

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
 Data File : VW028560.D
 Acq On : 01 May 2024 14:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 02 02:21:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 02 02:18:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	221395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	201575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	97930	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56598	15.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.800%
7) Chloroethane-d5	2.899	69	51636	19.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	4.021	65	26399	17.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.240%
21) 2-Butanone-d5	7.075	46	61671	92.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.700%#
24) Chloroform-d	7.648	84	131513	22.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	8.307	65	77323	25.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	8.270	84	238209	21.632	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.520%
36) 1,2-Dichloropropane-d6	9.270	67	74046	22.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.318	98	207789	20.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	10.575	79	31867	24.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.920%
47) 2-Hexanone-d5	10.922	63	39931	88.069	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.140%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81604	35.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	141.360%#
66) 1,2-Dichlorobenzene-d4	13.848	152	75356	24.332	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73207	24.585	ug/L	98
3) Chloromethane	2.228	50	93084	26.625	ug/L	98
5) Vinyl chloride	2.375	62	101123	24.288	ug/L	98
6) Bromomethane	2.789	94	62234	23.925	ug/L	99
8) Chloroethane	2.936	64	62302	24.823	ug/L	98
9) Trichlorofluoromethane	3.271	101	94290	28.389	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77733	24.876	ug/L	96
12) 1,1-Dichloroethene	4.045	96	73420	25.024	ug/L	88
13) Acetone	4.124	43	74696	91.594	ug/L	98
14) Carbon disulfide	4.387	76	221946	22.977	ug/L	100
15) Methyl Acetate	4.673	43	53847	41.037	ug/L	100
16) Methylene chloride	4.917	84	82531	24.636	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	77530	25.086	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	128615	29.584	ug/L	99
19) 1,1-Dichloroethane	6.216	63	158557	26.331	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	85183	25.969	ug/L	97
22) 2-Butanone	7.173	43	84916	85.801	ug/L	97
23) Bromochloromethane	7.520	128	37705	26.687	ug/L	97
25) Chloroform	7.673	83	156911	26.527	ug/L	96

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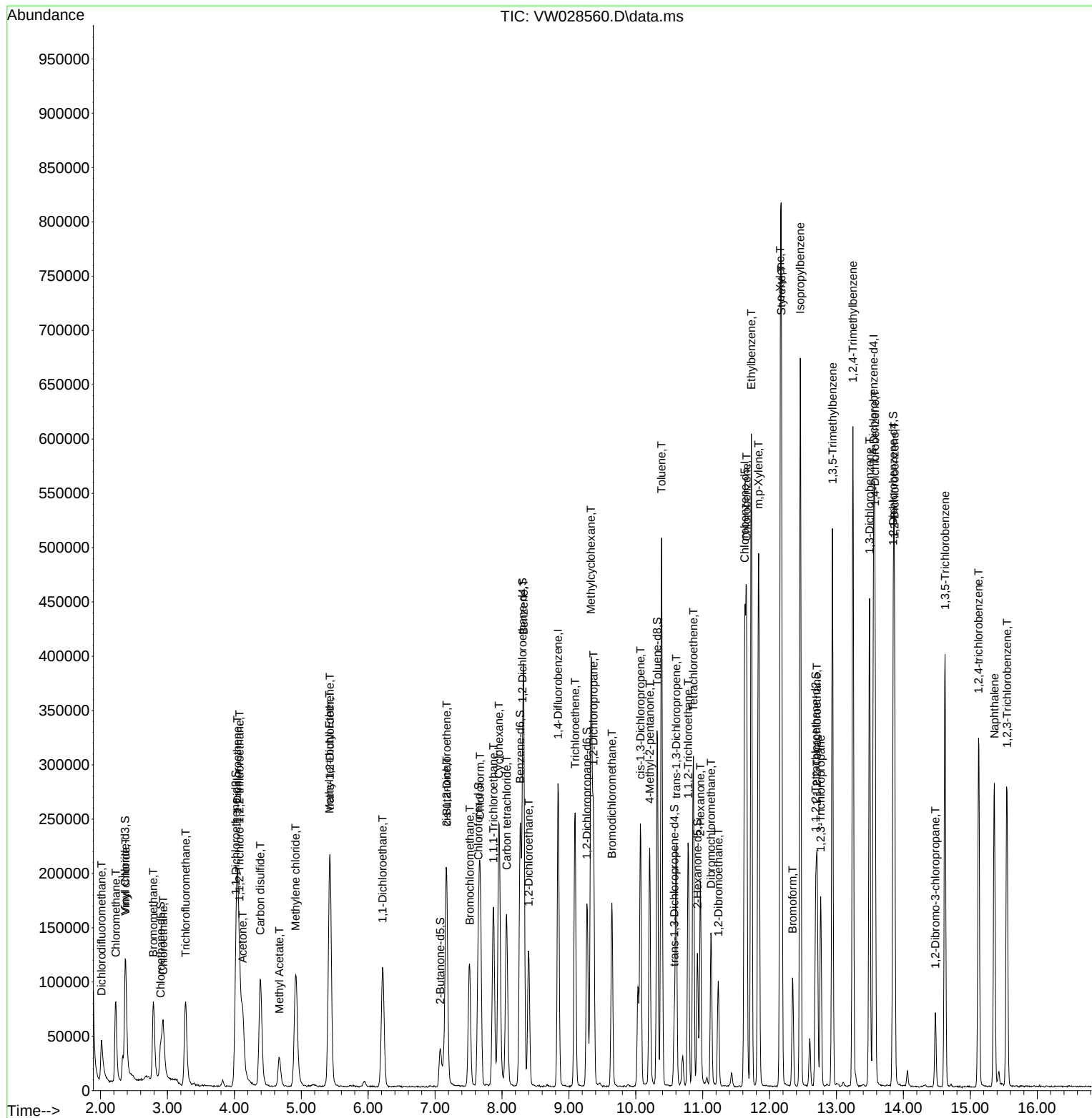
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	116252	28.475	ug/L	98
29) Cyclohexane	7.953	56	140369	26.363	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131252	26.848	ug/L	99
31) Carbon tetrachloride	8.069	117	115649	26.677	ug/L	99
33) Benzene	8.325	78	330706	26.240	ug/L	100
34) Trichloroethene	9.093	95	87744	25.690	ug/L	96
35) Methylcyclohexane	9.331	83	150247	25.779	ug/L	99
37) 1,2-Dichloropropane	9.367	63	87514	26.642	ug/L	99
38) Bromodichloromethane	9.642	83	110478	27.134	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	132720	27.552	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	147700	89.821	ug/L	99
42) Toluene	10.386	91	349596	26.184	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	114701	29.434	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	67542	30.392	ug/L	97
46) Tetrachloroethene	10.861	164	63434	24.864	ug/L	91
48) 2-Hexanone	10.965	43	120010	91.944	ug/L	98
49) Dibromochloromethane	11.123	129	69523	29.269	ug/L	96
50) 1,2-Dibromoethane	11.233	107	63633	31.372	ug/L	100
51) Chlorobenzene	11.654	112	216115	26.041	ug/L	99
52) Ethylbenzene	11.727	91	401923	26.556	ug/L	100
53) m,p-Xylene	11.836	106	149447	26.552	ug/L	92
54) o-Xylene	12.160	106	138423	26.413	ug/L	100
55) Styrene	12.178	104	242349	27.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90577	36.015	ug/L	99
59) Bromoform	12.342	173	41830	32.359	ug/L	99
60) Isopropylbenzene	12.458	105	398718	27.158	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68580	38.304	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	254752	27.224	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	307989	27.349	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	165552	26.575	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	167388	26.415	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	153534	28.019	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	16731	40.780	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	109626	25.574	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	93689	27.987	ug/L	95
71) Naphthalene	15.360	128	226478	38.228	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82947	27.923	ug/L	97

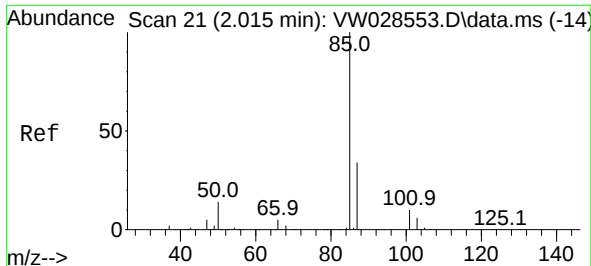
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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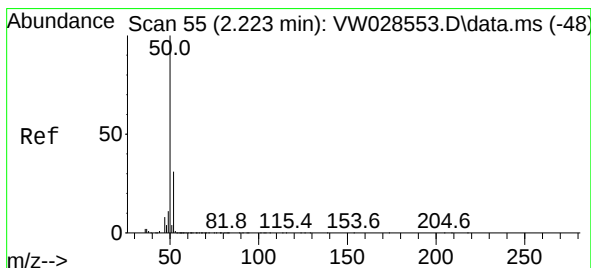
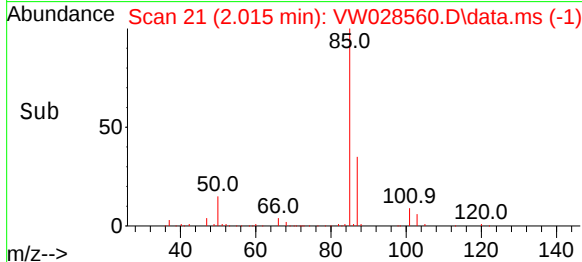
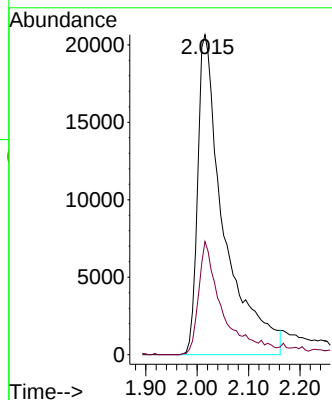
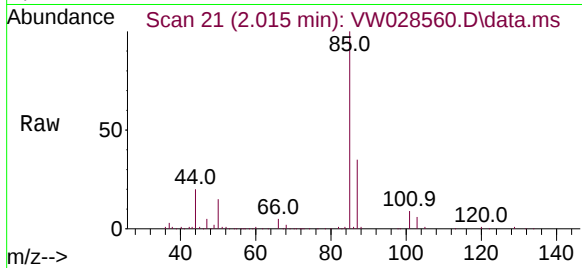




#2
 Dichlorodifluoromethane
 Concen: 24.585 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028560.D
 Acq: 01 May 2024 14:38

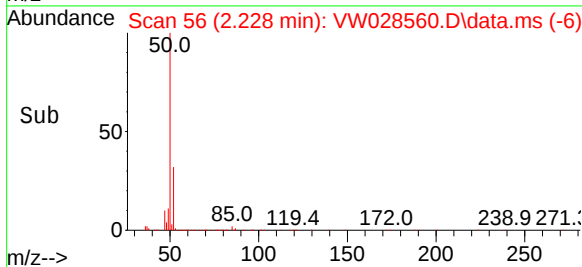
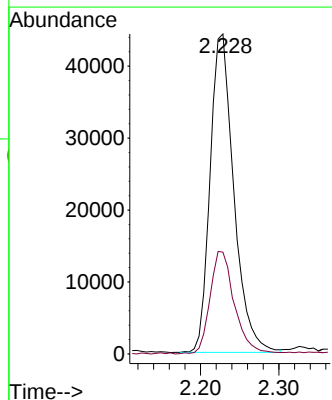
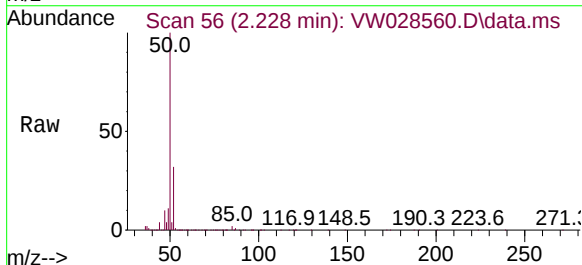
Instrument :
 MSVOA_W
 ClientSampleId :

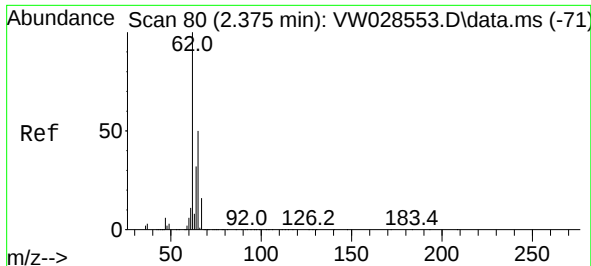
Tgt Ion: 85 Resp: 73207
 Ion Ratio Lower Upper
 85 100
 87 28.2 23.4 35.0



#3
 Chloromethane
 Concen: 26.625 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028560.D
 Acq: 01 May 2024 14:38

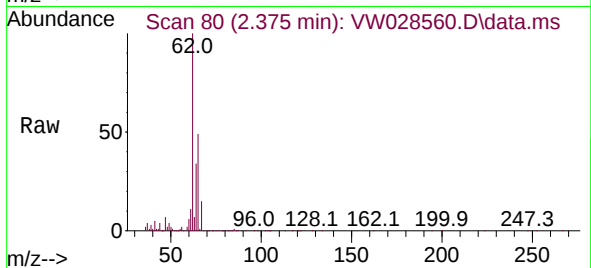
Tgt Ion: 50 Resp: 93084
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.6



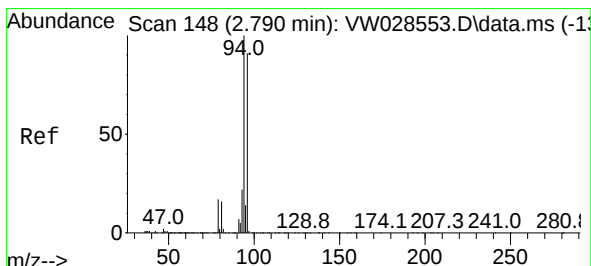
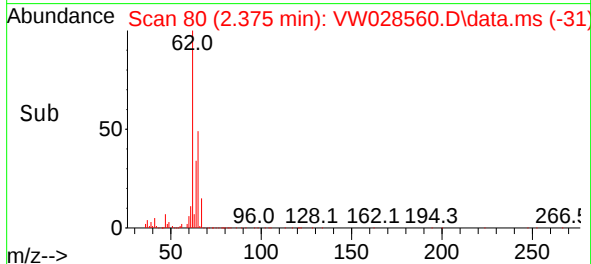
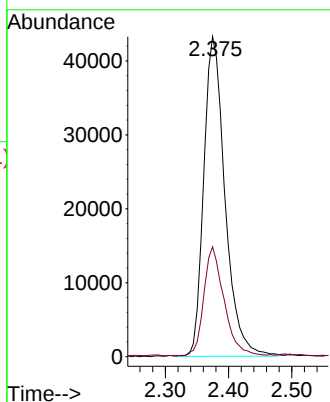


#5
 Vinyl chloride
 Concen: 24.288 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028560.D
 Acq: 01 May 2024 14:38

Instrument :
 MSVOA_W
 ClientSampleId :

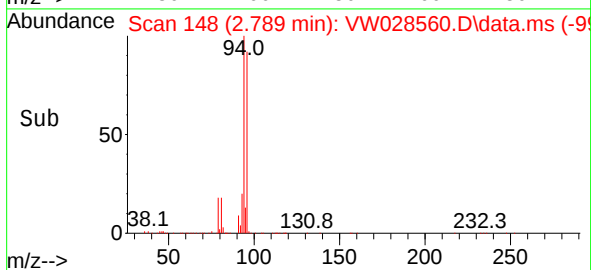
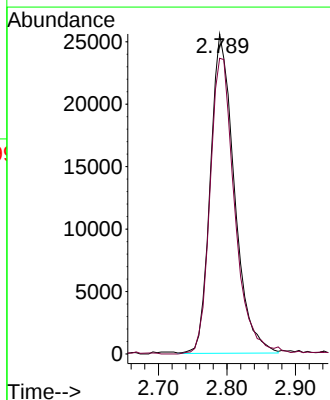
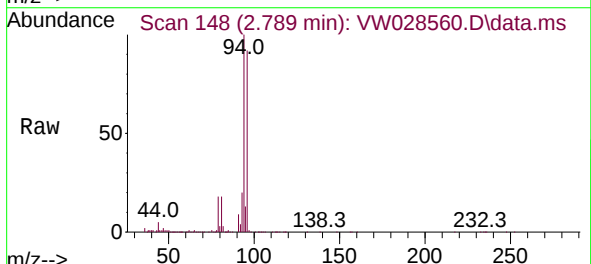


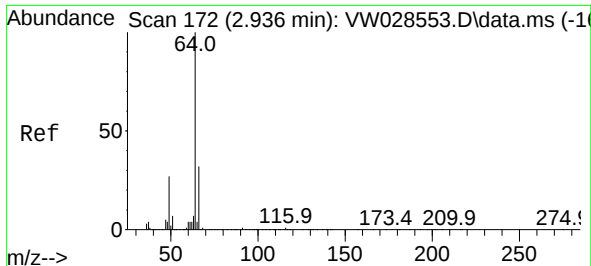
Tgt Ion: 62 Resp: 101123
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.1 42.9



#6
 Bromomethane
 Concen: 23.925 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028560.D
 Acq: 01 May 2024 14:38

Tgt Ion: 94 Resp: 62234
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.3 119.5

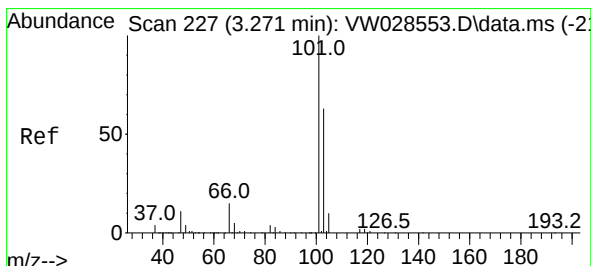
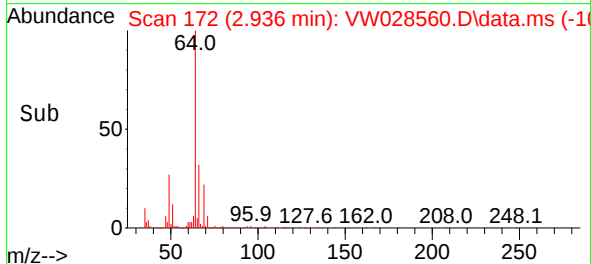
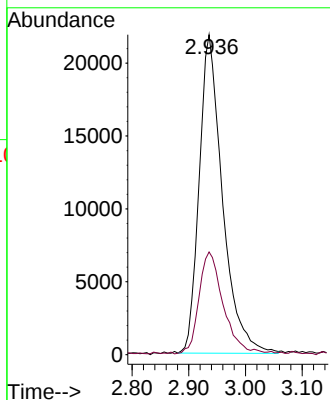
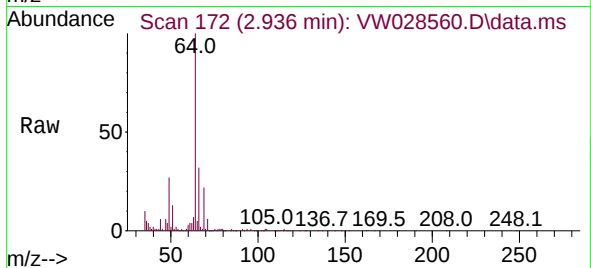




#8
Chloroethane
Concen: 24.823 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

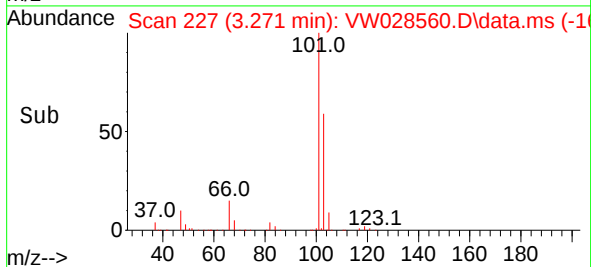
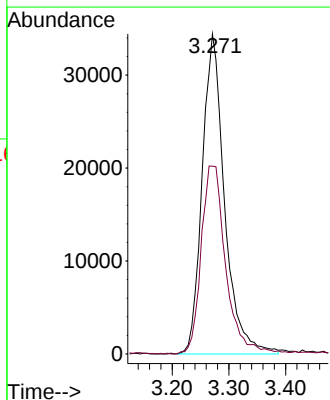
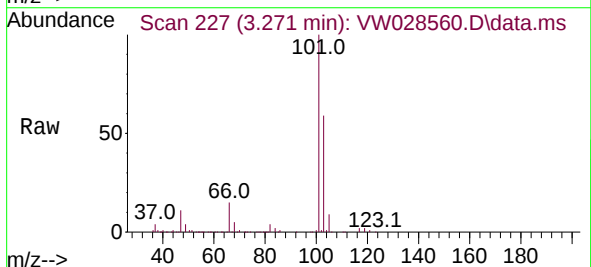
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MSVOA_W
ClientSampleId :

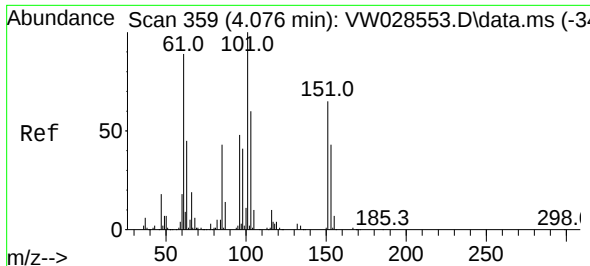
Tgt Ion: 64 Resp: 62302
Ion Ratio Lower Upper
64 100
66 32.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 28.389 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

Tgt Ion:101 Resp: 94290
Ion Ratio Lower Upper
101 100
103 62.7 52.0 78.0





#10

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

Concen: 24.876 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

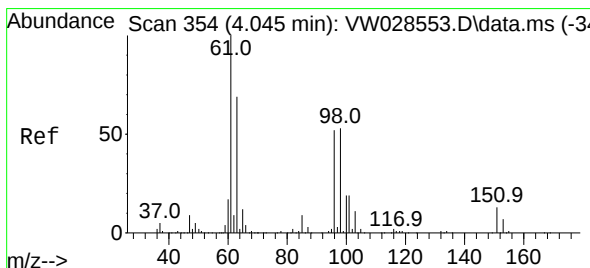
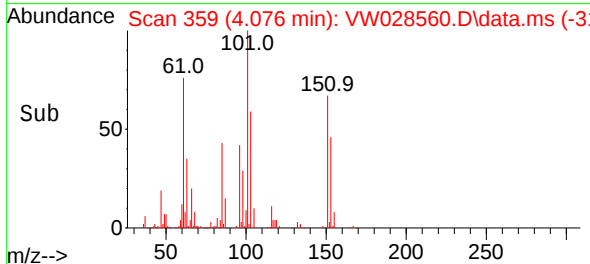
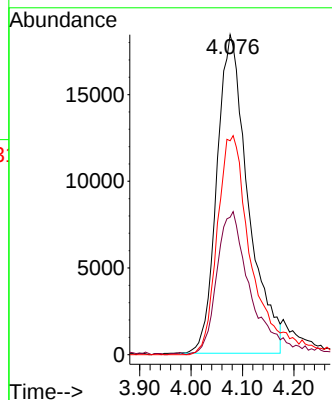
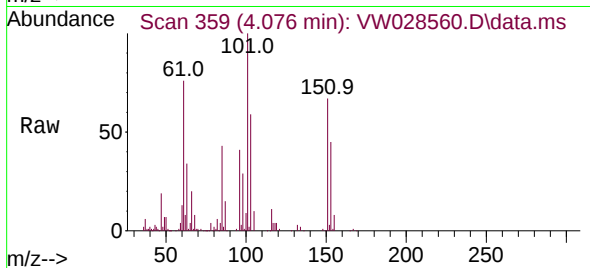
Tgt Ion:101 Resp: 77733

Ion Ratio Lower Upper

101 100

85 47.7 34.5 51.7

151 70.7 57.5 86.3



#12

1,1-Dichloroethene

Concen: 25.024 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028560.D

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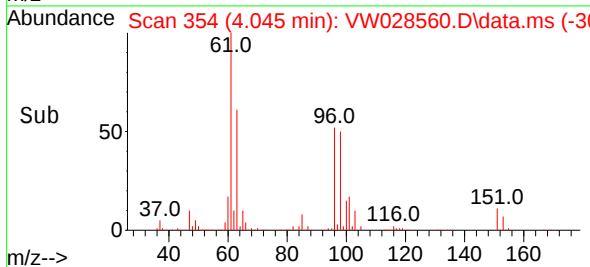
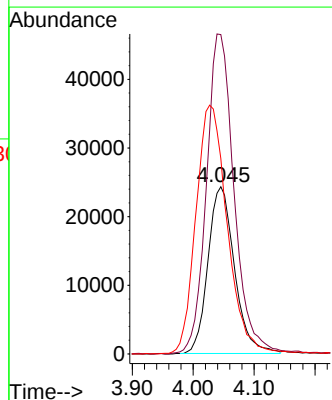
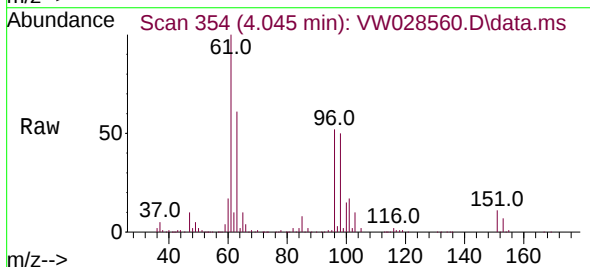
Tgt Ion: 96 Resp: 73420

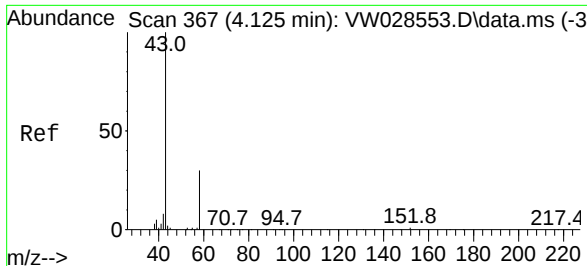
Ion Ratio Lower Upper

96 100

61 191.0 130.5 242.5

63 116.9 101.5 188.5

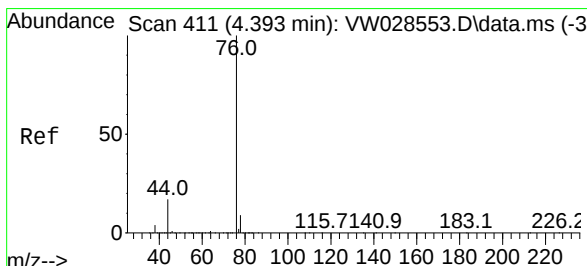
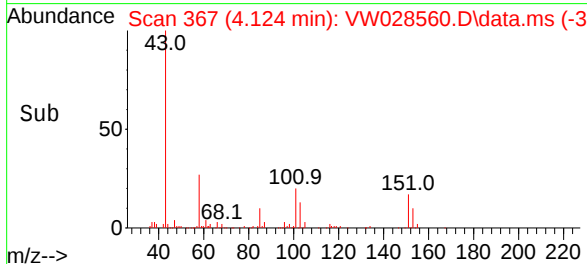
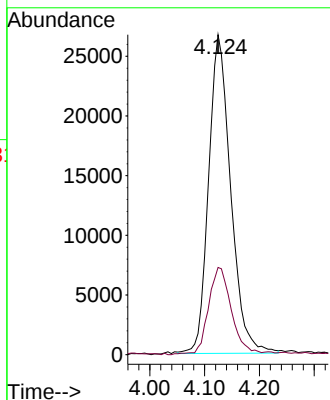
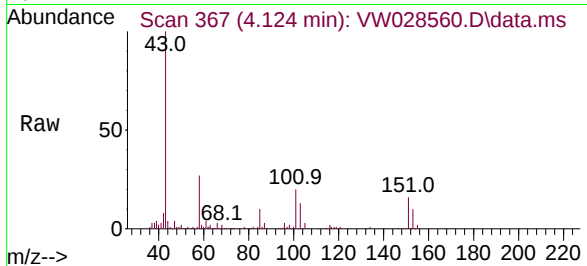




#13
Acetone
Concen: 91.594 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.000 min
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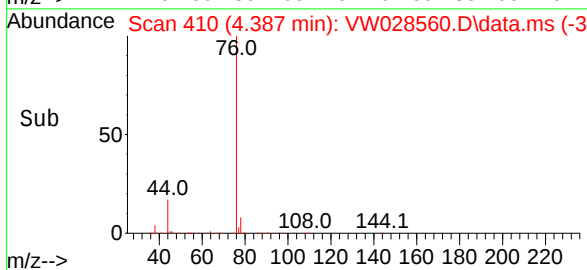
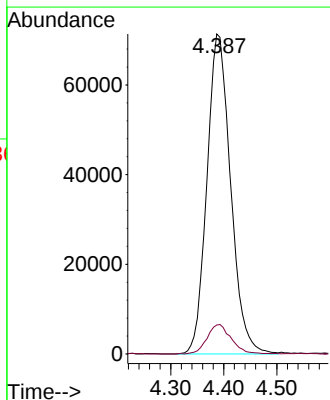
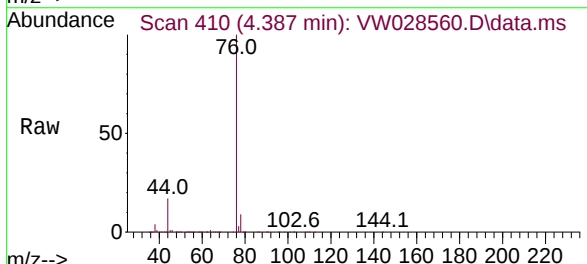
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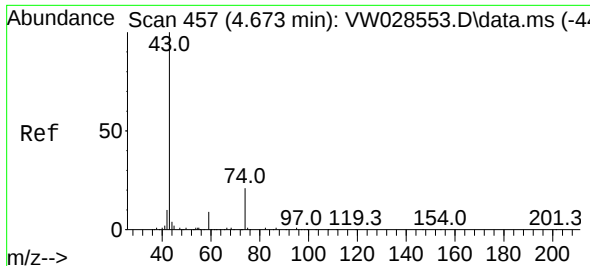
Tgt Ion: 43 Resp: 74696
Ion Ratio Lower Upper
43 100
58 27.7 0.0 53.4



#14
Carbon disulfide
Concen: 22.977 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 221946
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

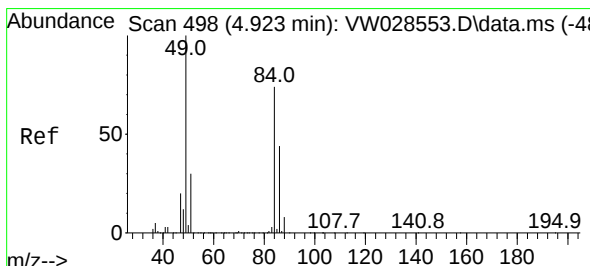
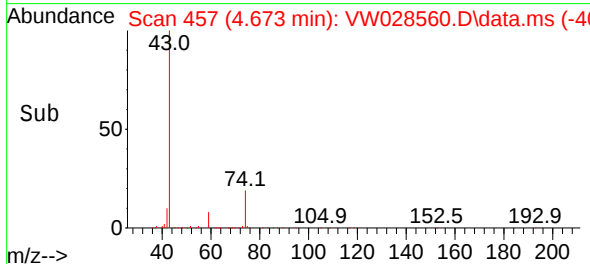
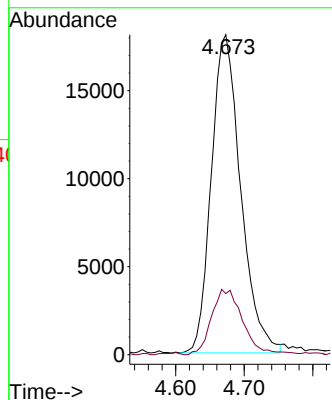
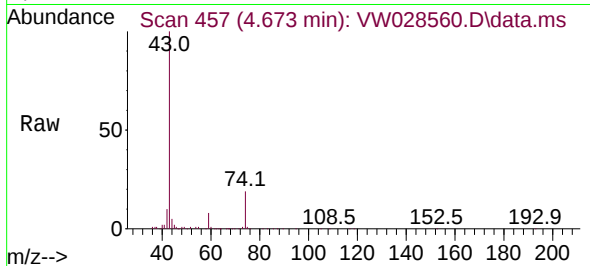




#15
Methyl Acetate
Concen: 41.037 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

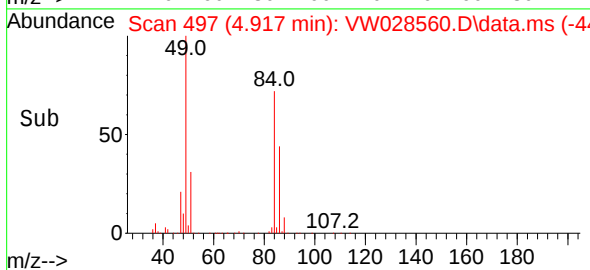
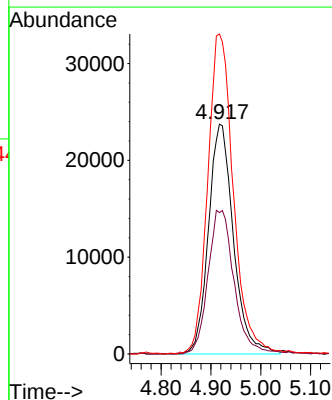
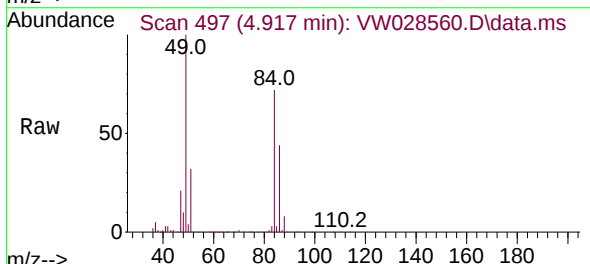
Instrument :
MSVOA_W
ClientSampleId :

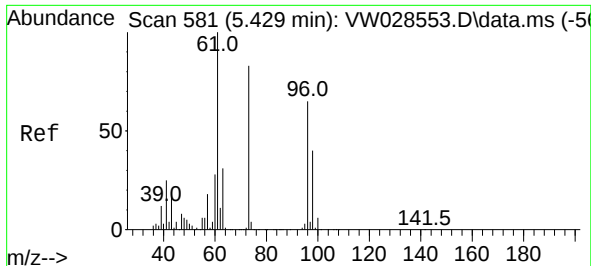
Tgt Ion: 43 Resp: 53847
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0



#16
Methylene chloride
Concen: 24.636 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

Tgt Ion: 84 Resp: 82531
Ion Ratio Lower Upper
84 100
86 61.6 44.2 82.0
49 139.3 95.0 176.4





#17

trans-1,2-Dichloroethene

Concen: 25.086 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

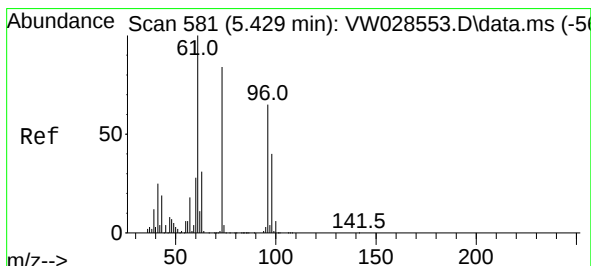
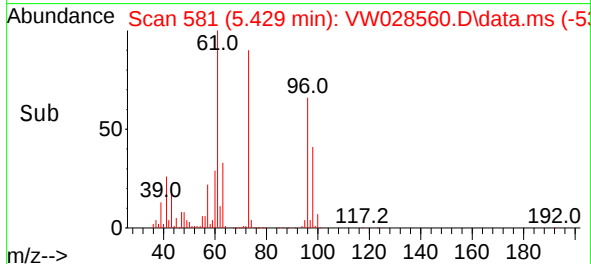
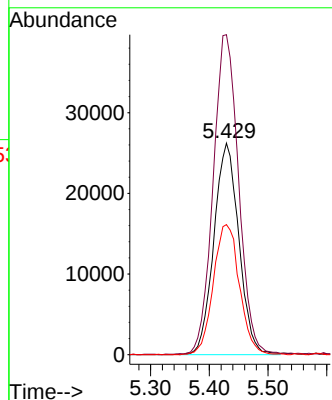
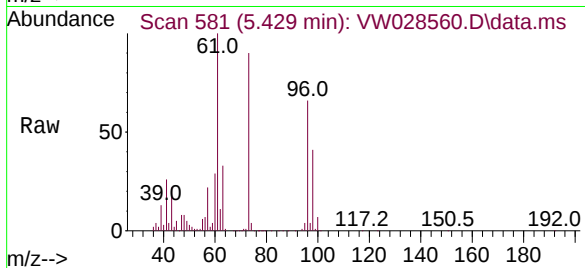
Tgt Ion: 96 Resp: 77530

Ion Ratio Lower Upper

96 100

61 151.2 108.4 201.4

98 61.5 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 29.584 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

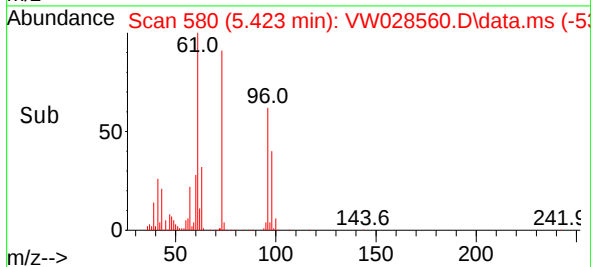
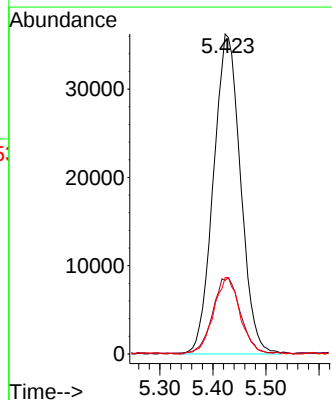
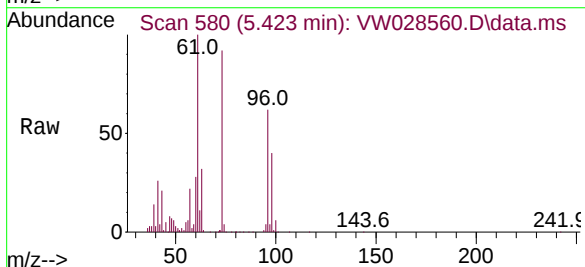
Tgt Ion: 73 Resp: 128615

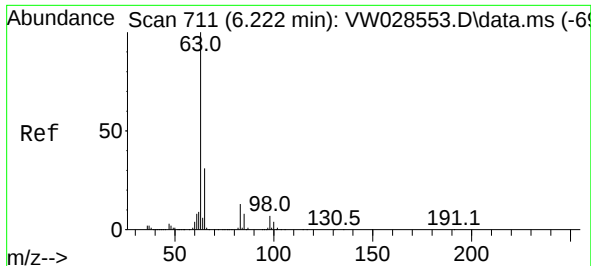
Ion Ratio Lower Upper

73 100

43 23.8 18.5 27.7

57 23.4 18.2 27.4

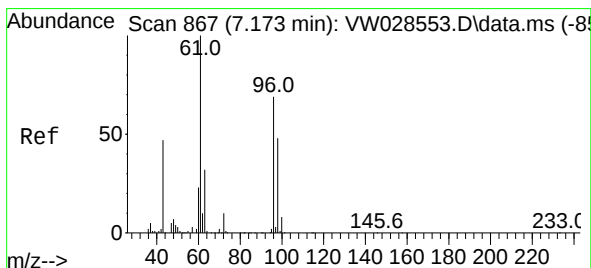
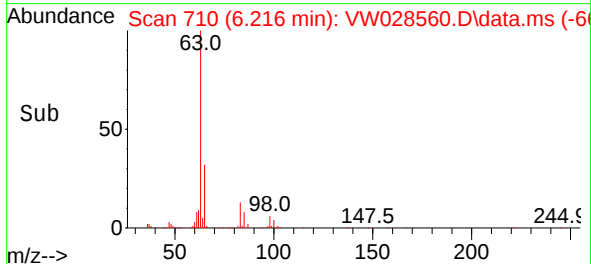
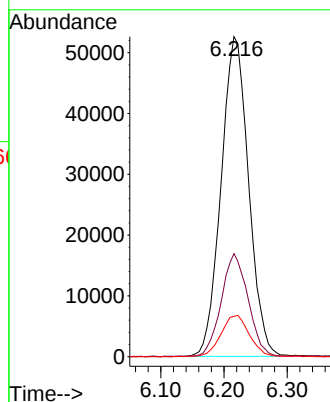
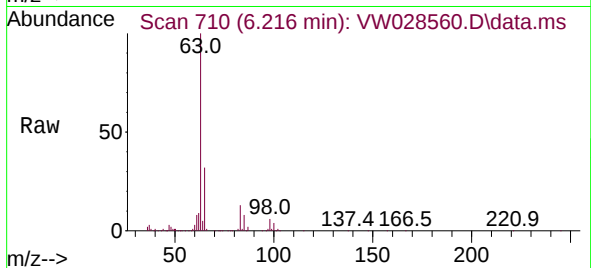




#19
1,1-Dichloroethane
Concen: 26.331 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

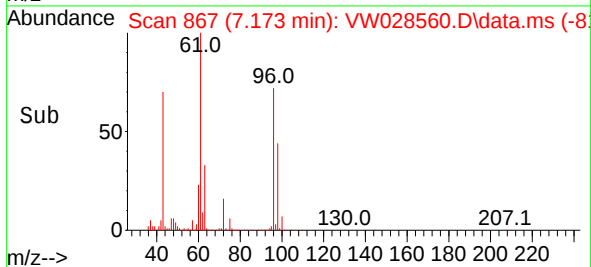
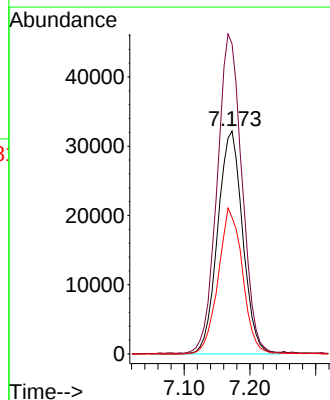
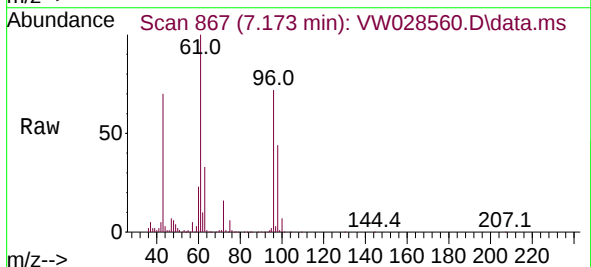
Instrument :
MSVOA_W
ClientSampleId :

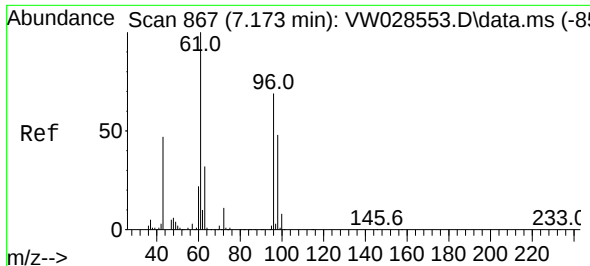
Tgt Ion: 63 Resp: 158557
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.4
83 12.6 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 25.969 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

Tgt Ion: 96 Resp: 85183
Ion Ratio Lower Upper
96 100
61 139.1 97.6 181.2
98 61.2 47.7 88.5

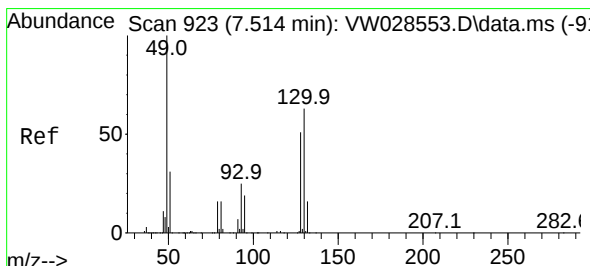
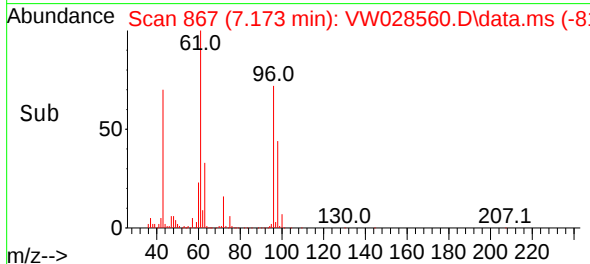
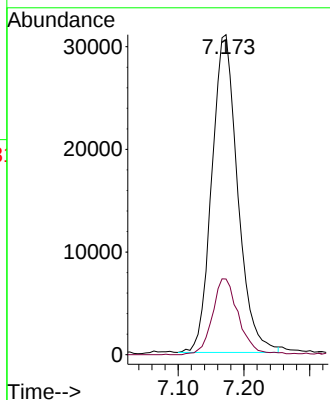
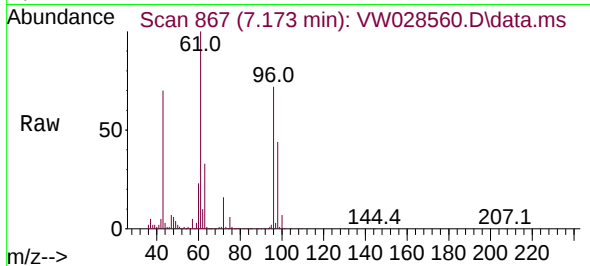




#22
2-Butanone
Concen: 85.801 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

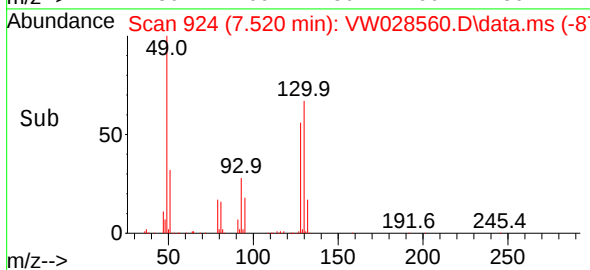
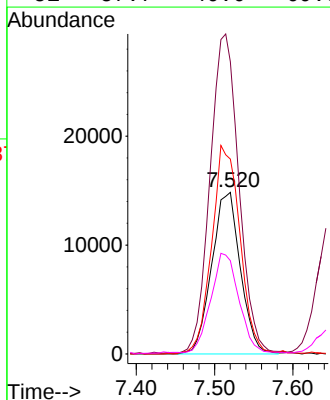
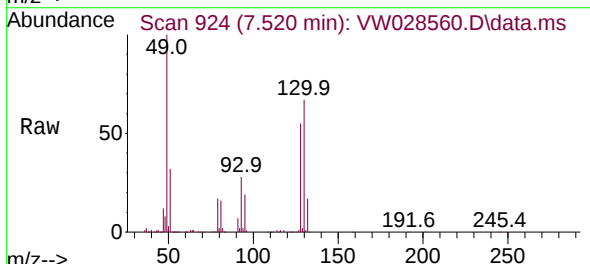
Instrument :
MSVOA_W
ClientSampleId :

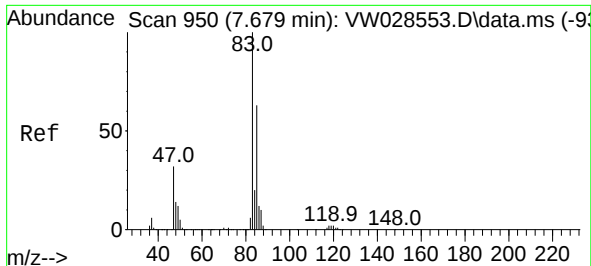
Tgt Ion: 43 Resp: 84916
Ion Ratio Lower Upper
43 100
72 23.9 12.8 38.4



#23
Bromochloromethane
Concen: 26.687 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

Tgt Ion: 128 Resp: 37705
Ion Ratio Lower Upper
128 100
49 180.7 127.1 236.0
130 120.6 78.3 145.5
51 57.7 46.0 69.0





#25

Chloroform

Concen: 26.527 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

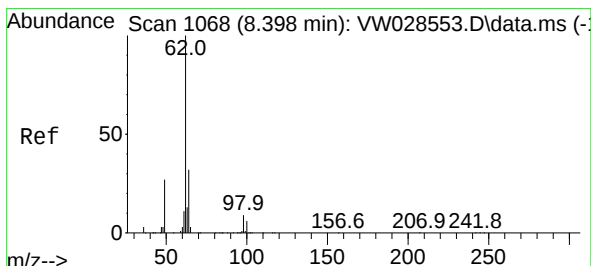
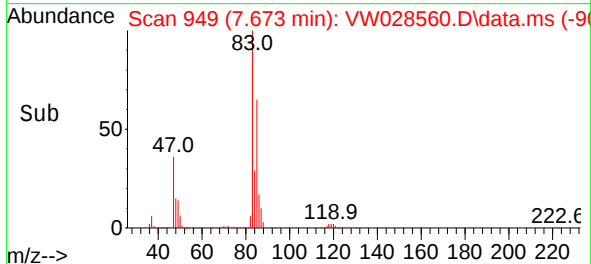
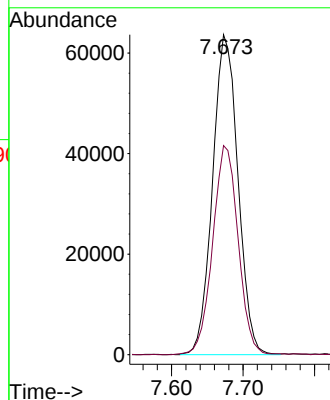
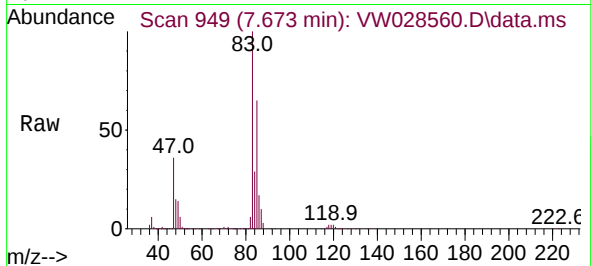
ClientSampleId :

Tgt Ion: 83 Resp: 156911

Ion Ratio Lower Upper

83 100

85 65.3 47.7 88.7



#27

1,2-Dichloroethane

Concen: 28.475 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028560.D

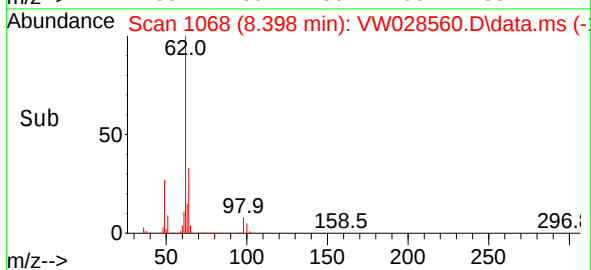
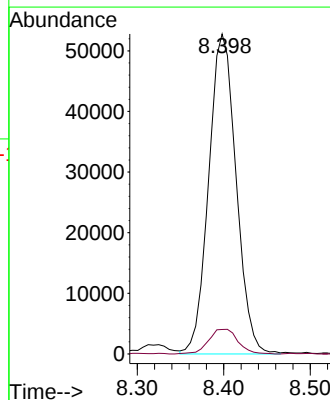
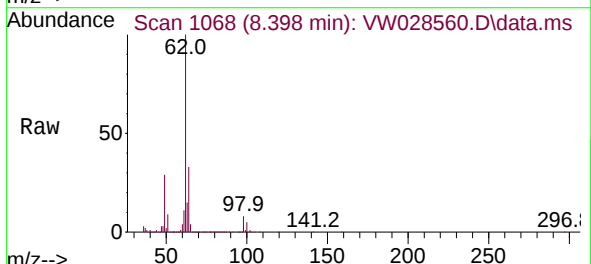
Acq: 01 May 2024 14:38

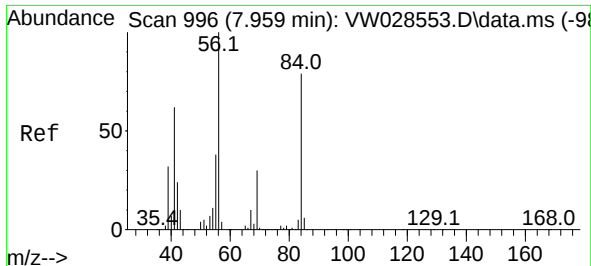
Tgt Ion: 62 Resp: 116252

Ion Ratio Lower Upper

62 100

98 7.7 6.6 10.0





#29

Cyclohexane

Concen: 26.363 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

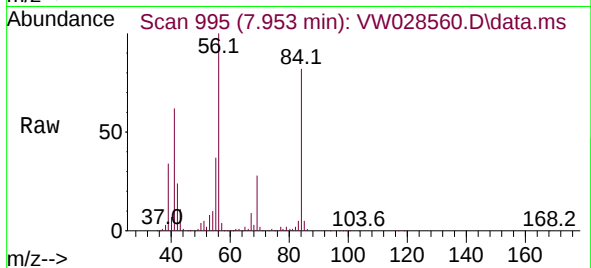
Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



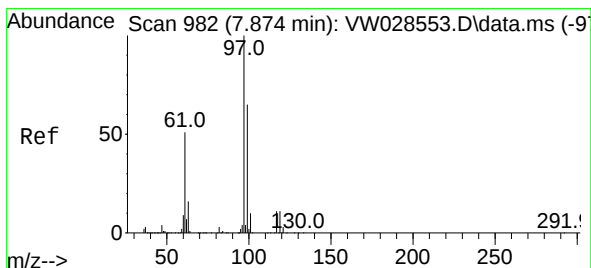
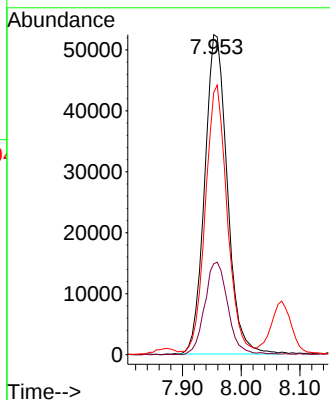
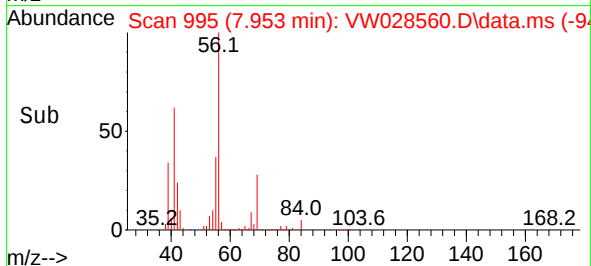
Tgt Ion: 56 Resp: 140369

Ion Ratio Lower Upper

56 100

69 29.3 23.8 35.6

84 81.6 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 26.848 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

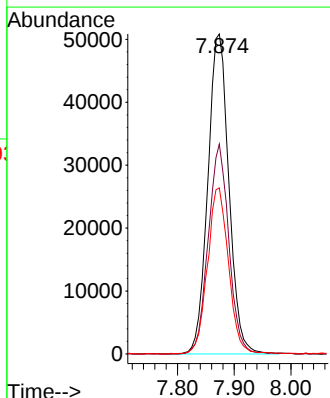
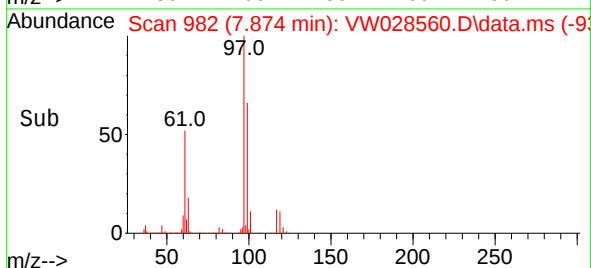
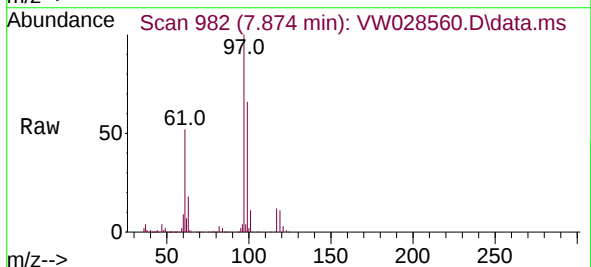
Tgt Ion: 97 Resp: 131252

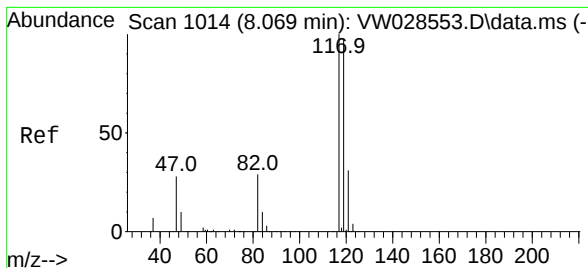
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 51.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.677 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

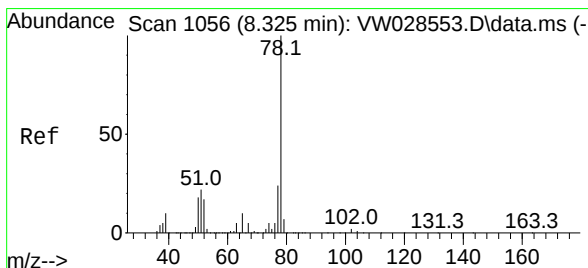
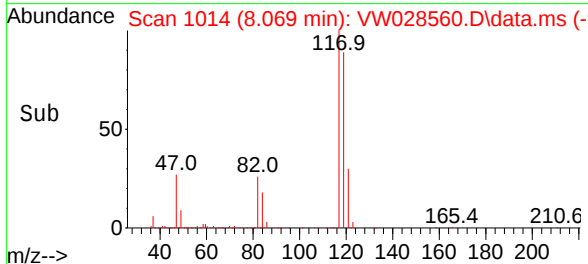
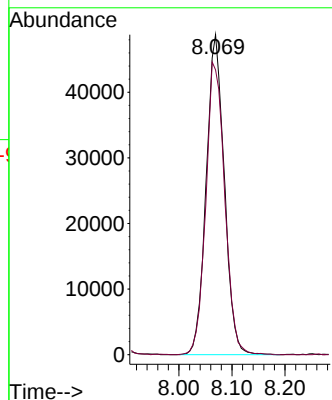
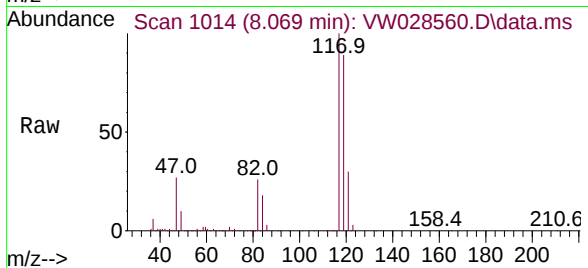
ClientSampleId :

Tgt Ion:117 Resp: 115649

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2



#33

Benzene

Concen: 26.240 ug/L

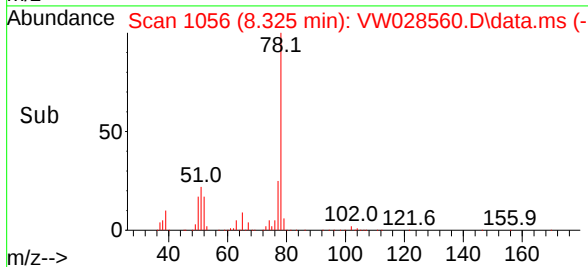
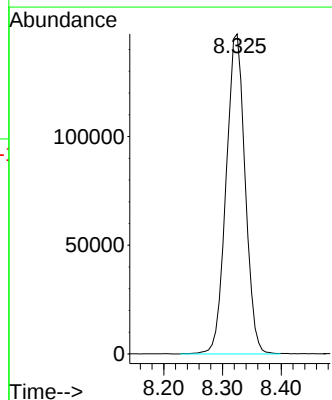
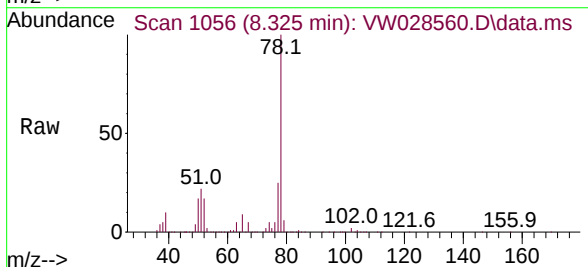
RT: 8.325 min Scan# 1056

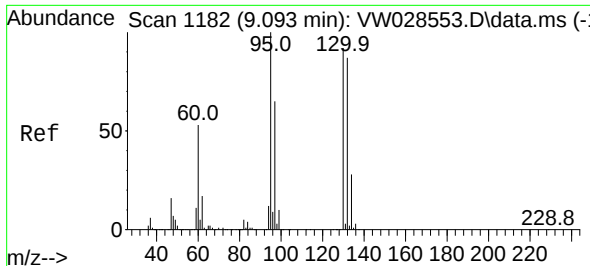
Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Tgt Ion: 78 Resp: 330706





#34

Trichloroethene

Concen: 25.690 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

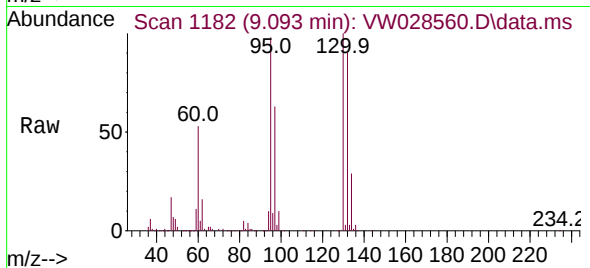
Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 87744

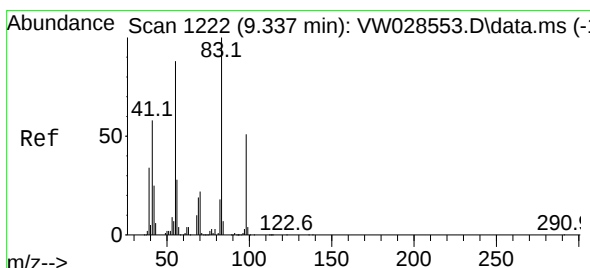
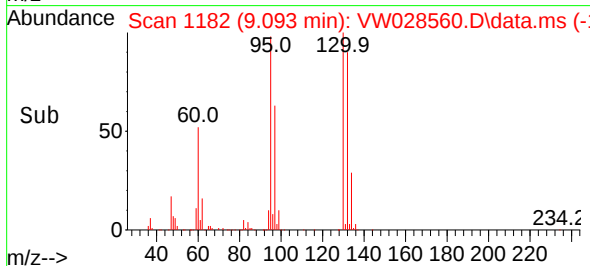
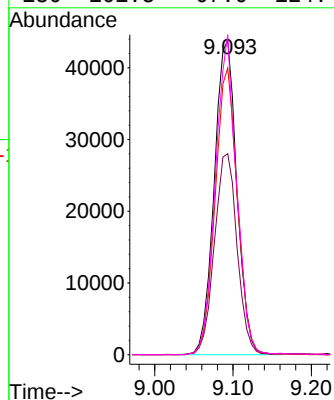
Ion Ratio Lower Upper

95 100

97 63.9 43.8 81.4

132 91.1 66.1 122.8

130 101.8 67.0 124.4



#35

Methylcyclohexane

Concen: 25.779 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

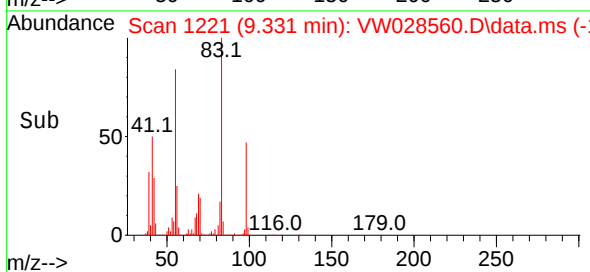
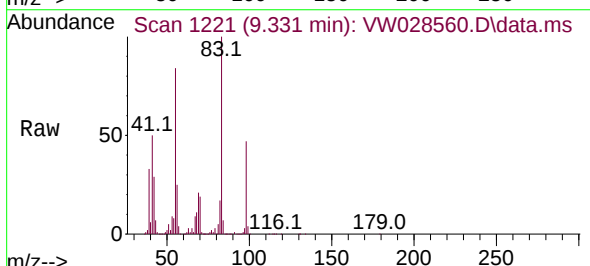
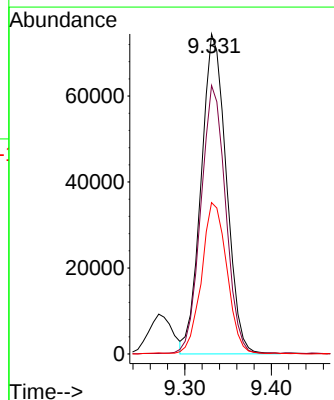
Tgt Ion: 83 Resp: 150247

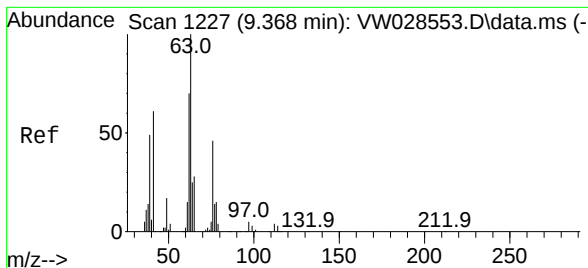
Ion Ratio Lower Upper

83 100

55 82.4 65.7 98.5

98 47.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 26.642 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

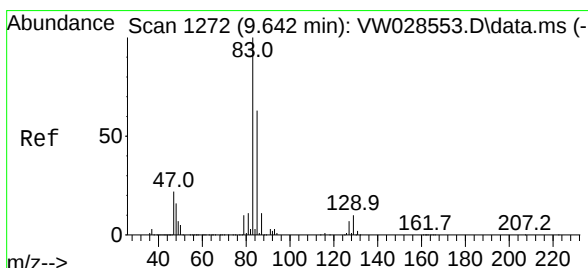
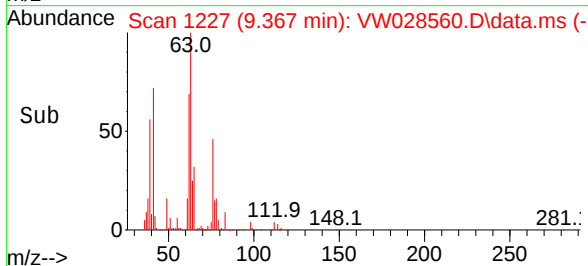
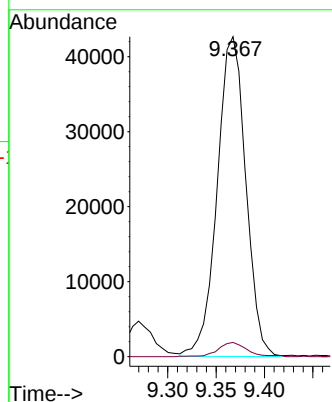
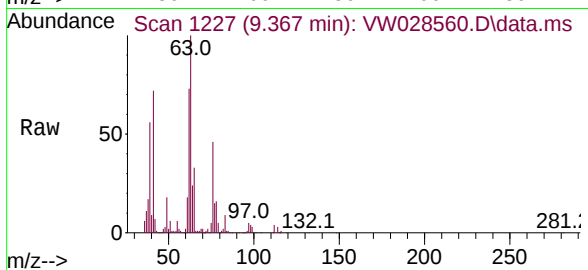
ClientSampleId :

Tgt Ion: 63 Resp: 87514

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.134 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

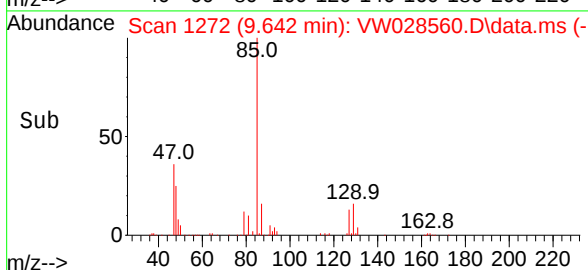
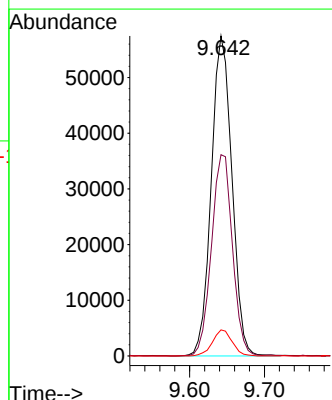
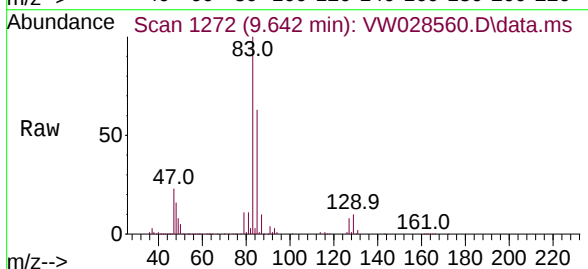
Tgt Ion: 83 Resp: 110478

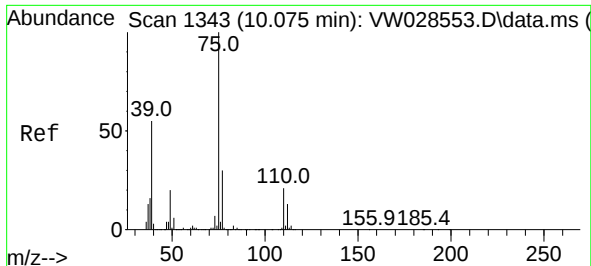
Ion Ratio Lower Upper

83 100

85 62.9 43.1 80.1

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 27.552 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

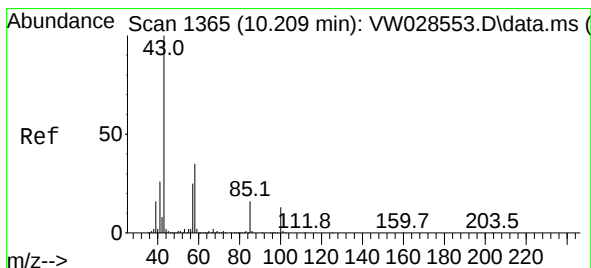
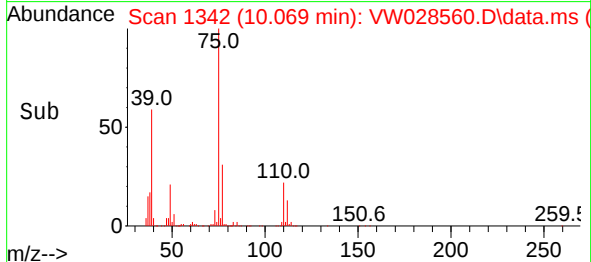
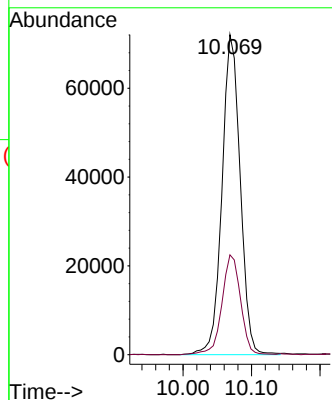
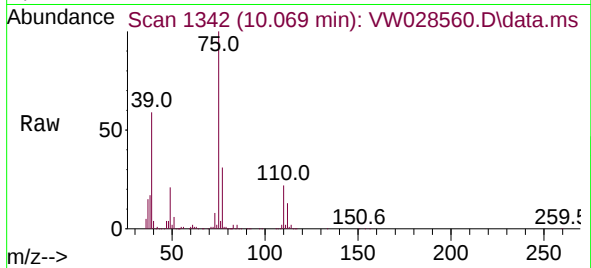
ClientSampleId :

Tgt Ion: 75 Resp: 132720

Ion Ratio Lower Upper

75 100

77 31.2 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 89.821 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

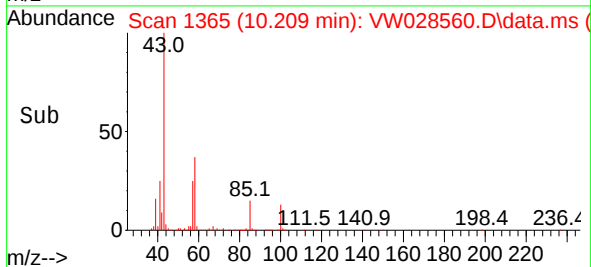
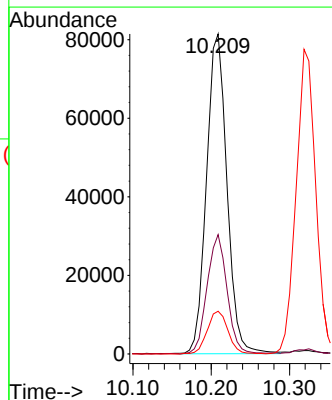
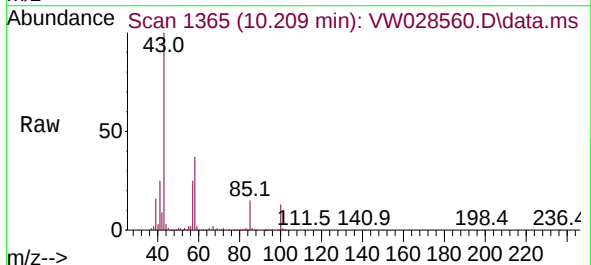
Tgt Ion: 43 Resp: 147700

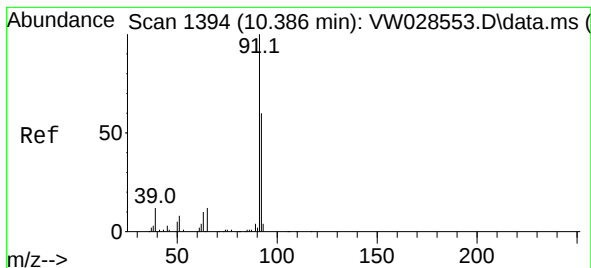
Ion Ratio Lower Upper

43 100

58 36.6 28.6 43.0

100 13.6 10.6 16.0





#42

Toluene

Concen: 26.184 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

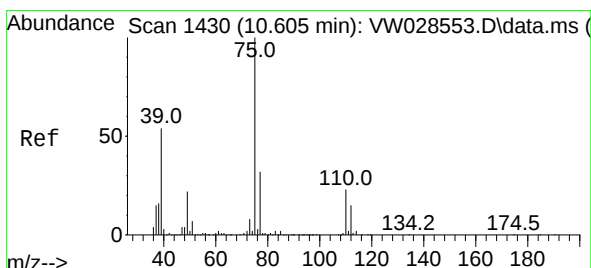
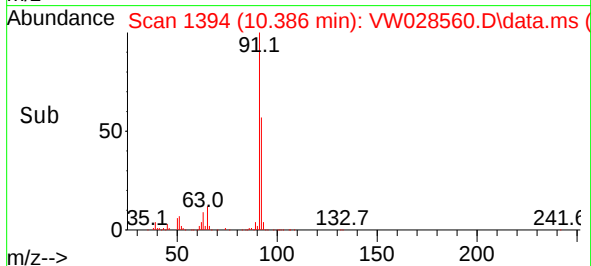
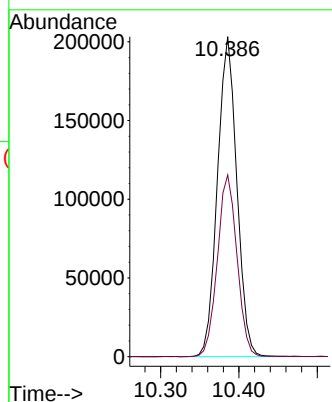
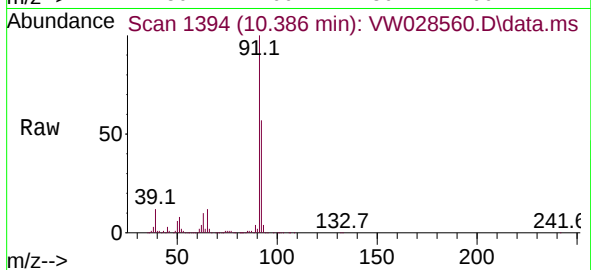
ClientSampleId :

Tgt Ion: 91 Resp: 349596

Ion Ratio Lower Upper

91 100

92 56.8 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 29.434 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028560.D

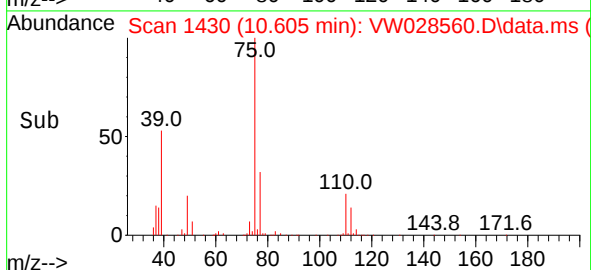
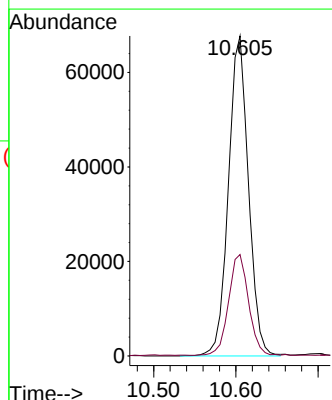
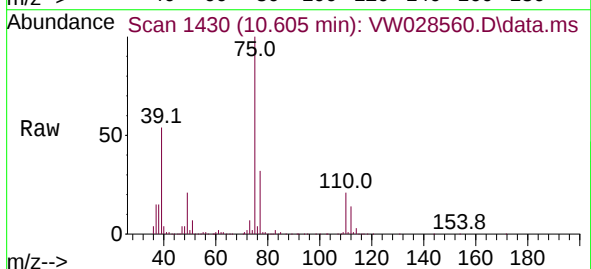
Acq: 01 May 2024 14:38

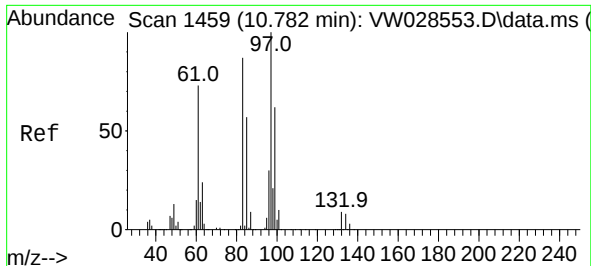
Tgt Ion: 75 Resp: 114701

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 30.392 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67542

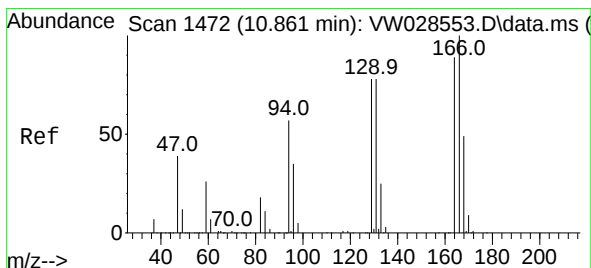
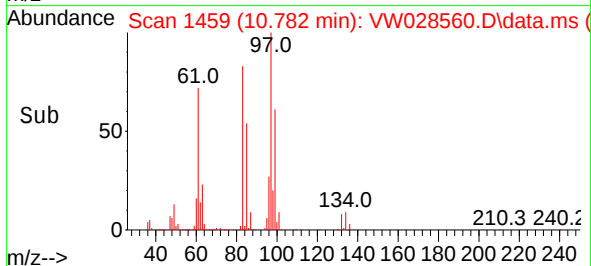
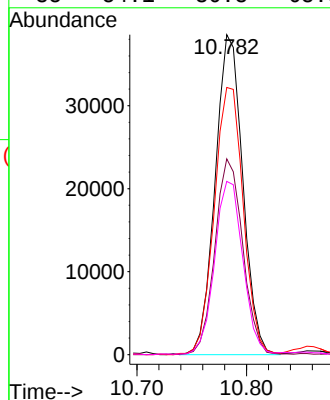
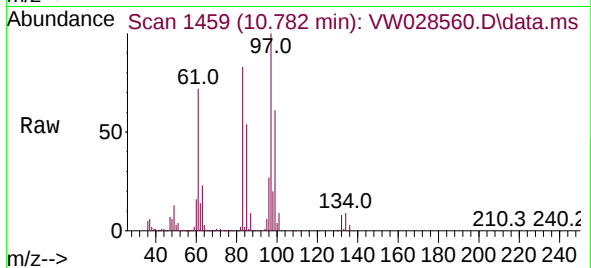
Ion Ratio Lower Upper

97 100

99 61.2 44.2 82.2

83 83.5 56.4 104.7

85 54.1 36.8 68.3



#46

Tetrachloroethene

Concen: 24.864 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Tgt Ion:164 Resp: 63434

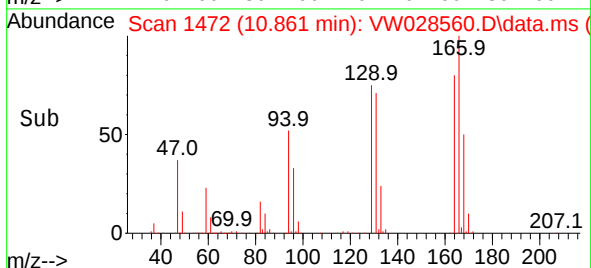
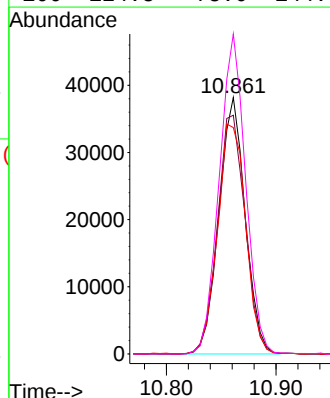
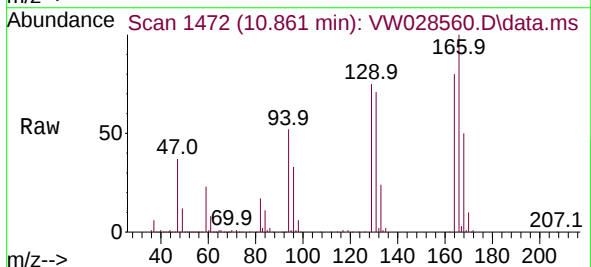
Ion Ratio Lower Upper

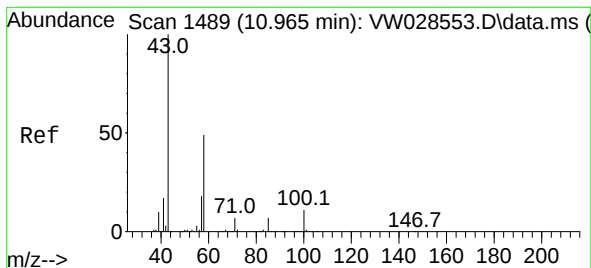
164 100

129 93.1 59.7 110.9

131 88.3 58.2 108.2

166 124.8 78.0 144.8





#48

2-Hexanone

Concen: 91.944 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

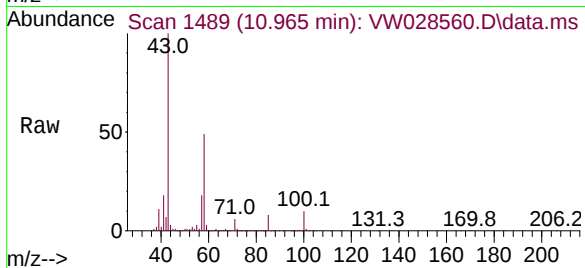
Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 120010

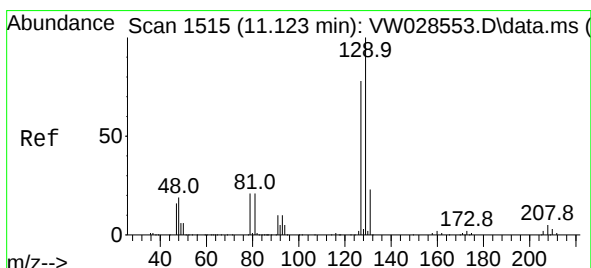
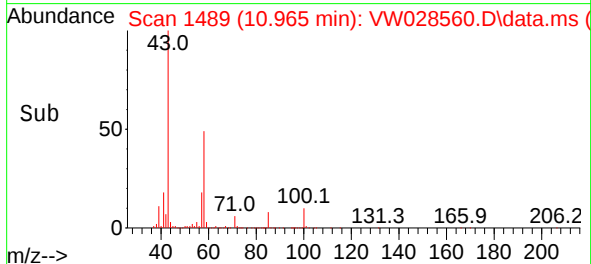
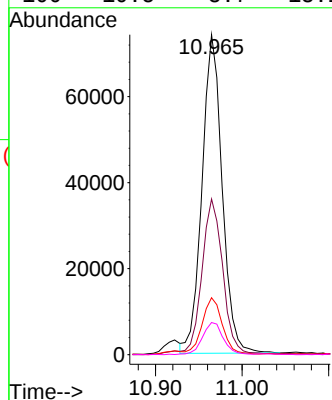
Ion Ratio Lower Upper

43 100

58 50.1 38.9 58.3

57 17.9 14.4 21.6

100 10.5 8.7 13.1



#49

Dibromochloromethane

Concen: 29.269 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028560.D

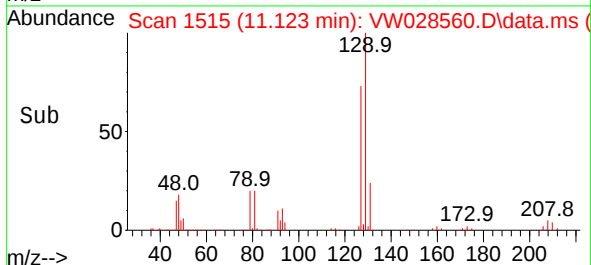
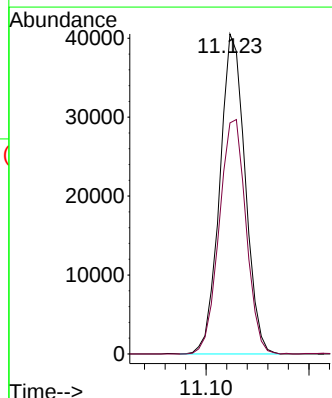
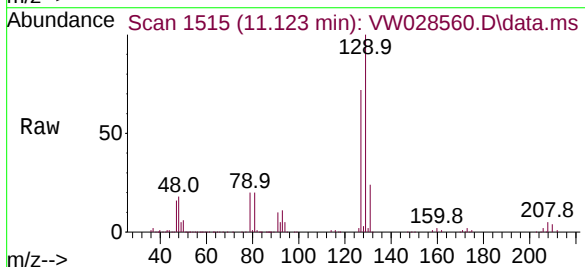
Acq: 01 May 2024 14:38

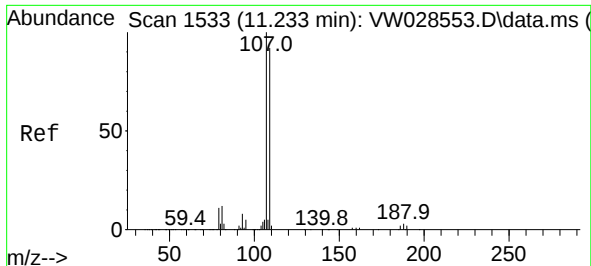
Tgt Ion:129 Resp: 69523

Ion Ratio Lower Upper

129 100

127 72.2 53.0 98.4





#50

1,2-Dibromoethane

Concen: 31.372 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028560.D

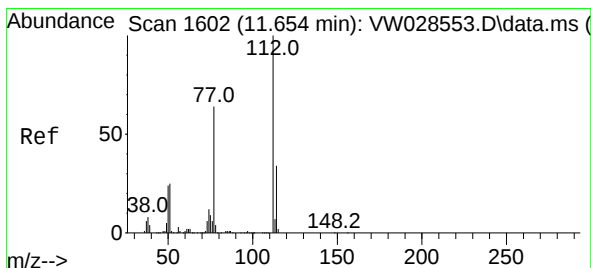
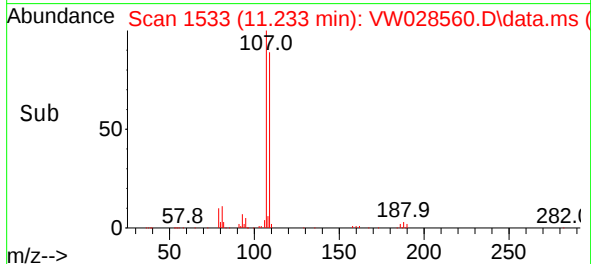
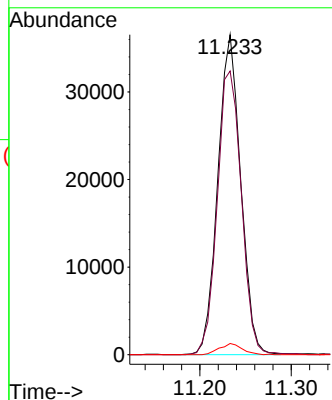
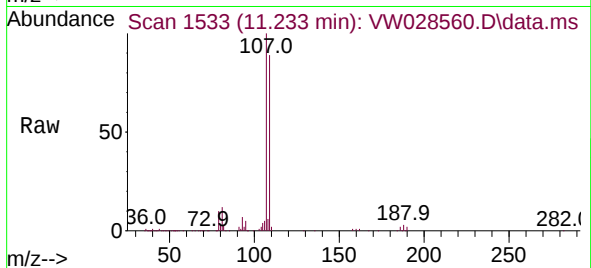
Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	63633
Ion	Ratio	Lower	Upper
107	100		
109	88.7	62.1	115.3
188	3.5	3.2	4.8



#51

Chlorobenzene

Concen: 26.041 ug/L

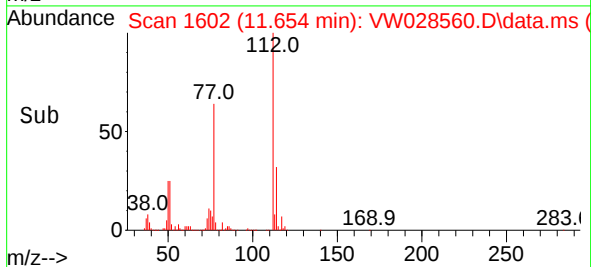
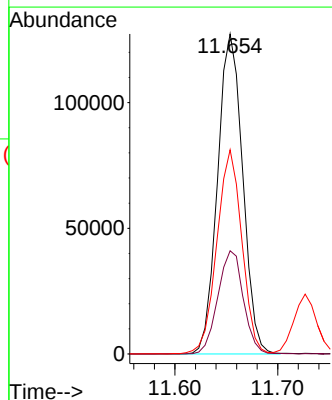
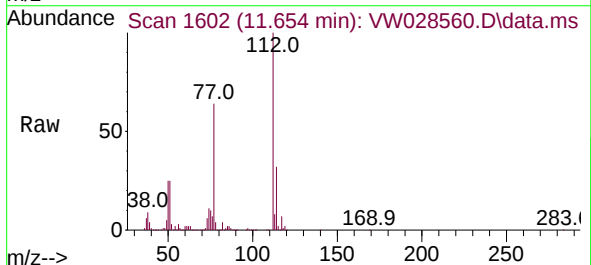
RT: 11.654 min Scan# 1602

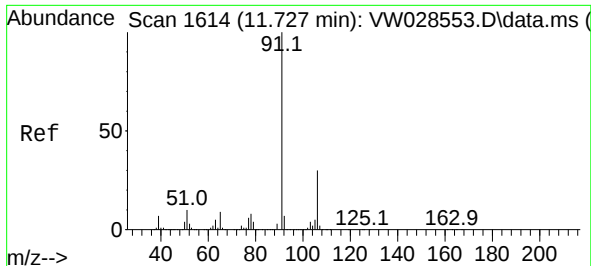
Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Tgt Ion:	112	Resp:	216115
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	63.8	51.8	77.8





#52

Ethylbenzene

Concen: 26.556 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

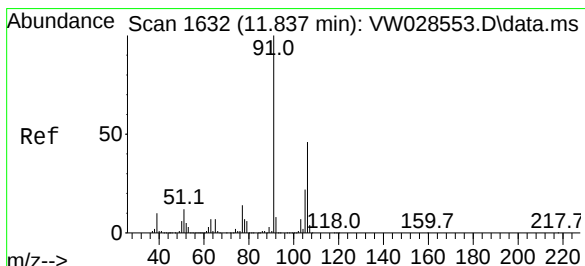
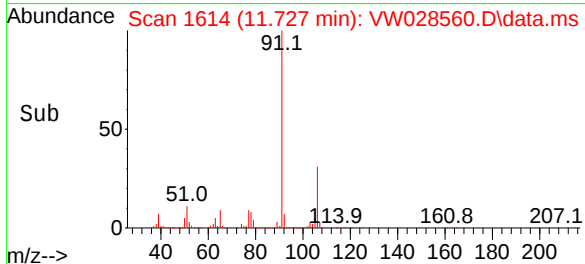
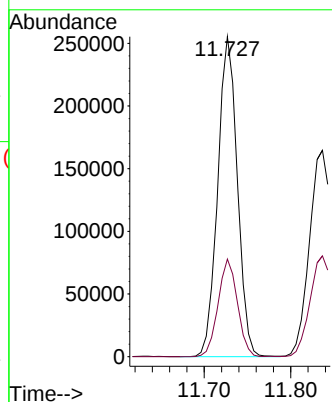
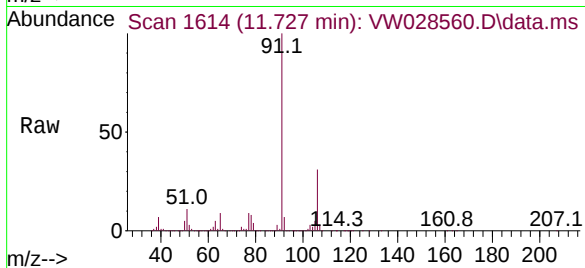
ClientSampleId :

Tgt Ion: 91 Resp: 401923

Ion Ratio Lower Upper

91 100

106 30.5 21.2 39.4



#53

m,p-Xylene

Concen: 26.552 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028560.D

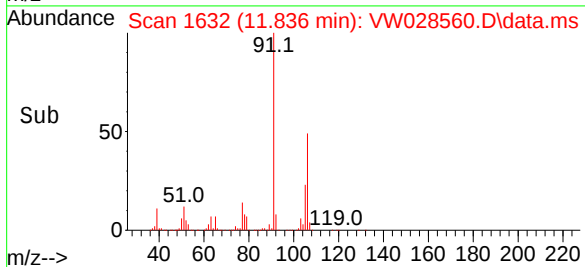
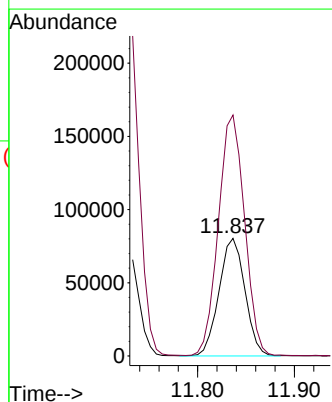
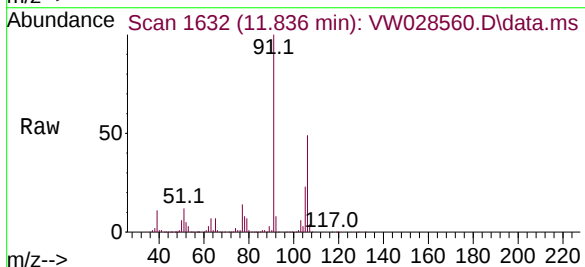
Acq: 01 May 2024 14:38

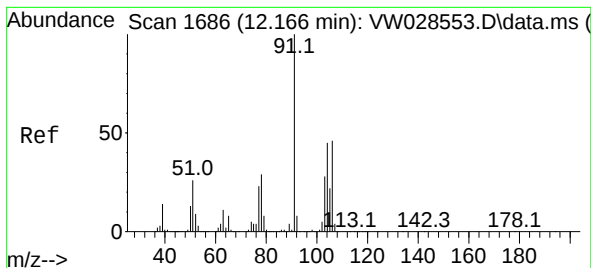
Tgt Ion:106 Resp: 149447

Ion Ratio Lower Upper

106 100

91 204.8 152.4 283.0





#54

o-Xylene

Concen: 26.413 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

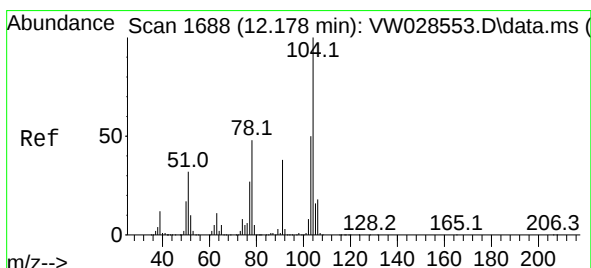
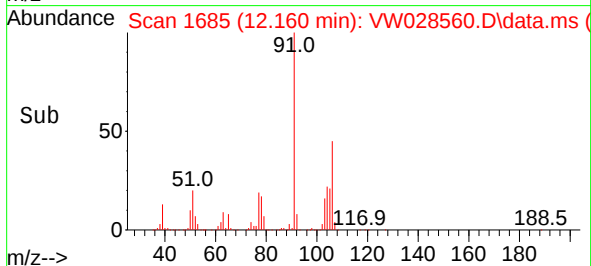
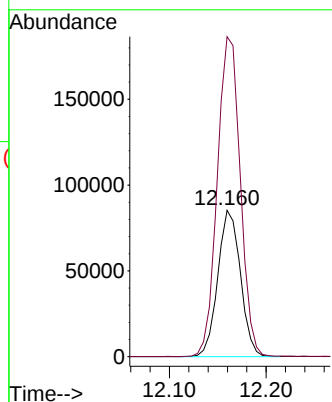
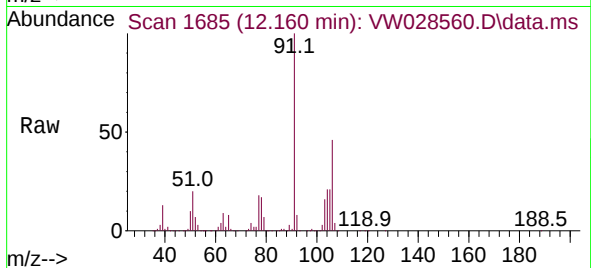
ClientSampleId :

Tgt Ion:106 Resp: 138423

Ion Ratio Lower Upper

106 100

91 218.8 152.9 283.9



#55

Styrene

Concen: 27.171 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028560.D

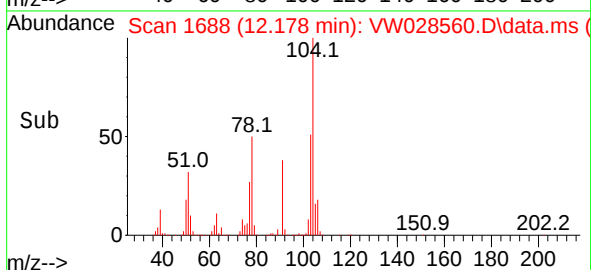
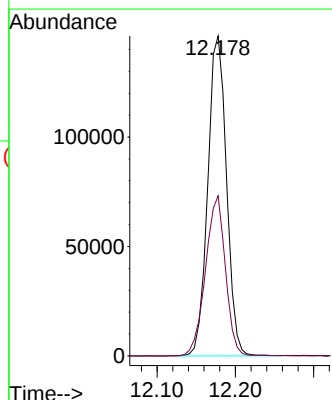
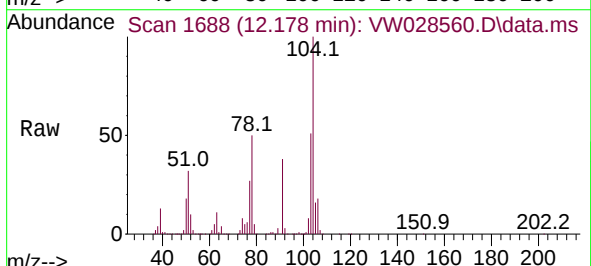
Acq: 01 May 2024 14:38

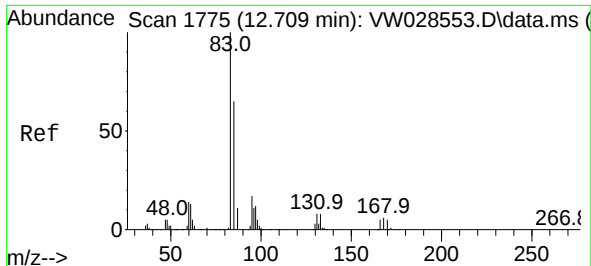
Tgt Ion:104 Resp: 242349

Ion Ratio Lower Upper

104 100

78 50.0 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 36.015 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028560.D

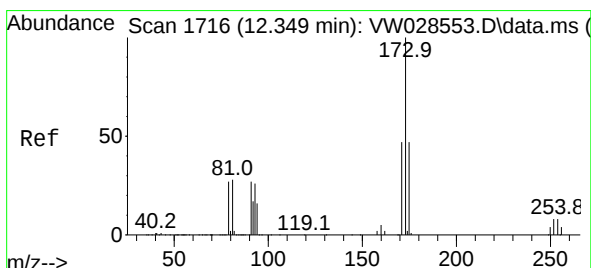
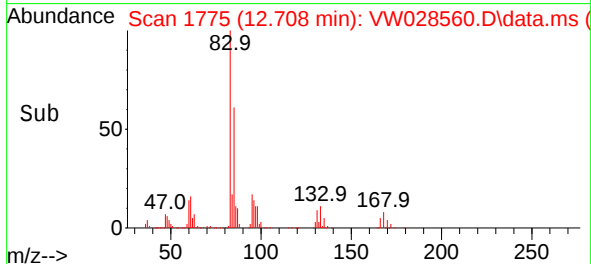
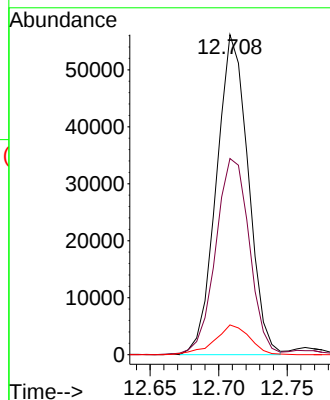
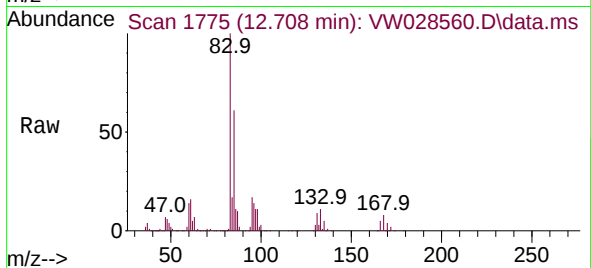
Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 90577
Ion Ratio	Lower Upper
83 100	
85 61.3	43.4 80.6
131 9.3	8.0 12.0



#59

Bromoform

Concen: 32.359 ug/L

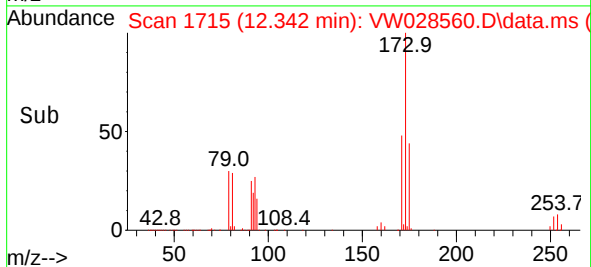
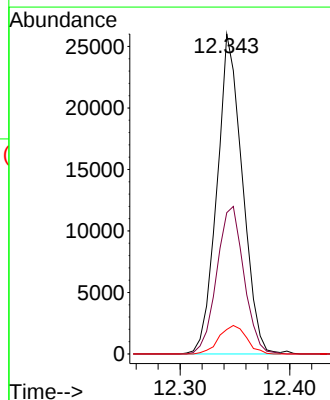
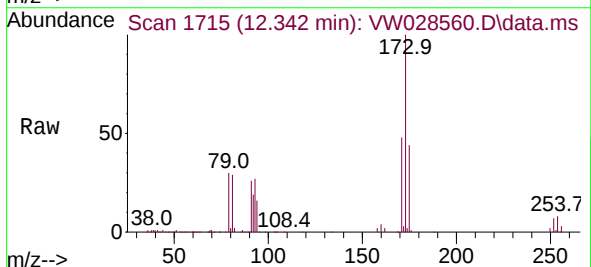
RT: 12.342 min Scan# 1715

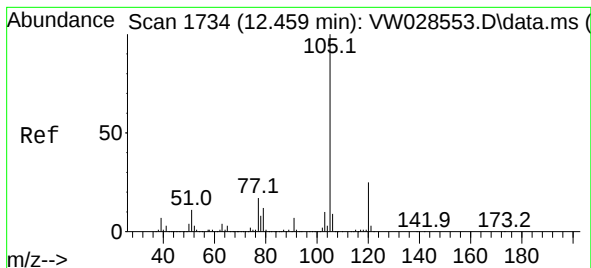
Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Tgt Ion: 173	Resp: 41830
Ion Ratio	Lower Upper
173 100	
175 49.3	39.2 58.8
254 9.6	8.3 12.5





#60

Isopropylbenzene

Concen: 27.158 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

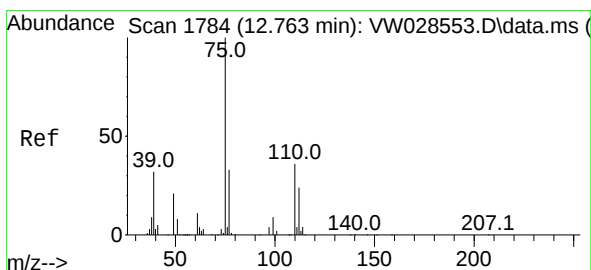
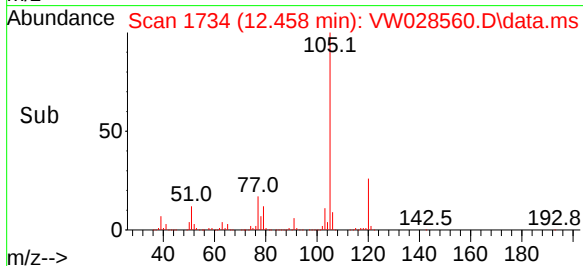
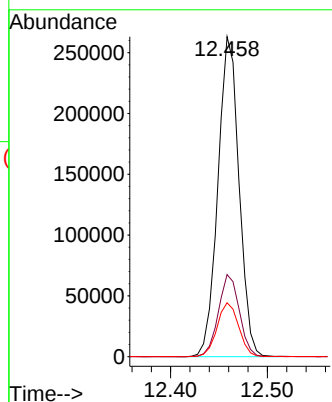
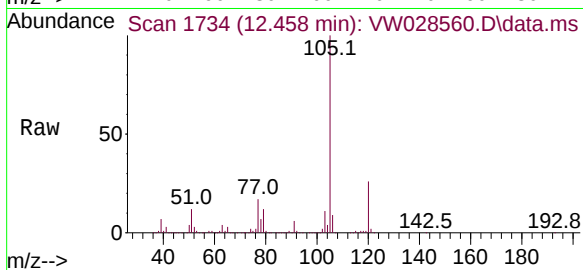
Tgt Ion:105 Resp: 398718

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 17.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 38.304 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

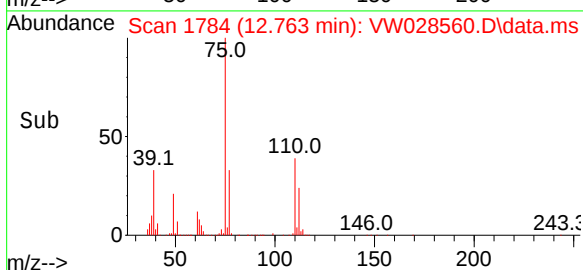
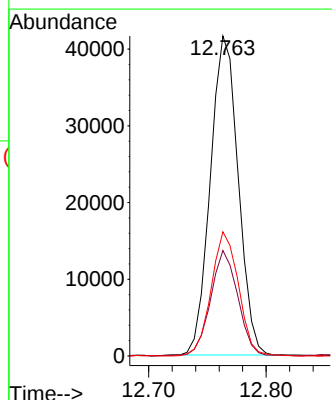
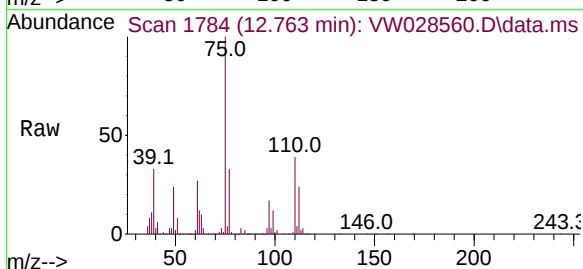
Tgt Ion: 75 Resp: 68580

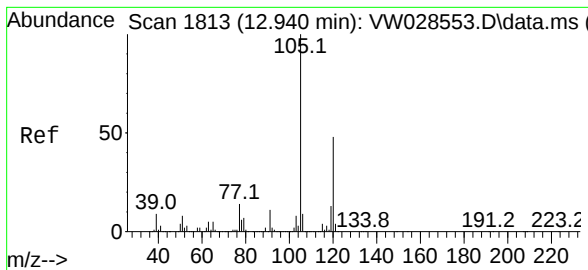
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 38.2 30.6 46.0

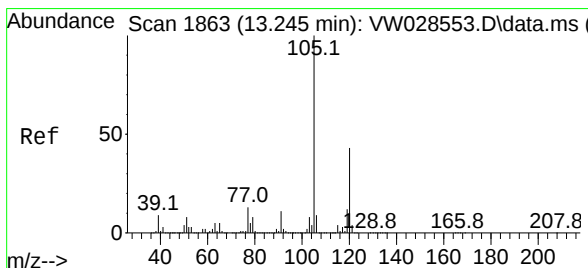
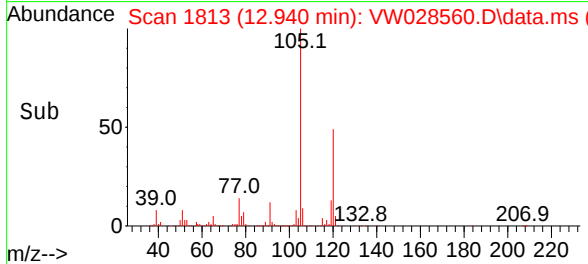
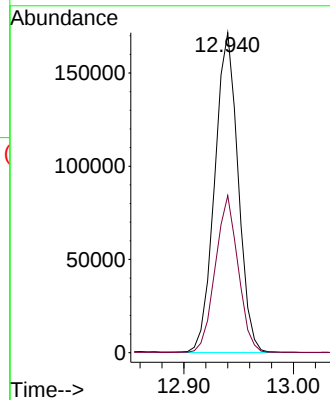
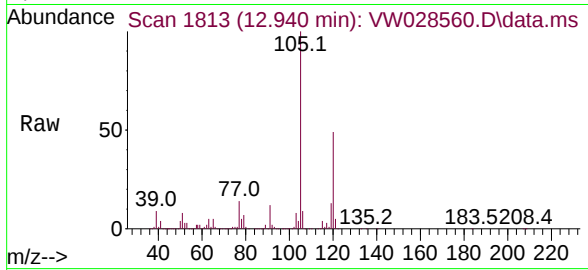




#62
1,3,5-Trimethylbenzene
Concen: 27.224 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

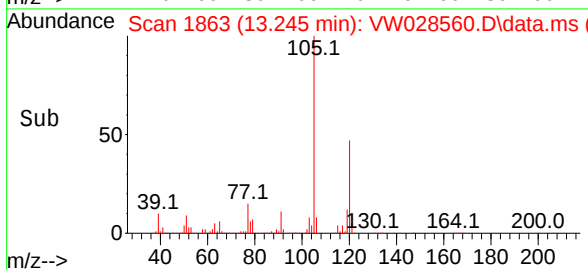
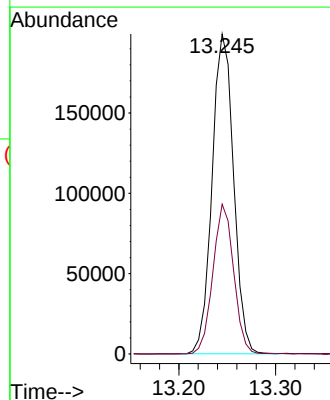
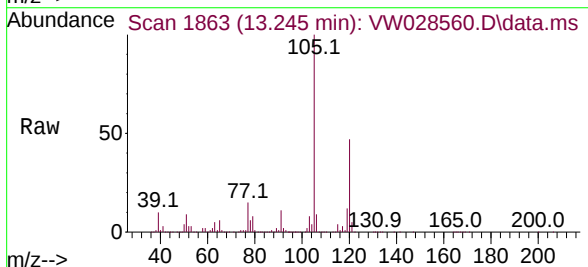
Instrument :
MSVOA_W
ClientSampleId :

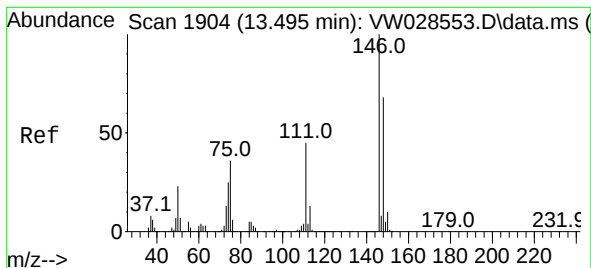
Tgt Ion:105 Resp: 254752
Ion Ratio Lower Upper
105 100
120 47.6 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 27.349 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

Tgt Ion:105 Resp: 307989
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 26.575 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

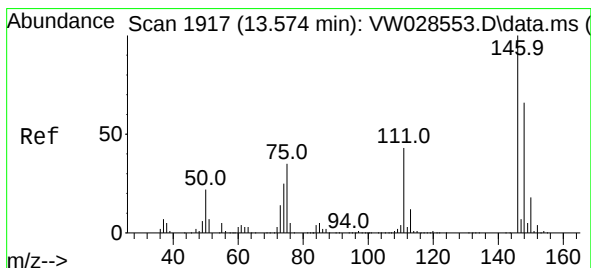
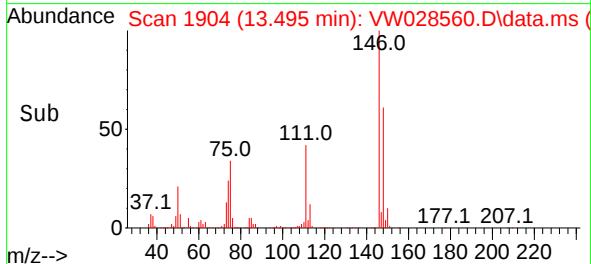
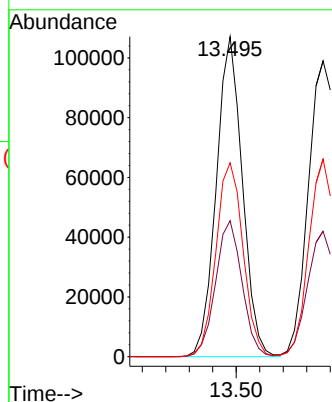
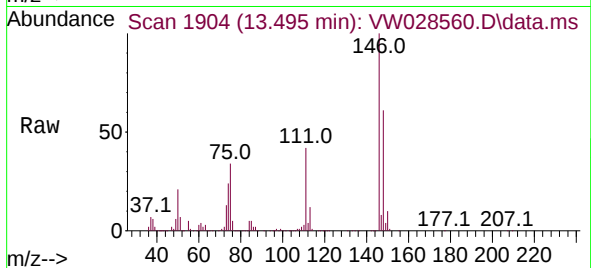
Tgt Ion:146 Resp: 165552

Ion Ratio Lower Upper

146 100

111 42.5 29.8 55.3

148 60.6 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 26.415 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

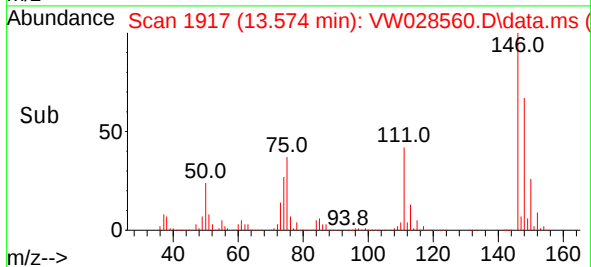
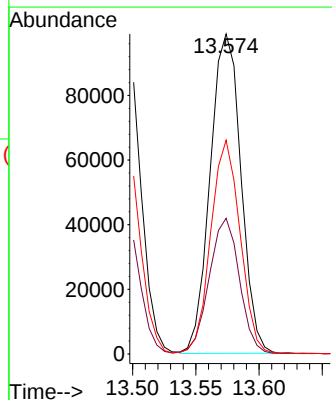
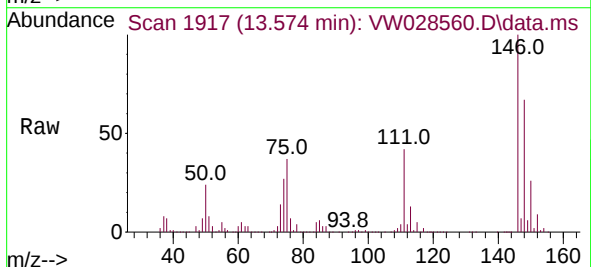
Tgt Ion:146 Resp: 167388

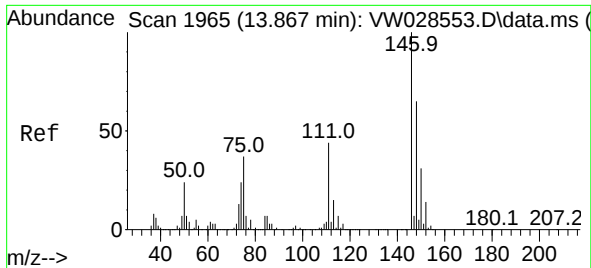
Ion Ratio Lower Upper

146 100

111 42.4 30.3 56.3

148 66.8 47.3 87.8

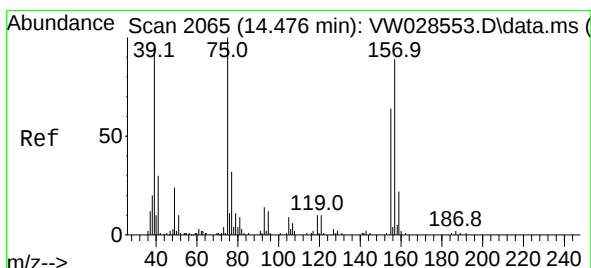
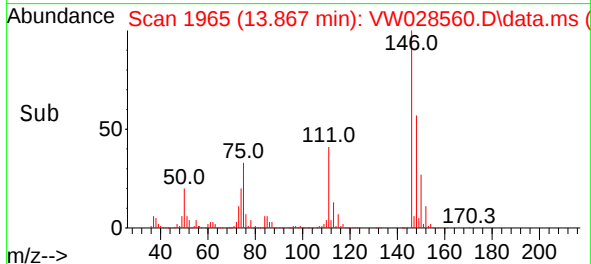
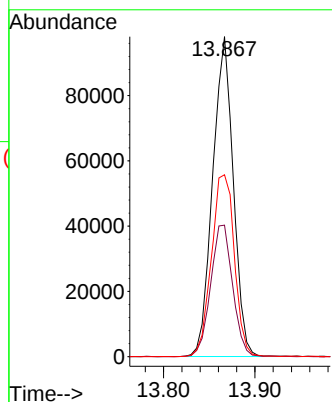
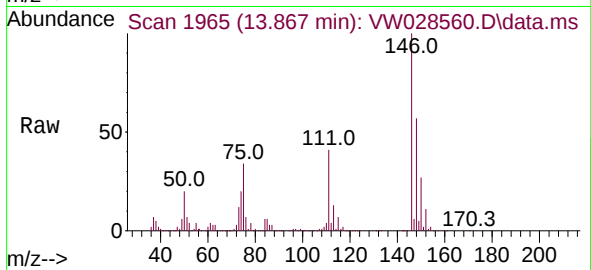




#67
1,2-Dichlorobenzene
Concen: 28.019 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

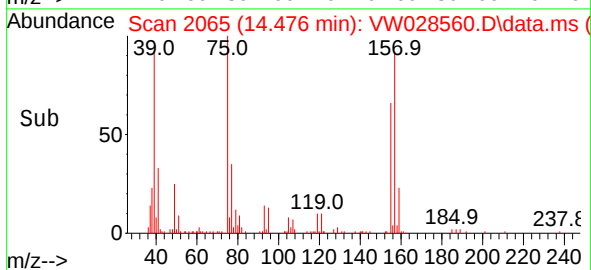
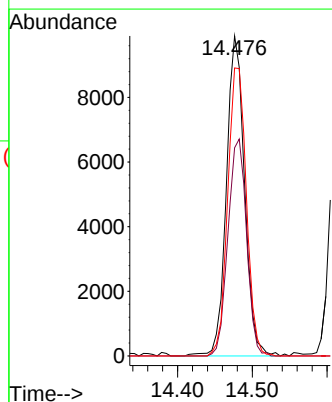
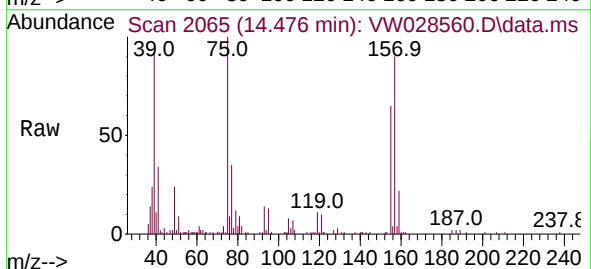
Instrument :
MSVOA_W
ClientSampleId :

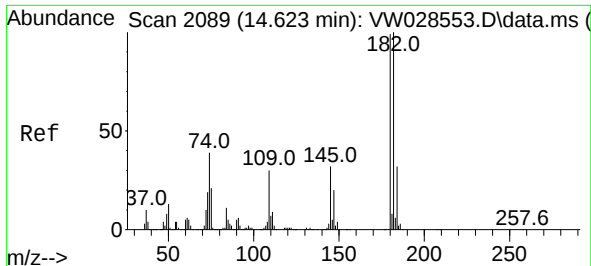
Tgt Ion:146 Resp: 153534
Ion Ratio Lower Upper
146 100
111 41.1 31.4 47.2
148 56.9 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 40.780 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028560.D
Acq: 01 May 2024 14:38

Tgt Ion: 75 Resp: 16731
Ion Ratio Lower Upper
75 100
155 65.1 61.2 91.8
157 90.0 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 25.574 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

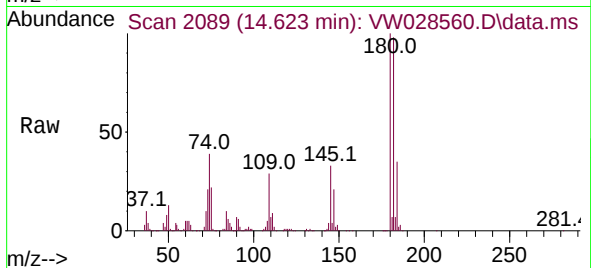
Lab File: VW028560.D

Acq: 01 May 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 109626

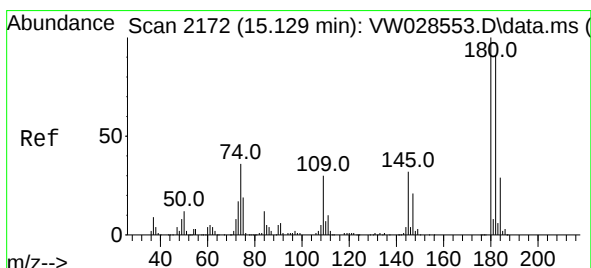
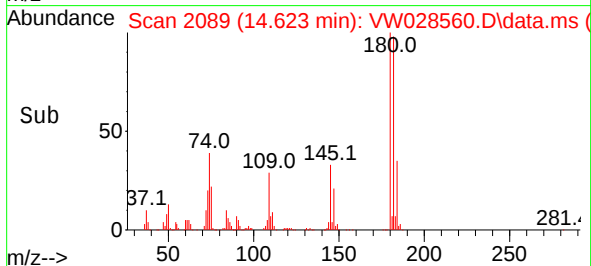
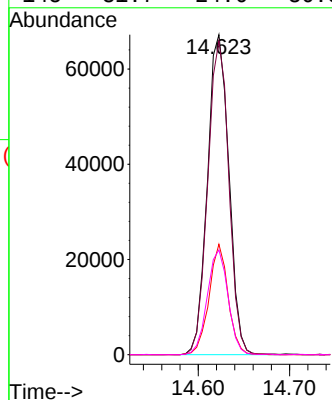
Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.0

184 30.8 24.8 37.2

145 31.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 27.987 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028560.D

Acq: 01 May 2024 14:38

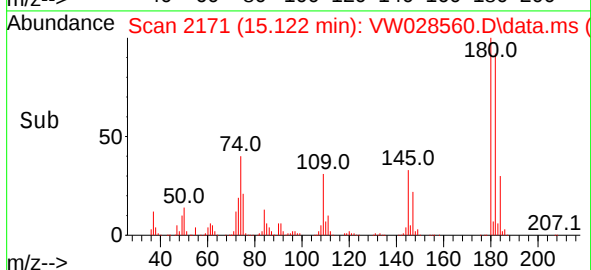
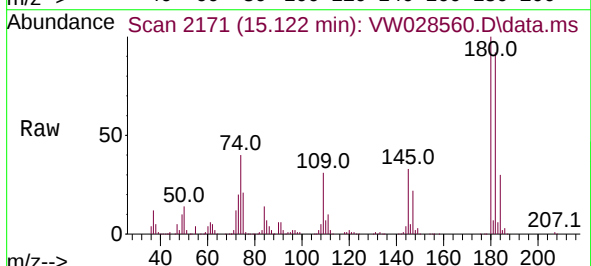
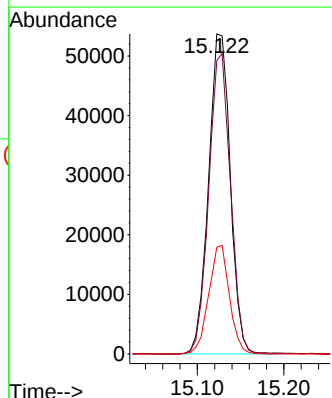
Tgt Ion:180 Resp: 93689

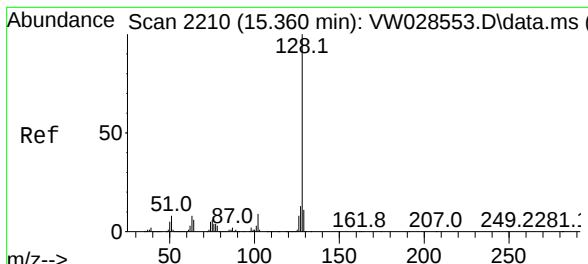
Ion Ratio Lower Upper

180 100

182 93.9 71.5 107.3

145 32.4 23.5 35.3



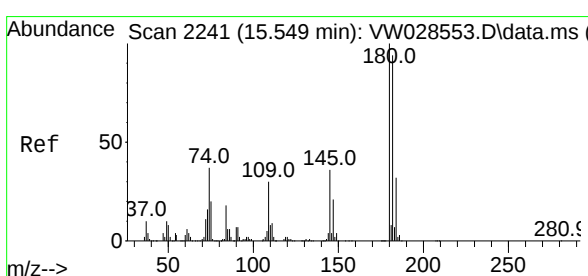
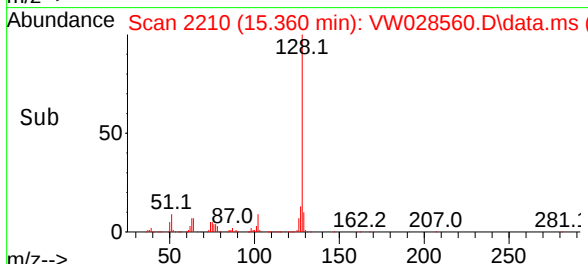
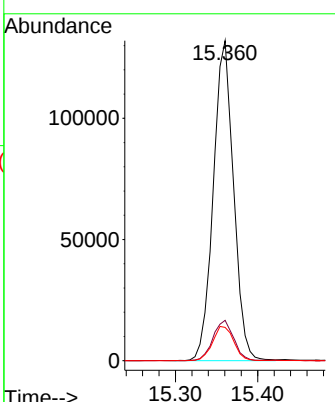
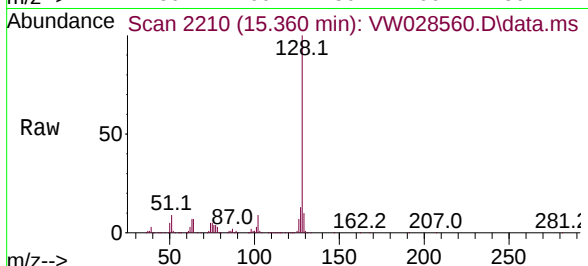


#71
 Naphthalene
 Concen: 38.228 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW028560.D
 Acq: 01 May 2024 14:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 226478

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	11.2	8.5	12.7



#72
 1,2,3-Trichlorobenzene
 Concen: 27.923 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: VW028560.D
 Acq: 01 May 2024 14:38

Tgt Ion:180 Resp: 82947

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.7	113.5
145	36.6	26.2	39.4

