

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 :
 A4B87MSD

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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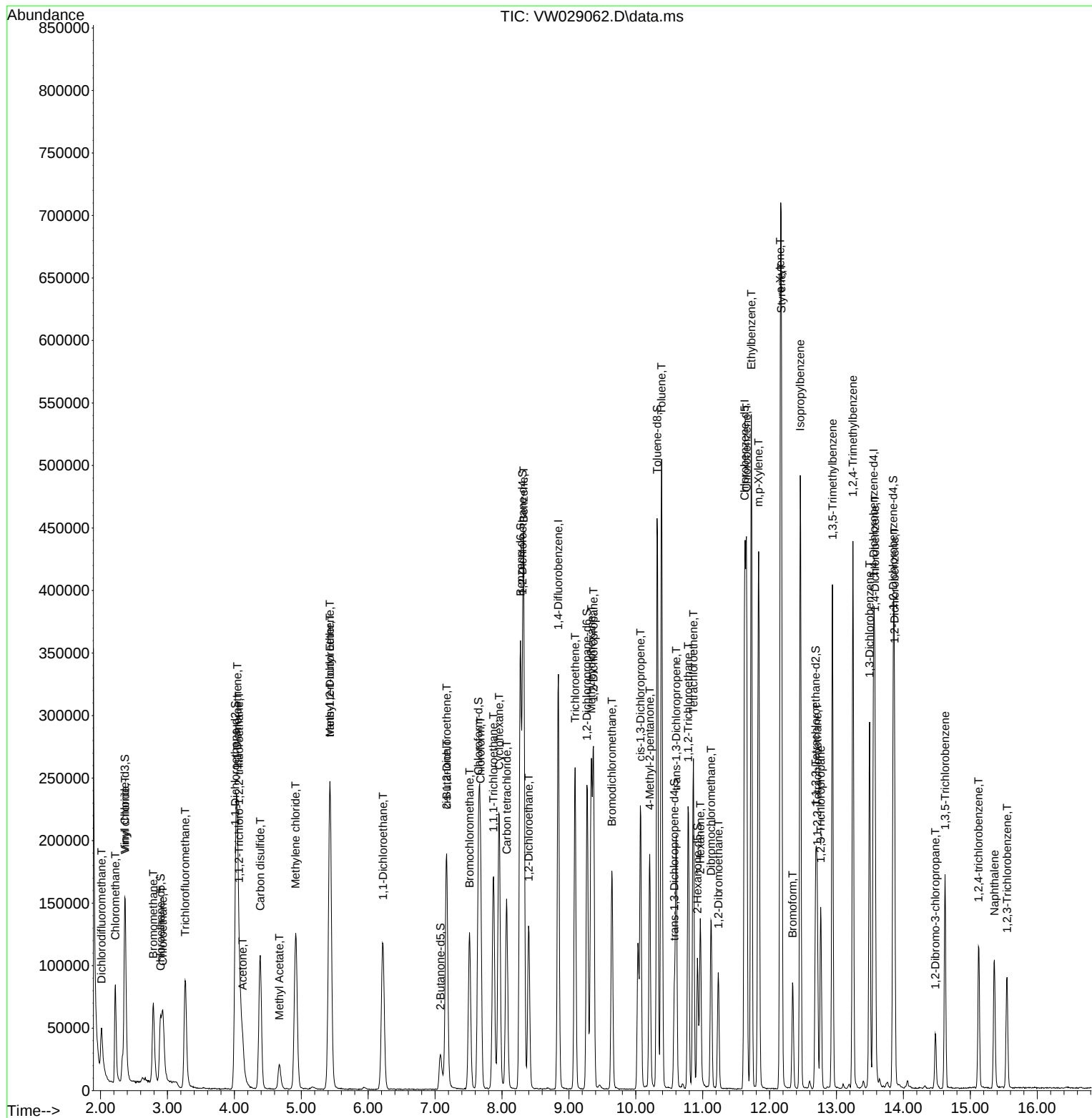
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121123	26.008	ug/L	99
29) Cyclohexane	7.959	56	121500	22.642	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	133990	26.794	ug/L	99
31) Carbon tetrachloride	8.069	117	112357	24.667	ug/L	97
33) Benzene	8.325	78	370410	27.601	ug/L	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

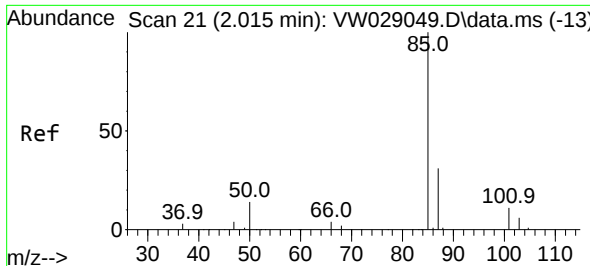
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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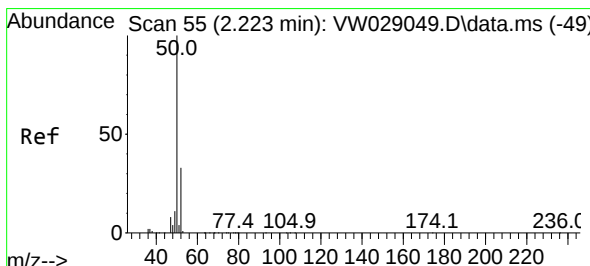
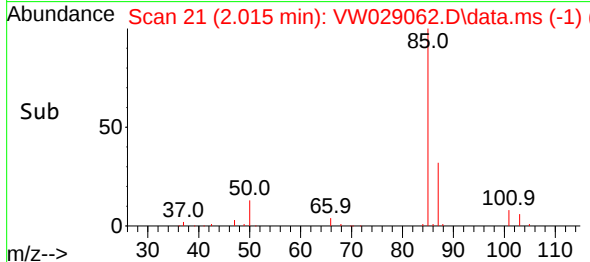
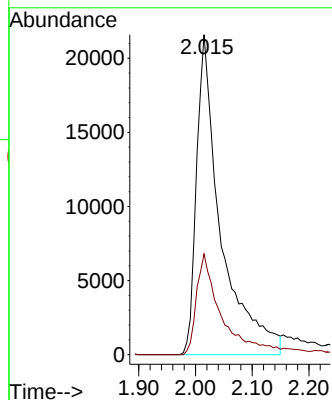
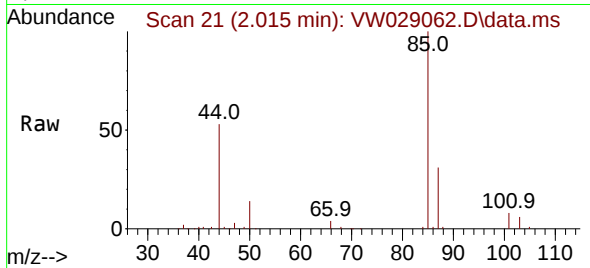




#2
 Dichlorodifluoromethane
 Concen: 21.271 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

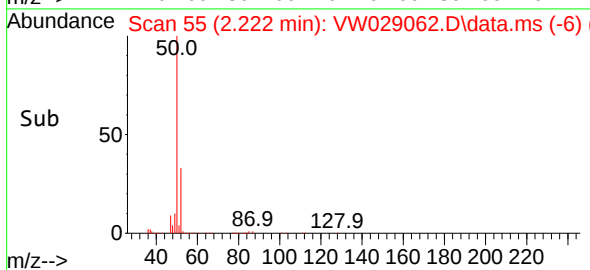
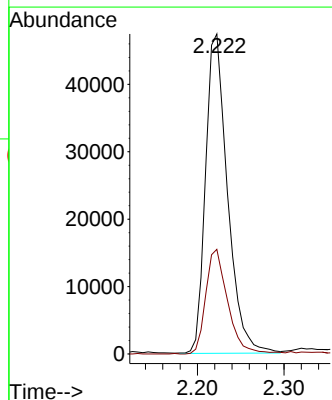
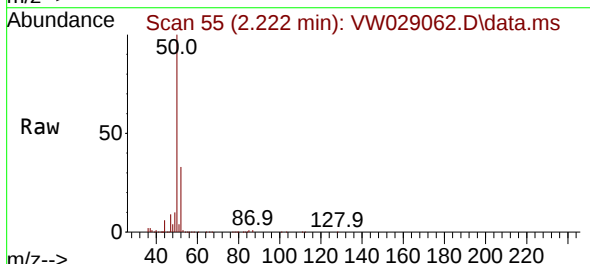
Instrument :
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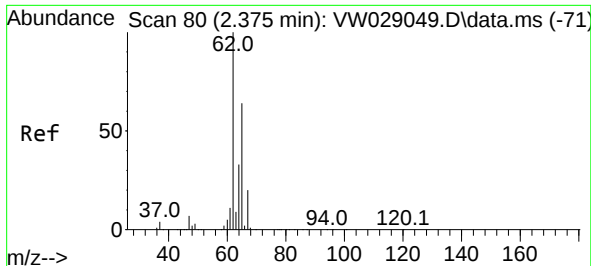
Tgt Ion: 85 Resp: 64144
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.3 37.9



#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

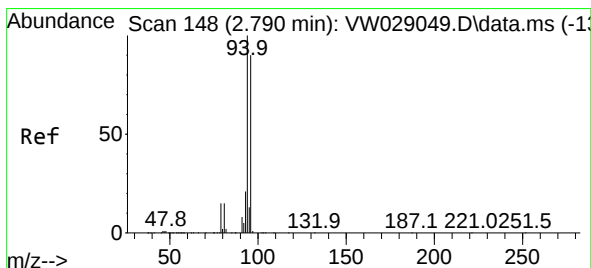
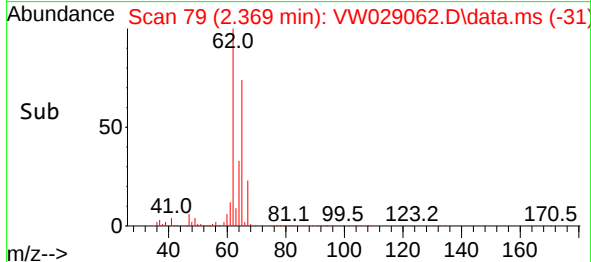
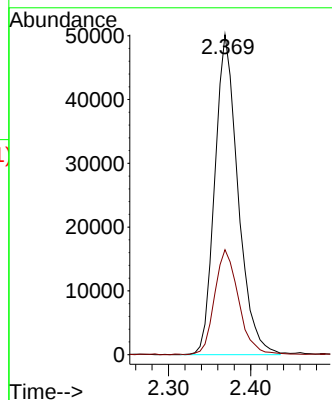
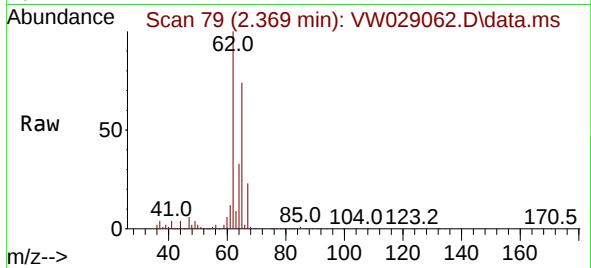




#5
 Vinyl chloride
 Concen: 22.097 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

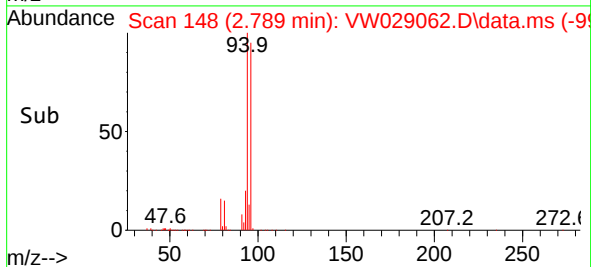
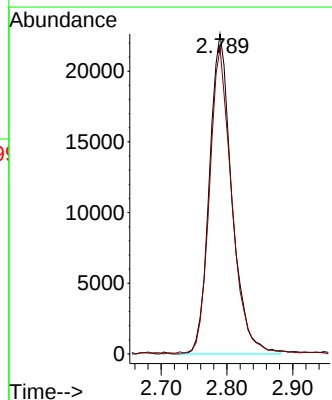
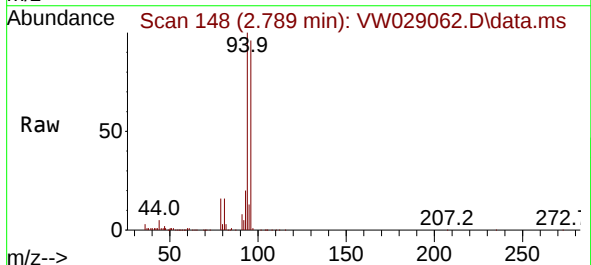
Instrument :
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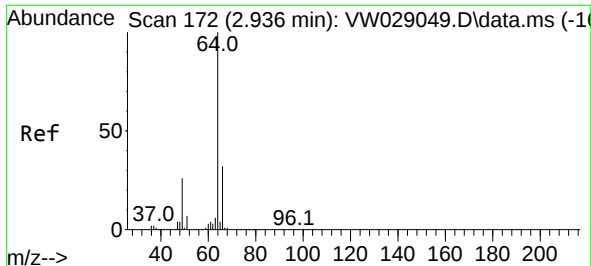
Tgt Ion: 62 Resp: 98539
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#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

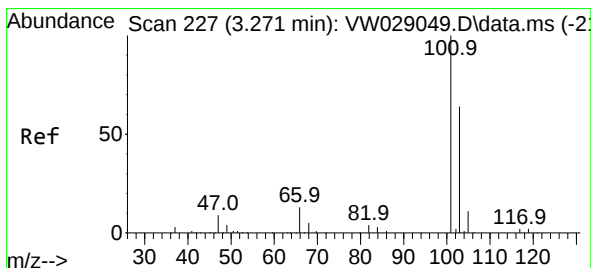
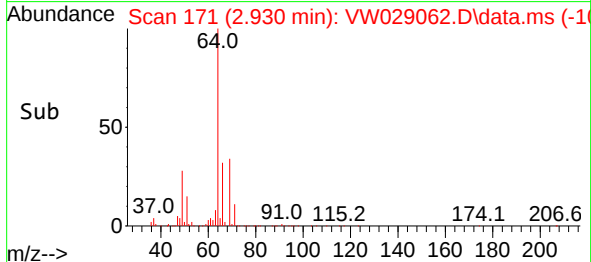
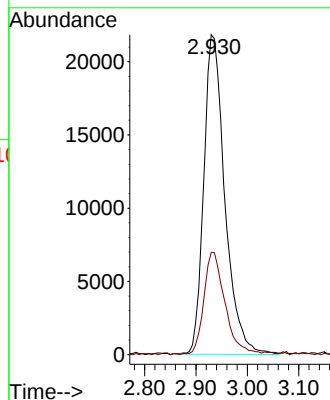
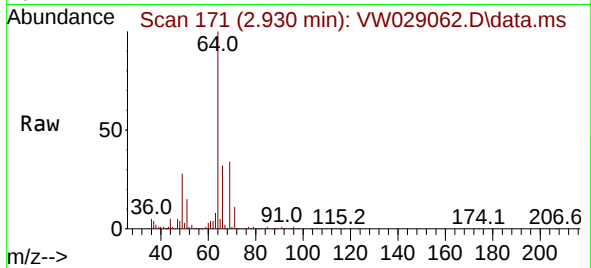




#8
Chloroethane
Concen: 23.094 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

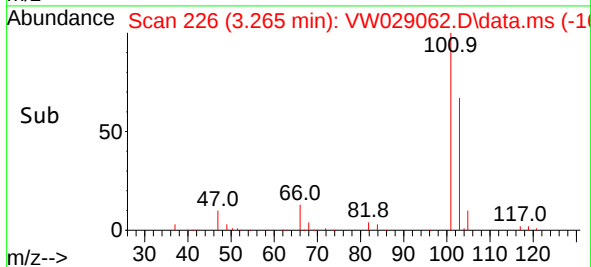
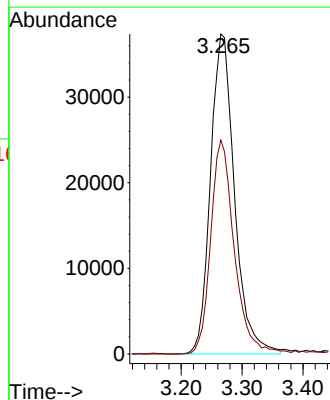
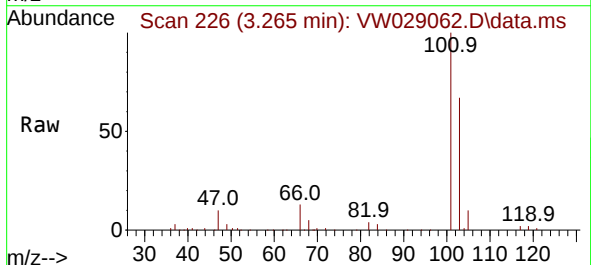
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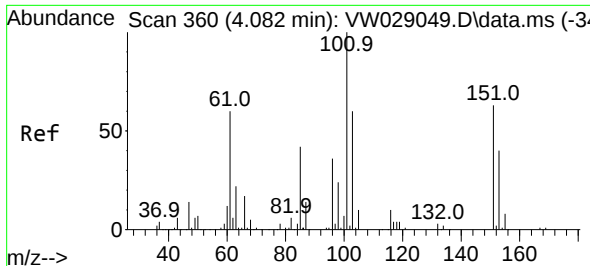
Tgt Ion: 64 Resp: 62196
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#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

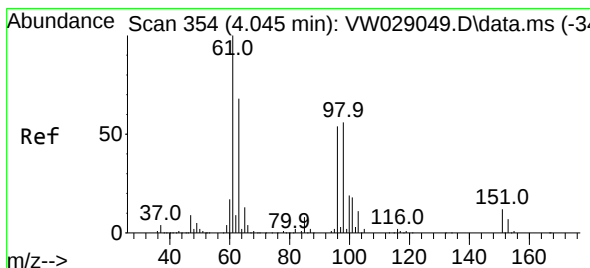
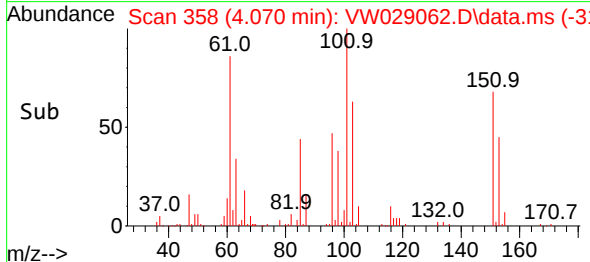
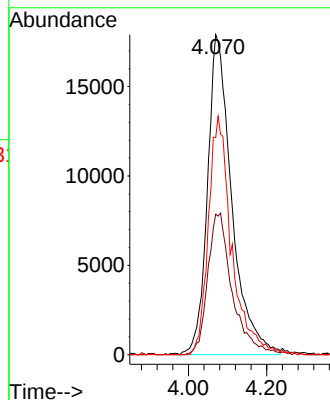
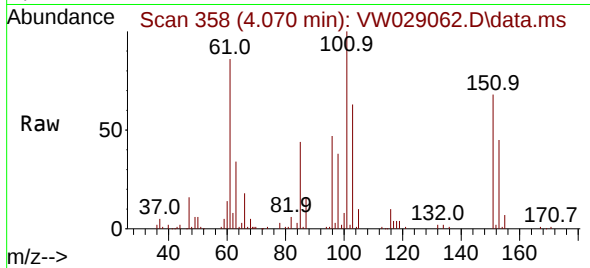




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.079 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

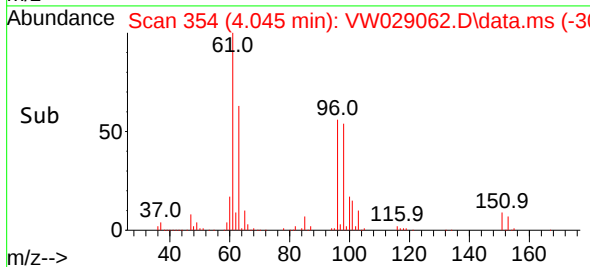
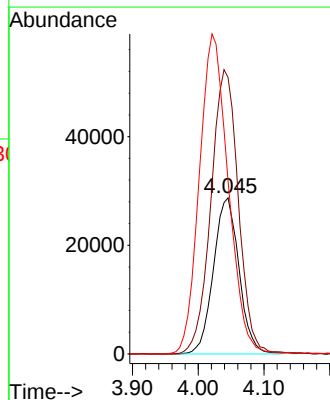
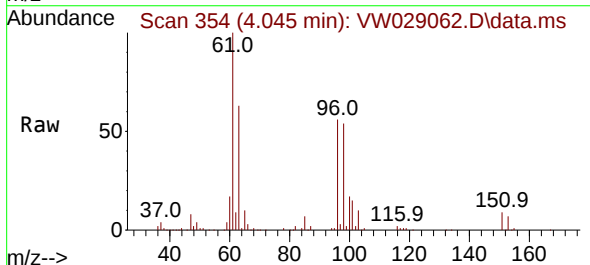
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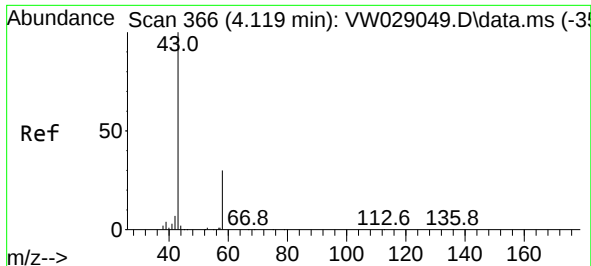
Tgt Ion:101 Resp: 77100
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.8 53.8
 151 70.4 58.5 87.7



#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

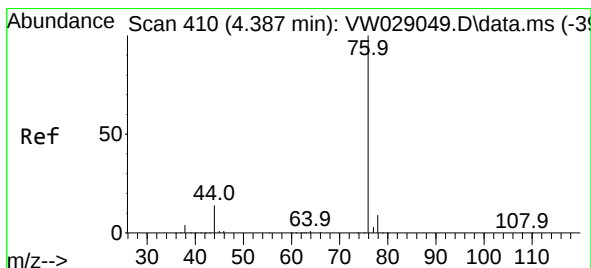
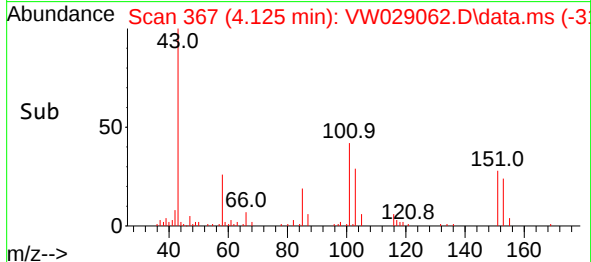
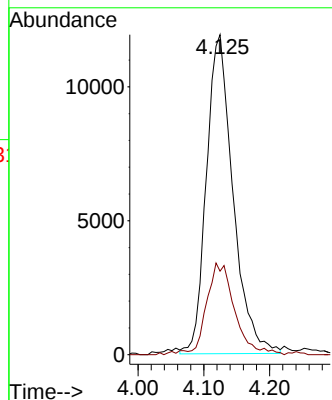
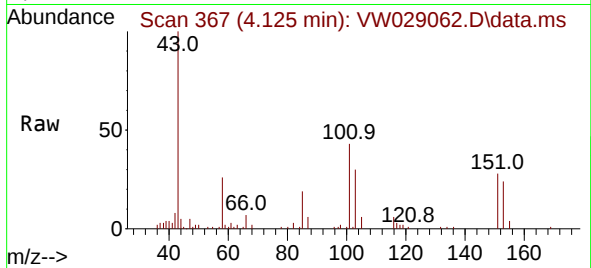




#13
Acetone
Concen: 37.269 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW029062.D
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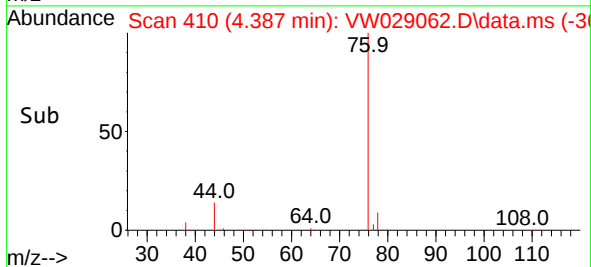
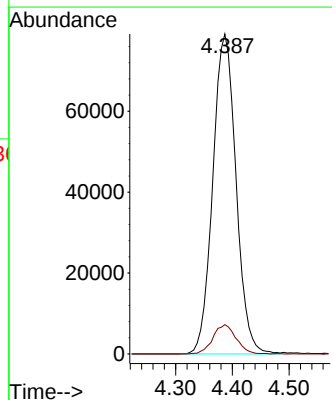
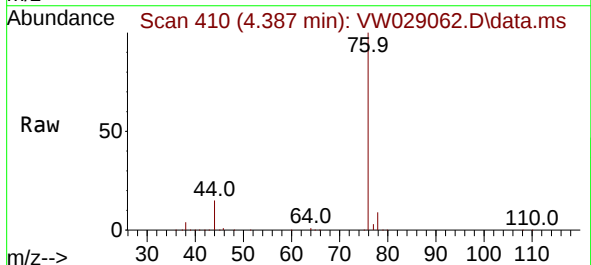
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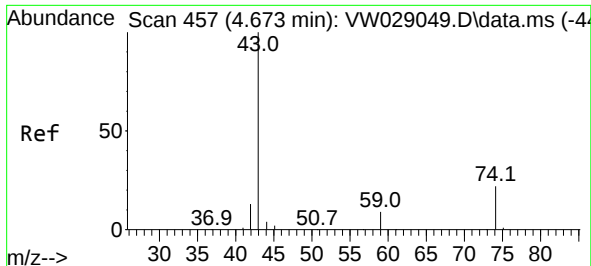
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 59.4



#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

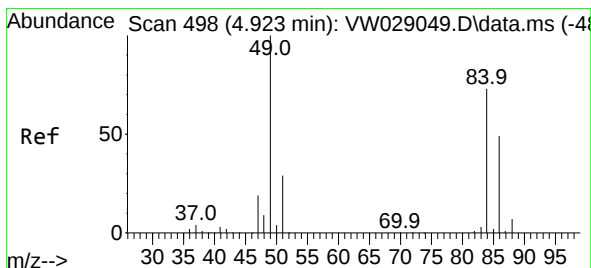
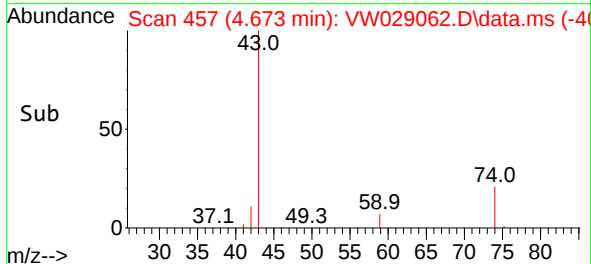
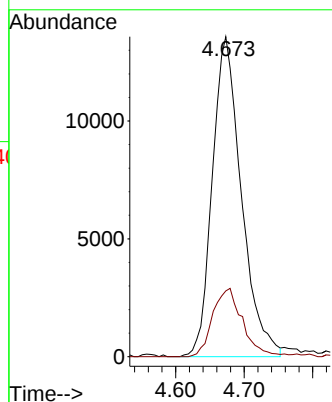
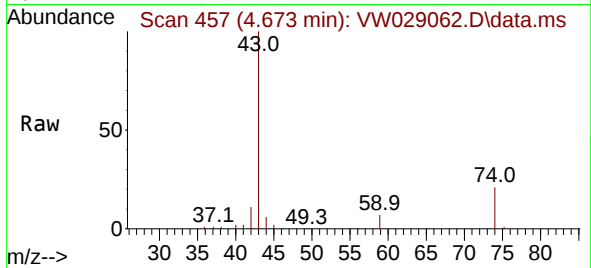




#15
Methyl Acetate
Concen: 26.775 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

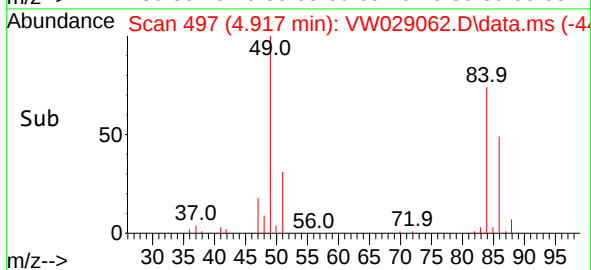
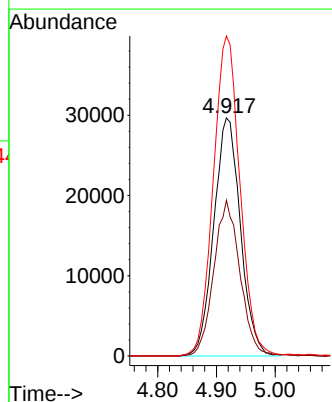
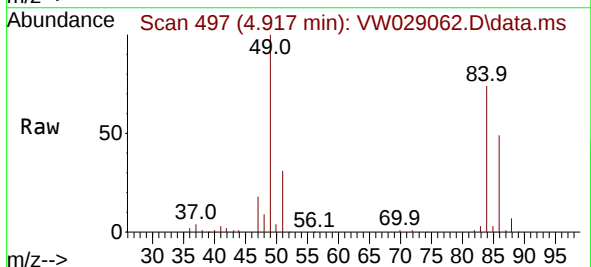
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

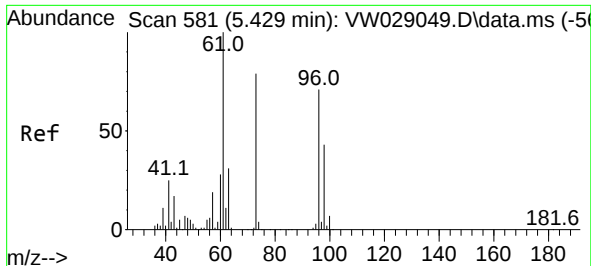
Tgt Ion: 43 Resp: 39946
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2



#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

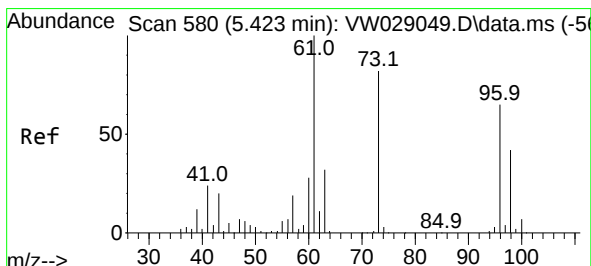
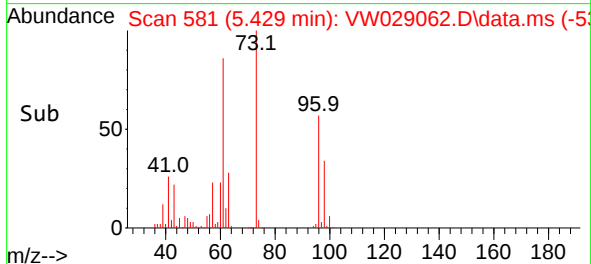
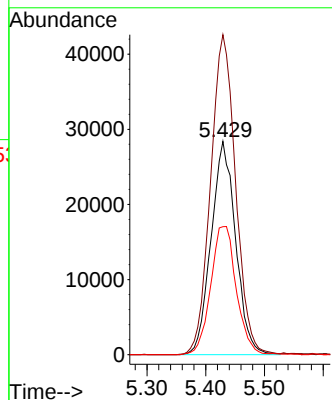
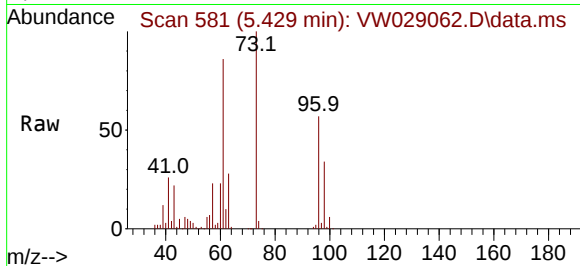




#17
trans-1,2-Dichloroethene
Concen: 22.643 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

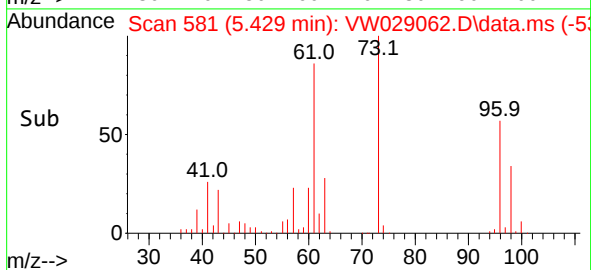
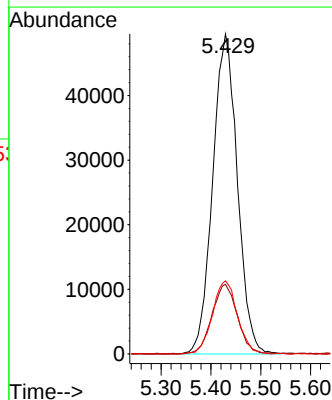
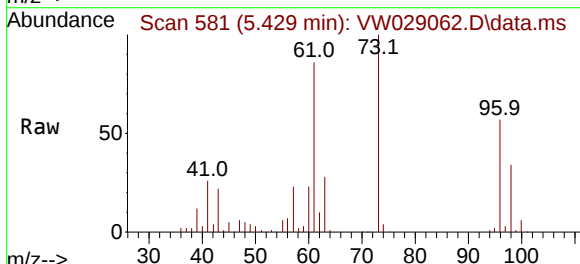
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

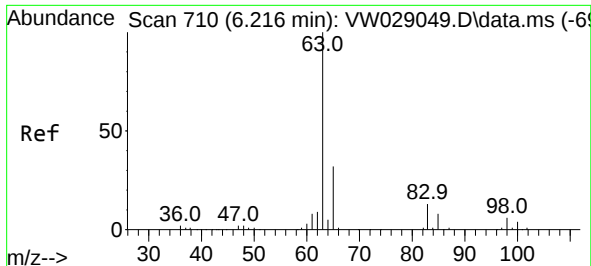
Tgt Ion: 96 Resp: 82407
Ion Ratio Lower Upper
96 100
61 150.0 104.6 194.2
98 60.0 44.0 81.8



#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 :

A4B87MSD

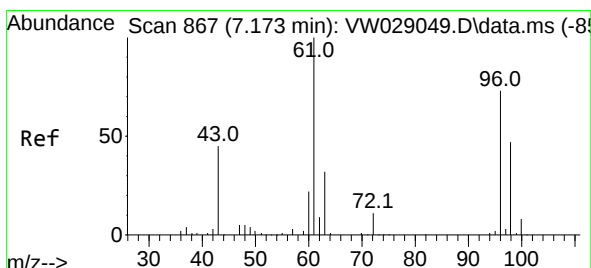
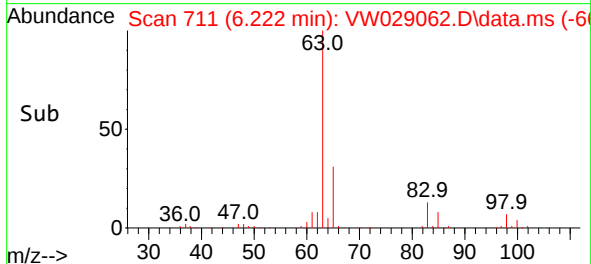
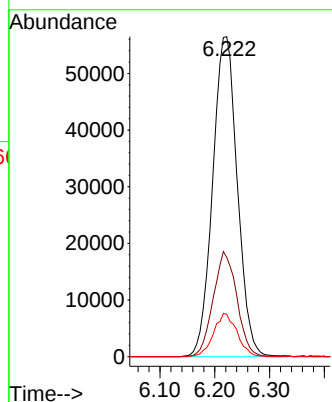
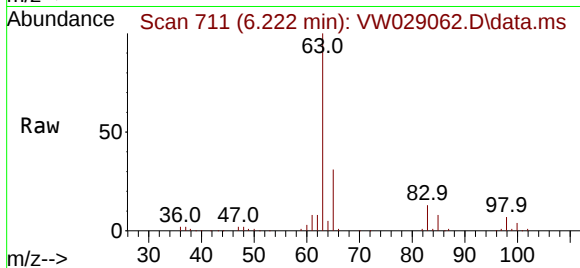
Tgt Ion: 63 Resp: 176555

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

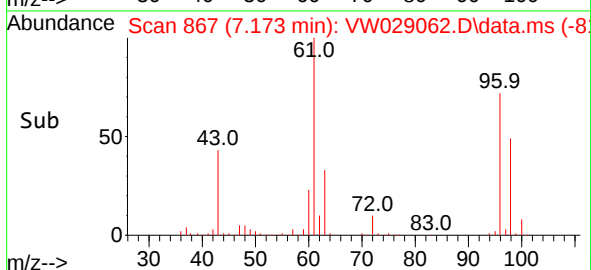
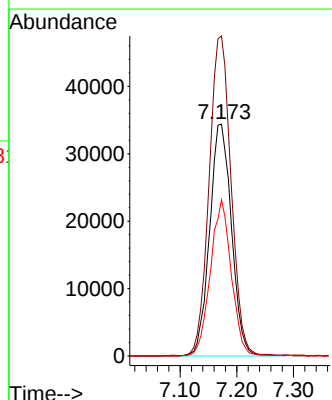
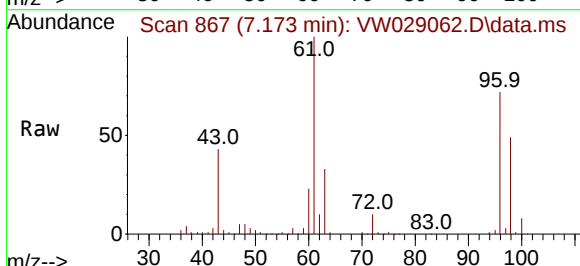
Tgt Ion: 96 Resp: 92246

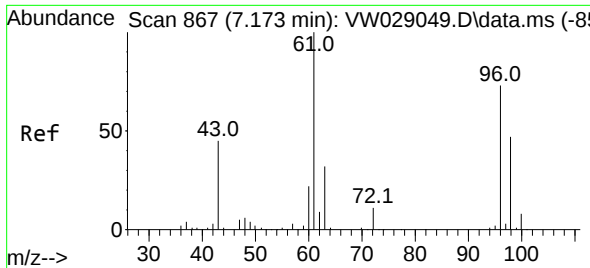
Ion Ratio Lower Upper

96 100

61 138.0 92.9 172.5

98 67.3 45.2 84.0

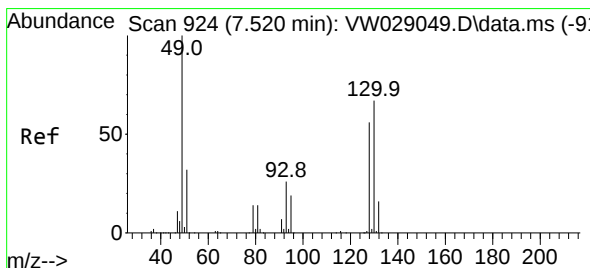
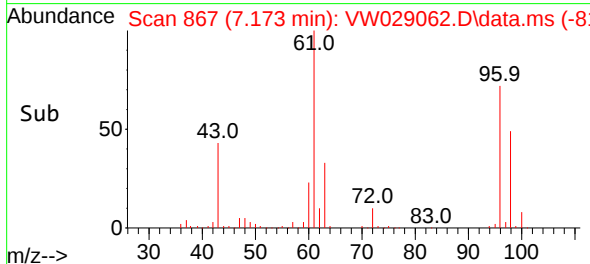
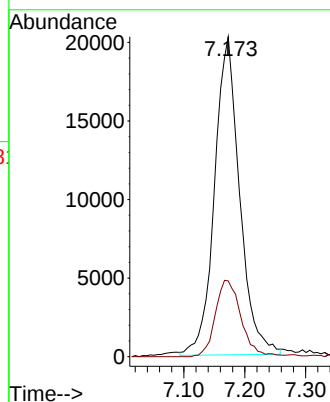
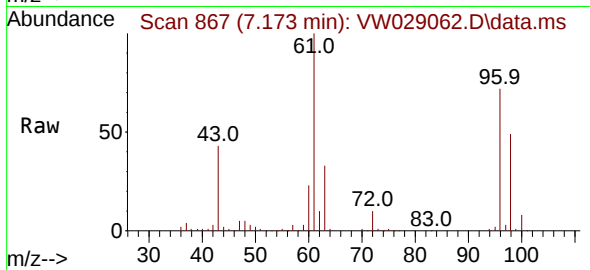




#22
2-Butanone
Concen: 53.574 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

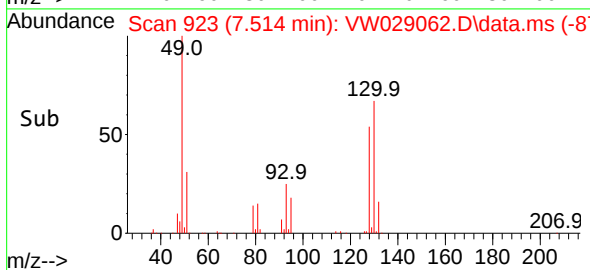
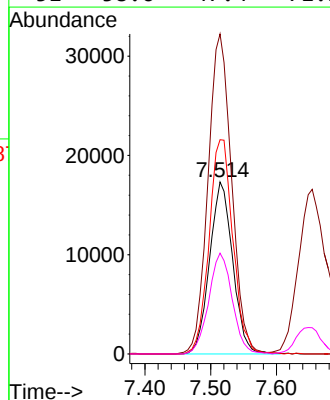
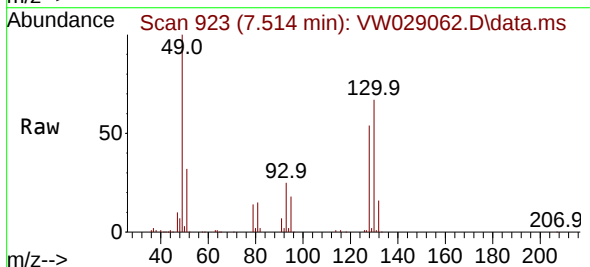
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

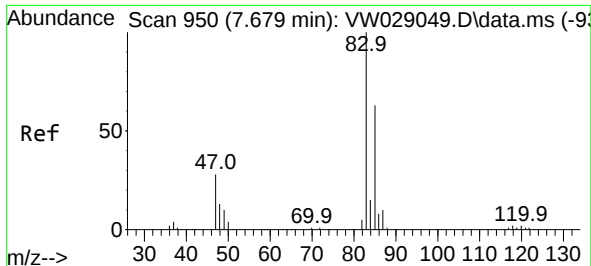
Tgt Ion: 43 Resp: 57989
Ion Ratio Lower Upper
43 100
72 24.1 12.5 37.5



#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

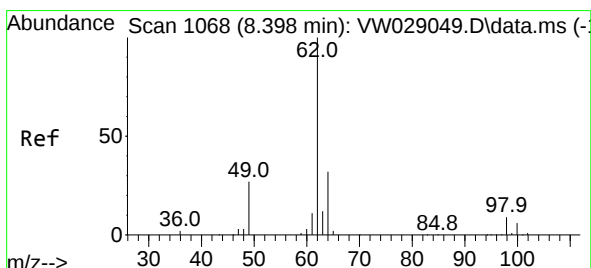
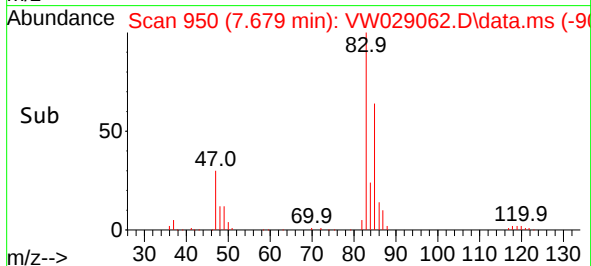
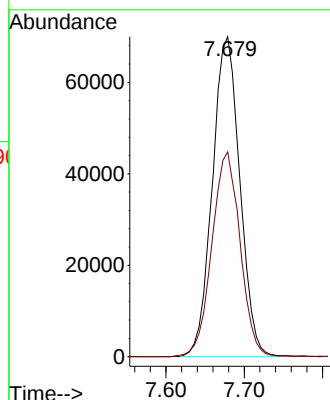
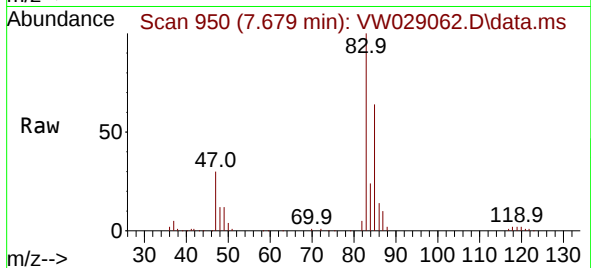




#25
Chloroform
Concen: 24.580 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

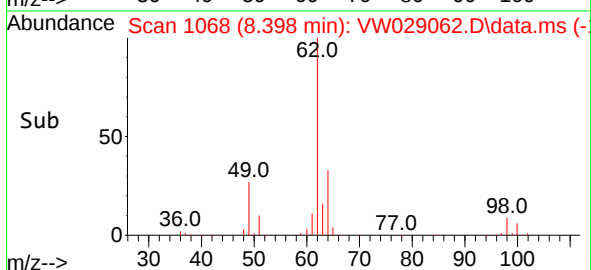
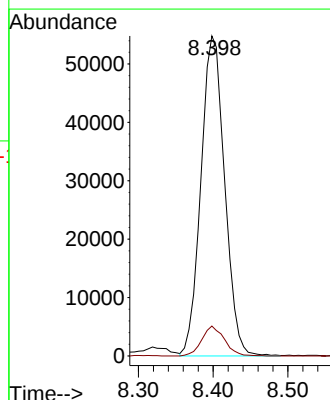
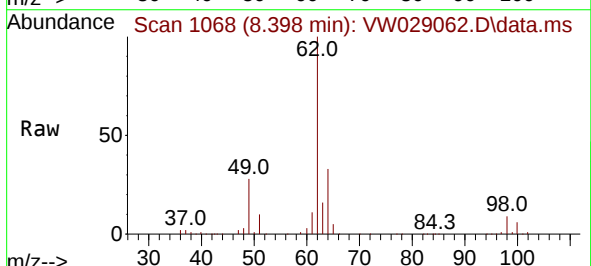
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

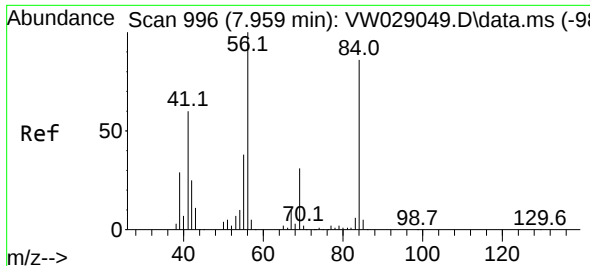
Tgt Ion: 83 Resp: 170820
Ion Ratio Lower Upper
83 100
85 64.0 45.8 85.2



#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

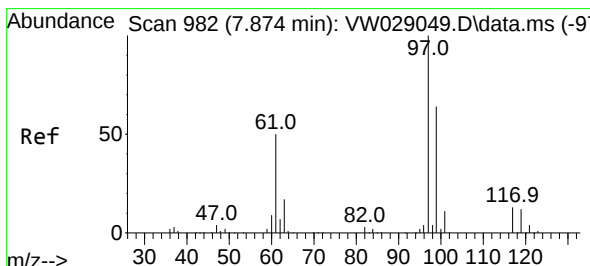
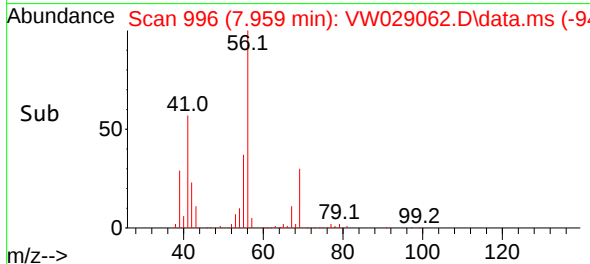
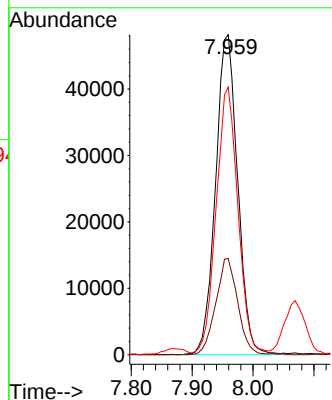
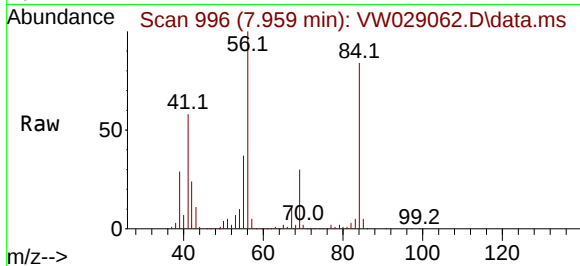




#29
Cyclohexane
Concen: 22.642 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

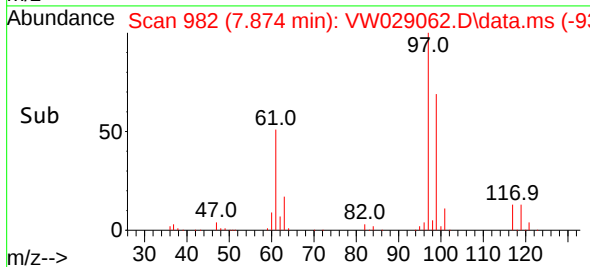
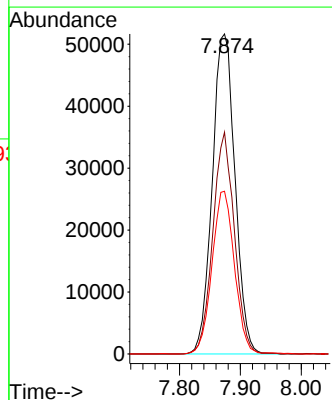
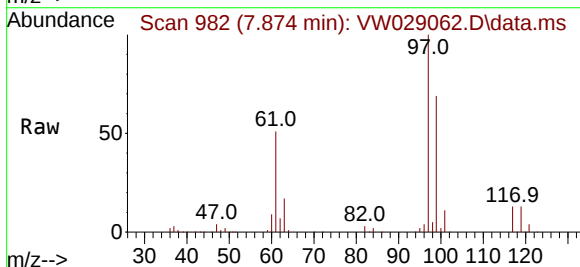
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

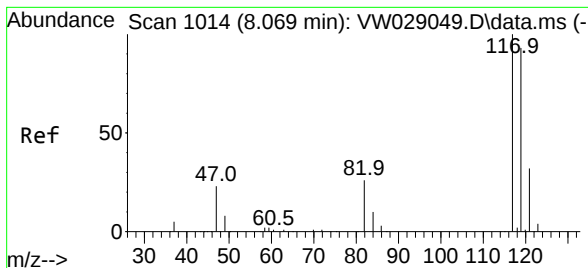
Tgt Ion:	56	Resp:	121500
Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.2	36.4
84	82.9	65.4	98.2



#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

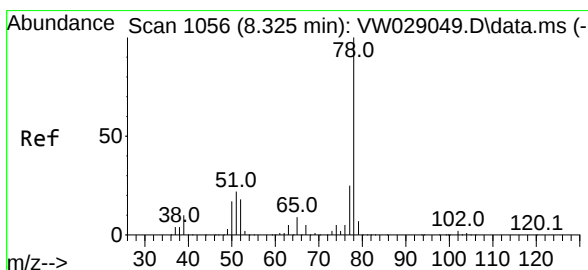
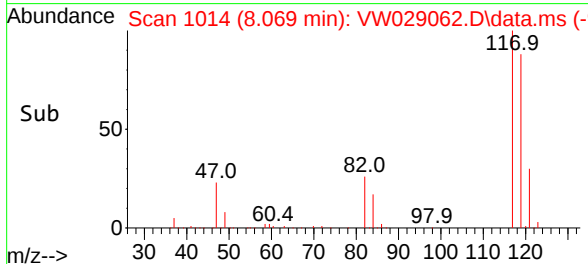
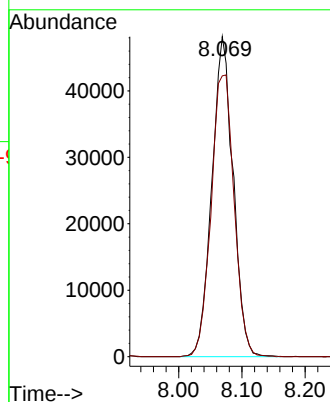
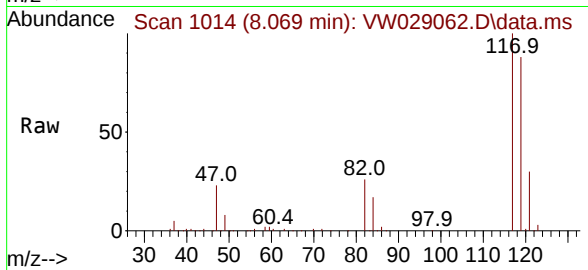




#31
Carbon tetrachloride
Concen: 24.667 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

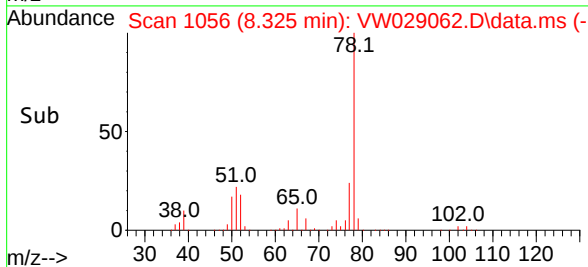
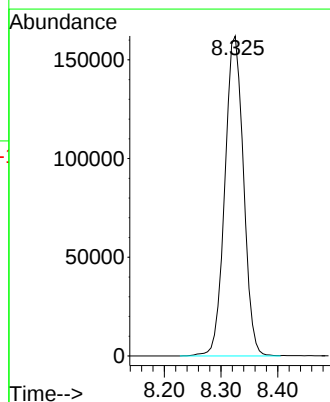
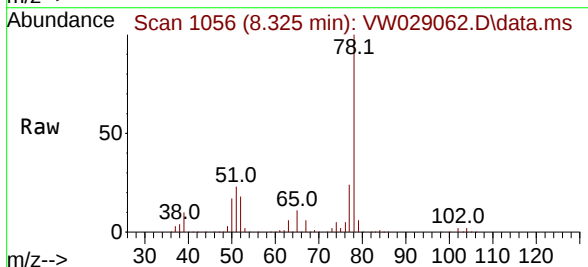
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

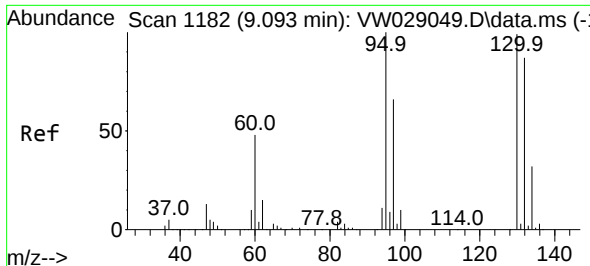
Tgt Ion:117 Resp: 112357
Ion Ratio Lower Upper
117 100
119 95.1 78.8 118.2



#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



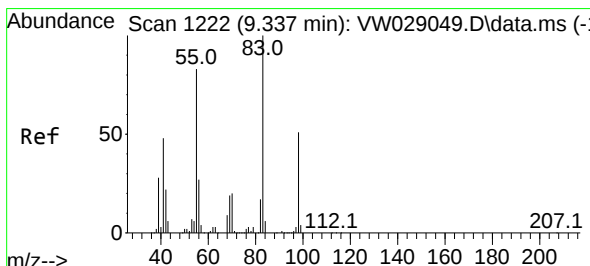
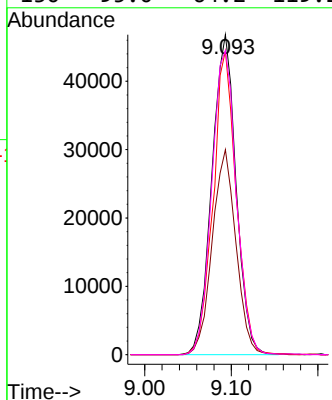
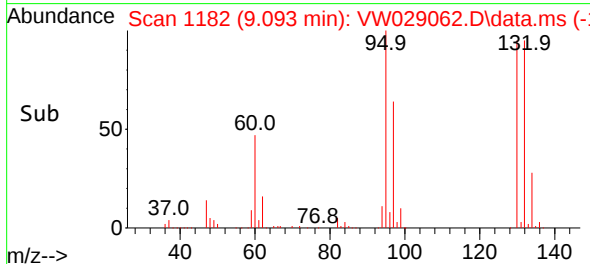
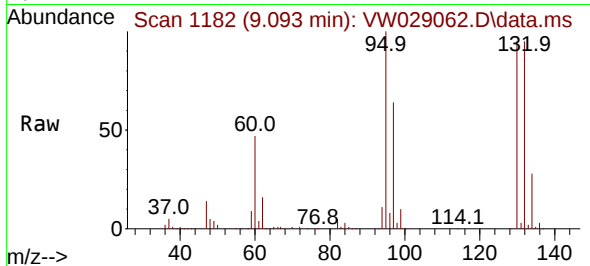


#34
Trichloroethene
Concen: 25.702 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

Tgt Ion: 95 Resp: 90682

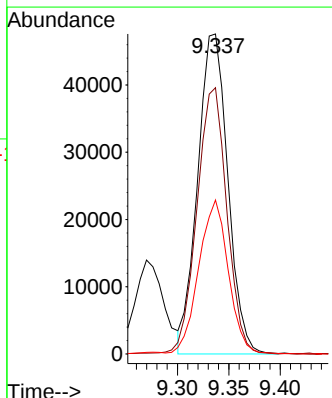
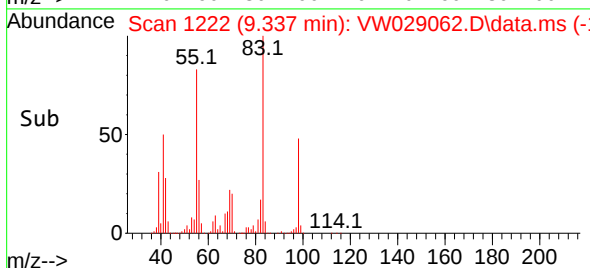
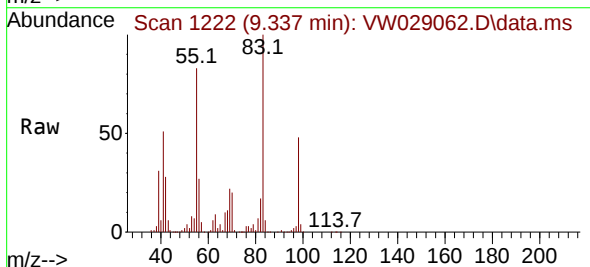
Ion	Ratio	Lower	Upper
95	100		
97	64.0	41.9	77.7
132	94.9	60.1	111.5
130	95.0	64.2	119.2

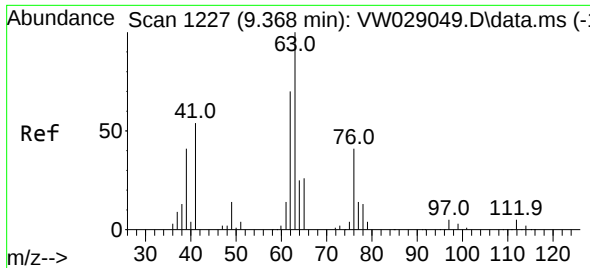


#35
Methylcyclohexane
Concen: 16.268 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

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# 11

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

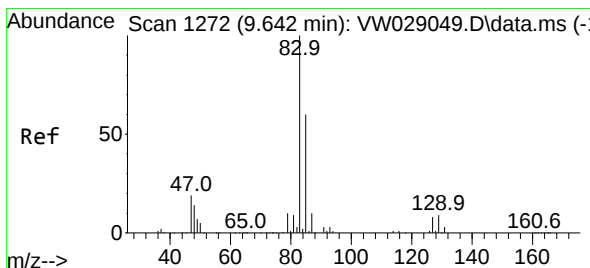
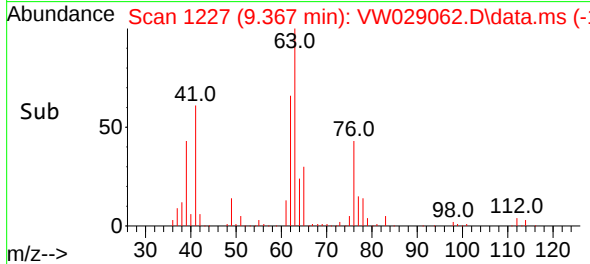
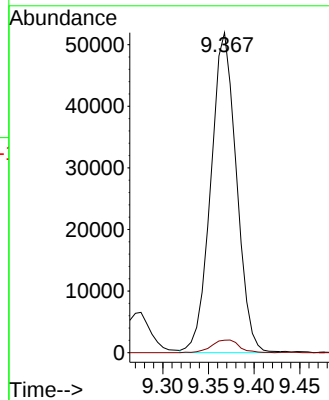
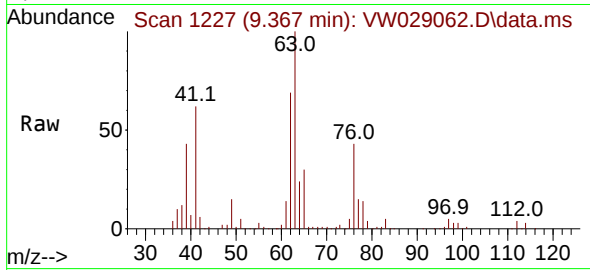
A4B87MSD

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

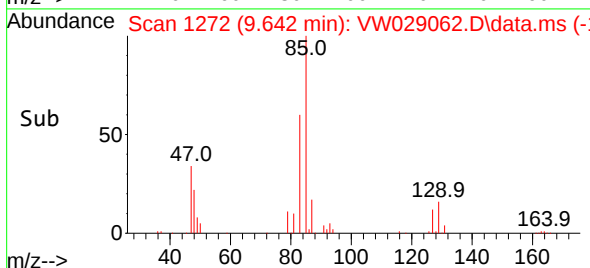
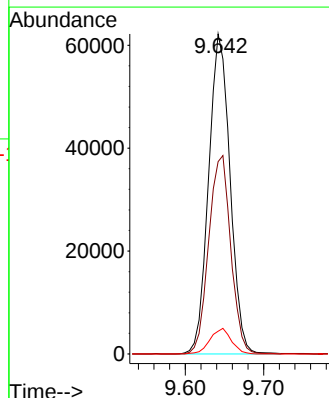
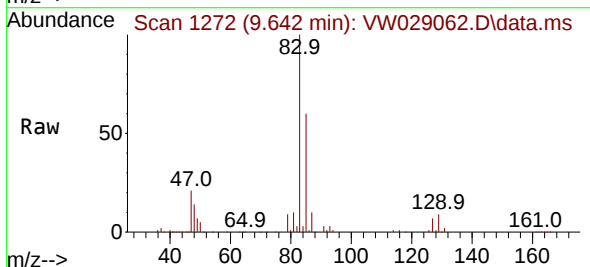
Tgt Ion: 83 Resp: 118361

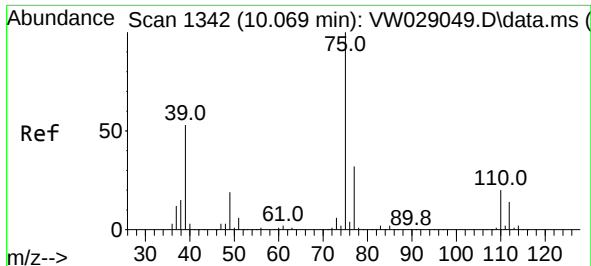
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.000 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

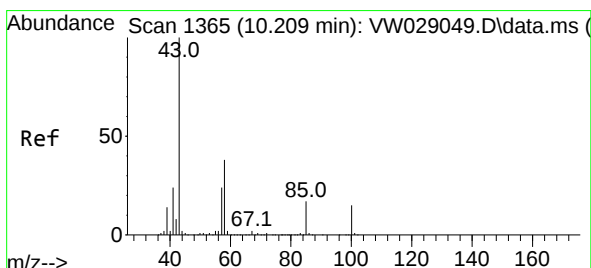
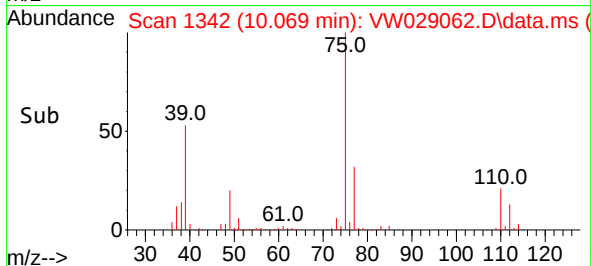
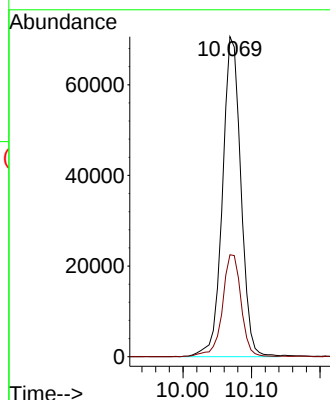
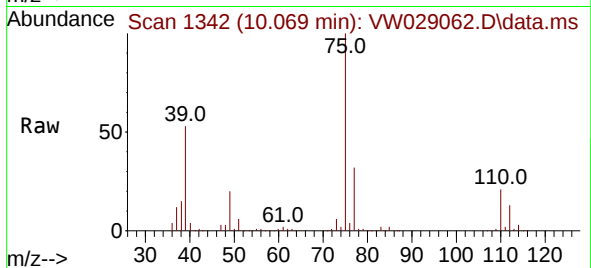
A4B87MSD

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

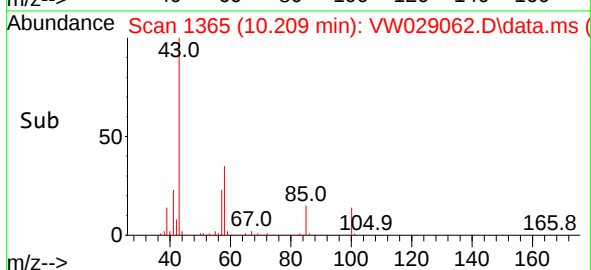
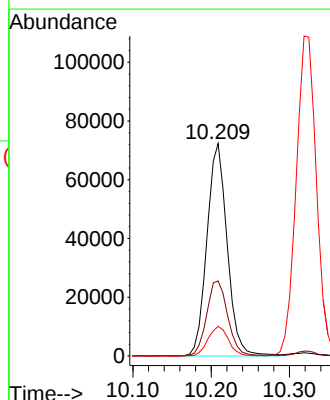
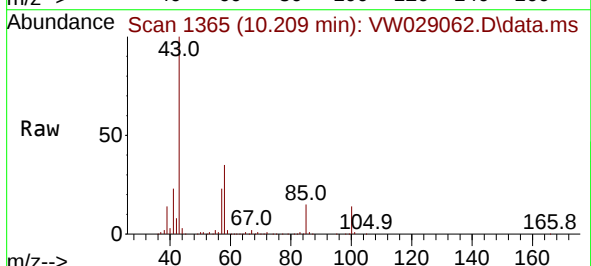
Tgt Ion: 43 Resp: 129882

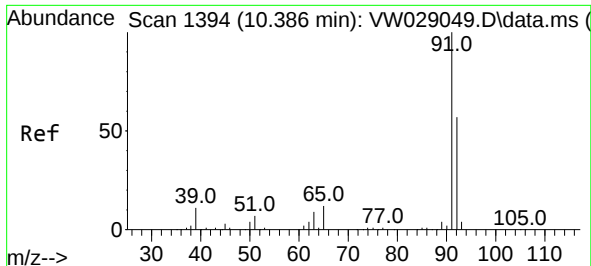
Ion Ratio Lower Upper

43 100

58 37.0 30.3 45.5

100 14.1 10.7 16.1

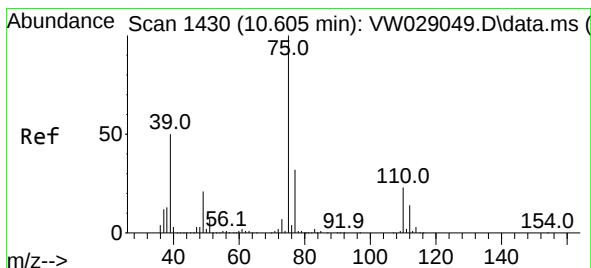
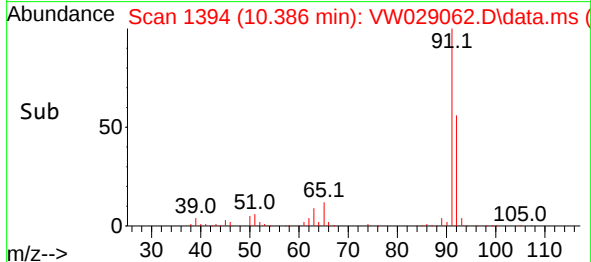
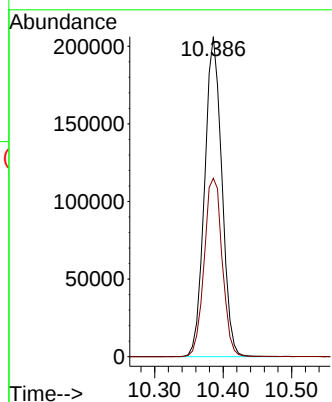
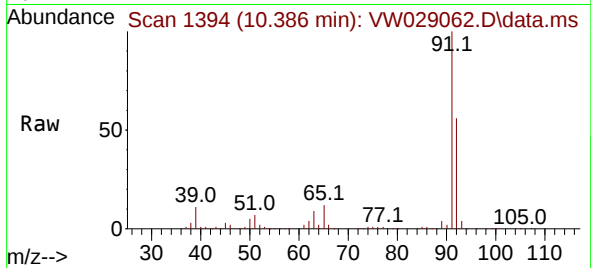




#42
Toluene
Concen: 26.339 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

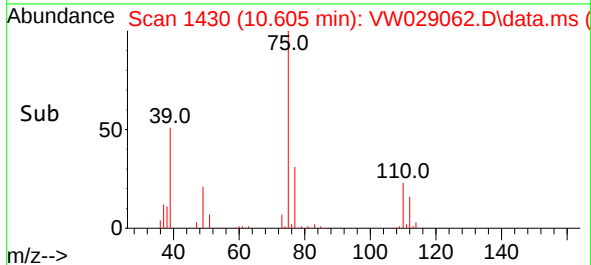
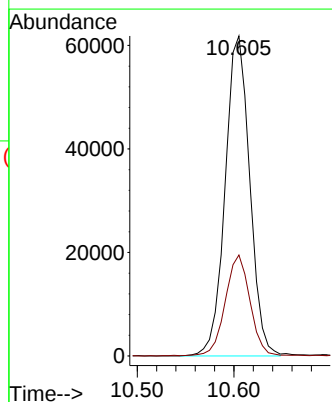
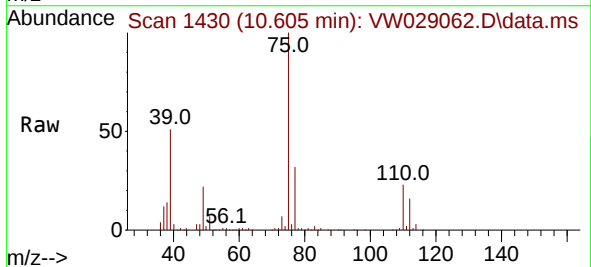
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

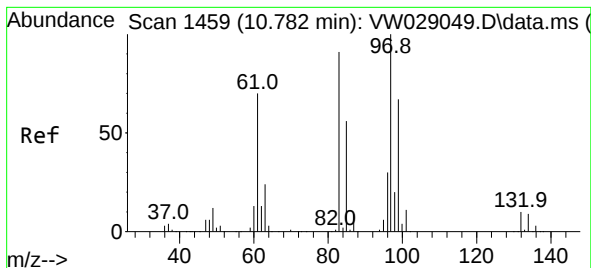
Tgt Ion: 91 Resp: 361099
Ion Ratio Lower Upper
91 100
92 55.8 41.2 76.4



#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 :

A4B87MSD

Tgt Ion: 97 Resp: 71245

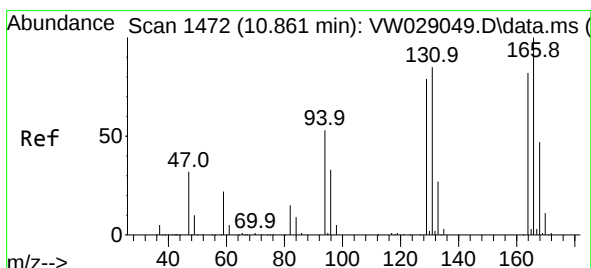
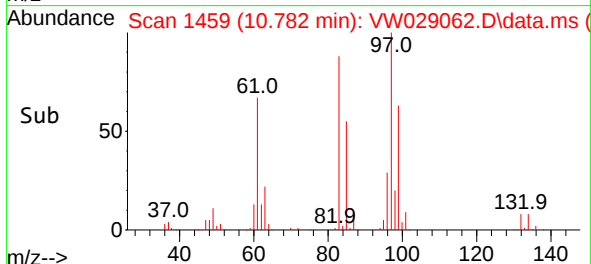
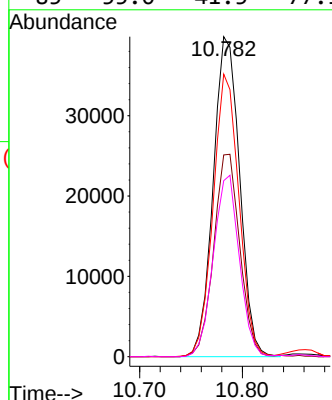
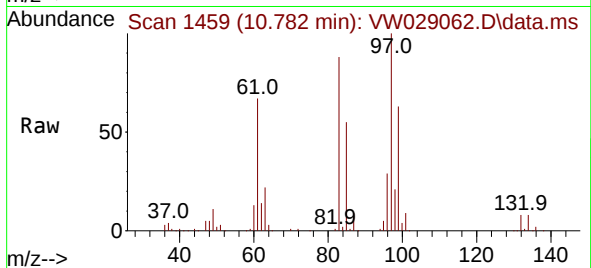
Ion Ratio Lower Upper

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

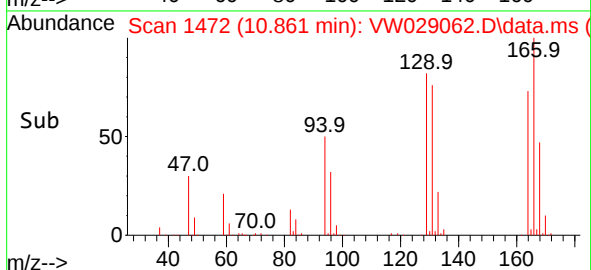
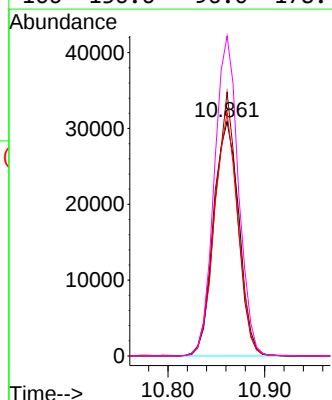
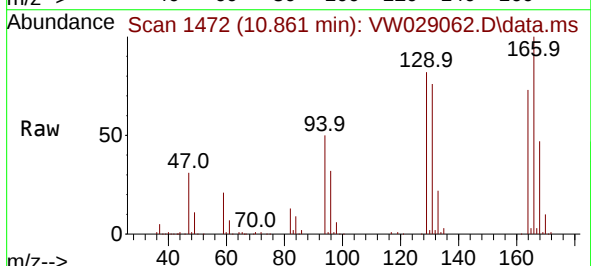
Ion Ratio Lower Upper

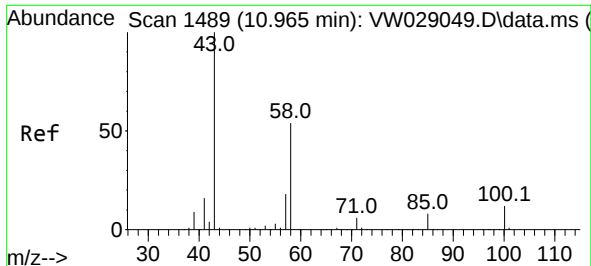
164 100

129 112.5 69.4 128.8

131 103.8 71.0 131.9

166 136.6 96.0 178.4

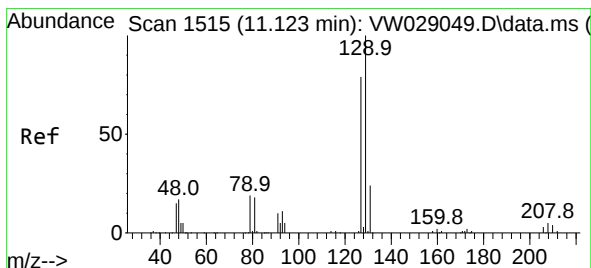
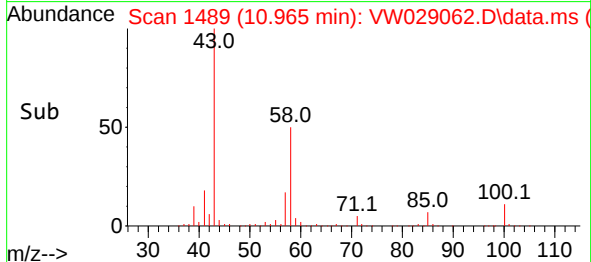
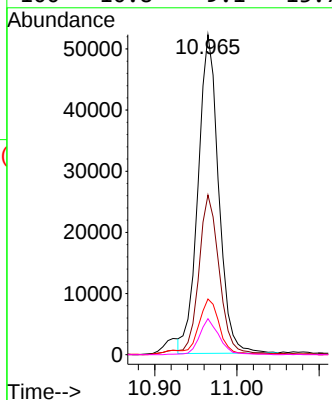
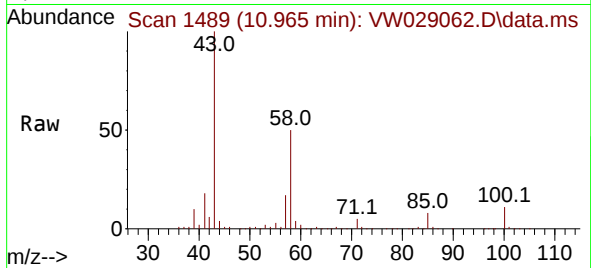




#48
2-Hexanone
Concen: 67.666 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

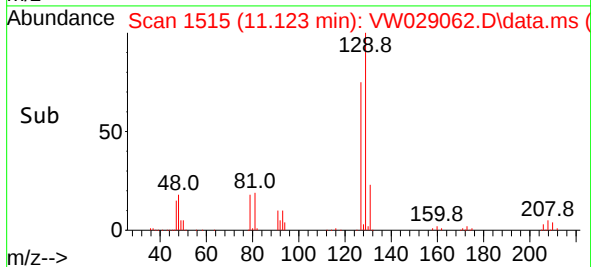
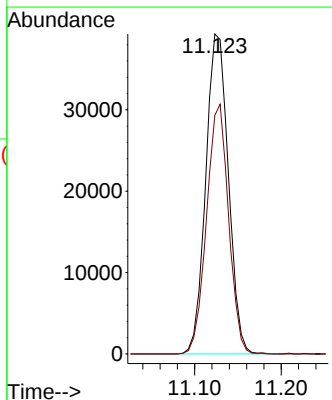
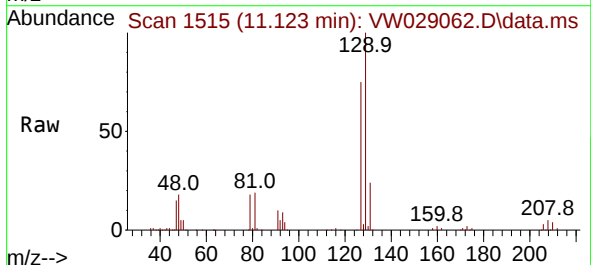
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

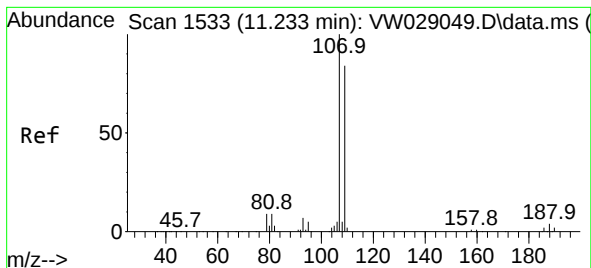
Tgt Ion:	43	Resp:	90687
Ion	Ratio	Lower	Upper
43	100		
58	49.5	41.4	62.0
57	16.9	14.2	21.4
100	10.8	9.1	13.7



#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

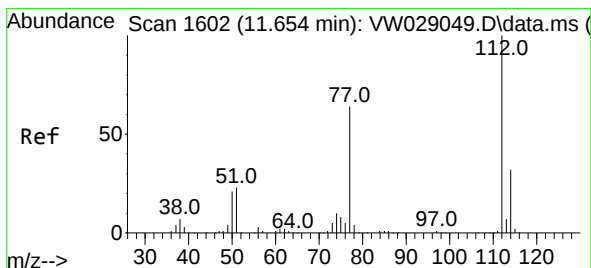
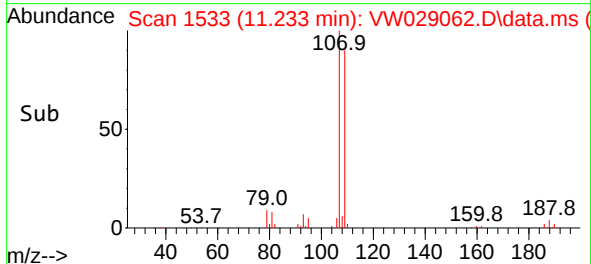
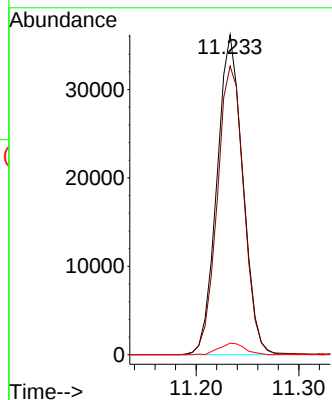
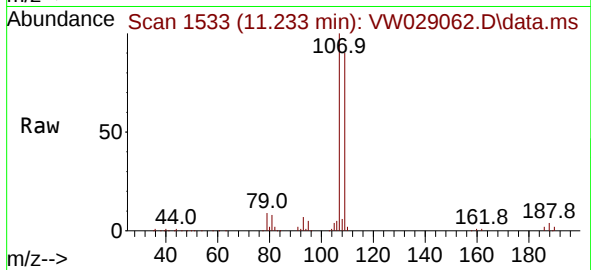




#50
1,2-Dibromoethane
Concen: 29.188 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

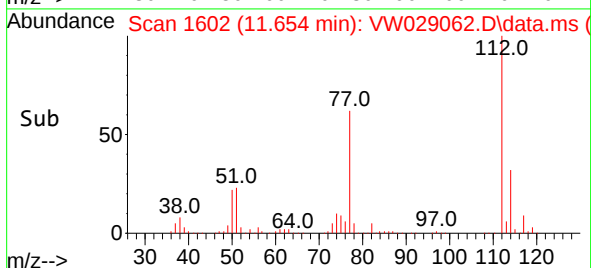
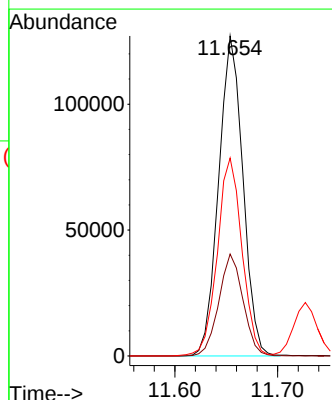
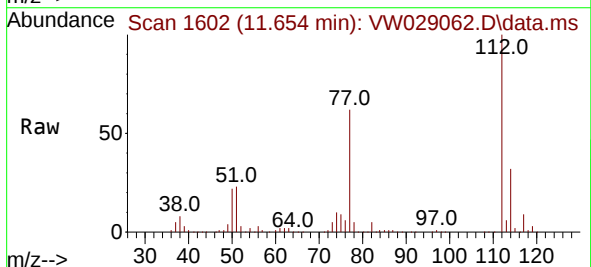
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

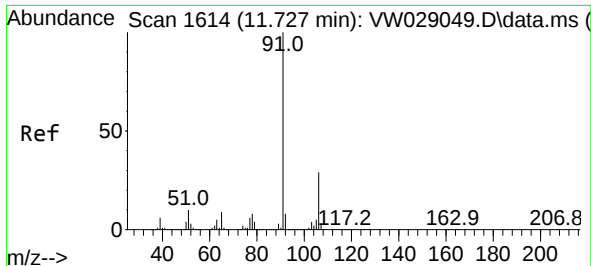
Tgt Ion:	107	Resp:	63241
Ion	Ratio	Lower	Upper
107	100		
109	90.2	67.9	126.1
188	3.6	3.0	4.4



#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

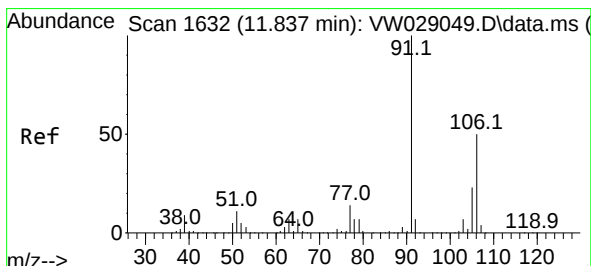
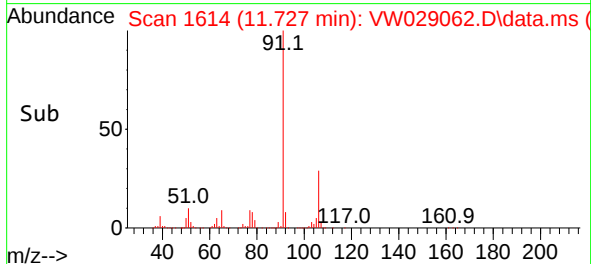
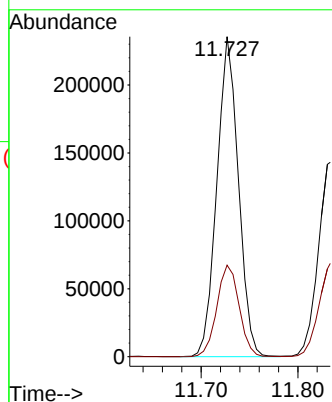
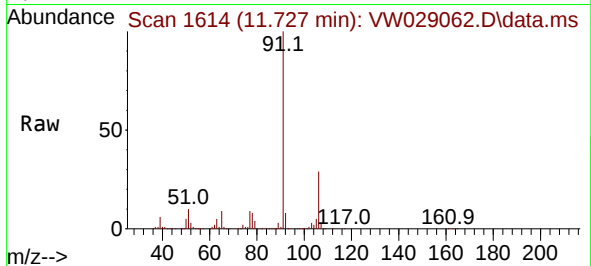




#52
Ethylbenzene
Concen: 23.340 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

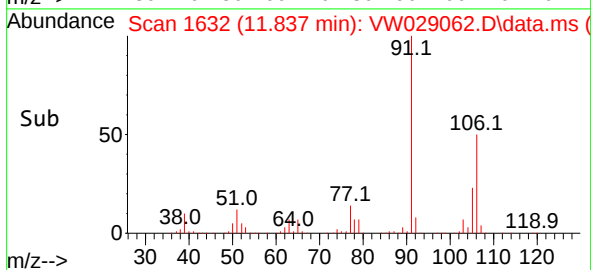
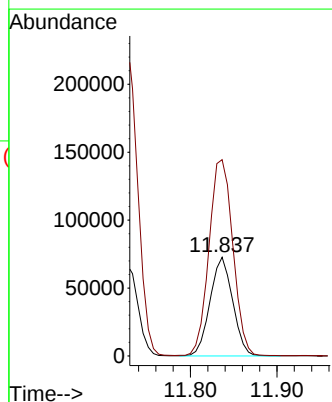
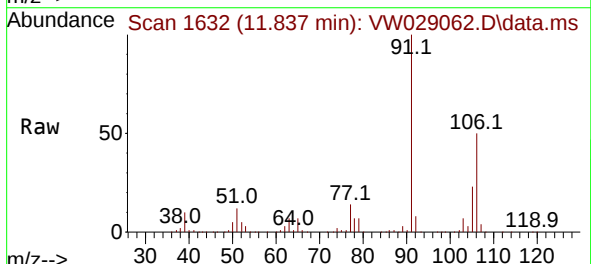
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

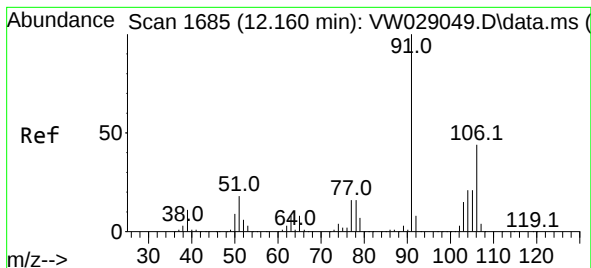
Tgt Ion: 91 Resp: 363558
Ion Ratio Lower Upper
91 100
106 28.6 19.9 37.0



#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 :

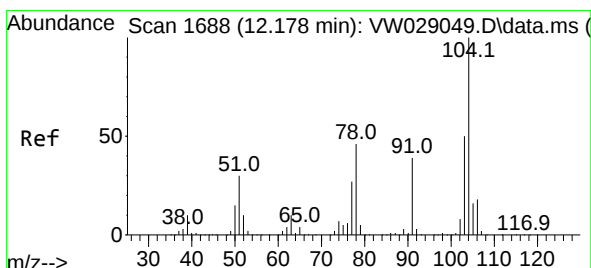
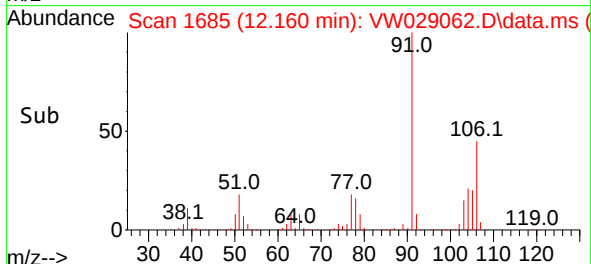
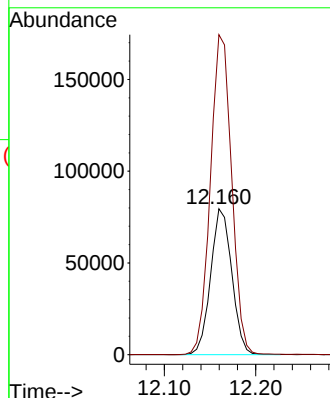
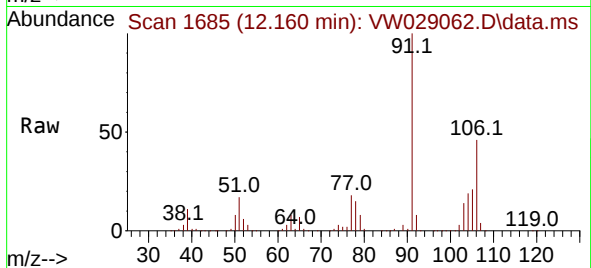
A4B87MSD

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

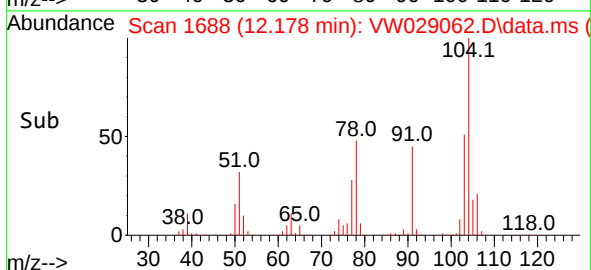
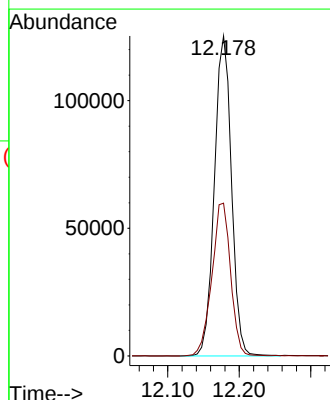
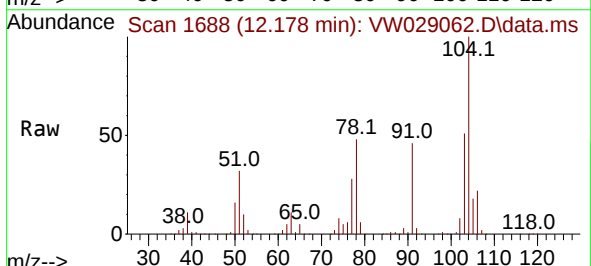
Acq: 07 Jun 2024 15:05

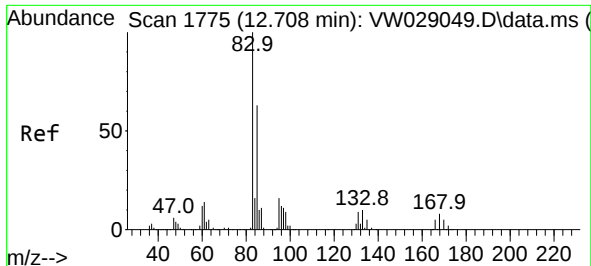
Tgt Ion:104 Resp: 207876

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# 1

Delta R.T. 0.006 min

Lab File: VW029062.D

Acq: 07 Jun 2024 15:05

Instrument :

MSVOA_W

ClientSampleId :

A4B87MSD

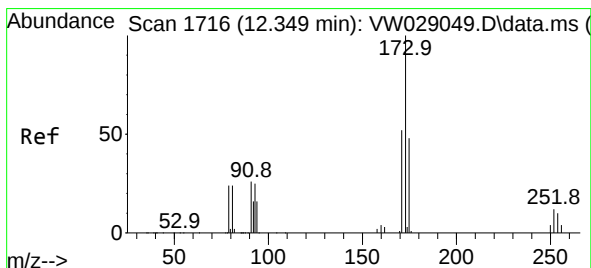
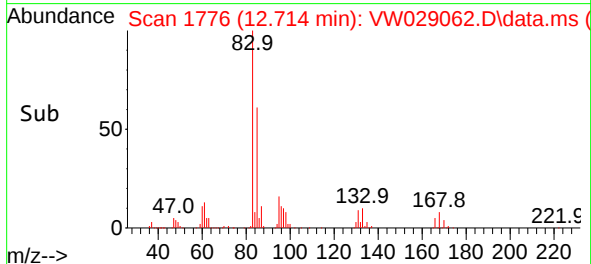
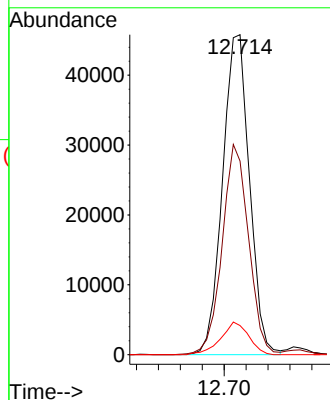
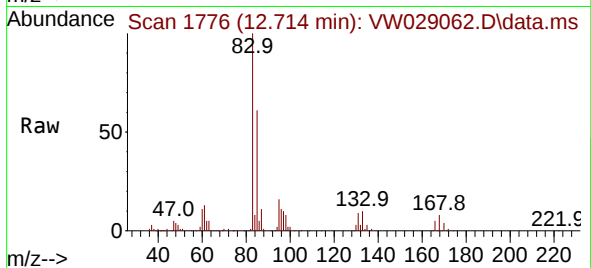
Tgt Ion: 83 Resp: 78059

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

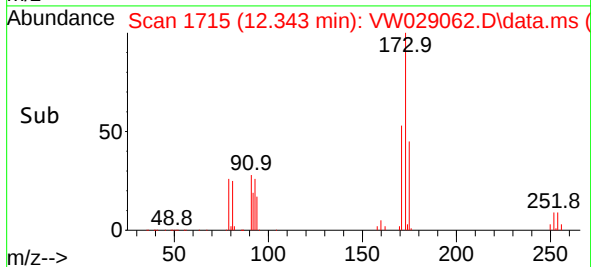
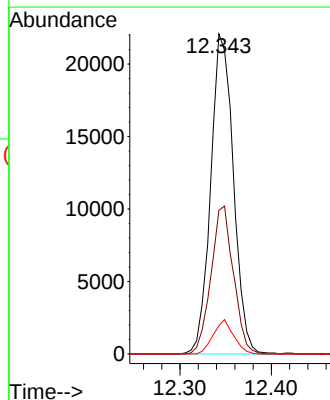
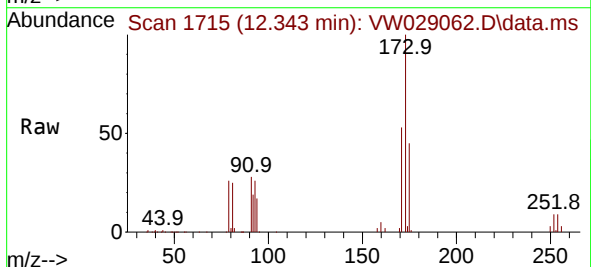
Tgt Ion: 173 Resp: 38096

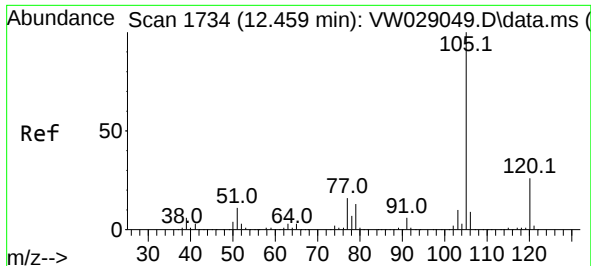
Ion Ratio Lower Upper

173 100

175 45.6 38.1 57.1

254 9.6 8.2 12.2

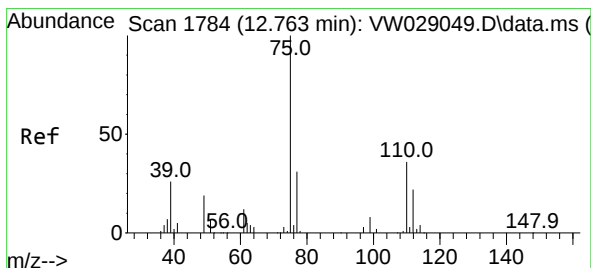
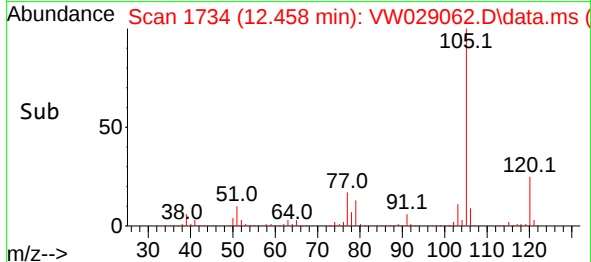
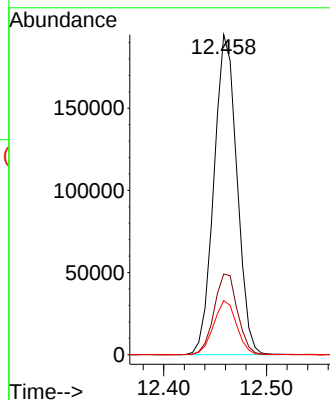
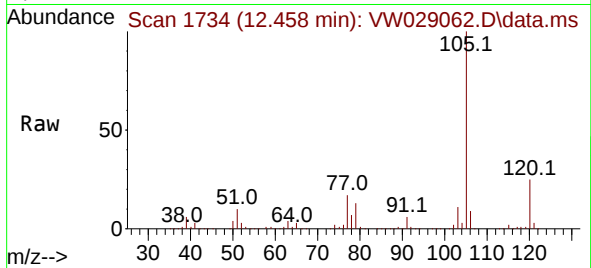




#60
Isopropylbenzene
Concen: 27.885 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

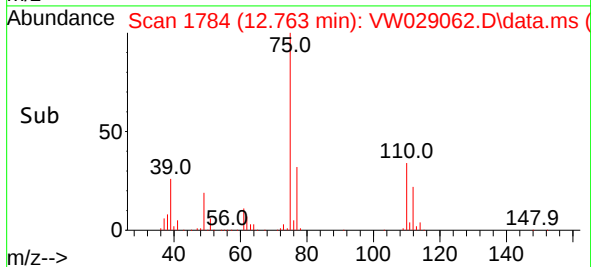
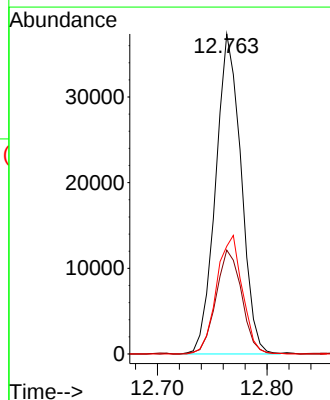
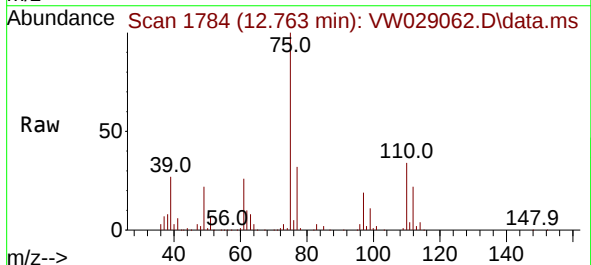
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

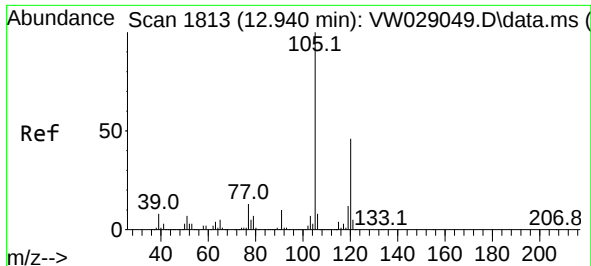
Tgt Ion:105 Resp: 302918
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 16.9 13.5 20.3



#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

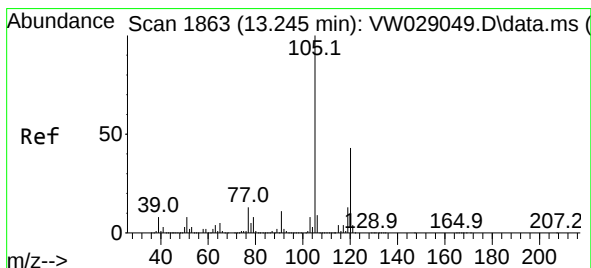
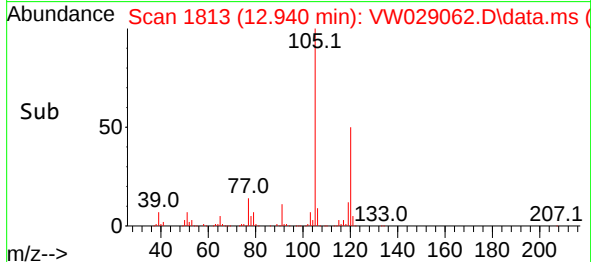
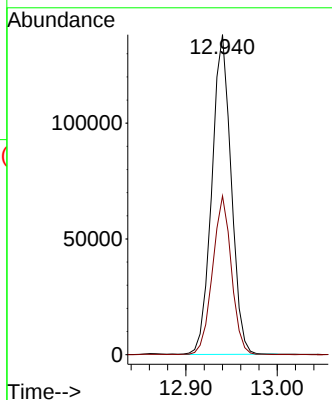
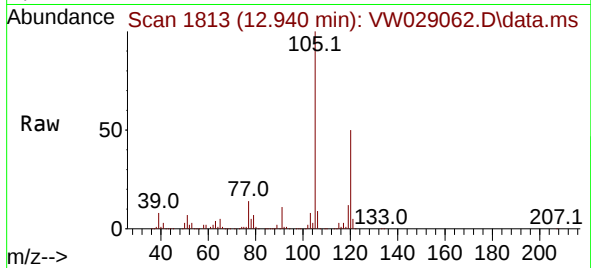




#62
1,3,5-Trimethylbenzene
Concen: 25.669 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

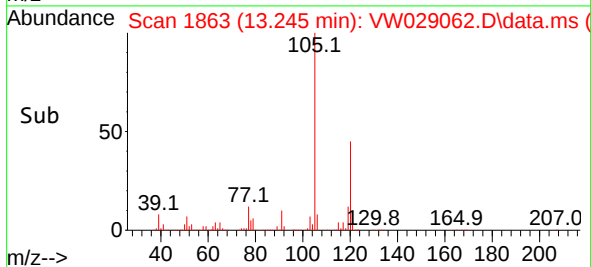
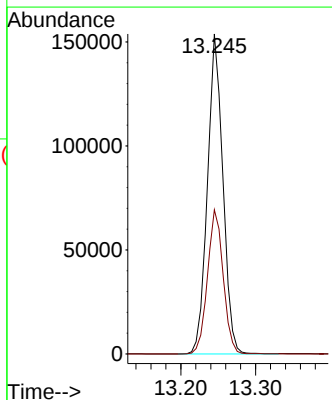
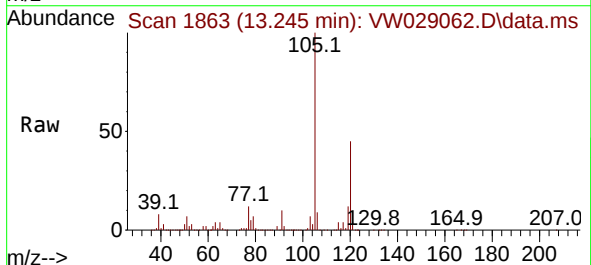
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

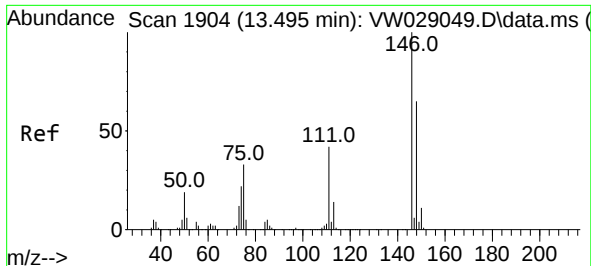
Tgt Ion:105 Resp: 202811
Ion Ratio Lower Upper
105 100
120 48.4 38.4 57.6



#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

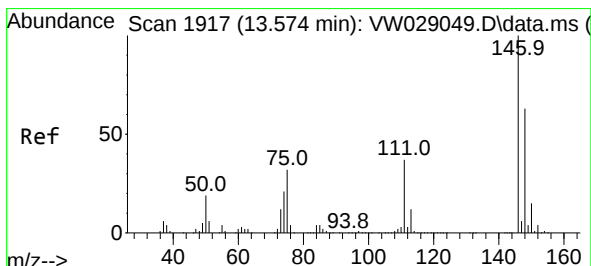
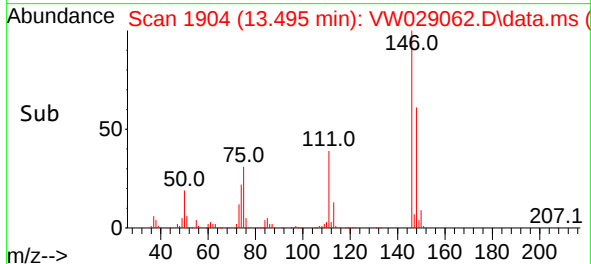
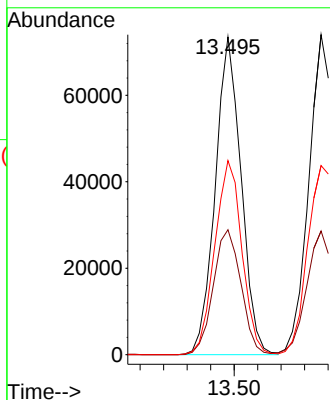
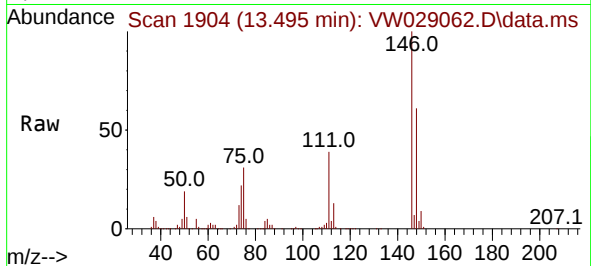




#64
1,3-Dichlorobenzene
Concen: 24.128 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

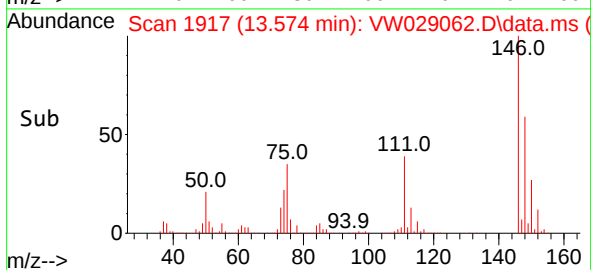
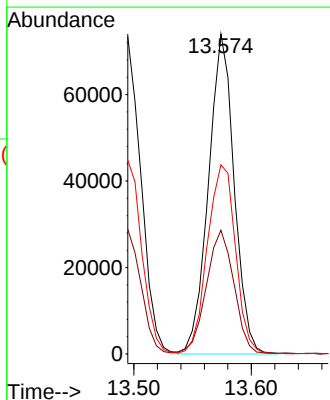
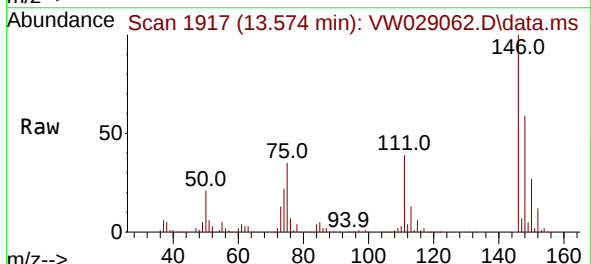
Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

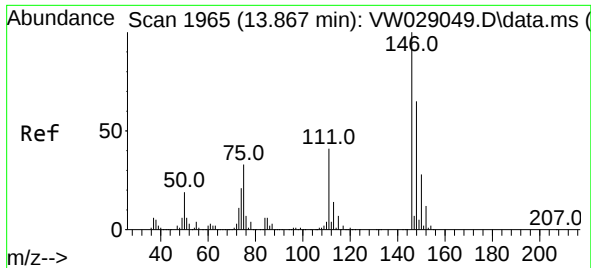
Tgt Ion:146 Resp: 112636
Ion Ratio Lower Upper
146 100
111 39.3 29.4 54.6
148 61.1 42.5 78.9



#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 :

A4B87MSD

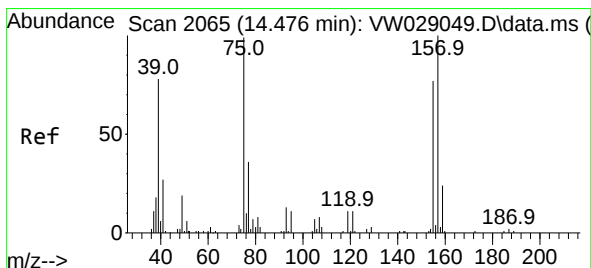
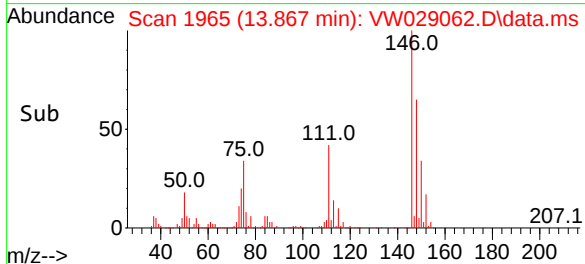
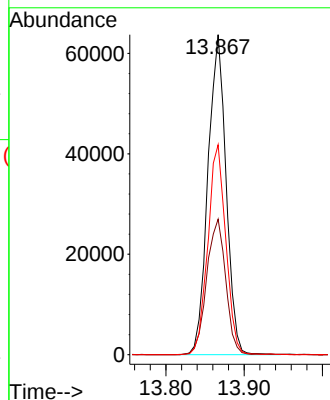
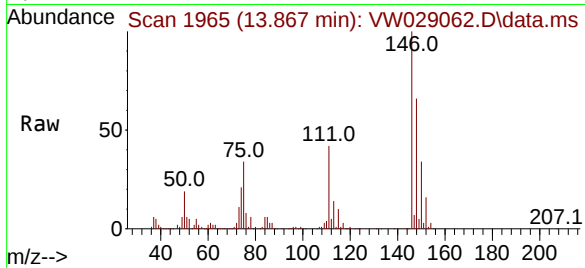
Tgt Ion:146 Resp: 102266

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

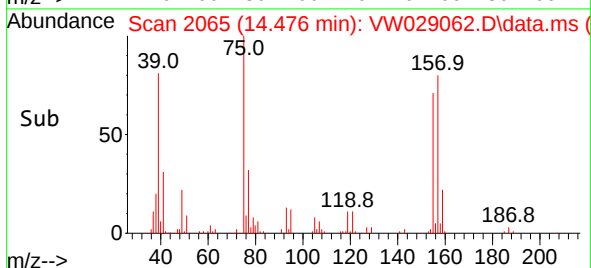
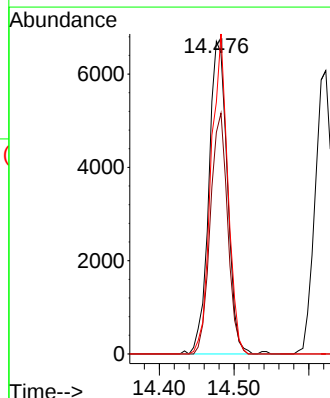
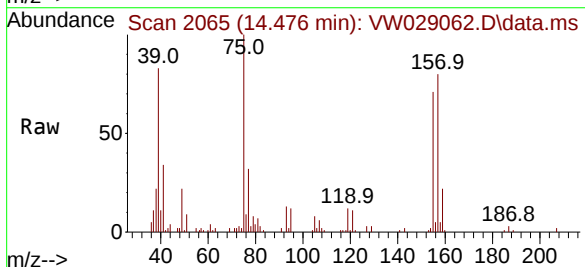
Tgt Ion: 75 Resp: 11570

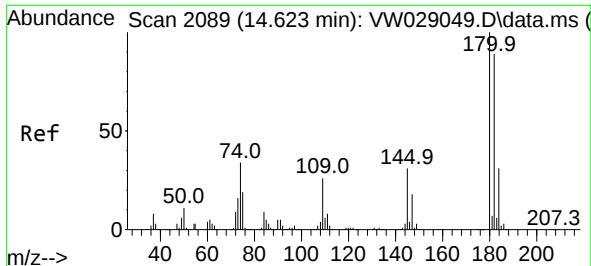
Ion Ratio Lower Upper

75 100

155 70.9 52.3 78.5

157 80.5 71.0 106.4

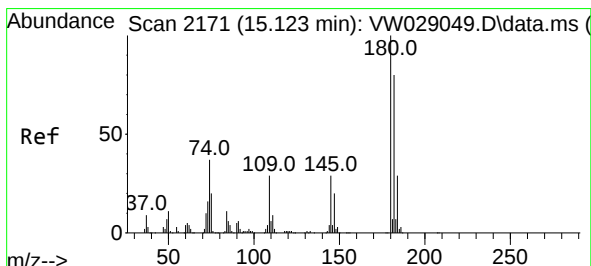
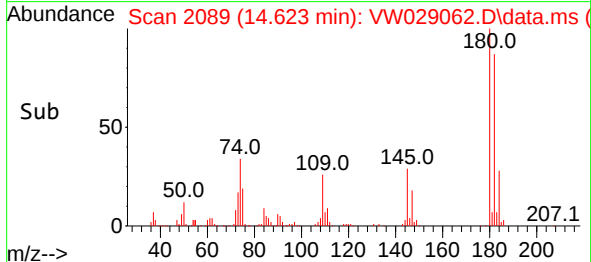
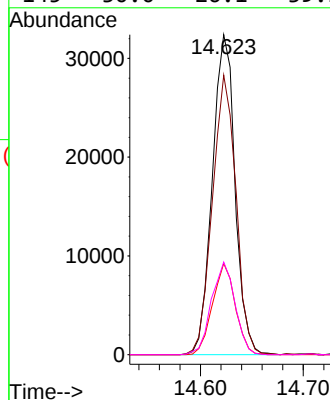
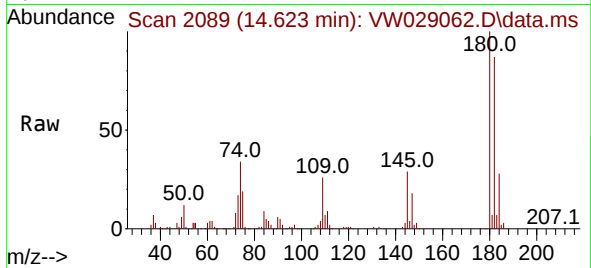




#69
 1,3,5-Trichlorobenzene
 Concen: 15.497 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW029062.D
 Acq: 07 Jun 2024 15:05

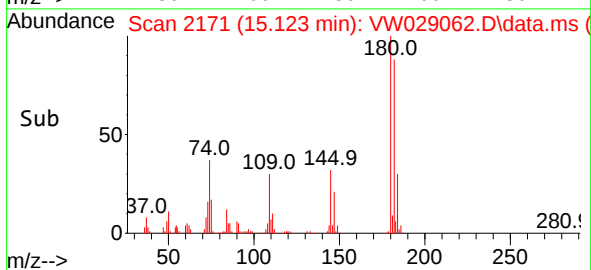
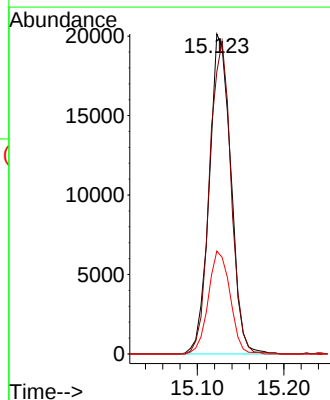
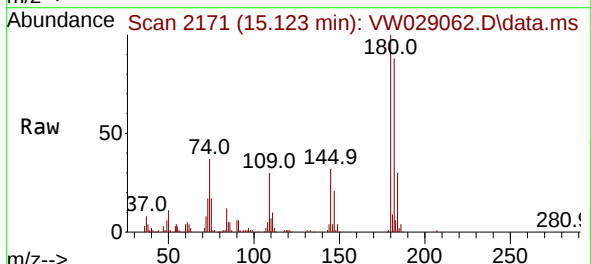
Instrument :
 MSVOA_W
 ClientSampleId :
 A4B87MSD

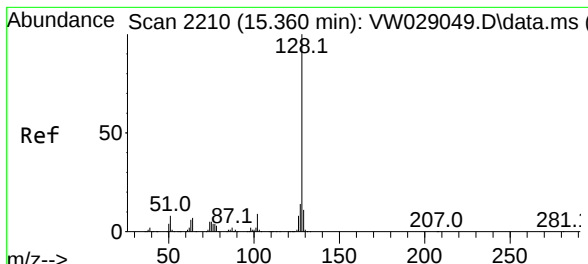
Tgt Ion:	180	Resp:	49671
Ion Ratio	Lower	Upper	
180	100		
182	90.5	77.4	116.0
184	28.5	24.6	36.8
145	30.0	26.1	39.1



#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

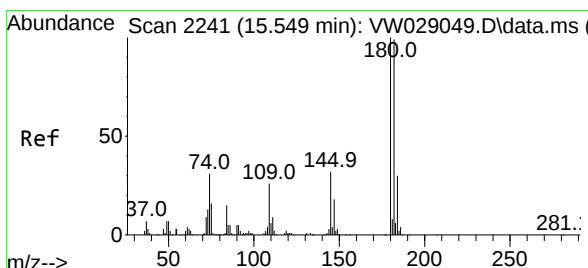
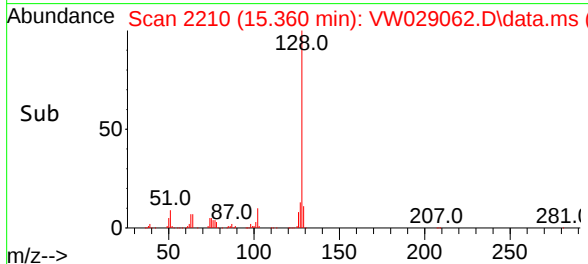
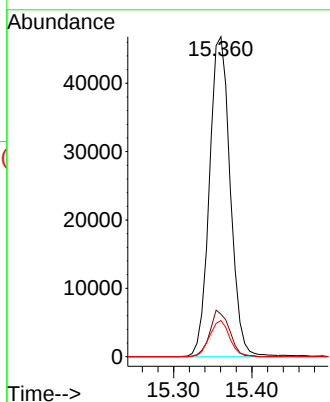
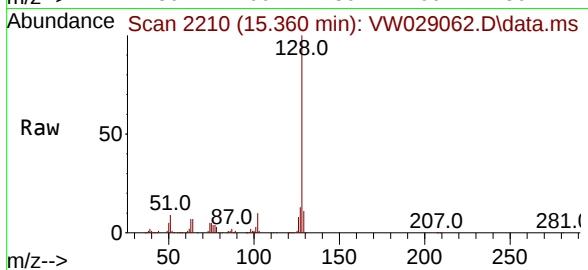




#71
Naphthalene
Concen: 19.497 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW029062.D
Acq: 07 Jun 2024 15:05

Instrument :
MSVOA_W
ClientSampleId :
A4B87MSD

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

