

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029298.D
 Acq On : 21 Jun 2024 12:41
 Operator : SY/MD
 Sample : P2963-24MSD
 Misc : 5.66g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

Quant Time: Jun 21 22:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	431149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126076	21.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.893	69	105435	20.922	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	4.021	65	60513	21.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.000%
21) 2-Butanone-d5	7.075	46	91846	51.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.648	84	298030	23.173	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	169643	22.973	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.880%
32) Benzene-d6	8.270	84	558119	27.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	9.270	67	185279	28.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.880%
41) Toluene-d8	10.318	98	470542	26.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.575	79	66080	25.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.680%
47) 2-Hexanone-d5	10.922	63	61007	60.324	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129164	25.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	99278	25.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74607	17.737	ug/L	98
3) Chloromethane	2.222	50	113597	18.940	ug/L	96
5) Vinyl chloride	2.375	62	128487	18.654	ug/L	96
6) Bromomethane	2.783	94	73493	17.753	ug/L	95
8) Chloroethane	2.930	64	84345	20.021	ug/L	97
9) Trichlorofluoromethane	3.271	101	108435	20.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105638	17.942	ug/L	94
12) 1,1-Dichloroethene	4.045	96	108340	21.686	ug/L	89
13) Acetone	4.118	43	43458	28.642	ug/L	100
14) Carbon disulfide	4.393	76	290118	17.790	ug/L	100
15) Methyl Acetate	4.667	43	58031	19.266	ug/L	100
16) Methylene chloride	4.917	84	151673	20.006	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	118840	21.420	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	218138	24.575	ug/L	98
19) 1,1-Dichloroethane	6.216	63	263537	21.994	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	134427	21.973	ug/L	99
22) 2-Butanone	7.167	43	83102	39.955	ug/L	99
23) Bromochloromethane	7.508	128	59609	21.887	ug/L	97
25) Chloroform	7.673	83	253043	21.626	ug/L	98

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 Response via : Initial Calibration

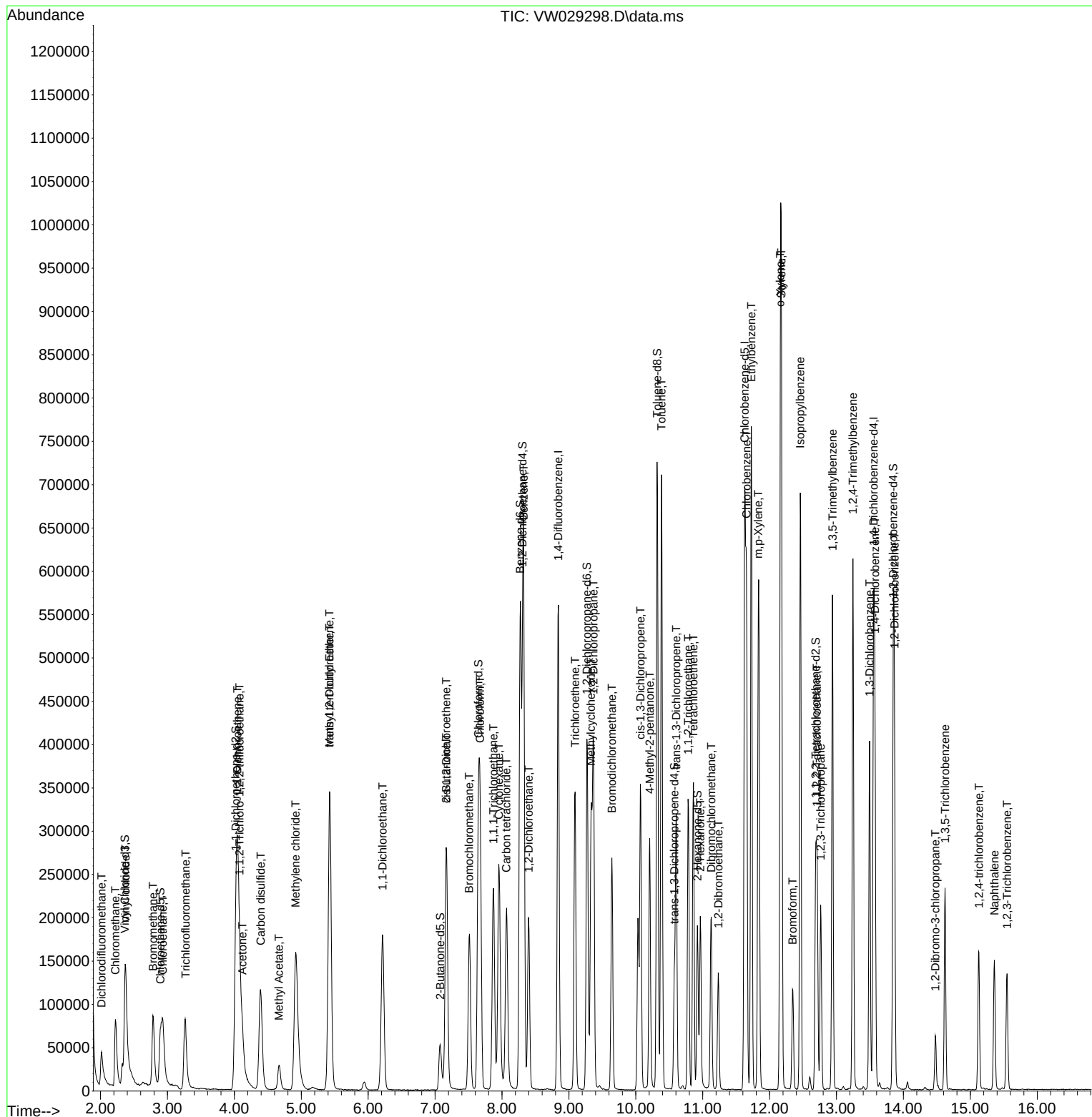
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181398	21.021	ug/L	100
29) Cyclohexane	7.953	56	152397	19.951	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	188421	25.360	ug/L	98
31) Carbon tetrachloride	8.063	117	157803	23.250	ug/L	96
33) Benzene	8.325	78	521961	25.999	ug/L	100
34) Trichloroethene	9.093	95	124391	23.224	ug/L	96
35) Methylcyclohexane	9.331	83	121564	14.431	ug/L	98
37) 1,2-Dichloropropane	9.367	63	151570	26.868	ug/L	98
38) Bromodichloromethane	9.642	83	178563	25.888	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	198021	24.832	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	194997	55.769	ug/L	97
42) Toluene	10.386	91	491767	23.827	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	167776	24.917	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	100977	25.701	ug/L	96
46) Tetrachloroethene	10.861	164	74871	19.996	ug/L	86
48) 2-Hexanone	10.965	43	128870	51.942	ug/L	98
49) Dibromochloromethane	11.129	129	102898	25.054	ug/L	96
50) 1,2-Dibromoethane	11.233	107	88577	25.115	ug/L	98
51) Chlorobenzene	11.654	112	279775	20.875	ug/L	96
52) Ethylbenzene	11.727	91	513430	21.915	ug/L	98
53) m,p-Xylene	11.830	106	177395	20.730	ug/L	98
54) o-Xylene	12.160	106	178241	22.287	ug/L	100
55) Styrene	12.178	104	292068	20.945	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	111765	22.997	ug/L	97
59) Bromoform	12.342	173	53268	34.864	ug/L	99
60) Isopropylbenzene	12.458	105	421049	28.346	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	87279	35.895	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	283637	26.366	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	307768	26.590	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	148455	23.095	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	148428	21.702	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	134944	22.708	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	16306	28.737	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	65114	15.009	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	48043	13.661	ug/L	96
71) Naphthalene	15.360	128	121414	17.492	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	41142	12.839	ug/L	96

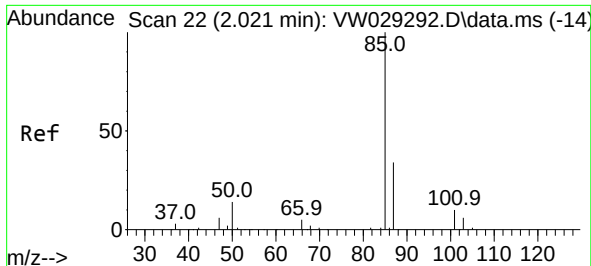
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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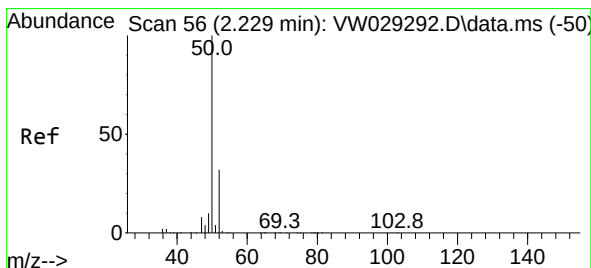
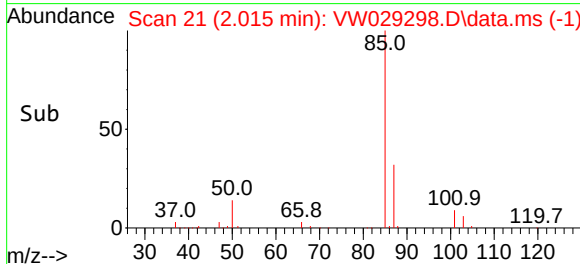
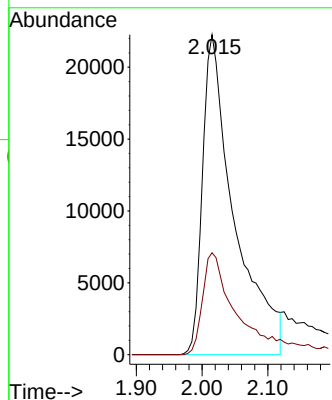
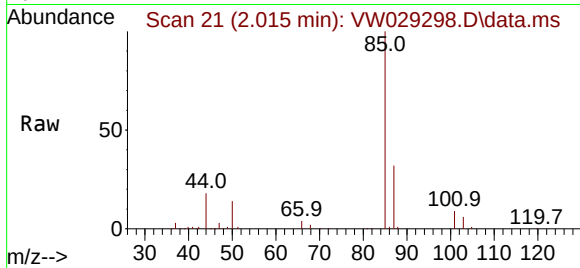




#2
 Dichlorodifluoromethane
 Concen: 17.737 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

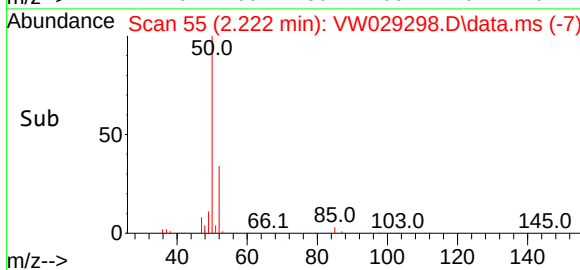
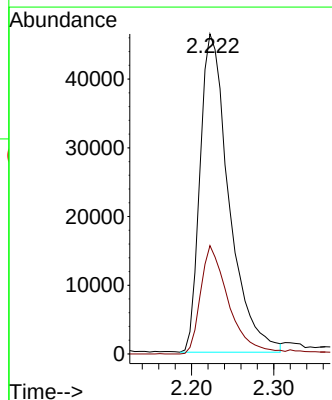
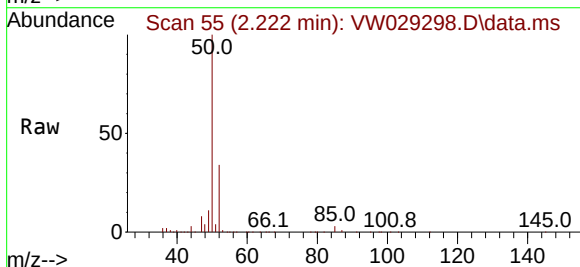
Instrument :
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 ClientSampleId :
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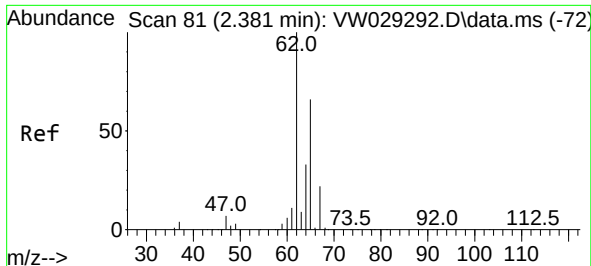
Tgt Ion: 85 Resp: 74607
 Ion Ratio Lower Upper
 85 100
 87 31.0 23.8 35.6



#3
 Chloromethane
 Concen: 18.940 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

Tgt Ion: 50 Resp: 113597
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.3 41.5

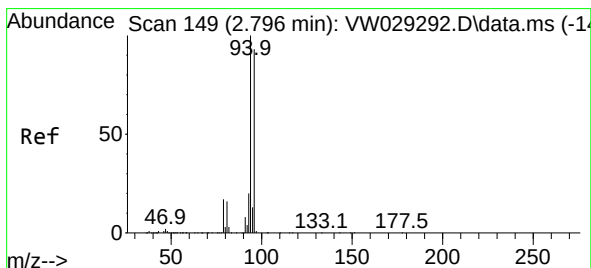
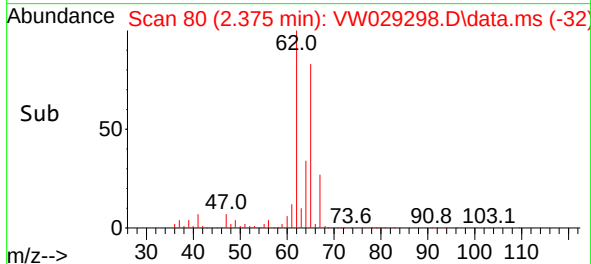
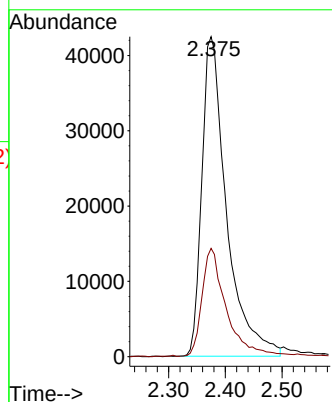
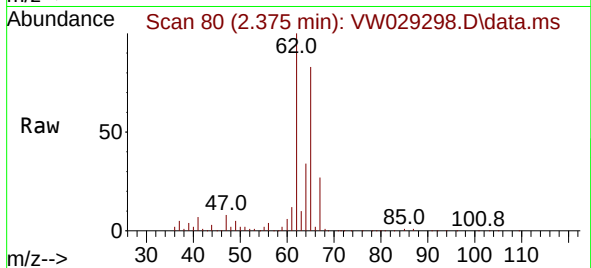




#5
 Vinyl chloride
 Concen: 18.654 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

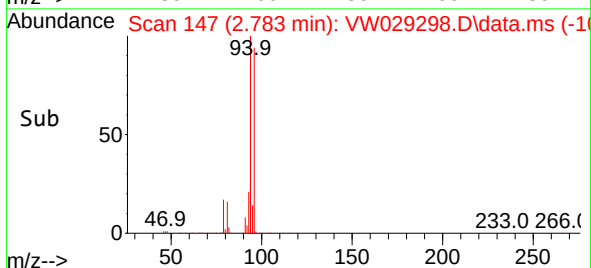
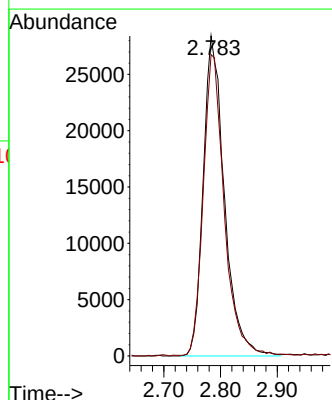
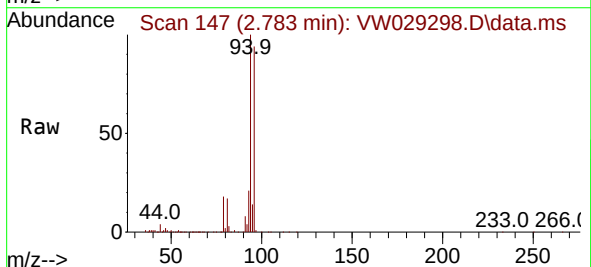
Instrument :
 MSVOA_W
 ClientSampleId :
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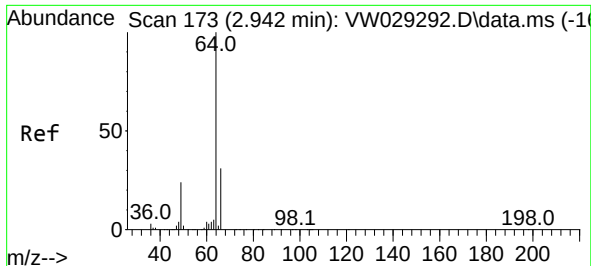
Tgt Ion: 62 Resp: 128487
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.0 40.8



#6
 Bromomethane
 Concen: 17.753 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.012 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

Tgt Ion: 94 Resp: 73493
 Ion Ratio Lower Upper
 94 100
 96 94.2 69.5 129.1

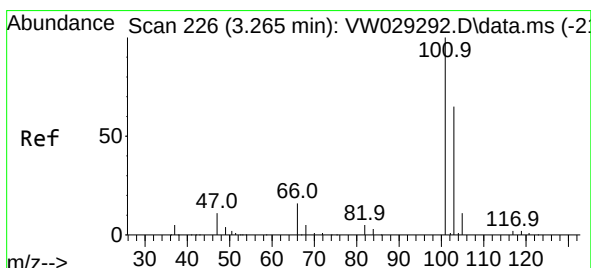
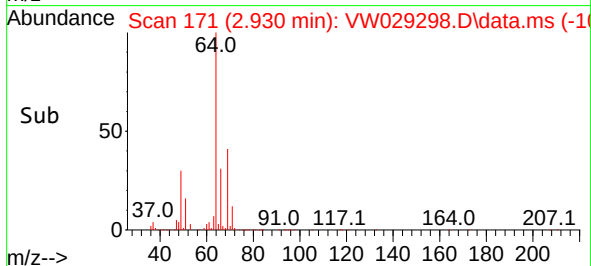
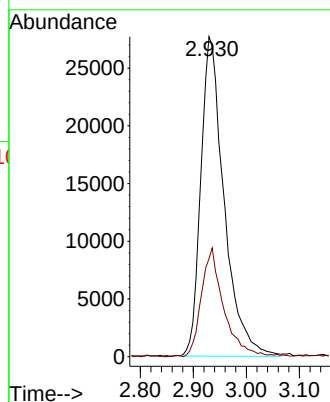
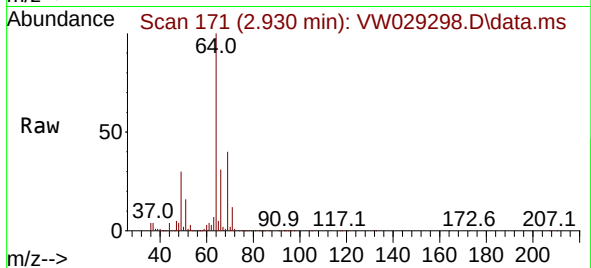




#8
Chloroethane
Concen: 20.021 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

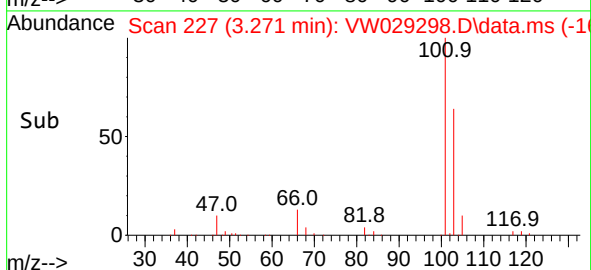
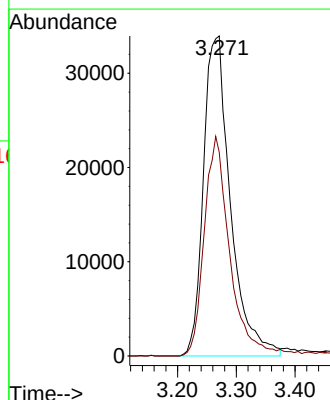
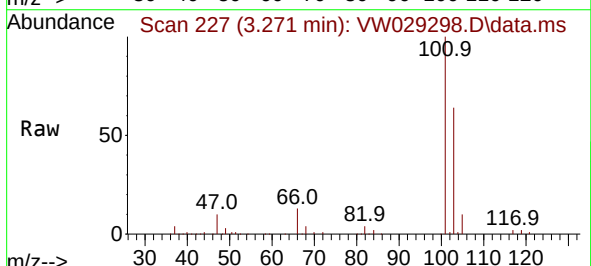
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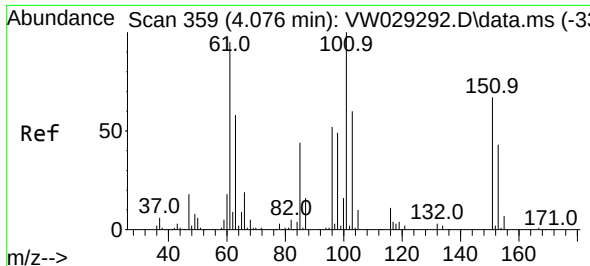
Tgt Ion: 64 Resp: 84345
Ion Ratio Lower Upper
64 100
66 30.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 20.306 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion:101 Resp: 108435
Ion Ratio Lower Upper
101 100
103 64.6 50.8 76.2

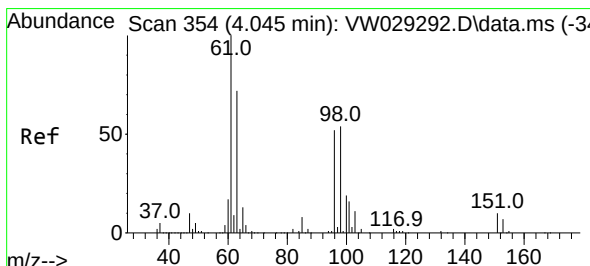
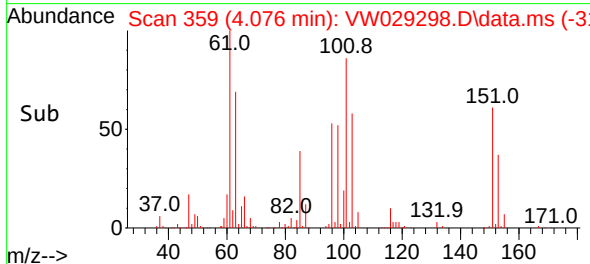
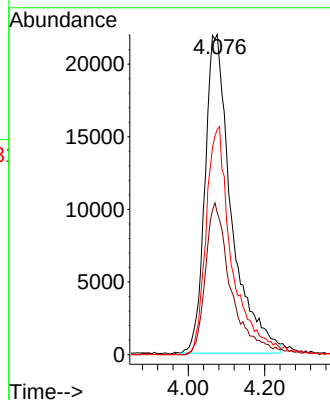
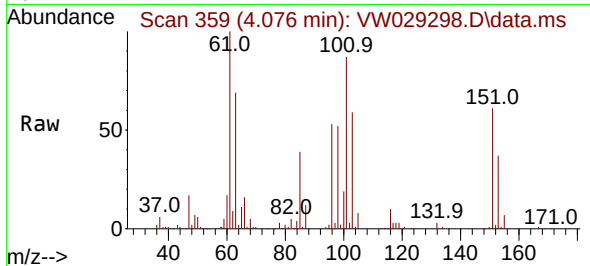




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.942 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW029298.D
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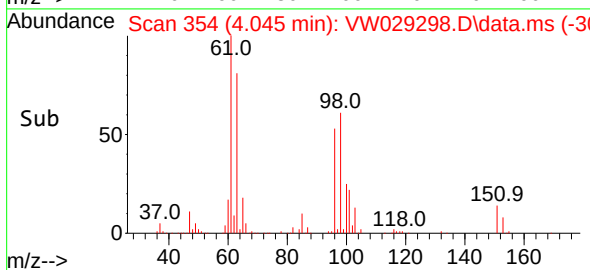
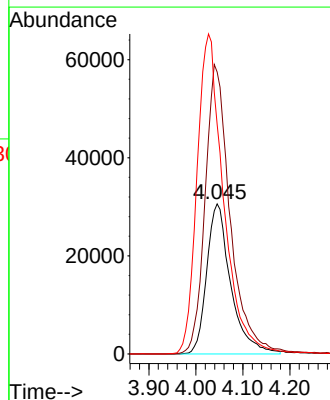
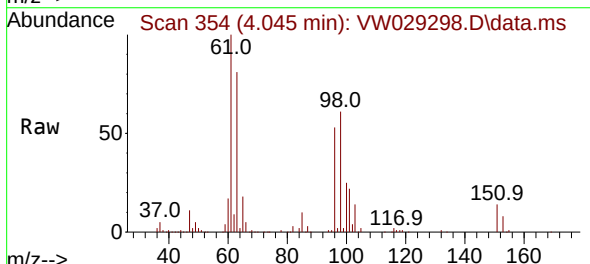
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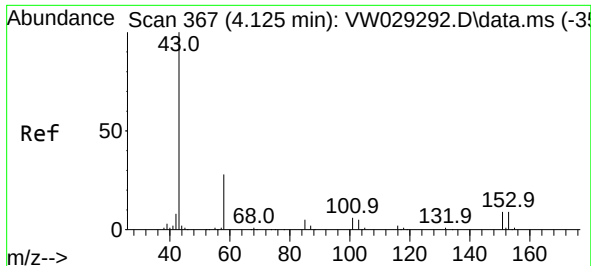
Tgt Ion:101 Resp: 105638
 Ion Ratio Lower Upper
 101 100
 85 43.0 30.2 45.2
 151 68.5 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 21.686 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029298.D
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Tgt Ion: 96 Resp: 108340
 Ion Ratio Lower Upper
 96 100
 61 188.0 140.1 260.3
 63 152.9 122.0 226.6

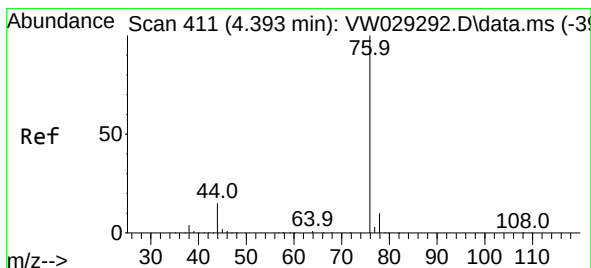
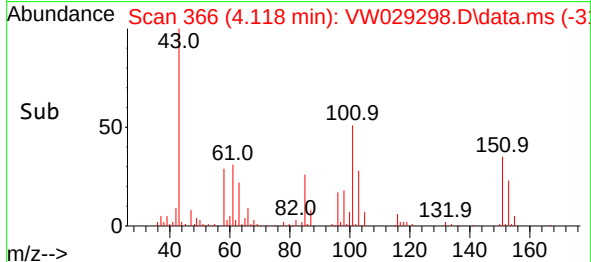
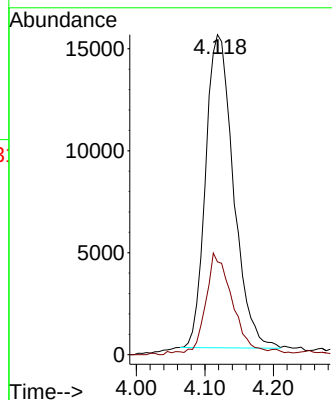
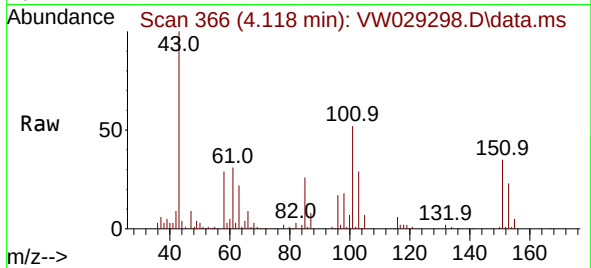




#13
Acetone
Concen: 28.642 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029298.D
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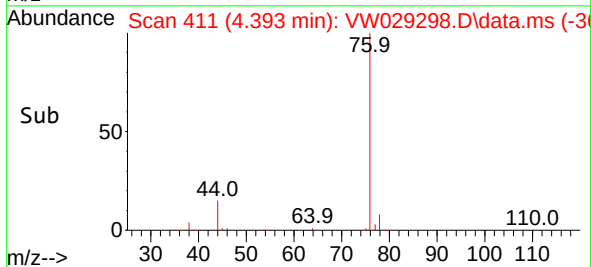
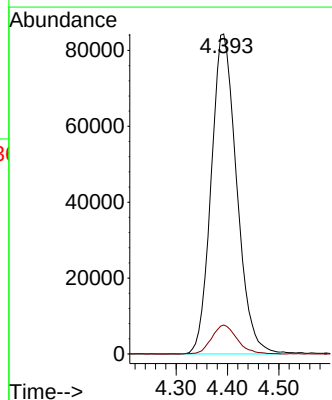
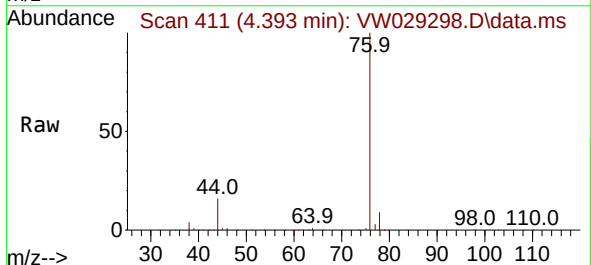
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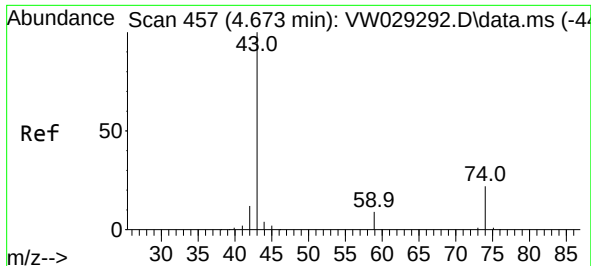
Tgt Ion: 43 Resp: 43458
Ion Ratio Lower Upper
43 100
58 30.9 0.0 61.4



#14
Carbon disulfide
Concen: 17.790 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 290118
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

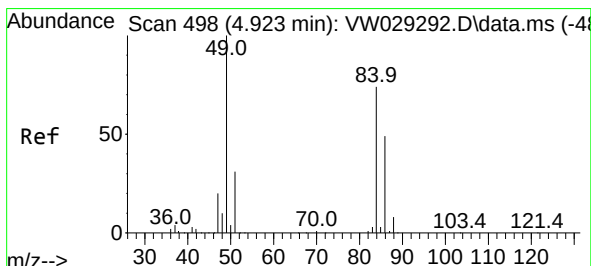
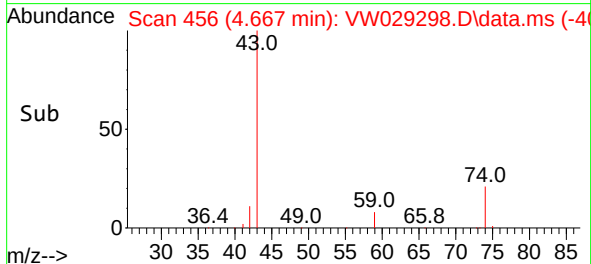
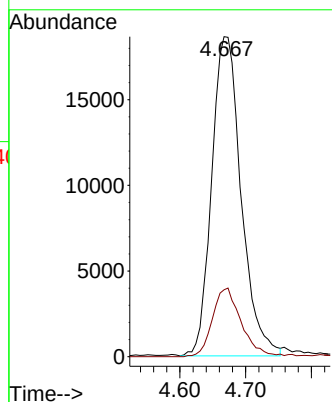
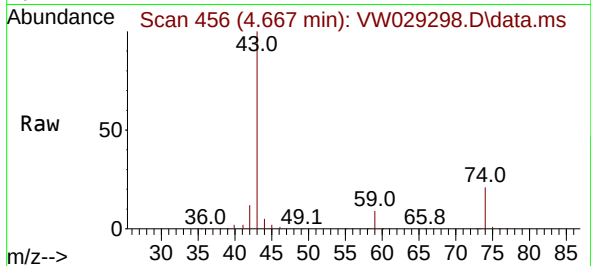




#15
Methyl Acetate
Concen: 19.266 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

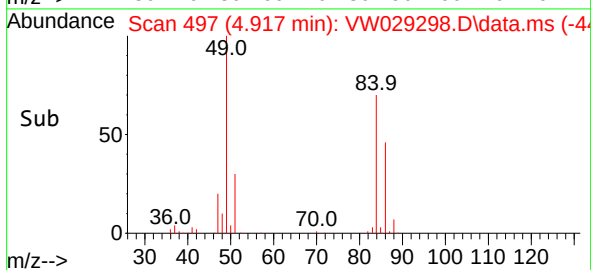
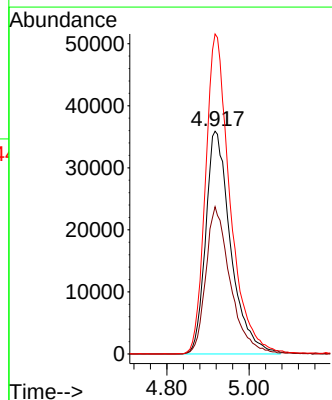
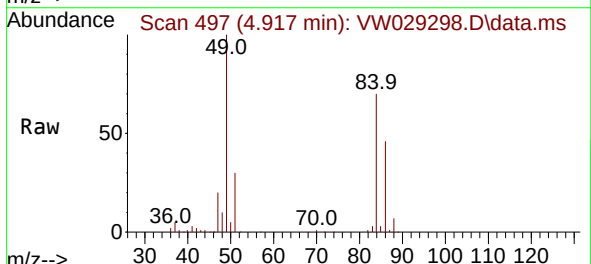
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

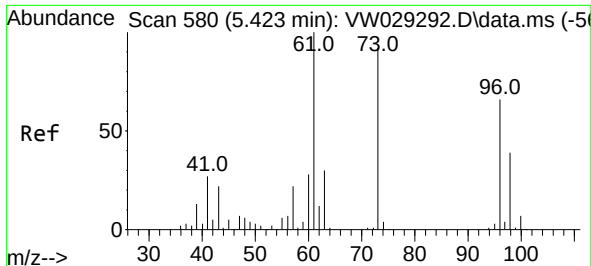
Tgt Ion: 43 Resp: 58031
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 20.006 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion: 84 Resp: 151673
Ion Ratio Lower Upper
84 100
86 66.1 41.4 77.0
49 143.6 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 21.420 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

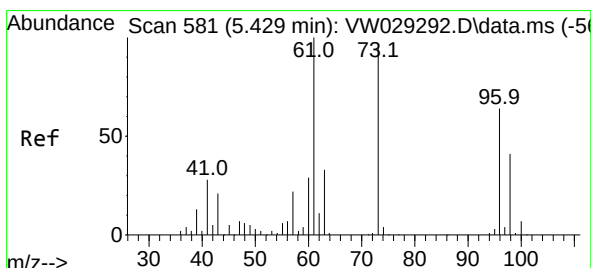
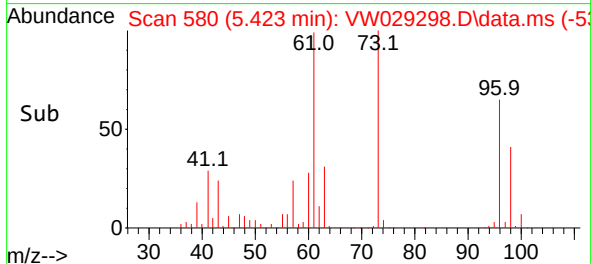
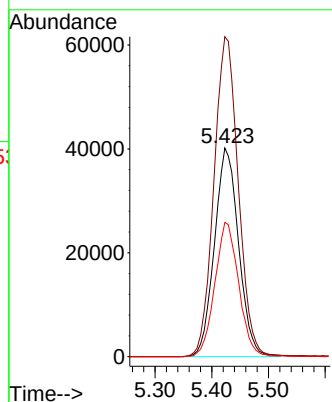
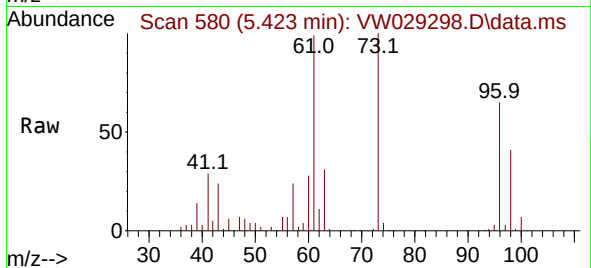
Tgt Ion: 96 Resp: 118840

Ion Ratio Lower Upper

96 100

61 153.4 101.5 188.5

98 64.3 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.575 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

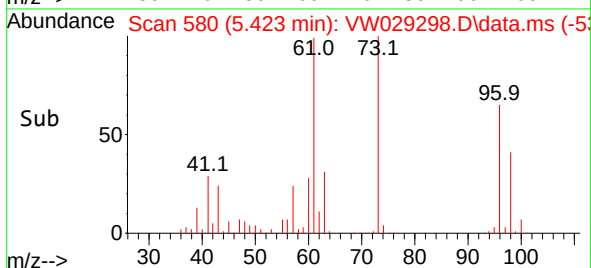
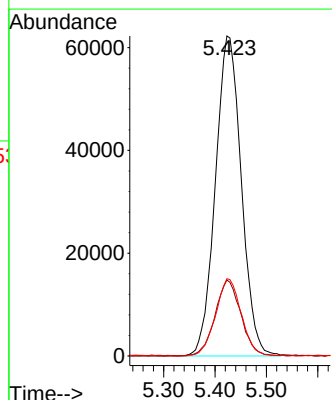
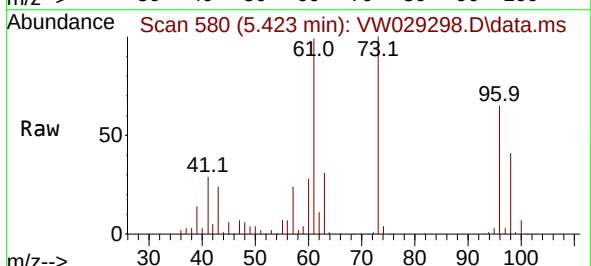
Tgt Ion: 73 Resp: 218138

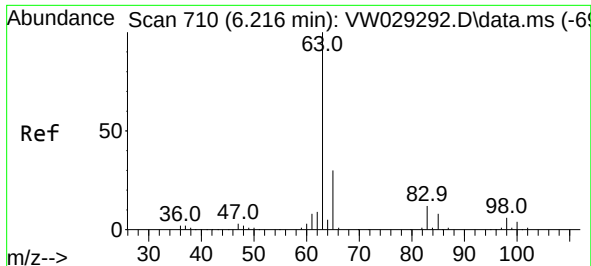
Ion Ratio Lower Upper

73 100

43 23.4 19.5 29.3

57 23.9 18.4 27.6





#19

1,1-Dichloroethane

Concen: 21.994 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

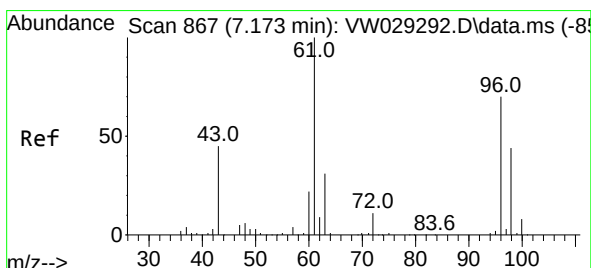
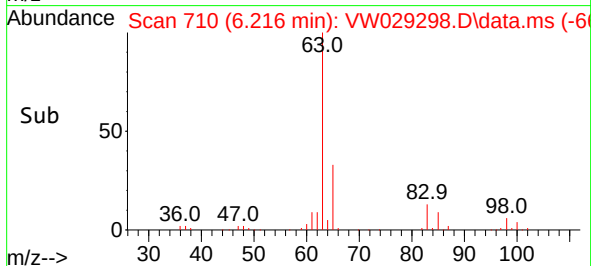
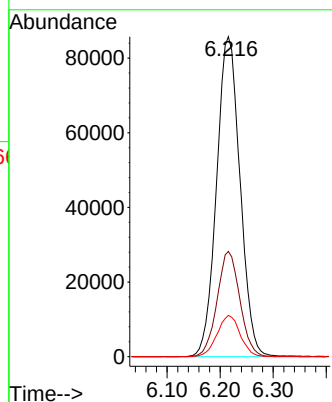
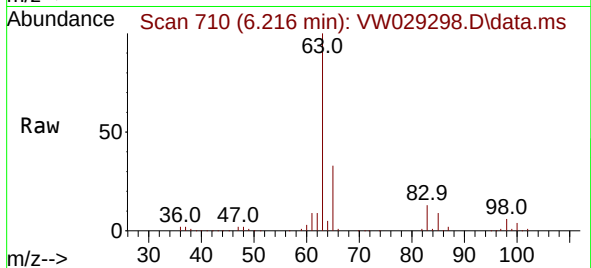
Tgt Ion: 63 Resp: 263537

Ion Ratio Lower Upper

63 100

65 32.9 23.4 43.4

83 12.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 21.973 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

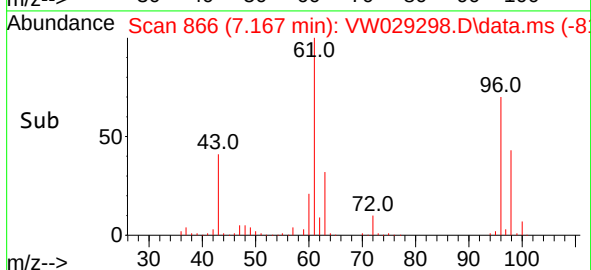
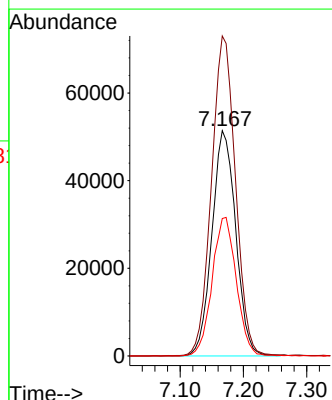
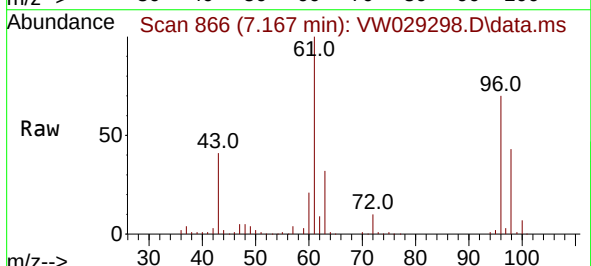
Tgt Ion: 96 Resp: 134427

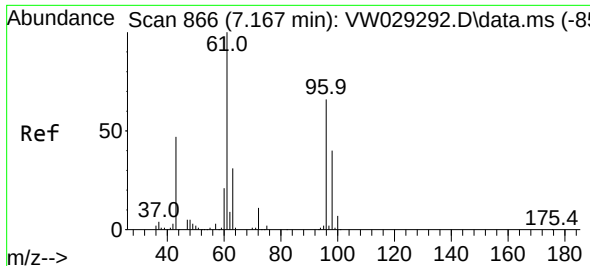
Ion Ratio Lower Upper

96 100

61 142.1 97.8 181.6

98 61.0 43.0 79.8

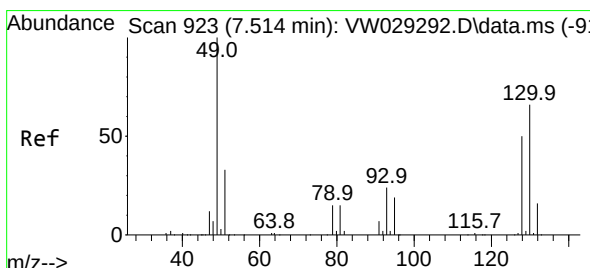
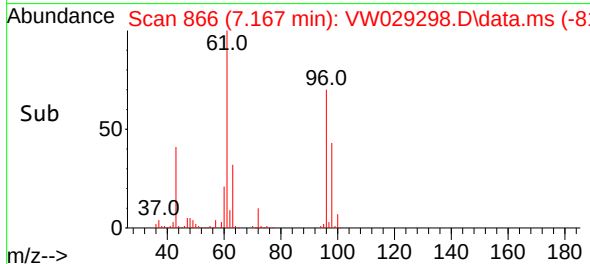
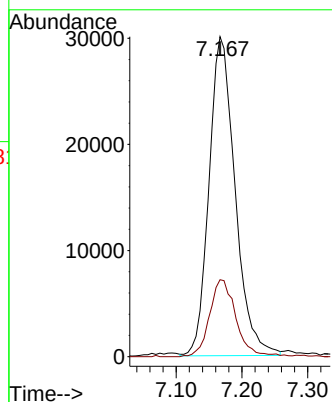
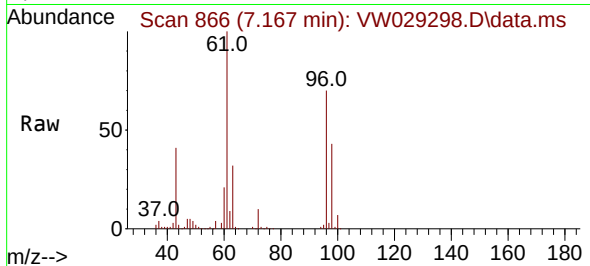




#22
2-Butanone
Concen: 39.955 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

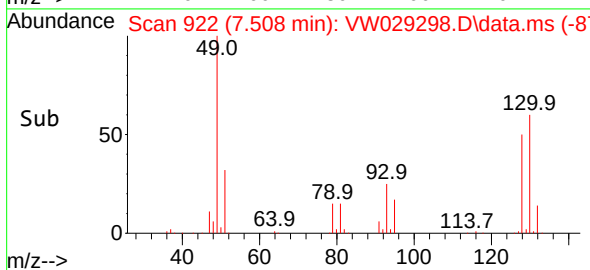
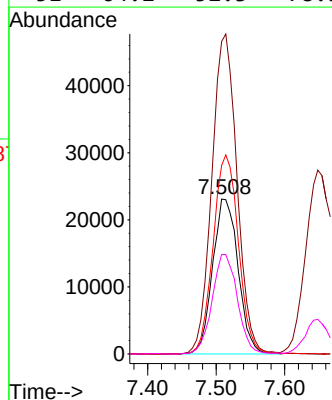
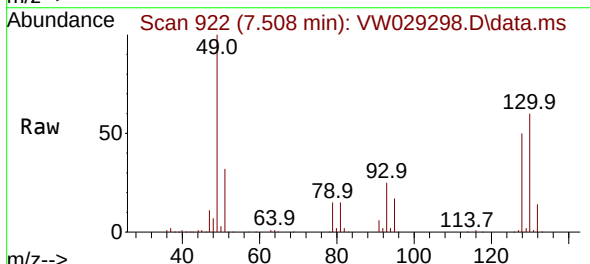
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

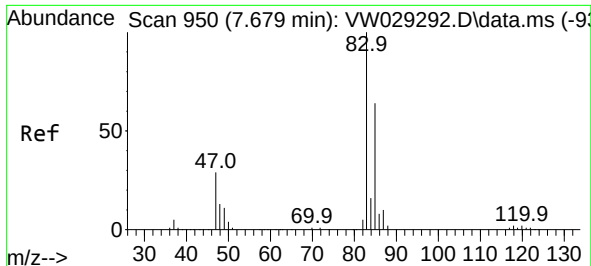
Tgt Ion: 43 Resp: 83102
Ion Ratio Lower Upper
43 100
72 24.1 11.9 35.7



#23
Bromochloromethane
Concen: 21.887 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion: 128 Resp: 59609
Ion Ratio Lower Upper
128 100
49 201.7 142.6 264.8
130 121.6 79.7 148.1
51 64.2 52.3 78.5

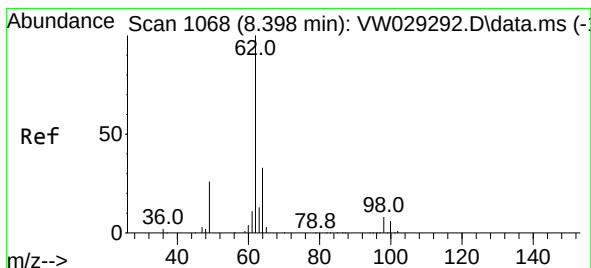
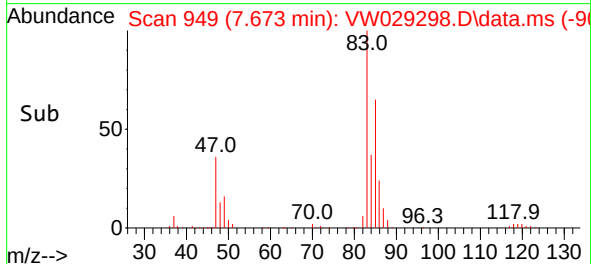
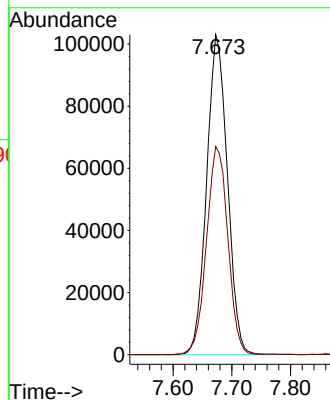
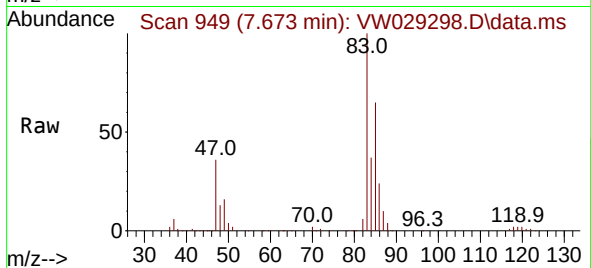




#25
Chloroform
Concen: 21.626 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

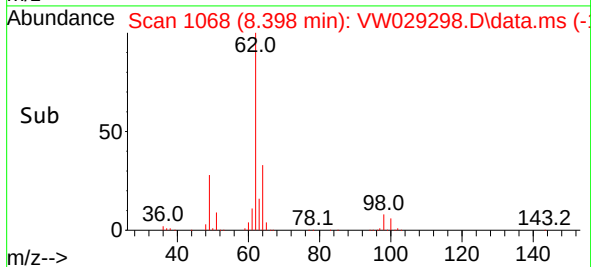
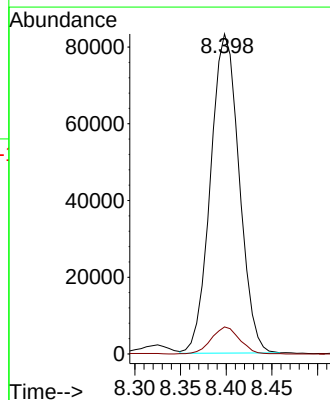
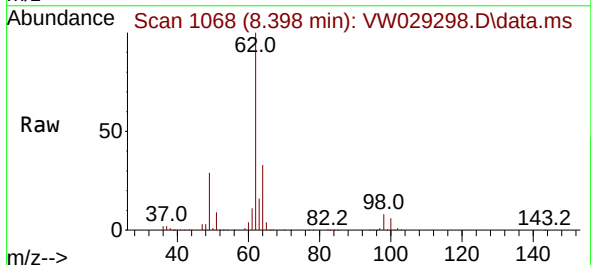
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

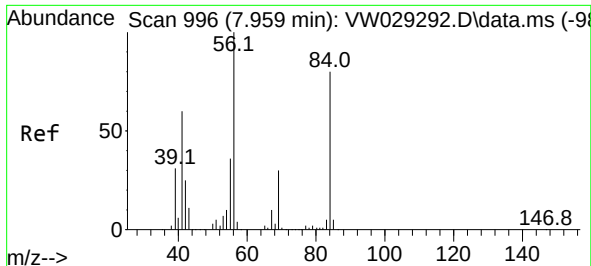
Tgt Ion: 83 Resp: 253043
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.4



#27
1,2-Dichloroethane
Concen: 21.021 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion: 62 Resp: 181398
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 19.951 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

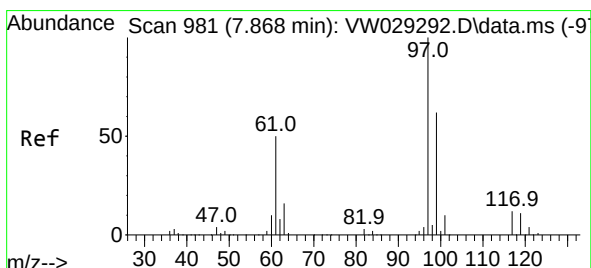
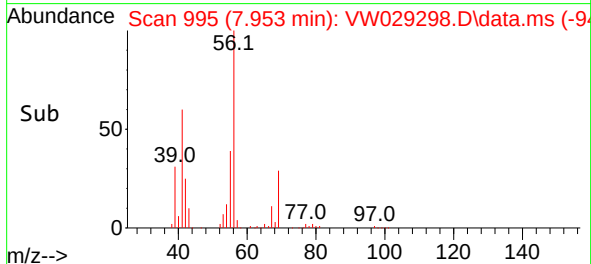
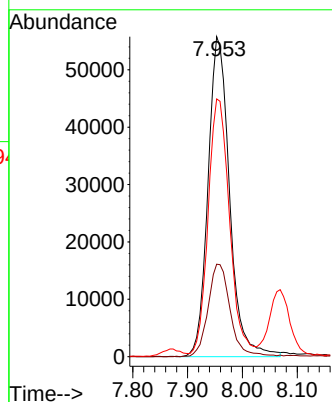
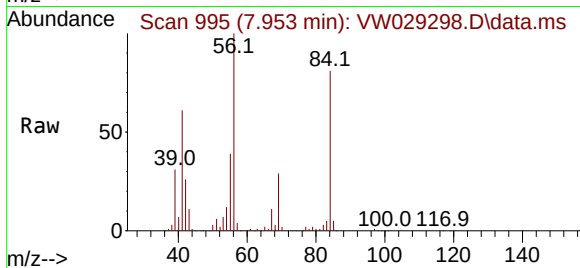
Tgt Ion: 56 Resp: 152397

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

84 80.3 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 25.360 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

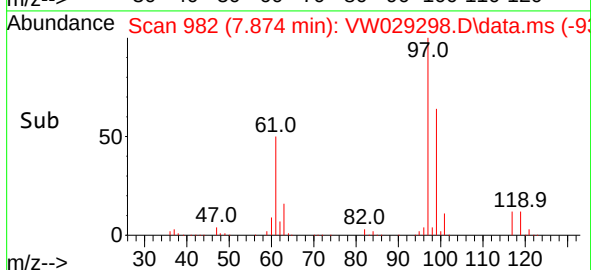
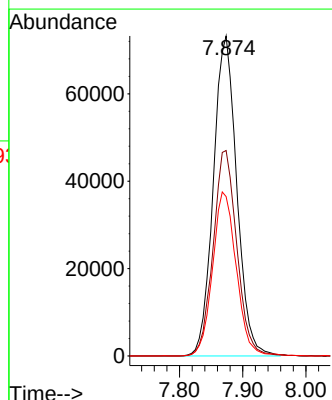
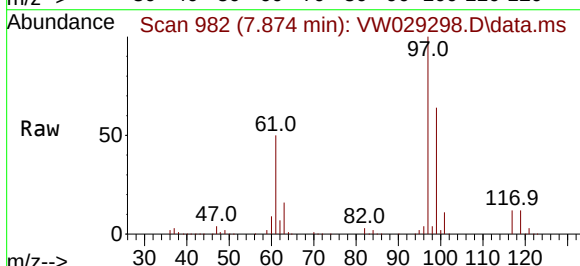
Tgt Ion: 97 Resp: 188421

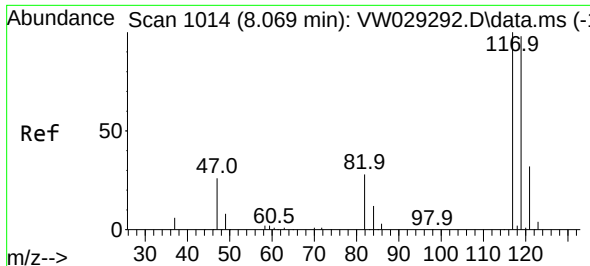
Ion Ratio Lower Upper

97 100

99 64.9 53.0 79.4

61 51.6 43.0 64.4

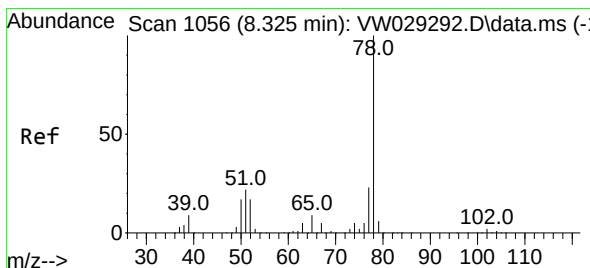
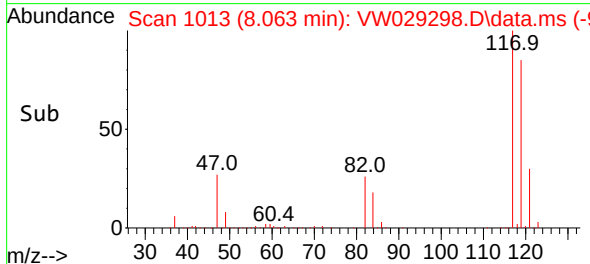
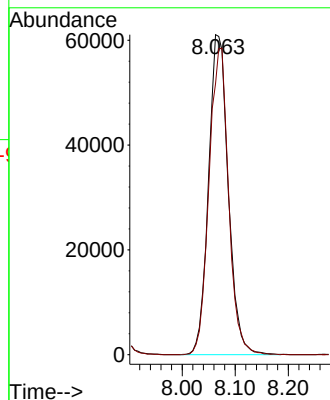
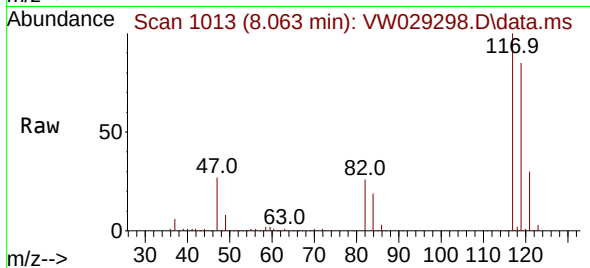




#31
Carbon tetrachloride
Concen: 23.250 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

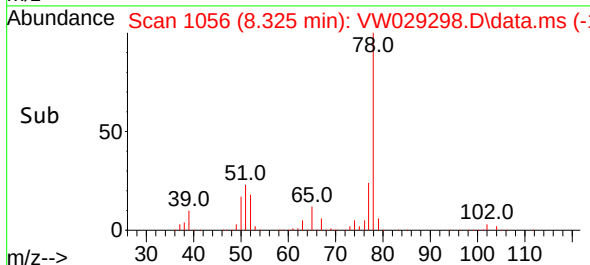
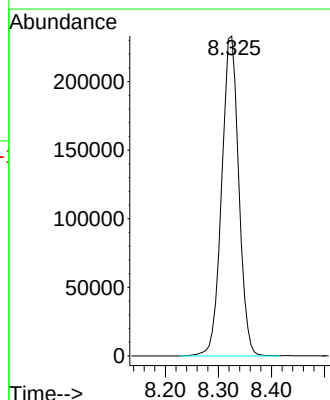
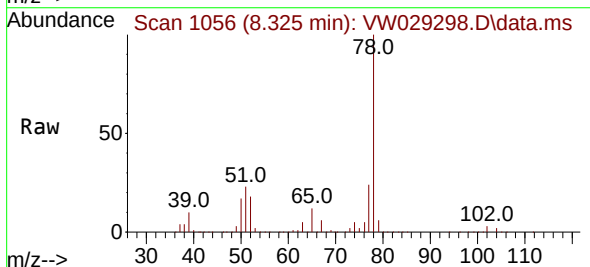
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

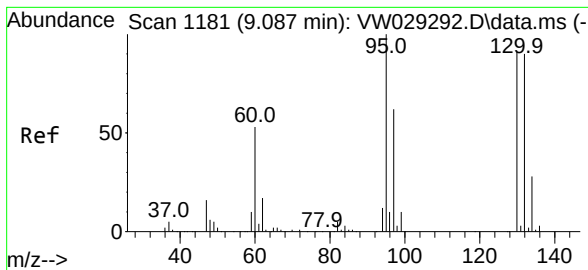
Tgt Ion:117 Resp: 157803
Ion Ratio Lower Upper
117 100
119 95.1 79.0 118.4



#33
Benzene
Concen: 25.999 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion: 78 Resp: 521961





#34

Trichloroethene

Concen: 23.224 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

Tgt Ion: 95 Resp: 124391

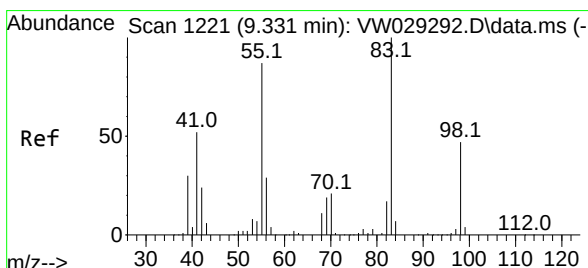
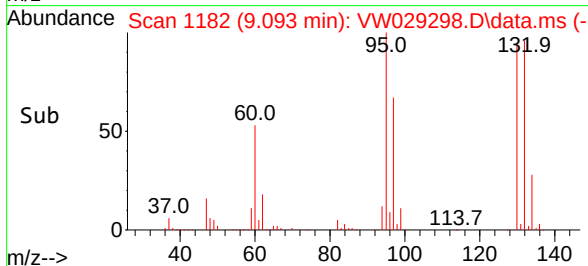
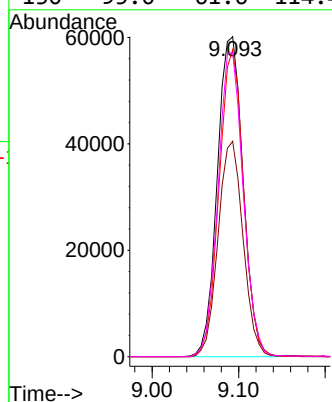
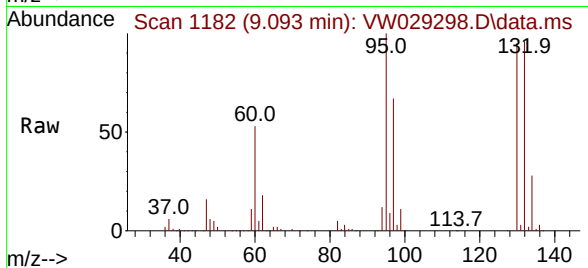
Ion Ratio Lower Upper

95 100

97 67.3 45.7 84.9

132 95.9 66.4 123.4

130 95.0 61.6 114.4



#35

Methylcyclohexane

Concen: 14.431 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

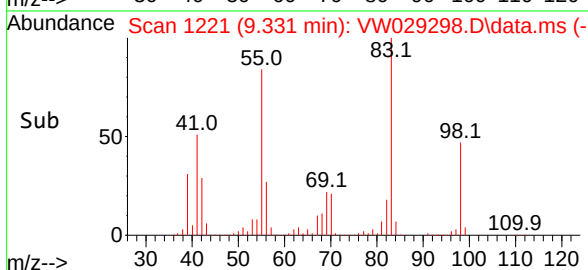
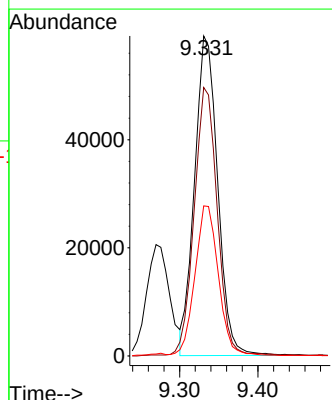
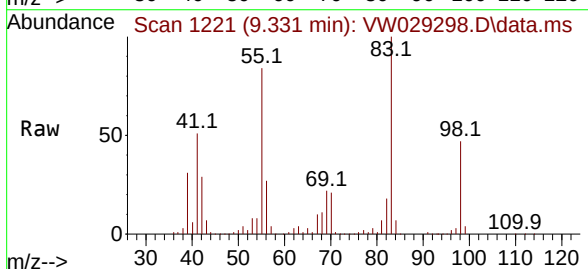
Tgt Ion: 83 Resp: 121564

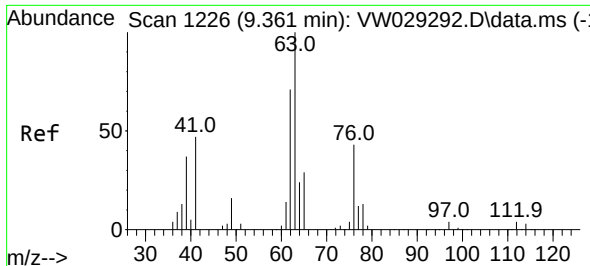
Ion Ratio Lower Upper

83 100

55 83.8 69.5 104.3

98 48.0 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.868 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

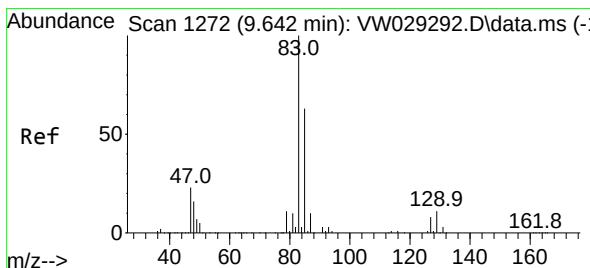
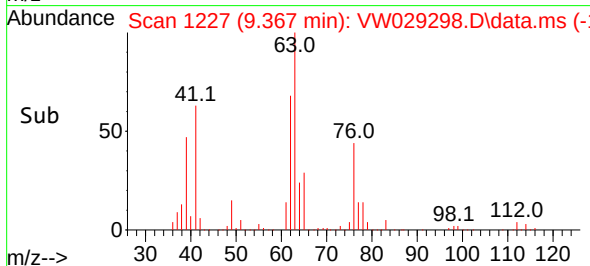
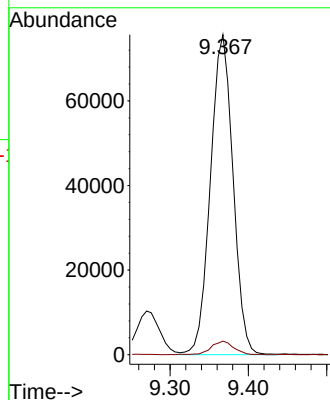
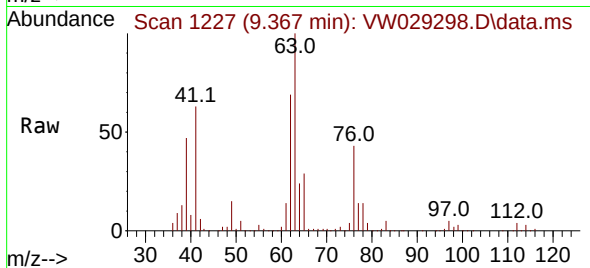
A4CS3MSD

Tgt Ion: 63 Resp: 151570

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 25.888 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

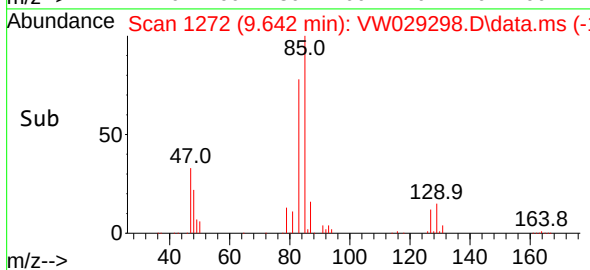
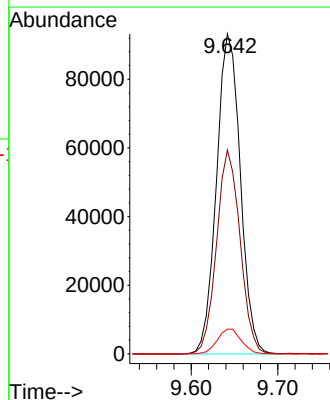
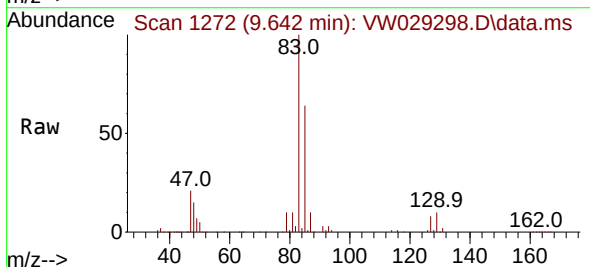
Tgt Ion: 83 Resp: 178563

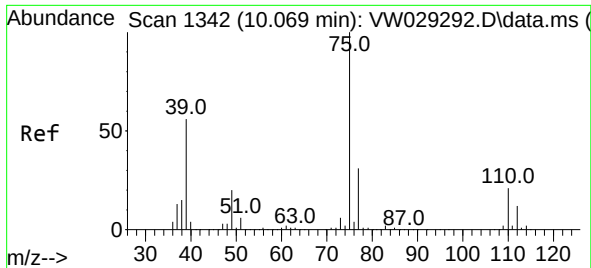
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

127 7.7 5.8 8.6

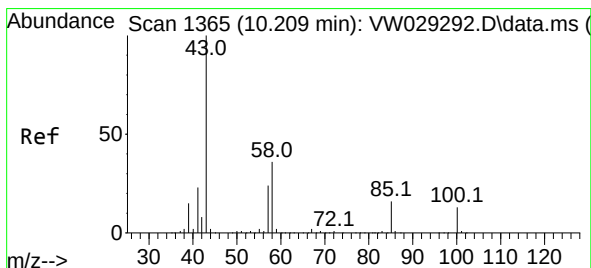
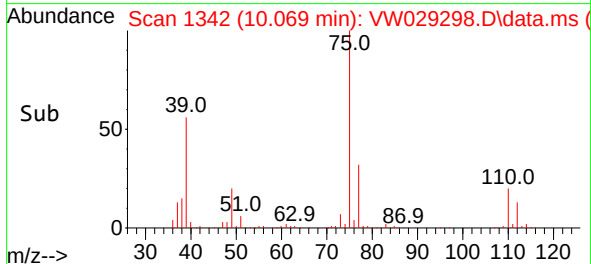
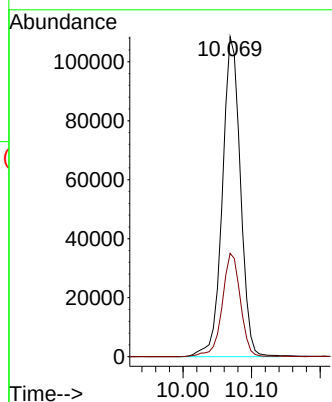
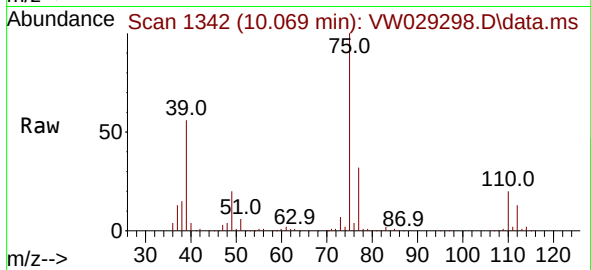




#39
 cis-1,3-Dichloropropene
 Concen: 24.832 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

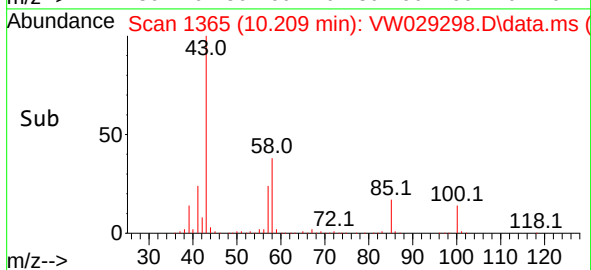
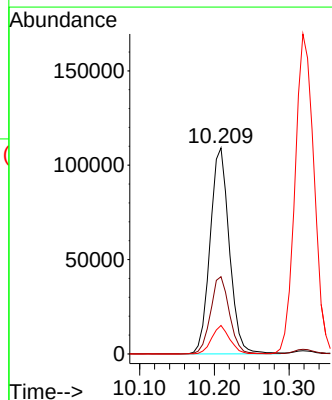
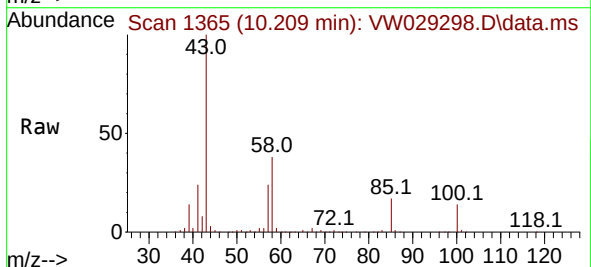
Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

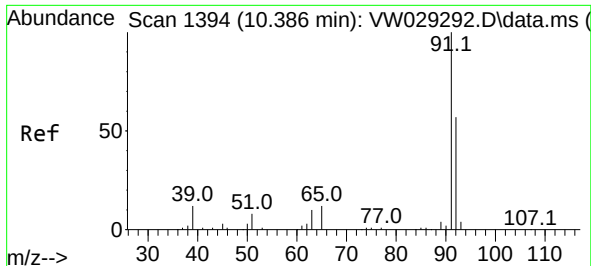
Tgt Ion: 75 Resp: 198021
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 55.769 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

Tgt Ion: 43 Resp: 194997
 Ion Ratio Lower Upper
 43 100
 58 37.1 28.2 42.4
 100 13.1 11.0 16.4

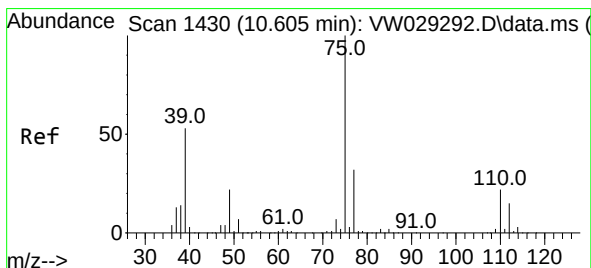
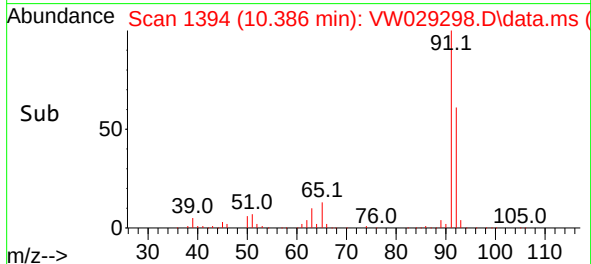
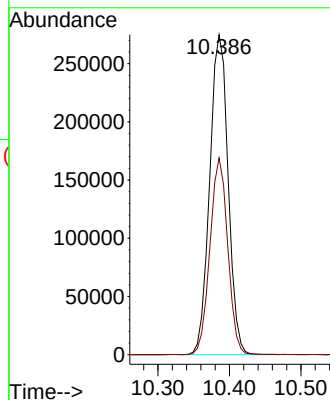
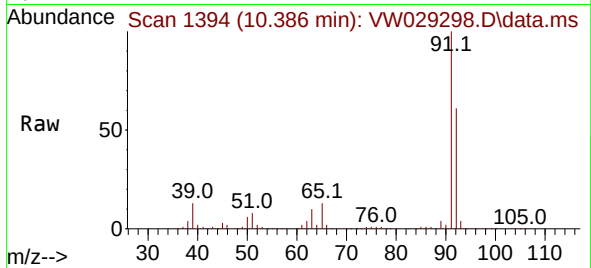




#42
Toluene
Concen: 23.827 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

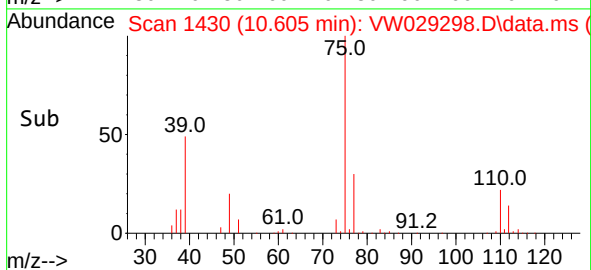
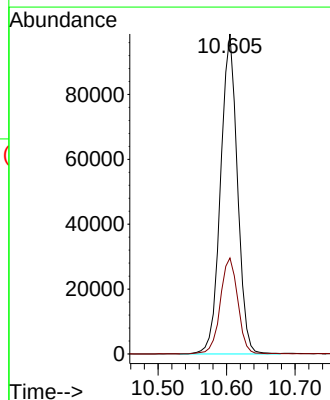
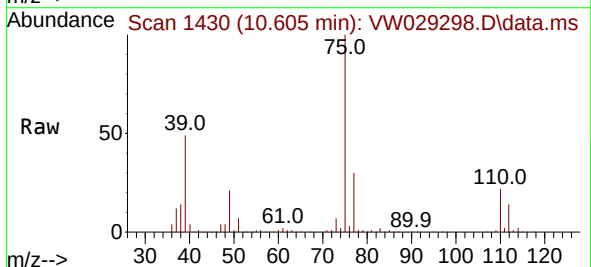
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

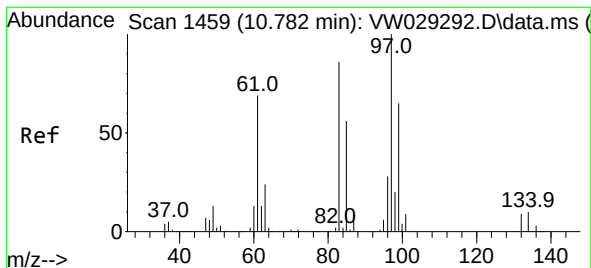
Tgt Ion: 91 Resp: 491767
Ion Ratio Lower Upper
91 100
92 61.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.917 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion: 75 Resp: 167776
Ion Ratio Lower Upper
75 100
77 30.0 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.701 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

Tgt Ion: 97 Resp: 100977

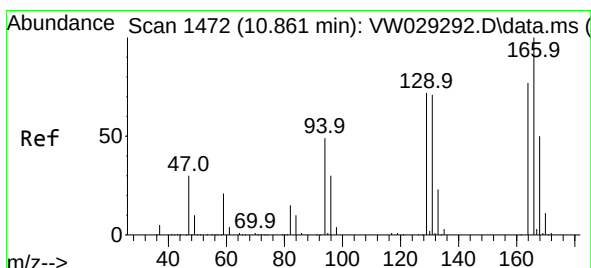
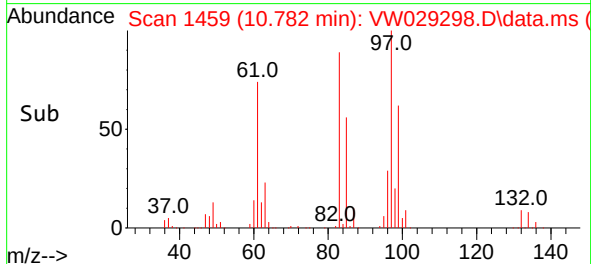
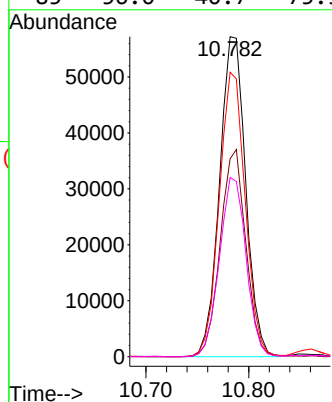
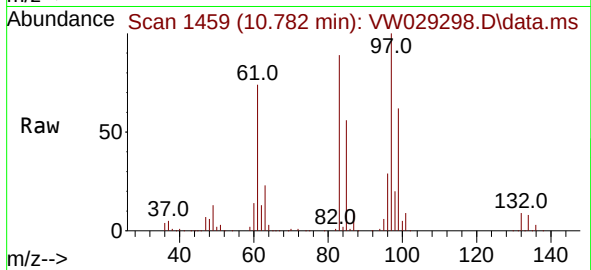
Ion Ratio Lower Upper

97 100

99 61.8 42.3 78.5

83 88.9 57.7 107.1

85 56.0 40.7 75.5



#46

Tetrachloroethene

Concen: 19.996 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Tgt Ion:164 Resp: 74871

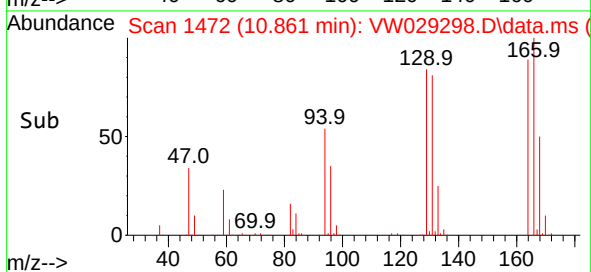
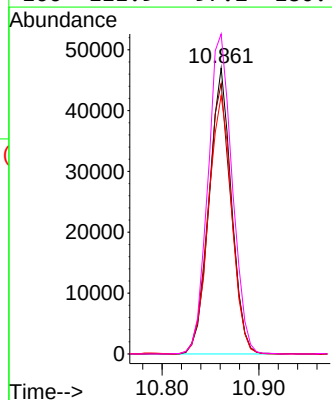
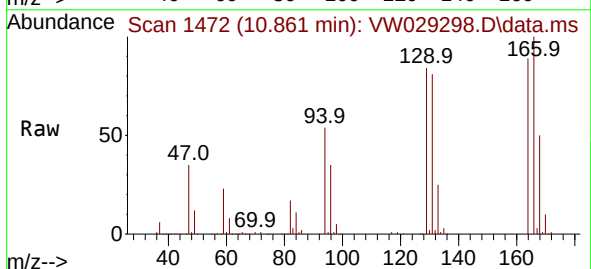
Ion Ratio Lower Upper

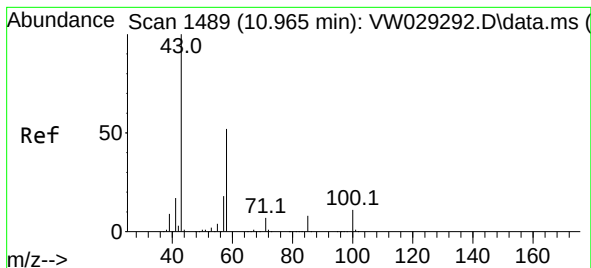
164 100

129 94.6 68.5 127.3

131 90.4 71.8 133.4

166 111.9 97.2 180.4





#48

2-Hexanone

Concen: 51.942 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

Tgt Ion: 43 Resp: 128870

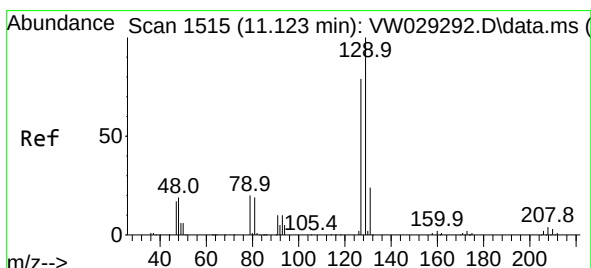
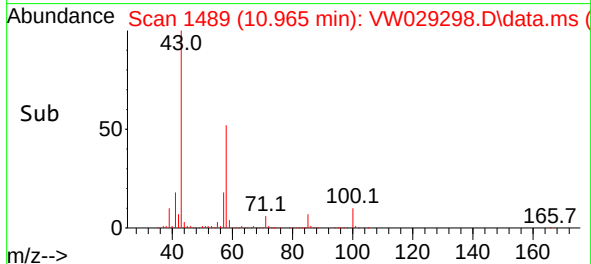
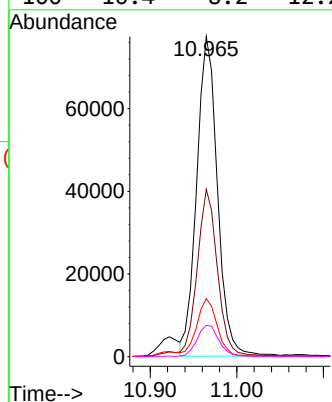
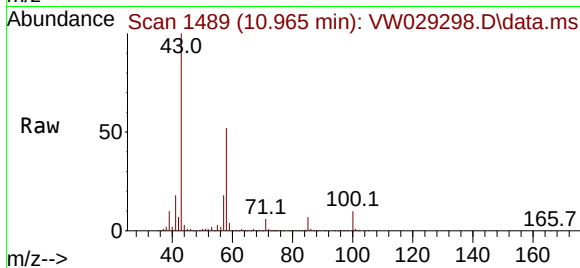
Ion Ratio Lower Upper

43 100

58 50.9 39.6 59.4

57 18.0 14.6 21.8

100 10.4 8.2 12.2



#49

Dibromochloromethane

Concen: 25.054 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029298.D

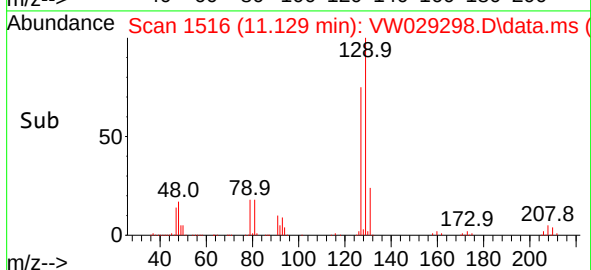
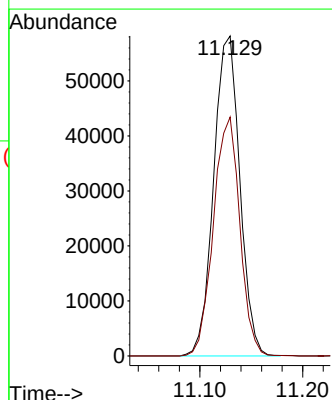
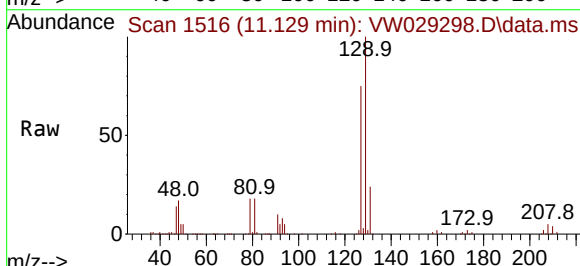
Acq: 21 Jun 2024 12:41

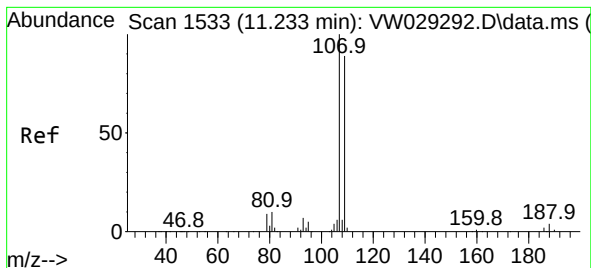
Tgt Ion: 129 Resp: 102898

Ion Ratio Lower Upper

129 100

127 74.7 54.8 101.8

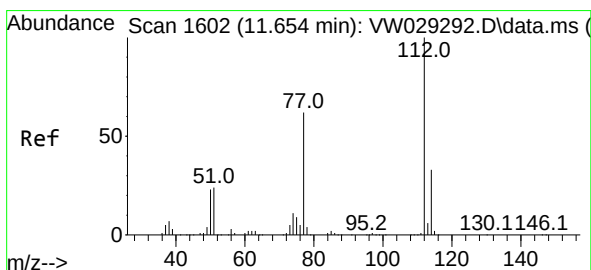
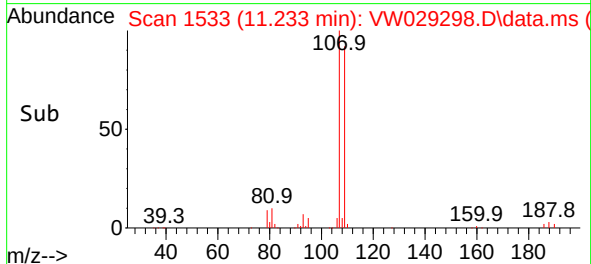
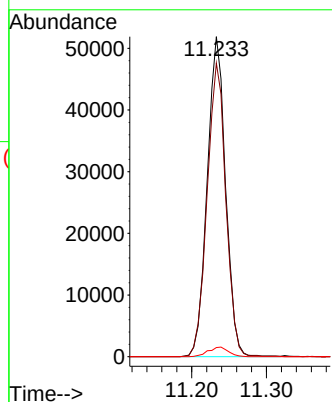
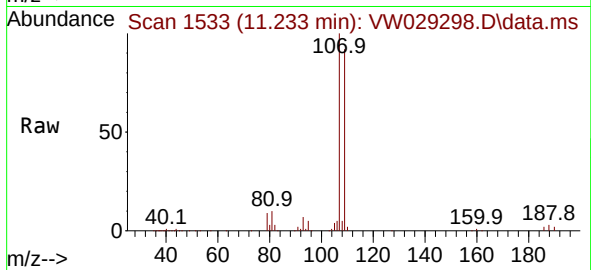




#50
1,2-Dibromoethane
Concen: 25.115 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

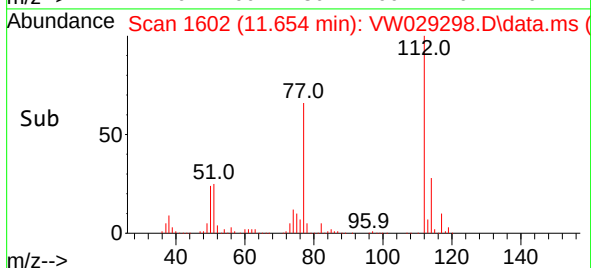
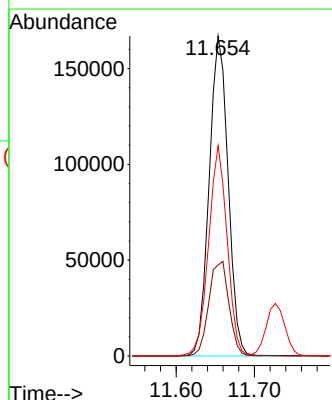
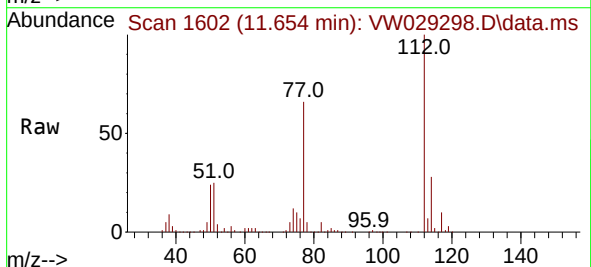
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

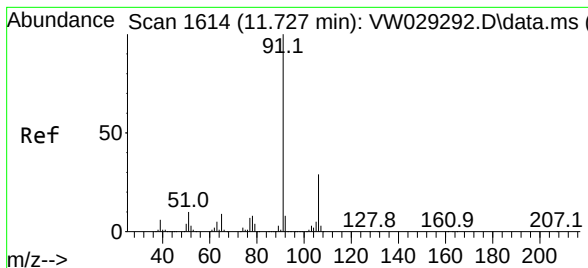
Tgt Ion:107 Resp: 88577
Ion Ratio Lower Upper
107 100
109 91.8 65.5 121.6
188 2.8 2.6 4.0



#51
Chlorobenzene
Concen: 20.875 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion:112 Resp: 279775
Ion Ratio Lower Upper
112 100
114 28.4 22.6 42.0
77 65.7 51.0 76.6

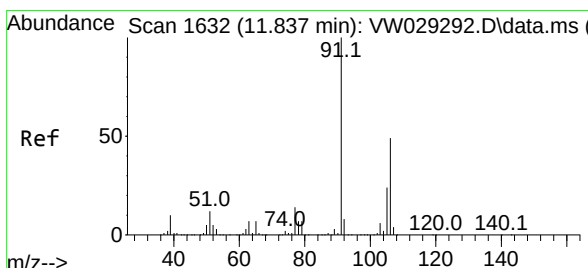
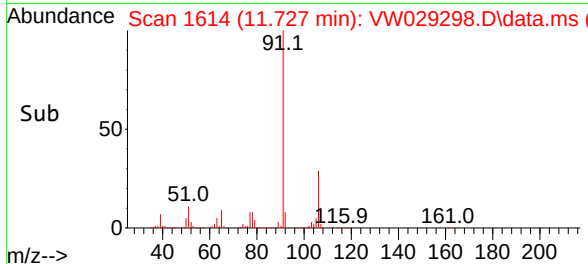
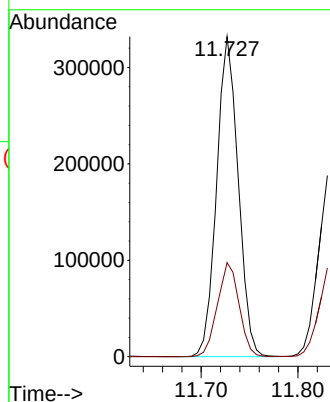
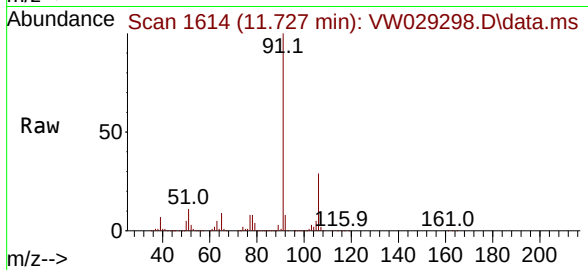




#52
Ethylbenzene
Concen: 21.915 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

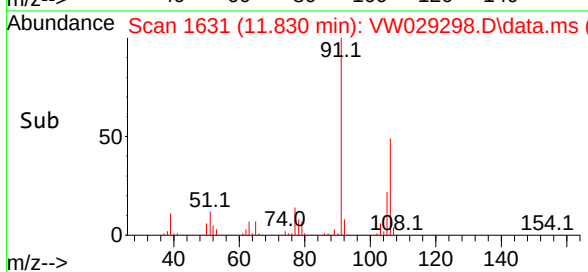
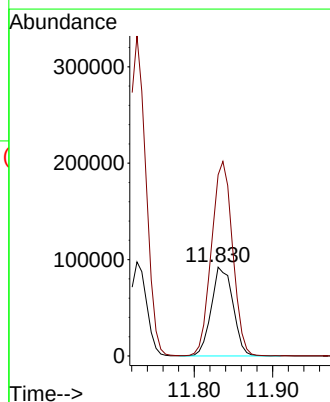
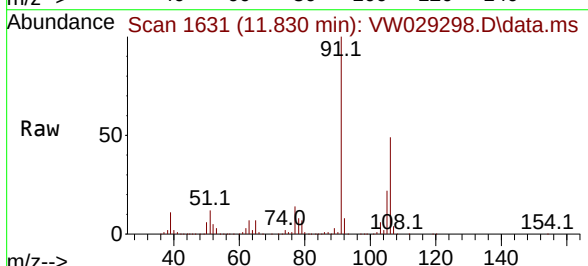
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

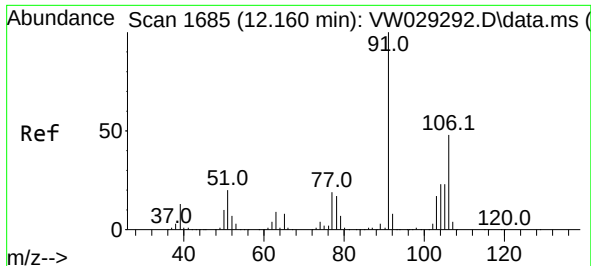
Tgt Ion: 91 Resp: 513430
Ion Ratio Lower Upper
91 100
106 29.4 19.9 37.0



#53
m,p-Xylene
Concen: 20.730 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion: 106 Resp: 177395
Ion Ratio Lower Upper
106 100
91 203.9 140.5 260.9

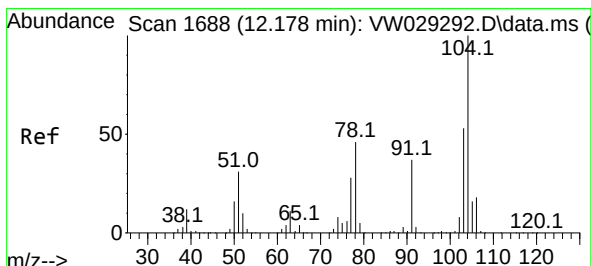
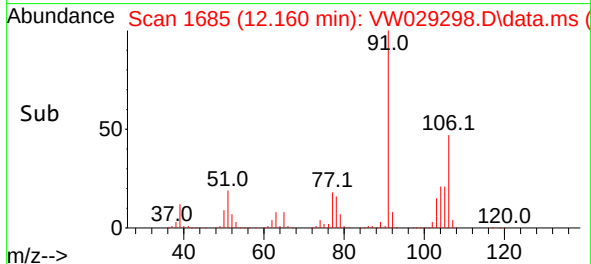
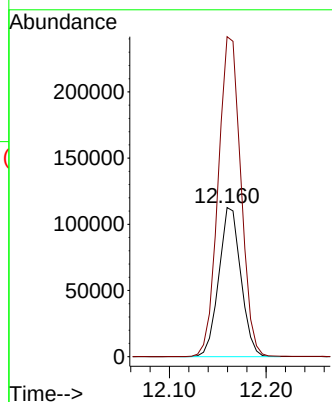
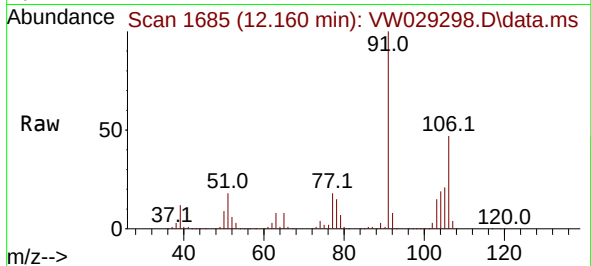




#54
o-Xylene
Concen: 22.287 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

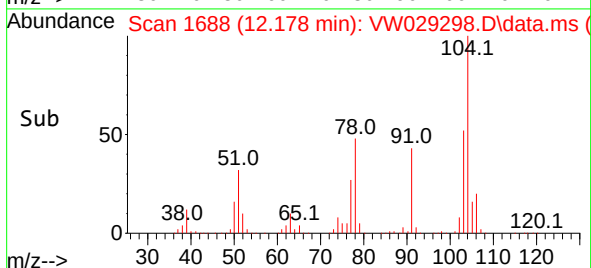
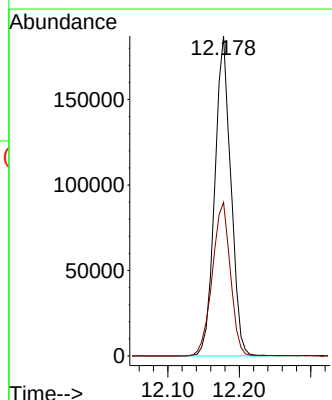
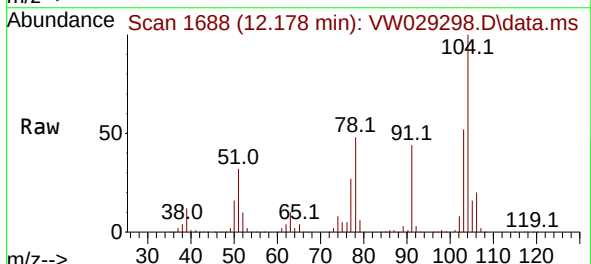
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

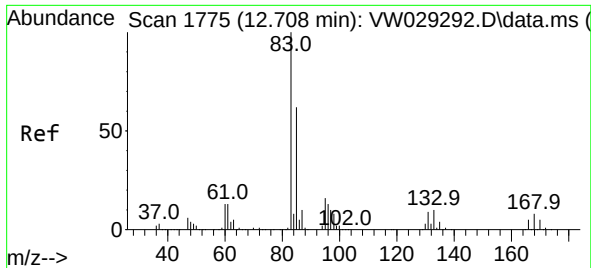
Tgt Ion:106 Resp: 178241
Ion Ratio Lower Upper
106 100
91 214.7 149.9 278.5



#55
Styrene
Concen: 20.945 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion:104 Resp: 292068
Ion Ratio Lower Upper
104 100
78 48.0 35.4 65.7

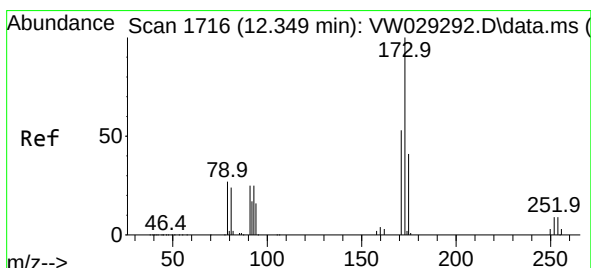
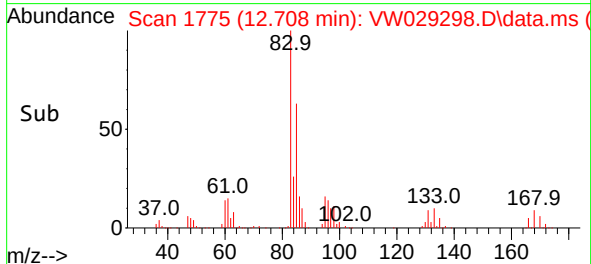
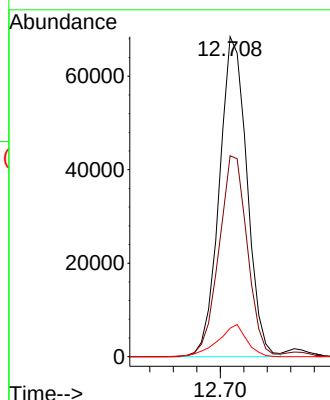
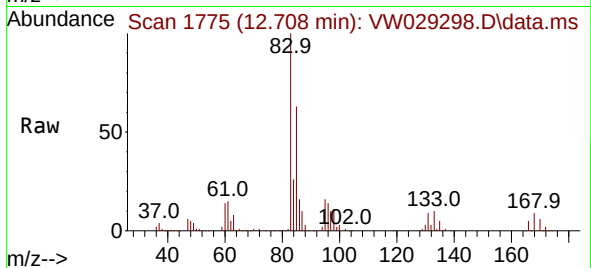




#57
1,1,2-Tetrachloroethane
Concen: 22.997 ug/L
RT: 12.708 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

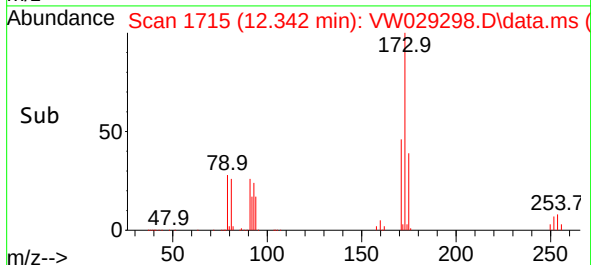
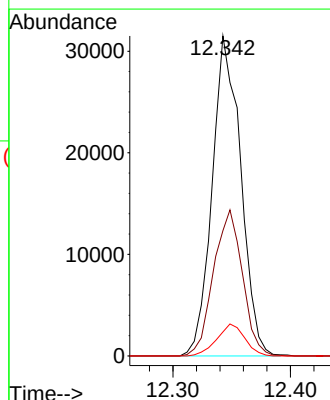
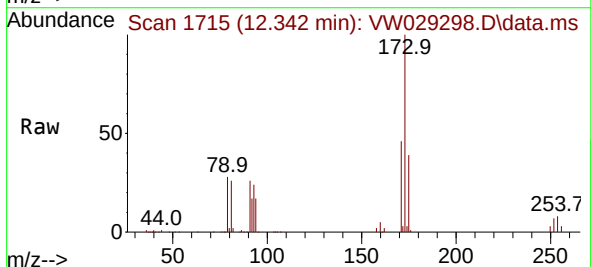
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

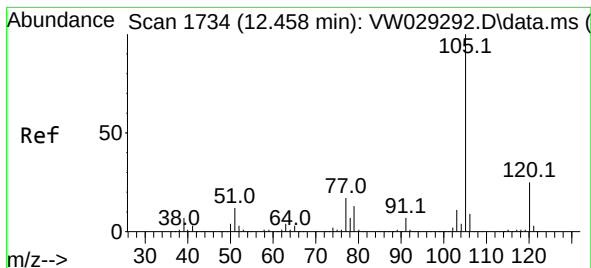
Tgt Ion: 83 Resp: 111765
Ion Ratio Lower Upper
83 100
85 62.8 45.8 85.0
131 8.9 7.8 11.6



#59
Bromoform
Concen: 34.864 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion:173 Resp: 53268
Ion Ratio Lower Upper
173 100
175 46.1 37.8 56.8
254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 28.346 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

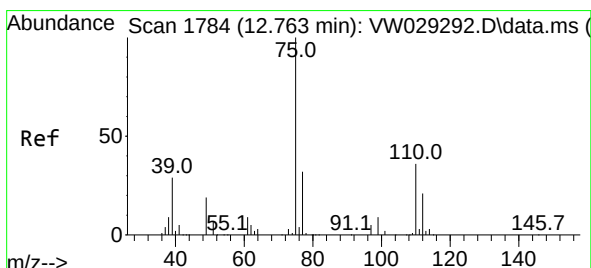
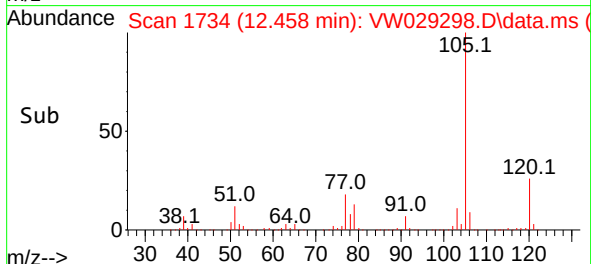
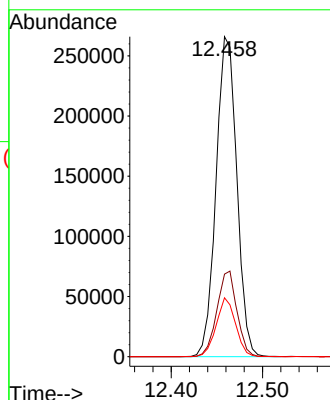
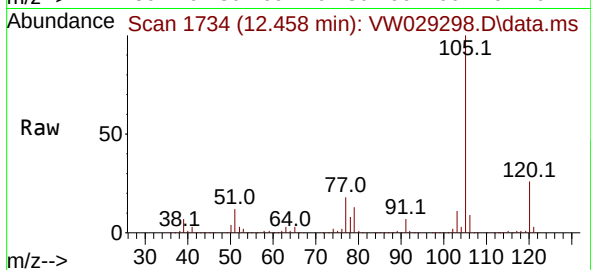
Tgt Ion:105 Resp: 421049

Ion Ratio Lower Upper

105 100

120 25.8 20.5 30.7

77 17.1 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 35.895 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

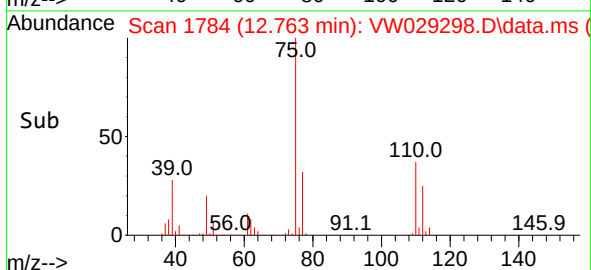
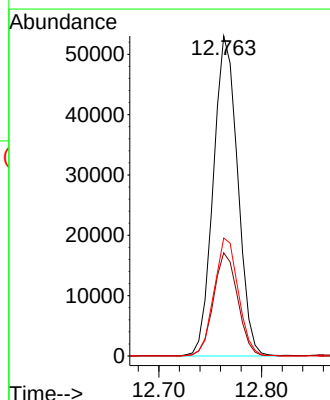
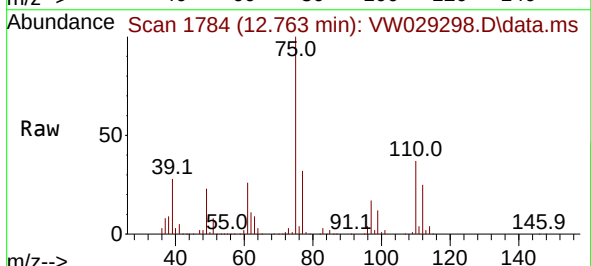
Tgt Ion: 75 Resp: 87279

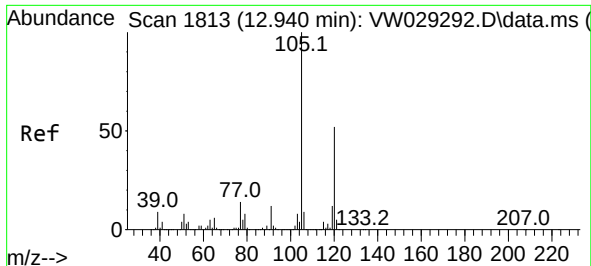
Ion Ratio Lower Upper

75 100

77 32.0 26.6 39.8

110 36.5 29.5 44.3

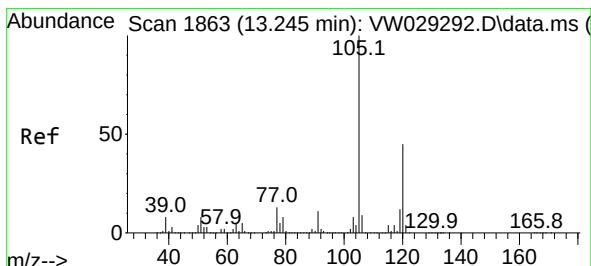
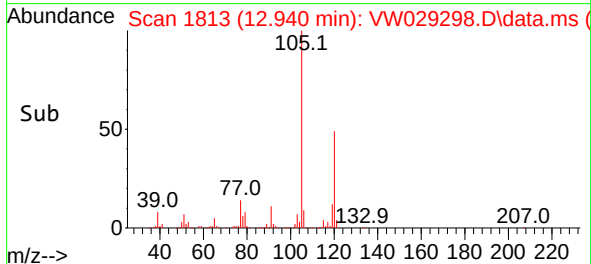
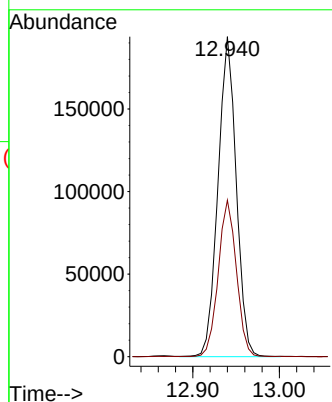
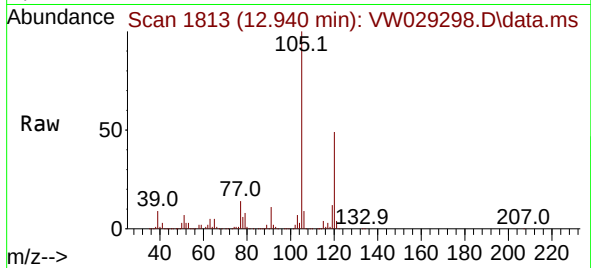




#62
1,3,5-Trimethylbenzene
Concen: 26.366 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

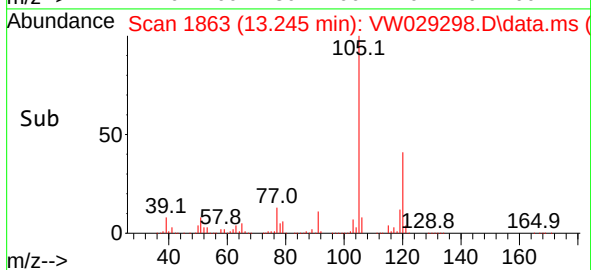
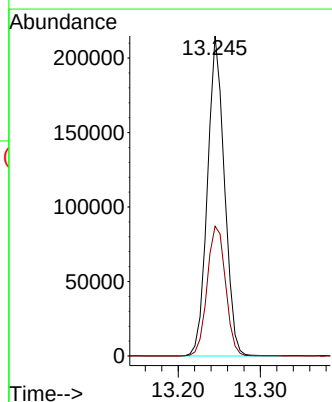
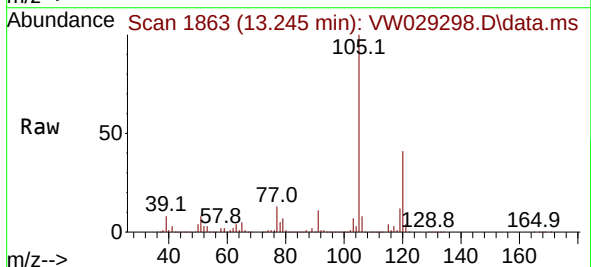
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

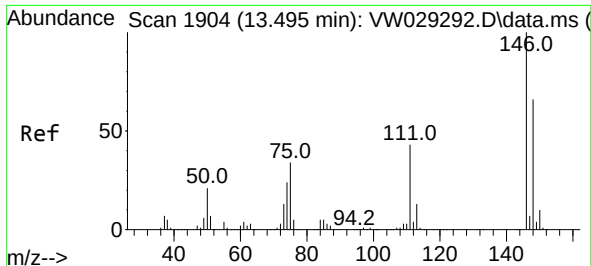
Tgt Ion:105 Resp: 283637
Ion Ratio Lower Upper
105 100
120 48.7 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 26.590 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion:105 Resp: 307768
Ion Ratio Lower Upper
105 100
120 43.9 34.9 52.3

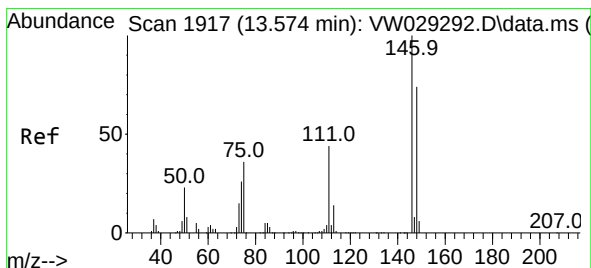
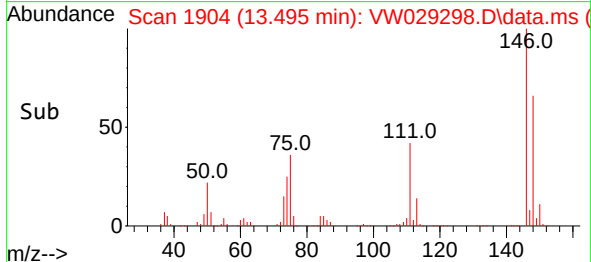
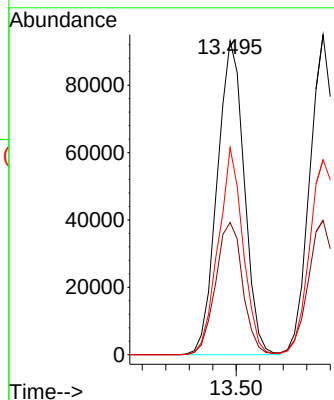
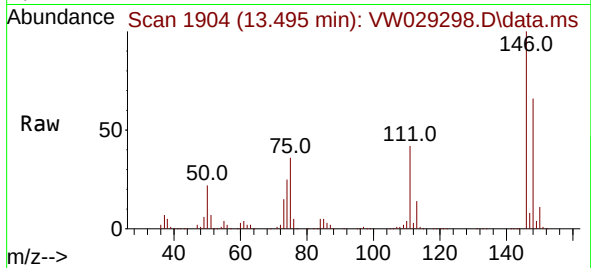




#64
1,3-Dichlorobenzene
Concen: 23.095 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

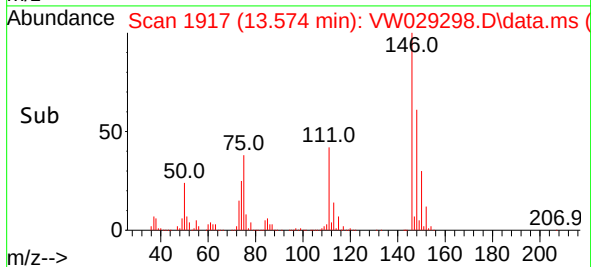
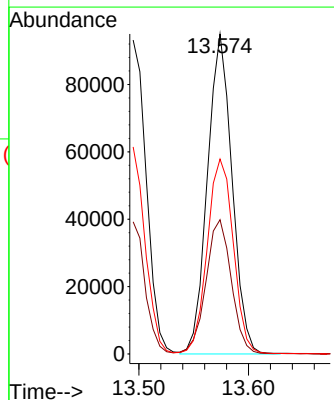
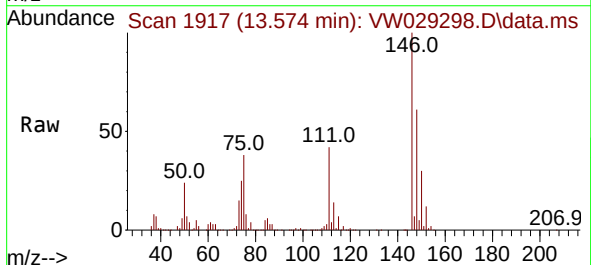
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

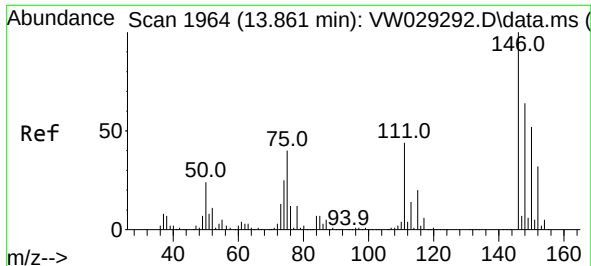
Tgt Ion:146 Resp: 148455
Ion Ratio Lower Upper
146 100
111 42.1 33.0 61.2
148 66.0 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 21.702 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029298.D
Acq: 21 Jun 2024 12:41

Tgt Ion:146 Resp: 148428
Ion Ratio Lower Upper
146 100
111 42.0 28.9 53.7
148 60.9 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 22.708 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

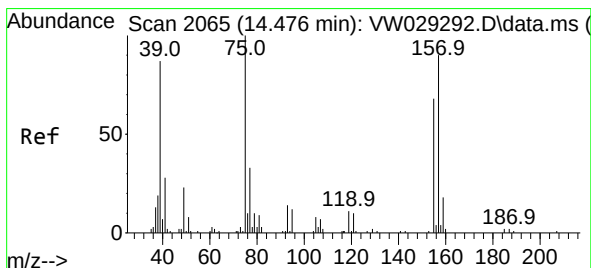
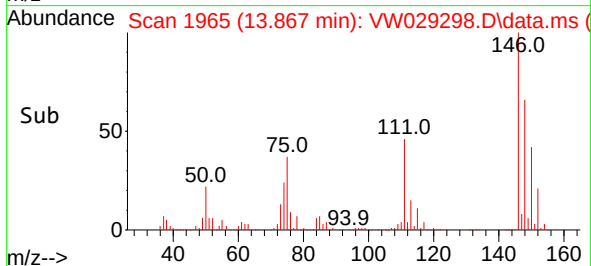
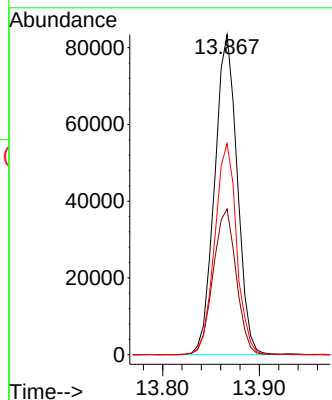
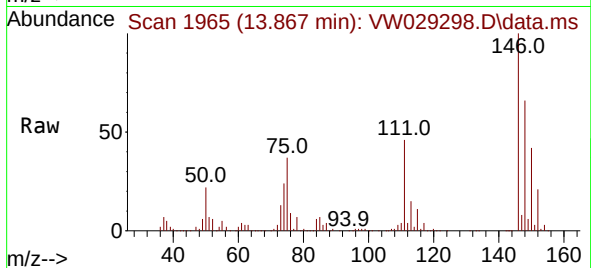
Tgt Ion:146 Resp: 134944

Ion Ratio Lower Upper

146 100

111 45.5 34.2 51.4

148 66.0 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 28.737 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

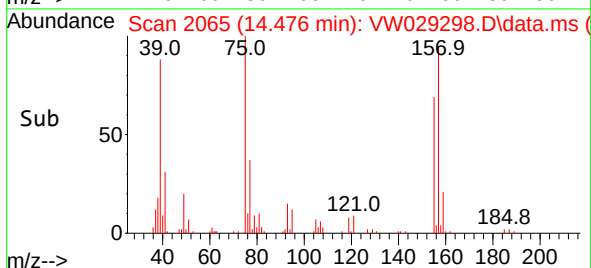
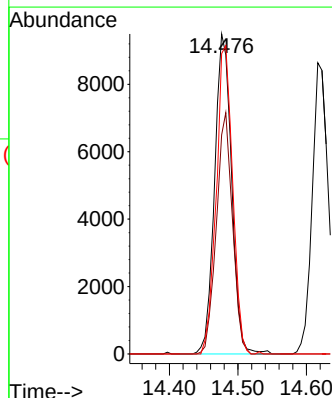
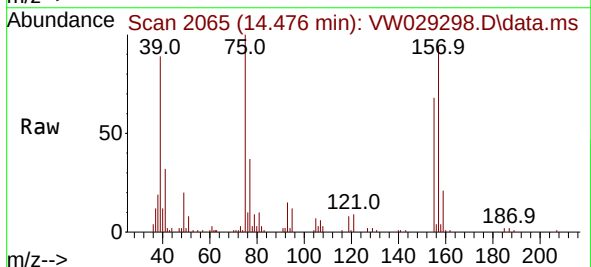
Tgt Ion: 75 Resp: 16306

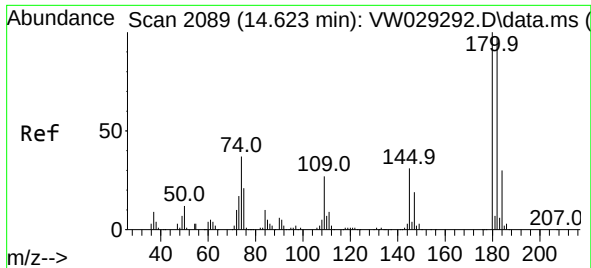
Ion Ratio Lower Upper

75 100

155 68.5 51.0 76.6

157 93.9 58.8 88.2#

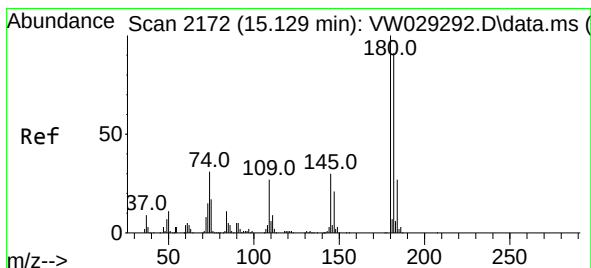
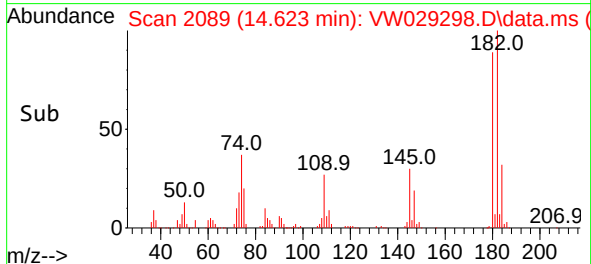
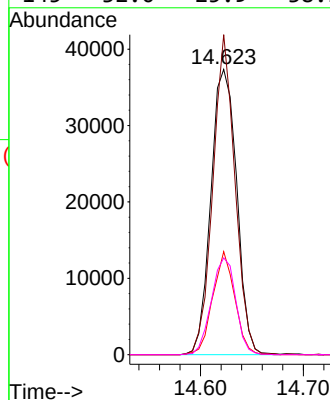
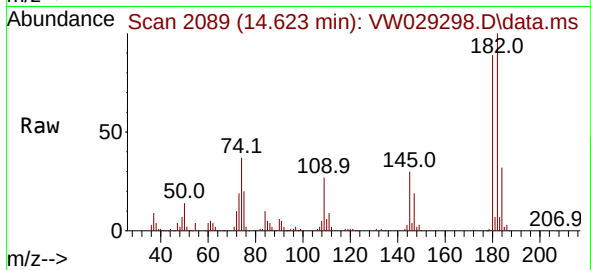




#69
 1,3,5-Trichlorobenzene
 Concen: 15.009 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

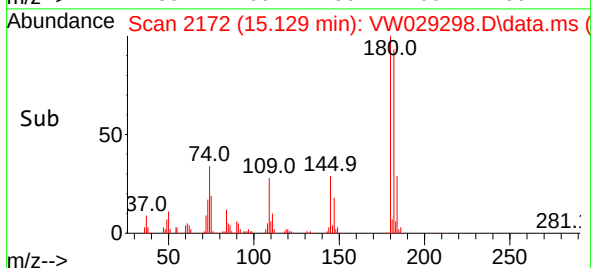
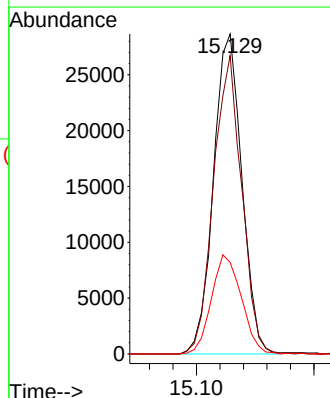
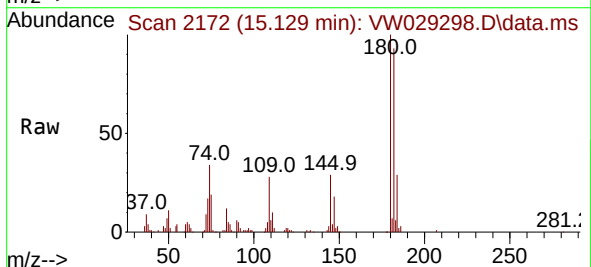
Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

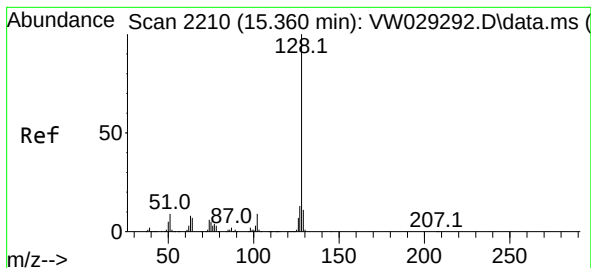
Tgt Ion:180	Resp:	65114
Ion Ratio	Lower	Upper
180	100	
182	95.8	72.9 109.3
184	30.9	23.8 35.6
145	32.0	25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 13.661 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW029298.D
 Acq: 21 Jun 2024 12:41

Tgt Ion:180	Resp:	48043
Ion Ratio	Lower	Upper
180	100	
182	92.5	77.7 116.5
145	32.6	25.7 38.5





#71

Naphthalene

Concen: 17.492 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

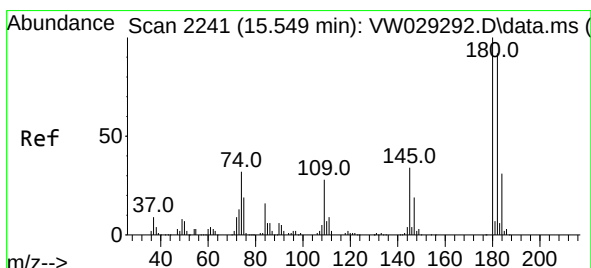
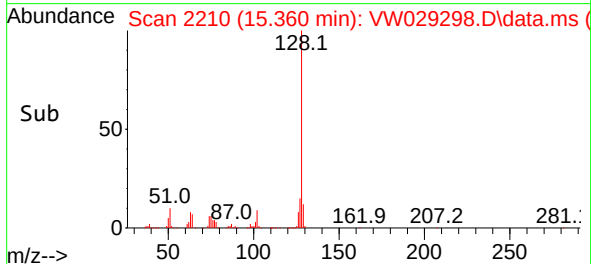
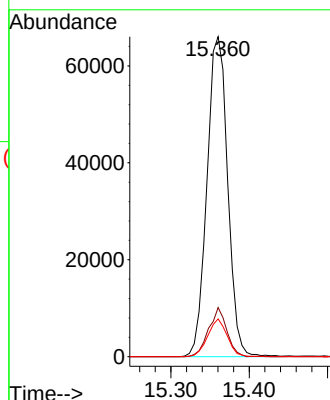
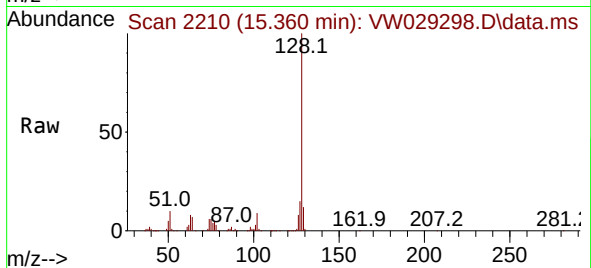
Tgt Ion:128 Resp: 121414

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 12.839 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029298.D

Acq: 21 Jun 2024 12:41

Tgt Ion:180 Resp: 41142

Ion Ratio Lower Upper

180 100

182 96.1 73.0 109.6

145 33.7 28.1 42.1

