

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021424\
 Data File : VW028012.D
 Acq On : 14 Feb 2024 17:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 15 00:33:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 00:29:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127715	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	55566	18.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.899	69	51321	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	4.021	65	24561	18.804	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.200%
21) 2-Butanone-d5	7.075	46	30306	63.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.780%
24) Chloroform-d	7.648	84	138871	22.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	8.307	65	69652	25.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%
32) Benzene-d6	8.270	84	272982	21.352	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.270	67	76410	22.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	10.319	98	267359	21.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.440%
43) trans-1,3-Dichloroprop...	10.575	79	34184	23.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.920%
47) 2-Hexanone-d5	10.922	63	30212	64.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	72284	27.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	98504	22.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	47893	21.339	ug/L	94
3) Chloromethane	2.229	50	53006	21.505	ug/L	96
5) Vinyl chloride	2.381	62	70768	21.183	ug/L	98
6) Bromomethane	2.789	94	55310	23.431	ug/L	98
8) Chloroethane	2.936	64	47328	25.073	ug/L	97
9) Trichlorofluoromethane	3.265	101	56931	18.751	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	71464	23.351	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	63776	22.401	ug/L	95
13) Acetone	4.125	43	23675	51.332	ug/L	95
14) Carbon disulfide	4.399	76	168311	19.969	ug/L	99
15) Methyl Acetate	4.673	43	24367	31.736	ug/L	99
16) Methylene chloride	4.911	84	31169	9.568	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	71696	23.440	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	105781	29.172	ug/L	99
19) 1,1-Dichloroethane	6.222	63	125944	25.346	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	83201	25.759	ug/L	98
22) 2-Butanone	7.167	43	33286	62.521	ug/L	98
23) Bromochloromethane	7.508	128	39665	27.646	ug/L	82
25) Chloroform	7.679	83	140360	26.276	ug/L	100

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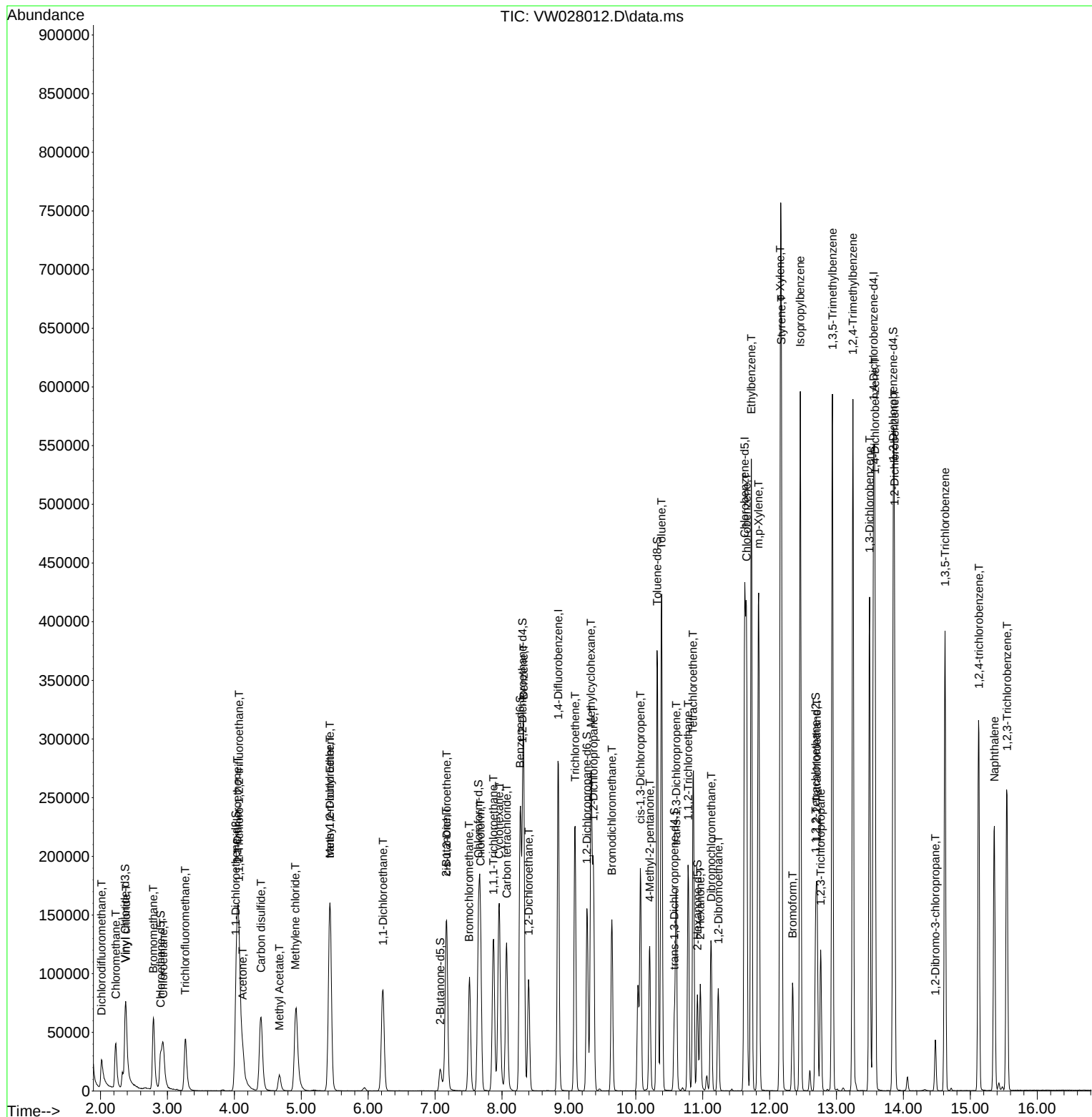
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87102	29.280	ug/L	96
29) Cyclohexane	7.959	56	93370	21.923	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	112967	24.490	ug/L	98
31) Carbon tetrachloride	8.069	117	101117	23.695	ug/L	99
33) Benzene	8.325	78	293878	24.624	ug/L	100
34) Trichloroethene	9.093	95	82083	23.958	ug/L	97
35) Methylcyclohexane	9.331	83	123669	21.935	ug/L	99
37) 1,2-Dichloropropane	9.368	63	72880	25.986	ug/L	100
38) Bromodichloromethane	9.642	83	103360	27.610	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	118830	26.435	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	74283	70.175	ug/L	99
42) Toluene	10.386	91	326632	24.409	ug/L	90
44) trans-1,3-Dichloropropene	10.605	75	99595	27.915	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	64940	29.254	ug/L	99
46) Tetrachloroethene	10.855	164	63844	22.146	ug/L	94
48) 2-Hexanone	10.965	43	51547	64.292	ug/L	99
49) Dibromochloromethane	11.129	129	72183	28.522	ug/L	92
50) 1,2-Dibromoethane	11.233	107	61083	29.480	ug/L	90
51) Chlorobenzene	11.654	112	225624	25.351	ug/L	99
52) Ethylbenzene	11.727	91	380253	25.204	ug/L	99
53) m,p-Xylene	11.837	106	148638	25.121	ug/L	99
54) o-Xylene	12.160	106	145347	26.192	ug/L	98
55) Styrene	12.178	104	239135	25.872	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	75237	31.650	ug/L	93
59) Bromoform	12.343	173	44925	29.802	ug/L	97
60) Isopropylbenzene	12.458	105	387995	24.331	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	51629	30.291	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	327943	25.699	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	317078	25.392	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175500	23.958	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	186426	25.030	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	166428	25.722	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	10952	32.364	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	120647	22.936	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	108367	25.511	ug/L	99
71) Naphthalene	15.360	128	206642	31.305	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93643	26.423	ug/L	99

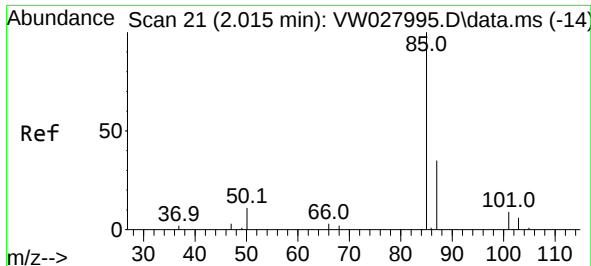
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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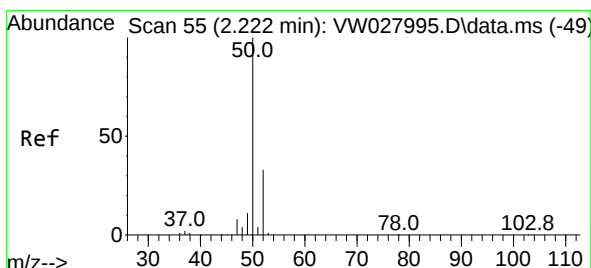
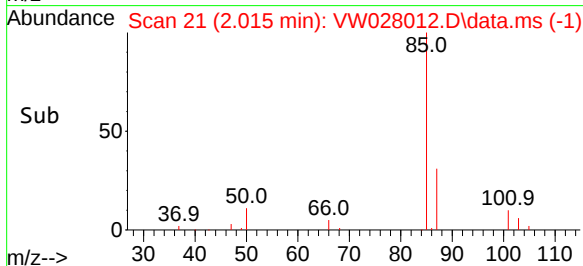
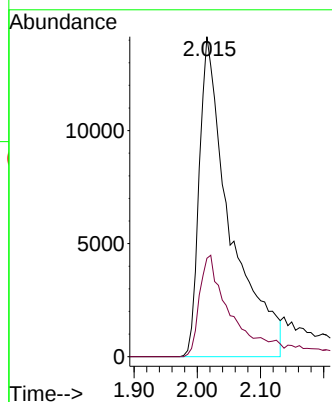
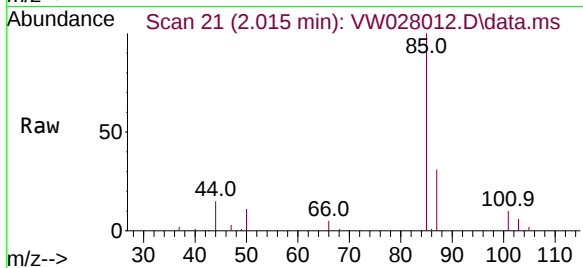




#2
Dichlorodifluoromethane
Concen: 21.339 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

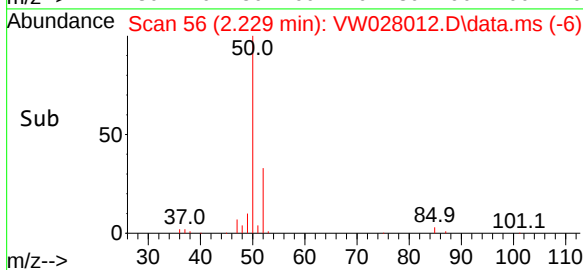
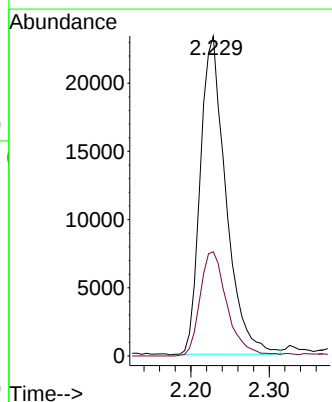
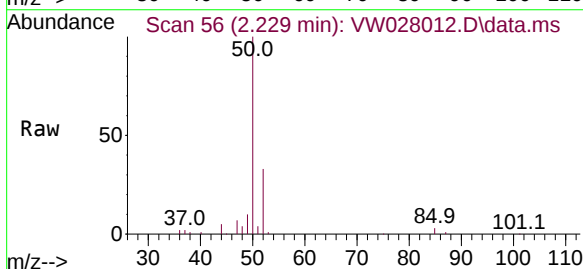
Instrument :
MSVOA_W
ClientSampleId :

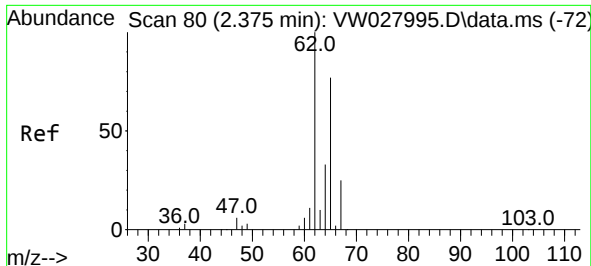
Tgt Ion: 85 Resp: 47893
Ion Ratio Lower Upper
85 100
87 28.5 25.3 37.9



#3
Chloromethane
Concen: 21.505 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 50 Resp: 53006
Ion Ratio Lower Upper
50 100
52 32.5 24.3 45.1

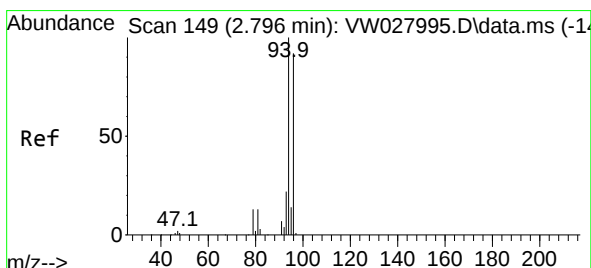
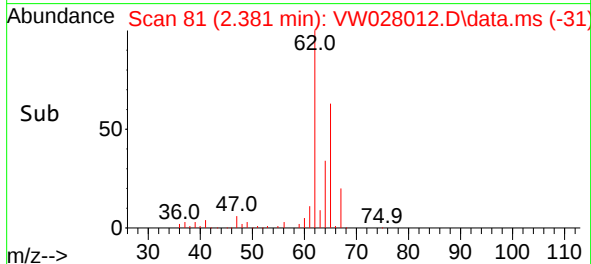
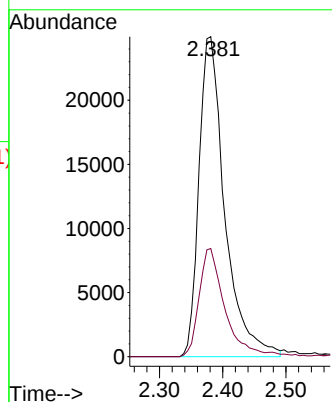
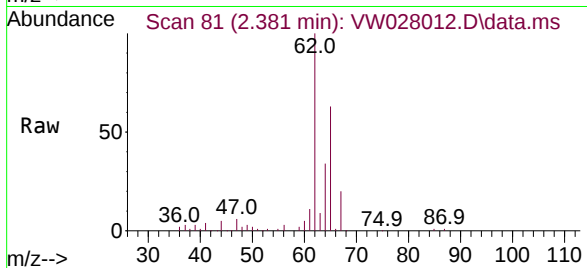




#5
 Vinyl chloride
 Concen: 21.183 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028012.D
 Acq: 14 Feb 2024 17:27

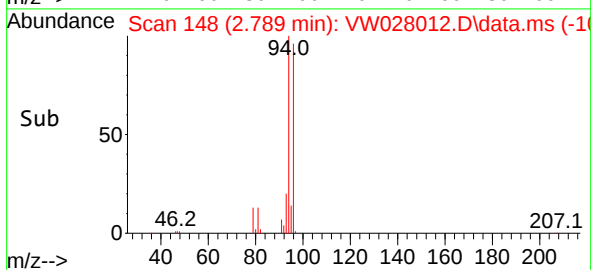
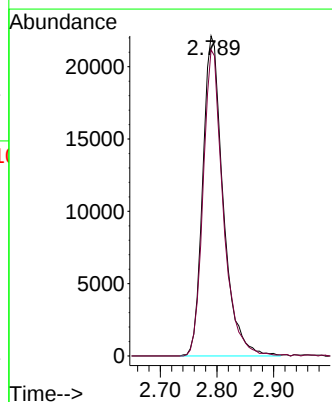
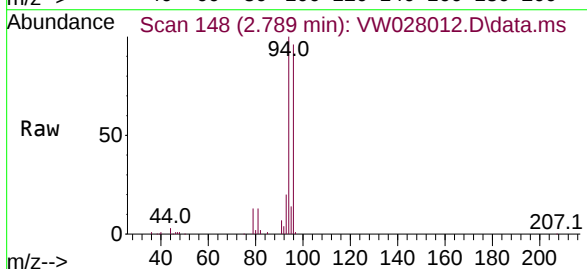
Instrument :
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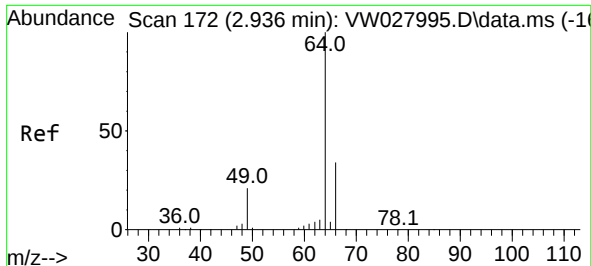
Tgt Ion: 62 Resp: 70768
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.6



#6
 Bromomethane
 Concen: 23.431 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028012.D
 Acq: 14 Feb 2024 17:27

Tgt Ion: 94 Resp: 55310
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.3 121.3

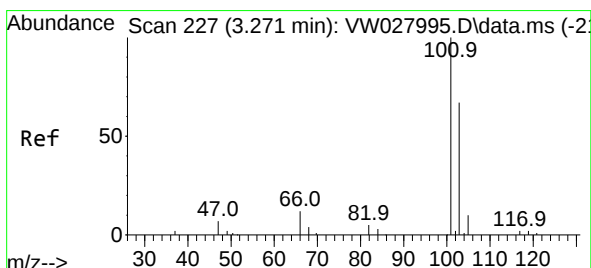
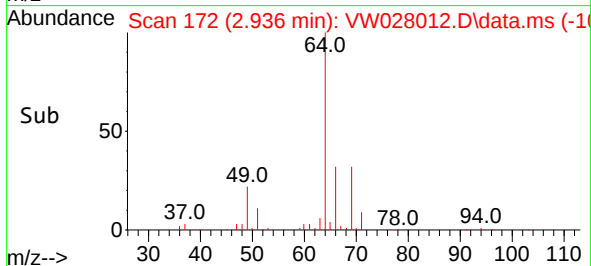
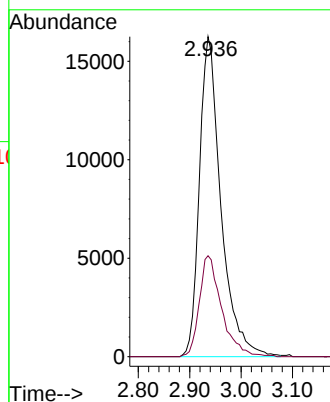
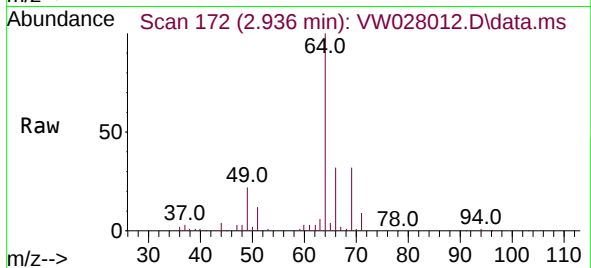




#8
Chloroethane
Concen: 25.073 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

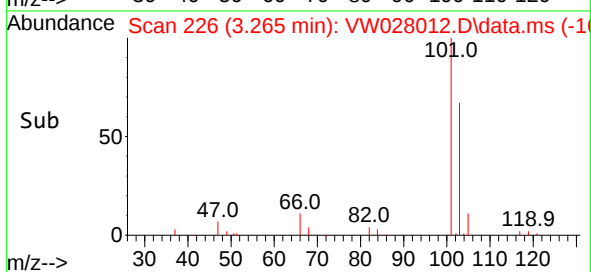
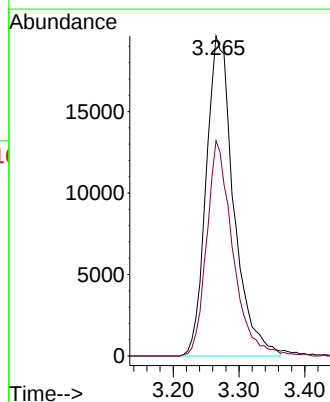
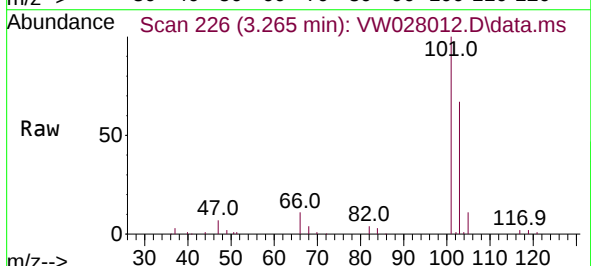
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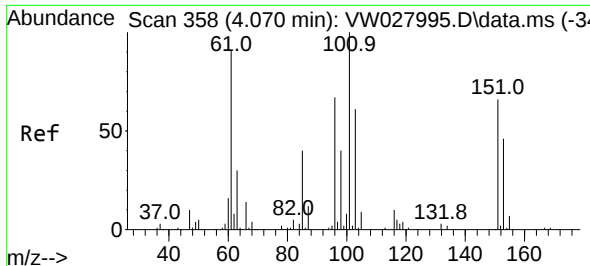
Tgt Ion: 64 Resp: 47328
Ion Ratio Lower Upper
64 100
66 31.6 20.9 38.7



#9
Trichlorofluoromethane
Concen: 18.751 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion:101 Resp: 56931
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

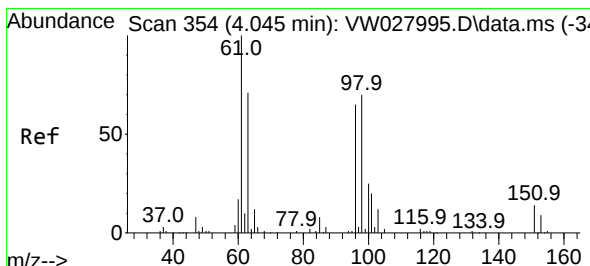
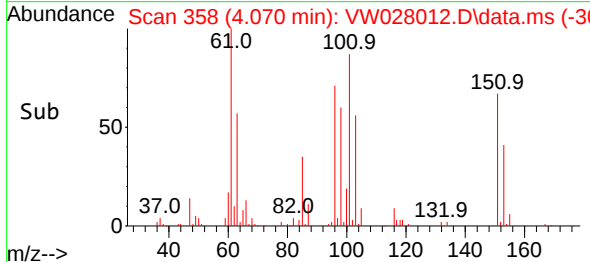
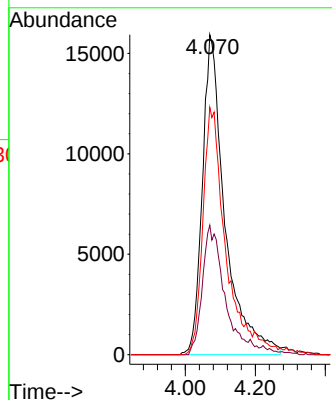
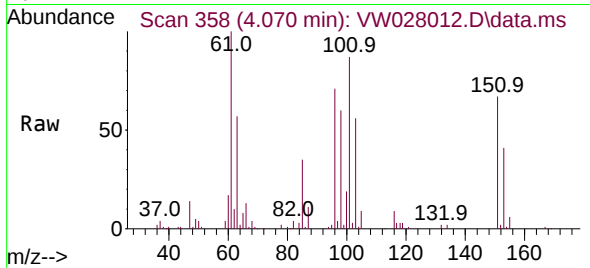




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.351 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW028012.D
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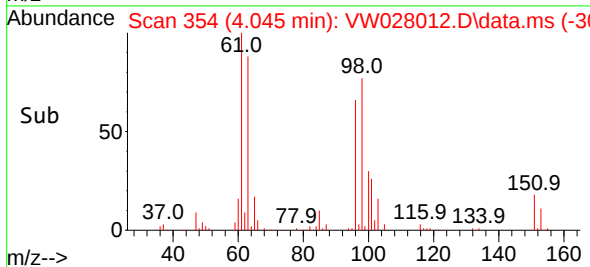
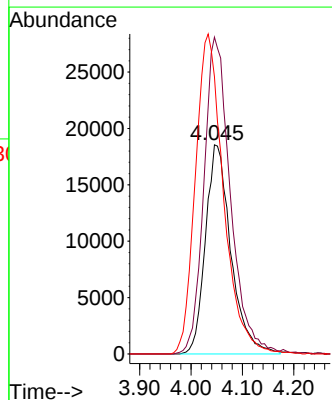
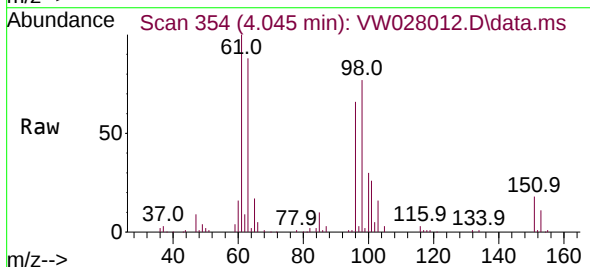
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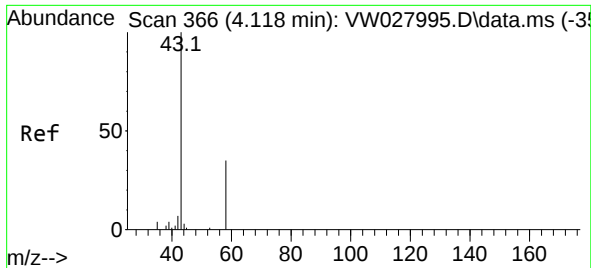
Tgt Ion:101 Resp: 71464
 Ion Ratio Lower Upper
 101 100
 85 17.9 33.8 50.6#
 151 72.0 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 22.401 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028012.D
 Acq: 14 Feb 2024 17:27

Tgt Ion: 96 Resp: 63776
 Ion Ratio Lower Upper
 96 100
 61 151.5 107.4 199.4
 63 132.7 86.0 159.6





#13

Acetone

Concen: 51.332 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

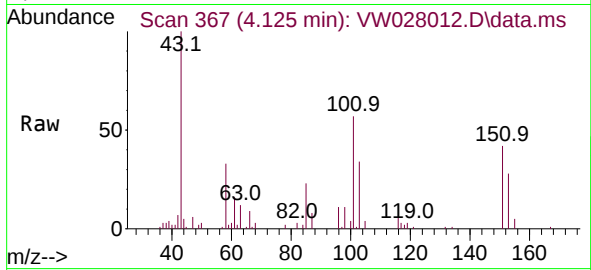
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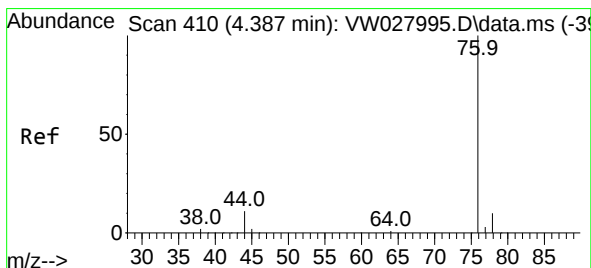
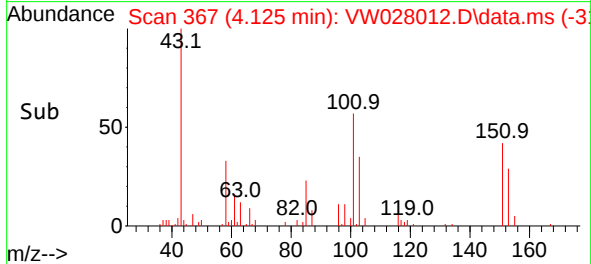
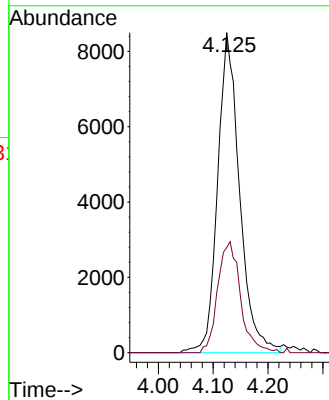


Tgt Ion: 43 Resp: 23675

Ion Ratio Lower Upper

43 100

58 35.8 0.0 66.0



#14

Carbon disulfide

Concen: 19.969 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.012 min

Lab File: VW028012.D

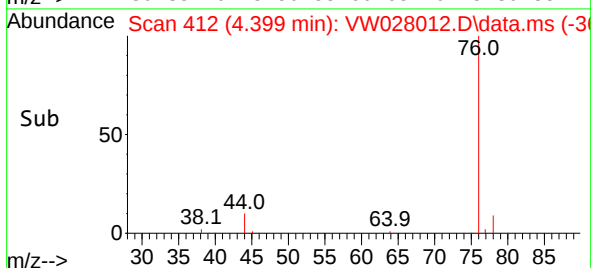
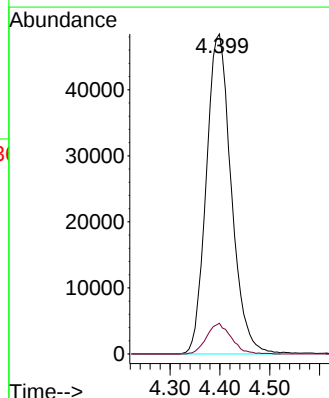
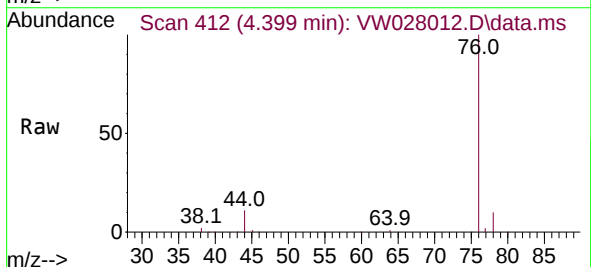
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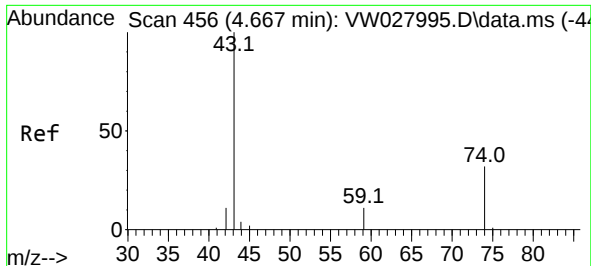
Tgt Ion: 76 Resp: 168311

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

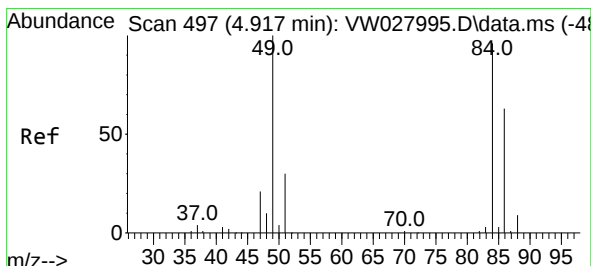
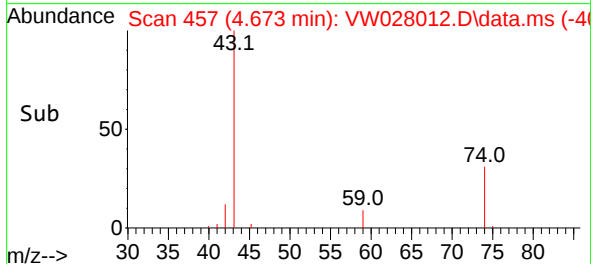
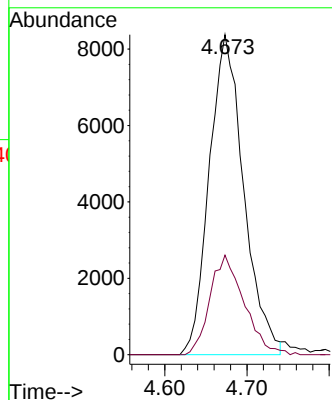
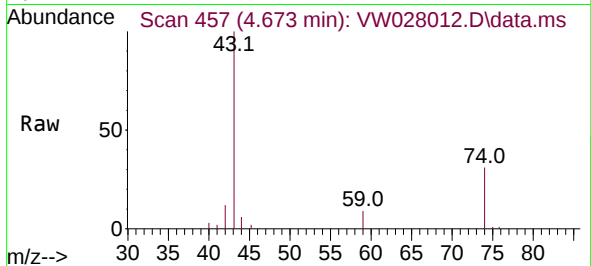




#15
Methyl Acetate
Concen: 31.736 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

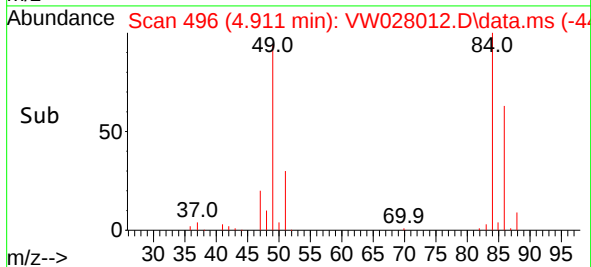
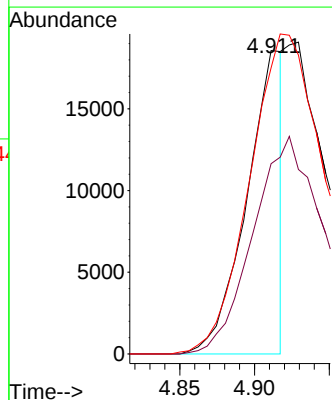
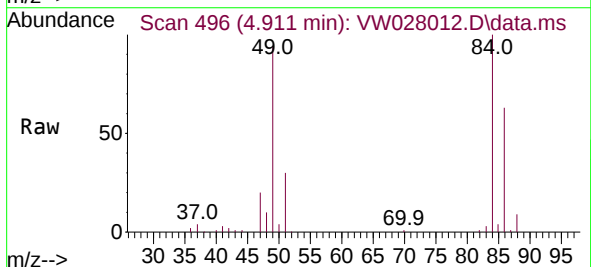
Instrument :
MSVOA_W
ClientSampleId :

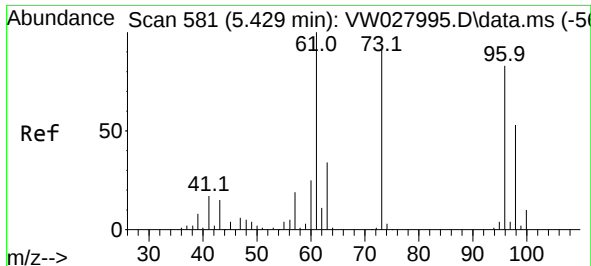
Tgt Ion: 43 Resp: 24367
Ion Ratio Lower Upper
43 100
74 30.7 24.2 36.2



#16
Methylene chloride
Concen: 9.568 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 84 Resp: 31169
Ion Ratio Lower Upper
84 100
86 62.7 45.4 84.4
49 94.3 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 23.440 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

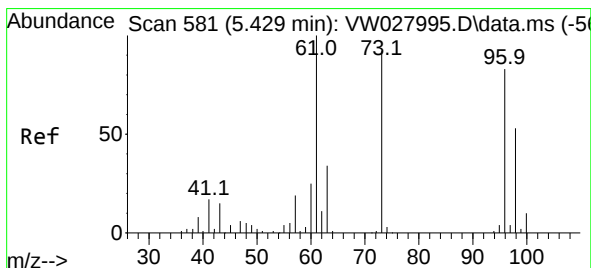
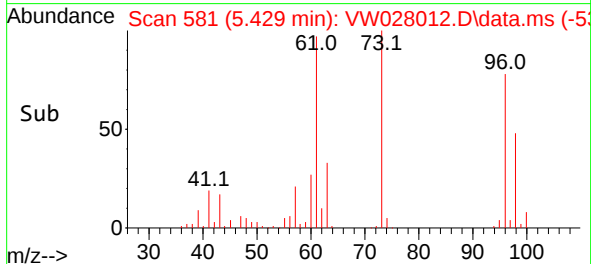
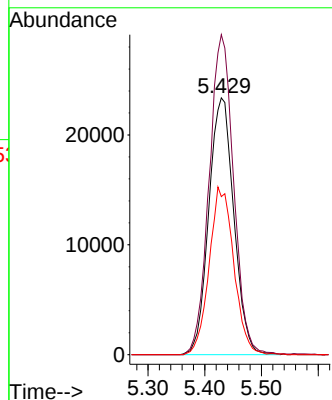
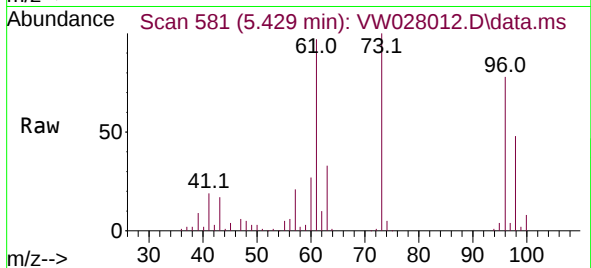
Tgt Ion: 96 Resp: 71696

Ion Ratio Lower Upper

96 100

61 124.6 80.1 148.7

98 61.6 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 29.172 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

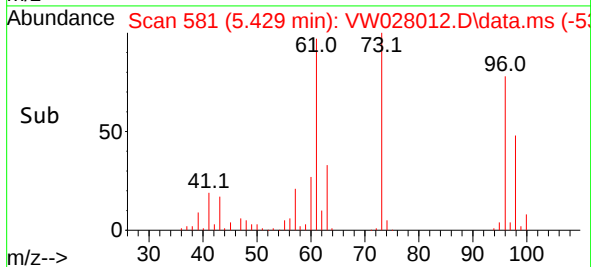
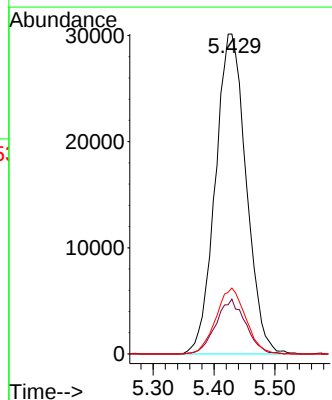
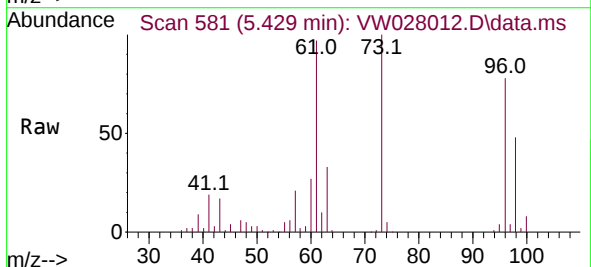
Tgt Ion: 73 Resp: 105781

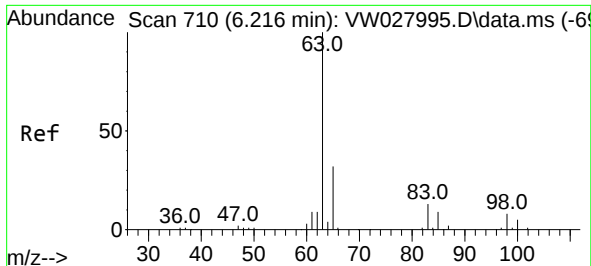
Ion Ratio Lower Upper

73 100

43 16.4 13.4 20.0

57 19.9 16.3 24.5

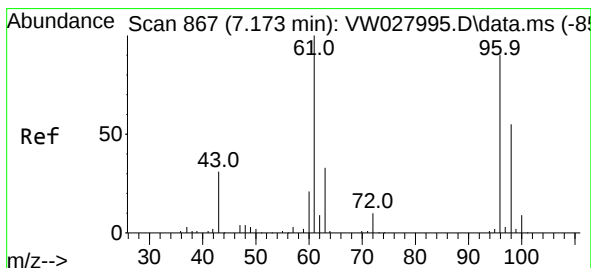
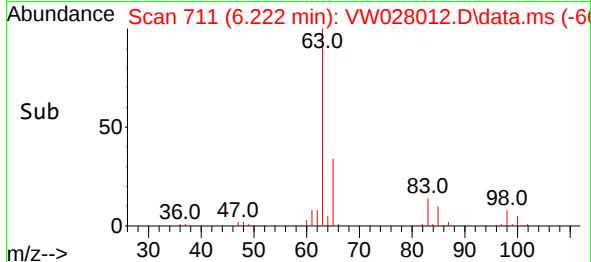
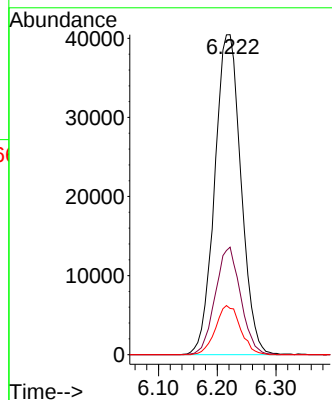
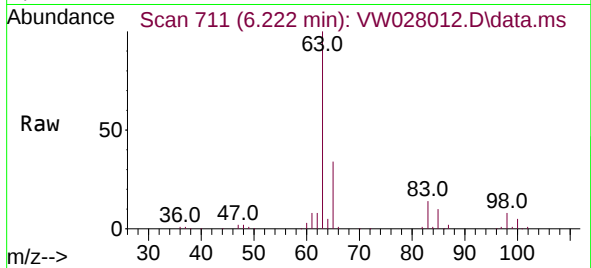




#19
1,1-Dichloroethane
Concen: 25.346 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

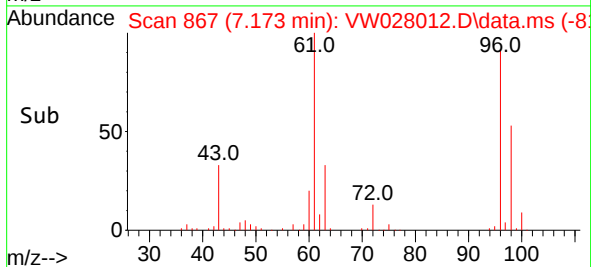
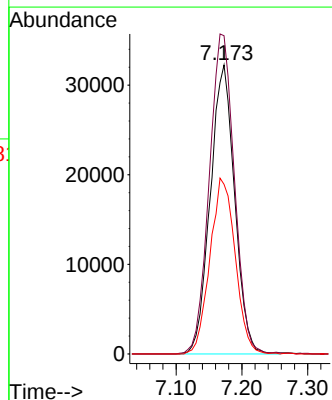
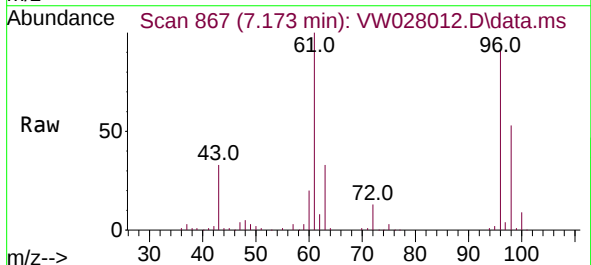
Instrument :
MSVOA_W
ClientSampleId :

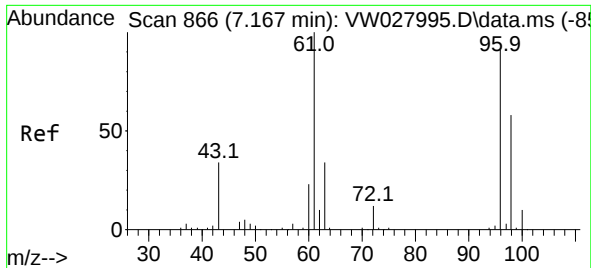
Tgt Ion: 63 Resp: 125944
Ion Ratio Lower Upper
63 100
65 33.6 23.1 42.9
83 14.5 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 25.759 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 96 Resp: 83201
Ion Ratio Lower Upper
96 100
61 110.1 76.3 141.7
98 58.7 42.9 79.7

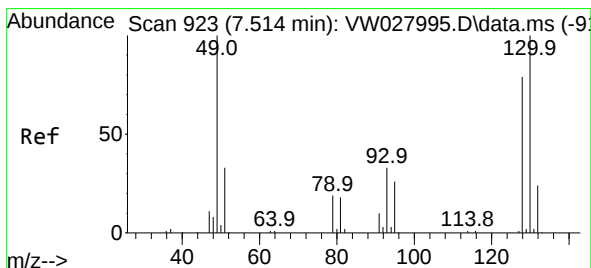
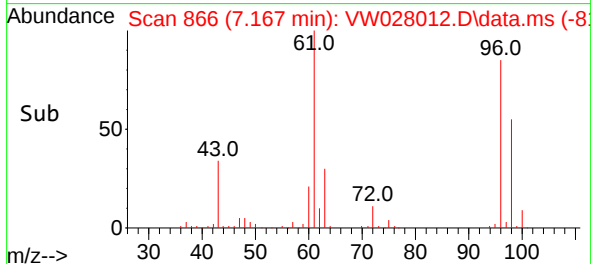
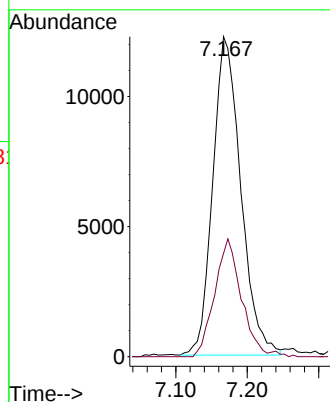
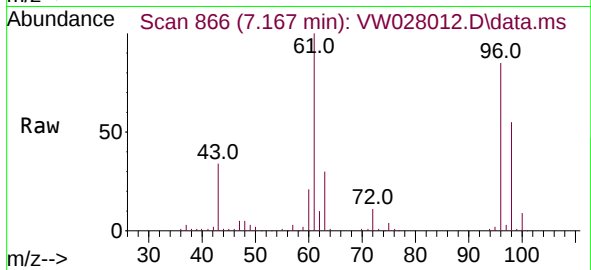




#22
2-Butanone
Concen: 62.521 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

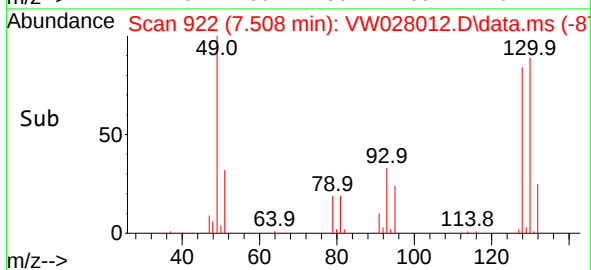
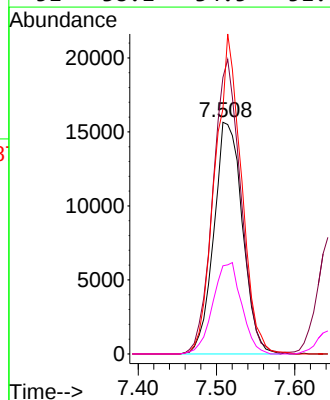
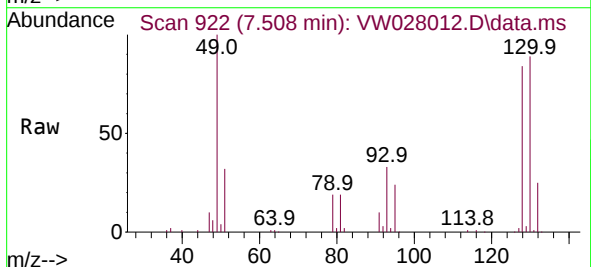
Instrument :
MSVOA_W
ClientSampleId :

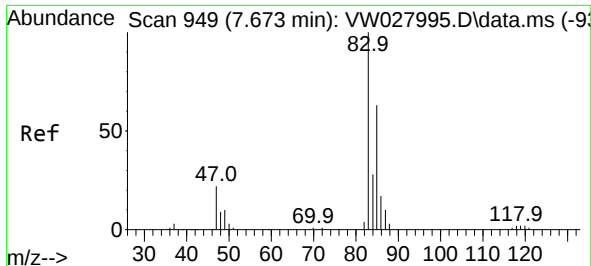
Tgt Ion: 43 Resp: 33286
Ion Ratio Lower Upper
43 100
72 34.8 17.0 50.9



#23
Bromochloromethane
Concen: 27.646 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 128 Resp: 39665
Ion Ratio Lower Upper
128 100
49 119.3 93.2 173.2
130 105.7 97.4 180.8
51 38.1 34.5 51.7

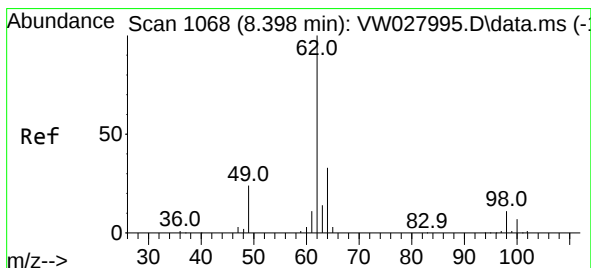
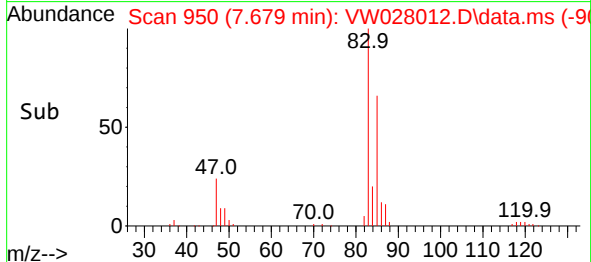
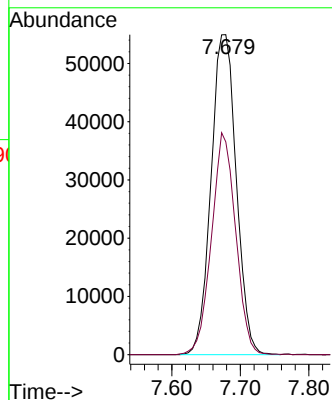
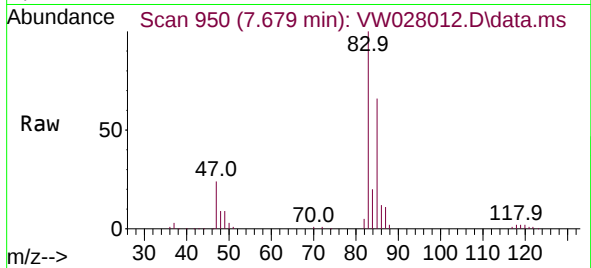




#25
Chloroform
Concen: 26.276 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

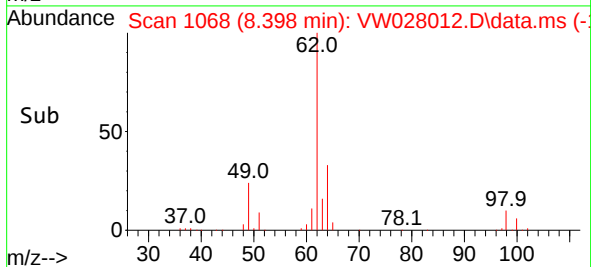
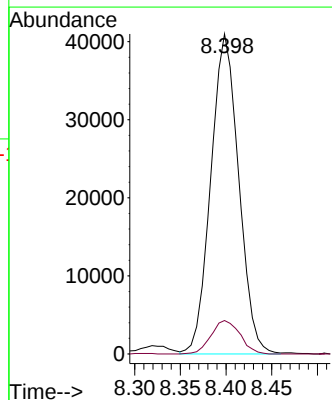
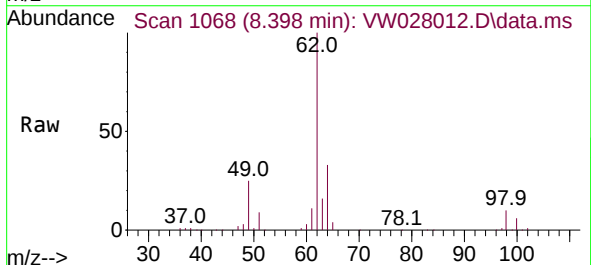
Instrument :
MSVOA_W
ClientSampleId :

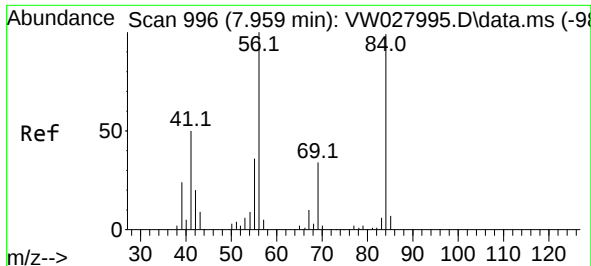
Tgt Ion: 83 Resp: 140360
Ion Ratio Lower Upper
83 100
85 66.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 29.280 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 62 Resp: 87102
Ion Ratio Lower Upper
62 100
98 10.4 9.4 14.2





#29

Cyclohexane

Concen: 21.923 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

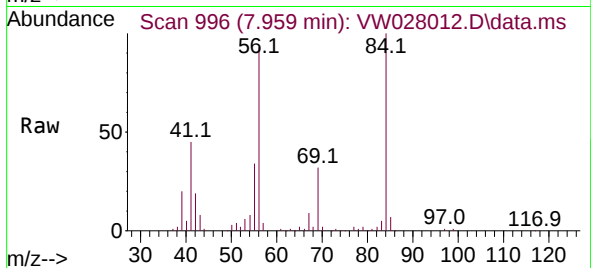
Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :



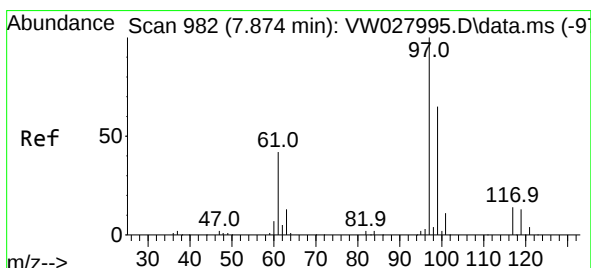
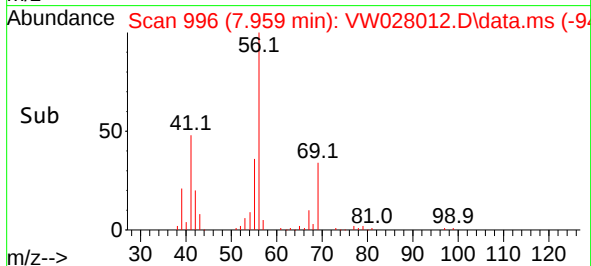
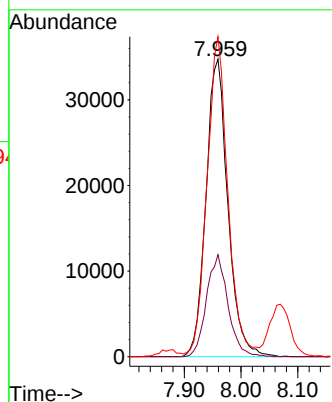
Tgt Ion: 56 Resp: 93370

Ion Ratio Lower Upper

56 100

69 33.6 26.3 39.5

84 103.0 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 24.490 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

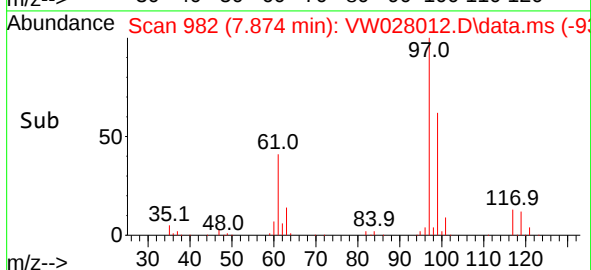
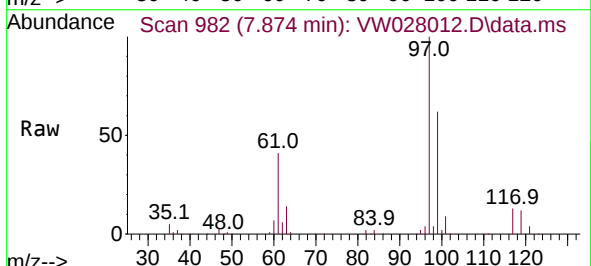
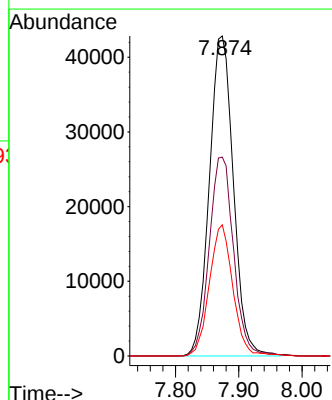
Tgt Ion: 97 Resp: 112967

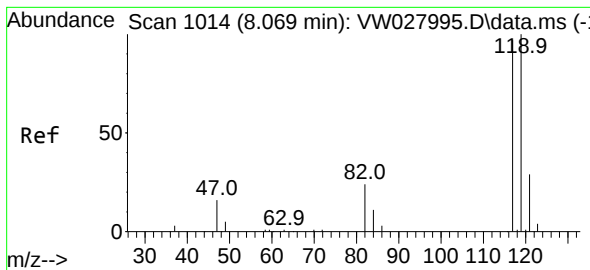
Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.0

61 39.4 32.9 49.3

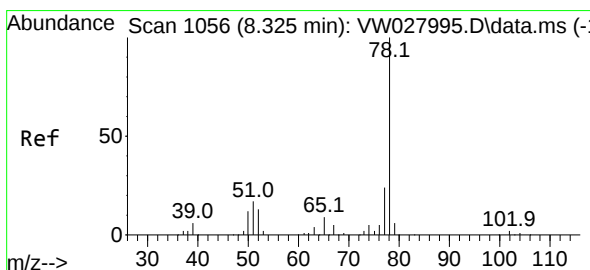
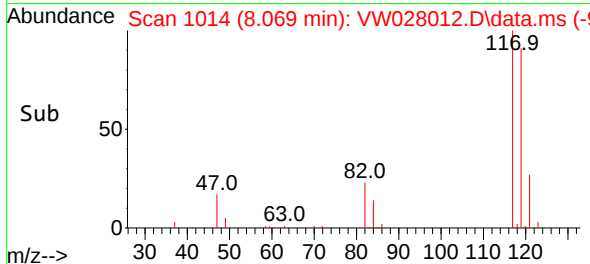
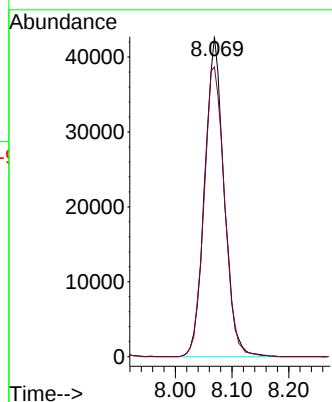
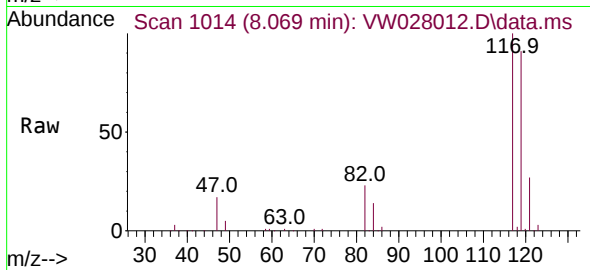




#31
Carbon tetrachloride
Concen: 23.695 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

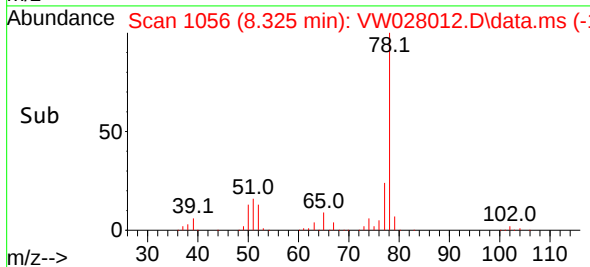
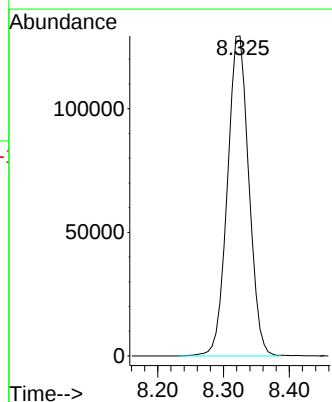
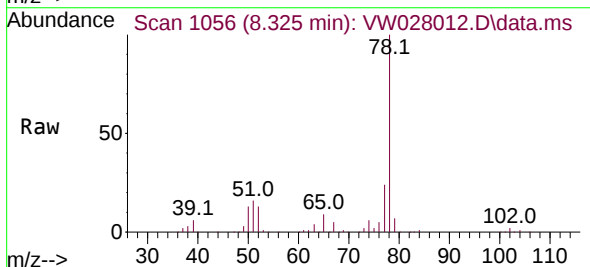
Instrument :
MSVOA_W
ClientSampleId :

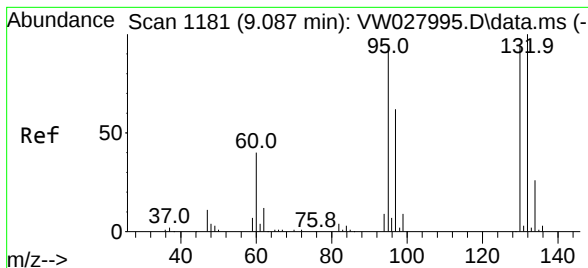
Tgt Ion:117 Resp: 101117
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7



#33
Benzene
Concen: 24.624 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 78 Resp: 293878





#34

Trichloroethene

Concen: 23.958 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 82083

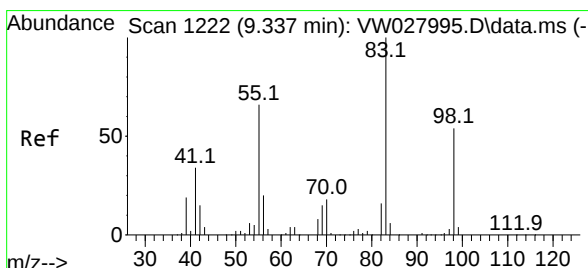
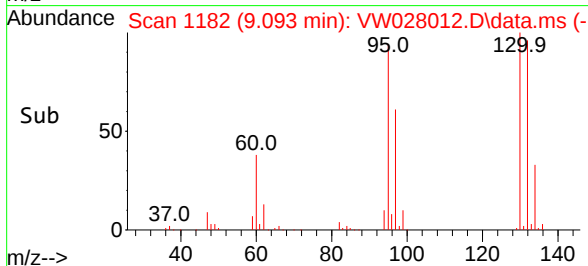
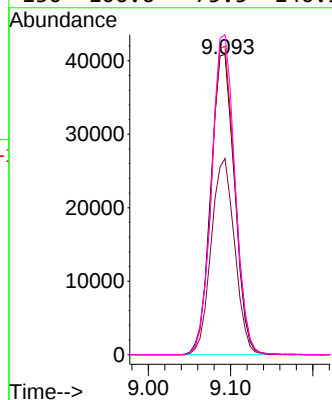
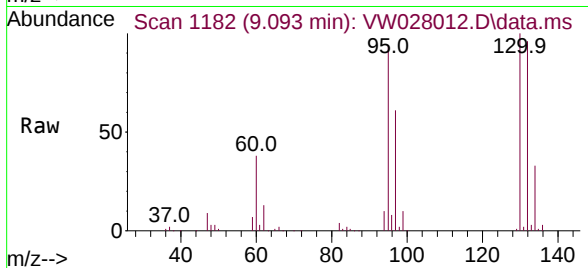
Ion Ratio Lower Upper

95 100

97 65.3 44.3 82.3

132 102.7 68.0 126.2

130 106.6 75.5 140.3



#35

Methylcyclohexane

Concen: 21.935 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

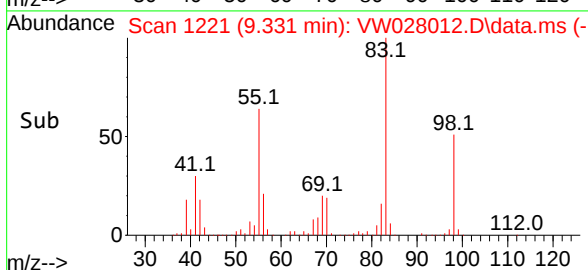
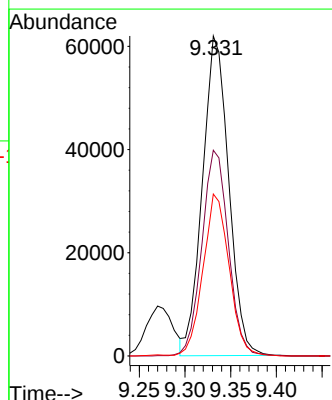
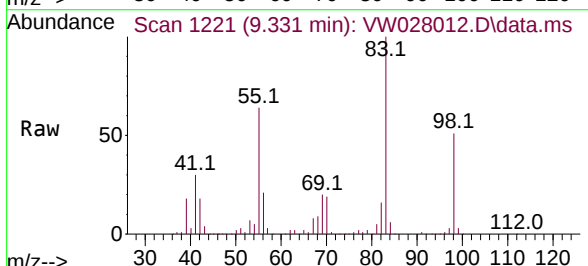
Tgt Ion: 83 Resp: 123669

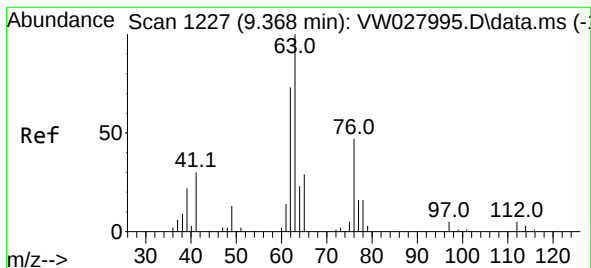
Ion Ratio Lower Upper

83 100

55 65.1 52.3 78.5

98 50.4 41.9 62.9





#37

1,2-Dichloropropane

Concen: 25.986 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

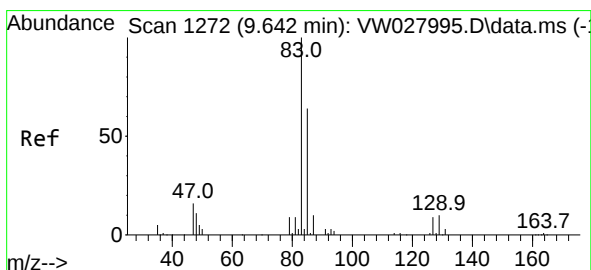
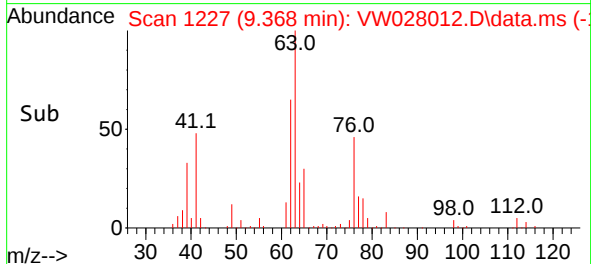
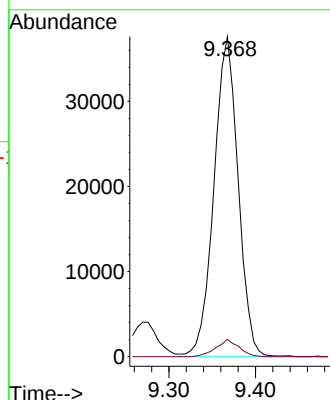
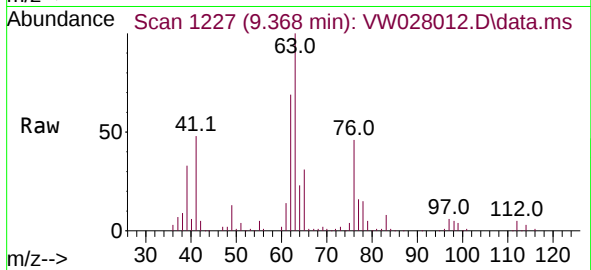
ClientSampleId :

Tgt Ion: 63 Resp: 72880

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 27.610 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

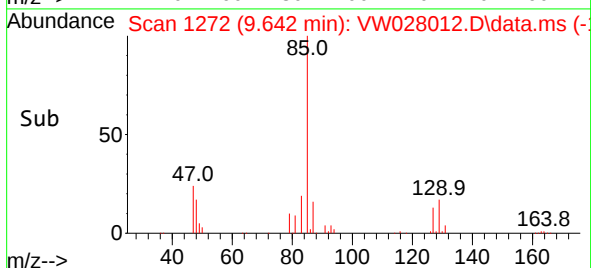
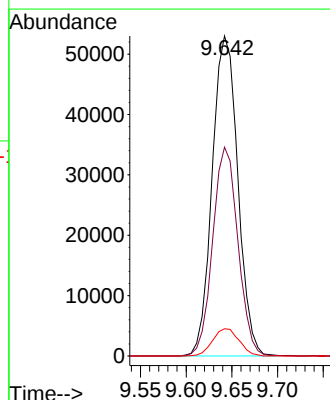
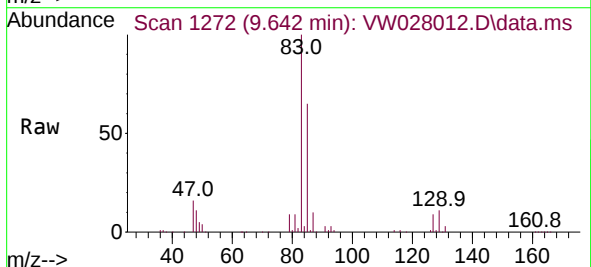
Tgt Ion: 83 Resp: 103360

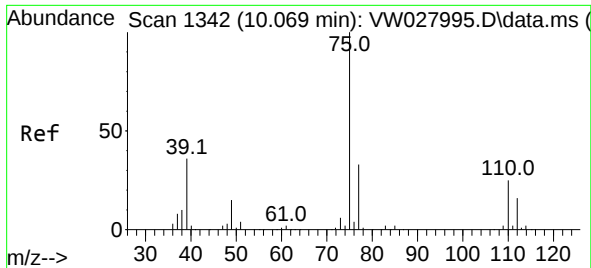
Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.435 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

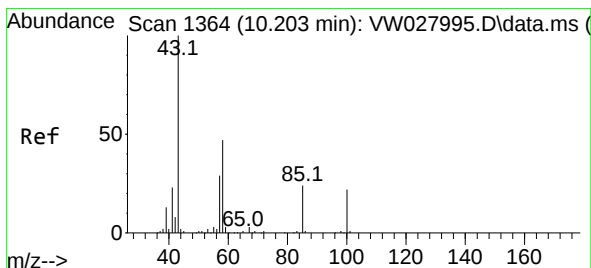
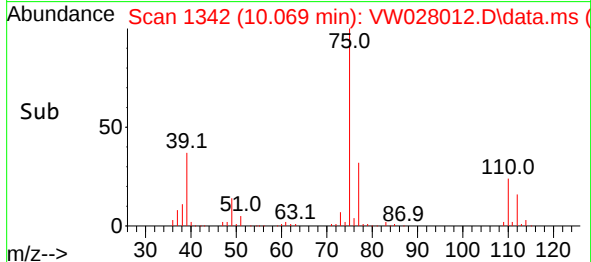
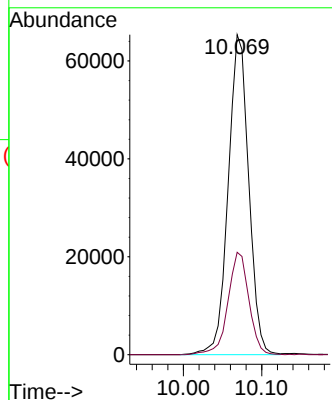
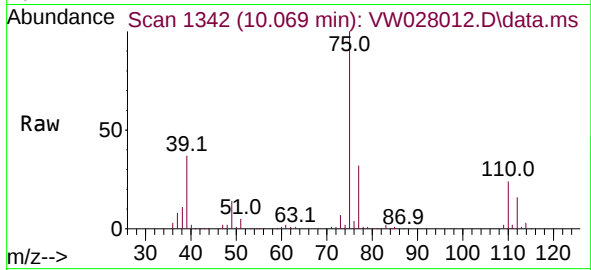
ClientSampleId :

Tgt Ion: 75 Resp: 118830

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 70.175 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

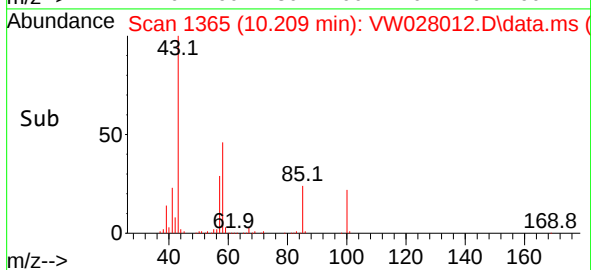
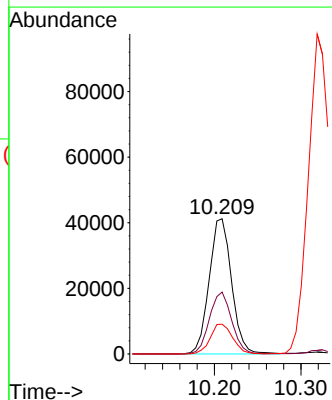
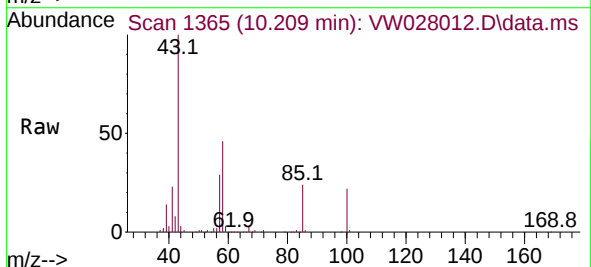
Tgt Ion: 43 Resp: 74283

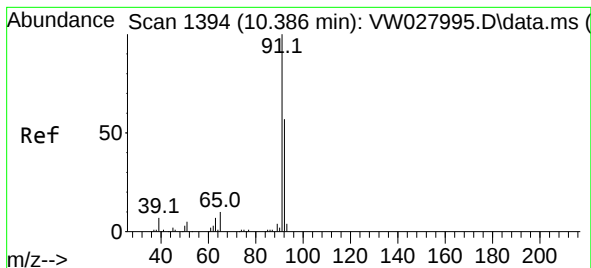
Ion Ratio Lower Upper

43 100

58 45.3 36.7 55.1

100 22.0 18.4 27.6





#42

Toluene

Concen: 24.409 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

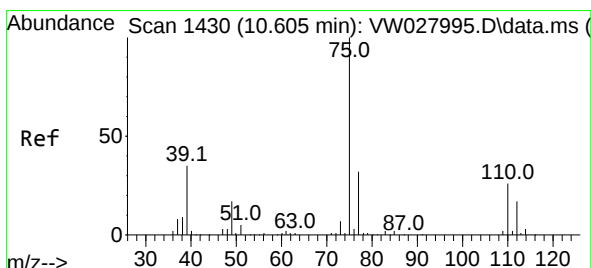
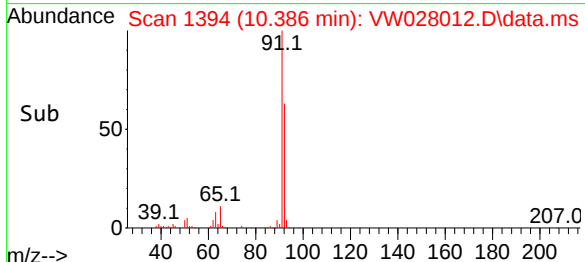
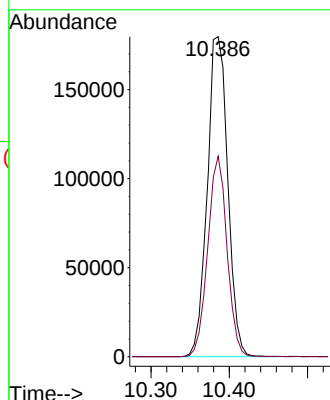
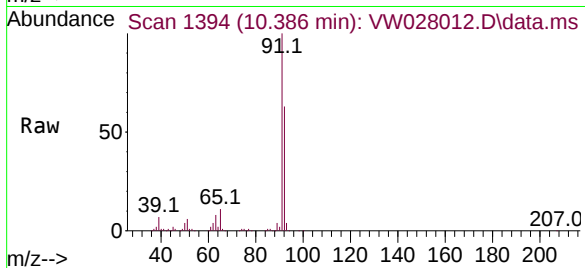
ClientSampleId :

Tgt Ion: 91 Resp: 326632

Ion Ratio Lower Upper

91 100

92 62.6 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 27.915 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028012.D

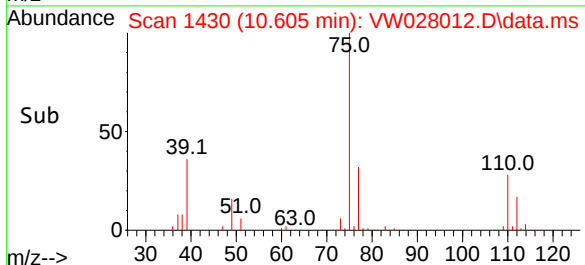
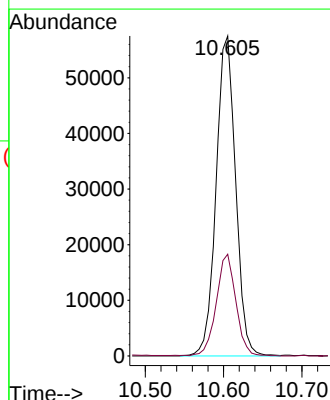
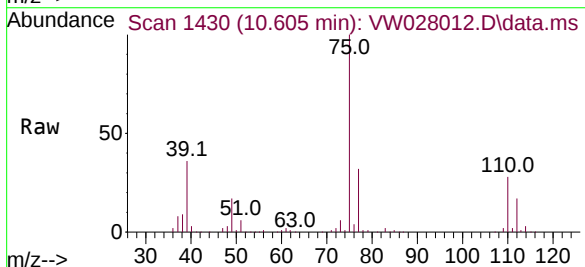
Acq: 14 Feb 2024 17:27

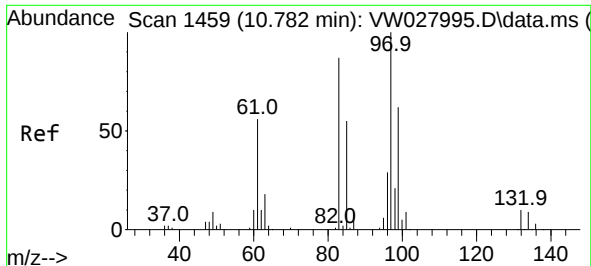
Tgt Ion: 75 Resp: 99595

Ion Ratio Lower Upper

75 100

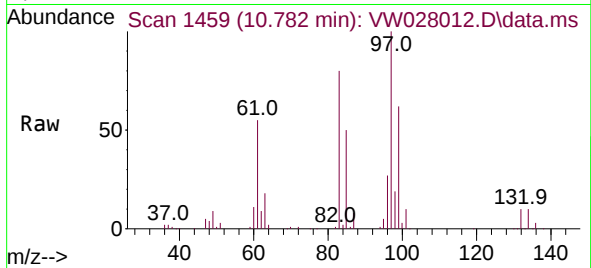
77 31.8 21.5 39.9



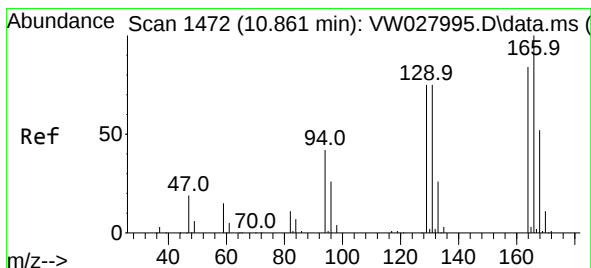
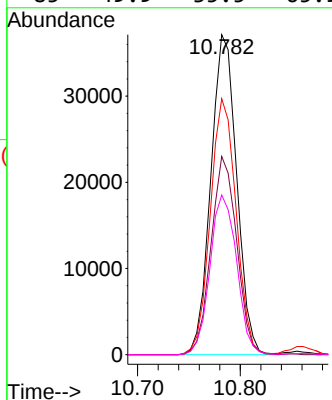
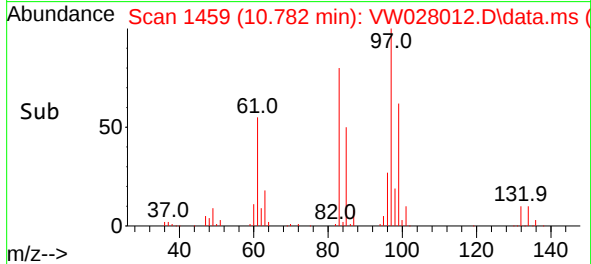


#45
1,1,2-Trichloroethane
Concen: 29.254 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

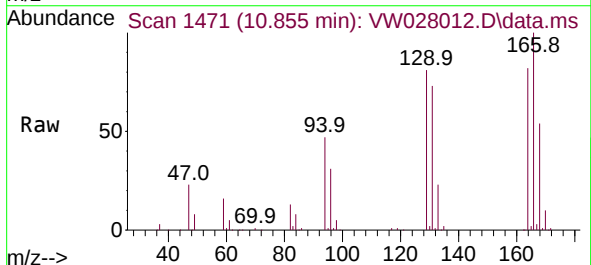
Instrument :
MSVOA_W
ClientSampleId :



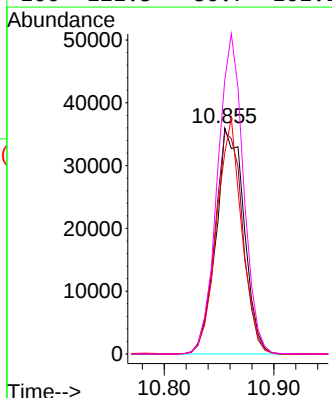
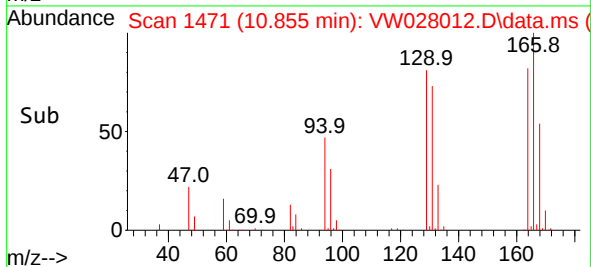
Tgt Ion:	97	Resp:	64940
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.5
83	80.0	57.2	106.2
85	49.9	35.5	65.9

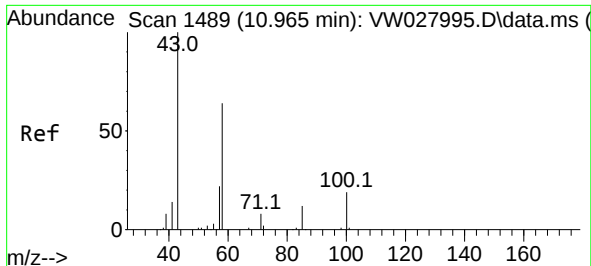


#46
Tetrachloroethene
Concen: 22.146 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27



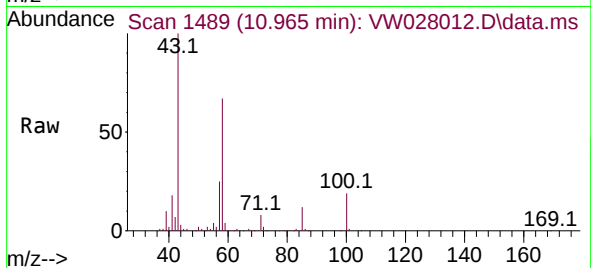
Tgt Ion:	164	Resp:	63844
Ion	Ratio	Lower	Upper
164	100		
129	98.3	59.4	110.2
131	88.8	65.0	120.6
166	121.3	86.7	161.1



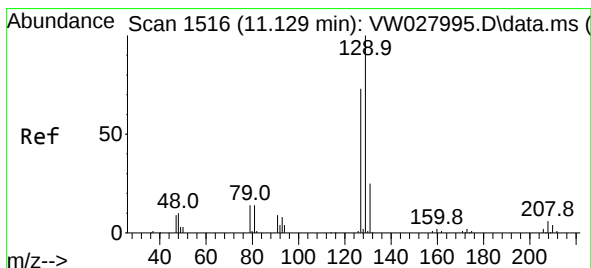
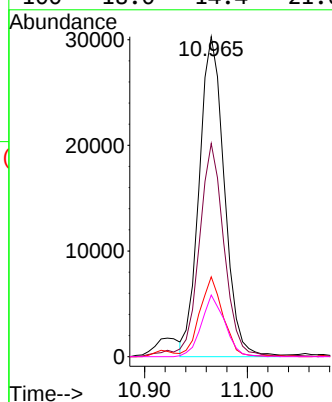
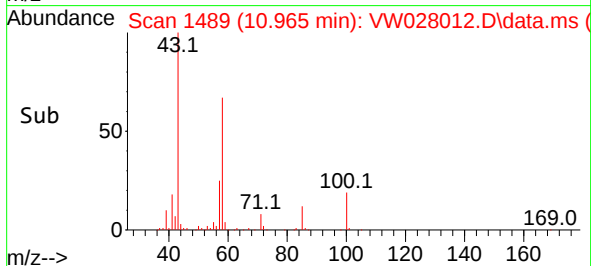


#48
2-Hexanone
Concen: 64.292 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Instrument :
MSVOA_W
ClientSampleId :

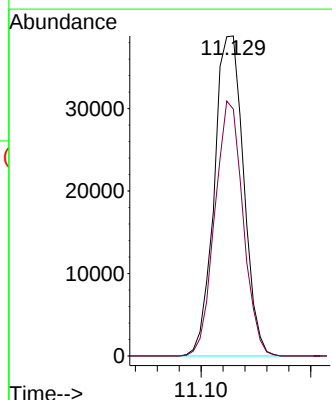
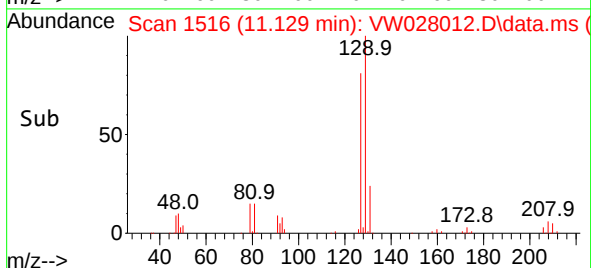
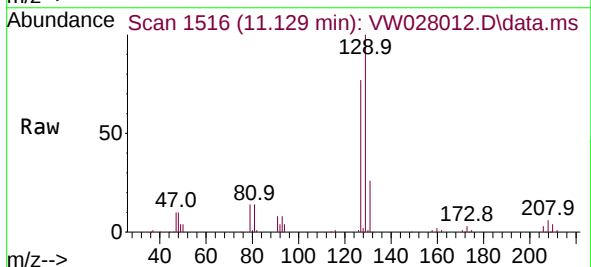


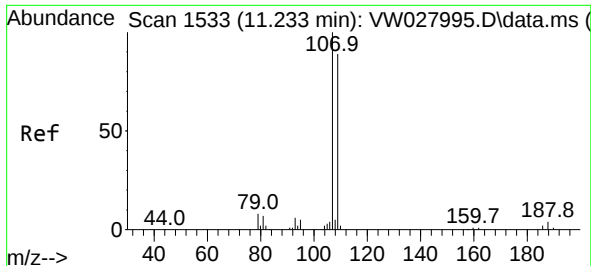
Tgt Ion: 43 Resp: 51547
Ion Ratio Lower Upper
43 100
58 65.3 51.4 77.2
57 22.6 17.4 26.2
100 18.0 14.4 21.6



#49
Dibromochloromethane
Concen: 28.522 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 129 Resp: 72183
Ion Ratio Lower Upper
129 100
127 77.2 49.6 92.0

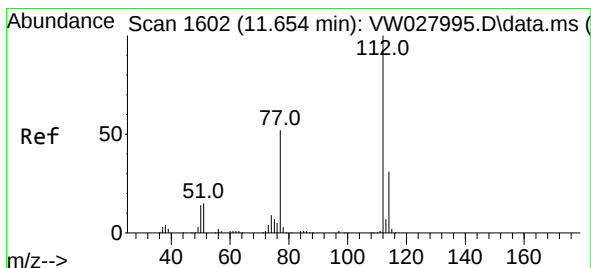
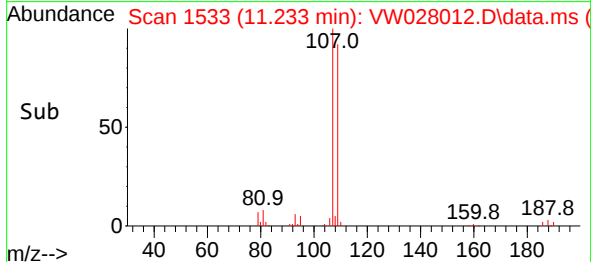
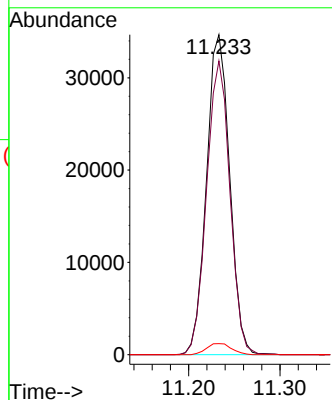
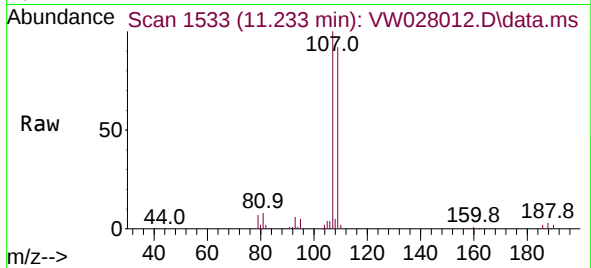




#50
1,2-Dibromoethane
Concen: 29.480 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

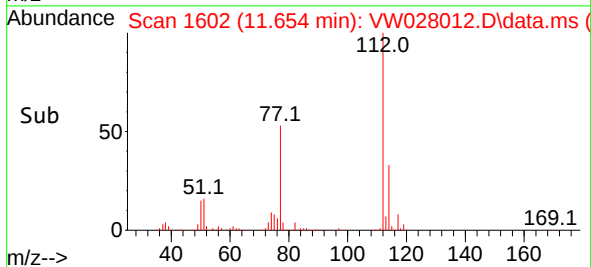
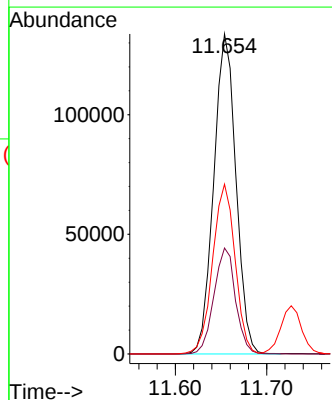
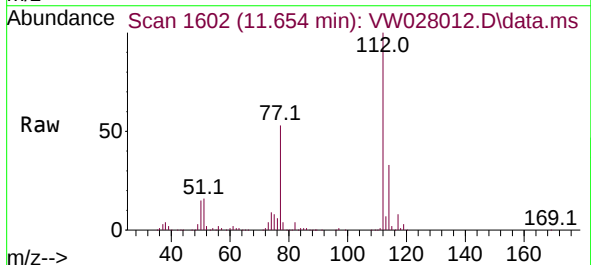
Instrument :
MSVOA_W
ClientSampleId :

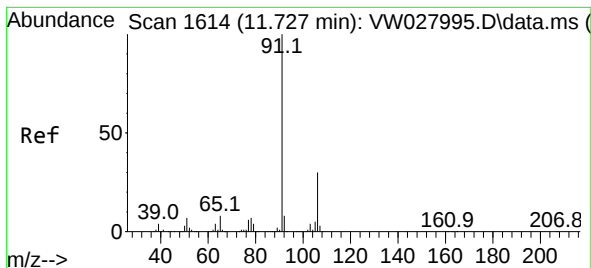
Tgt Ion:107 Resp: 61083
Ion Ratio Lower Upper
107 100
109 91.8 71.2 132.2
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 25.351 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion:112 Resp: 225624
Ion Ratio Lower Upper
112 100
114 33.1 22.7 42.3
77 53.1 42.6 64.0

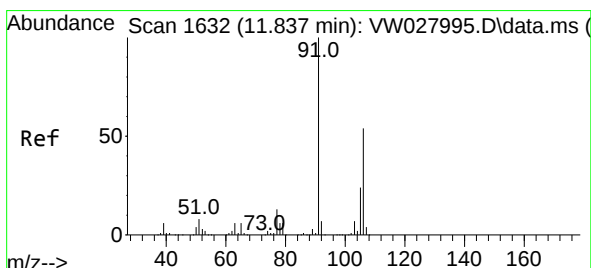
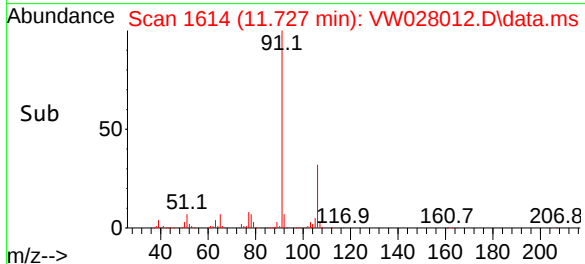
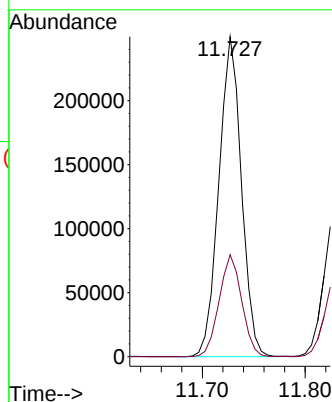
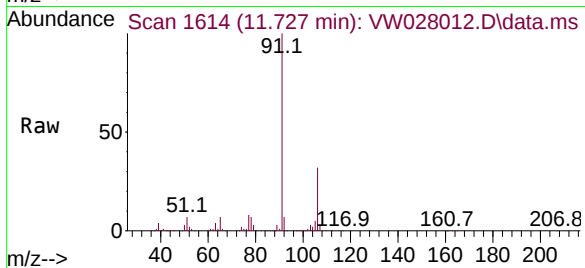




#52
Ethylbenzene
Concen: 25.204 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

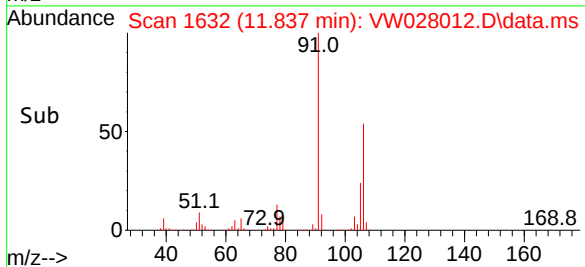
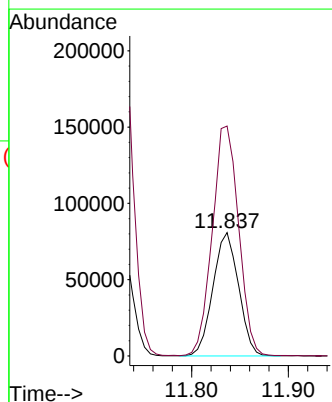
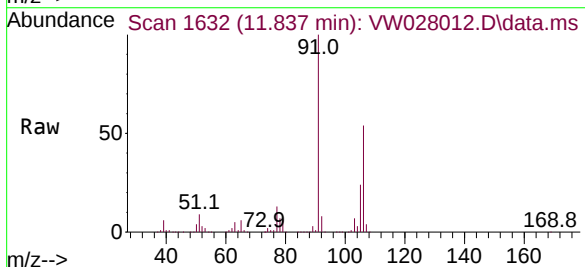
Instrument :
MSVOA_W
ClientSampleId :

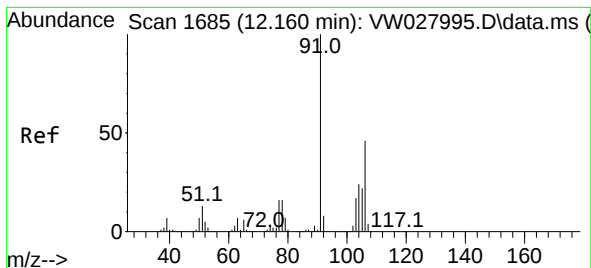
Tgt Ion: 91 Resp: 380253
Ion Ratio Lower Upper
91 100
106 31.9 22.8 42.4



#53
m,p-Xylene
Concen: 25.121 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion: 106 Resp: 148638
Ion Ratio Lower Upper
106 100
91 186.5 130.0 241.4





#54

o-Xylene

Concen: 26.192 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

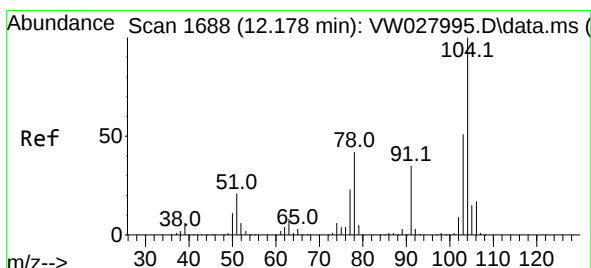
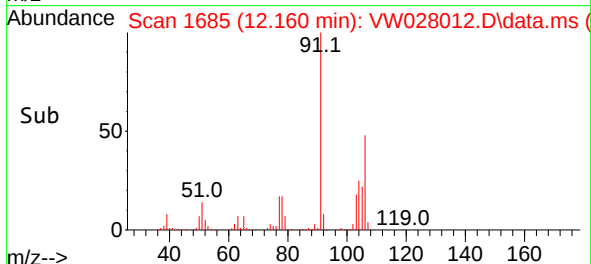
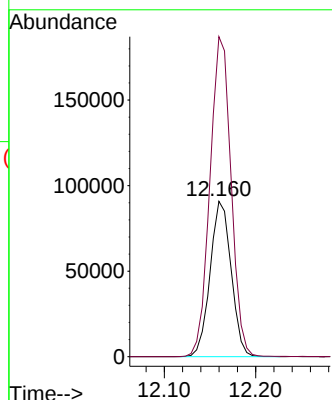
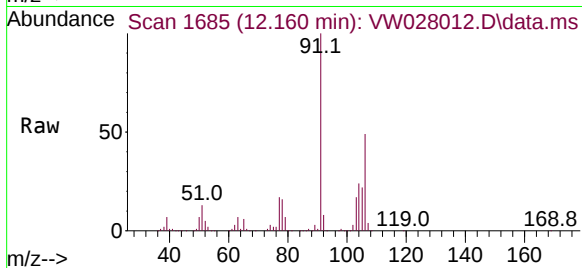
ClientSampleId :

Tgt Ion:106 Resp: 145347

Ion Ratio Lower Upper

106 100

91 205.9 146.4 272.0



#55

Styrene

Concen: 25.872 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028012.D

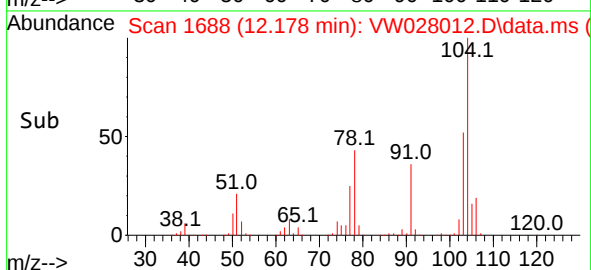
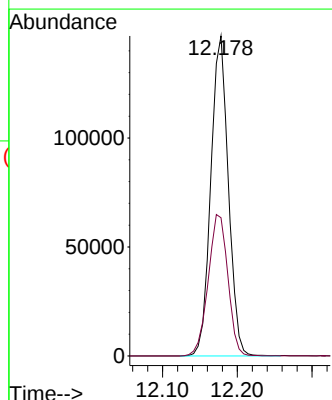
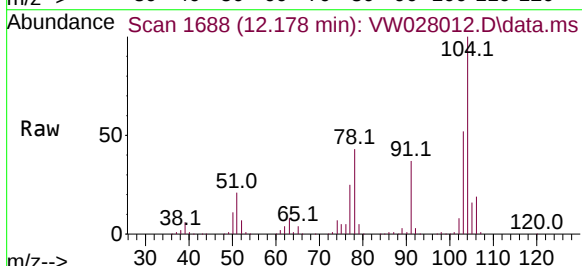
Acq: 14 Feb 2024 17:27

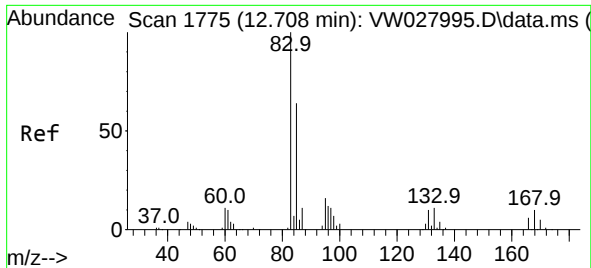
Tgt Ion:104 Resp: 239135

Ion Ratio Lower Upper

104 100

78 43.2 28.3 52.7

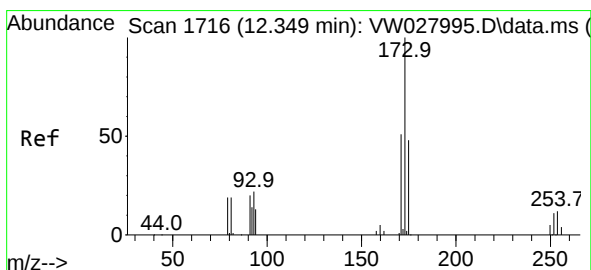
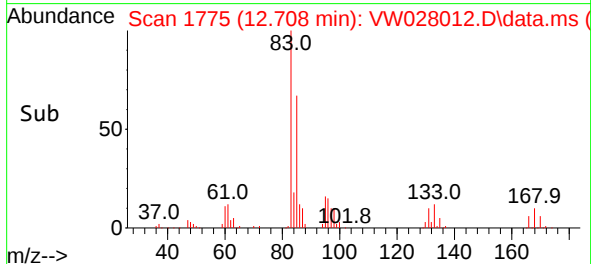
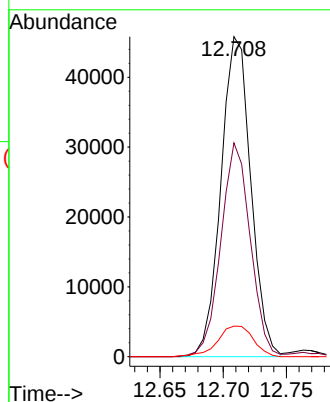
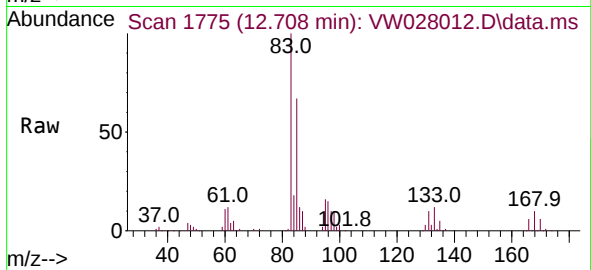




#57
1,1,2-Tetrachloroethane
Concen: 31.650 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

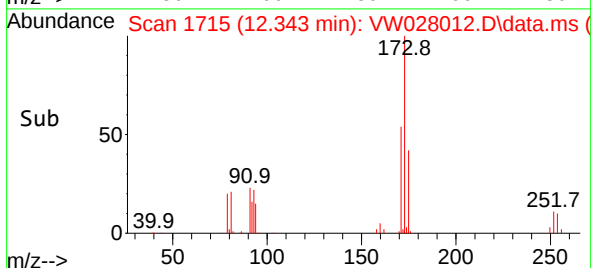
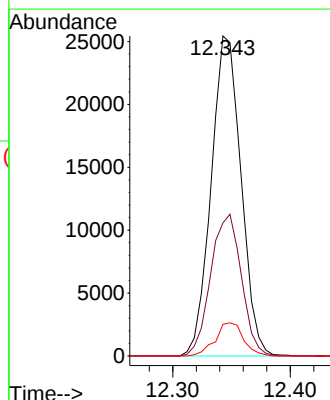
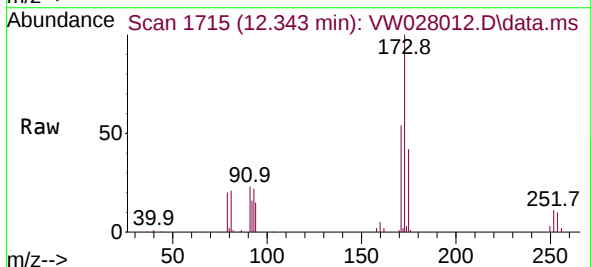
Instrument :
MSVOA_W
ClientSampleId :

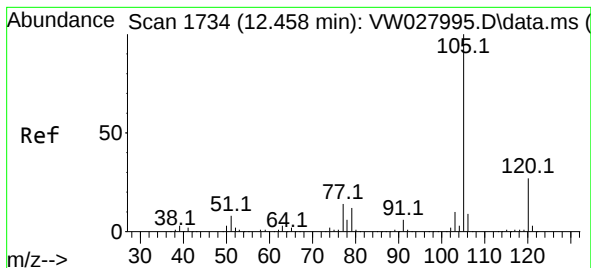
Tgt Ion: 83 Resp: 75237
Ion Ratio Lower Upper
83 100
85 66.8 42.9 79.7
131 9.6 8.7 13.1



#59
Bromoform
Concen: 29.802 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion:173 Resp: 44925
Ion Ratio Lower Upper
173 100
175 45.4 37.8 56.8
254 9.8 8.4 12.6





#60

Isopropylbenzene

Concen: 24.331 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

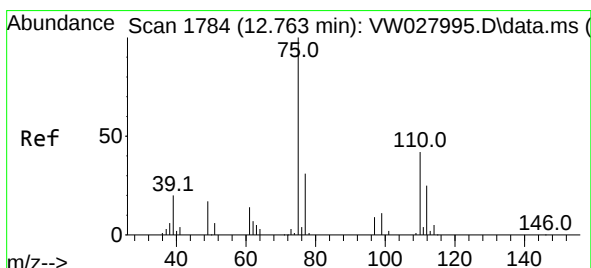
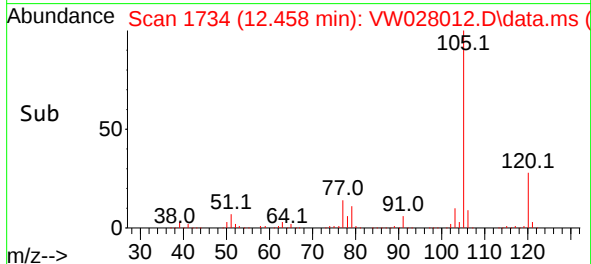
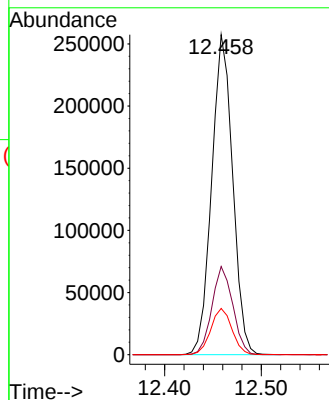
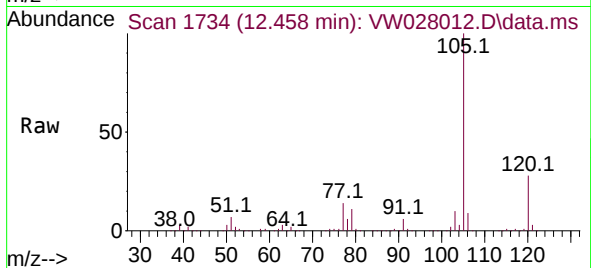
Tgt Ion:105 Resp: 387995

Ion Ratio Lower Upper

105 100

120 27.4 22.2 33.2

77 14.6 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 30.291 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

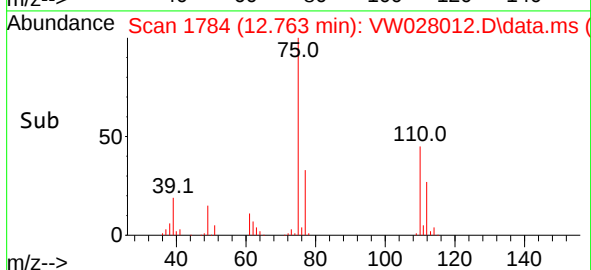
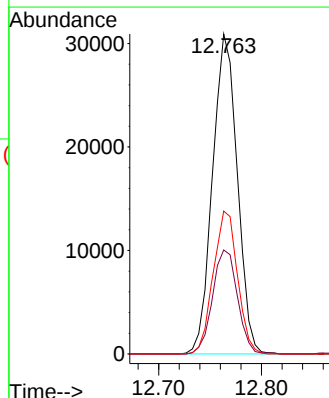
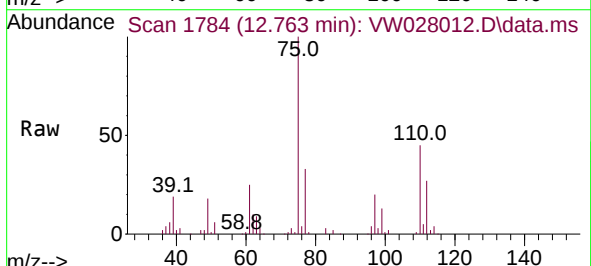
Tgt Ion: 75 Resp: 51629

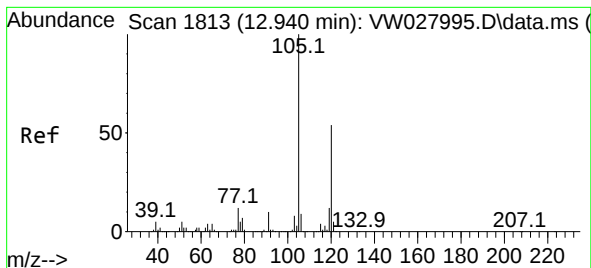
Ion Ratio Lower Upper

75 100

77 32.6 26.5 39.7

110 43.8 35.8 53.8





#62

1,3,5-Trimethylbenzene

Concen: 25.699 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

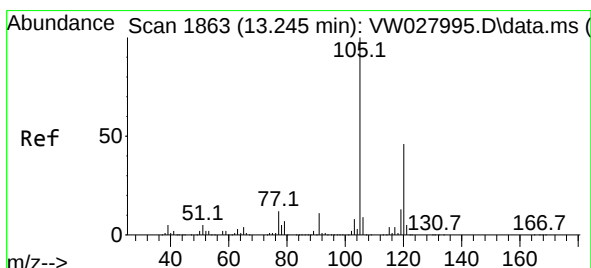
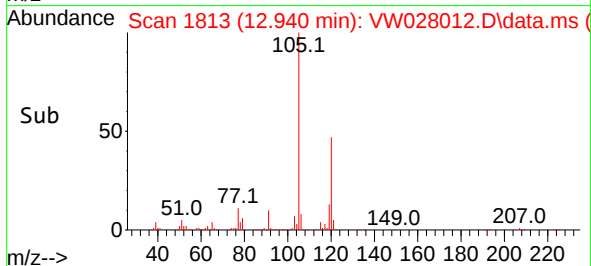
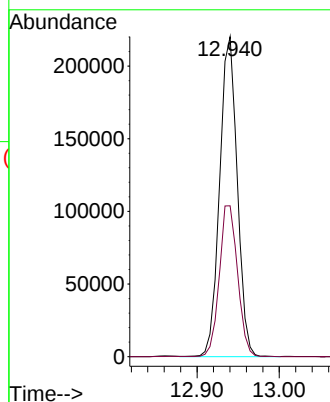
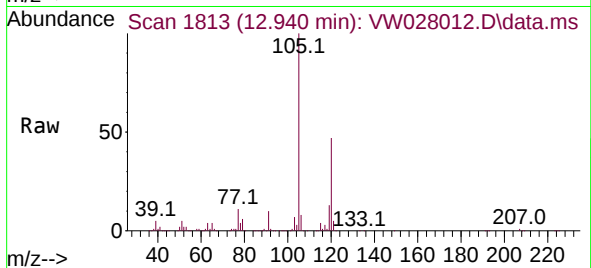
ClientSampleId :

Tgt Ion:105 Resp: 327943

Ion Ratio Lower Upper

105 100

120 48.9 40.3 60.5



#63

1,2,4-Trimethylbenzene

Concen: 25.392 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028012.D

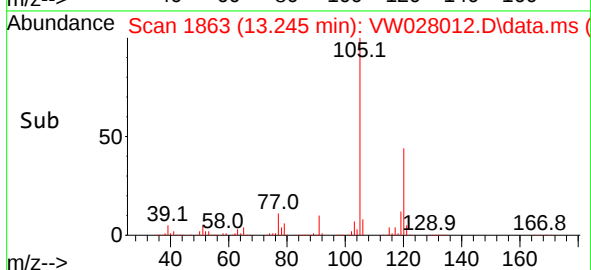
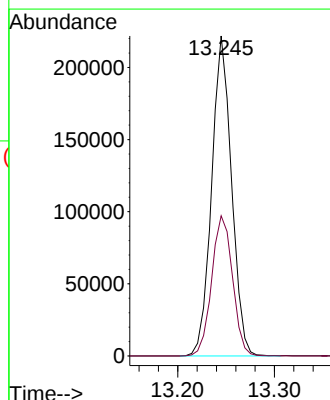
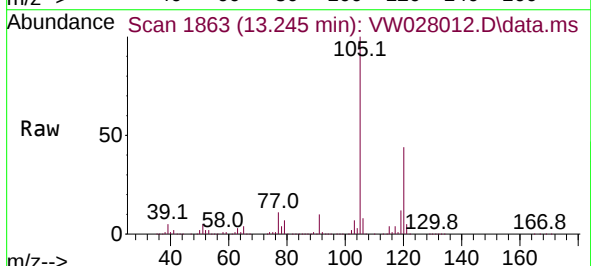
Acq: 14 Feb 2024 17:27

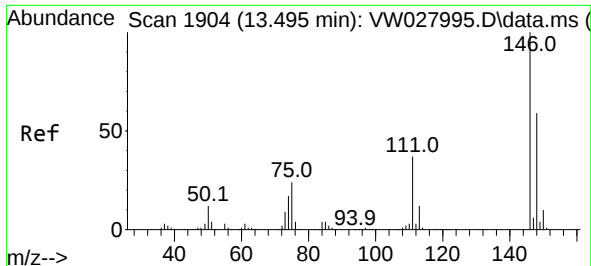
Tgt Ion:105 Resp: 317078

Ion Ratio Lower Upper

105 100

120 45.9 36.4 54.6

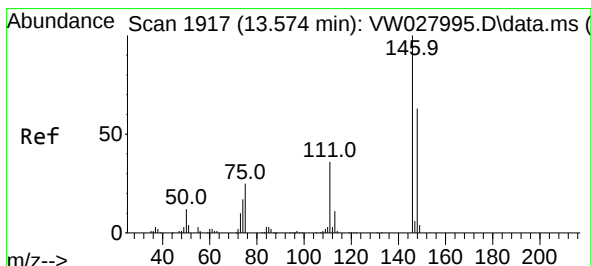
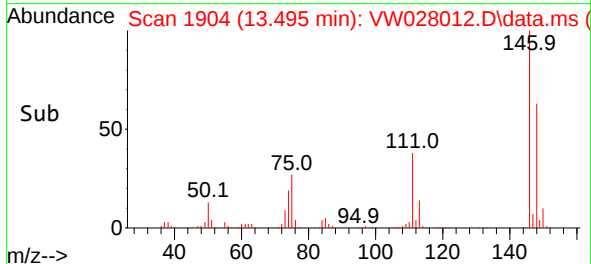
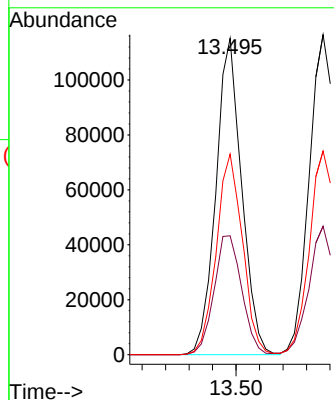
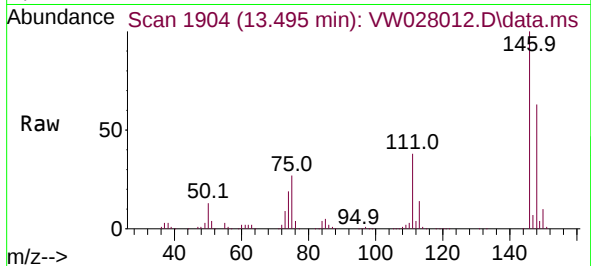




#64
1,3-Dichlorobenzene
Concen: 23.958 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

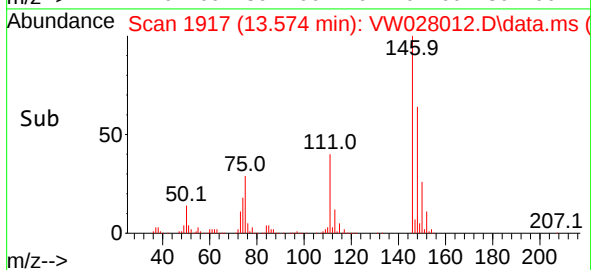
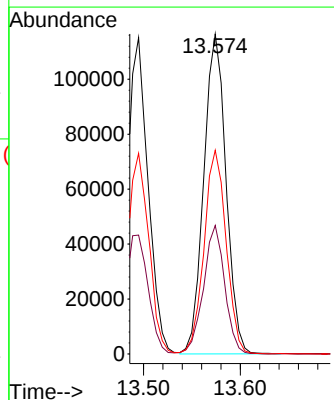
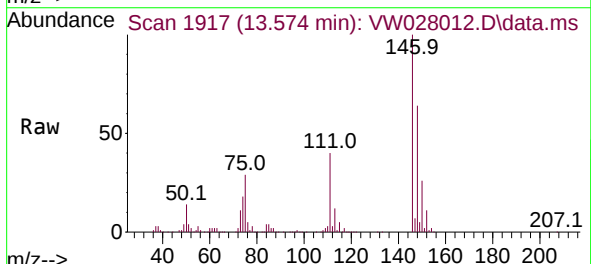
Instrument :
MSVOA_W
ClientSampleId :

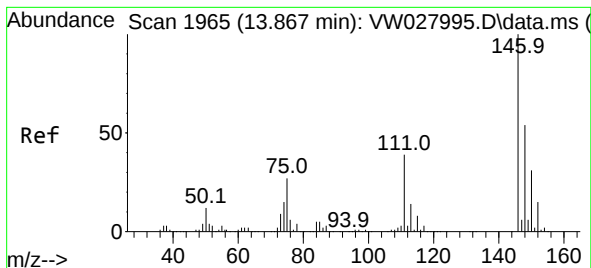
Tgt Ion:146 Resp: 175500
Ion Ratio Lower Upper
146 100
111 37.6 26.9 49.9
148 63.4 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 25.030 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion:146 Resp: 186426
Ion Ratio Lower Upper
146 100
111 40.2 24.1 44.8
148 63.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.722 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :

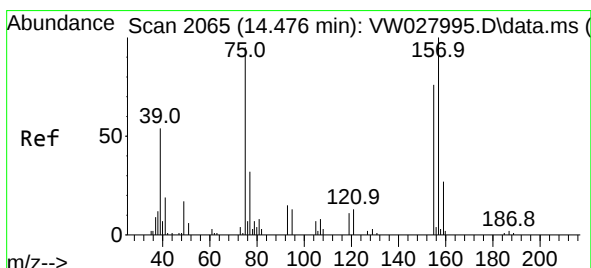
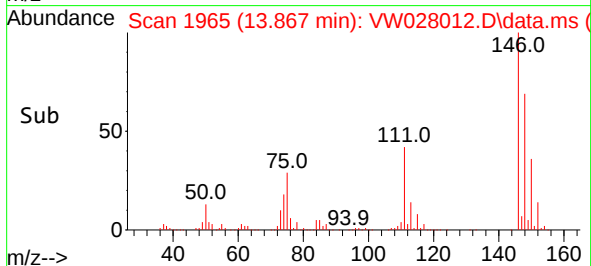
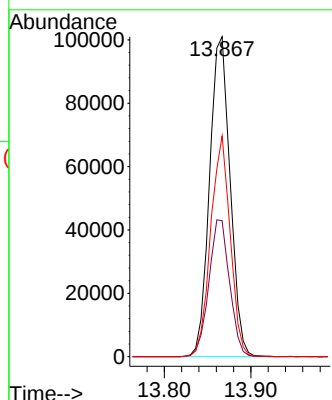
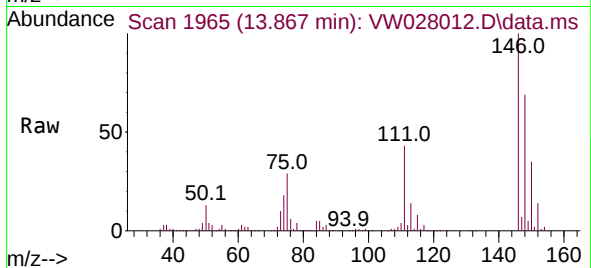
Tgt Ion:146 Resp: 166428

Ion Ratio Lower Upper

146 100

111 42.5 30.6 46.0

148 69.0 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 32.364 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

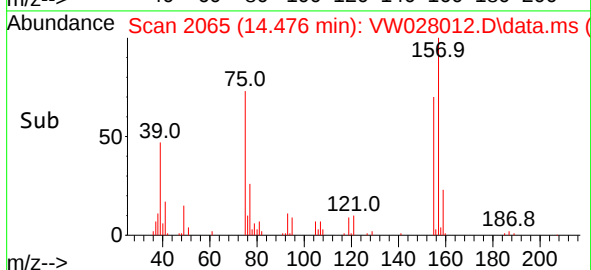
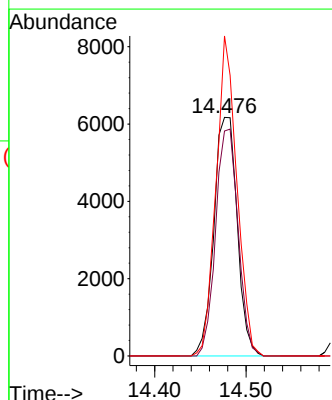
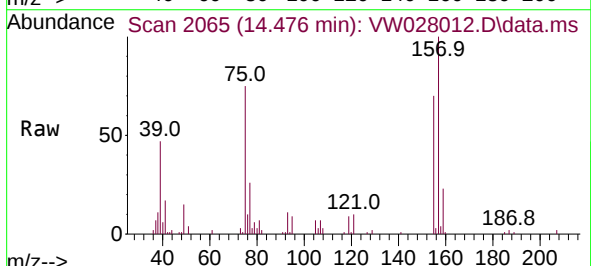
Tgt Ion: 75 Resp: 10952

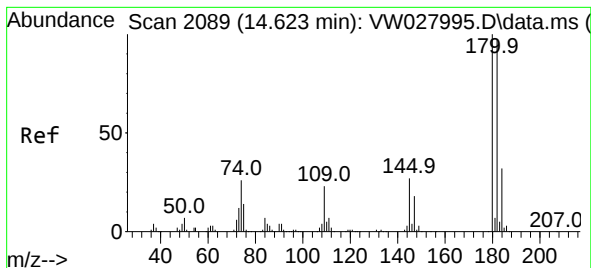
Ion Ratio Lower Upper

75 100

155 94.3 68.7 103.1

157 134.1 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 22.936 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

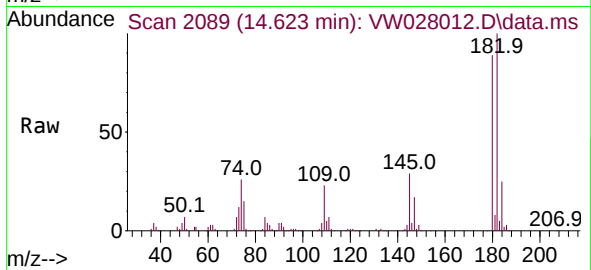
Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 120647

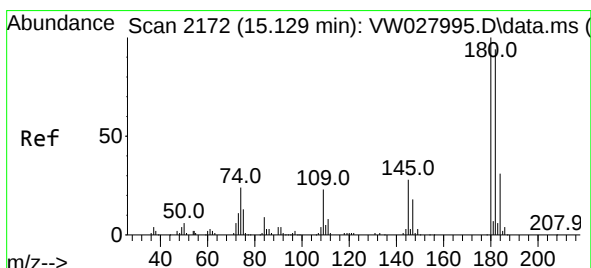
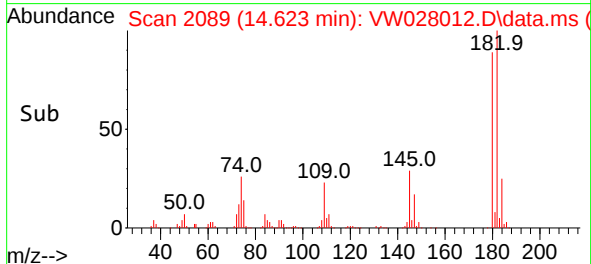
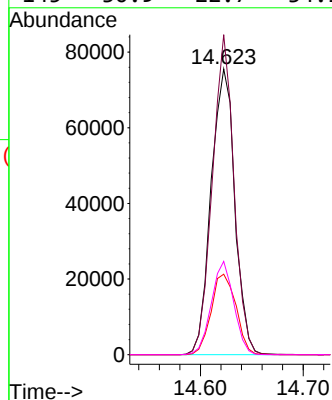
Ion Ratio Lower Upper

180 100

182 102.1 72.1 108.1

184 29.6 24.4 36.6

145 30.9 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 25.511 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028012.D

Acq: 14 Feb 2024 17:27

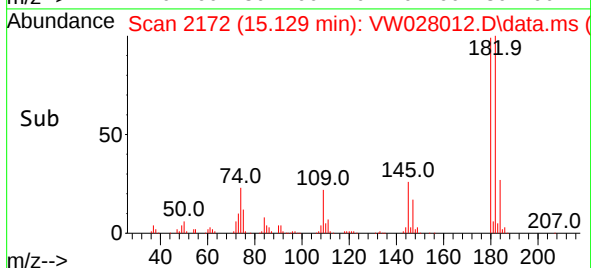
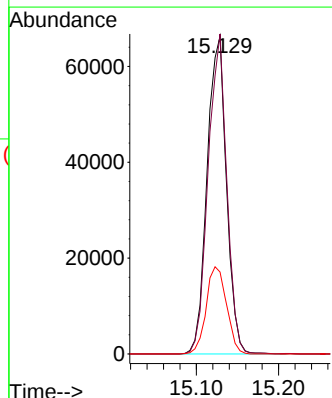
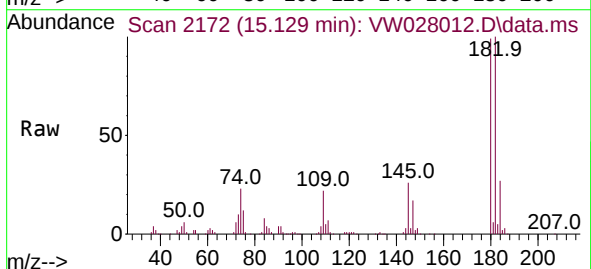
Tgt Ion:180 Resp: 108367

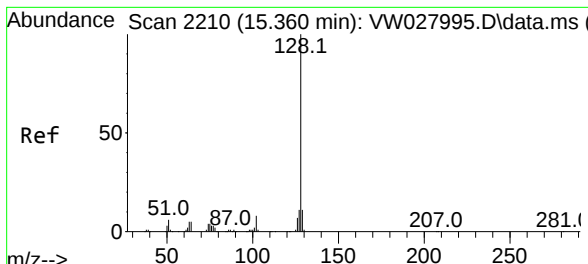
Ion Ratio Lower Upper

180 100

182 97.1 77.0 115.6

145 28.8 23.4 35.0



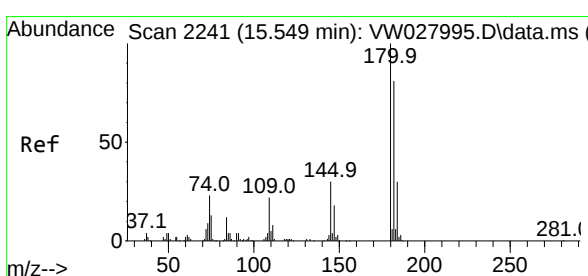
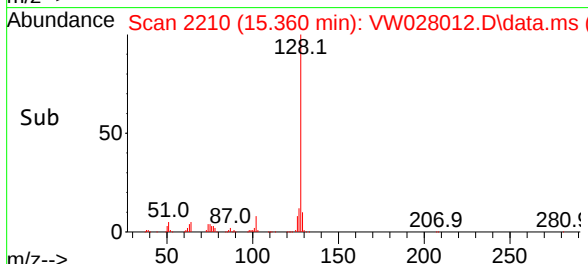
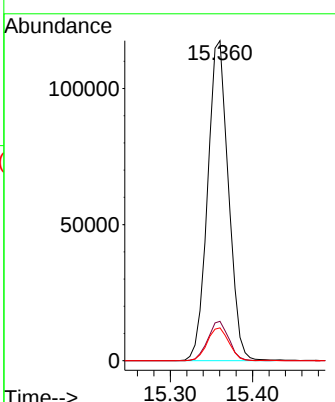
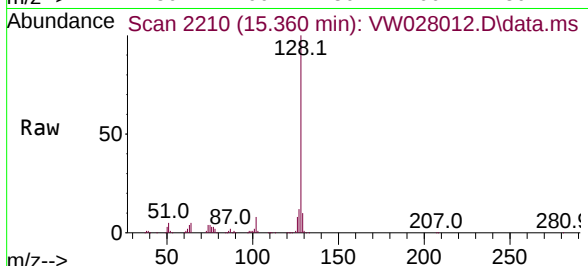


#71
Naphthalene
Concen: 31.305 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 206642

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.6	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 26.423 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028012.D
Acq: 14 Feb 2024 17:27

Tgt Ion:180 Resp: 93643

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.5	114.7
145	31.1	25.8	38.8

