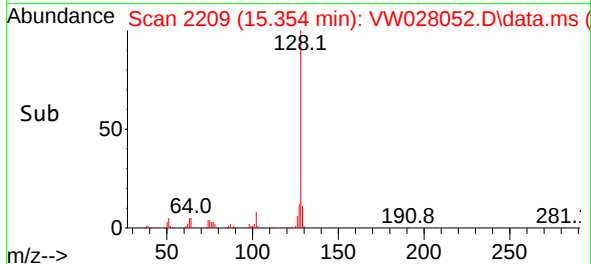
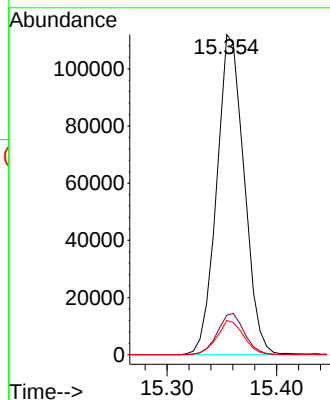
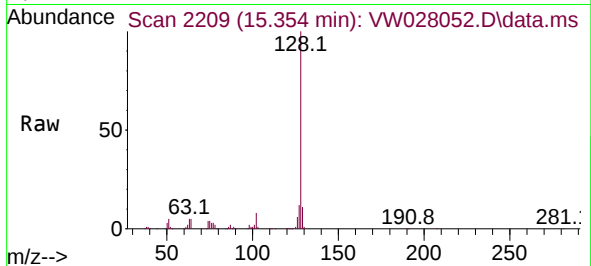




#71
Naphthalene
Concen: 30.195 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 194750
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.4 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 26.964 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028052.D
Acq: 23 Feb 2024 13:08

Tgt Ion:180 Resp: 93374
Ion Ratio Lower Upper
180 100
182 89.3 76.5 114.7
145 31.3 25.8 38.8

