

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028087.D
 Acq On : 29 Feb 2024 14:38
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 01 00:48:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:41:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	299828	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80017	22.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
7) Chloroethane-d5	2.899	69	62863	22.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	4.015	65	34536	23.623	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.480%
21) 2-Butanone-d5	7.075	46	26884	52.656	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.320%
24) Chloroform-d	7.648	84	153308	24.141	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.301	65	71851	24.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.270	84	307430	24.460	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.840%
36) 1,2-Dichloropropane-d6	9.270	67	78338	24.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.319	98	295083	24.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.640%
43) trans-1,3-Dichloroprop...	10.575	79	36904	25.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.720%
47) 2-Hexanone-d5	10.916	63	26312	57.525	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.040%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	66687	26.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	102338	24.514	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78082	25.490	ug/L	90
3) Chloromethane	2.223	50	69154	23.744	ug/L	100
5) Vinyl chloride	2.375	62	89590	22.073	ug/L	99
6) Bromomethane	2.790	94	73329	22.645	ug/L	92
8) Chloroethane	2.936	64	57397	22.518	ug/L	99
9) Trichlorofluoromethane	3.271	101	87846	23.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88736	22.546	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	84834	22.761	ug/L	100
13) Acetone	4.119	43	44723	62.668	ug/L	99
14) Carbon disulfide	4.387	76	255307	22.487	ug/L	97
15) Methyl Acetate	4.667	43	23939	23.733	ug/L	95
16) Methylene chloride	4.917	84	106664	25.862	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	88585	22.243	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	113160	23.201	ug/L	100
19) 1,1-Dichloroethane	6.216	63	141046	22.398	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	95485	22.782	ug/L	98
22) 2-Butanone	7.167	43	45333	56.879	ug/L	99
23) Bromochloromethane	7.514	128	42473	21.586	ug/L	97
25) Chloroform	7.673	83	155710	22.138	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028087.D
 Acq On : 29 Feb 2024 14:38
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

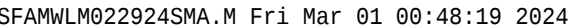
Instrument :
 MSVOA_W
 ClientSampleId :

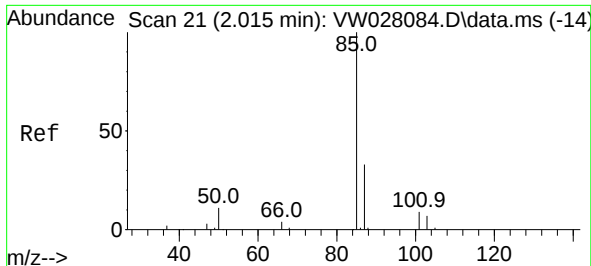
Quant Time: Mar 01 00:48:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:41:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	92996	22.235	ug/L	99
29) Cyclohexane	7.953	56	124034	23.957	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	140190	23.321	ug/L	99
31) Carbon tetrachloride	8.069	117	132086	23.530	ug/L	99
33) Benzene	8.325	78	336015	23.101	ug/L	100
34) Trichloroethene	9.087	95	95634	22.440	ug/L	90
35) Methylcyclohexane	9.331	83	165713	24.024	ug/L	98
37) 1,2-Dichloropropane	9.362	63	76181	22.490	ug/L	100
38) Bromodichloromethane	9.642	83	111538	22.797	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	132259	23.744	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	69685	51.796	ug/L	99
42) Toluene	10.386	91	375904	22.872	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	110329	24.382	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	65572	23.082	ug/L	99
46) Tetrachloroethene	10.861	164	84271	23.593	ug/L	93
48) 2-Hexanone	10.965	43	65301	60.029	ug/L	98
49) Dibromochloromethane	11.123	129	76962	23.305	ug/L	97
50) 1,2-Dibromoethane	11.233	107	63358	23.156	ug/L #	93
51) Chlorobenzene	11.654	112	253939	23.156	ug/L	97
52) Ethylbenzene	11.727	91	432461	23.015	ug/L	100
53) m,p-Xylene	11.837	106	167106	22.921	ug/L	97
54) o-Xylene	12.160	106	163000	23.624	ug/L	97
55) Styrene	12.178	104	278704	23.685	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	72885	23.795	ug/L	96
59) Bromoform	12.349	173	46921	23.579	ug/L	99
60) Isopropylbenzene	12.459	105	450706	23.404	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51133	23.697	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	295073	23.371	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	354198	23.525	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	204886	23.021	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	202060	22.488	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	181203	22.603	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11048	24.377	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	151844	23.119	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	128677	24.396	ug/L	91
71) Naphthalene	15.360	128	213701	24.773	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	99915	22.652	ug/L	97

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

Quant Time: Mar 01 00:48:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 01 00:41:29 2024
Response via : Initial Calibration

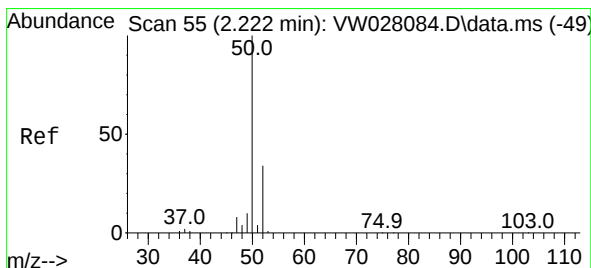
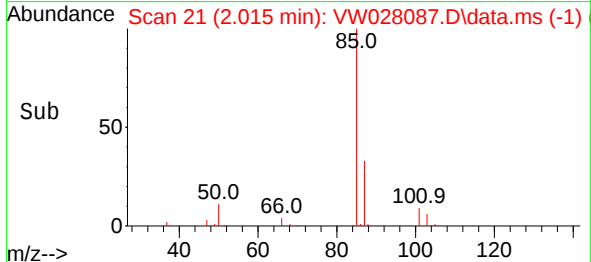
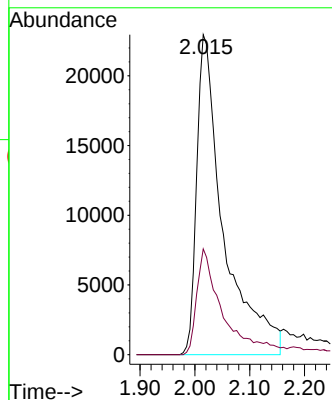
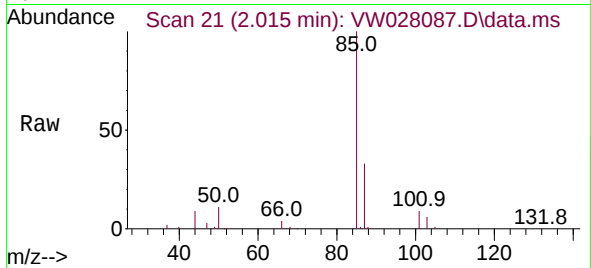




#2
 Dichlorodifluoromethane
 Concen: 25.490 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028087.D
 Acq: 29 Feb 2024 14:38

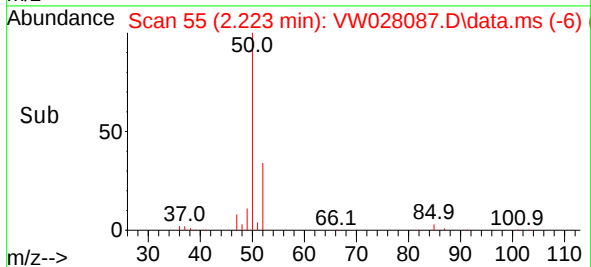
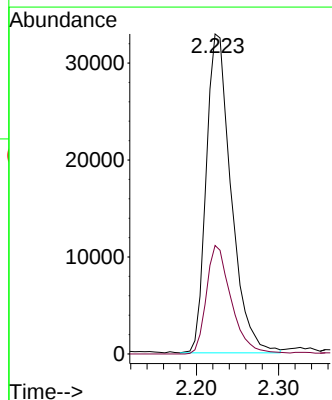
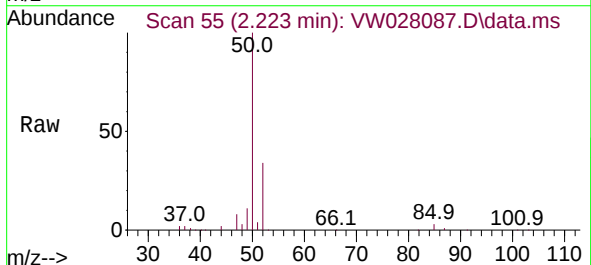
Instrument :
 MSVOA_W
 ClientSampleId :

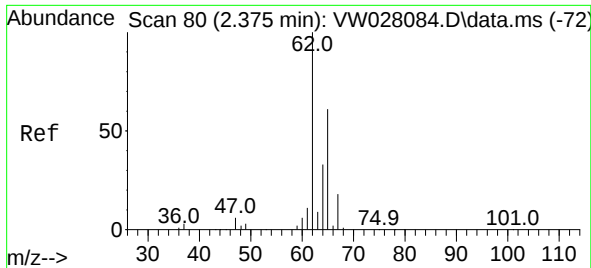
Tgt Ion: 85 Resp: 78082
 Ion Ratio Lower Upper
 85 100
 87 27.6 26.6 39.8



#3
 Chloromethane
 Concen: 23.744 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028087.D
 Acq: 29 Feb 2024 14:38

Tgt Ion: 50 Resp: 69154
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 43.9

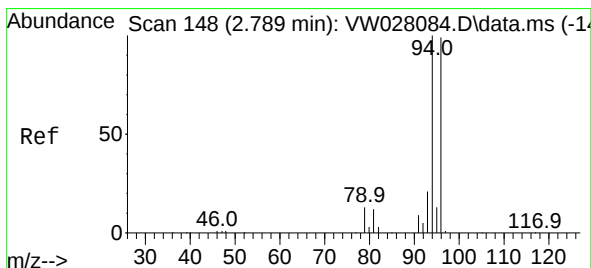
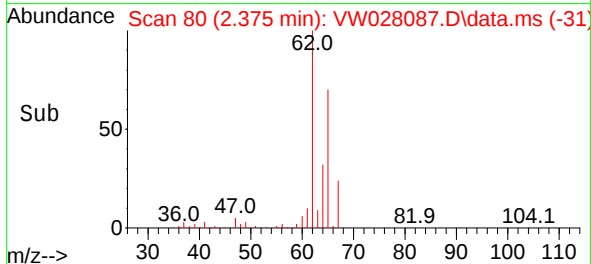
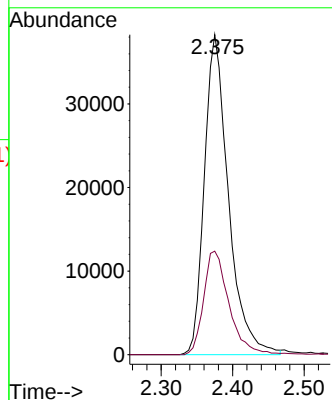
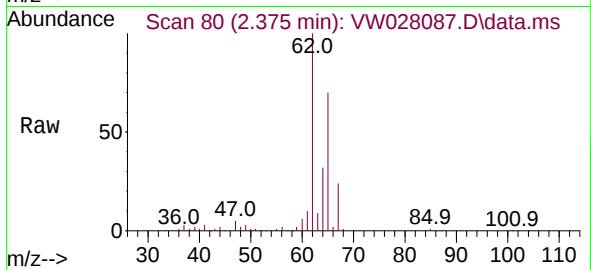




#5
 Vinyl chloride
 Concen: 22.073 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028087.D
 Acq: 29 Feb 2024 14:38

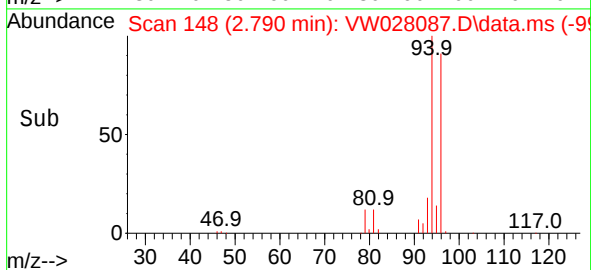
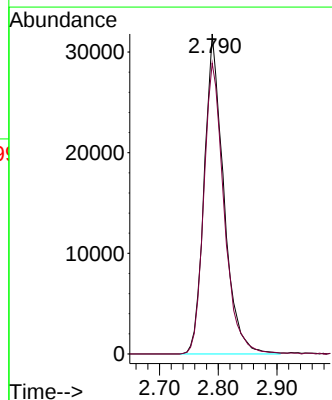
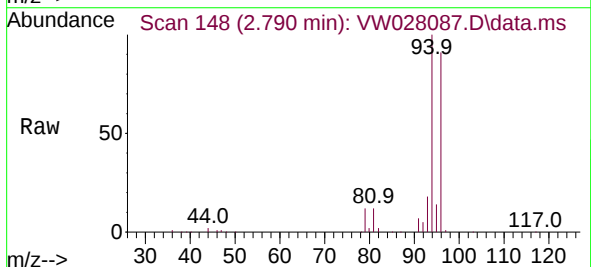
Instrument :
 MSVOA_W
 ClientSampleId :

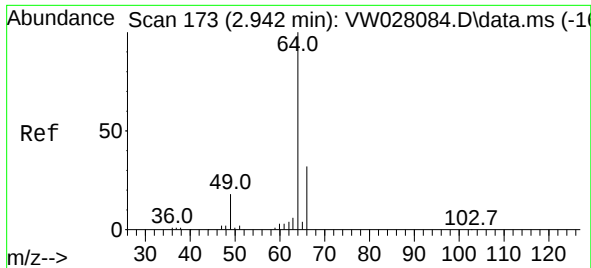
Tgt Ion: 62 Resp: 89590
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.0



#6
 Bromomethane
 Concen: 22.645 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028087.D
 Acq: 29 Feb 2024 14:38

Tgt Ion: 94 Resp: 73329
 Ion Ratio Lower Upper
 94 100
 96 90.9 69.1 128.3

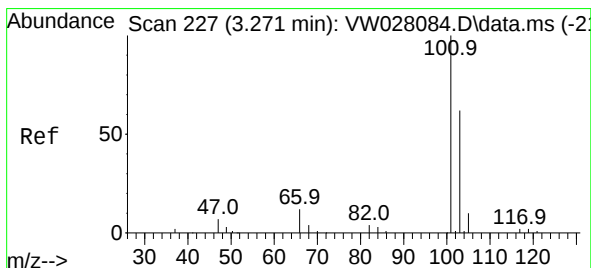
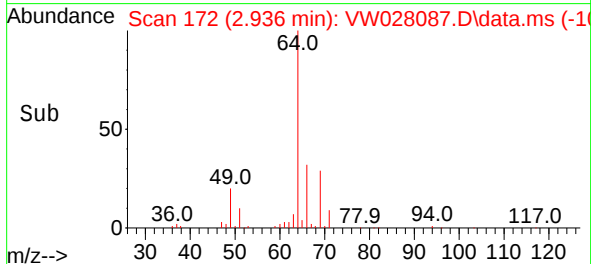
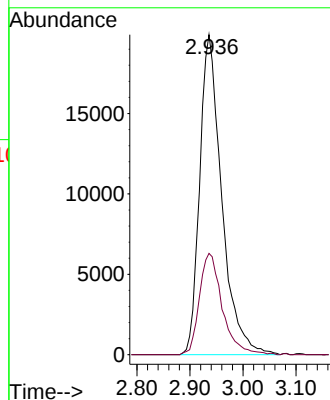
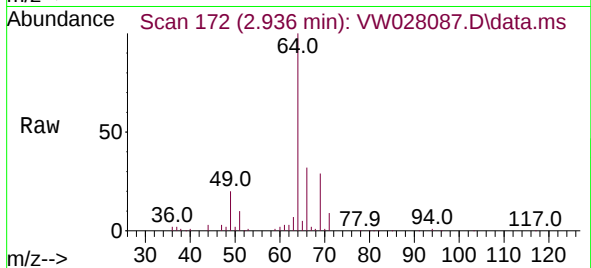




#8
Chloroethane
Concen: 22.518 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

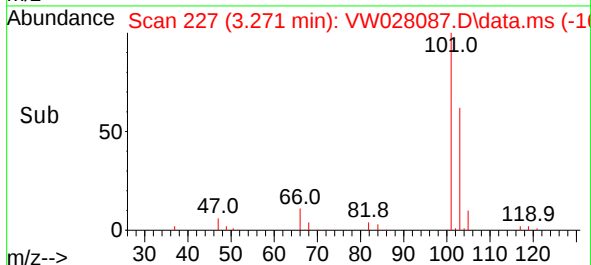
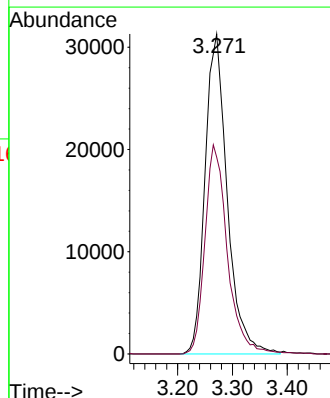
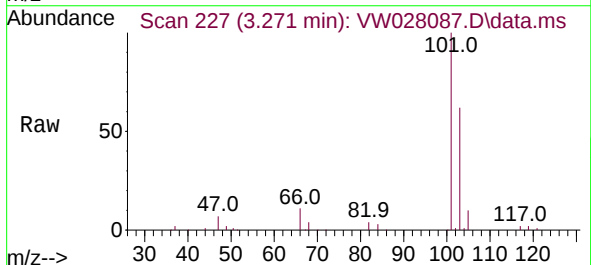
Instrument :
MSVOA_W
ClientSampleId :

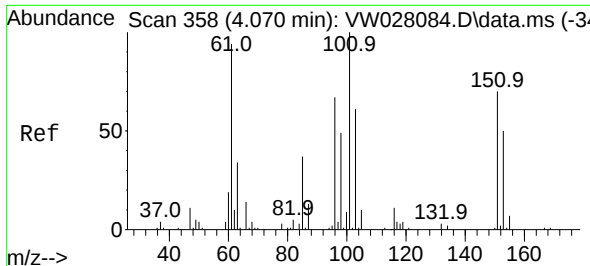
Tgt Ion: 64 Resp: 57397
Ion Ratio Lower Upper
64 100
66 31.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 23.204 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion:101 Resp: 87846
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8





#10

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

Concen: 22.546 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

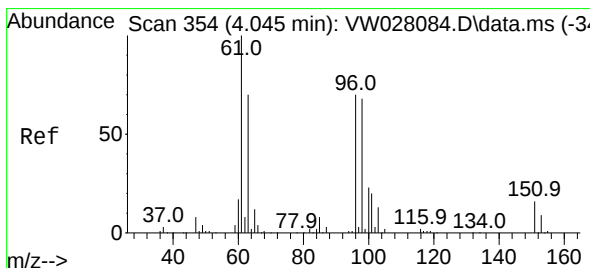
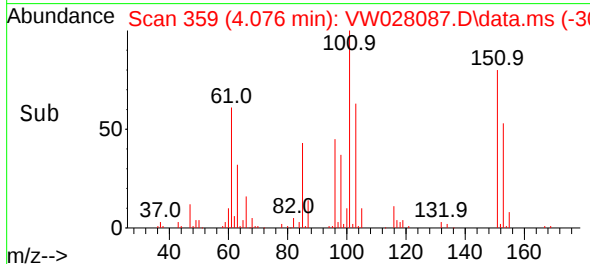
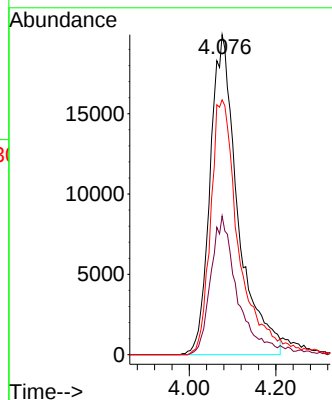
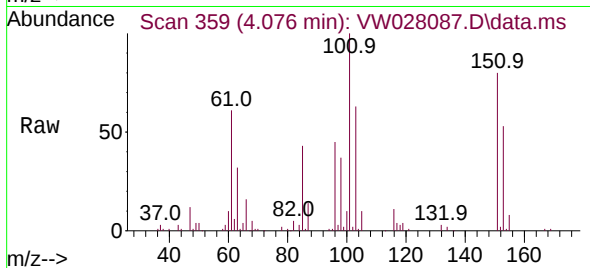
Tgt Ion:101 Resp: 88736

Ion Ratio Lower Upper

101 100

85 39.8 33.1 49.7

151 28.8 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 22.761 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

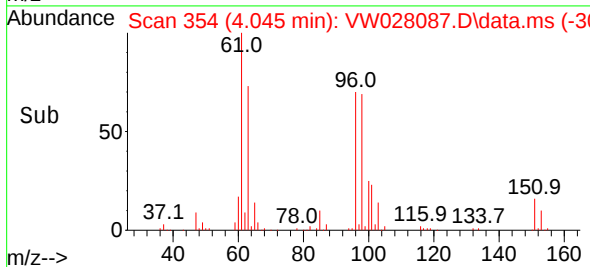
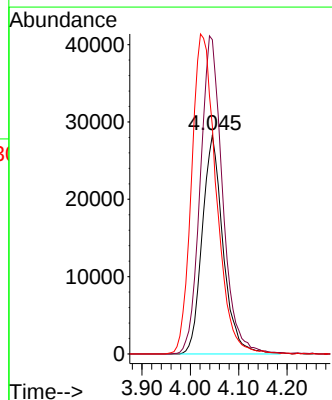
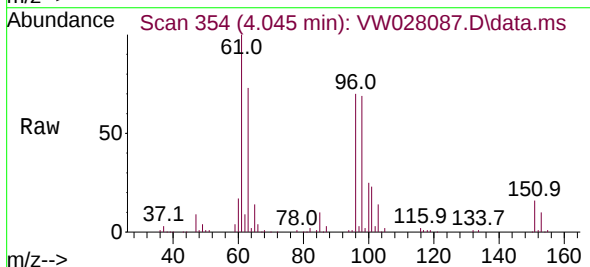
Tgt Ion: 96 Resp: 84834

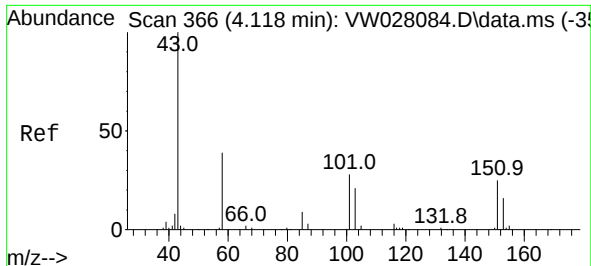
Ion Ratio Lower Upper

96 100

61 143.6 100.5 186.7

63 104.1 72.9 135.5





#13

Acetone

Concen: 62.668 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

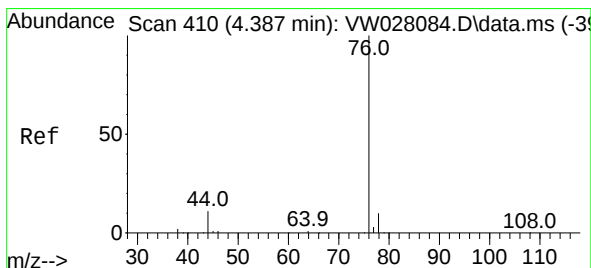
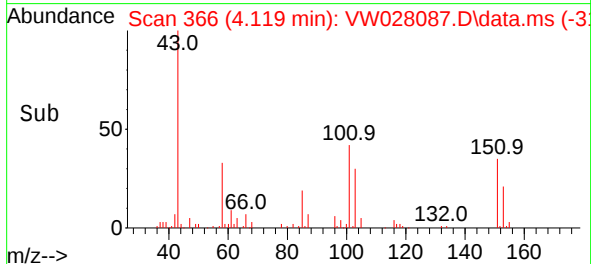
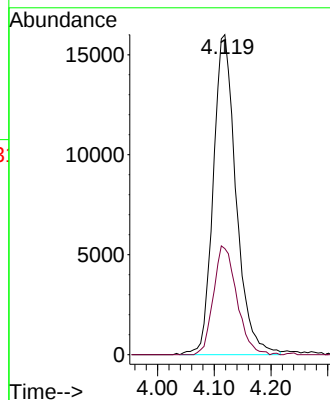
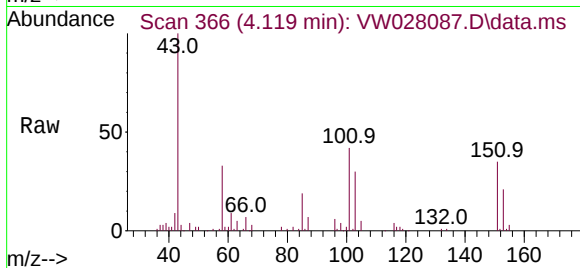
ClientSampleId :

Tgt Ion: 43 Resp: 44723

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 22.487 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW028087.D

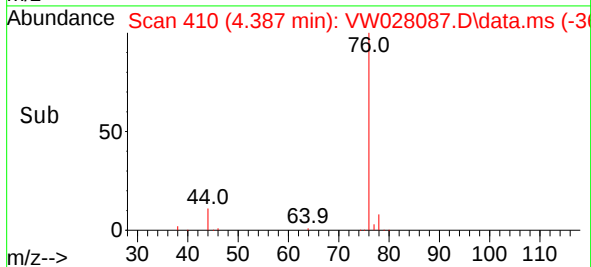
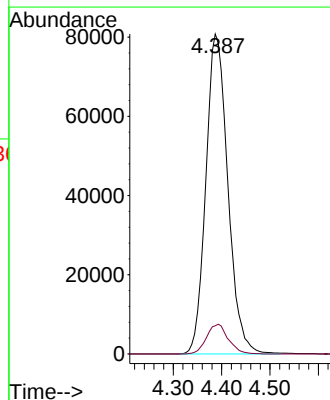
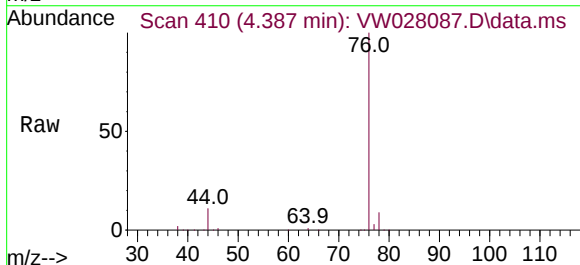
Acq: 29 Feb 2024 14:38

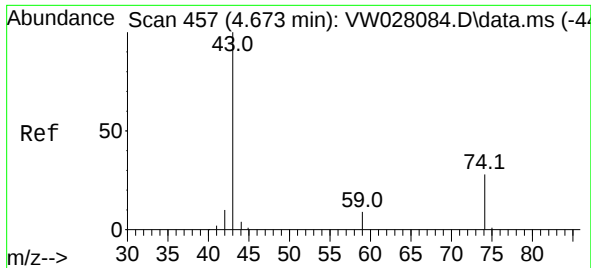
Tgt Ion: 76 Resp: 255307

Ion Ratio Lower Upper

76 100

78 8.8 7.9 11.9

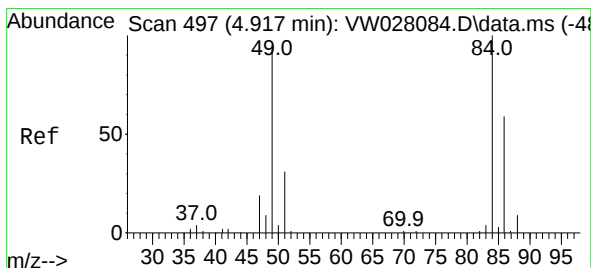
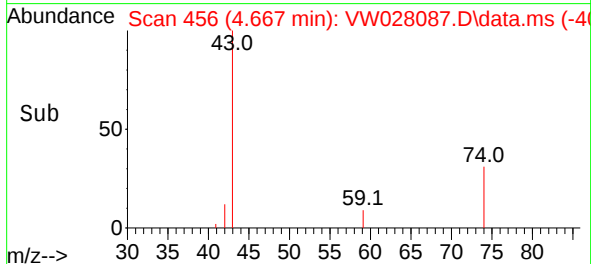
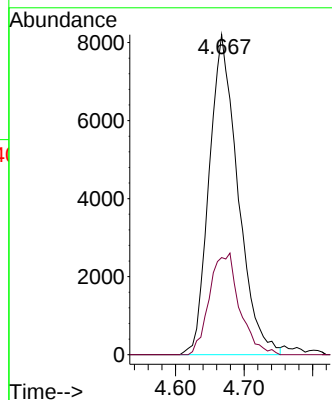
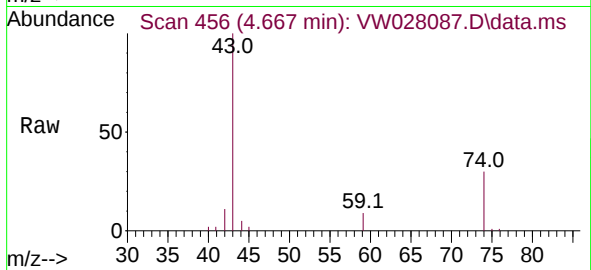




#15
Methyl Acetate
Concen: 23.733 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

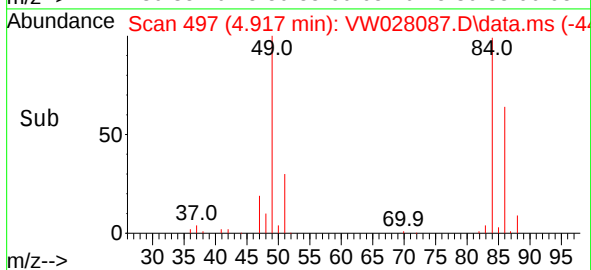
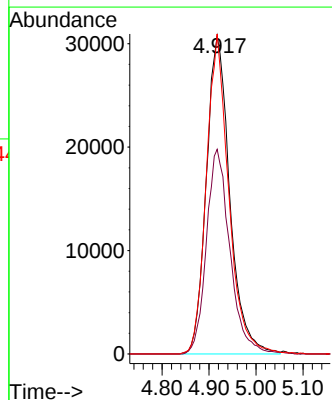
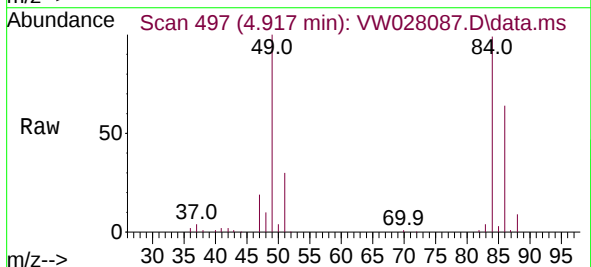
Instrument :
MSVOA_W
ClientSampleId :

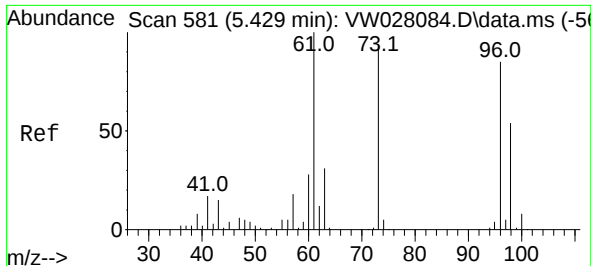
Tgt Ion: 43 Resp: 23939
Ion Ratio Lower Upper
43 100
74 33.1 24.3 36.5



#16
Methylene chloride
Concen: 25.862 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion: 84 Resp: 106664
Ion Ratio Lower Upper
84 100
86 64.4 41.2 76.6
49 100.6 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 22.243 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

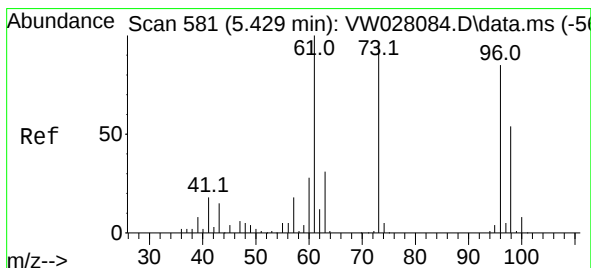
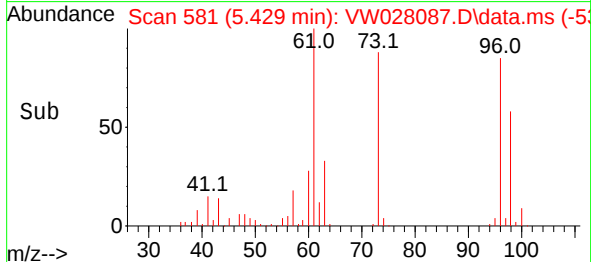
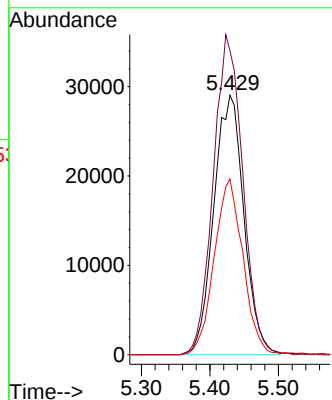
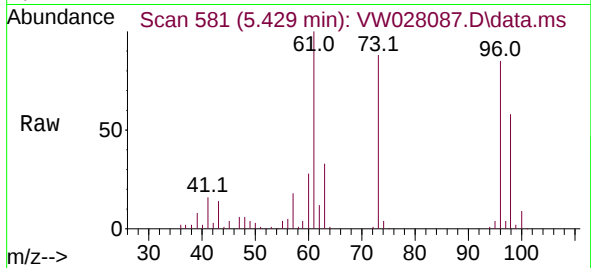
Tgt Ion: 96 Resp: 88585

Ion Ratio Lower Upper

96 100

61 117.2 82.6 153.4

98 67.7 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 23.201 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

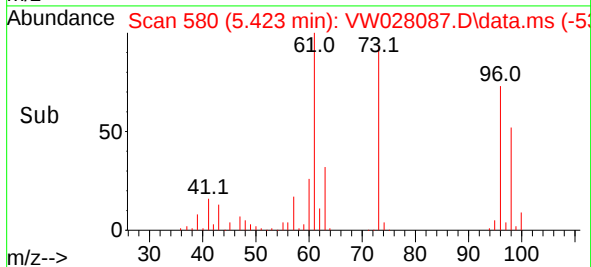
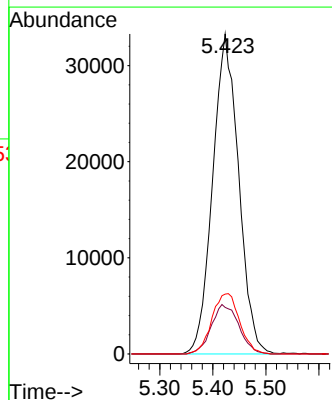
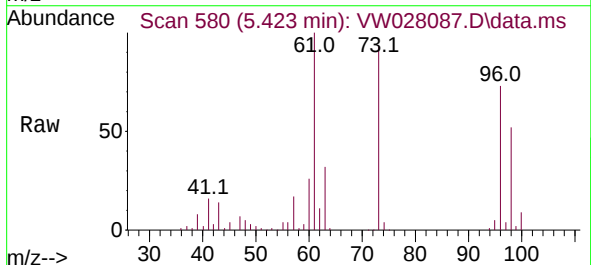
Tgt Ion: 73 Resp: 113160

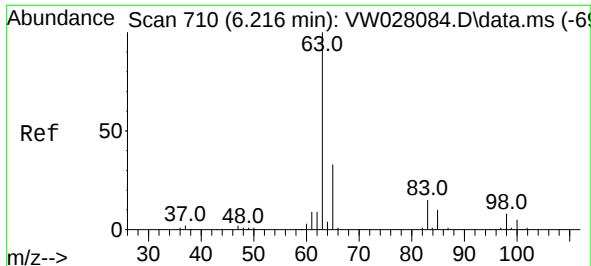
Ion Ratio Lower Upper

73 100

43 16.4 13.3 19.9

57 20.1 15.9 23.9





#19

1,1-Dichloroethane

Concen: 22.398 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

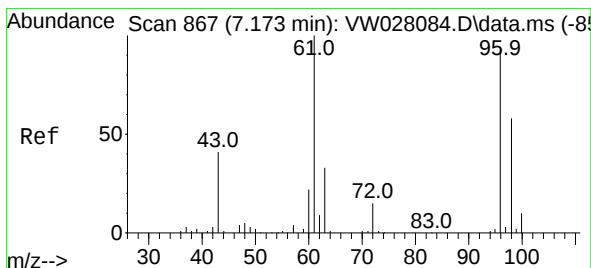
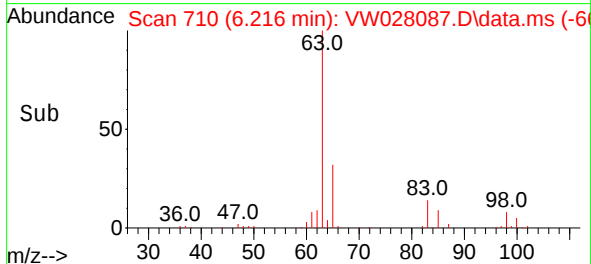
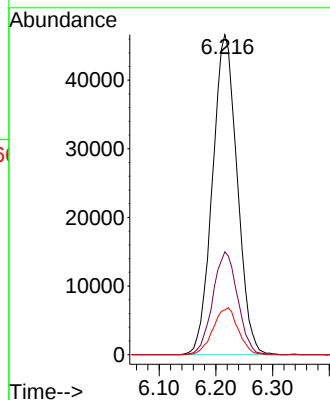
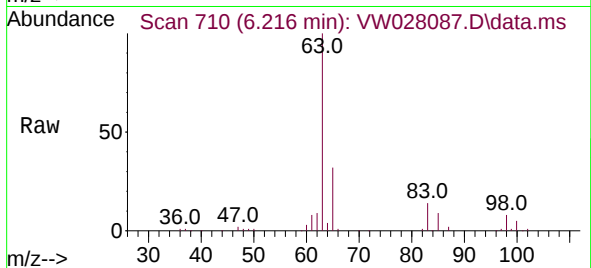
Tgt Ion: 63 Resp: 141046

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.0

83 14.0 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 22.782 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

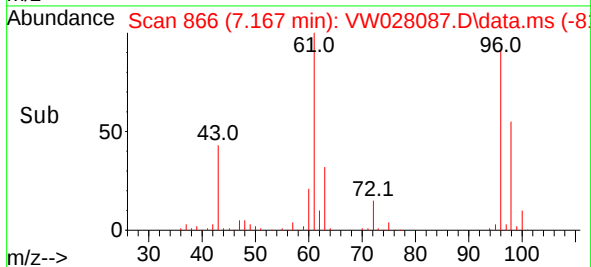
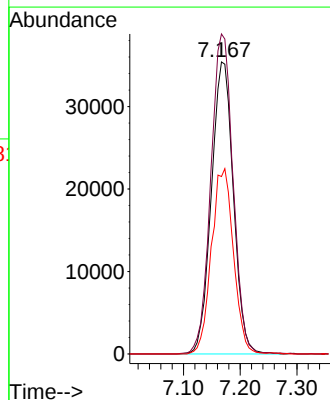
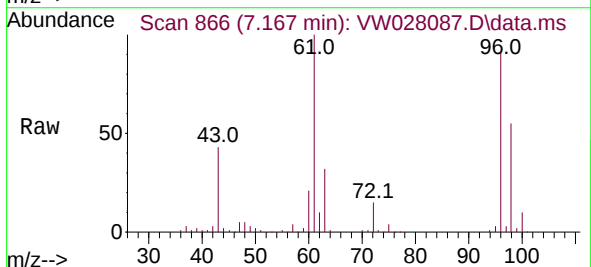
Tgt Ion: 96 Resp: 95485

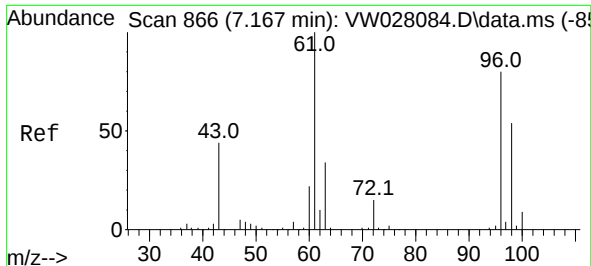
Ion Ratio Lower Upper

96 100

61 109.6 75.5 140.1

98 60.8 43.8 81.4

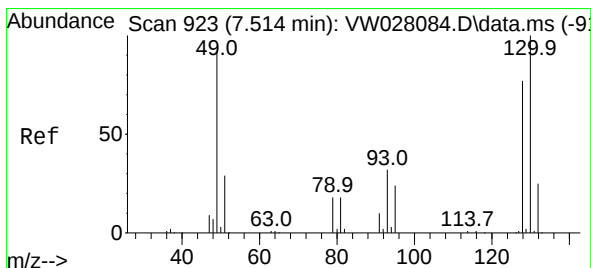
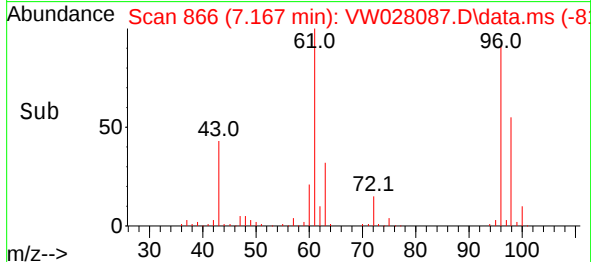
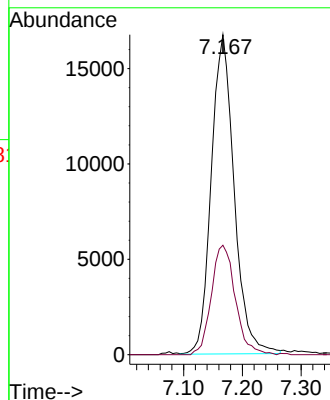
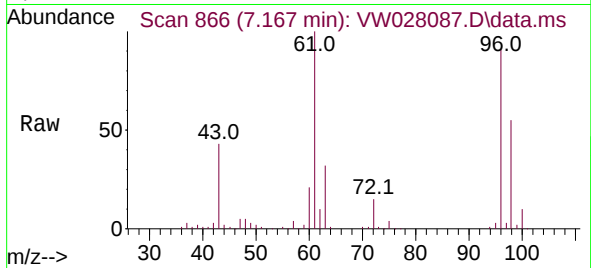




#22
2-Butanone
Concen: 56.879 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

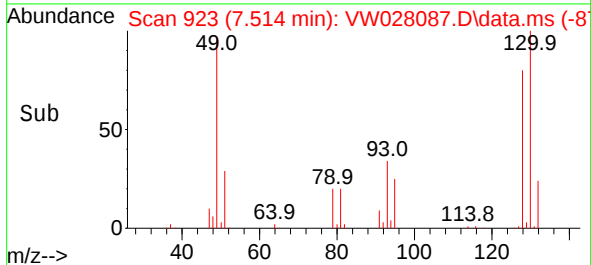
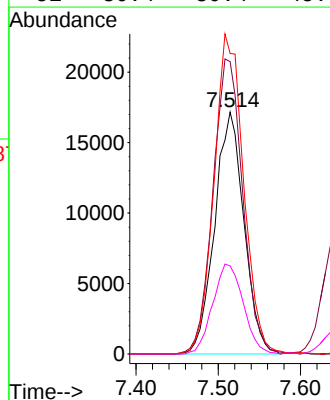
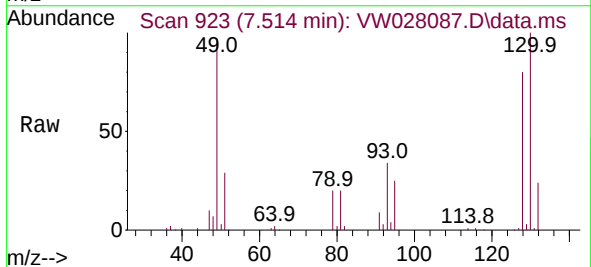
Instrument :
MSVOA_W
ClientSampleId :

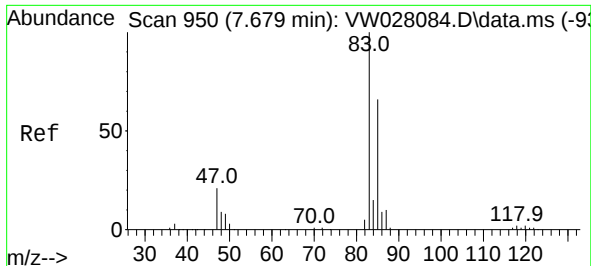
Tgt Ion: 43 Resp: 45333
Ion Ratio Lower Upper
43 100
72 35.8 18.4 55.0



#23
Bromochloromethane
Concen: 21.586 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion: 128 Resp: 42473
Ion Ratio Lower Upper
128 100
49 120.9 84.4 156.8
130 124.2 91.1 169.3
51 36.4 30.4 45.6





#25

Chloroform

Concen: 22.138 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

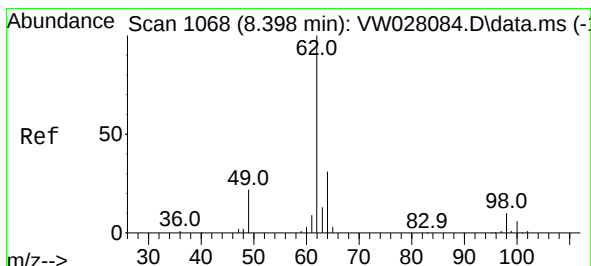
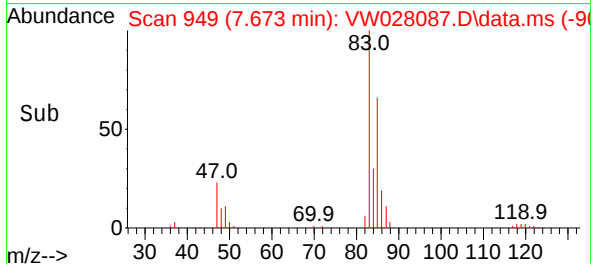
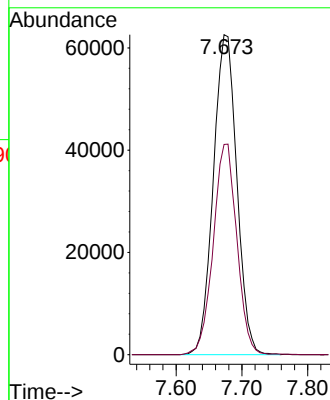
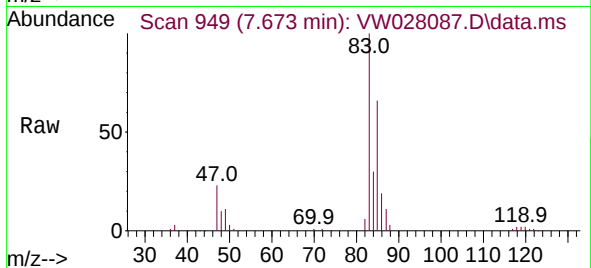
ClientSampleId :

Tgt Ion: 83 Resp: 155710

Ion Ratio Lower Upper

83 100

85 65.7 46.5 86.5



#27

1,2-Dichloroethane

Concen: 22.235 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028087.D

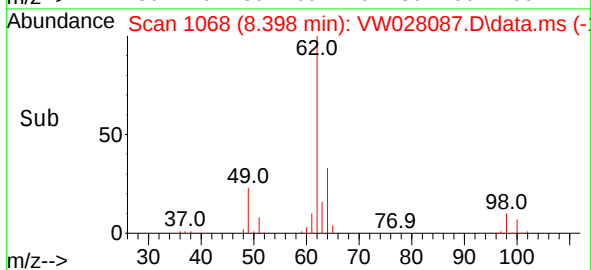
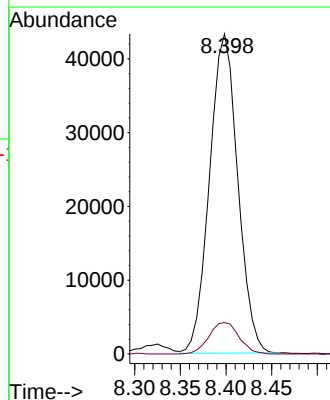
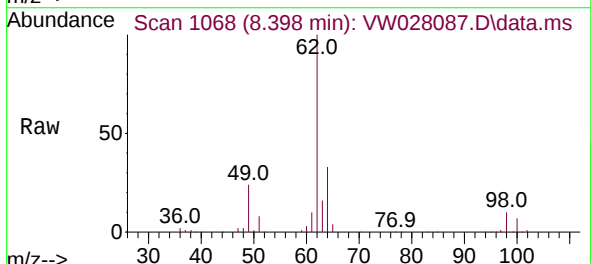
Acq: 29 Feb 2024 14:38

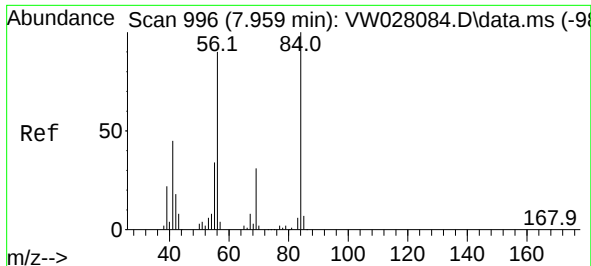
Tgt Ion: 62 Resp: 92996

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4





#29

Cyclohexane

Concen: 23.957 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

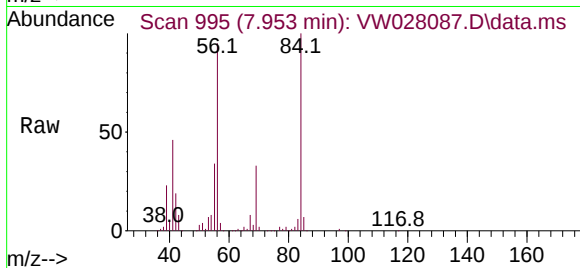
Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

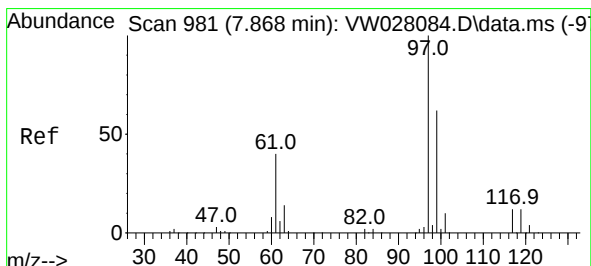
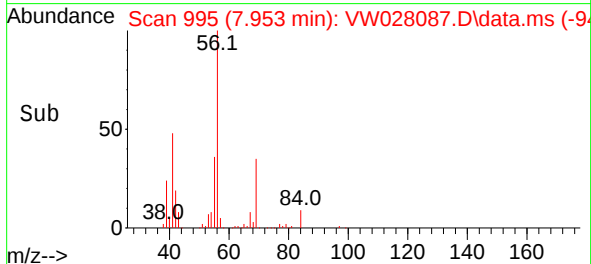
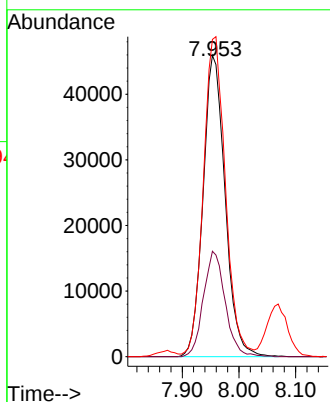
ClientSampleId :



Tgt Ion: 56 Resp: 124034

Ion Ratio Lower Upper

56	100		
69	34.4	27.6	41.4
84	106.3	86.6	129.8



#30

1,1,1-Trichloroethane

Concen: 23.321 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

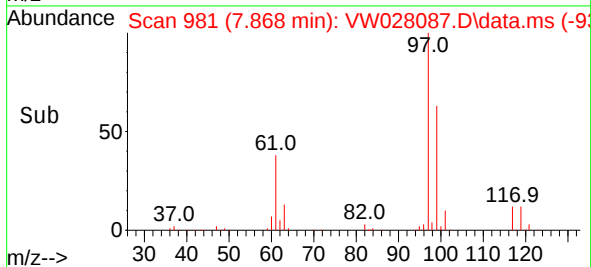
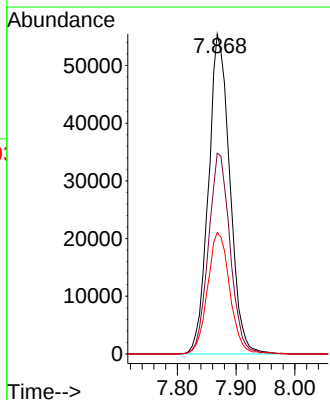
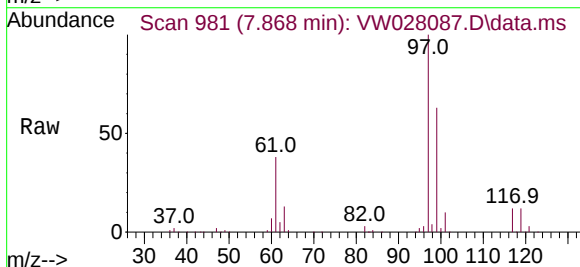
Lab File: VW028087.D

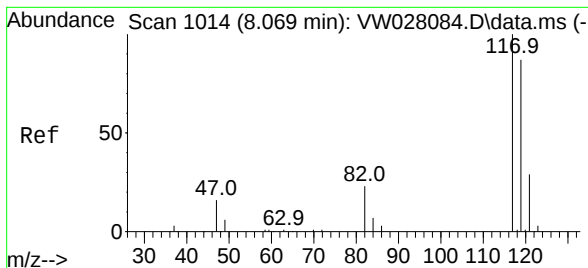
Acq: 29 Feb 2024 14:38

Tgt Ion: 97 Resp: 140190

Ion Ratio Lower Upper

97	100		
99	63.6	51.3	76.9
61	39.2	31.8	47.6





#31

Carbon tetrachloride

Concen: 23.530 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

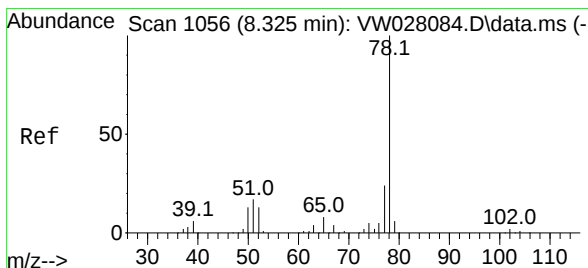
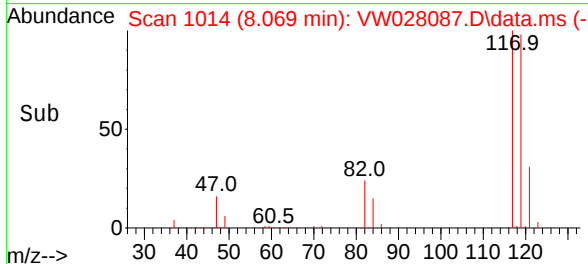
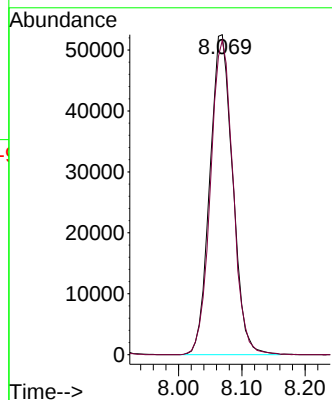
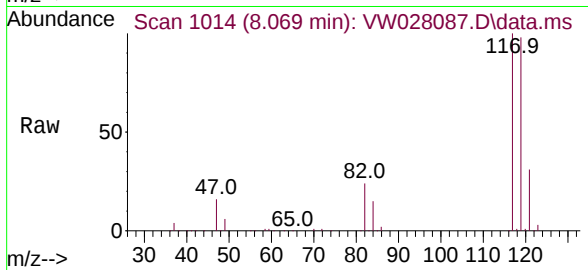
ClientSampleId :

Tgt Ion:117 Resp: 132086

Ion Ratio Lower Upper

117 100

119 96.5 76.8 115.2



#33

Benzene

Concen: 23.101 ug/L

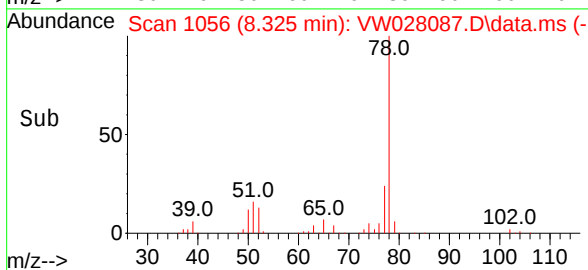
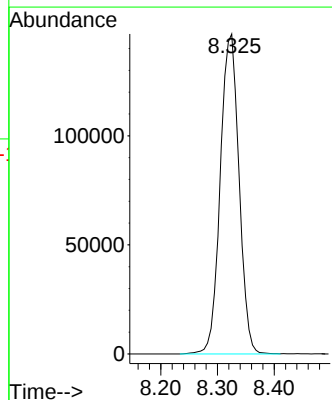
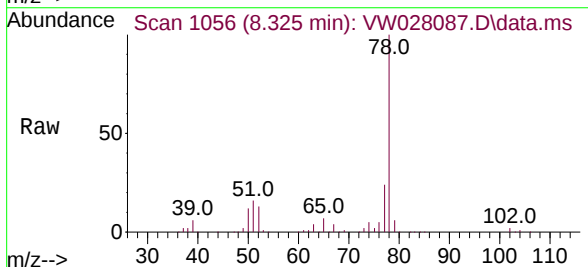
RT: 8.325 min Scan# 1056

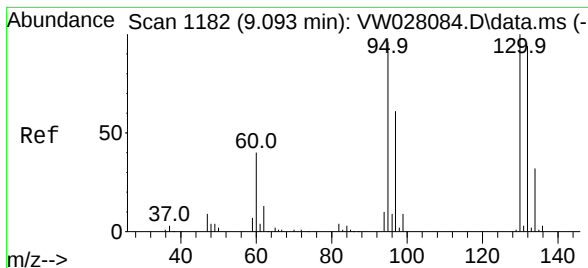
Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Tgt Ion: 78 Resp: 336015





#34

Trichloroethene

Concen: 22.440 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

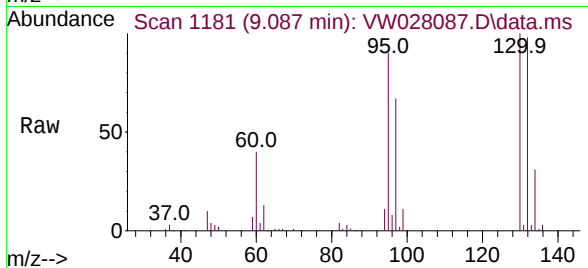
Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 95634

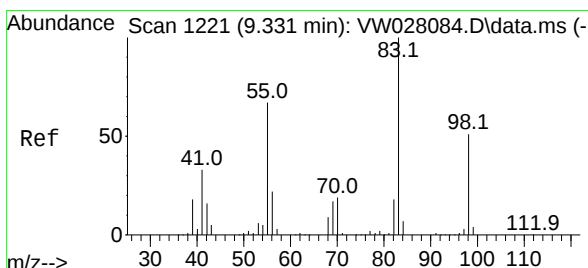
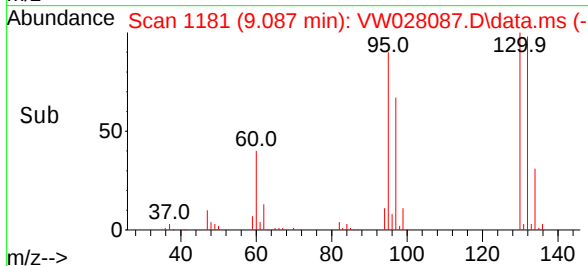
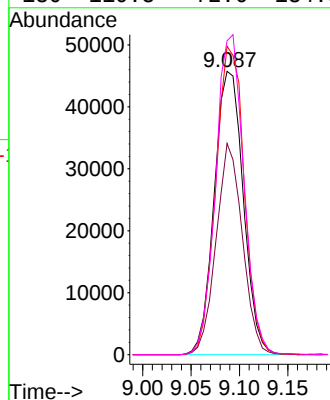
Ion Ratio Lower Upper

95 100

97 74.5 44.5 82.7

132 108.9 68.3 126.9

130 110.8 72.6 134.8



#35

Methylcyclohexane

Concen: 24.024 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

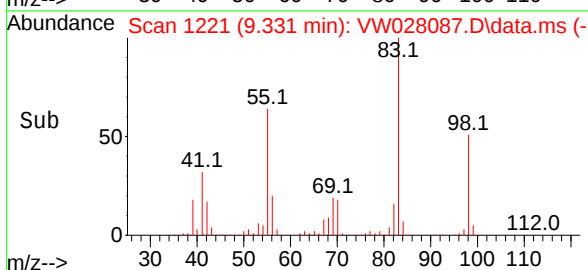
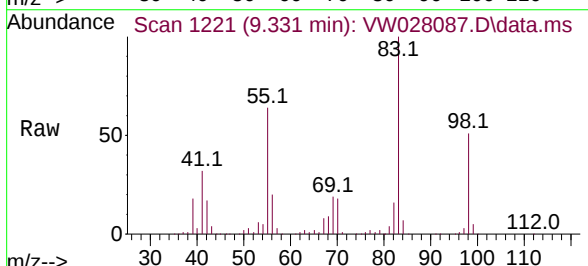
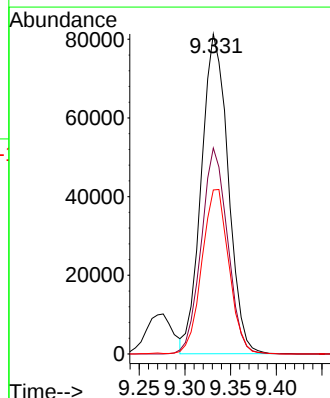
Tgt Ion: 83 Resp: 165713

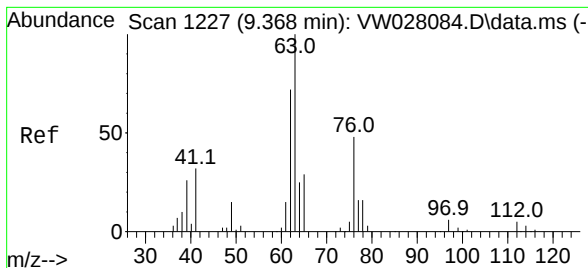
Ion Ratio Lower Upper

83 100

55 63.2 52.1 78.1

98 51.9 42.2 63.4





#37

1,2-Dichloropropane

Concen: 22.490 ug/L

RT: 9.362 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

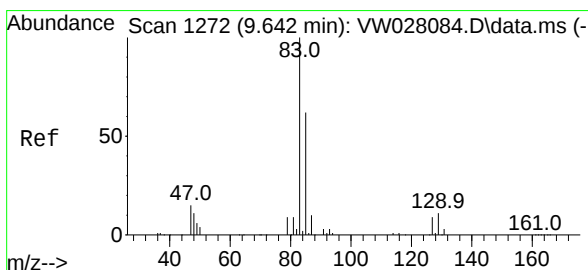
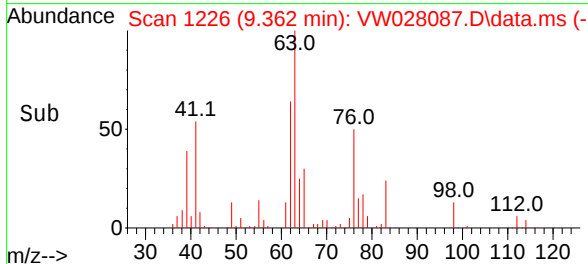
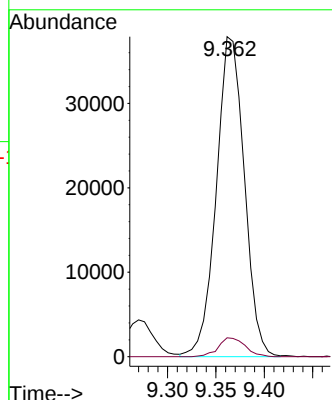
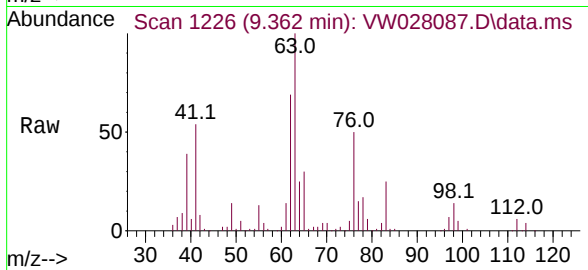
ClientSampleId :

Tgt Ion: 63 Resp: 76181

Ion Ratio Lower Upper

63 100

112 5.7 4.4 6.6



#38

Bromodichloromethane

Concen: 22.797 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

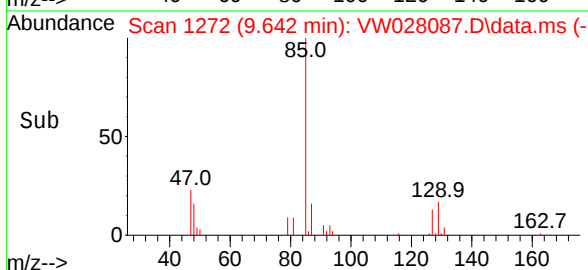
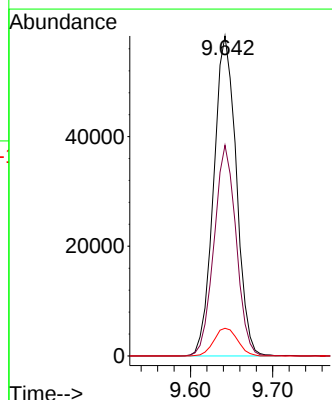
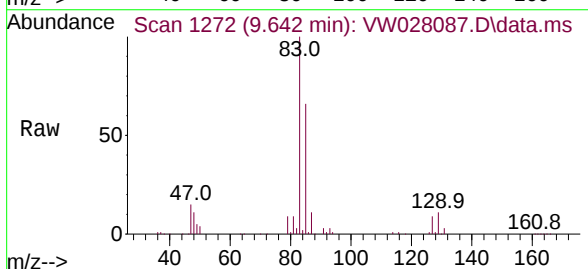
Tgt Ion: 83 Resp: 111538

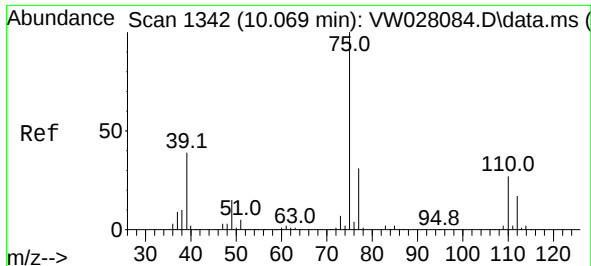
Ion Ratio Lower Upper

83 100

85 65.8 43.3 80.5

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 23.744 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

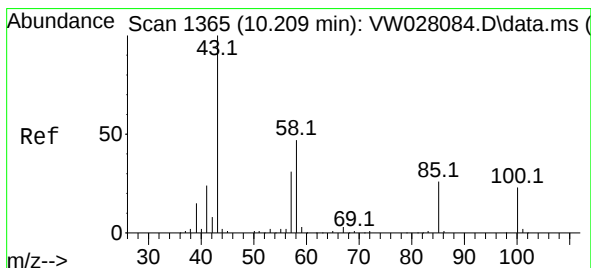
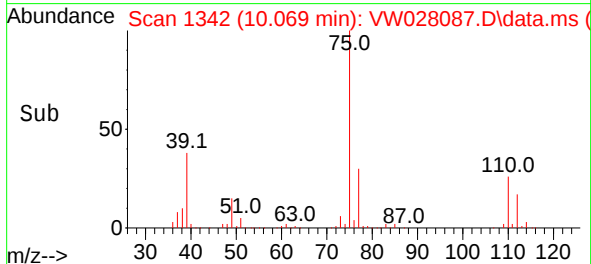
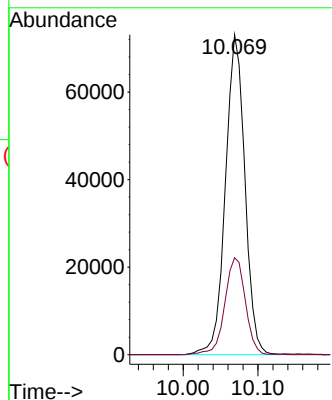
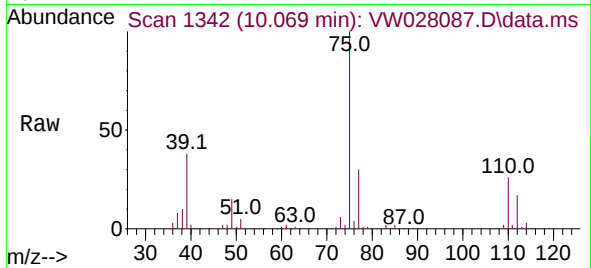
ClientSampleId :

Tgt Ion: 75 Resp: 132259

Ion Ratio Lower Upper

75 100

77 30.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 51.796 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

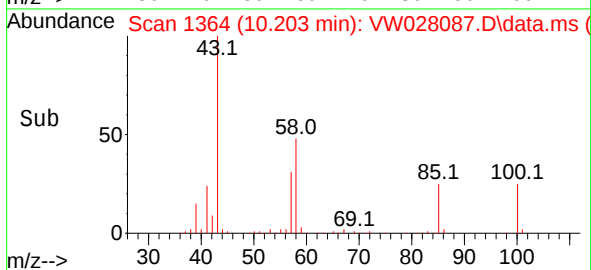
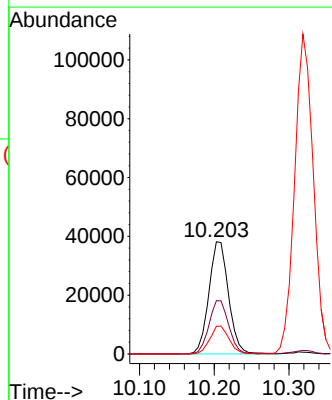
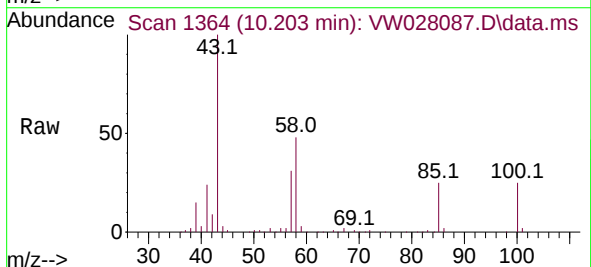
Tgt Ion: 43 Resp: 69685

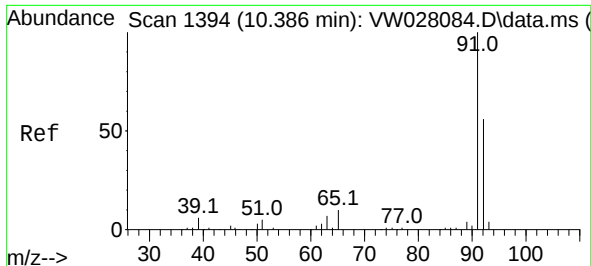
Ion Ratio Lower Upper

43 100

58 47.4 37.8 56.8

100 24.2 18.2 27.4

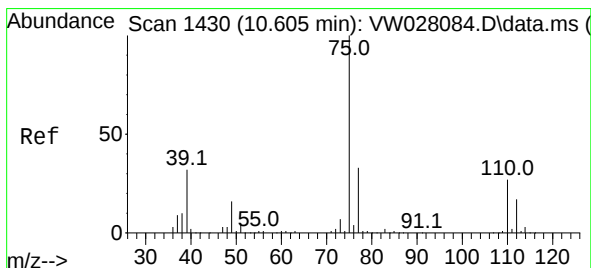
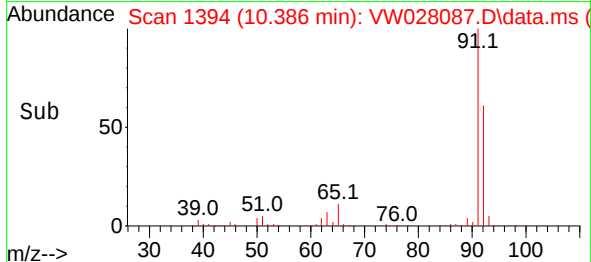
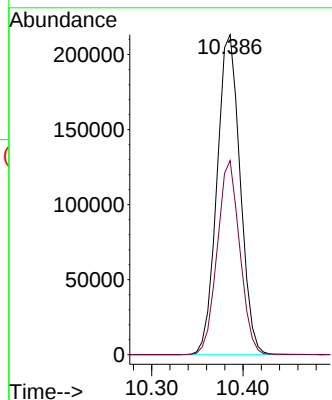
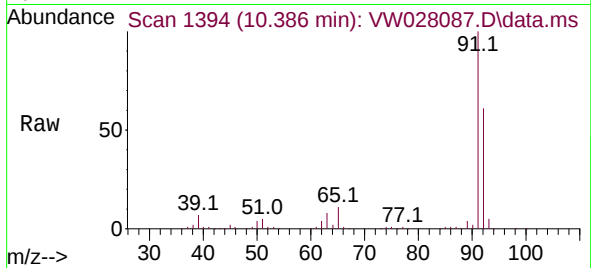




#42
Toluene
Concen: 22.872 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

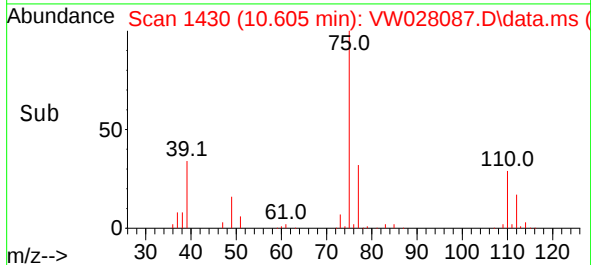
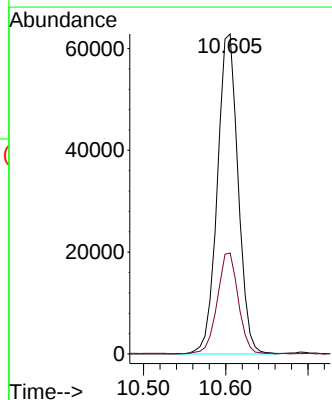
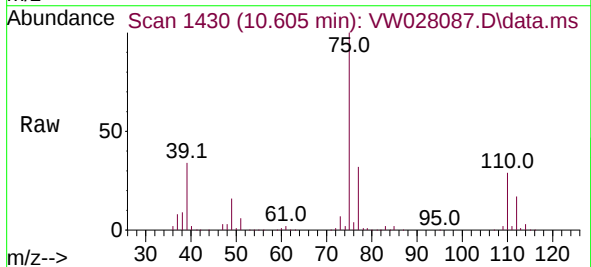
Instrument :
MSVOA_W
ClientSampleId :

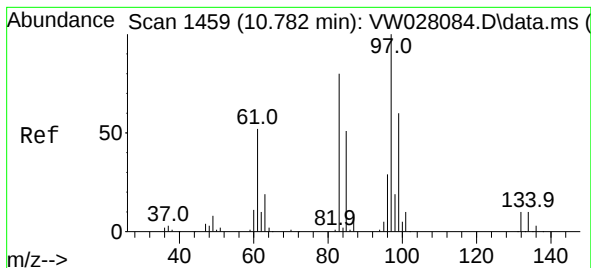
Tgt Ion: 91 Resp: 375904
Ion Ratio Lower Upper
91 100
92 60.7 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 24.382 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion: 75 Resp: 110329
Ion Ratio Lower Upper
75 100
77 31.6 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 23.082 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

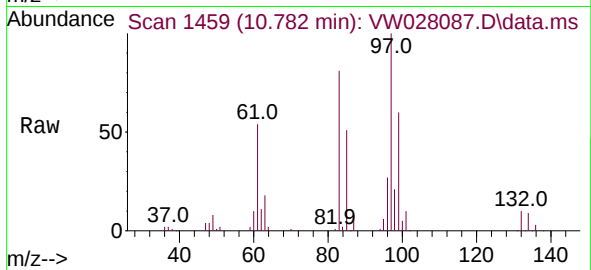
Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 65572

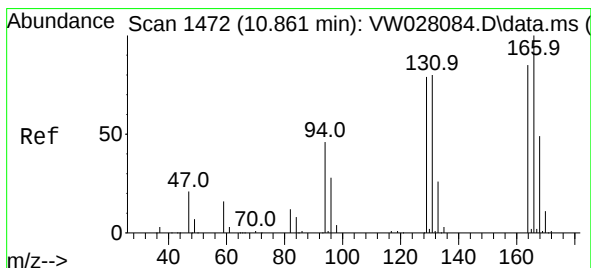
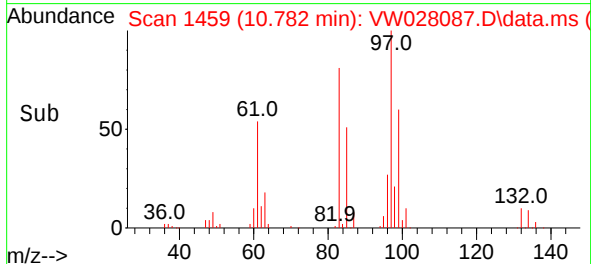
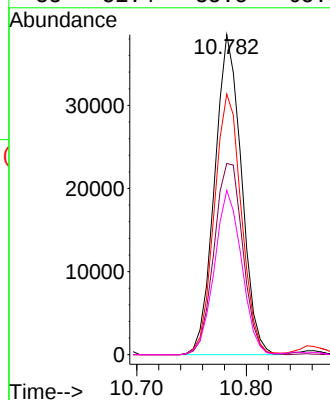
Ion Ratio Lower Upper

97 100

99 59.7 41.9 77.7

83 81.4 56.1 104.1

85 51.4 35.5 65.9



#46

Tetrachloroethene

Concen: 23.593 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Tgt Ion:164 Resp: 84271

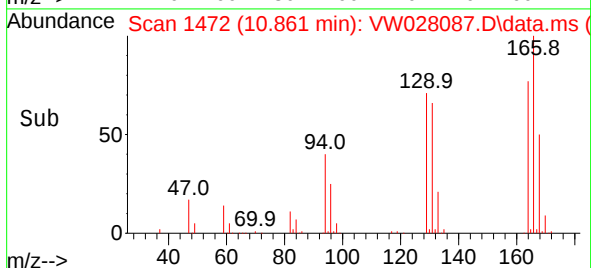
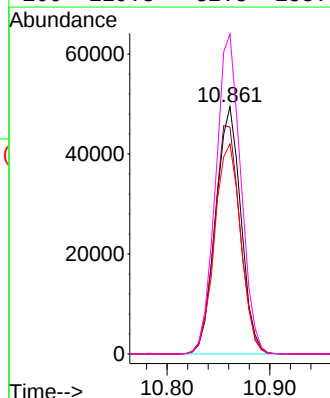
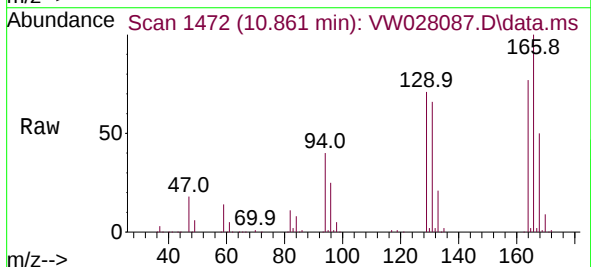
Ion Ratio Lower Upper

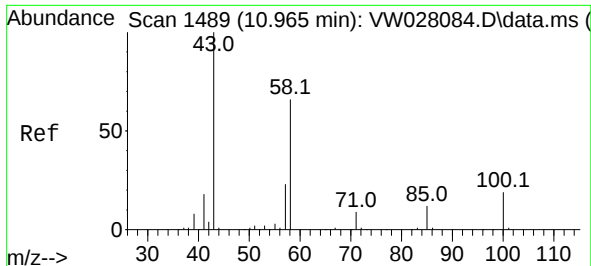
164 100

129 91.7 65.2 121.0

131 84.9 66.2 123.0

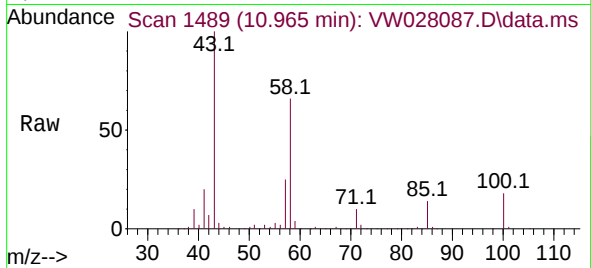
166 129.3 82.8 153.8



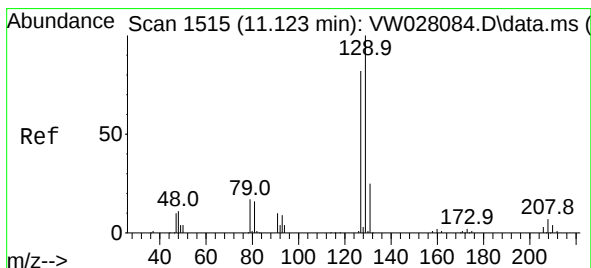
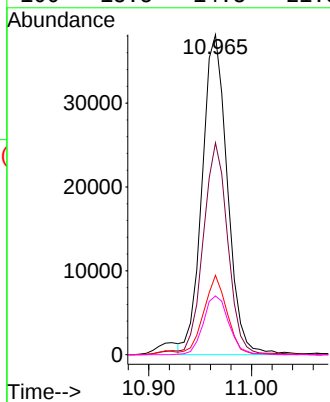
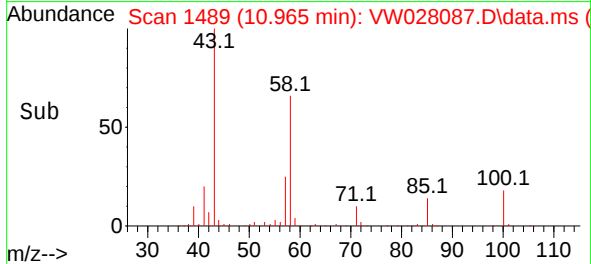


#48
2-Hexanone
Concen: 60.029 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Instrument :
MSVOA_W
ClientSampleId :

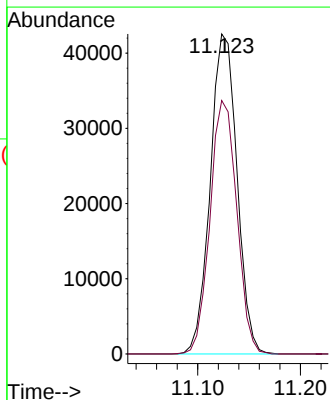
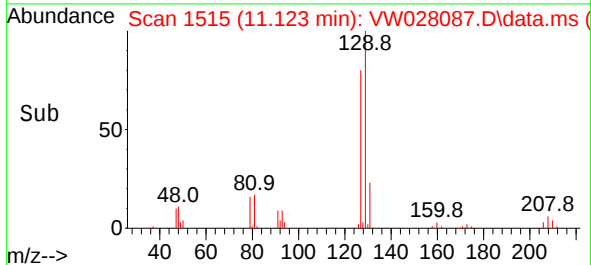
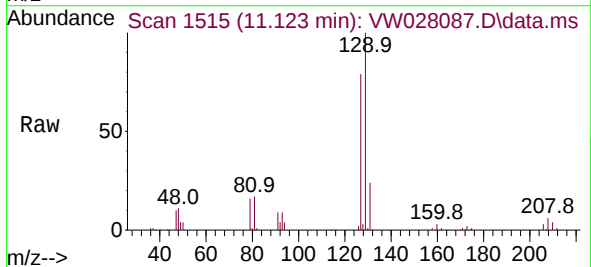


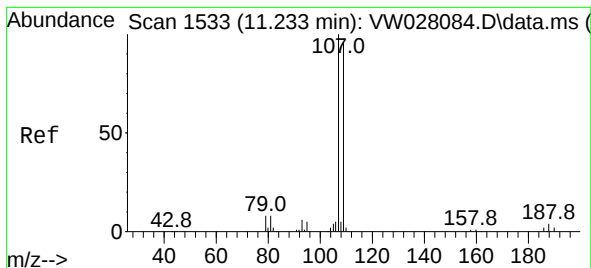
Tgt Ion: 43 Resp: 65301
Ion Ratio Lower Upper
43 100
58 62.9 51.8 77.8
57 22.8 18.2 27.4
100 18.5 14.3 21.5



#49
Dibromochloromethane
Concen: 23.305 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion:129 Resp: 76962
Ion Ratio Lower Upper
129 100
127 79.2 57.1 106.1





#50

1,2-Dibromoethane

Concen: 23.156 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028087.D

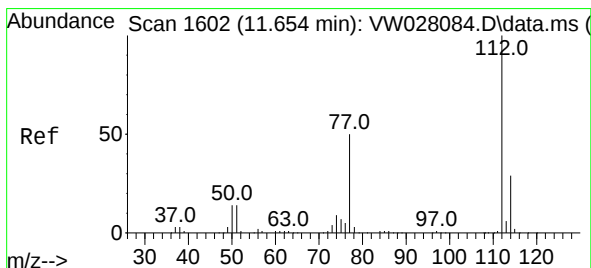
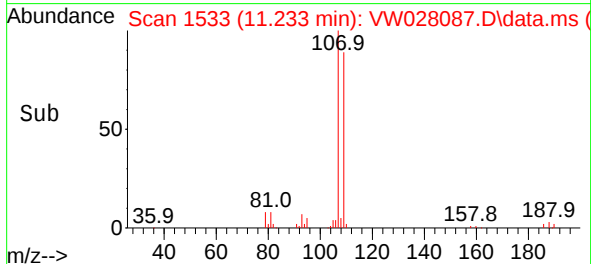
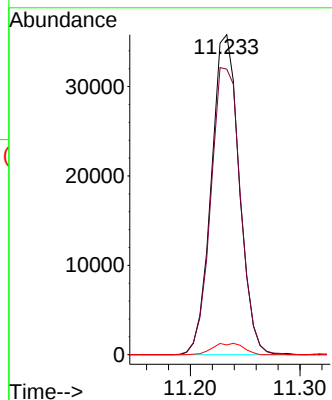
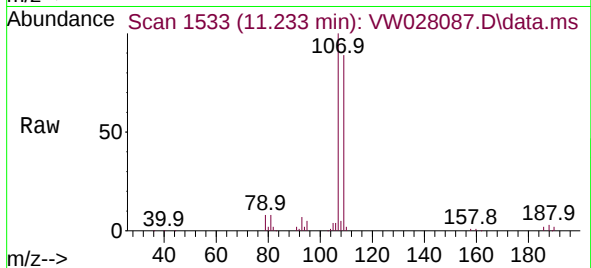
Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	63358
Ion Ratio	Lower	Upper
107	100	
109	89.3	67.5 125.3
188	3.0	3.1 4.7#



#51

Chlorobenzene

Concen: 23.156 ug/L

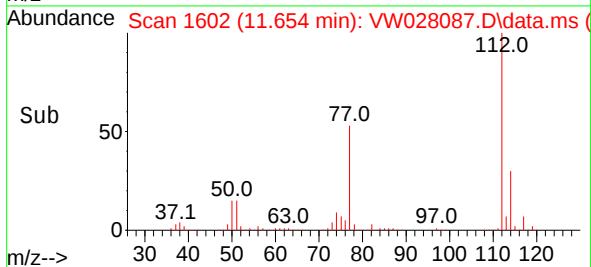
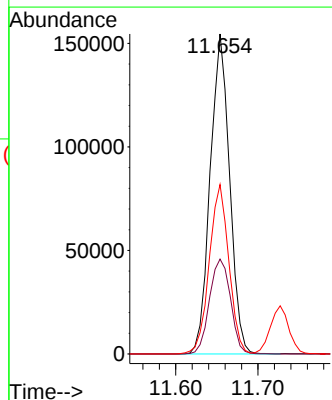
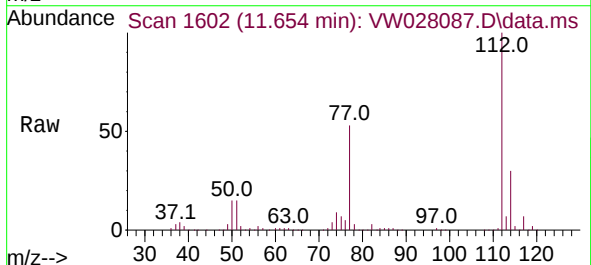
RT: 11.654 min Scan# 1602

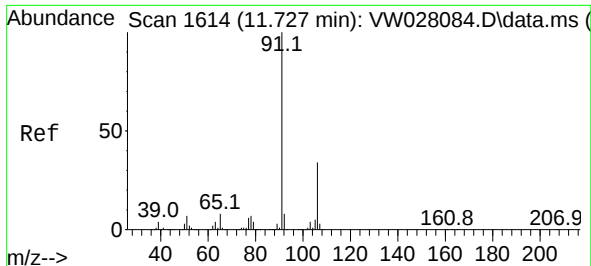
Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Tgt Ion:112	Resp:	253939
Ion Ratio	Lower	Upper
112	100	
114	29.7	20.6 38.4
77	52.9	40.0 60.0





#52

Ethylbenzene

Concen: 23.015 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

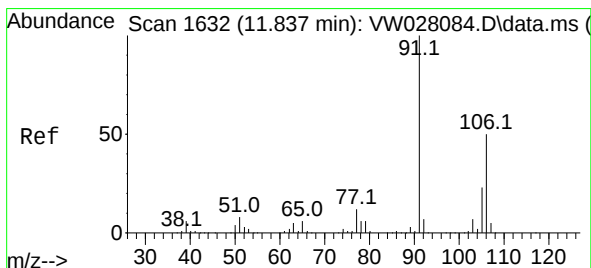
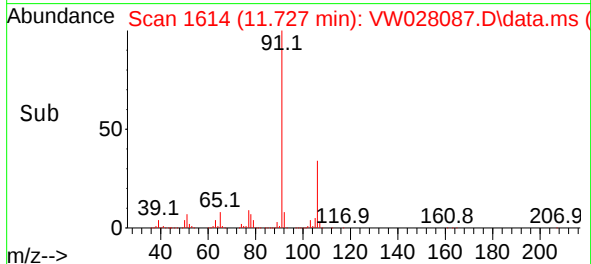
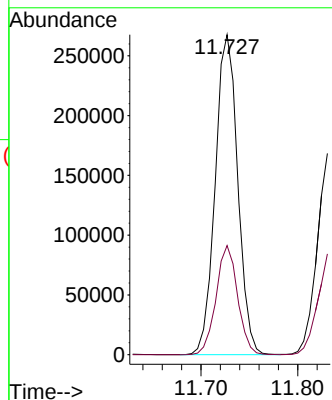
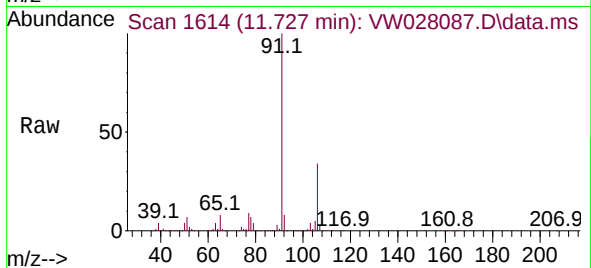
ClientSampleId :

Tgt Ion: 91 Resp: 432461

Ion Ratio Lower Upper

91 100

106 34.1 23.8 44.2



#53

m,p-Xylene

Concen: 22.921 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028087.D

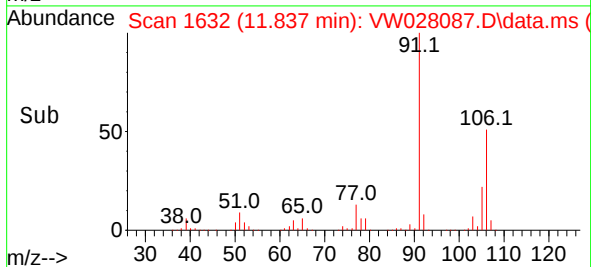
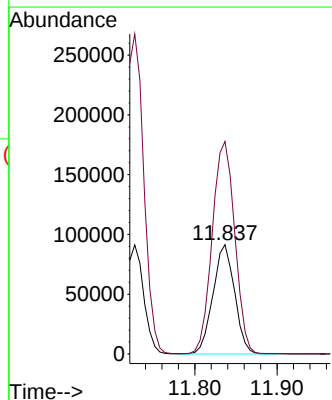
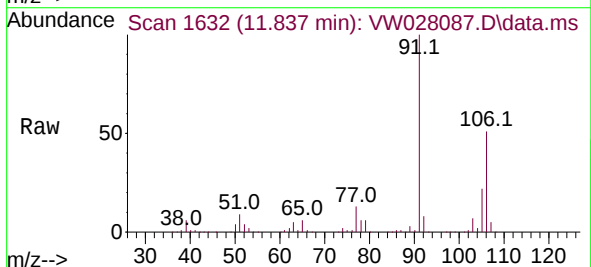
Acq: 29 Feb 2024 14:38

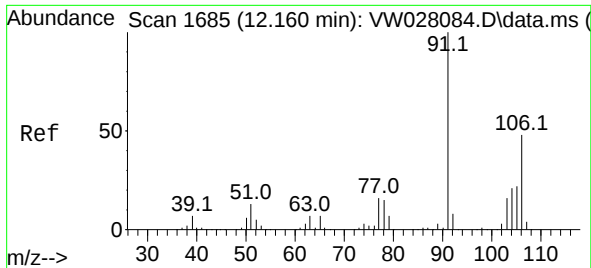
Tgt Ion:106 Resp: 167106

Ion Ratio Lower Upper

106 100

91 194.4 139.7 259.4

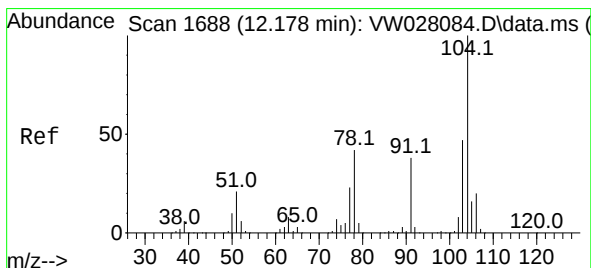
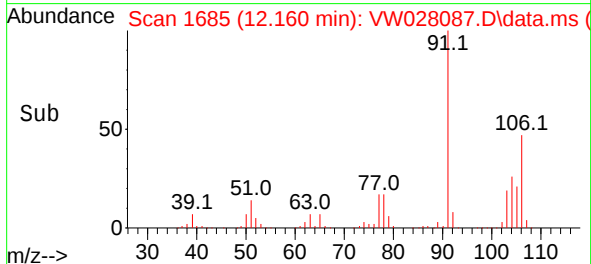
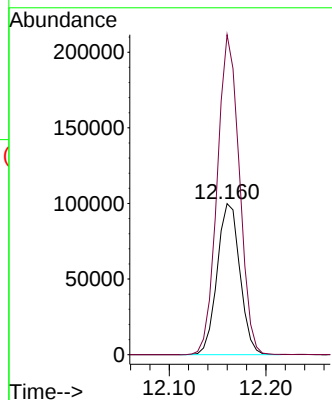
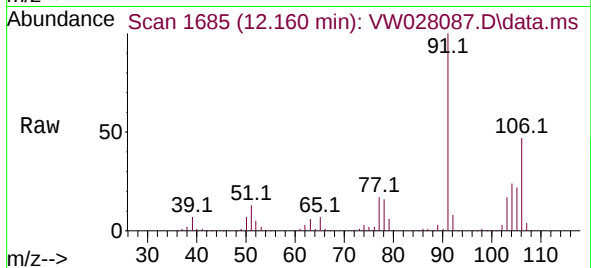




#54
o-Xylene
Concen: 23.624 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

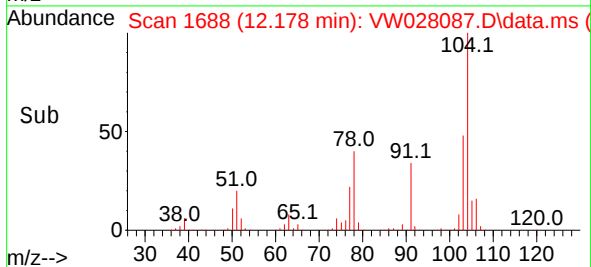
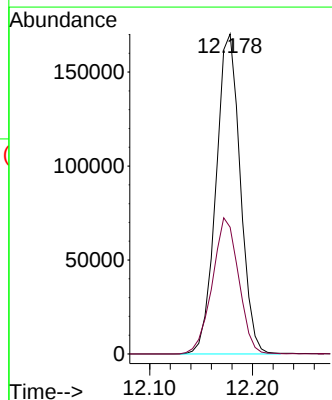
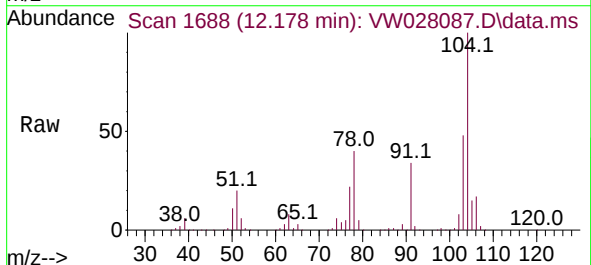
Instrument :
MSVOA_W
ClientSampleId :

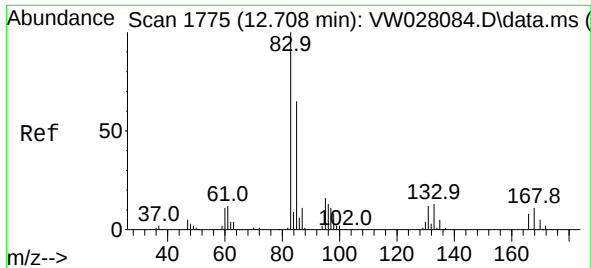
Tgt Ion:106 Resp: 163000
Ion Ratio Lower Upper
106 100
91 211.9 145.2 269.6



#55
Styrene
Concen: 23.685 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion:104 Resp: 278704
Ion Ratio Lower Upper
104 100
78 39.6 29.1 54.1

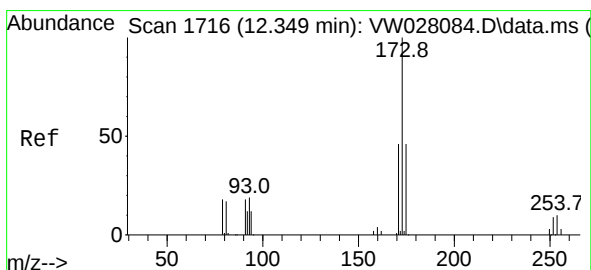
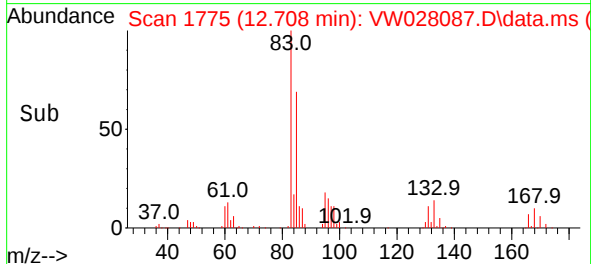
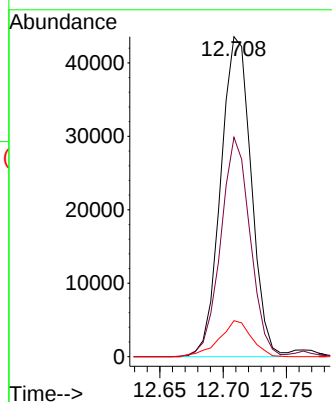
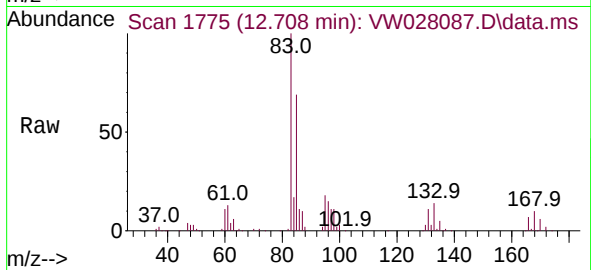




#57
1,1,2,2-Tetrachloroethane
Concen: 23.795 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

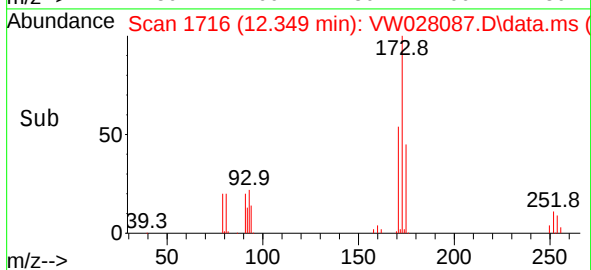
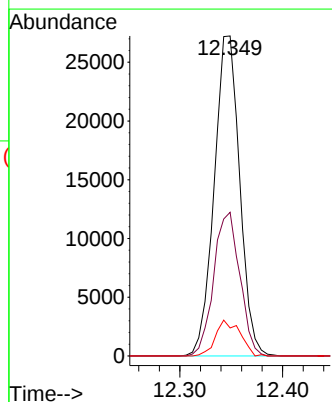
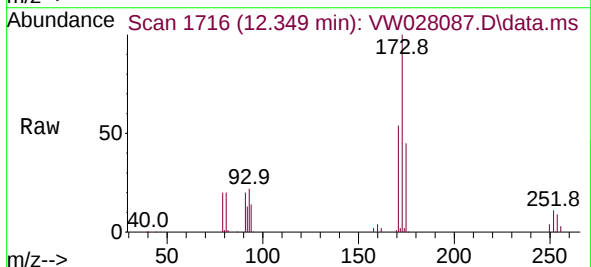
Instrument :
MSVOA_W
ClientSampleId :

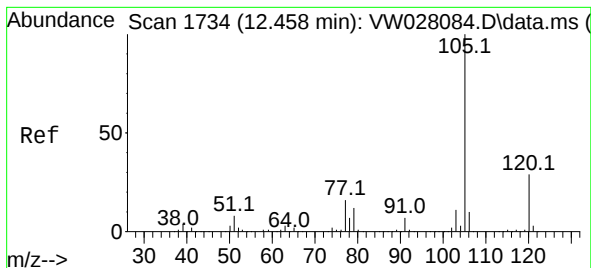
Tgt Ion: 83 Resp: 72885
Ion Ratio Lower Upper
83 100
85 68.6 45.7 84.9
131 11.3 9.7 14.5



#59
Bromoform
Concen: 23.579 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion:173 Resp: 46921
Ion Ratio Lower Upper
173 100
175 45.9 37.2 55.8
254 10.7 8.5 12.7





#60

Isopropylbenzene

Concen: 23.404 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

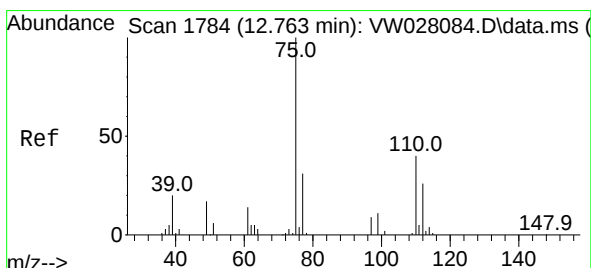
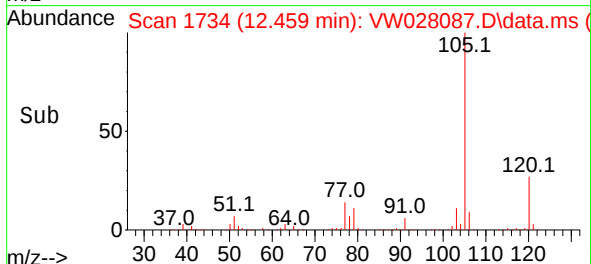
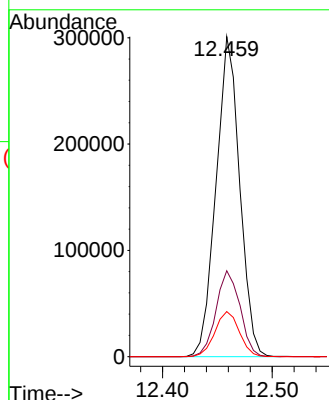
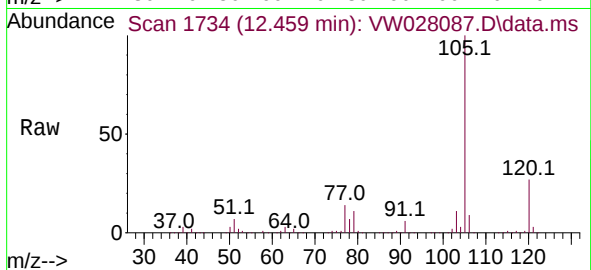
Tgt Ion:105 Resp: 450706

Ion Ratio Lower Upper

105 100

120 27.2 22.2 33.2

77 14.6 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 23.697 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

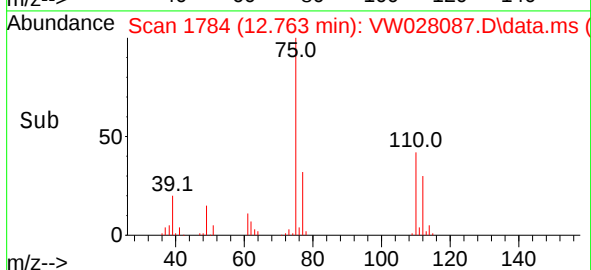
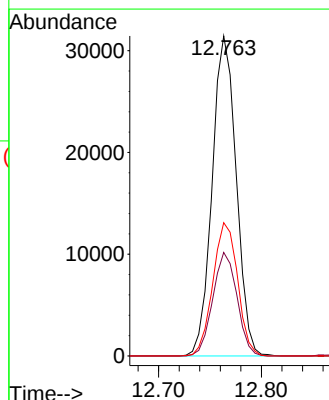
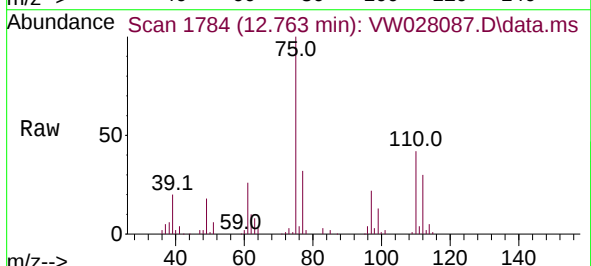
Tgt Ion: 75 Resp: 51133

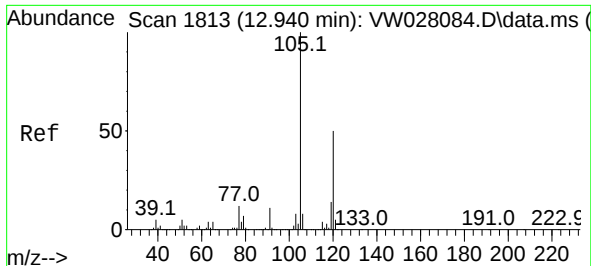
Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

110 42.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.371 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

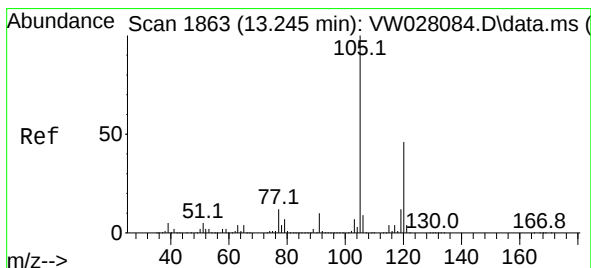
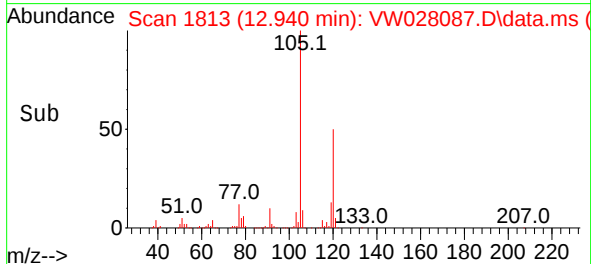
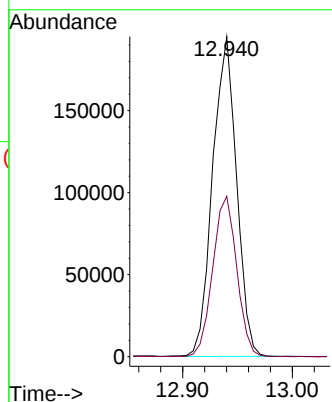
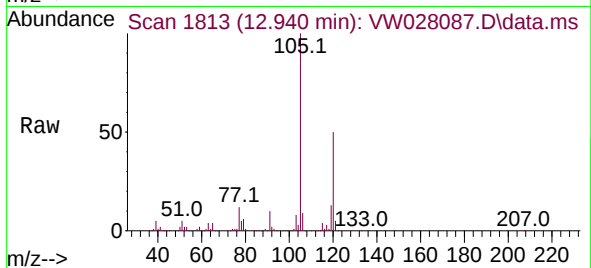
ClientSampleId :

Tgt Ion:105 Resp: 295073

Ion Ratio Lower Upper

105 100

120 50.4 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 23.525 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028087.D

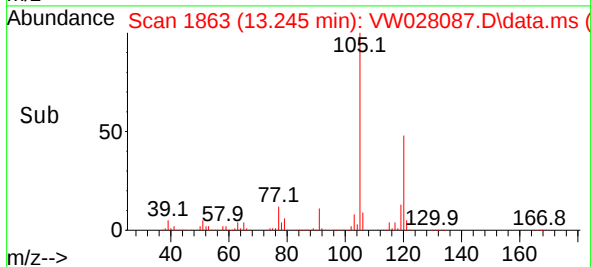
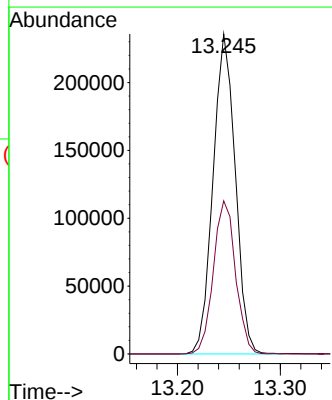
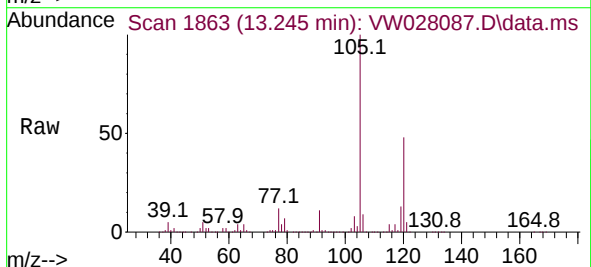
Acq: 29 Feb 2024 14:38

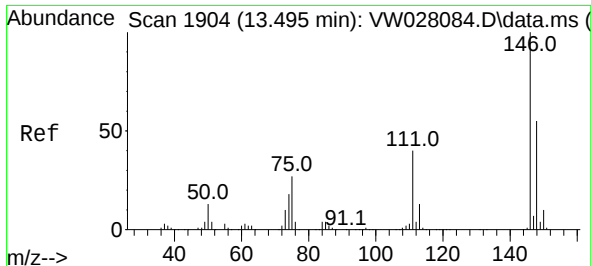
Tgt Ion:105 Resp: 354198

Ion Ratio Lower Upper

105 100

120 47.7 36.4 54.6

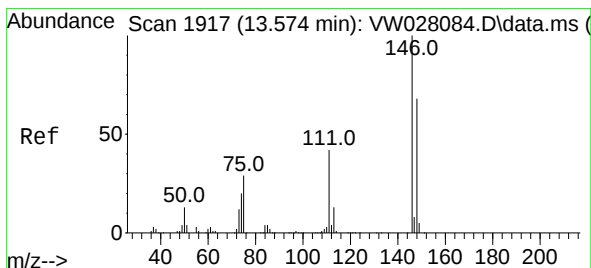
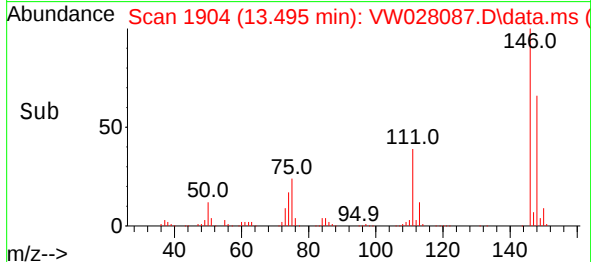
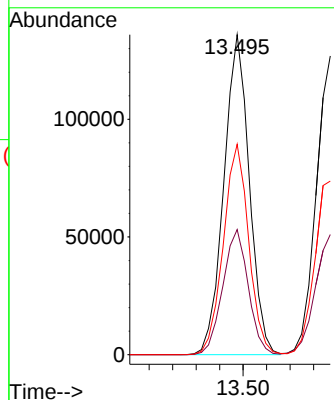
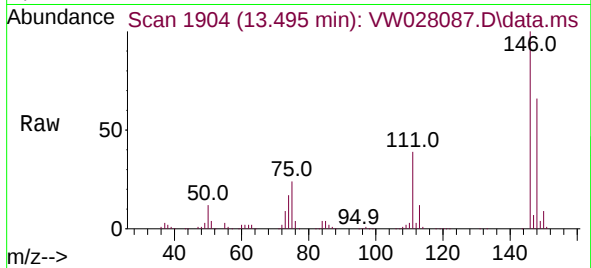




#64
1,3-Dichlorobenzene
Concen: 23.021 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

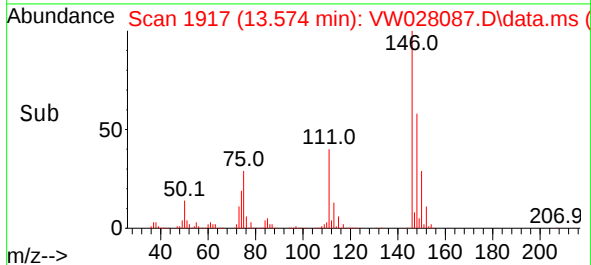
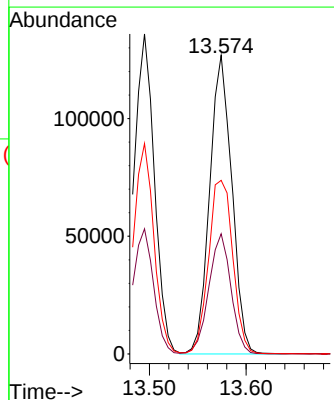
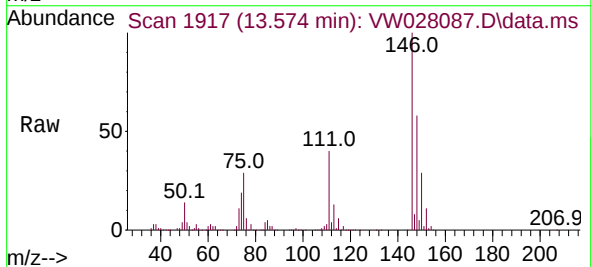
Instrument :
MSVOA_W
ClientSampleId :

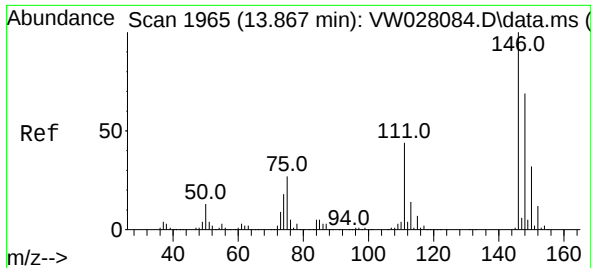
Tgt Ion:146 Resp: 204886
Ion Ratio Lower Upper
146 100
111 39.1 27.9 51.9
148 65.7 38.7 71.9



#65
1,4-Dichlorobenzene
Concen: 22.488 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion:146 Resp: 202060
Ion Ratio Lower Upper
146 100
111 40.2 29.3 54.5
148 58.1 47.5 88.1

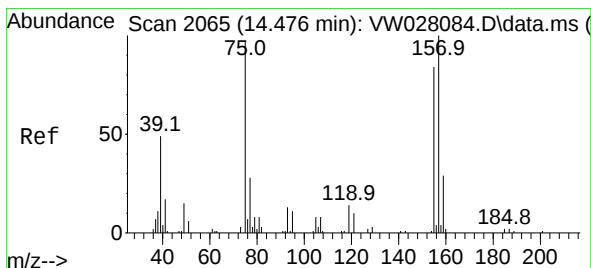
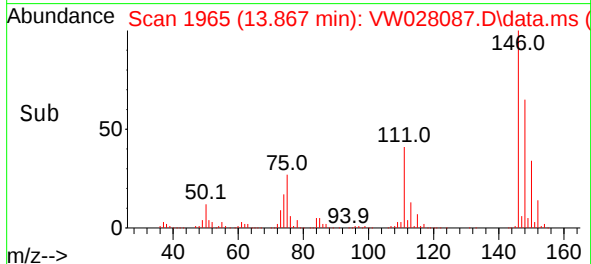
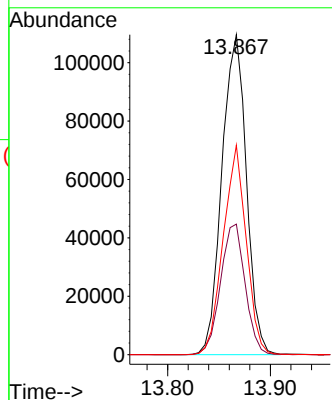
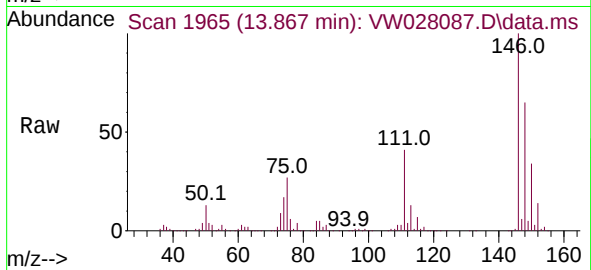




#67
1,2-Dichlorobenzene
Concen: 22.603 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

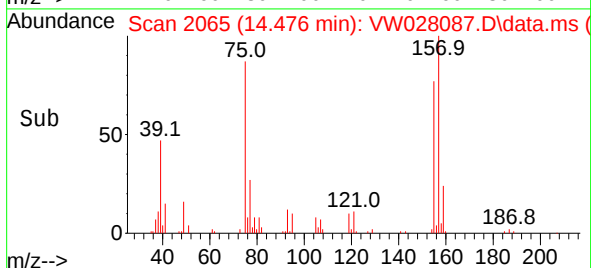
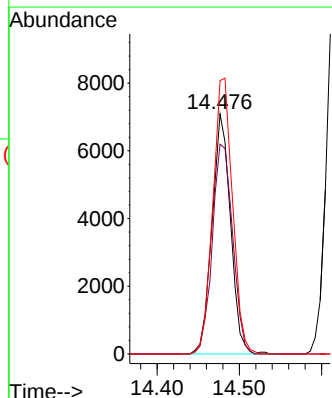
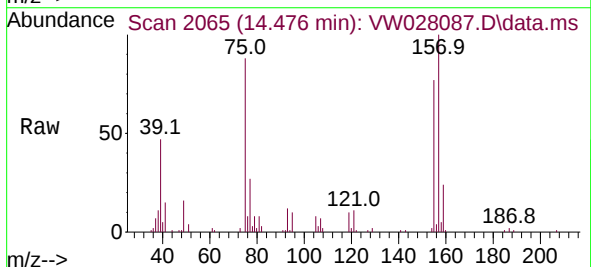
Instrument :
MSVOA_W
ClientSampleId :

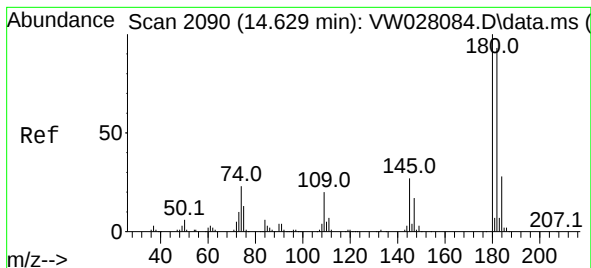
Tgt Ion:146 Resp: 181203
Ion Ratio Lower Upper
146 100
111 40.8 35.4 53.0
148 65.4 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 24.377 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion: 75 Resp: 11048
Ion Ratio Lower Upper
75 100
155 87.5 69.3 103.9
157 113.9 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 23.119 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

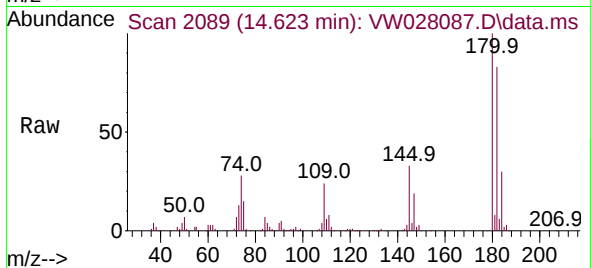
Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 151844

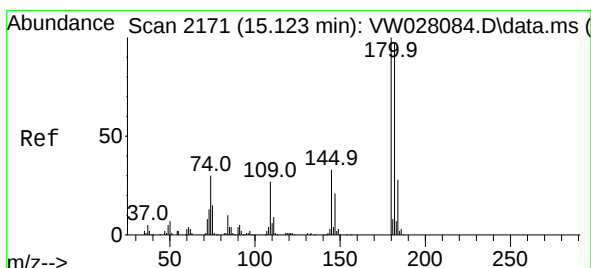
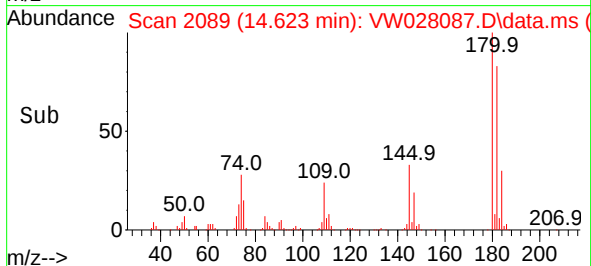
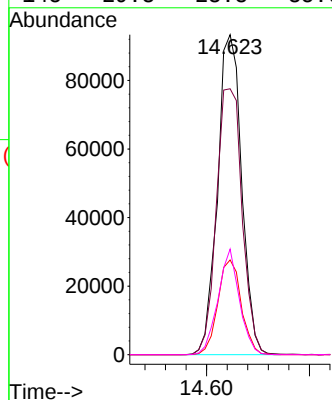
Ion Ratio Lower Upper

180 100

182 88.8 78.2 117.4

184 28.8 25.4 38.2

145 29.3 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 24.396 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028087.D

Acq: 29 Feb 2024 14:38

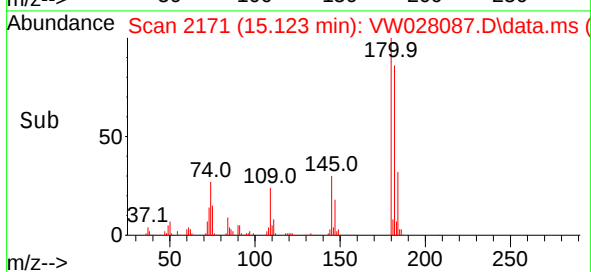
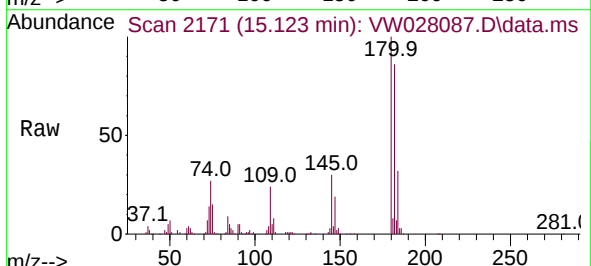
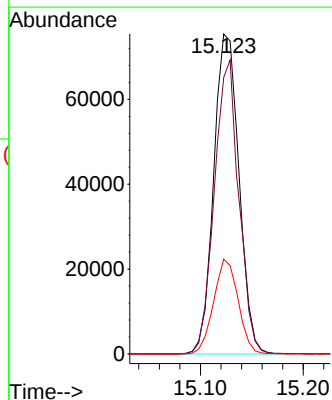
Tgt Ion:180 Resp: 128677

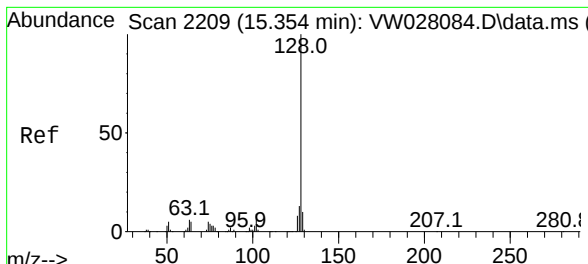
Ion Ratio Lower Upper

180 100

182 88.8 80.1 120.1

145 28.8 24.3 36.5



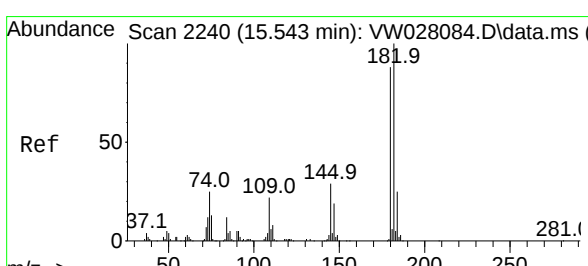
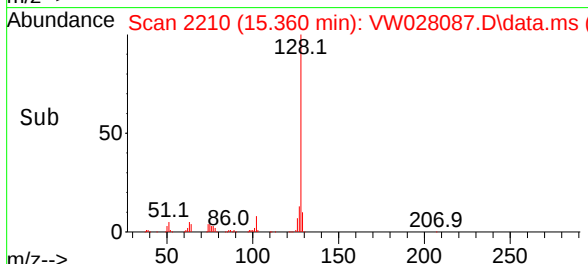
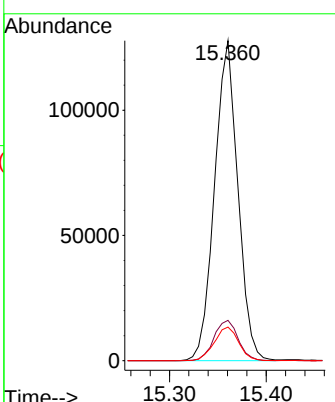
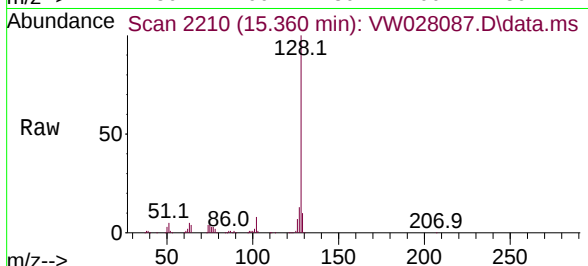


#71
Naphthalene
Concen: 24.773 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 213701

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.652 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW028087.D
Acq: 29 Feb 2024 14:38

Tgt Ion:180 Resp: 99915

Ion	Ratio	Lower	Upper
180	100		
182	98.3	81.4	122.2
145	33.2	26.2	39.2

