

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029062.D
 Acq On : 07 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2710-23MSD
 Misc : 5.81g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 23:09:34 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	264079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215830	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	76759	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94352	22.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
7) Chloroethane-d5	2.899	69	75842	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	4.015	65	42376	22.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.920%
21) 2-Butanone-d5	7.081	46	46258	53.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
24) Chloroform-d	7.648	84	186154	24.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.307	65	103906	26.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	8.276	84	362267	27.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	9.270	67	116106	28.907	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.640%
41) Toluene-d8	10.319	98	294452	24.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.640%
43) trans-1,3-Dichloroprop...	10.575	79	40115	25.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.960%
47) 2-Hexanone-d5	10.922	63	32651	61.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83217	29.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	66716	24.493	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64144	21.271	ug/L	99
3) Chloromethane	2.222	50	83620	22.698	ug/L	98
5) Vinyl chloride	2.369	62	98539	22.097	ug/L	99
6) Bromomethane	2.789	94	53785	20.130	ug/L	95
8) Chloroethane	2.930	64	62196	23.094	ug/L	99
9) Trichlorofluoromethane	3.265	101	102417	27.629	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	77100	21.079	ug/L	97
12) 1,1-Dichloroethene	4.045	96	77724	23.284	ug/L	80
13) Acetone	4.125	43	33477	37.269	ug/L	99
14) Carbon disulfide	4.387	76	224579	19.872	ug/L	100
15) Methyl Acetate	4.673	43	39946	26.775	ug/L	99
16) Methylene chloride	4.917	84	93421	23.571	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	82407	22.643	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	170301	33.556	ug/L	100
19) 1,1-Dichloroethane	6.222	63	176555	24.675	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	92246	24.177	ug/L	96
22) 2-Butanone	7.173	43	57989	53.574	ug/L	98
23) Bromochloromethane	7.514	128	42400	25.457	ug/L	96
25) Chloroform	7.679	83	170820	24.580	ug/L	98

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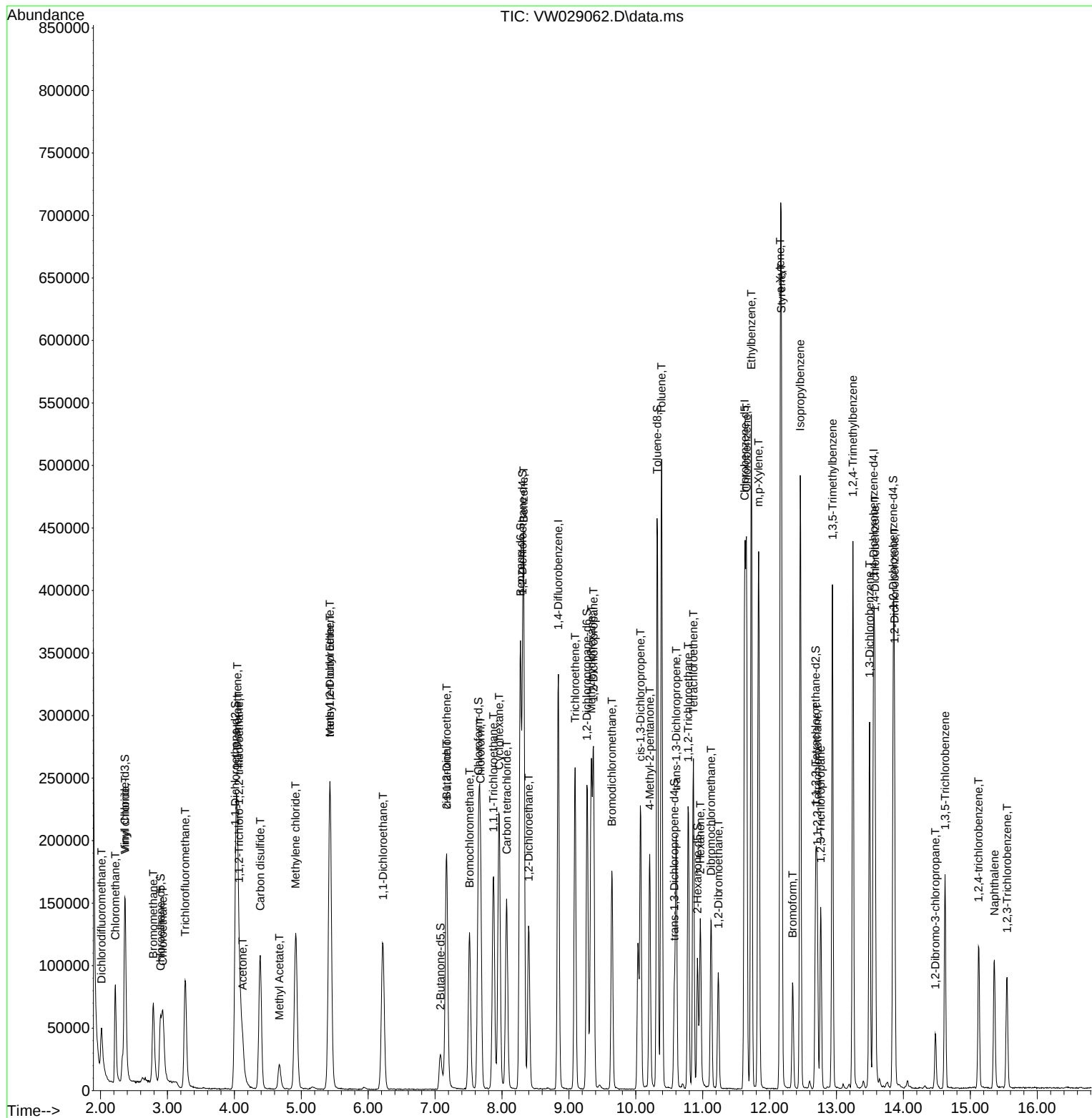
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121123	26.008	ug/L	99
29) Cyclohexane	7.959	56	121500	22.642	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	133990	26.794	ug/L	99
31) Carbon tetrachloride	8.069	117	112357	24.667	ug/L	97
33) Benzene	8.325	78	370410	27.601	ug/L	100
34) Trichloroethene	9.093	95	90682	25.702	ug/L	94
35) Methylcyclohexane	9.337	83	97369	16.268	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101425	28.860	ug/L	99
38) Bromodichloromethane	9.642	83	118361	27.615	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	131334	25.715	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	129882	72.660	ug/L	98
42) Toluene	10.386	91	361099	26.339	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	109276	26.540	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	71245	30.017	ug/L	97
46) Tetrachloroethene	10.861	164	55783	20.810	ug/L	95
48) 2-Hexanone	10.965	43	90687	67.666	ug/L	97
49) Dibromochloromethane	11.123	129	71375	28.471	ug/L	93
50) 1,2-Dibromoethane	11.233	107	63241	29.188	ug/L	93
51) Chlorobenzene	11.654	112	208310	23.653	ug/L	96
52) Ethylbenzene	11.727	91	363558	23.340	ug/L	100
53) m,p-Xylene	11.837	106	131762	22.838	ug/L	89
54) o-Xylene	12.160	106	127816	23.925	ug/L	99
55) Styrene	12.178	104	207876	22.570	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	78059	29.133	ug/L	98
59) Bromoform	12.343	173	38096	38.596	ug/L	97
60) Isopropylbenzene	12.458	105	302918	27.885	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	60215	41.588	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	202811	25.669	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	220847	26.449	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	112636	24.128	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	112768	23.129	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	102266	24.441	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11570	37.491	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	49671	15.497	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	34851	13.415	ug/L	98
71) Naphthalene	15.360	128	86297	19.497	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	27444	12.365	ug/L	95

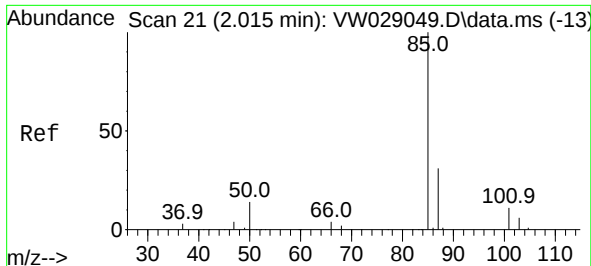
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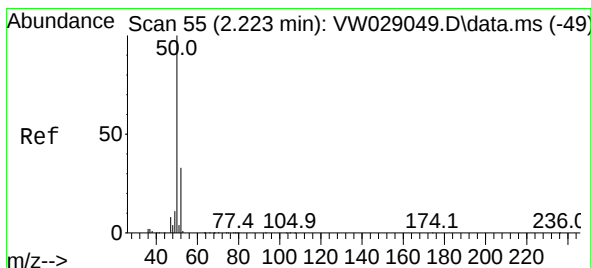
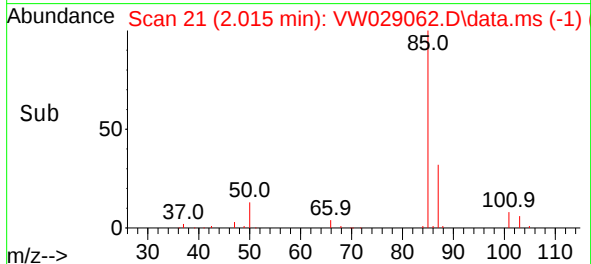
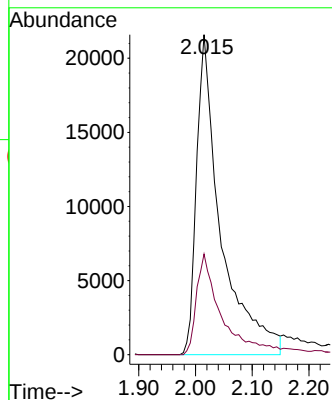
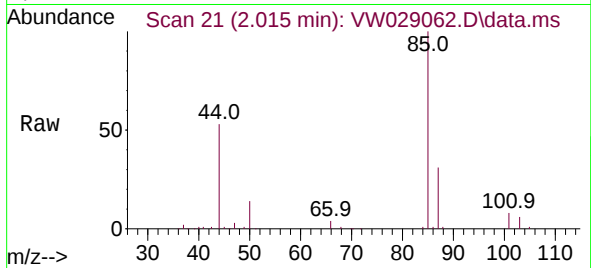




#2
 Dichlorodifluoromethane
 Concen: 21.271 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

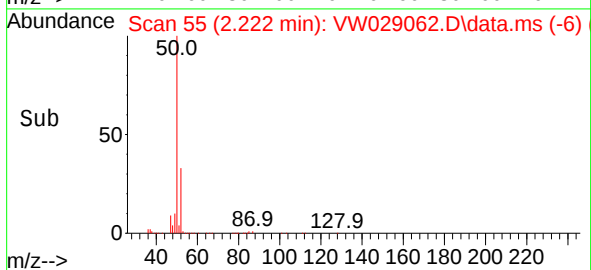
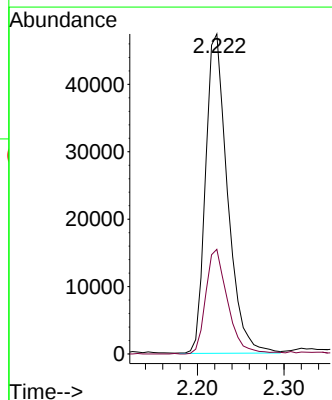
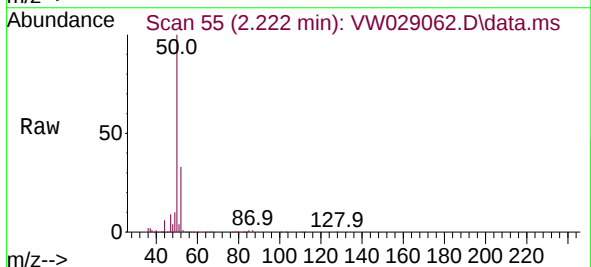
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 MSVOA_W
 ClientSampleId :

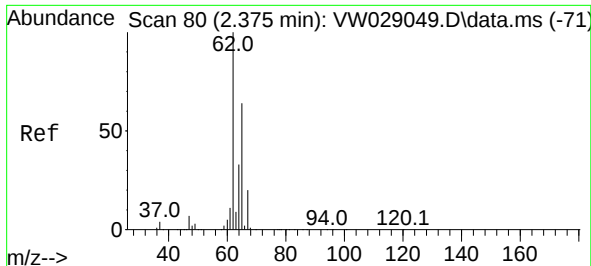
Tgt Ion: 85 Resp: 64144
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.3 37.9



#3
 Chloromethane
 Concen: 22.698 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

Tgt Ion: 50 Resp: 83620
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.1 41.1

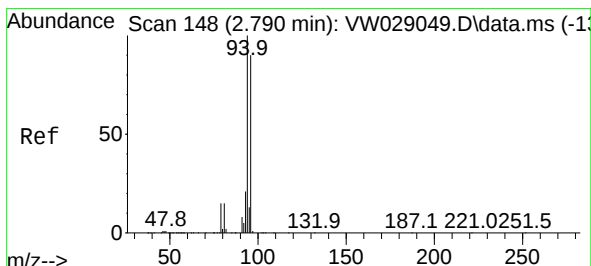
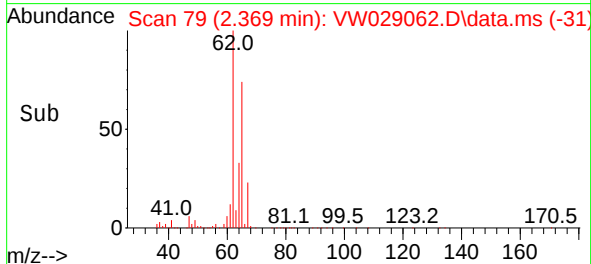
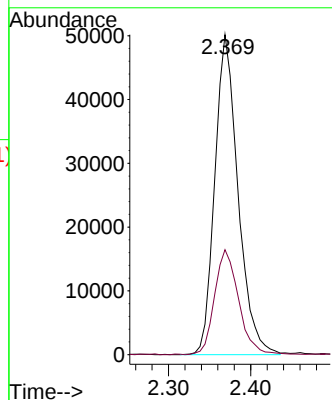
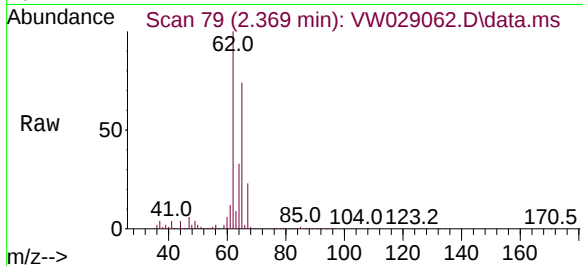




#5
 Vinyl chloride
 Concen: 22.097 ug/L
 RT: 2.369 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

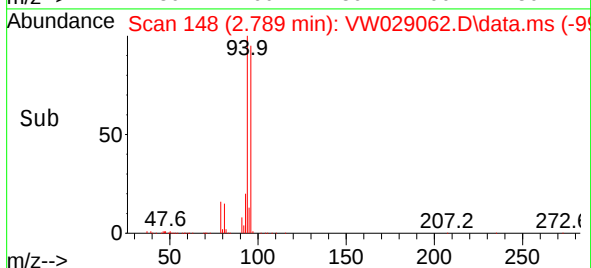
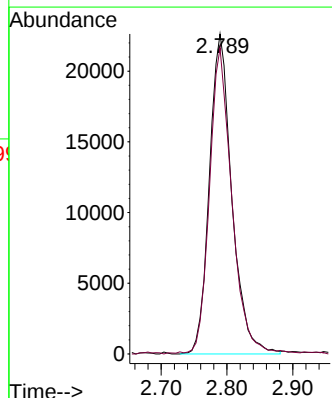
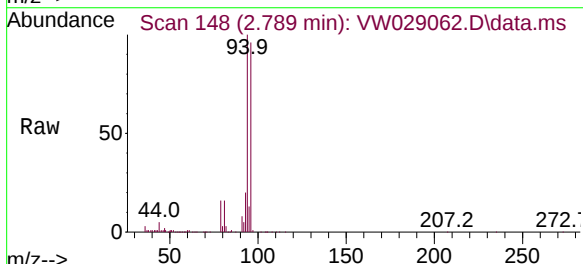
Instrument :
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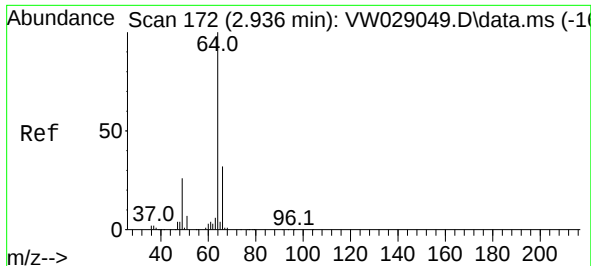
Tgt Ion: 62 Resp: 98539
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 20.130 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

Tgt Ion: 94 Resp: 53785
 Ion Ratio Lower Upper
 94 100
 96 95.6 63.7 118.3

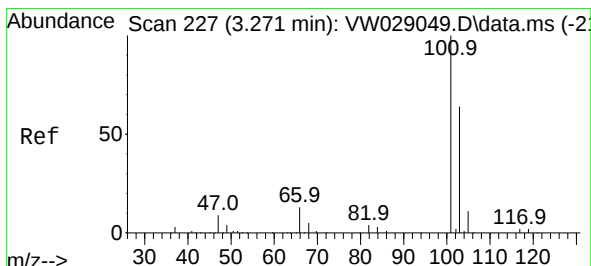
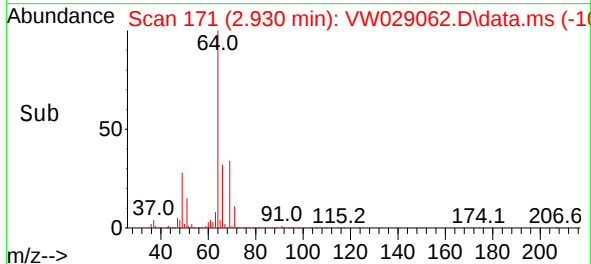
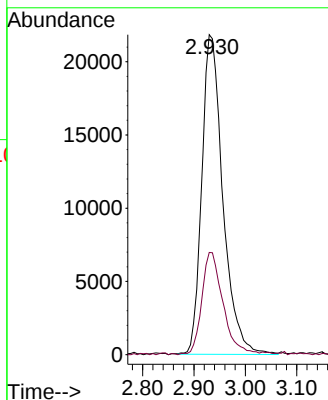
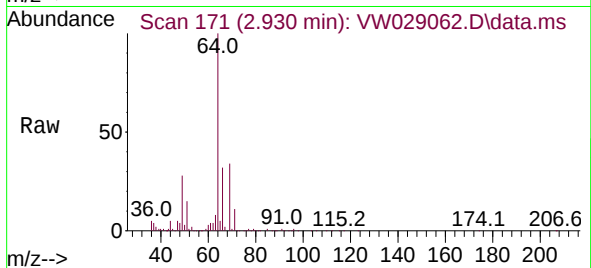




#8
Chloroethane
Concen: 23.094 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

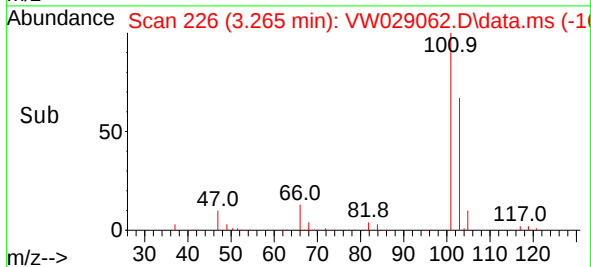
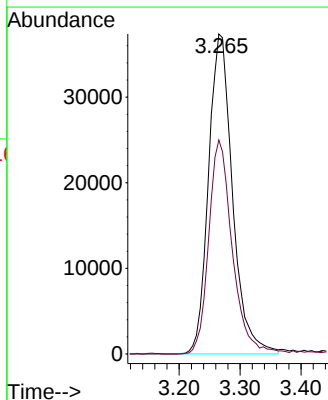
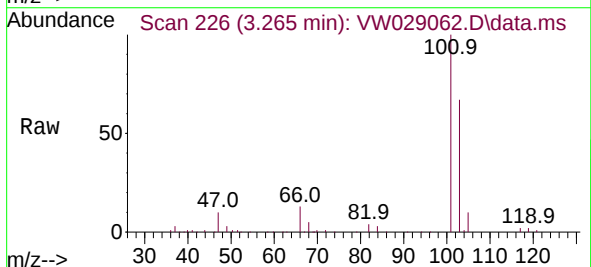
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MSVOA_W
ClientSampleId :

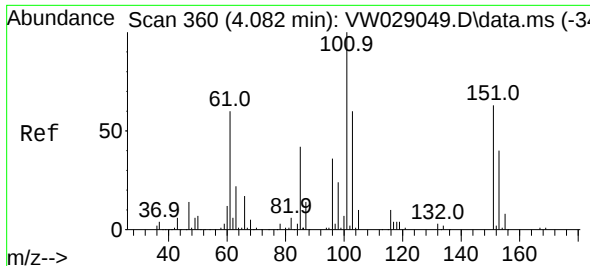
Tgt Ion: 64 Resp: 62196
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 27.629 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Tgt Ion:101 Resp: 102417
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9





#10

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

Concen: 21.079 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

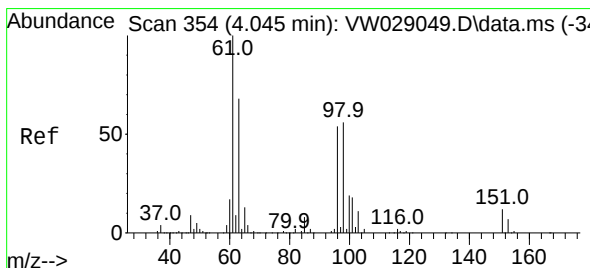
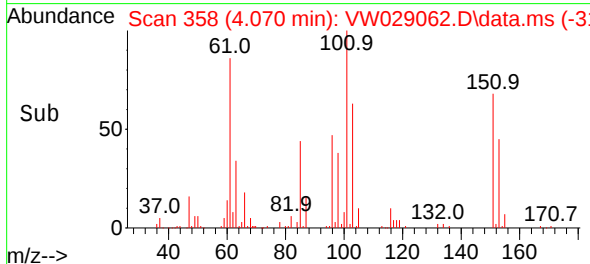
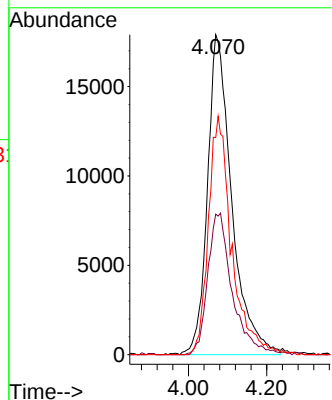
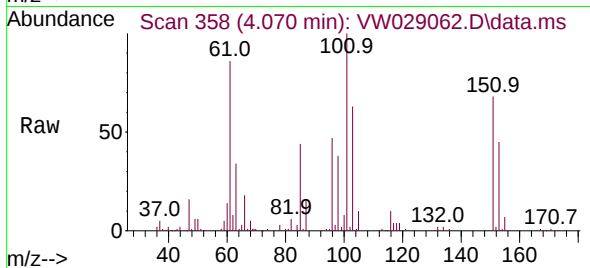
Tgt Ion:101 Resp: 77100

Ion Ratio Lower Upper

101 100

85 43.5 35.8 53.8

151 70.4 58.5 87.7



#12

1,1-Dichloroethene

Concen: 23.284 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

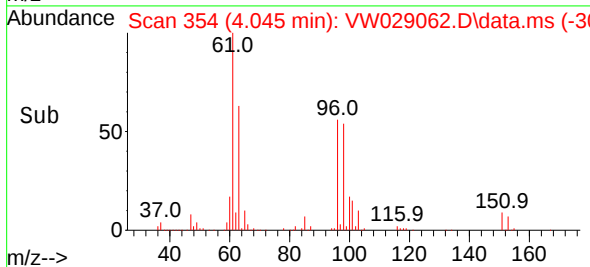
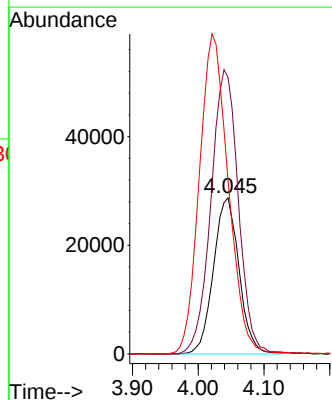
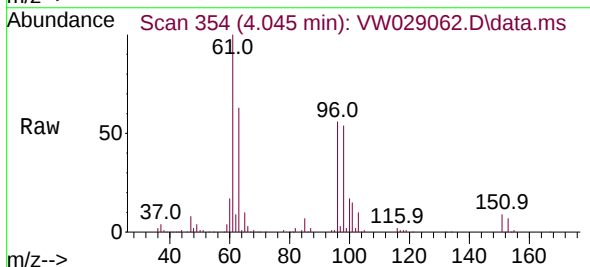
Tgt Ion: 96 Resp: 77724

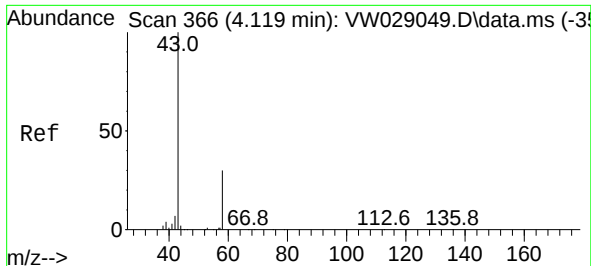
Ion Ratio Lower Upper

96 100

61 177.1 132.2 245.4

63 110.8 108.4 201.2

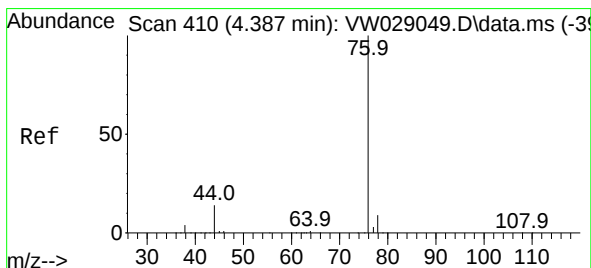
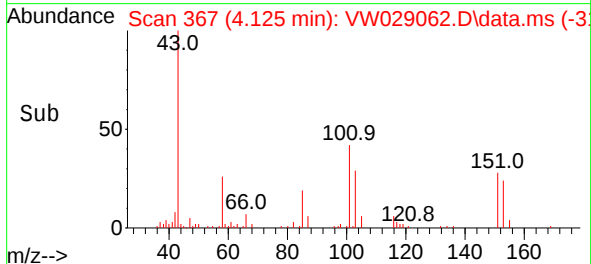
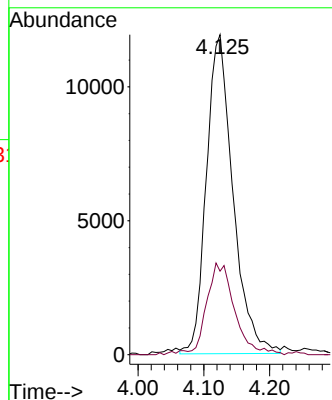
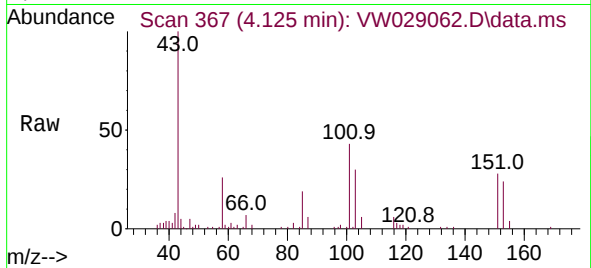




#13
Acetone
Concen: 37.269 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

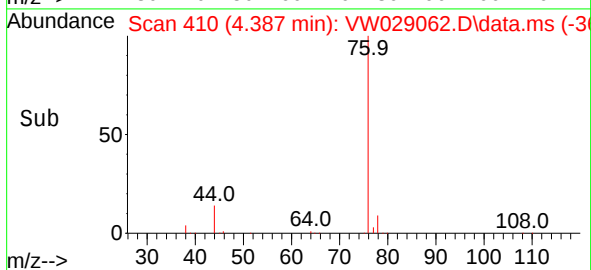
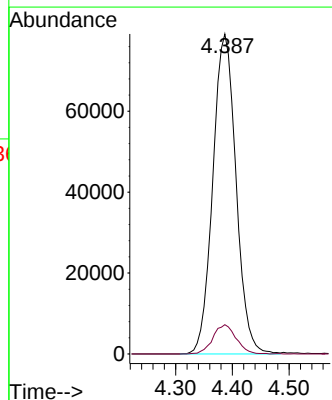
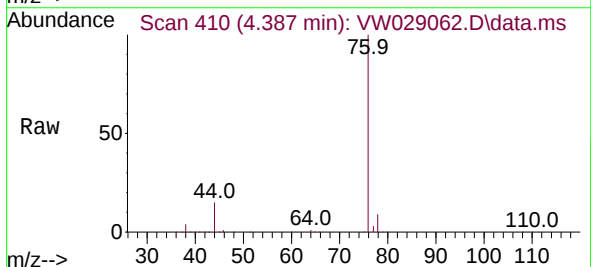
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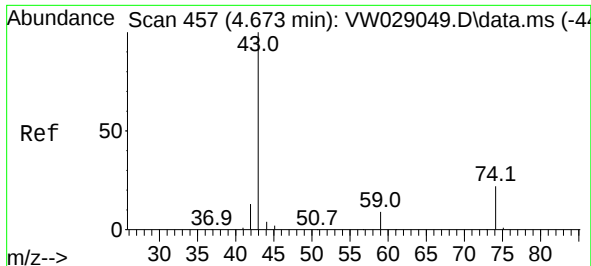
Tgt Ion: 43 Resp: 33477
Ion Ratio Lower Upper
43 100
58 29.0 0.0 59.4



#14
Carbon disulfide
Concen: 19.872 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 224579
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 26.775 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

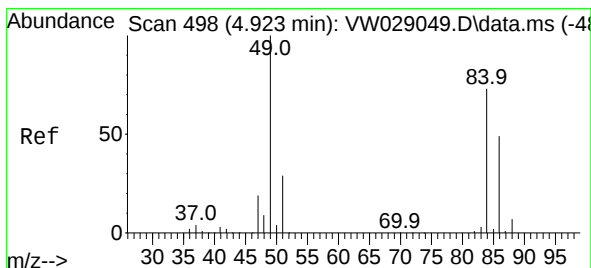
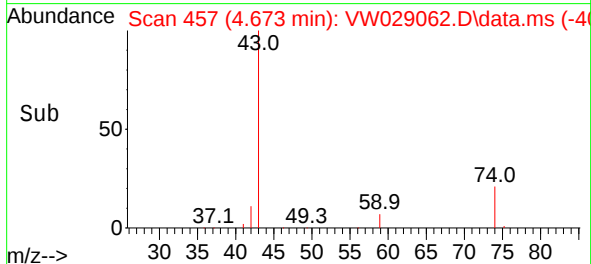
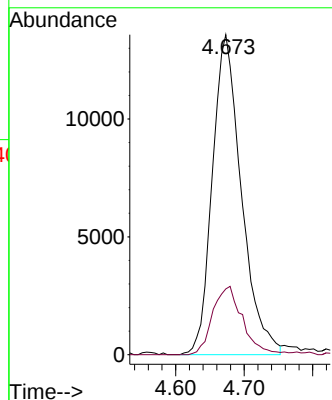
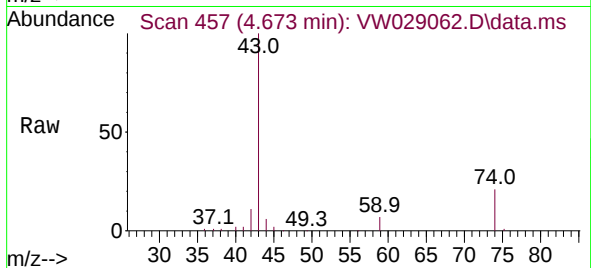
ClientSampleId :

Tgt Ion: 43 Resp: 39946

Ion Ratio Lower Upper

43 100

74 22.1 17.4 26.2



#16

Methylene chloride

Concen: 23.571 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

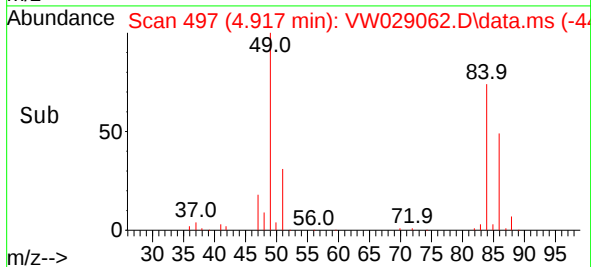
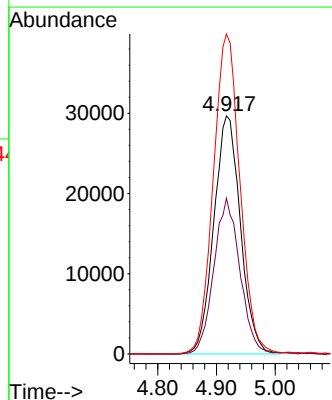
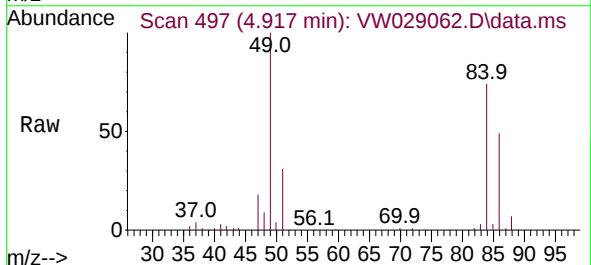
Tgt Ion: 84 Resp: 93421

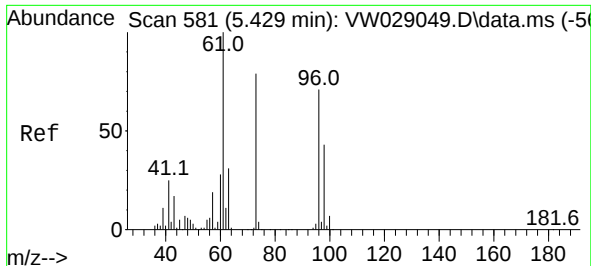
Ion Ratio Lower Upper

84 100

86 65.4 43.8 81.4

49 134.4 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 22.643 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

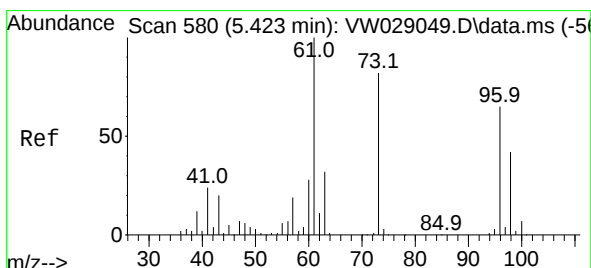
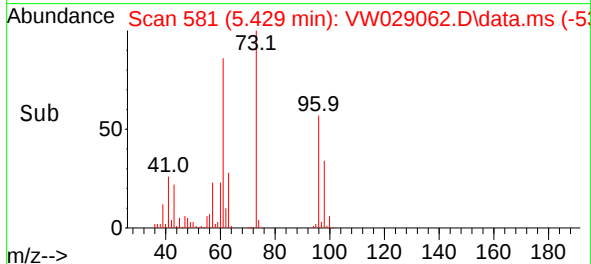
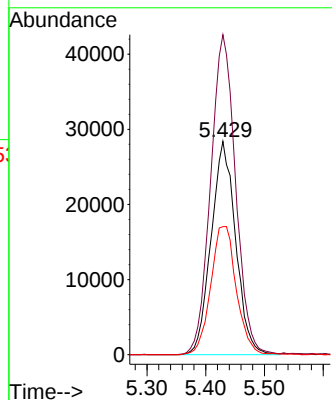
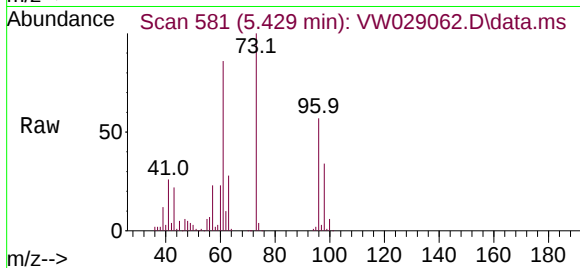
Tgt Ion: 96 Resp: 82407

Ion Ratio Lower Upper

96 100

61 150.0 104.6 194.2

98 60.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 33.556 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

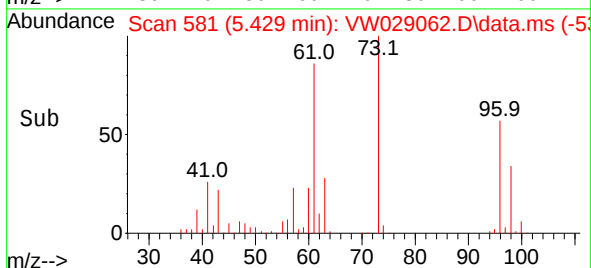
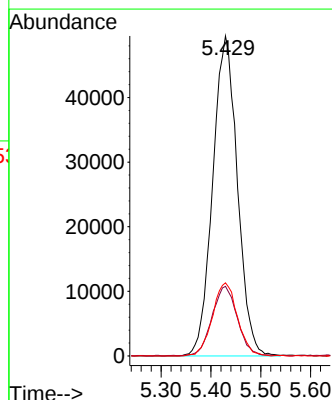
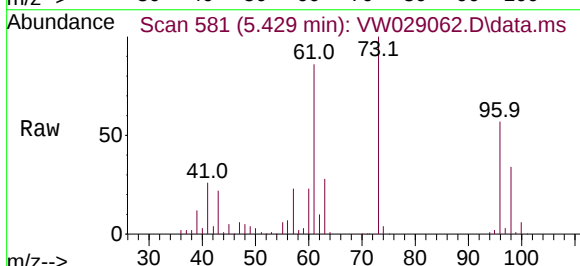
Tgt Ion: 73 Resp: 170301

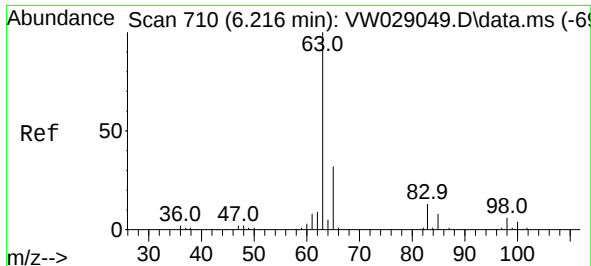
Ion Ratio Lower Upper

73 100

43 22.1 17.8 26.6

57 23.0 18.4 27.6





#19

1,1-Dichloroethane

Concen: 24.675 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

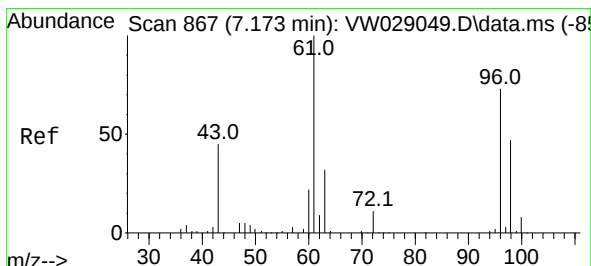
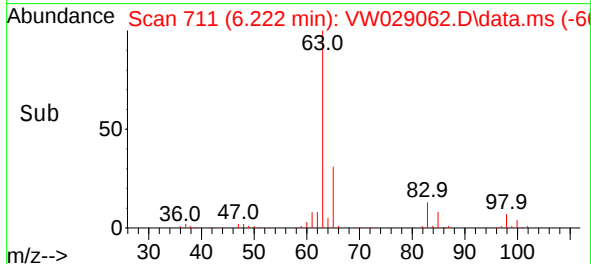
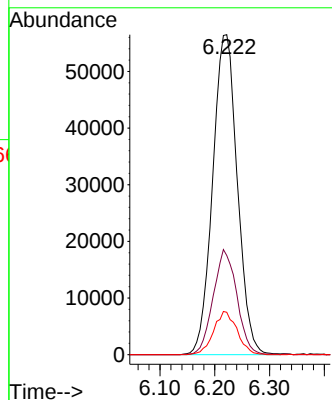
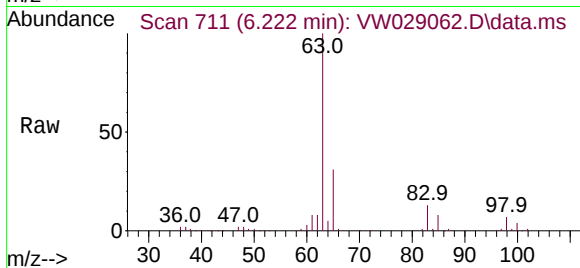
Tgt Ion: 63 Resp: 176555

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.6

83 13.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.177 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

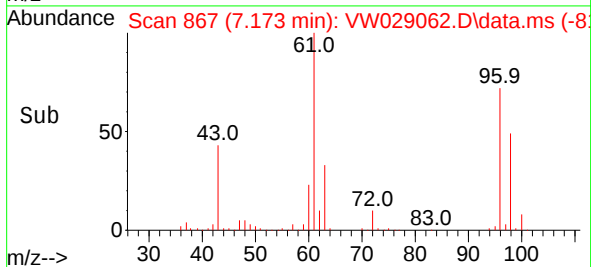
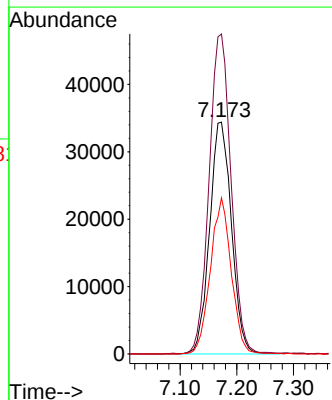
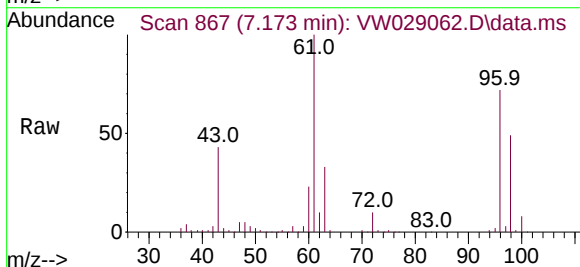
Tgt Ion: 96 Resp: 92246

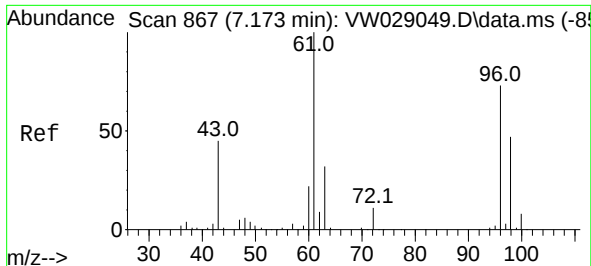
Ion Ratio Lower Upper

96 100

61 138.0 92.9 172.5

98 67.3 45.2 84.0





#22

2-Butanone

Concen: 53.574 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

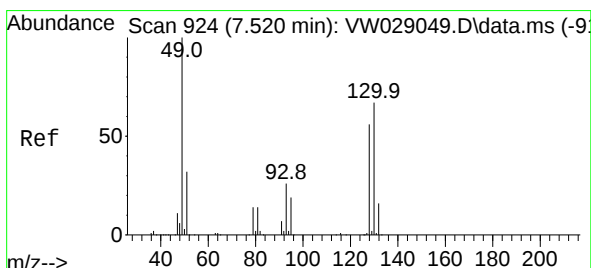
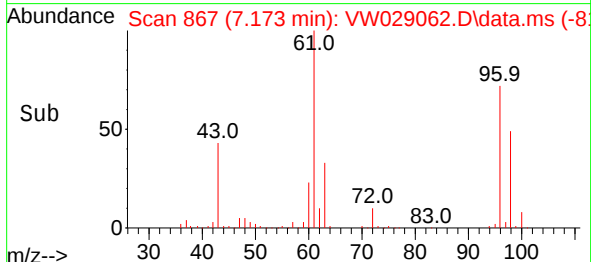
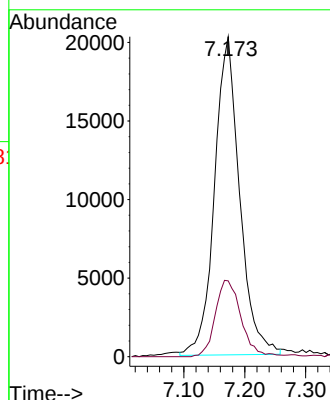
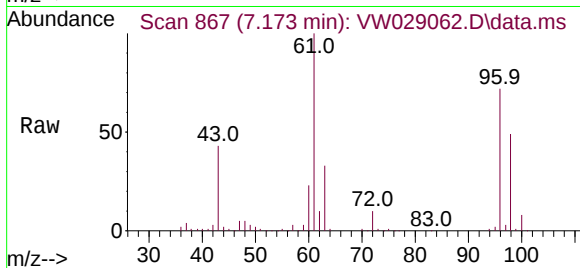
ClientSampleId :

Tgt Ion: 43 Resp: 57989

Ion Ratio Lower Upper

43 100

72 24.1 12.5 37.5



#23

Bromochloromethane

Concen: 25.457 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Tgt Ion: 128 Resp: 42400

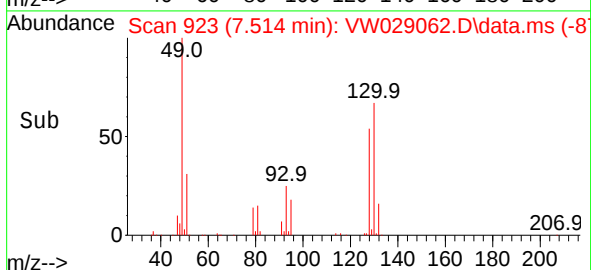
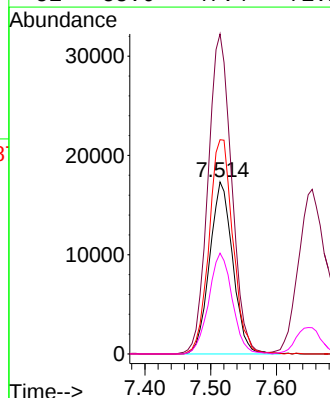
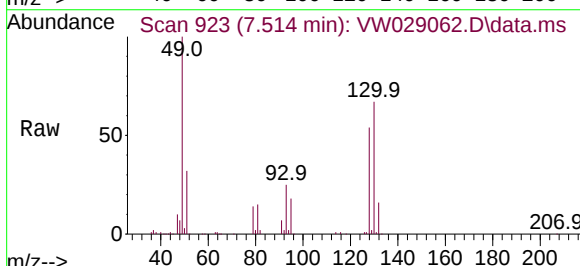
Ion Ratio Lower Upper

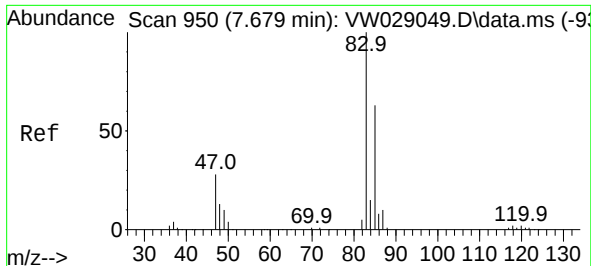
128 100

49 186.1 135.9 252.3

130 124.6 89.0 165.2

51 58.6 47.4 71.2





#25

Chloroform

Concen: 24.580 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

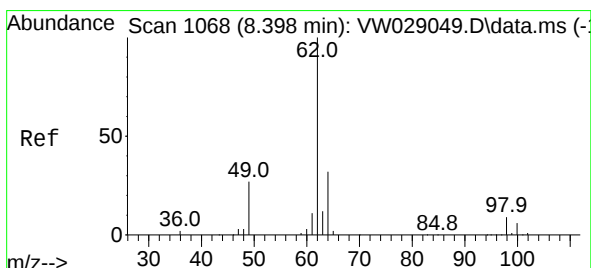
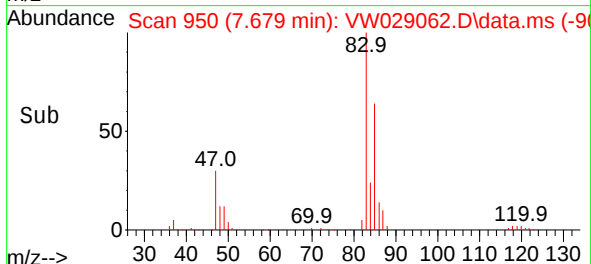
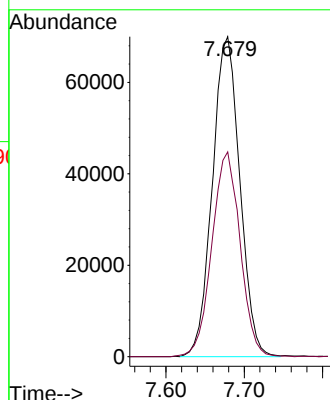
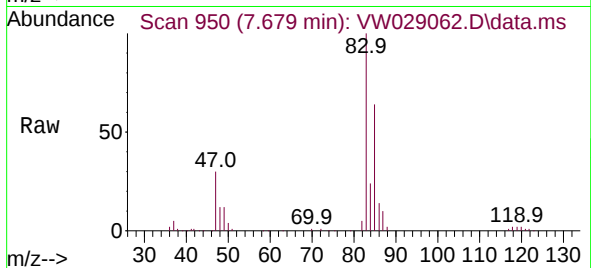
ClientSampleId :

Tgt Ion: 83 Resp: 170820

Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 26.008 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029062.D

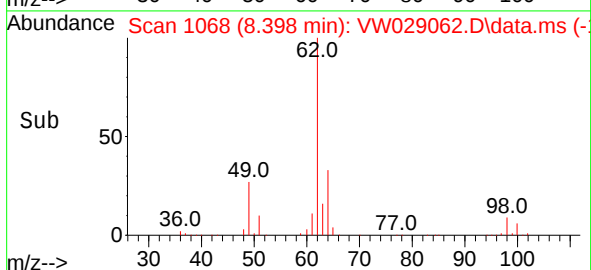
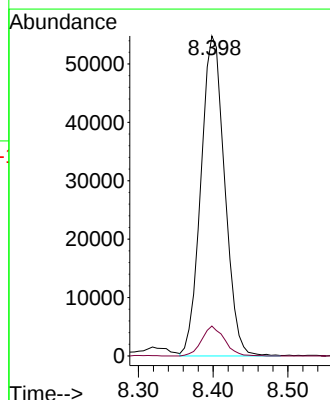
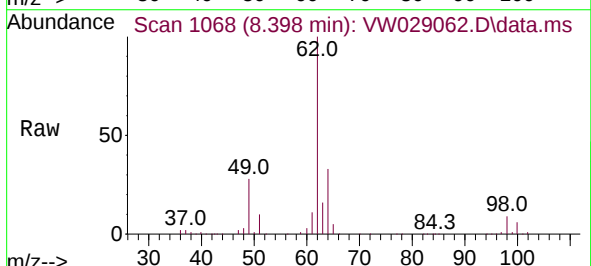
Acq: 07 Jun 2024 15:05

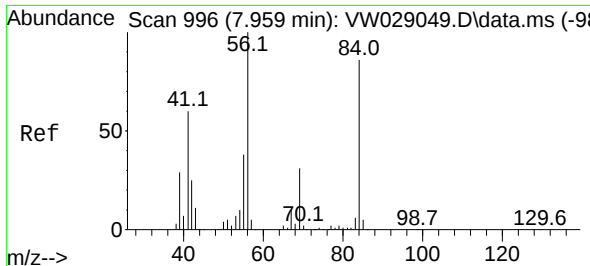
Tgt Ion: 62 Resp: 121123

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#29

Cyclohexane

Concen: 22.642 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

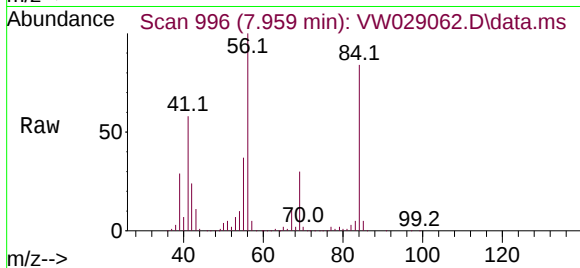
Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :



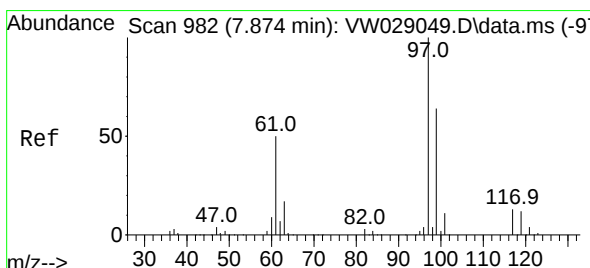
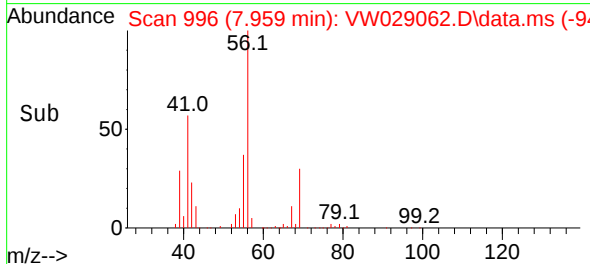
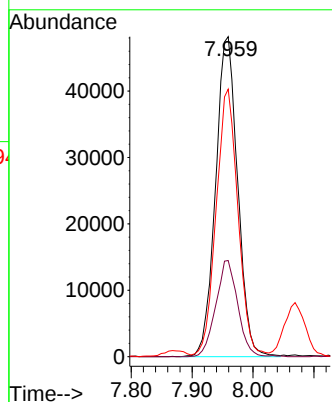
Tgt Ion: 56 Resp: 121500

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

84 82.9 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 26.794 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

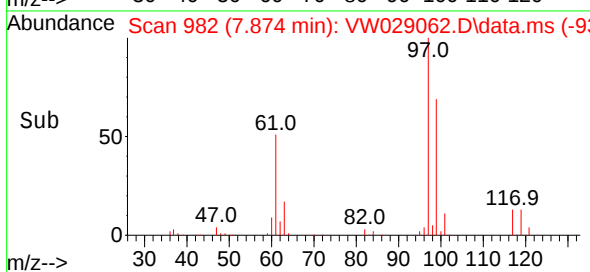
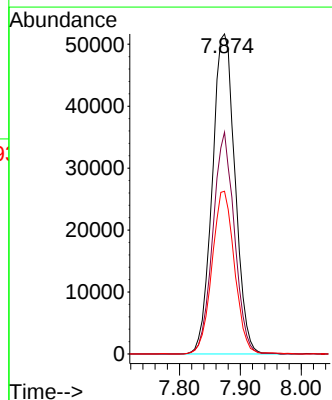
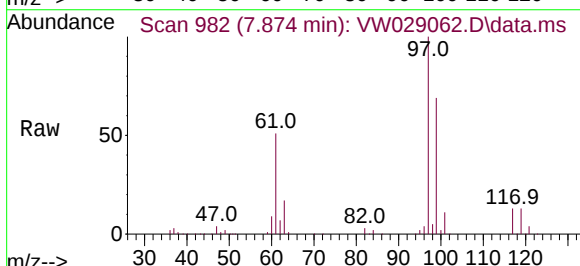
Tgt Ion: 97 Resp: 133990

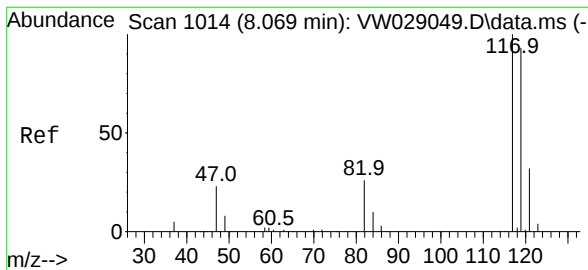
Ion Ratio Lower Upper

97 100

99 65.5 51.6 77.4

61 50.1 39.6 59.4

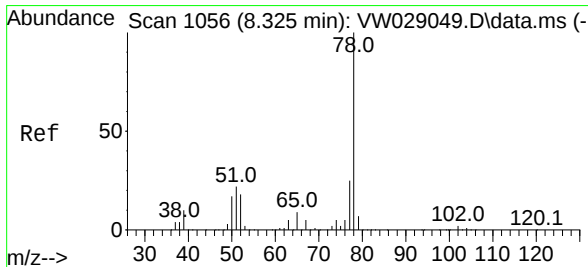
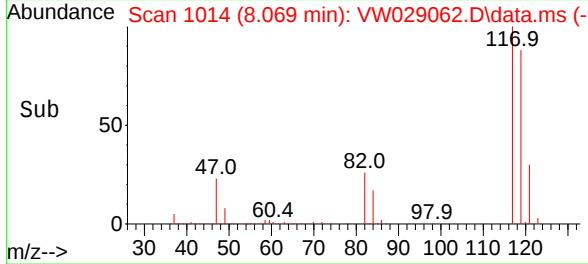
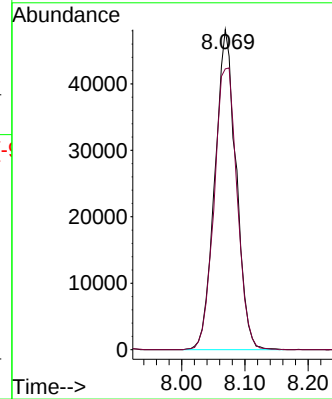
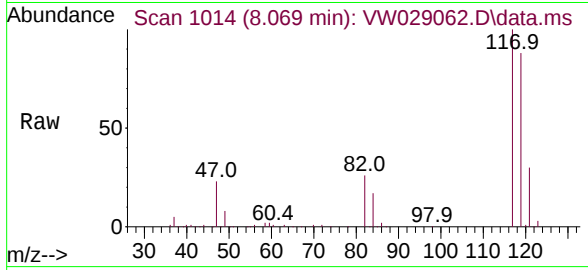




#31
Carbon tetrachloride
Concen: 24.667 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

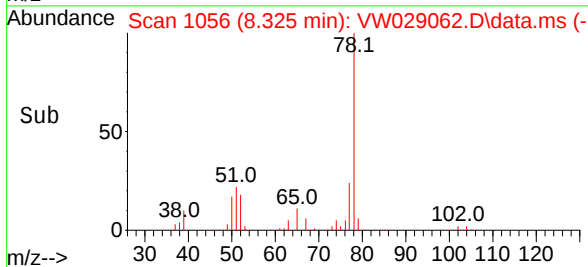
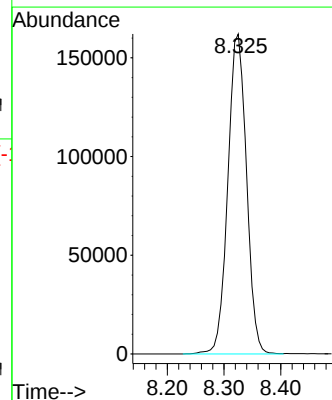
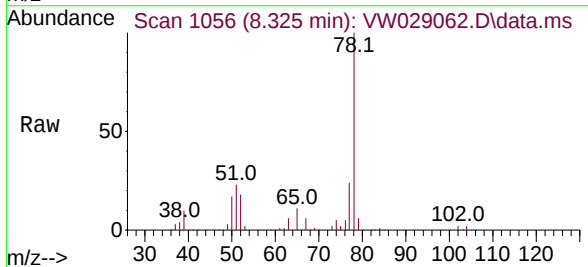
Instrument :
MSVOA_W
ClientSampleId :

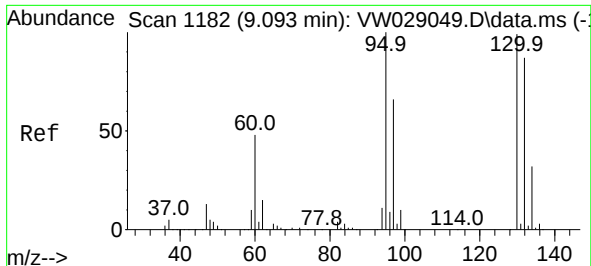
Tgt Ion:117 Resp: 112357
Ion Ratio Lower Upper
117 100
119 95.1 78.8 118.2



#33
Benzene
Concen: 27.601 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Tgt Ion: 78 Resp: 370410





#34

Trichloroethene

Concen: 25.702 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

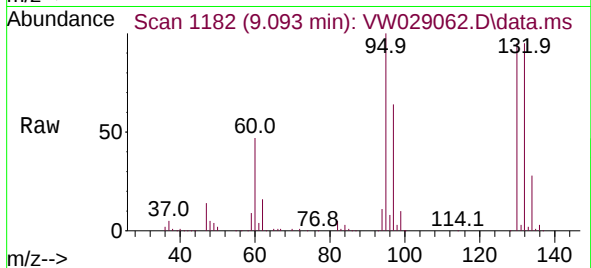
Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 90682

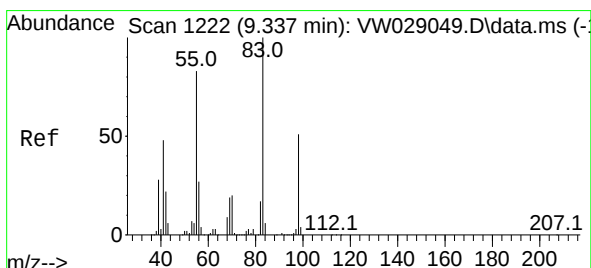
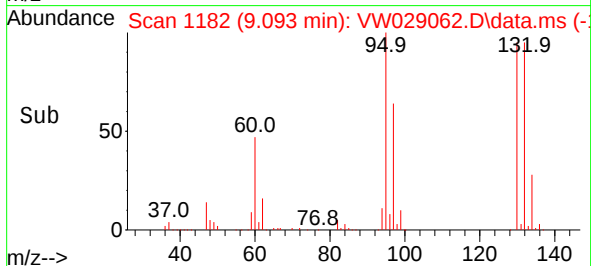
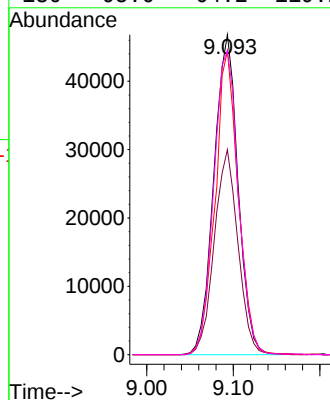
Ion Ratio Lower Upper

95 100

97 64.0 41.9 77.7

132 94.9 60.1 111.5

130 95.0 64.2 119.2



#35

Methylcyclohexane

Concen: 16.268 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

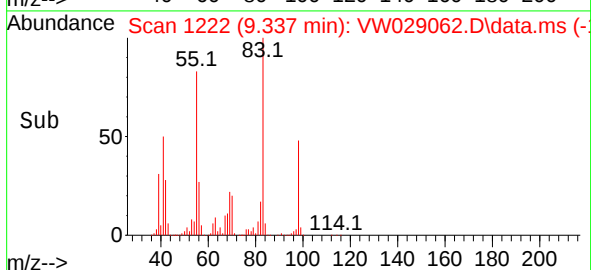
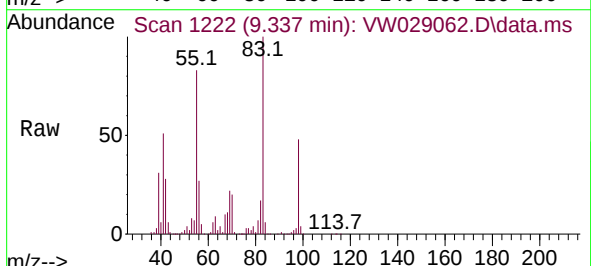
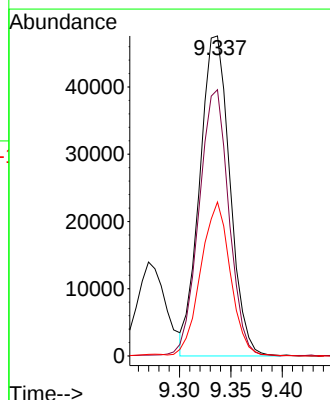
Tgt Ion: 83 Resp: 97369

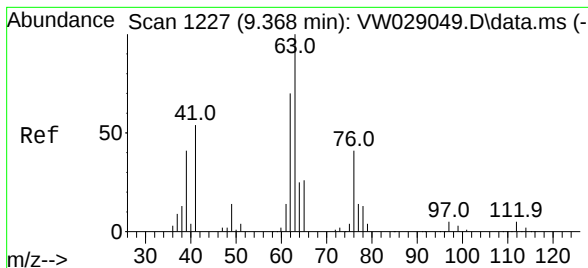
Ion Ratio Lower Upper

83 100

55 82.6 65.8 98.6

98 47.2 38.4 57.6





#37

1,2-Dichloropropane

Concen: 28.860 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

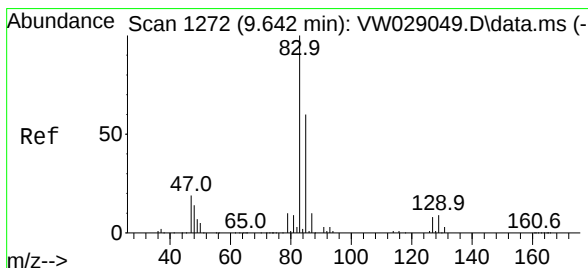
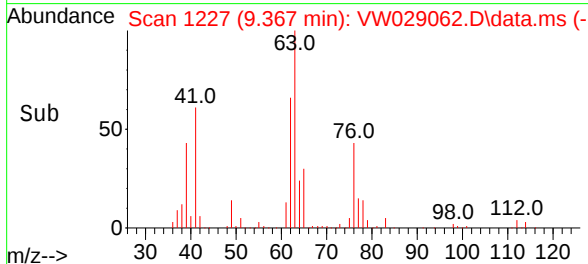
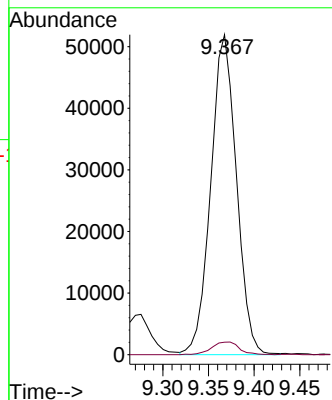
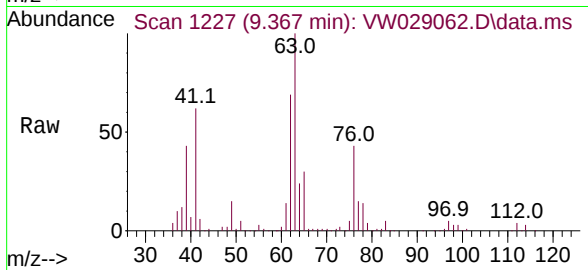
ClientSampleId :

Tgt Ion: 63 Resp: 101425

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.615 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

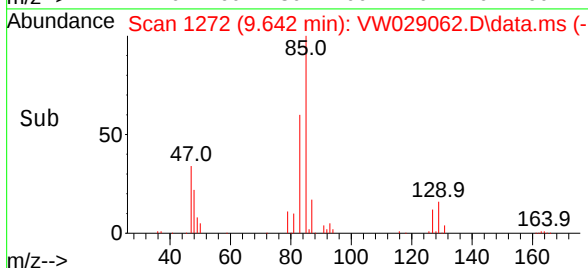
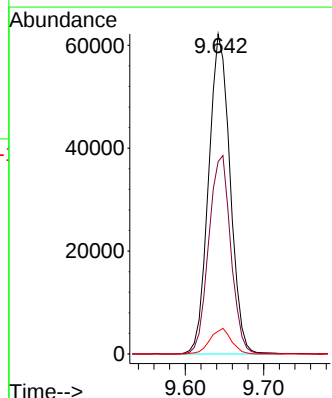
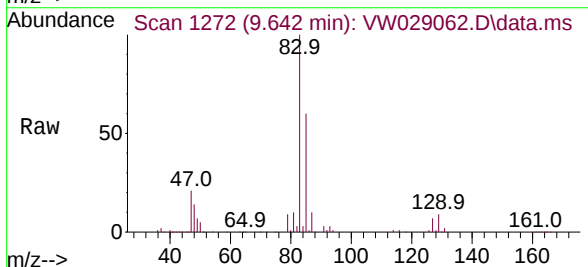
Tgt Ion: 83 Resp: 118361

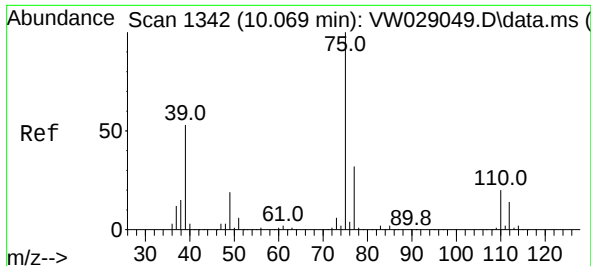
Ion Ratio Lower Upper

83 100

85 60.1 43.9 81.5

127 7.1 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 25.715 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

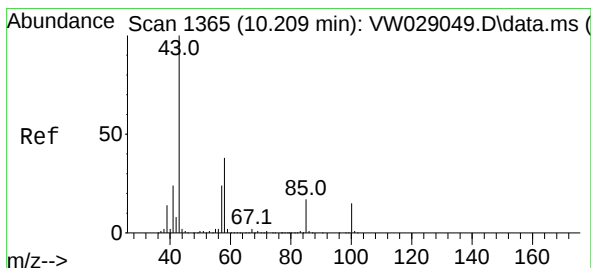
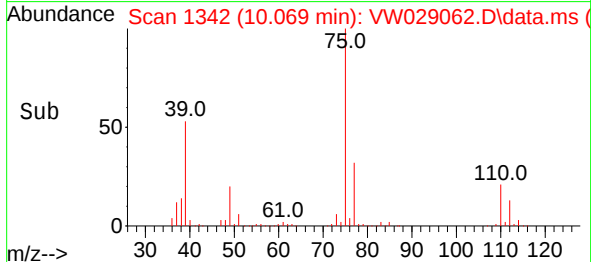
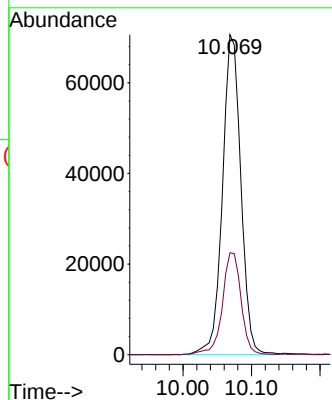
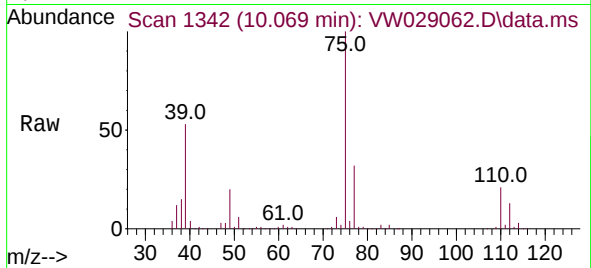
ClientSampleId :

Tgt Ion: 75 Resp: 131334

Ion Ratio Lower Upper

75 100

77 31.9 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 72.660 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

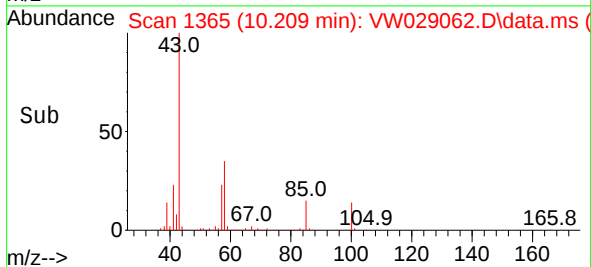
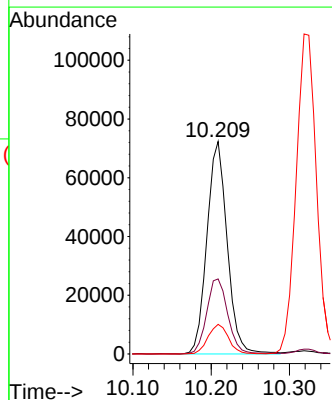
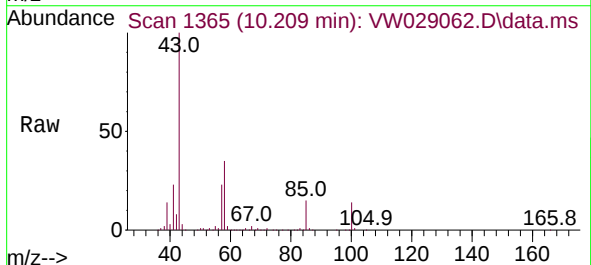
Tgt Ion: 43 Resp: 129882

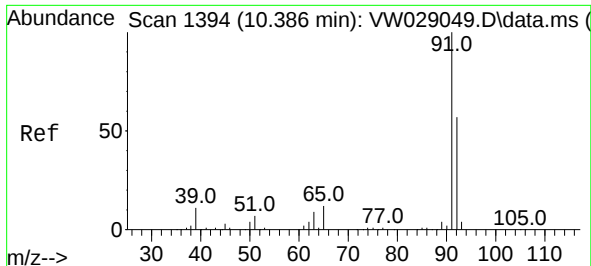
Ion Ratio Lower Upper

43 100

58 37.0 30.3 45.5

100 14.1 10.7 16.1

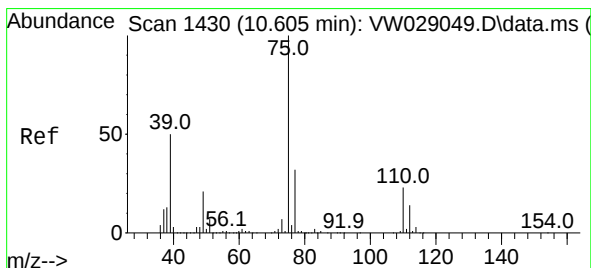
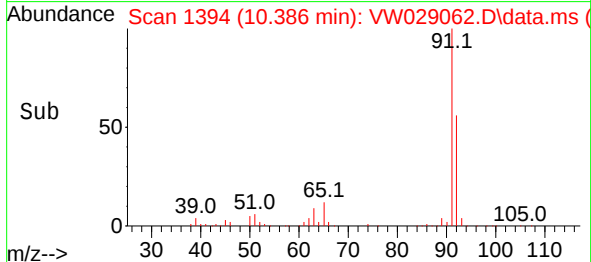
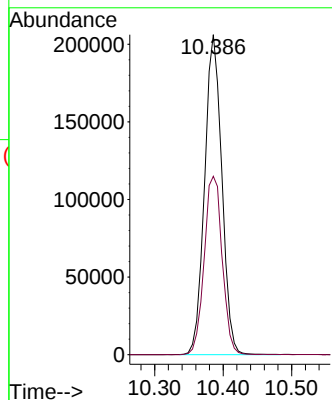
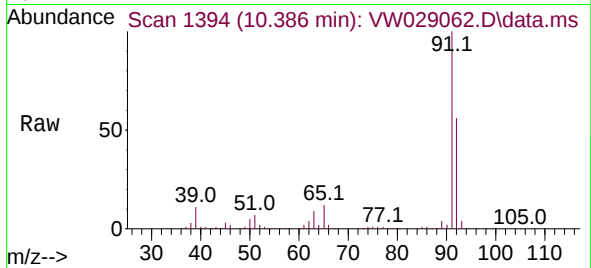




#42
Toluene
Concen: 26.339 ug/L
RT: 10.386 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

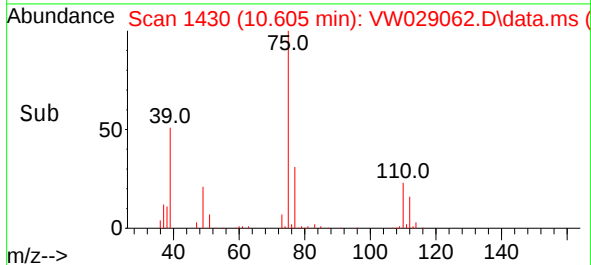
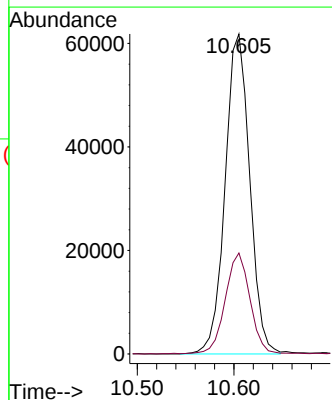
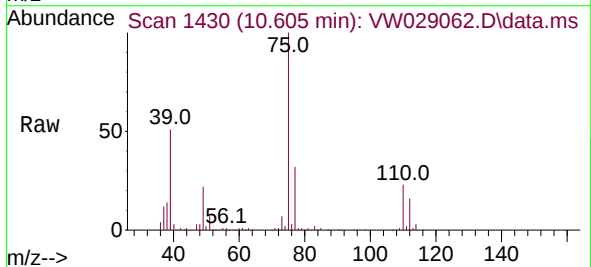
Instrument :
MSVOA_W
ClientSampleId :

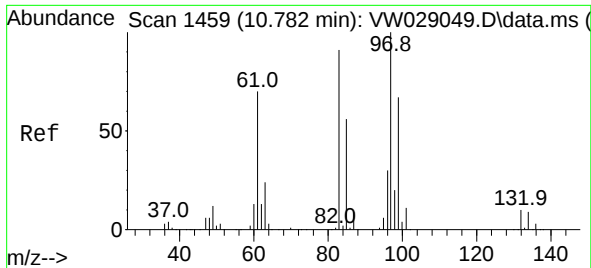
Tgt Ion: 91 Resp: 361099
Ion Ratio Lower Upper
91 100
92 55.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.540 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Tgt Ion: 75 Resp: 109276
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 30.017 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 71245

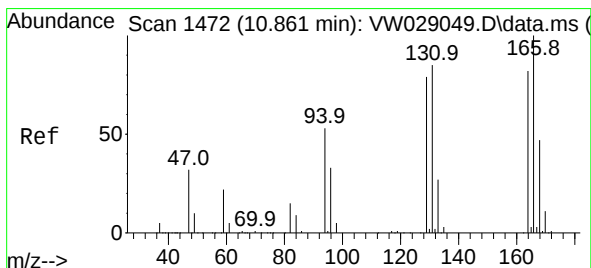
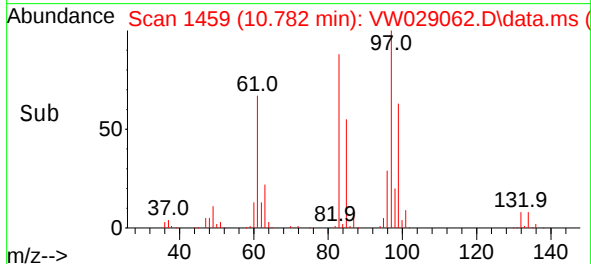
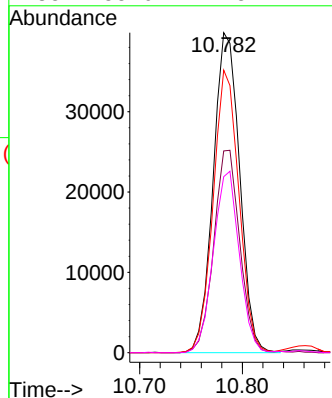
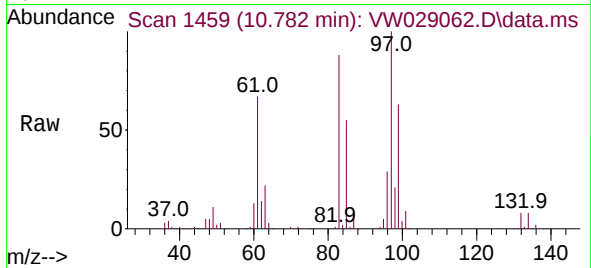
Ion Ratio Lower Upper

97 100

99 63.1 41.8 77.6

83 88.3 62.4 115.8

85 55.0 41.5 77.1



#46

Tetrachloroethene

Concen: 20.810 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Tgt Ion:164 Resp: 55783

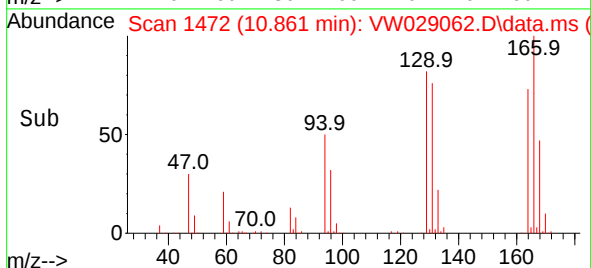
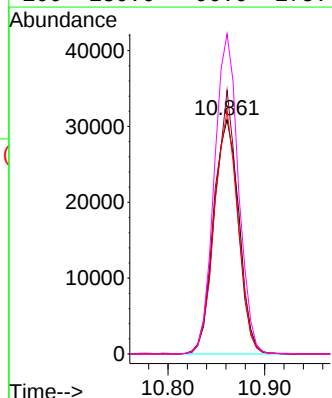
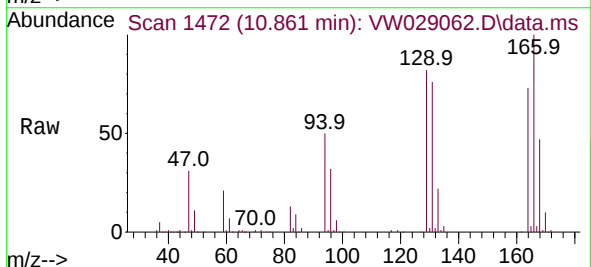
Ion Ratio Lower Upper

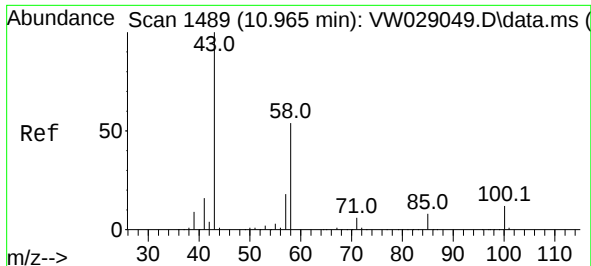
164 100

129 112.5 69.4 128.8

131 103.8 71.0 131.9

166 136.6 96.0 178.4

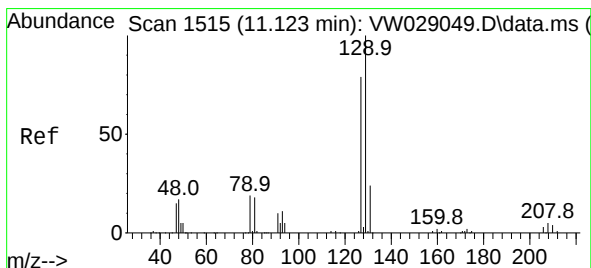
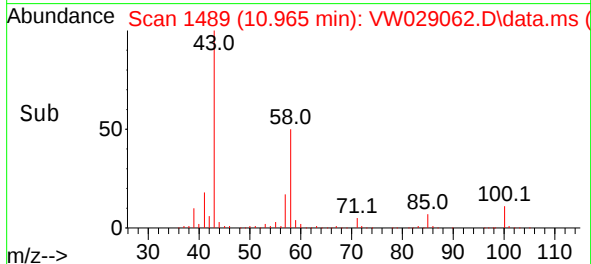
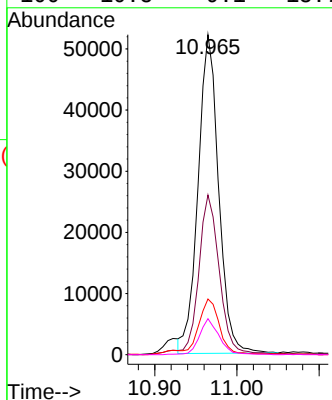
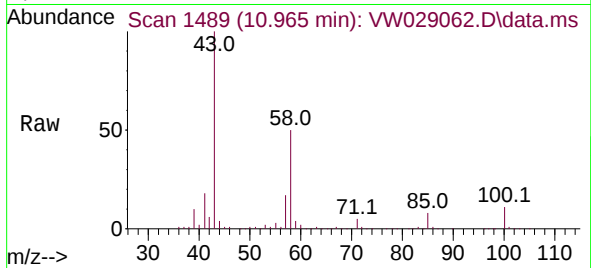




#48
2-Hexanone
Concen: 67.666 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

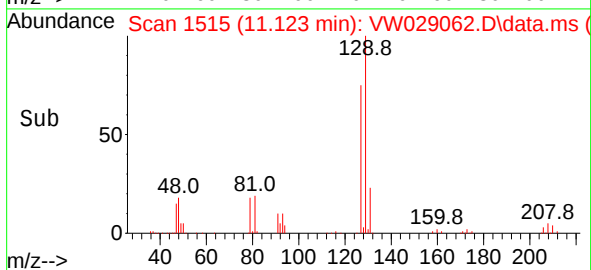
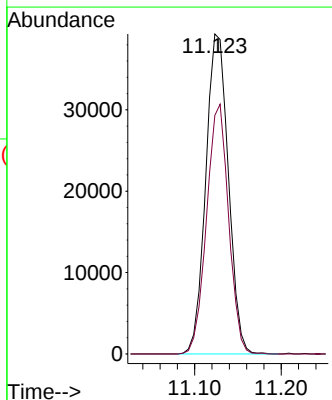
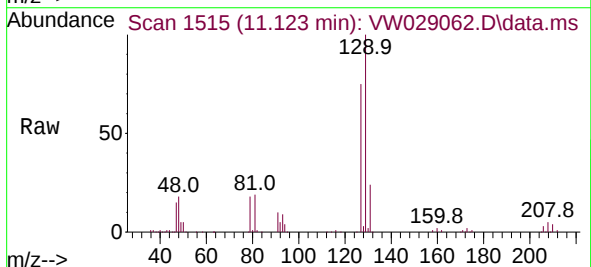
Instrument :
MSVOA_W
ClientSampleId :

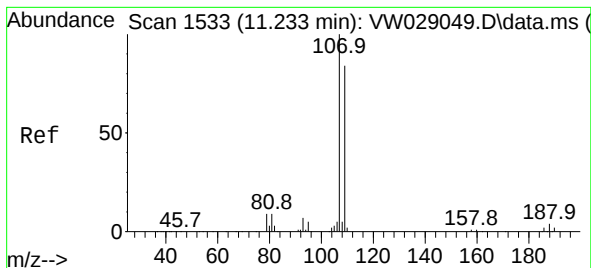
Tgt Ion:	43	Resp:	90687
Ion Ratio	Lower	Upper	
43	100		
58	49.5	41.4	62.0
57	16.9	14.2	21.4
100	10.8	9.1	13.7



#49
Dibromochloromethane
Concen: 28.471 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

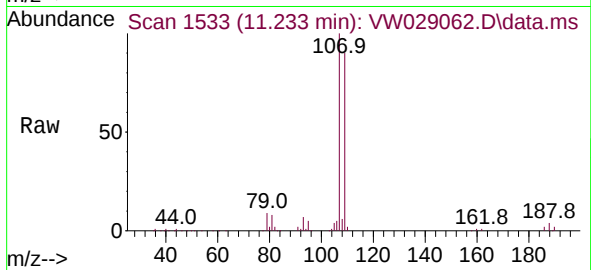
Tgt Ion:	129	Resp:	71375
Ion Ratio	Lower	Upper	
129	100		
127	74.5	56.5	104.9



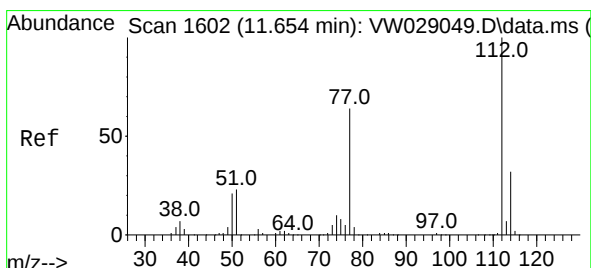
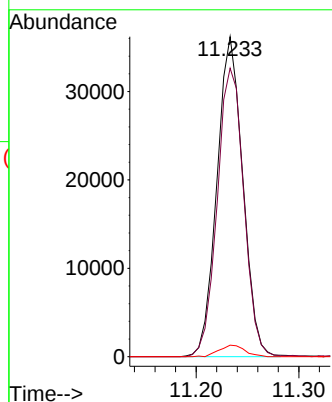
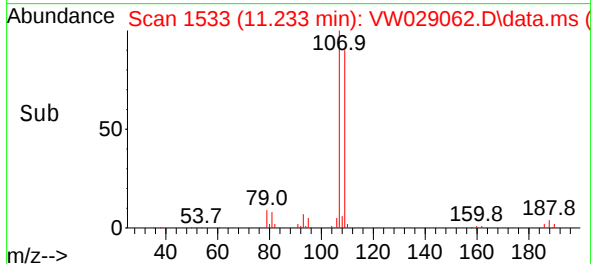


#50
1,2-Dibromoethane
Concen: 29.188 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Instrument :
MSVOA_W
ClientSampleId :

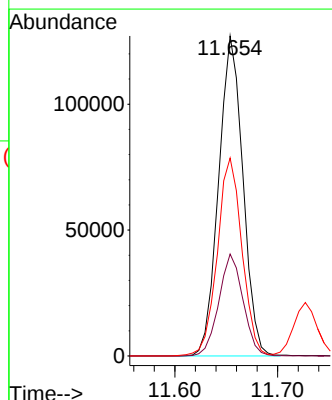
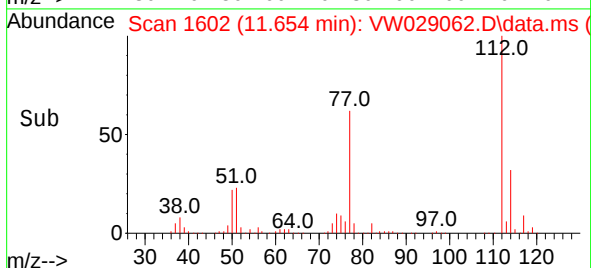
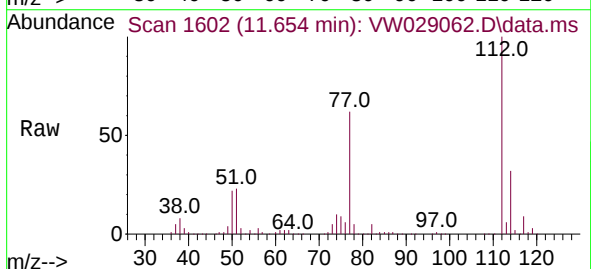


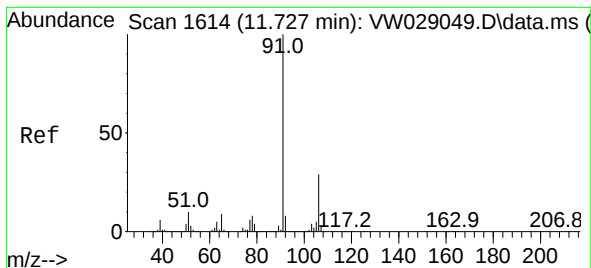
Tgt Ion:107 Resp: 63241
Ion Ratio Lower Upper
107 100
109 90.2 67.9 126.1
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 23.653 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Tgt Ion:112 Resp: 208310
Ion Ratio Lower Upper
112 100
114 31.8 23.7 44.1
77 61.9 51.7 77.5

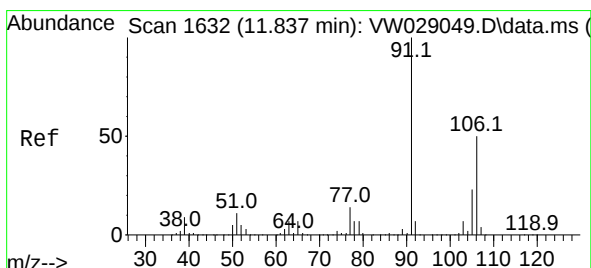
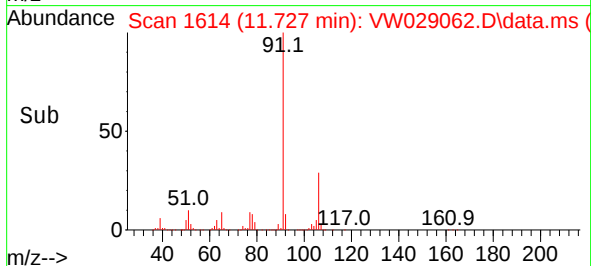
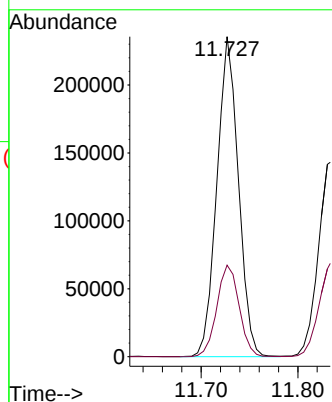
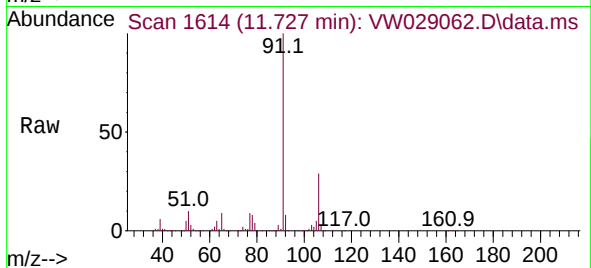




#52
Ethylbenzene
Concen: 23.340 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

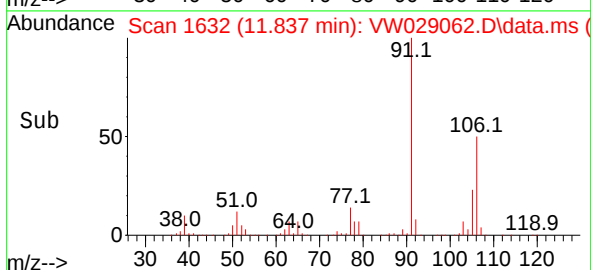
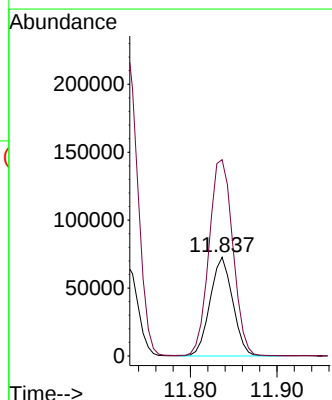
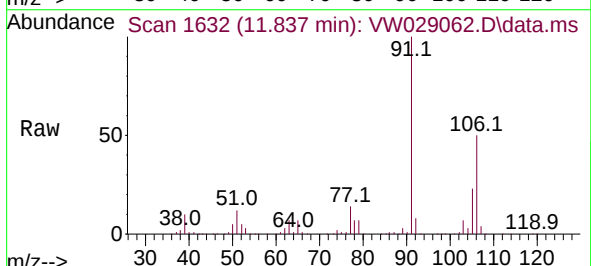
Instrument :
MSVOA_W
ClientSampleId :

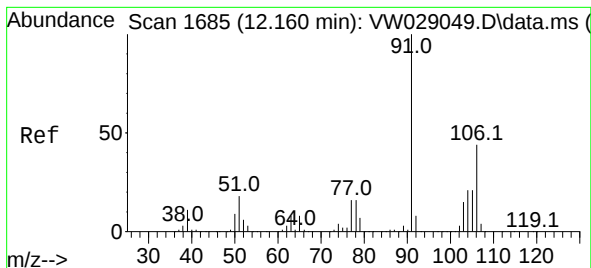
Tgt Ion: 91 Resp: 363558
Ion Ratio Lower Upper
91 100
106 28.6 19.9 37.0



#53
m,p-Xylene
Concen: 22.838 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Tgt Ion: 106 Resp: 131762
Ion Ratio Lower Upper
106 100
91 198.9 152.0 282.2





#54

o-Xylene

Concen: 23.925 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

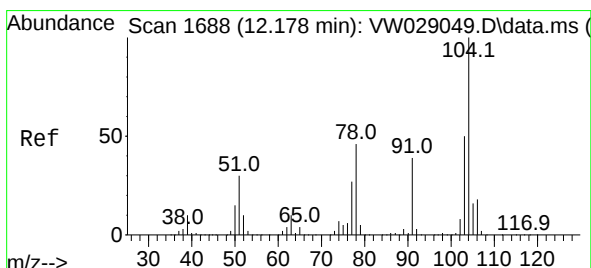
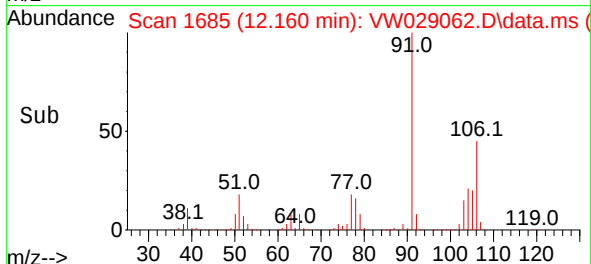
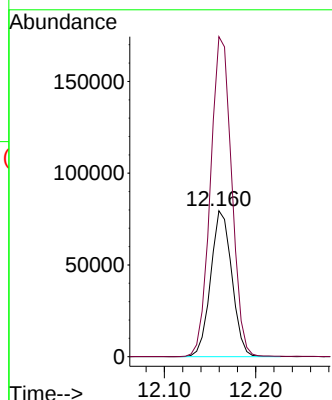
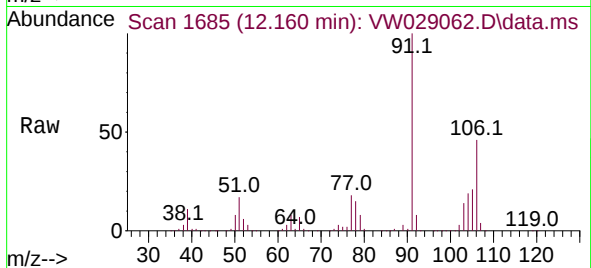
ClientSampleId :

Tgt Ion:106 Resp: 127816

Ion Ratio Lower Upper

106 100

91 219.2 152.5 283.3



#55

Styrene

Concen: 22.570 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029062.D

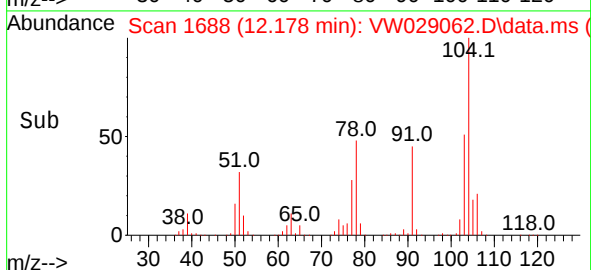
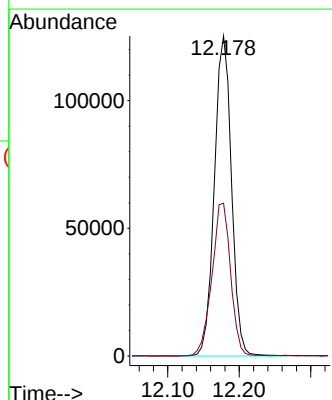
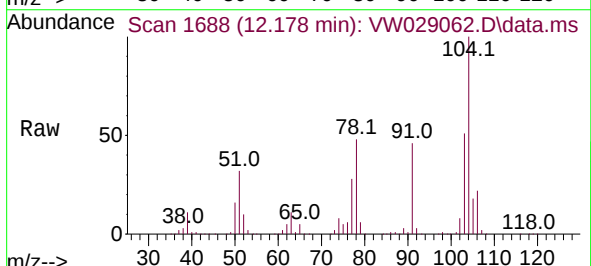
Acq: 07 Jun 2024 15:05

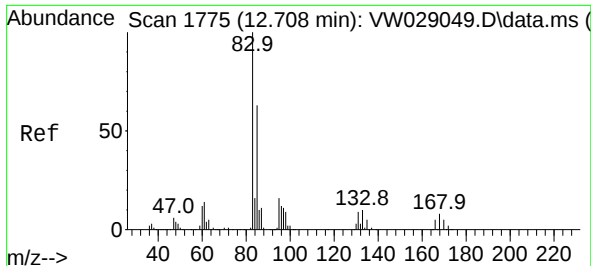
Tgt Ion:104 Resp: 207876

Ion Ratio Lower Upper

104 100

78 47.8 33.3 61.9

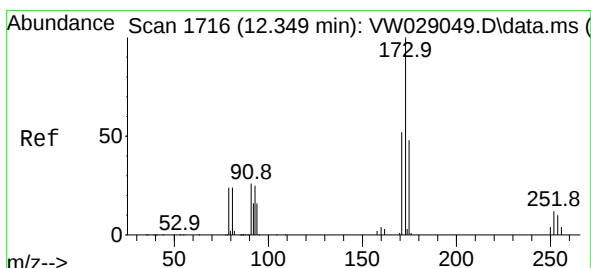
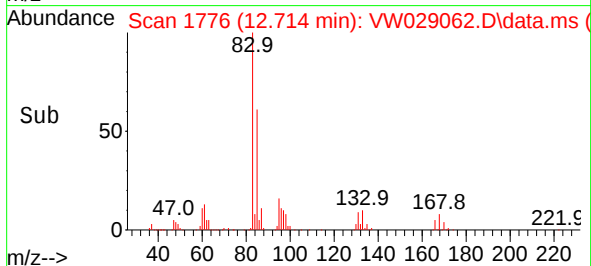
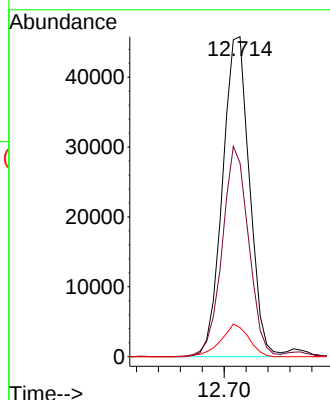
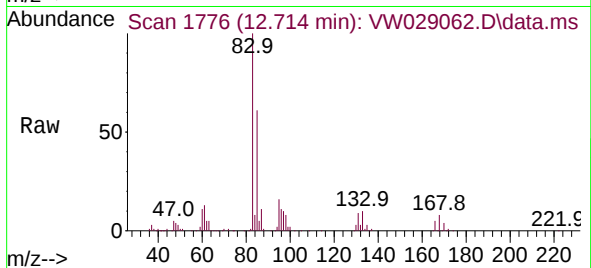




#57
1,1,2,2-Tetrachloroethane
Concen: 29.133 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

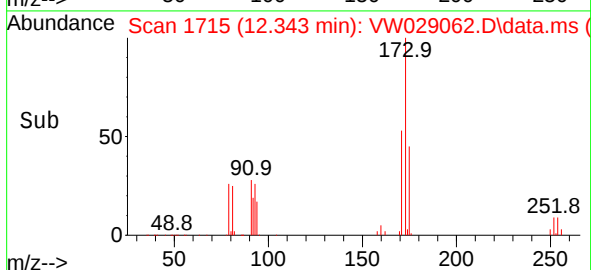
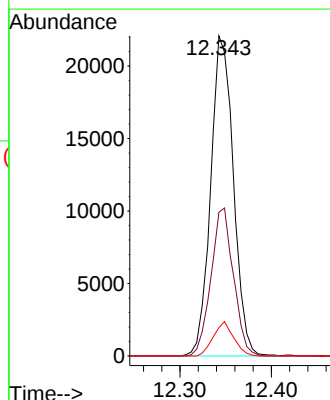
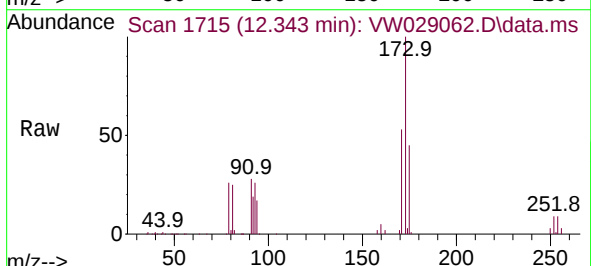
Instrument :
MSVOA_W
ClientSampleId :

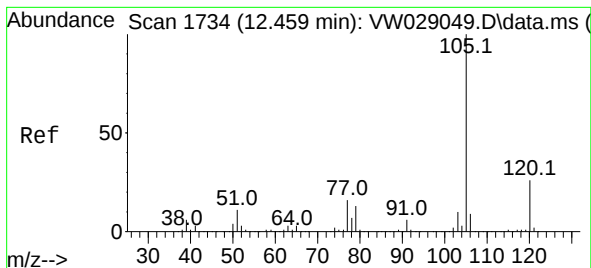
Tgt Ion: 83 Resp: 78059
Ion Ratio Lower Upper
83 100
85 60.5 43.8 81.3
131 9.1 7.3 10.9



#59
Bromoform
Concen: 38.596 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Tgt Ion:173 Resp: 38096
Ion Ratio Lower Upper
173 100
175 45.6 38.1 57.1
254 9.6 8.2 12.2





#60

Isopropylbenzene

Concen: 27.885 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

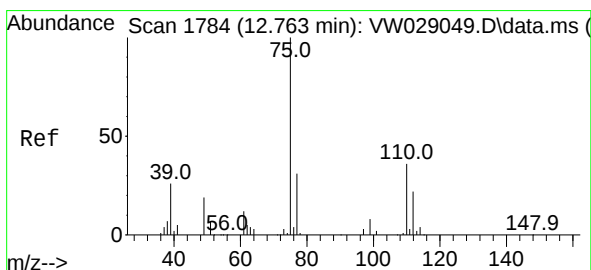
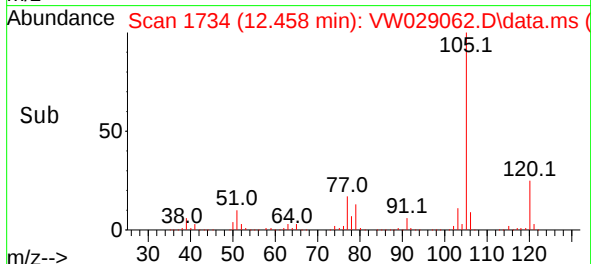
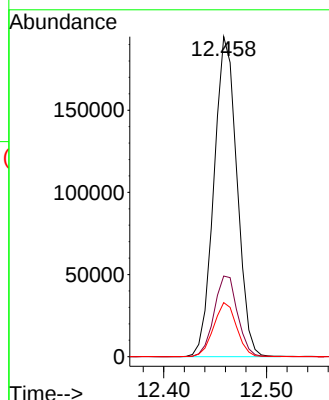
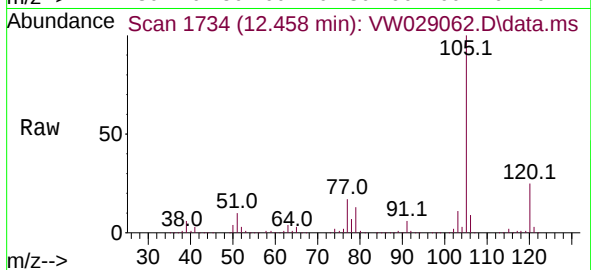
Tgt Ion:105 Resp: 302918

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 16.9 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 41.588 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

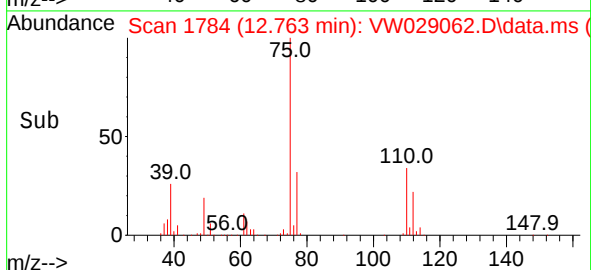
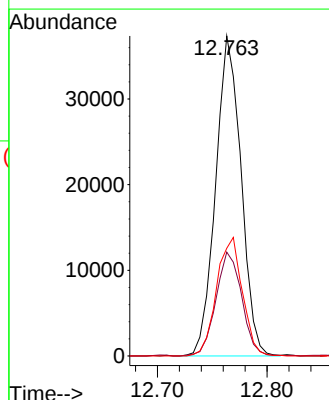
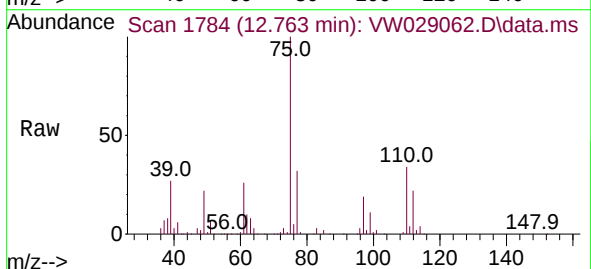
Tgt Ion: 75 Resp: 60215

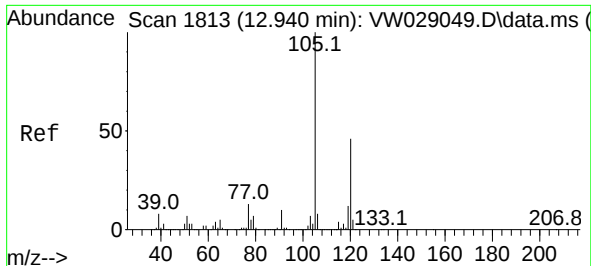
Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5

110 37.5 29.4 44.0

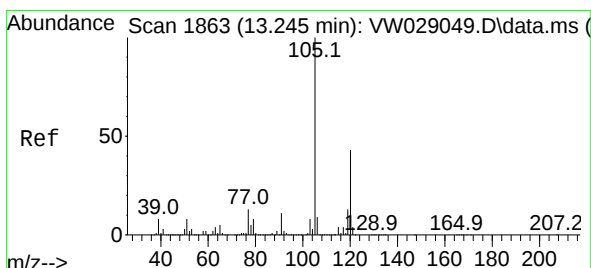
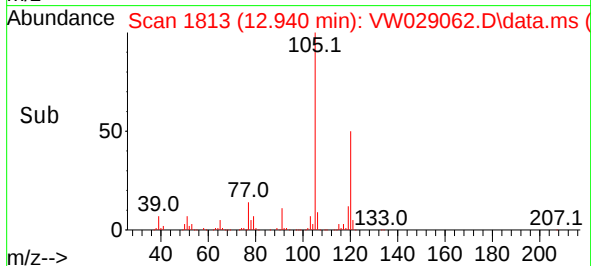
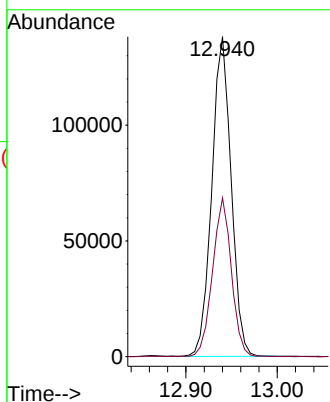
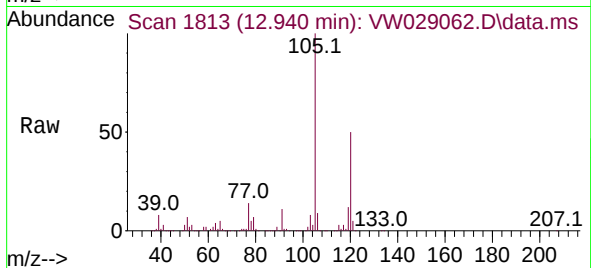




#62
1,3,5-Trimethylbenzene
Concen: 25.669 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

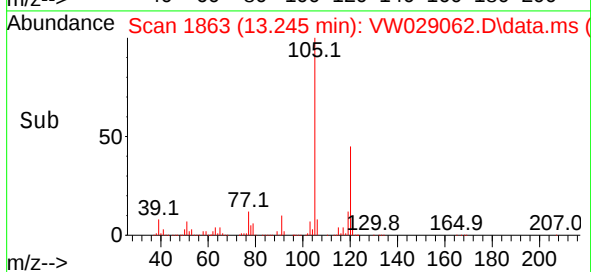
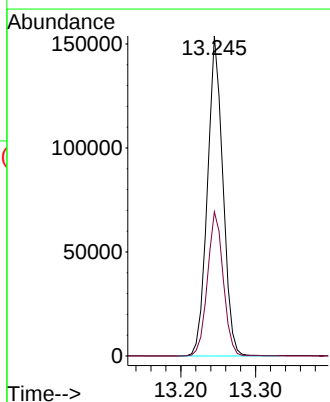
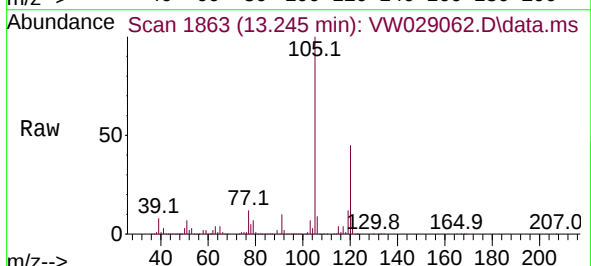
Instrument :
MSVOA_W
ClientSampleId :

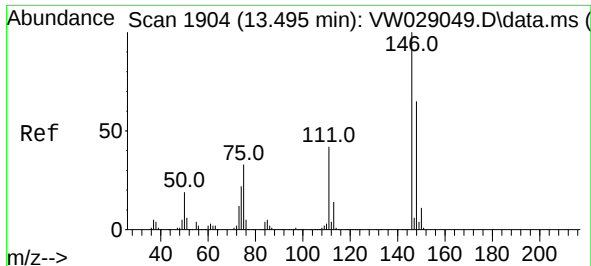
Tgt Ion:105 Resp: 202811
Ion Ratio Lower Upper
105 100
120 48.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.449 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

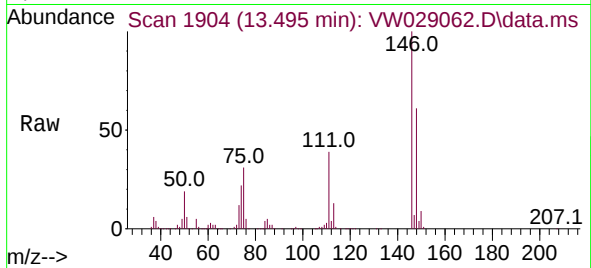
Tgt Ion:105 Resp: 220847
Ion Ratio Lower Upper
105 100
120 45.7 35.8 53.8



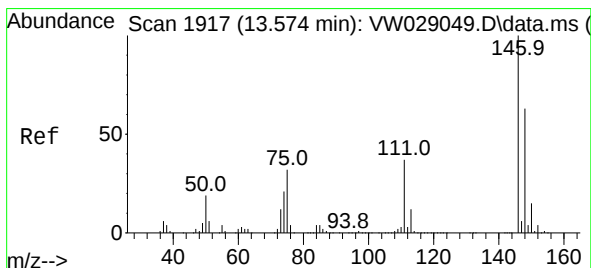
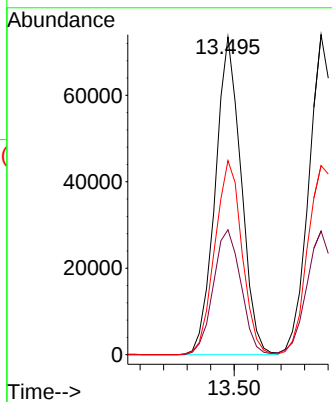
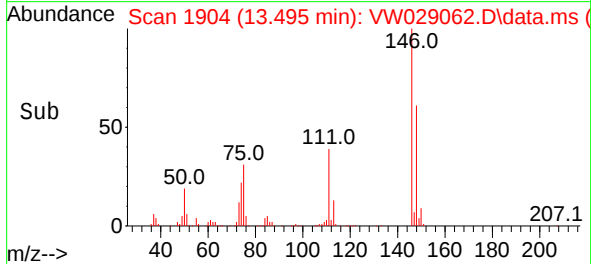


#64
1,3-Dichlorobenzene
Concen: 24.128 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Instrument :
MSVOA_W
ClientSampleId :

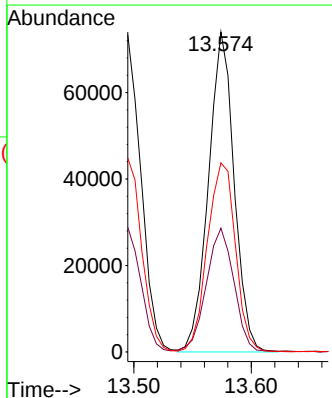
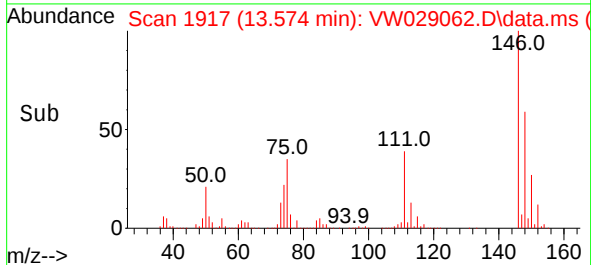
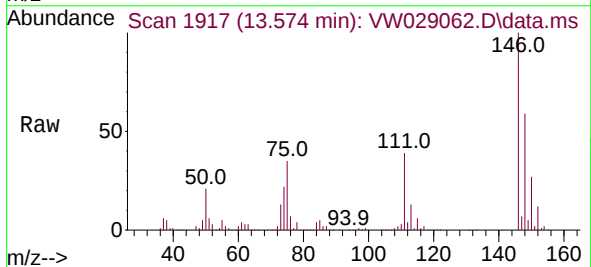


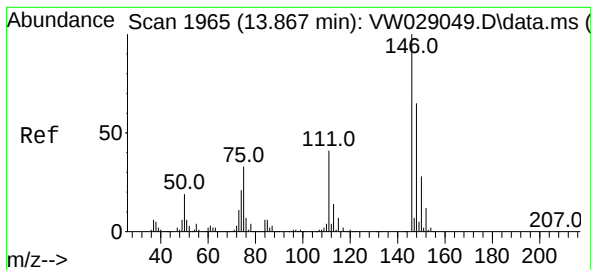
Tgt Ion:146 Resp: 112636
Ion Ratio Lower Upper
146 100
111 39.3 29.4 54.6
148 61.1 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 23.129 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

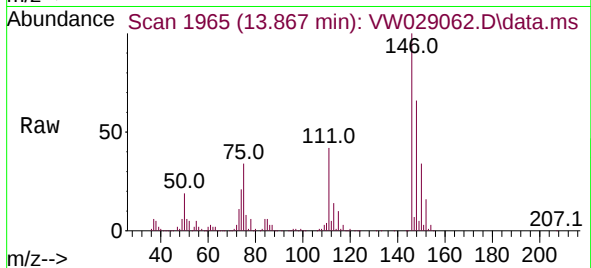
Tgt Ion:146 Resp: 112768
Ion Ratio Lower Upper
146 100
111 38.6 27.5 51.1
148 59.1 39.5 73.3



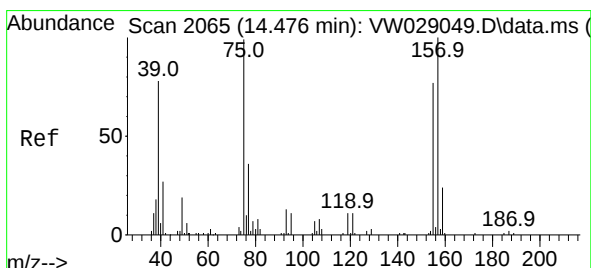
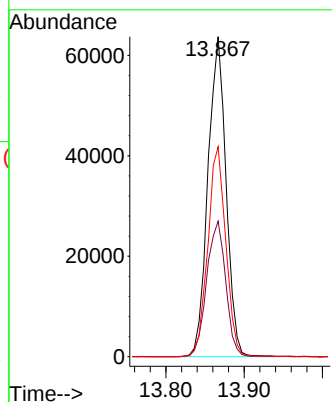
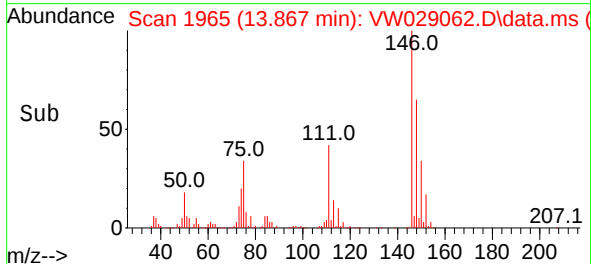


#67
1,2-Dichlorobenzene
Concen: 24.441 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

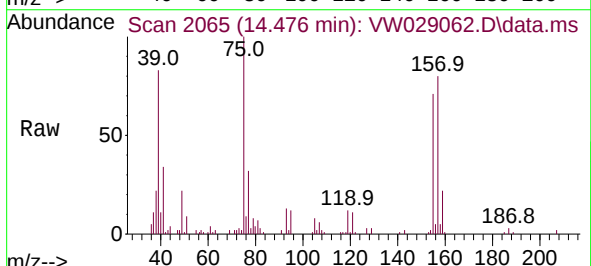
Instrument :
MSVOA_W
ClientSampleId :



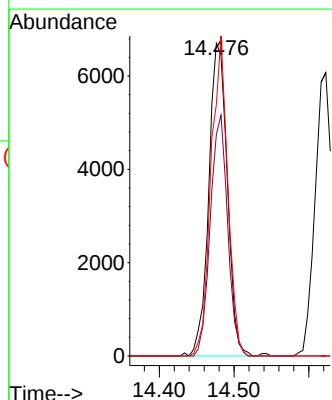
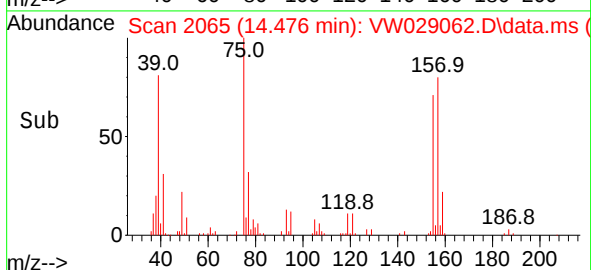
Tgt Ion:146 Resp: 102266
Ion Ratio Lower Upper
146 100
111 42.4 32.8 49.2
148 65.6 48.2 72.4

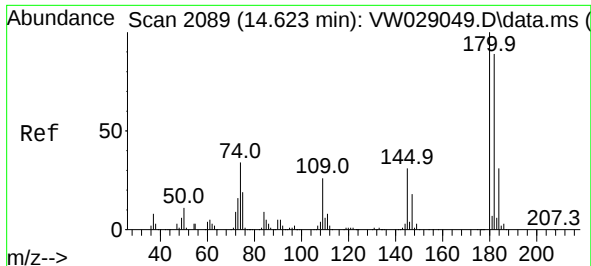


#68
1,2-Dibromo-3-chloropropane
Concen: 37.491 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05



Tgt Ion: 75 Resp: 11570
Ion Ratio Lower Upper
75 100
155 70.9 52.3 78.5
157 80.5 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 15.497 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

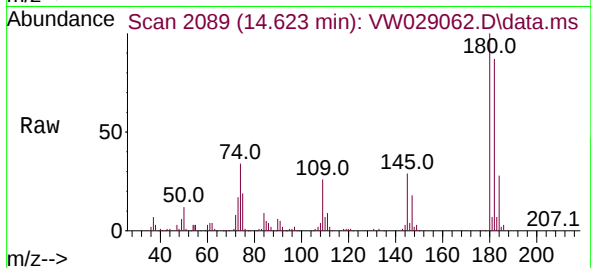
Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 49671

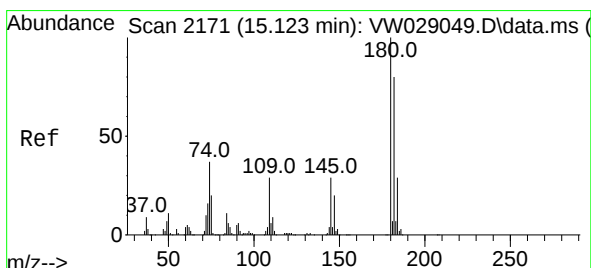
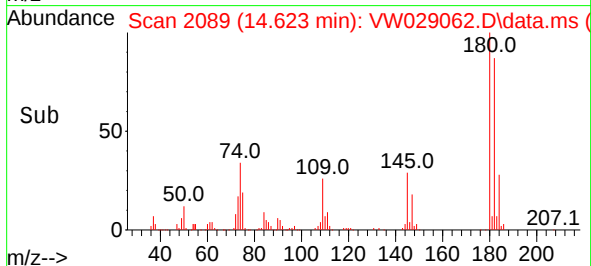
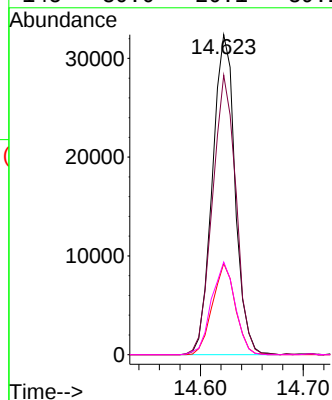
Ion Ratio Lower Upper

180 100

182 90.5 77.4 116.0

184 28.5 24.6 36.8

145 30.0 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 13.415 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

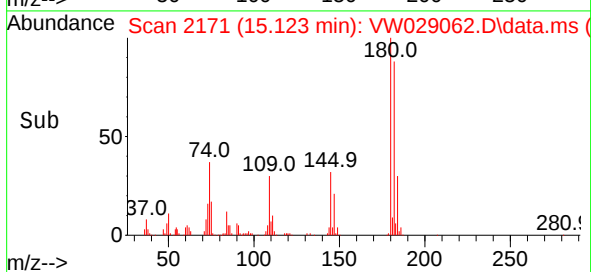
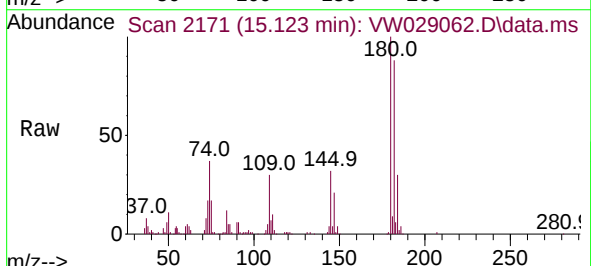
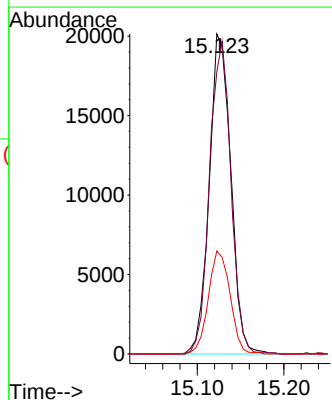
Tgt Ion:180 Resp: 34851

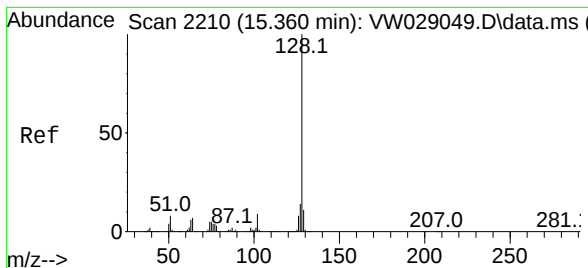
Ion Ratio Lower Upper

180 100

182 96.8 75.3 112.9

145 32.4 26.2 39.2





#71

Naphthalene

Concen: 19.497 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

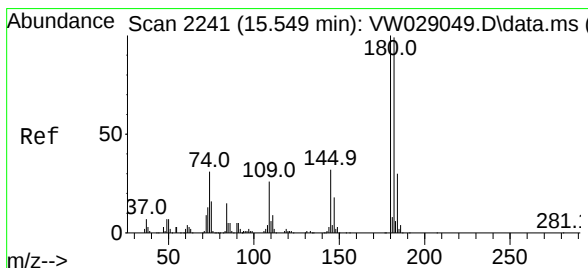
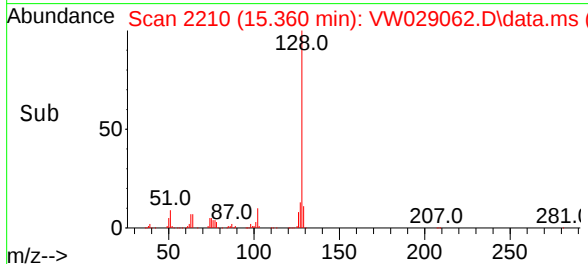
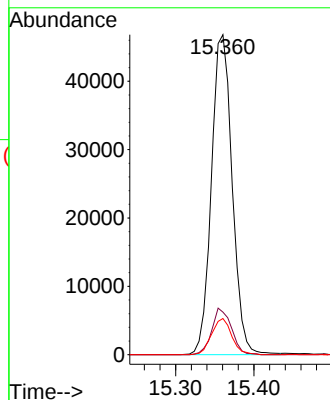
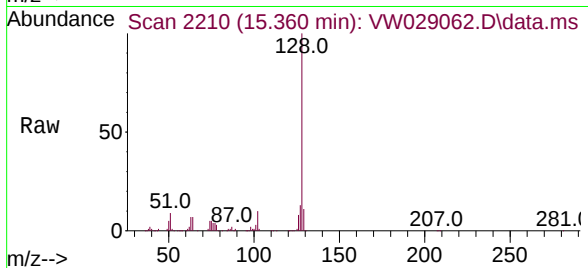
Tgt Ion:128 Resp: 86297

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 12.365 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Tgt Ion:180 Resp: 27444

Ion Ratio Lower Upper

180 100

182 99.1 75.4 113.0

145 36.3 26.6 39.8

