

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061024\
 Data File : VW029072.D
 Acq On : 10 Jun 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 01:15:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	311439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286433	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142399	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114291	23.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.400%
7) Chloroethane-d5	2.905	69	91712	24.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	4.021	65	50818	23.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.480%
21) 2-Butanone-d5	7.075	46	53637	53.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.120%
24) Chloroform-d	7.655	84	223367	25.140	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	8.307	65	116574	24.921	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	8.276	84	443818	25.245	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	133872	25.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.440%
41) Toluene-d8	10.325	98	395898	25.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	10.575	79	50104	24.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.922	63	37340	53.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96307	26.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	126618	25.057	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	71763	20.179	ug/L	100
3) Chloromethane	2.223	50	91319	21.018	ug/L	97
5) Vinyl chloride	2.375	62	118708	22.572	ug/L	98
6) Bromomethane	2.796	94	70298	22.309	ug/L	97
8) Chloroethane	2.936	64	72322	22.771	ug/L	99
9) Trichlorofluoromethane	3.271	101	101038	23.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	104013	24.113	ug/L	94
12) 1,1-Dichloroethene	4.052	96	95555	24.273	ug/L	84
13) Acetone	4.125	43	68512	64.673	ug/L	99
14) Carbon disulfide	4.393	76	313233	23.502	ug/L	99
15) Methyl Acetate	4.667	43	43075	24.482	ug/L	99
16) Methylene chloride	4.923	84	105089	22.483	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	101143	23.565	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	144541	24.150	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202065	23.946	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	107989	23.999	ug/L	95
22) 2-Butanone	7.173	43	72415	56.728	ug/L	100
23) Bromochloromethane	7.514	128	46405	23.625	ug/L	98
25) Chloroform	7.679	83	197256	24.068	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

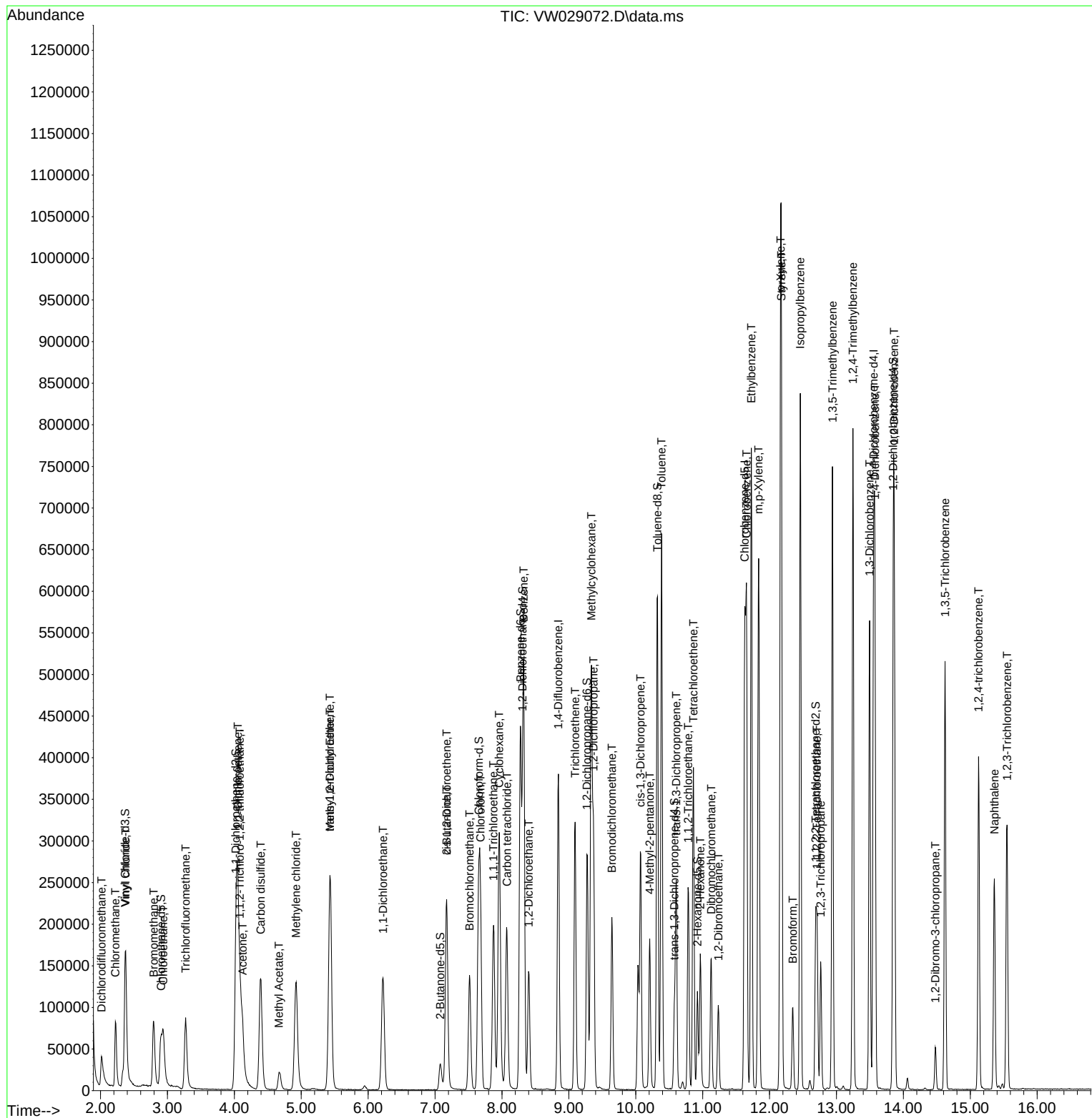
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131068	23.863	ug/L	100
29) Cyclohexane	7.959	56	179862	25.256	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	159367	24.013	ug/L	99
31) Carbon tetrachloride	8.075	117	146603	24.252	ug/L	97
33) Benzene	8.325	78	441222	24.773	ug/L	100
34) Trichloroethene	9.093	95	114126	24.374	ug/L	91
35) Methylcyclohexane	9.337	83	196176	24.698	ug/L	99
37) 1,2-Dichloropropane	9.368	63	113894	24.420	ug/L	100
38) Bromodichloromethane	9.642	83	137039	24.092	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	169065	24.943	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	120467	50.781	ug/L	99
42) Toluene	10.386	91	463732	25.488	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	135053	24.715	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75374	23.929	ug/L	95
46) Tetrachloroethene	10.861	164	85178	23.943	ug/L	88
48) 2-Hexanone	10.965	43	104366	58.678	ug/L	99
49) Dibromochloromethane	11.130	129	83243	25.021	ug/L	93
50) 1,2-Dibromoethane	11.233	107	68521	23.830	ug/L	100
51) Chlorobenzene	11.654	112	286041	24.474	ug/L	95
52) Ethylbenzene	11.727	91	525181	25.405	ug/L	94
53) m,p-Xylene	11.837	106	195122	25.483	ug/L	92
54) o-Xylene	12.166	106	180768	25.497	ug/L	96
55) Styrene	12.178	104	318293	26.040	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	87353	24.566	ug/L	97
59) Bromoform	12.349	173	45338	24.760	ug/L	100
60) Isopropylbenzene	12.459	105	510513	25.332	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63839	23.767	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	382036	26.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	406916	26.269	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	218945	25.281	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	220159	24.340	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	188564	24.293	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13227	23.103	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	149876	25.205	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	116787	24.233	ug/L	97
71) Naphthalene	15.360	128	211836	25.798	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106259	25.806	ug/L	99

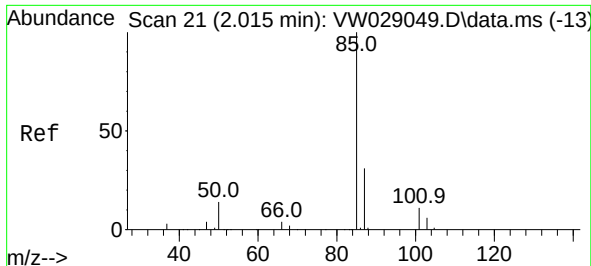
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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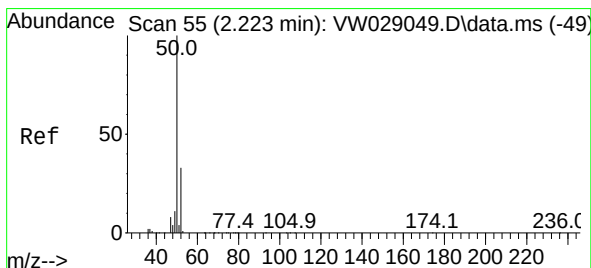
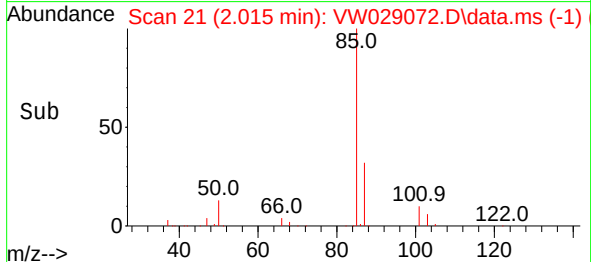
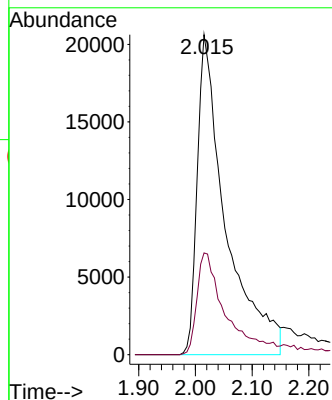
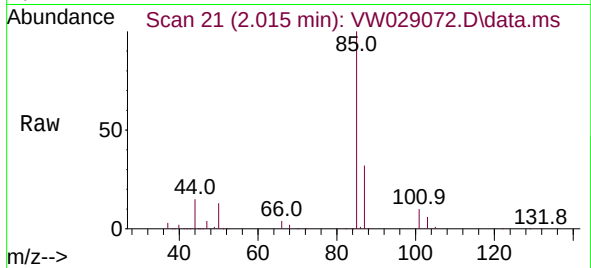




#2
Dichlorodifluoromethane
Concen: 20.179 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

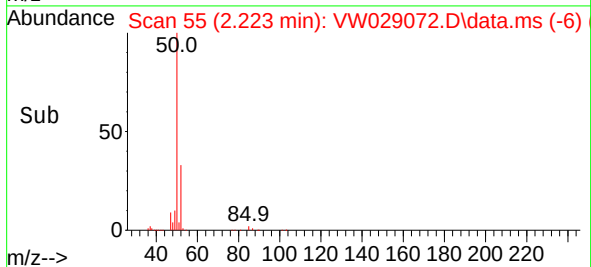
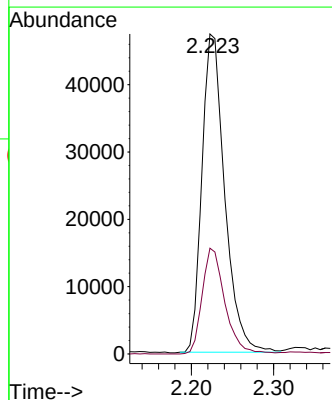
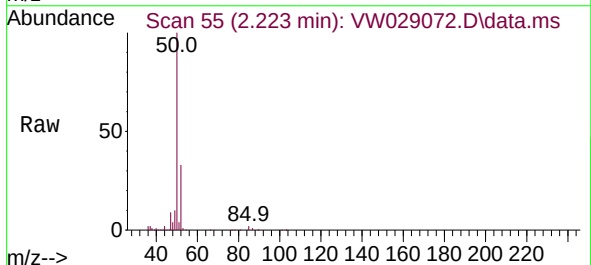
Instrument :
MSVOA_W
ClientSampleId :

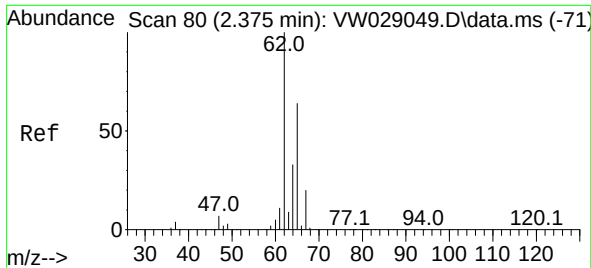
Tgt Ion: 85 Resp: 71763
Ion Ratio Lower Upper
85 100
87 31.5 25.3 37.9



#3
Chloromethane
Concen: 21.018 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion: 50 Resp: 91319
Ion Ratio Lower Upper
50 100
52 33.0 22.1 41.1

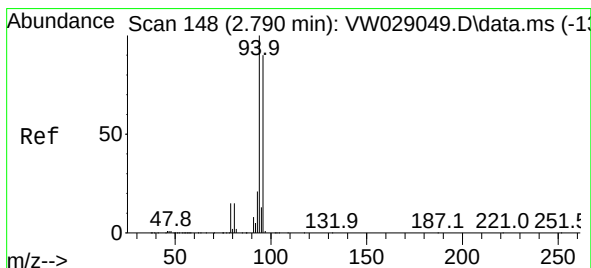
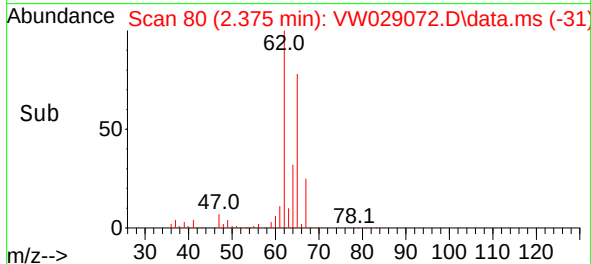
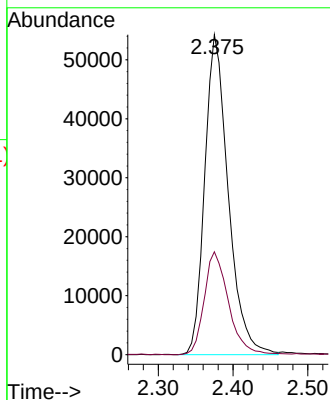
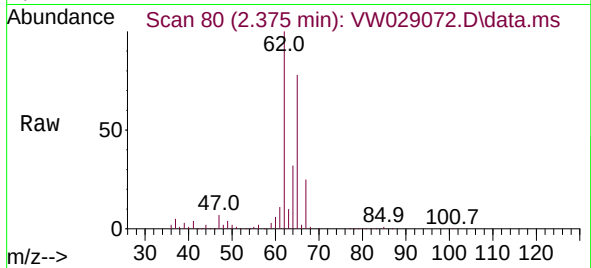




#5
 Vinyl chloride
 Concen: 22.572 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029072.D
 Acq: 10 Jun 2024 09:05

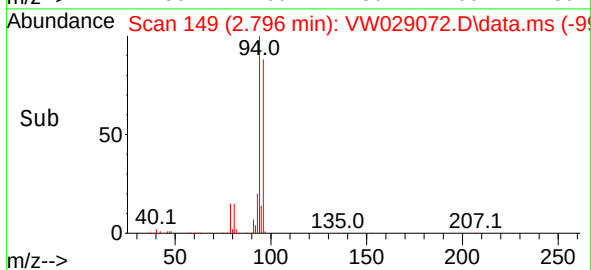
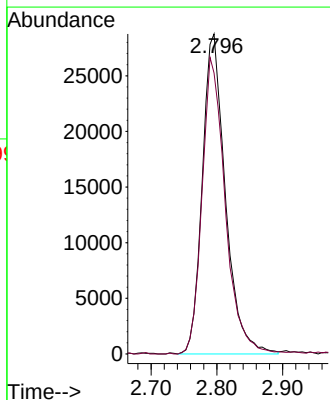
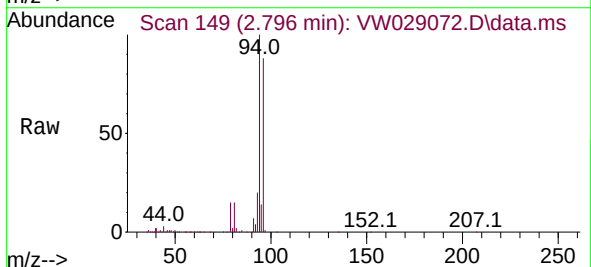
Instrument :
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 ClientSampleId :

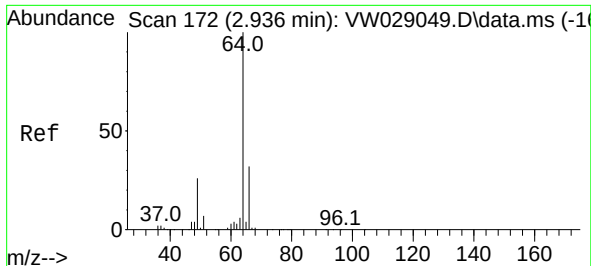
Tgt Ion: 62 Resp: 118708
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.4



#6
 Bromomethane
 Concen: 22.309 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW029072.D
 Acq: 10 Jun 2024 09:05

Tgt Ion: 94 Resp: 70298
 Ion Ratio Lower Upper
 94 100
 96 87.8 63.7 118.3

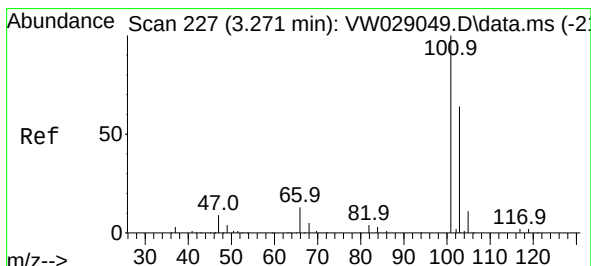
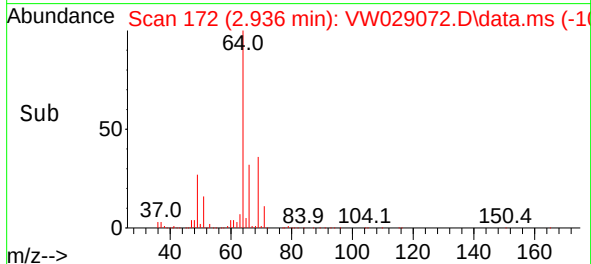
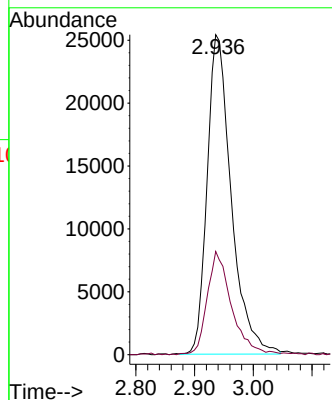
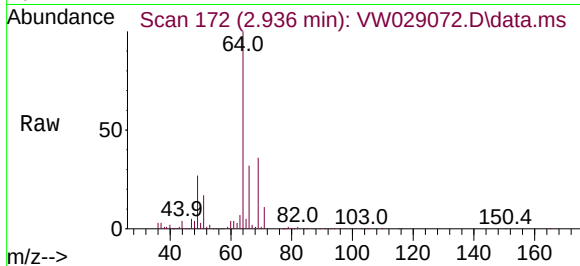




#8
Chloroethane
Concen: 22.771 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

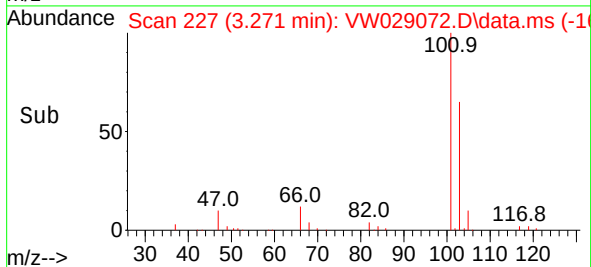
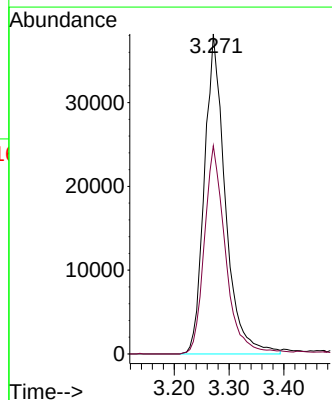
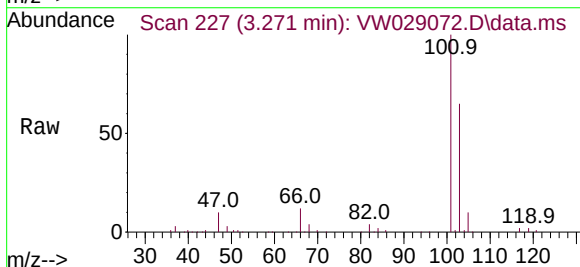
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MSVOA_W
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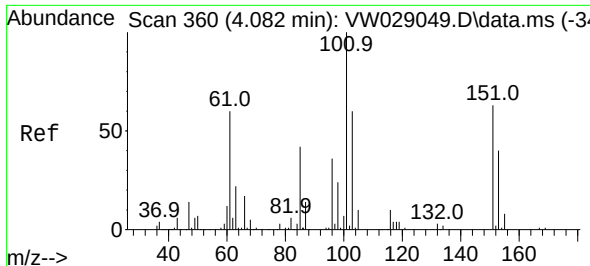
Tgt Ion: 64 Resp: 72322
Ion Ratio Lower Upper
64 100
66 32.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.112 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion:101 Resp: 101038
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9





#10

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

Concen: 24.113 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

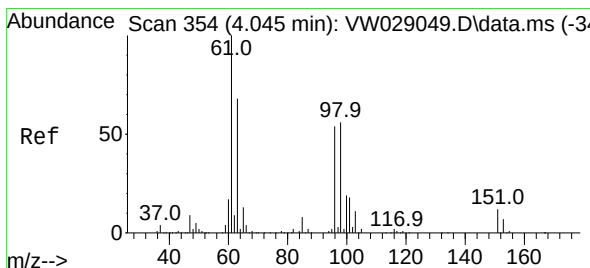
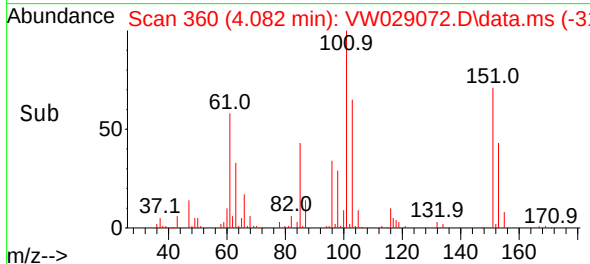
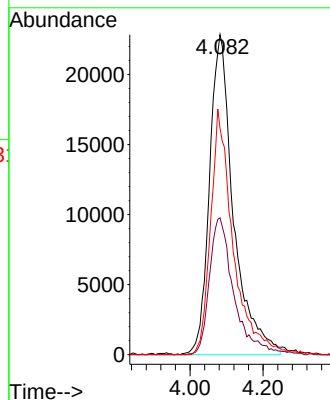
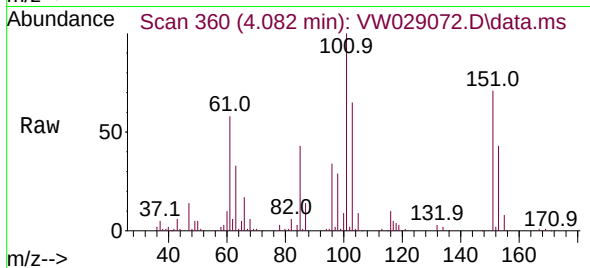
Tgt Ion:101 Resp: 104013

Ion Ratio Lower Upper

101 100

85 40.9 35.8 53.8

151 67.5 58.5 87.7



#12

1,1-Dichloroethene

Concen: 24.273 ug/L

RT: 4.052 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

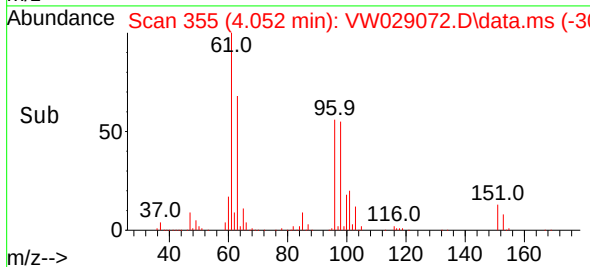
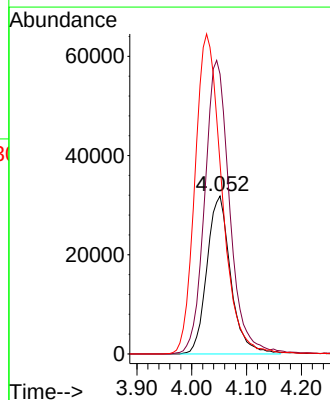
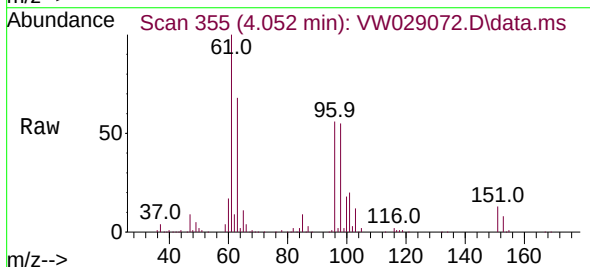
Tgt Ion: 96 Resp: 95555

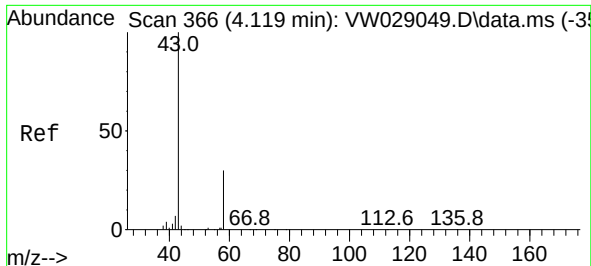
Ion Ratio Lower Upper

96 100

61 177.3 132.2 245.4

63 120.7 108.4 201.2

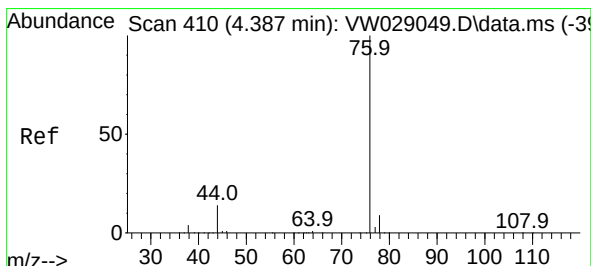
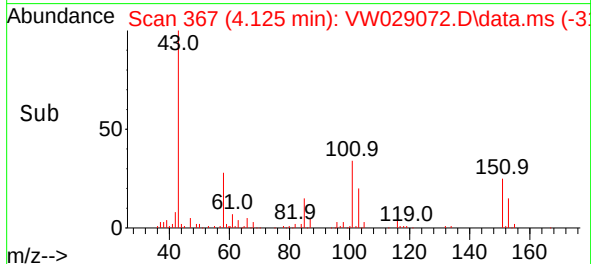
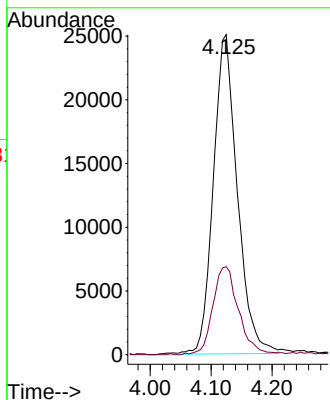
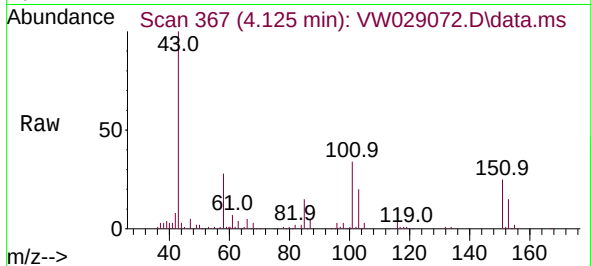




#13
Acetone
Concen: 64.673 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

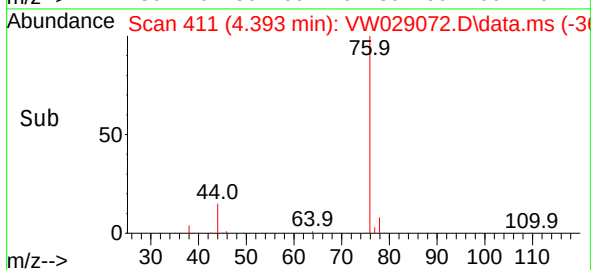
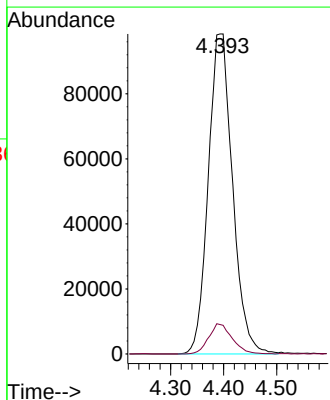
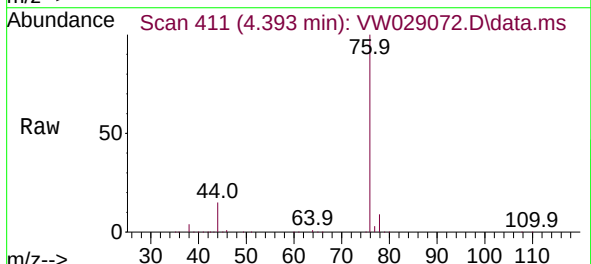
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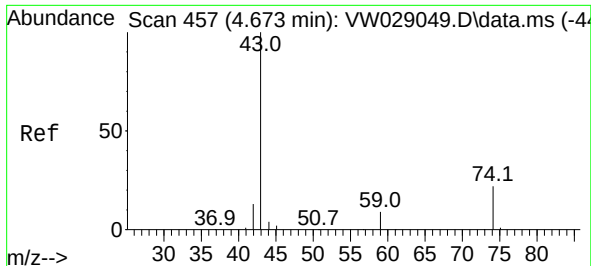
Tgt Ion: 43 Resp: 68512
Ion Ratio Lower Upper
43 100
58 29.4 0.0 59.4



#14
Carbon disulfide
Concen: 23.502 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 313233
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

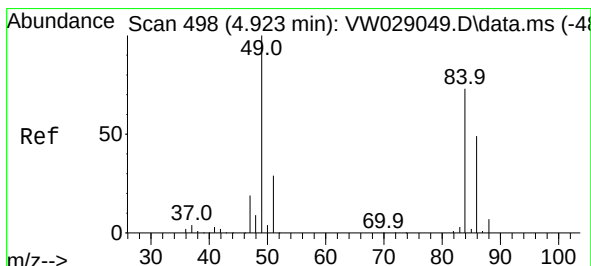
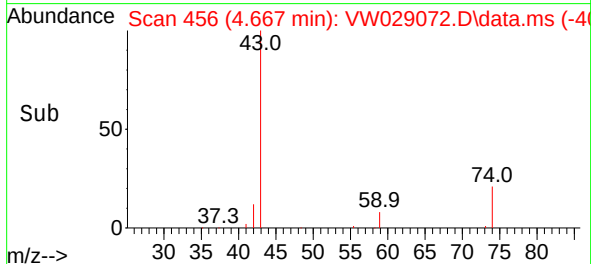
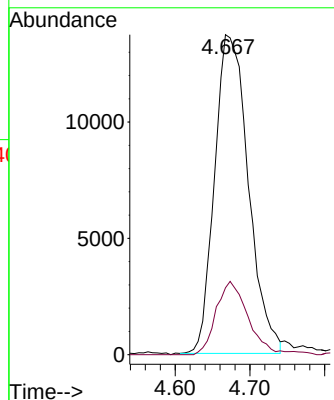
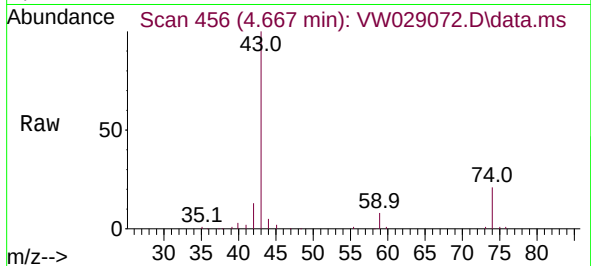




#15
Methyl Acetate
Concen: 24.482 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

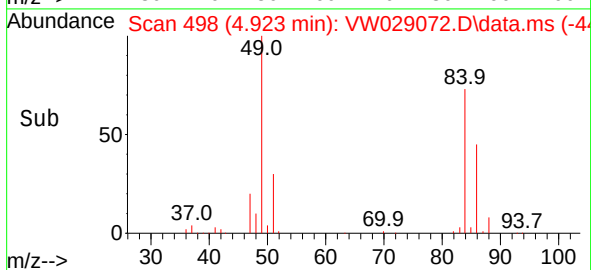
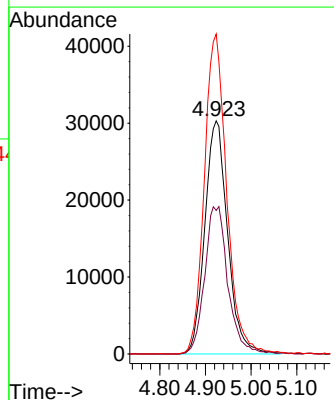
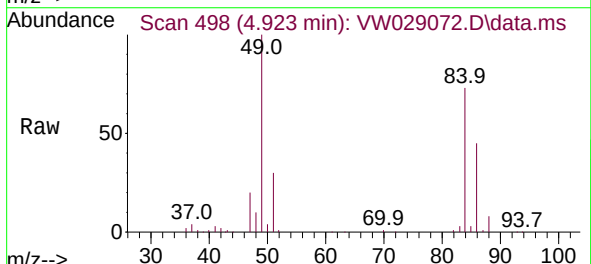
Instrument :
MSVOA_W
ClientSampleId :

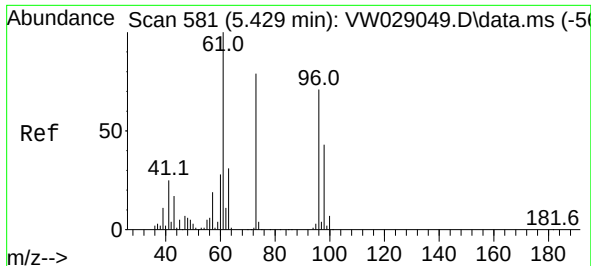
Tgt Ion: 43 Resp: 43075
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2



#16
Methylene chloride
Concen: 22.483 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion: 84 Resp: 105089
Ion Ratio Lower Upper
84 100
86 61.5 43.8 81.4
49 137.2 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 23.565 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

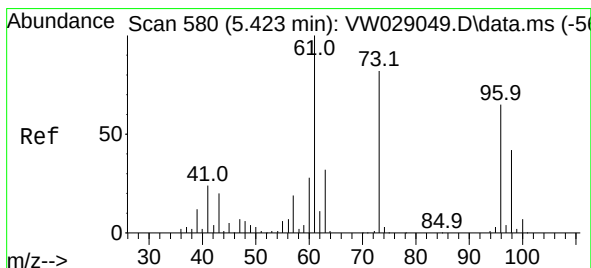
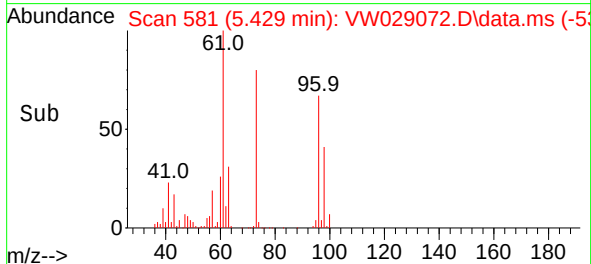
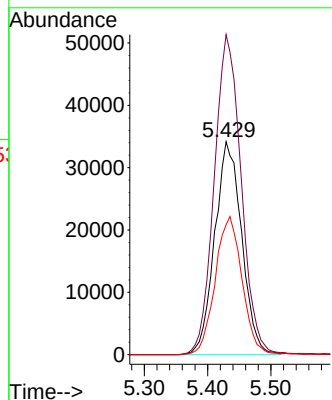
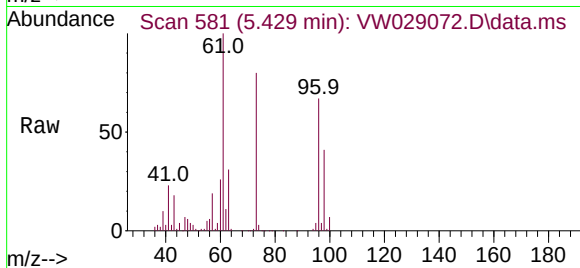
Tgt Ion: 96 Resp: 101143

Ion Ratio Lower Upper

96 100

61 150.2 104.6 194.2

98 61.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 24.150 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

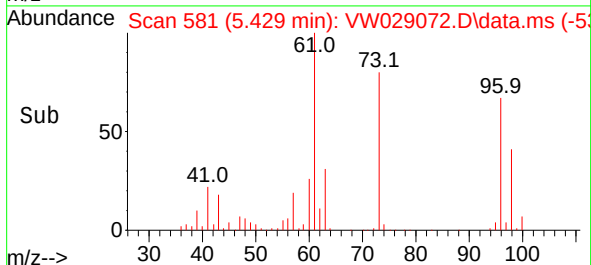
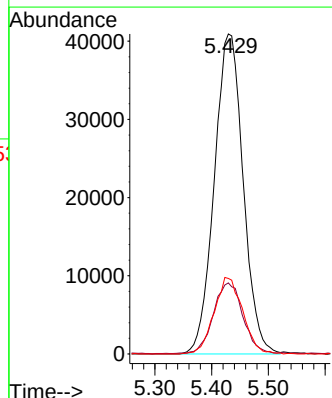
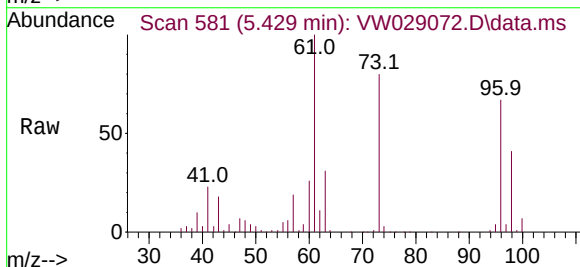
Tgt Ion: 73 Resp: 144541

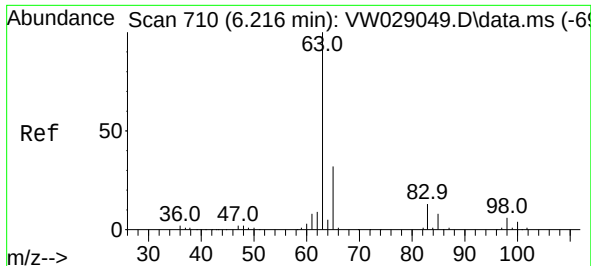
Ion Ratio Lower Upper

73 100

43 22.4 17.8 26.6

57 23.4 18.4 27.6





#19

1,1-Dichloroethane

Concen: 23.946 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

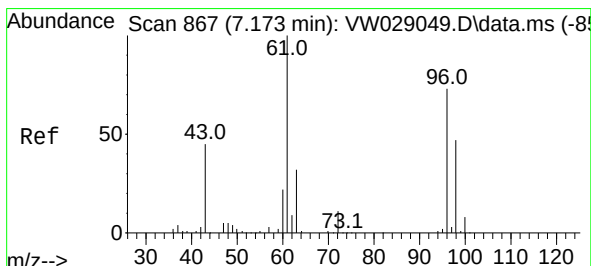
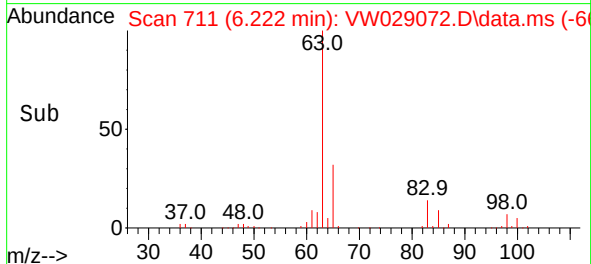
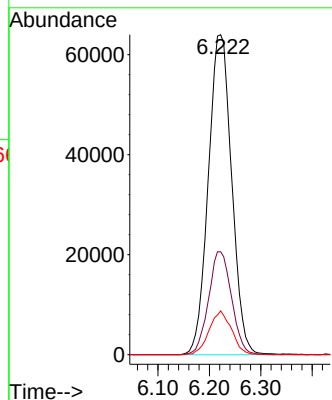
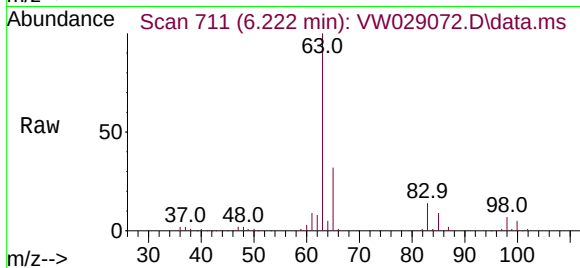
Tgt Ion: 63 Resp: 202065

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 13.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 23.999 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

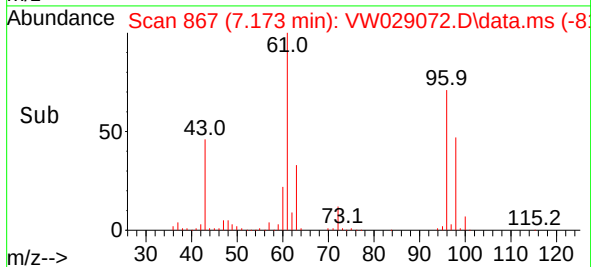
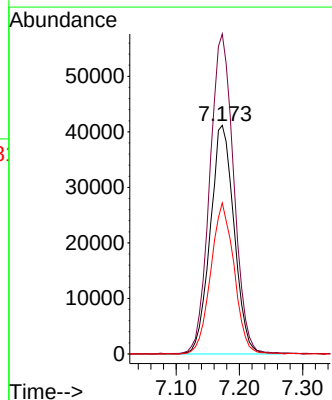
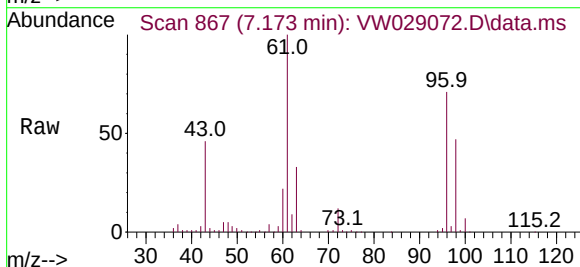
Tgt Ion: 96 Resp: 107989

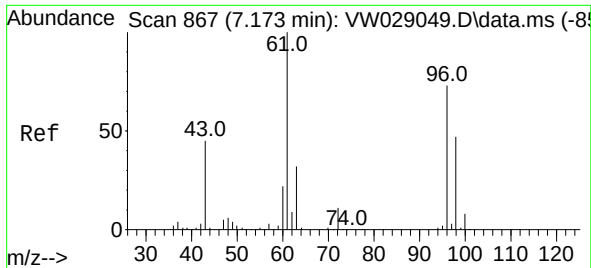
Ion Ratio Lower Upper

96 100

61 140.0 92.9 172.5

98 66.0 45.2 84.0

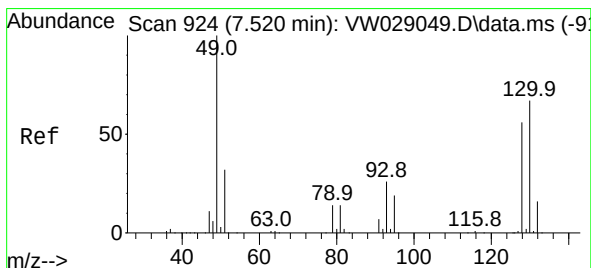
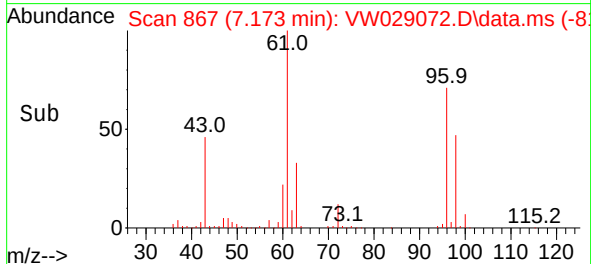
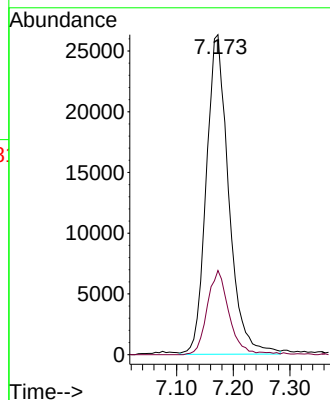
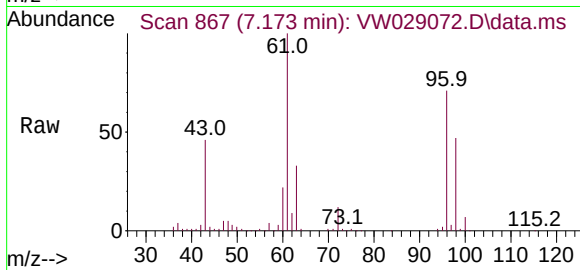




#22
2-Butanone
Concen: 56.728 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

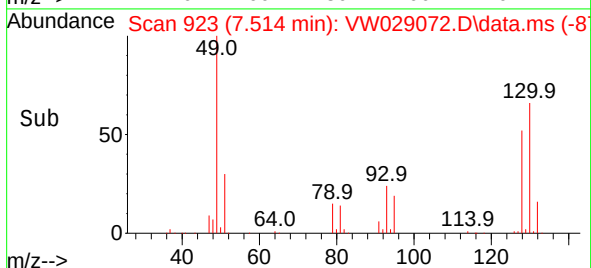
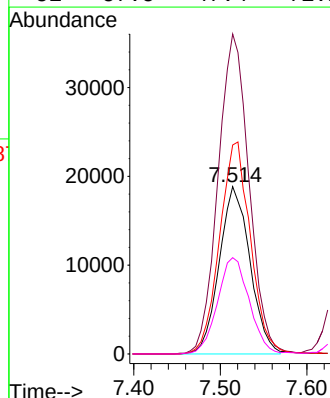
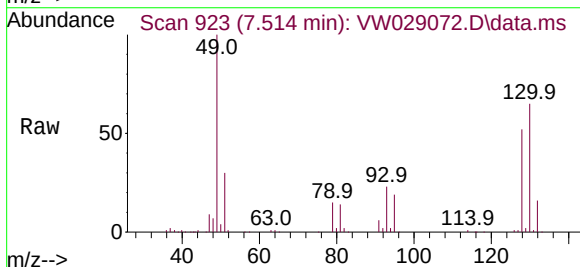
Instrument :
MSVOA_W
ClientSampleId :

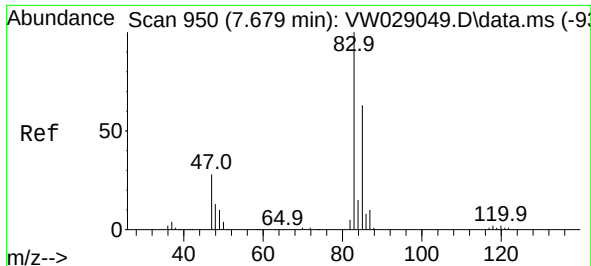
Tgt Ion: 43 Resp: 72415
Ion Ratio Lower Upper
43 100
72 25.1 12.5 37.5



#23
Bromochloromethane
Concen: 23.625 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion: 128 Resp: 46405
Ion Ratio Lower Upper
128 100
49 191.3 135.9 252.3
130 124.9 89.0 165.2
51 57.5 47.4 71.2





#25

Chloroform

Concen: 24.068 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

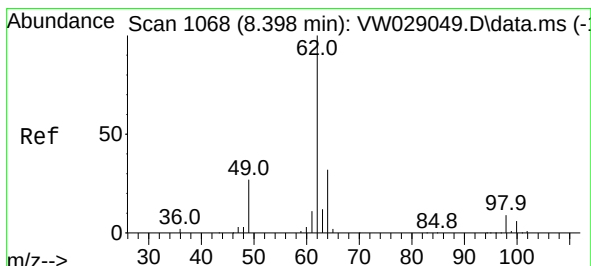
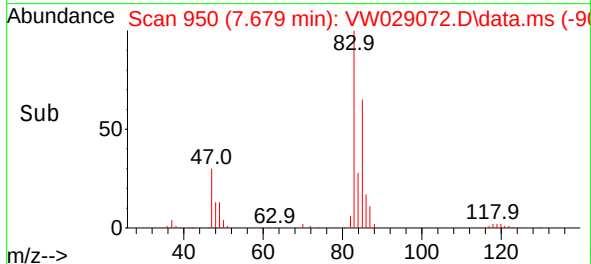
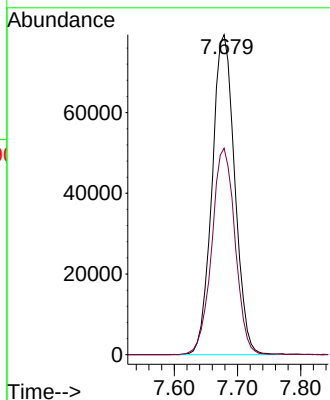
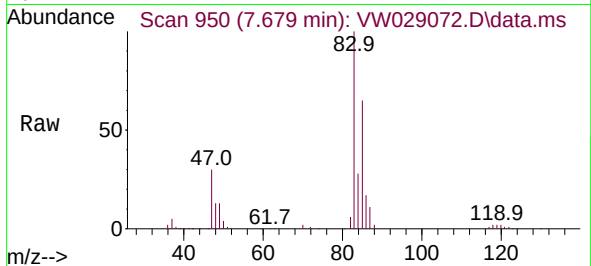
ClientSampleId :

Tgt Ion: 83 Resp: 197256

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 23.863 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029072.D

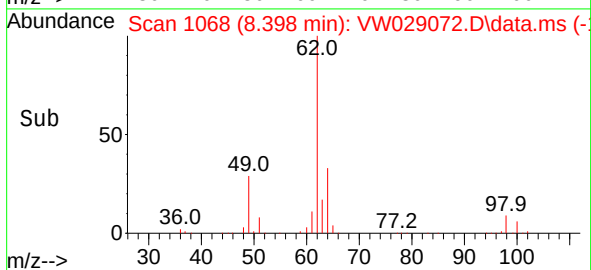
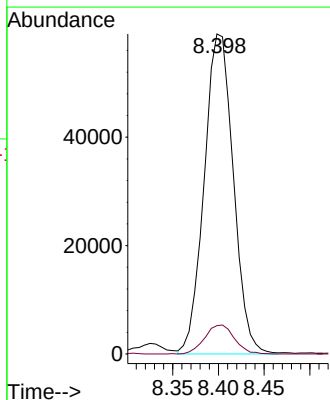
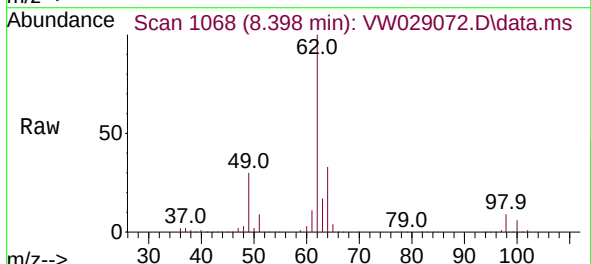
Acq: 10 Jun 2024 09:05

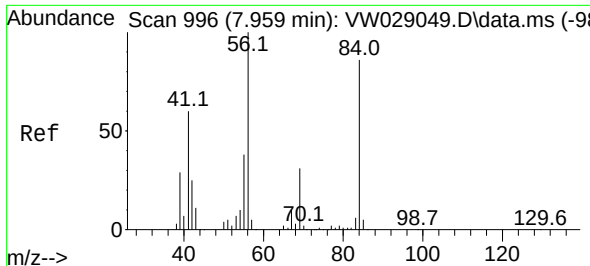
Tgt Ion: 62 Resp: 131068

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 25.256 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

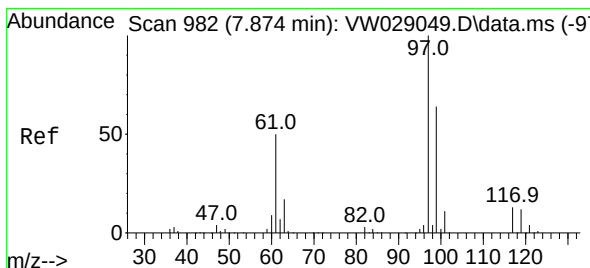
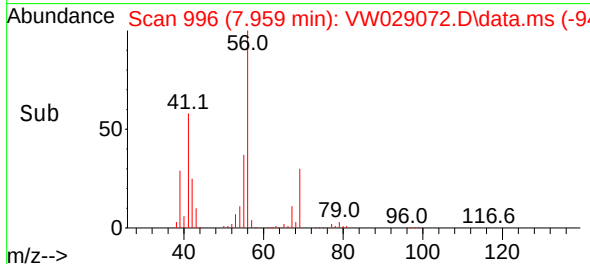
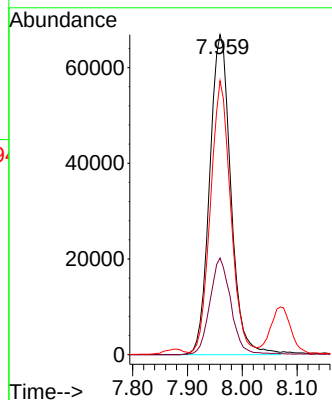
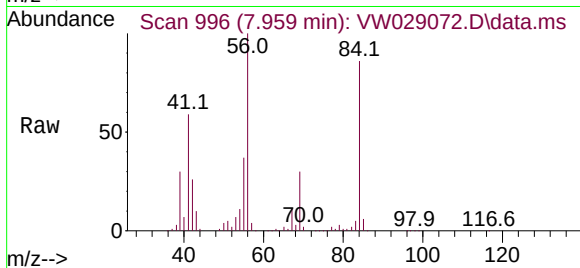
Tgt Ion: 56 Resp: 179862

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

84 82.0 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 24.013 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

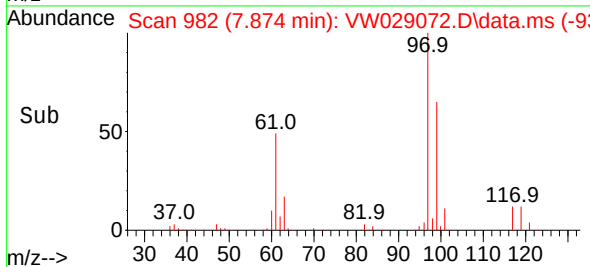
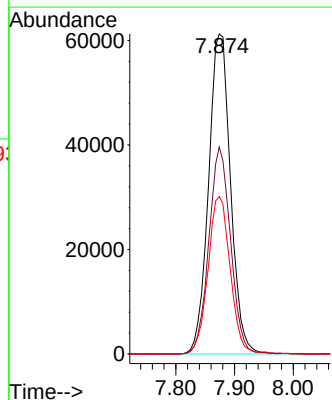
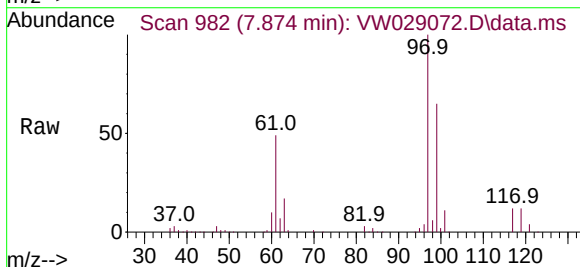
Tgt Ion: 97 Resp: 159367

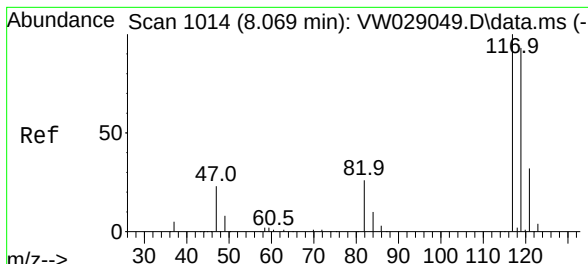
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 49.5 39.6 59.4



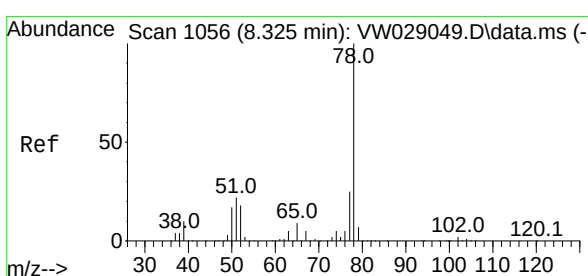
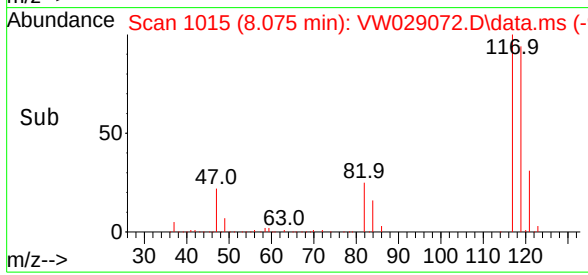
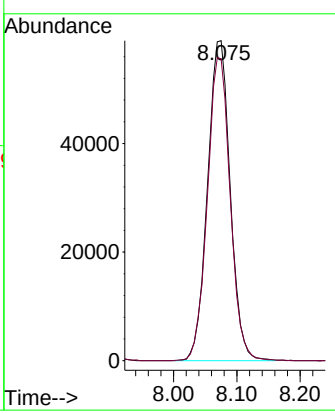
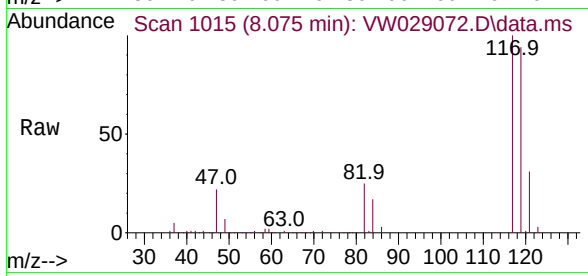


#31
Carbon tetrachloride
Concen: 24.252 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

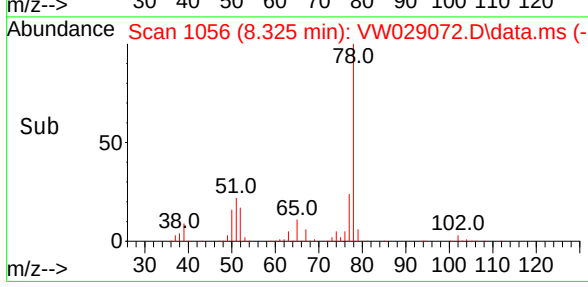
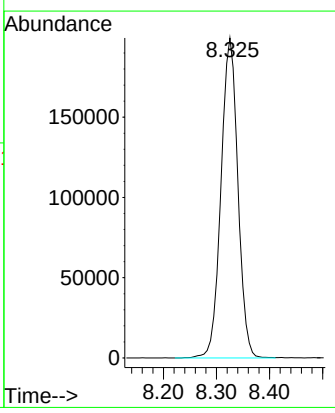
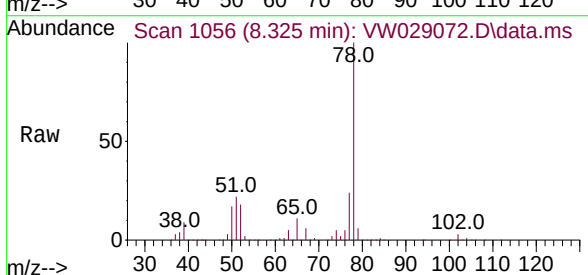
Tgt Ion:117 Resp: 146603

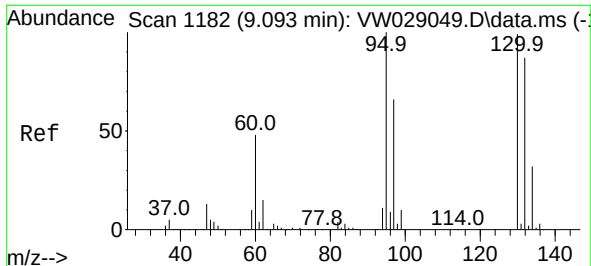
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.8	118.2



#33
Benzene
Concen: 24.773 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion: 78 Resp: 441222





#34

Trichloroethene

Concen: 24.374 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

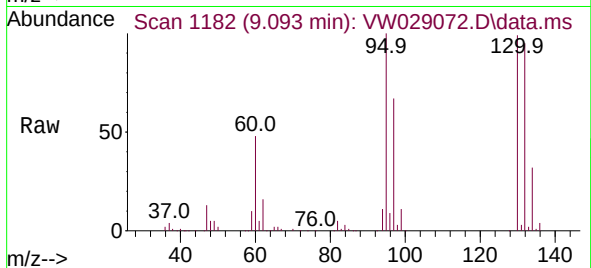
Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 114126

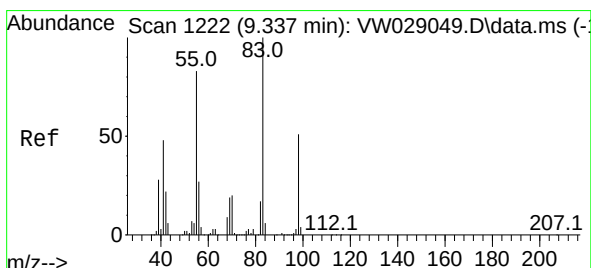
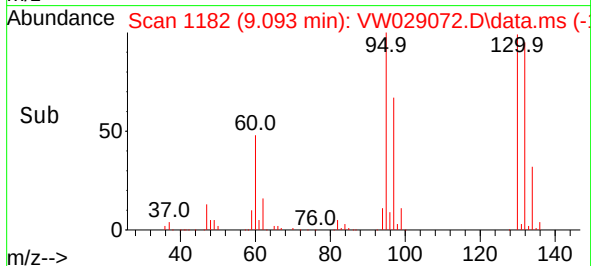
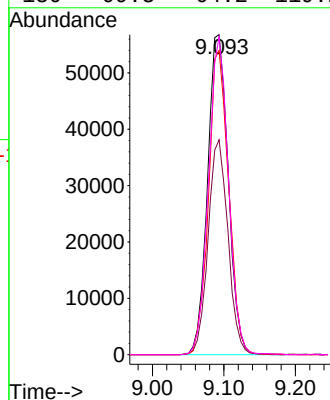
Ion Ratio Lower Upper

95 100

97 67.2 41.9 77.7

132 95.1 60.1 111.5

130 99.3 64.2 119.2



#35

Methylcyclohexane

Concen: 24.698 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

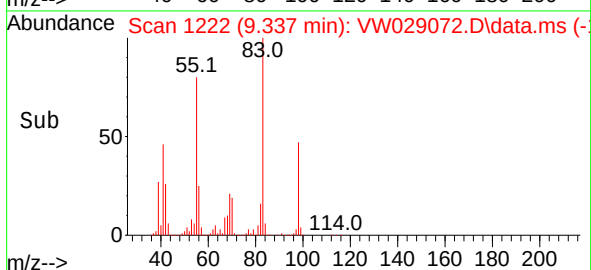
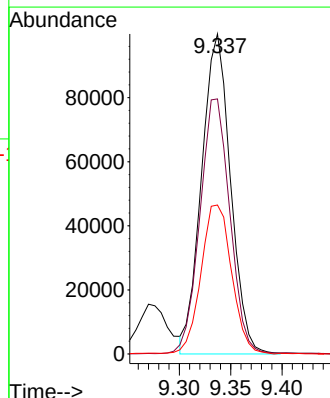
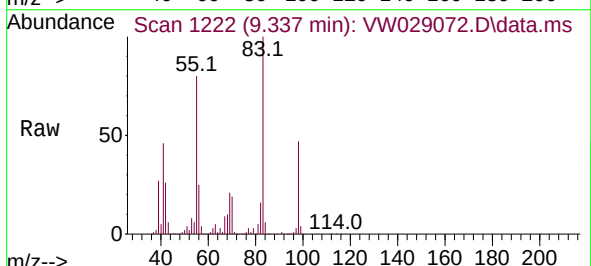
Tgt Ion: 83 Resp: 196176

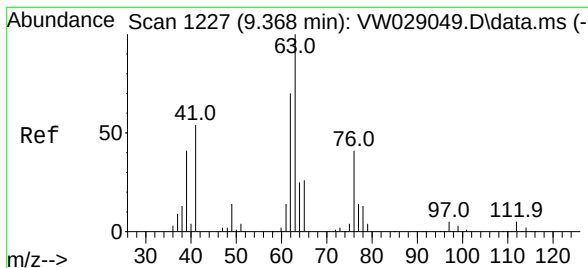
Ion Ratio Lower Upper

83 100

55 82.6 65.8 98.6

98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 24.420 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

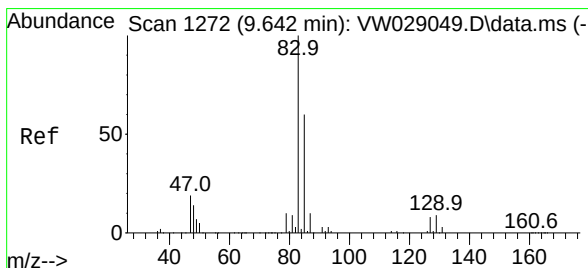
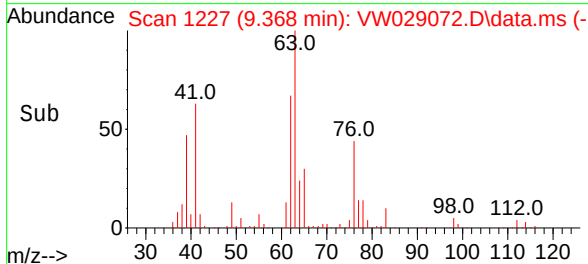
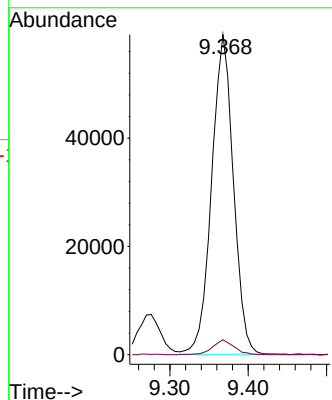
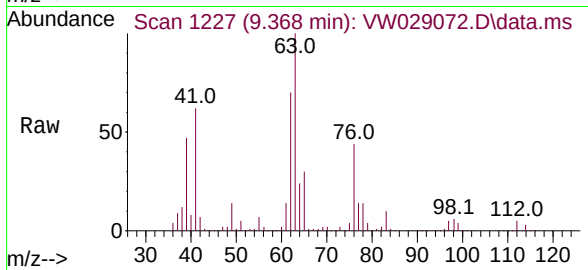
ClientSampleId :

Tgt Ion: 63 Resp: 113894

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 24.092 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

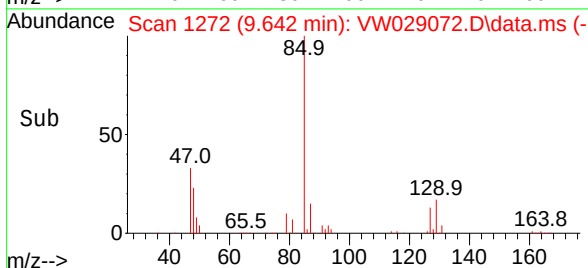
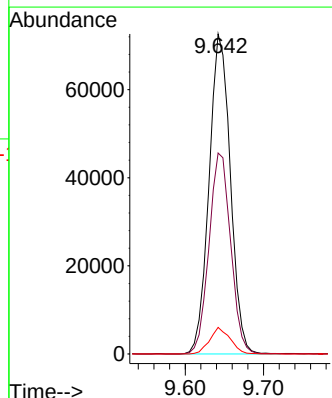
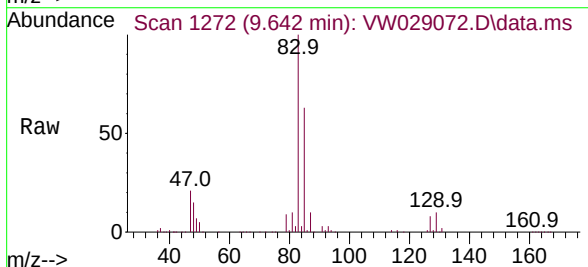
Tgt Ion: 83 Resp: 137039

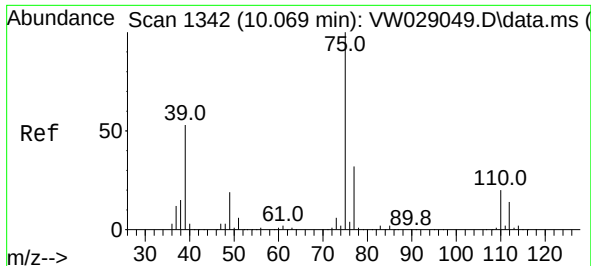
Ion Ratio Lower Upper

83 100

85 62.8 43.9 81.5

127 8.3 5.4 8.2#





#39

cis-1,3-Dichloropropene

Concen: 24.943 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

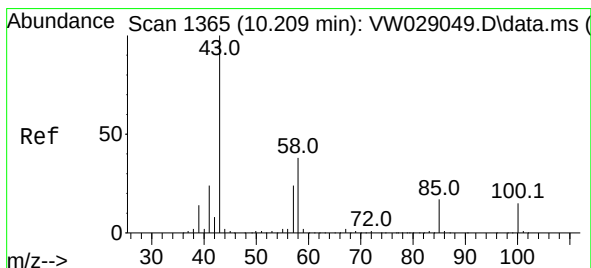
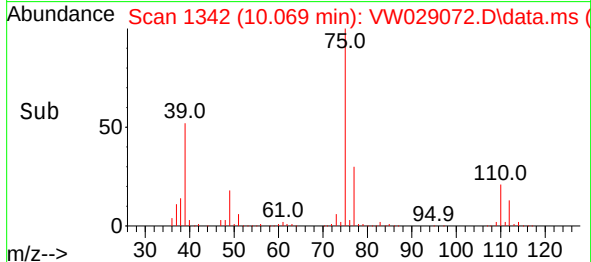
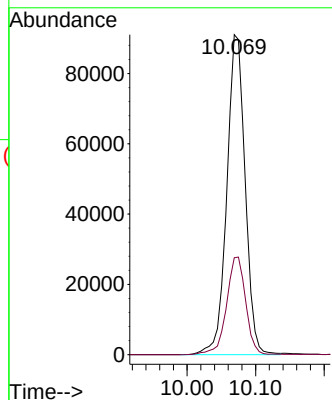
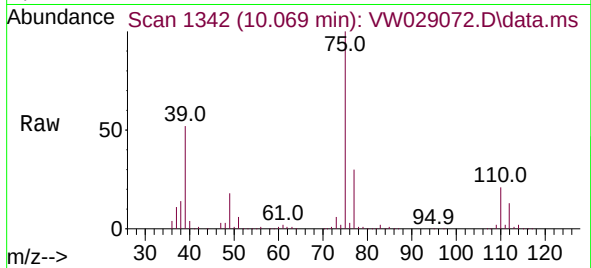
ClientSampleId :

Tgt Ion: 75 Resp: 169065

Ion Ratio Lower Upper

75 100

77 30.3 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 50.781 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

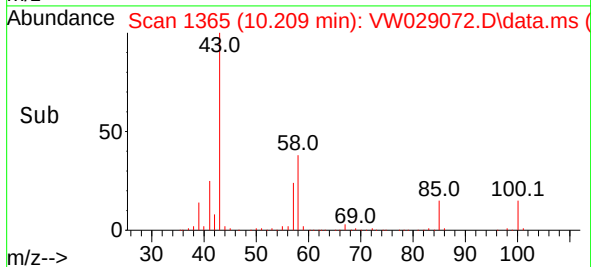
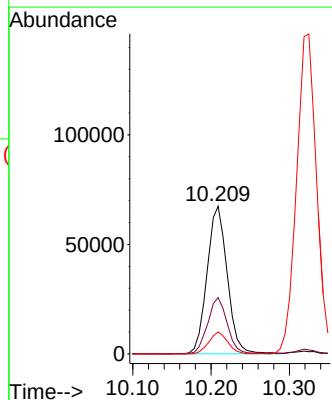
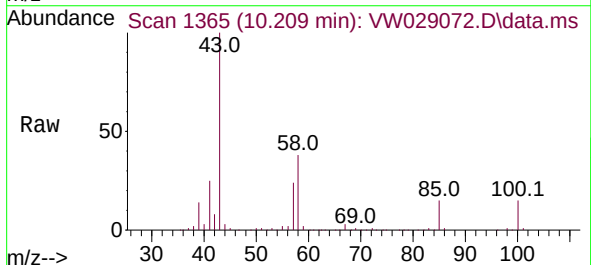
Tgt Ion: 43 Resp: 120467

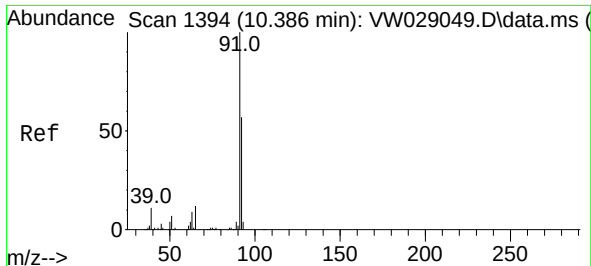
Ion Ratio Lower Upper

43 100

58 37.2 30.3 45.5

100 14.1 10.7 16.1

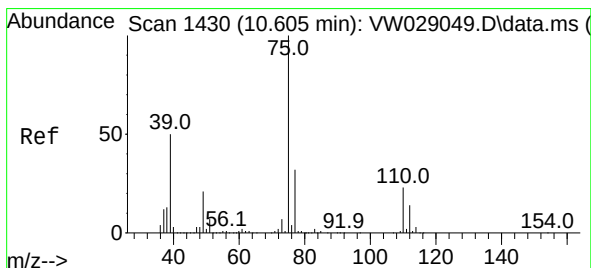
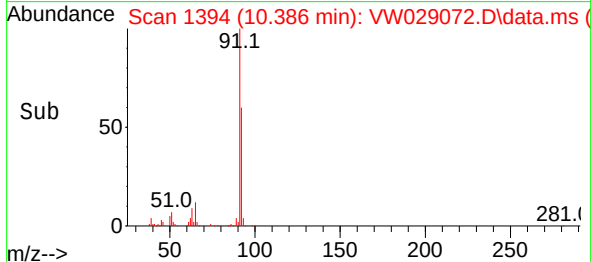
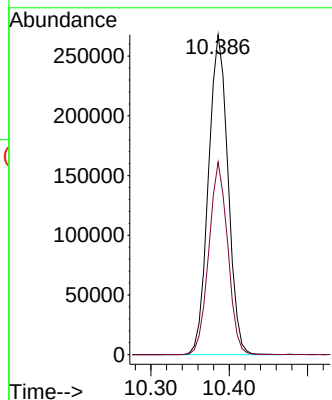
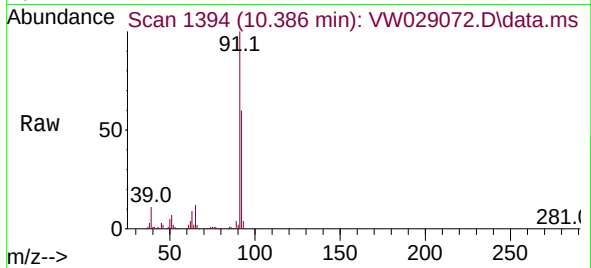




#42
Toluene
Concen: 25.488 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

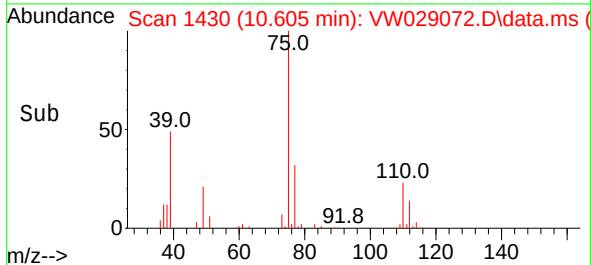
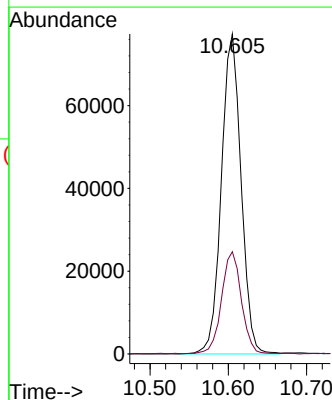
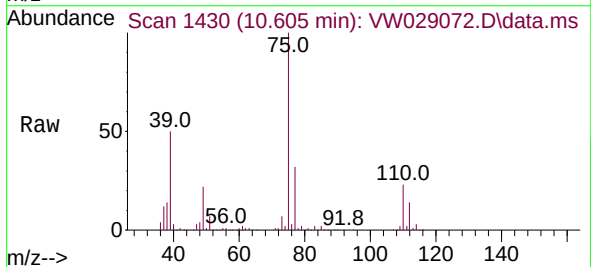
Instrument :
MSVOA_W
ClientSampleId :

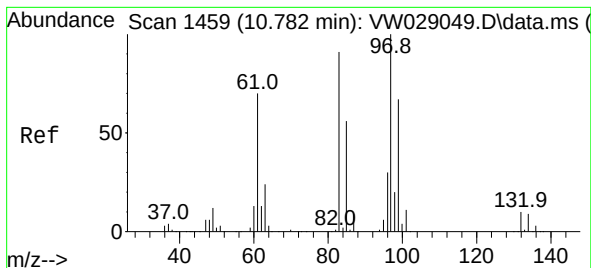
Tgt Ion: 91 Resp: 463732
Ion Ratio Lower Upper
91 100
92 60.2 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 24.715 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion: 75 Resp: 135053
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 23.929 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 75374

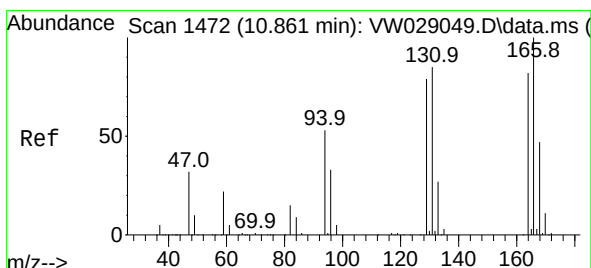
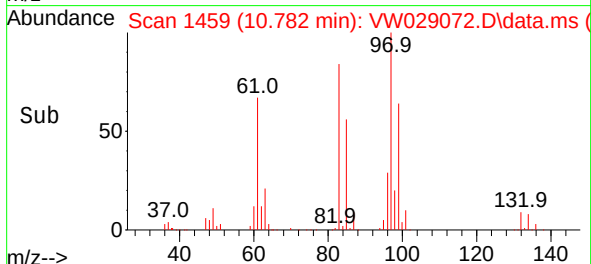
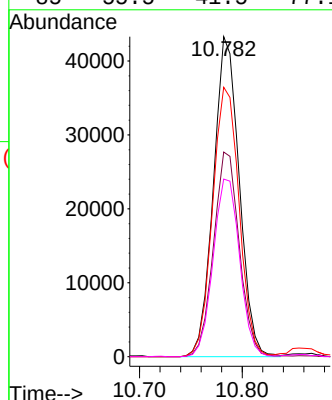
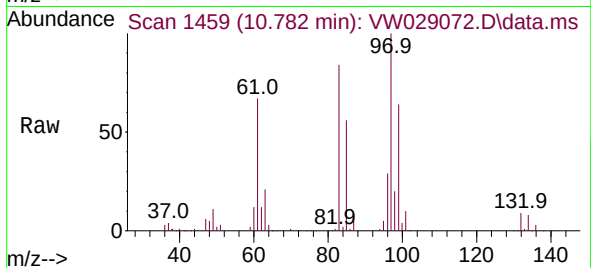
Ion Ratio Lower Upper

97 100

99 63.9 41.8 77.6

83 84.2 62.4 115.8

85 55.5 41.5 77.1



#46

Tetrachloroethene

Concen: 23.943 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Tgt Ion:164 Resp: 85178

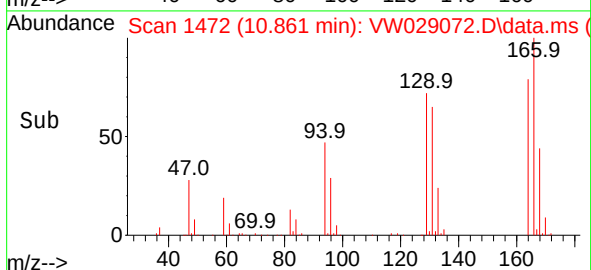
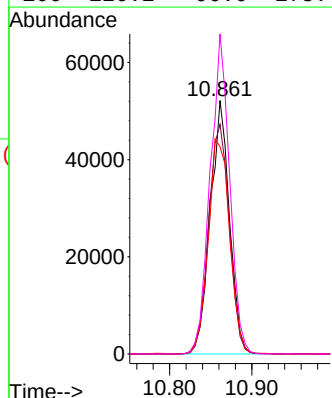
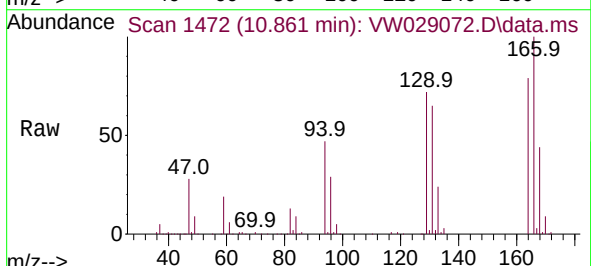
Ion Ratio Lower Upper

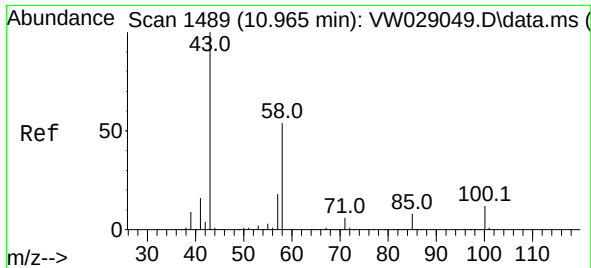
164 100

129 90.6 69.4 128.8

131 81.8 71.0 131.9

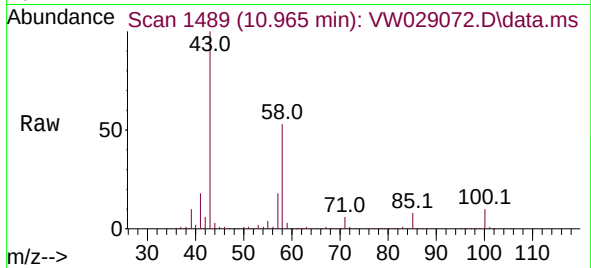
166 126.2 96.0 178.4



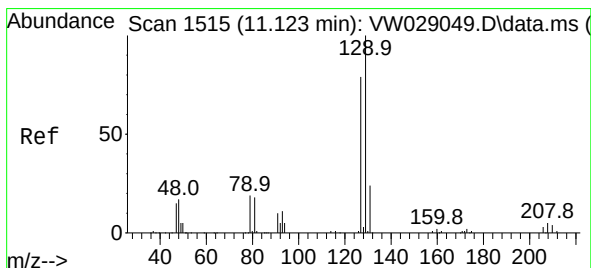
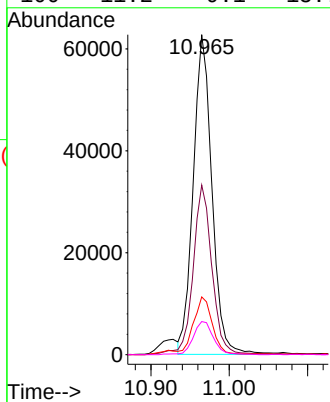
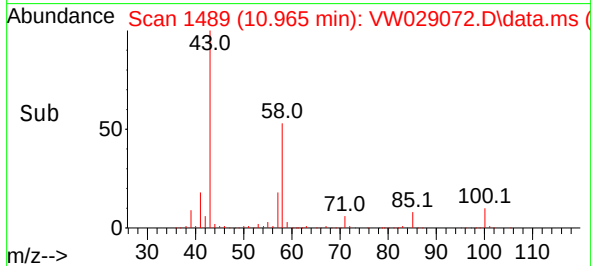


#48
2-Hexanone
Concen: 58.678 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

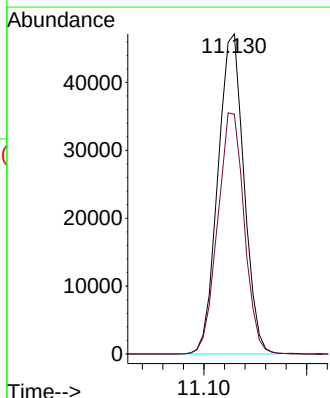
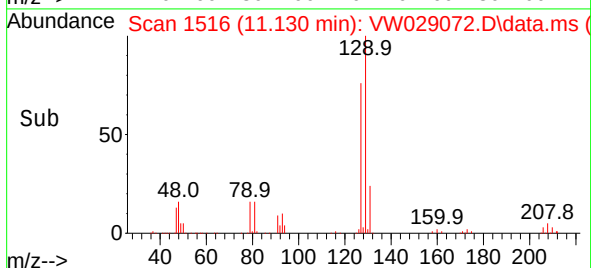
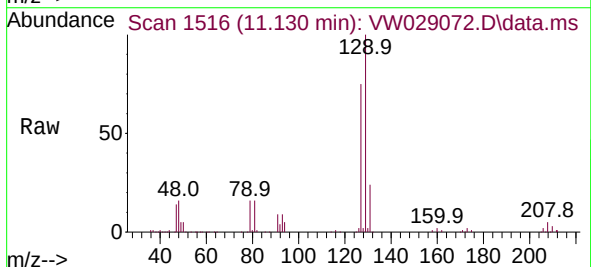


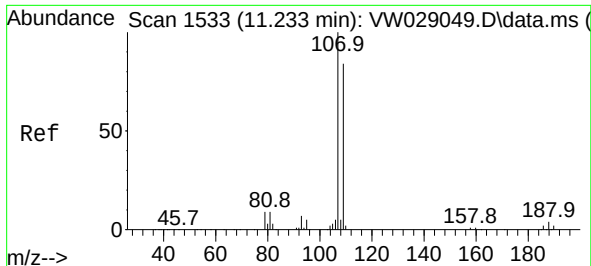
Tgt Ion:	43	Resp:	104366
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.4	62.0
57	17.7	14.2	21.4
100	11.2	9.1	13.7



#49
Dibromochloromethane
Concen: 25.021 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion:	129	Resp:	83243
Ion	Ratio	Lower	Upper
129	100		
127	74.9	56.5	104.9





#50

1,2-Dibromoethane

Concen: 23.830 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029072.D

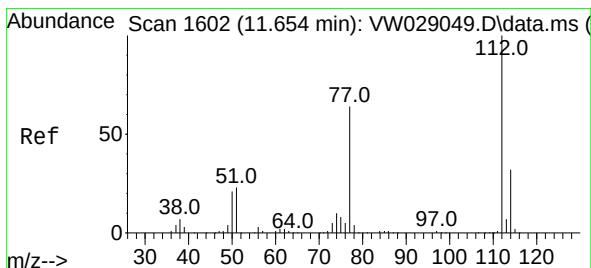
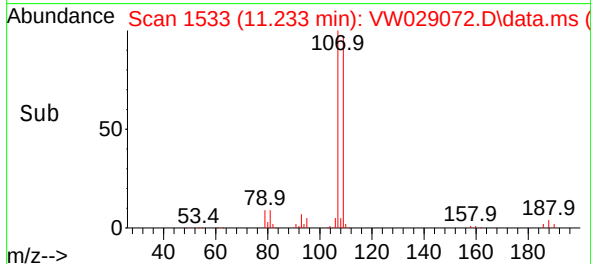
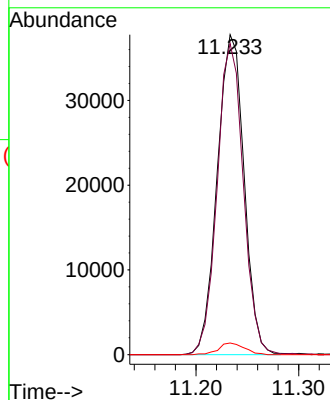
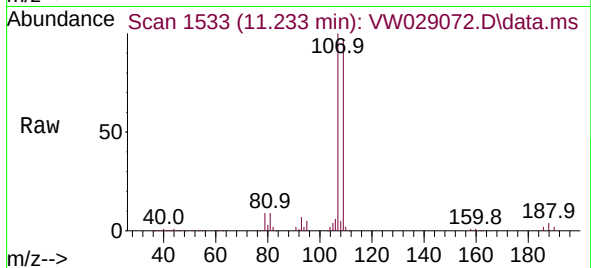
Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	68521
Ion	Ratio	Lower	Upper
107	100		
109	97.2	67.9	126.1
188	3.7	3.0	4.4



#51

Chlorobenzene

Concen: 24.474 ug/L

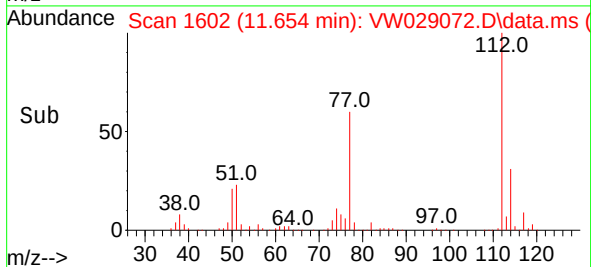
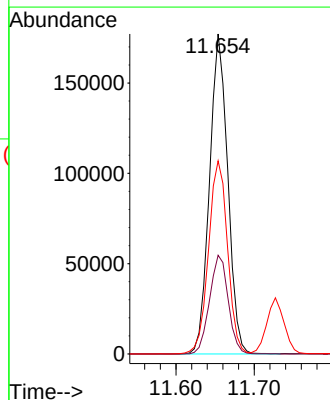
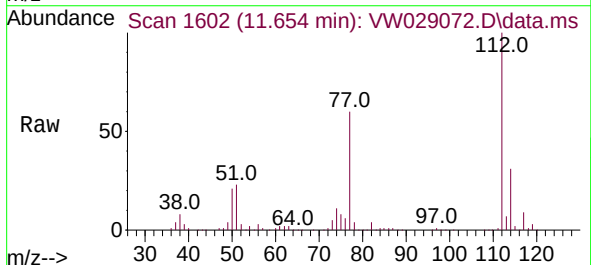
RT: 11.654 min Scan# 1602

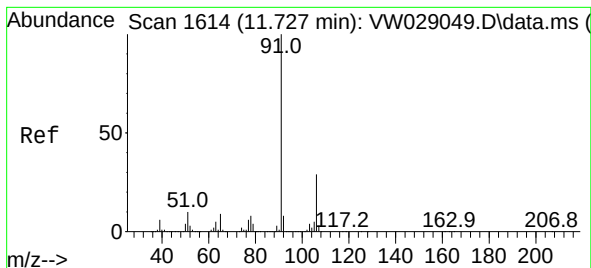
Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Tgt Ion:	112	Resp:	286041
Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.7	44.1
77	60.3	51.7	77.5





#52

Ethylbenzene

Concen: 25.405 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

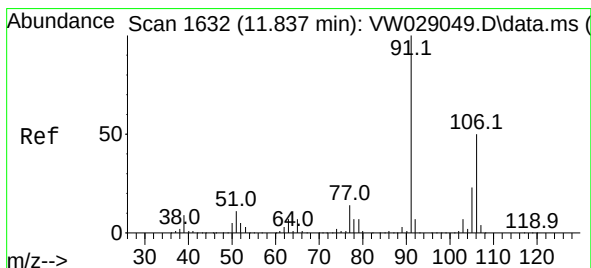
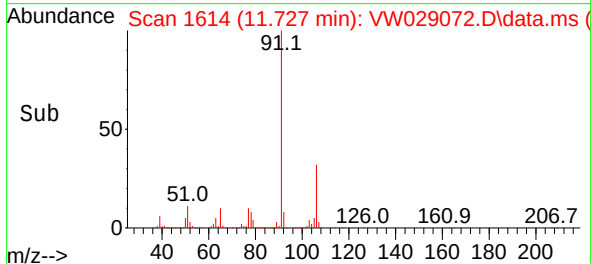
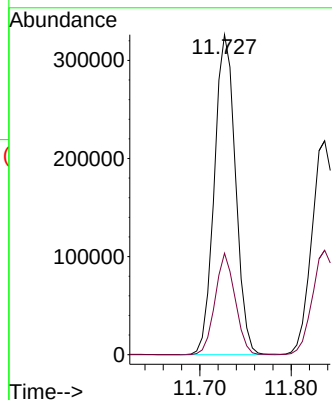
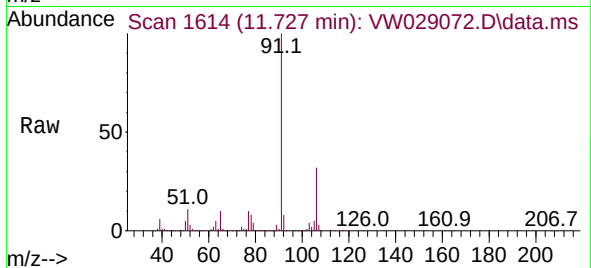
ClientSampleId :

Tgt Ion: 91 Resp: 525181

Ion Ratio Lower Upper

91 100

106 31.7 19.9 37.0



#53

m,p-Xylene

Concen: 25.483 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029072.D

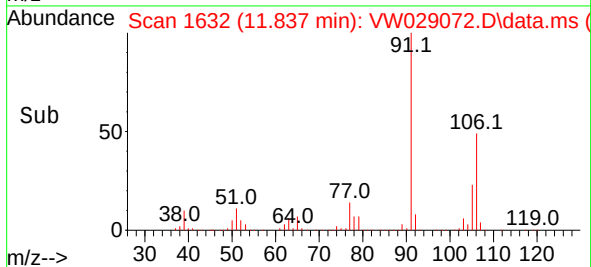
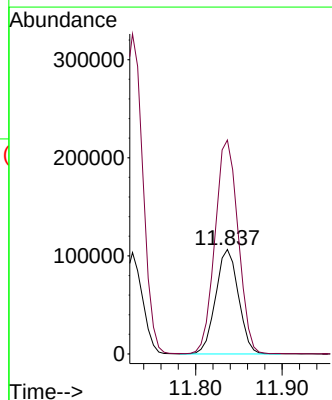
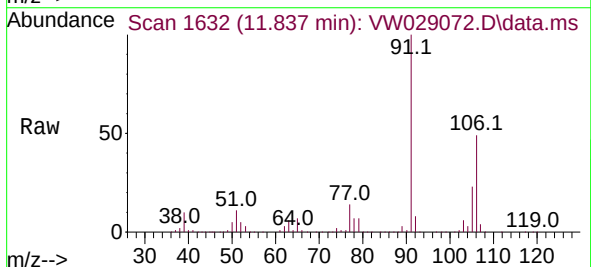
Acq: 10 Jun 2024 09:05

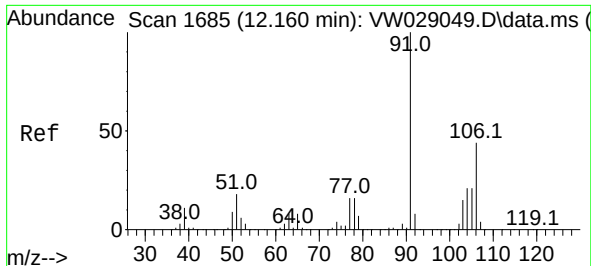
Tgt Ion:106 Resp: 195122

Ion Ratio Lower Upper

106 100

91 204.7 152.0 282.2

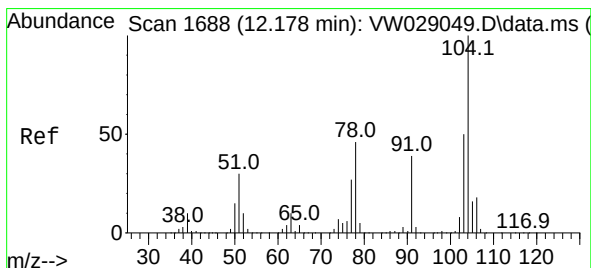
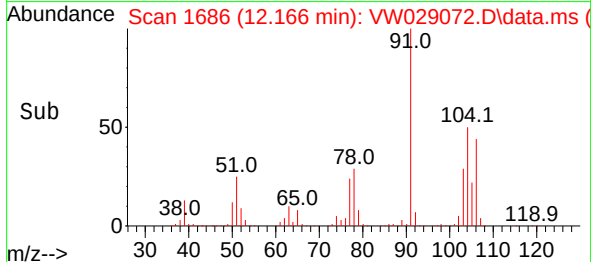
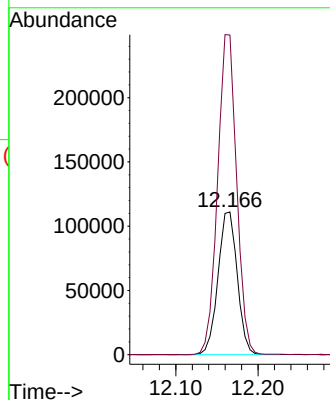
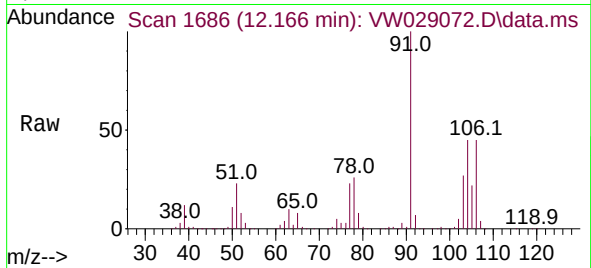




#54
o-Xylene
Concen: 25.497 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

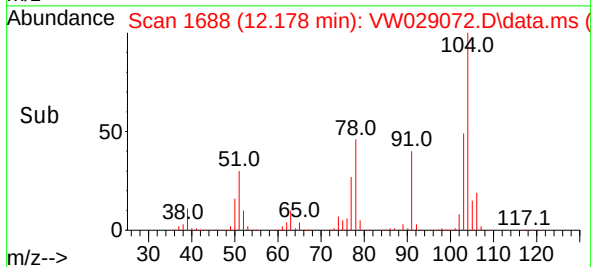
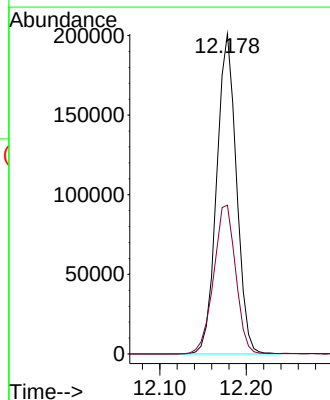
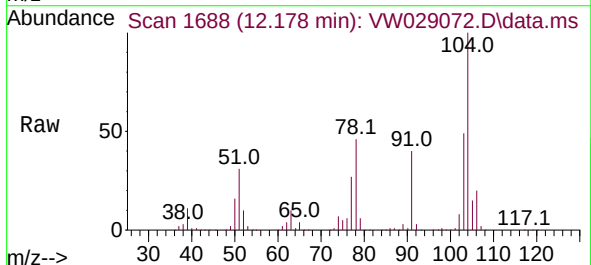
Instrument :
MSVOA_W
ClientSampleId :

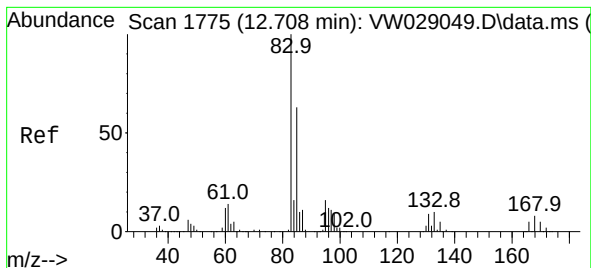
Tgt Ion:106 Resp: 180768
Ion Ratio Lower Upper
106 100
91 224.0 152.5 283.3



#55
Styrene
Concen: 26.040 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion:104 Resp: 318293
Ion Ratio Lower Upper
104 100
78 46.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.566 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

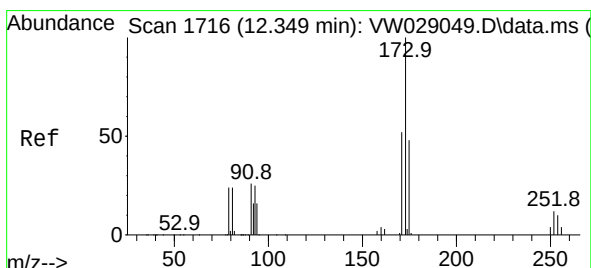
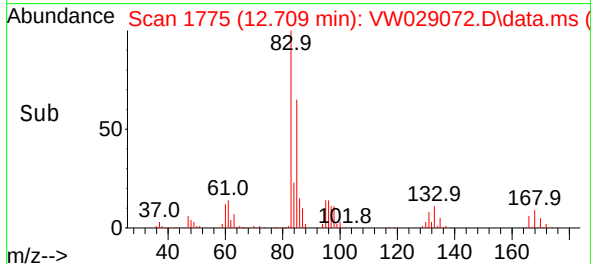
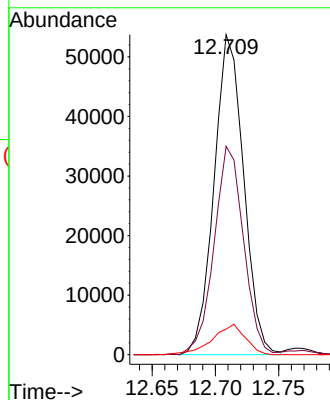
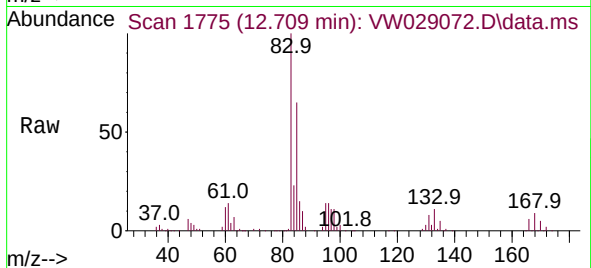
Tgt Ion: 83 Resp: 87353

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.3

131 8.0 7.3 10.9



#59

Bromoform

Concen: 24.760 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

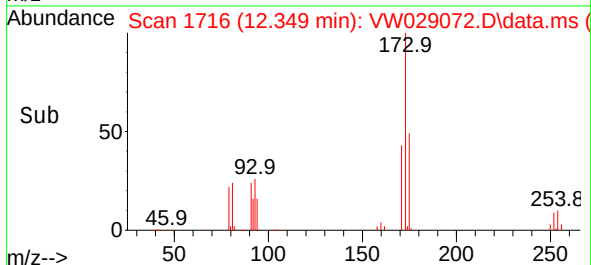
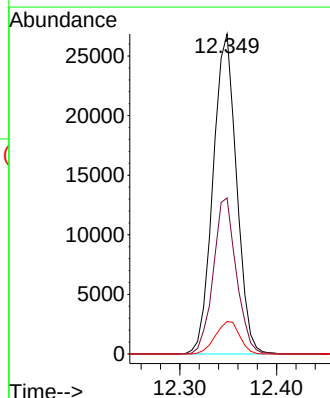
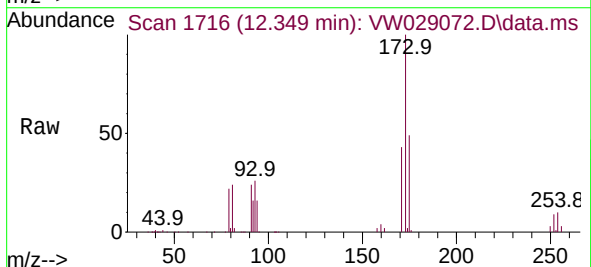
Tgt Ion:173 Resp: 45338

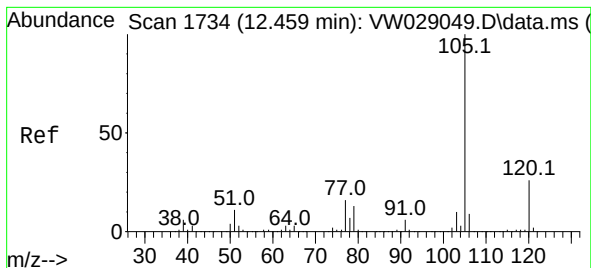
Ion Ratio Lower Upper

173 100

175 47.7 38.1 57.1

254 10.5 8.2 12.2





#60

Isopropylbenzene

Concen: 25.332 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

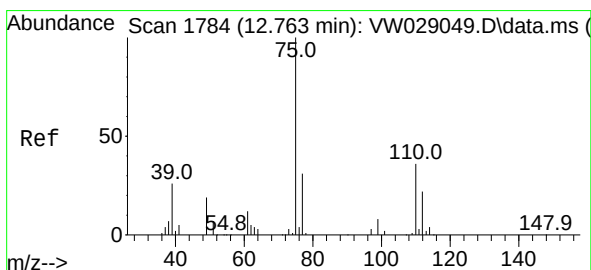
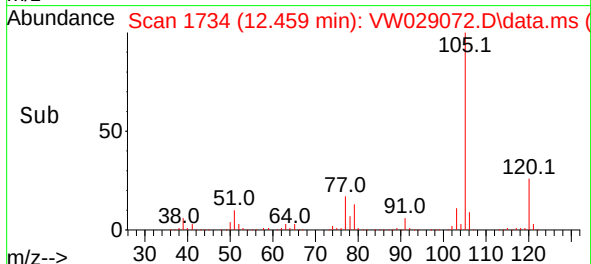
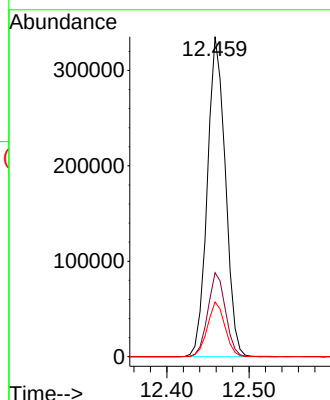
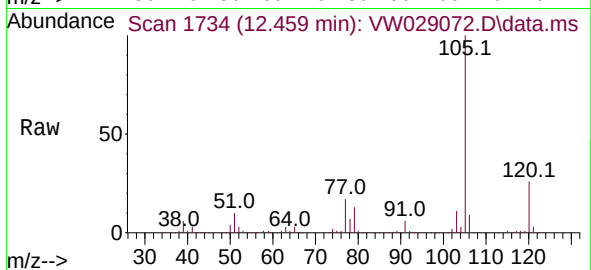
Tgt Ion:105 Resp: 510513

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

77 16.7 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 23.767 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

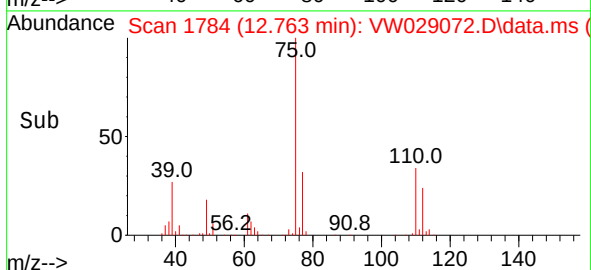
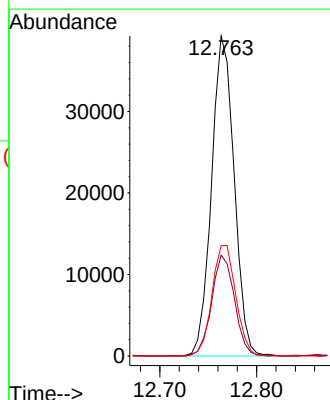
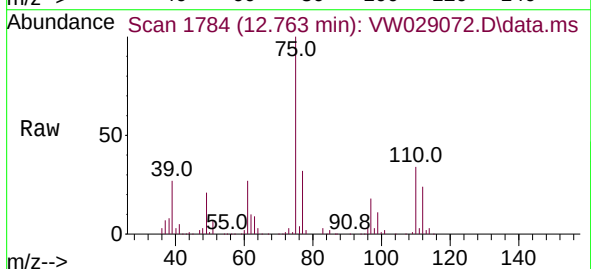
Tgt Ion: 75 Resp: 63839

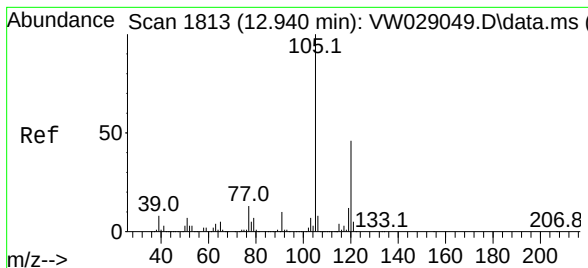
Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5

110 36.3 29.4 44.0

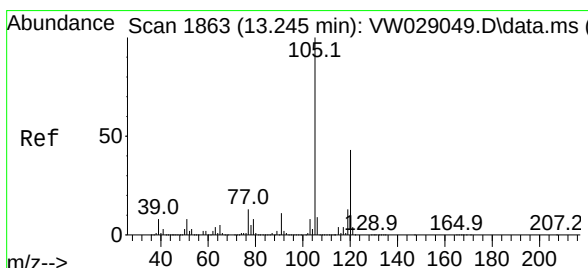
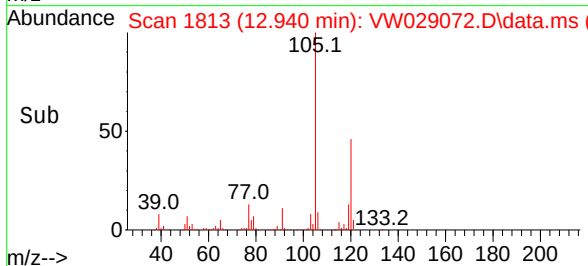
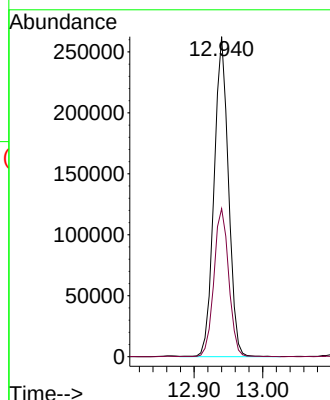
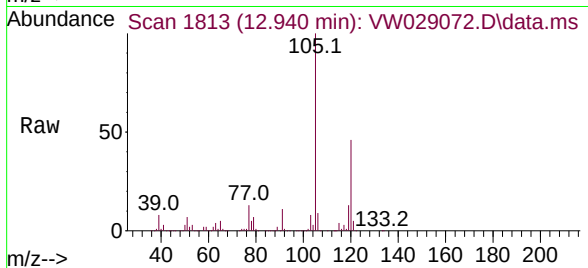




#62
1,3,5-Trimethylbenzene
Concen: 26.064 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

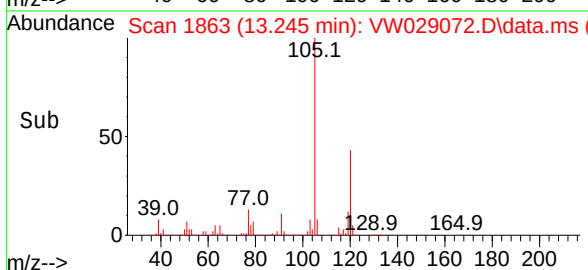
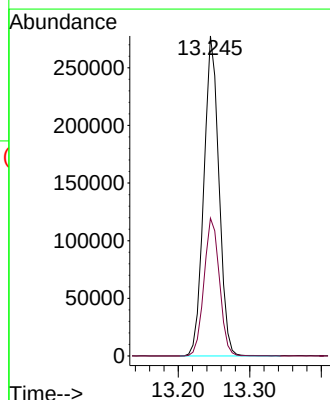
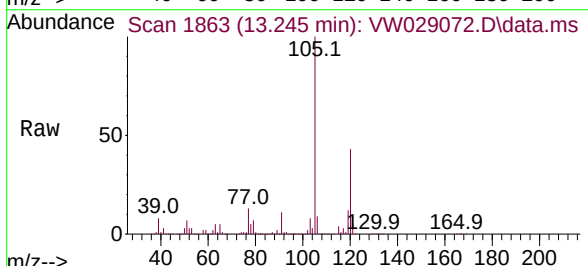
Instrument :
MSVOA_W
ClientSampleId :

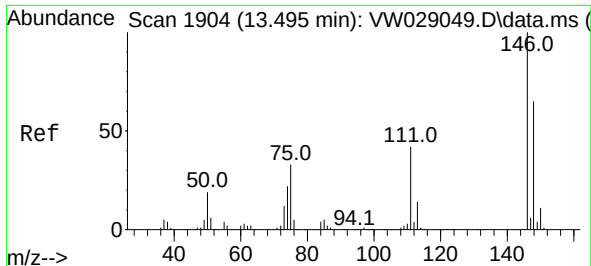
Tgt Ion:105 Resp: 382036
Ion Ratio Lower Upper
105 100
120 47.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.269 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion:105 Resp: 406916
Ion Ratio Lower Upper
105 100
120 43.9 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 25.281 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

Instrument :

MSVOA_W

ClientSampleId :

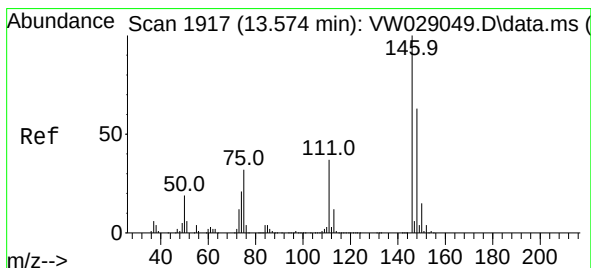
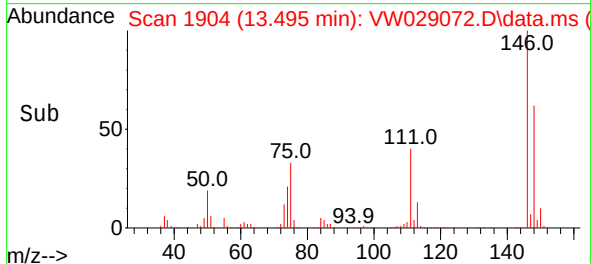
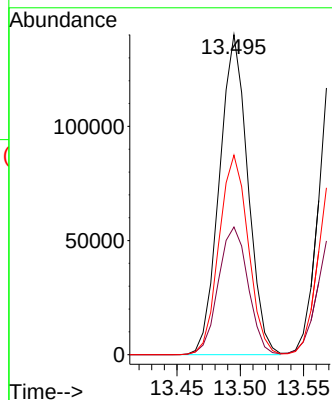
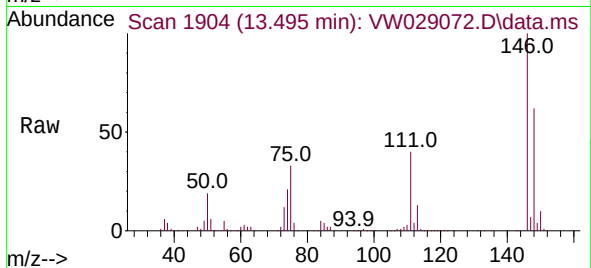
Tgt Ion:146 Resp: 218945

Ion Ratio Lower Upper

146 100

111 39.9 29.4 54.6

148 62.4 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 24.340 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029072.D

Acq: 10 Jun 2024 09:05

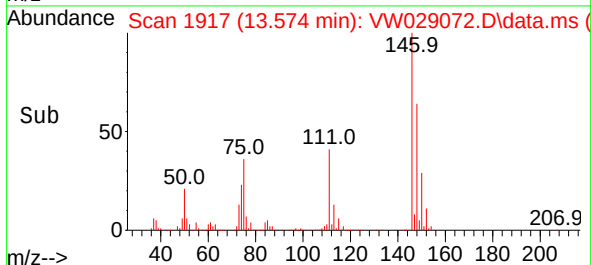
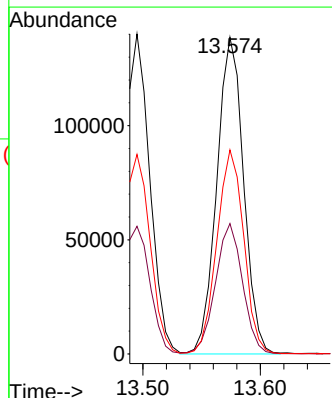
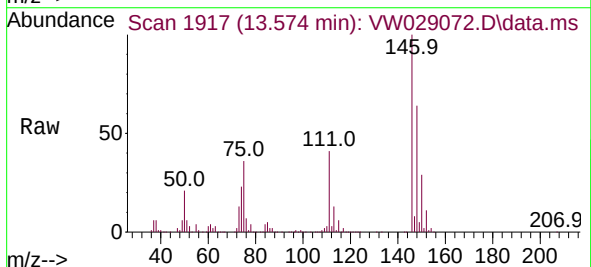
Tgt Ion:146 Resp: 220159

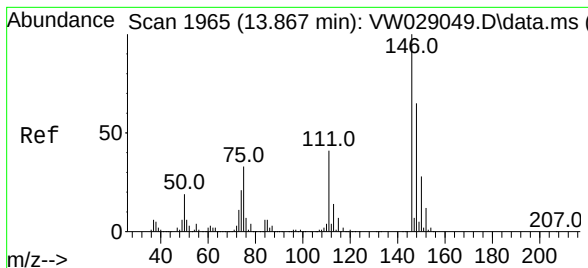
Ion Ratio Lower Upper

146 100

111 41.2 27.5 51.1

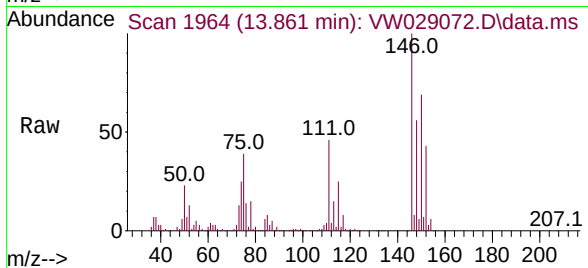
148 64.4 39.5 73.3



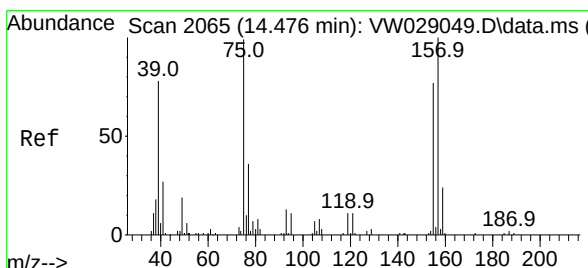
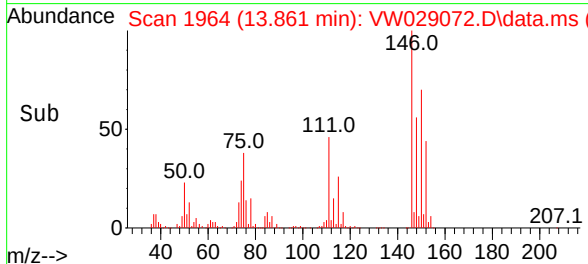
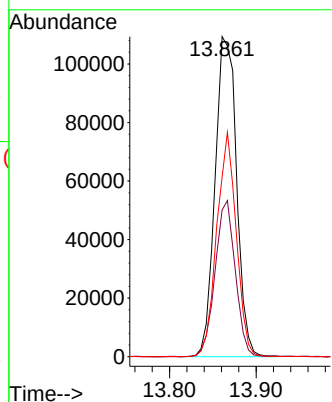


#67
1,2-Dichlorobenzene
Concen: 24.293 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

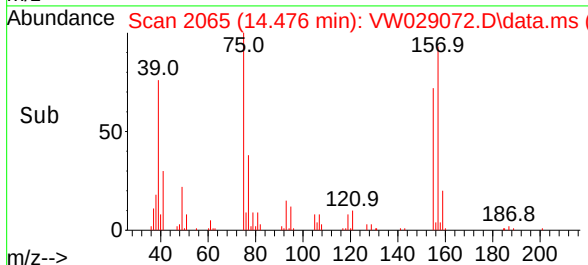
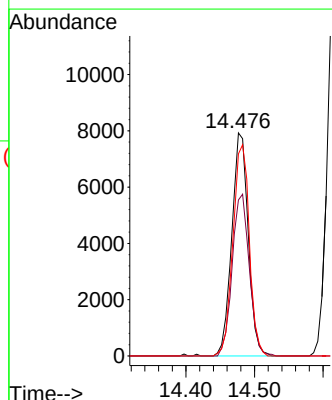
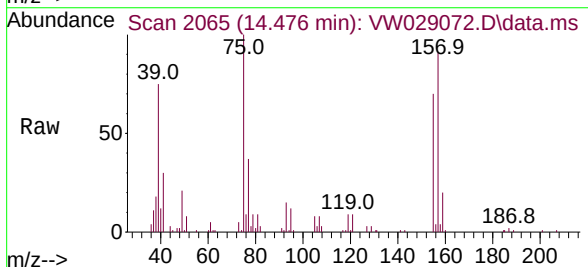


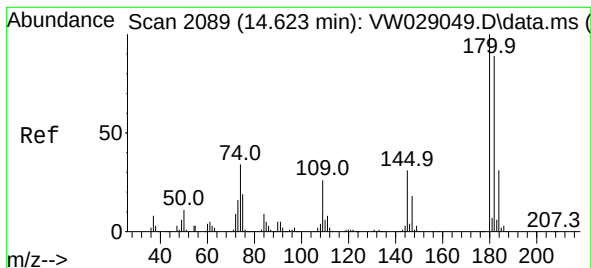
Tgt Ion:146 Resp: 188564
Ion Ratio Lower Upper
146 100
111 45.9 32.8 49.2
148 56.2 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 23.103 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

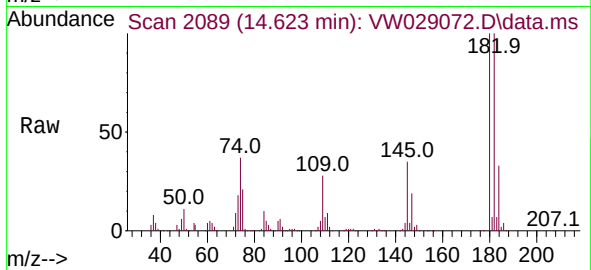
Tgt Ion: 75 Resp: 13227
Ion Ratio Lower Upper
75 100
155 69.9 52.3 78.5
157 90.6 71.0 106.4



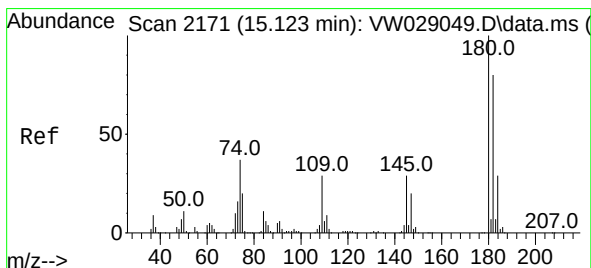
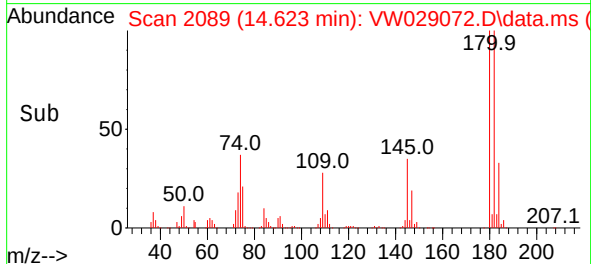
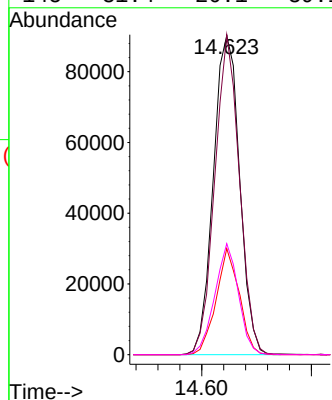


#69
1,3,5-Trichlorobenzene
Concen: 25.205 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Instrument :
MSVOA_W
ClientSampleId :

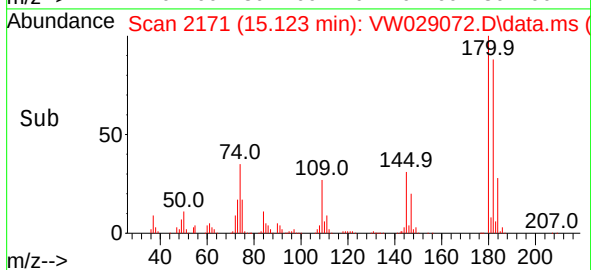
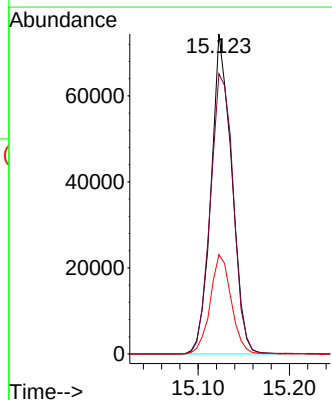
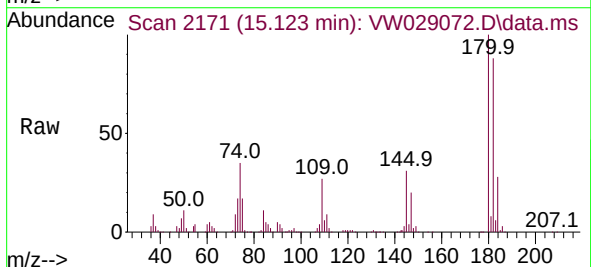


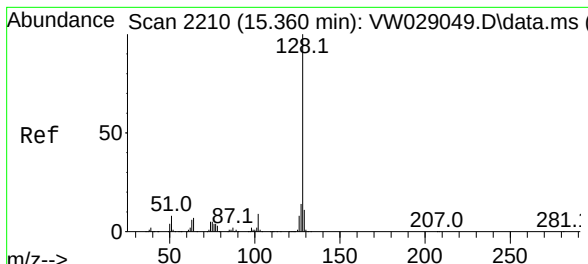
Tgt Ion:180 Resp: 149876
Ion Ratio Lower Upper
180 100
182 94.0 77.4 116.0
184 29.4 24.6 36.8
145 31.4 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 24.233 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW029072.D
Acq: 10 Jun 2024 09:05

Tgt Ion:180 Resp: 116787
Ion Ratio Lower Upper
180 100
182 96.9 75.3 112.9
145 31.6 26.2 39.2



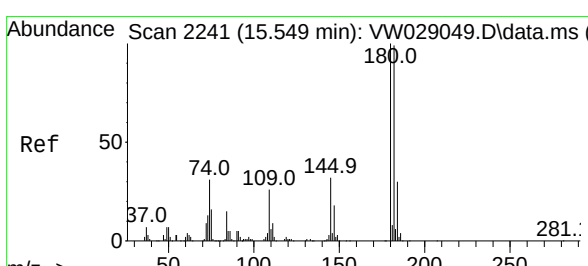
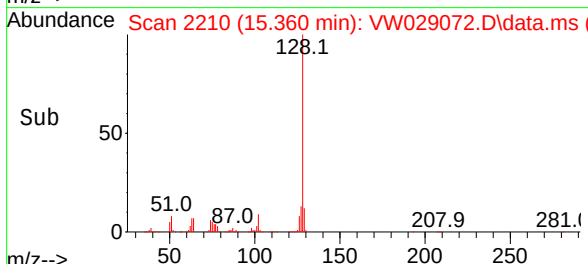
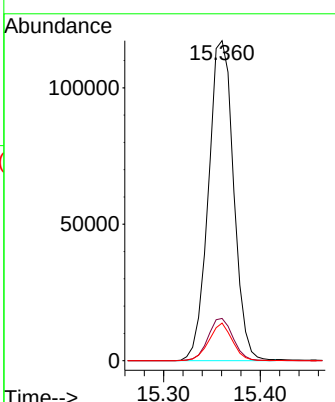
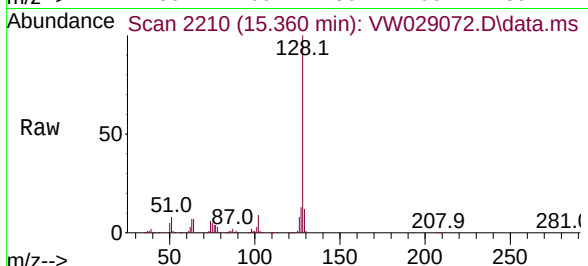


#71
 Naphthalene
 Concen: 25.798 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW029072.D
 Acq: 10 Jun 2024 09:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 211836

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.9	8.6	12.8



#72
 1,2,3-Trichlorobenzene
 Concen: 25.806 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW029072.D
 Acq: 10 Jun 2024 09:05

Tgt Ion:180 Resp: 106259

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.0
145	33.6	26.6	39.8

