

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028572.D
 Acq On : 02 May 2024 15:21
 Operator : SY/MD
 Sample : P2349-07MSD
 Misc : 5.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 04:08:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 04:07:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	469271	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	431772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	204261	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	173337	19.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
7) Chloroethane-d5	2.899	69	134307	19.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.720%
11) 1,1-Dichloroethene-d2	4.021	65	74108	19.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	7.075	46	92682	39.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
24) Chloroform-d	7.654	84	312024	21.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.307	65	176223	20.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.960%
32) Benzene-d6	8.276	84	604777	20.994	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.960%
36) 1,2-Dichloropropane-d6	9.276	67	184606	21.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.200%
41) Toluene-d8	10.325	98	549505	21.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.575	79	78315	22.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.922	63	67359	45.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150779	20.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	158234	20.325	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	141603	20.764	ug/L #	89
3) Chloromethane	2.228	50	190346	22.531	ug/L	99
5) Vinyl chloride	2.375	62	206335	21.693	ug/L	100
6) Bromomethane	2.789	94	123295	22.408	ug/L	98
8) Chloroethane	2.936	64	123216	22.715	ug/L	98
9) Trichlorofluoromethane	3.265	101	166589	21.333	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	146227	20.310	ug/L	95
12) 1,1-Dichloroethene	4.045	96	140621	21.773	ug/L	95
13) Acetone	4.118	43	115195	54.466	ug/L	100
14) Carbon disulfide	4.393	76	475516	21.785	ug/L	100
15) Methyl Acetate	4.667	43	80303	21.824	ug/L	99
16) Methylene chloride	4.923	84	154048	21.226	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	154185	22.931	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	249103	25.105	ug/L	100
19) 1,1-Dichloroethane	6.216	63	304697	22.852	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	166015	23.592	ug/L	96
22) 2-Butanone	7.167	43	134724	49.628	ug/L	100
23) Bromochloromethane	7.514	128	72320	23.560	ug/L	96
25) Chloroform	7.679	83	301132	23.350	ug/L	100

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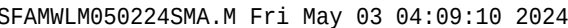
Instrument :
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 ClientSampleId :

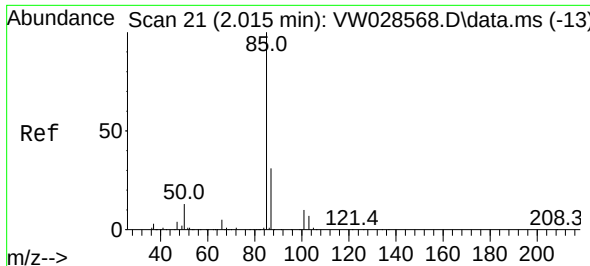
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	220111	23.479	ug/L	98
29) Cyclohexane	7.959	56	274656	22.310	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	241881	22.355	ug/L	100
31) Carbon tetrachloride	8.075	117	214463	21.740	ug/L	99
33) Benzene	8.325	78	645504	23.055	ug/L	100
34) Trichloroethene	9.093	95	168940	22.505	ug/L	96
35) Methylcyclohexane	9.337	83	276481	21.075	ug/L	99
37) 1,2-Dichloropropane	9.367	63	174580	23.929	ug/L	99
38) Bromodichloromethane	9.642	83	214437	24.112	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	266281	25.465	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	243918	49.123	ug/L	100
42) Toluene	10.386	91	682756	23.610	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	226112	25.646	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	122010	23.086	ug/L	97
46) Tetrachloroethene	10.861	164	117005	21.634	ug/L	96
48) 2-Hexanone	10.965	43	198126	56.518	ug/L	100
49) Dibromochloromethane	11.129	129	127776	24.104	ug/L	94
50) 1,2-Dibromoethane	11.233	107	117287	23.691	ug/L	95
51) Chlorobenzene	11.654	112	415225	23.213	ug/L	97
52) Ethylbenzene	11.727	91	773083	23.623	ug/L	94
53) m,p-Xylene	11.837	106	282817	23.576	ug/L	96
54) o-Xylene	12.166	106	272785	24.580	ug/L	99
55) Styrene	12.178	104	459555	24.438	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	152052	22.931	ug/L	100
59) Bromoform	12.349	173	69589	23.352	ug/L	99
60) Isopropylbenzene	12.458	105	736499	23.766	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	112975	22.886	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	544286	24.824	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	584930	24.760	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	299816	23.257	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	299596	22.731	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	276236	23.940	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	25710	22.276	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	171308	19.803	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	157139	22.481	ug/L	93
71) Naphthalene	15.360	128	353919	23.765	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	132896	21.070	ug/L	99

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

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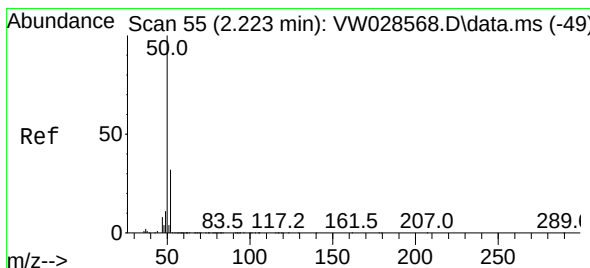
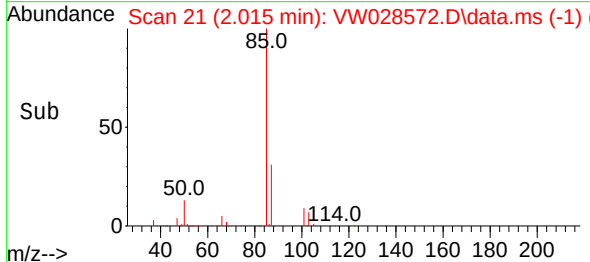
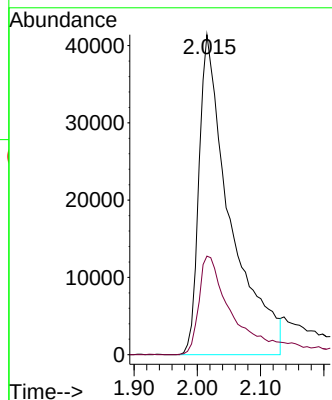
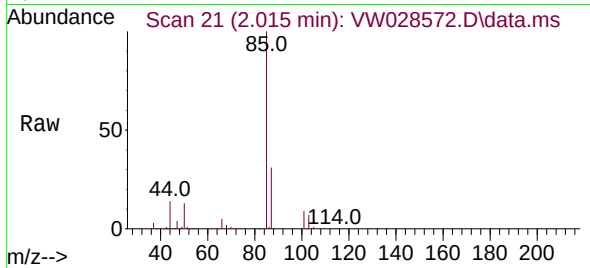




#2
Dichlorodifluoromethane
Concen: 20.764 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

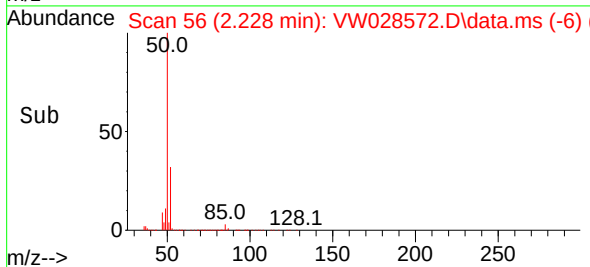
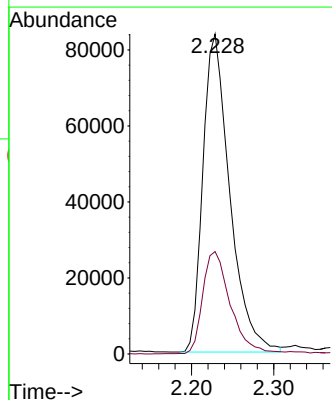
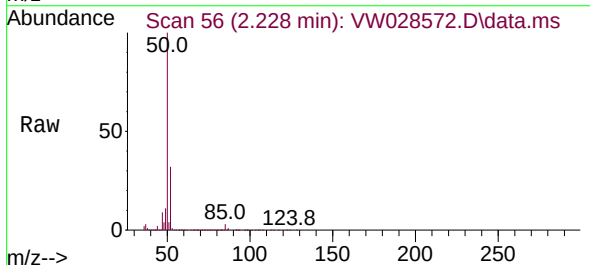
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MSVOA_W
ClientSampleId :

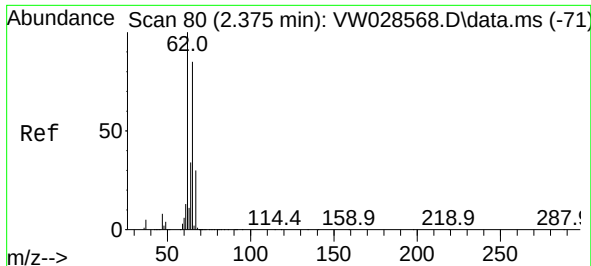
Tgt Ion: 85 Resp: 141603
Ion Ratio Lower Upper
85 100
87 33.1 21.9 32.9#



#3
Chloromethane
Concen: 22.531 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

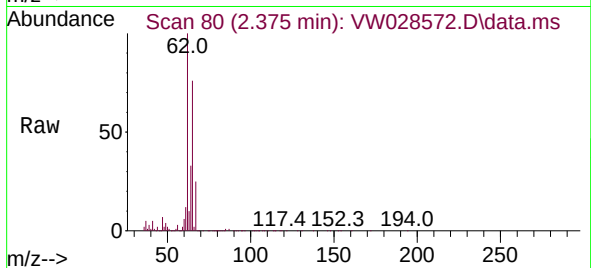
Tgt Ion: 50 Resp: 190346
Ion Ratio Lower Upper
50 100
52 32.0 22.0 41.0



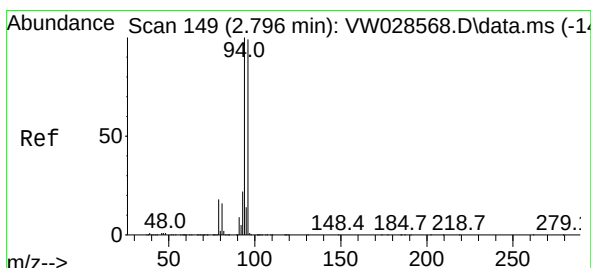
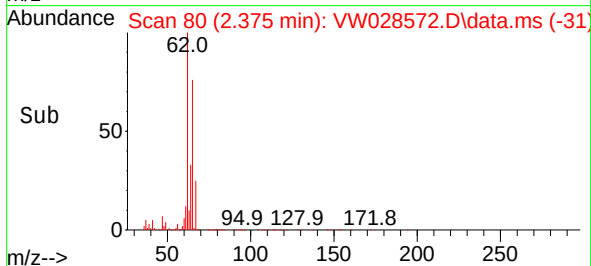
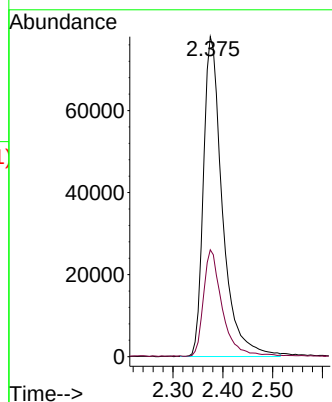


#5
 Vinyl chloride
 Concen: 21.693 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028572.D
 Acq: 02 May 2024 15:21

Instrument :
 MSVOA_W
 ClientSampleId :

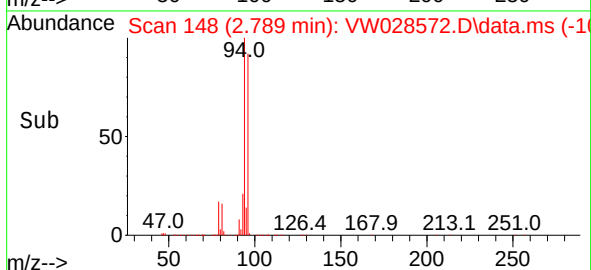
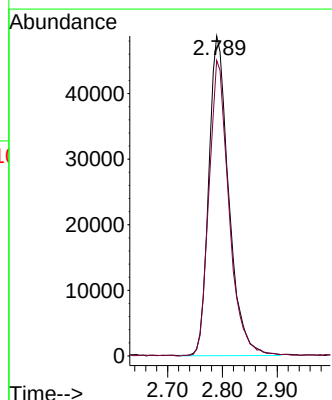
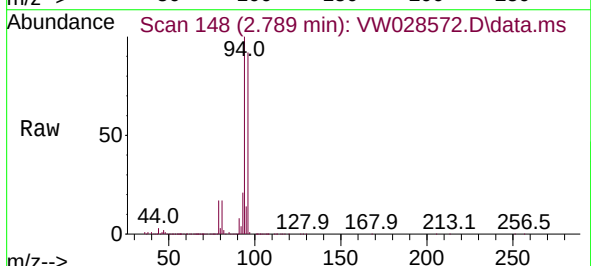


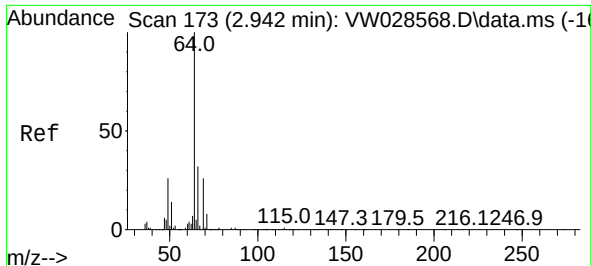
Tgt Ion: 62 Resp: 206335
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 22.408 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028572.D
 Acq: 02 May 2024 15:21

Tgt Ion: 94 Resp: 123295
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.3 123.1

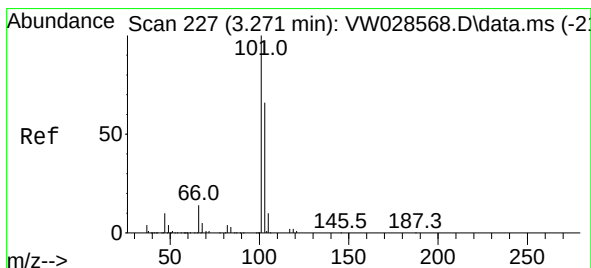
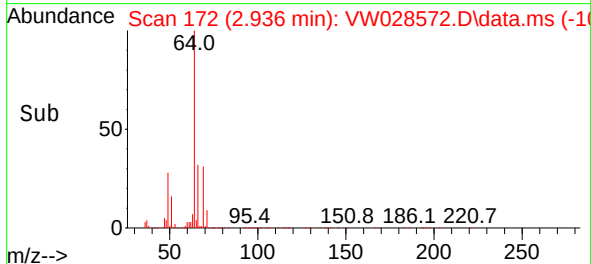
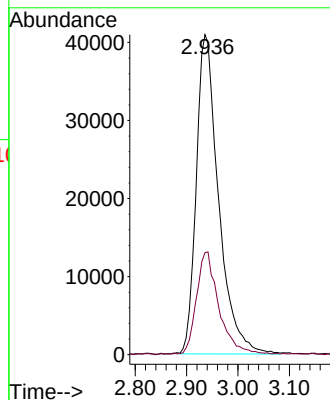
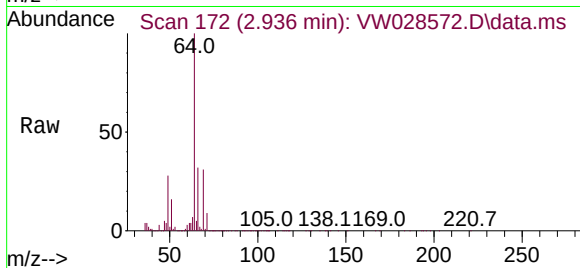




#8
Chloroethane
Concen: 22.715 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

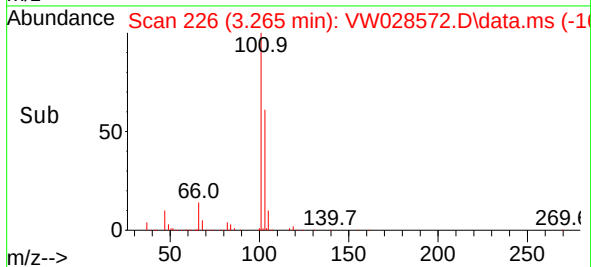
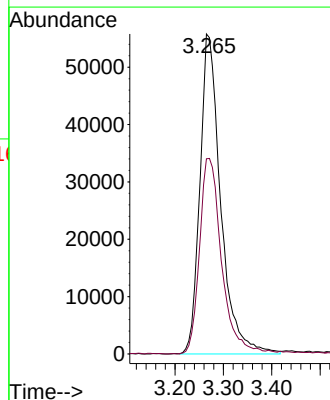
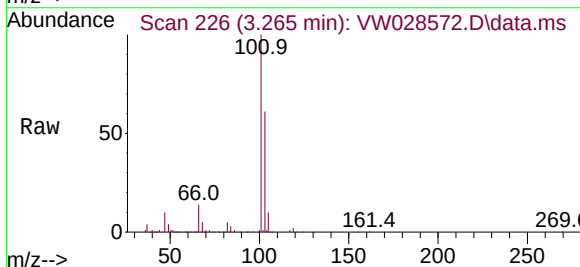
Instrument :
MSVOA_W
ClientSampleId :

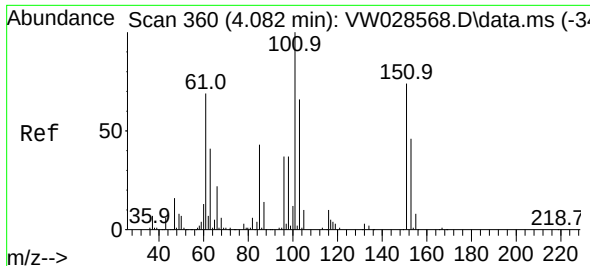
Tgt Ion: 64 Resp: 123216
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.333 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion:101 Resp: 166589
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6





#10

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

Concen: 20.310 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

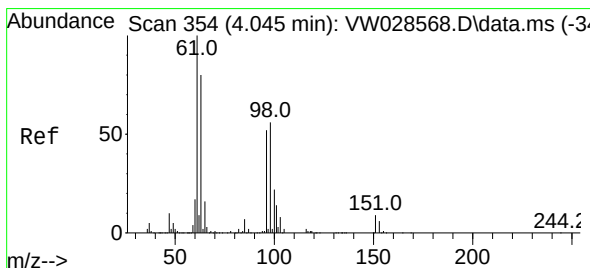
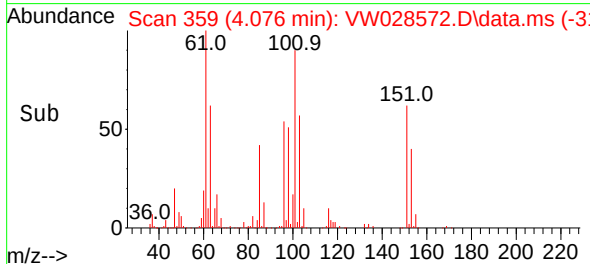
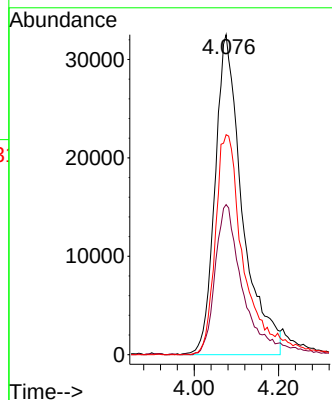
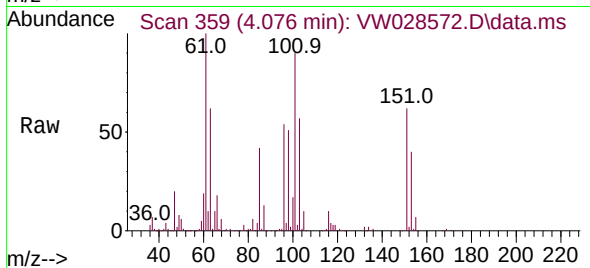
Tgt Ion:101 Resp: 146227

Ion Ratio Lower Upper

101 100

85 43.7 35.8 53.8

151 68.1 49.6 74.4



#12

1,1-Dichloroethene

Concen: 21.773 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

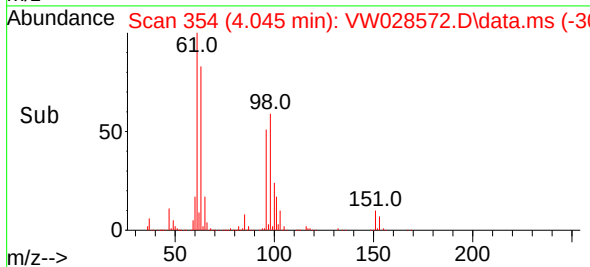
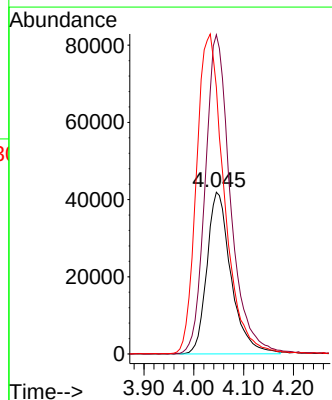
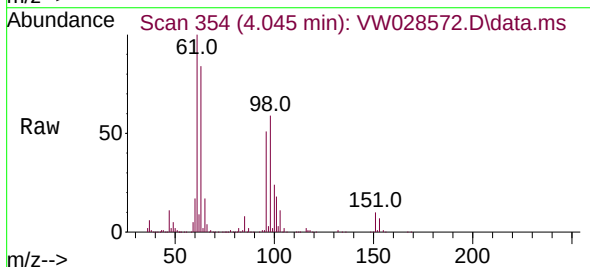
Tgt Ion: 96 Resp: 140621

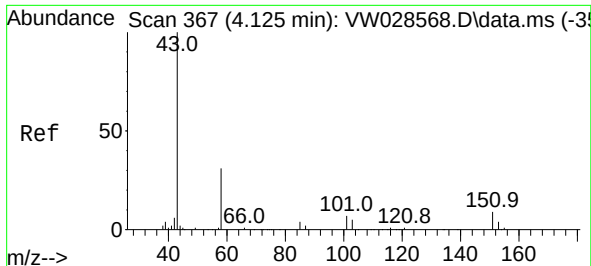
Ion Ratio Lower Upper

96 100

61 197.3 131.6 244.4

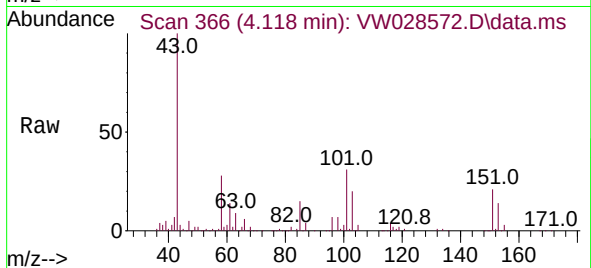
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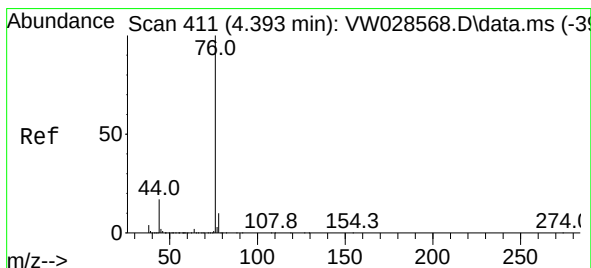
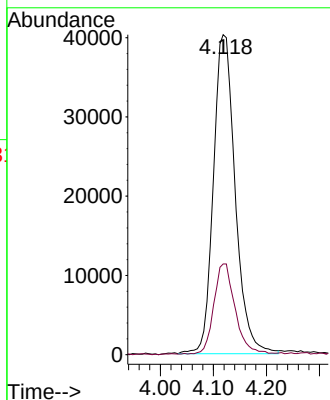
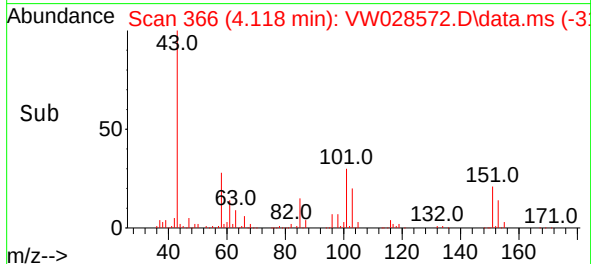


#13
Acetone
Concen: 54.466 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

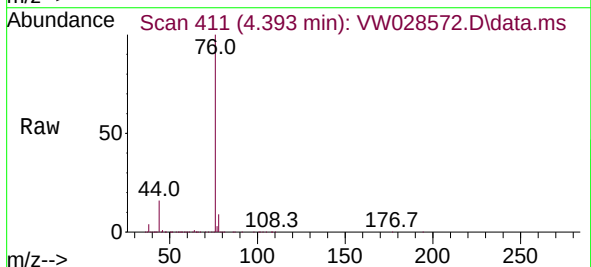
Instrument :
MSVOA_W
ClientSampleId :



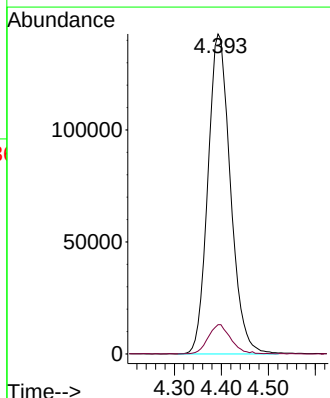
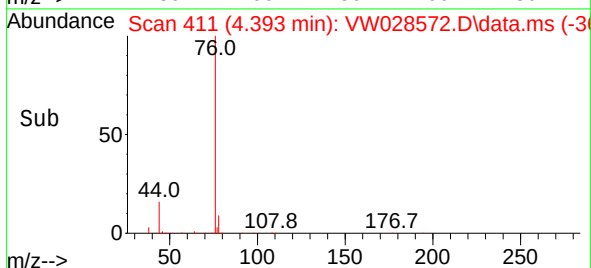
Tgt Ion: 43 Resp: 115195
Ion Ratio Lower Upper
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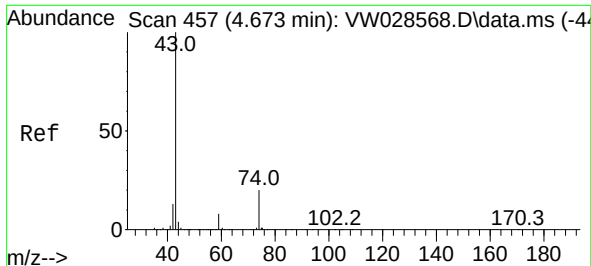


#14
Carbon disulfide
Concen: 21.785 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21



Tgt Ion: 76 Resp: 475516
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 21.824 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

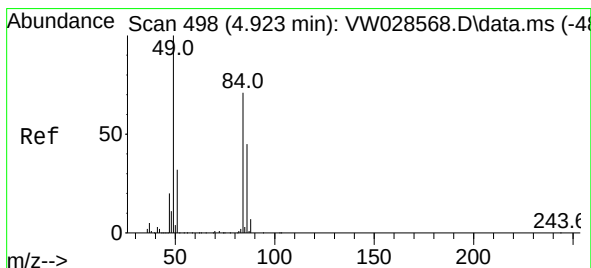
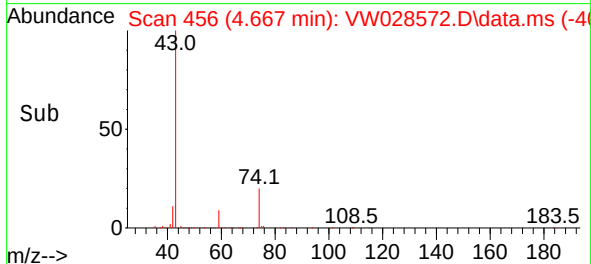
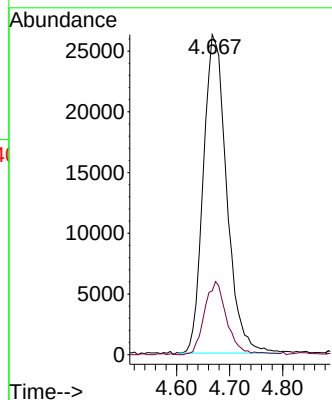
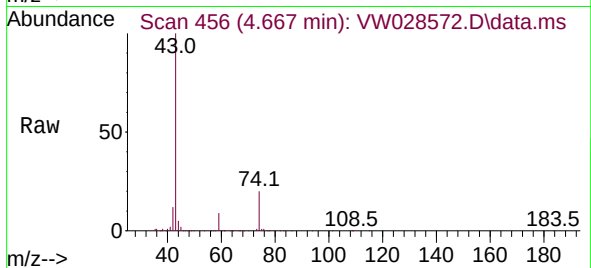
ClientSampleId :

Tgt Ion: 43 Resp: 80303

Ion Ratio Lower Upper

43 100

74 21.5 17.6 26.4



#16

Methylene chloride

Concen: 21.226 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

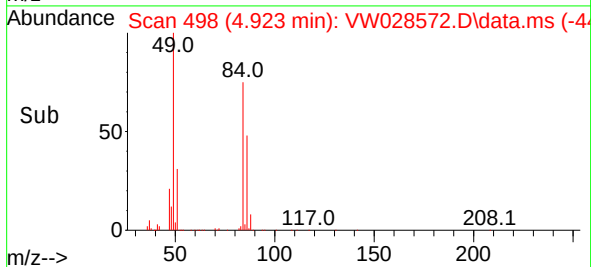
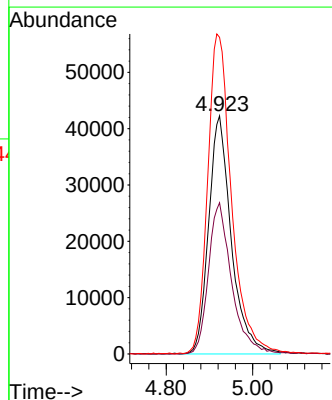
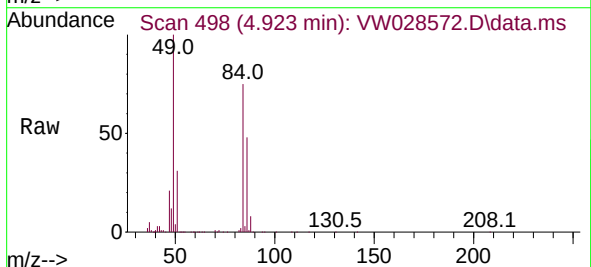
Tgt Ion: 84 Resp: 154048

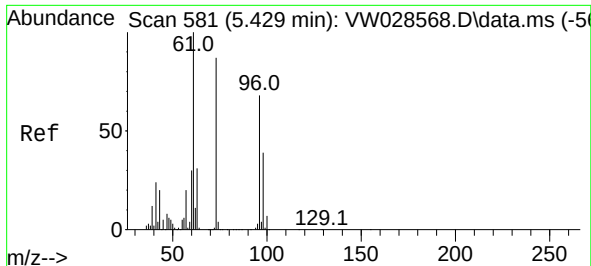
Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.4

49 133.0 100.2 186.2

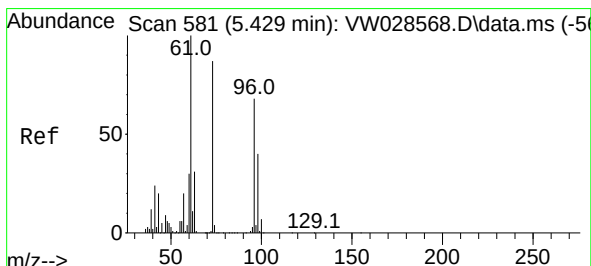
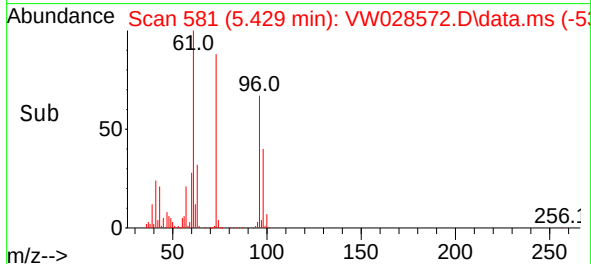
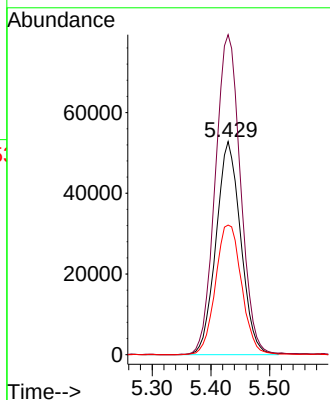
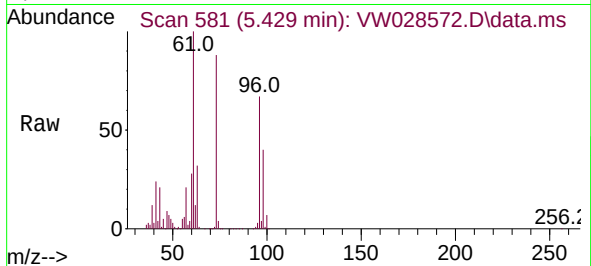




#17
trans-1,2-Dichloroethene
Concen: 22.931 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

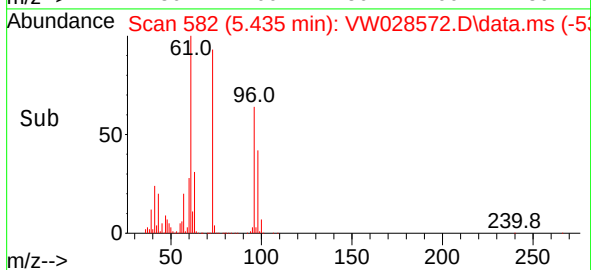
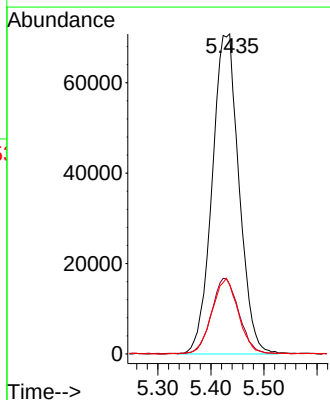
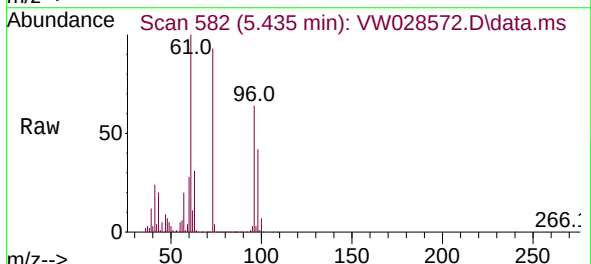
Instrument :
MSVOA_W
ClientSampleId :

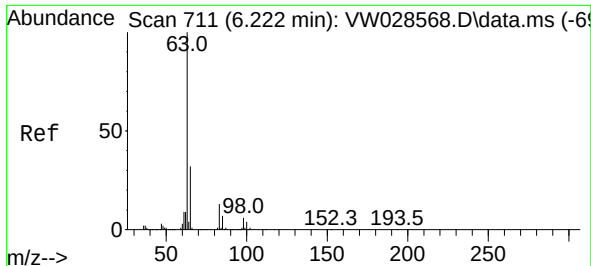
Tgt Ion: 96 Resp: 154185
Ion Ratio Lower Upper
96 100
61 150.2 109.0 202.4
98 60.8 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 25.105 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

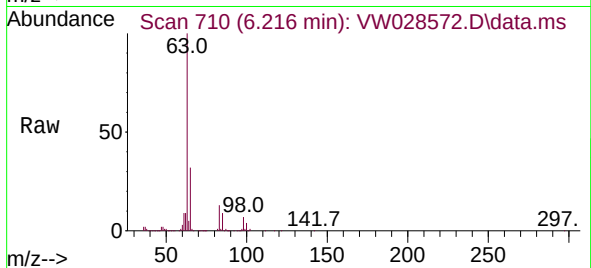
Tgt Ion: 73 Resp: 249103
Ion Ratio Lower Upper
73 100
43 23.7 19.2 28.8
57 23.1 18.5 27.7



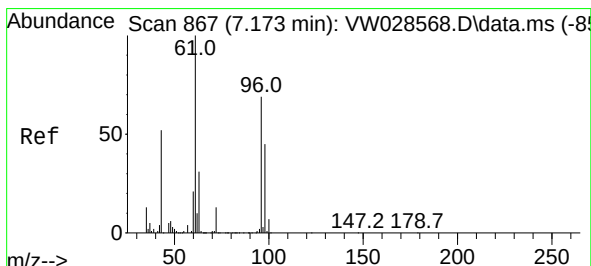
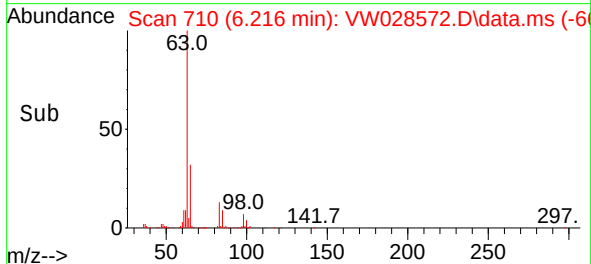
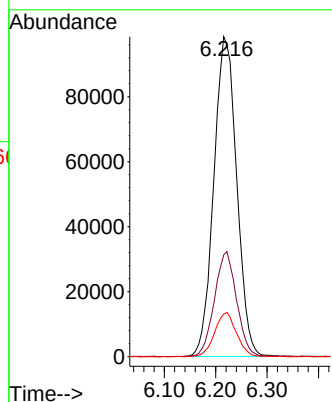


#19
1,1-Dichloroethane
Concen: 22.852 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Instrument :
MSVOA_W
ClientSampleId :

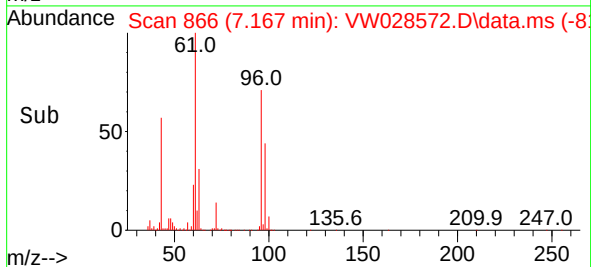
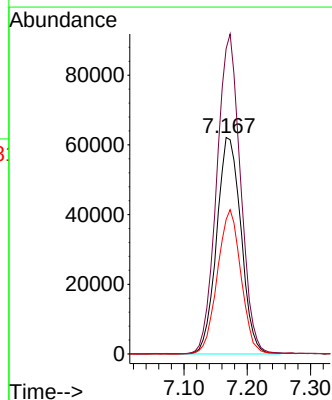
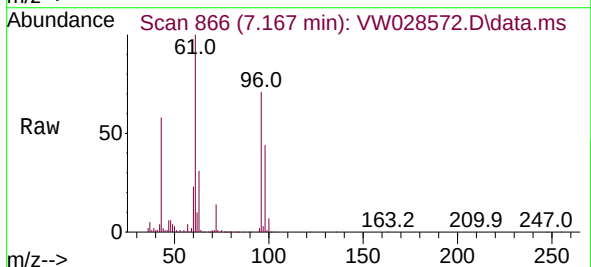


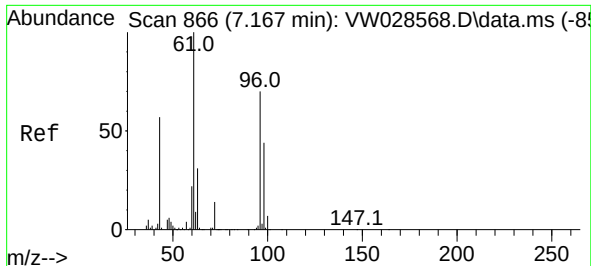
Tgt Ion: 63 Resp: 304697
Ion Ratio Lower Upper
63 100
65 31.8 22.9 42.5
83 13.3 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.592 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

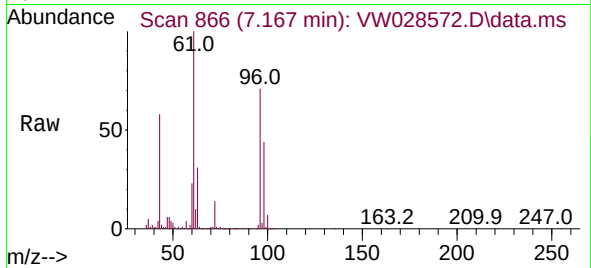
Tgt Ion: 96 Resp: 166015
Ion Ratio Lower Upper
96 100
61 141.1 102.8 191.0
98 62.1 44.3 82.3



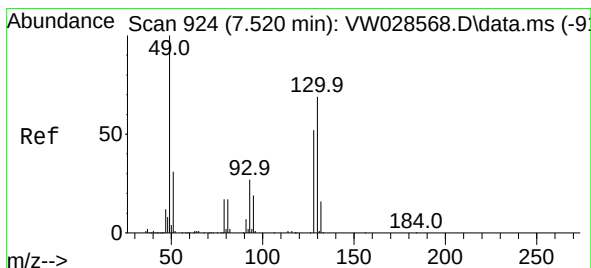
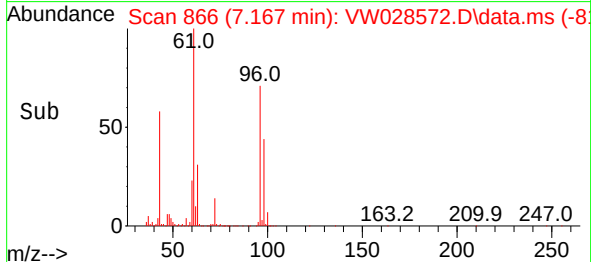
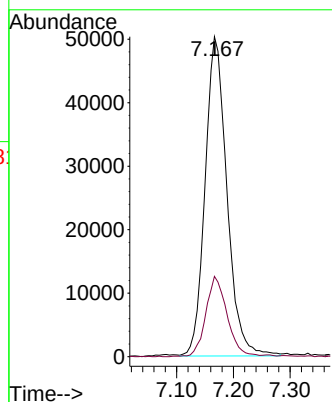


#22
2-Butanone
Concen: 49.628 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Instrument :
MSVOA_W
ClientSampleId :

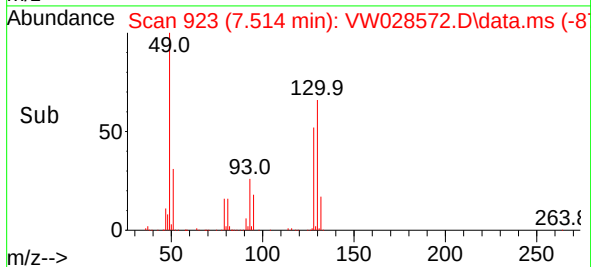
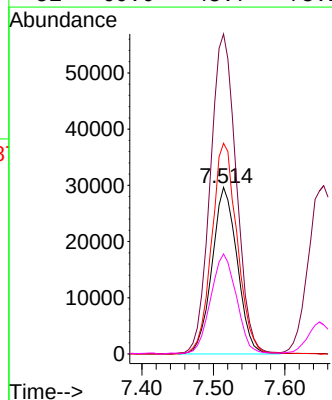
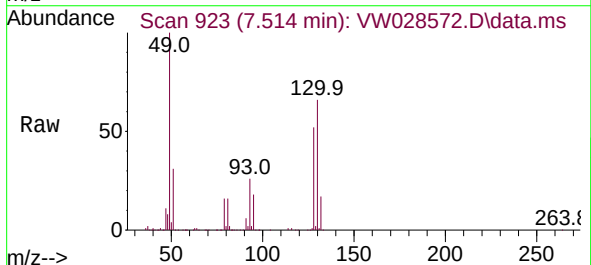


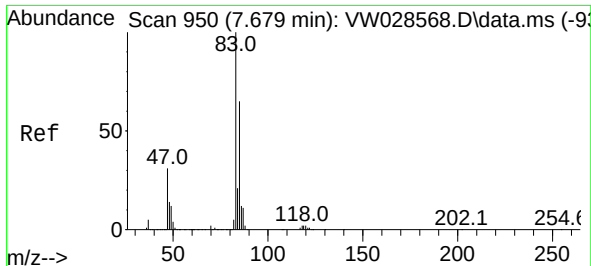
Tgt Ion: 43 Resp: 134724
Ion Ratio Lower Upper
43 100
72 24.2 12.2 36.6



#23
Bromochloromethane
Concen: 23.560 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion:128 Resp: 72320
Ion Ratio Lower Upper
128 100
49 192.1 139.6 259.2
130 126.5 91.2 169.4
51 60.0 48.7 73.1





#25

Chloroform

Concen: 23.350 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

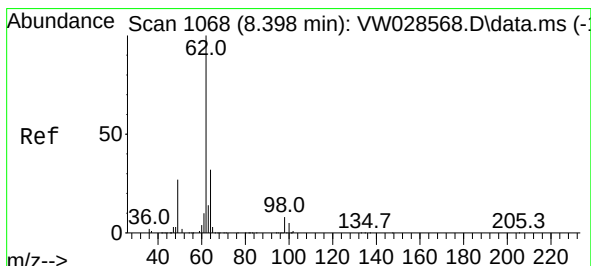
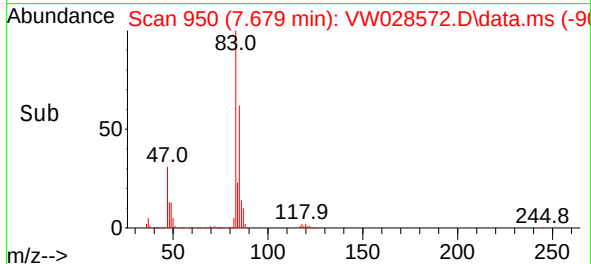
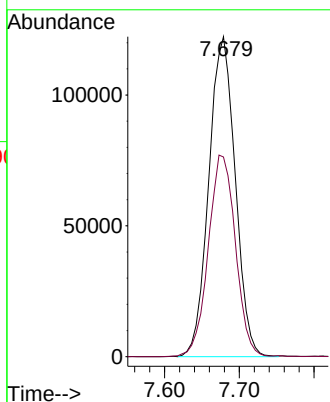
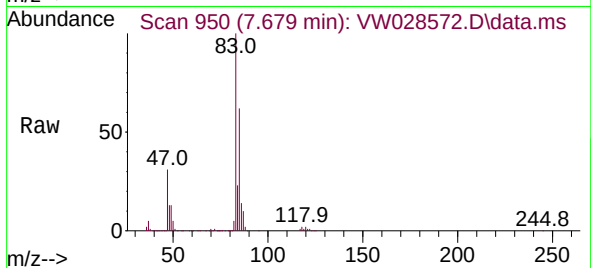
ClientSampleId :

Tgt Ion: 83 Resp: 301132

Ion Ratio Lower Upper

83 100

85 62.4 43.4 80.6



#27

1,2-Dichloroethane

Concen: 23.479 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028572.D

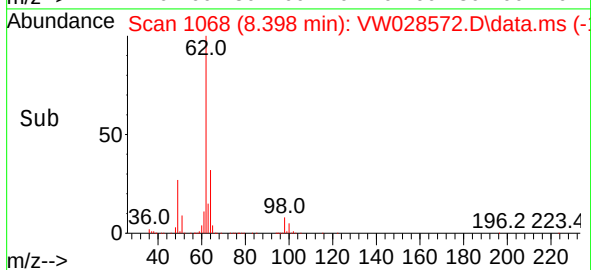
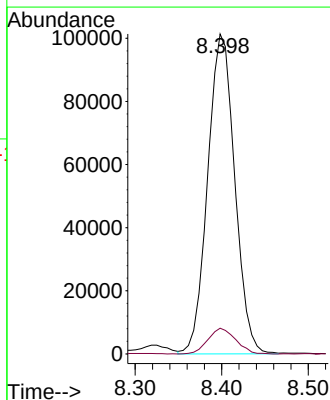
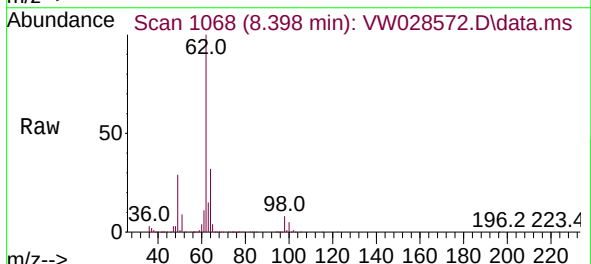
Acq: 02 May 2024 15:21

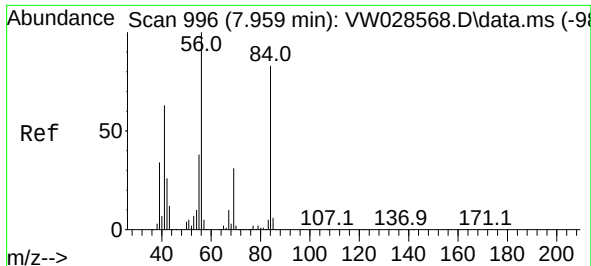
Tgt Ion: 62 Resp: 220111

Ion Ratio Lower Upper

62 100

98 8.0 7.0 10.6





#29

Cyclohexane

Concen: 22.310 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

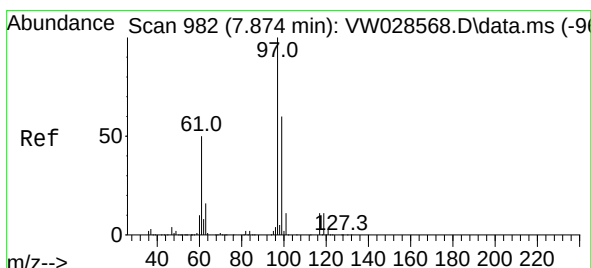
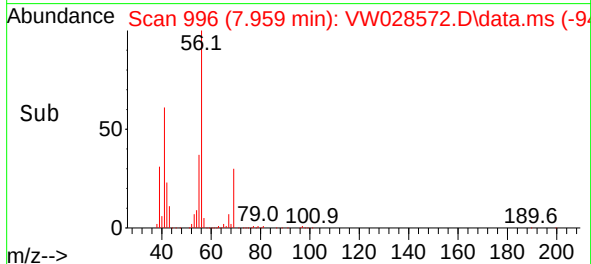
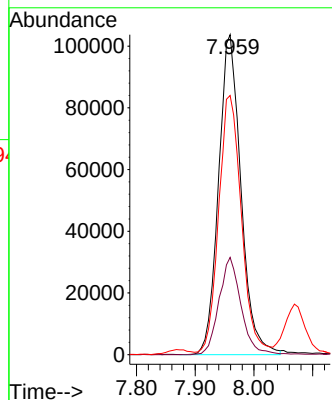
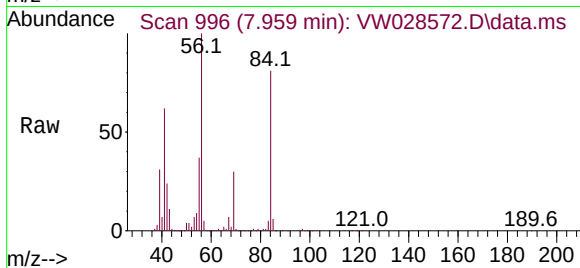
Tgt Ion: 56 Resp: 274656

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

84 82.6 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 22.355 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

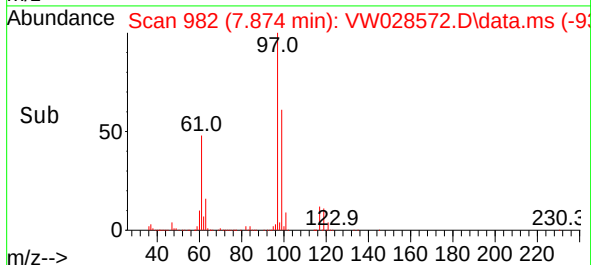
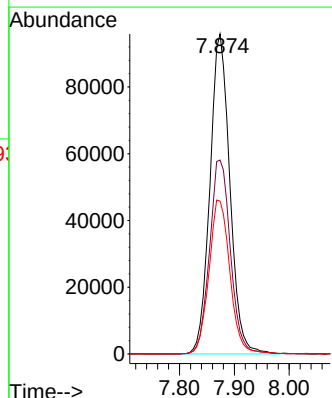
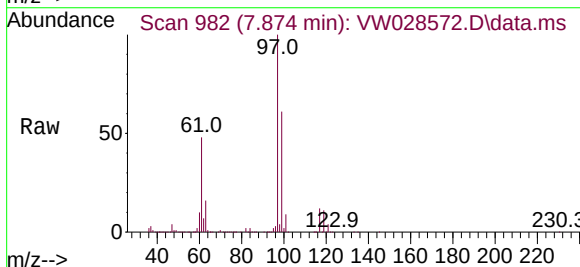
Tgt Ion: 97 Resp: 241881

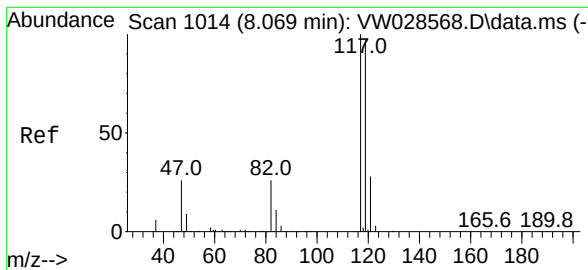
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 50.7 41.0 61.6

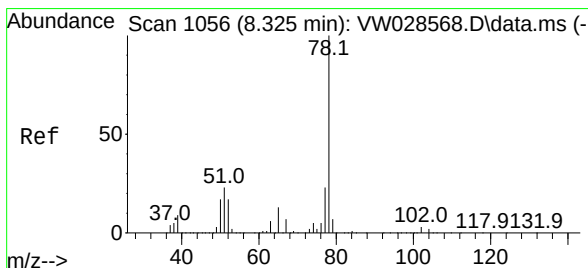
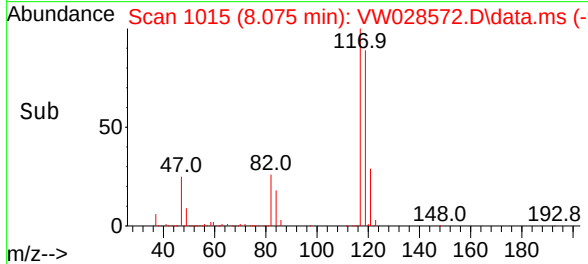
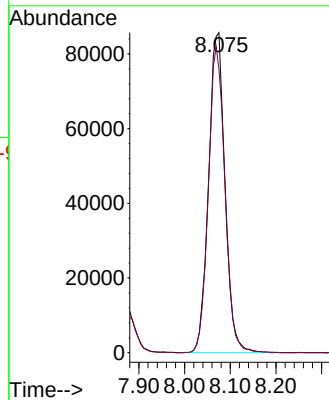
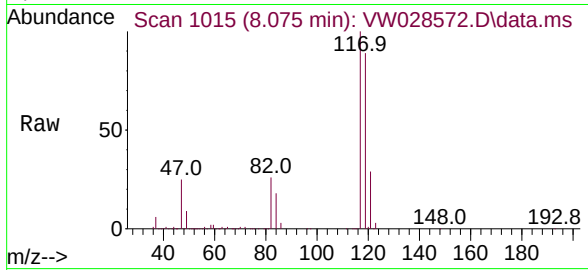




#31
Carbon tetrachloride
Concen: 21.740 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

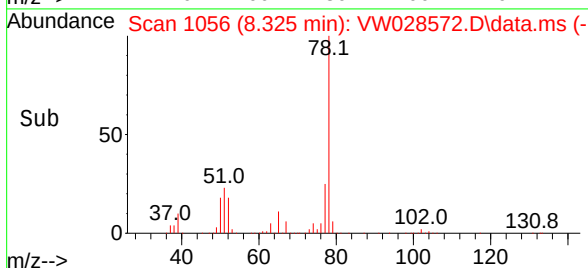
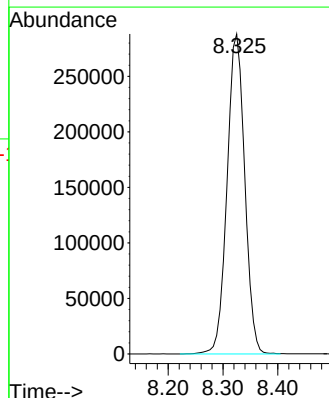
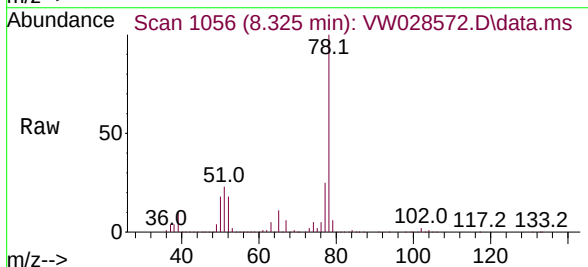
Instrument :
MSVOA_W
ClientSampleId :

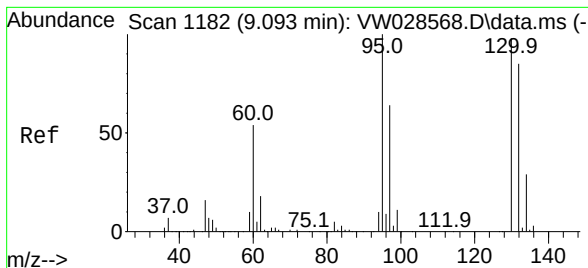
Tgt Ion:117 Resp: 214463
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8



#33
Benzene
Concen: 23.055 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion: 78 Resp: 645504





#34

Trichloroethene

Concen: 22.505 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 168940

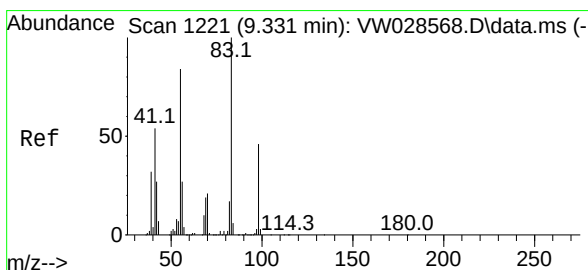
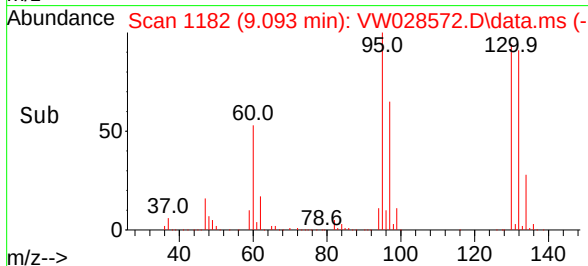
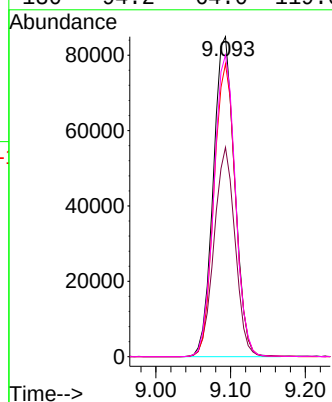
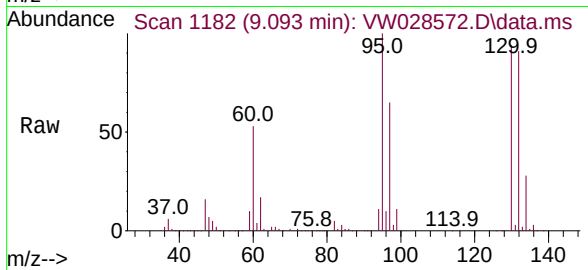
Ion Ratio Lower Upper

95 100

97 65.4 44.9 83.3

132 91.5 59.7 110.9

130 94.2 64.0 119.0



#35

Methylcyclohexane

Concen: 21.075 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

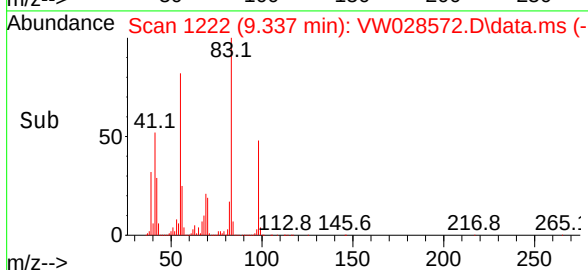
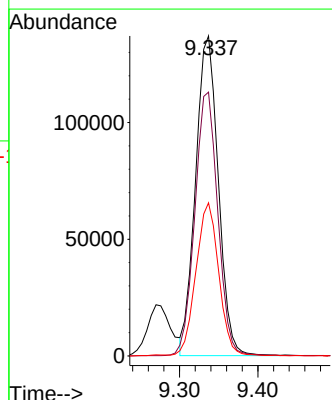
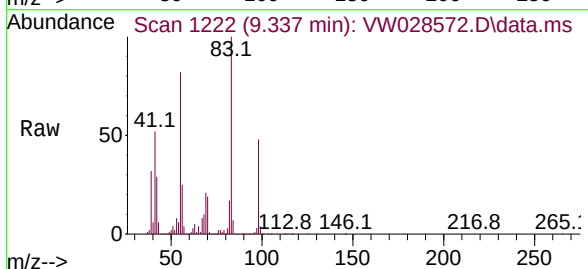
Tgt Ion: 83 Resp: 276481

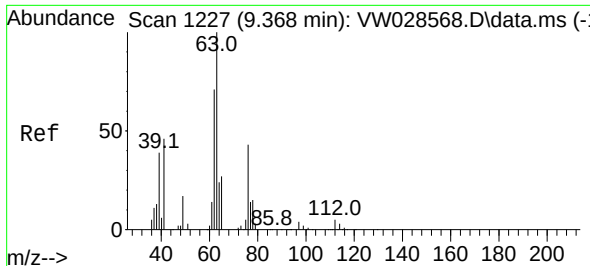
Ion Ratio Lower Upper

83 100

55 83.2 66.9 100.3

98 48.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 23.929 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

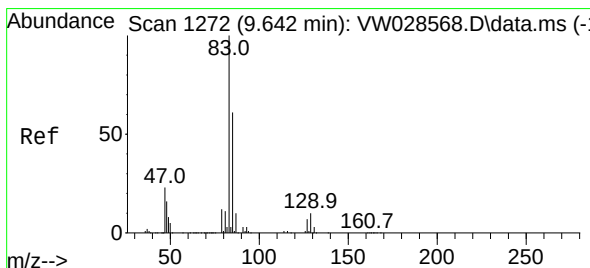
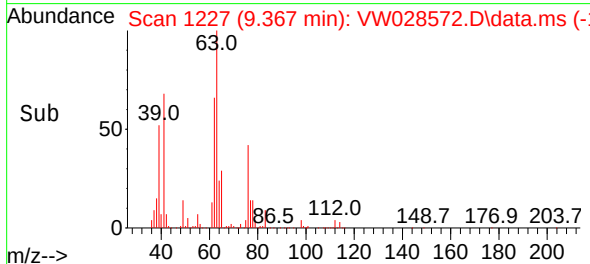
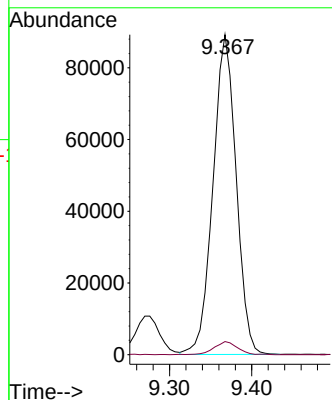
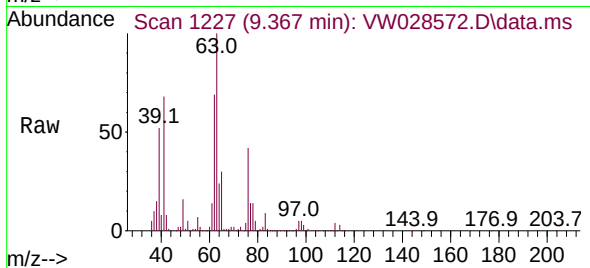
ClientSampleId :

Tgt Ion: 63 Resp: 174580

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 24.112 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

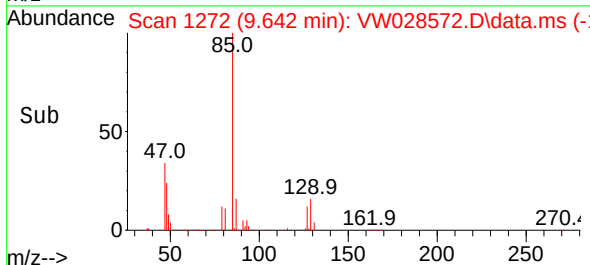
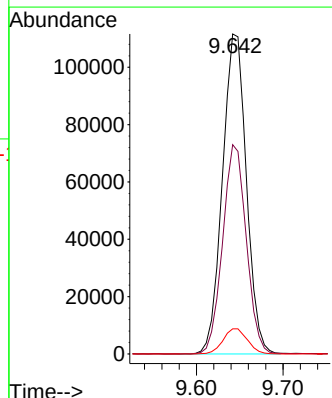
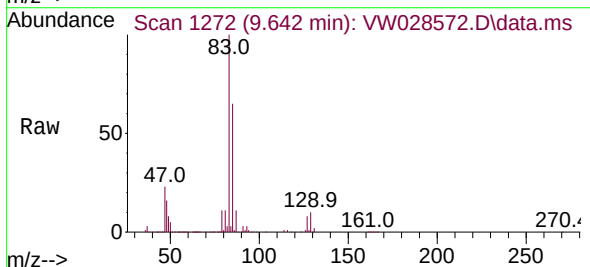
Tgt Ion: 83 Resp: 214437

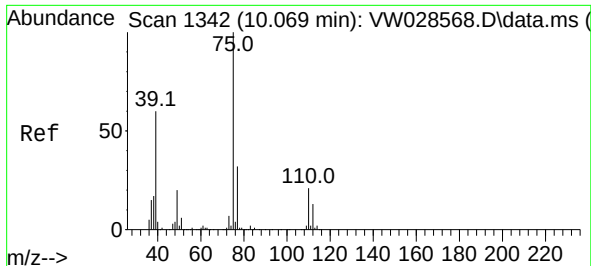
Ion Ratio Lower Upper

83 100

85 65.4 43.0 80.0

127 7.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.465 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

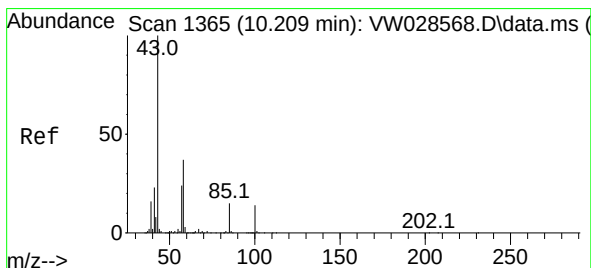
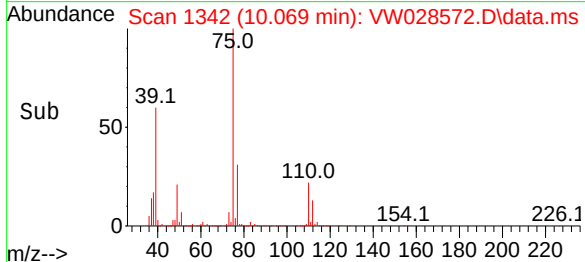
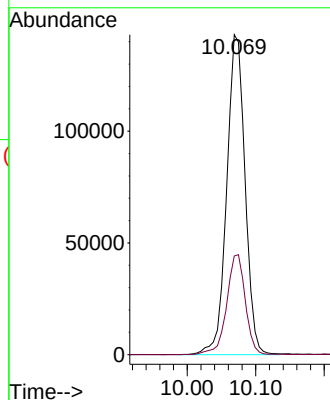
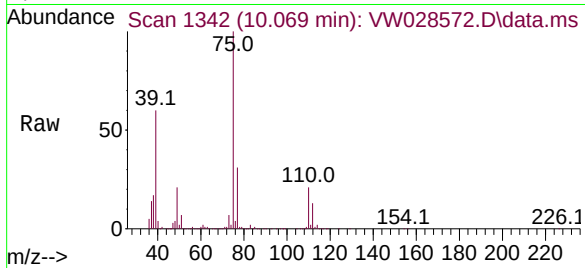
ClientSampleId :

Tgt Ion: 75 Resp: 266281

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.123 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

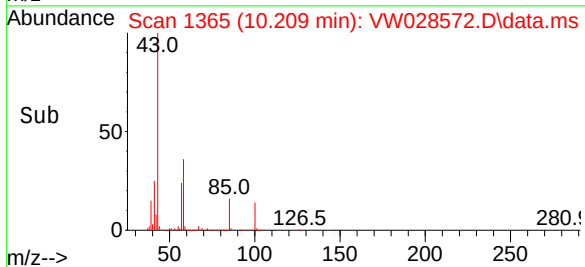
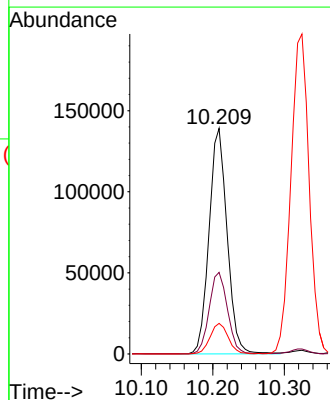
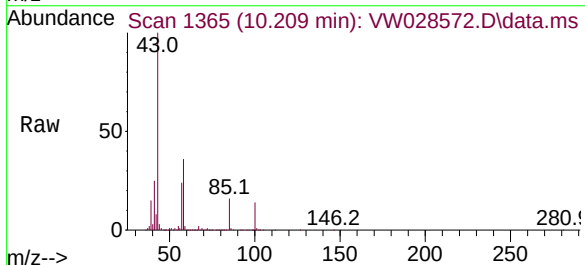
Tgt Ion: 43 Resp: 243918

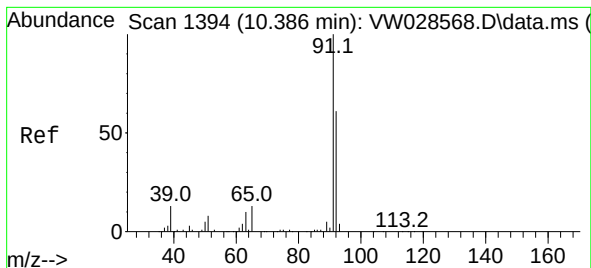
Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

100 13.6 11.0 16.4





#42

Toluene

Concen: 23.610 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

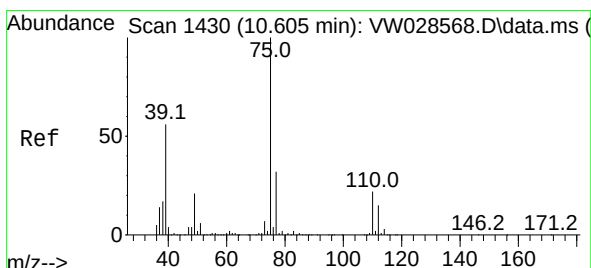
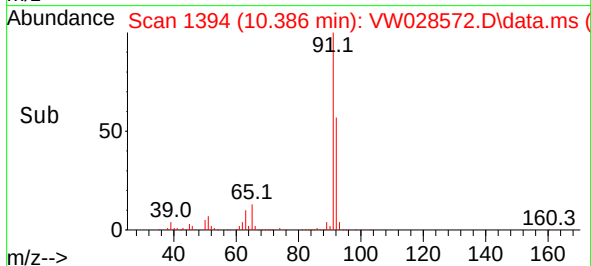
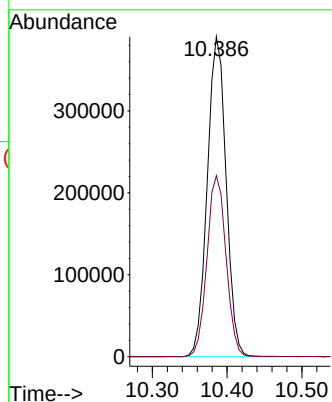
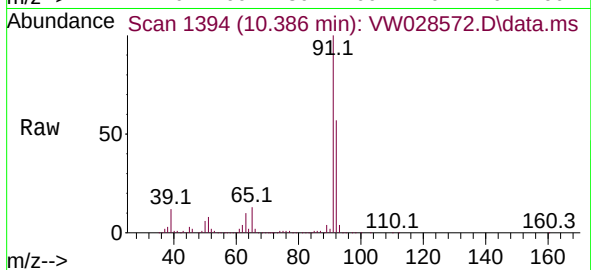
ClientSampleId :

Tgt Ion: 91 Resp: 682756

Ion Ratio Lower Upper

91 100

92 56.6 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.646 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028572.D

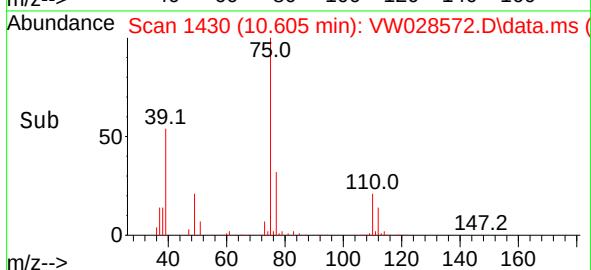
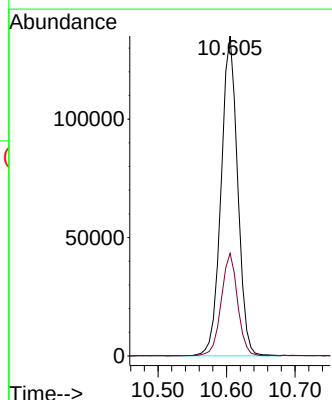
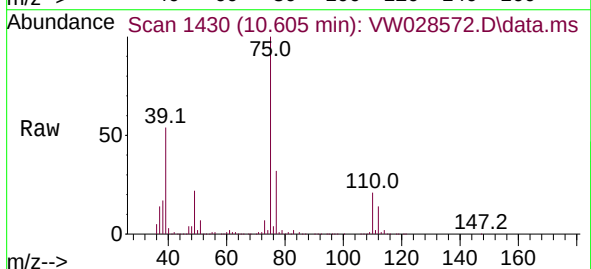
Acq: 02 May 2024 15:21

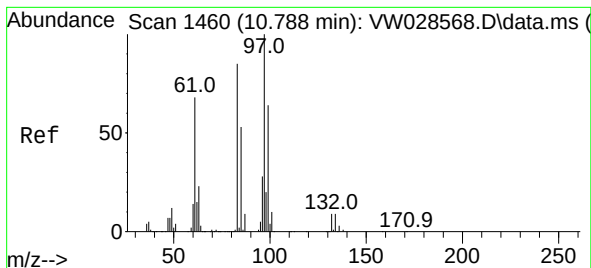
Tgt Ion: 75 Resp: 226112

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 23.086 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 122010

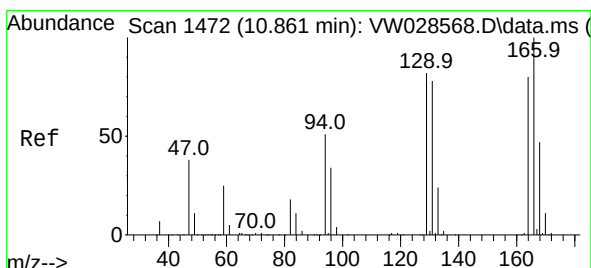
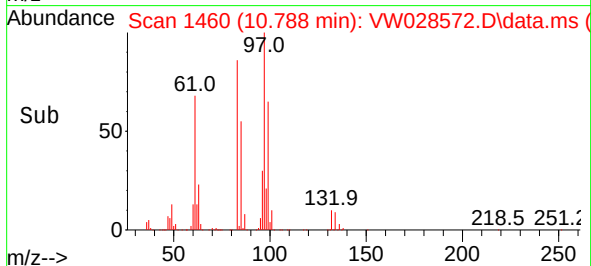
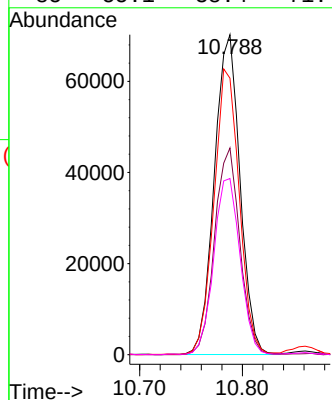
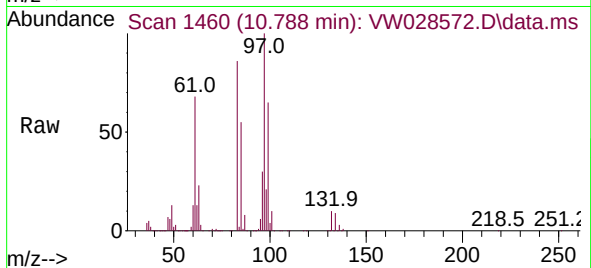
Ion Ratio Lower Upper

97 100

99 64.6 41.9 77.9

83 86.4 62.1 115.3

85 55.1 38.4 71.4



#46

Tetrachloroethene

Concen: 21.634 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Tgt Ion:164 Resp: 117005

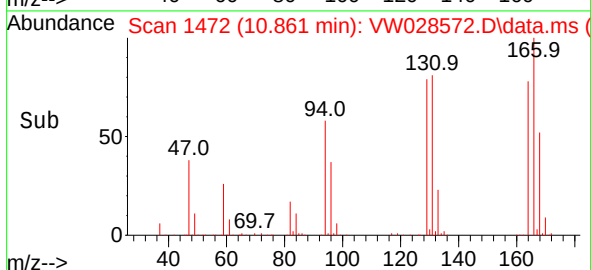
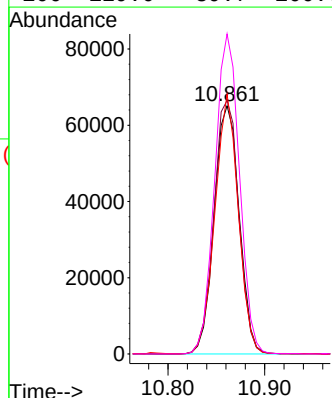
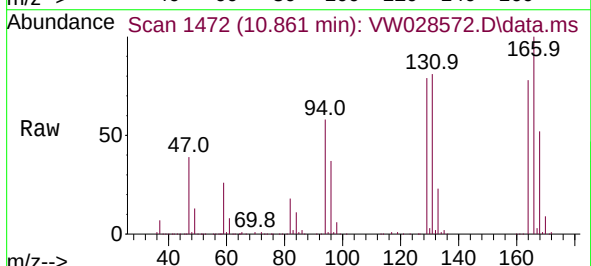
Ion Ratio Lower Upper

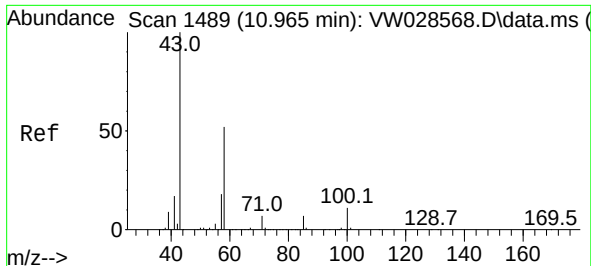
164 100

129 102.1 69.2 128.6

131 104.6 67.7 125.7

166 129.0 89.7 166.7



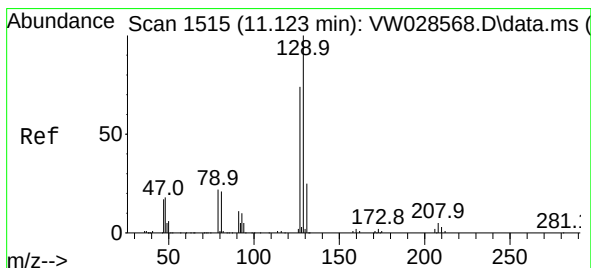
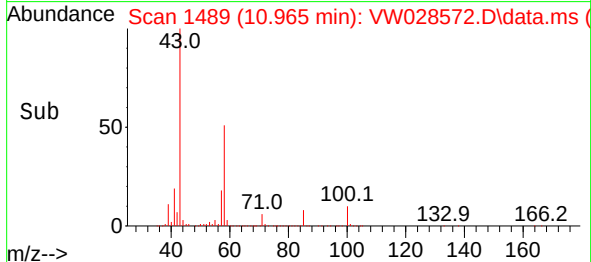
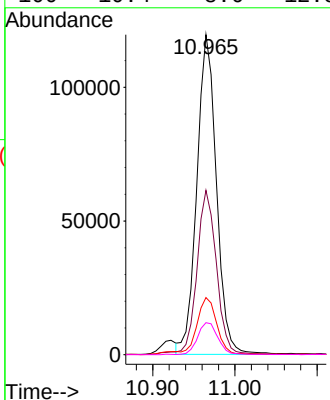
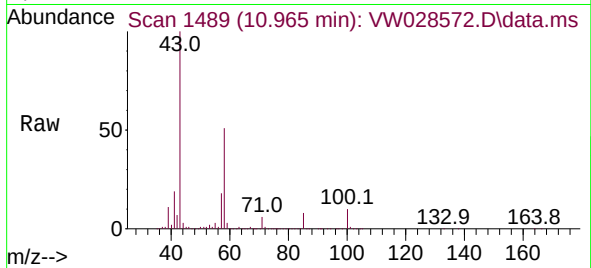


#48
2-Hexanone
Concen: 56.518 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 198126

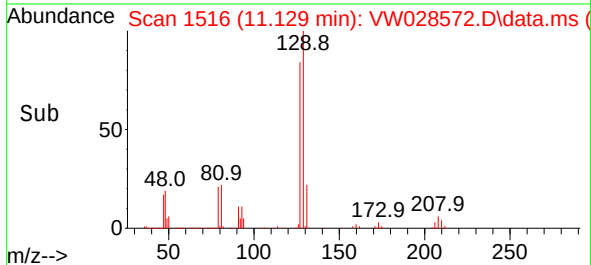
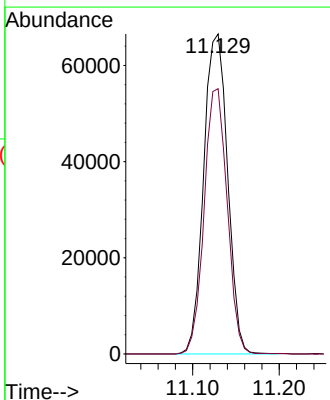
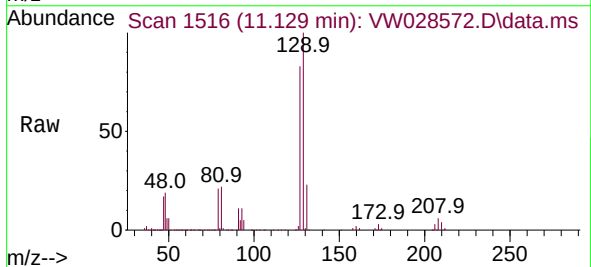
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.0	61.4
57	18.0	14.8	22.2
100	10.4	8.6	12.8

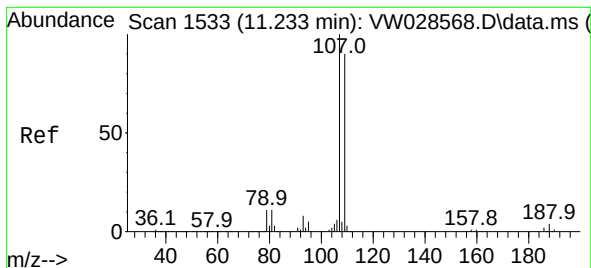


#49
Dibromochloromethane
Concen: 24.104 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion: 129 Resp: 127776

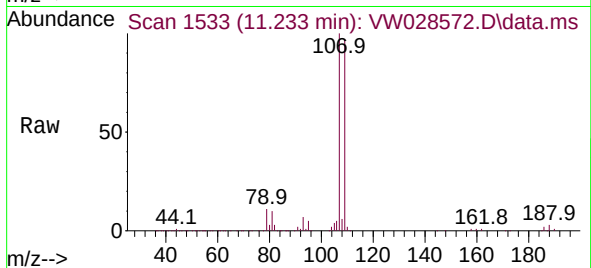
Ion	Ratio	Lower	Upper
129	100		
127	82.9	54.3	100.8



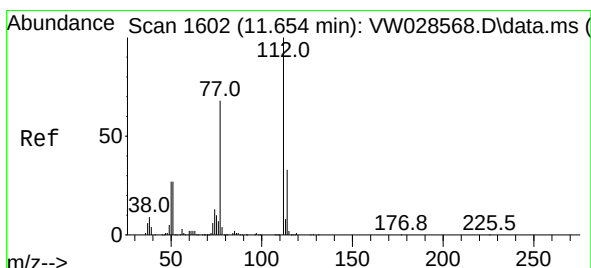
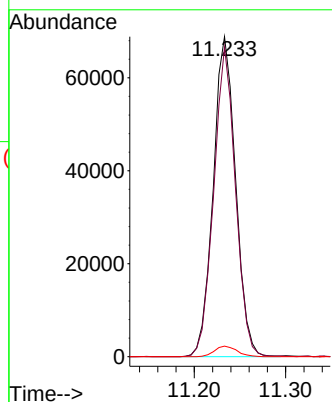
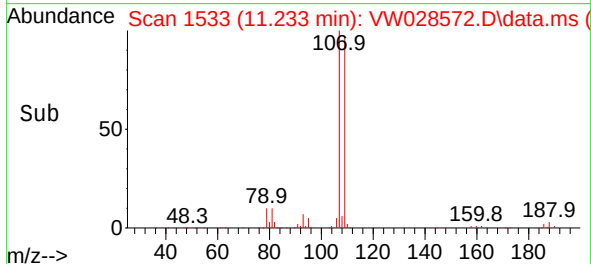


#50
1,2-Dibromoethane
Concen: 23.691 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Instrument :
MSVOA_W
ClientSampleId :

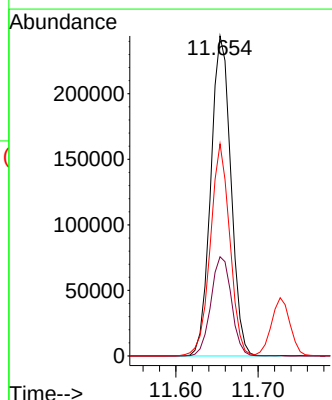
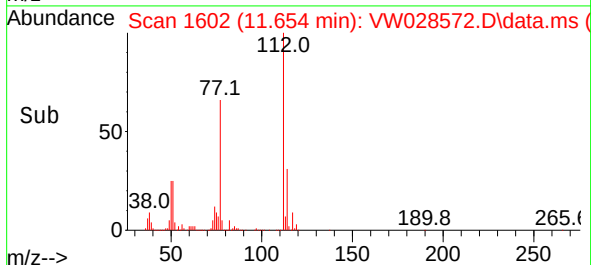
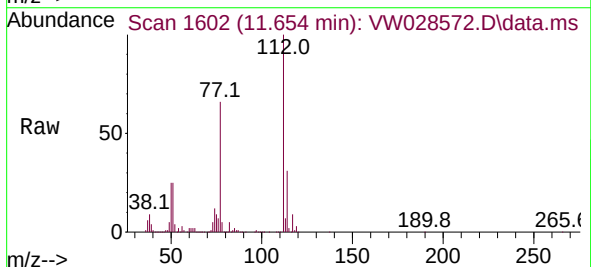


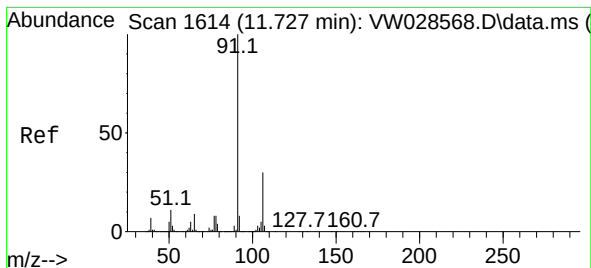
Tgt Ion:107 Resp: 117287
Ion Ratio Lower Upper
107 100
109 96.8 64.2 119.2
188 3.3 3.1 4.7



#51
Chlorobenzene
Concen: 23.213 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion:112 Resp: 415225
Ion Ratio Lower Upper
112 100
114 31.0 22.2 41.2
77 66.3 50.8 76.2





#52

Ethylbenzene

Concen: 23.623 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

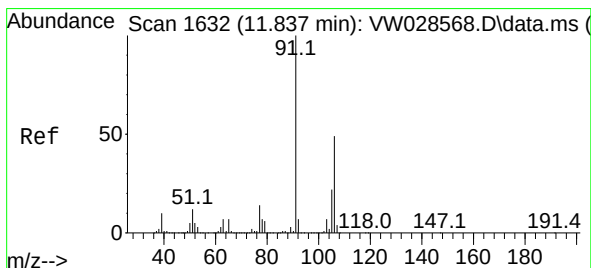
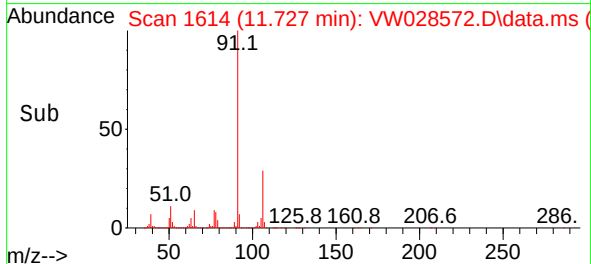
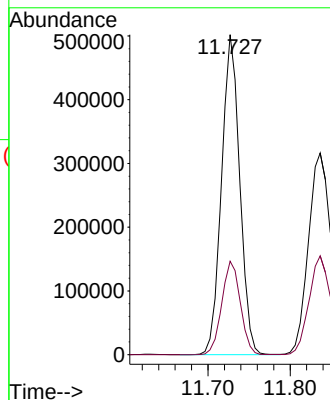
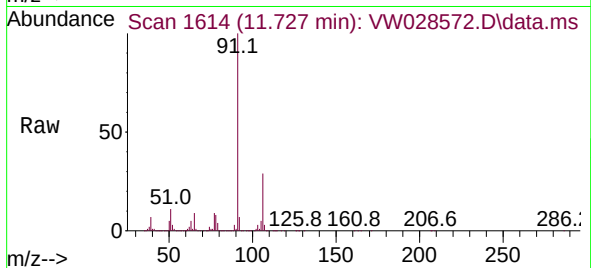
ClientSampleId :

Tgt Ion: 91 Resp: 773083

Ion Ratio Lower Upper

91 100

106 29.2 22.7 42.1



#53

m,p-Xylene

Concen: 23.576 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028572.D

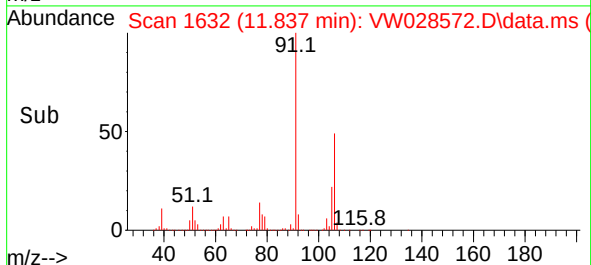
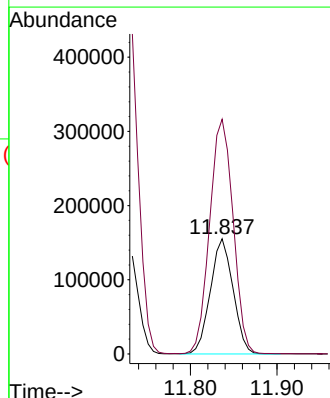
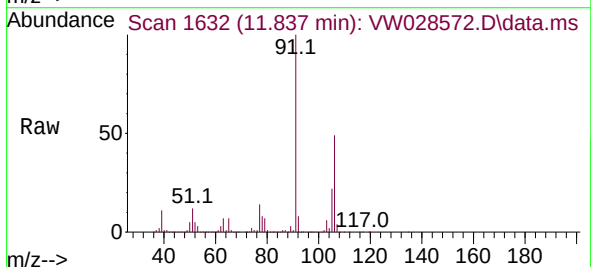
Acq: 02 May 2024 15:21

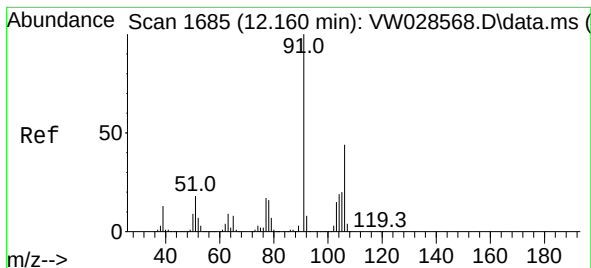
Tgt Ion:106 Resp: 282817

Ion Ratio Lower Upper

106 100

91 203.9 146.6 272.2

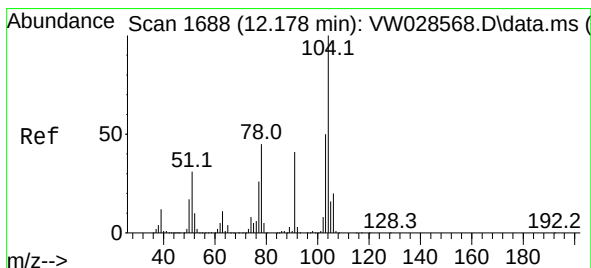
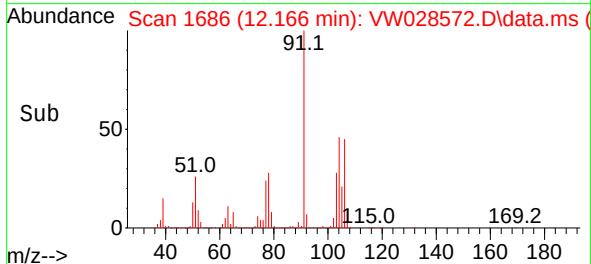
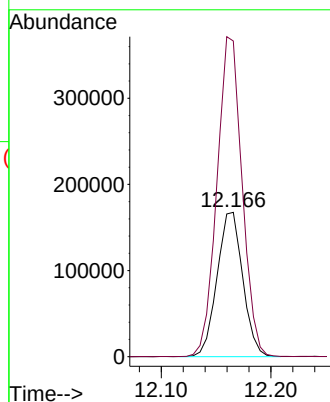
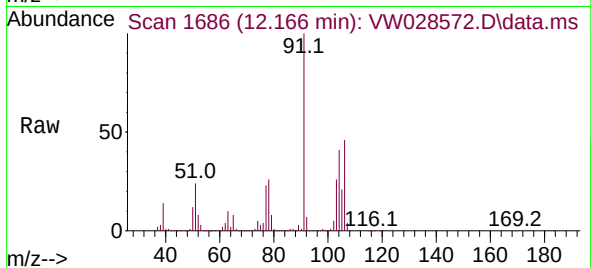




#54
o-Xylene
Concen: 24.580 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

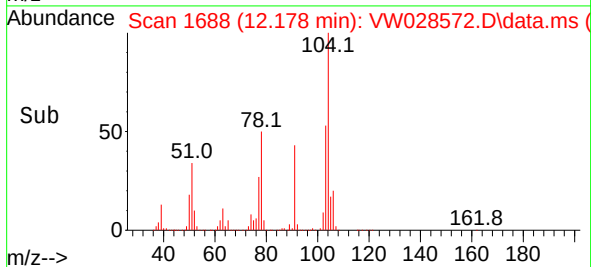
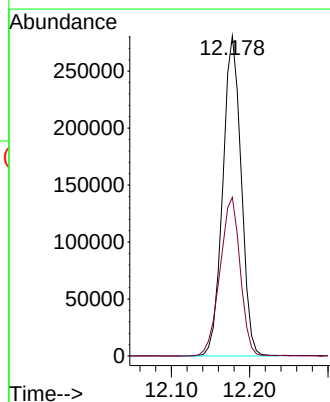
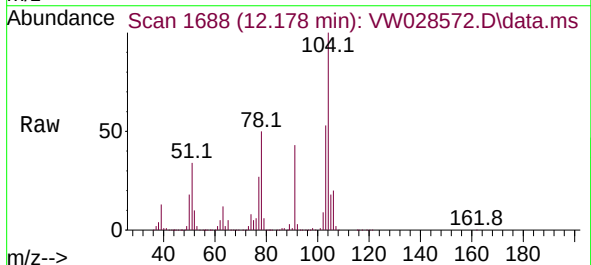
Instrument :
MSVOA_W
ClientSampleId :

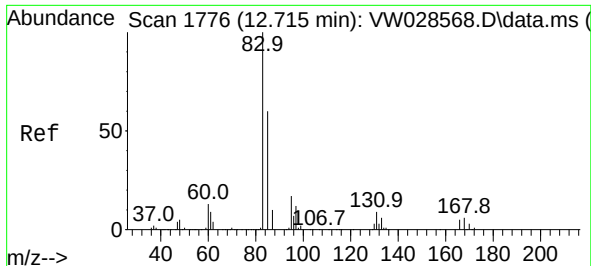
Tgt Ion:106 Resp: 272785
Ion Ratio Lower Upper
106 100
91 218.7 154.3 286.5



#55
Styrene
Concen: 24.438 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion:104 Resp: 459555
Ion Ratio Lower Upper
104 100
78 49.5 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 22.931 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

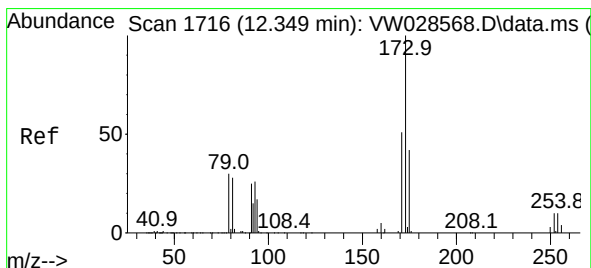
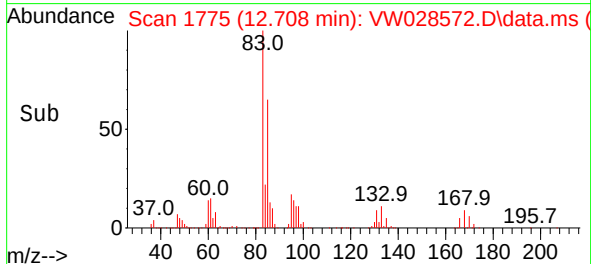
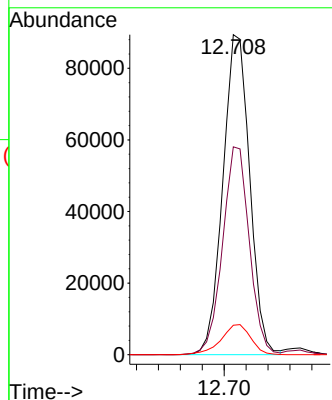
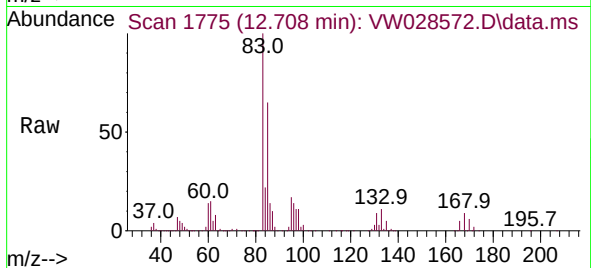
Tgt Ion: 83 Resp: 152052

Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6

131 9.2 7.3 10.9



#59

Bromoform

Concen: 23.352 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

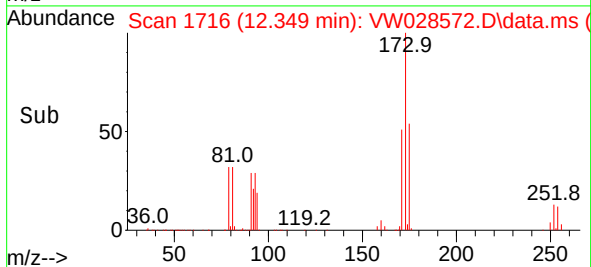
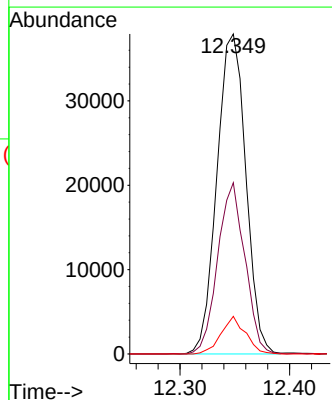
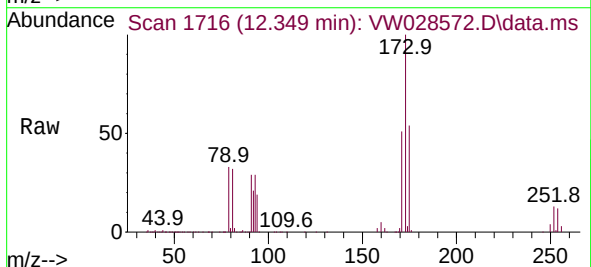
Tgt Ion:173 Resp: 69589

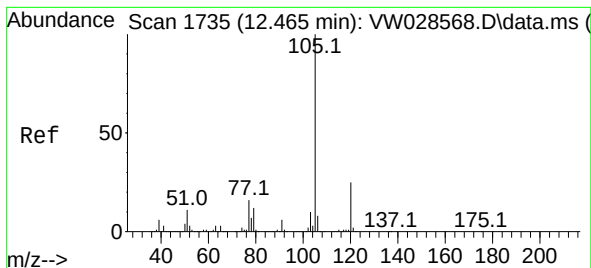
Ion Ratio Lower Upper

173 100

175 50.2 39.8 59.8

254 9.9 7.1 10.7





#60

Isopropylbenzene

Concen: 23.766 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

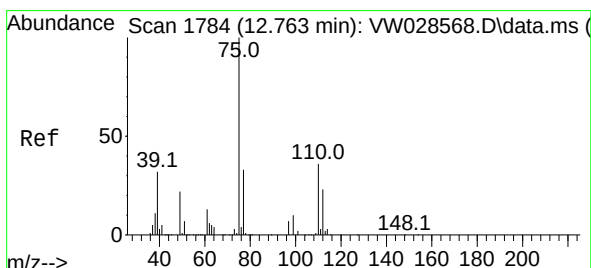
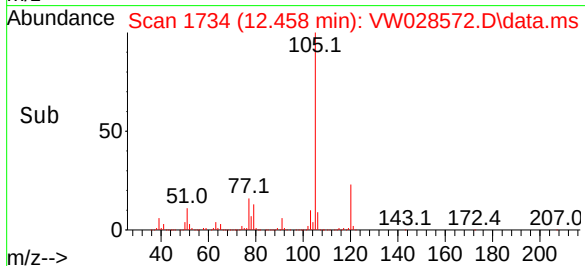
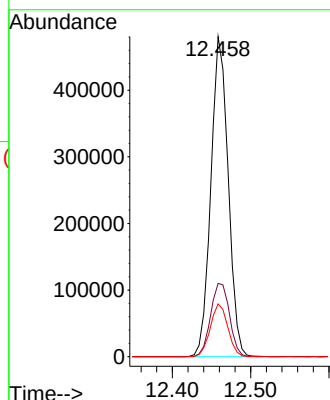
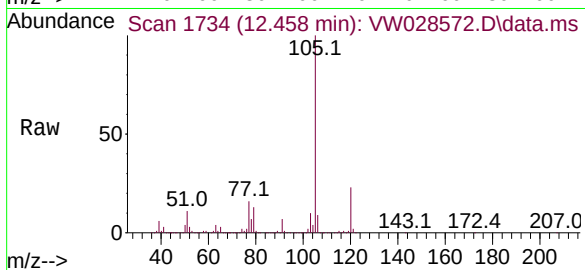
Tgt Ion:105 Resp: 736499

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.886 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

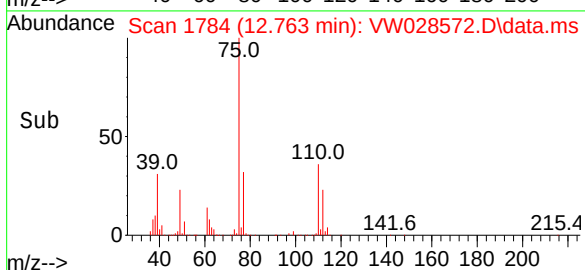
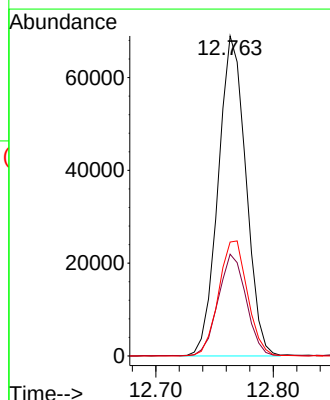
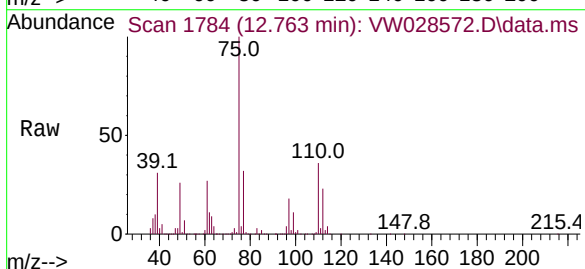
Tgt Ion: 75 Resp: 112975

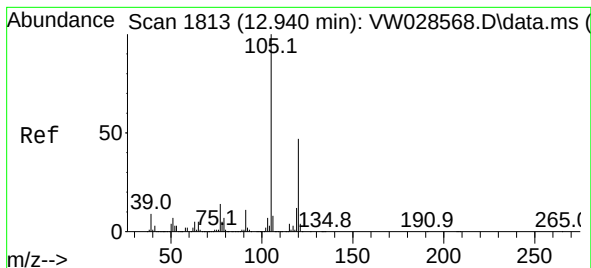
Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9

110 37.5 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 24.824 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

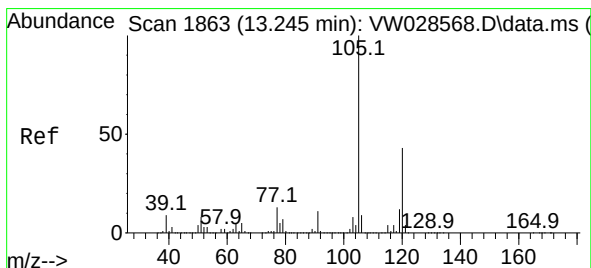
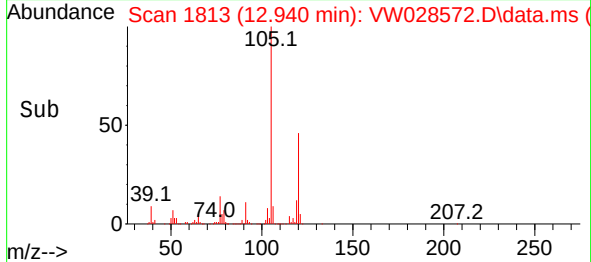
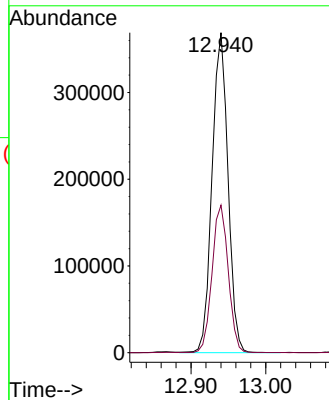
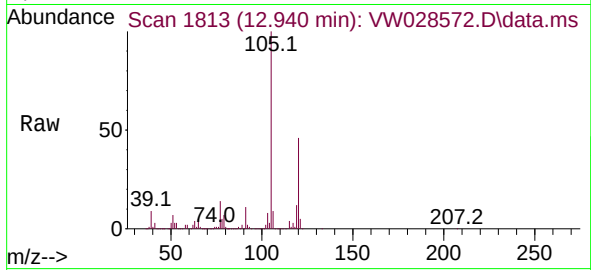
ClientSampleId :

Tgt Ion:105 Resp: 544286

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.760 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028572.D

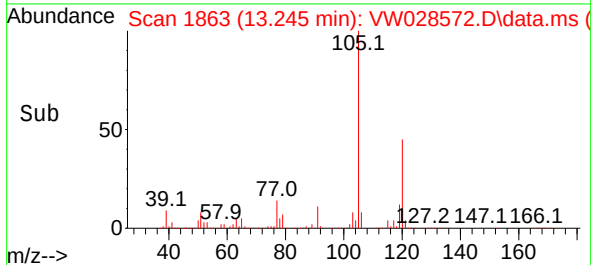
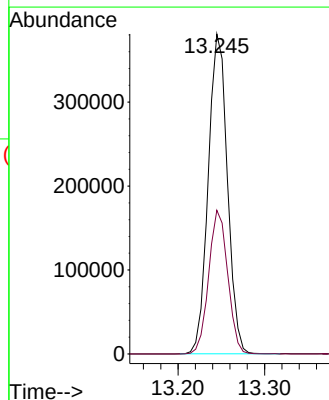
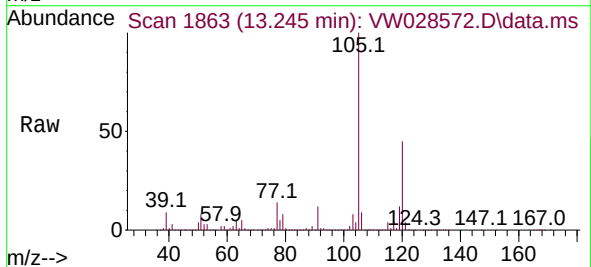
Acq: 02 May 2024 15:21

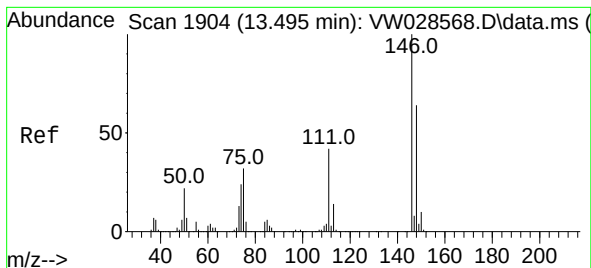
Tgt Ion:105 Resp: 584930

Ion Ratio Lower Upper

105 100

120 44.6 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 23.257 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

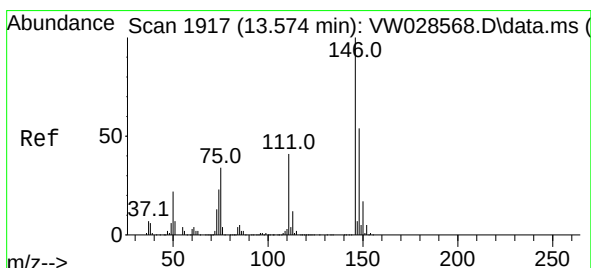
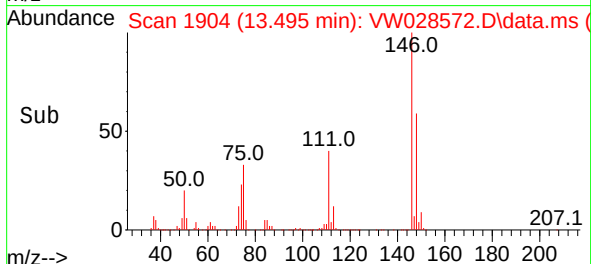
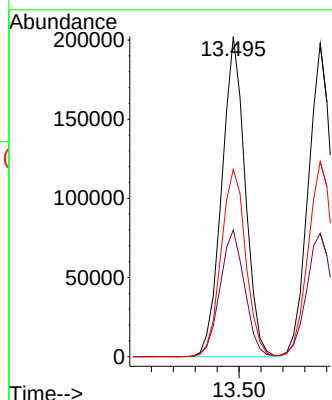
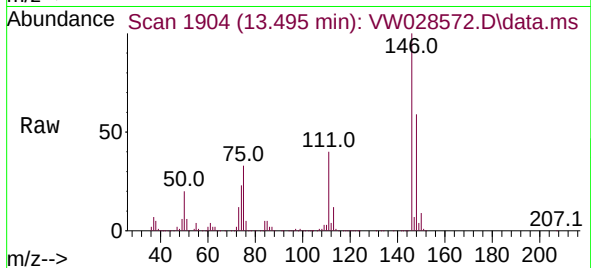
Tgt Ion:146 Resp: 299816

Ion Ratio Lower Upper

146 100

111 39.6 30.7 57.1

148 58.5 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 22.731 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

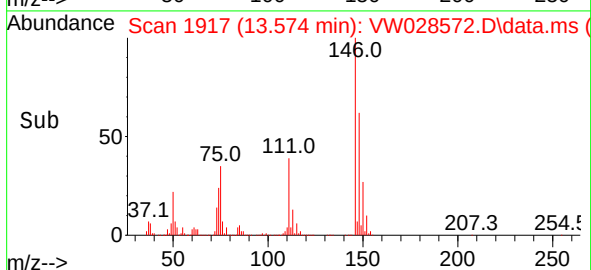
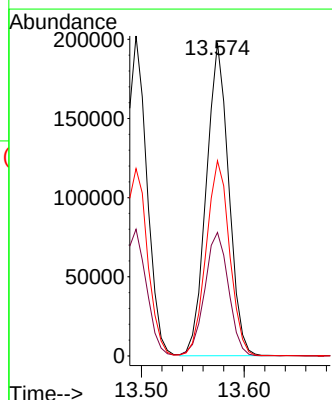
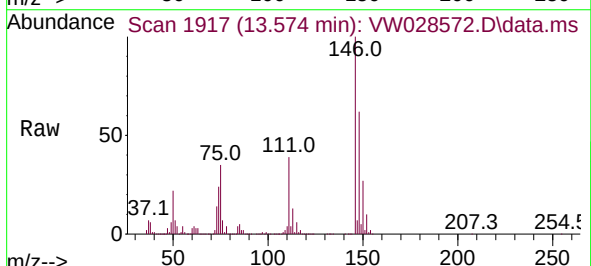
Tgt Ion:146 Resp: 299596

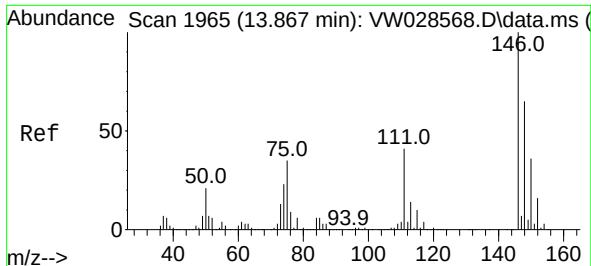
Ion Ratio Lower Upper

146 100

111 39.5 29.1 54.1

148 62.4 41.2 76.6

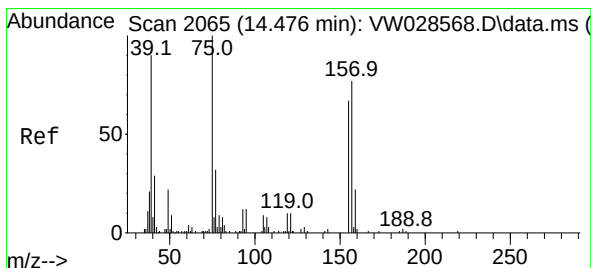
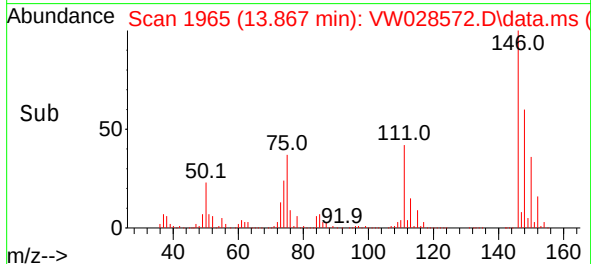
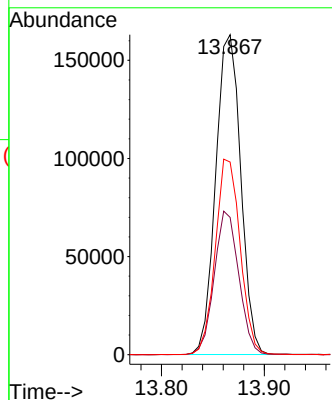
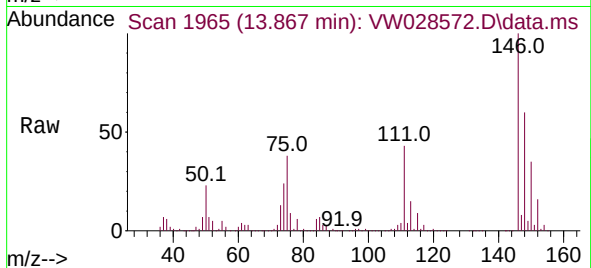




#67
1,2-Dichlorobenzene
Concen: 23.940 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

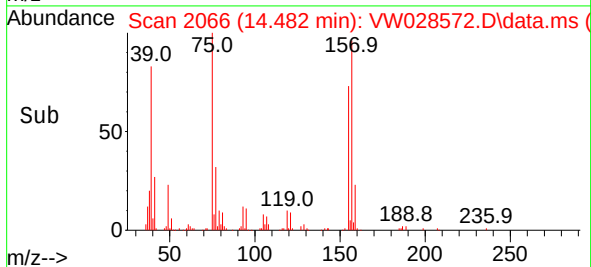
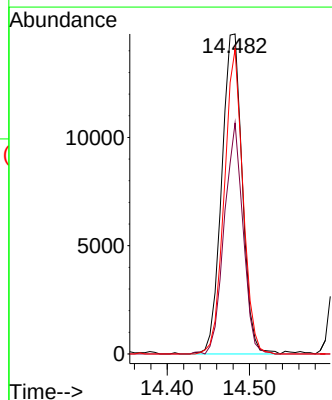
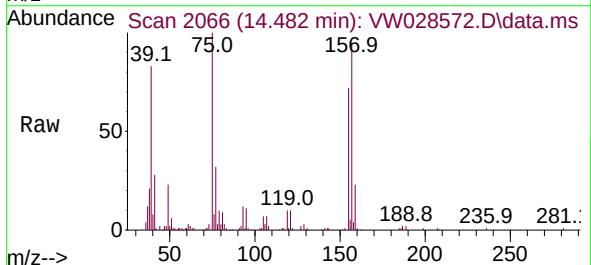
Instrument :
MSVOA_W
ClientSampleId :

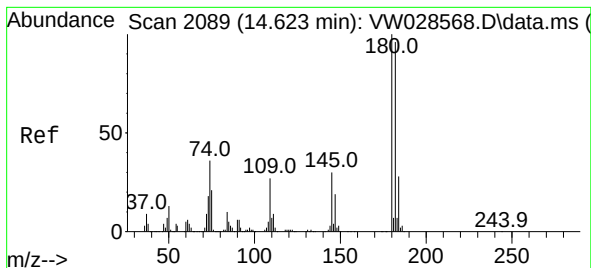
Tgt Ion:146 Resp: 276236
Ion Ratio Lower Upper
146 100
111 42.9 34.7 52.1
148 60.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.276 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW028572.D
Acq: 02 May 2024 15:21

Tgt Ion: 75 Resp: 25710
Ion Ratio Lower Upper
75 100
155 72.2 55.1 82.7
157 95.3 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 19.803 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 171308

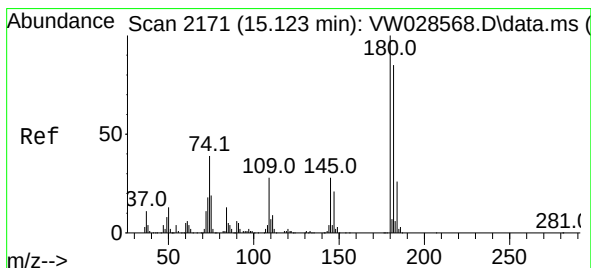
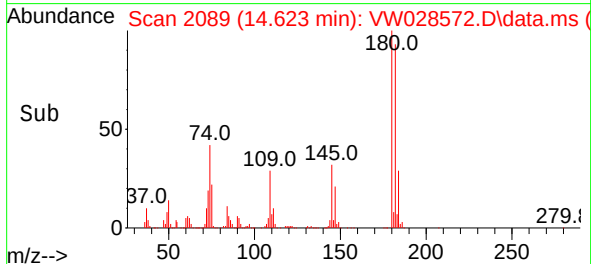
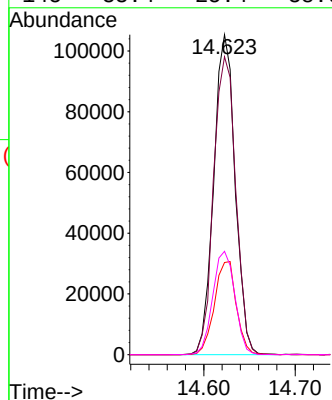
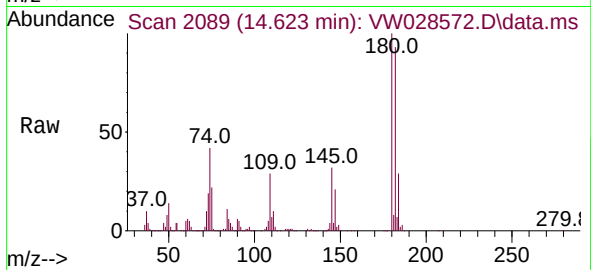
Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.2

184 30.0 24.0 36.0

145 33.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 22.481 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

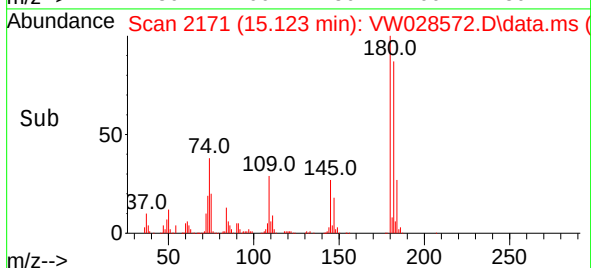
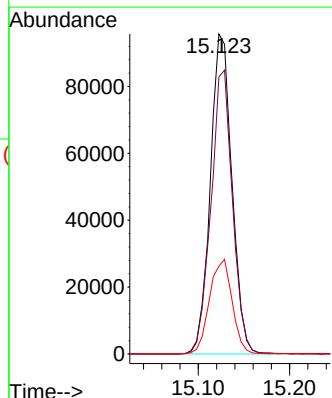
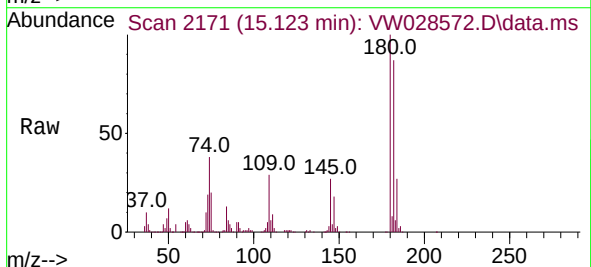
Tgt Ion:180 Resp: 157139

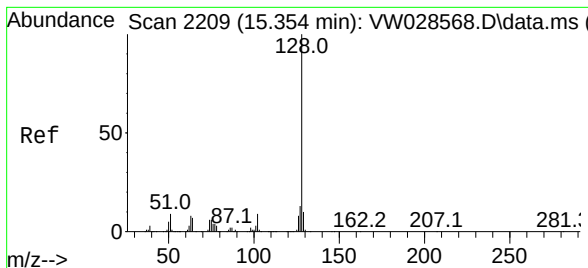
Ion Ratio Lower Upper

180 100

182 88.2 77.2 115.8

145 31.0 26.6 39.8





#71

Naphthalene

Concen: 23.765 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

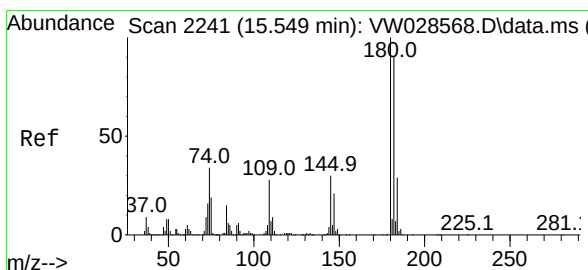
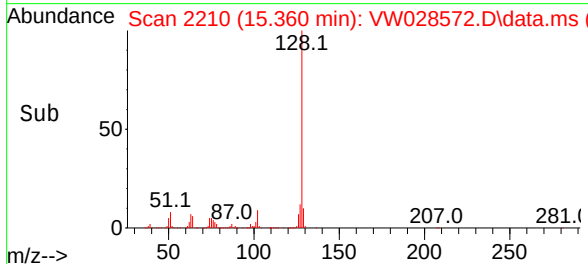
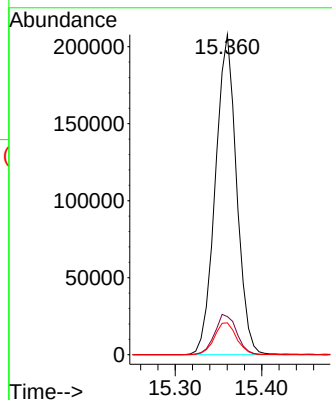
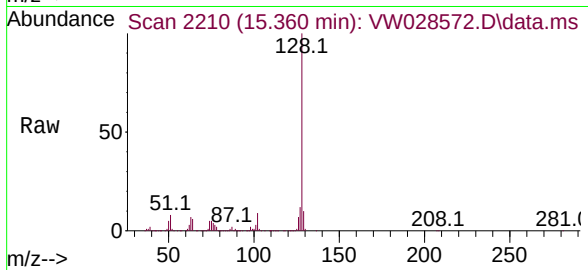
Tgt Ion:128 Resp: 353919

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.4 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 21.070 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028572.D

Acq: 02 May 2024 15:21

Tgt Ion:180 Resp: 132896

Ion Ratio Lower Upper

180 100

182 93.9 76.1 114.1

145 34.1 28.3 42.5

