

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029276.D
 Acq On : 20 Jun 2024 23:19
 Operator : SY/MD
 Sample : P2963-24MSD
 Misc : 5.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

Quant Time: Jun 21 04:51:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	334552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	58797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95042	20.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
7) Chloroethane-d5	2.893	69	81189	20.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
11) 1,1-Dichloroethene-d2	4.015	65	42850	19.166	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.075	46	68707	49.594	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
24) Chloroform-d	7.648	84	222558	22.301	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.307	65	131451	22.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.270	84	377389	28.640	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.560%
36) 1,2-Dichloropropane-d6	9.270	67	137196	32.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.000%#
41) Toluene-d8	10.318	98	276163	23.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	10.574	79	33473	19.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.922	63	25416	38.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90738	27.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.880%
66) 1,2-Dichlorobenzene-d4	13.854	152	45485	22.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	63704	19.517	ug/L	100
3) Chloromethane	2.222	50	85927	18.463	ug/L	98
5) Vinyl chloride	2.375	62	112704	21.088	ug/L	99
6) Bromomethane	2.789	94	41135	12.806	ug/L	87
8) Chloroethane	2.930	64	73173	22.384	ug/L	96
9) Trichlorofluoromethane	3.265	101	92169	22.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	79377	17.375	ug/L #	66
12) 1,1-Dichloroethene	4.045	96	86016	22.189	ug/L	84
13) Acetone	4.118	43	50854	43.193	ug/L	97
14) Carbon disulfide	4.393	76	199858	15.793	ug/L	100
15) Methyl Acetate	4.667	43	29631	12.677	ug/L	97
16) Methylene chloride	4.923	84	141235	24.009	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	94054	21.848	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	217564	31.588	ug/L	98
19) 1,1-Dichloroethane	6.215	63	229838	24.720	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	109771	23.123	ug/L	99
22) 2-Butanone	7.167	43	71632	44.384	ug/L	98
23) Bromochloromethane	7.514	128	52292	24.744	ug/L	93
25) Chloroform	7.679	83	214941	23.674	ug/L	97

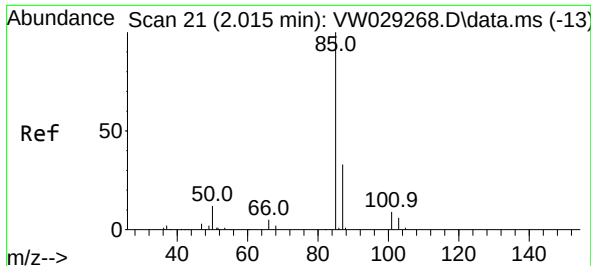
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	160667	23.994	ug/L	99
29) Cyclohexane	7.953	56	109724	22.124	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	152488	31.610	ug/L	98
31) Carbon tetrachloride	8.069	117	121106	27.482	ug/L	98
33) Benzene	8.319	78	400443	30.721	ug/L	100
34) Trichloroethene	9.093	95	91289	26.251	ug/L	93
35) Methylcyclohexane	9.331	83	76150	13.923	ug/L	99
37) 1,2-Dichloropropane	9.367	63	124982	34.123	ug/L	99
38) Bromodichloromethane	9.642	83	143578	32.061	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	97038	18.742	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	138479	60.999	ug/L	97
42) Toluene	10.385	91	339033	25.301	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	92853	21.239	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	87646	34.358	ug/L	96
46) Tetrachloroethene	10.861	164	48897	20.114	ug/L	92
48) 2-Hexanone	10.965	43	73854	45.847	ug/L	97
49) Dibromochloromethane	11.129	129	82388	30.896	ug/L	97
50) 1,2-Dibromoethane	11.233	107	66260	28.936	ug/L	96
51) Chlorobenzene	11.654	112	186227	21.401	ug/L	98
52) Ethylbenzene	11.727	91	334970	22.022	ug/L	97
53) m,p-Xylene	11.836	106	118036	21.245	ug/L	95
54) o-Xylene	12.160	106	118178	22.759	ug/L	96
55) Styrene	12.178	104	155648	17.192	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90233	28.596	ug/L	99
59) Bromoform	12.342	173	38434	47.694	ug/L	100
60) Isopropylbenzene	12.458	105	252443	32.222	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72701	56.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	163774	28.864	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	168078	27.532	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	79724	23.515	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	77451	21.471	ug/L	91
67) 1,2-Dichlorobenzene	13.860	146	74408	23.740	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	12859	42.967	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	31395	13.721	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	22192	11.964	ug/L	98
71) Naphthalene	15.360	128	62849	17.168	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	18763	11.102	ug/L	92

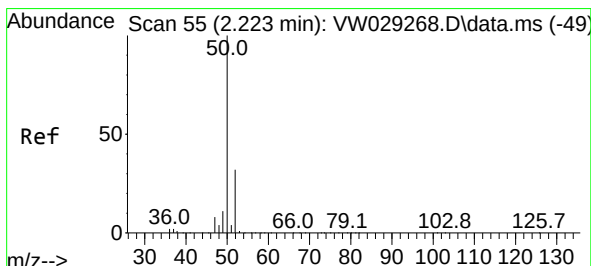
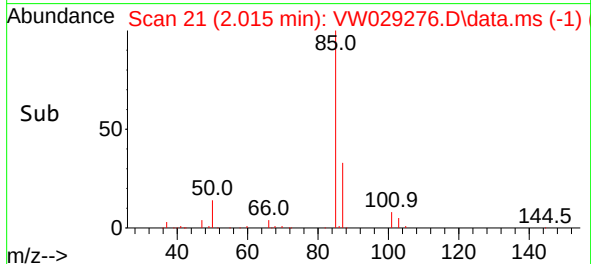
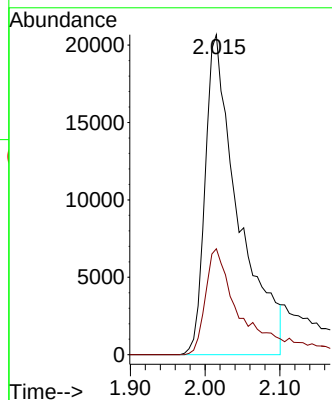
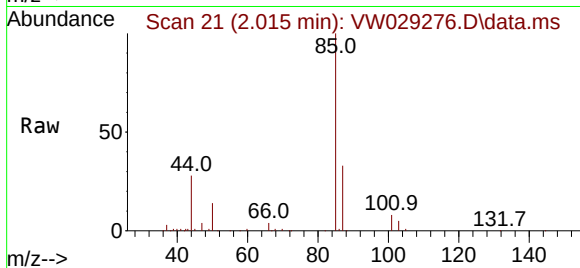
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 19.517 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

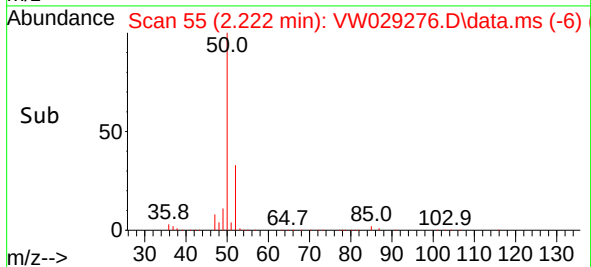
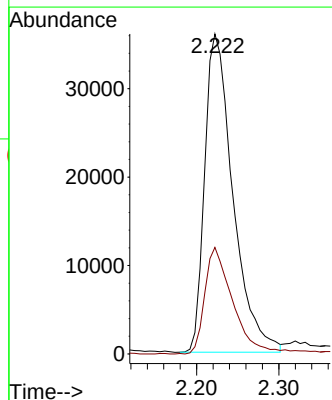
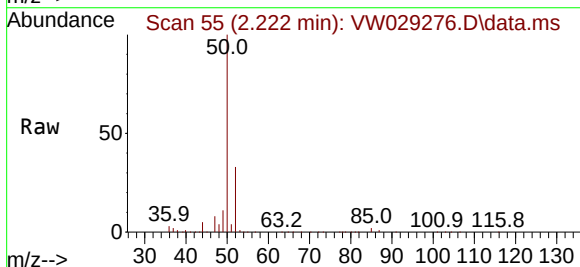
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

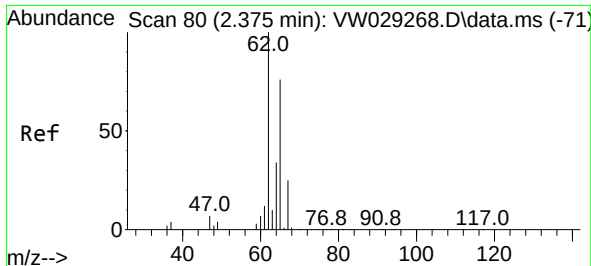
Tgt Ion: 85 Resp: 63704
Ion Ratio Lower Upper
85 100
87 29.7 23.8 35.6



#3
Chloromethane
Concen: 18.463 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 50 Resp: 85927
Ion Ratio Lower Upper
50 100
52 33.3 22.3 41.5

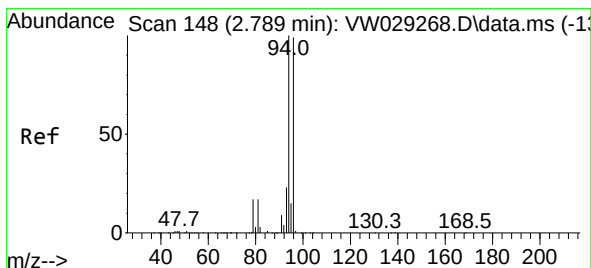
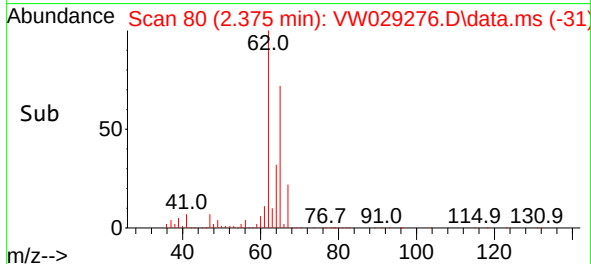
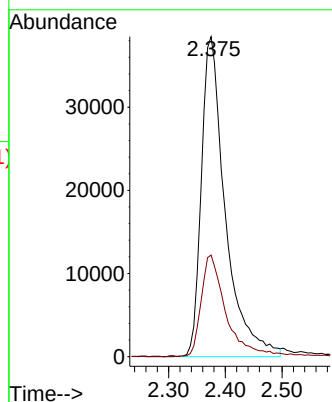
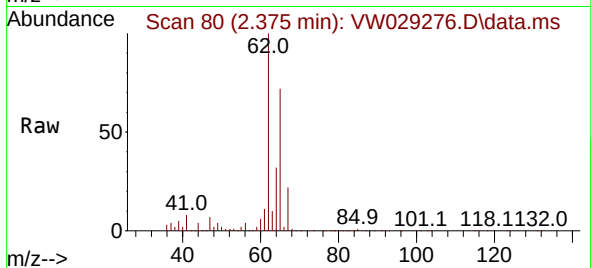




#5
 Vinyl chloride
 Concen: 21.088 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029276.D
 Acq: 20 Jun 2024 23:19

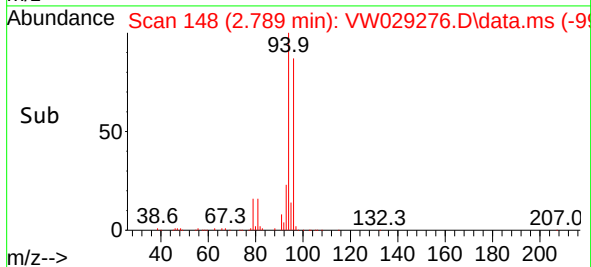
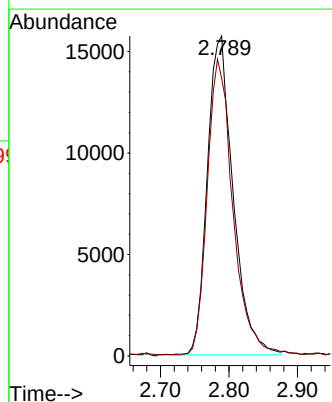
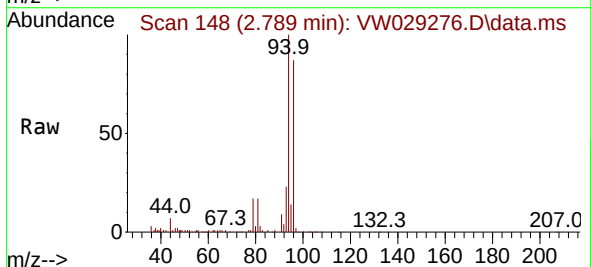
Instrument :
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 ClientSampleId :
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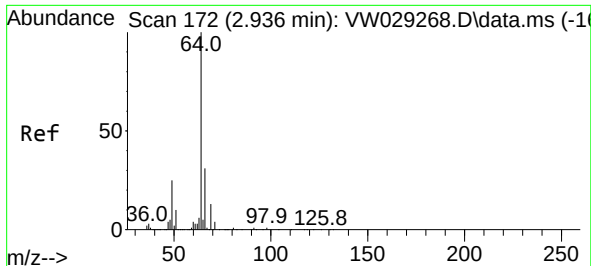
Tgt Ion: 62 Resp: 112704
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.0 40.8



#6
 Bromomethane
 Concen: 12.806 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029276.D
 Acq: 20 Jun 2024 23:19

Tgt Ion: 94 Resp: 41135
 Ion Ratio Lower Upper
 94 100
 96 86.8 69.5 129.1

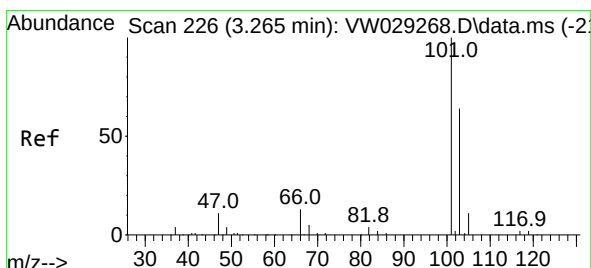
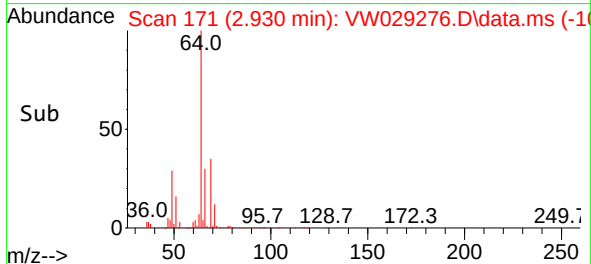
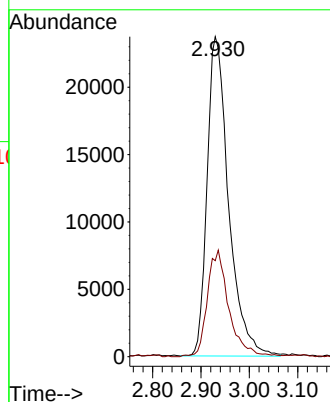
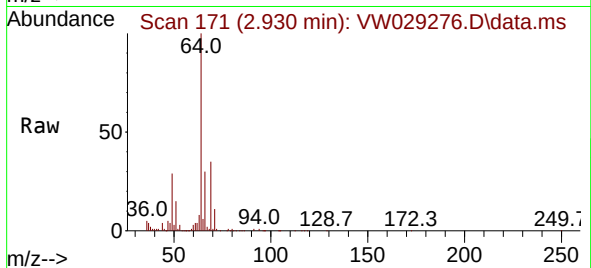




#8
Chloroethane
Concen: 22.384 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

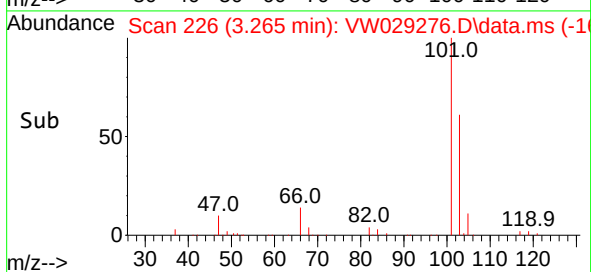
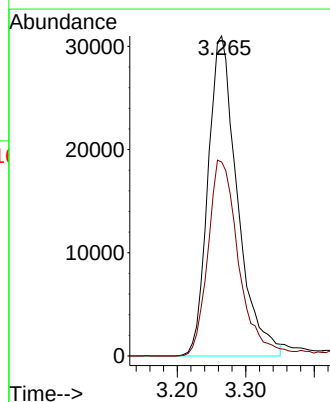
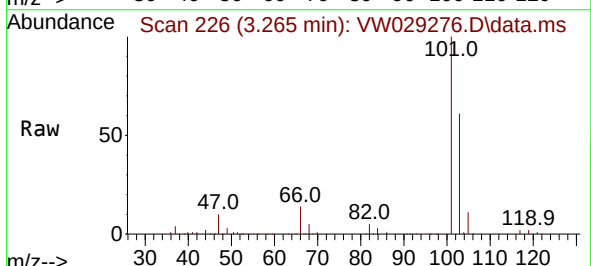
Instrument :
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ClientSampleId :
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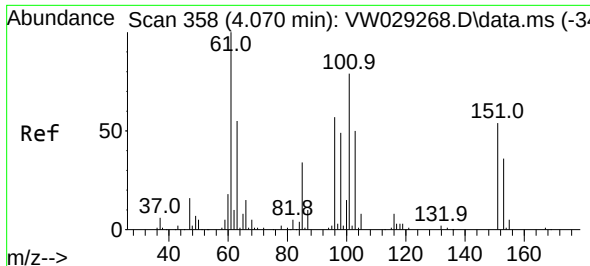
Tgt Ion: 64 Resp: 73173
Ion Ratio Lower Upper
64 100
66 30.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.244 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion:101 Resp: 92169
Ion Ratio Lower Upper
101 100
103 64.2 50.8 76.2

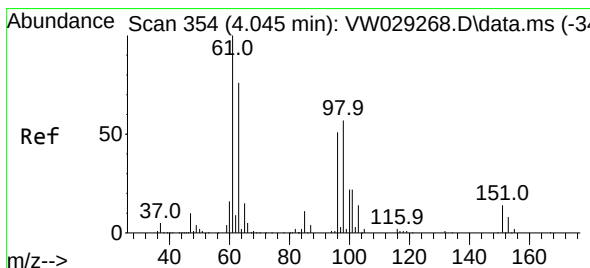
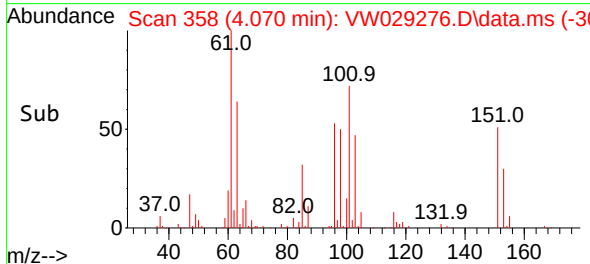
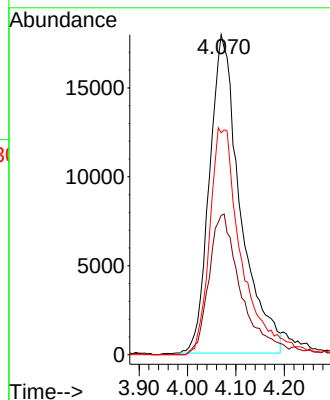
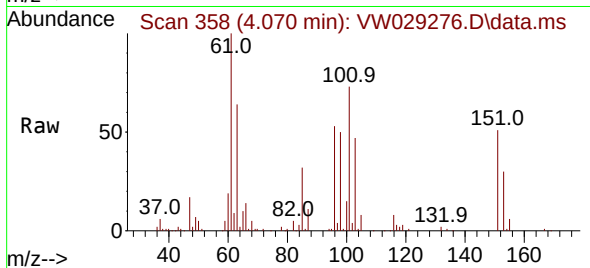




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.375 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW029276.D
 Acq: 20 Jun 2024 23:19

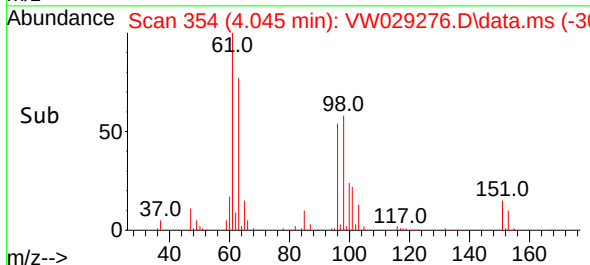
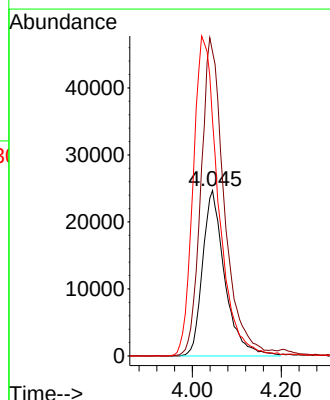
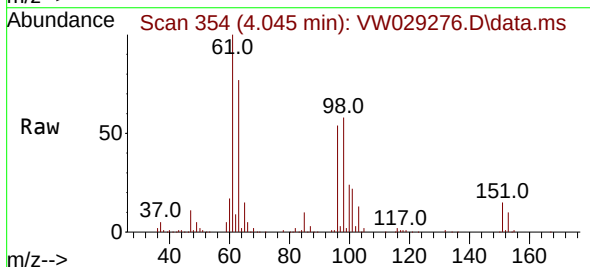
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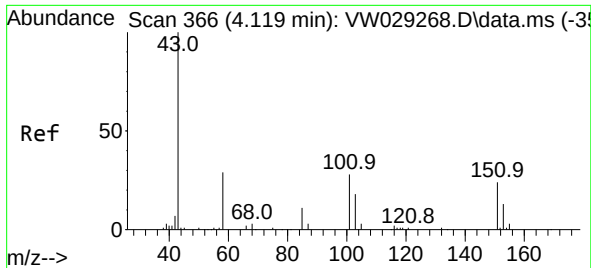
Tgt Ion:101 Resp: 79377
 Ion Ratio Lower Upper
 101 100
 85 46.0 30.2 45.2#
 151 29.0 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 22.189 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW029276.D
 Acq: 20 Jun 2024 23:19

Tgt Ion: 96 Resp: 86016
 Ion Ratio Lower Upper
 96 100
 61 183.9 140.1 260.3
 63 142.3 122.0 226.6





#13

Acetone

Concen: 43.193 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

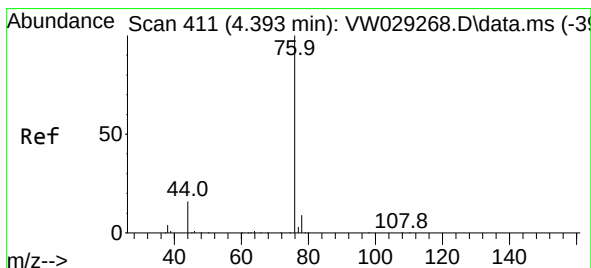
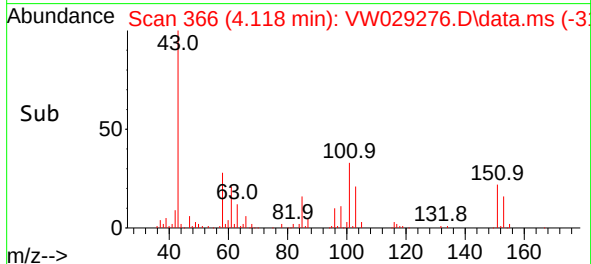
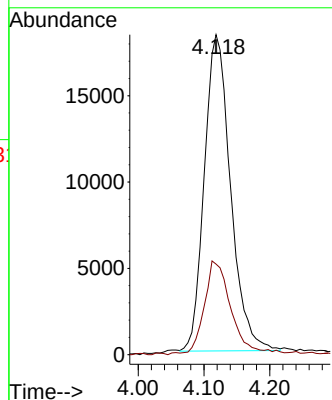
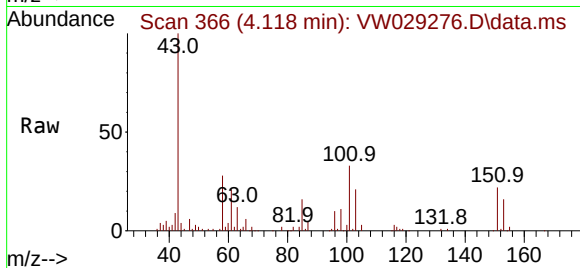
A4CS3MSD

Tgt Ion: 43 Resp: 50854

Ion Ratio Lower Upper

43 100

58 29.3 0.0 61.4



#14

Carbon disulfide

Concen: 15.793 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW029276.D

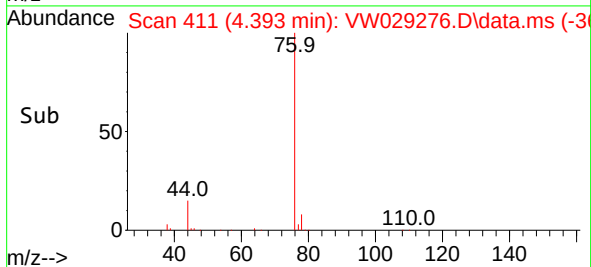
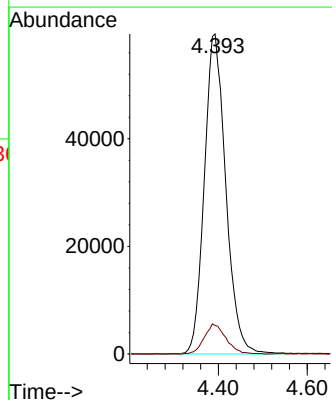
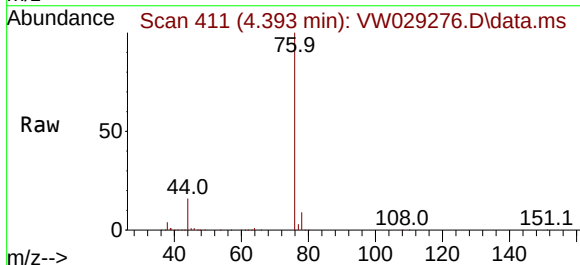
Acq: 20 Jun 2024 23:19

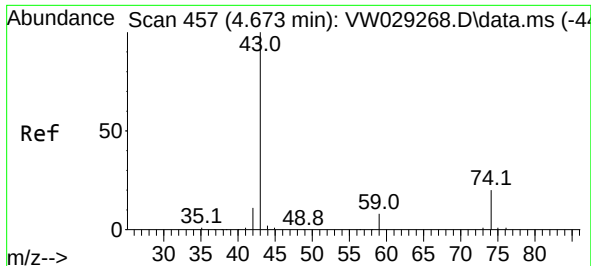
Tgt Ion: 76 Resp: 199858

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

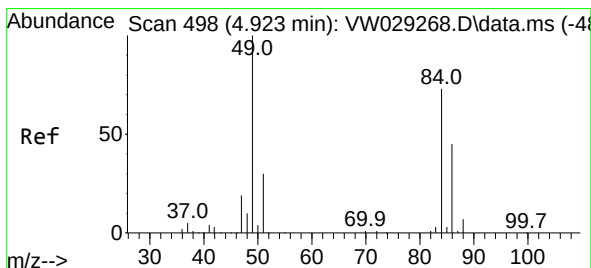
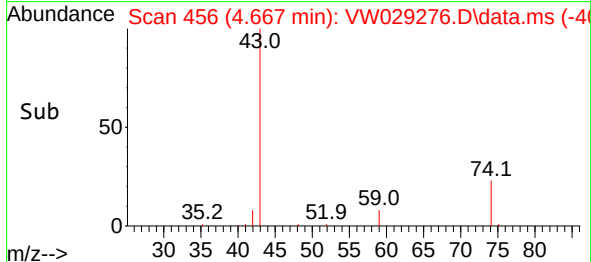
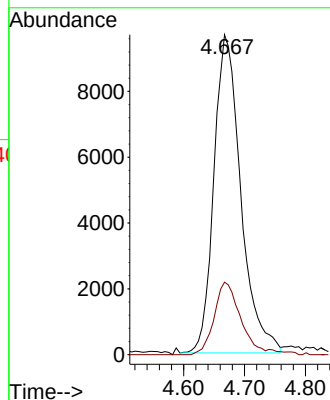
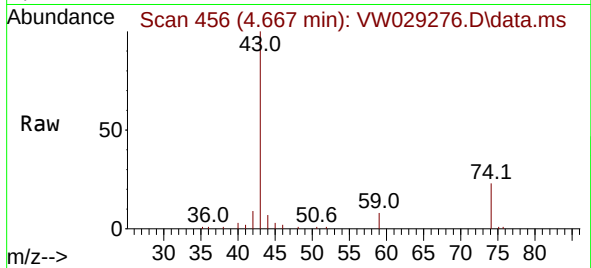




#15
Methyl Acetate
Concen: 12.677 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

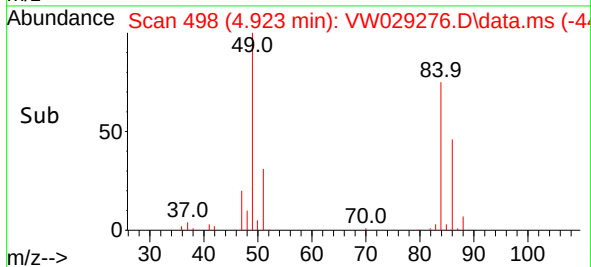
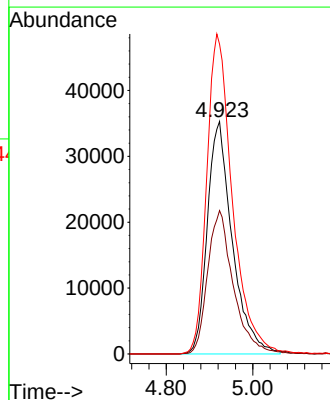
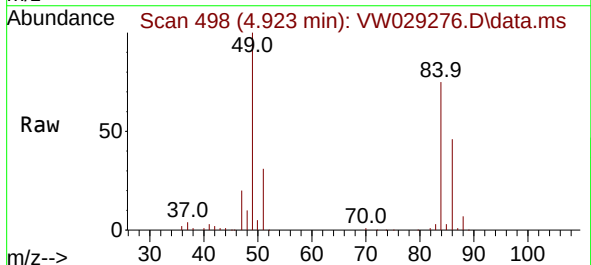
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

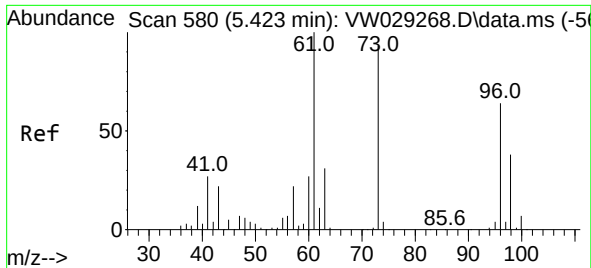
Tgt Ion: 43 Resp: 29631
Ion Ratio Lower Upper
43 100
74 22.0 16.6 25.0



#16
Methylene chloride
Concen: 24.009 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 84 Resp: 141235
Ion Ratio Lower Upper
84 100
86 61.7 41.4 77.0
49 133.3 95.7 177.7

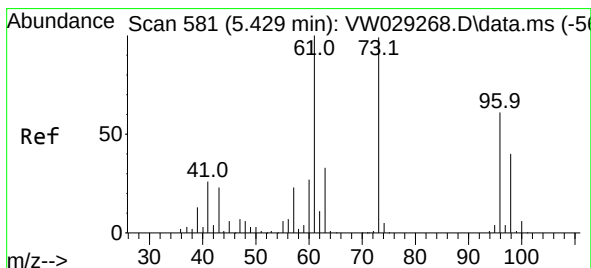
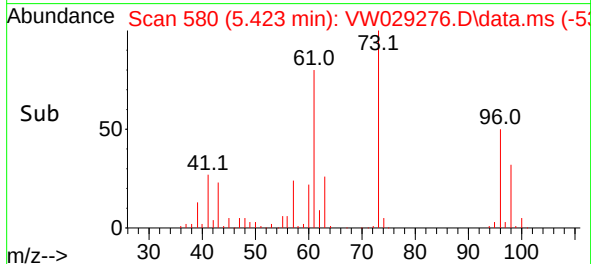
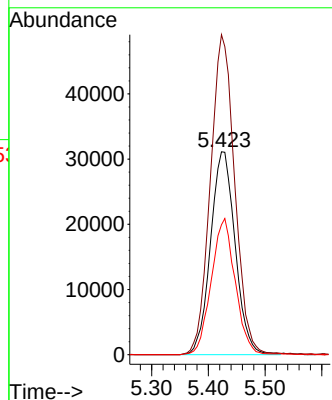
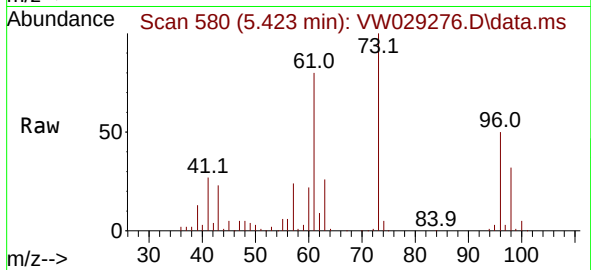




#17
trans-1,2-Dichloroethene
Concen: 21.848 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

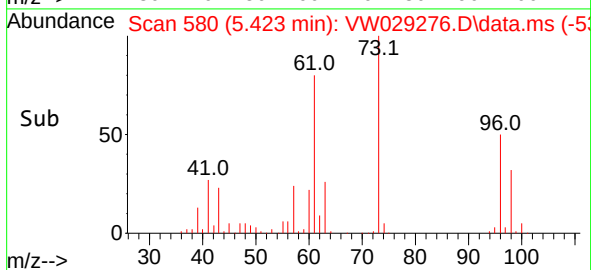
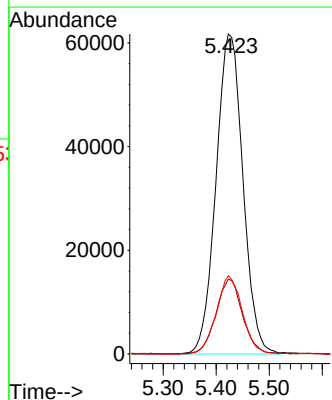
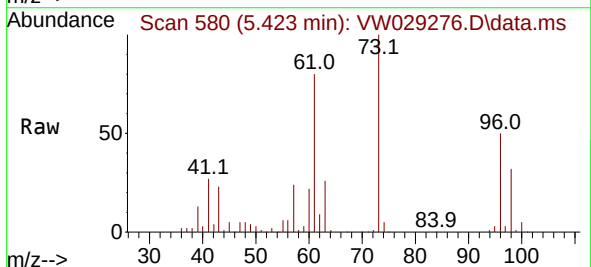
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

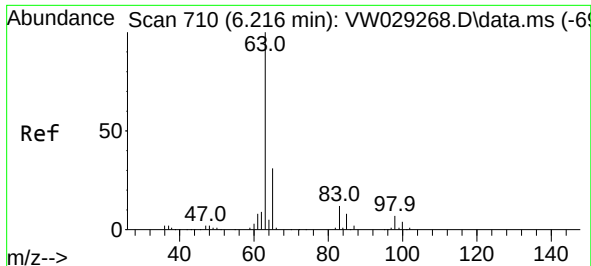
Tgt Ion: 96 Resp: 94054
Ion Ratio Lower Upper
96 100
61 157.7 101.5 188.5
98 64.1 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 31.588 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 73 Resp: 217564
Ion Ratio Lower Upper
73 100
43 22.6 19.5 29.3
57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 24.720 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

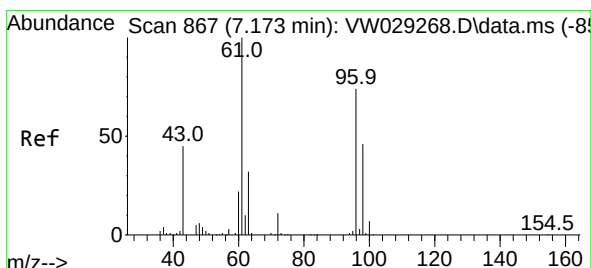
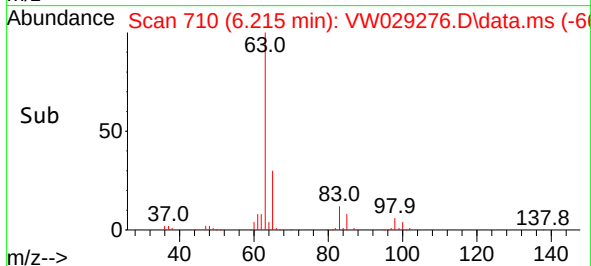
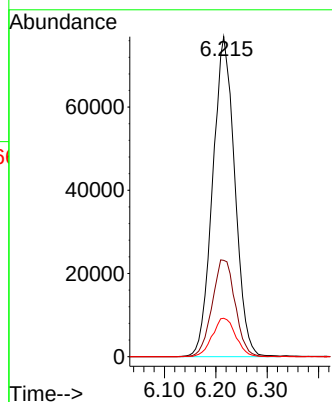
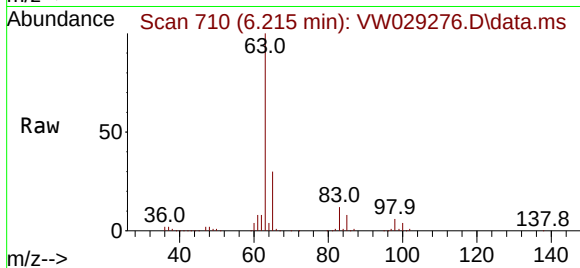
Tgt Ion: 63 Resp: 229838

Ion Ratio Lower Upper

63 100

65 30.1 23.4 43.4

83 12.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.123 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

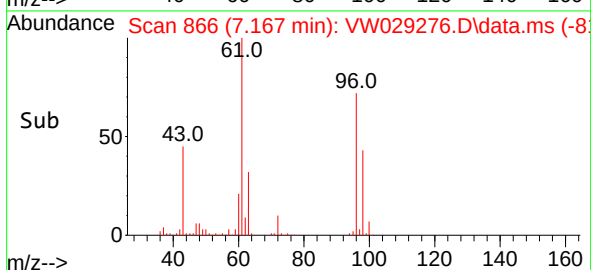
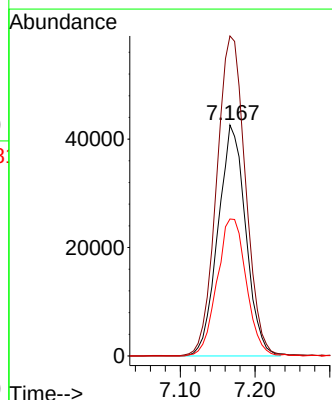
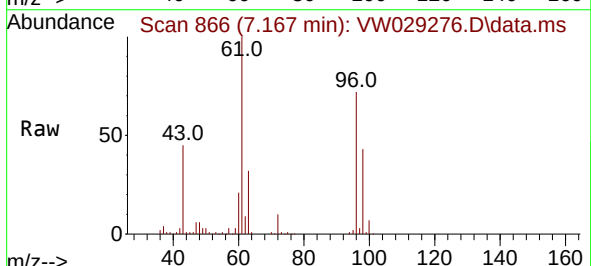
Tgt Ion: 96 Resp: 109771

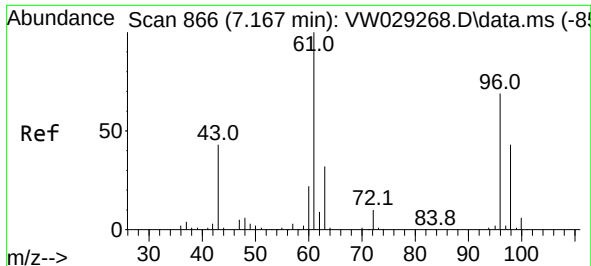
Ion Ratio Lower Upper

96 100

61 138.6 97.8 181.6

98 59.3 43.0 79.8

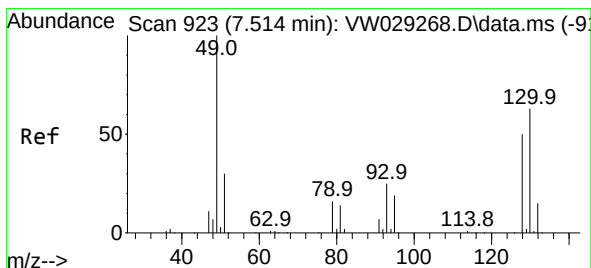
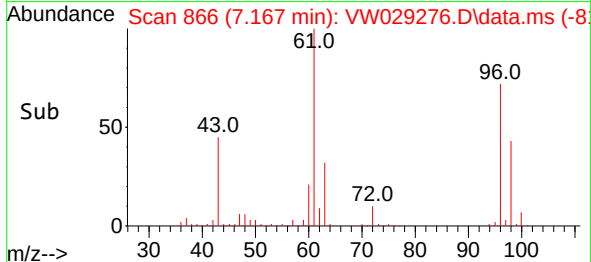
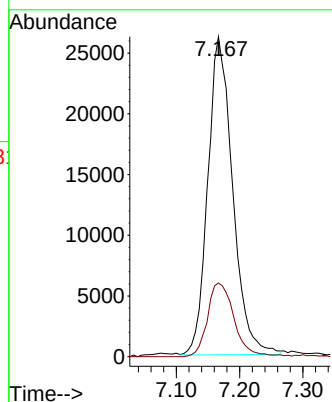
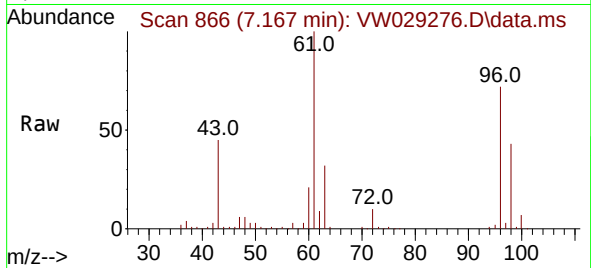




#22
2-Butanone
Concen: 44.384 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

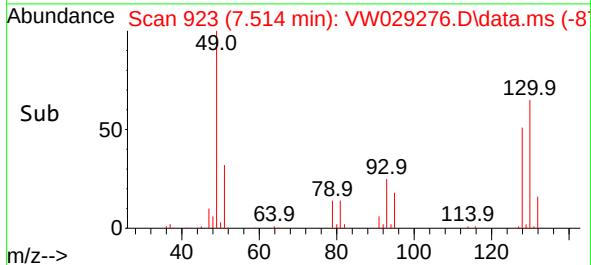
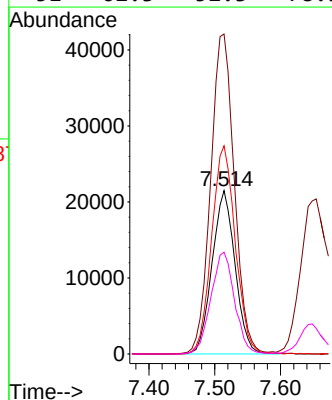
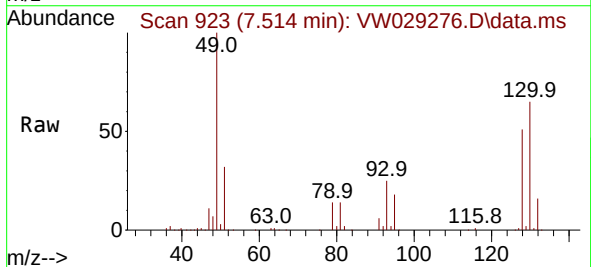
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

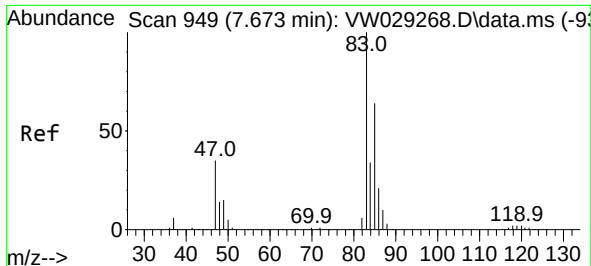
Tgt Ion: 43 Resp: 71632
Ion Ratio Lower Upper
43 100
72 24.6 11.9 35.7



#23
Bromochloromethane
Concen: 24.744 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 128 Resp: 52292
Ion Ratio Lower Upper
128 100
49 195.9 142.6 264.8
130 127.4 79.7 148.1
51 62.3 52.3 78.5

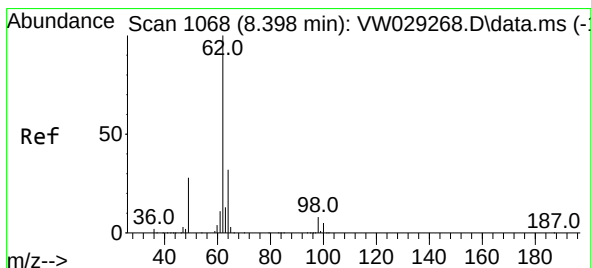
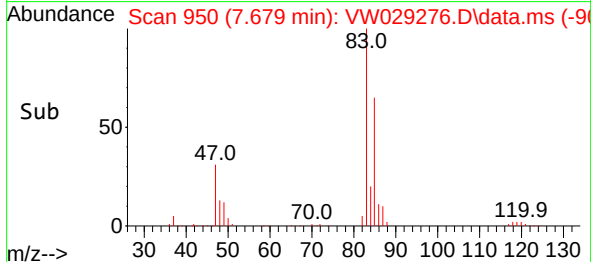
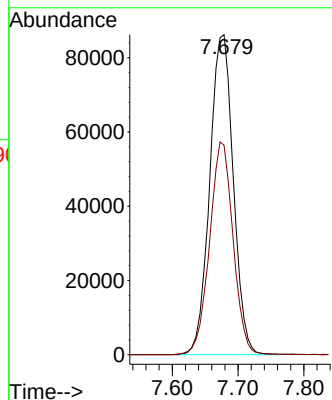
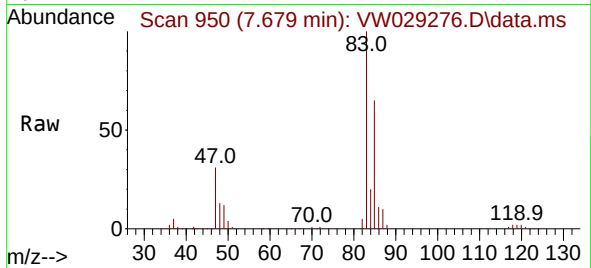




#25
Chloroform
Concen: 23.674 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

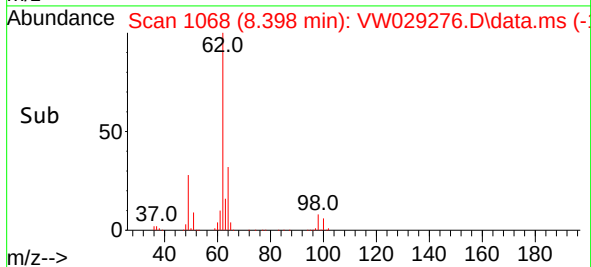
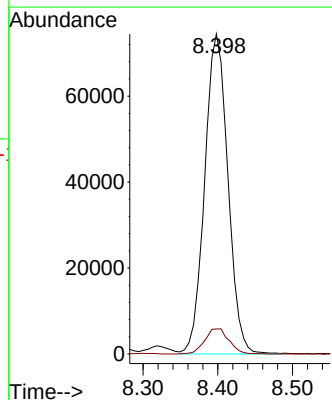
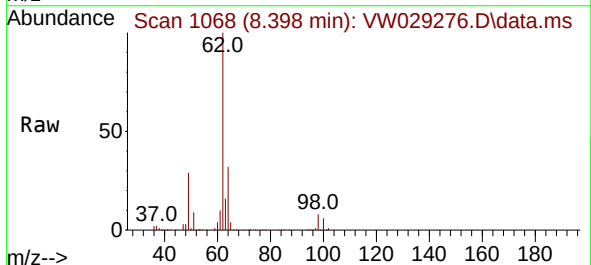
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

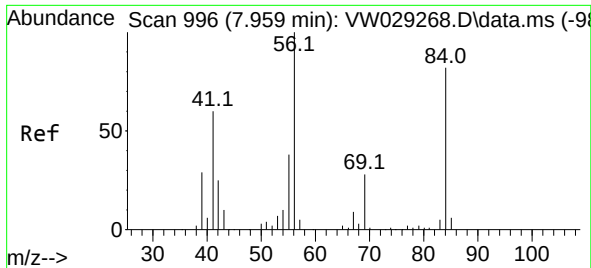
Tgt Ion: 83 Resp: 214941
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 23.994 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 62 Resp: 160667
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0

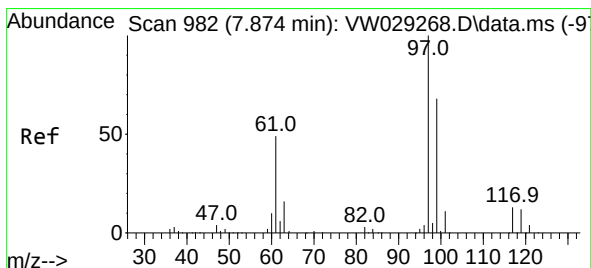
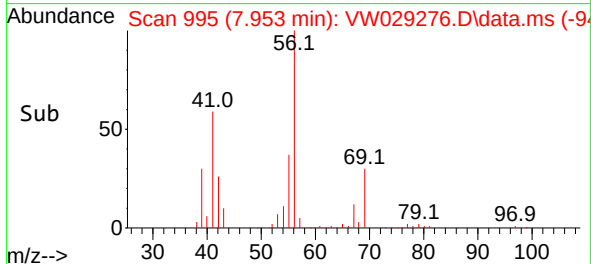
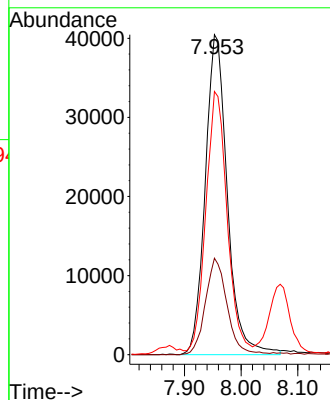
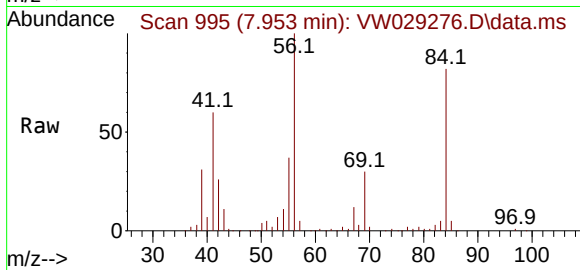




#29
Cyclohexane
Concen: 22.124 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

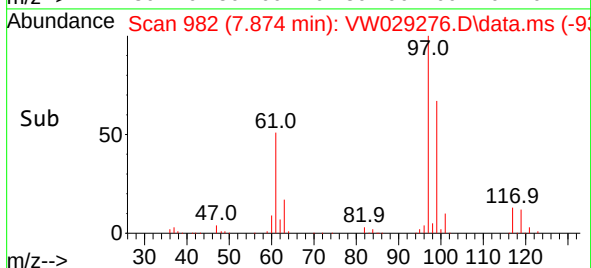
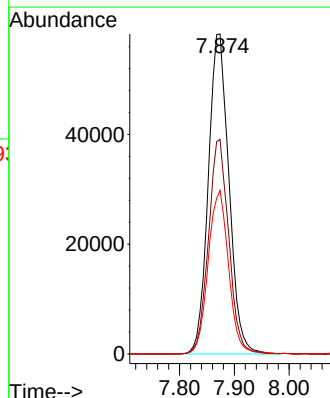
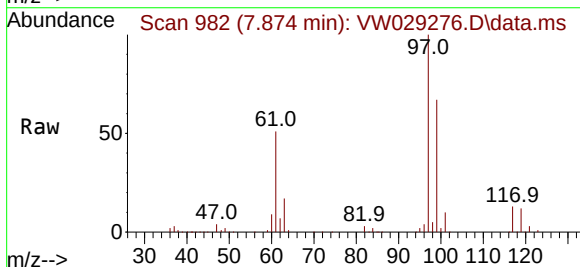
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

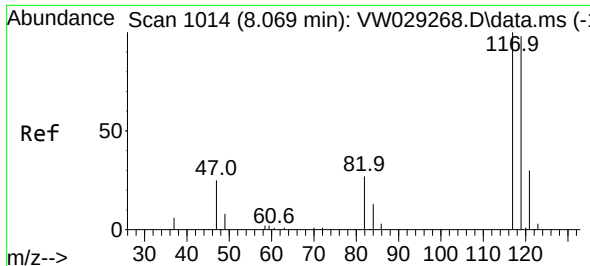
Tgt Ion: 56 Resp: 109724
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 79.6 64.5 96.7



#30
1,1,1-Trichloroethane
Concen: 31.610 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 97 Resp: 152488
Ion Ratio Lower Upper
97 100
99 65.8 53.0 79.4
61 50.4 43.0 64.4

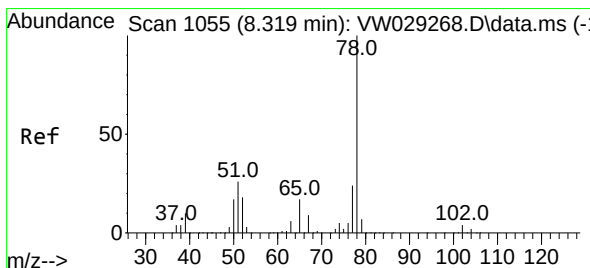
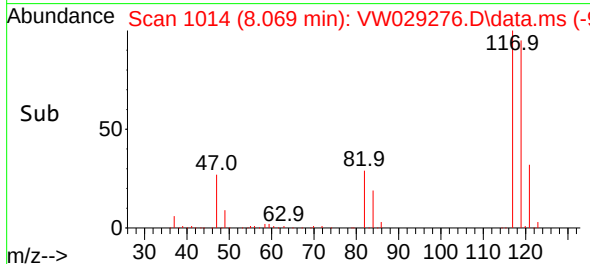
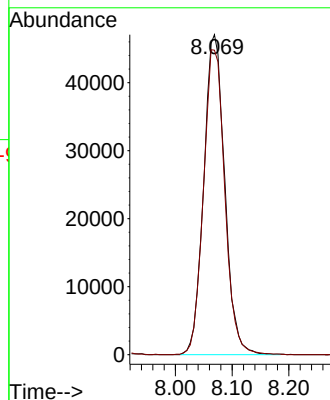
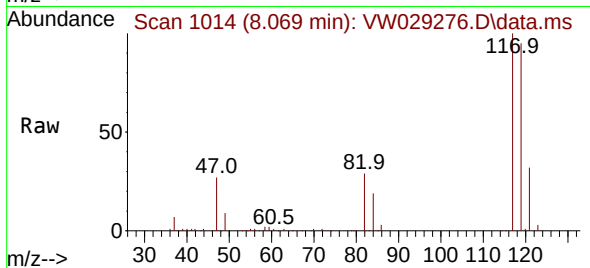




#31
Carbon tetrachloride
Concen: 27.482 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

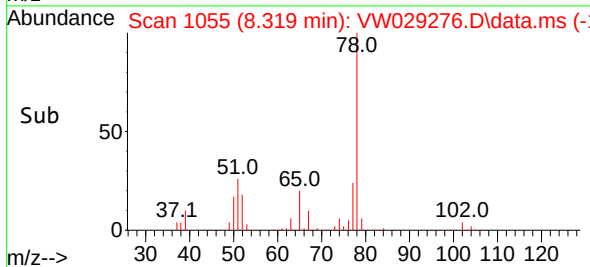
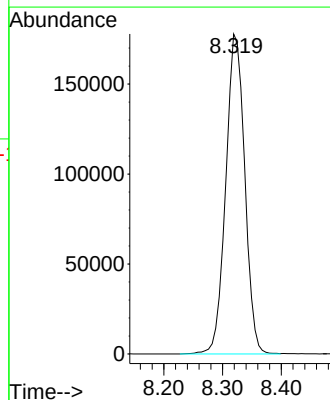
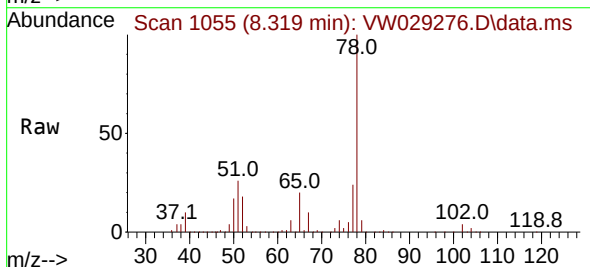
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

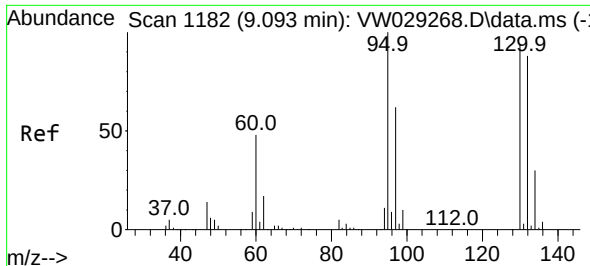
Tgt Ion:117 Resp: 121106
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.4



#33
Benzene
Concen: 30.721 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 78 Resp: 400443



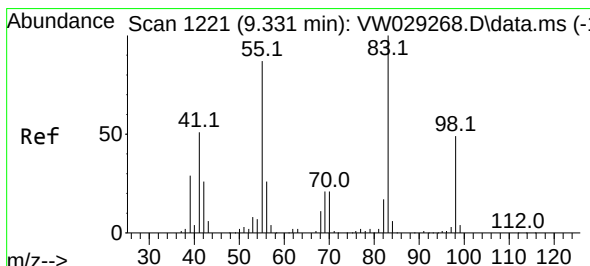
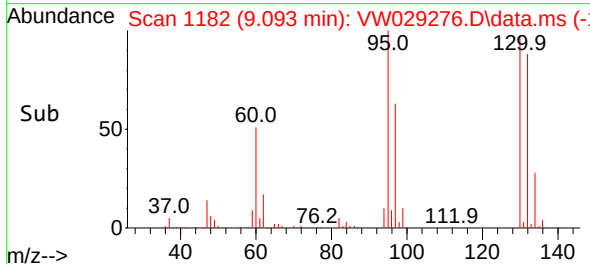
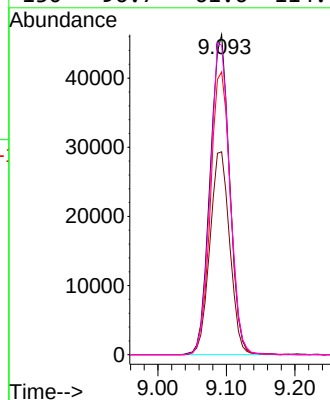
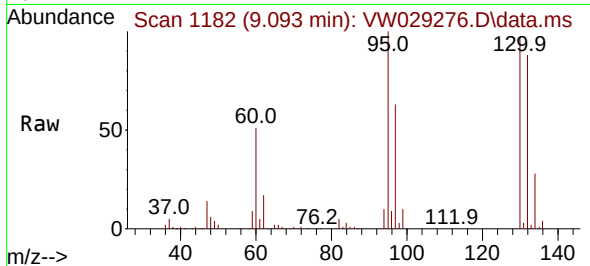


#34
Trichloroethene
Concen: 26.251 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

Tgt Ion: 95 Resp: 91289

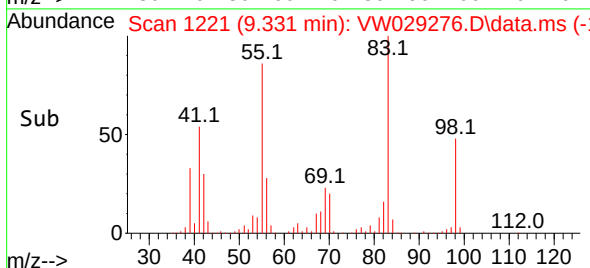
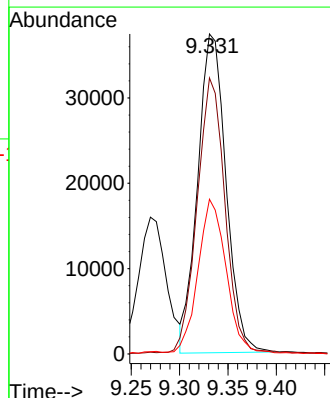
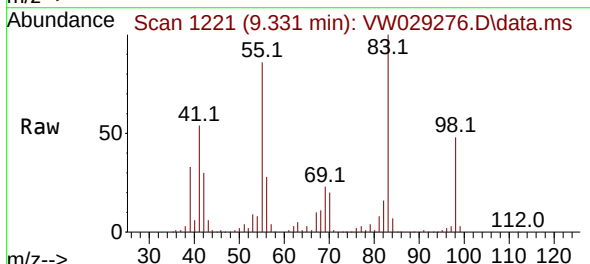
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.7	84.9
132	88.3	66.4	123.4
130	96.7	61.6	114.4

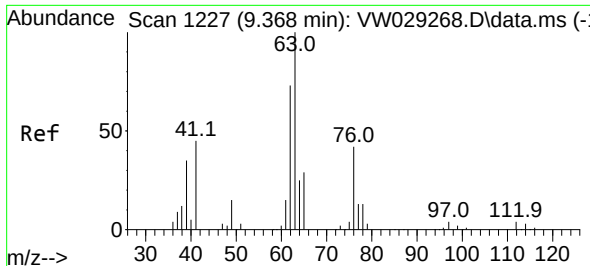


#35
Methylcyclohexane
Concen: 13.923 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 83 Resp: 76150

Ion	Ratio	Lower	Upper
83	100		
55	86.0	69.5	104.3
98	48.6	38.0	57.0





#37

1,2-Dichloropropane

Concen: 34.123 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

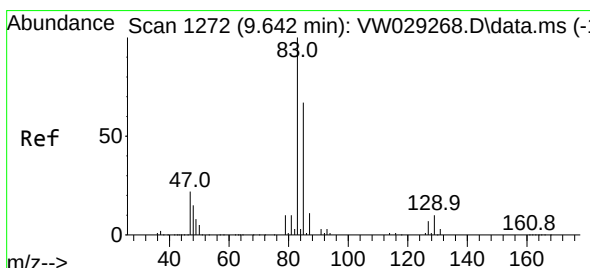
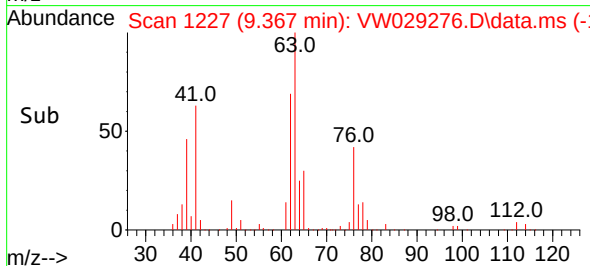
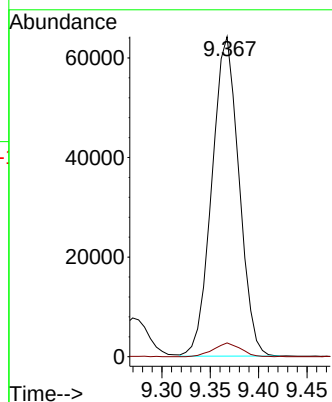
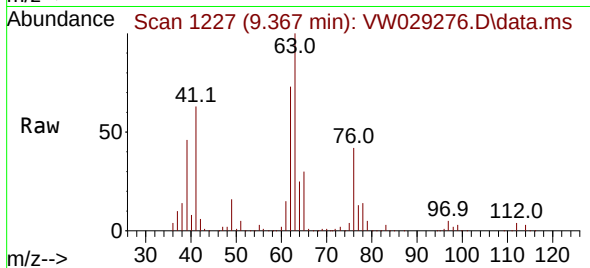
A4CS3MSD

Tgt Ion: 63 Resp: 124982

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 32.061 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

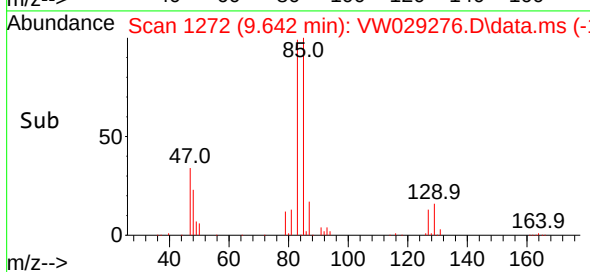
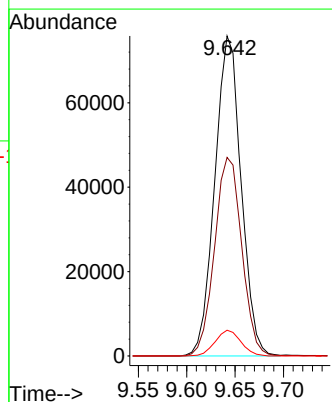
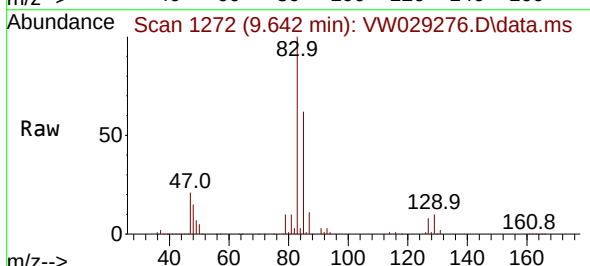
Tgt Ion: 83 Resp: 143578

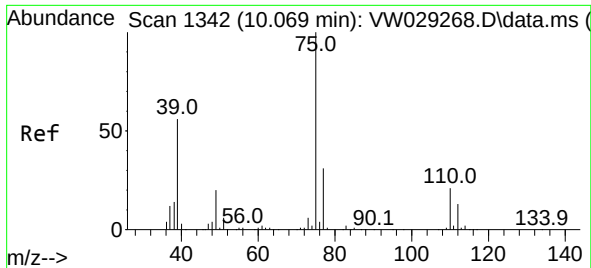
Ion Ratio Lower Upper

83 100

85 62.1 45.1 83.9

127 8.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 18.742 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

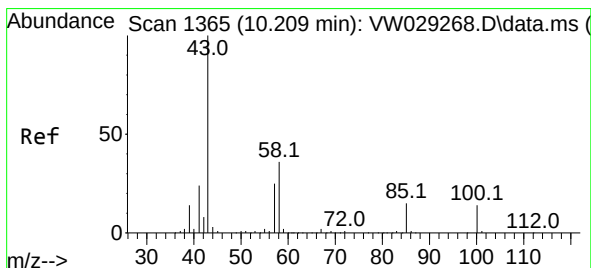
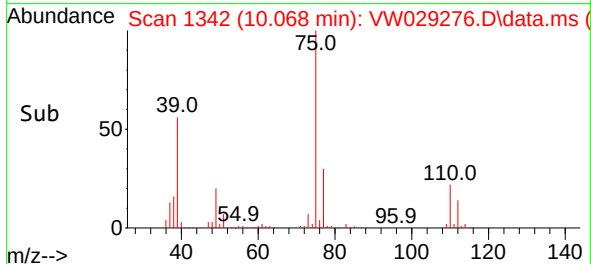
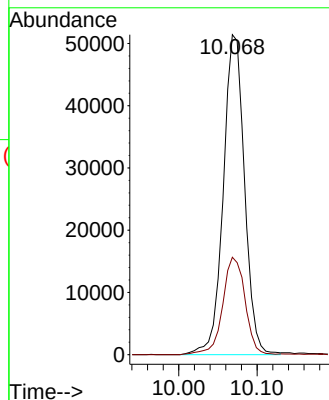
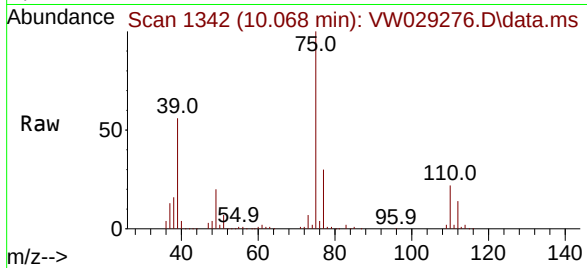
A4CS3MSD

Tgt Ion: 75 Resp: 97038

Ion Ratio Lower Upper

75 100

77 30.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 60.999 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

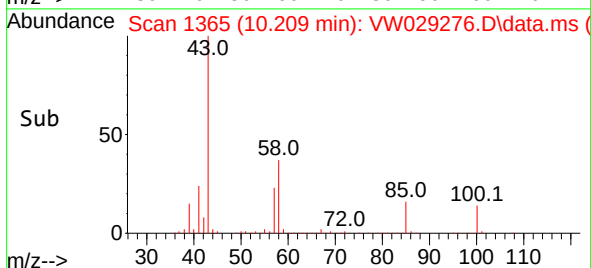
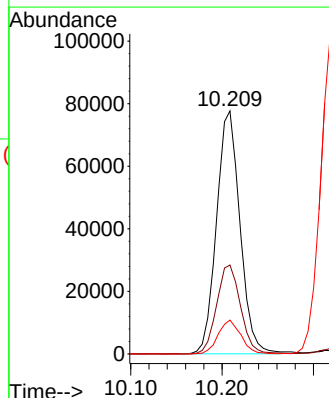
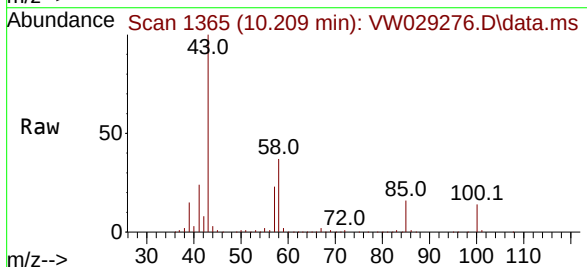
Tgt Ion: 43 Resp: 138479

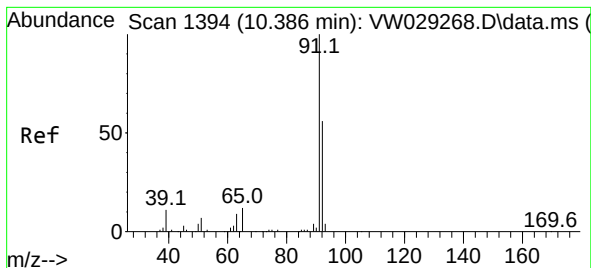
Ion Ratio Lower Upper

43 100

58 37.5 28.2 42.4

100 13.6 11.0 16.4





#42

Toluene

Concen: 25.301 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

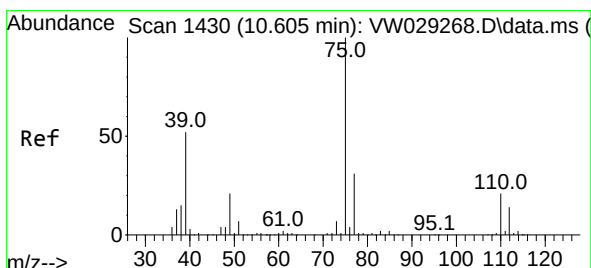
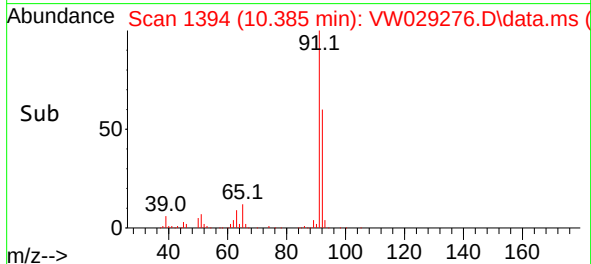
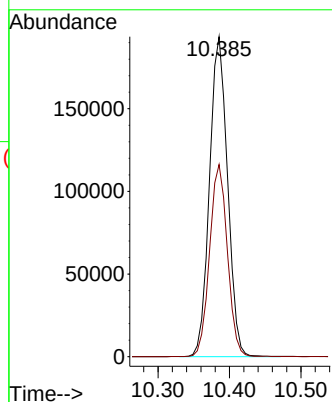
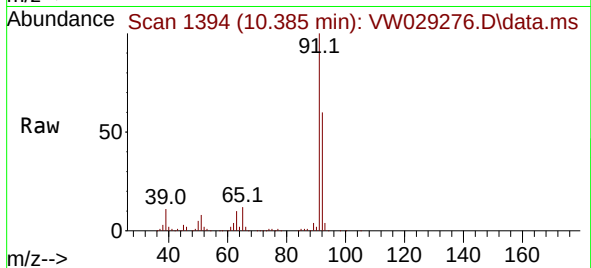
A4CS3MSD

Tgt Ion: 91 Resp: 339033

Ion Ratio Lower Upper

91 100

92 60.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 21.239 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029276.D

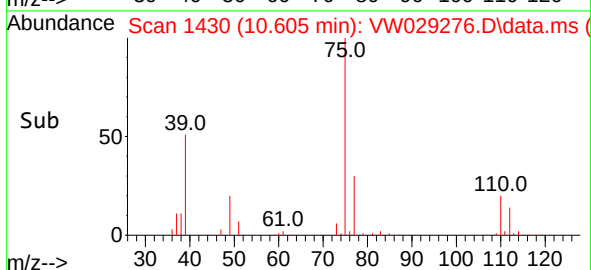
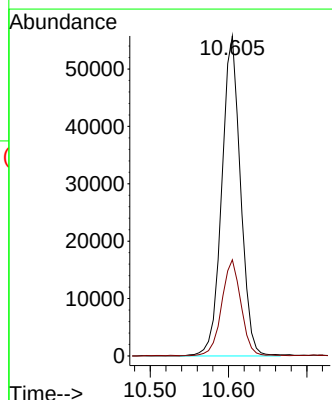
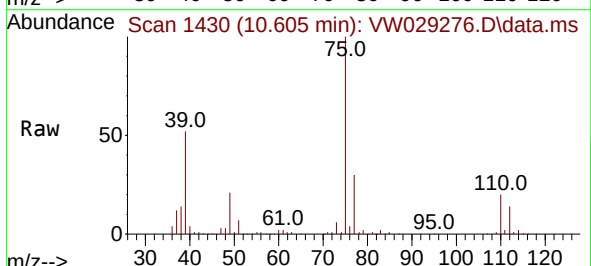
Acq: 20 Jun 2024 23:19

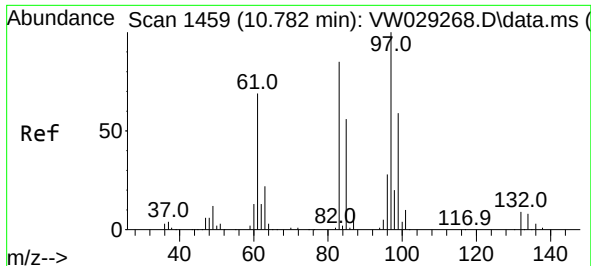
Tgt Ion: 75 Resp: 92853

Ion Ratio Lower Upper

75 100

77 30.0 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 34.358 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

Tgt Ion: 97 Resp: 87646

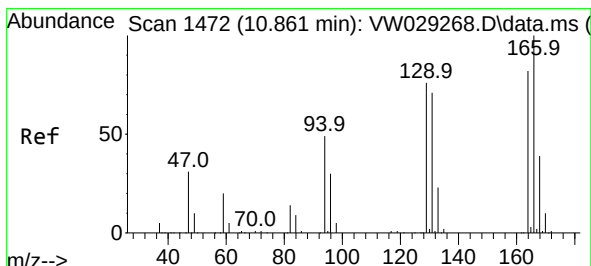
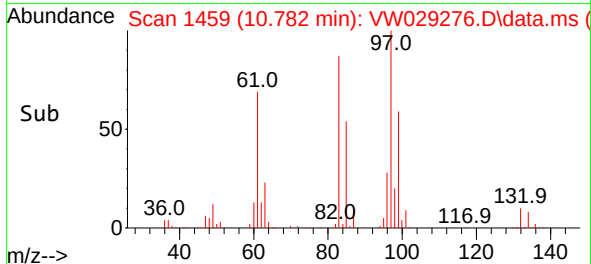
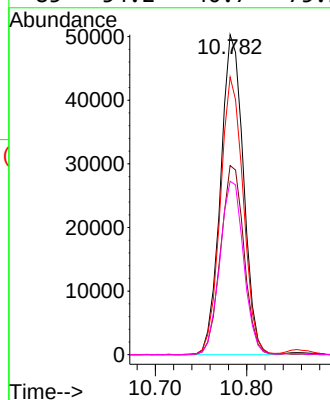
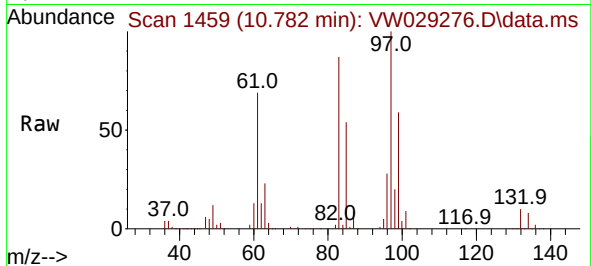
Ion Ratio Lower Upper

97 100

99 59.1 42.3 78.5

83 86.8 57.7 107.1

85 54.2 40.7 75.5



#46

Tetrachloroethene

Concen: 20.114 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Tgt Ion:164 Resp: 48897

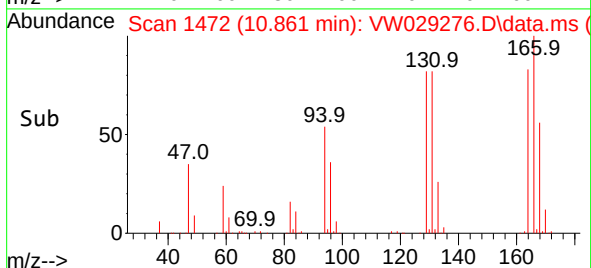
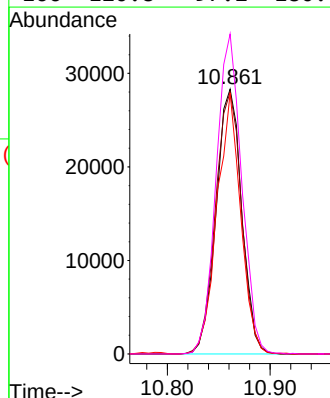
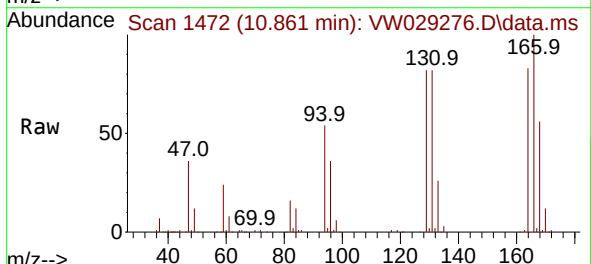
Ion Ratio Lower Upper

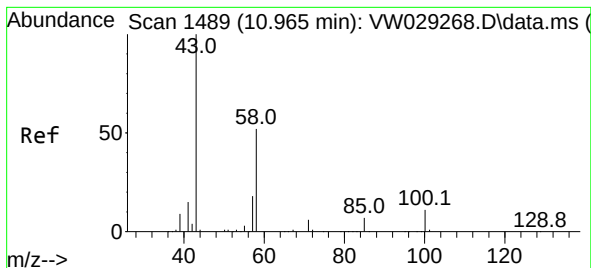
164 100

129 98.9 68.5 127.3

131 98.5 71.8 133.4

166 120.8 97.2 180.4





#48

2-Hexanone

Concen: 45.847 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

Tgt Ion: 43 Resp: 73854

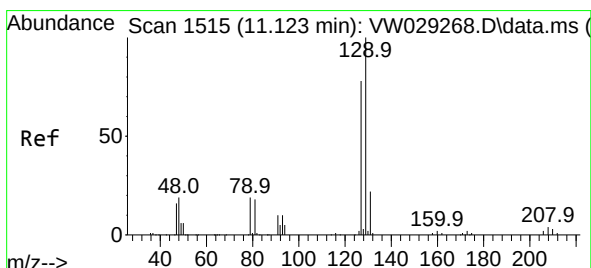
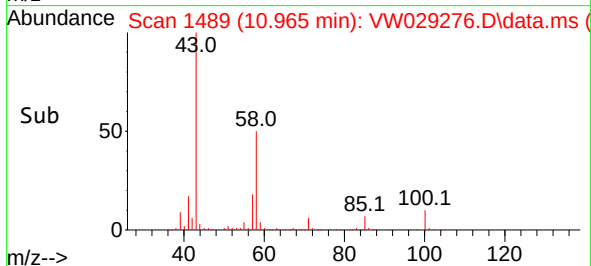
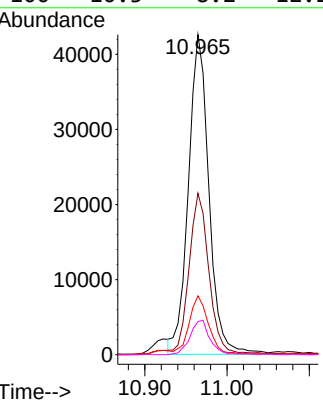
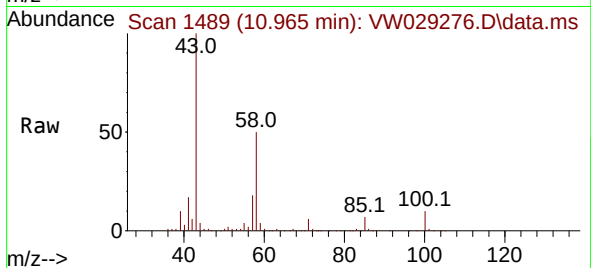
Ion Ratio Lower Upper

43 100

58 47.1 39.6 59.4

57 17.1 14.6 21.8

100 10.3 8.2 12.2



#49

Dibromochloromethane

Concen: 30.896 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029276.D

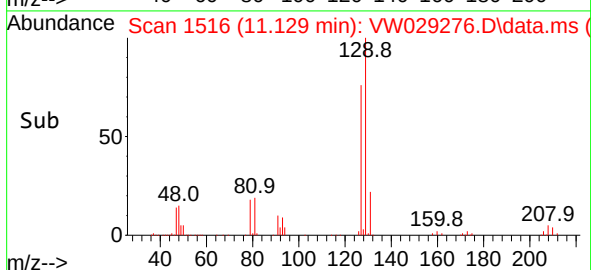
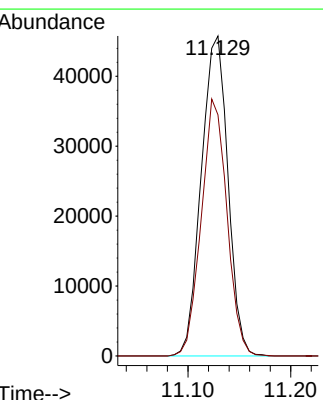
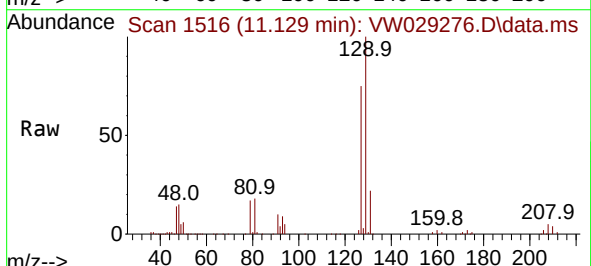
Acq: 20 Jun 2024 23:19

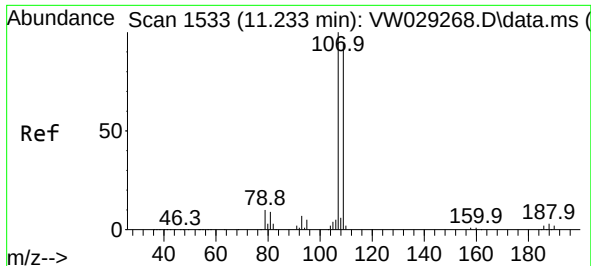
Tgt Ion:129 Resp: 82388

Ion Ratio Lower Upper

129 100

127 75.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 28.936 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

A4CS3MSD

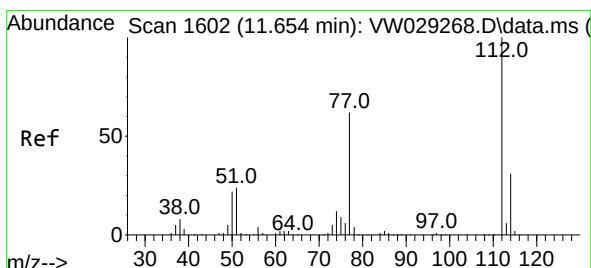
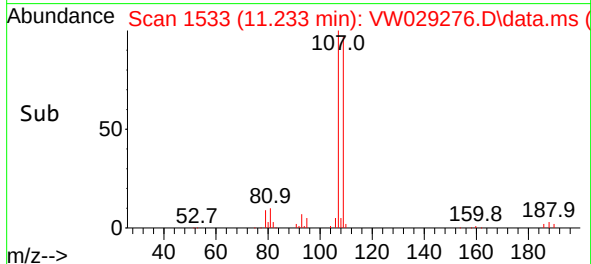
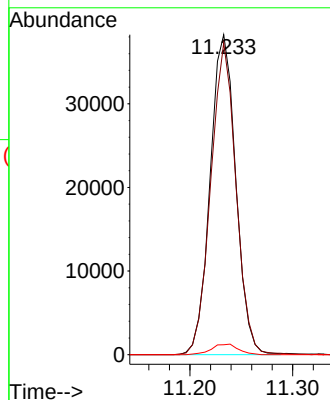
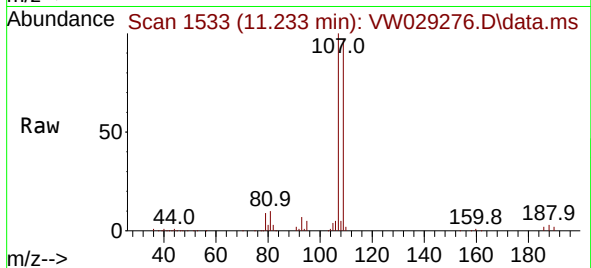
Tgt Ion:107 Resp: 66260

Ion Ratio Lower Upper

107 100

109 97.4 65.5 121.6

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 21.401 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

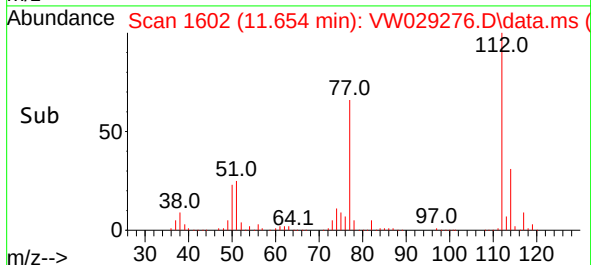
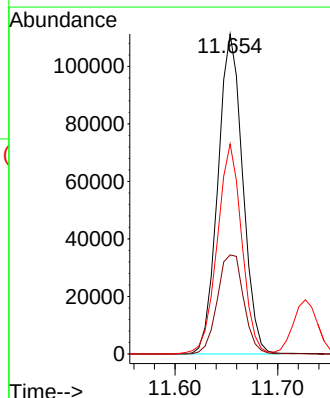
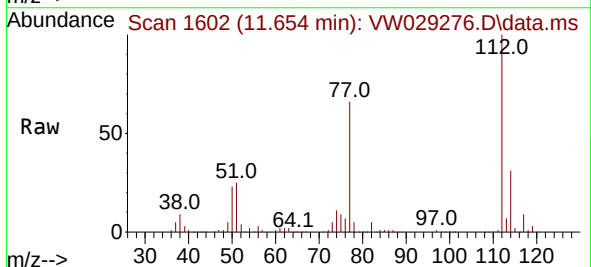
Tgt Ion:112 Resp: 186227

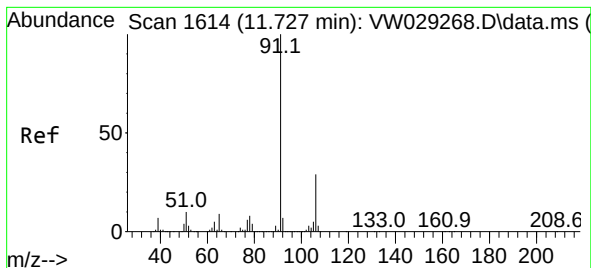
Ion Ratio Lower Upper

112 100

114 31.0 22.6 42.0

77 65.7 51.0 76.6

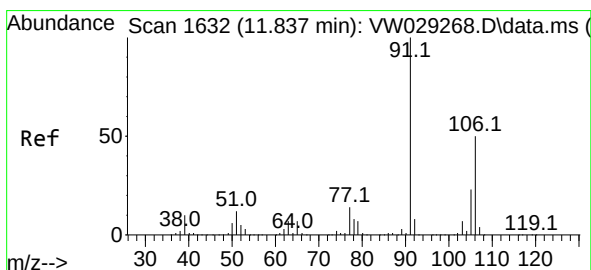
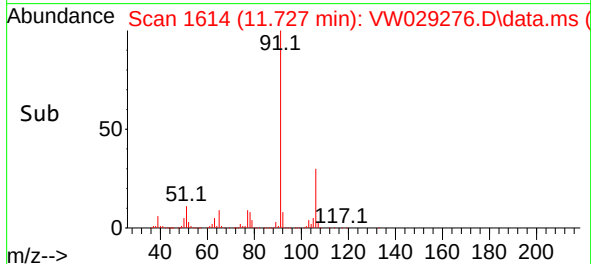
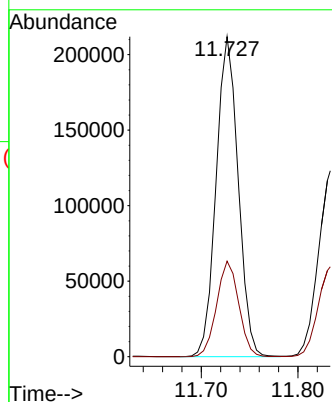
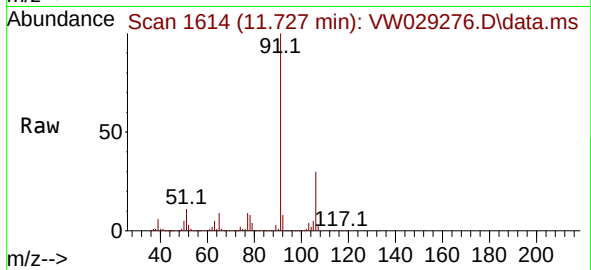




#52
Ethylbenzene
Concen: 22.022 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

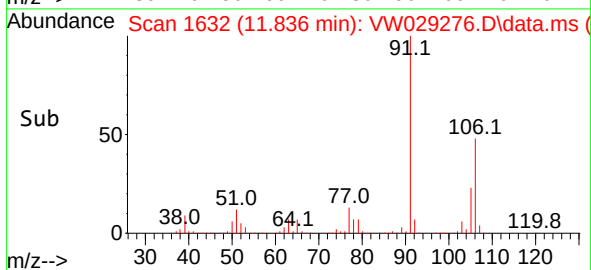
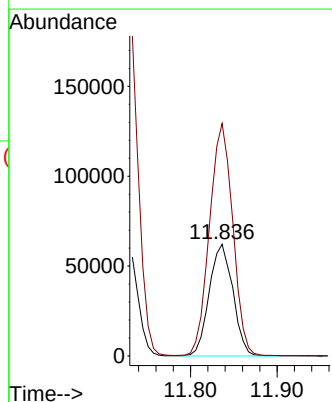
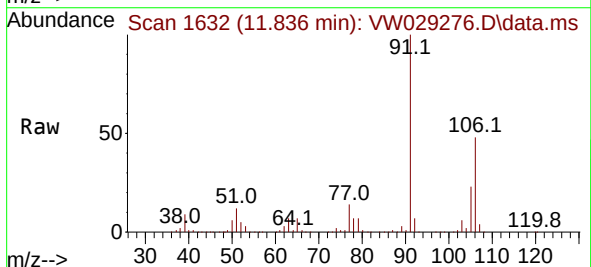
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

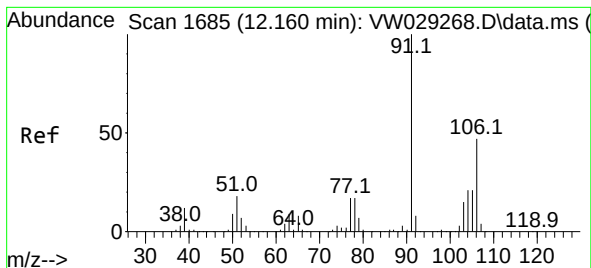
Tgt Ion: 91 Resp: 334970
Ion Ratio Lower Upper
91 100
106 29.9 19.9 37.0



#53
m,p-Xylene
Concen: 21.245 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 106 Resp: 118036
Ion Ratio Lower Upper
106 100
91 208.1 140.5 260.9





#54

o-Xylene

Concen: 22.759 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

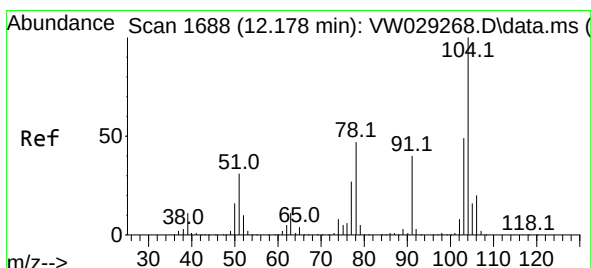
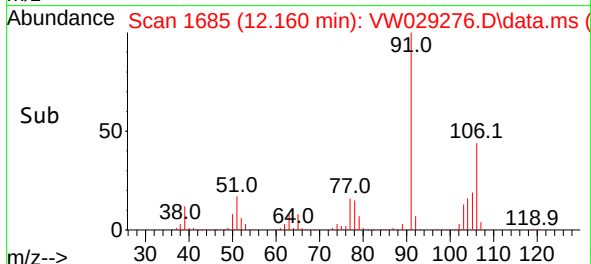
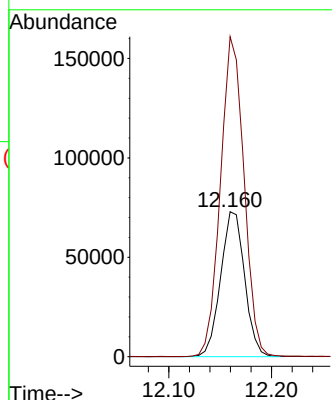
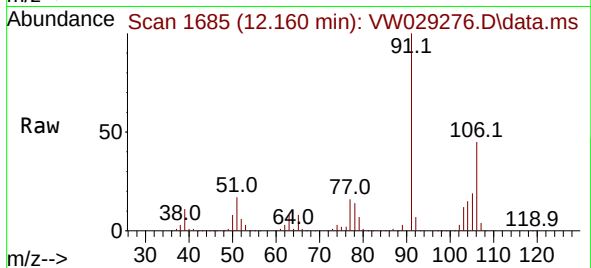
A4CS3MSD

Tgt Ion:106 Resp: 118178

Ion Ratio Lower Upper

106 100

91 220.8 149.9 278.5



#55

Styrene

Concen: 17.192 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029276.D

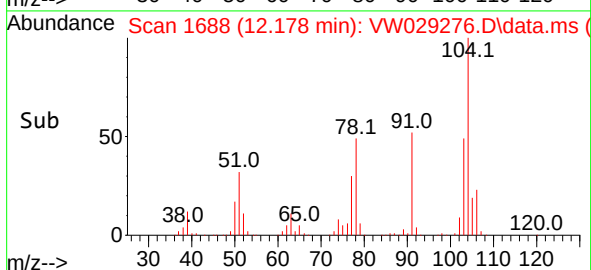
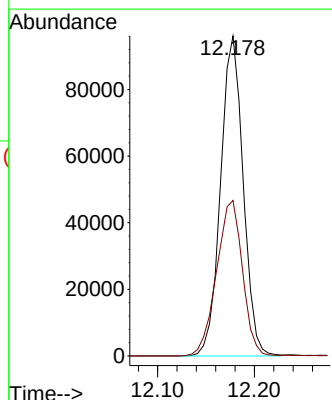
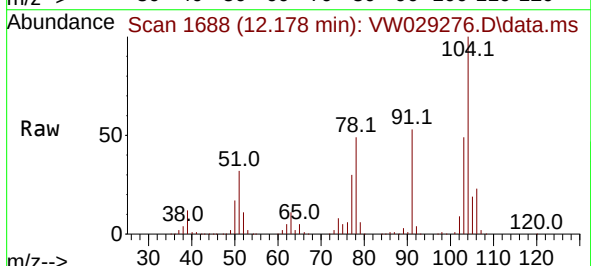
Acq: 20 Jun 2024 23:19

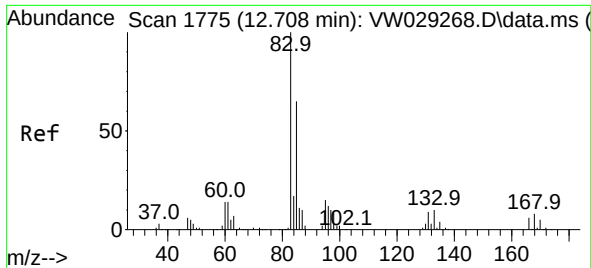
Tgt Ion:104 Resp: 155648

Ion Ratio Lower Upper

104 100

78 48.6 35.4 65.7

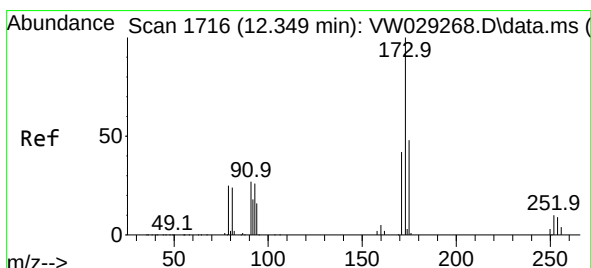
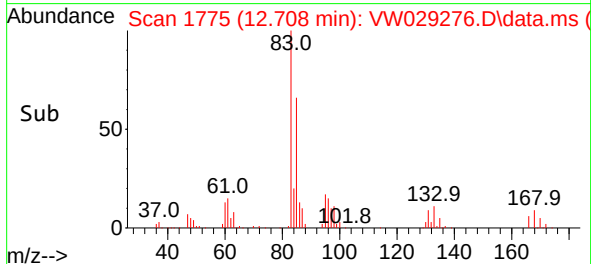
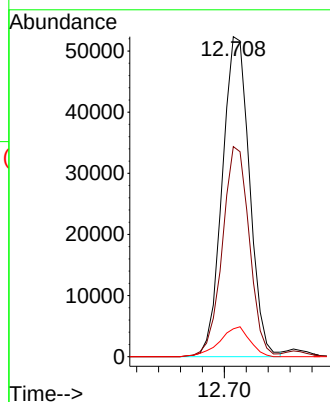
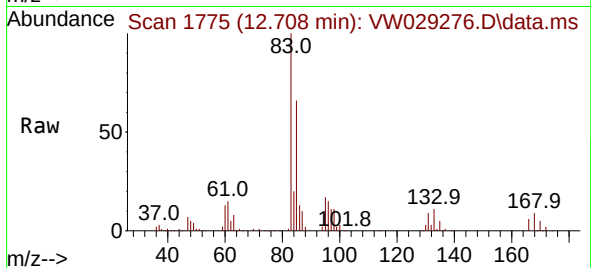




#57
1,1,2,2-Tetrachloroethane
Concen: 28.596 ug/L
RT: 12.708 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

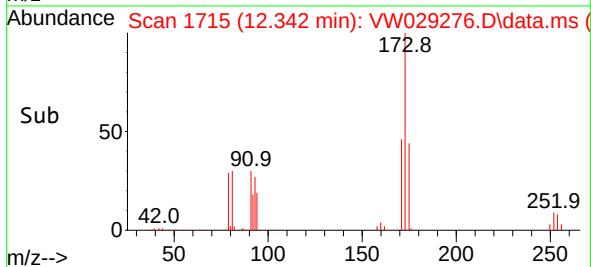
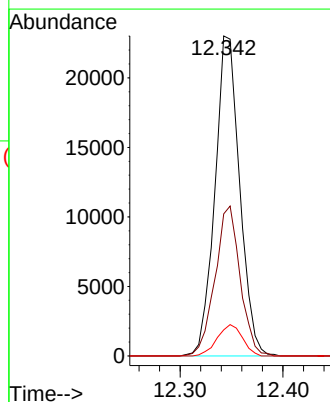
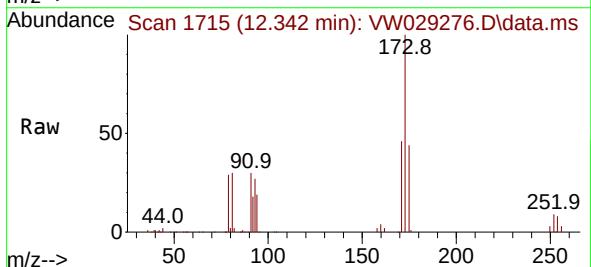
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

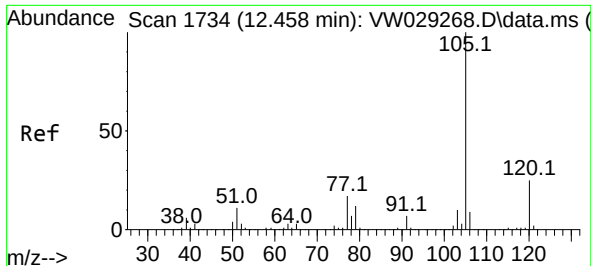
Tgt Ion: 83 Resp: 90233
Ion Ratio Lower Upper
83 100
85 65.7 45.8 85.0
131 8.7 7.8 11.6



#59
Bromoform
Concen: 47.694 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion:173 Resp: 38434
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.8
254 10.0 7.8 11.6

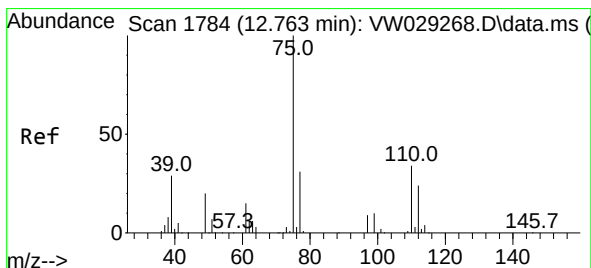
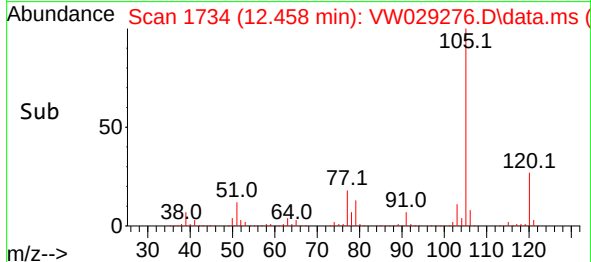
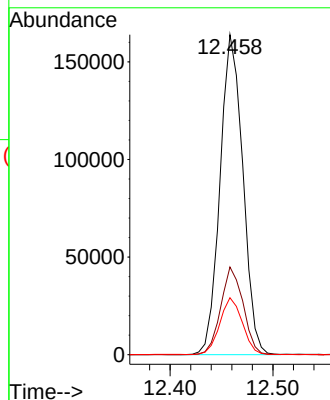
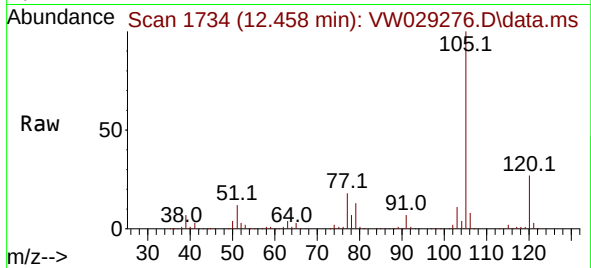




#60
Isopropylbenzene
Concen: 32.222 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

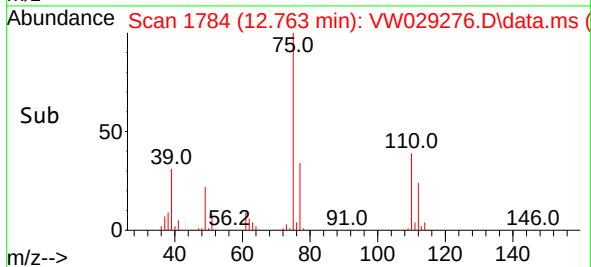
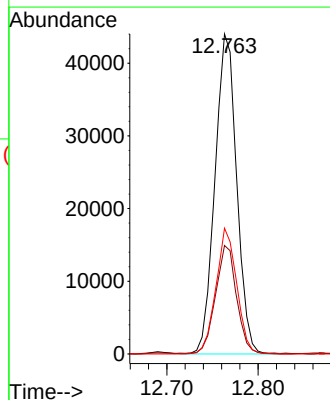
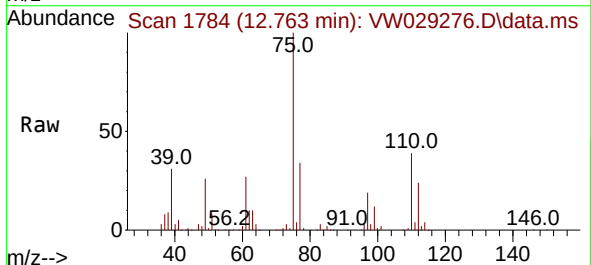
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

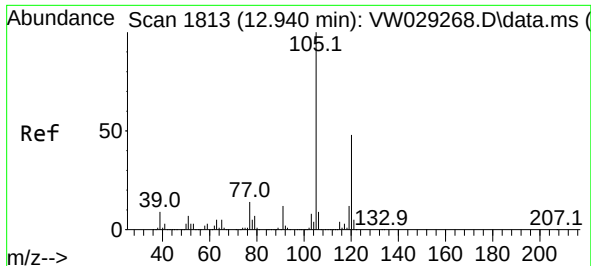
Tgt Ion:105 Resp: 252443
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 17.7 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 56.689 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion: 75 Resp: 72701
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 37.6 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 28.864 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029276.D

Acq: 20 Jun 2024 23:19

Instrument :

MSVOA_W

ClientSampleId :

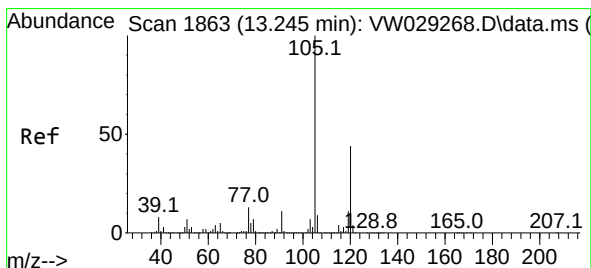
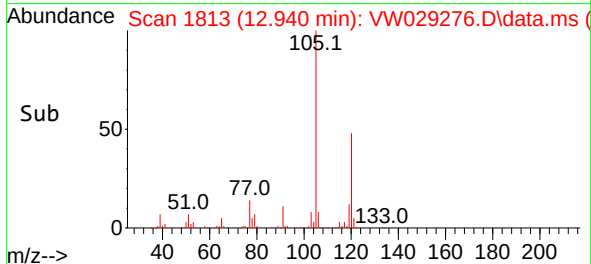
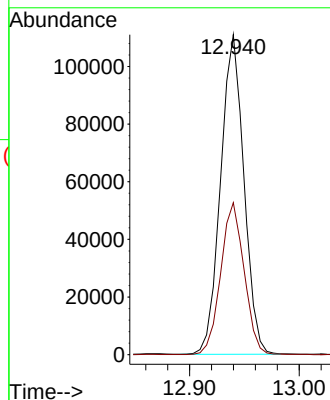
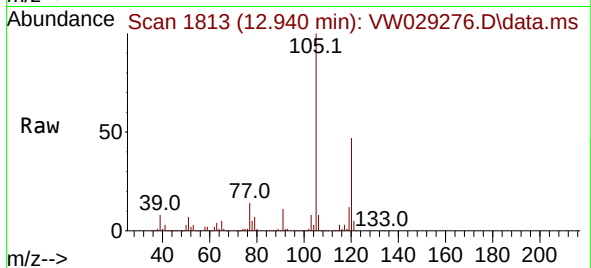
A4CS3MSD

Tgt Ion:105 Resp: 163774

Ion Ratio Lower Upper

105 100

120 47.8 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 27.532 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029276.D

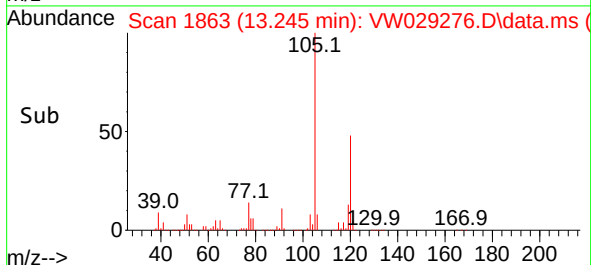
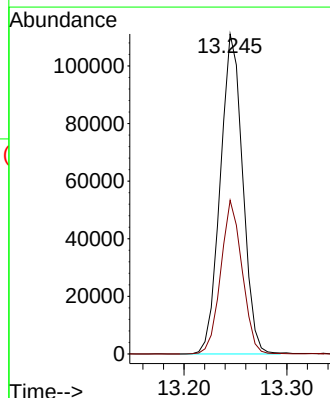
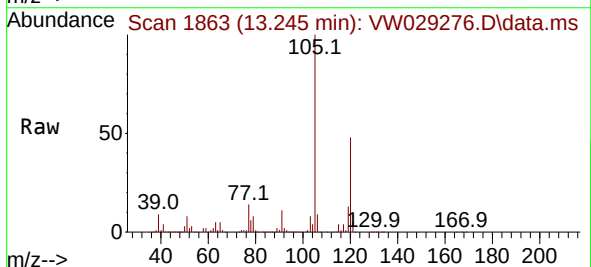
Acq: 20 Jun 2024 23:19

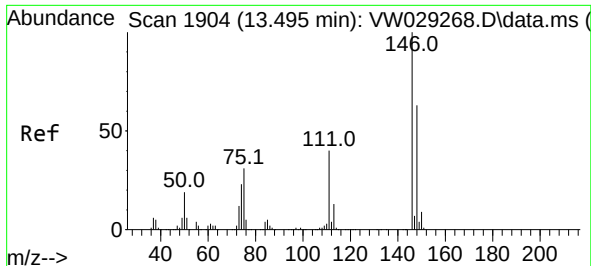
Tgt Ion:105 Resp: 168078

Ion Ratio Lower Upper

105 100

120 45.8 34.9 52.3

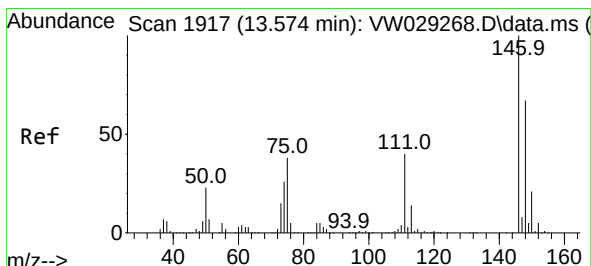
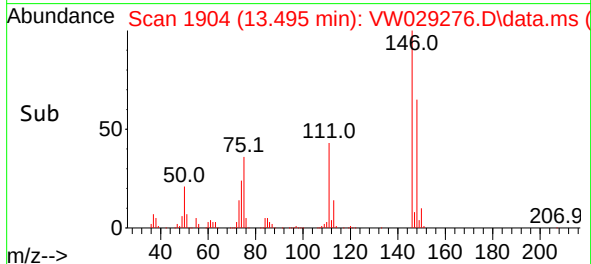
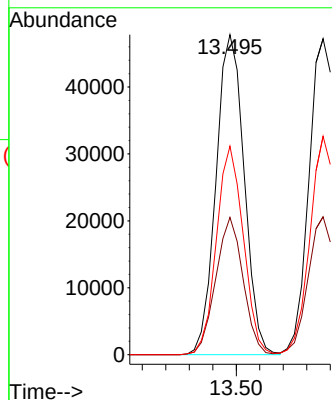
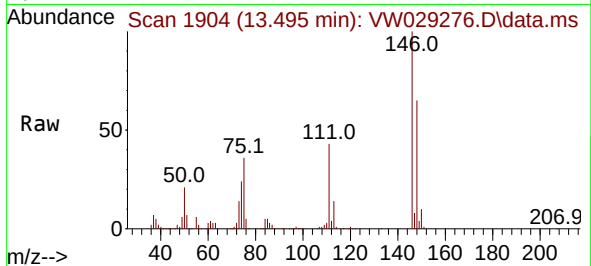




#64
1,3-Dichlorobenzene
Concen: 23.515 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

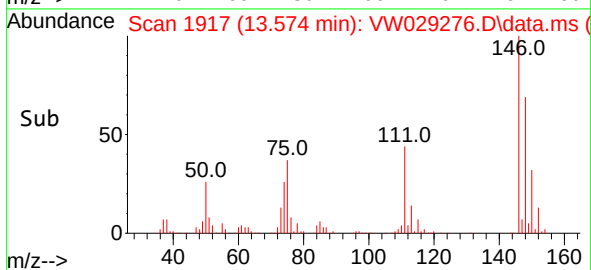
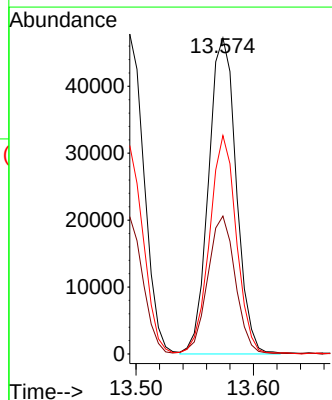
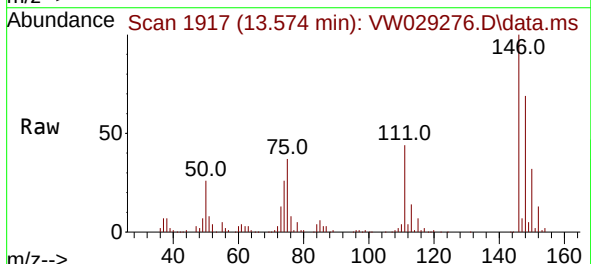
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

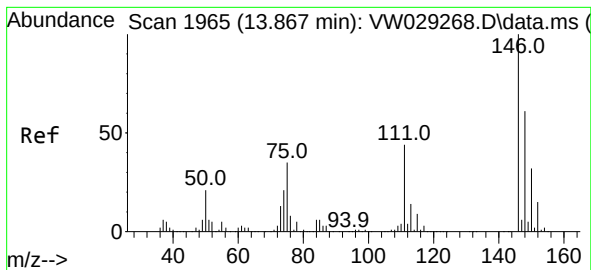
Tgt Ion:146 Resp: 79724
Ion Ratio Lower Upper
146 100
111 42.9 33.0 61.2
148 65.2 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 21.471 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion:146 Resp: 77451
Ion Ratio Lower Upper
146 100
111 43.7 28.9 53.7
148 69.1 42.0 78.0

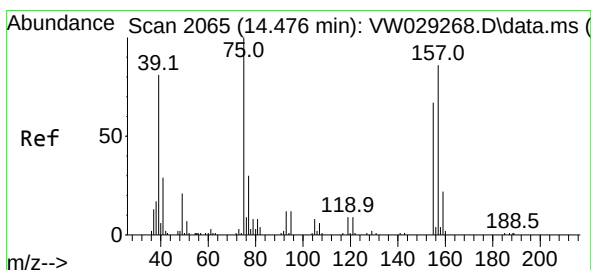
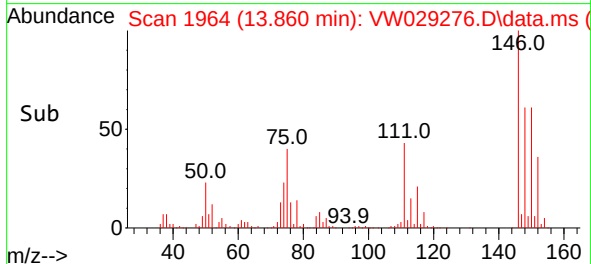
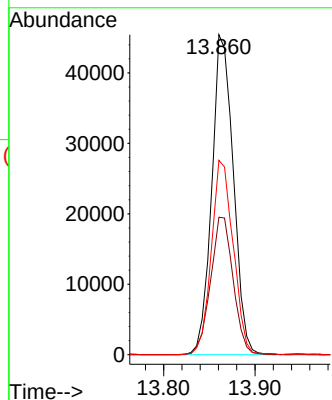
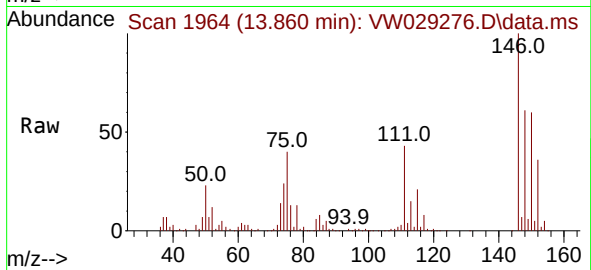




#67
1,2-Dichlorobenzene
Concen: 23.740 ug/L
RT: 13.860 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

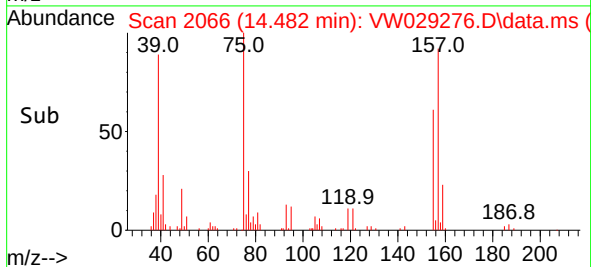
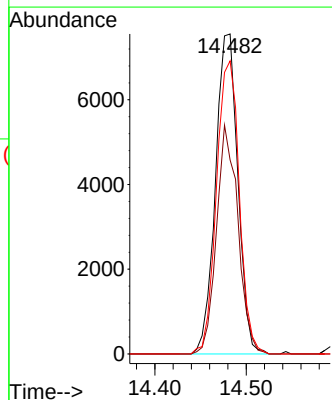
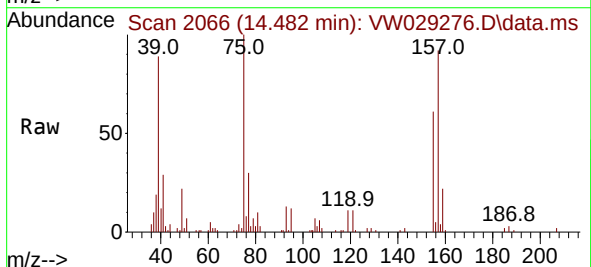
Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

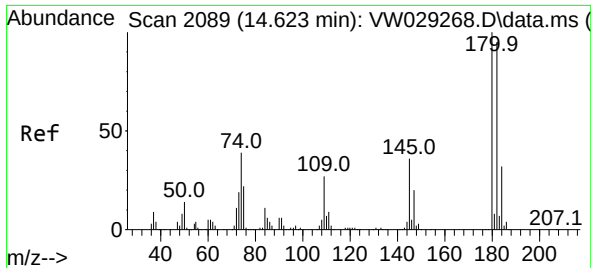
Tgt Ion:146 Resp: 74408
Ion Ratio Lower Upper
146 100
111 42.9 34.2 51.4
148 60.8 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 42.967 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

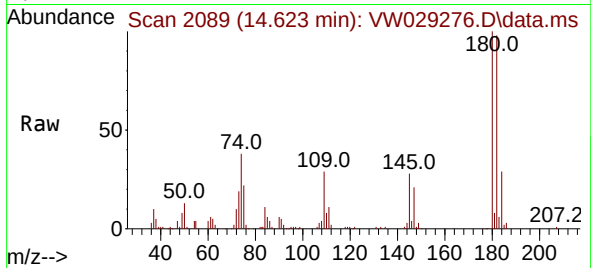
Tgt Ion: 75 Resp: 12859
Ion Ratio Lower Upper
75 100
155 60.6 51.0 76.6
157 91.6 58.8 88.2#



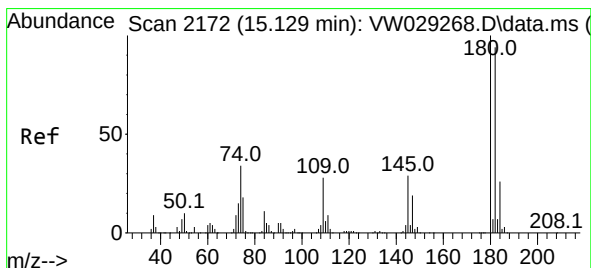
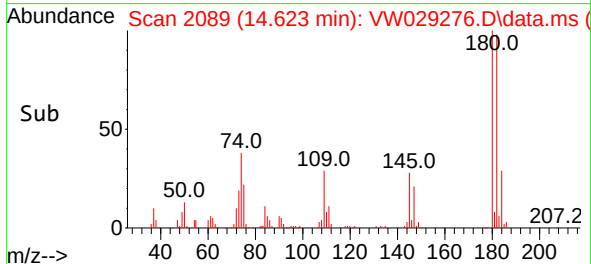
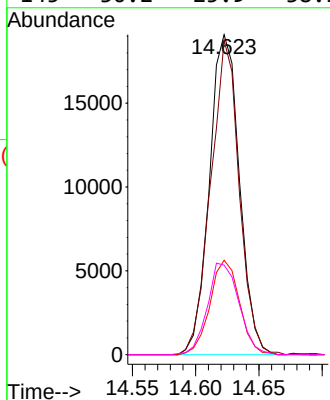


#69
 1,3,5-Trichlorobenzene
 Concen: 13.721 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW029276.D
 Acq: 20 Jun 2024 23:19

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

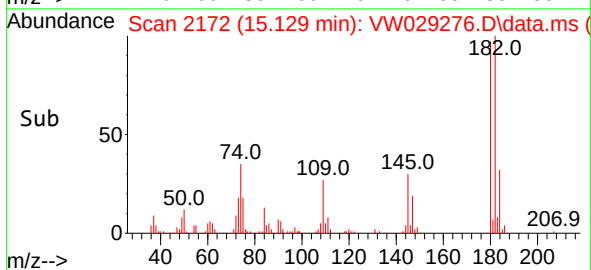
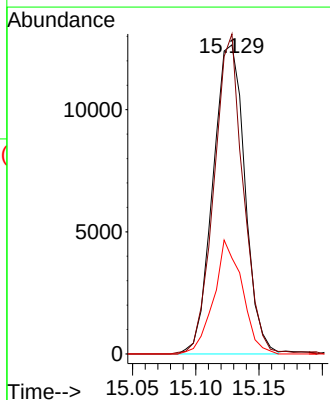
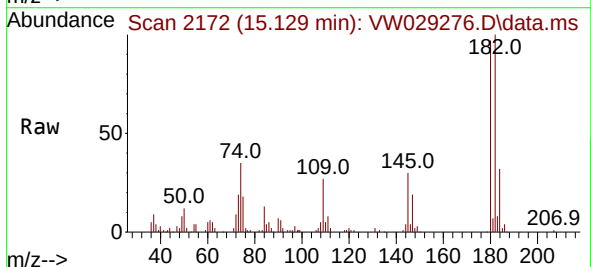


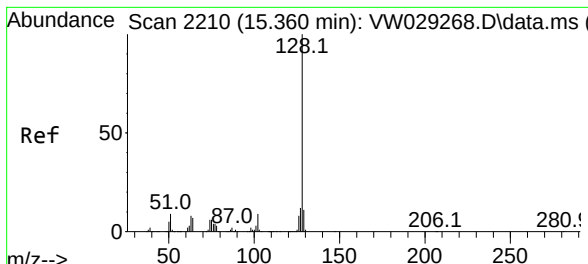
Tgt Ion:180 Resp: 31395
 Ion Ratio Lower Upper
 180 100
 182 93.4 72.9 109.3
 184 29.1 23.8 35.6
 145 30.2 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 11.964 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW029276.D
 Acq: 20 Jun 2024 23:19

Tgt Ion:180 Resp: 22192
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.7 116.5
 145 32.9 25.7 38.5

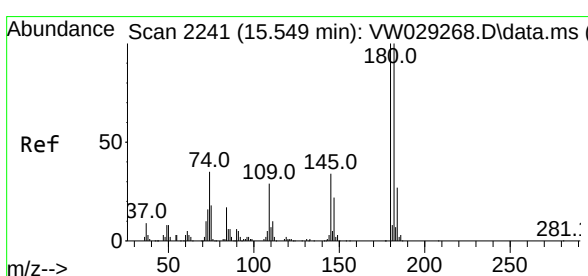
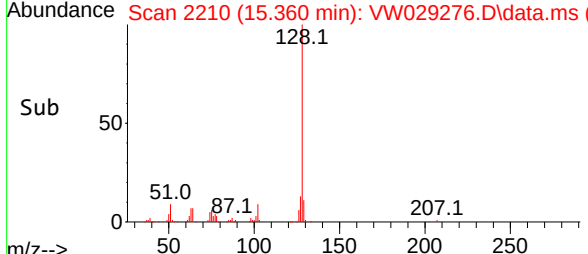
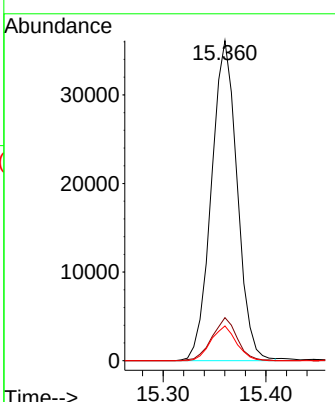
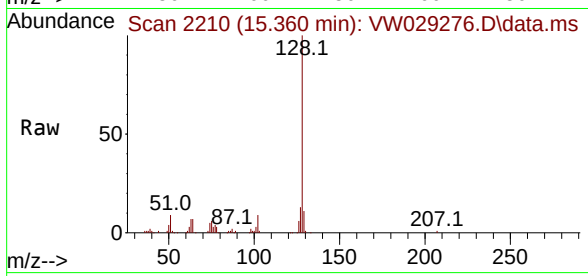




#71
Naphthalene
Concen: 17.168 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Instrument :
MSVOA_W
ClientSampleId :
A4CS3MSD

Tgt Ion:	128	Resp:	62849
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.6	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 11.102 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029276.D
Acq: 20 Jun 2024 23:19

Tgt Ion:	180	Resp:	18763
Ion Ratio	Lower	Upper	
180	100		
182	100.8	73.0	109.6
145	36.8	28.1	42.1

