

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029032.D
 Acq On : 06 Jun 2024 12:42
 Operator : SY/MD
 Sample : P2696-09MS
 Misc : 5.35g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BN7MS

Quant Time: Jun 07 00:24:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	452627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	297170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	76794	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	180689	25.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.520%
7) Chloroethane-d5	2.899	69	145856	26.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.680%
11) 1,1-Dichloroethene-d2	4.021	65	76564	24.226	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.920%
21) 2-Butanone-d5	7.075	46	69742	47.471	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.940%
24) Chloroform-d	7.648	84	326642	25.296	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	8.306	65	176625	25.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.920%
32) Benzene-d6	8.276	84	633150	34.713	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.840%#
36) 1,2-Dichloropropane-d6	9.270	67	192915	34.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.520%#
41) Toluene-d8	10.318	98	490379	30.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.520%
43) trans-1,3-Dichloroprop...	10.574	79	54934	25.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.400%
47) 2-Hexanone-d5	10.922	63	47853	65.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103410	26.917	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	61804	22.680	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	91602	17.723	ug/L	96
3) Chloromethane	2.222	50	129903	20.572	ug/L	99
5) Vinyl chloride	2.375	62	152251	19.919	ug/L	100
6) Bromomethane	2.789	94	76289	16.658	ug/L	95
8) Chloroethane	2.935	64	97308	21.081	ug/L	96
9) Trichlorofluoromethane	3.265	101	125686	19.782	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	102779	16.394	ug/L	97
12) 1,1-Dichloroethene	4.045	96	117642	20.562	ug/L	98
13) Acetone	4.118	43	42865	27.842	ug/L	97
14) Carbon disulfide	4.386	76	317231	16.377	ug/L	99
15) Methyl Acetate	4.673	43	40684	15.910	ug/L	100
16) Methylene chloride	4.917	84	136906	20.153	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	127506	20.440	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	204917	23.557	ug/L	99
19) 1,1-Dichloroethane	6.215	63	262217	21.381	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	136140	20.818	ug/L	98
22) 2-Butanone	7.166	43	78926	42.543	ug/L	97
23) Bromochloromethane	7.514	128	59846	20.964	ug/L	96
25) Chloroform	7.678	83	244594	20.534	ug/L	99

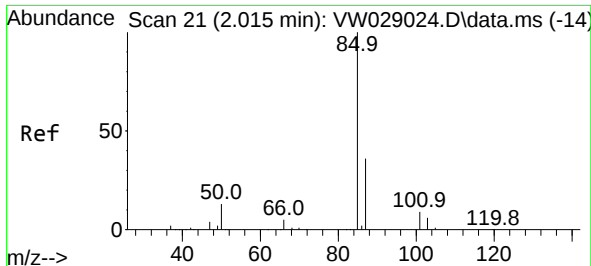
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	168685	21.132	ug/L	99
29) Cyclohexane	7.959	56	140675	19.039	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	186110	27.030	ug/L	99
31) Carbon tetrachloride	8.075	117	151895	24.219	ug/L	99
33) Benzene	8.325	78	527425	28.543	ug/L	100
34) Trichloroethene	9.093	95	119821	24.665	ug/L	90
35) Methylcyclohexane	9.337	83	105017	12.743	ug/L	98
37) 1,2-Dichloropropane	9.367	63	138369	28.596	ug/L	100
38) Bromodichloromethane	9.642	83	153373	25.989	ug/L #	96
39) cis-1,3-Dichloropropene	10.074	75	147586	20.987	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	171513	69.686	ug/L	99
42) Toluene	10.385	91	468561	24.822	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	121300	21.396	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	88884	27.198	ug/L	96
46) Tetrachloroethene	10.855	164	67111	18.183	ug/L	89
48) 2-Hexanone	10.964	43	124534	67.487	ug/L #	94
49) Dibromochloromethane	11.129	129	82174	23.807	ug/L	96
50) 1,2-Dibromoethane	11.233	107	74762	25.061	ug/L	99
51) Chlorobenzene	11.653	112	237643	19.598	ug/L	96
52) Ethylbenzene	11.727	91	422700	19.709	ug/L	97
53) m,p-Xylene	11.836	106	151324	19.049	ug/L	94
54) o-Xylene	12.165	106	140778	19.139	ug/L	95
55) Styrene	12.178	104	217786	17.173	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	80914	21.933	ug/L	98
59) Bromoform	12.348	173	38705	39.196	ug/L	98
60) Isopropylbenzene	12.458	105	310155	28.538	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66698	46.045	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	188397	23.834	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	197053	23.588	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	90640	19.407	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	95078	19.491	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	78752	18.813	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10344	33.503	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	30221	9.424	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	19776	7.609	ug/L	97
71) Naphthalene	15.360	128	43108	9.735	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	13426	6.046	ug/L	96

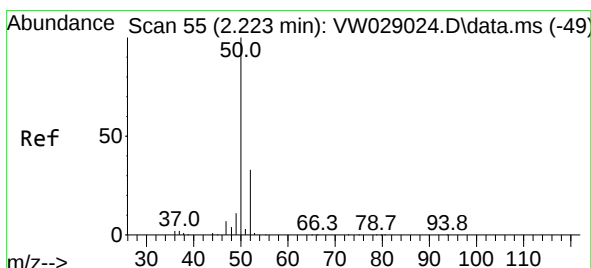
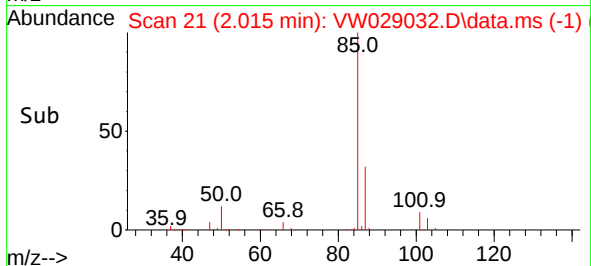
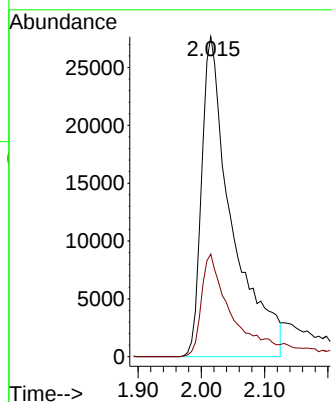
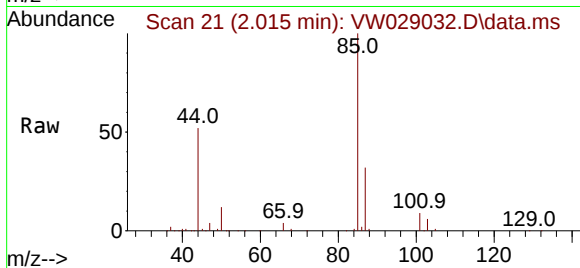
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#2
Dichlorodifluoromethane
Concen: 17.723 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

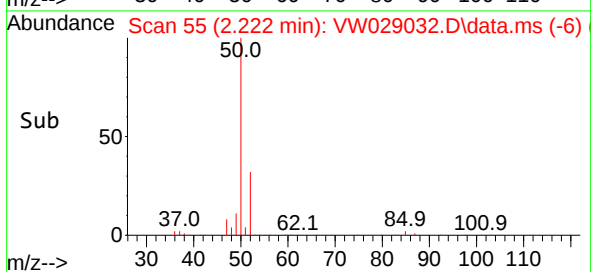
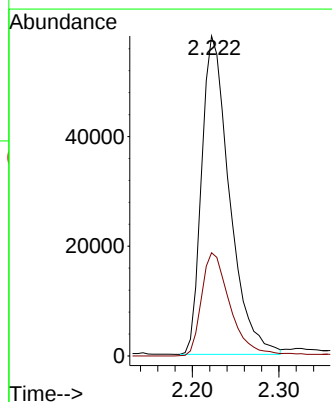
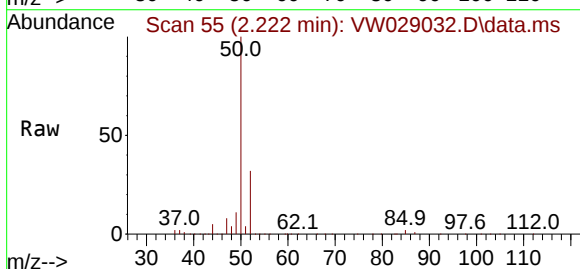
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

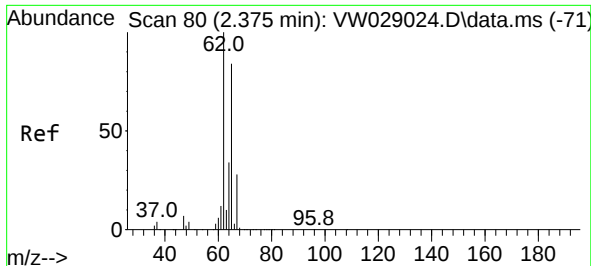
Tgt Ion: 85 Resp: 91602
Ion Ratio Lower Upper
85 100
87 29.6 25.3 37.9



#3
Chloromethane
Concen: 20.572 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 50 Resp: 129903
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1

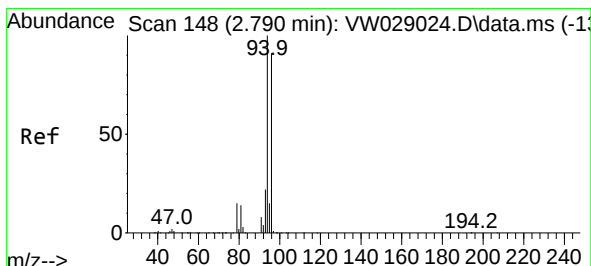
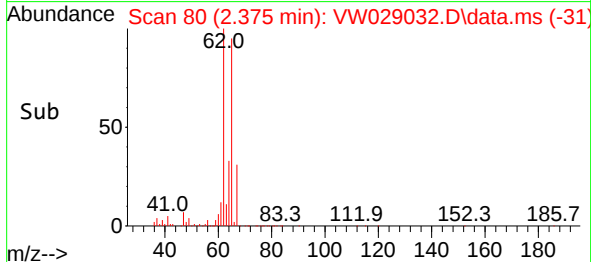
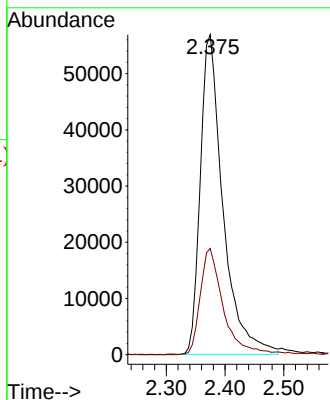
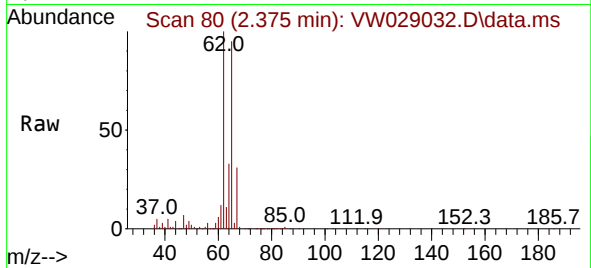




#5
 Vinyl chloride
 Concen: 19.919 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029032.D
 Acq: 06 Jun 2024 12:42

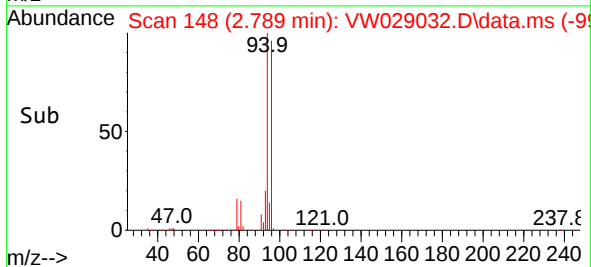
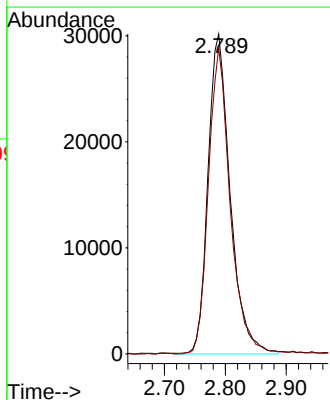
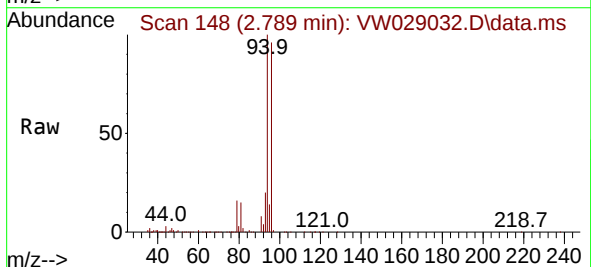
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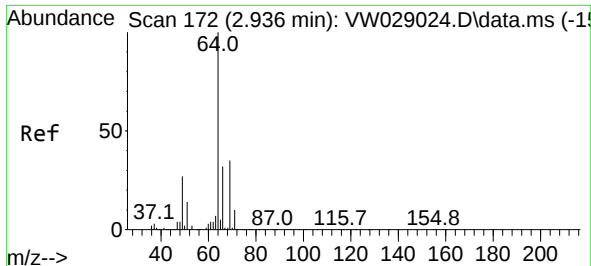
Tgt Ion: 62 Resp: 152251
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 16.658 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029032.D
 Acq: 06 Jun 2024 12:42

Tgt Ion: 94 Resp: 76289
 Ion Ratio Lower Upper
 94 100
 96 95.6 63.7 118.3

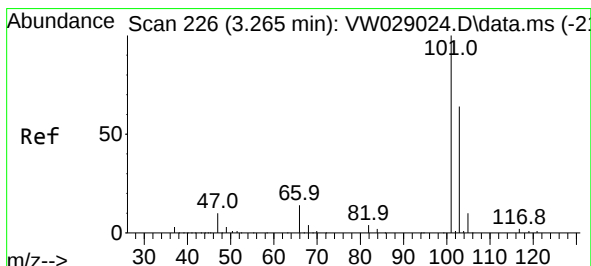
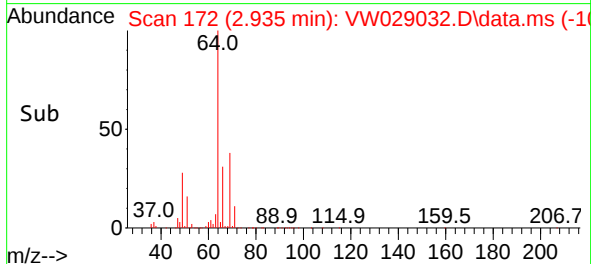
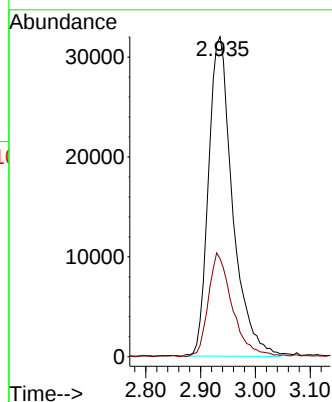
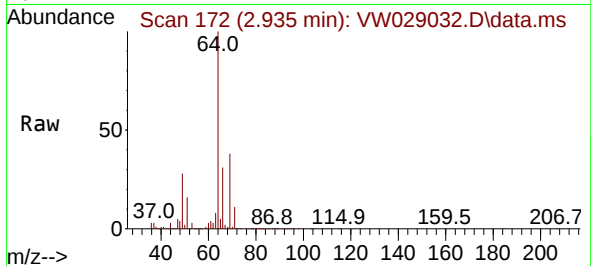




#8
Chloroethane
Concen: 21.081 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

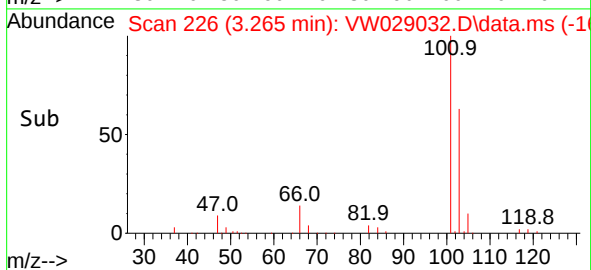
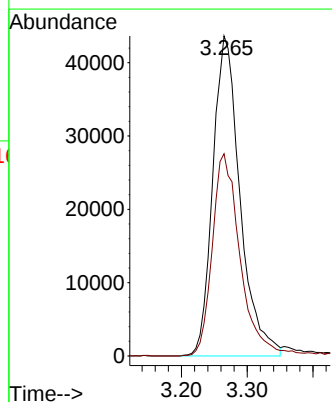
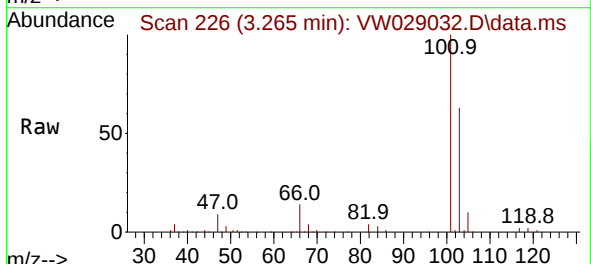
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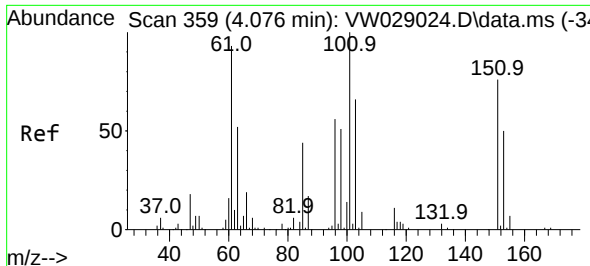
Tgt Ion: 64 Resp: 97308
Ion Ratio Lower Upper
64 100
66 30.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 19.782 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion:101 Resp: 125686
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

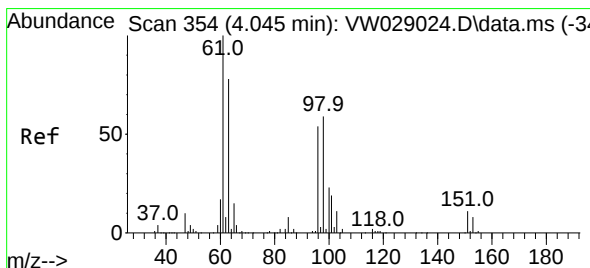
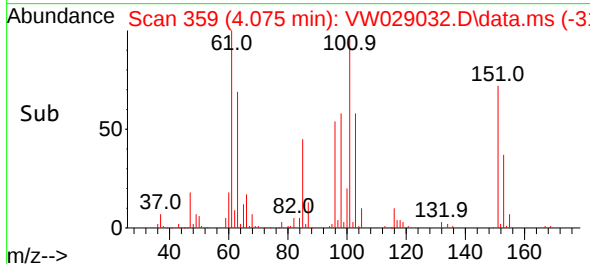
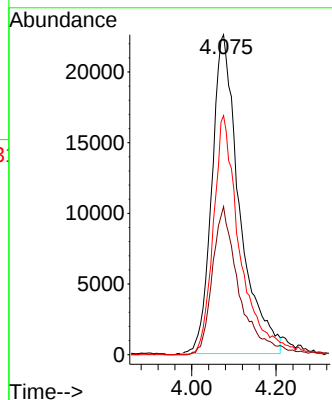
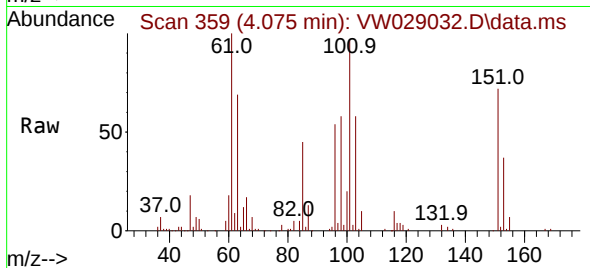




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.394 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW029032.D
 Acq: 06 Jun 2024 12:42

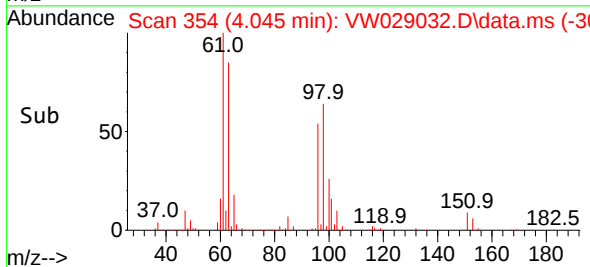
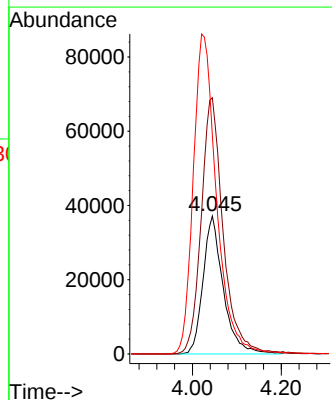
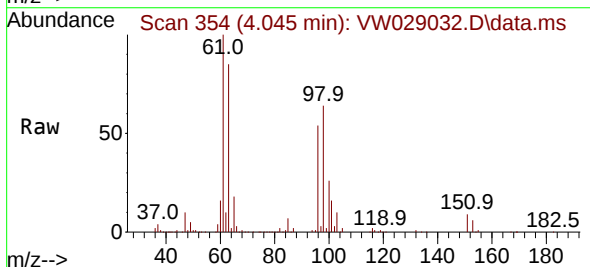
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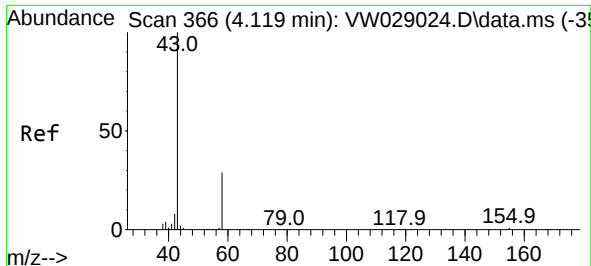
Tgt Ion:101 Resp: 102779
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.8 53.8
 151 69.0 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 20.562 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029032.D
 Acq: 06 Jun 2024 12:42

Tgt Ion: 96 Resp: 117642
 Ion Ratio Lower Upper
 96 100
 61 185.8 132.2 245.4
 63 158.4 108.4 201.2





#13

Acetone

Concen: 27.842 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

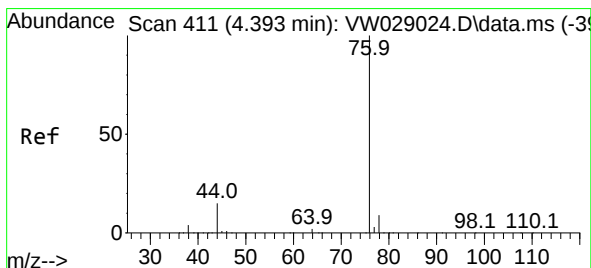
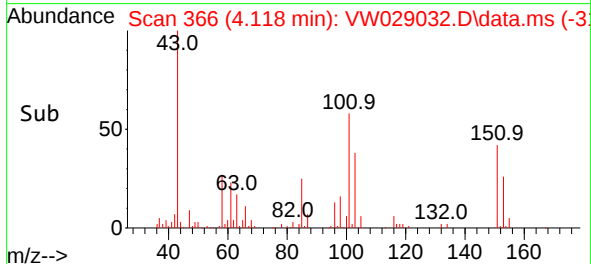
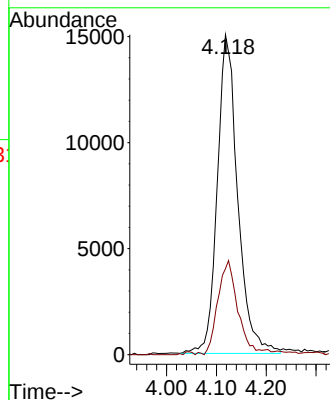
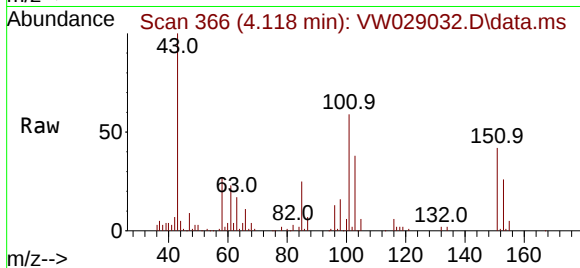
A4BN7MS

Tgt Ion: 43 Resp: 42865

Ion Ratio Lower Upper

43 100

58 28.1 0.0 59.4



#14

Carbon disulfide

Concen: 16.377 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.007 min

Lab File: VW029032.D

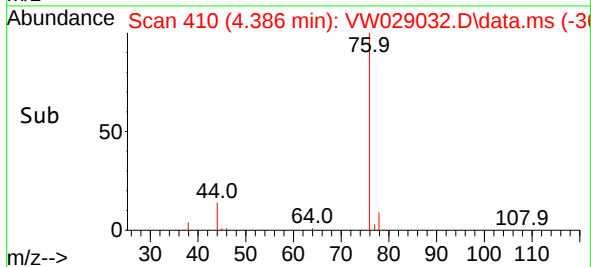
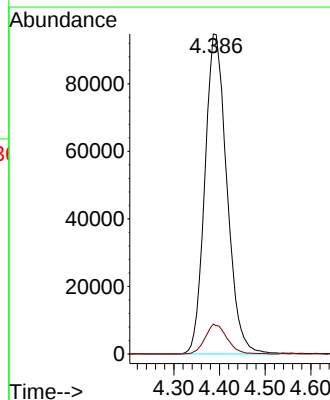
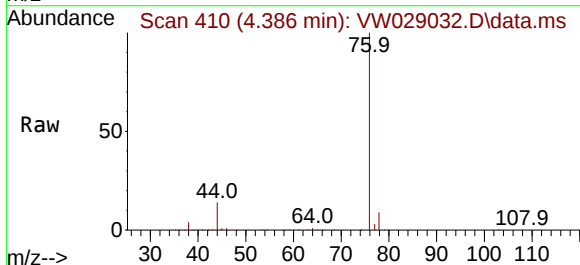
Acq: 06 Jun 2024 12:42

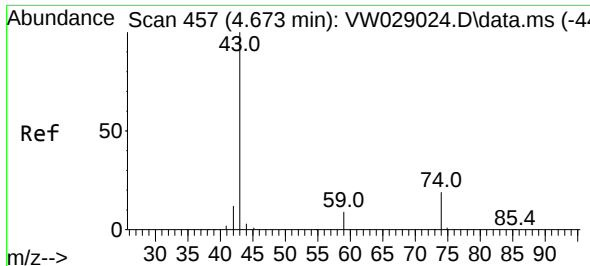
Tgt Ion: 76 Resp: 317231

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

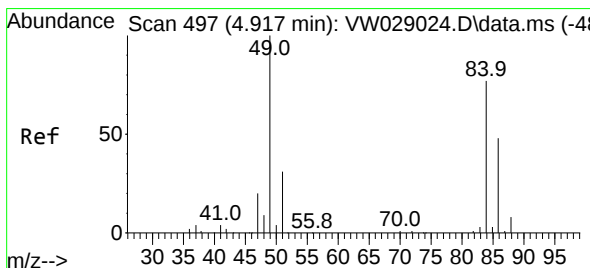
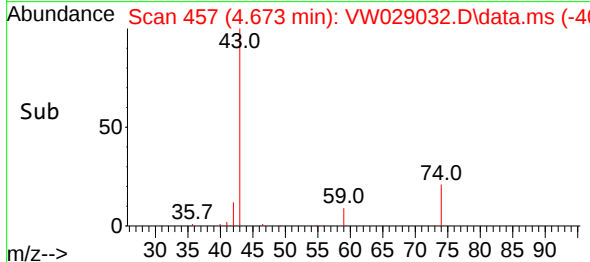
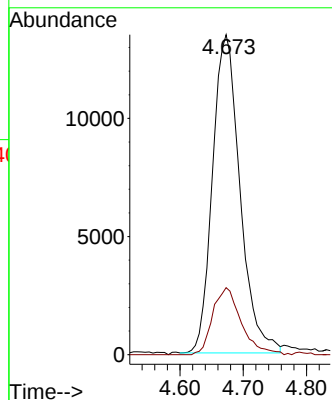
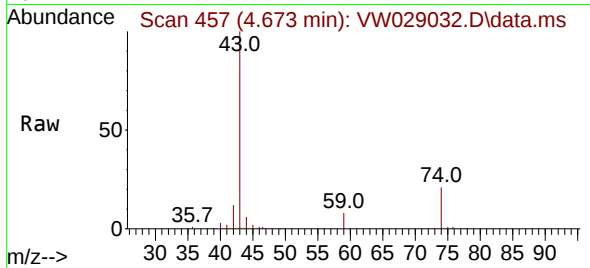




#15
Methyl Acetate
Concen: 15.910 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

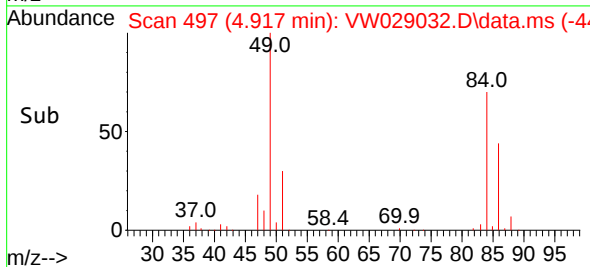
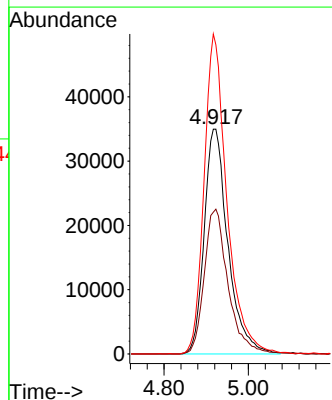
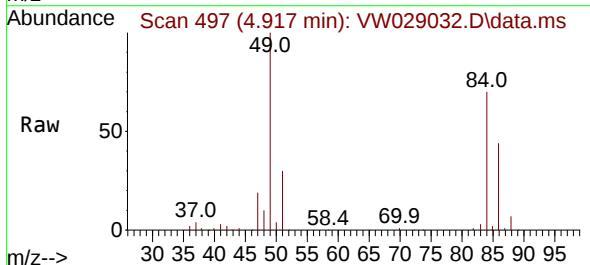
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

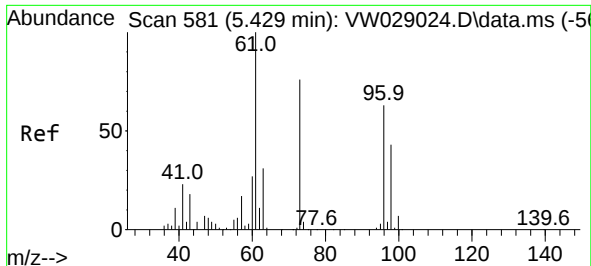
Tgt Ion: 43 Resp: 40684
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2



#16
Methylene chloride
Concen: 20.153 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 84 Resp: 136906
Ion Ratio Lower Upper
84 100
86 63.1 43.8 81.4
49 142.3 91.3 169.5

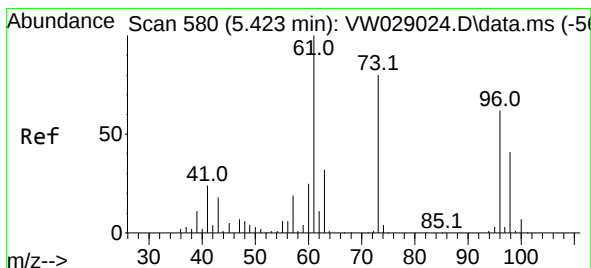
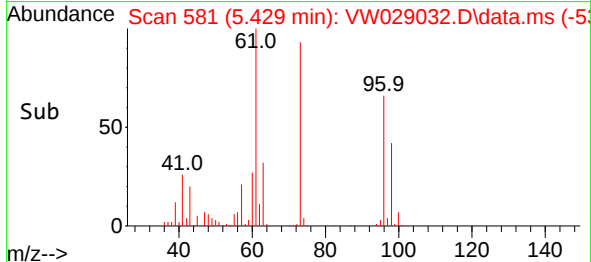
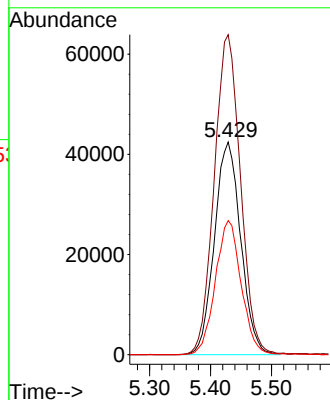
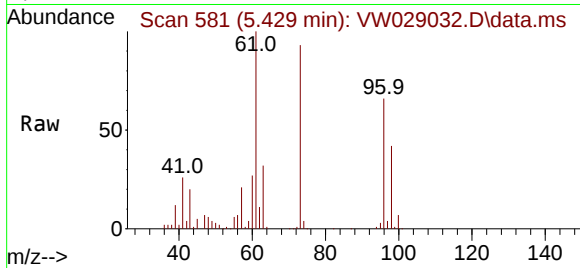




#17
trans-1,2-Dichloroethene
Concen: 20.440 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

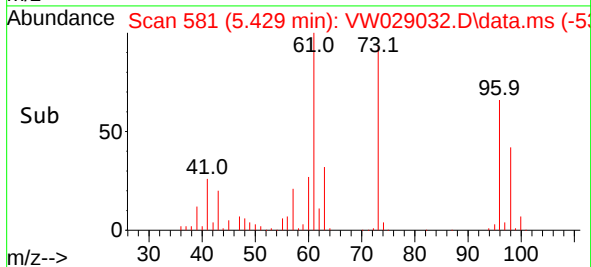
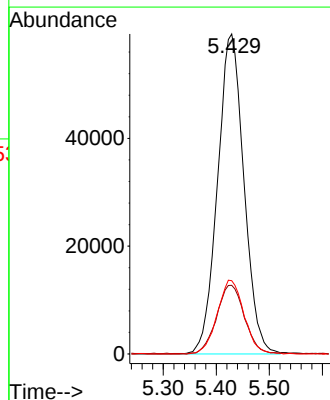
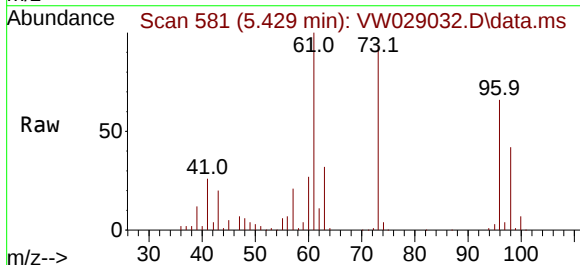
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

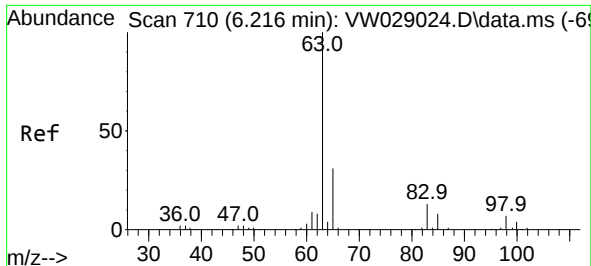
Tgt Ion: 96 Resp: 127506
Ion Ratio Lower Upper
96 100
61 150.5 104.6 194.2
98 63.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 23.557 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 73 Resp: 204917
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.6
57 23.3 18.4 27.6





#19

1,1-Dichloroethane

Concen: 21.381 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

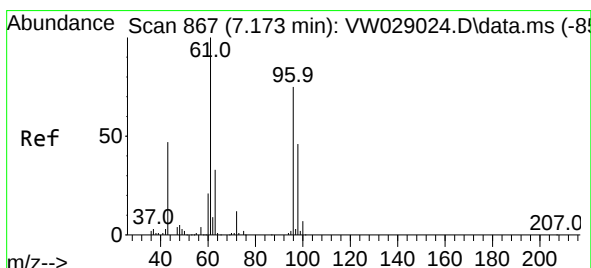
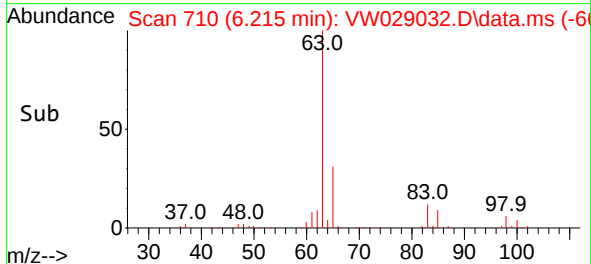
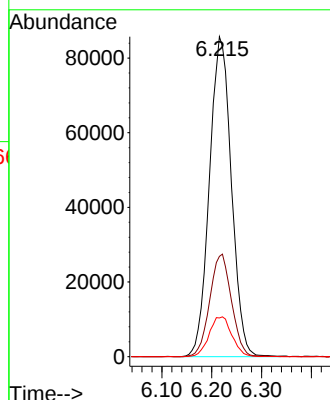
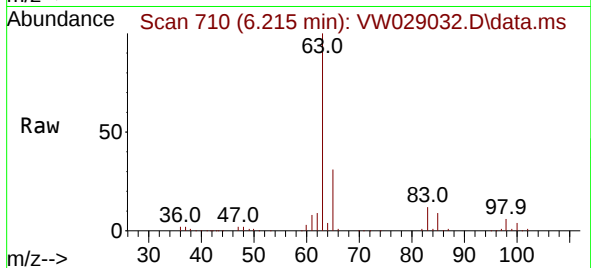
Tgt Ion: 63 Resp: 262217

Ion Ratio Lower Upper

63 100

65 31.4 21.8 40.6

83 12.1 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 20.818 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

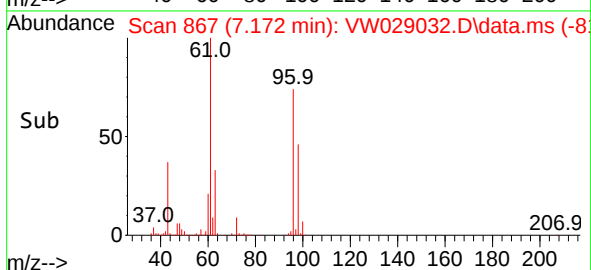
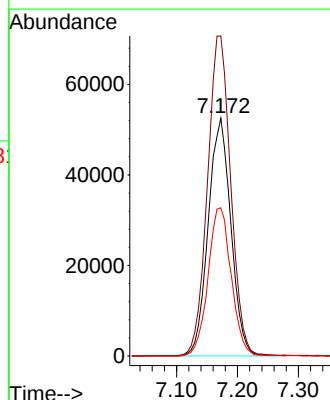
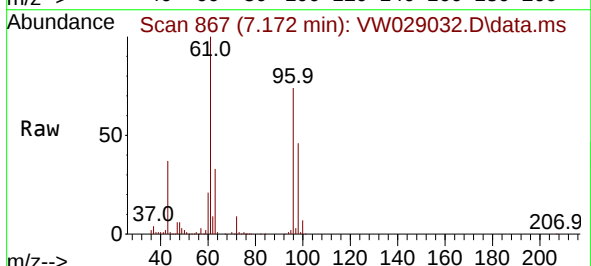
Tgt Ion: 96 Resp: 136140

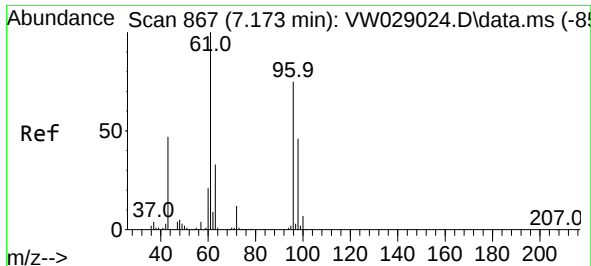
Ion Ratio Lower Upper

96 100

61 134.6 92.9 172.5

98 62.3 45.2 84.0

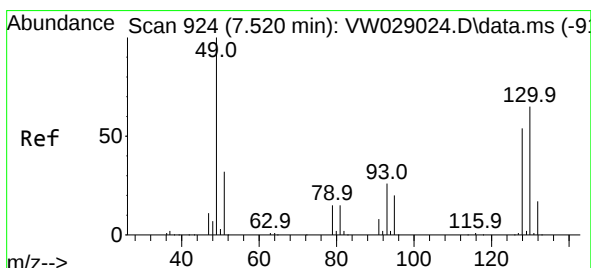
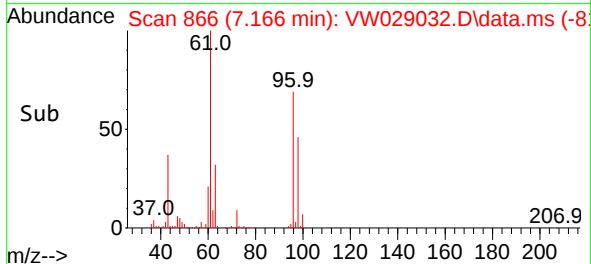
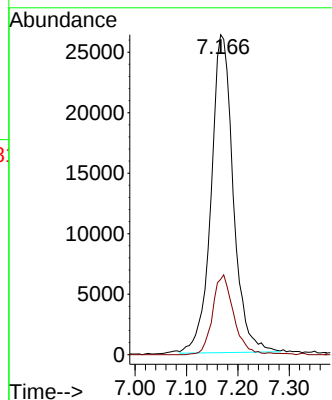
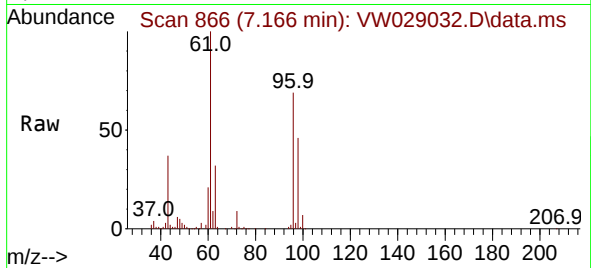




#22
2-Butanone
Concen: 42.543 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.007 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

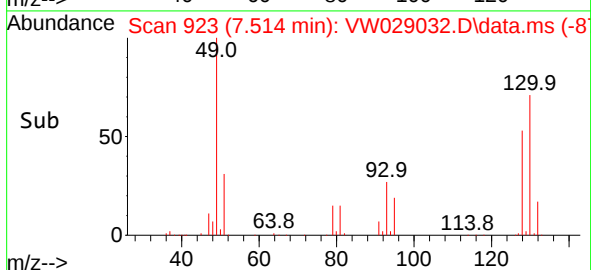
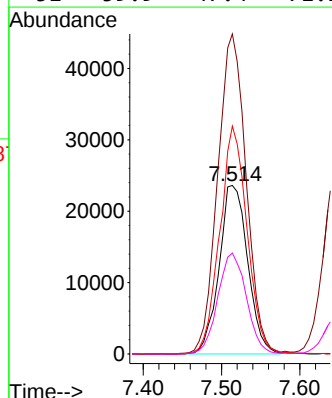
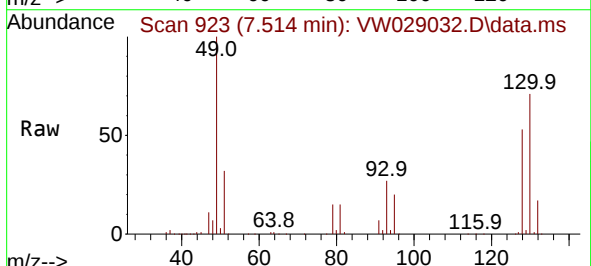
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

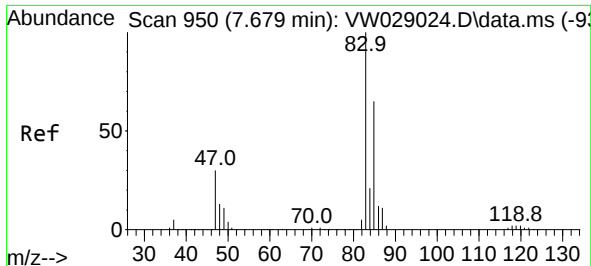
Tgt Ion: 43 Resp: 78926
Ion Ratio Lower Upper
43 100
72 23.7 12.5 37.5



#23
Bromochloromethane
Concen: 20.964 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.007 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 128 Resp: 59846
Ion Ratio Lower Upper
128 100
49 190.0 135.9 252.3
130 135.2 89.0 165.2
51 59.9 47.4 71.2

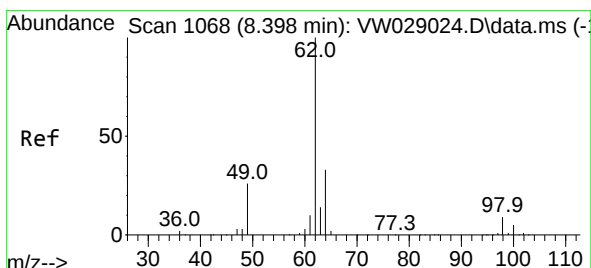
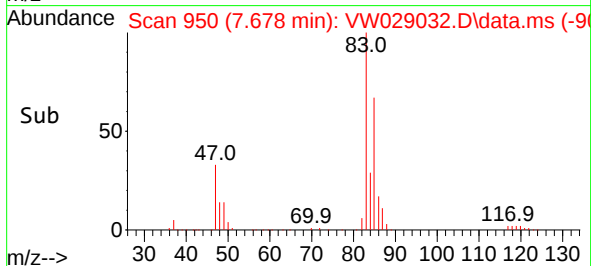
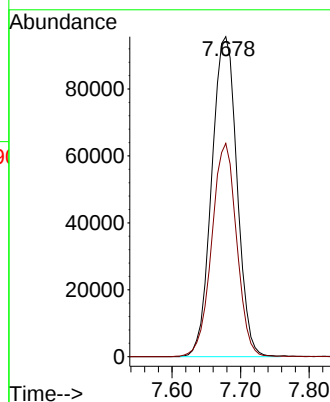
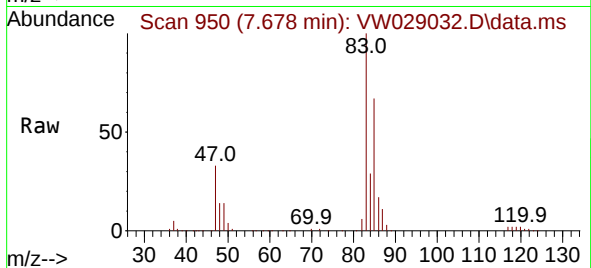




#25
Chloroform
Concen: 20.534 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

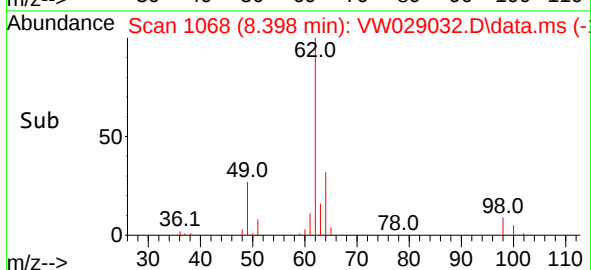
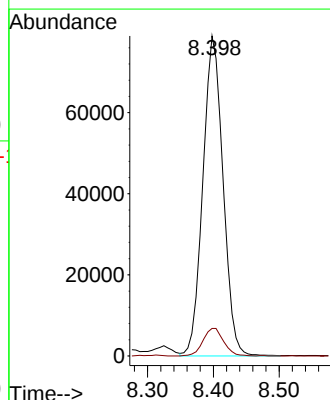
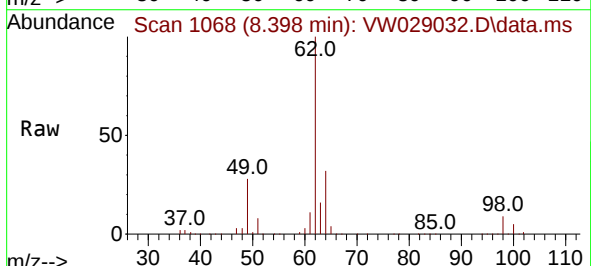
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

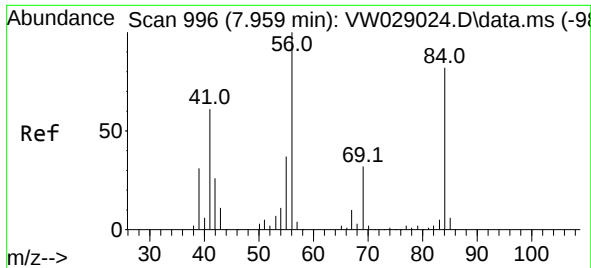
Tgt Ion: 83 Resp: 244594
Ion Ratio Lower Upper
83 100
85 66.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 21.132 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 62 Resp: 168685
Ion Ratio Lower Upper
62 100
98 8.6 7.1 10.7

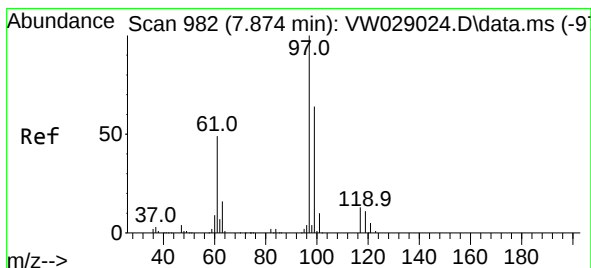
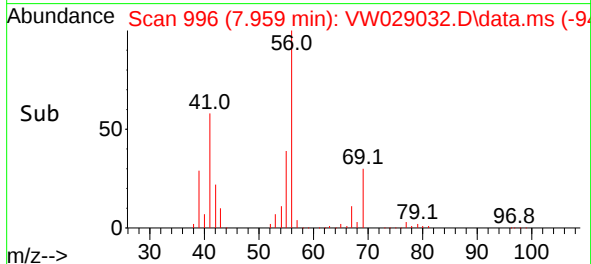
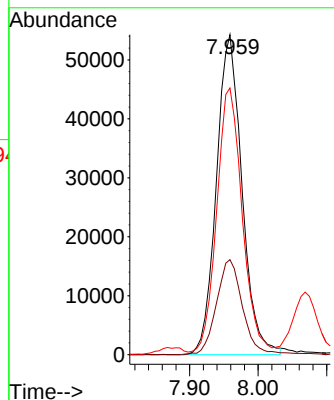
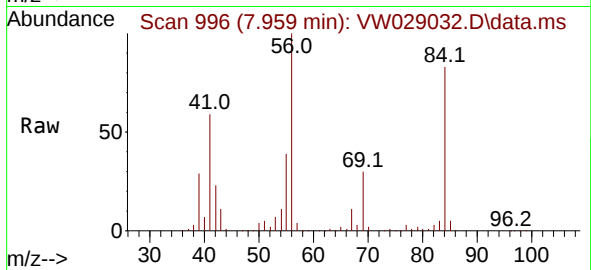




#29
Cyclohexane
Concen: 19.039 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

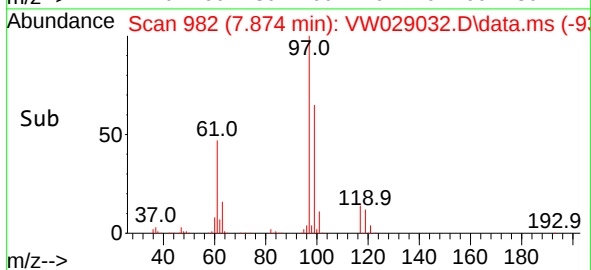
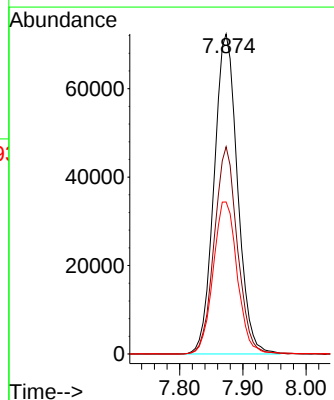
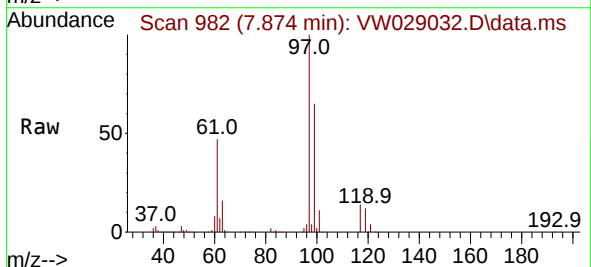
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

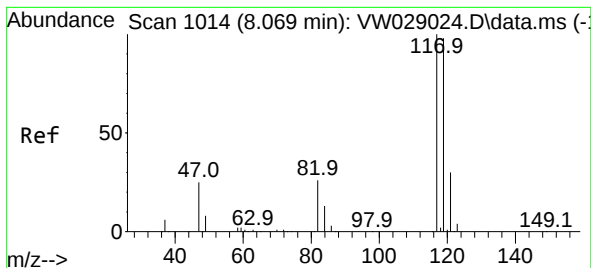
Tgt Ion: 56 Resp: 140675
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.4
84 83.1 65.4 98.2



#30
1,1,1-Trichloroethane
Concen: 27.030 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 97 Resp: 186110
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 48.9 39.6 59.4

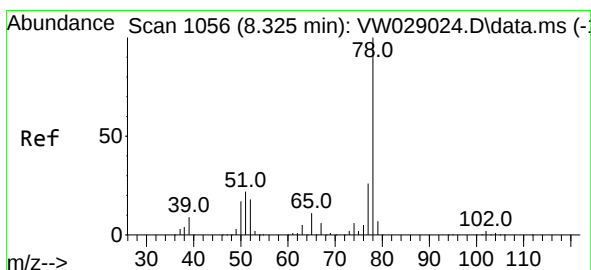
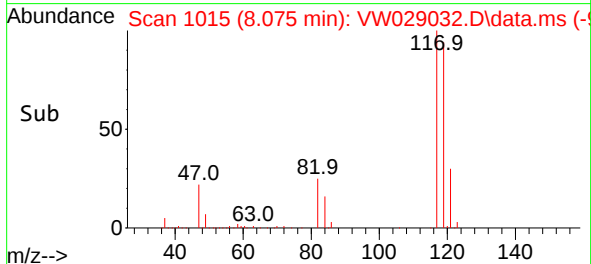
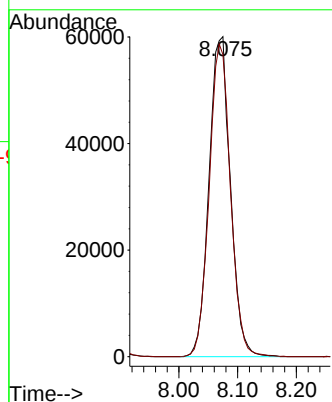
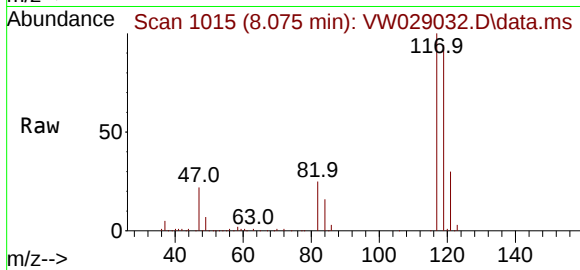




#31
Carbon tetrachloride
Concen: 24.219 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

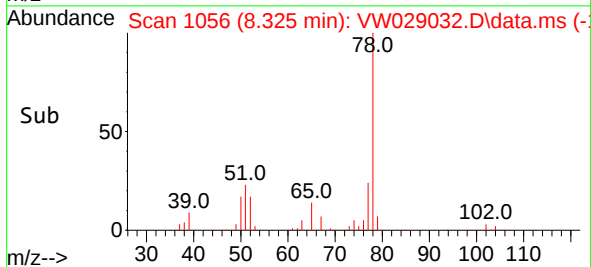
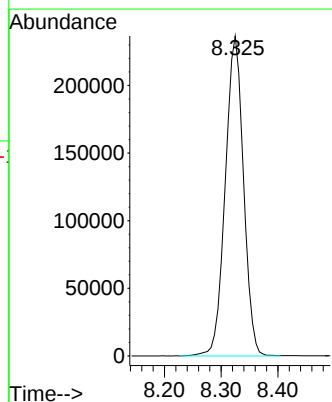
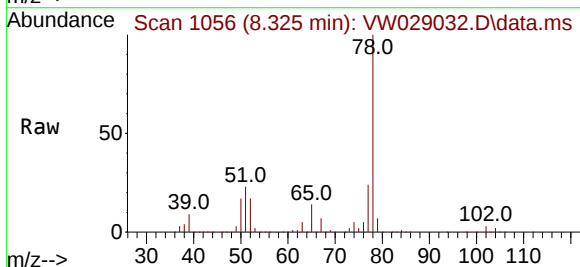
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

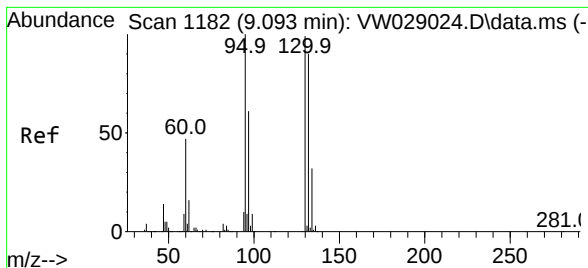
Tgt Ion:117 Resp: 151895
Ion Ratio Lower Upper
117 100
119 97.2 78.8 118.2



#33
Benzene
Concen: 28.543 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 78 Resp: 527425





#34

Trichloroethene

Concen: 24.665 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

Tgt Ion: 95 Resp: 119821

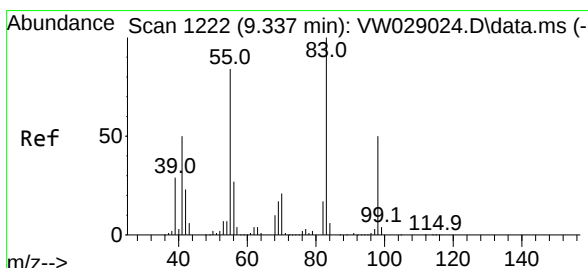
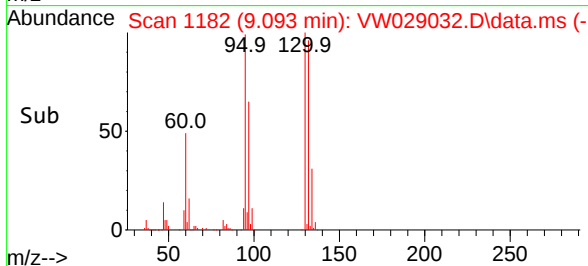
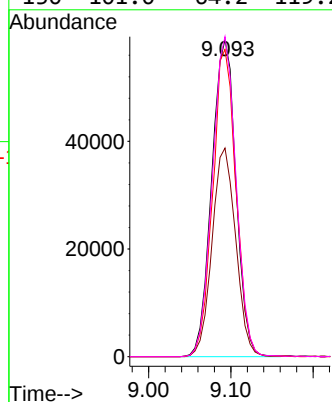
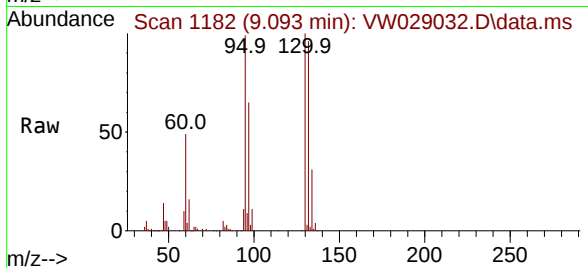
Ion Ratio Lower Upper

95 100

97 65.9 41.9 77.7

132 97.1 60.1 111.5

130 101.0 64.2 119.2



#35

Methylcyclohexane

Concen: 12.743 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

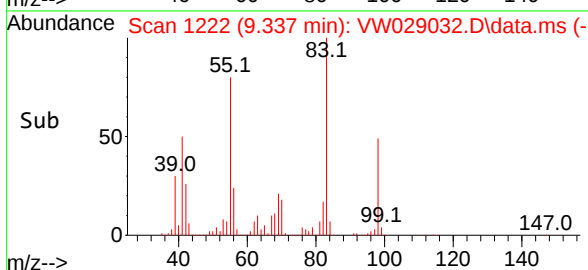
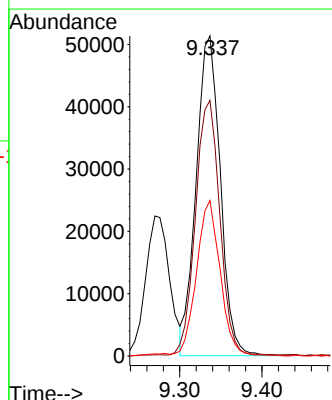
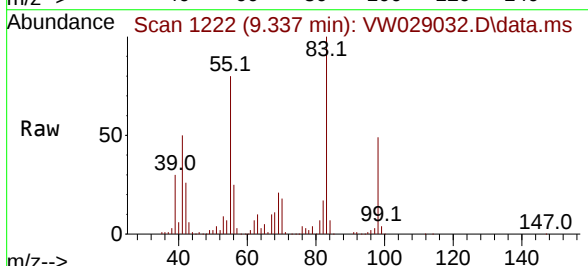
Tgt Ion: 83 Resp: 105017

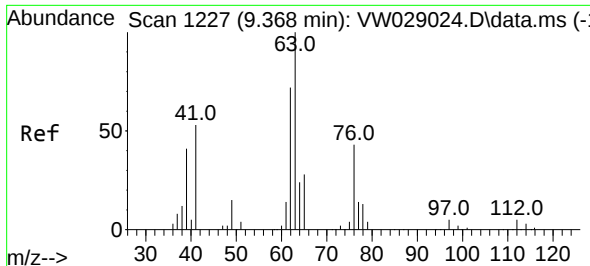
Ion Ratio Lower Upper

83 100

55 80.5 65.8 98.6

98 46.9 38.4 57.6





#37

1,2-Dichloropropane

Concen: 28.596 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

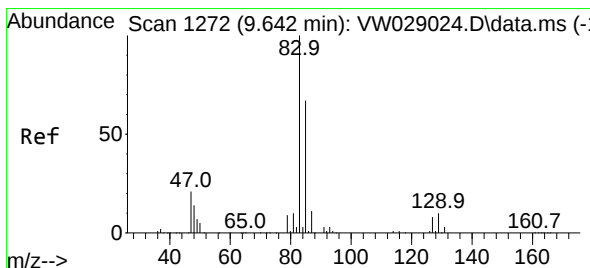
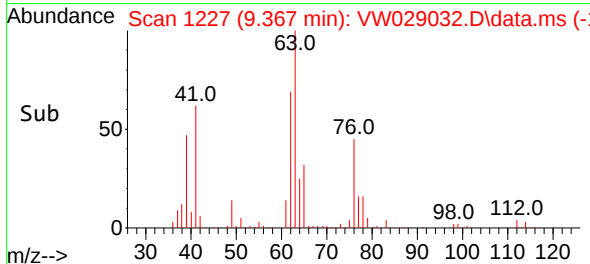
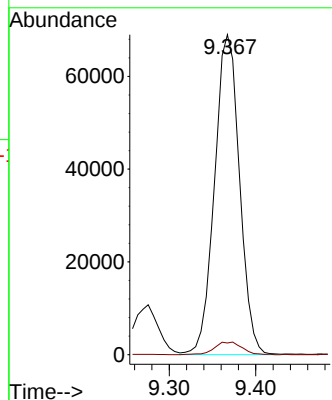
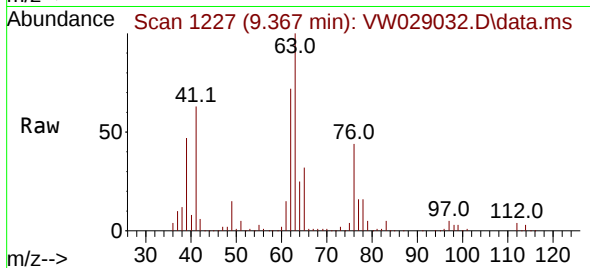
A4BN7MS

Tgt Ion: 63 Resp: 138369

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 25.989 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

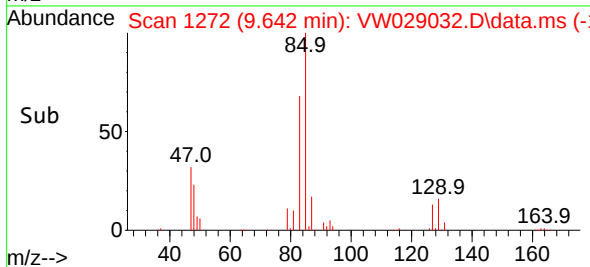
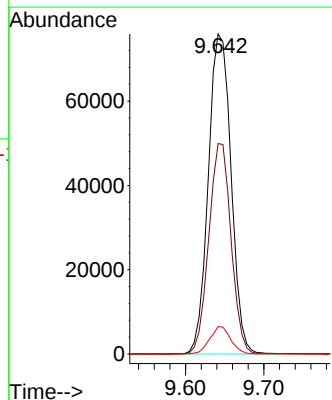
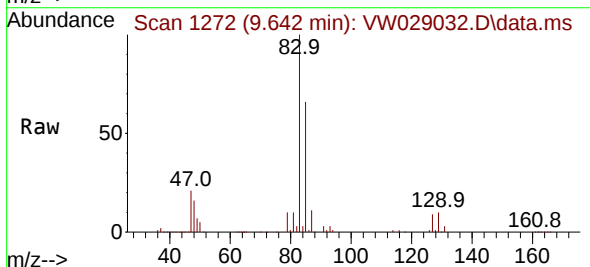
Tgt Ion: 83 Resp: 153373

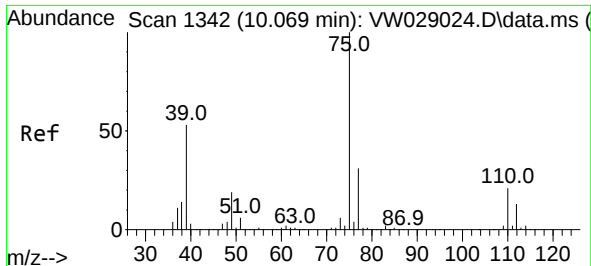
Ion Ratio Lower Upper

83 100

85 65.7 43.9 81.5

127 8.6 5.4 8.2#





#39

cis-1,3-Dichloropropene

Concen: 20.987 ug/L

RT: 10.074 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

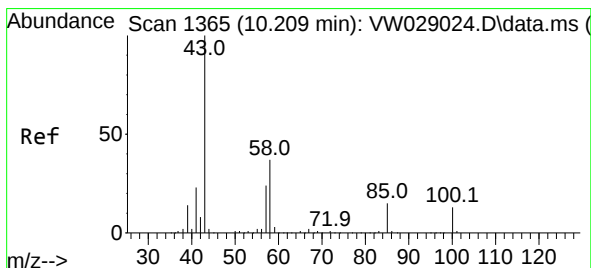
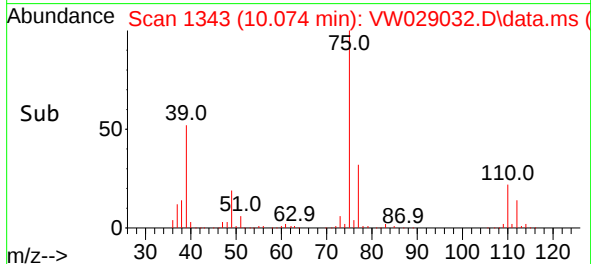
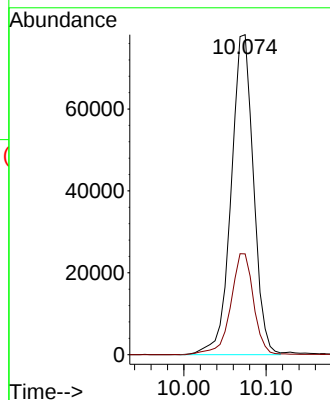
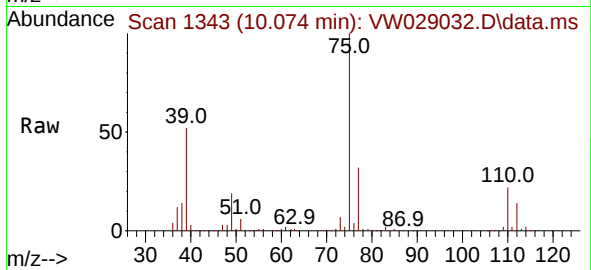
A4BN7MS

Tgt Ion: 75 Resp: 147586

Ion Ratio Lower Upper

75 100

77 31.5 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 69.686 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

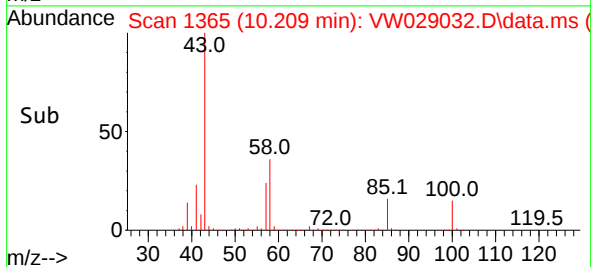
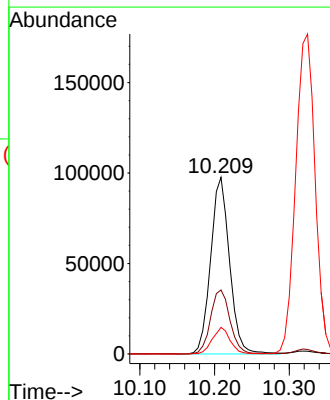
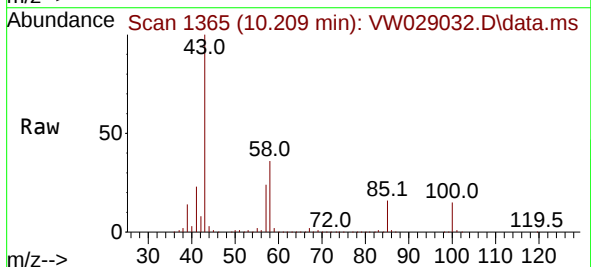
Tgt Ion: 43 Resp: 171513

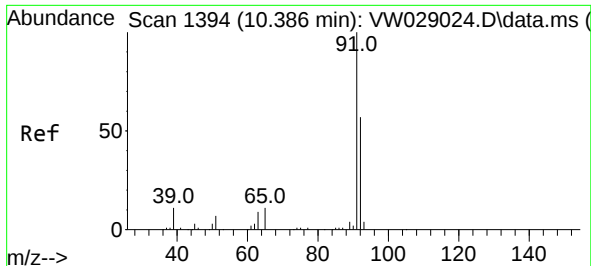
Ion Ratio Lower Upper

43 100

58 37.4 30.3 45.5

100 14.2 10.7 16.1

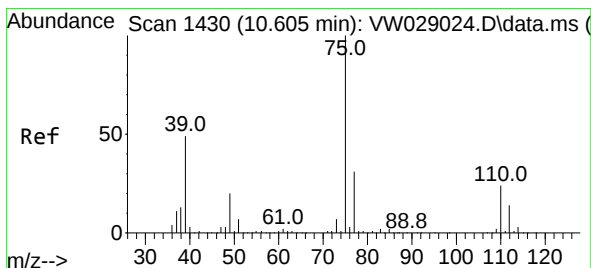
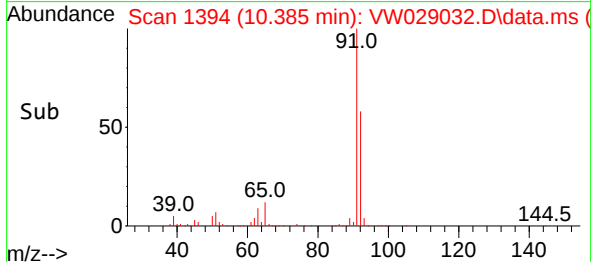
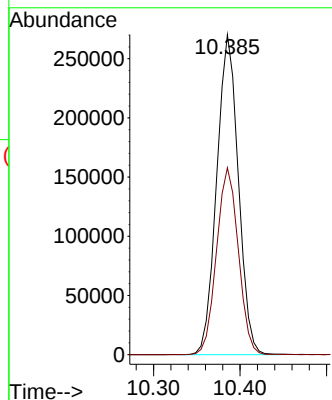
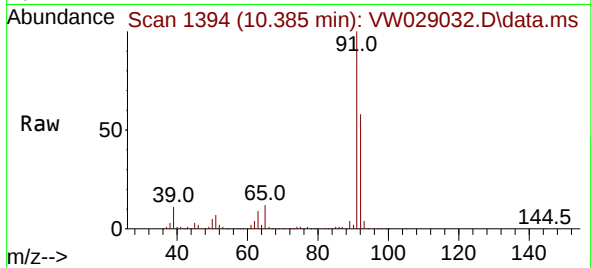




#42
Toluene
Concen: 24.822 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

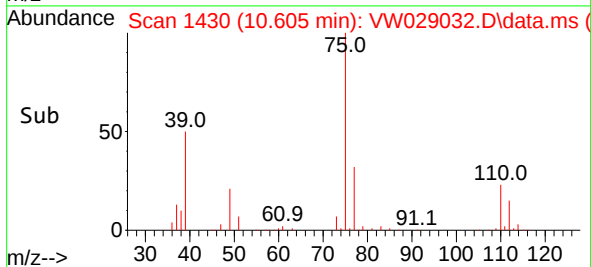
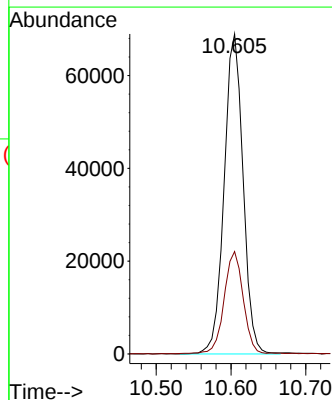
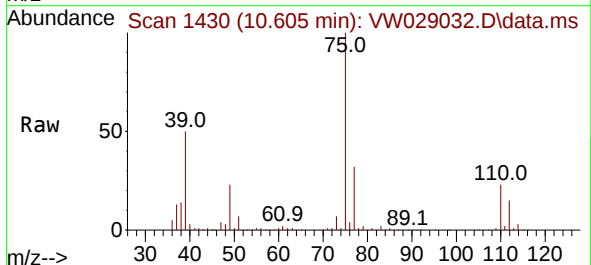
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

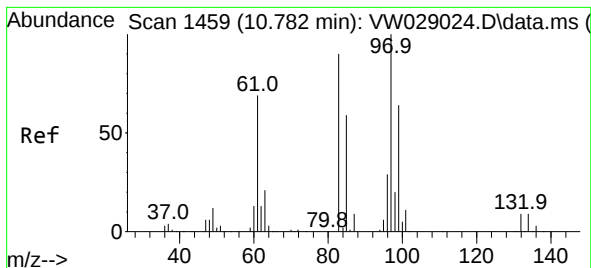
Tgt Ion: 91 Resp: 468561
Ion Ratio Lower Upper
91 100
92 58.4 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 21.396 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 75 Resp: 121300
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.198 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

Tgt Ion: 97 Resp: 88884

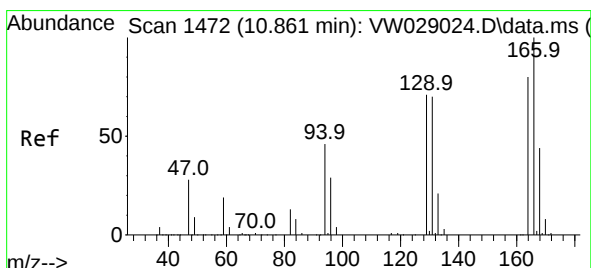
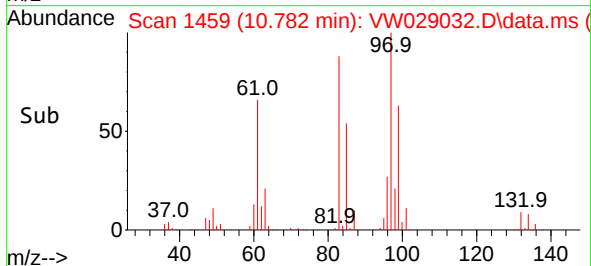
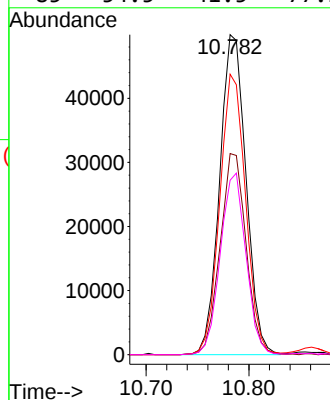
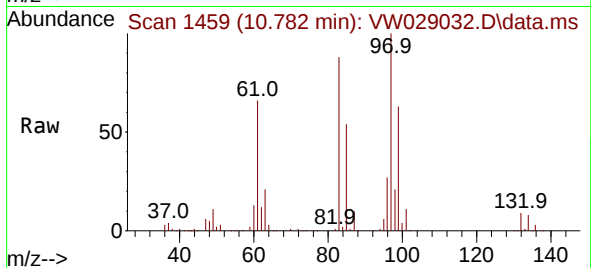
Ion Ratio Lower Upper

97 100

99 62.8 41.8 77.6

83 87.7 62.4 115.8

85 54.5 41.5 77.1



#46

Tetrachloroethene

Concen: 18.183 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.007 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Tgt Ion:164 Resp: 67111

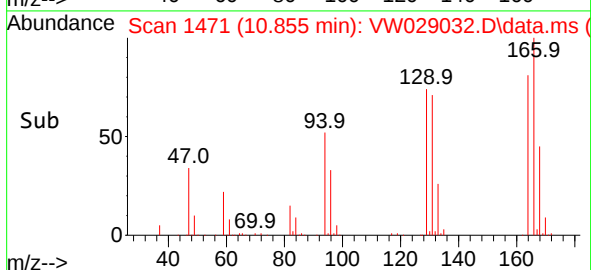
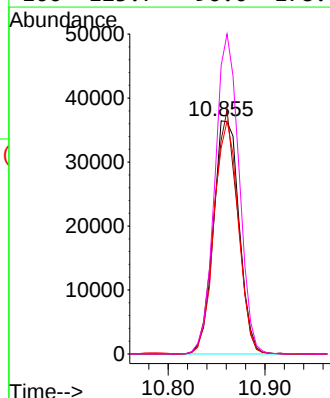
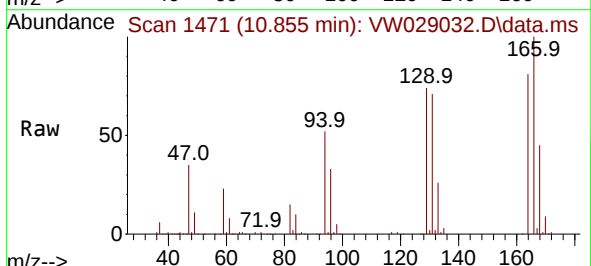
Ion Ratio Lower Upper

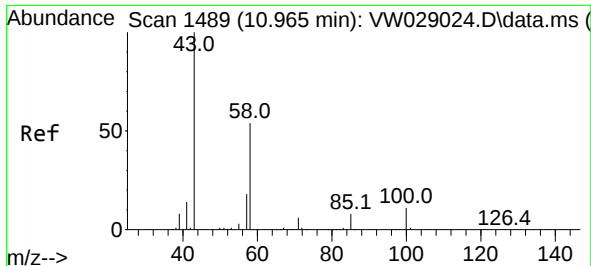
164 100

129 91.7 69.4 128.8

131 88.4 71.0 131.9

166 123.7 96.0 178.4

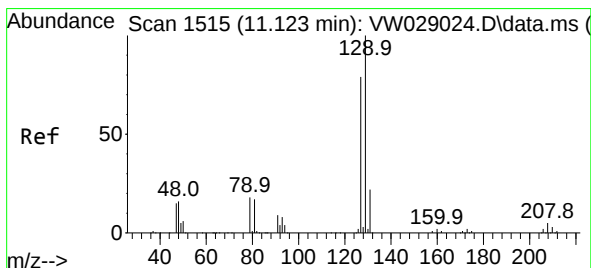
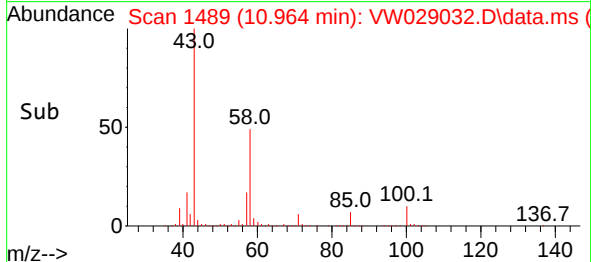
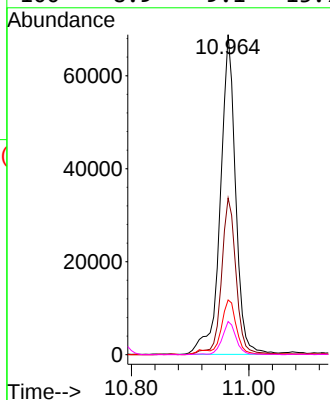
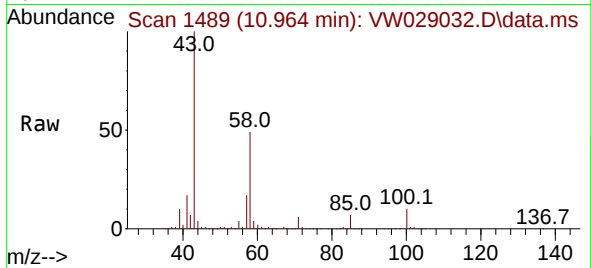




#48
2-Hexanone
Concen: 67.487 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

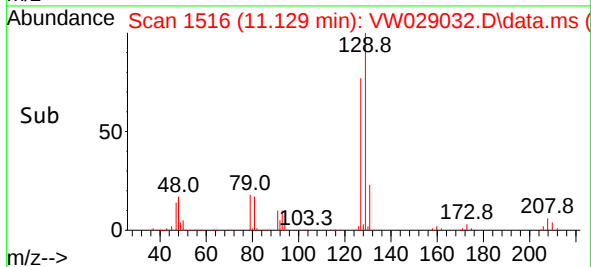
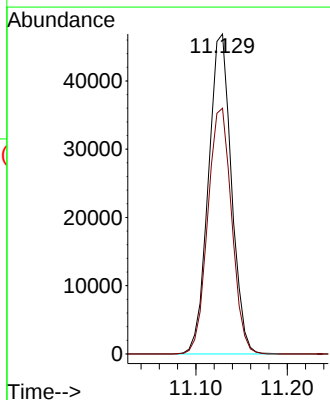
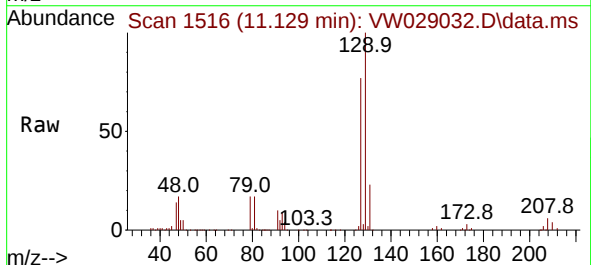
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

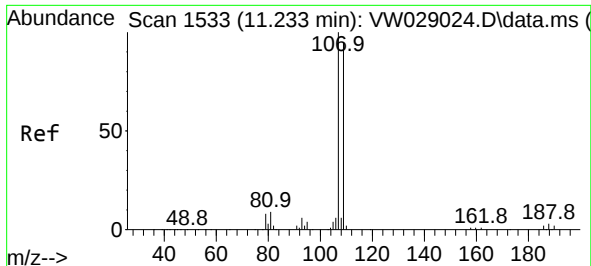
Tgt Ion:	43	Resp:	124534
Ion	Ratio	Lower	Upper
43	100		
58	46.8	41.4	62.0
57	16.3	14.2	21.4
100	8.9	9.1	13.7



#49
Dibromochloromethane
Concen: 23.807 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion:	129	Resp:	82174
Ion	Ratio	Lower	Upper
129	100		
127	76.8	56.5	104.9





#50

1,2-Dibromoethane

Concen: 25.061 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

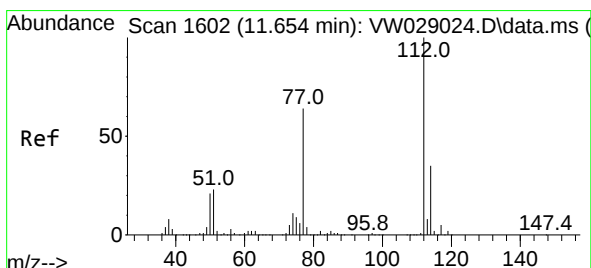
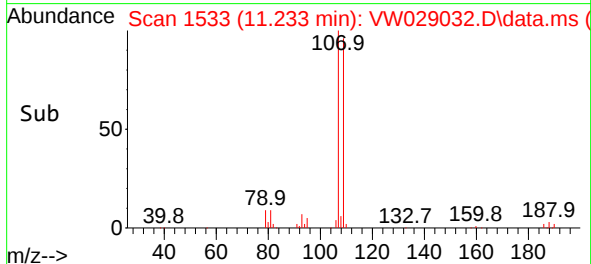
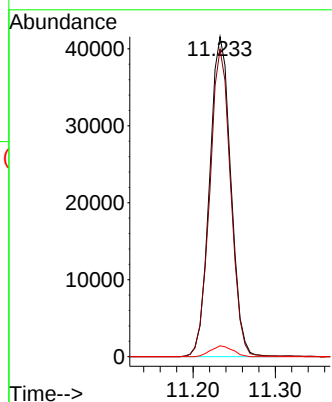
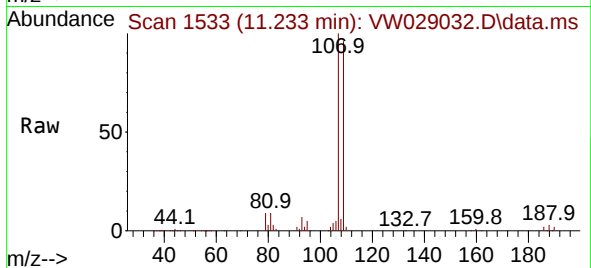
Tgt Ion:107 Resp: 74762

Ion Ratio Lower Upper

107 100

109 96.1 67.9 126.1

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 19.598 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

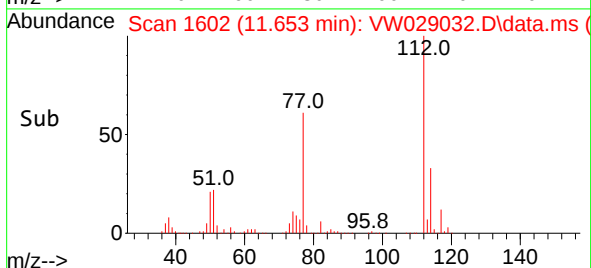
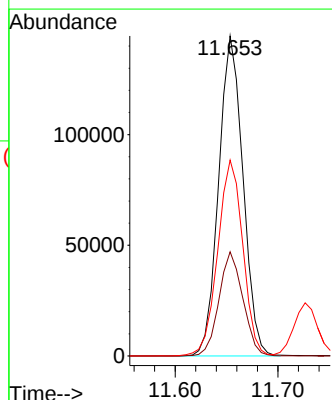
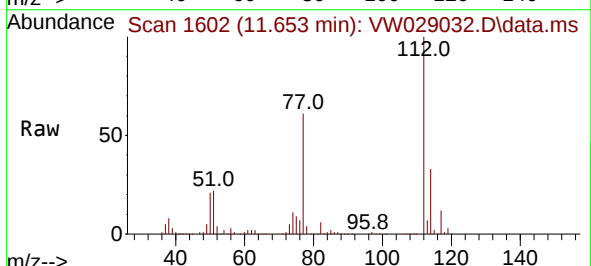
Tgt Ion:112 Resp: 237643

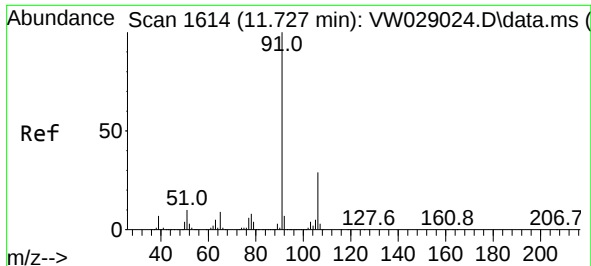
Ion Ratio Lower Upper

112 100

114 32.5 23.7 44.1

77 61.2 51.7 77.5

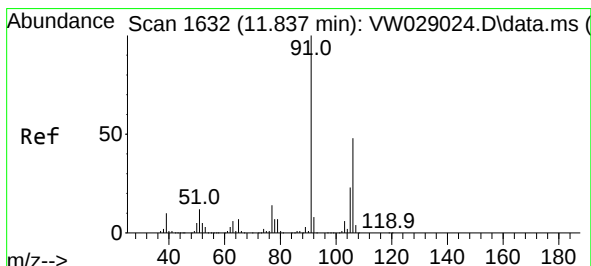
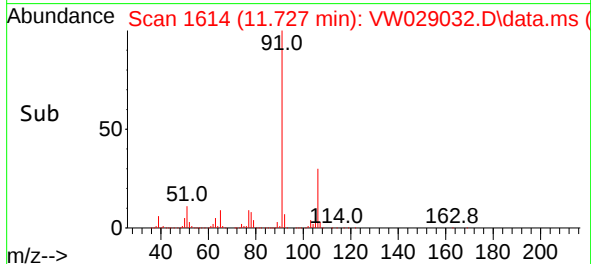
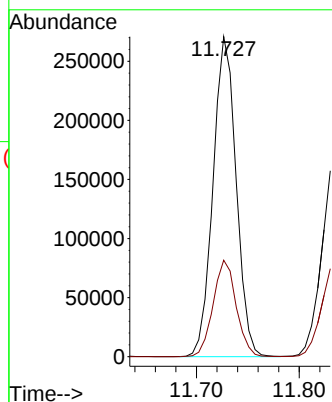
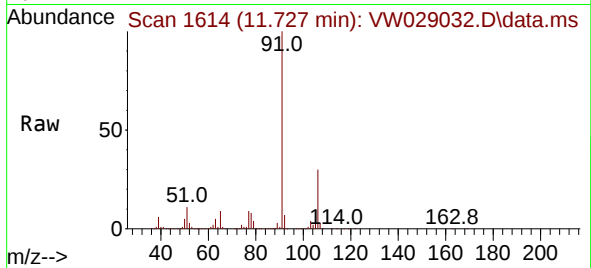




#52
Ethylbenzene
Concen: 19.709 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

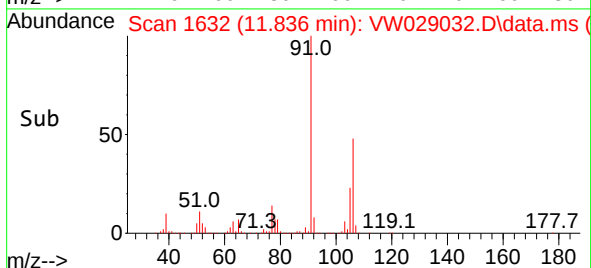
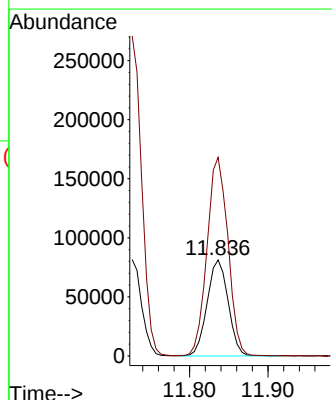
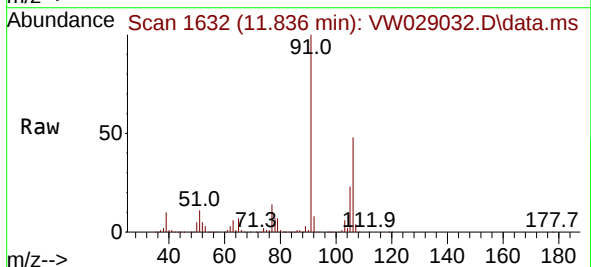
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

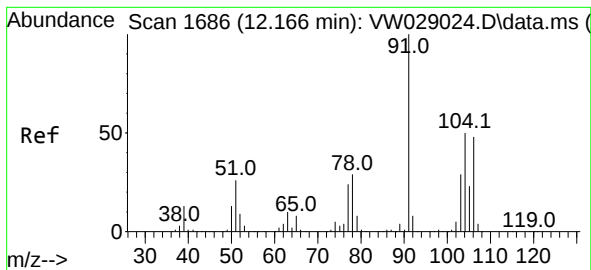
Tgt Ion: 91 Resp: 422700
Ion Ratio Lower Upper
91 100
106 30.1 19.9 37.0



#53
m,p-Xylene
Concen: 19.049 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion:106 Resp: 151324
Ion Ratio Lower Upper
106 100
91 207.0 152.0 282.2

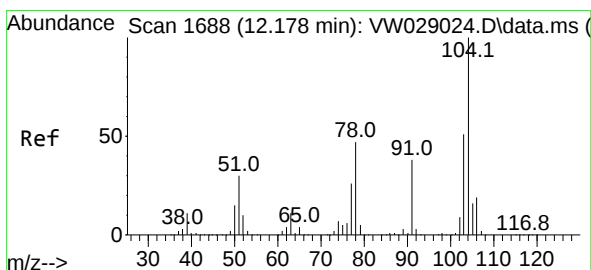
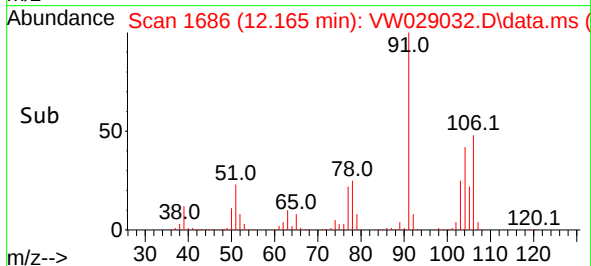
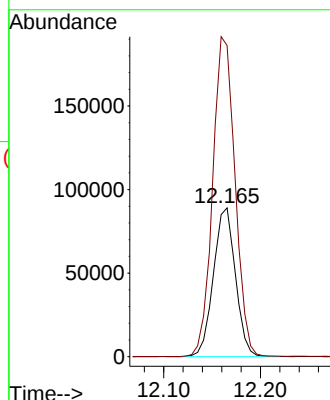
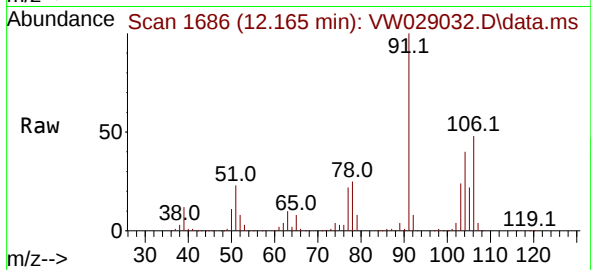




#54
o-Xylene
Concen: 19.139 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

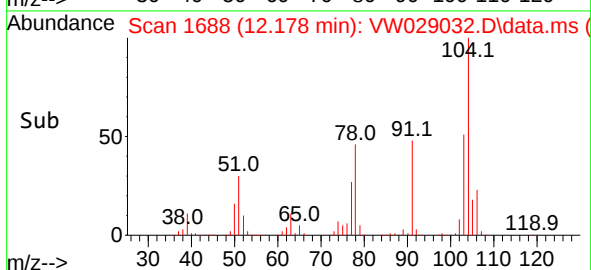
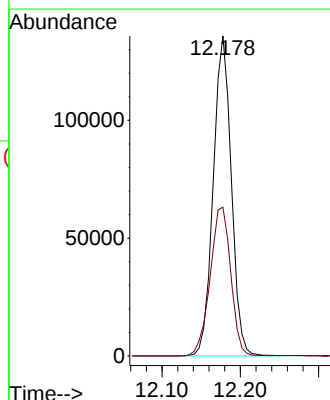
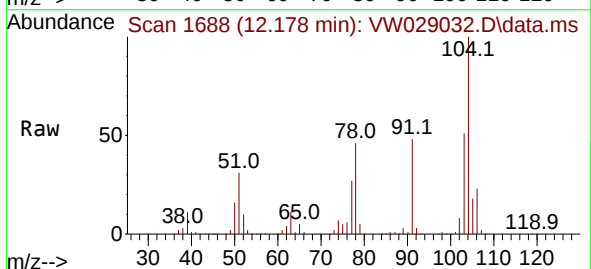
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

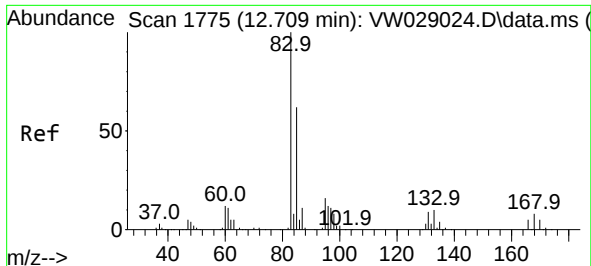
Tgt Ion:106 Resp: 140778
Ion Ratio Lower Upper
106 100
91 209.2 152.5 283.3



#55
Styrene
Concen: 17.173 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion:104 Resp: 217786
Ion Ratio Lower Upper
104 100
78 46.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.933 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

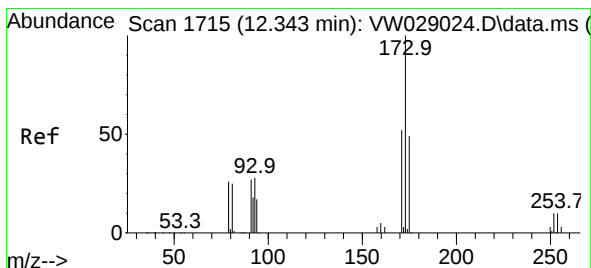
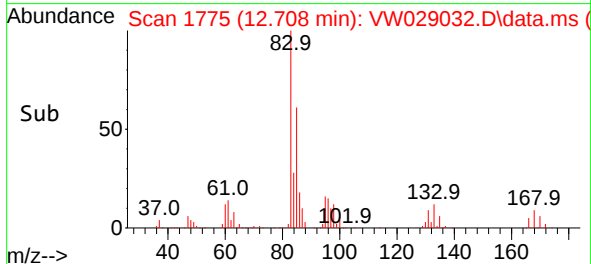
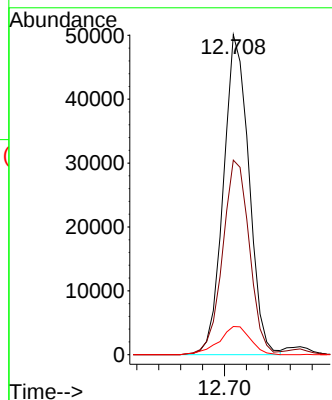
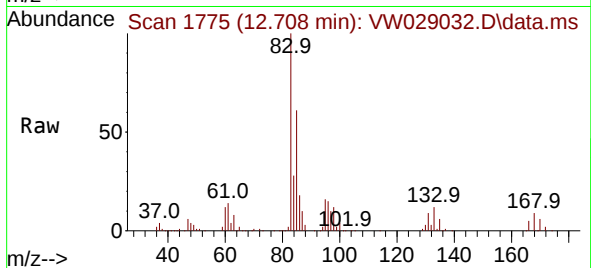
Tgt Ion: 83 Resp: 80914

Ion Ratio Lower Upper

83 100

85 60.8 43.8 81.3

131 8.8 7.3 10.9



#59

Bromoform

Concen: 39.196 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

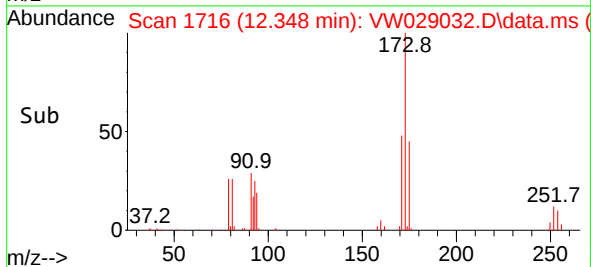
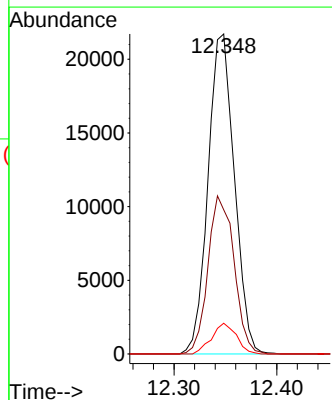
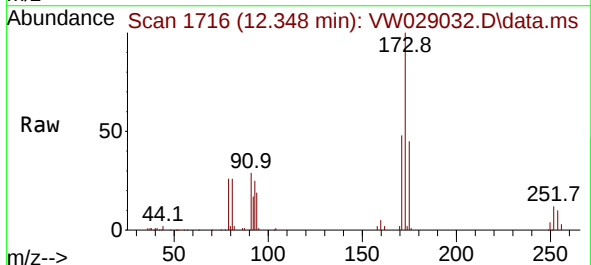
Tgt Ion: 173 Resp: 38705

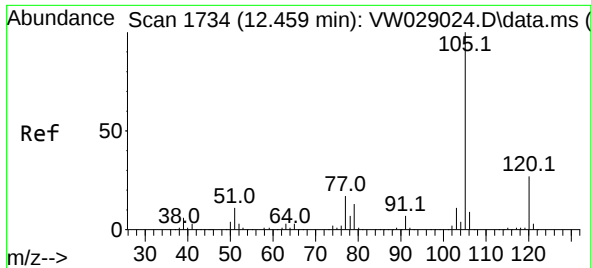
Ion Ratio Lower Upper

173 100

175 48.9 38.1 57.1

254 9.0 8.2 12.2

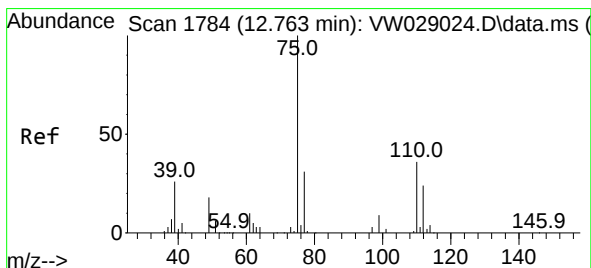
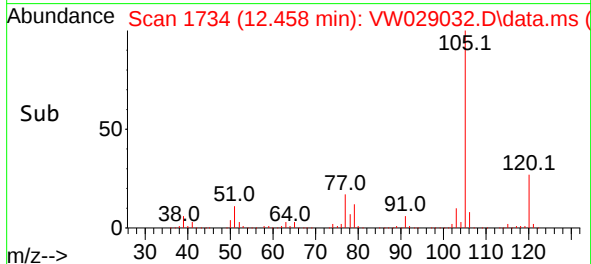
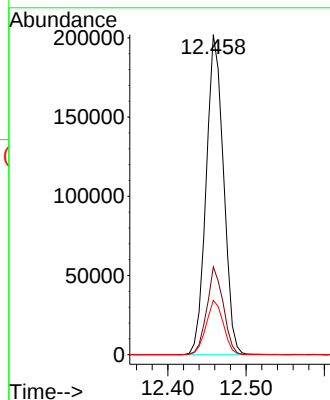
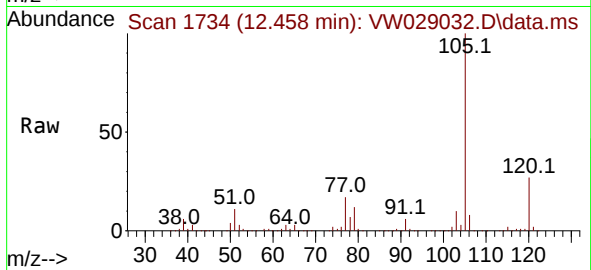




#60
Isopropylbenzene
Concen: 28.538 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

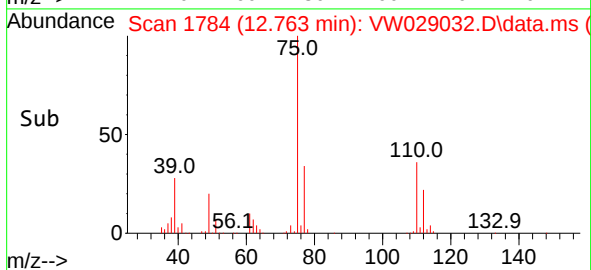
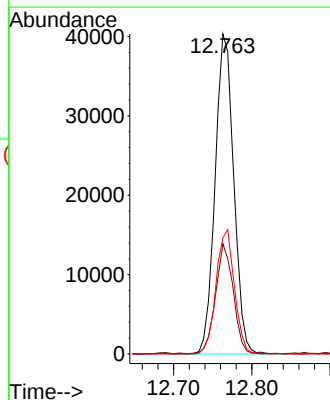
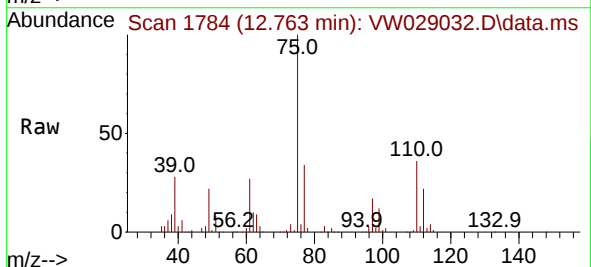
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

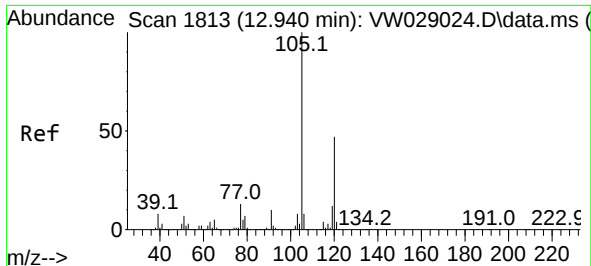
Tgt Ion:105 Resp: 310155
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 46.045 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion: 75 Resp: 66698
Ion Ratio Lower Upper
75 100
77 32.6 26.3 39.5
110 38.3 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 23.834 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

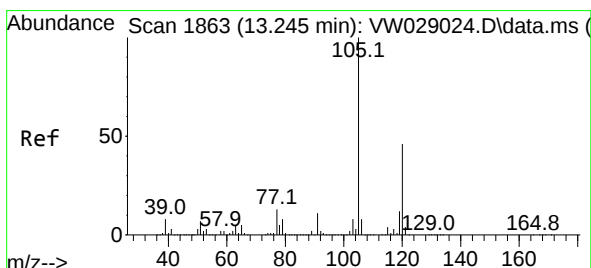
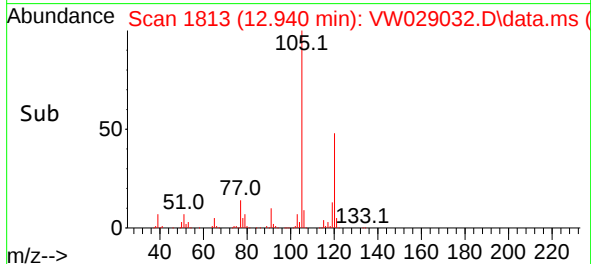
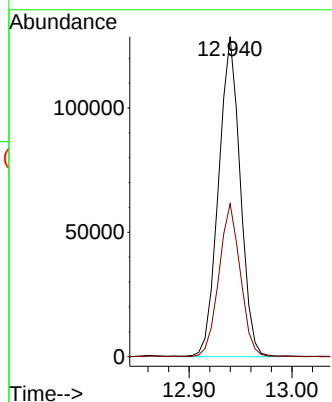
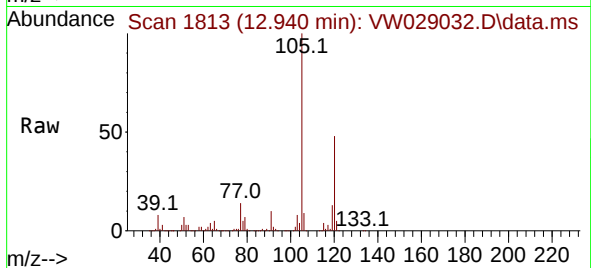
A4BN7MS

Tgt Ion:105 Resp: 188397

Ion Ratio Lower Upper

105 100

120 47.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 23.588 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029032.D

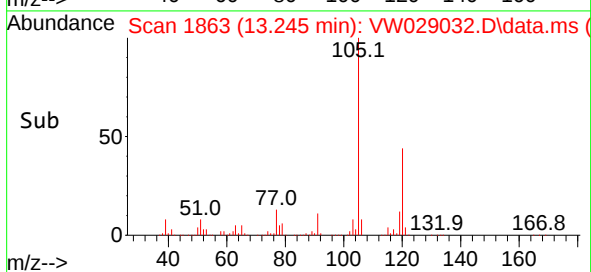
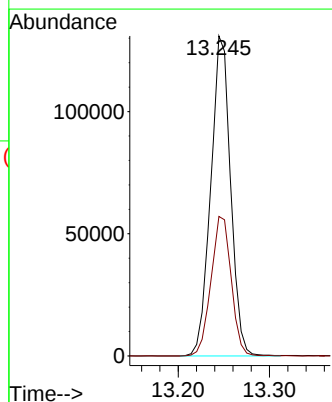
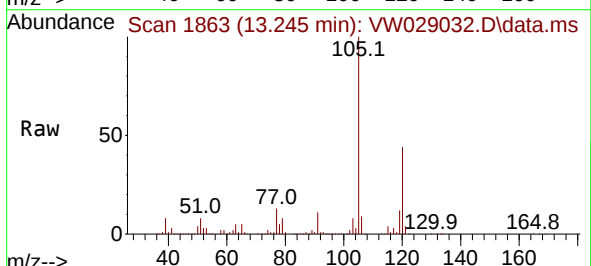
Acq: 06 Jun 2024 12:42

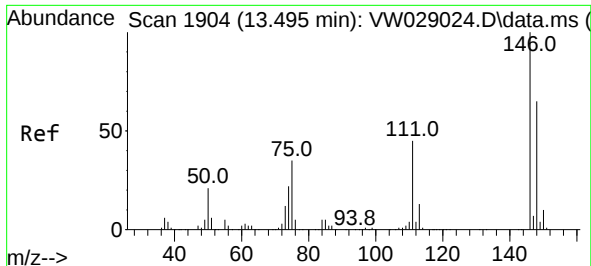
Tgt Ion:105 Resp: 197053

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.8

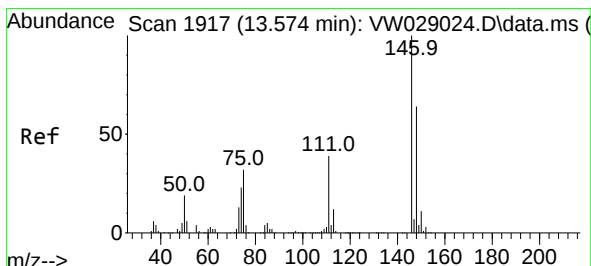
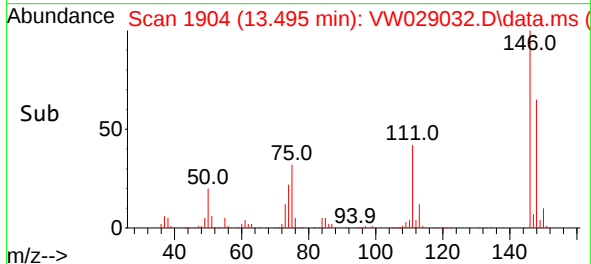
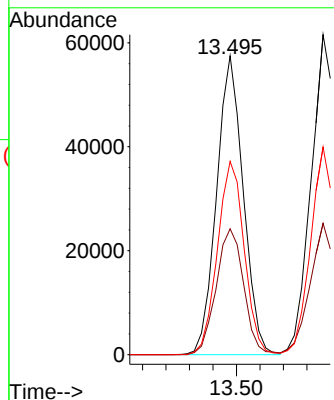
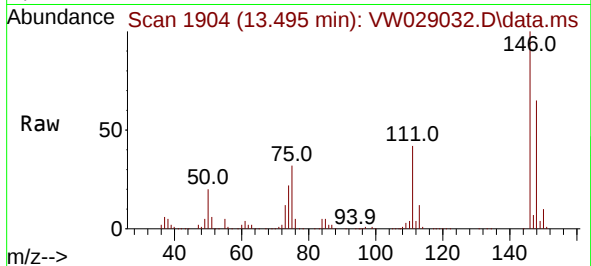




#64
1,3-Dichlorobenzene
Concen: 19.407 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

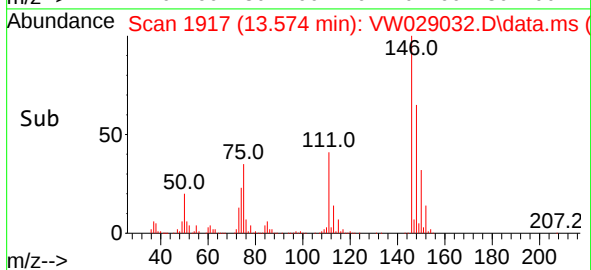
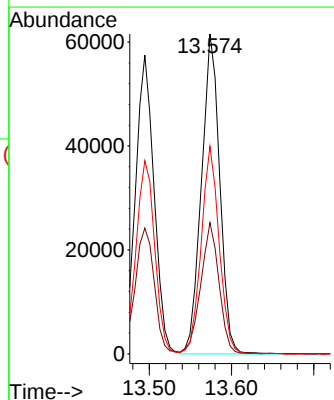
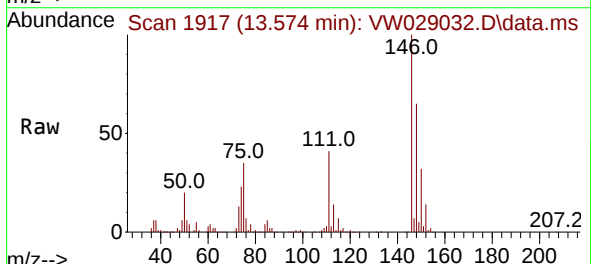
Instrument :
MSVOA_W
ClientSampleId :
A4BN7MS

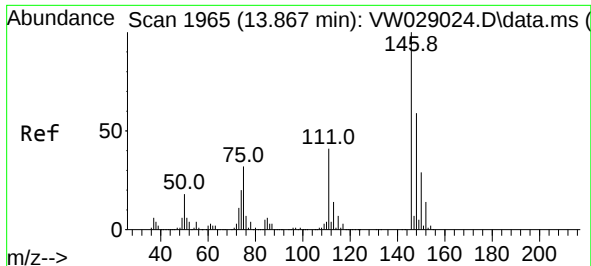
Tgt Ion:146 Resp: 90640
Ion Ratio Lower Upper
146 100
111 42.2 29.4 54.6
148 64.6 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 19.491 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029032.D
Acq: 06 Jun 2024 12:42

Tgt Ion:146 Resp: 95078
Ion Ratio Lower Upper
146 100
111 41.1 27.5 51.1
148 64.9 39.5 73.3





#67

1,2-Dichlorobenzene

Concen: 18.813 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

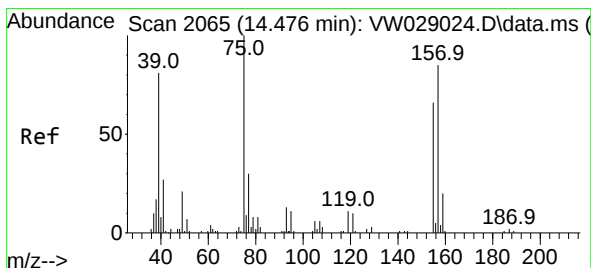
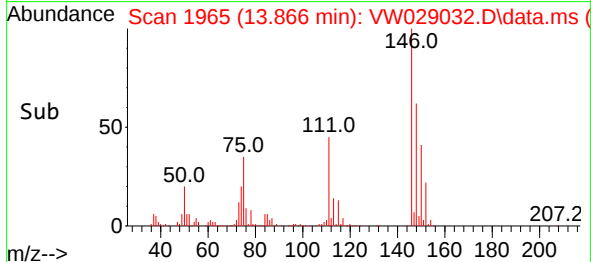
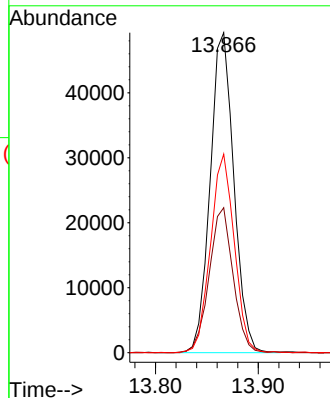
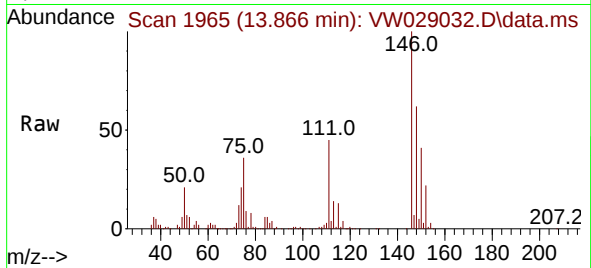
Tgt Ion:146 Resp: 78752

Ion Ratio Lower Upper

146 100

111 45.3 32.8 49.2

148 62.0 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 33.503 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

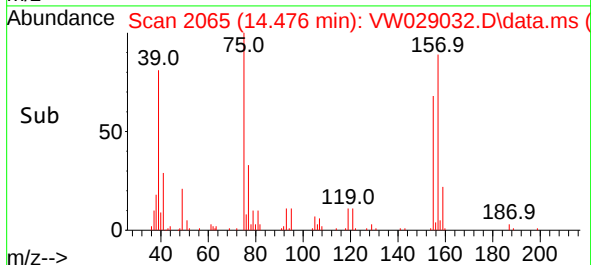
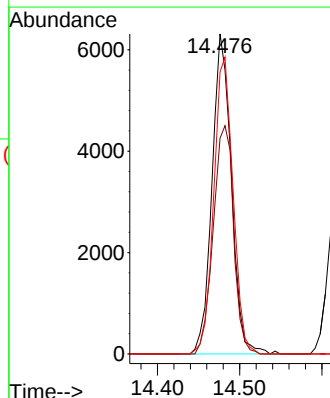
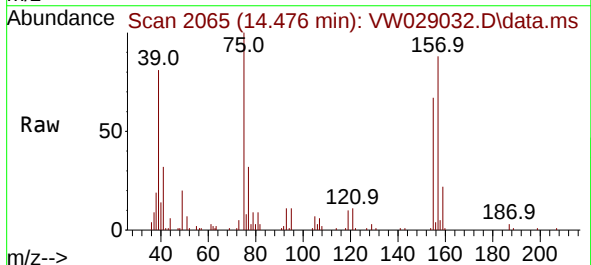
Tgt Ion: 75 Resp: 10344

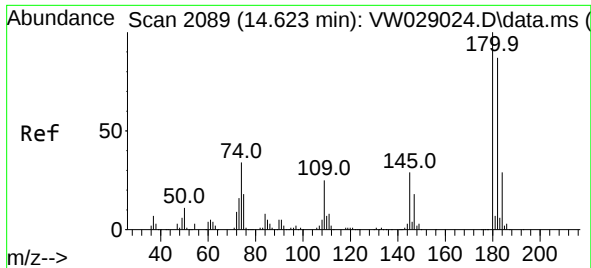
Ion Ratio Lower Upper

75 100

155 67.4 52.3 78.5

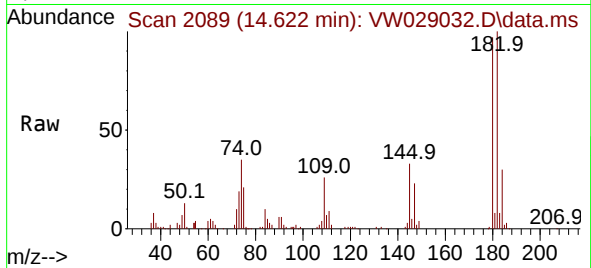
157 88.1 71.0 106.4





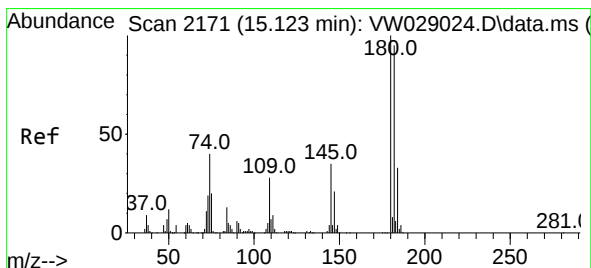
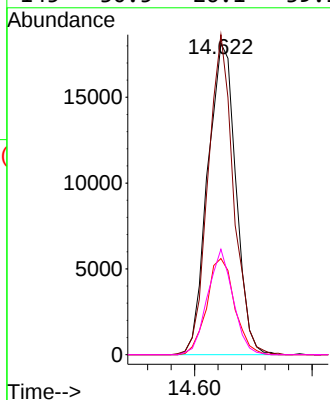
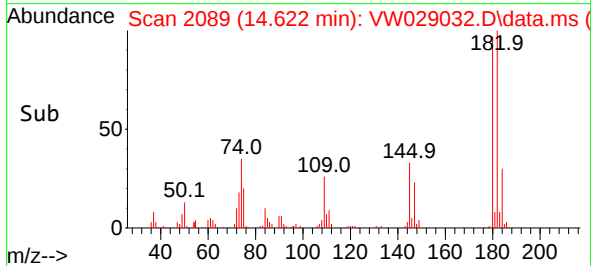
#69
 1,3,5-Trichlorobenzene
 Concen: 9.424 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW029032.D
 Acq: 06 Jun 2024 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BN7MS

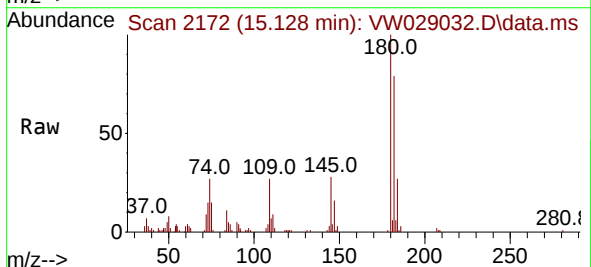


Tgt Ion:180 Resp: 30221

Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.4	116.0
184	30.5	24.6	36.8
145	30.5	26.1	39.1

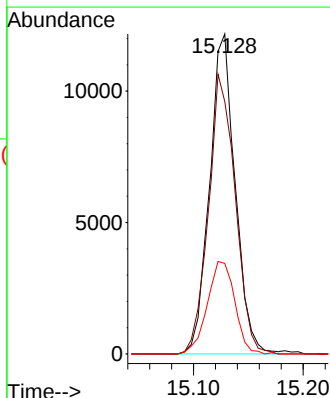
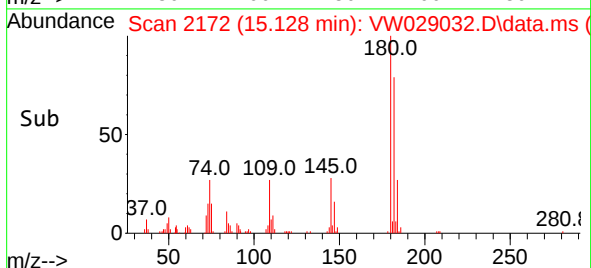


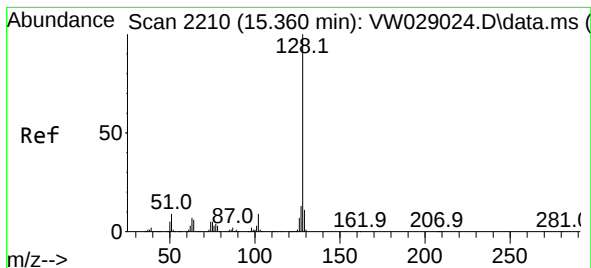
#70
 1,2,4-trichlorobenzene
 Concen: 7.609 ug/L
 RT: 15.128 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW029032.D
 Acq: 06 Jun 2024 12:42



Tgt Ion:180 Resp: 19776

Ion	Ratio	Lower	Upper
180	100		
182	90.9	75.3	112.9
145	31.0	26.2	39.2





#71

Naphthalene

Concen: 9.735 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Instrument :

MSVOA_W

ClientSampleId :

A4BN7MS

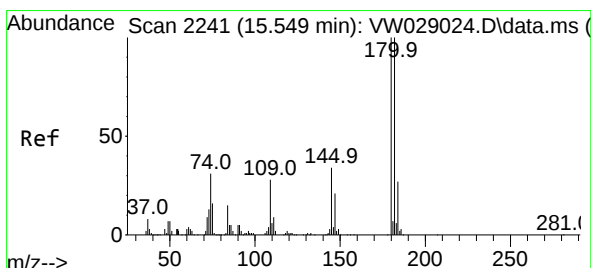
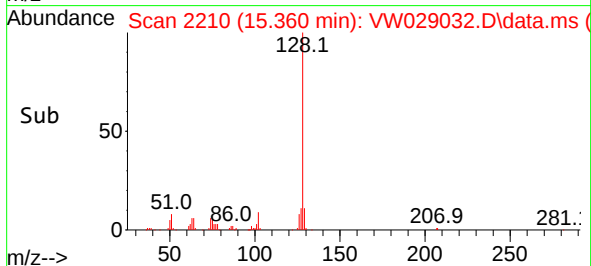
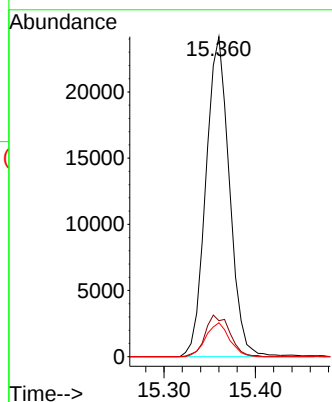
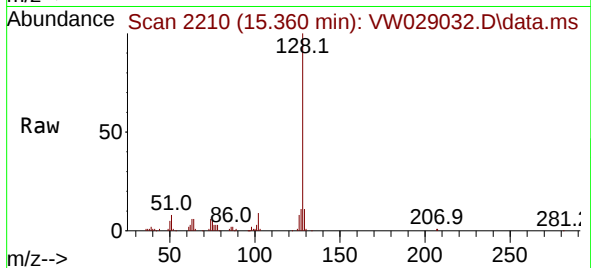
Tgt Ion:128 Resp: 43108

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 6.046 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.007 min

Lab File: VW029032.D

Acq: 06 Jun 2024 12:42

Tgt Ion:180 Resp: 13426

Ion Ratio Lower Upper

180 100

182 98.6 75.4 113.0

145 35.1 26.6 39.8

