

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060524\
 Data File : VW029022.D
 Acq On : 05 Jun 2024 15:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 05 23:53:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 23:49:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	316853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	118270	23.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.000%
7) Chloroethane-d5	2.899	69	91904	23.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
11) 1,1-Dichloroethene-d2	4.021	65	52015	23.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.040%
21) 2-Butanone-d5	7.075	46	45086	43.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.680%
24) Chloroform-d	7.648	84	216566	23.958	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.300	65	111742	23.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.920%
32) Benzene-d6	8.276	84	438397	24.806	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	9.270	67	133067	24.833	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.318	98	396593	25.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	10.574	79	48453	23.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.922	63	32183	45.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86136	23.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	119837	23.890	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67421	18.634	ug/L	94
3) Chloromethane	2.222	50	100566	22.751	ug/L	99
5) Vinyl chloride	2.375	62	117344	21.931	ug/L	99
6) Bromomethane	2.789	94	74181	23.139	ug/L	95
8) Chloroethane	2.936	64	75570	23.387	ug/L	98
9) Trichlorofluoromethane	3.265	101	89010	20.013	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	97193	22.147	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	95153	23.758	ug/L	96
13) Acetone	4.118	43	49998	46.390	ug/L	99
14) Carbon disulfide	4.393	76	310868	22.926	ug/L	100
15) Methyl Acetate	4.667	43	39632	22.140	ug/L	99
16) Methylene chloride	4.923	84	108900	22.900	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	104450	23.919	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	137178	22.528	ug/L	99
19) 1,1-Dichloroethane	6.216	63	207916	24.218	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	111330	24.319	ug/L	93
22) 2-Butanone	7.167	43	57816	44.518	ug/L	99
23) Bromochloromethane	7.514	128	47300	23.669	ug/L	95
25) Chloroform	7.673	83	201776	24.198	ug/L	98

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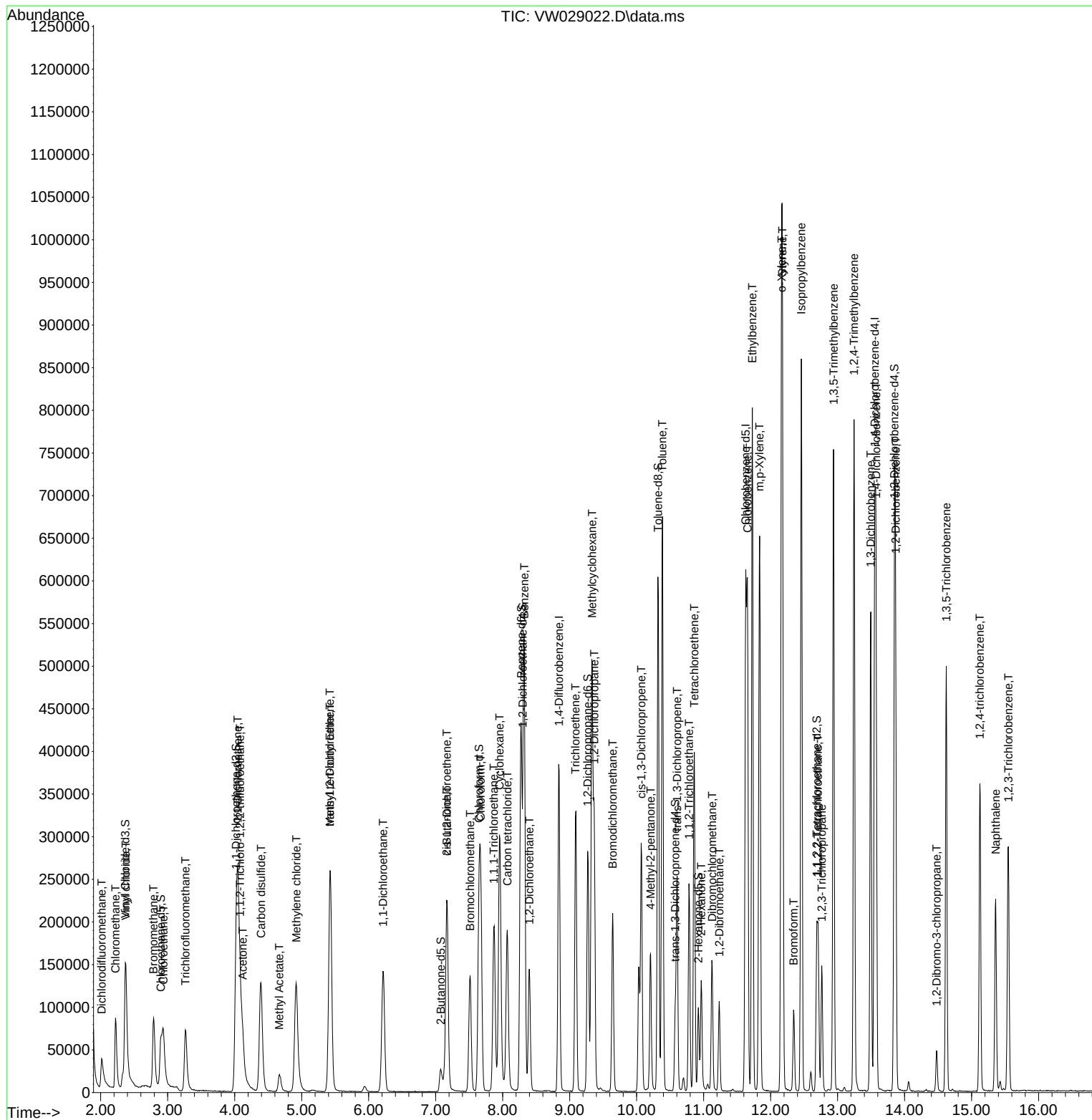
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132983	23.798	ug/L	99
29) Cyclohexane	7.953	56	176594	24.667	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	160661	24.081	ug/L	99
31) Carbon tetrachloride	8.069	117	144191	23.727	ug/L	95
33) Benzene	8.325	78	456919	25.520	ug/L	100
34) Trichloroethene	9.087	95	116846	24.823	ug/L	96
35) Methylcyclohexane	9.337	83	194774	24.392	ug/L	99
37) 1,2-Dichloropropane	9.367	63	117019	24.958	ug/L	100
38) Bromodichloromethane	9.642	83	139110	24.328	ug/L #	98
39) cis-1,3-Dichloropropene	10.068	75	169456	24.869	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	110863	46.487	ug/L	98
42) Toluene	10.386	91	475666	26.006	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	131739	23.982	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	71811	22.678	ug/L	95
46) Tetrachloroethene	10.861	164	86976	24.320	ug/L	88
48) 2-Hexanone	10.965	43	82005	45.864	ug/L	99
49) Dibromochloromethane	11.129	129	79089	23.647	ug/L	90
50) 1,2-Dibromoethane	11.233	107	67721	23.428	ug/L	98
51) Chlorobenzene	11.654	112	294998	25.107	ug/L	95
52) Ethylbenzene	11.727	91	540490	26.008	ug/L	99
53) m,p-Xylene	11.836	106	199439	25.910	ug/L	97
54) o-Xylene	12.166	106	186929	26.227	ug/L	94
55) Styrene	12.178	104	315446	25.671	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	82872	23.183	ug/L	99
59) Bromoform	12.342	173	41016	22.565	ug/L	98
60) Isopropylbenzene	12.458	105	530242	26.505	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59935	22.478	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	383350	26.347	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	408545	26.568	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	218363	25.400	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	213379	23.765	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	189380	24.578	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12159	21.395	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	145351	24.624	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	105863	22.128	ug/L	94
71) Naphthalene	15.360	128	184815	22.674	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	96055	23.500	ug/L	98

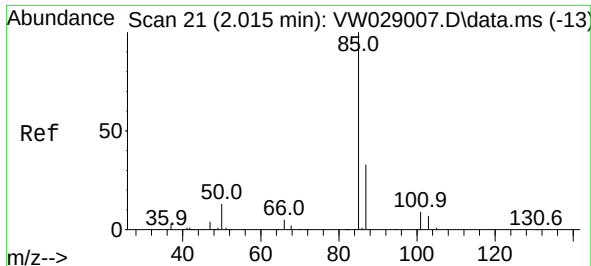
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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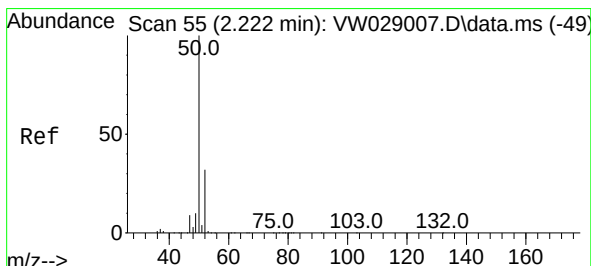
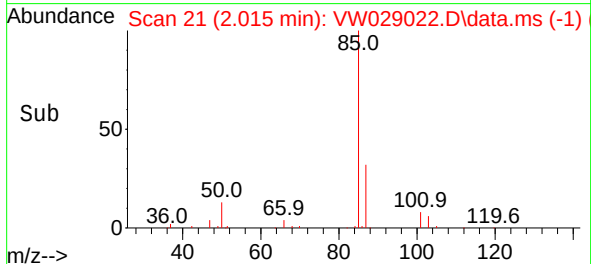
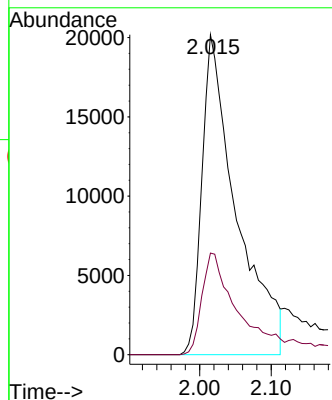
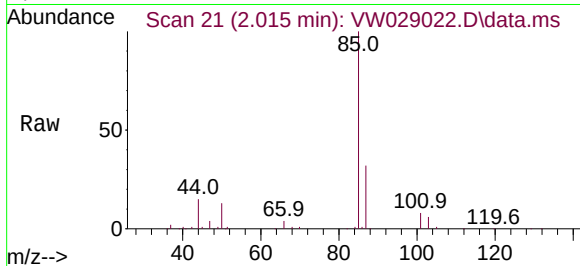




#2
 Dichlorodifluoromethane
 Concen: 18.634 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029022.D
 Acq: 05 Jun 2024 15:36

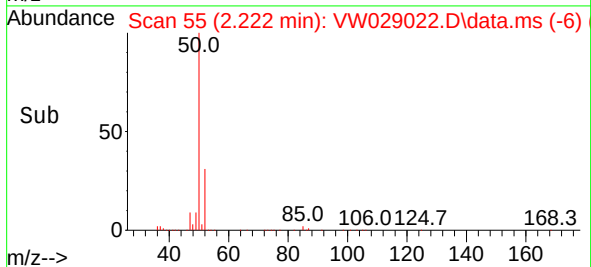
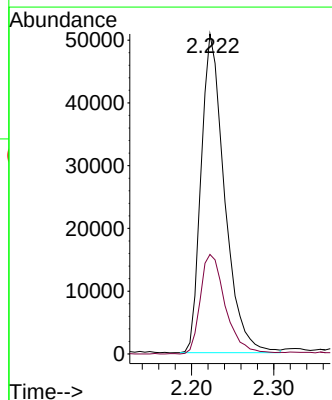
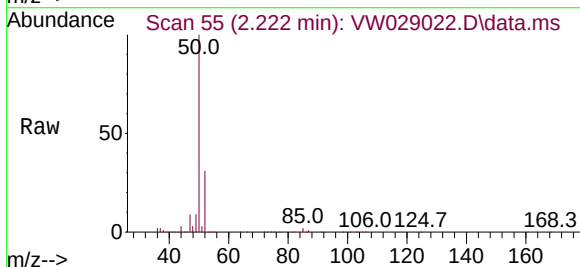
Instrument :
 MSVOA_W
 ClientSampleId :

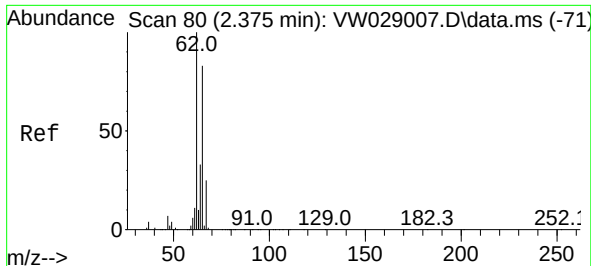
Tgt Ion: 85 Resp: 67421
 Ion Ratio Lower Upper
 85 100
 87 28.1 25.3 37.9



#3
 Chloromethane
 Concen: 22.751 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029022.D
 Acq: 05 Jun 2024 15:36

Tgt Ion: 50 Resp: 100566
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.1 41.1

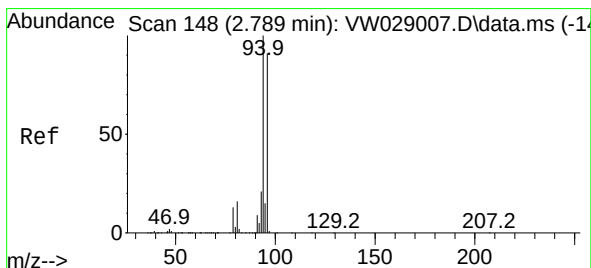
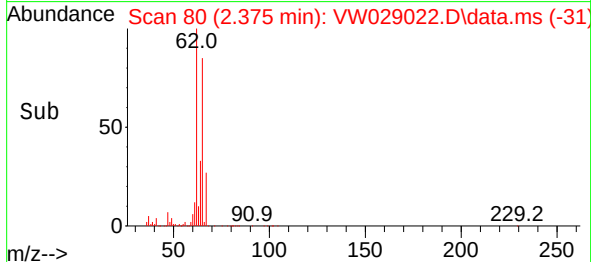
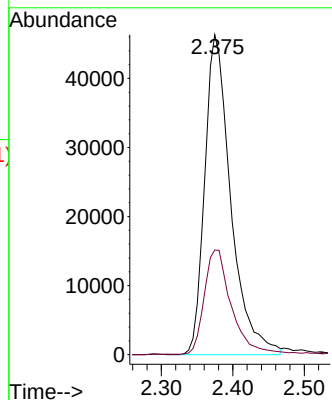
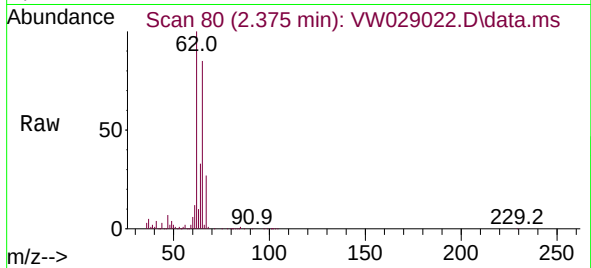




#5
 Vinyl chloride
 Concen: 21.931 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029022.D
 Acq: 05 Jun 2024 15:36

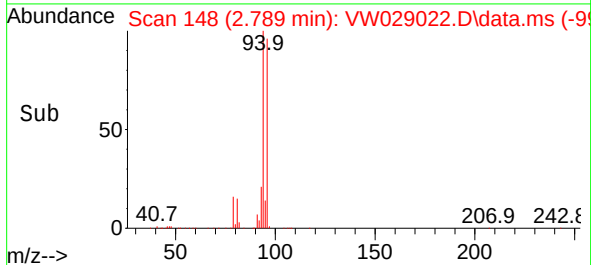
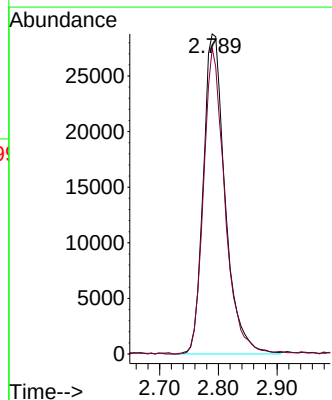
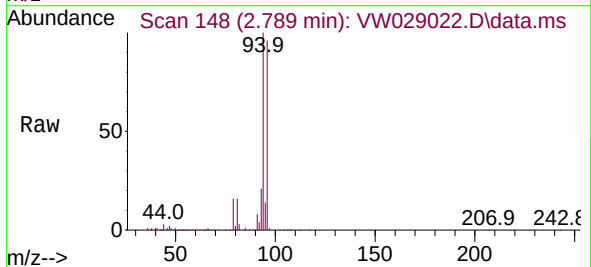
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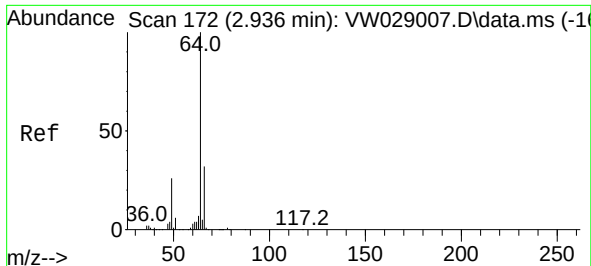
Tgt Ion: 62 Resp: 117344
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 23.139 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029022.D
 Acq: 05 Jun 2024 15:36

Tgt Ion: 94 Resp: 74181
 Ion Ratio Lower Upper
 94 100
 96 95.6 63.7 118.3

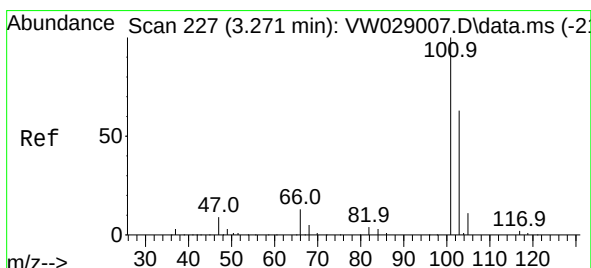
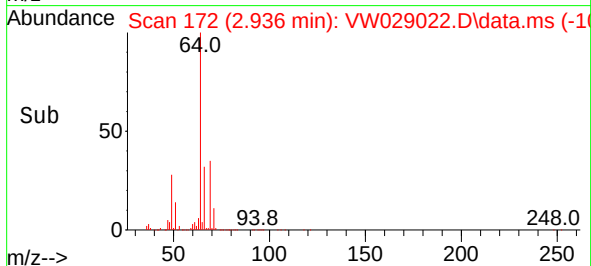
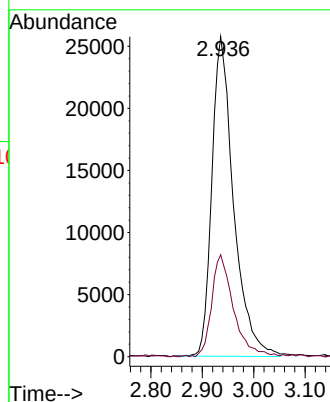
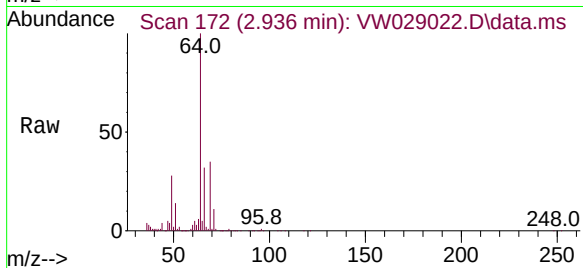




#8
Chloroethane
Concen: 23.387 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

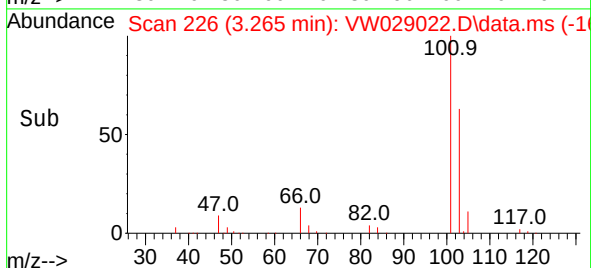
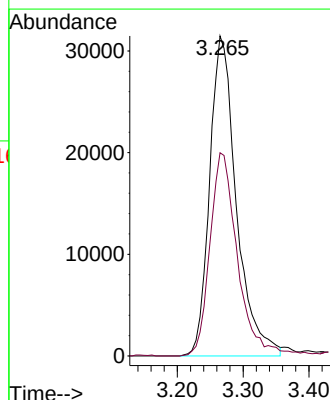
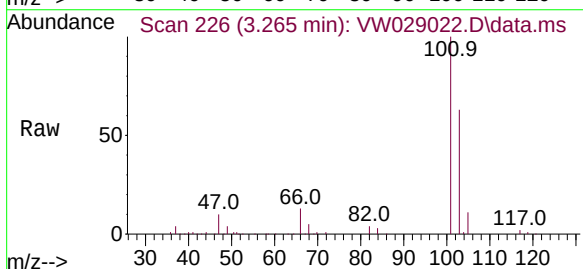
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ClientSampleId :

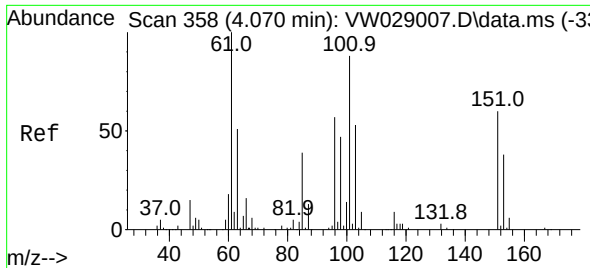
Tgt Ion: 64 Resp: 75570
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.013 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion:101 Resp: 89010
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9

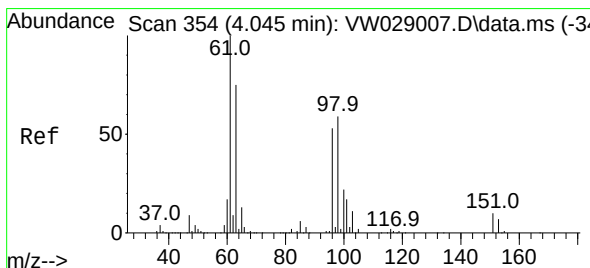
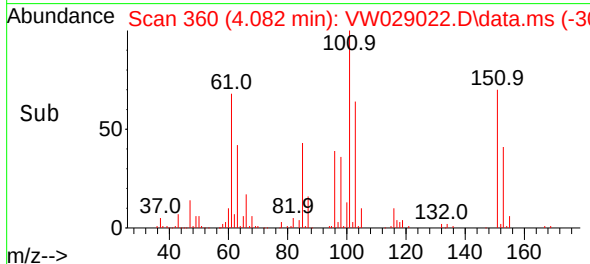
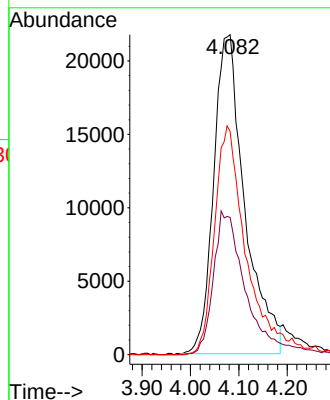
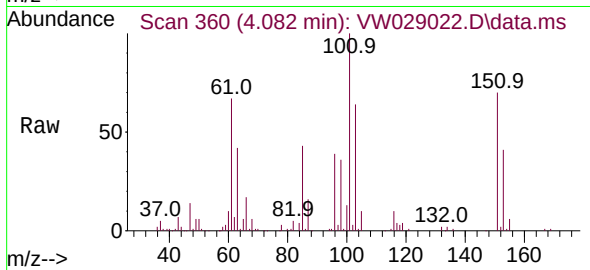




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.147 ug/L
RT: 4.082 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

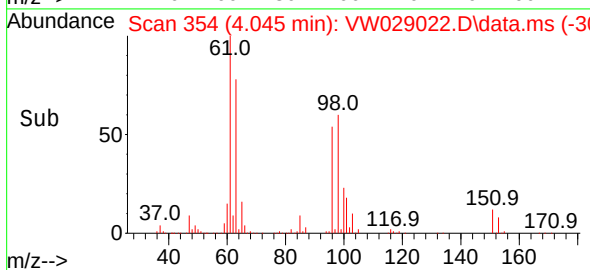
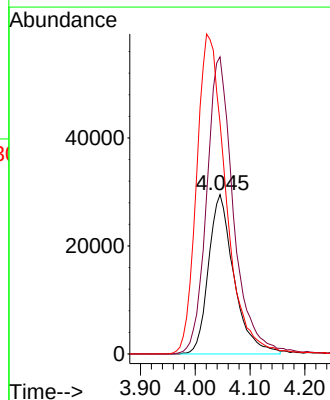
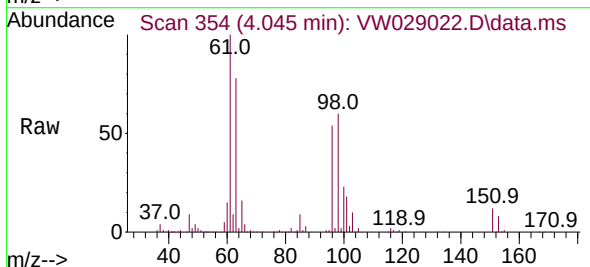
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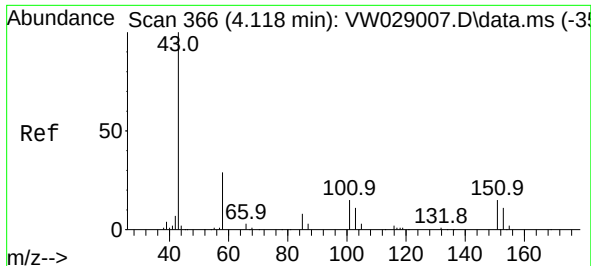
Tgt Ion:101 Resp: 97193
Ion Ratio Lower Upper
101 100
85 16.8 35.8 53.8#
151 69.6 58.5 87.7



#12
1,1-Dichloroethene
Concen: 23.758 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion: 96 Resp: 95153
Ion Ratio Lower Upper
96 100
61 186.5 132.2 245.4
63 145.1 108.4 201.2

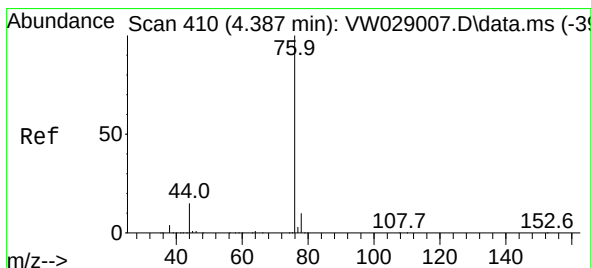
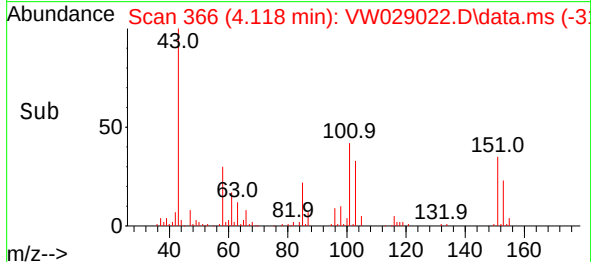
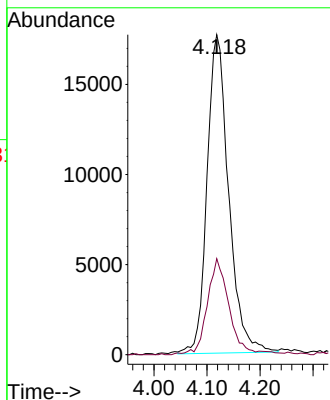
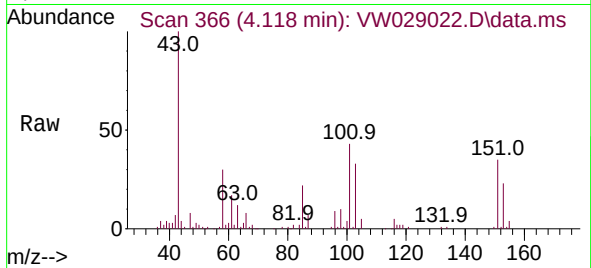




#13
Acetone
Concen: 46.390 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

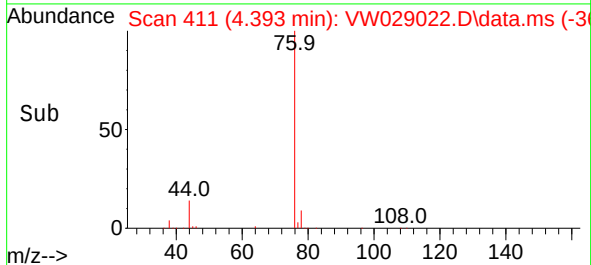
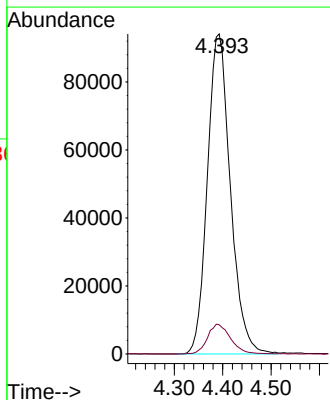
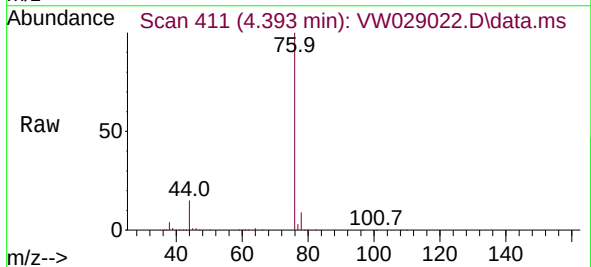
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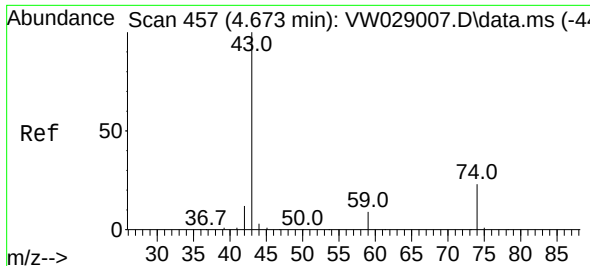
Tgt Ion: 43 Resp: 49998
Ion Ratio Lower Upper
43 100
58 29.0 0.0 59.4



#14
Carbon disulfide
Concen: 22.926 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion: 76 Resp: 310868
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 22.140 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

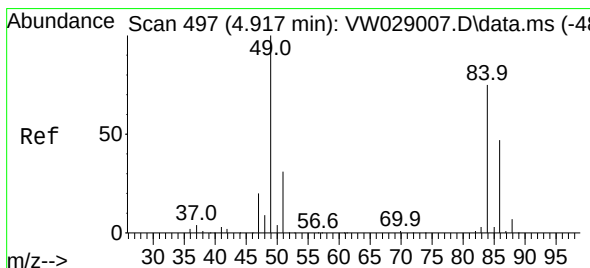
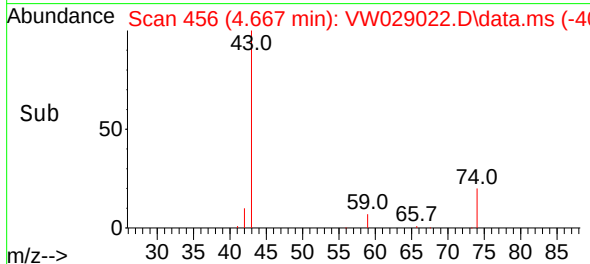
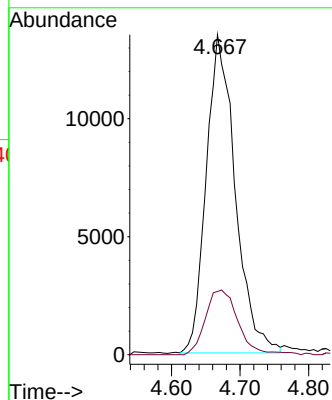
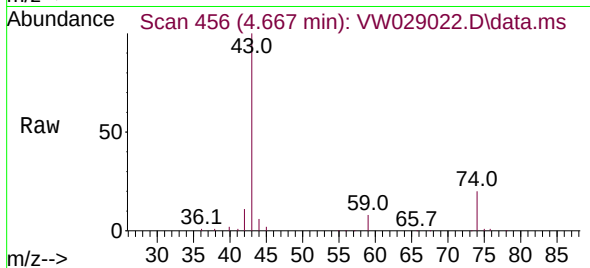
ClientSampleId :

Tgt Ion: 43 Resp: 39632

Ion Ratio Lower Upper

43 100

74 22.3 17.4 26.2



#16

Methylene chloride

Concen: 22.900 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

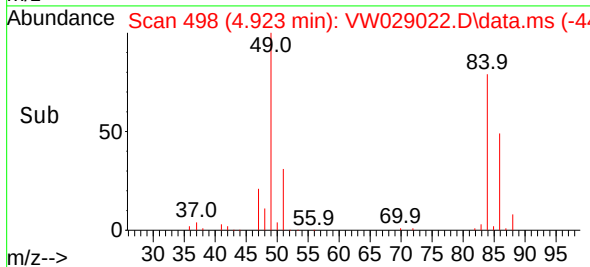
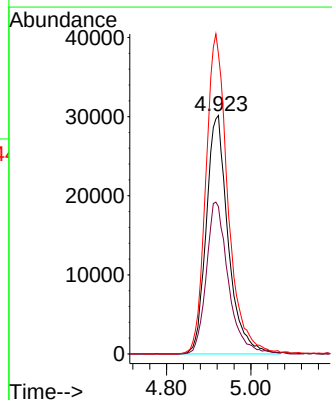
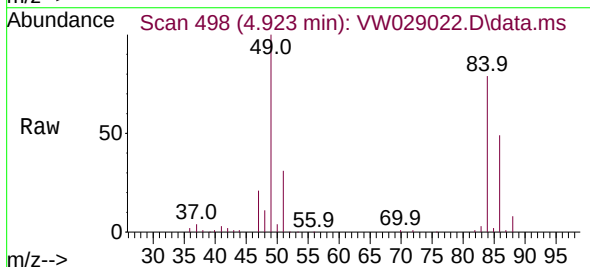
Tgt Ion: 84 Resp: 108900

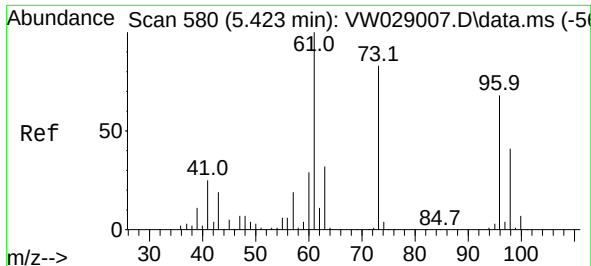
Ion Ratio Lower Upper

84 100

86 61.8 43.8 81.4

49 125.8 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 23.919 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

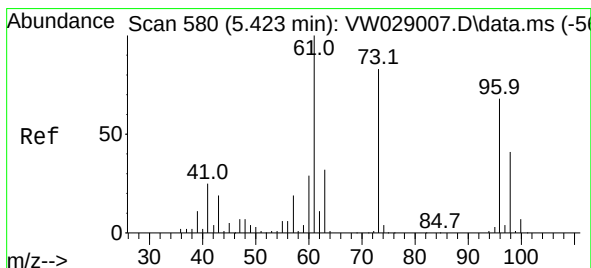
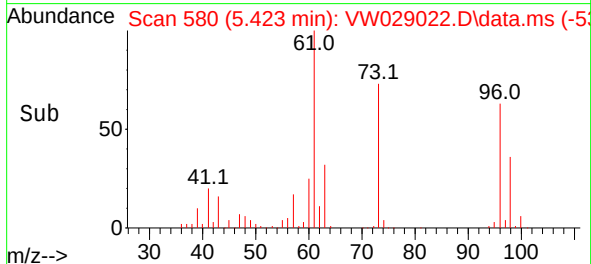
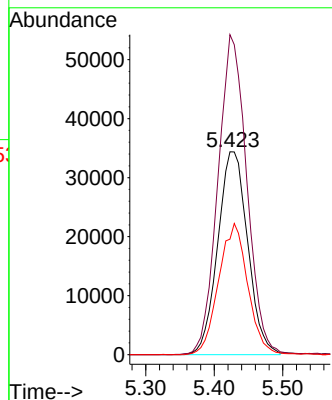
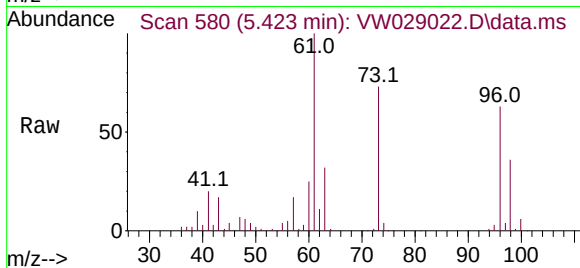
Tgt Ion: 96 Resp: 104450

Ion Ratio Lower Upper

96 100

61 157.7 104.6 194.2

98 56.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 22.528 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

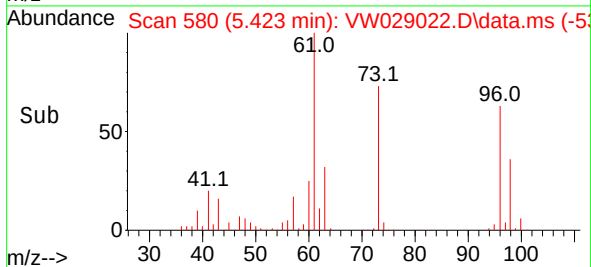
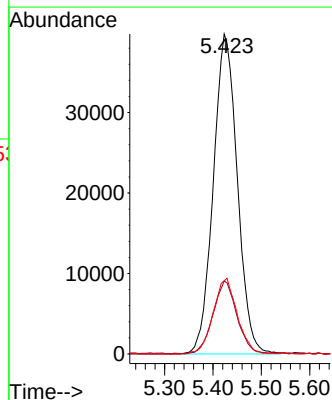
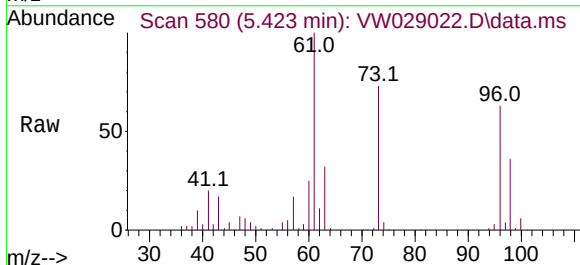
Tgt Ion: 73 Resp: 137178

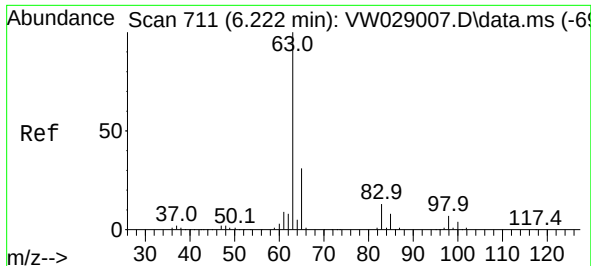
Ion Ratio Lower Upper

73 100

43 22.3 17.8 26.6

57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 24.218 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

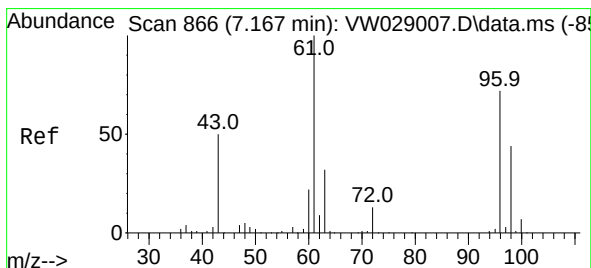
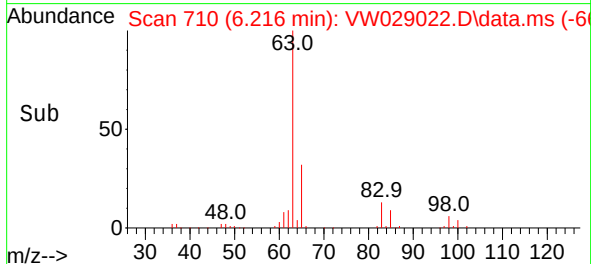
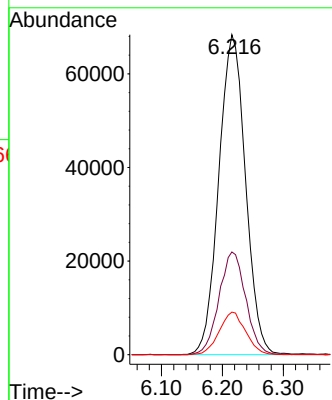
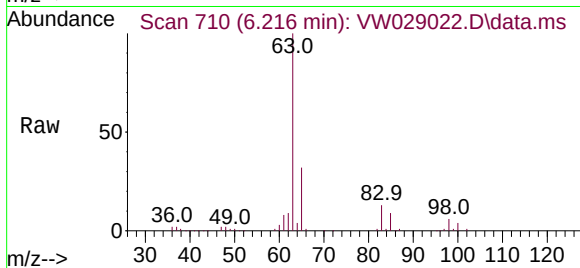
Tgt Ion: 63 Resp: 207916

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.6

83 13.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.319 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

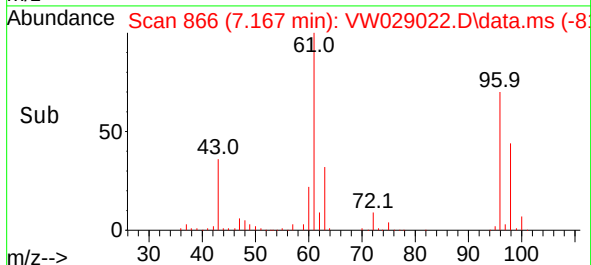
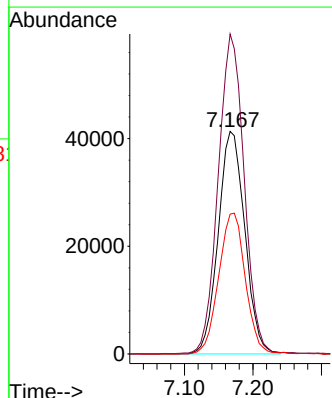
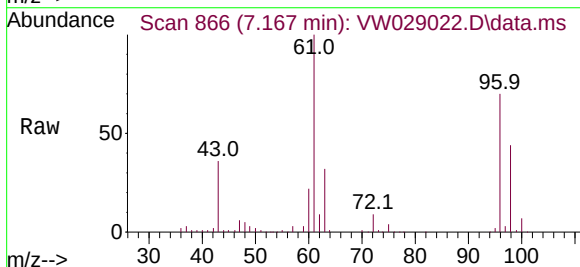
Tgt Ion: 96 Resp: 111330

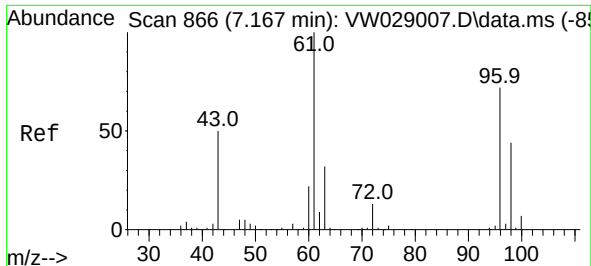
Ion Ratio Lower Upper

96 100

61 143.8 92.9 172.5

98 62.9 45.2 84.0





#22

2-Butanone

Concen: 44.518 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

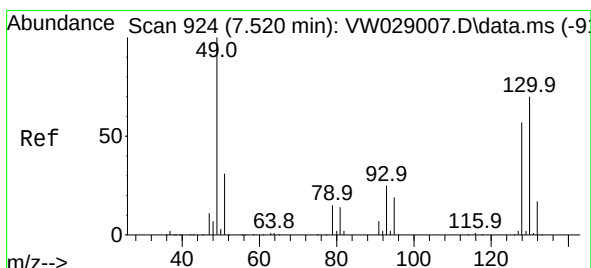
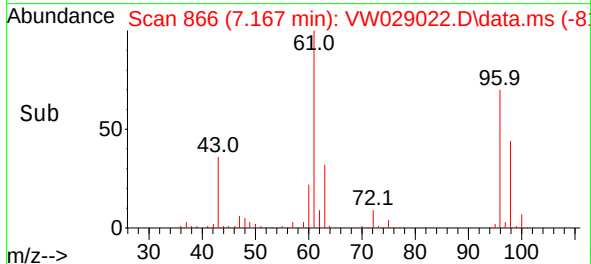
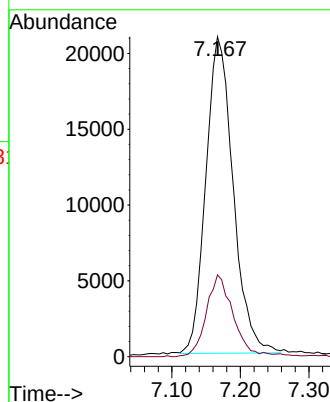
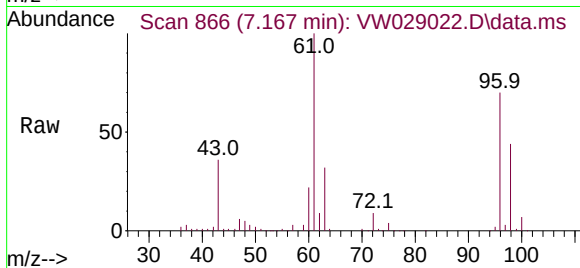
ClientSampleId :

Tgt Ion: 43 Resp: 57816

Ion Ratio Lower Upper

43 100

72 24.7 12.5 37.5



#23

Bromochloromethane

Concen: 23.669 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Tgt Ion: 128 Resp: 47300

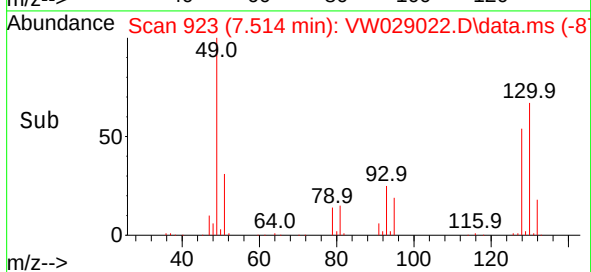
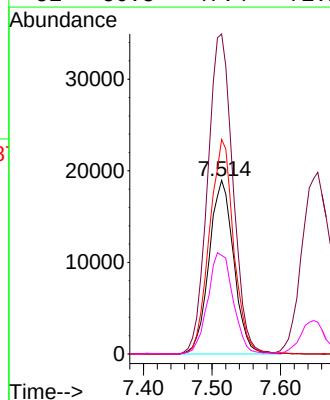
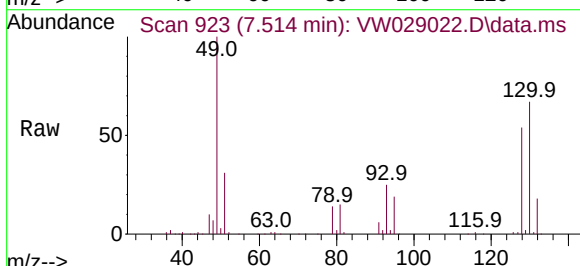
Ion Ratio Lower Upper

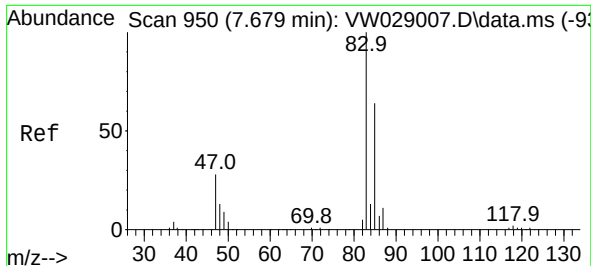
128 100

49 184.3 135.9 252.3

130 123.6 89.0 165.2

51 56.8 47.4 71.2





#25

Chloroform

Concen: 24.198 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

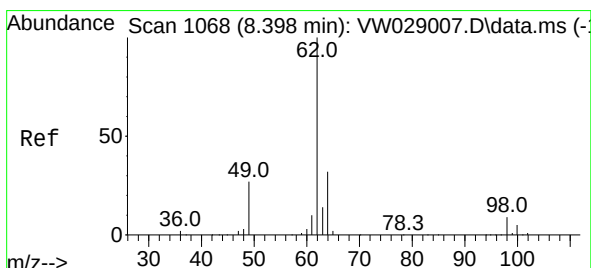
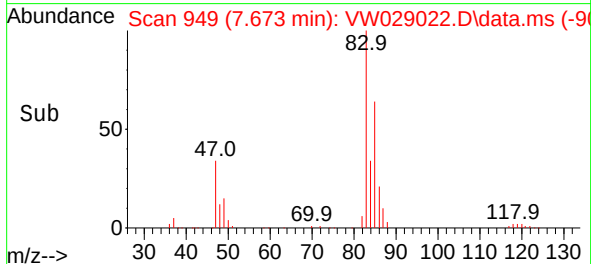
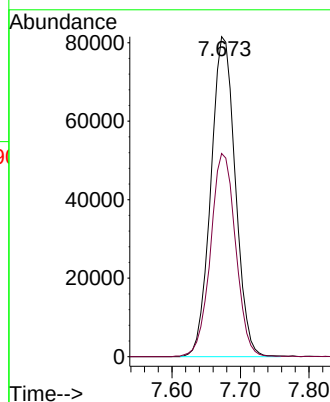
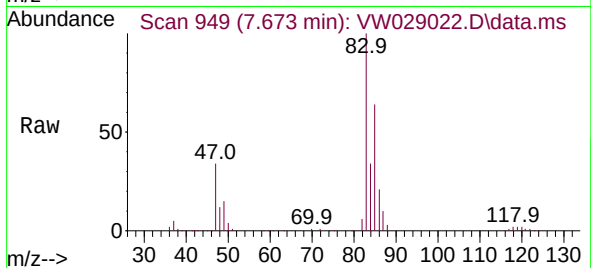
ClientSampleId :

Tgt Ion: 83 Resp: 201776

Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 23.798 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029022.D

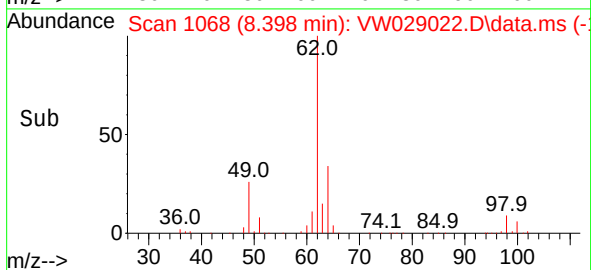
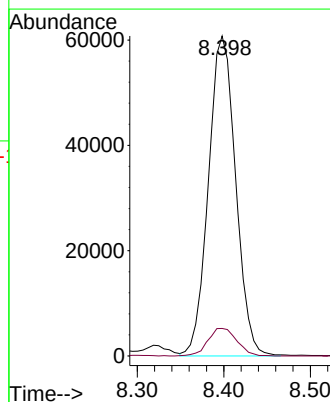
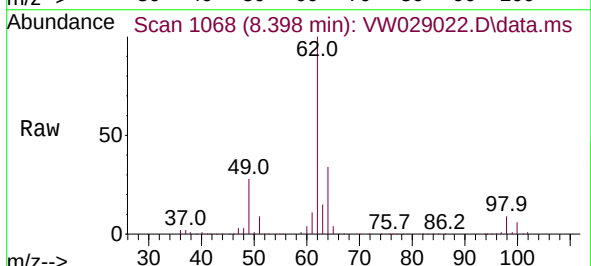
Acq: 05 Jun 2024 15:36

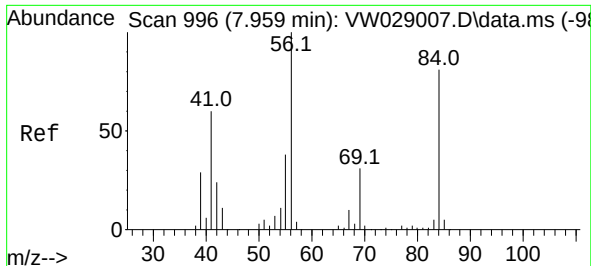
Tgt Ion: 62 Resp: 132983

Ion Ratio Lower Upper

62 100

98 8.6 7.1 10.7





#29

Cyclohexane

Concen: 24.667 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

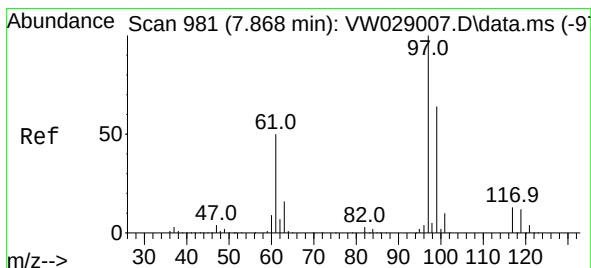
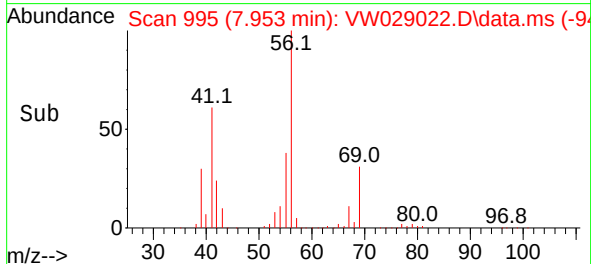
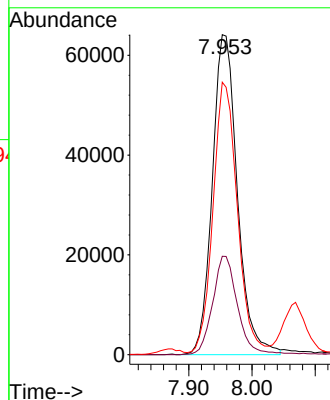
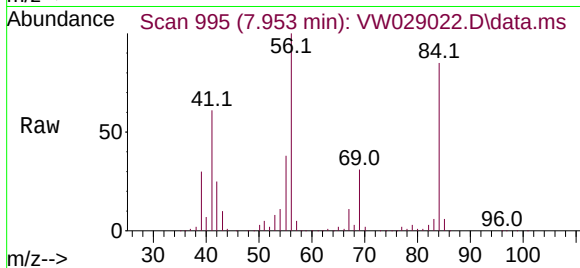
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 176594

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.4
84	81.7	65.4	98.2



#30

1,1,1-Trichloroethane

Concen: 24.081 ug/L

RT: 7.868 min Scan# 981

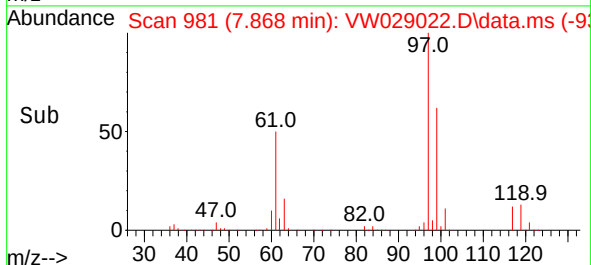
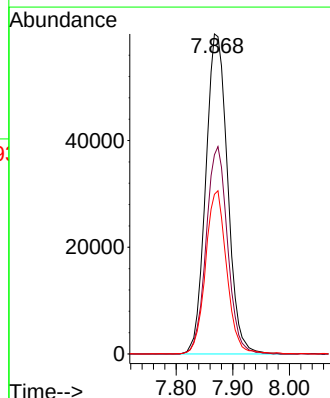
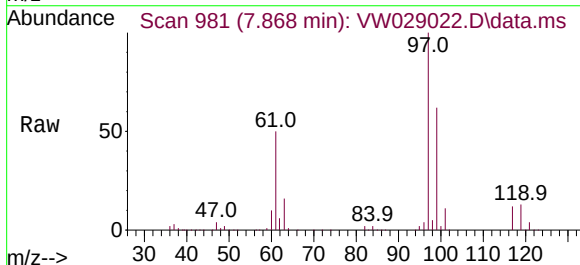
Delta R.T. -0.000 min

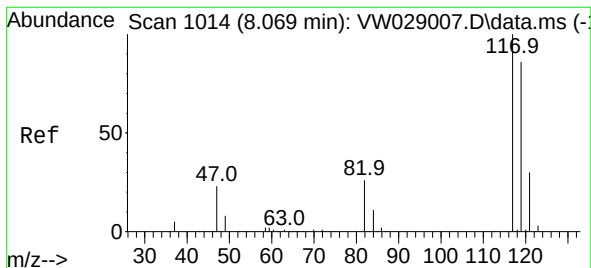
Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Tgt Ion: 97 Resp: 160661

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	49.4	39.6	59.4

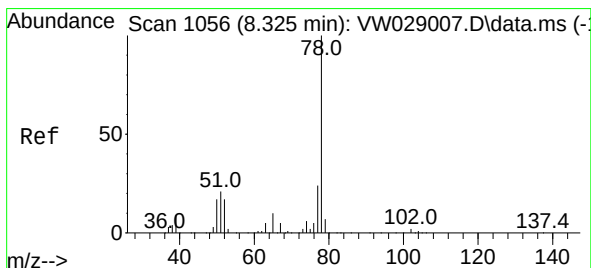
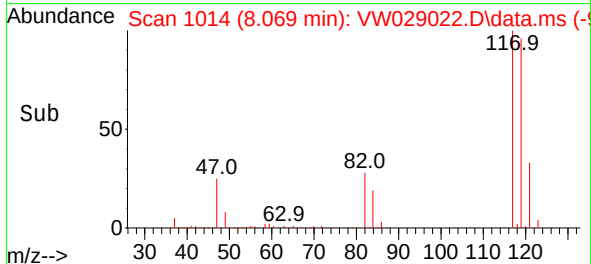
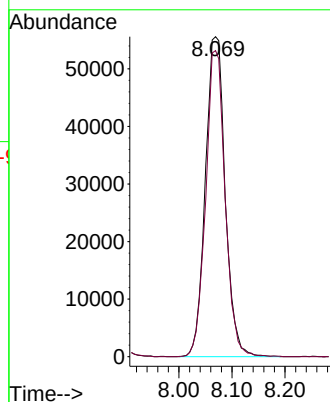
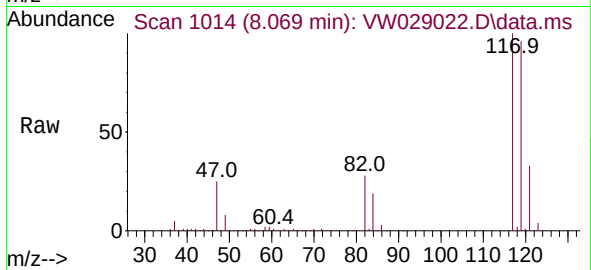




#31
Carbon tetrachloride
Concen: 23.727 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

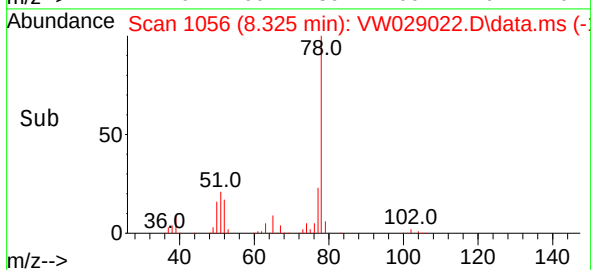
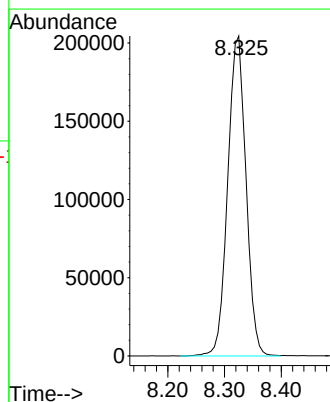
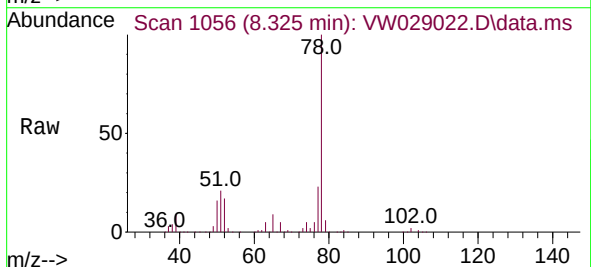
Instrument :
MSVOA_W
ClientSampleId :

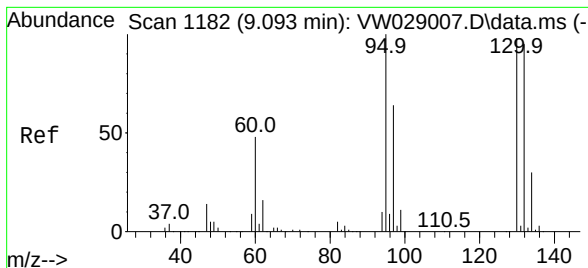
Tgt Ion:117 Resp: 144191
Ion Ratio Lower Upper
117 100
119 93.8 78.8 118.2



#33
Benzene
Concen: 25.520 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion: 78 Resp: 456919





#34

Trichloroethene

Concen: 24.823 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 116846

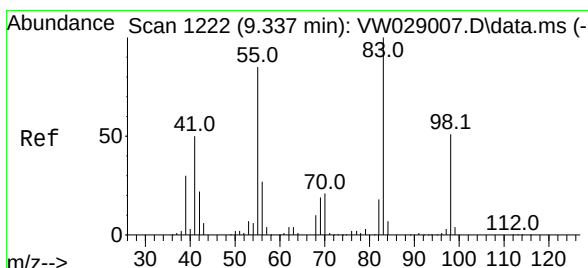
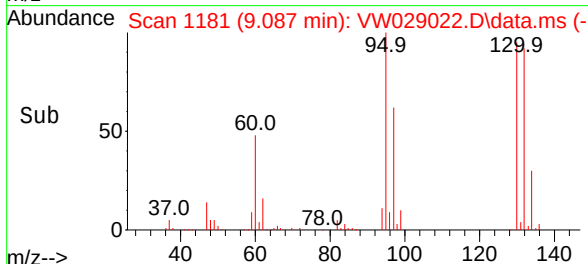
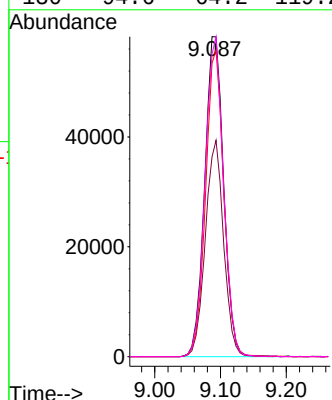
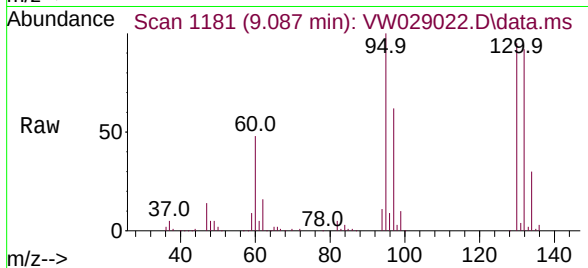
Ion Ratio Lower Upper

95 100

97 62.4 41.9 77.7

132 91.7 60.1 111.5

130 94.6 64.2 119.2



#35

Methylcyclohexane

Concen: 24.392 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

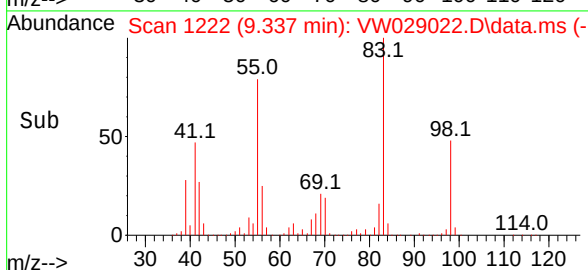
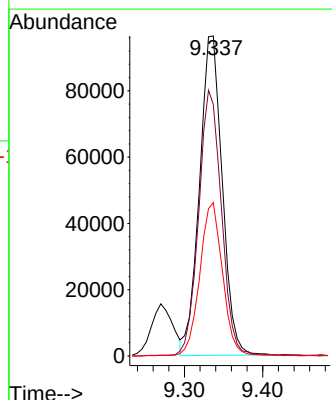
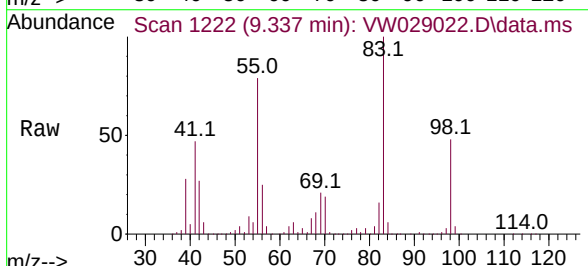
Tgt Ion: 83 Resp: 194774

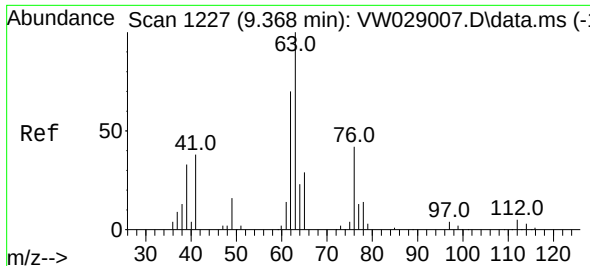
Ion Ratio Lower Upper

83 100

55 83.8 65.8 98.6

98 47.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 24.958 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

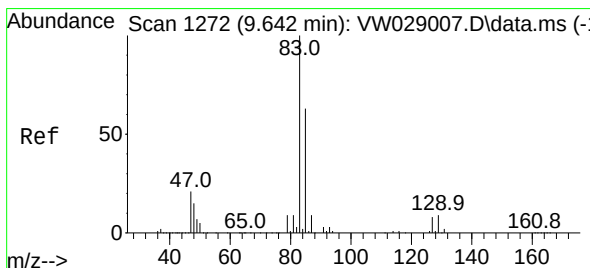
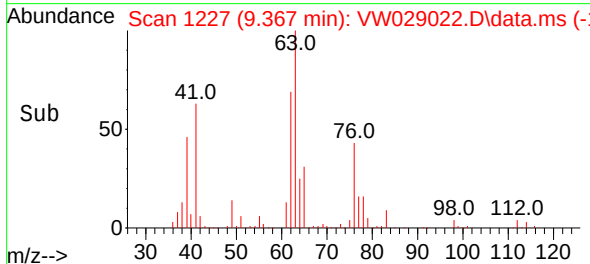
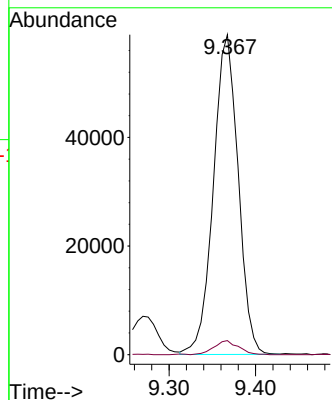
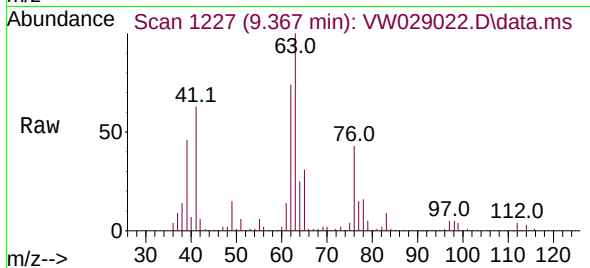
ClientSampleId :

Tgt Ion: 63 Resp: 117019

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 24.328 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

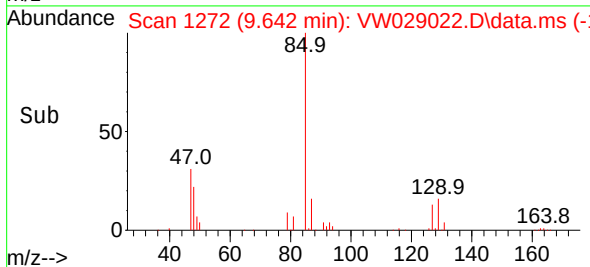
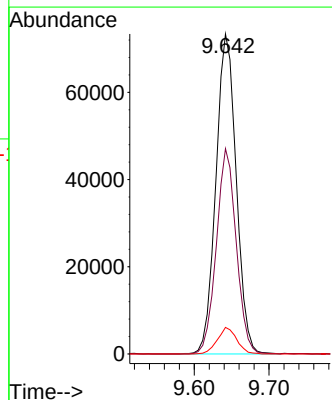
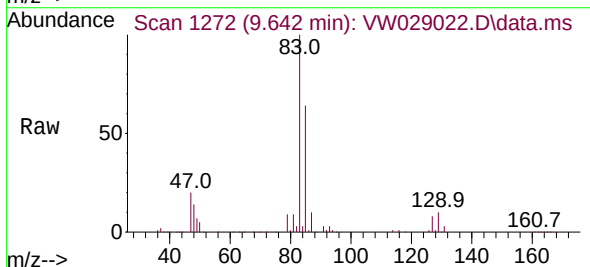
Tgt Ion: 83 Resp: 139110

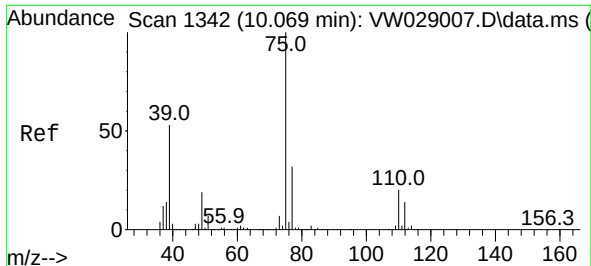
Ion Ratio Lower Upper

83 100

85 64.1 43.9 81.5

127 8.3 5.4 8.2#





#39

cis-1,3-Dichloropropene

Concen: 24.869 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

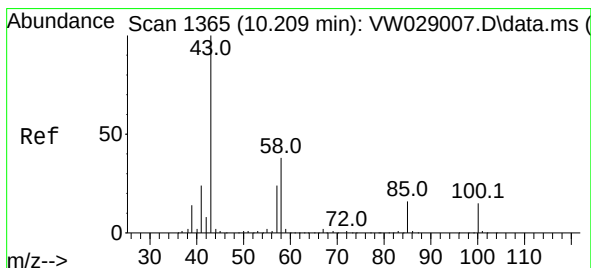
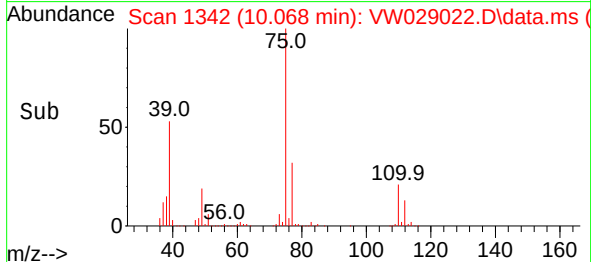
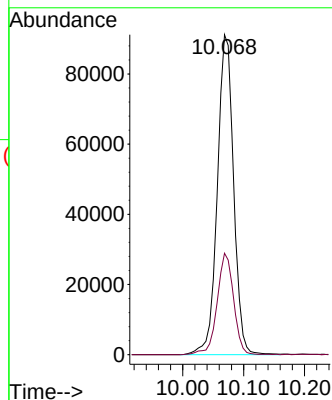
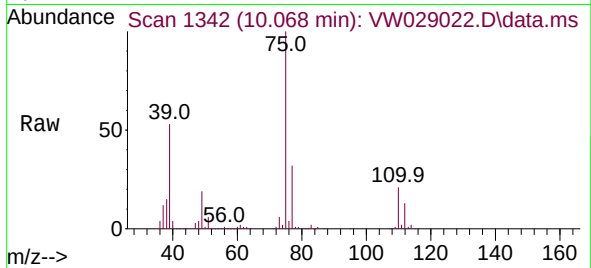
ClientSampleId :

Tgt Ion: 75 Resp: 169456

Ion Ratio Lower Upper

75 100

77 31.7 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 46.487 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

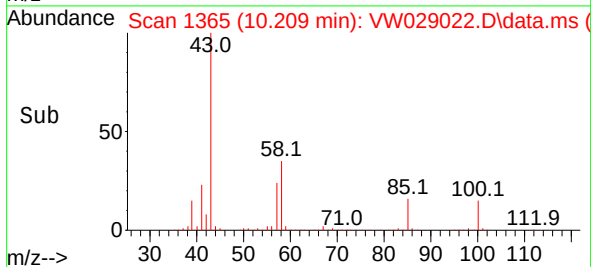
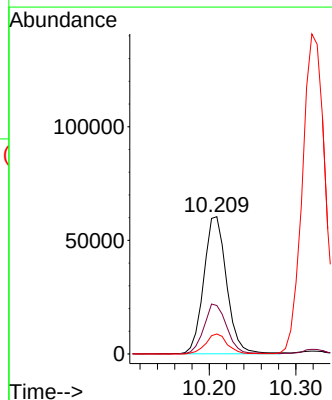
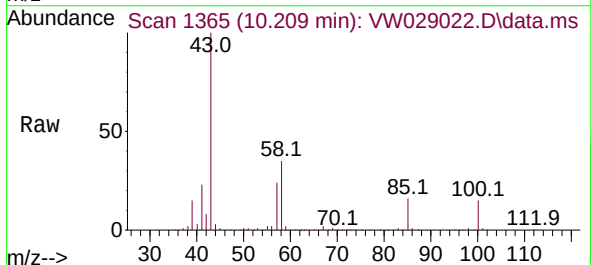
Tgt Ion: 43 Resp: 110863

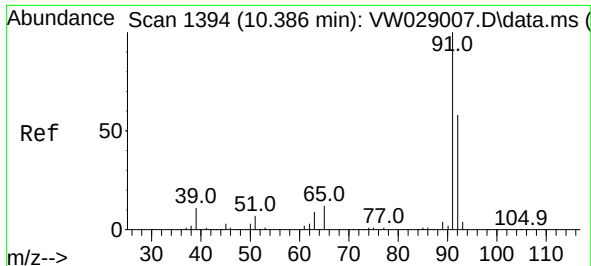
Ion Ratio Lower Upper

43 100

58 36.7 30.3 45.5

100 13.9 10.7 16.1

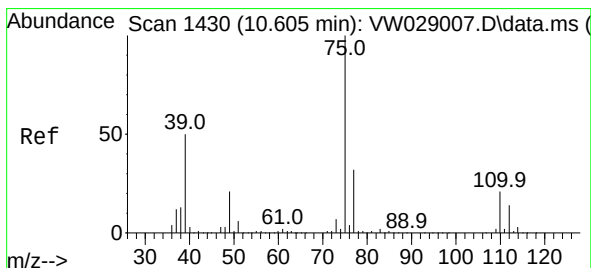
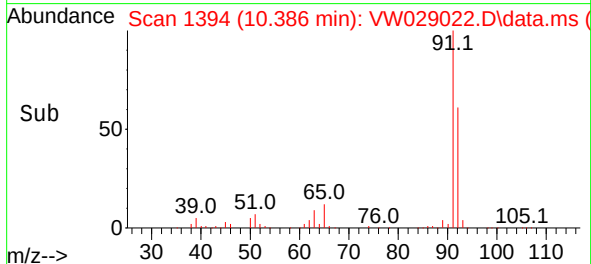
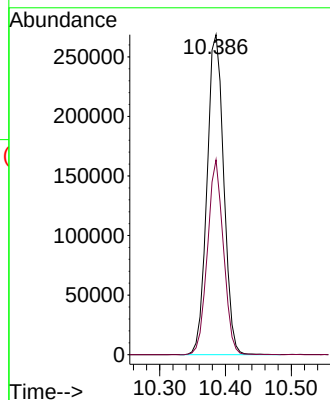
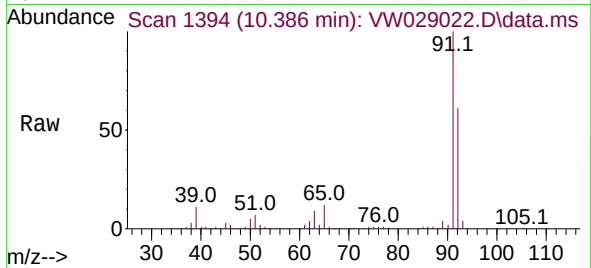




#42
Toluene
Concen: 26.006 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

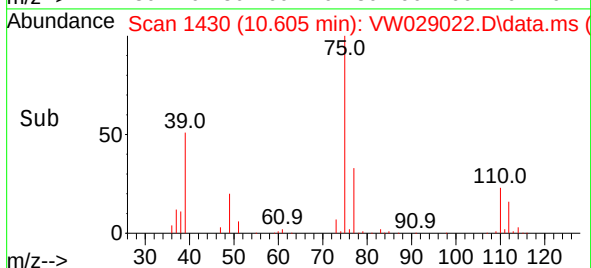
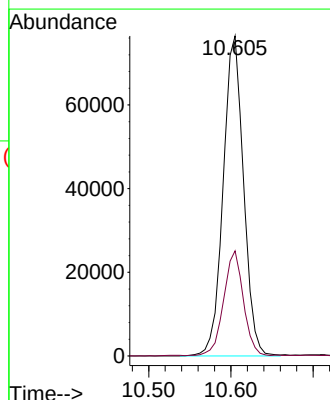
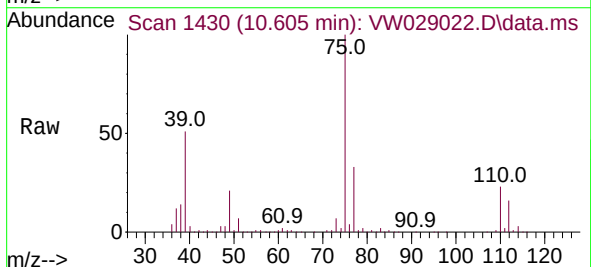
Instrument :
MSVOA_W
ClientSampleId :

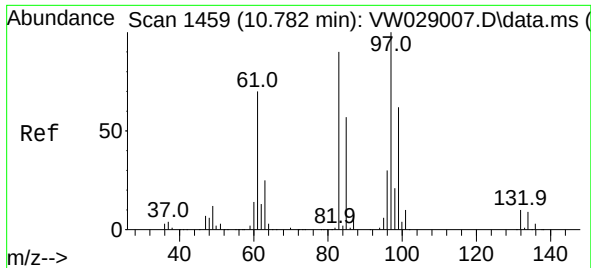
Tgt Ion: 91 Resp: 475666
Ion Ratio Lower Upper
91 100
92 60.9 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 23.982 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

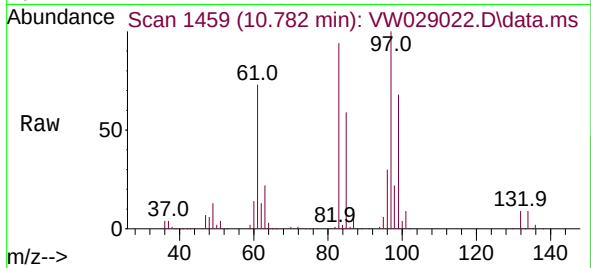
Tgt Ion: 75 Resp: 131739
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8



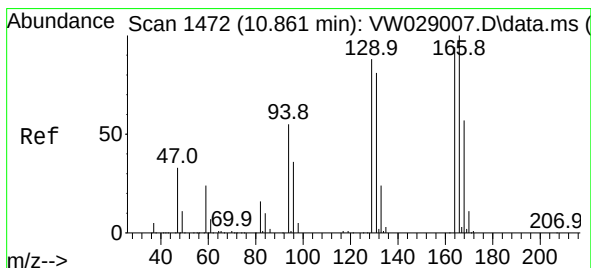
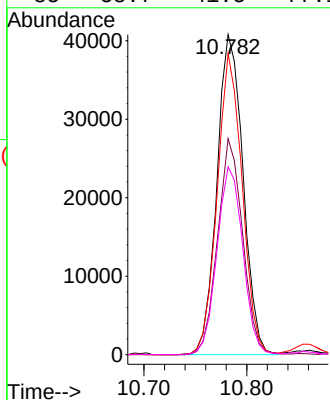
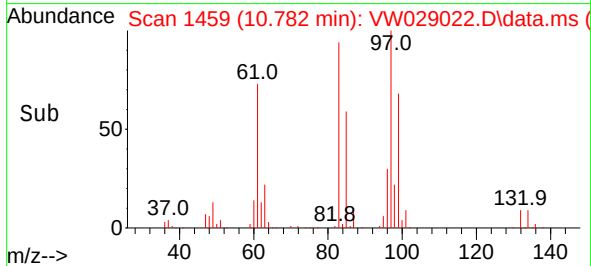


#45
1,1,2-Trichloroethane
Concen: 22.678 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

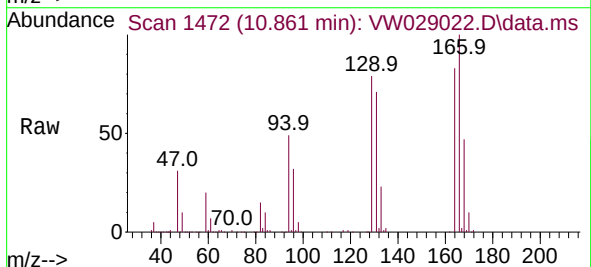
Instrument :
MSVOA_W
ClientSampleId :



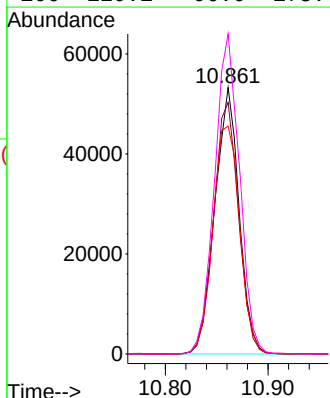
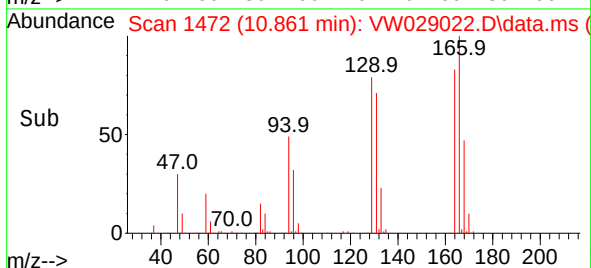
Tgt Ion: 97	Resp: 71811
Ion Ratio	Lower Upper
97 100	
99 67.5	41.8 77.6
83 94.1	62.4 115.8
85 58.7	41.5 77.1

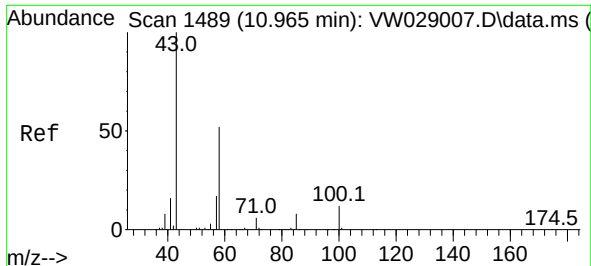


#46
Tetrachloroethene
Concen: 24.320 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36



Tgt	Ion:164	Resp:	86976
Ion	Ratio	Lower	Upper
164	100		
129	94.4	69.4	128.8
131	85.5	71.0	131.9
166	120.1	96.0	178.4

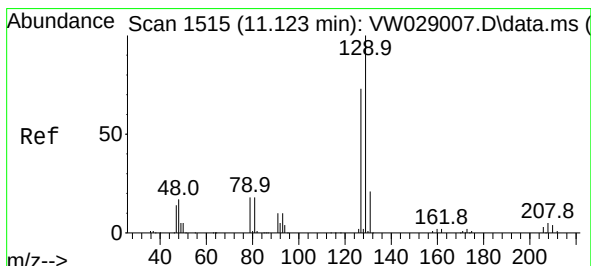
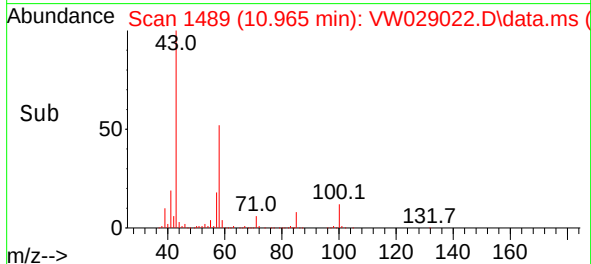
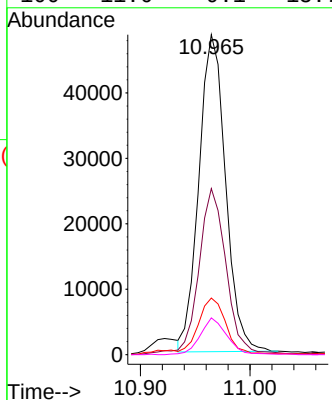
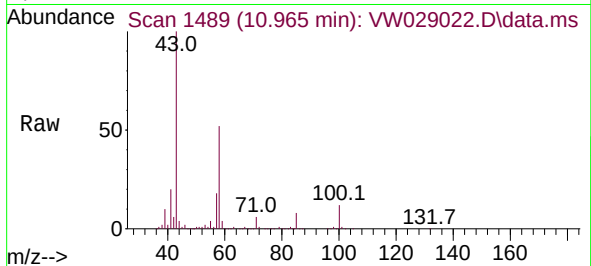




#48
2-Hexanone
Concen: 45.864 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

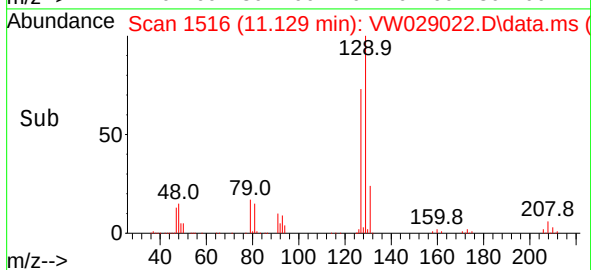
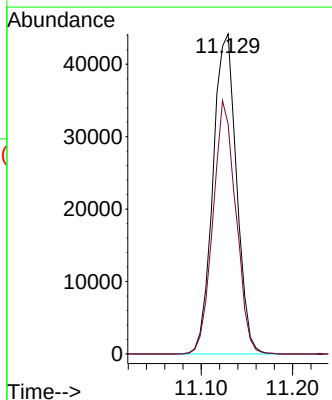
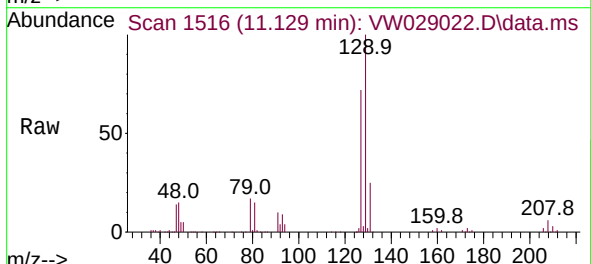
Instrument :
MSVOA_W
ClientSampleId :

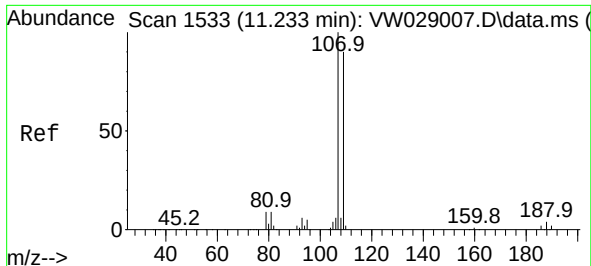
Tgt	Ion: 43	Resp:	82005
Ion	Ratio	Lower	Upper
43	100		
58	52.8	41.4	62.0
57	17.3	14.2	21.4
100	11.6	9.1	13.7



#49
Dibromochloromethane
Concen: 23.647 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion:129	Resp: 79089
Ion Ratio	Lower Upper
129 100	
127 71.9	56.5 104.9





#50

1,2-Dibromoethane

Concen: 23.428 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

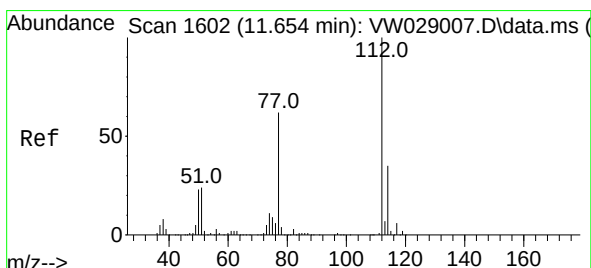
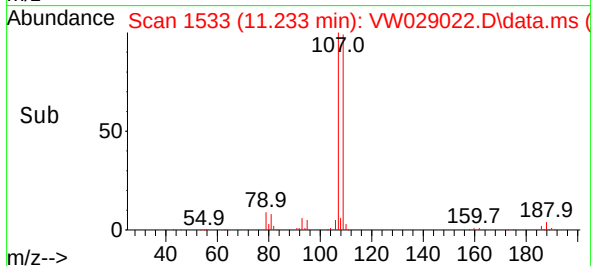
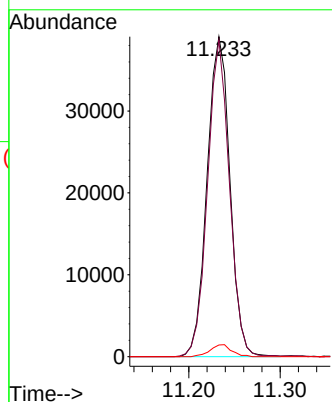
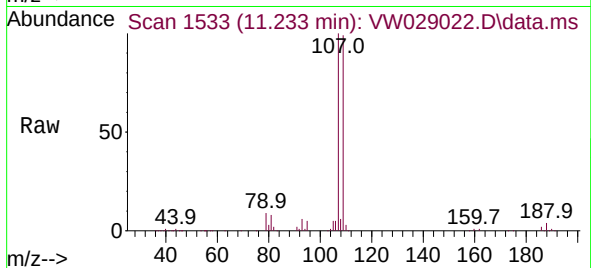
Tgt Ion:107 Resp: 67721

Ion Ratio Lower Upper

107 100

109 98.9 67.9 126.1

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 25.107 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

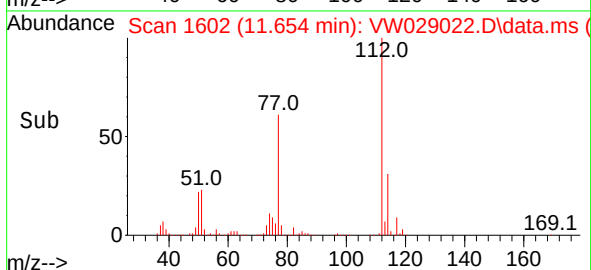
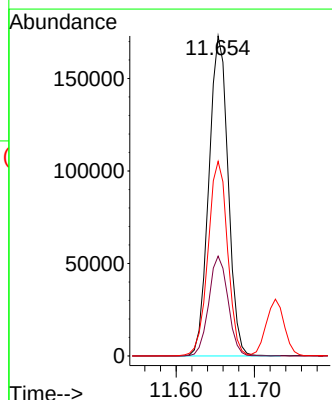
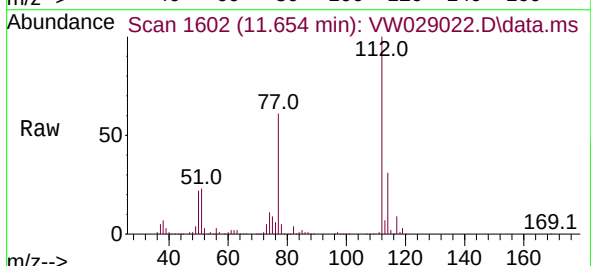
Tgt Ion:112 Resp: 294998

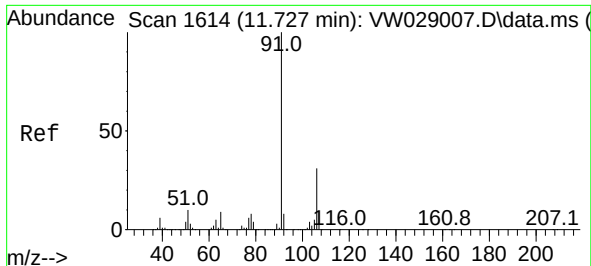
Ion Ratio Lower Upper

112 100

114 31.2 23.7 44.1

77 60.8 51.7 77.5





#52

Ethylbenzene

Concen: 26.008 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

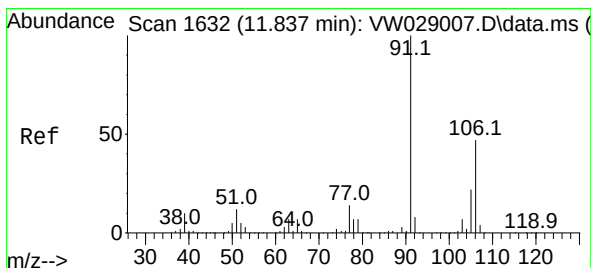
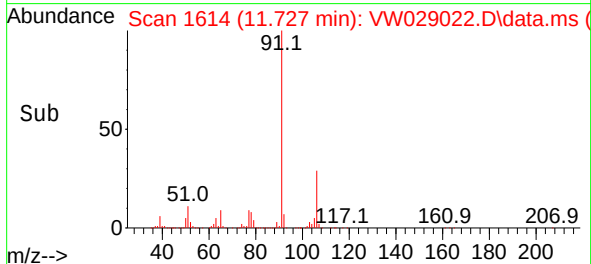
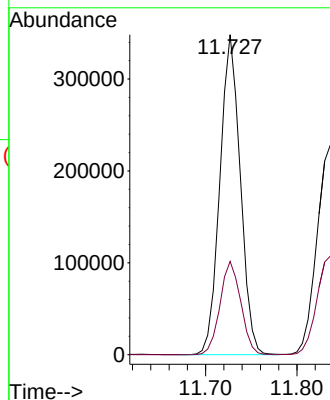
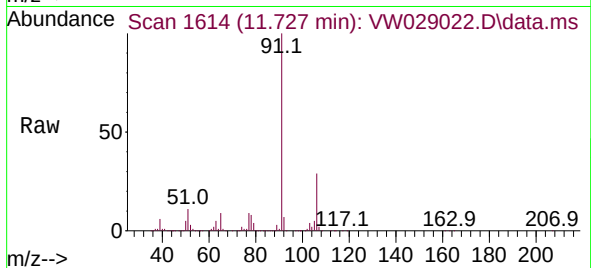
ClientSampleId :

Tgt Ion: 91 Resp: 540490

Ion Ratio Lower Upper

91 100

106 29.2 19.9 37.0



#53

m,p-Xylene

Concen: 25.910 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029022.D

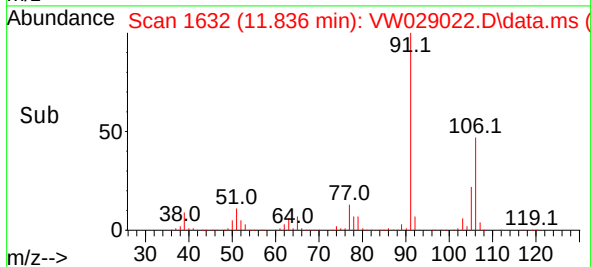
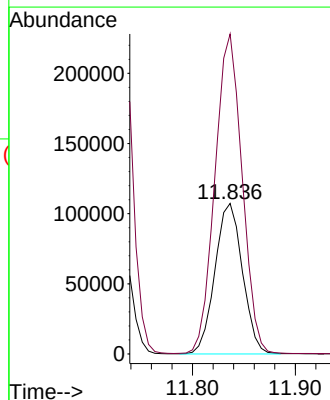
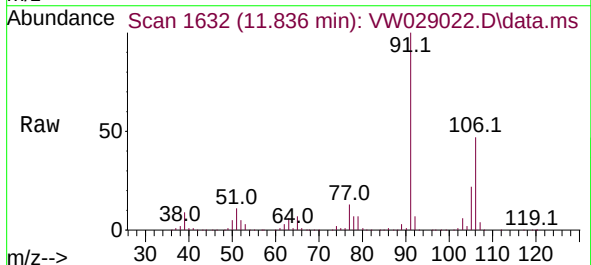
Acq: 05 Jun 2024 15:36

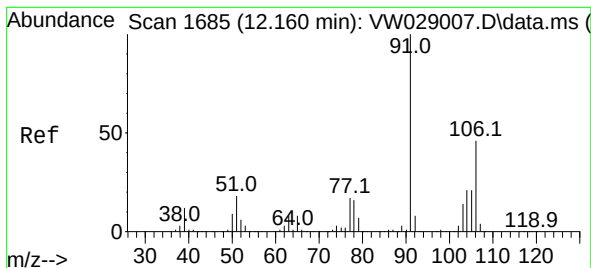
Tgt Ion:106 Resp: 199439

Ion Ratio Lower Upper

106 100

91 212.6 152.0 282.2





#54

o-Xylene

Concen: 26.227 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

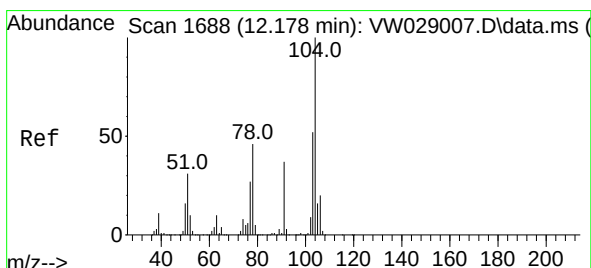
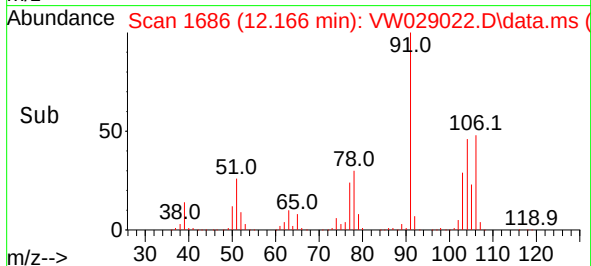
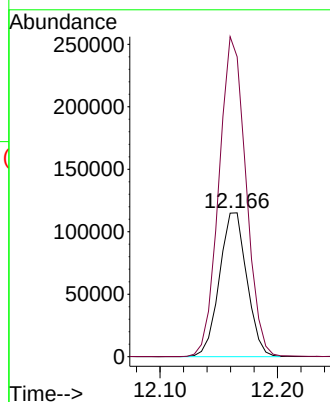
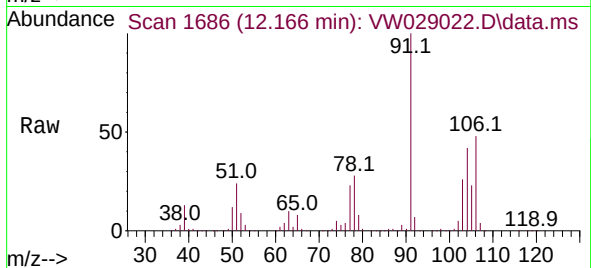
ClientSampleId :

Tgt Ion:106 Resp: 186929

Ion Ratio Lower Upper

106 100

91 208.4 152.5 283.3



#55

Styrene

Concen: 25.671 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029022.D

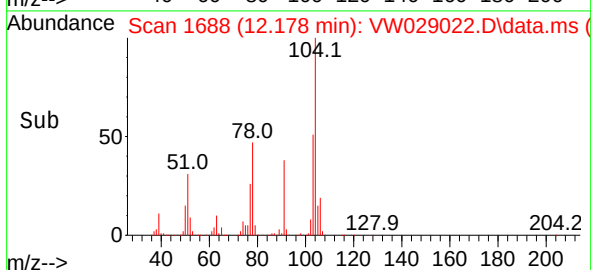
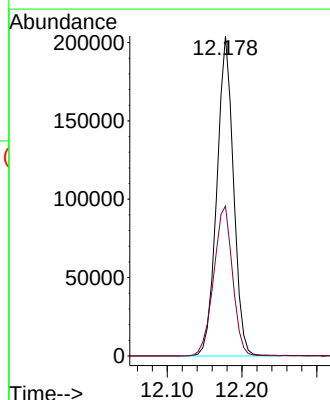
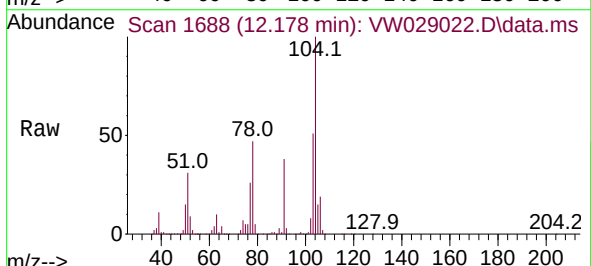
Acq: 05 Jun 2024 15:36

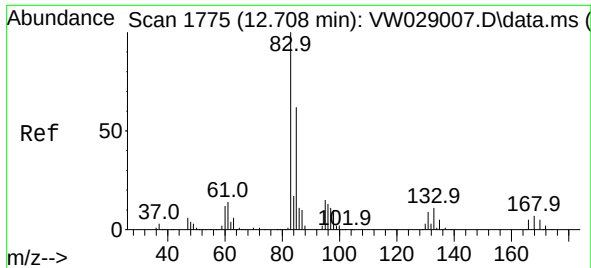
Tgt Ion:104 Resp: 315446

Ion Ratio Lower Upper

104 100

78 46.9 33.3 61.9

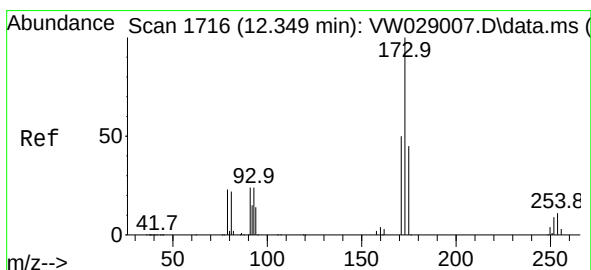
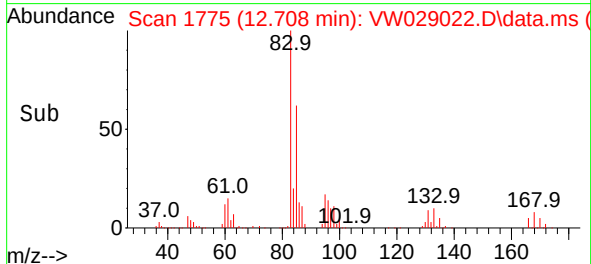
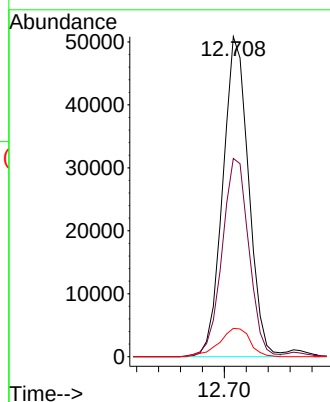
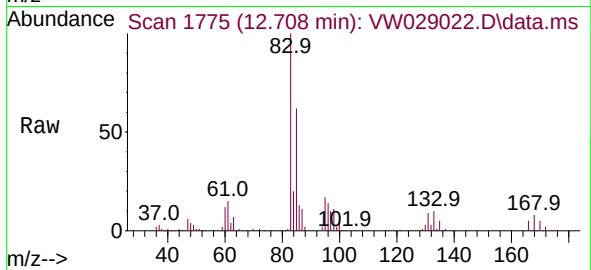




#57
1,1,2,2-Tetrachloroethane
Concen: 23.183 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

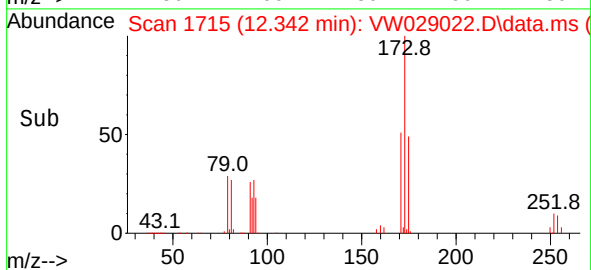
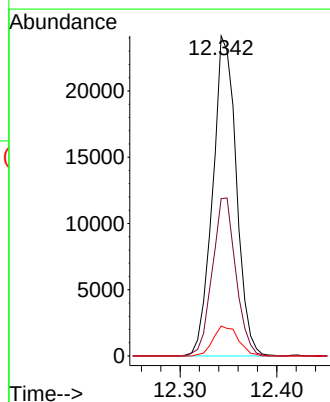
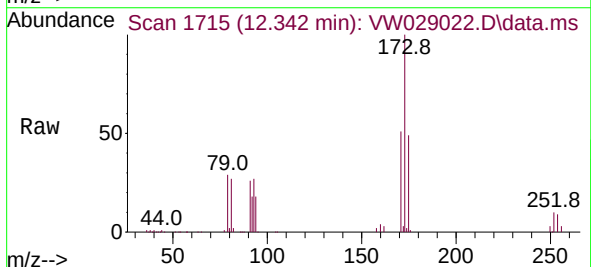
Instrument :
MSVOA_W
ClientSampleId :

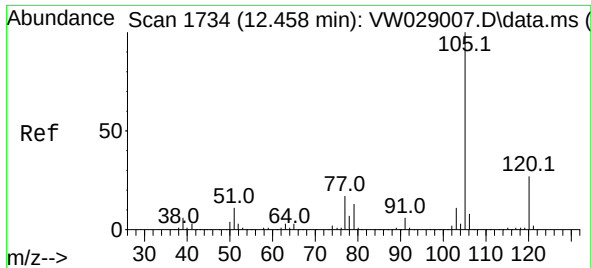
Tgt Ion: 83 Resp: 82872
Ion Ratio Lower Upper
83 100
85 62.0 43.8 81.3
131 8.8 7.3 10.9



#59
Bromoform
Concen: 22.565 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion:173 Resp: 41016
Ion Ratio Lower Upper
173 100
175 49.2 38.1 57.1
254 9.9 8.2 12.2

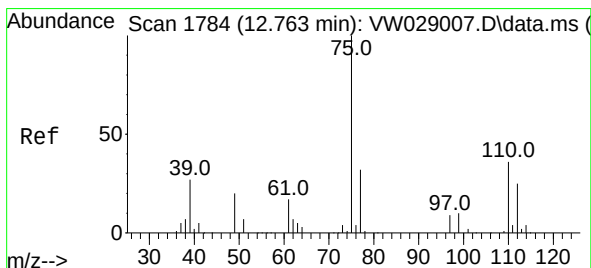
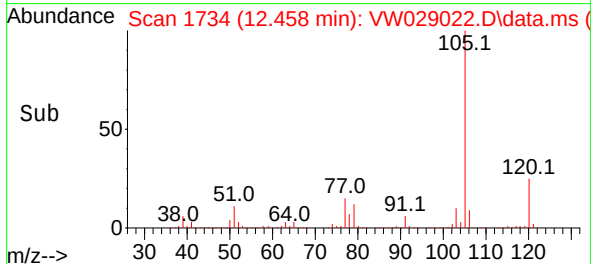
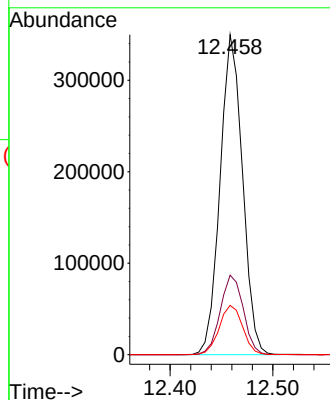
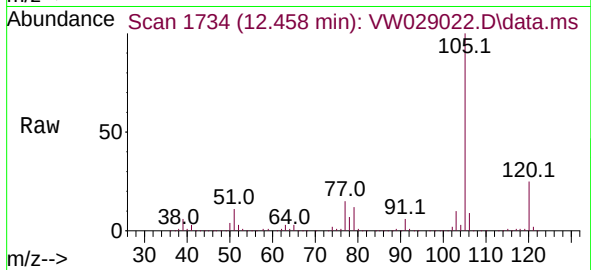




#60
Isopropylbenzene
Concen: 26.505 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

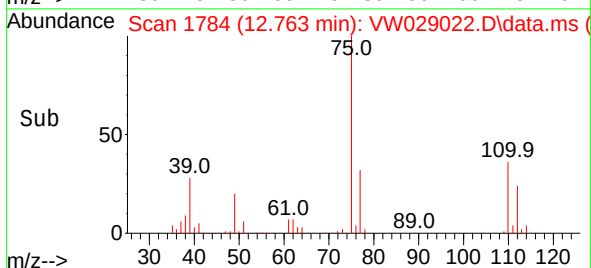
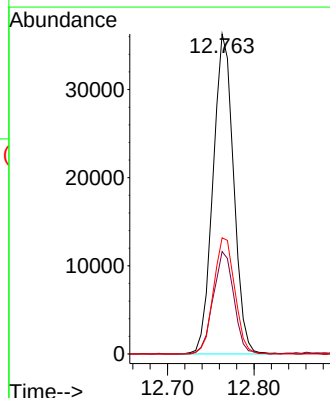
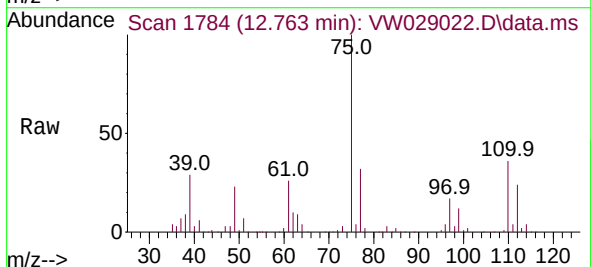
Instrument :
MSVOA_W
ClientSampleId :

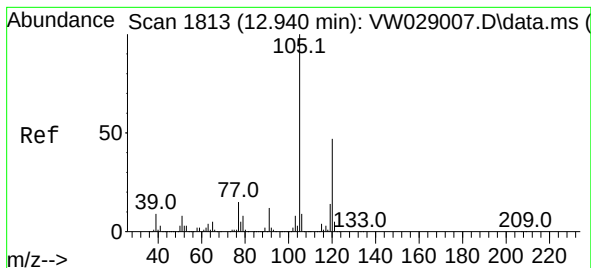
Tgt Ion:105 Resp: 530242
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 16.1 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 22.478 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion: 75 Resp: 59935
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5
110 37.4 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 26.347 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

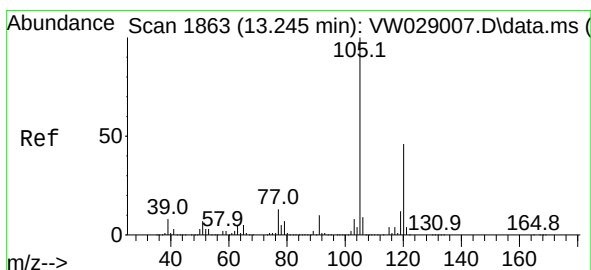
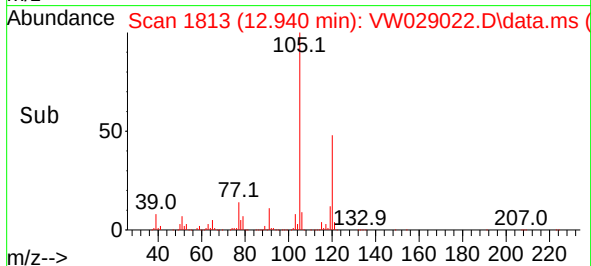
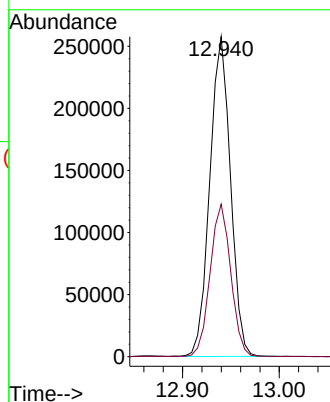
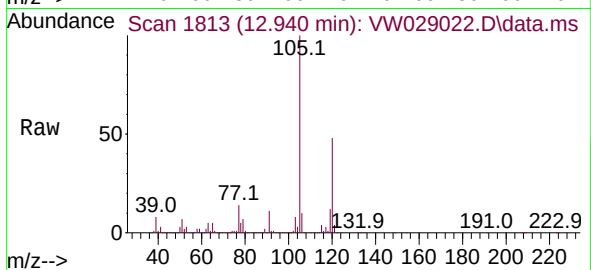
ClientSampleId :

Tgt Ion:105 Resp: 383350

Ion Ratio Lower Upper

105 100

120 47.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.568 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029022.D

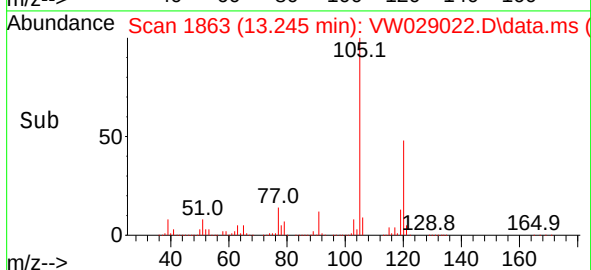
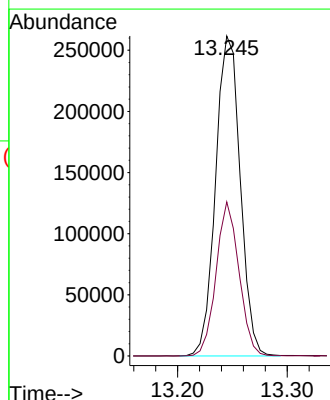
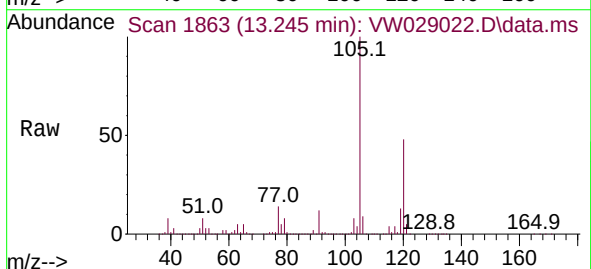
Acq: 05 Jun 2024 15:36

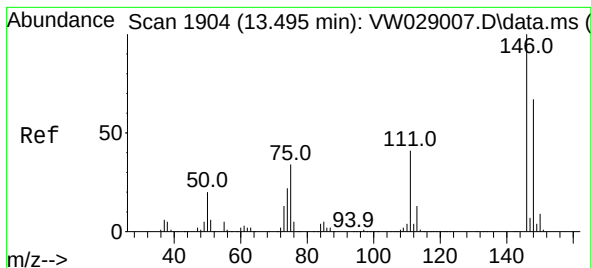
Tgt Ion:105 Resp: 408545

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8

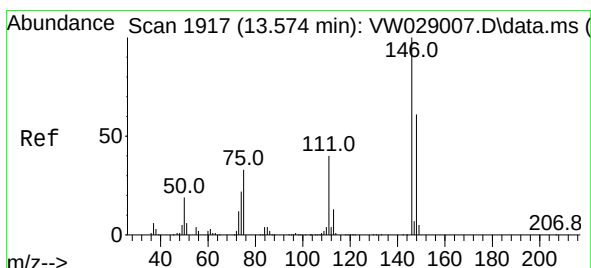
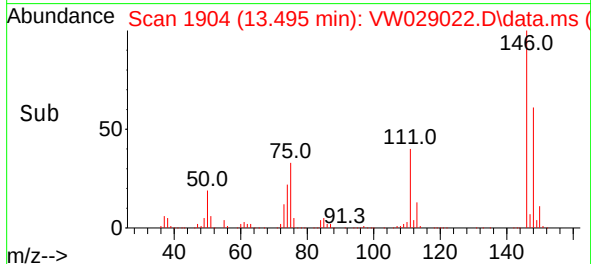
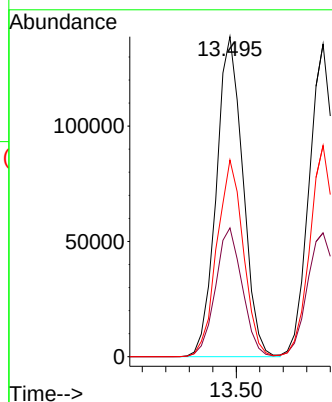
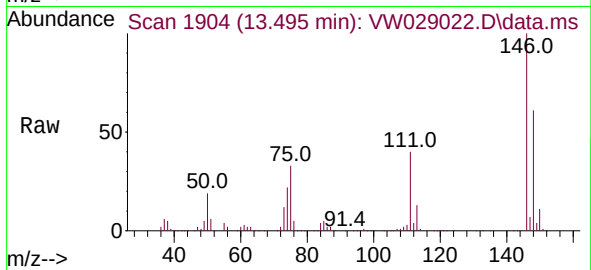




#64
1,3-Dichlorobenzene
Concen: 25.400 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

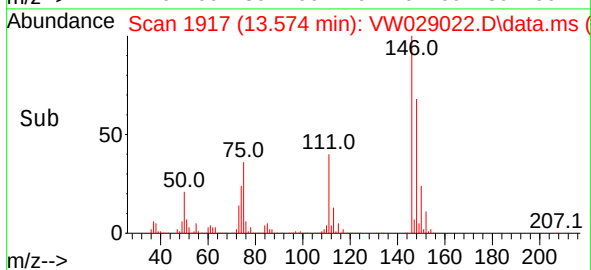
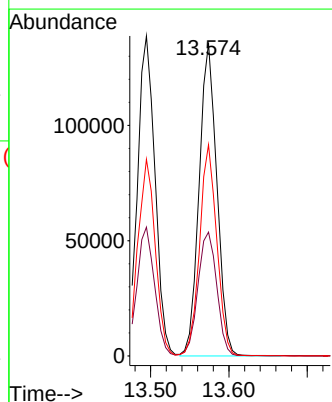
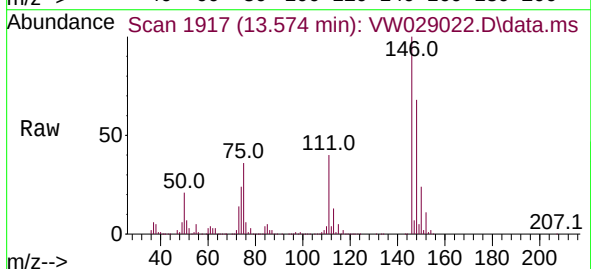
Instrument :
MSVOA_W
ClientSampleId :

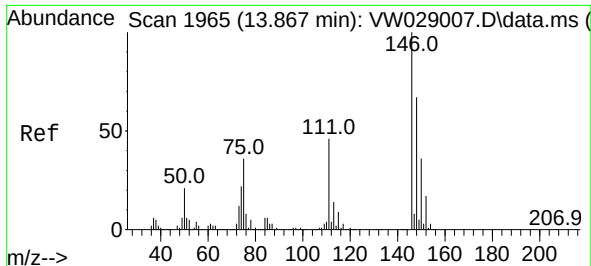
Tgt Ion:146 Resp: 218363
Ion Ratio Lower Upper
146 100
111 40.3 29.4 54.6
148 61.4 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 23.765 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion:146 Resp: 213379
Ion Ratio Lower Upper
146 100
111 39.6 27.5 51.1
148 67.6 39.5 73.3

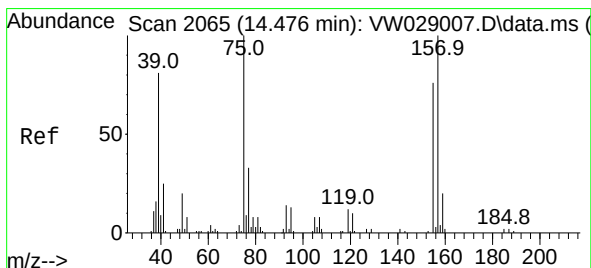
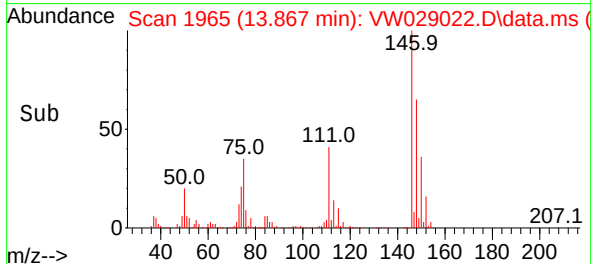
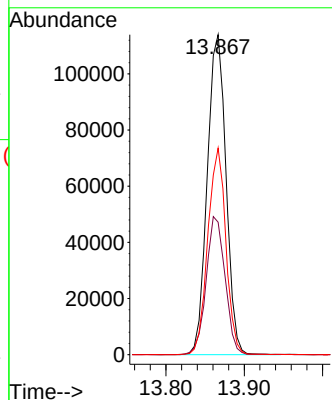
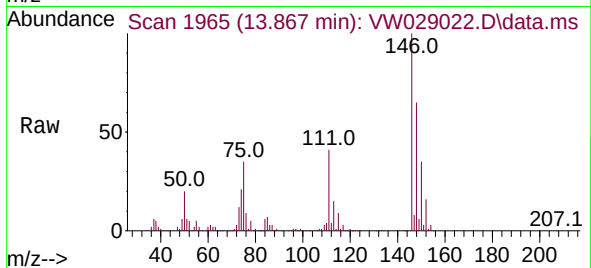




#67
1,2-Dichlorobenzene
Concen: 24.578 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

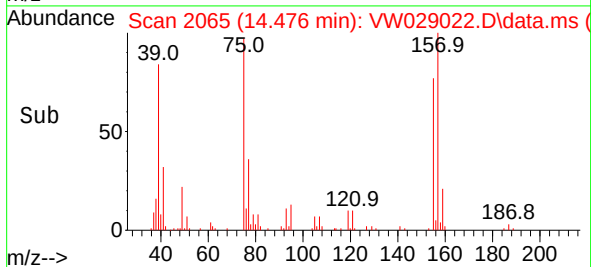
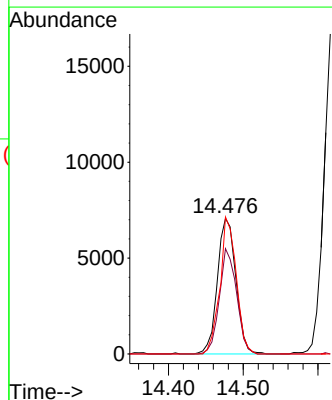
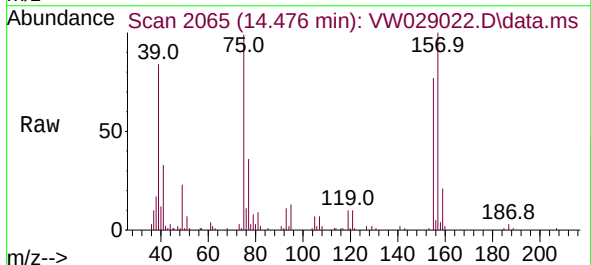
Instrument :
MSVOA_W
ClientSampleId :

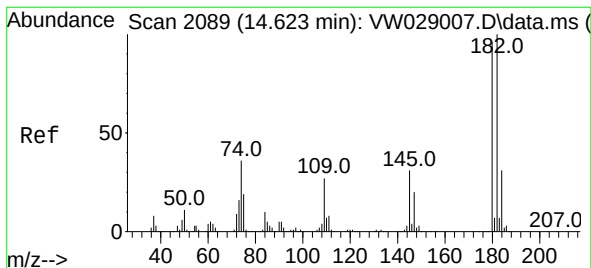
Tgt Ion:146 Resp: 189380
Ion Ratio Lower Upper
146 100
111 41.4 32.8 49.2
148 64.6 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 21.395 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion: 75 Resp: 12159
Ion Ratio Lower Upper
75 100
155 77.7 52.3 78.5
157 101.1 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 24.624 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

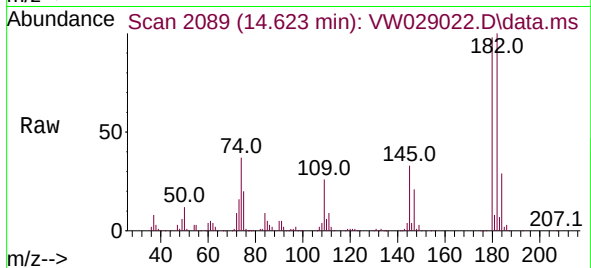
Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 145351

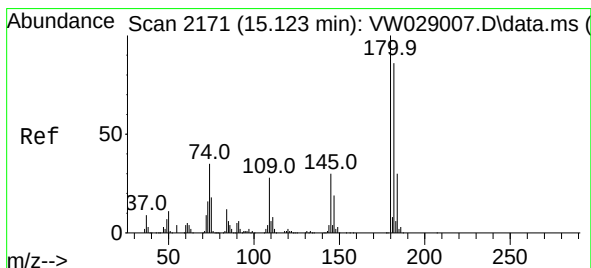
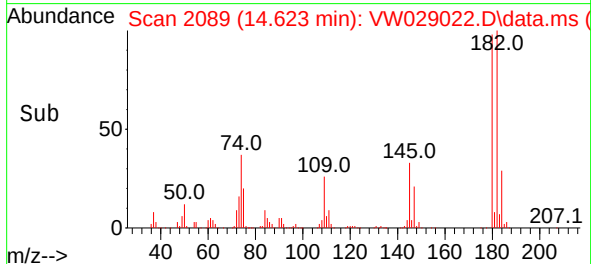
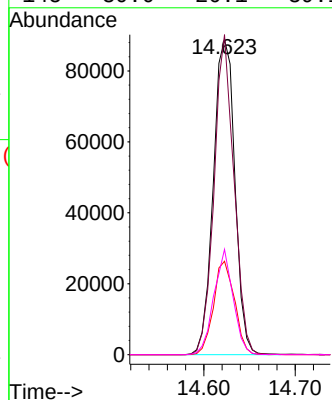
Ion Ratio Lower Upper

180 100

182 93.5 77.4 116.0

184 29.0 24.6 36.8

145 30.0 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 22.128 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029022.D

Acq: 05 Jun 2024 15:36

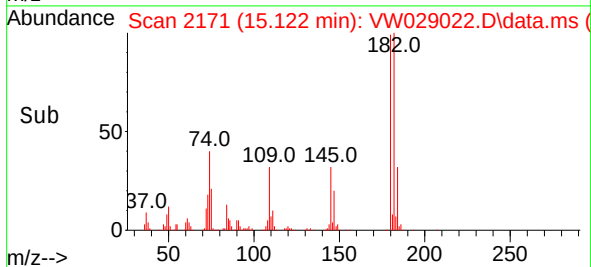
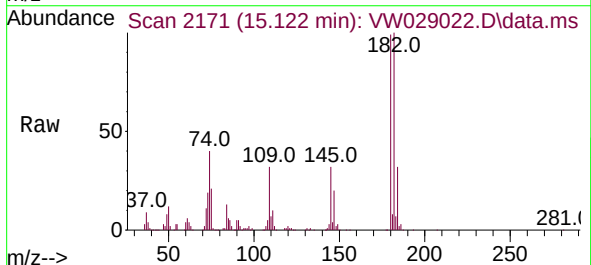
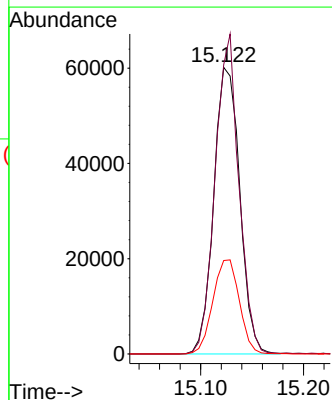
Tgt Ion:180 Resp: 105863

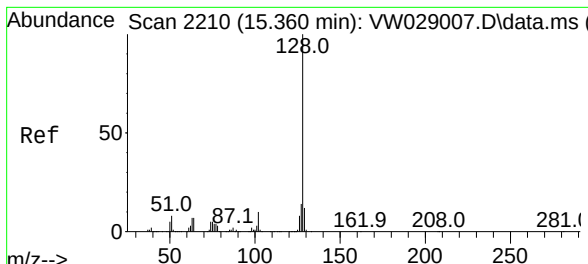
Ion Ratio Lower Upper

180 100

182 101.9 75.3 112.9

145 33.3 26.2 39.2

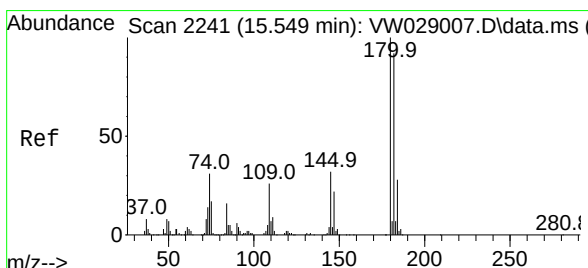
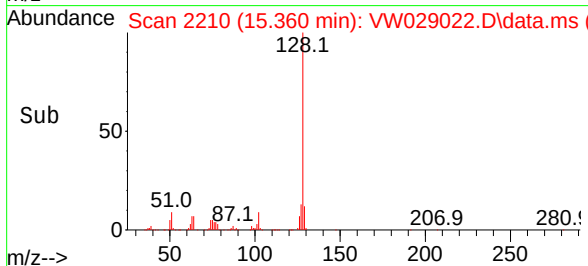
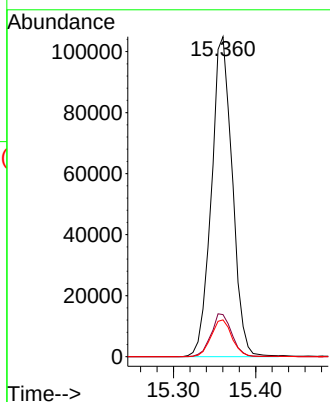
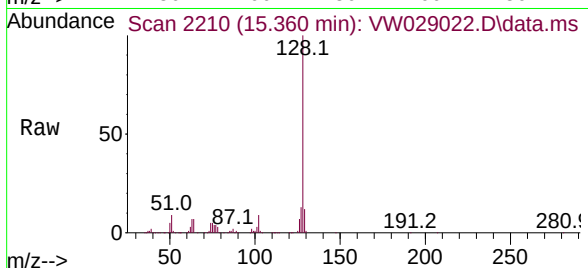




#71
Naphthalene
Concen: 22.674 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 184815
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.500 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029022.D
Acq: 05 Jun 2024 15:36

Tgt Ion:180 Resp: 96055
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.0
145 33.8 26.6 39.8

