

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042324\
 Data File : VW028526.D
 Acq On : 23 Apr 2024 17:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 01:26:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 24 01:22:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	326873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	89895	17.155	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
7) Chloroethane-d5	2.887	69	79457	20.005	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.015	65	41053	18.500	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.000%
21) 2-Butanone-d5	7.112	46	46119	47.032	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.060%
24) Chloroform-d	7.648	84	200450	23.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	8.307	65	105844	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.276	84	370313	22.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	9.276	67	116585	24.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	10.319	98	331697	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.575	79	43489	22.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.928	63	31491	46.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86082	25.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	110865	25.091	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79450	18.072	ug/L	100
3) Chloromethane	2.210	50	105251	20.391	ug/L	98
5) Vinyl chloride	2.363	62	125965	20.492	ug/L	100
6) Bromomethane	2.783	94	77064	20.066	ug/L	97
8) Chloroethane	2.924	64	78572	21.204	ug/L	96
9) Trichlorofluoromethane	3.253	101	98373	20.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.057	101	92604	20.072	ug/L #	68
12) 1,1-Dichloroethene	4.039	96	89621	20.689	ug/L	87
13) Acetone	4.186	43	13148	10.920	ug/L	62
14) Carbon disulfide	4.381	76	268461	18.824	ug/L	99
15) Methyl Acetate	4.698	43	34999	18.066	ug/L	99
16) Methylene chloride	4.911	84	102163	20.655	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	95379	20.903	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	146297	22.792	ug/L	100
19) 1,1-Dichloroethane	6.216	63	198108	22.283	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	108057	22.312	ug/L	97
22) 2-Butanone	7.191	43	44647	30.555	ug/L	95
23) Bromochloromethane	7.514	128	44047	21.115	ug/L	91
25) Chloroform	7.679	83	196952	22.552	ug/L	94

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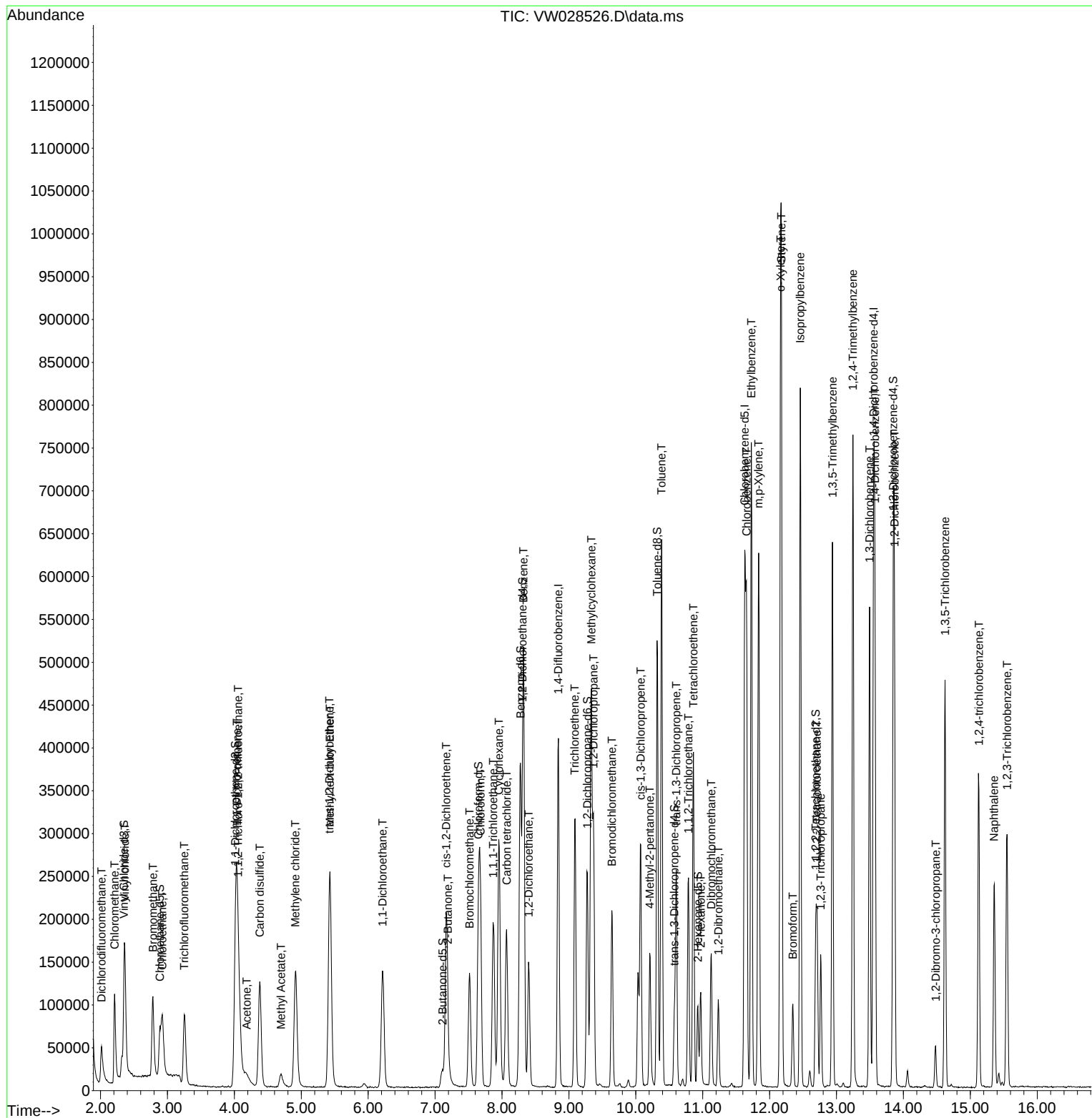
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134161	22.257	ug/L	98
29) Cyclohexane	7.953	56	163886	20.782	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	153940	21.261	ug/L	98
31) Carbon tetrachloride	8.069	117	134862	21.004	ug/L	99
33) Benzene	8.319	78	418876	22.441	ug/L	100
34) Trichloroethene	9.087	95	108388	21.427	ug/L	97
35) Methylcyclohexane	9.337	83	174994	20.273	ug/L	99
37) 1,2-Dichloropropane	9.368	63	109743	22.557	ug/L	100
38) Bromodichloromethane	9.642	83	135888	22.534	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	158921	22.276	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107993	44.343	ug/L	99
42) Toluene	10.386	91	442253	22.365	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	128891	22.332	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	74805	22.727	ug/L	96
46) Tetrachloroethene	10.861	164	77578	20.532	ug/L	82
48) 2-Hexanone	10.971	43	73820	38.186	ug/L	96
49) Dibromochloromethane	11.129	129	78400	22.286	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67511	22.473	ug/L	97
51) Chlorobenzene	11.654	112	273789	22.275	ug/L	99
52) Ethylbenzene	11.727	91	506575	22.599	ug/L	99
53) m,p-Xylene	11.837	106	185024	22.196	ug/L	99
54) o-Xylene	12.166	106	176407	22.728	ug/L	98
55) Styrene	12.178	104	305934	23.159	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	83054	22.297	ug/L	97
59) Bromoform	12.349	173	42021	22.785	ug/L	99
60) Isopropylbenzene	12.458	105	489330	23.362	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60108	23.531	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	321113	24.053	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	396230	24.662	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	208603	23.471	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	206067	22.793	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	183343	23.452	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	12114	20.696	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	132605	21.682	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	111344	23.314	ug/L	96
71) Naphthalene	15.354	128	196744	23.277	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	95607	22.559	ug/L	99

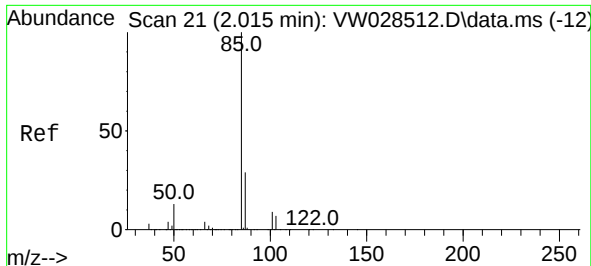
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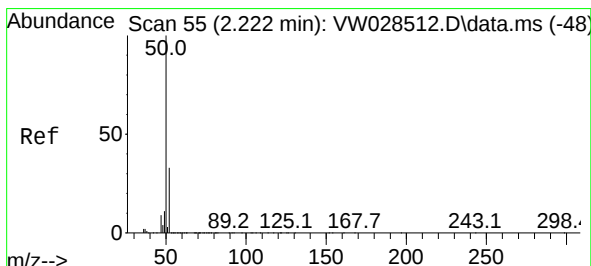
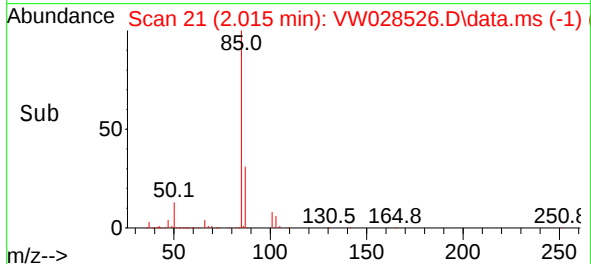
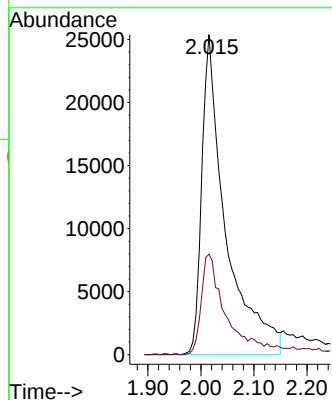
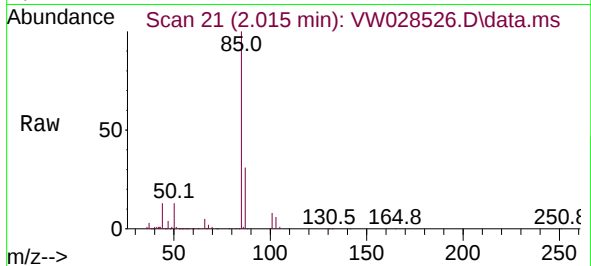




#2
Dichlorodifluoromethane
Concen: 18.072 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

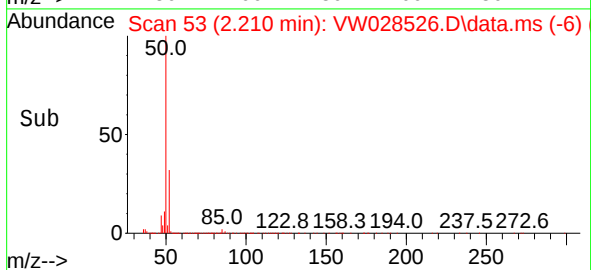
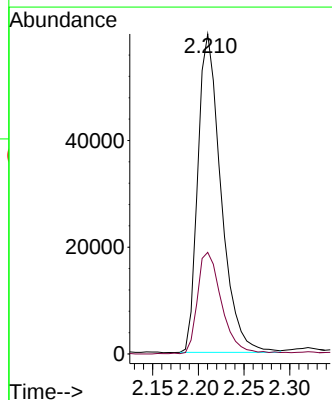
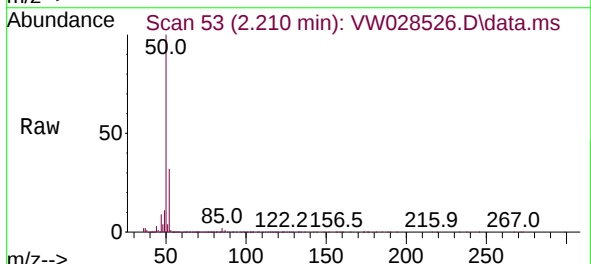
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MSVOA_W
ClientSampleId :

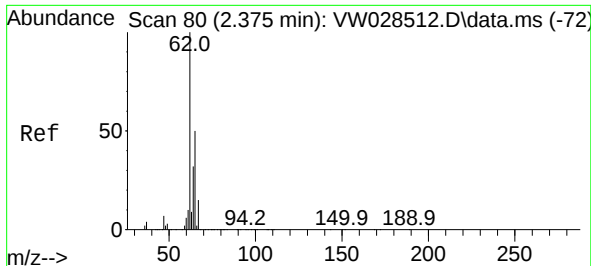
Tgt Ion: 85 Resp: 79450
Ion Ratio Lower Upper
85 100
87 29.1 23.4 35.0



#3
Chloromethane
Concen: 20.391 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.012 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

Tgt Ion: 50 Resp: 105251
Ion Ratio Lower Upper
50 100
52 31.8 23.0 42.6

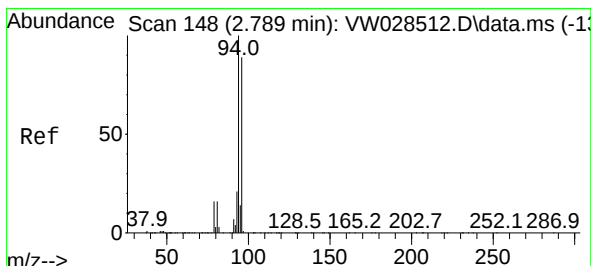
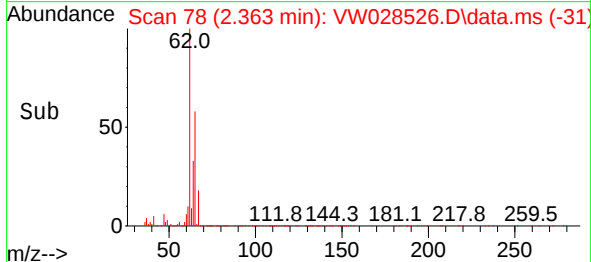
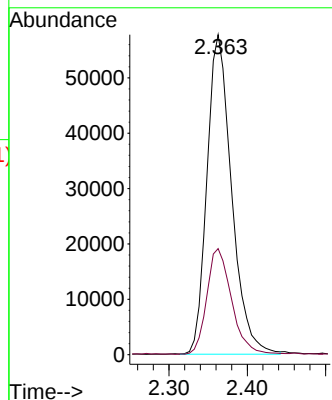
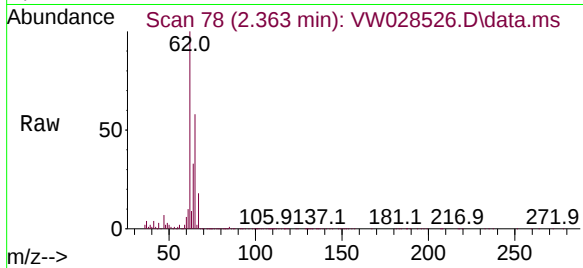




#5
 Vinyl chloride
 Concen: 20.492 ug/L
 RT: 2.363 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: VW028526.D
 Acq: 23 Apr 2024 17:44

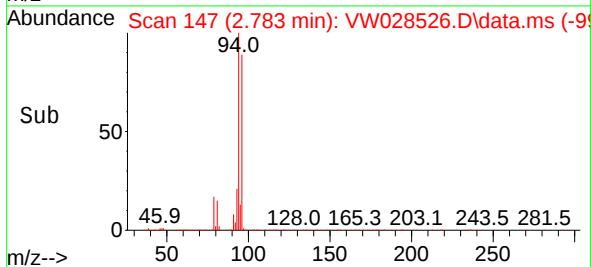
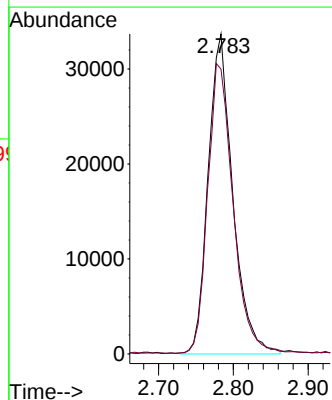
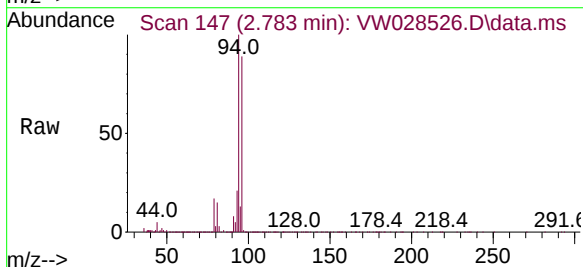
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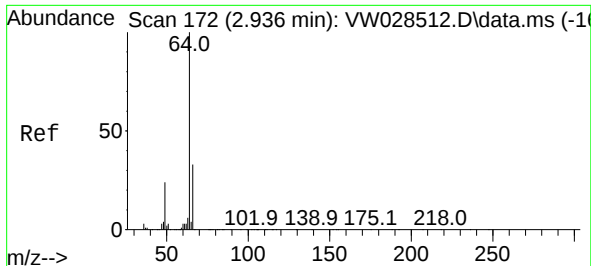
Tgt Ion: 62 Resp: 125965
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 20.066 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW028526.D
 Acq: 23 Apr 2024 17:44

Tgt Ion: 94 Resp: 77064
 Ion Ratio Lower Upper
 94 100
 96 89.0 64.3 119.5

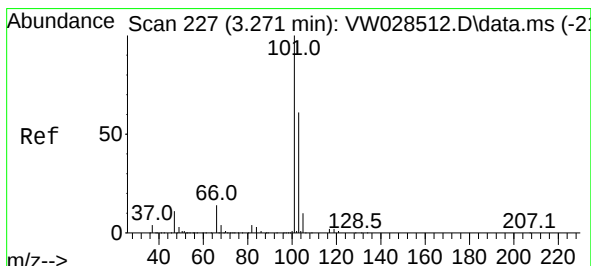
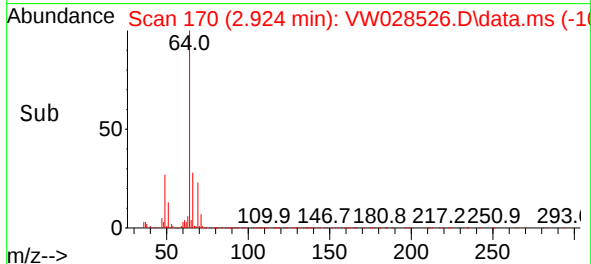
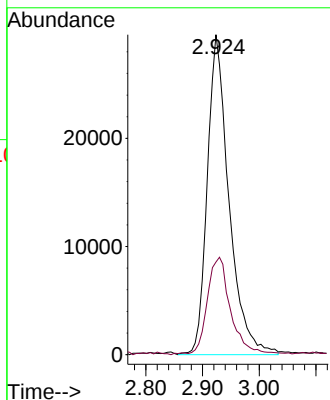
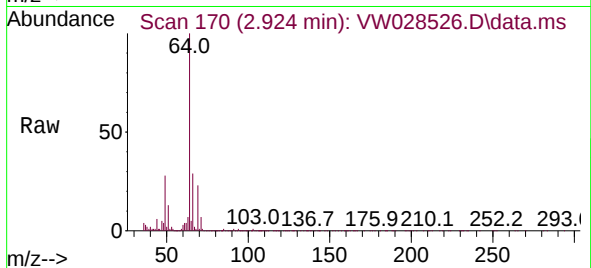




#8
Chloroethane
Concen: 21.204 ug/L
RT: 2.924 min Scan# 172
Delta R.T. -0.012 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

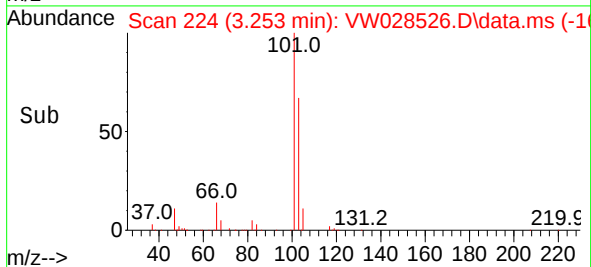
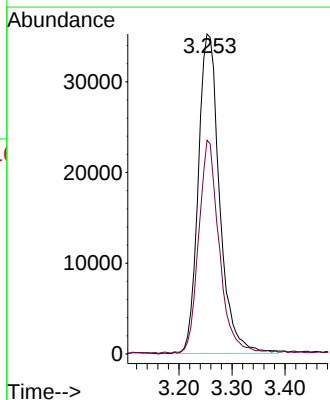
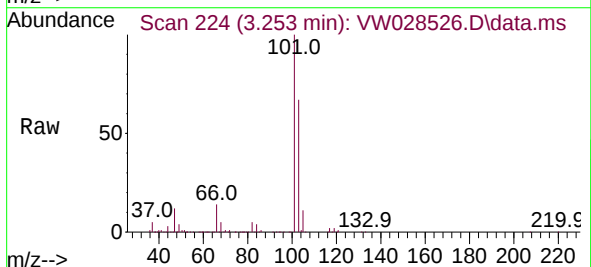
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MSVOA_W
ClientSampleId :

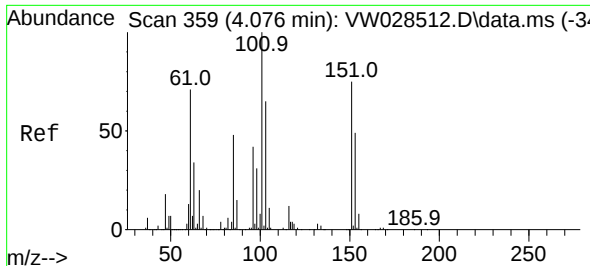
Tgt Ion: 64 Resp: 78572
Ion Ratio Lower Upper
64 100
66 28.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.061 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.018 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

Tgt Ion:101 Resp: 98373
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

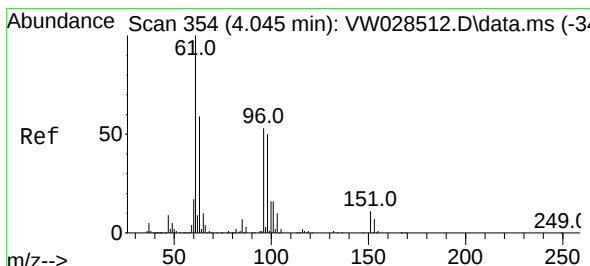
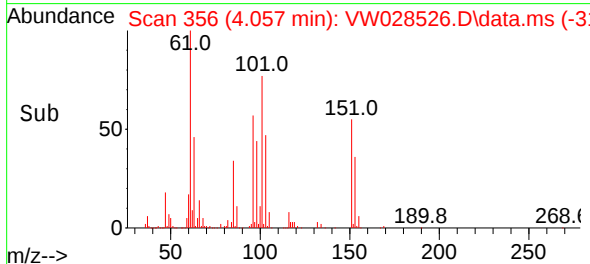
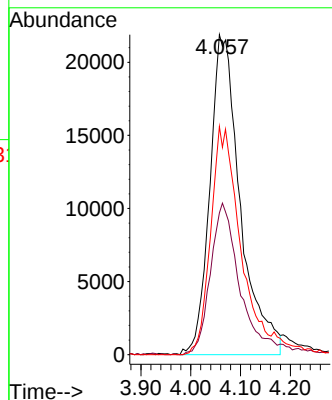
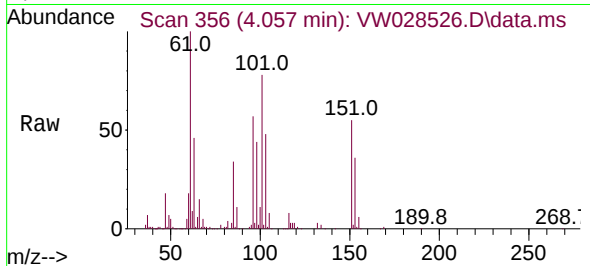




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.072 ug/L
RT: 4.057 min Scan# 356
Delta R.T. -0.018 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

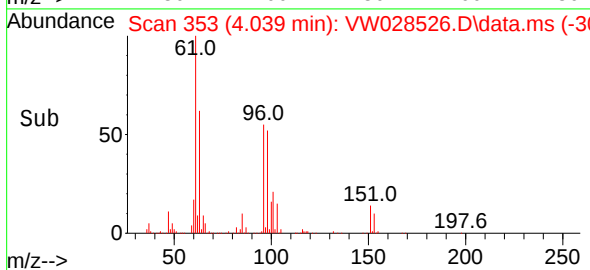
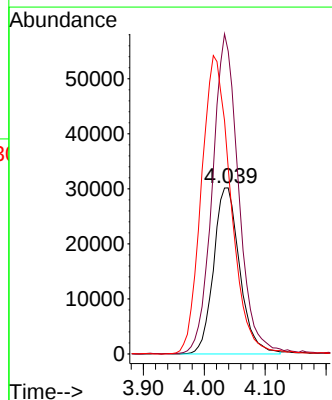
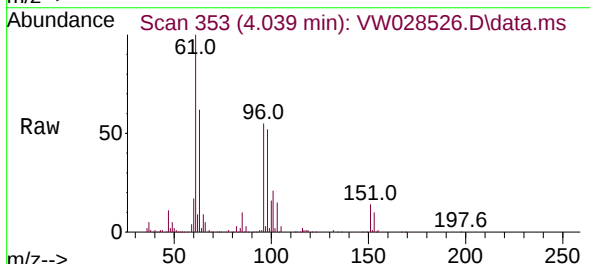
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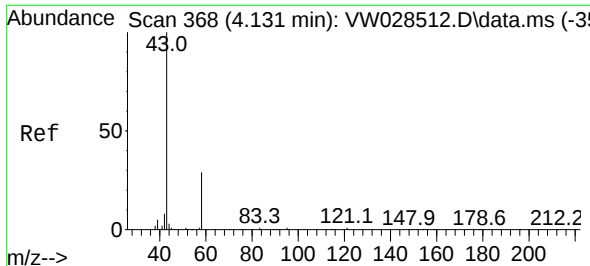
Tgt Ion:101 Resp: 92604
Ion Ratio Lower Upper
101 100
85 43.9 34.5 51.7
151 29.9 57.5 86.3#



#12
1,1-Dichloroethene
Concen: 20.689 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

Tgt Ion: 96 Resp: 89621
Ion Ratio Lower Upper
96 100
61 182.3 130.5 242.5
63 112.2 101.5 188.5

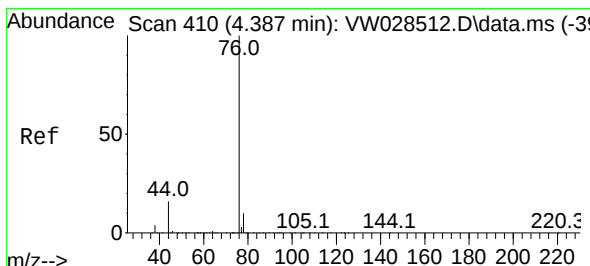
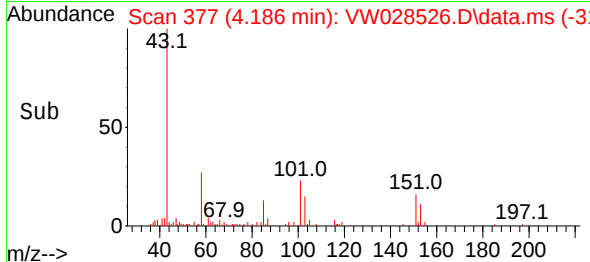
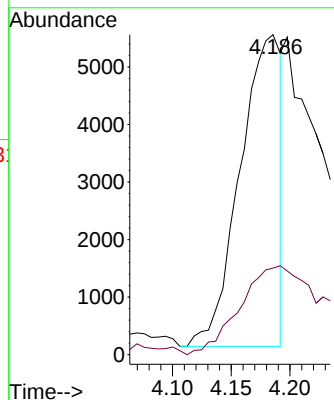
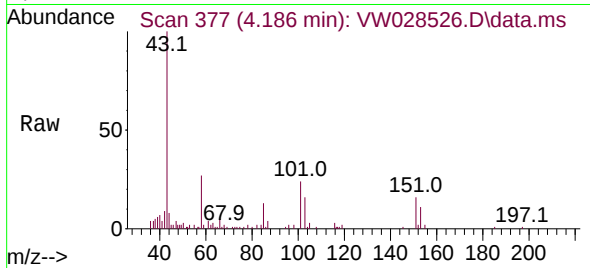




#13
Acetone
Concen: 10.920 ug/L
RT: 4.186 min Scan# 31
Delta R.T. 0.055 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

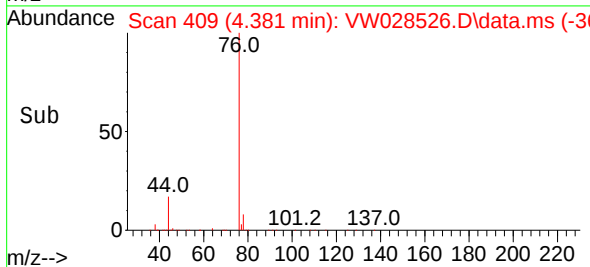
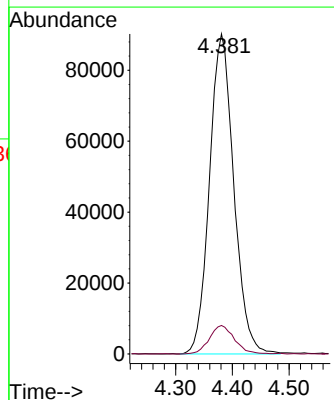
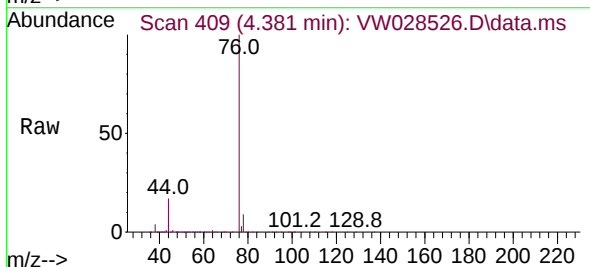
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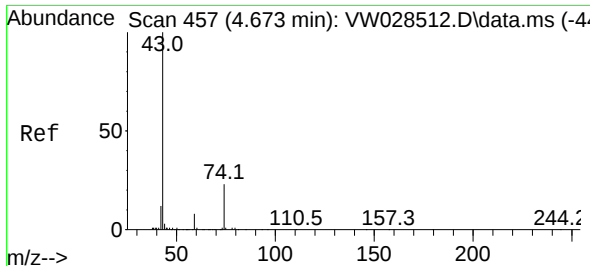
Tgt Ion: 43 Resp: 13148
Ion Ratio Lower Upper
43 100
58 46.4 0.0 53.4



#14
Carbon disulfide
Concen: 18.824 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 268461
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 18.066 ug/L

RT: 4.698 min Scan# 4

Delta R.T. 0.024 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

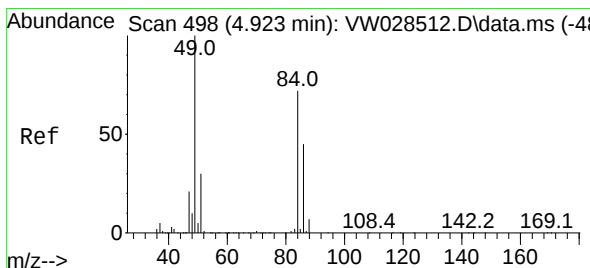
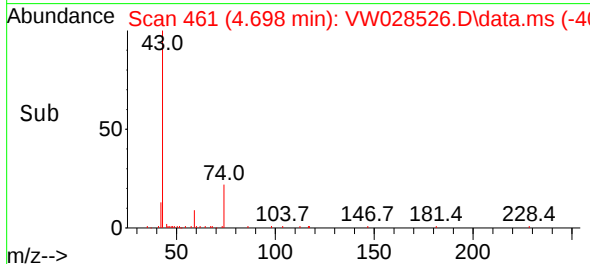
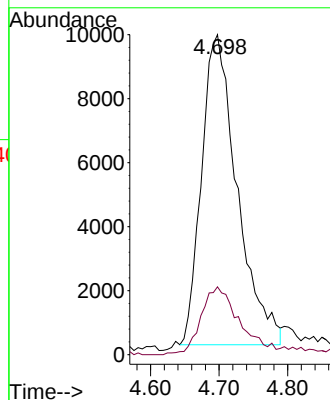
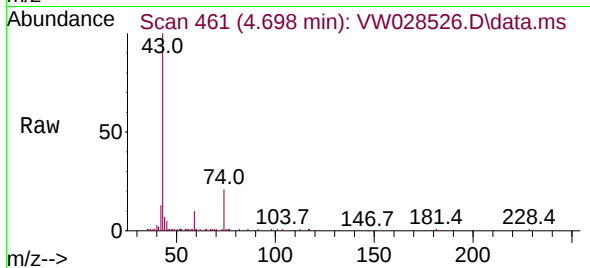
ClientSampleId :

Tgt Ion: 43 Resp: 34999

Ion Ratio Lower Upper

43 100

74 22.3 17.4 26.0



#16

Methylene chloride

Concen: 20.655 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.012 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

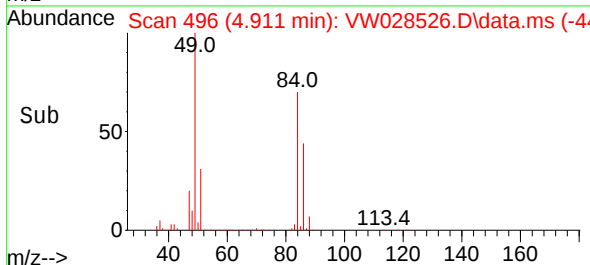
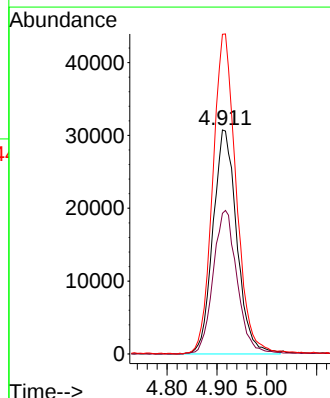
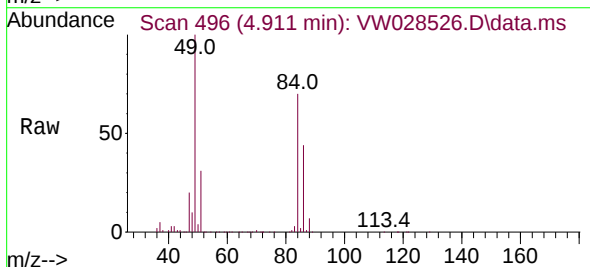
Tgt Ion: 84 Resp: 102163

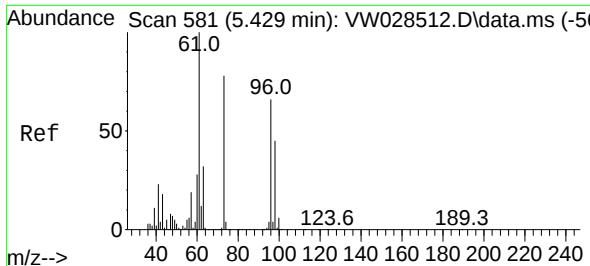
Ion Ratio Lower Upper

84 100

86 62.8 44.2 82.0

49 142.7 95.0 176.4

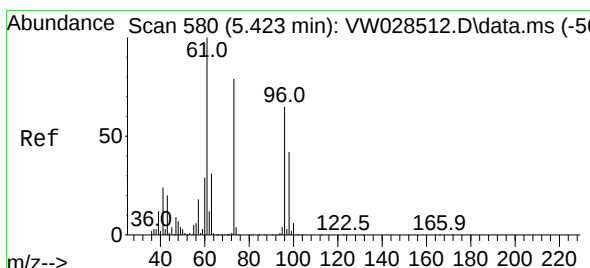
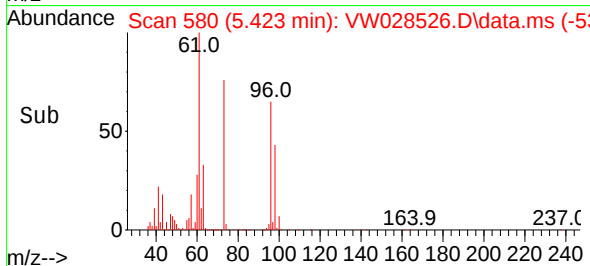
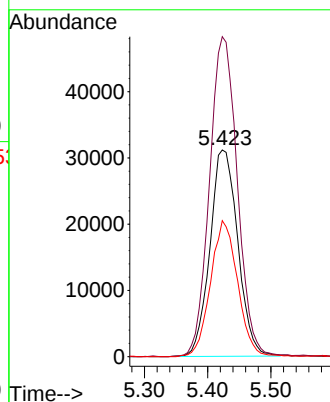
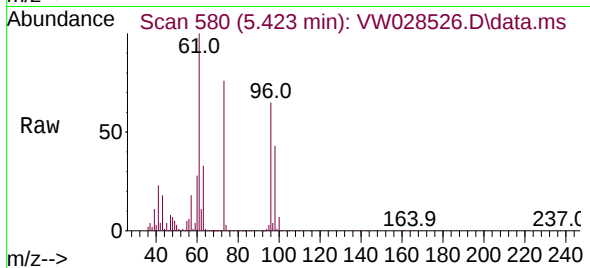




#17
trans-1,2-Dichloroethene
Concen: 20.903 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

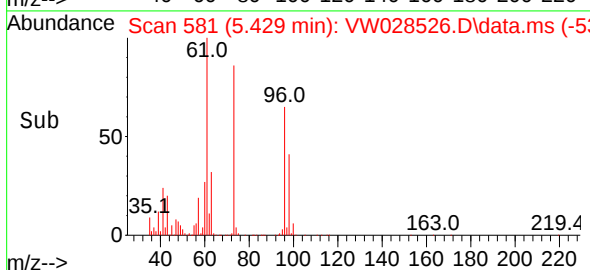
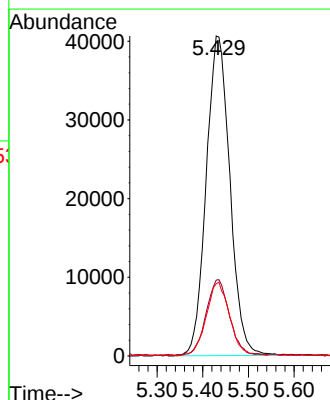
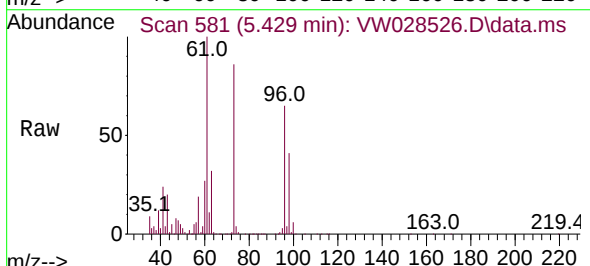
Instrument :
MSVOA_W
ClientSampleId :

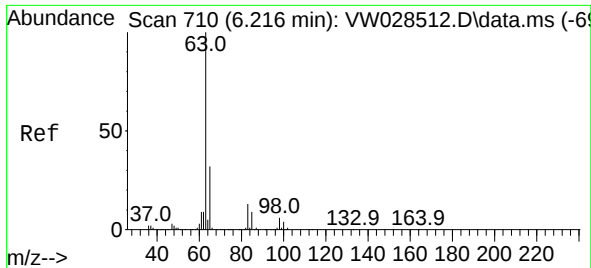
Tgt Ion: 96 Resp: 95379
Ion Ratio Lower Upper
96 100
61 154.8 108.4 201.4
98 65.8 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 22.792 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

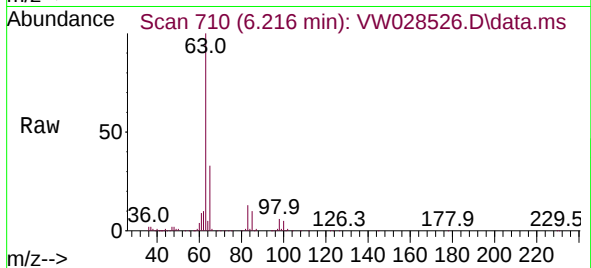
Tgt Ion: 73 Resp: 146297
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7
57 22.9 18.2 27.4



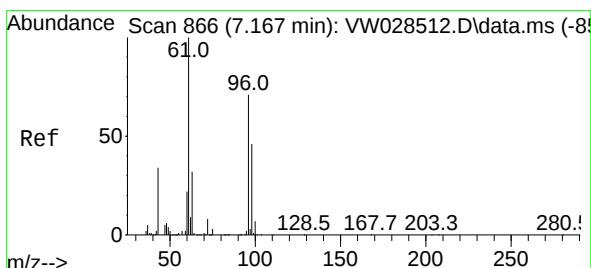
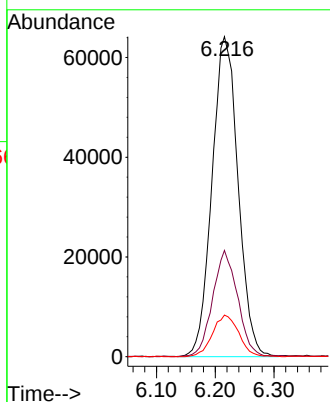
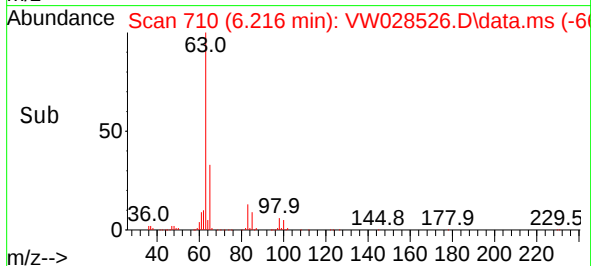


#19
1,1-Dichloroethane
Concen: 22.283 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

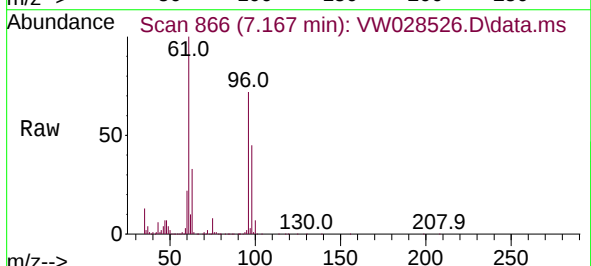
Instrument :
MSVOA_W
ClientSampleId :



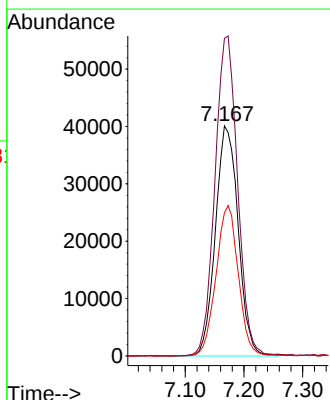
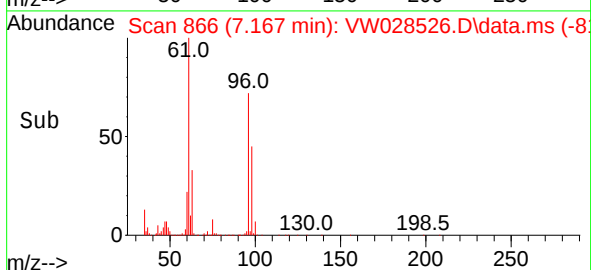
Tgt Ion: 63 Resp: 198108
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.4
83 13.0 9.0 16.8

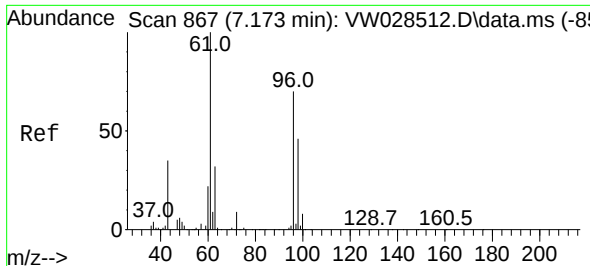


#20
cis-1,2-Dichloroethene
Concen: 22.312 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44



Tgt Ion: 96 Resp: 108057
Ion Ratio Lower Upper
96 100
61 138.0 97.6 181.2
98 62.2 47.7 88.5

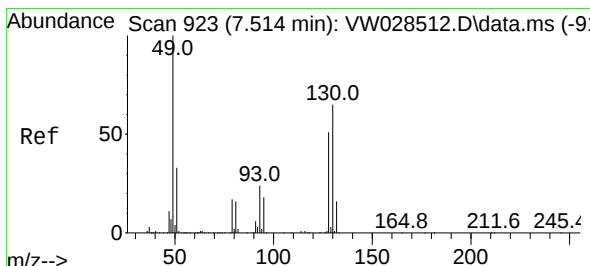
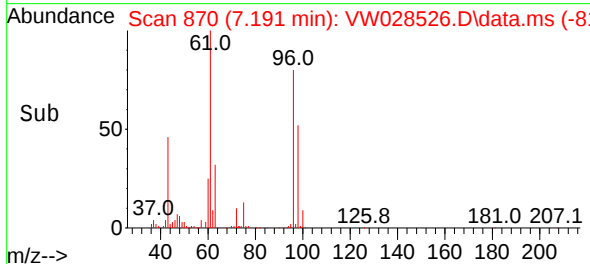
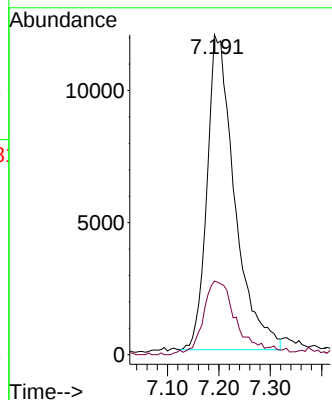
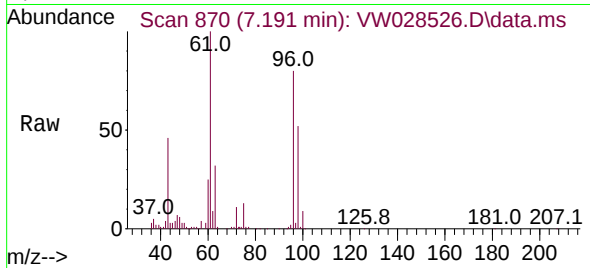




#22
2-Butanone
Concen: 30.555 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.018 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

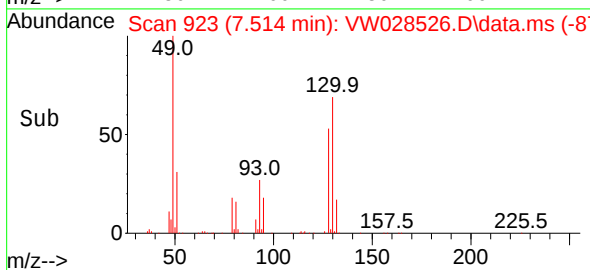
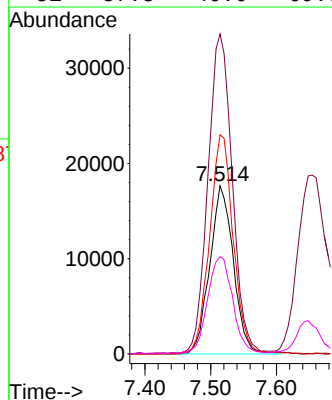
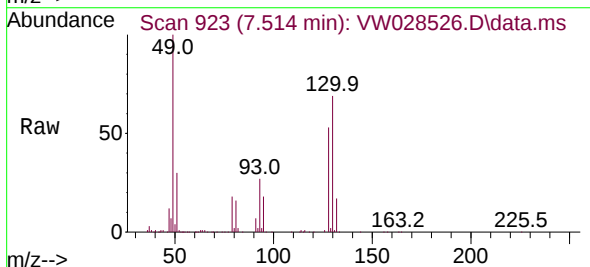
Instrument :
MSVOA_W
ClientSampleId :

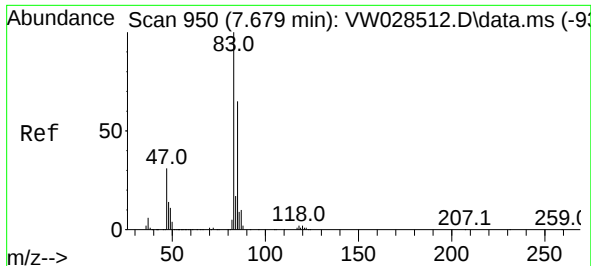
Tgt Ion: 43 Resp: 44647
Ion Ratio Lower Upper
43 100
72 23.2 12.8 38.4



#23
Bromochloromethane
Concen: 21.115 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

Tgt Ion:128 Resp: 44047
Ion Ratio Lower Upper
128 100
49 190.3 127.1 236.0
130 130.4 78.3 145.5
51 57.8 46.0 69.0





#25

Chloroform

Concen: 22.552 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

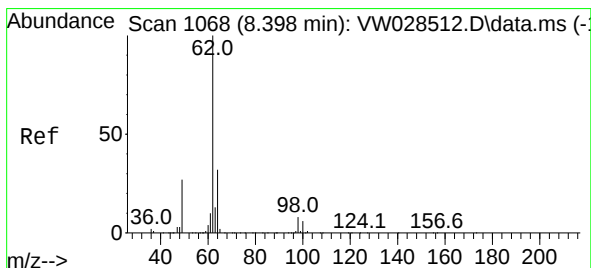
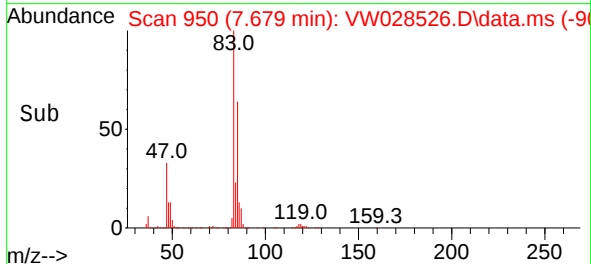
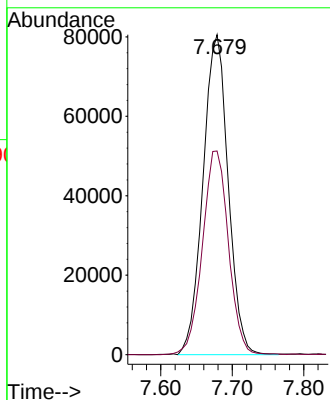
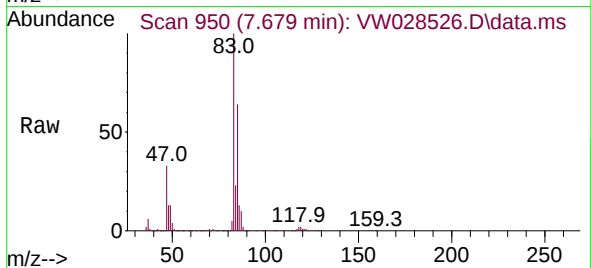
ClientSampleId :

Tgt Ion: 83 Resp: 196952

Ion Ratio Lower Upper

83 100

85 63.7 47.7 88.7



#27

1,2-Dichloroethane

Concen: 22.257 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028526.D

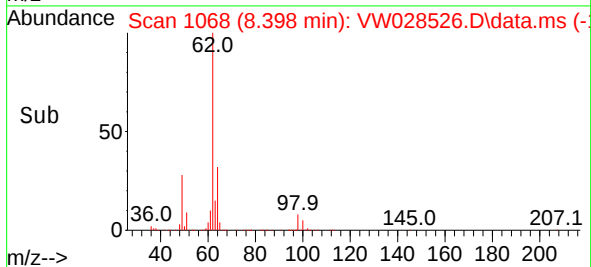
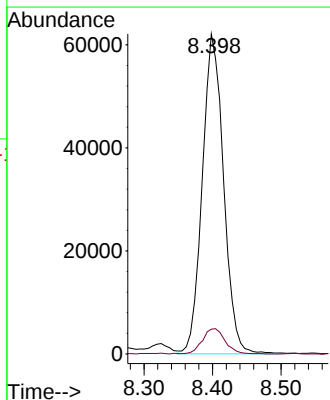
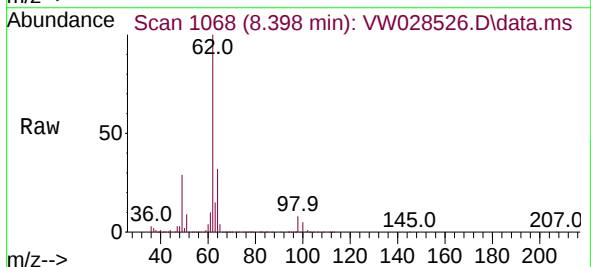
Acq: 23 Apr 2024 17:44

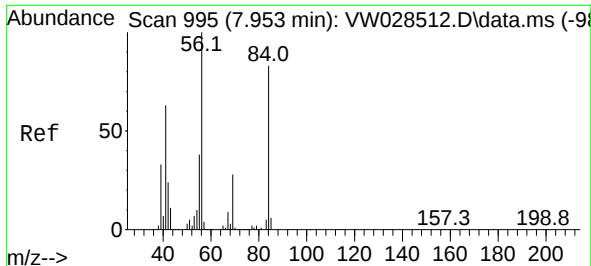
Tgt Ion: 62 Resp: 134161

Ion Ratio Lower Upper

62 100

98 7.7 6.6 10.0





#29

Cyclohexane

Concen: 20.782 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

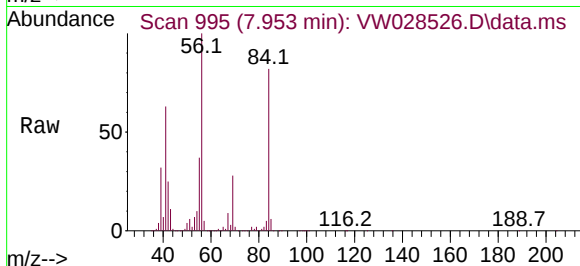
Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



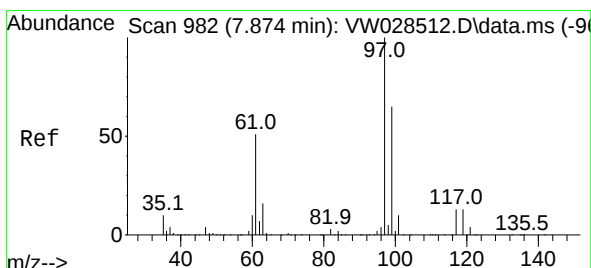
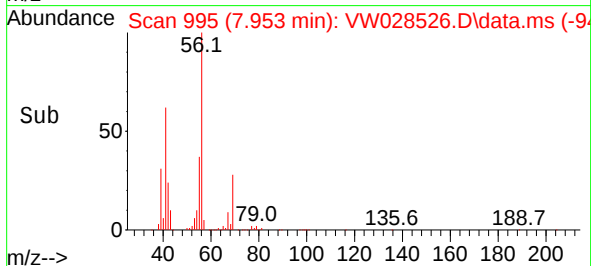
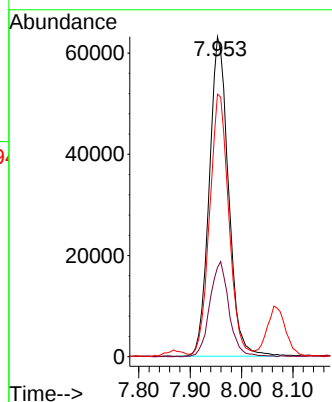
Tgt Ion: 56 Resp: 163886

Ion Ratio Lower Upper

56 100

69 29.5 23.8 35.6

84 81.9 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 21.261 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

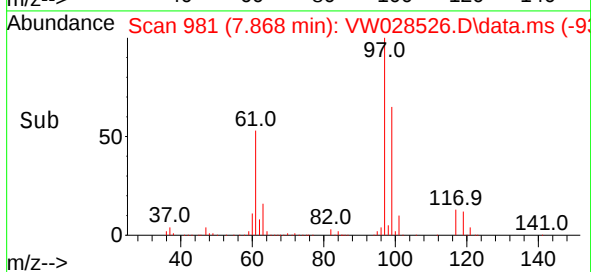
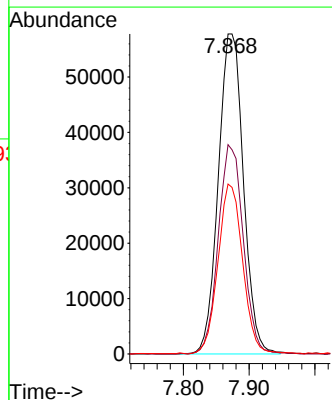
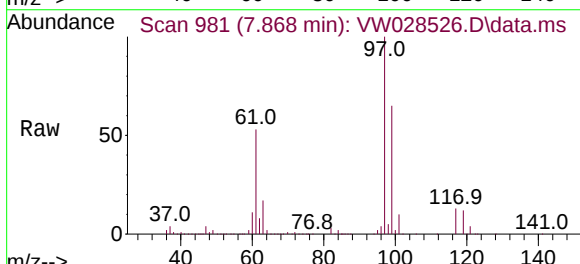
Tgt Ion: 97 Resp: 153940

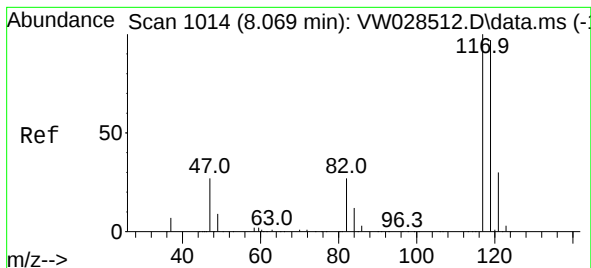
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.2

61 52.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.004 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

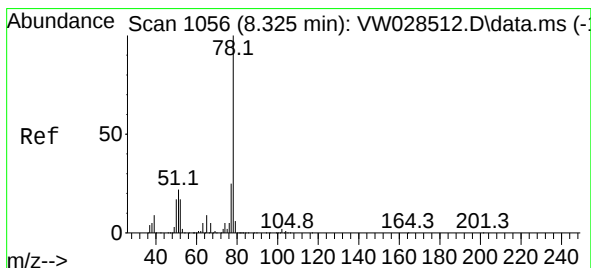
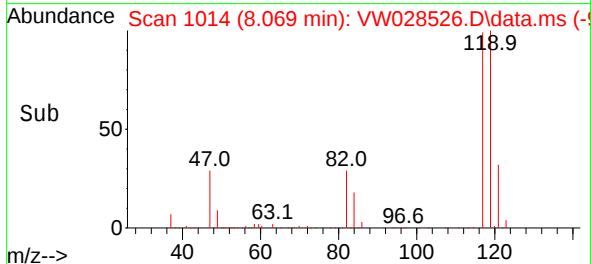
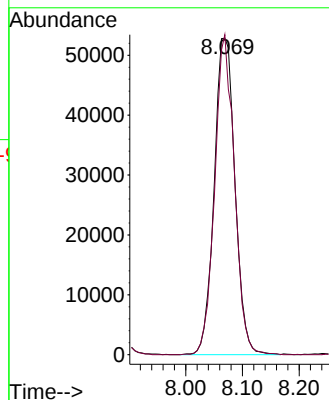
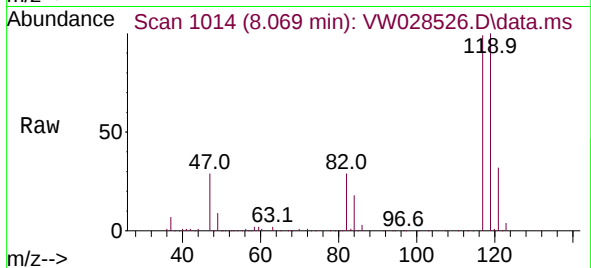
ClientSampleId :

Tgt Ion:117 Resp: 134862

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2



#33

Benzene

Concen: 22.441 ug/L

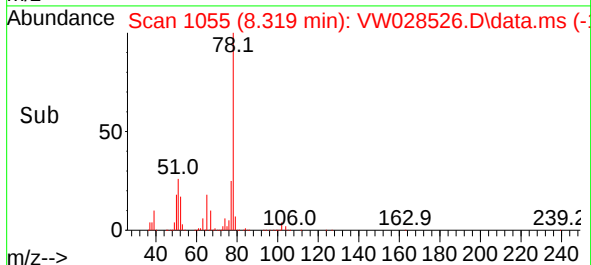
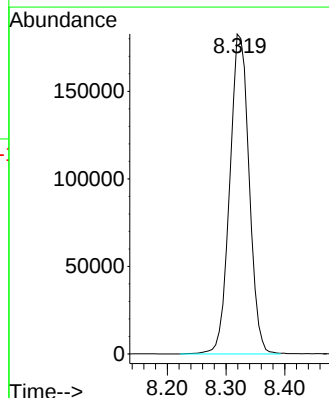
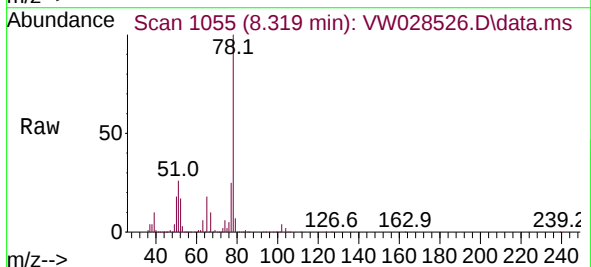
RT: 8.319 min Scan# 1055

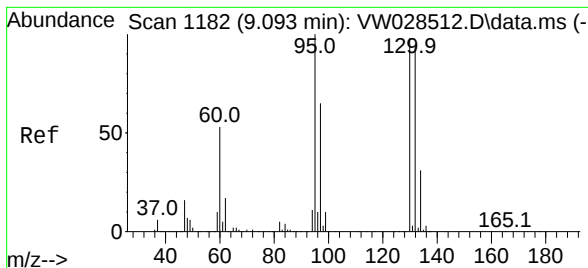
Delta R.T. -0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Tgt Ion: 78 Resp: 418876





#34

Trichloroethene

Concen: 21.427 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

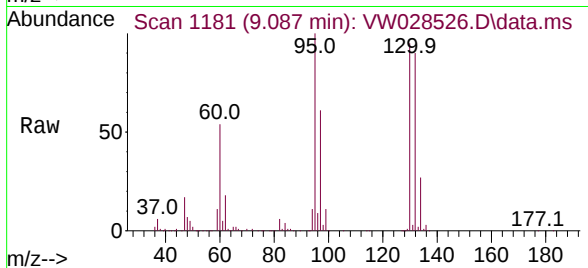
Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 108388

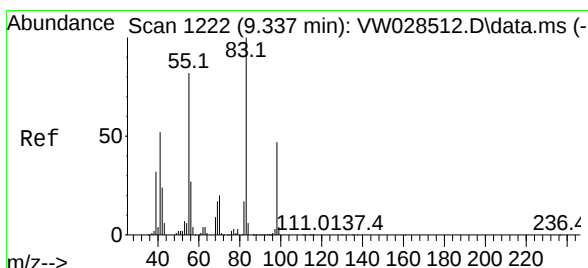
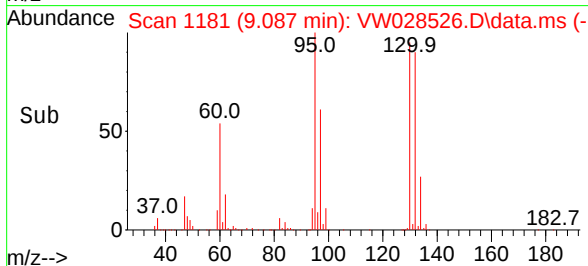
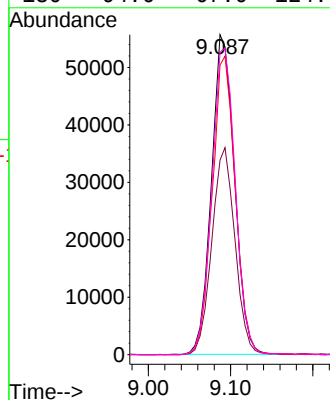
Ion Ratio Lower Upper

95 100

97 60.8 43.8 81.4

132 90.5 66.1 122.8

130 94.6 67.0 124.4



#35

Methylcyclohexane

Concen: 20.273 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

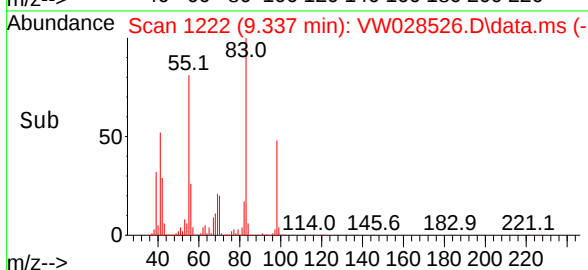
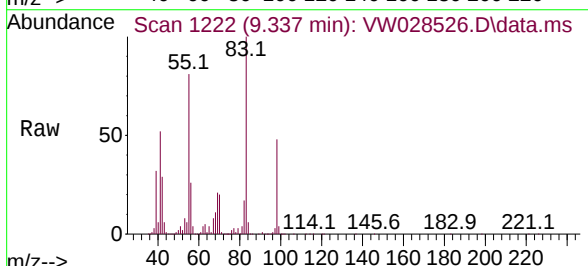
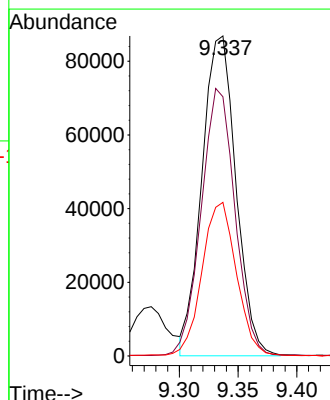
Tgt Ion: 83 Resp: 174994

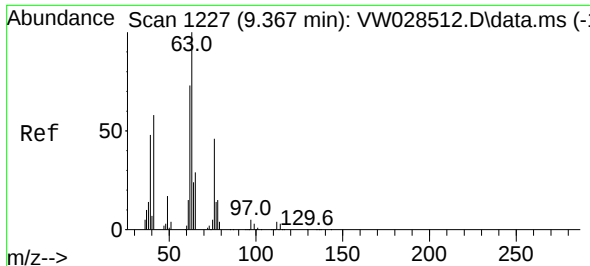
Ion Ratio Lower Upper

83 100

55 83.0 65.7 98.5

98 48.7 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.557 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

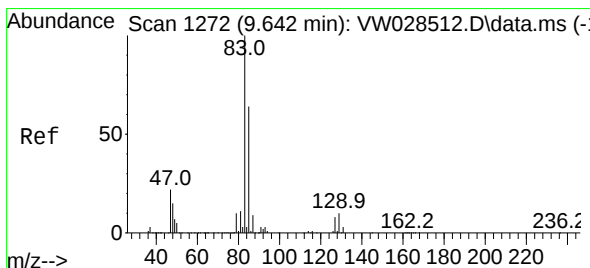
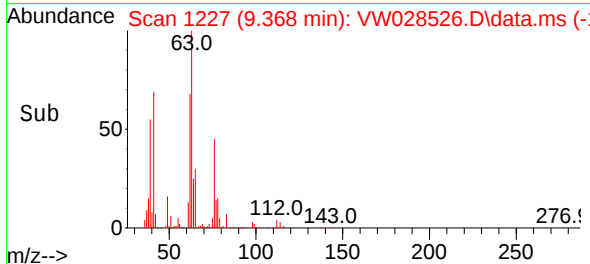
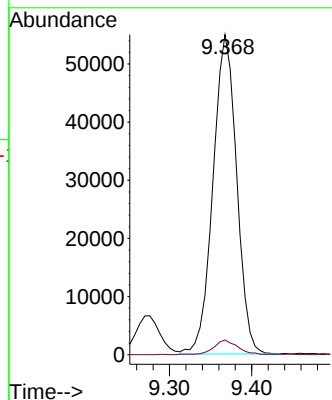
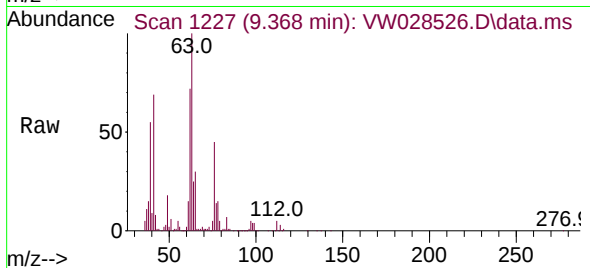
ClientSampleId :

Tgt Ion: 63 Resp: 109743

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 22.534 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

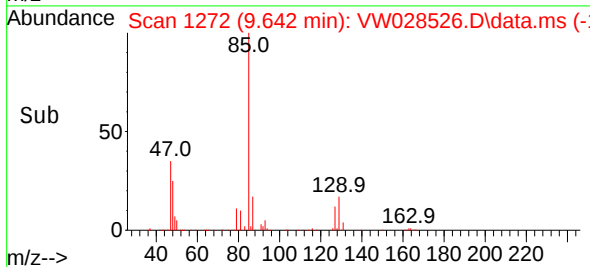
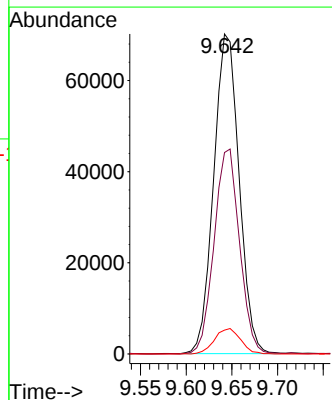
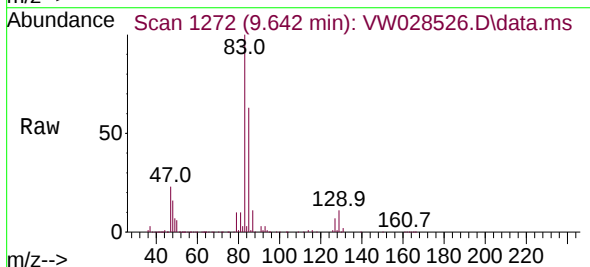
Tgt Ion: 83 Resp: 135888

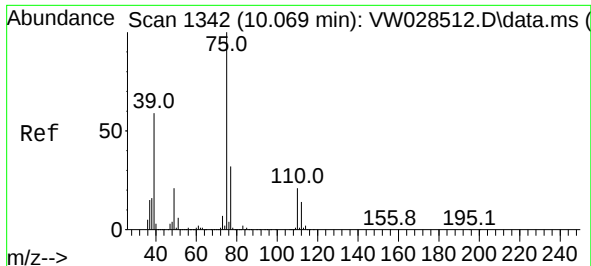
Ion Ratio Lower Upper

83 100

85 62.9 43.1 80.1

127 7.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.276 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

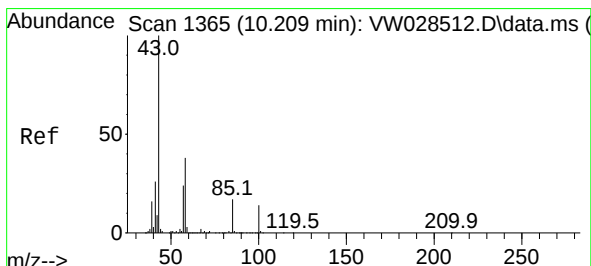
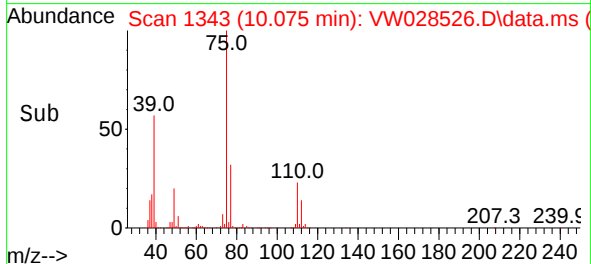
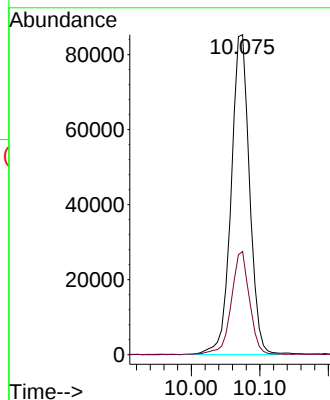
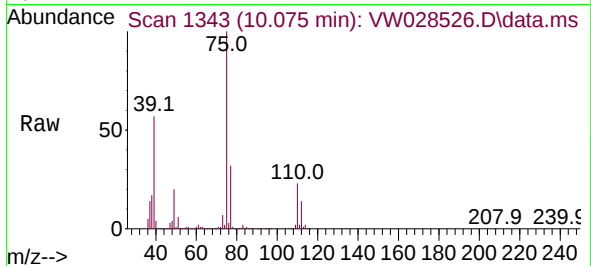
ClientSampleId :

Tgt Ion: 75 Resp: 158921

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 44.343 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

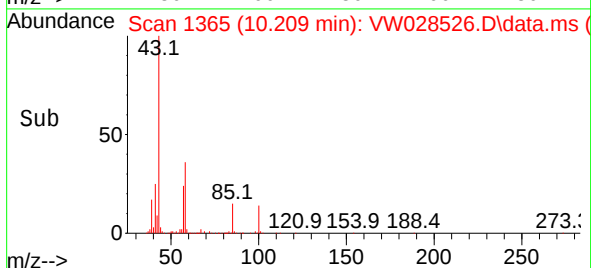
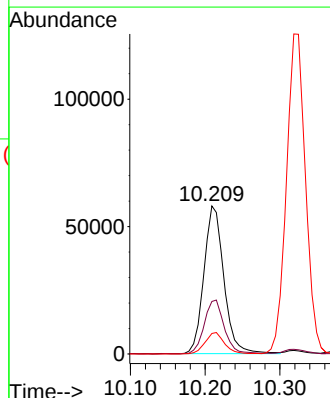
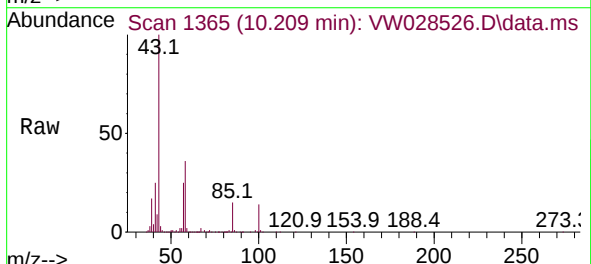
Tgt Ion: 43 Resp: 107993

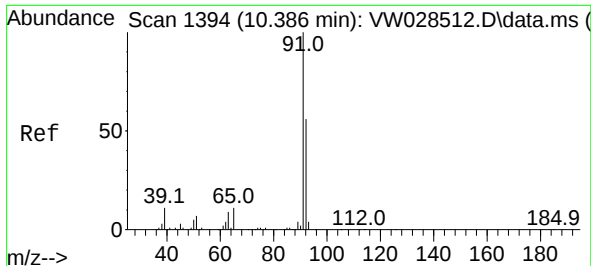
Ion Ratio Lower Upper

43 100

58 36.4 28.6 43.0

100 14.1 10.6 16.0

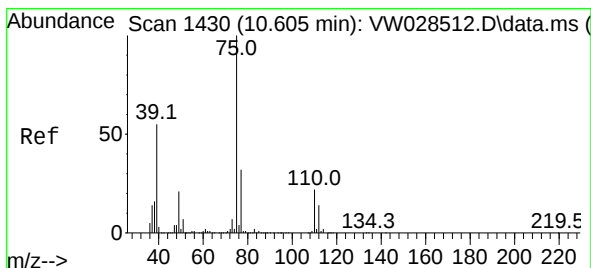
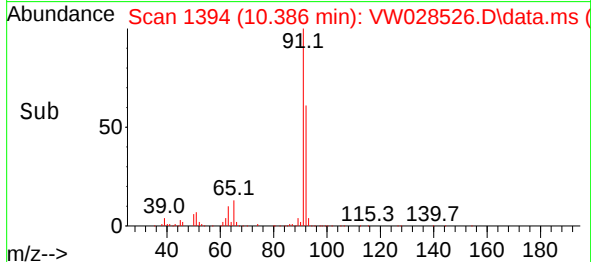
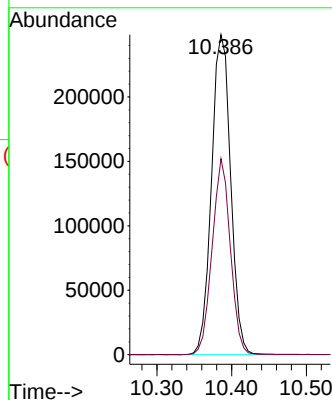
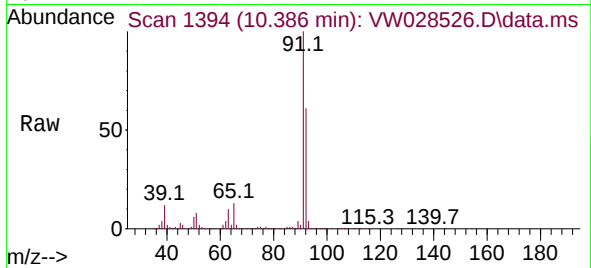




#42
Toluene
Concen: 22.365 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

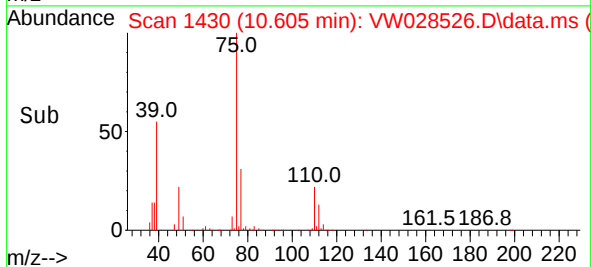
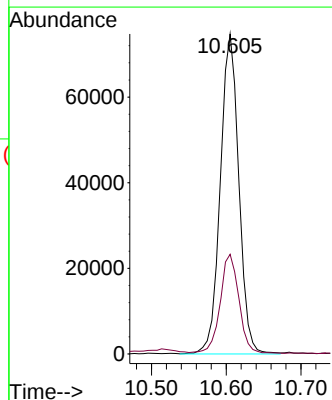
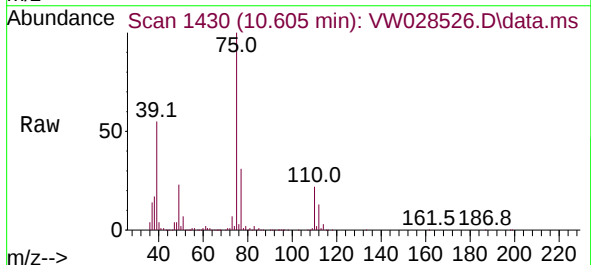
Instrument :
MSVOA_W
ClientSampleId :

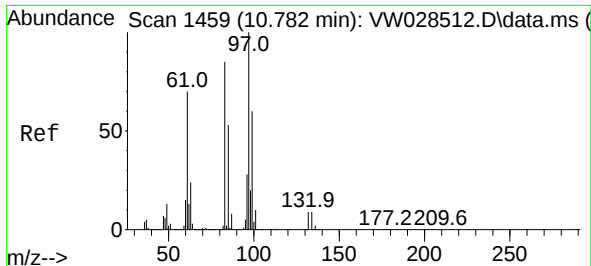
Tgt Ion: 91 Resp: 442253
Ion Ratio Lower Upper
91 100
92 61.2 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 22.332 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

Tgt Ion: 75 Resp: 128891
Ion Ratio Lower Upper
75 100
77 31.2 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 22.727 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 74805

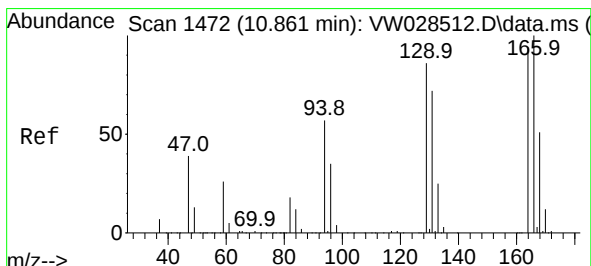
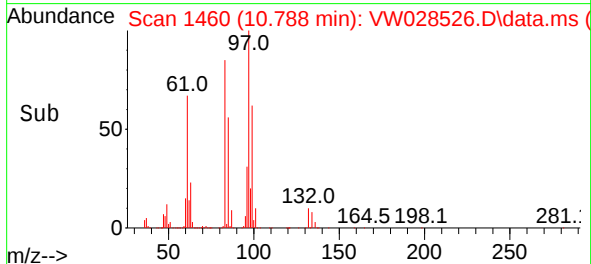
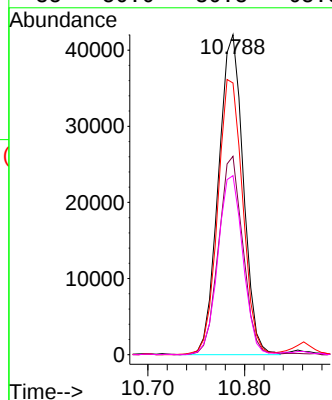
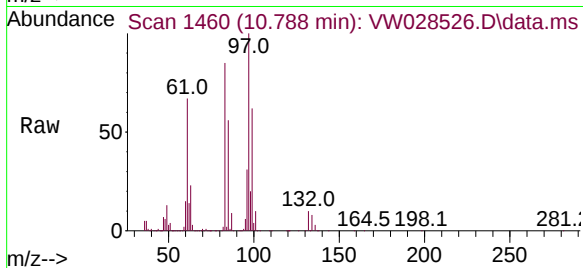
Ion Ratio Lower Upper

97 100

99 62.0 44.2 82.2

83 84.9 56.4 104.7

85 56.0 36.8 68.3



#46

Tetrachloroethene

Concen: 20.532 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Tgt Ion:164 Resp: 77578

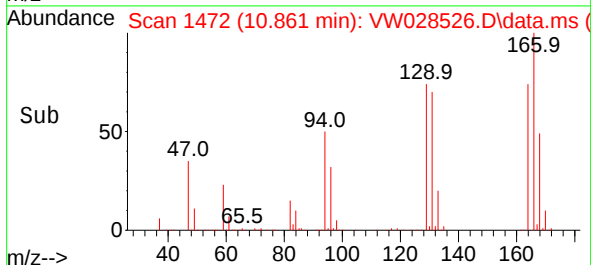
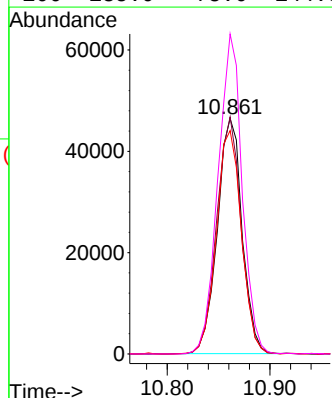
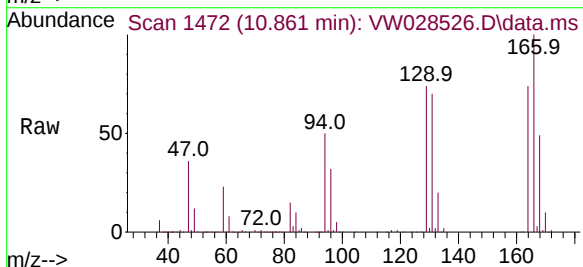
Ion Ratio Lower Upper

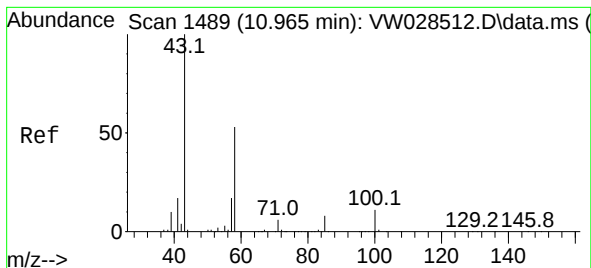
164 100

129 100.7 59.7 110.9

131 94.8 58.2 108.2

166 135.9 78.0 144.8





#48

2-Hexanone

Concen: 38.186 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

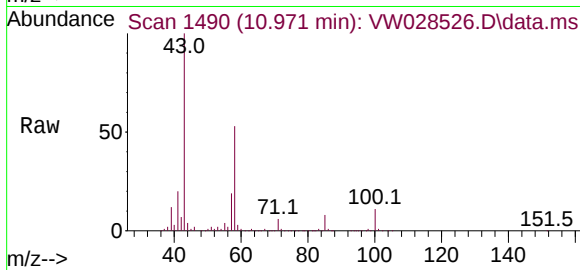
Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 73820

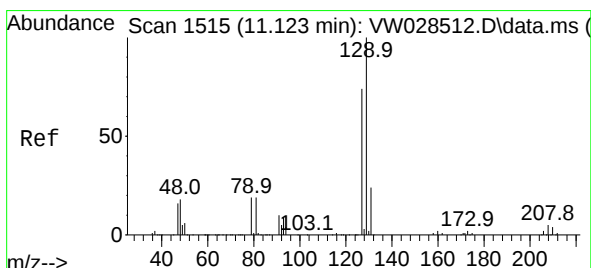
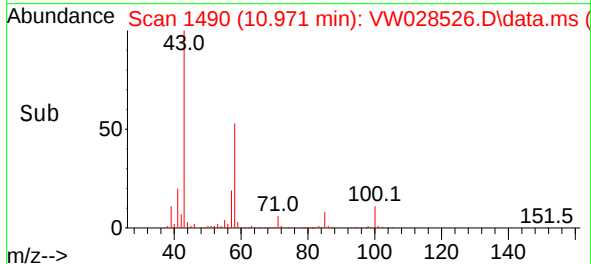
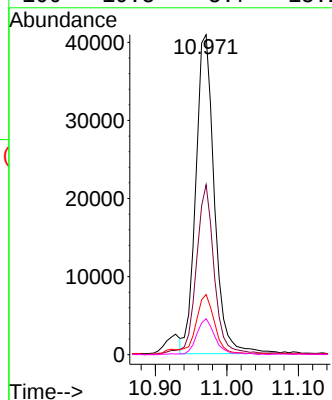
Ion Ratio Lower Upper

43 100

58 52.1 38.9 58.3

57 18.4 14.4 21.6

100 10.8 8.7 13.1



#49

Dibromochloromethane

Concen: 22.286 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028526.D

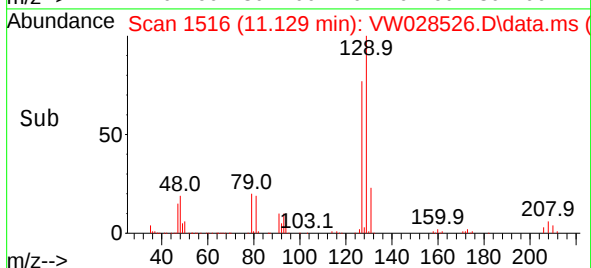
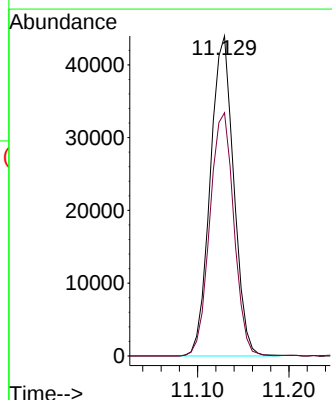
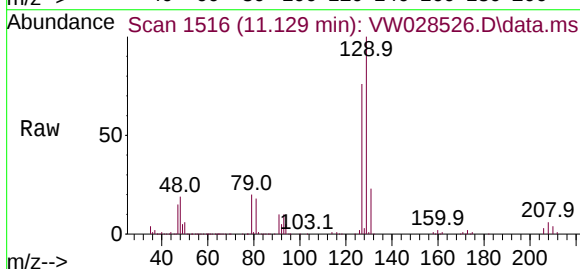
Acq: 23 Apr 2024 17:44

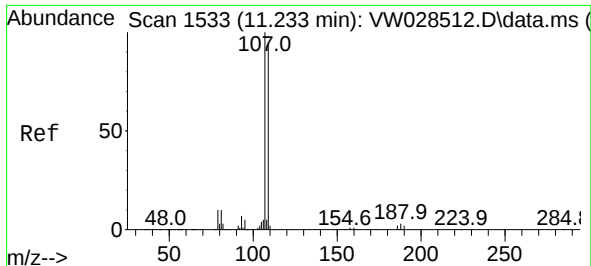
Tgt Ion: 129 Resp: 78400

Ion Ratio Lower Upper

129 100

127 76.0 53.0 98.4





#50

1,2-Dibromoethane

Concen: 22.473 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

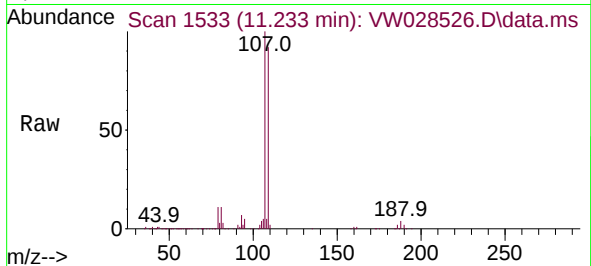
Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



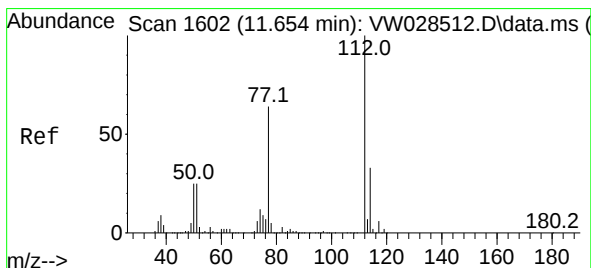
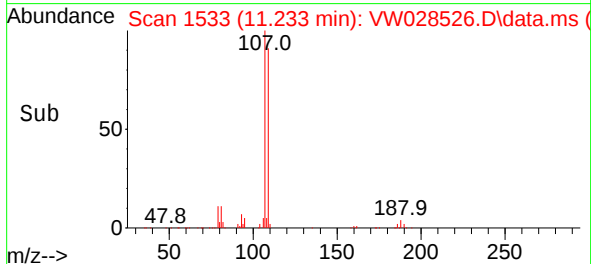
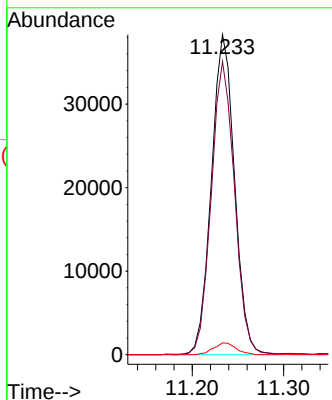
Tgt Ion:107 Resp: 67511

Ion Ratio Lower Upper

107 100

109 91.6 62.1 115.3

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 22.275 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

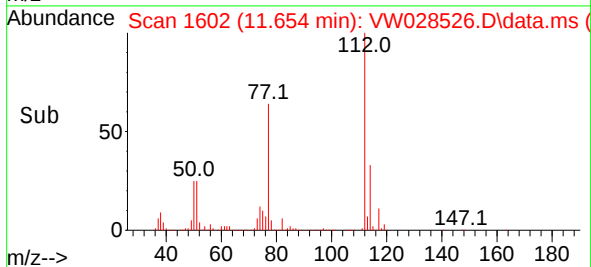
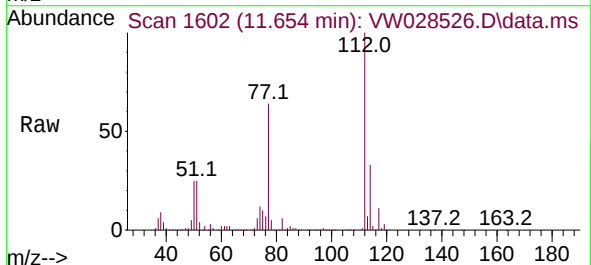
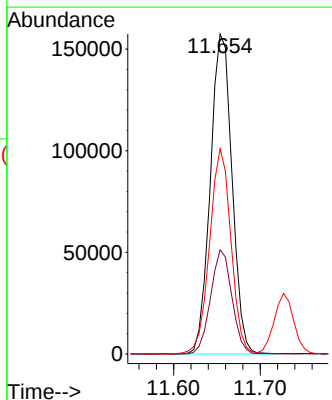
Tgt Ion:112 Resp: 273789

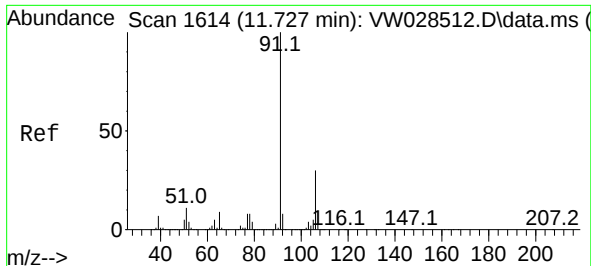
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.3

77 64.2 51.8 77.8





#52

Ethylbenzene

Concen: 22.599 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

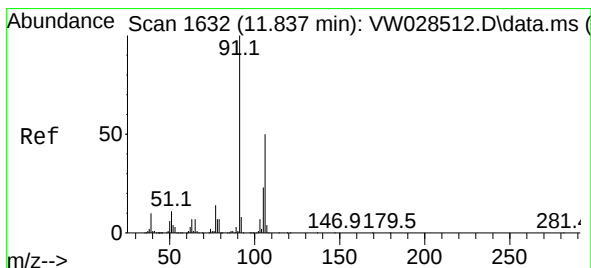
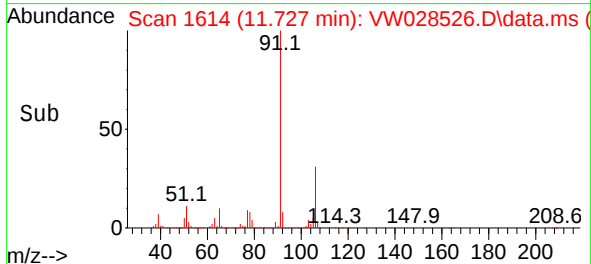
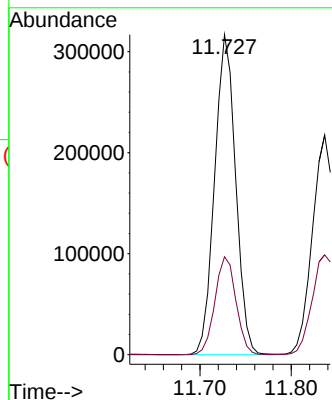
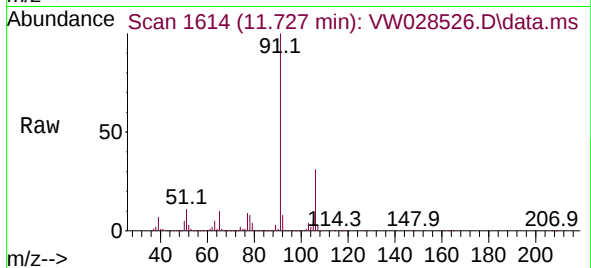
ClientSampleId :

Tgt Ion: 91 Resp: 506575

Ion Ratio Lower Upper

91 100

106 30.6 21.2 39.4



#53

m,p-Xylene

Concen: 22.196 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028526.D

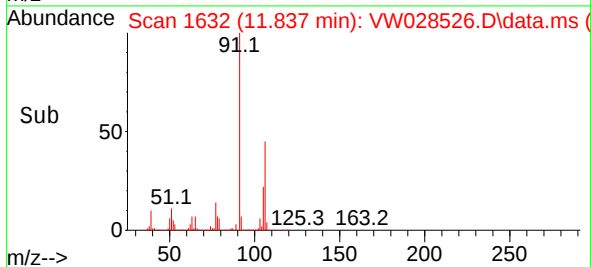
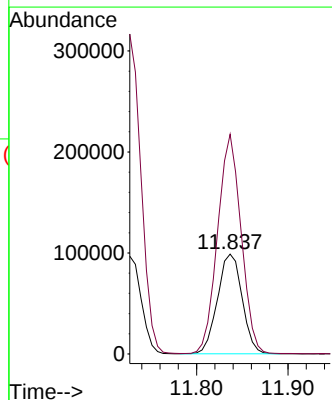
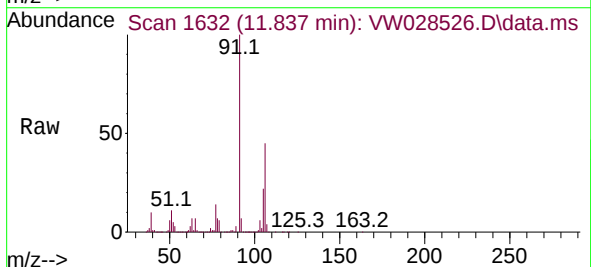
Acq: 23 Apr 2024 17:44

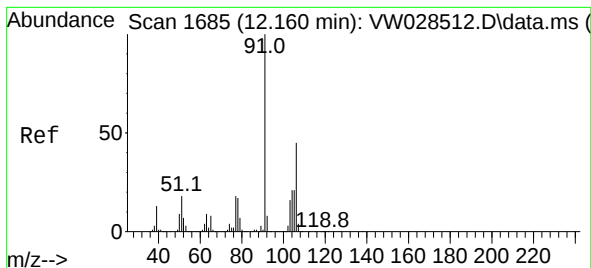
Tgt Ion:106 Resp: 185024

Ion Ratio Lower Upper

106 100

91 220.0 152.4 283.0





#54

o-Xylene

Concen: 22.728 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

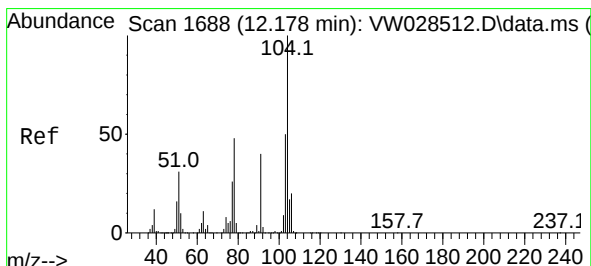
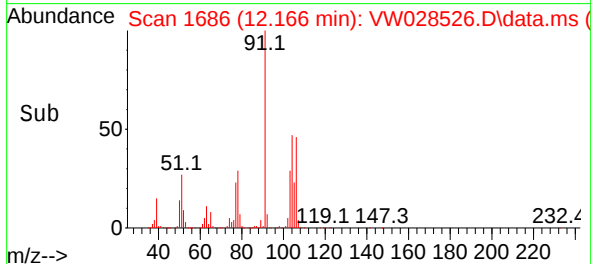
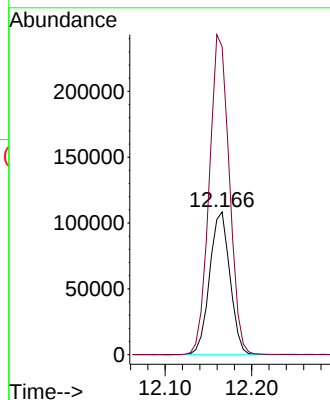
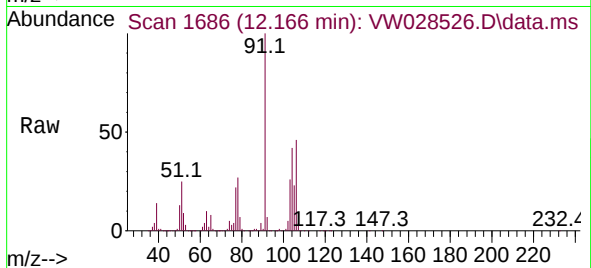
ClientSampleId :

Tgt Ion:106 Resp: 176407

Ion Ratio Lower Upper

106 100

91 215.9 152.9 283.9



#55

Styrene

Concen: 23.159 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028526.D

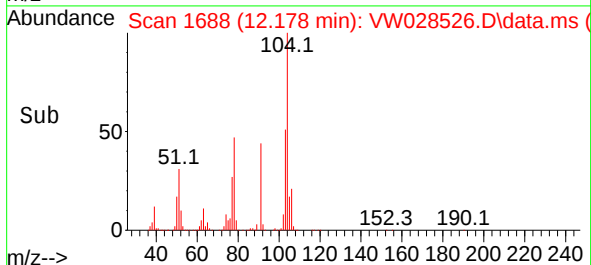
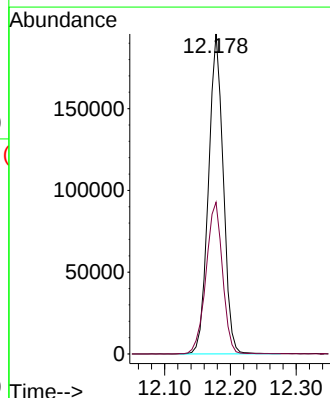
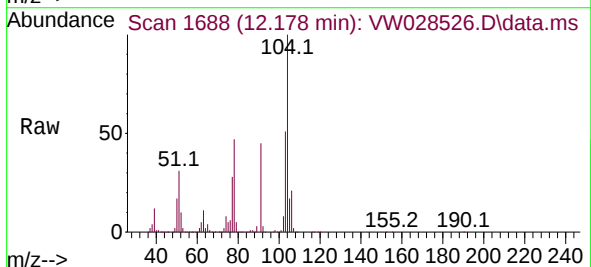
Acq: 23 Apr 2024 17:44

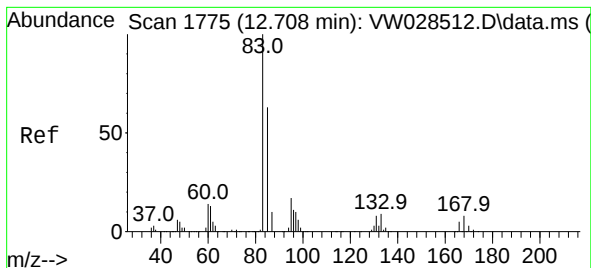
Tgt Ion:104 Resp: 305934

Ion Ratio Lower Upper

104 100

78 47.4 33.8 62.8

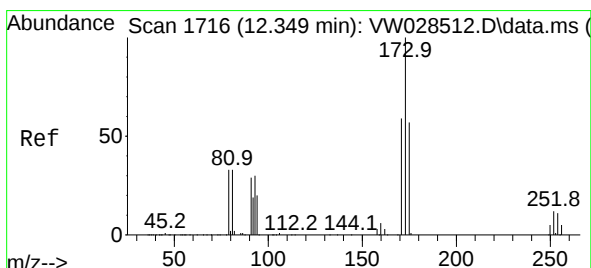
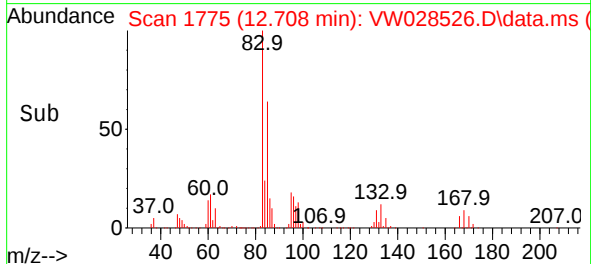
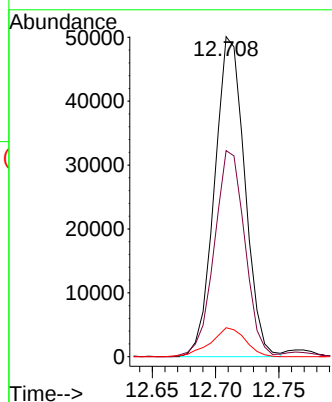
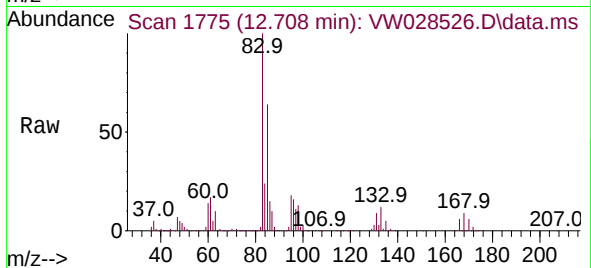




#57
1,1,2-Tetrachloroethane
Concen: 22.297 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

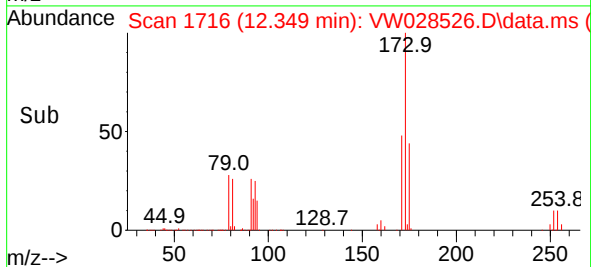
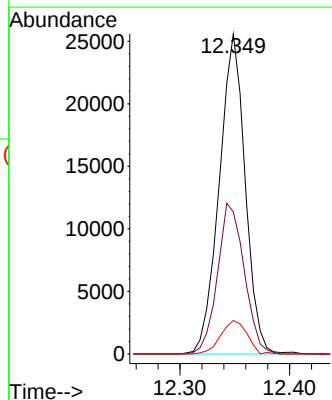
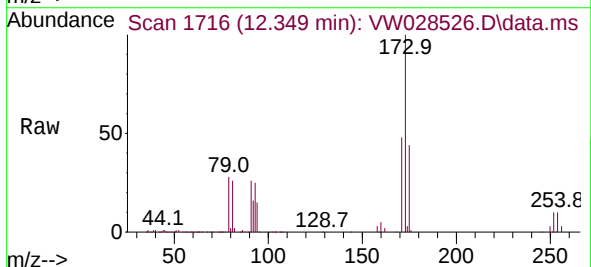
Instrument :
MSVOA_W
ClientSampleId :

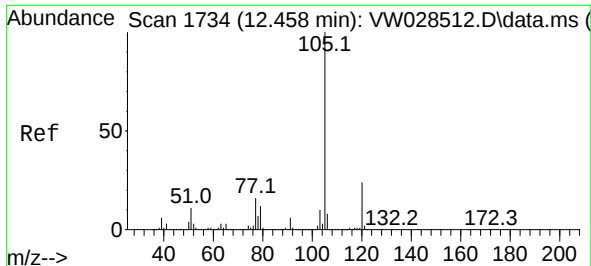
Tgt Ion: 83 Resp: 83054
Ion Ratio Lower Upper
83 100
85 64.4 43.4 80.6
131 9.1 8.0 12.0



#59
Bromoform
Concen: 22.785 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

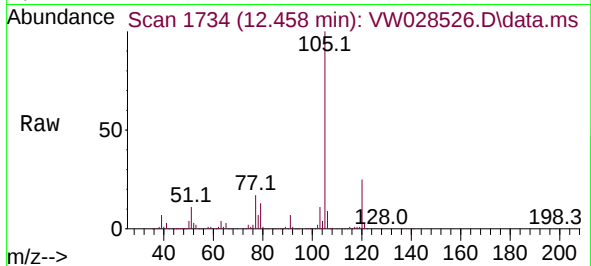
Tgt Ion:173 Resp: 42021
Ion Ratio Lower Upper
173 100
175 48.5 39.2 58.8
254 10.4 8.3 12.5



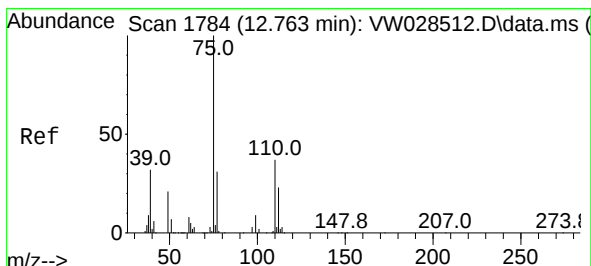
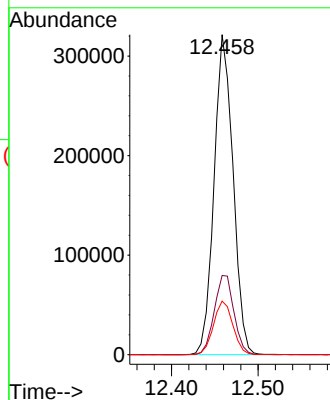
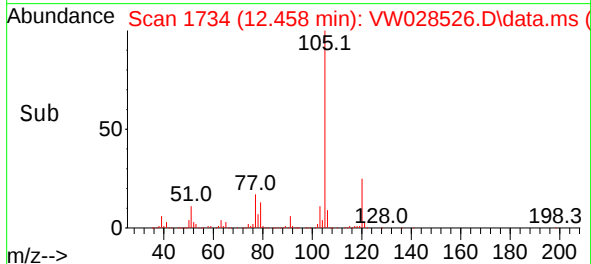


#60
Isopropylbenzene
Concen: 23.362 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44

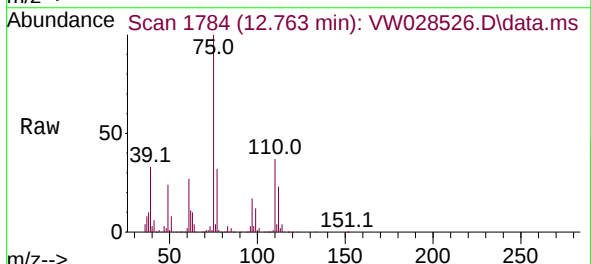
Instrument :
MSVOA_W
ClientSampleId :



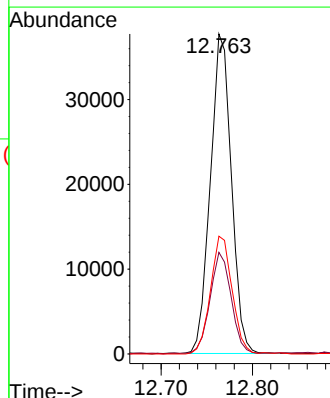
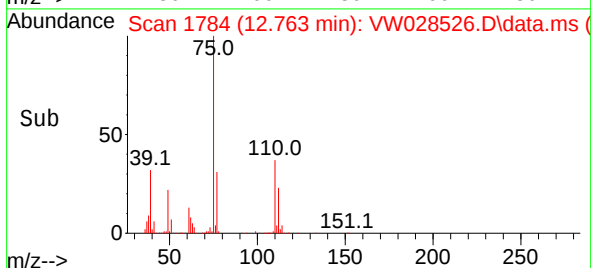
Tgt Ion:105 Resp: 489330
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 17.1 13.4 20.2

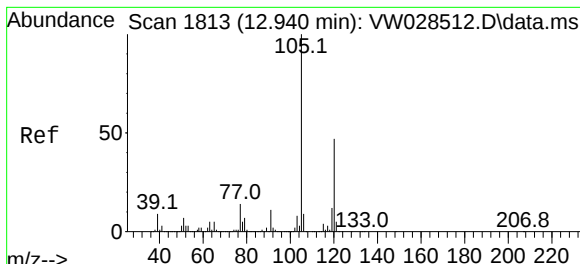


#61
1,2,3-Trichloropropane
Concen: 23.531 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028526.D
Acq: 23 Apr 2024 17:44



Tgt Ion: 75 Resp: 60108
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
110 37.9 30.6 46.0

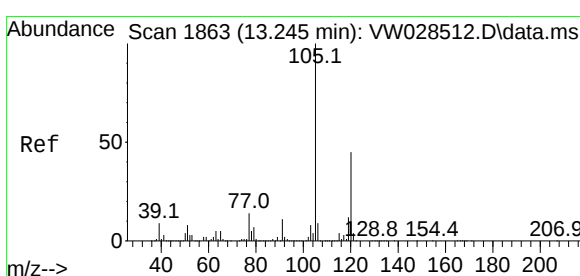
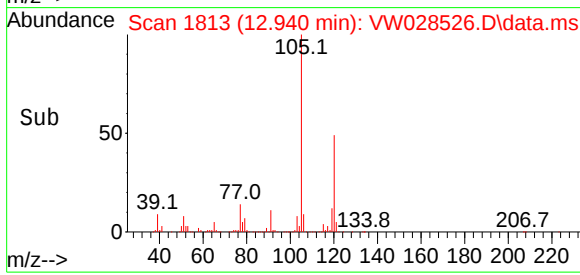
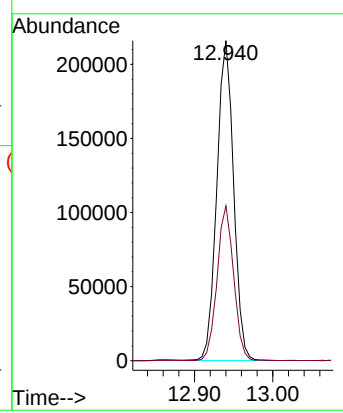
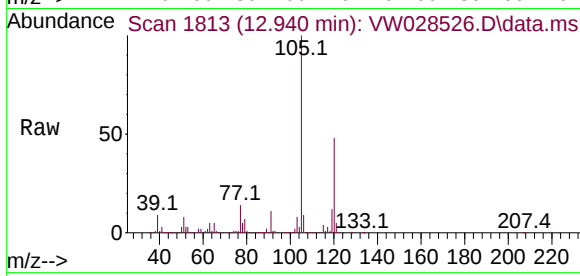




#62
 1,3,5-Trimethylbenzene
 Concen: 24.053 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW028526.D
 Acq: 23 Apr 2024 17:44

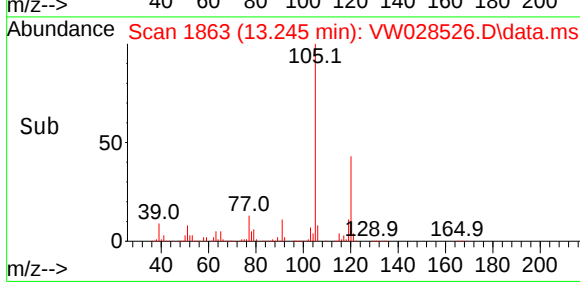
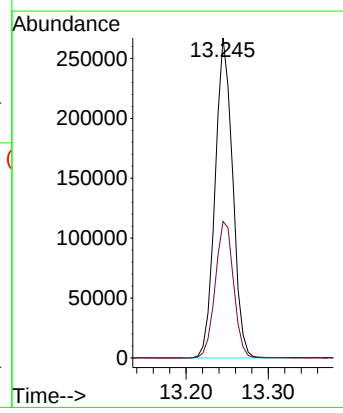
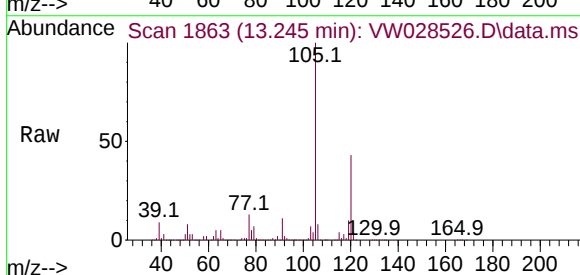
Instrument :
 MSVOA_W
 ClientSampleId :

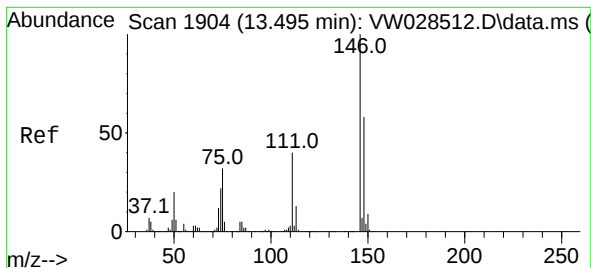
Tgt Ion:105 Resp: 321113
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.662 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028526.D
 Acq: 23 Apr 2024 17:44

Tgt Ion:105 Resp: 396230
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 23.471 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

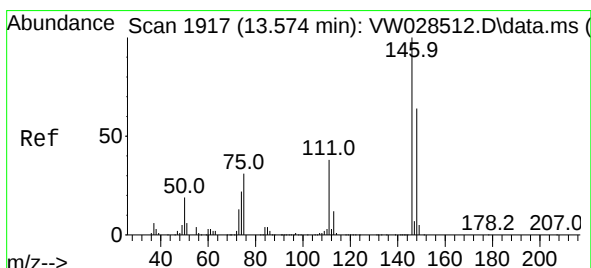
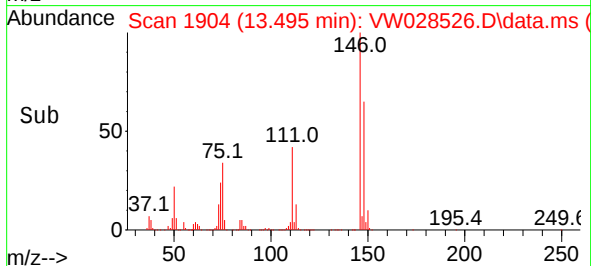
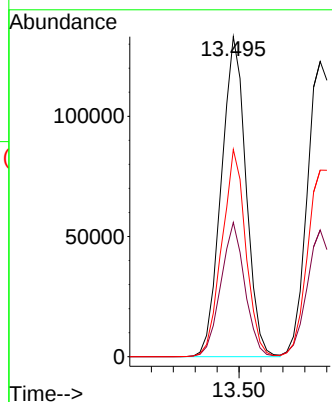
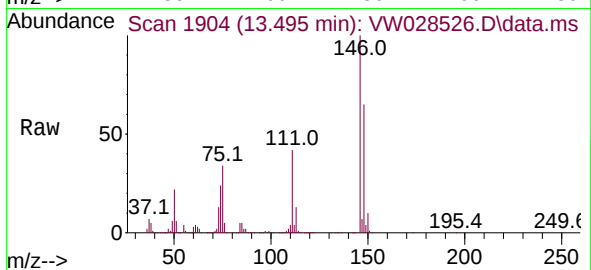
Tgt Ion:146 Resp: 208603

Ion Ratio Lower Upper

146 100

111 42.0 29.8 55.3

148 64.7 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 22.793 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

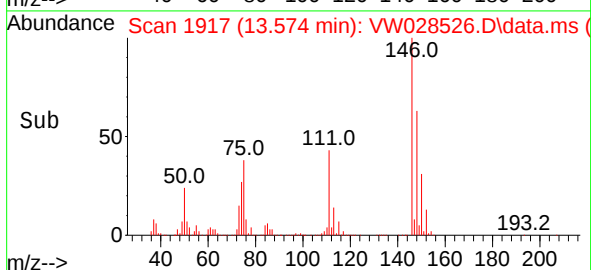
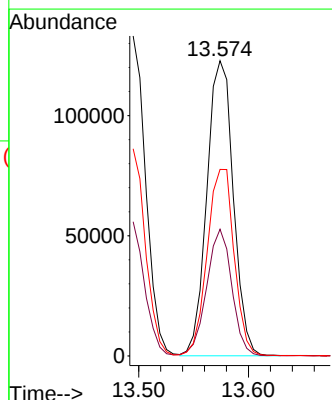
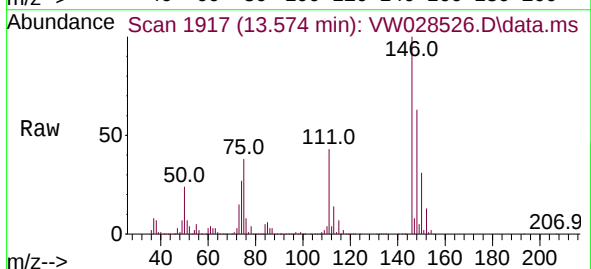
Tgt Ion:146 Resp: 206067

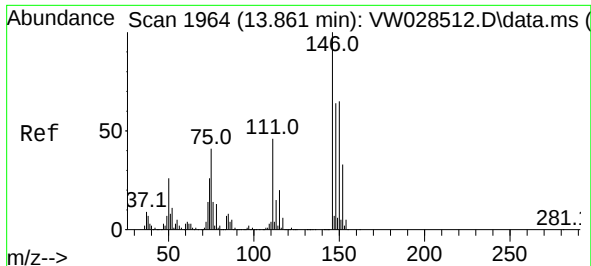
Ion Ratio Lower Upper

146 100

111 42.9 30.3 56.3

148 63.2 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 23.452 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

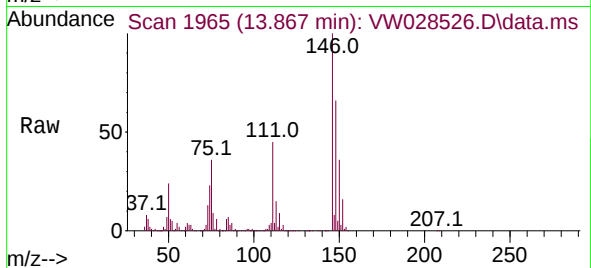
Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



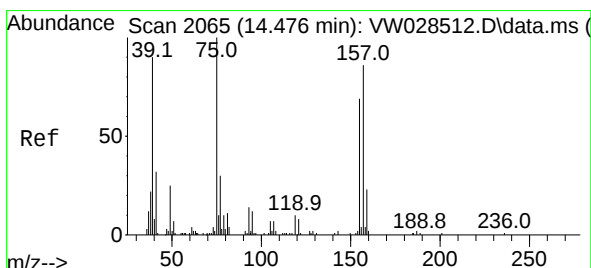
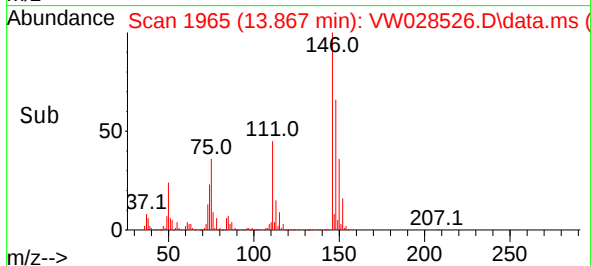
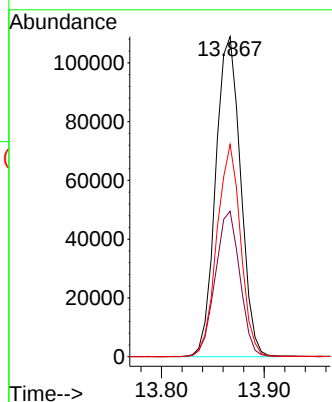
Tgt Ion:146 Resp: 183343

Ion Ratio Lower Upper

146 100

111 45.5 31.4 47.2

148 66.4 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 20.696 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

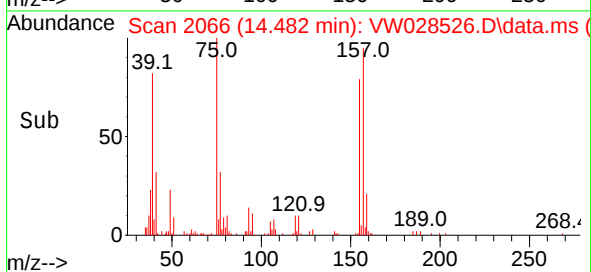
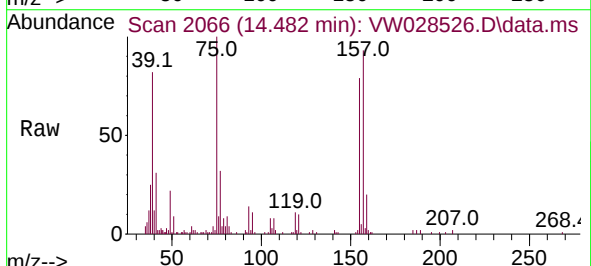
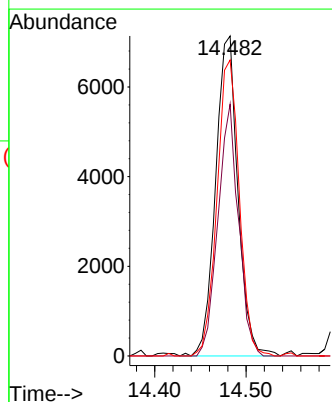
Tgt Ion: 75 Resp: 12114

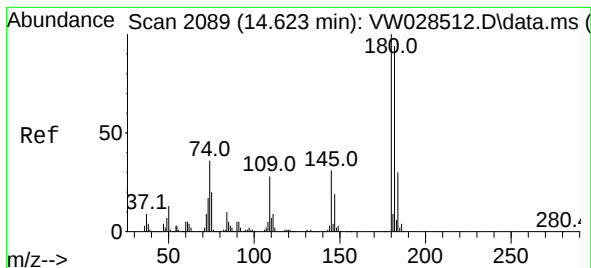
Ion Ratio Lower Upper

75 100

155 78.7 61.2 91.8

157 92.5 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 21.682 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

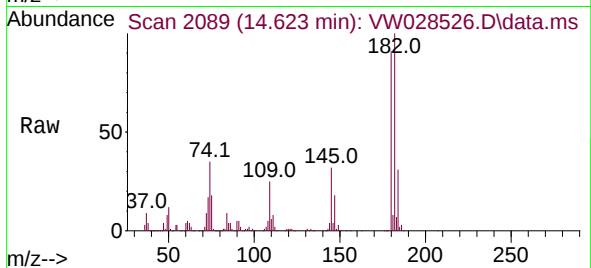
Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 132605

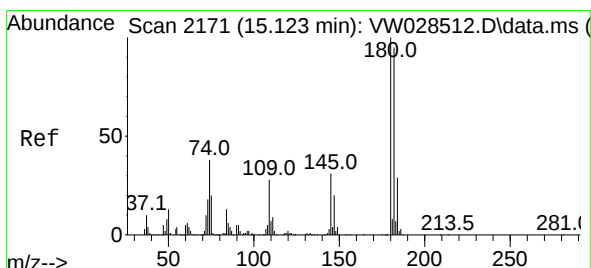
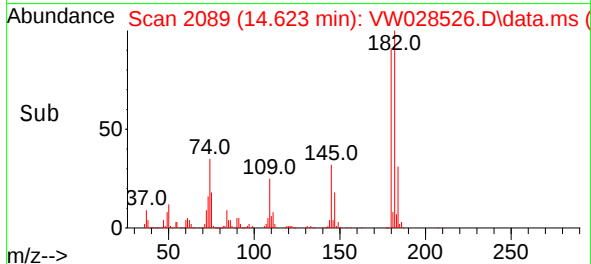
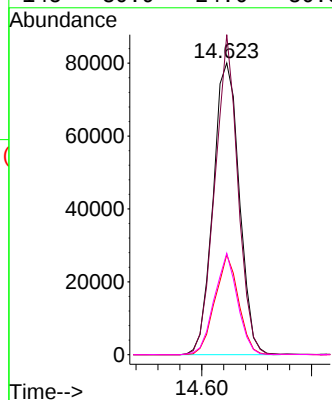
Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

184 30.8 24.8 37.2

145 30.9 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.314 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

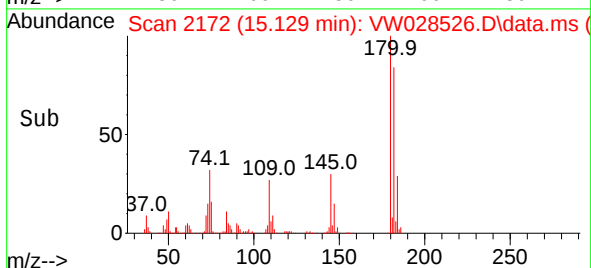
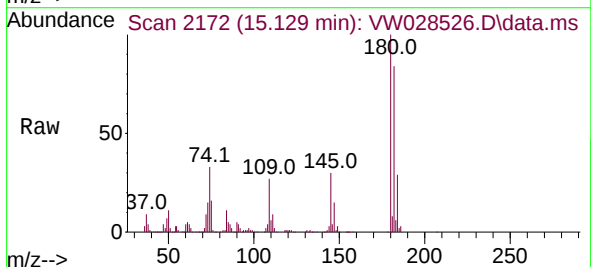
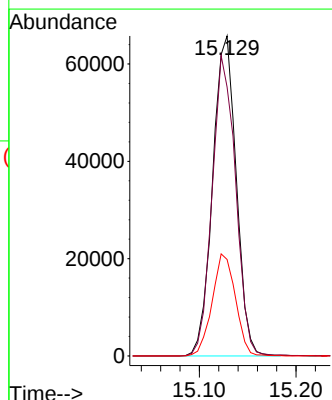
Tgt Ion:180 Resp: 111344

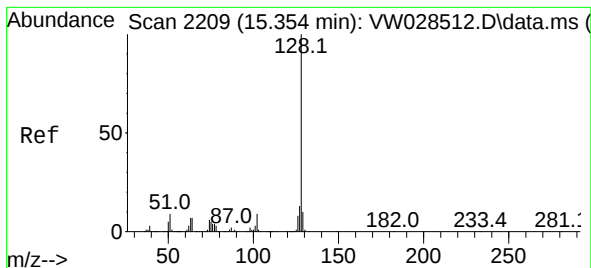
Ion Ratio Lower Upper

180 100

182 93.1 71.5 107.3

145 31.5 23.5 35.3





#71

Naphthalene

Concen: 23.277 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

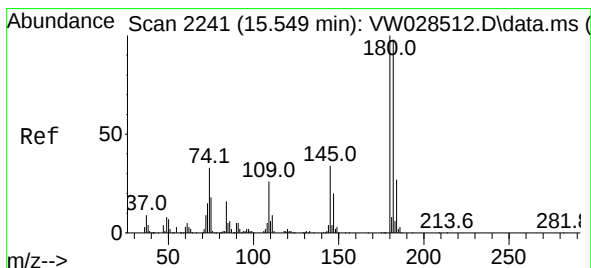
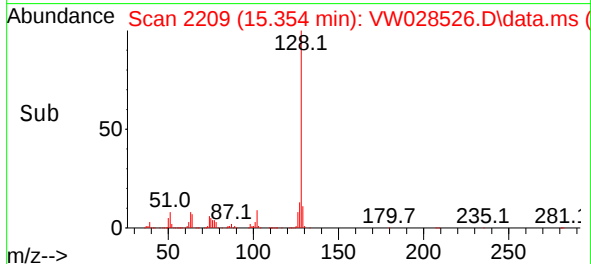
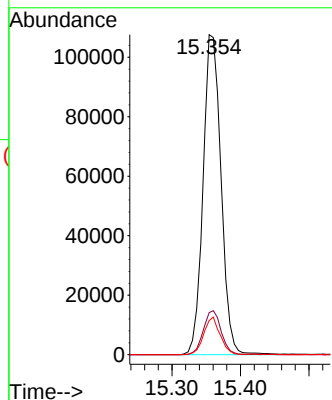
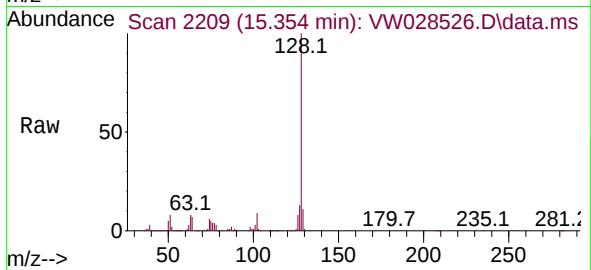
Tgt Ion:128 Resp: 196744

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 22.559 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028526.D

Acq: 23 Apr 2024 17:44

Tgt Ion:180 Resp: 95607

Ion Ratio Lower Upper

180 100

182 93.0 75.7 113.5

145 33.2 26.2 39.4

