

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028025.D
 Acq On : 15 Feb 2024 17:18
 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 20:55:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	274073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	62515	19.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
7) Chloroethane-d5	2.893	69	57924	23.791	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	4.021	65	28914	21.051	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.081	46	30407	60.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.920%
24) Chloroform-d	7.648	84	159794	24.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	8.300	65	75750	26.172	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.680%
32) Benzene-d6	8.276	84	316555	23.485	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.270	67	88687	24.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.318	98	306213	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.574	79	37903	25.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.880%
47) 2-Hexanone-d5	10.922	63	30378	61.110	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74404	27.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	111000	24.458	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	47006	19.916	ug/L	96
3) Chloromethane	2.222	50	54560	21.050	ug/L	96
5) Vinyl chloride	2.375	62	74068	21.083	ug/L	99
6) Bromomethane	2.789	94	56762	22.866	ug/L	93
8) Chloroethane	2.936	64	48916	24.643	ug/L	90
9) Trichlorofluoromethane	3.265	101	66213	20.738	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78012	24.241	ug/L	94
12) 1,1-Dichloroethene	4.045	96	69799	23.315	ug/L	94
13) Acetone	4.137	43	27278	56.243	ug/L	75
14) Carbon disulfide	4.393	76	178232	20.109	ug/L	100
15) Methyl Acetate	4.679	43	22034	27.290	ug/L	97
16) Methylene chloride	4.923	84	81001	23.646	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	75303	23.411	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	104005	27.275	ug/L #	92
19) 1,1-Dichloroethane	6.215	63	132844	25.423	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	88271	25.989	ug/L	97
22) 2-Butanone	7.179	43	33016	58.972	ug/L	97
23) Bromochloromethane	7.514	128	40493	26.839	ug/L	93
25) Chloroform	7.673	83	148050	26.356	ug/L	97

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 Response via : Initial Calibration

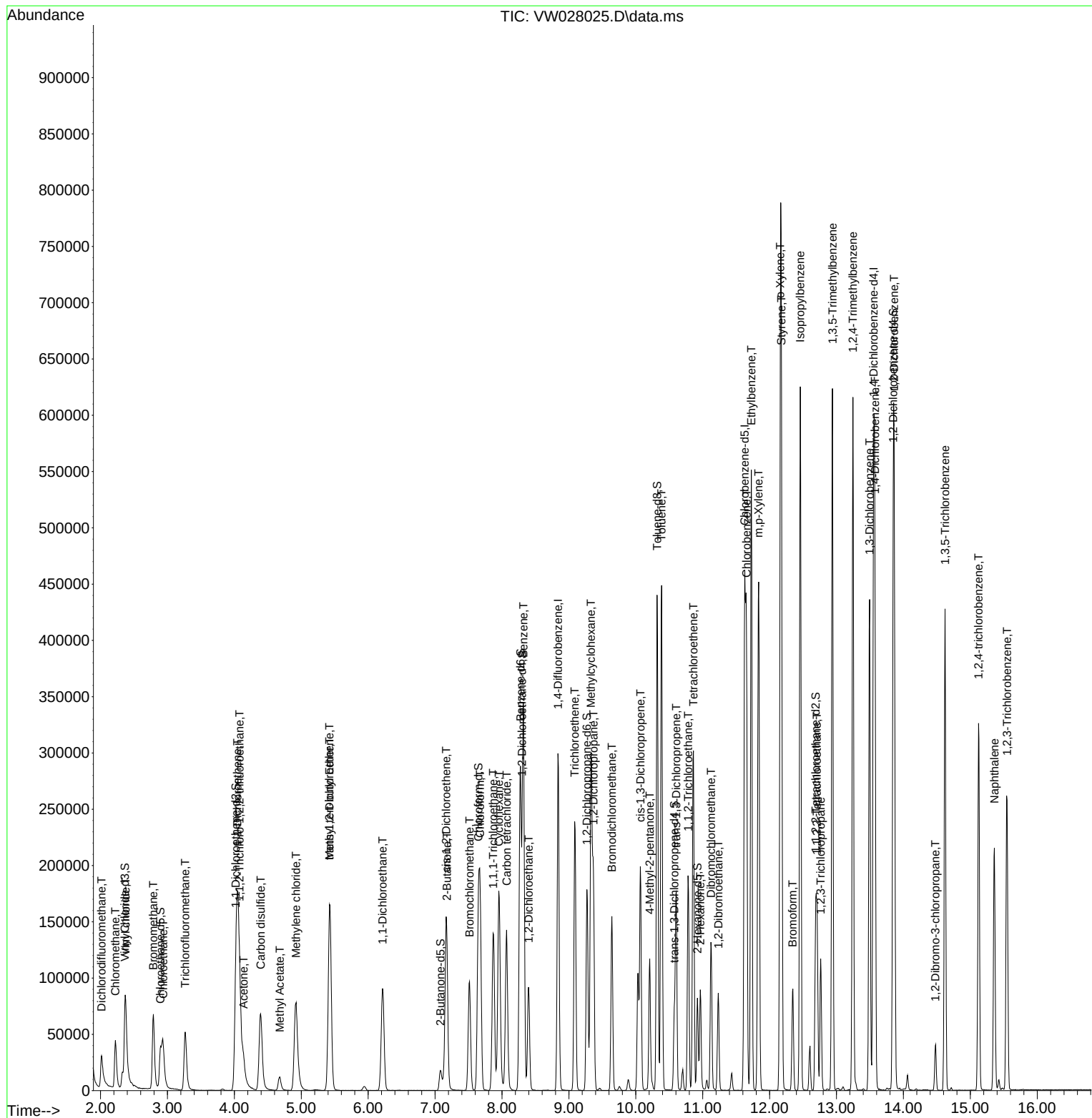
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87578	27.996	ug/L	97
29) Cyclohexane	7.953	56	103156	22.973	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	122417	25.172	ug/L	99
31) Carbon tetrachloride	8.069	117	111492	24.781	ug/L	98
33) Benzene	8.319	78	309636	24.608	ug/L	100
34) Trichloroethene	9.087	95	85942	23.792	ug/L	96
35) Methylcyclohexane	9.331	83	137694	23.165	ug/L	99
37) 1,2-Dichloropropane	9.367	63	75530	25.544	ug/L	99
38) Bromodichloromethane	9.642	83	107046	27.122	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	127721	26.949	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	69230	62.033	ug/L	100
42) Toluene	10.385	91	349465	24.771	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	104339	27.738	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	63607	27.178	ug/L	99
46) Tetrachloroethene	10.861	164	74119	24.386	ug/L	93
48) 2-Hexanone	10.965	43	51211	60.583	ug/L	100
49) Dibromochloromethane	11.123	129	73737	27.636	ug/L	92
50) 1,2-Dibromoethane	11.233	107	59699	27.328	ug/L	88
51) Chlorobenzene	11.654	112	233833	24.920	ug/L	93
52) Ethylbenzene	11.727	91	394718	24.815	ug/L	96
53) m,p-Xylene	11.836	106	155781	24.972	ug/L	92
54) o-Xylene	12.160	106	148770	25.428	ug/L	97
55) Styrene	12.178	104	254929	26.160	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	71943	28.706	ug/L	99
59) Bromoform	12.342	173	45577	28.920	ug/L	97
60) Isopropylbenzene	12.458	105	413972	24.831	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	49972	28.043	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	344062	25.789	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	334136	25.594	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190811	24.915	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	188612	24.222	ug/L	95
67) 1,2-Dichlorobenzene	13.860	146	175794	25.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10242	28.949	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	134815	24.514	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	109351	24.623	ug/L	98
71) Naphthalene	15.360	128	197526	28.623	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	96172	25.956	ug/L	96

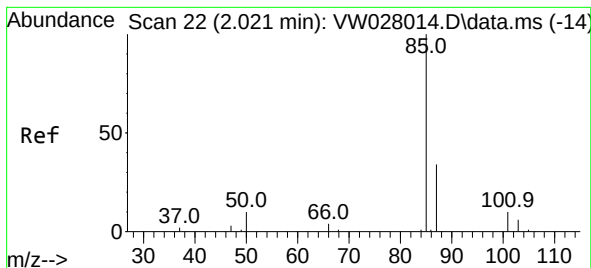
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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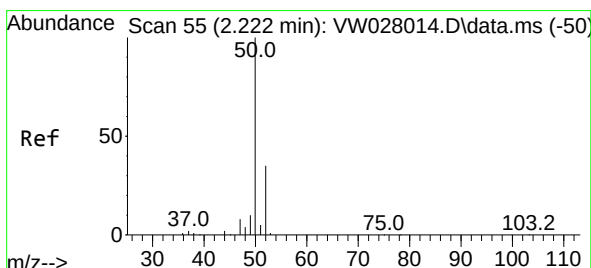
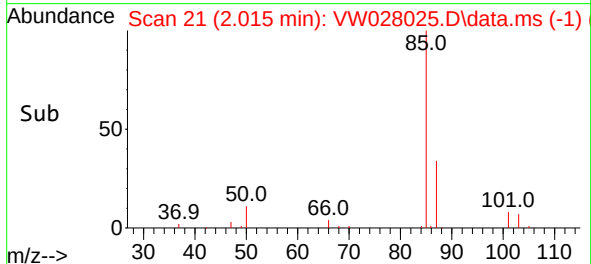
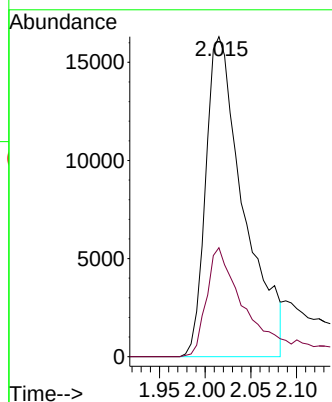
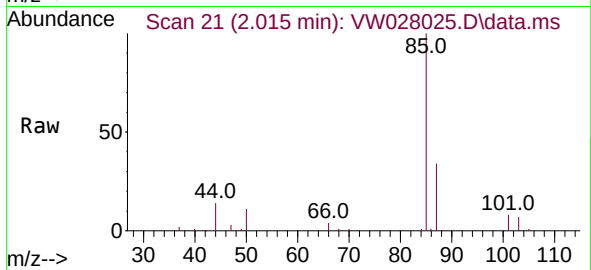




#2
 Dichlorodifluoromethane
 Concen: 19.916 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028025.D
 Acq: 15 Feb 2024 17:18

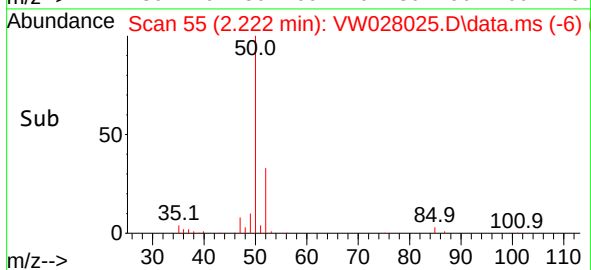
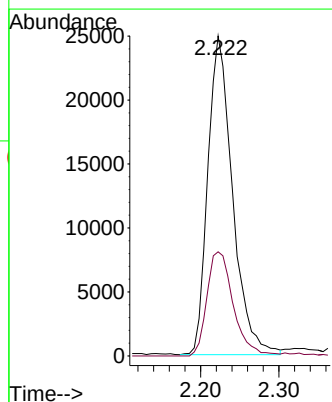
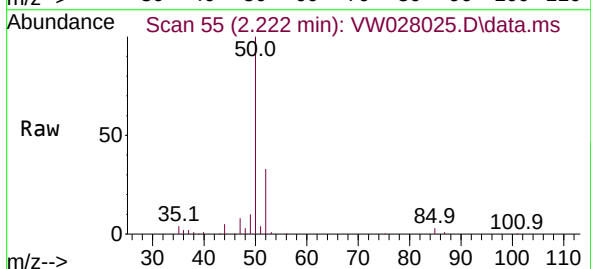
Instrument :
 MSVOA_W
 ClientSampleId :

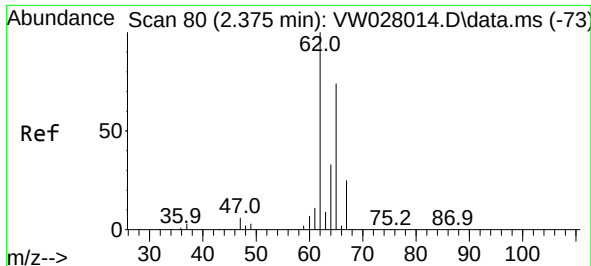
Tgt Ion: 85 Resp: 47006
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.3 37.9



#3
 Chloromethane
 Concen: 21.050 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028025.D
 Acq: 15 Feb 2024 17:18

Tgt Ion: 50 Resp: 54560
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.3 45.1

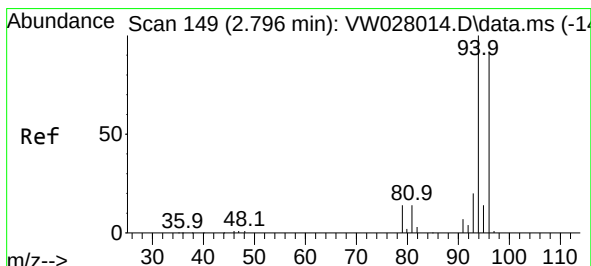
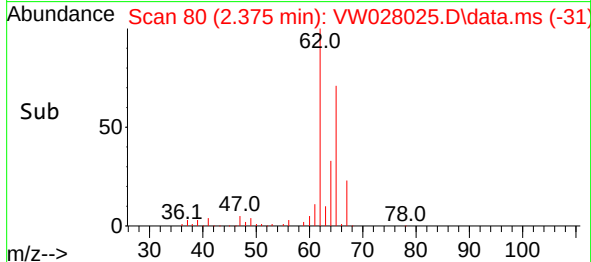
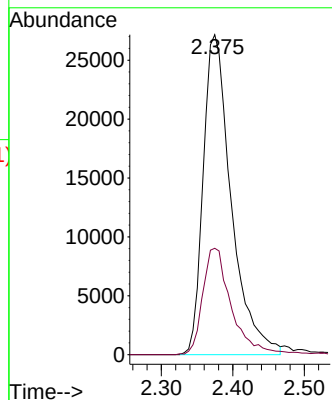
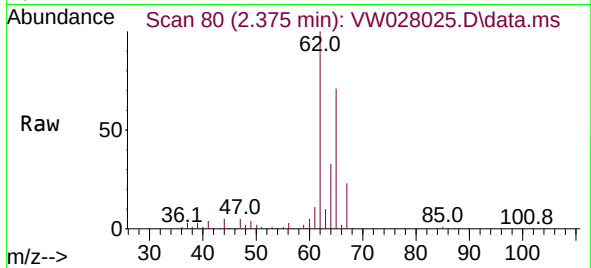




#5
 Vinyl chloride
 Concen: 21.083 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028025.D
 Acq: 15 Feb 2024 17:18

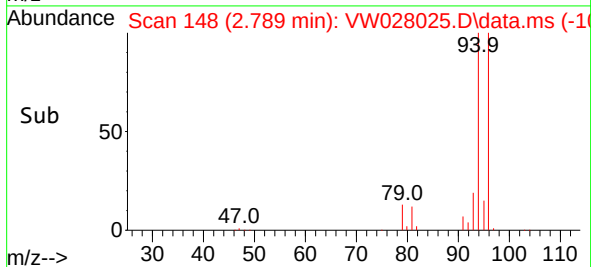
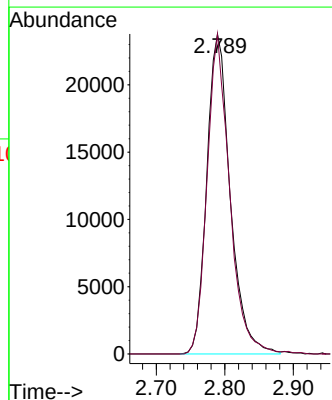
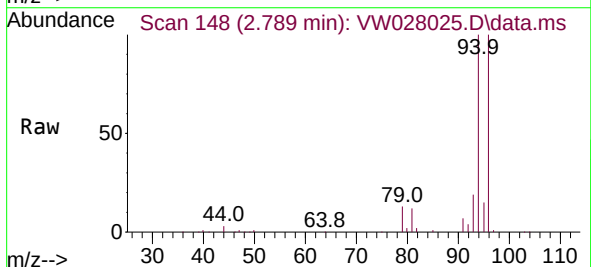
Instrument :
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 ClientSampleId :

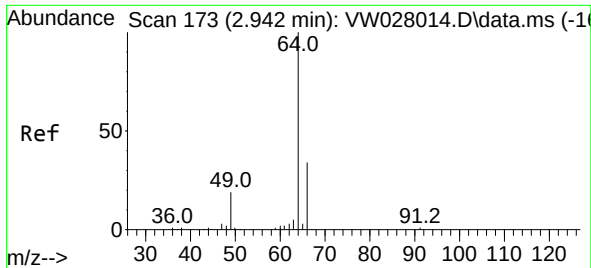
Tgt Ion: 62 Resp: 74068
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.6



#6
 Bromomethane
 Concen: 22.866 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028025.D
 Acq: 15 Feb 2024 17:18

Tgt Ion: 94 Resp: 56762
 Ion Ratio Lower Upper
 94 100
 96 100.1 65.3 121.3

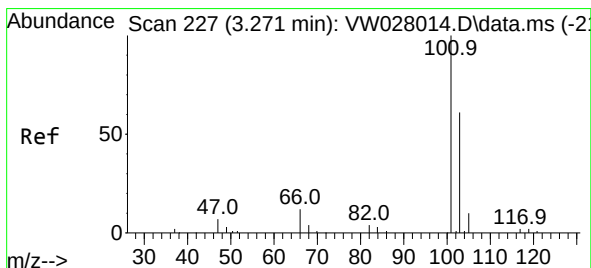
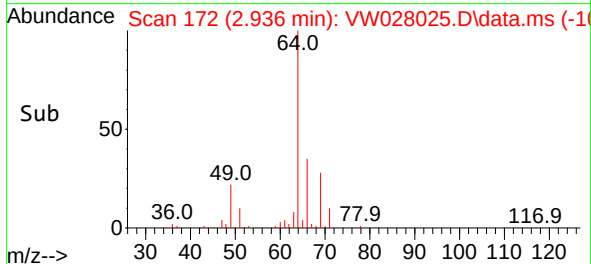
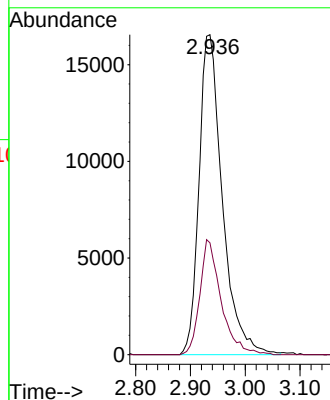
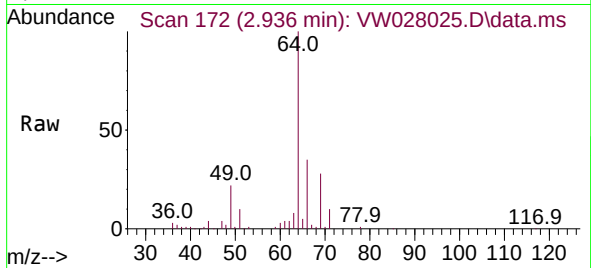




#8
Chloroethane
Concen: 24.643 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

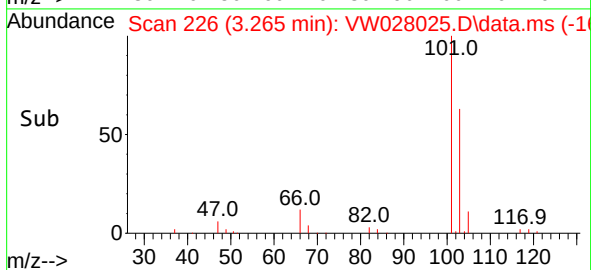
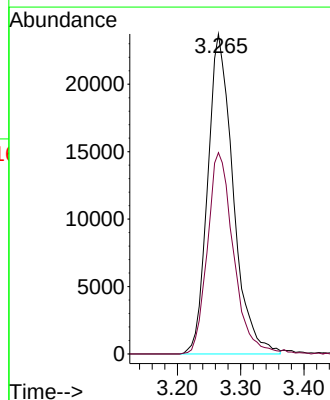
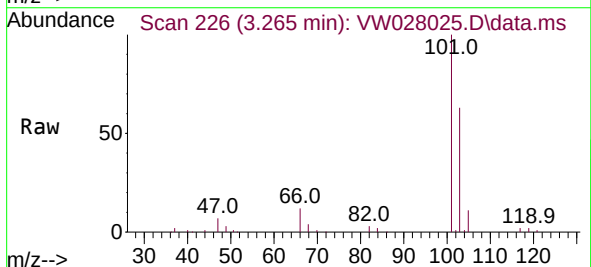
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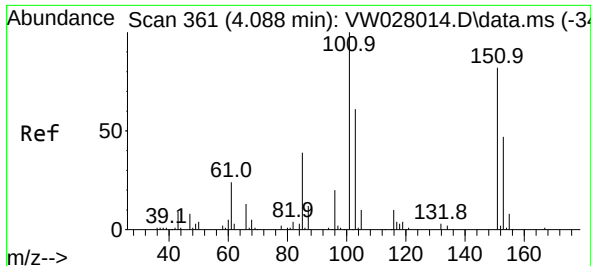
Tgt Ion: 64 Resp: 48916
Ion Ratio Lower Upper
64 100
66 35.0 20.9 38.7



#9
Trichlorofluoromethane
Concen: 20.738 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion:101 Resp: 66213
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

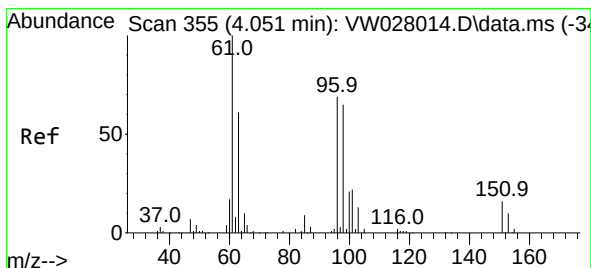
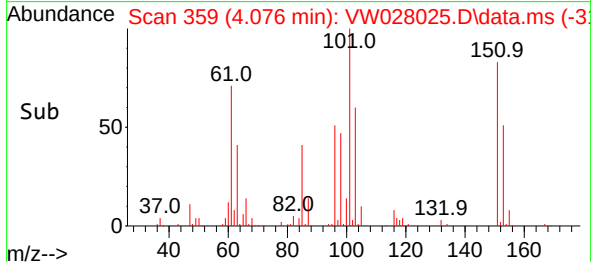
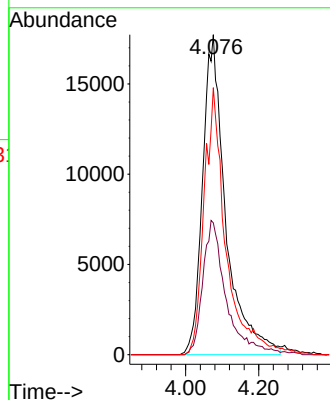
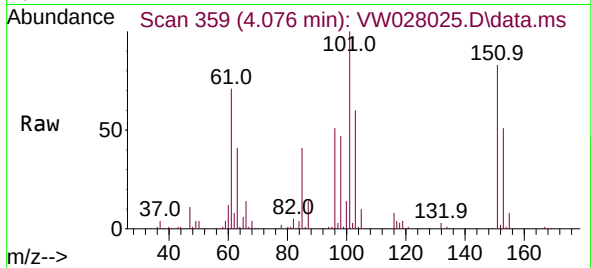




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.241 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW028025.D
 Acq: 15 Feb 2024 17:18

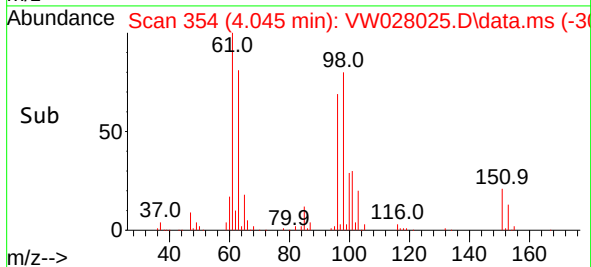
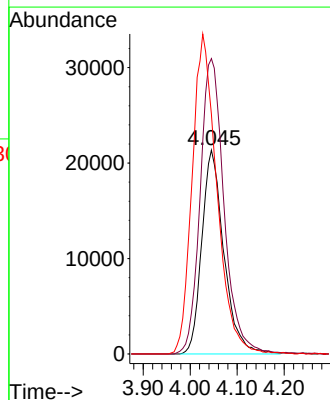
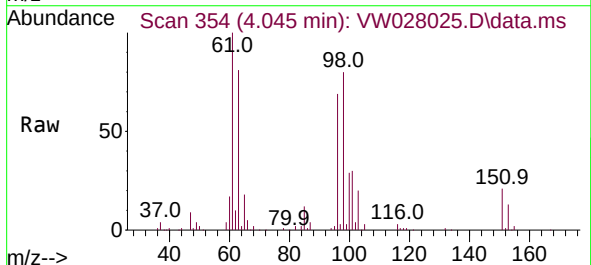
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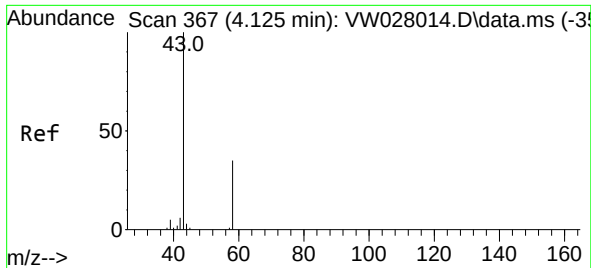
Tgt Ion:101 Resp: 78012
 Ion Ratio Lower Upper
 101 100
 85 38.8 33.8 50.6
 151 73.3 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.315 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028025.D
 Acq: 15 Feb 2024 17:18

Tgt Ion: 96 Resp: 69799
 Ion Ratio Lower Upper
 96 100
 61 145.0 107.4 199.4
 63 117.7 86.0 159.6





#13

Acetone

Concen: 56.243 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.012 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

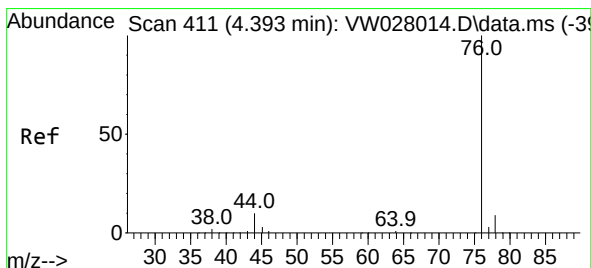
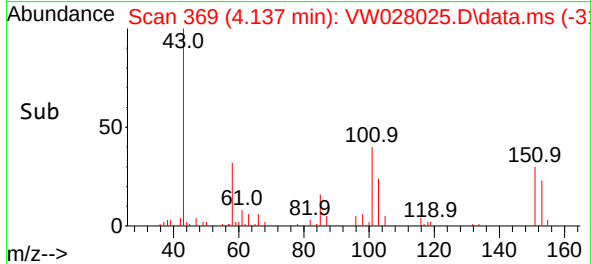
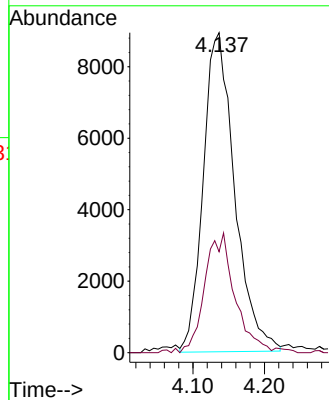
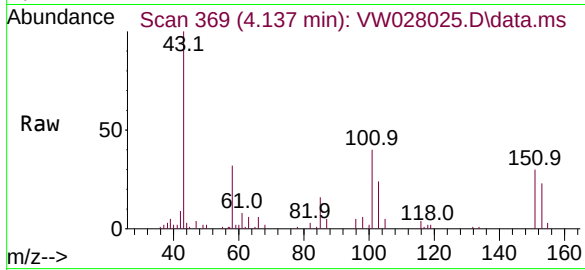
ClientSampleId :

Tgt Ion: 43 Resp: 27278

Ion Ratio Lower Upper

43 100

58 18.7 0.0 66.0



#14

Carbon disulfide

Concen: 20.109 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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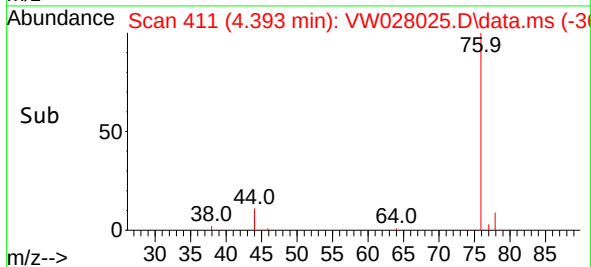
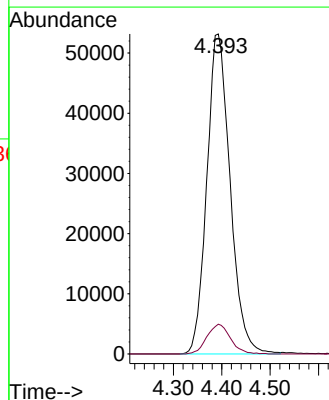
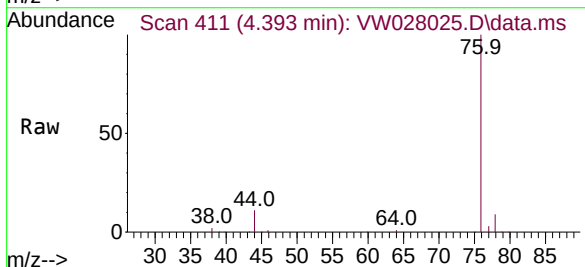
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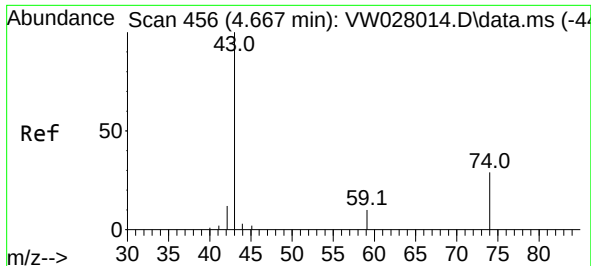
Tgt Ion: 76 Resp: 178232

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

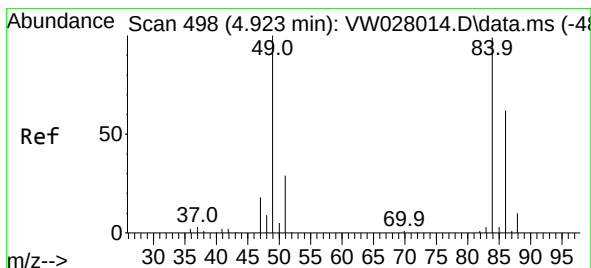
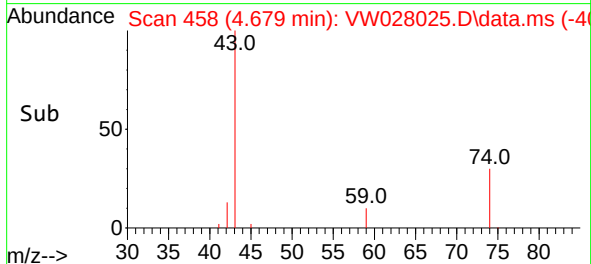
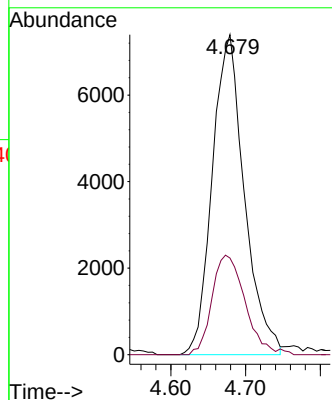
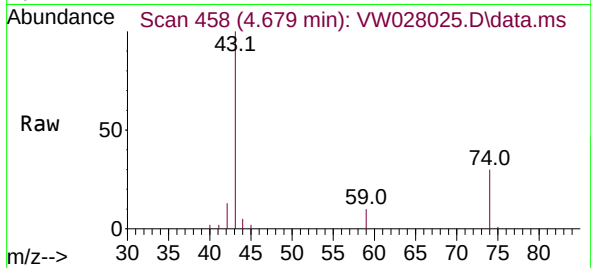




#15
Methyl Acetate
Concen: 27.290 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

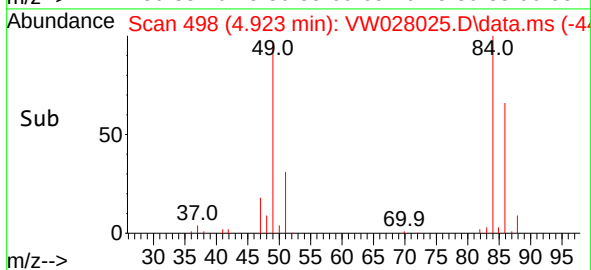
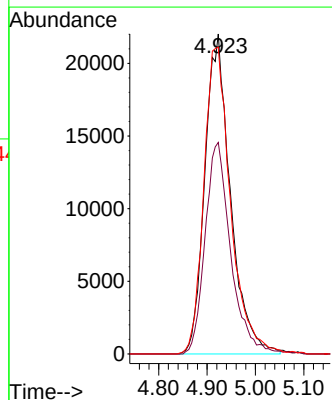
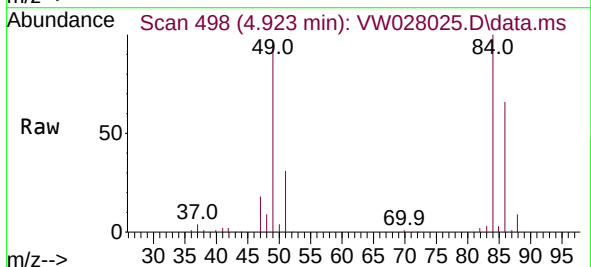
Instrument :
MSVOA_W
ClientSampleId :

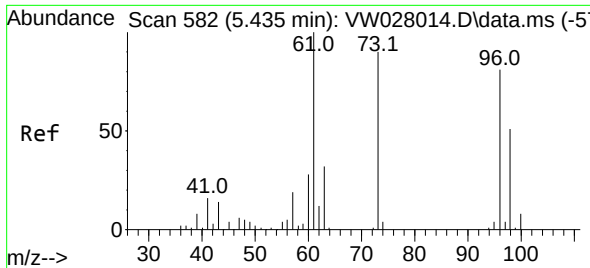
Tgt Ion: 43 Resp: 22034
Ion Ratio Lower Upper
43 100
74 31.7 24.2 36.2



#16
Methylene chloride
Concen: 23.646 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion: 84 Resp: 81001
Ion Ratio Lower Upper
84 100
86 66.1 45.4 84.4
49 95.9 66.3 123.1

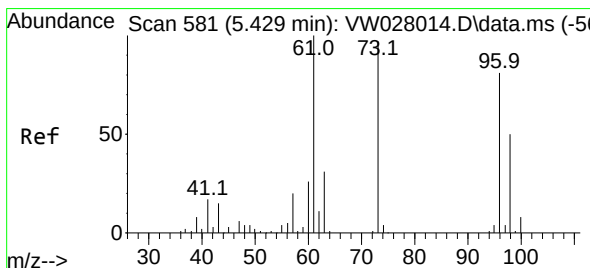
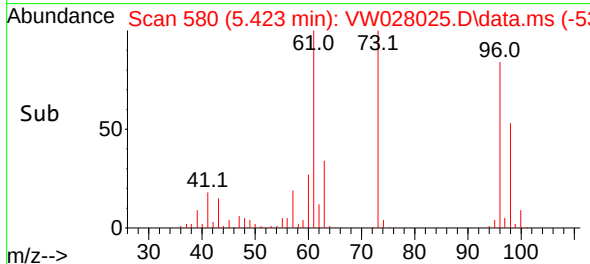
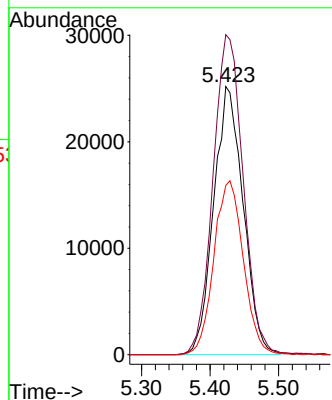
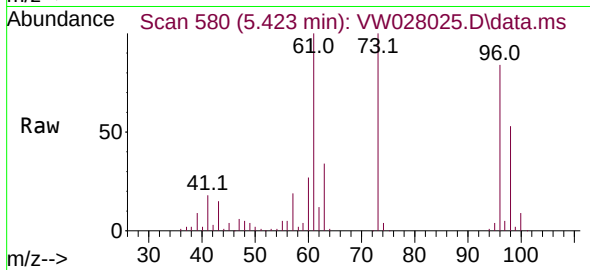




#17
trans-1,2-Dichloroethene
Concen: 23.411 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

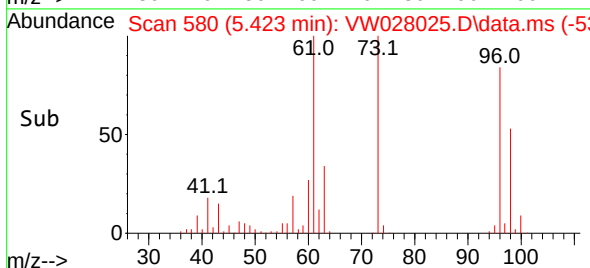
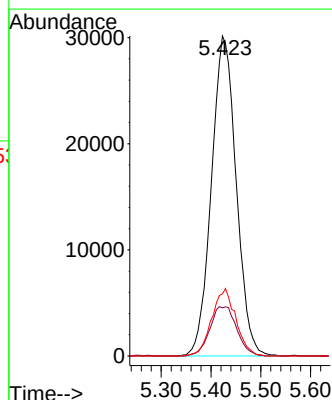
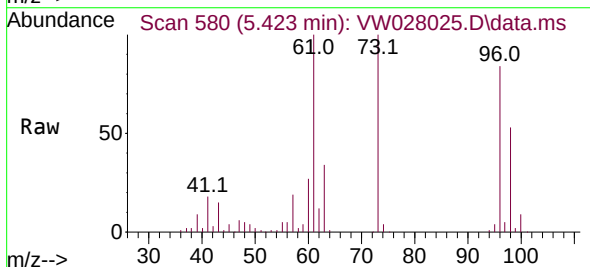
Instrument :
MSVOA_W
ClientSampleId :

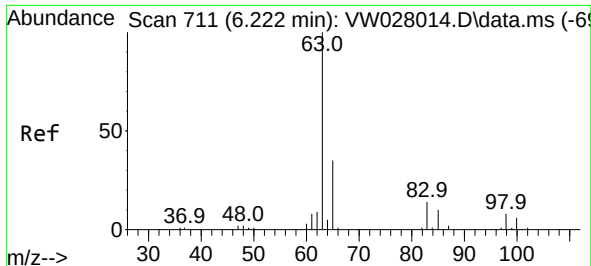
Tgt Ion: 96 Resp: 75303
Ion Ratio Lower Upper
96 100
61 119.3 80.1 148.7
98 63.1 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 27.275 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion: 73 Resp: 104005
Ion Ratio Lower Upper
73 100
43 8.6 13.4 20.0#
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.423 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :

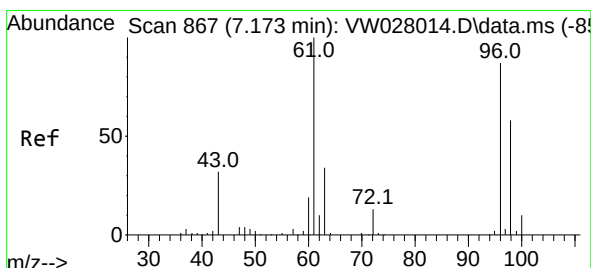
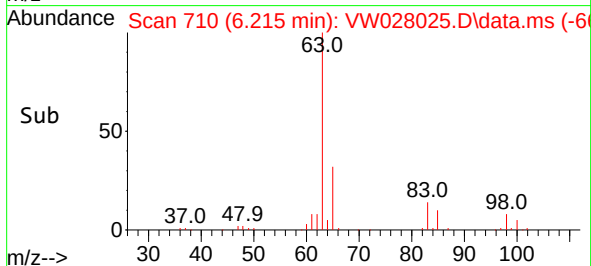
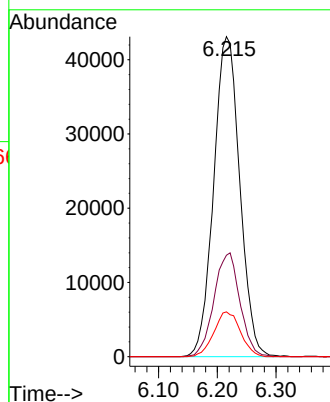
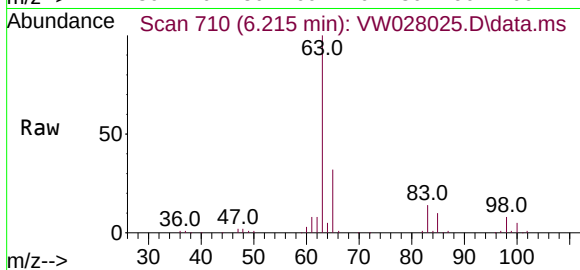
Tgt Ion: 63 Resp: 132844

Ion Ratio Lower Upper

63 100

65 31.7 23.1 42.9

83 14.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 25.989 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

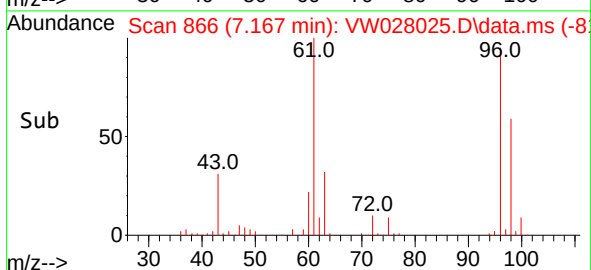
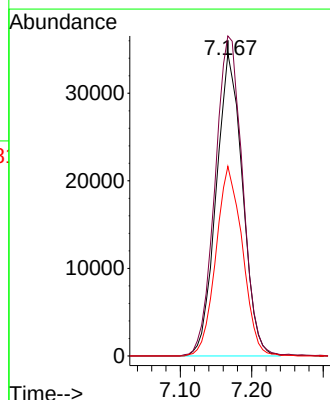
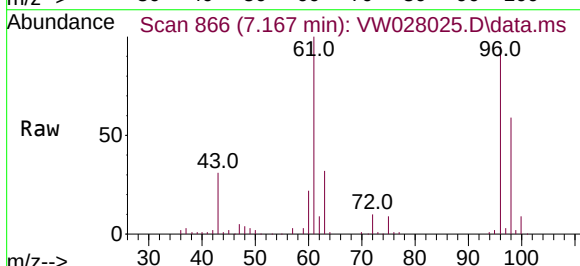
Tgt Ion: 96 Resp: 88271

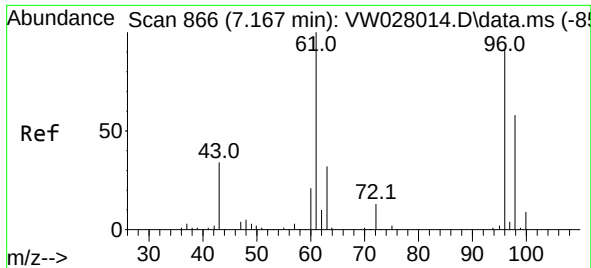
Ion Ratio Lower Upper

96 100

61 105.8 76.3 141.7

98 62.7 42.9 79.7

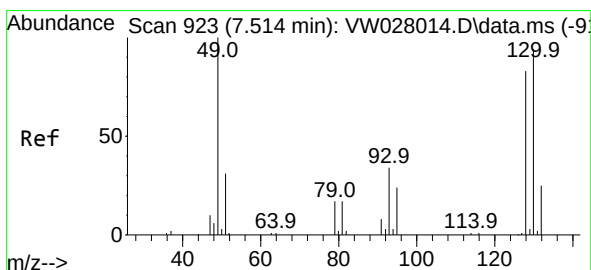
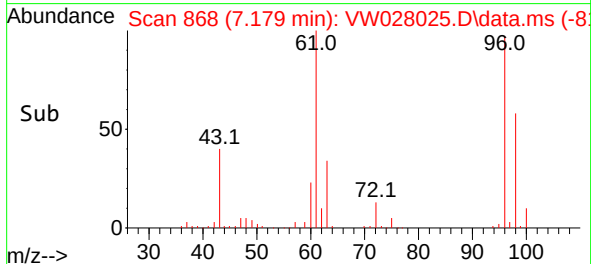
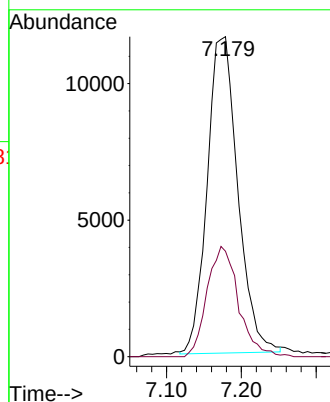
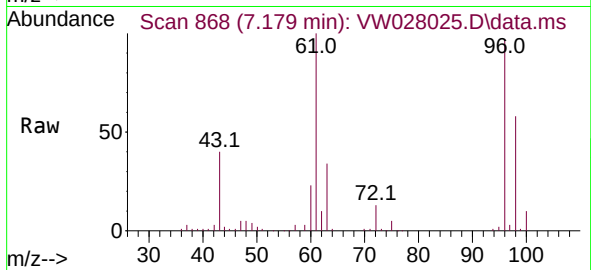




#22
2-Butanone
Concen: 58.972 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

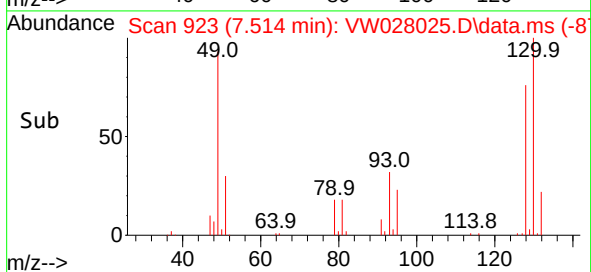
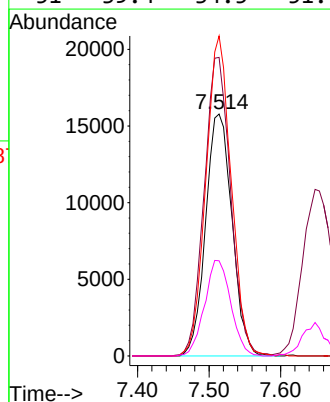
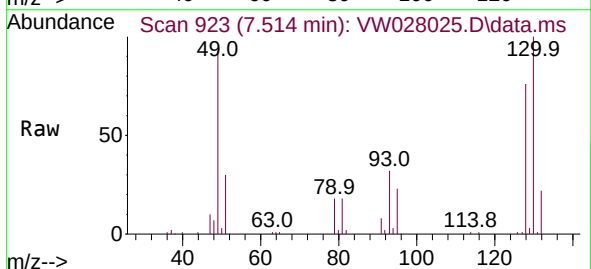
Instrument :
MSVOA_W
ClientSampleId :

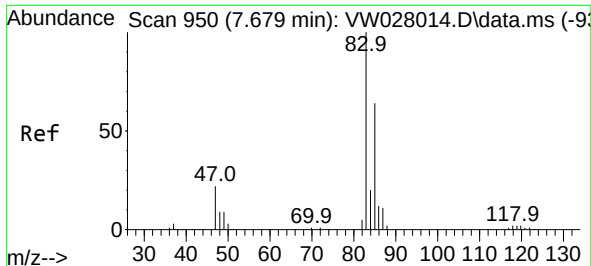
Tgt Ion: 43 Resp: 33016
Ion Ratio Lower Upper
43 100
72 35.6 17.0 50.9



#23
Bromochloromethane
Concen: 26.839 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion: 128 Resp: 40493
Ion Ratio Lower Upper
128 100
49 123.4 93.2 173.2
130 132.3 97.4 180.8
51 39.4 34.5 51.7

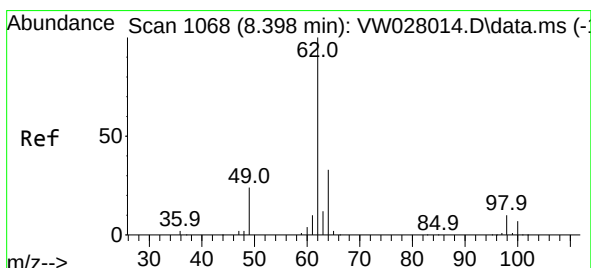
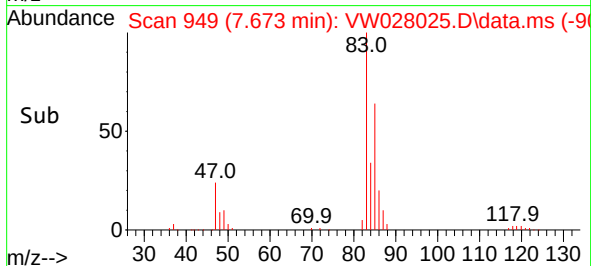
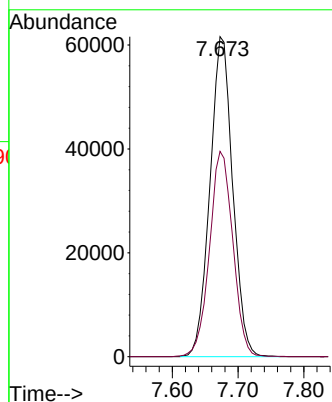
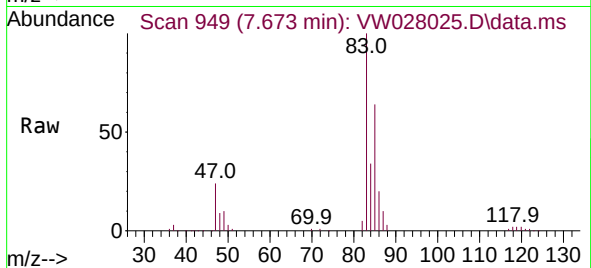




#25
Chloroform
Concen: 26.356 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

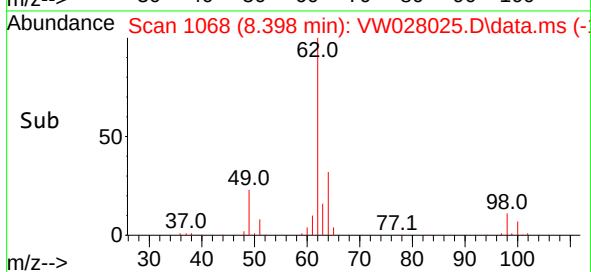
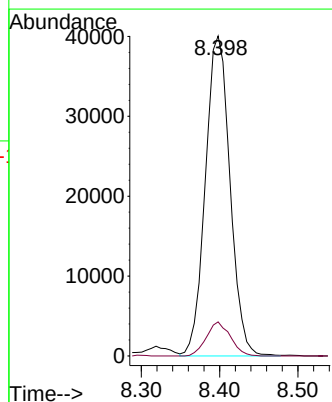
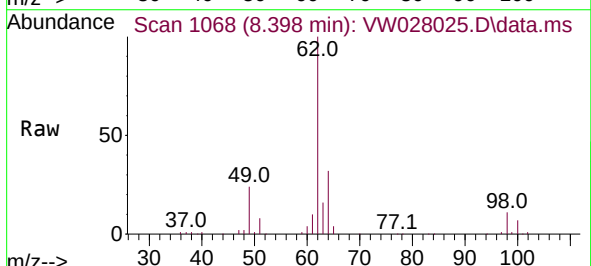
Instrument :
MSVOA_W
ClientSampleId :

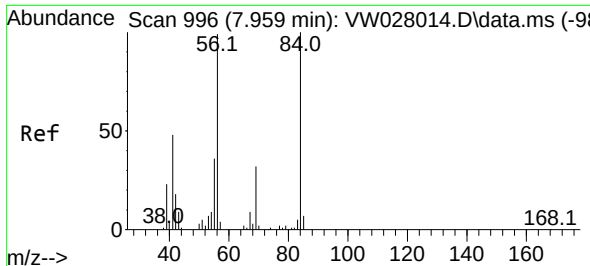
Tgt Ion: 83 Resp: 148050
Ion Ratio Lower Upper
83 100
85 64.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.996 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

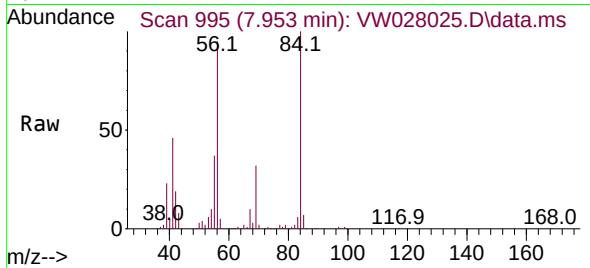
Tgt Ion: 62 Resp: 87578
Ion Ratio Lower Upper
62 100
98 10.7 9.4 14.2



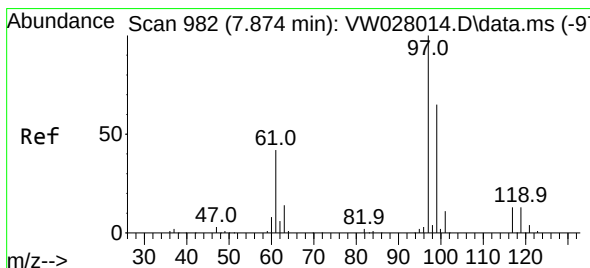
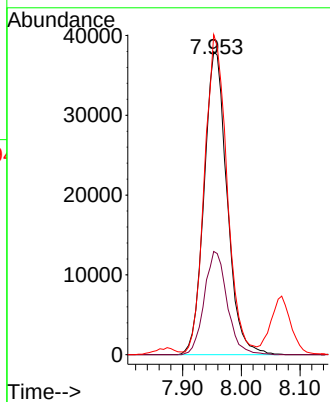
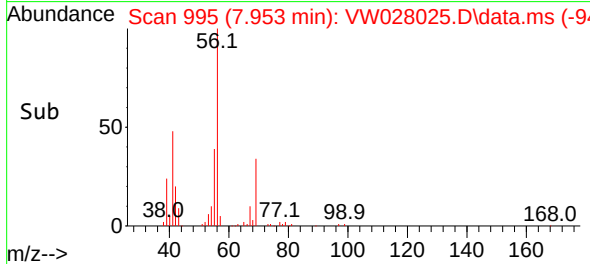


#29
Cyclohexane
Concen: 22.973 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Instrument :
MSVOA_W
ClientSampleId :

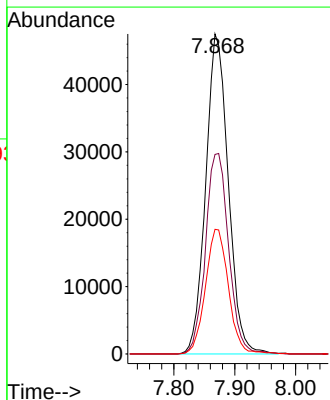
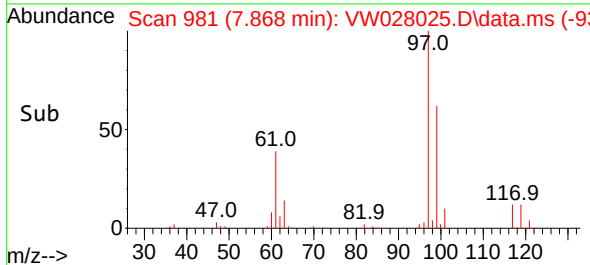
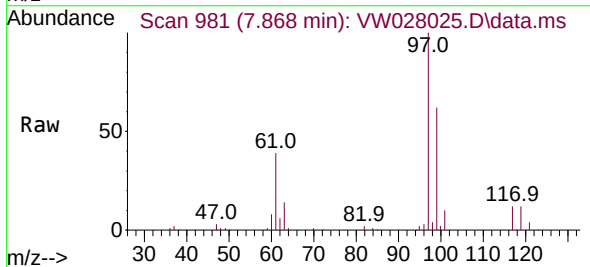


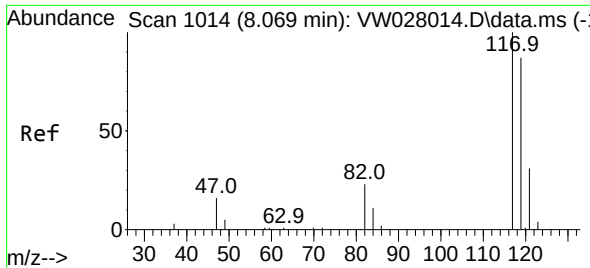
Tgt Ion: 56 Resp: 103156
Ion Ratio Lower Upper
56 100
69 33.9 26.3 39.5
84 104.0 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 25.172 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

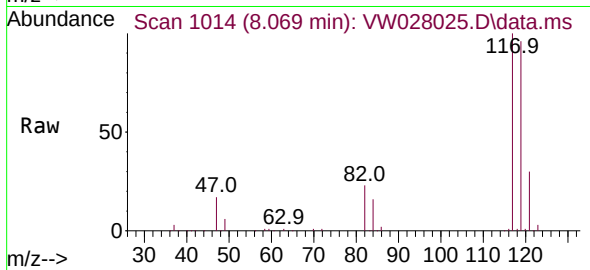
Tgt Ion: 97 Resp: 122417
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 39.5 32.9 49.3



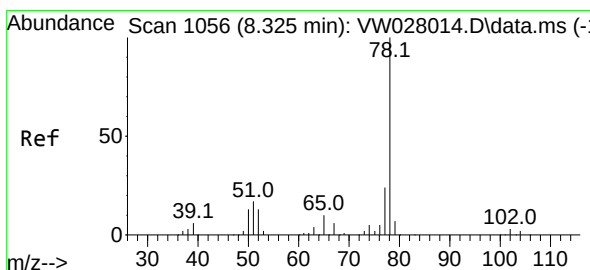
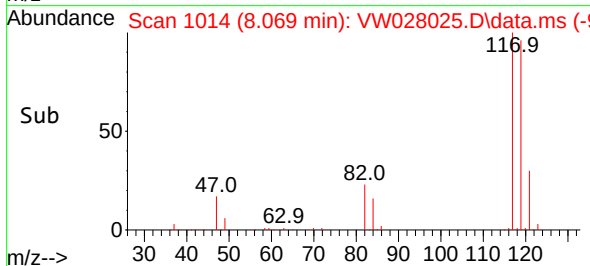
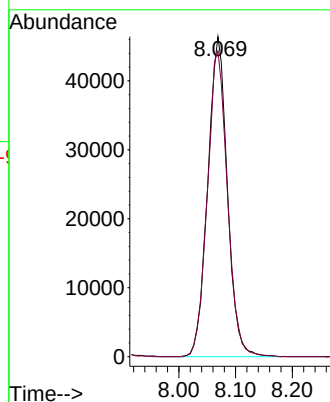


#31
Carbon tetrachloride
Concen: 24.781 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Instrument :
MSVOA_W
ClientSampleId :

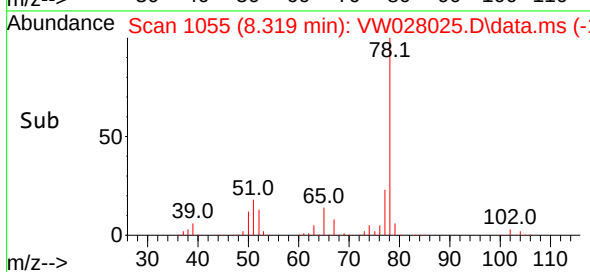
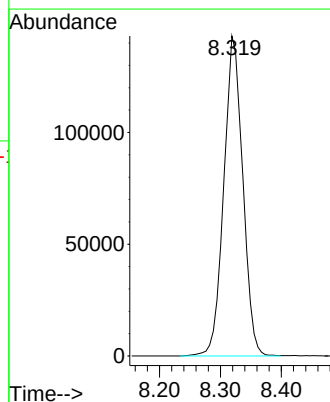
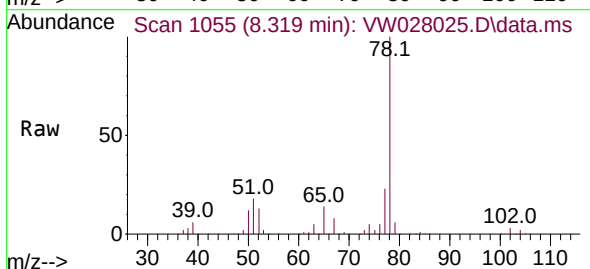


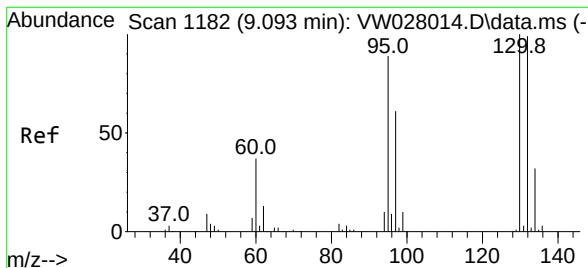
Tgt Ion:117 Resp: 111492
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7



#33
Benzene
Concen: 24.608 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion: 78 Resp: 309636





#34

Trichloroethene

Concen: 23.792 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 85942

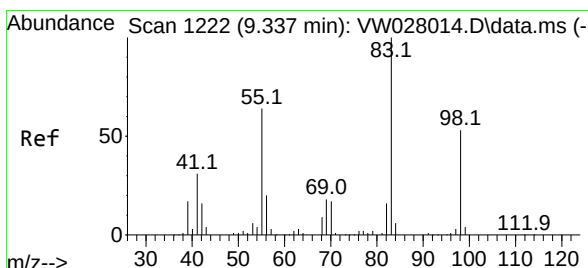
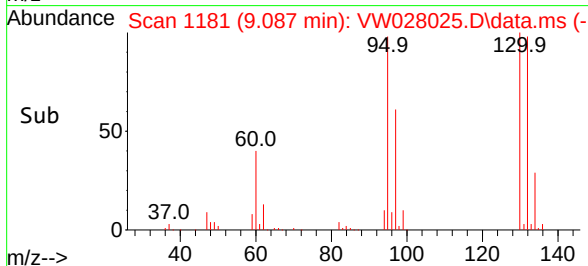
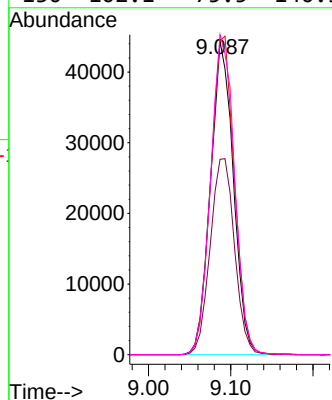
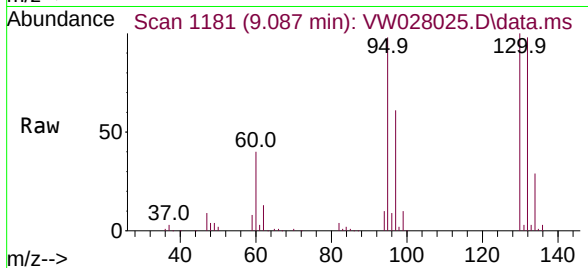
Ion Ratio Lower Upper

95 100

97 62.4 44.3 82.3

132 100.2 68.0 126.2

130 102.1 75.5 140.3



#35

Methylcyclohexane

Concen: 23.165 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

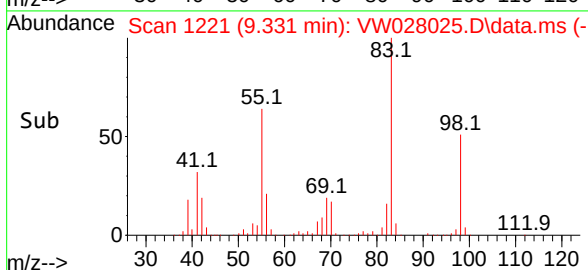
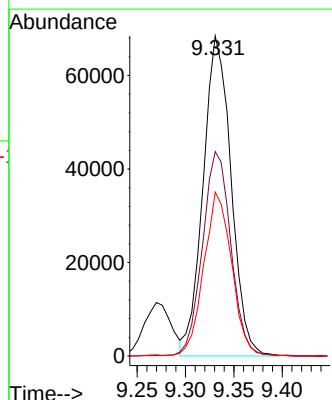
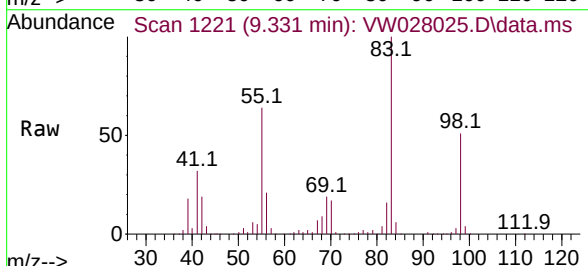
Tgt Ion: 83 Resp: 137694

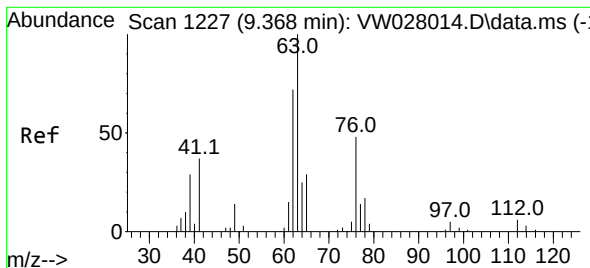
Ion Ratio Lower Upper

83 100

55 64.9 52.3 78.5

98 51.1 41.9 62.9





#37

1,2-Dichloropropane

Concen: 25.544 ug/L

RT: 9.367 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

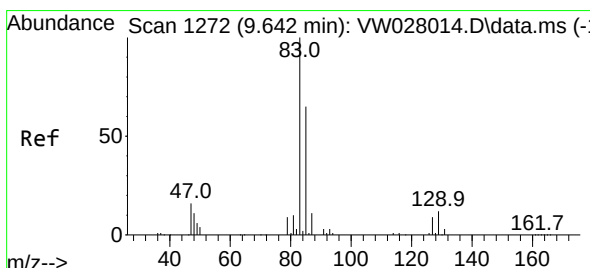
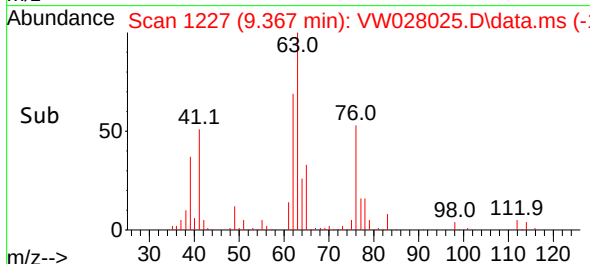
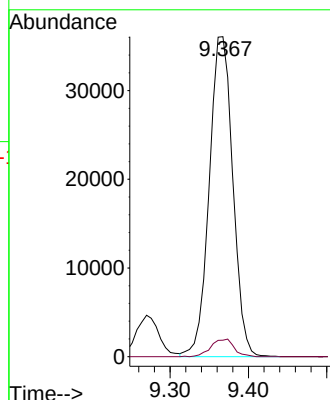
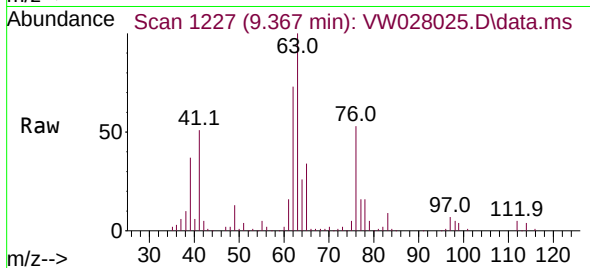
ClientSampleId :

Tgt Ion: 63 Resp: 75530

Ion Ratio Lower Upper

63 100

112 5.4 4.2 6.2



#38

Bromodichloromethane

Concen: 27.122 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

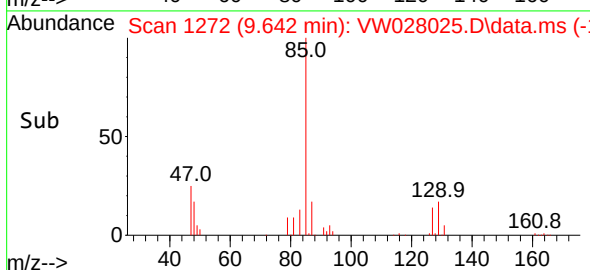
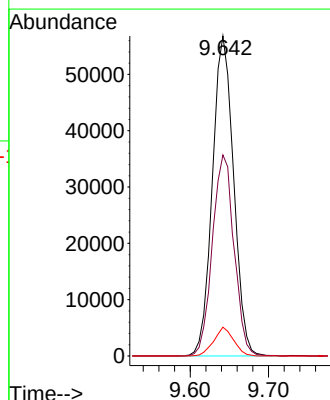
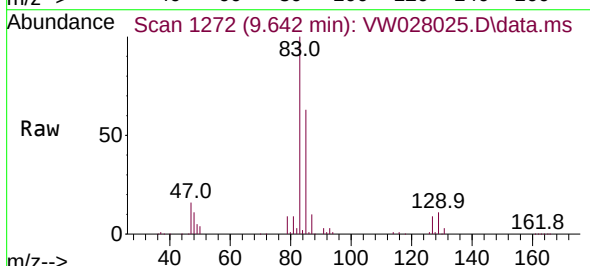
Tgt Ion: 83 Resp: 107046

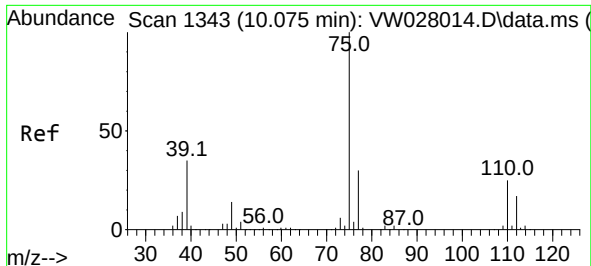
Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.949 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

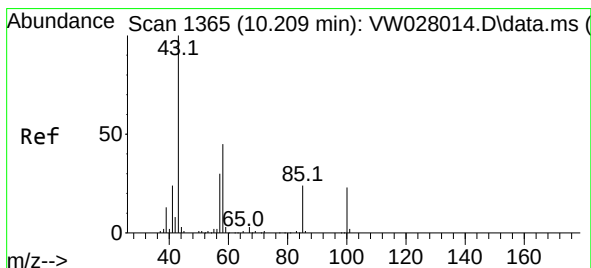
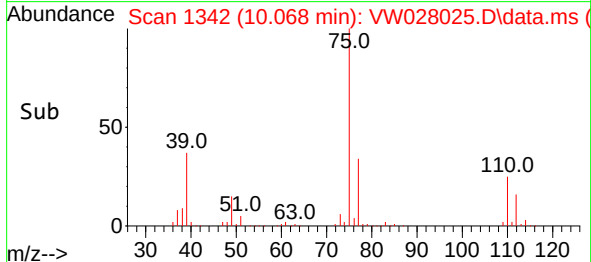
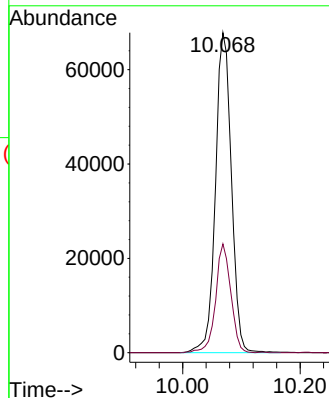
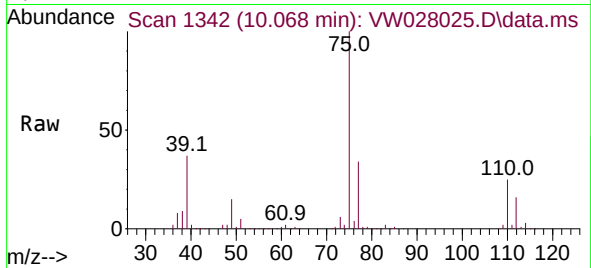
ClientSampleId :

Tgt Ion: 75 Resp: 127721

Ion Ratio Lower Upper

75 100

77 34.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 62.033 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

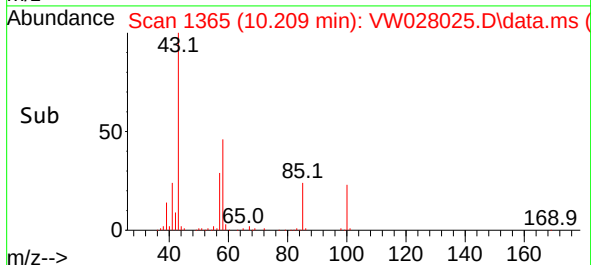
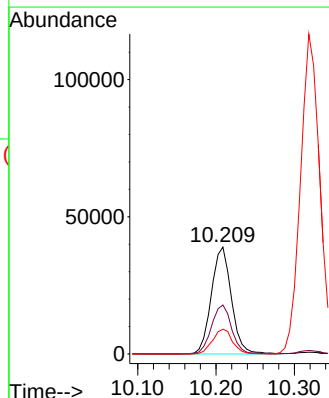
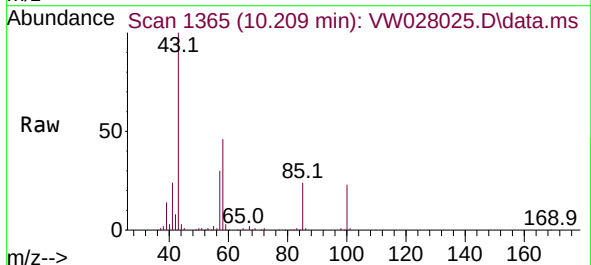
Tgt Ion: 43 Resp: 69230

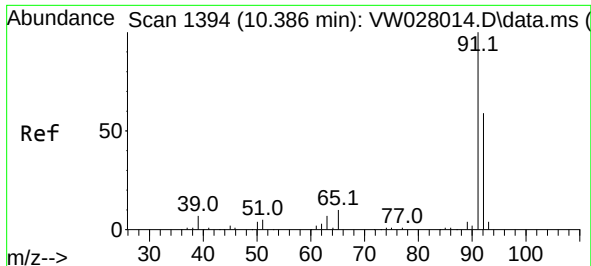
Ion Ratio Lower Upper

43 100

58 46.0 36.7 55.1

100 23.0 18.4 27.6

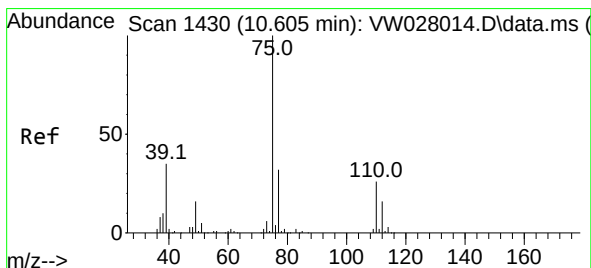
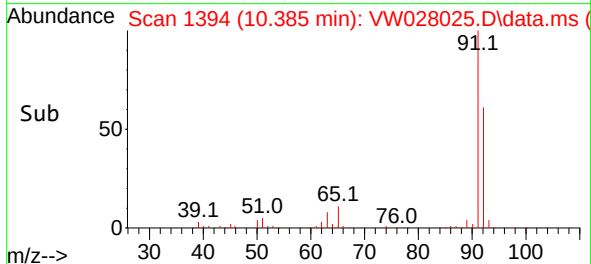
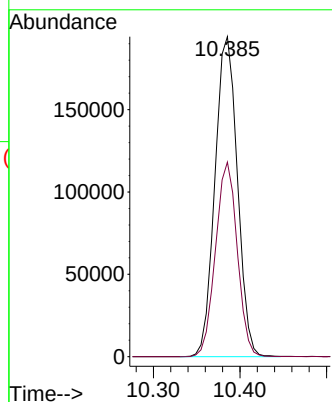
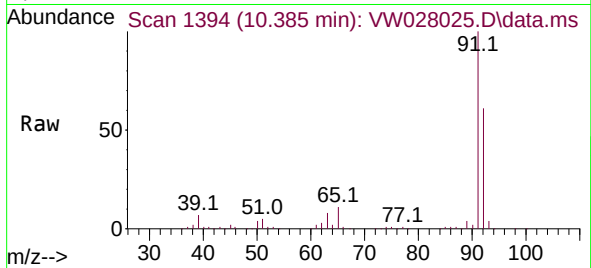




#42
Toluene
Concen: 24.771 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

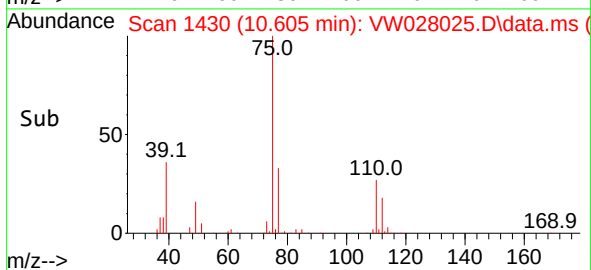
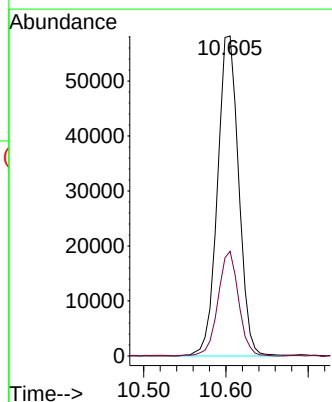
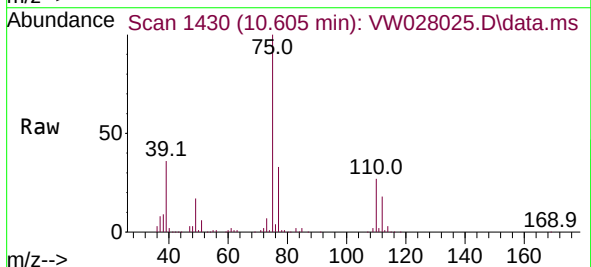
Instrument :
MSVOA_W
ClientSampleId :

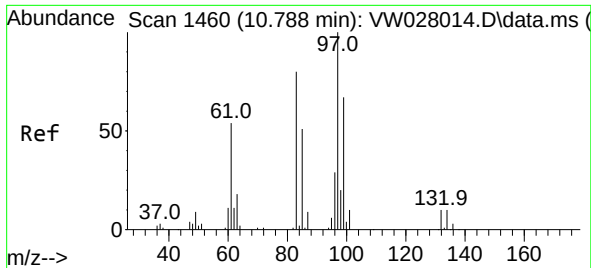
Tgt Ion: 91 Resp: 349465
Ion Ratio Lower Upper
91 100
92 60.8 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 27.738 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

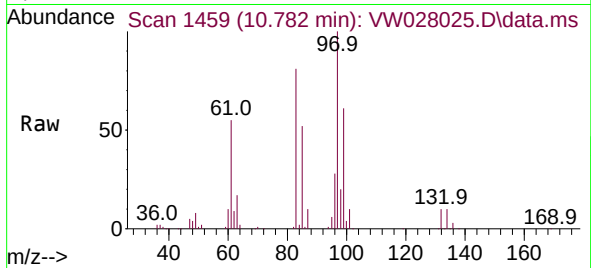
Tgt Ion: 75 Resp: 104339
Ion Ratio Lower Upper
75 100
77 32.7 21.5 39.9





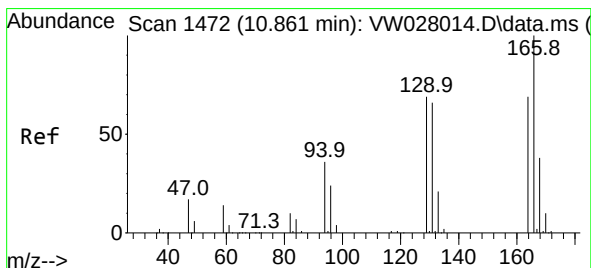
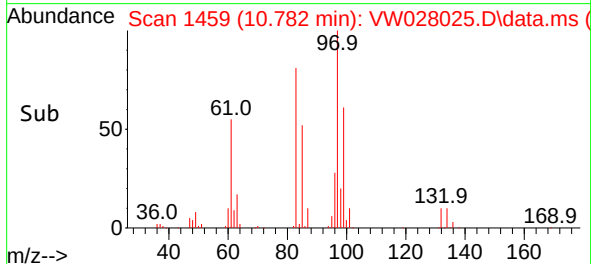
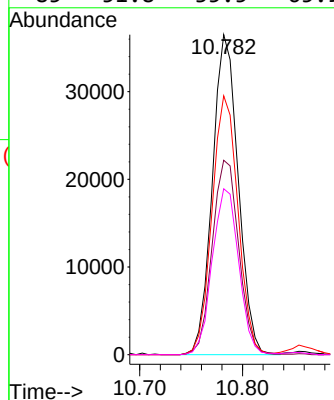
#45
1,1,2-Trichloroethane
Concen: 27.178 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 63607

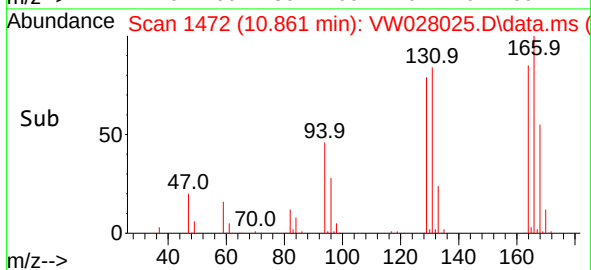
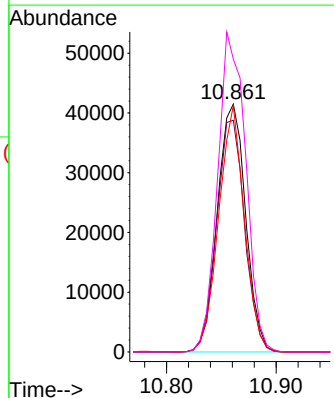
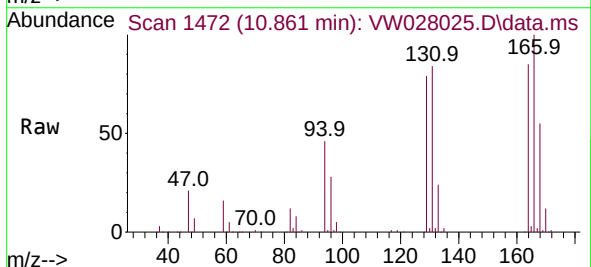
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.3	80.5
83	80.9	57.2	106.2
85	51.8	35.5	65.9

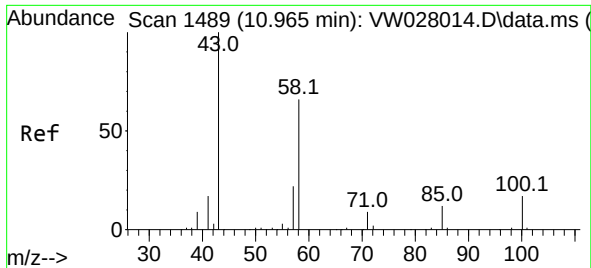


#46
Tetrachloroethene
Concen: 24.386 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion: 164 Resp: 74119

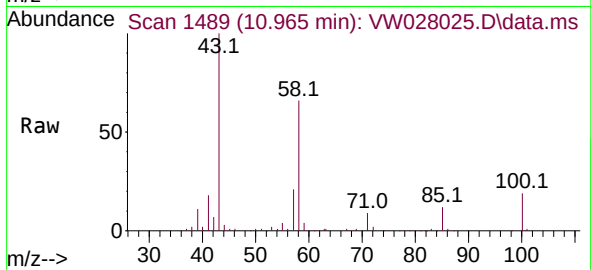
Ion	Ratio	Lower	Upper
164	100		
129	93.5	59.4	110.2
131	99.4	65.0	120.6
166	118.1	86.7	161.1



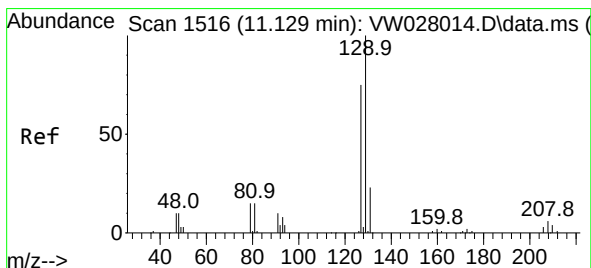
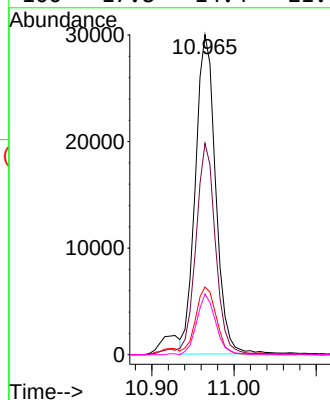
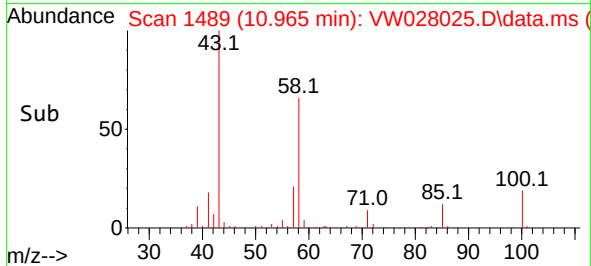


#48
2-Hexanone
Concen: 60.583 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Instrument :
MSVOA_W
ClientSampleId :

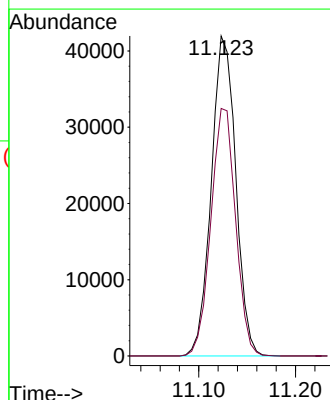
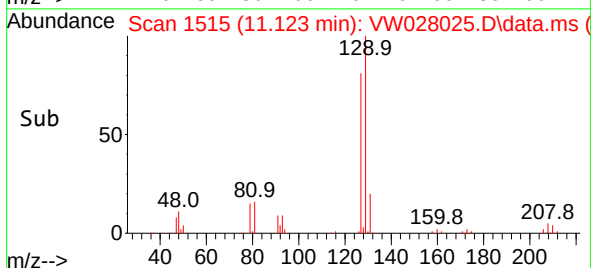
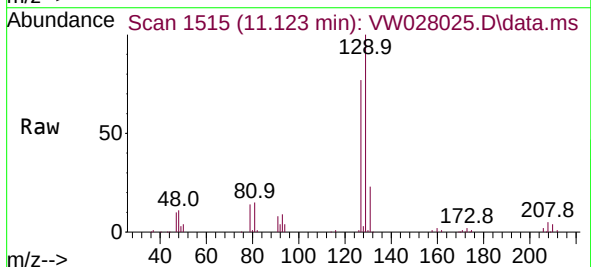


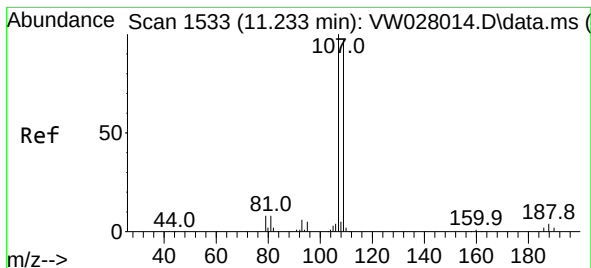
Tgt Ion: 43 Resp: 51211
Ion Ratio Lower Upper
43 100
58 64.2 51.4 77.2
57 21.6 17.4 26.2
100 17.8 14.4 21.6



#49
Dibromochloromethane
Concen: 27.636 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion: 129 Resp: 73737
Ion Ratio Lower Upper
129 100
127 77.3 49.6 92.0

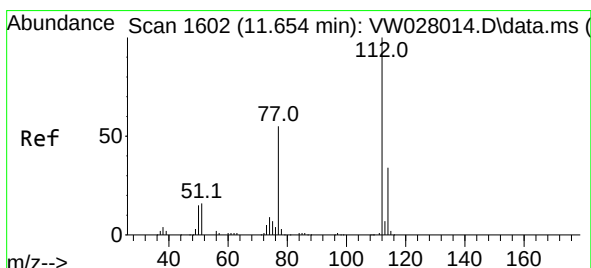
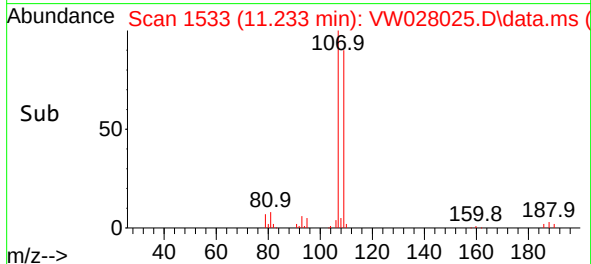
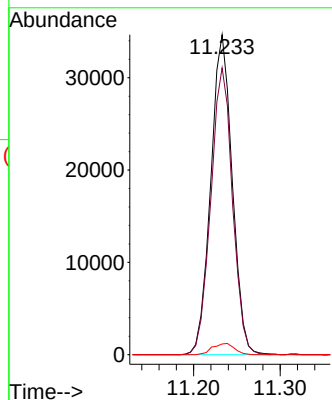
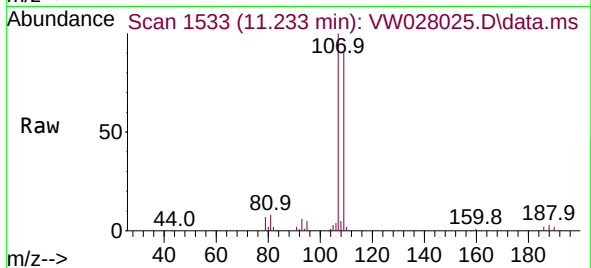




#50
1,2-Dibromoethane
Concen: 27.328 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

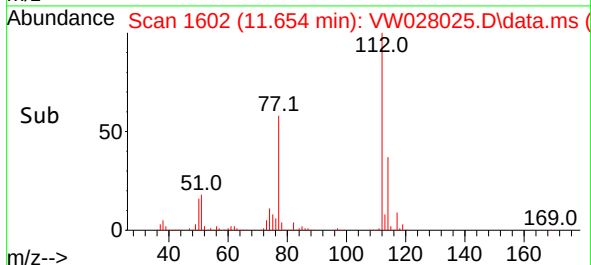
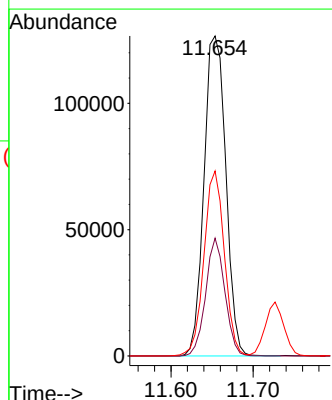
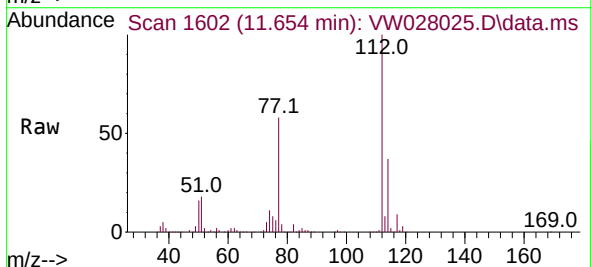
Instrument :
MSVOA_W
ClientSampleId :

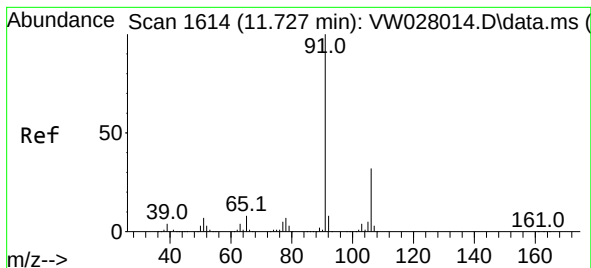
Tgt Ion:107 Resp: 59699
Ion Ratio Lower Upper
107 100
109 89.6 71.2 132.2
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 24.920 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion:112 Resp: 233833
Ion Ratio Lower Upper
112 100
114 36.8 22.7 42.3
77 57.8 42.6 64.0

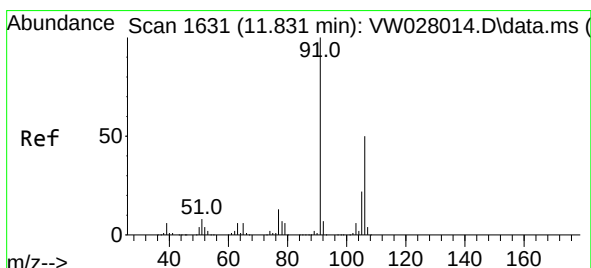
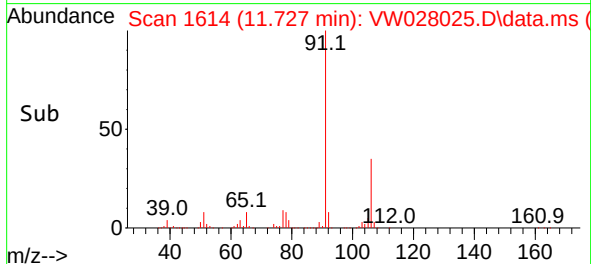
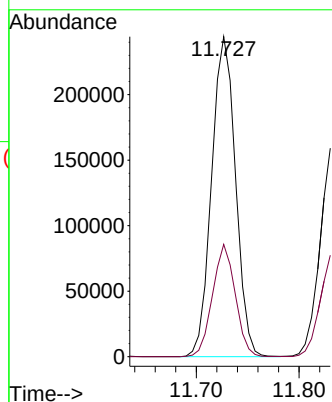
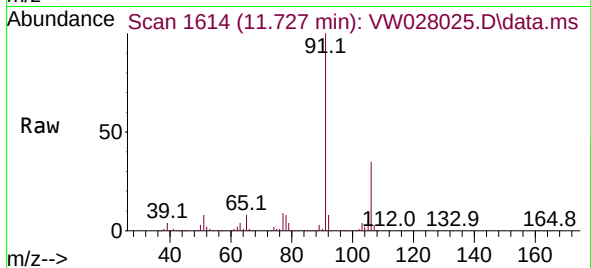




#52
Ethylbenzene
Concen: 24.815 ug/L
RT: 11.727 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

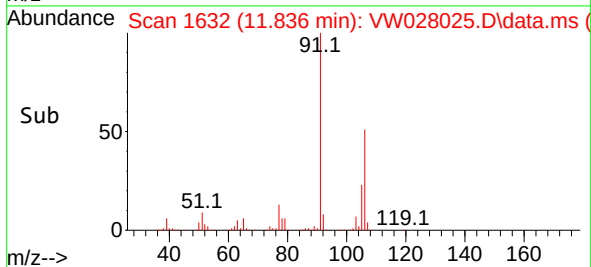
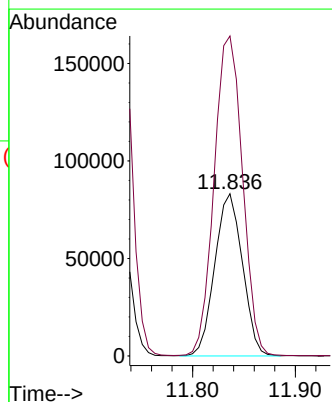
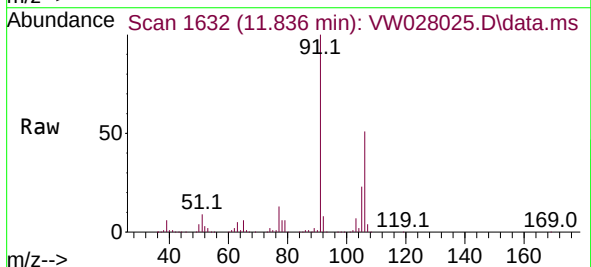
Instrument :
MSVOA_W
ClientSampleId :

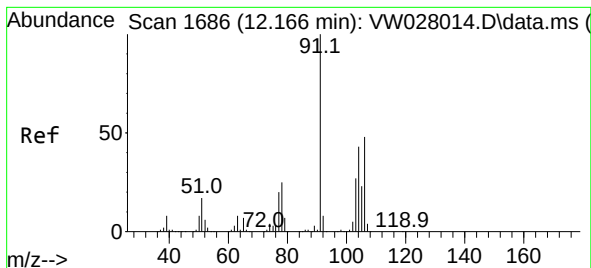
Tgt Ion: 91 Resp: 394718
Ion Ratio Lower Upper
91 100
106 35.1 22.8 42.4



#53
m,p-Xylene
Concen: 24.972 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion:106 Resp: 155781
Ion Ratio Lower Upper
106 100
91 197.2 130.0 241.4





#54

o-Xylene

Concen: 25.428 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

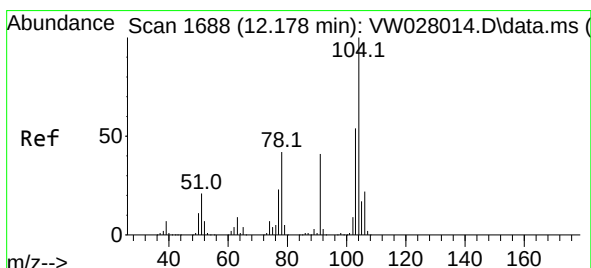
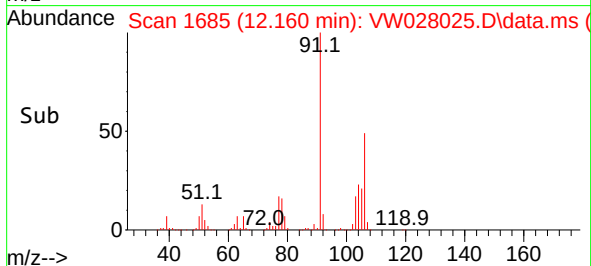
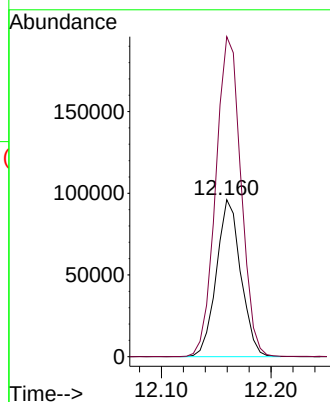
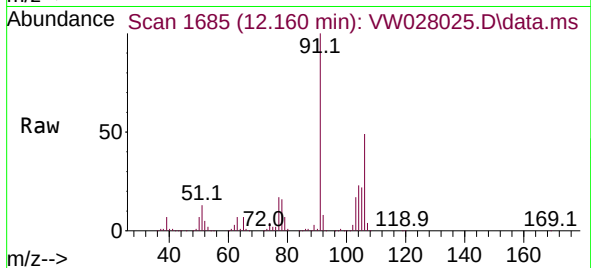
ClientSampleId :

Tgt Ion:106 Resp: 148770

Ion Ratio Lower Upper

106 100

91 203.9 146.4 272.0



#55

Styrene

Concen: 26.160 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028025.D

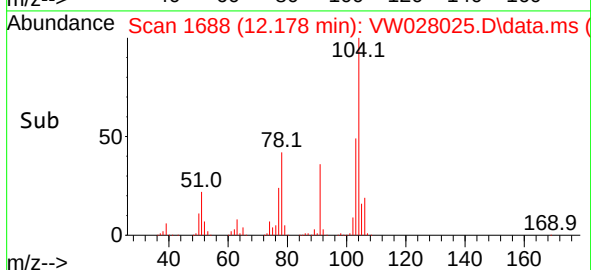
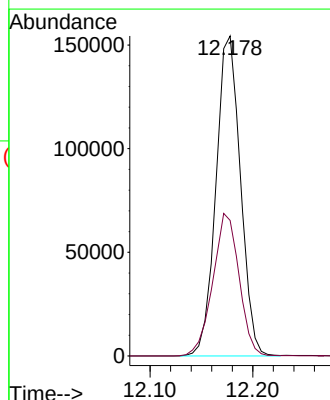
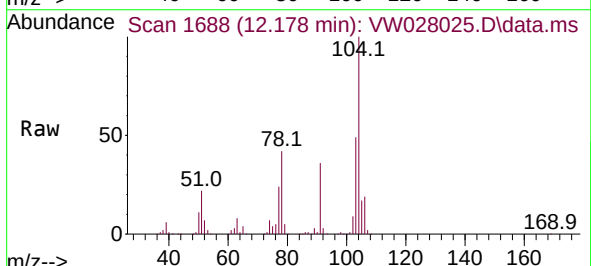
Acq: 15 Feb 2024 17:18

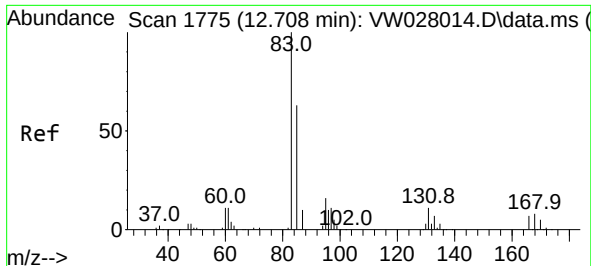
Tgt Ion:104 Resp: 254929

Ion Ratio Lower Upper

104 100

78 42.3 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.706 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028025.D

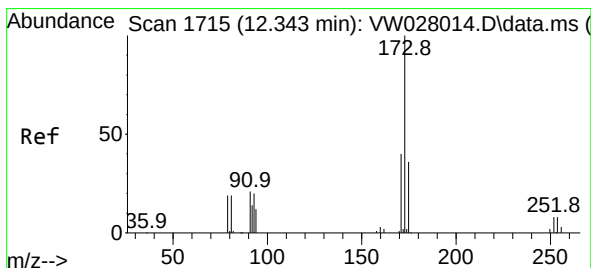
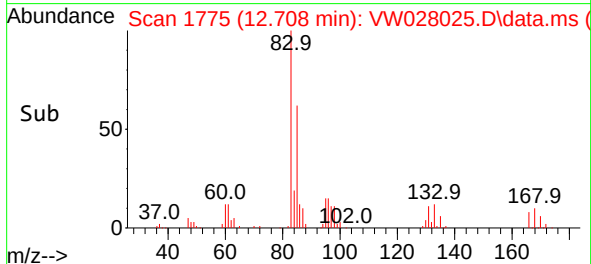
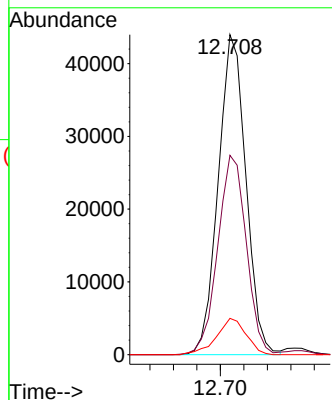
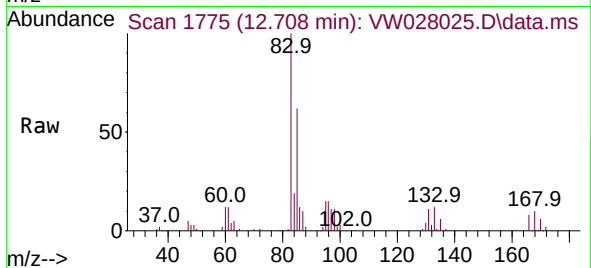
Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 71943
Ion Ratio	Lower Upper
83 100	
85 62.3	42.9 79.7
131 11.3	8.7 13.1



#59

Bromoform

Concen: 28.920 ug/L

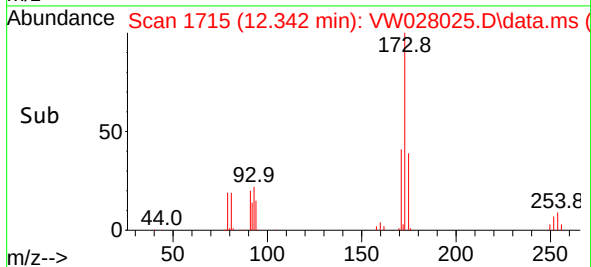
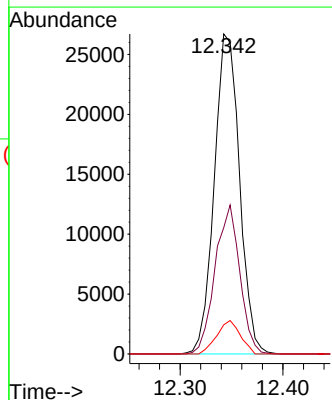
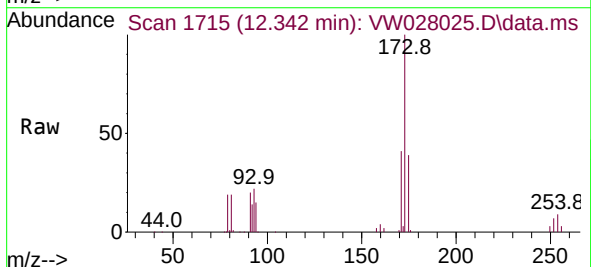
RT: 12.342 min Scan# 1715

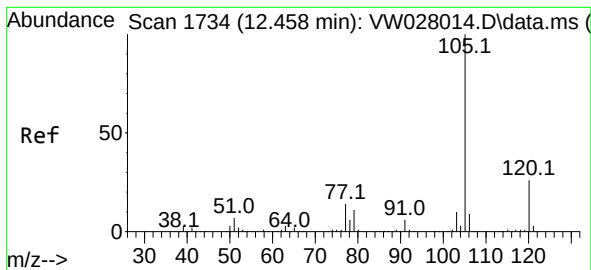
Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Tgt Ion: 173	Resp: 45577
Ion Ratio	Lower Upper
173 100	
175 45.4	37.8 56.8
254 9.7	8.4 12.6





#60

Isopropylbenzene

Concen: 24.831 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :

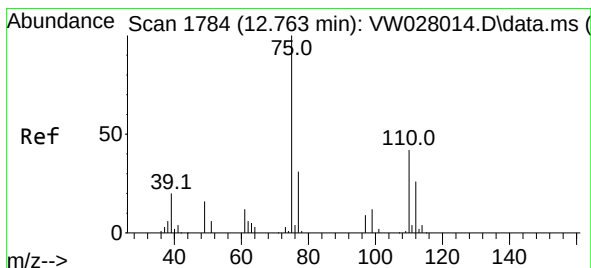
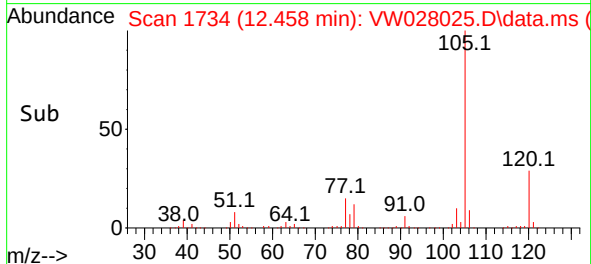
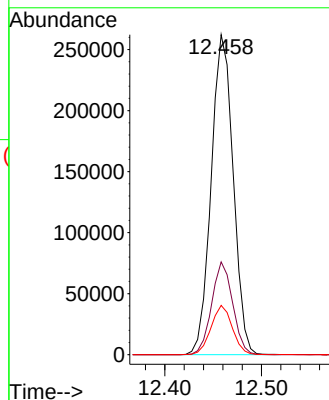
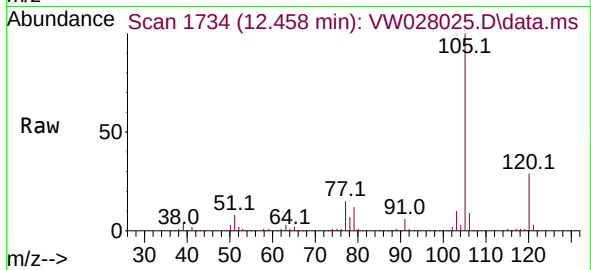
Tgt Ion:105 Resp: 413972

Ion Ratio Lower Upper

105 100

120 27.7 22.2 33.2

77 14.9 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 28.043 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

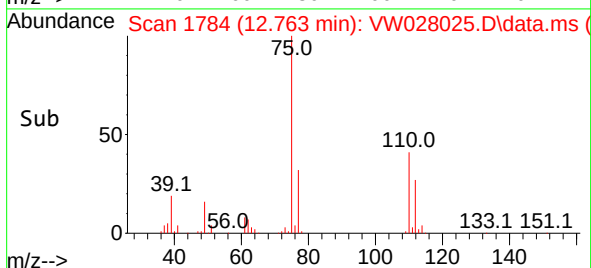
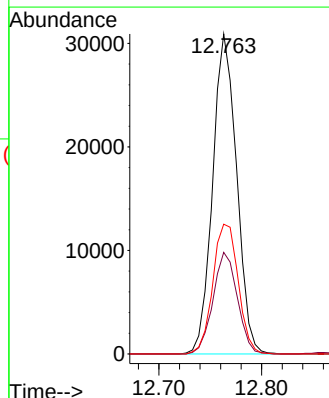
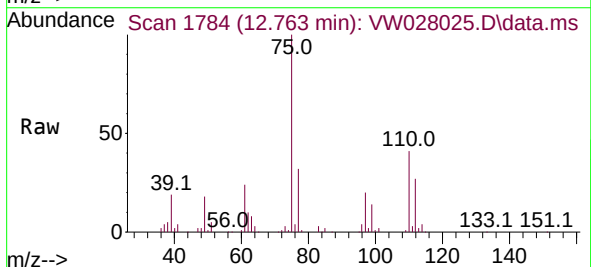
Tgt Ion: 75 Resp: 49972

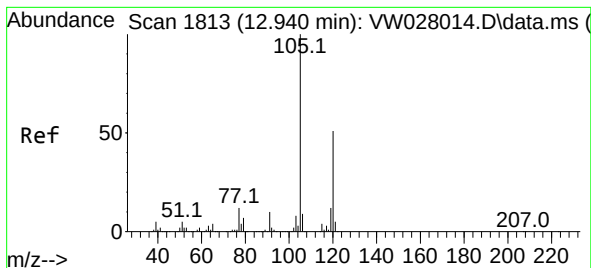
Ion Ratio Lower Upper

75 100

77 32.3 26.5 39.7

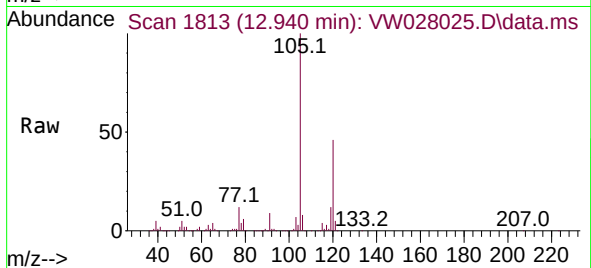
110 43.0 35.8 53.8



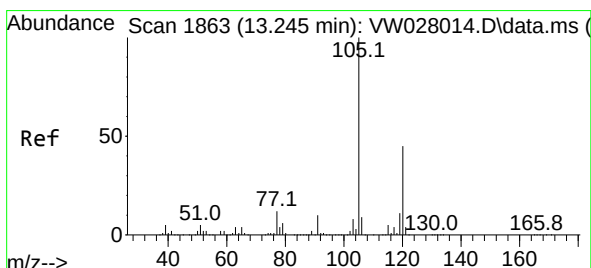
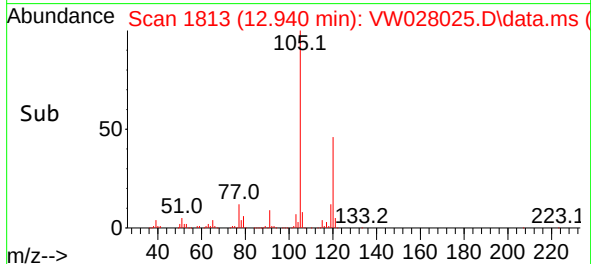
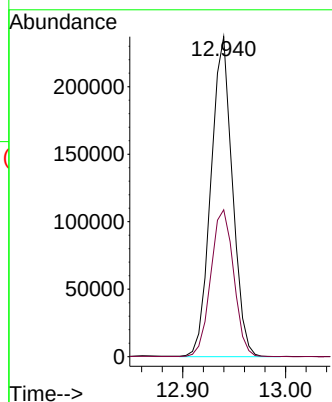


#62
1,3,5-Trimethylbenzene
Concen: 25.789 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Instrument :
MSVOA_W
ClientSampleId :

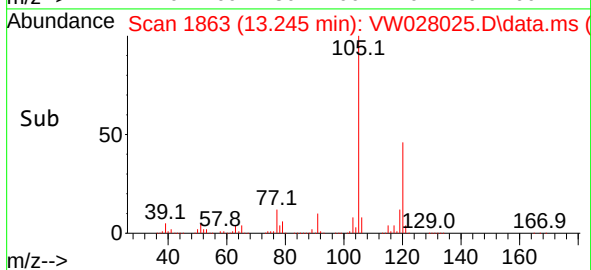
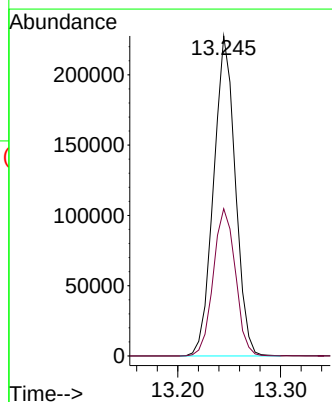
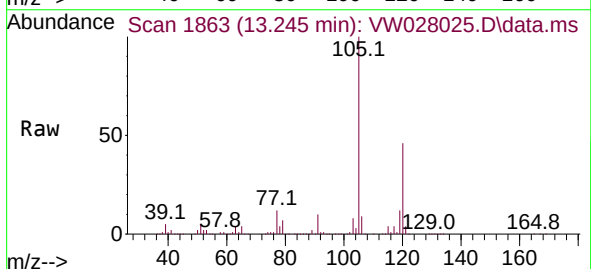


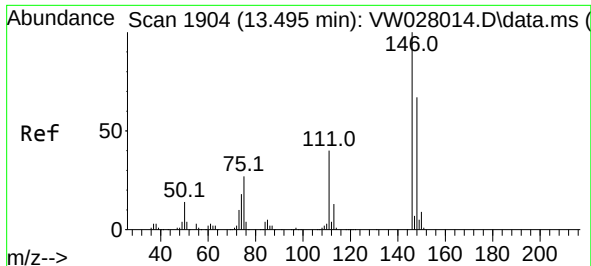
Tgt Ion:105 Resp: 344062
Ion Ratio Lower Upper
105 100
120 49.0 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 25.594 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion:105 Resp: 334136
Ion Ratio Lower Upper
105 100
120 46.9 36.4 54.6

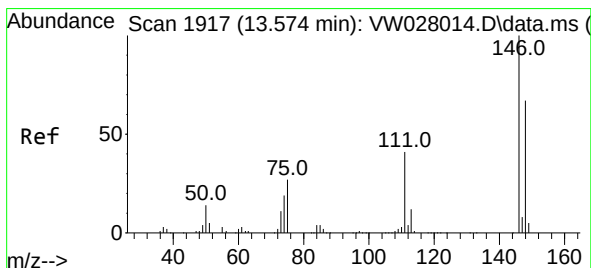
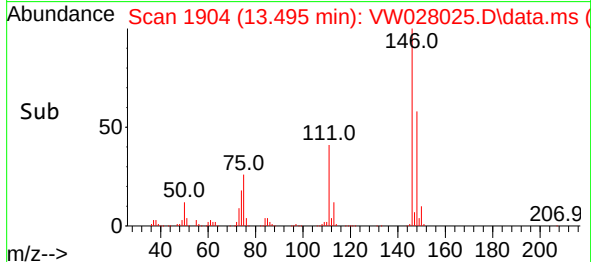
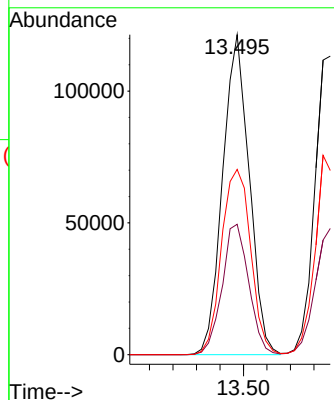
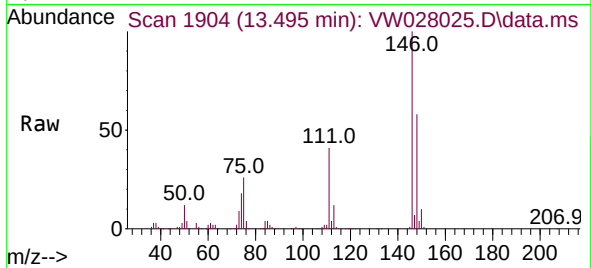




#64
1,3-Dichlorobenzene
Concen: 24.915 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

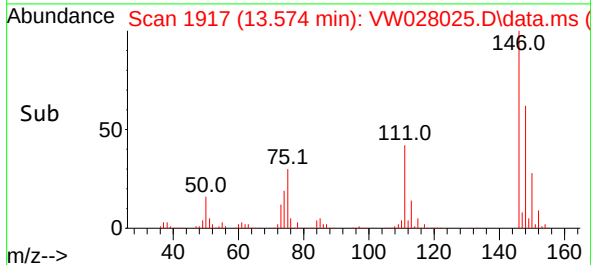
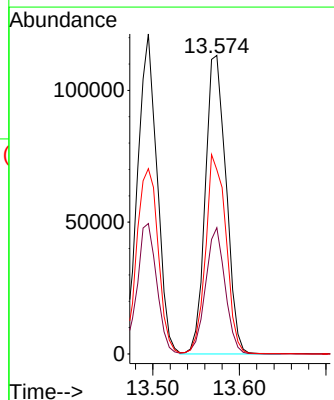
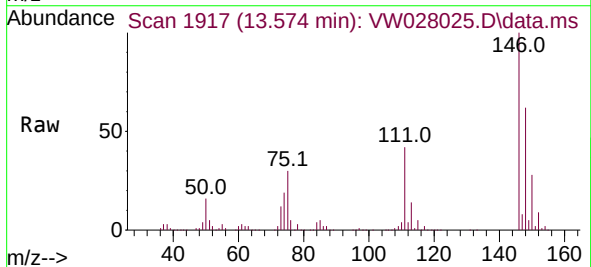
Instrument :
MSVOA_W
ClientSampleId :

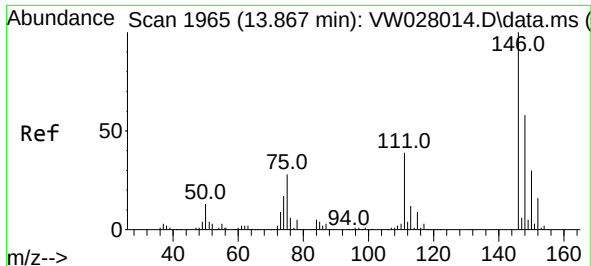
Tgt Ion:146 Resp: 190811
Ion Ratio Lower Upper
146 100
111 40.8 26.9 49.9
148 57.9 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.222 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028025.D
Acq: 15 Feb 2024 17:18

Tgt Ion:146 Resp: 188612
Ion Ratio Lower Upper
146 100
111 42.3 24.1 44.8
148 61.7 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.988 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :

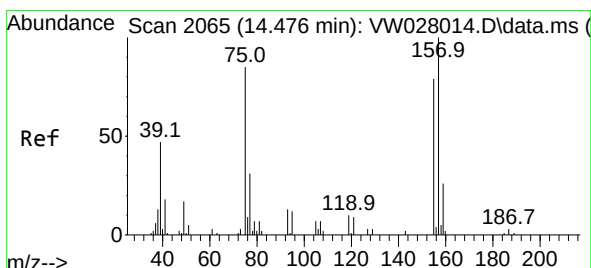
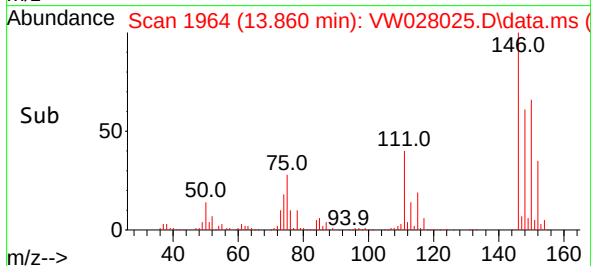
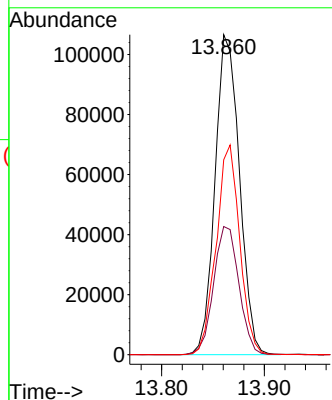
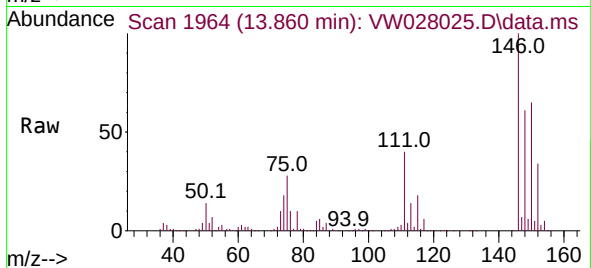
Tgt Ion:146 Resp: 175794

Ion Ratio Lower Upper

146 100

111 40.0 30.6 46.0

148 60.9 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 28.949 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

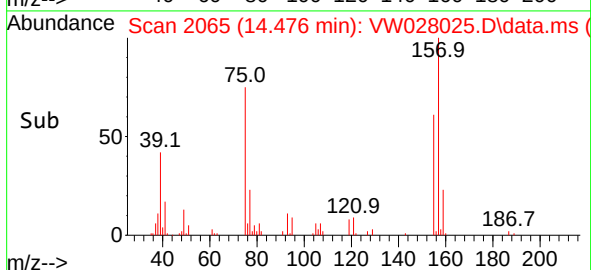
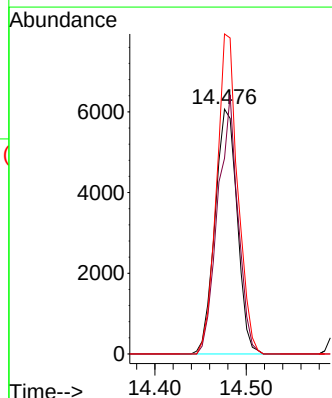
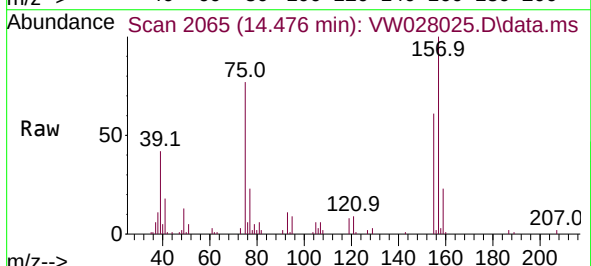
Tgt Ion: 75 Resp: 10242

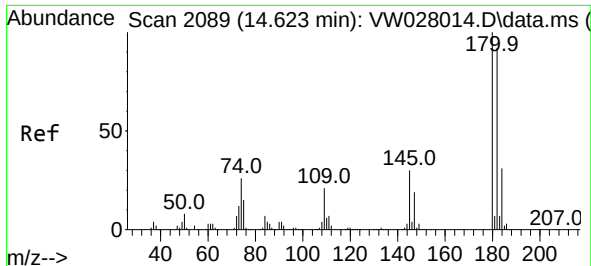
Ion Ratio Lower Upper

75 100

155 79.9 68.7 103.1

157 130.7 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 24.514 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

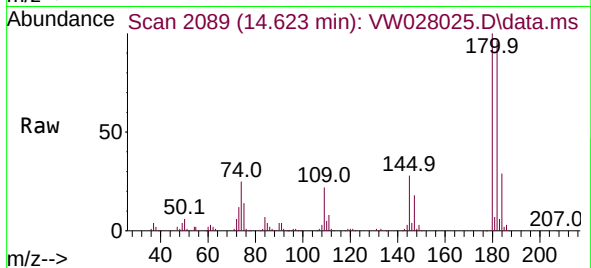
Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 134815

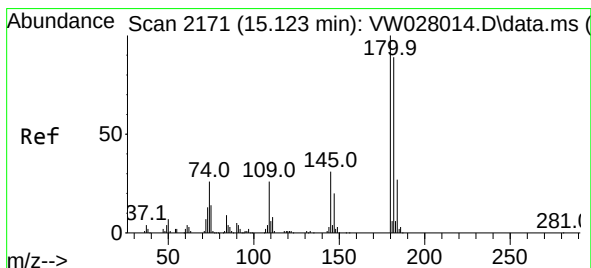
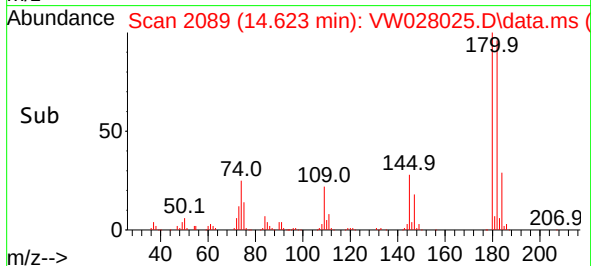
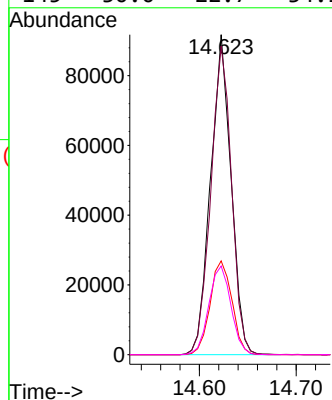
Ion Ratio Lower Upper

180 100

182 97.9 72.1 108.1

184 31.4 24.4 36.6

145 30.0 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.623 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

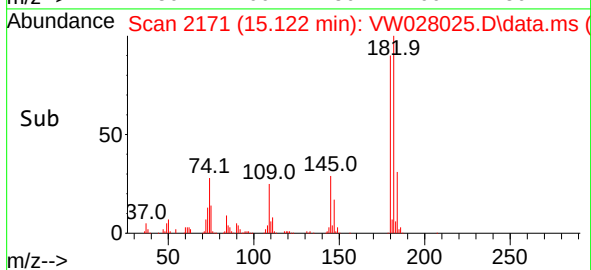
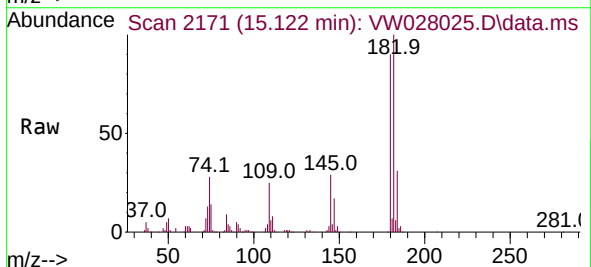
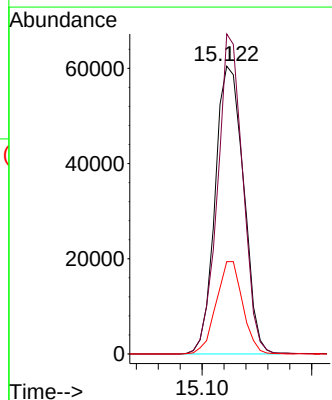
Tgt Ion:180 Resp: 109351

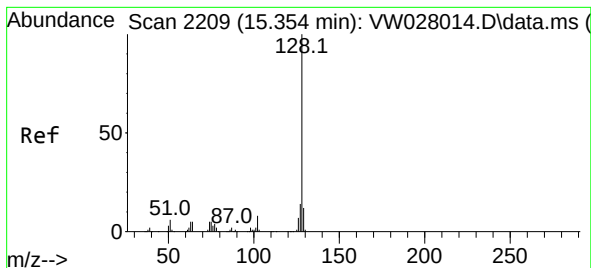
Ion Ratio Lower Upper

180 100

182 98.7 77.0 115.6

145 29.9 23.4 35.0





#71

Naphthalene

Concen: 28.623 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Instrument :

MSVOA_W

ClientSampleId :

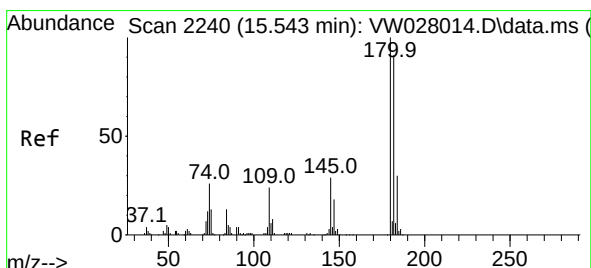
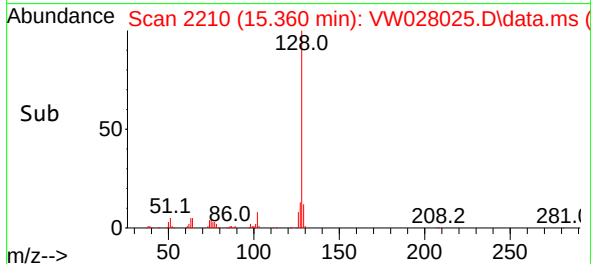
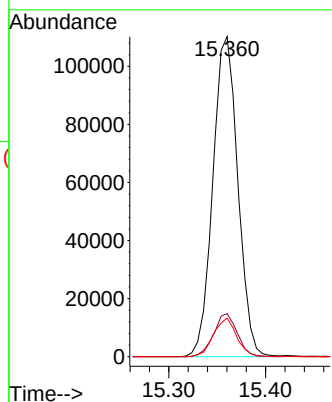
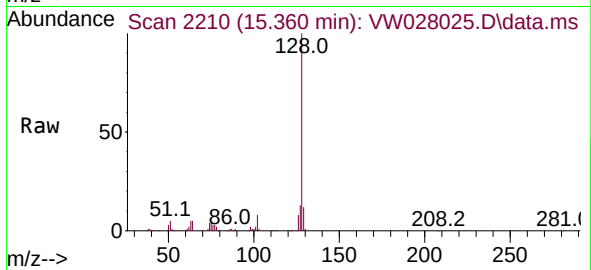
Tgt Ion:128 Resp: 197526

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.2 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 25.956 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028025.D

Acq: 15 Feb 2024 17:18

Tgt Ion:180 Resp: 96172

Ion Ratio Lower Upper

180 100

182 100.1 76.5 114.7

145 32.4 25.8 38.8

