

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081924\
 Data File : VW029941.D
 Acq On : 19 Aug 2024 10:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 02:32:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 17 00:33:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	195792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	182583	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94099	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58174	20.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
7) Chloroethane-d5	2.899	69	52062	26.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.015	65	24913	19.635	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.520%
21) 2-Butanone-d5	7.081	46	29764	39.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.140%
24) Chloroform-d	7.648	84	140771	27.774	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.080%
26) 1,2-Dichloroethane-d4	8.307	65	76141	26.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.480%
32) Benzene-d6	8.276	84	251080	25.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.270	67	78368	24.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	10.325	98	234048	26.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	10.575	79	31054	24.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.440%
47) 2-Hexanone-d5	10.922	63	22988	44.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67971	29.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	77295	26.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	58681	22.235	ug/L	95
3) Chloromethane	2.222	50	62994	19.289	ug/L	97
5) Vinyl chloride	2.375	62	84816	23.179	ug/L	93
6) Bromomethane	2.789	94	56467	28.102	ug/L	98
8) Chloroethane	2.936	64	56408	27.098	ug/L	94
9) Trichlorofluoromethane	3.265	101	80312	27.477	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78489	26.962	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	65533	24.500	ug/L	91
13) Acetone	4.124	43	35286	37.269	ug/L	95
14) Carbon disulfide	4.393	76	182395	20.491	ug/L	99
15) Methyl Acetate	4.673	43	31705	20.105	ug/L	93
16) Methylene chloride	4.917	84	81243	19.849	ug/L	87
17) trans-1,2-Dichloroethene	5.423	96	74102	25.709	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	111060	23.378	ug/L	99
19) 1,1-Dichloroethane	6.216	63	150929	24.827	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	84400	26.994	ug/L	89
22) 2-Butanone	7.173	43	44615	36.777	ug/L	88
23) Bromochloromethane	7.514	128	36098	27.196	ug/L	85
25) Chloroform	7.673	83	164227	28.673	ug/L	94

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

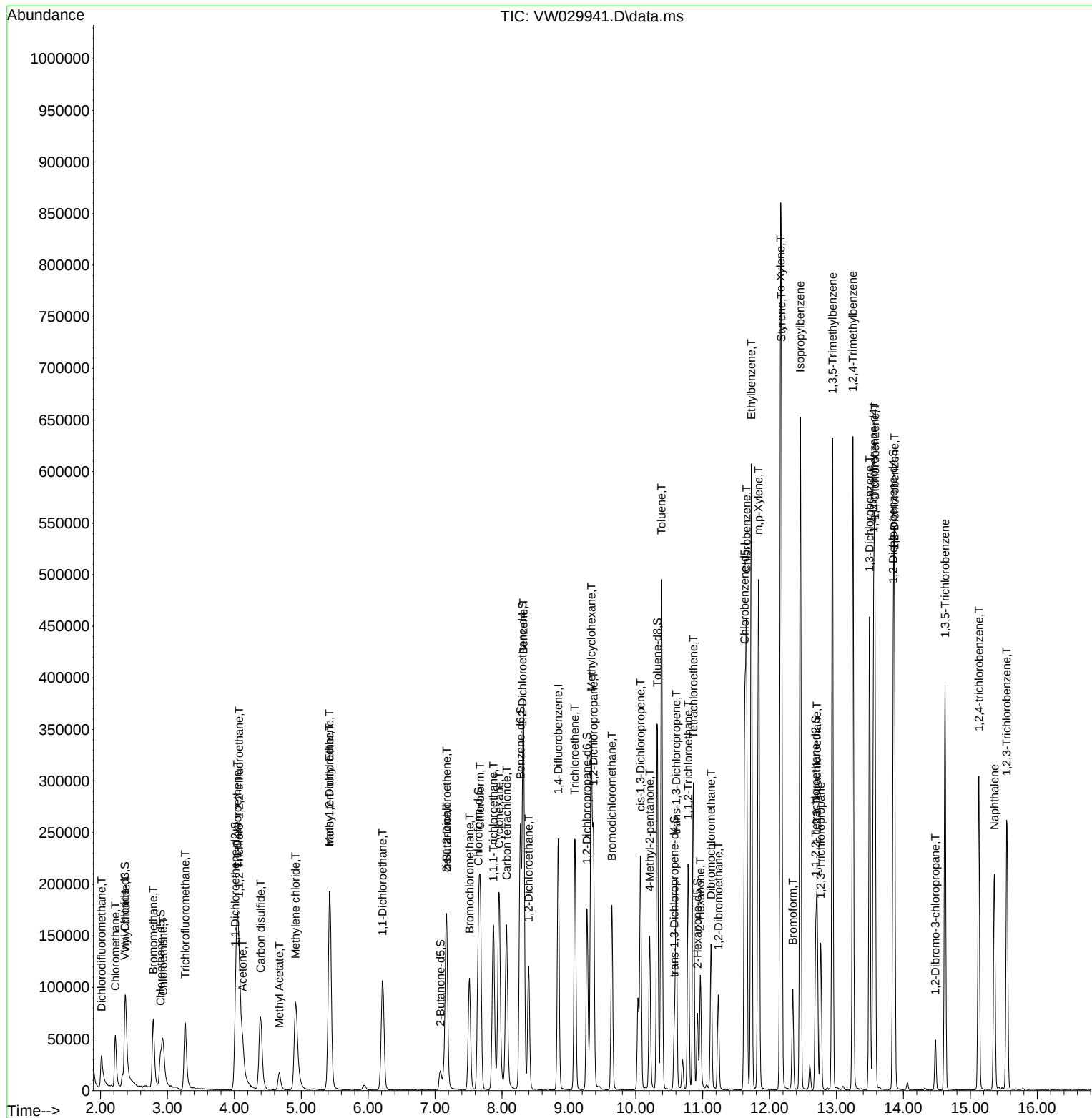
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109109	26.140	ug/L	99
29) Cyclohexane	7.959	56	103352	19.919	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	128947	27.888	ug/L	97
31) Carbon tetrachloride	8.069	117	119313	28.638	ug/L	100
33) Benzene	8.319	78	330384	26.409	ug/L	100
34) Trichloroethene	9.087	95	87708	26.744	ug/L	92
35) Methylcyclohexane	9.337	83	133914	24.505	ug/L	93
37) 1,2-Dichloropropane	9.367	63	86263	25.162	ug/L	99
38) Bromodichloromethane	9.642	83	116138	28.448	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	126081	25.253	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	92530	42.492	ug/L #	94
42) Toluene	10.386	91	355736	27.858	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	108975	26.293	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	66021	28.666	ug/L	95
46) Tetrachloroethene	10.861	164	62673	26.293	ug/L	87
48) 2-Hexanone	10.965	43	67512	41.395	ug/L #	94
49) Dibromochloromethane	11.123	129	72337	30.255	ug/L	93
50) 1,2-Dibromoethane	11.233	107	59747	28.037	ug/L	94
51) Chlorobenzene	11.654	112	218501	27.509	ug/L	94
52) Ethylbenzene	11.727	91	409170	28.406	ug/L	96
53) m,p-Xylene	11.836	106	150636	28.436	ug/L	93
54) o-Xylene	12.166	106	140038	28.706	ug/L	96
55) Styrene	12.178	104	247875	29.314	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	81080	28.683	ug/L	99
59) Bromoform	12.349	173	40439	28.560	ug/L	97
60) Isopropylbenzene	12.458	105	394299	27.079	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	56762	24.802	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	314627	29.070	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	321164	27.746	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	167366	26.940	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	176326	27.631	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	152779	27.011	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12518	24.089	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	111800	26.303	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	91281	25.491	ug/L	96
71) Naphthalene	15.360	128	170399	24.939	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	83805	25.857	ug/L	98

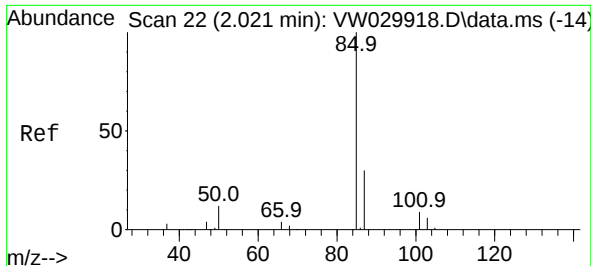
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW029941.D
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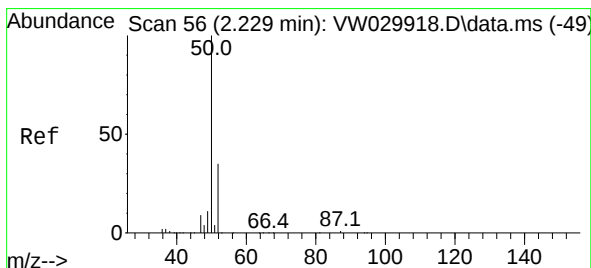
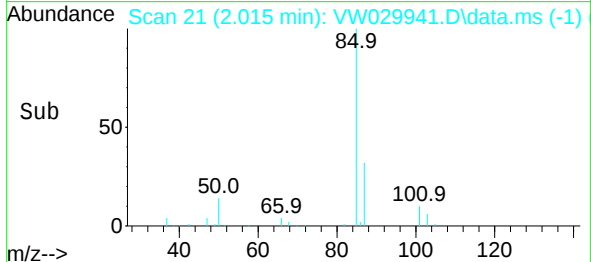
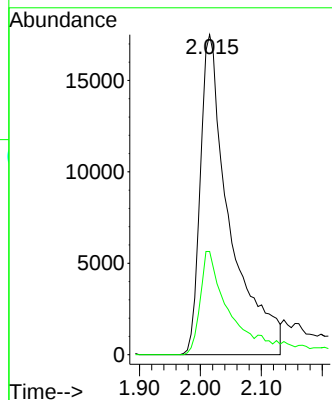
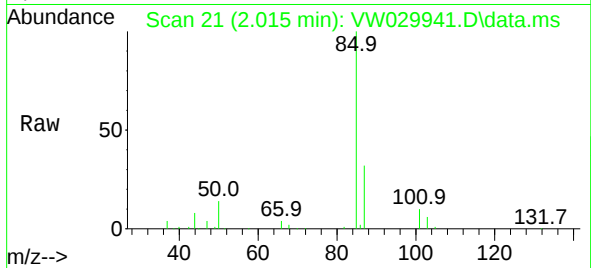




#2
 Dichlorodifluoromethane
 Concen: 22.235 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029941.D
 Acq: 19 Aug 2024 10:26

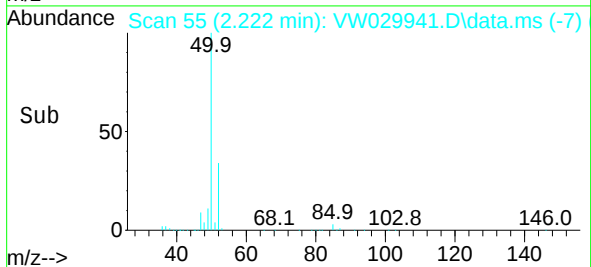
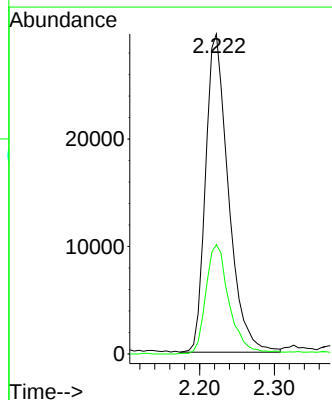
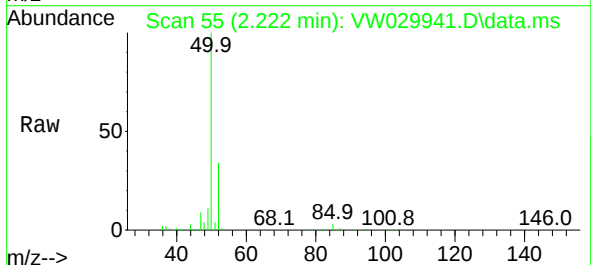
Instrument :
 MSVOA_W
 ClientSampleId :

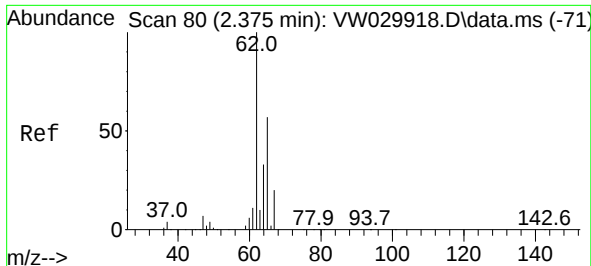
Tgt Ion: 85 Resp: 58681
 Ion Ratio Lower Upper
 85 100
 87 28.9 25.5 38.3



#3
 Chloromethane
 Concen: 19.289 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029941.D
 Acq: 19 Aug 2024 10:26

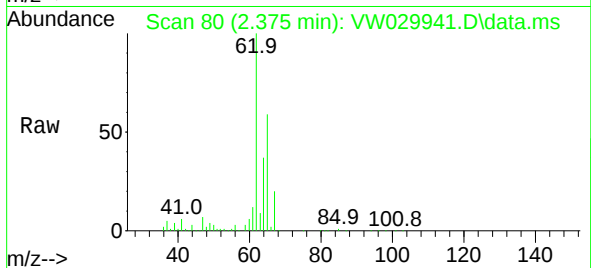
Tgt Ion: 50 Resp: 62994
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.5 41.9



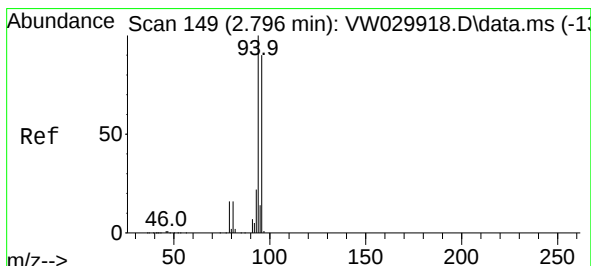
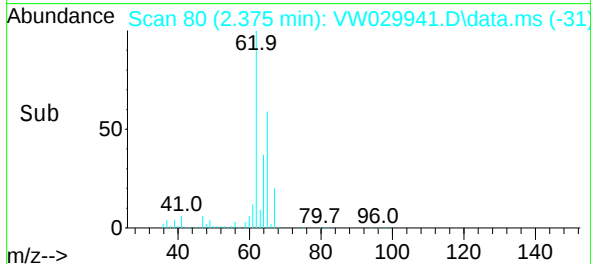
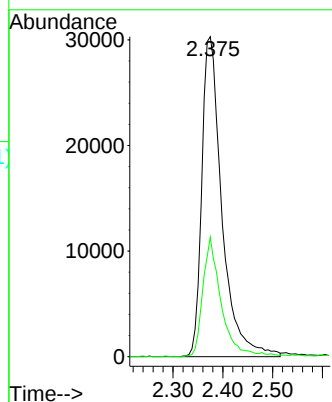


#5
 Vinyl chloride
 Concen: 23.179 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029941.D
 Acq: 19 Aug 2024 10:26

Instrument :
 MSVOA_W
 ClientSampleId :

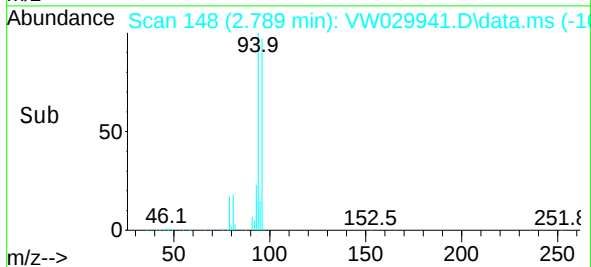
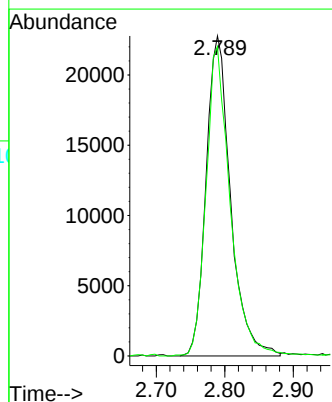
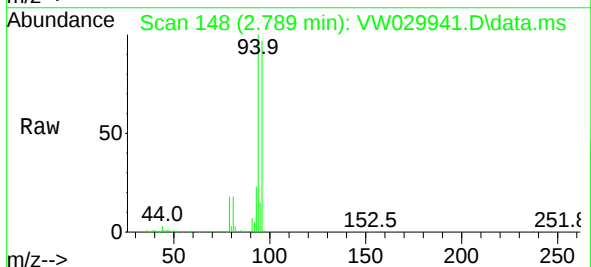


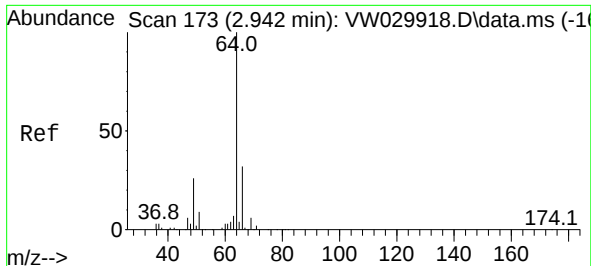
Tgt Ion: 62 Resp: 84816
 Ion Ratio Lower Upper
 62 100
 64 37.3 23.2 43.2



#6
 Bromomethane
 Concen: 28.102 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029941.D
 Acq: 19 Aug 2024 10:26

Tgt Ion: 94 Resp: 56467
 Ion Ratio Lower Upper
 94 100
 96 96.6 66.2 123.0

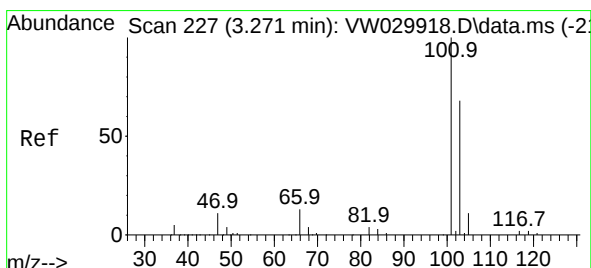
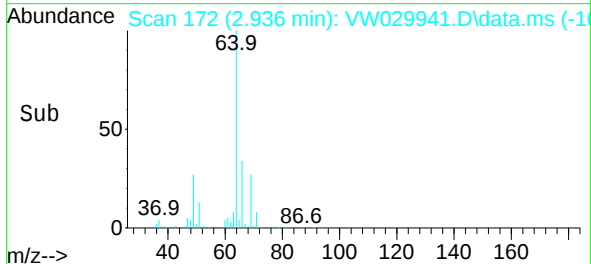
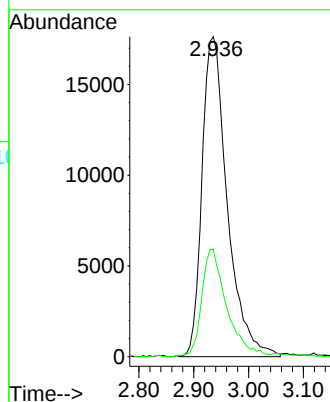
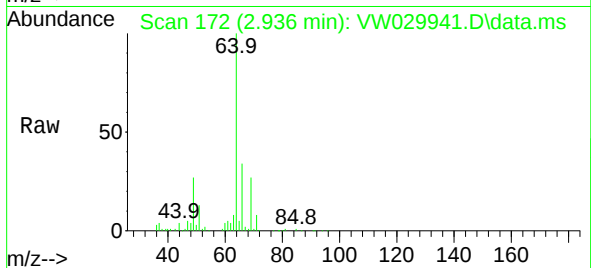




#8
Chloroethane
Concen: 27.098 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

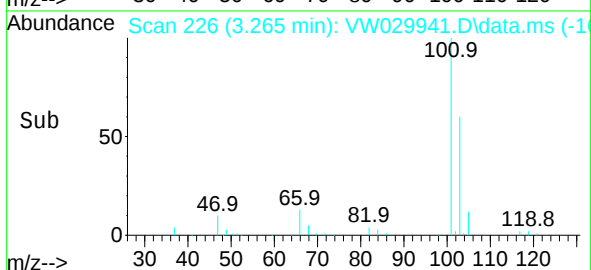
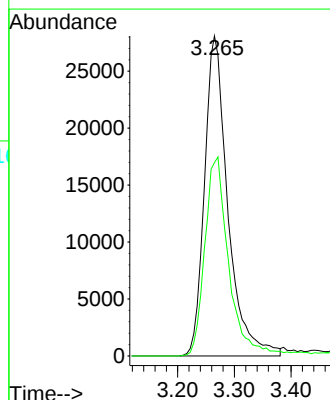
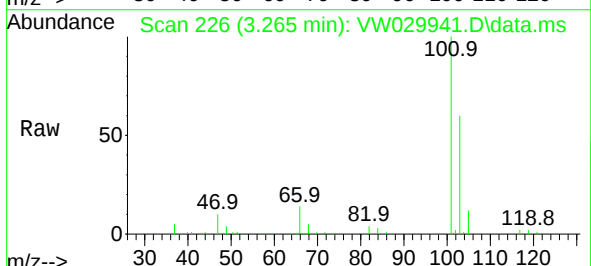
Instrument :
MSVOA_W
ClientSampleId :

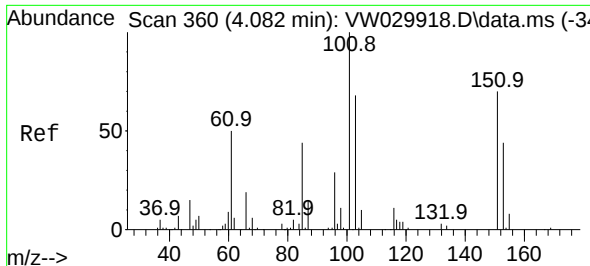
Tgt Ion: 64 Resp: 56408
Ion Ratio Lower Upper
64 100
66 33.6 21.2 39.4



#9
Trichlorofluoromethane
Concen: 27.477 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Tgt Ion:101 Resp: 80312
Ion Ratio Lower Upper
101 100
103 62.7 51.0 76.4





#10

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

Concen: 26.962 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

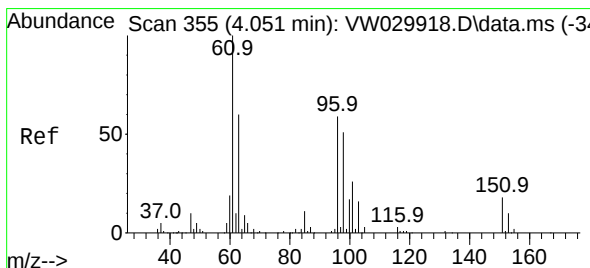
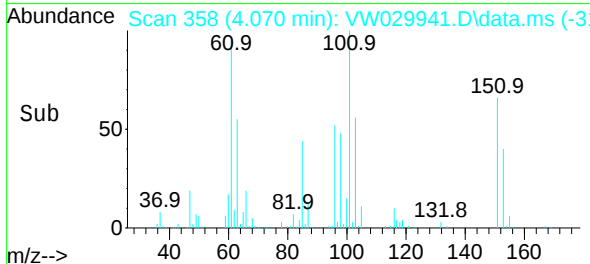
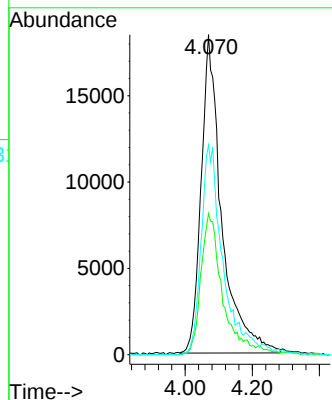
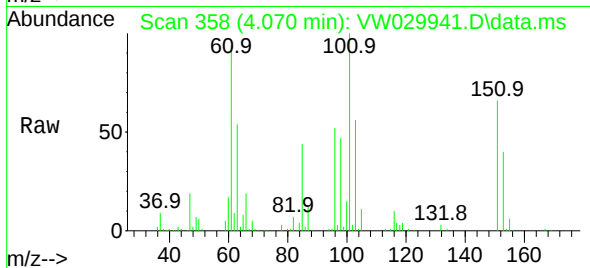
Tgt Ion:101 Resp: 78489

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

151 31.7 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 24.500 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

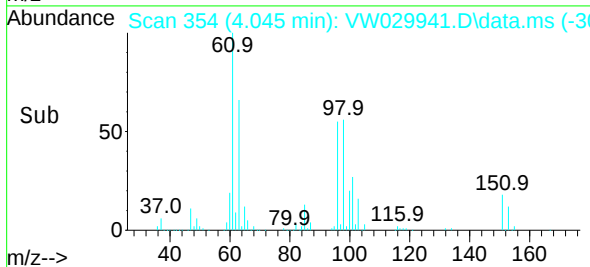
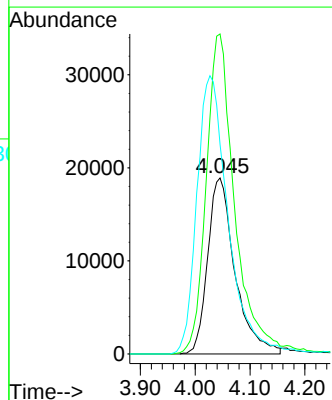
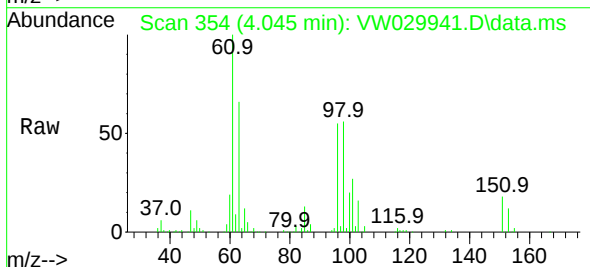
Tgt Ion: 96 Resp: 65533

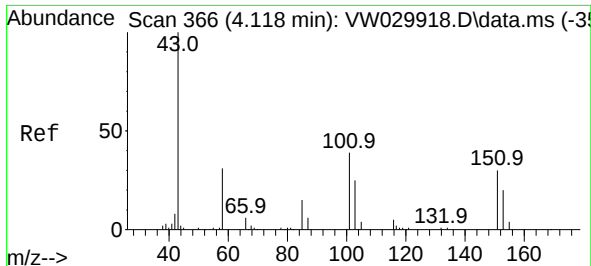
Ion Ratio Lower Upper

96 100

61 181.8 138.3 256.9

63 119.1 89.0 165.4

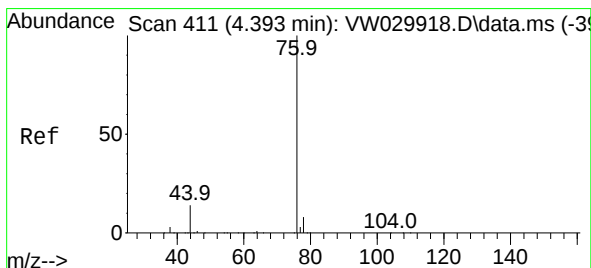
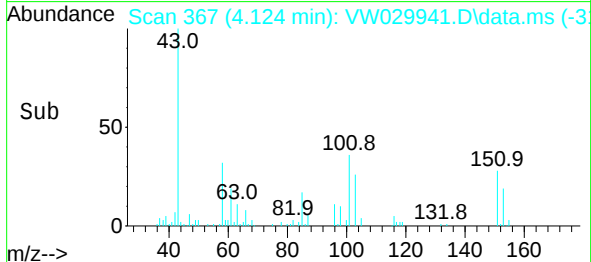
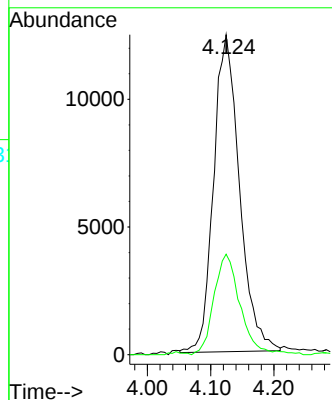
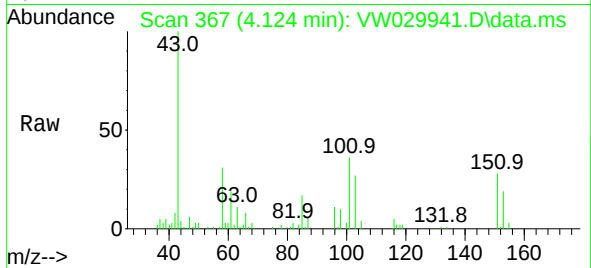




#13
Acetone
Concen: 37.269 ug/L
RT: 4.124 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

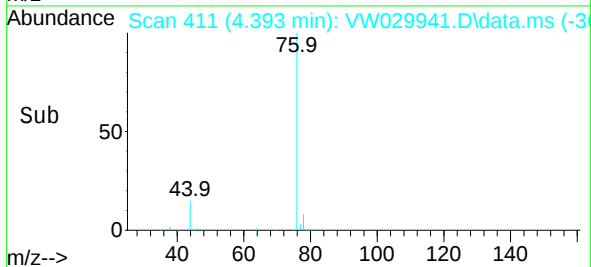
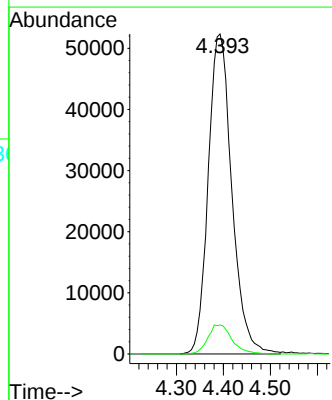
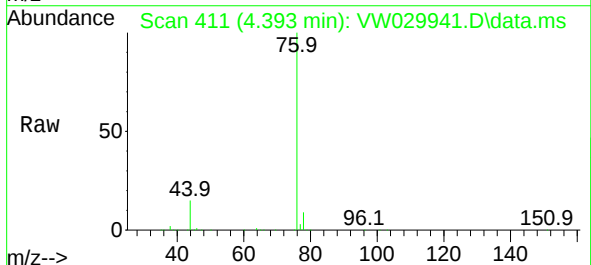
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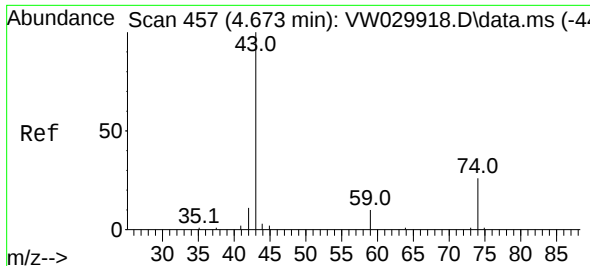
Tgt Ion: 43 Resp: 35286
Ion Ratio Lower Upper
43 100
58 31.5 0.0 57.6



#14
Carbon disulfide
Concen: 20.491 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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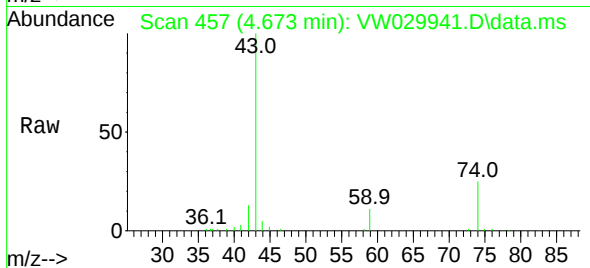
Tgt Ion: 76 Resp: 182395
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



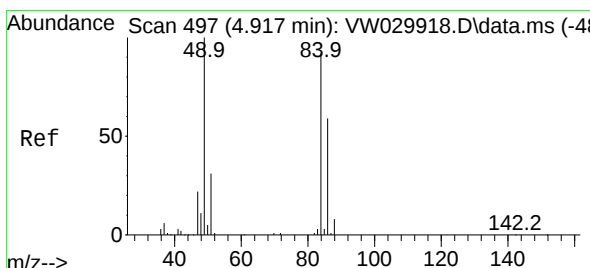
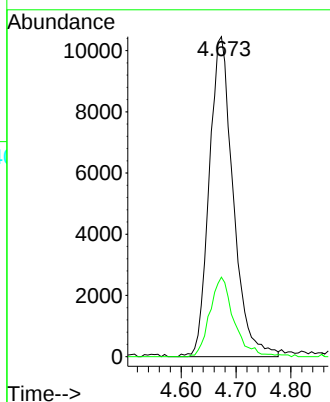
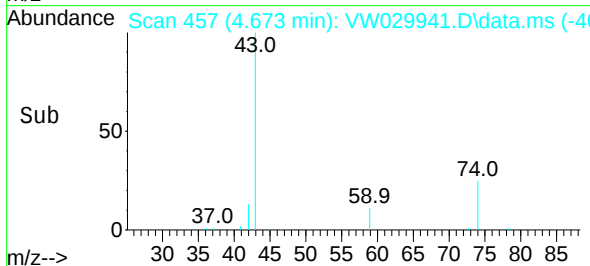


#15
Methyl Acetate
Concen: 20.105 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Instrument :
MSVOA_W
ClientSampleId :

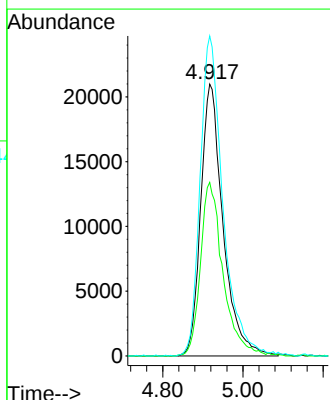
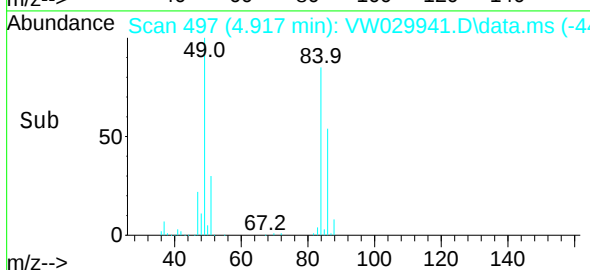
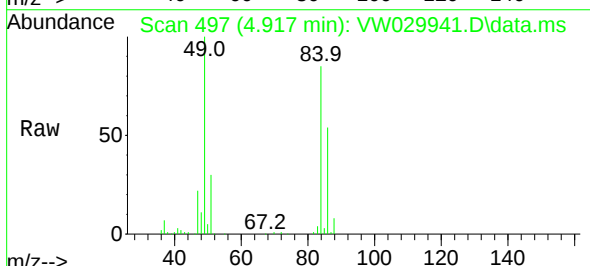


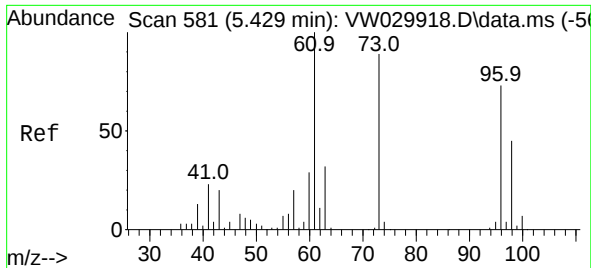
Tgt Ion: 43 Resp: 31705
Ion Ratio Lower Upper
43 100
74 23.8 16.5 24.7



#16
Methylene chloride
Concen: 19.849 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

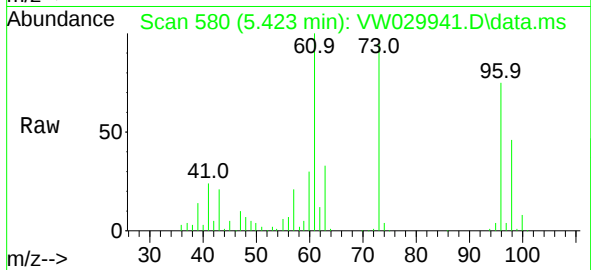
Tgt Ion: 84 Resp: 81243
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 117.7 99.0 184.0





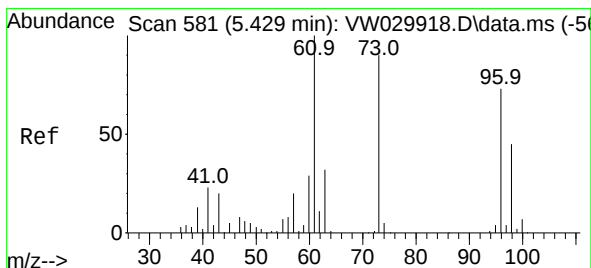
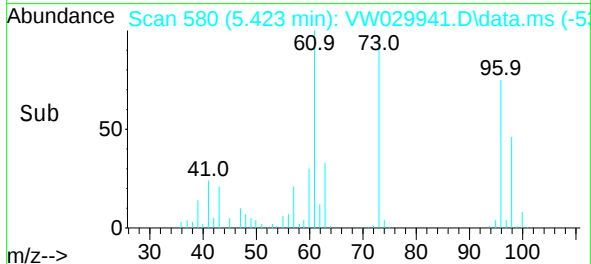
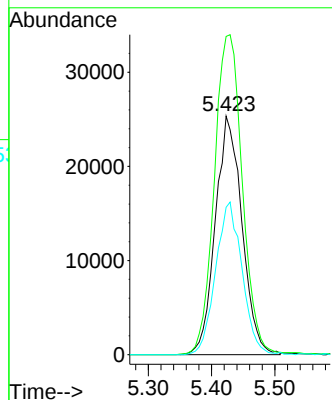
#17
trans-1,2-Dichloroethene
Concen: 25.709 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 74102

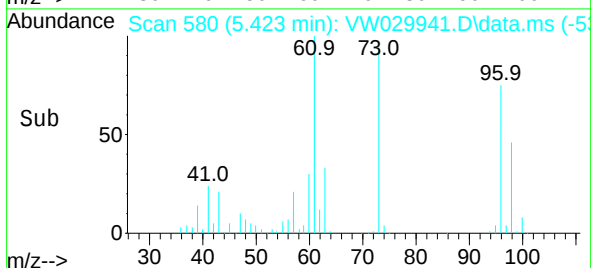
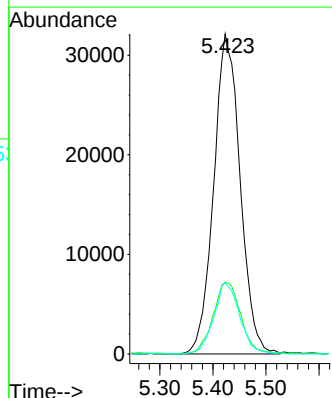
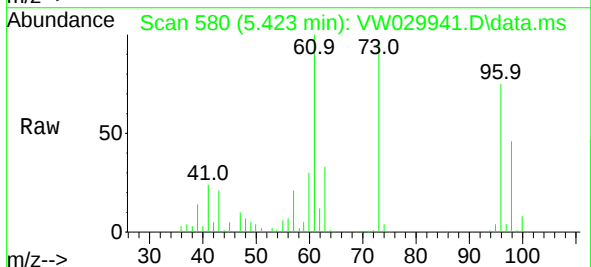
Ion	Ratio	Lower	Upper
96	100		
61	133.4	111.2	206.6
98	61.8	45.0	83.6

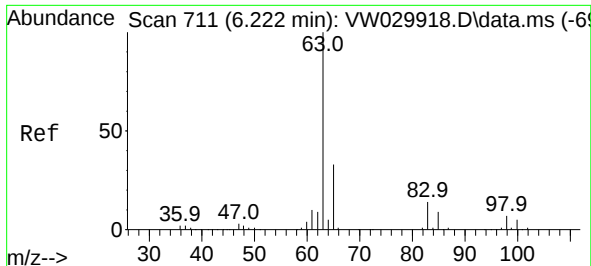


#18
Methyl tert-butyl Ether
Concen: 23.378 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Tgt Ion: 73 Resp: 111060

Ion	Ratio	Lower	Upper
73	100		
43	22.8	18.3	27.5
57	21.9	17.9	26.9





#19

1,1-Dichloroethane

Concen: 24.827 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

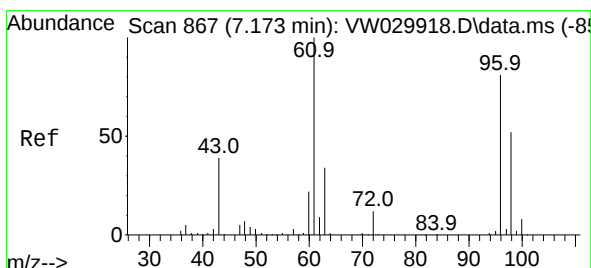
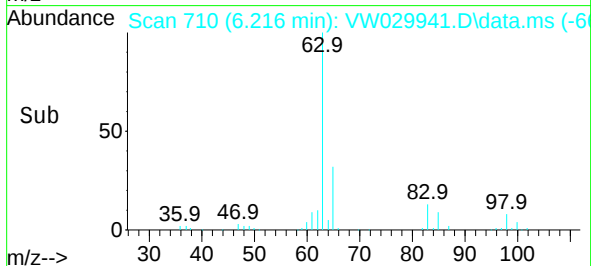
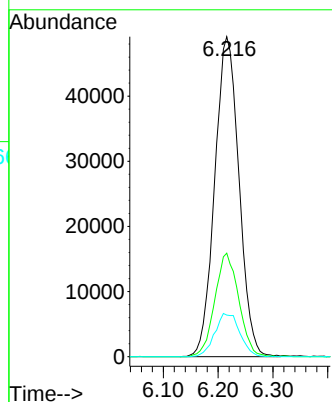
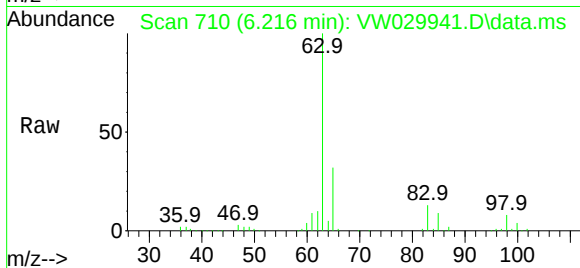
Tgt Ion: 63 Resp: 150929

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 13.0 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 26.994 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

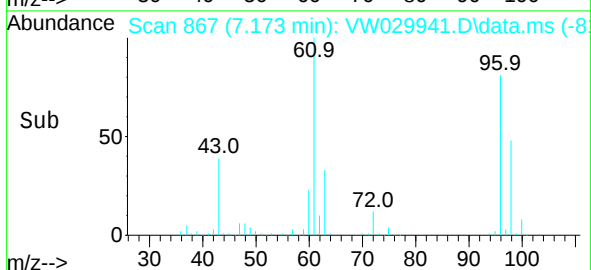
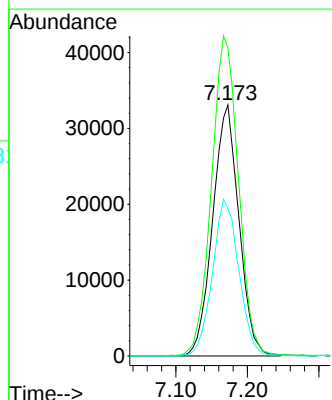
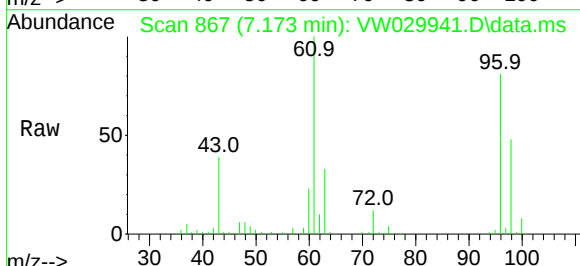
Tgt Ion: 96 Resp: 84400

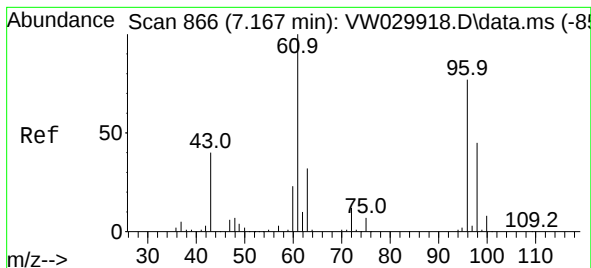
Ion Ratio Lower Upper

96 100

61 122.9 98.2 182.4

98 58.7 41.9 77.9





#22

2-Butanone

Concen: 36.777 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

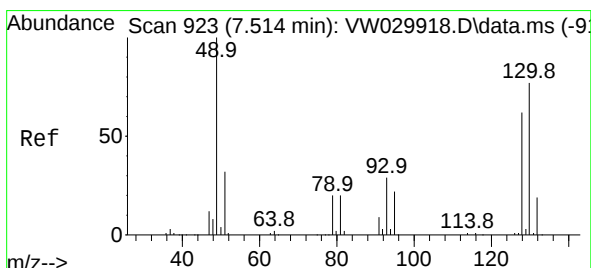
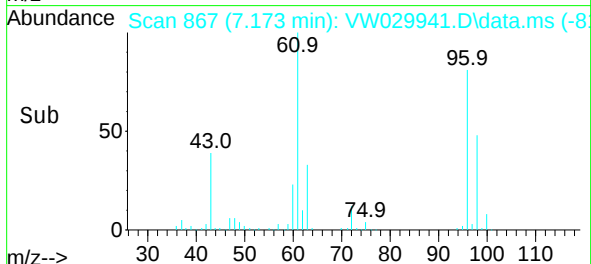
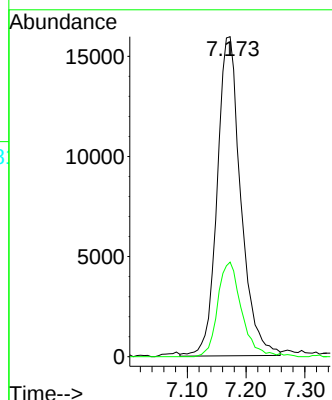
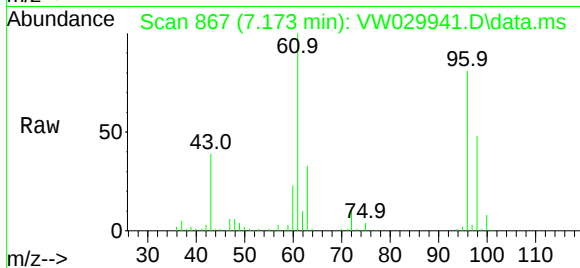
ClientSampleId :

Tgt Ion: 43 Resp: 44615

Ion Ratio Lower Upper

43 100

72 29.3 11.7 35.1



#23

Bromochloromethane

Concen: 27.196 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Tgt Ion: 128 Resp: 36098

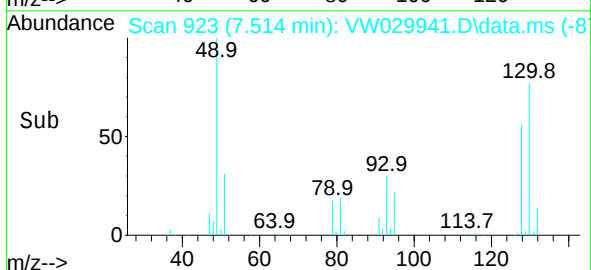
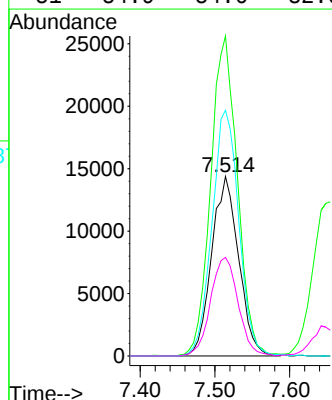
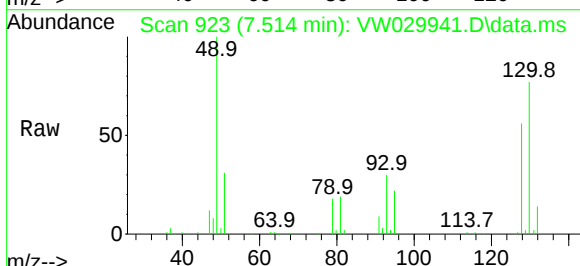
Ion Ratio Lower Upper

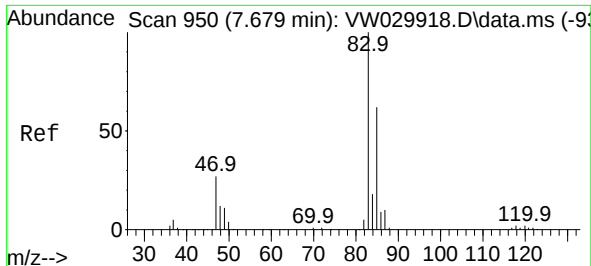
128 100

49 178.3 151.1 280.7

130 136.9 96.8 179.8

51 54.9 54.6 82.0





#25

Chloroform

Concen: 28.673 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

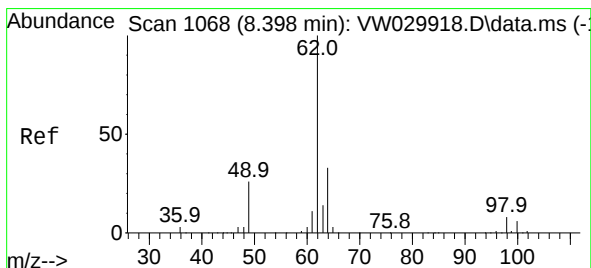
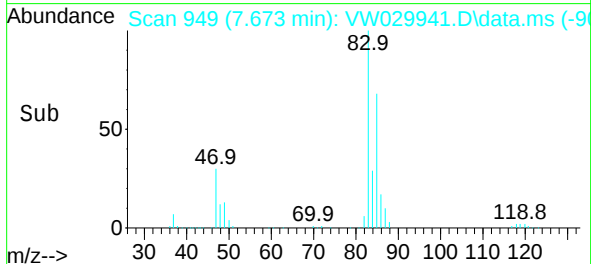
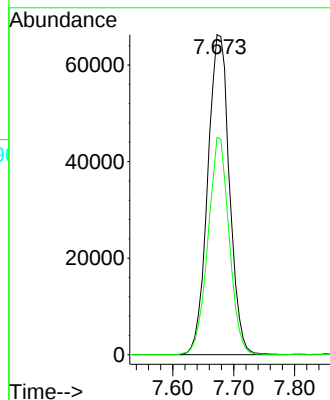
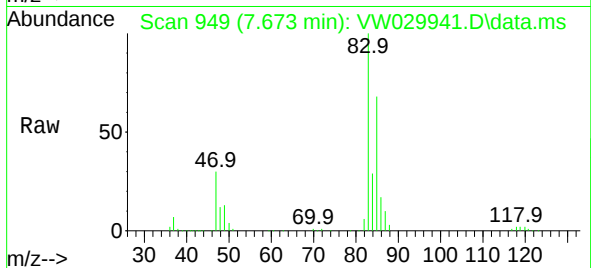
ClientSampleId :

Tgt Ion: 83 Resp: 164227

Ion Ratio Lower Upper

83 100

85 67.9 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.140 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029941.D

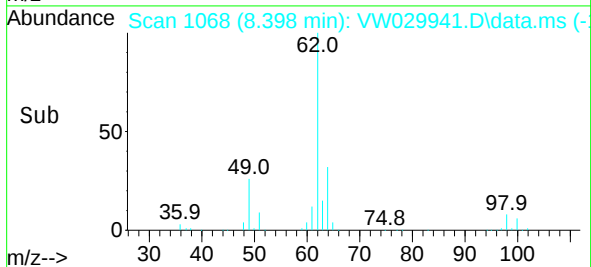
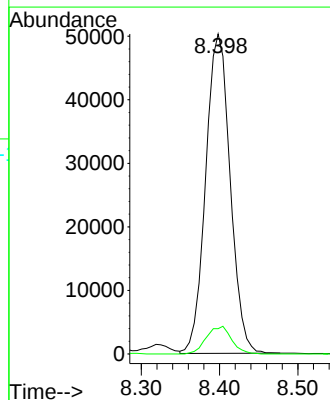
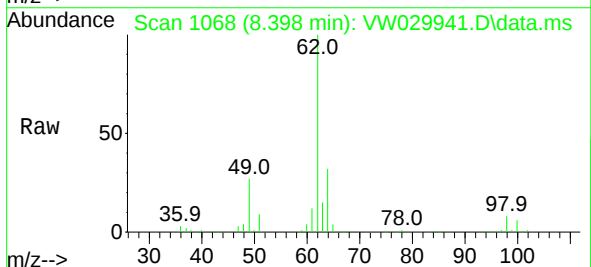
Acq: 19 Aug 2024 10:26

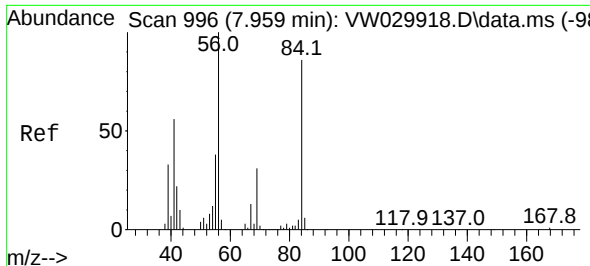
Tgt Ion: 62 Resp: 109109

Ion Ratio Lower Upper

62 100

98 7.9 6.6 10.0





#29

Cyclohexane

Concen: 19.919 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

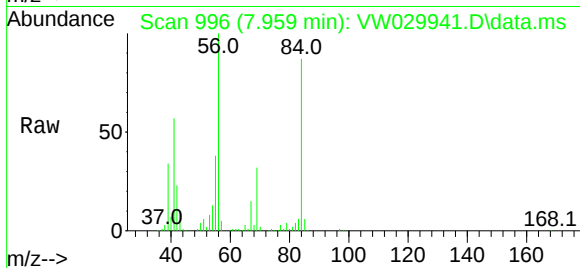
Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

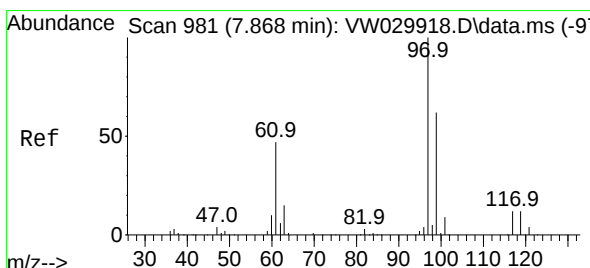
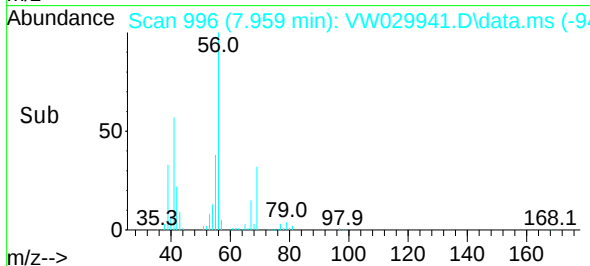
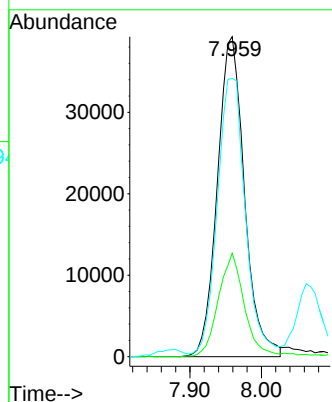
ClientSampleId :



Tgt Ion: 56 Resp: 103352

Ion Ratio Lower Upper

56	100		
69	30.8	23.0	34.4
84	89.1	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 27.888 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

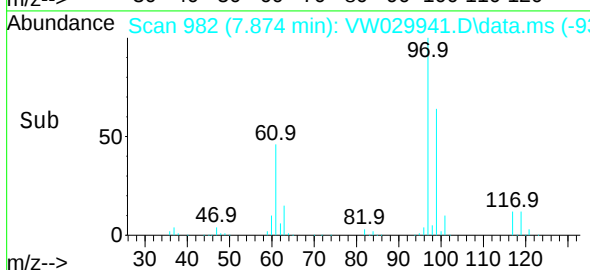
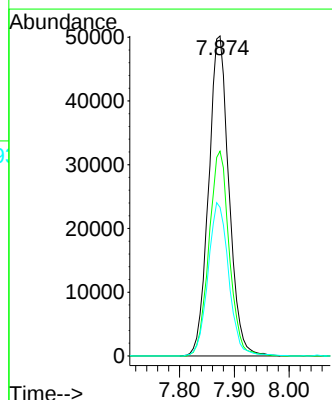
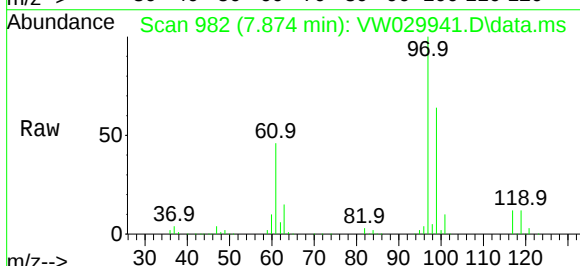
Lab File: VW029941.D

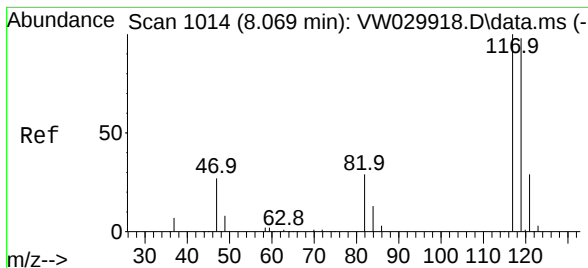
Acq: 19 Aug 2024 10:26

Tgt Ion: 97 Resp: 128947

Ion Ratio Lower Upper

97	100		
99	64.0	52.1	78.1
61	49.0	42.6	63.8





#31

Carbon tetrachloride

Concen: 28.638 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

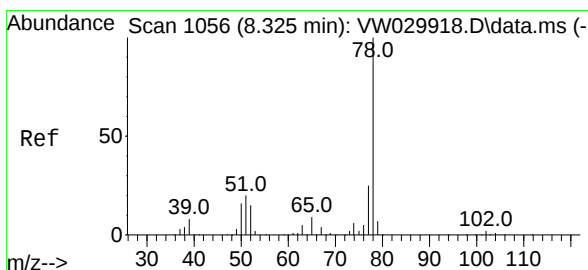
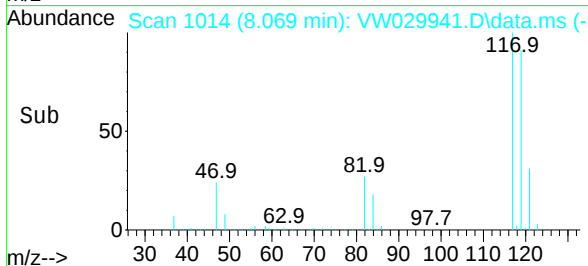
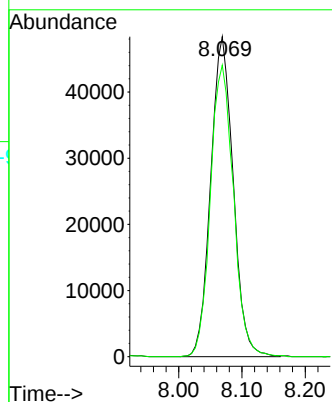
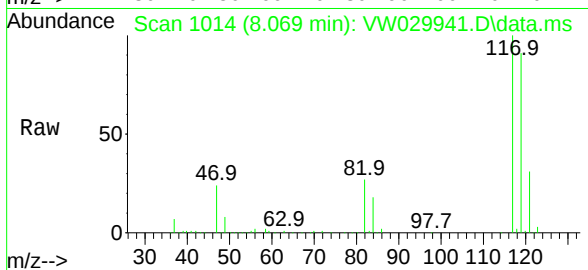
ClientSampleId :

Tgt Ion:117 Resp: 119313

Ion Ratio Lower Upper

117 100

119 93.4 74.8 112.2



#33

Benzene

Concen: 26.409 ug/L

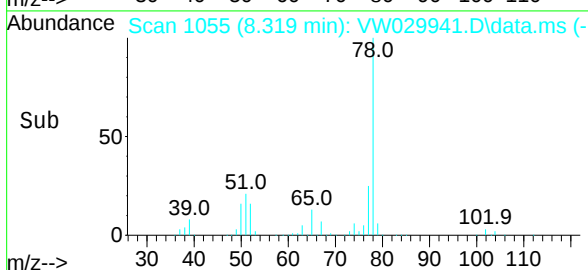
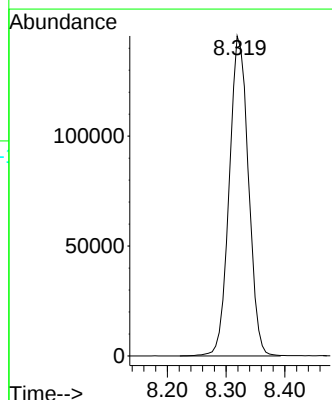
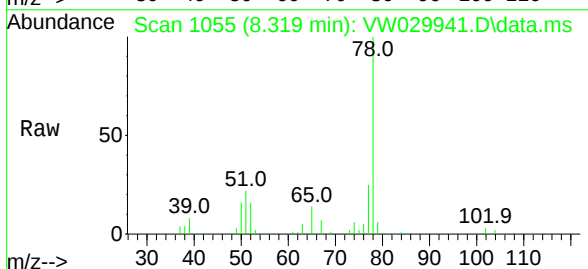
RT: 8.319 min Scan# 1055

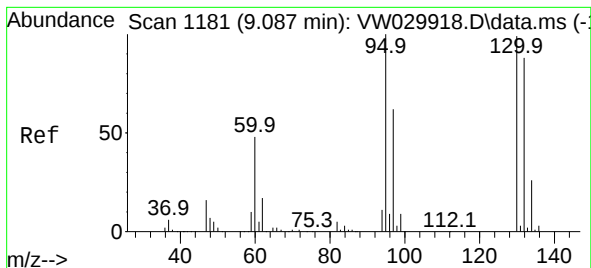
Delta R.T. -0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Tgt Ion: 78 Resp: 330384





#34

Trichloroethene

Concen: 26.744 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 87708

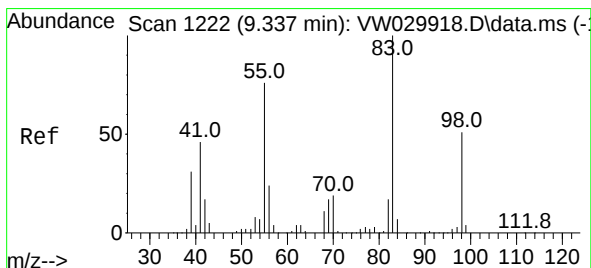
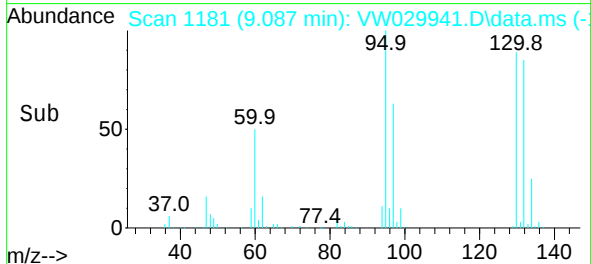
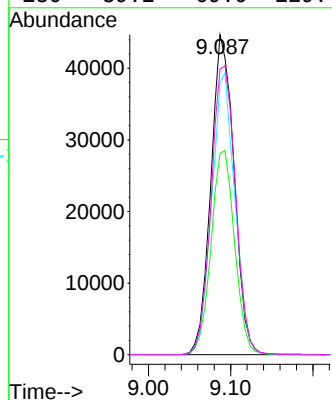
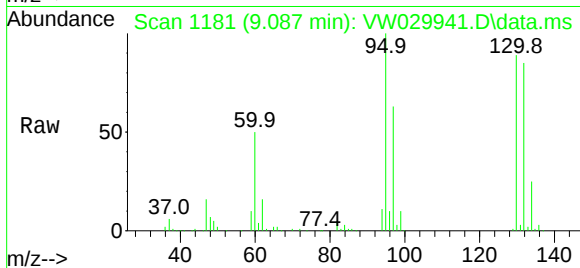
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.8

132 85.1 65.2 121.0

130 89.2 69.9 129.7



#35

Methylcyclohexane

Concen: 24.505 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

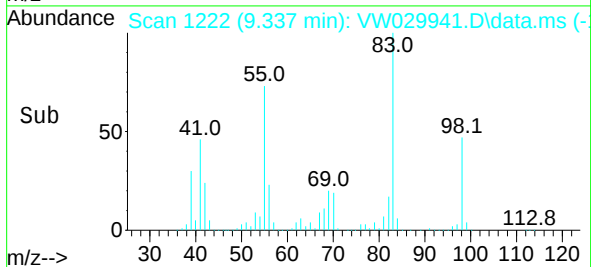
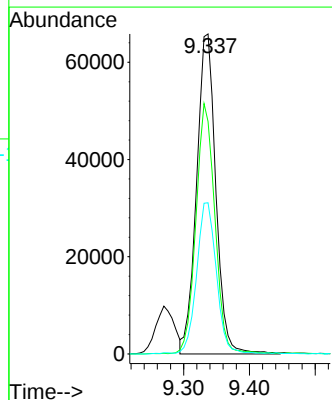
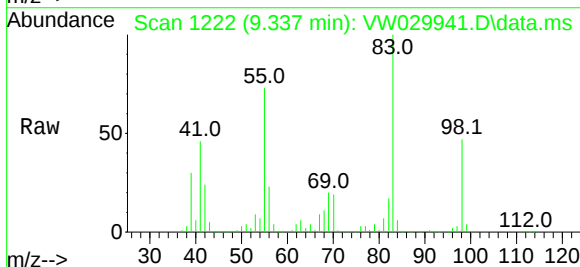
Tgt Ion: 83 Resp: 133914

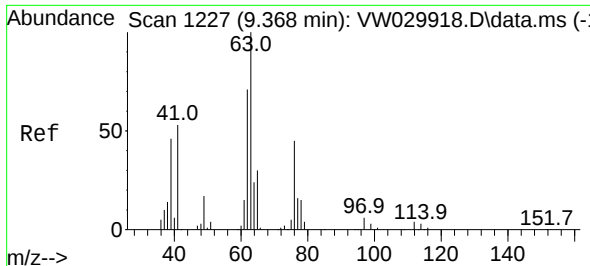
Ion Ratio Lower Upper

83 100

55 76.2 67.4 101.2

98 47.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 25.162 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

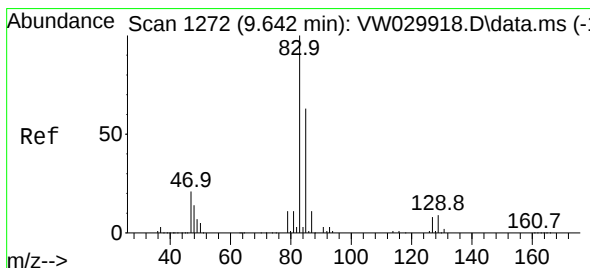
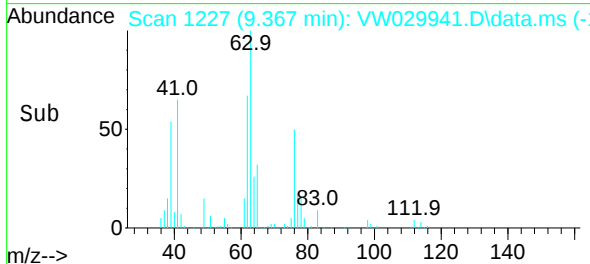
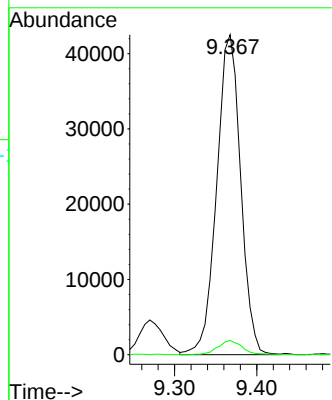
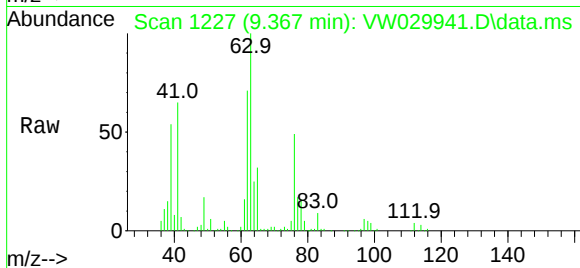
ClientSampleId :

Tgt Ion: 63 Resp: 86263

Ion Ratio Lower Upper

63 100

112 4.5 3.3 4.9



#38

Bromodichloromethane

Concen: 28.448 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

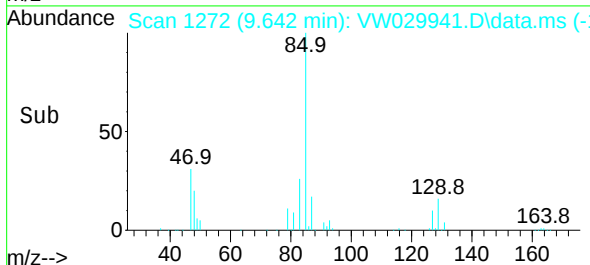
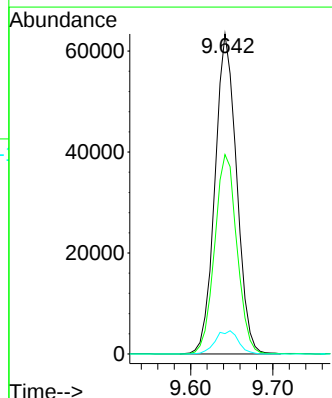
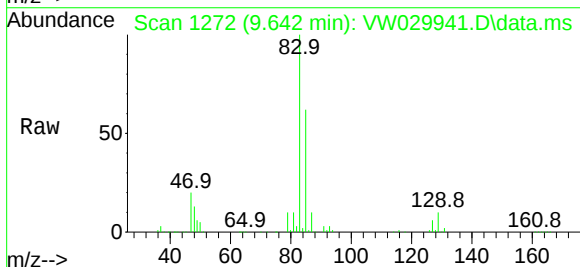
Tgt Ion: 83 Resp: 116138

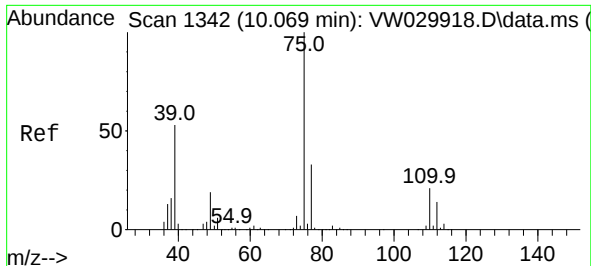
Ion Ratio Lower Upper

83 100

85 62.3 46.6 86.6

127 6.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.253 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

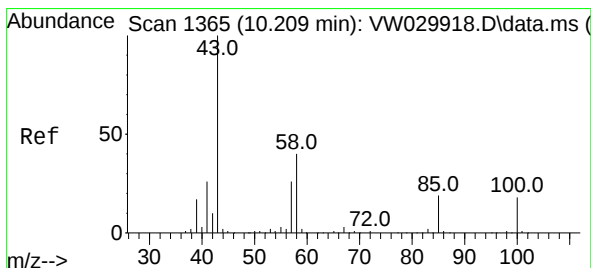
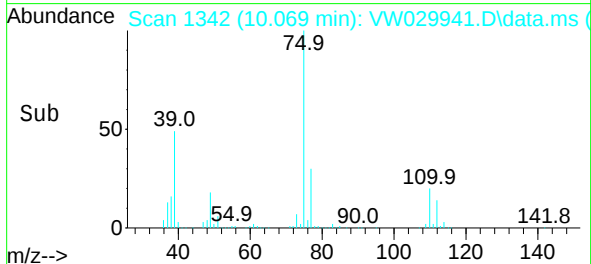
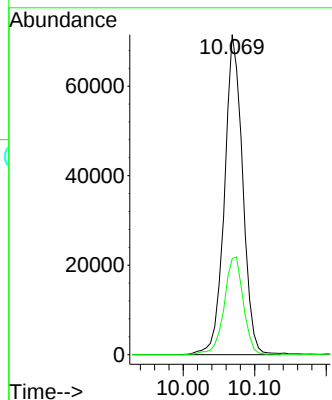
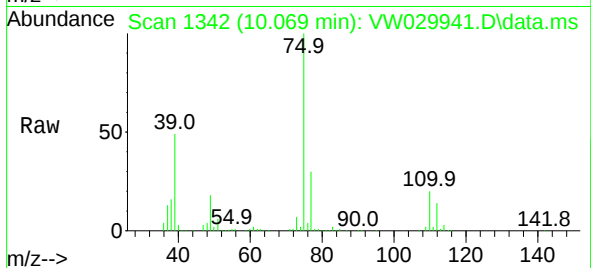
ClientSampleId :

Tgt Ion: 75 Resp: 126081

Ion Ratio Lower Upper

75 100

77 30.0 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 42.492 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

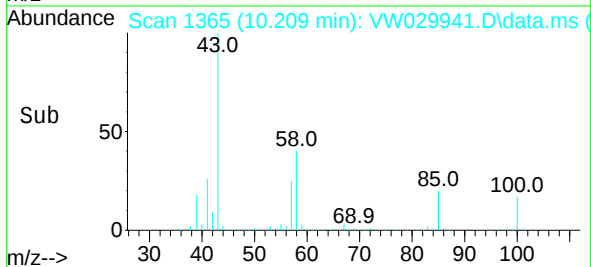
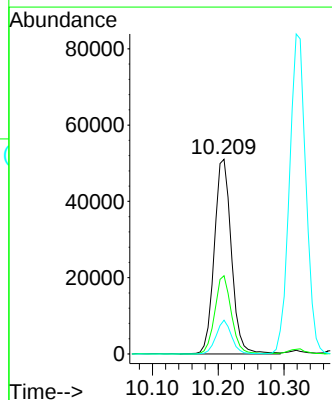
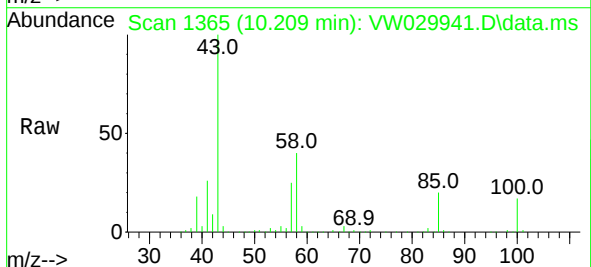
Tgt Ion: 43 Resp: 92530

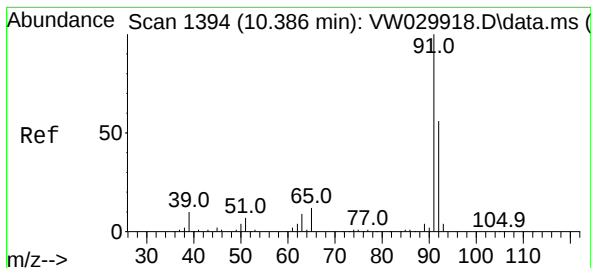
Ion Ratio Lower Upper

43 100

58 38.9 28.7 43.1

100 15.7 10.0 15.0#





#42

Toluene

Concen: 27.858 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

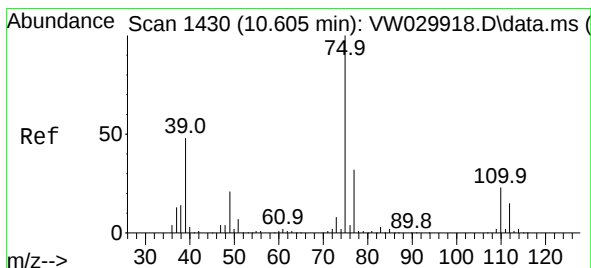
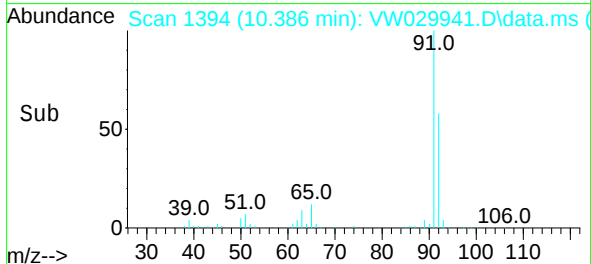
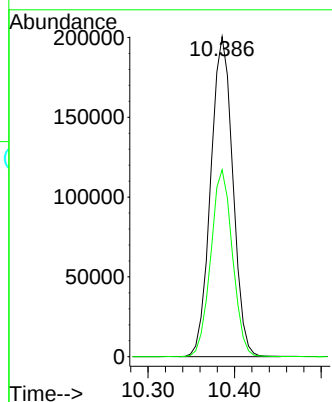
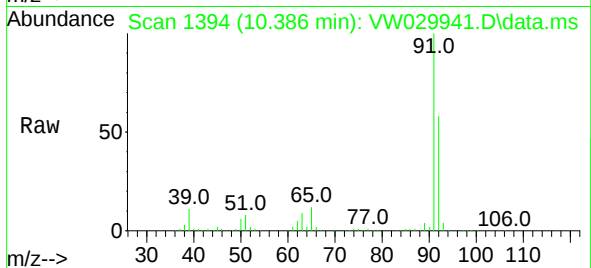
ClientSampleId :

Tgt Ion: 91 Resp: 355736

Ion Ratio Lower Upper

91 100

92 58.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.293 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029941.D

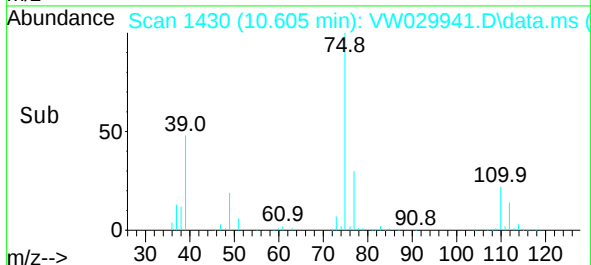
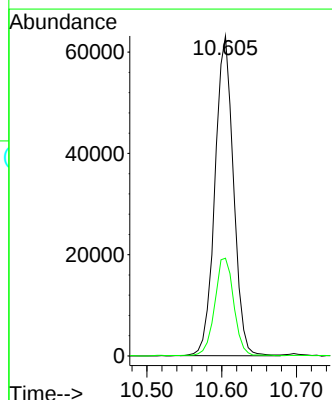
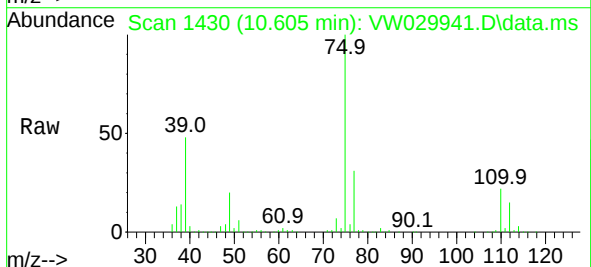
Acq: 19 Aug 2024 10:26

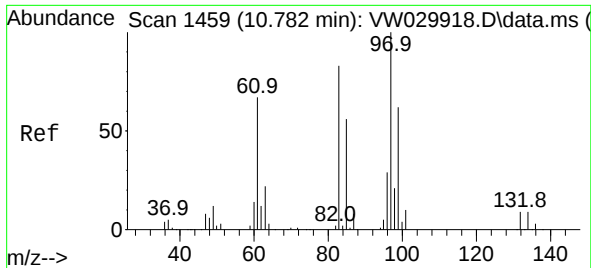
Tgt Ion: 75 Resp: 108975

Ion Ratio Lower Upper

75 100

77 30.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.666 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

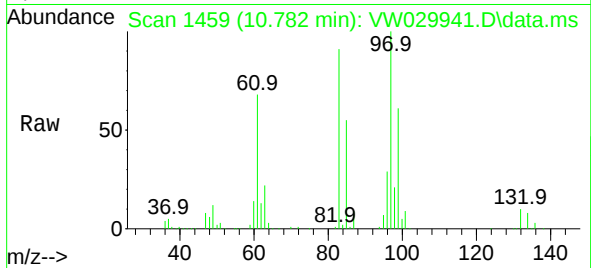
Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 66021

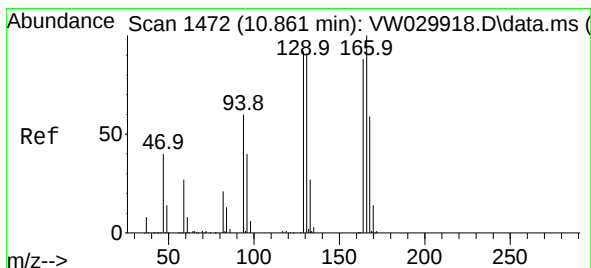
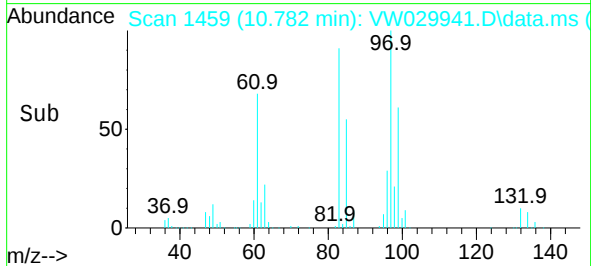
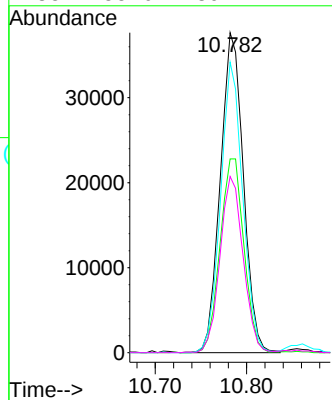
Ion Ratio Lower Upper

97 100

99 60.6 40.1 74.5

83 90.8 58.5 108.7

85 55.0 39.1 72.7



#46

Tetrachloroethene

Concen: 26.293 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Tgt Ion:164 Resp: 62673

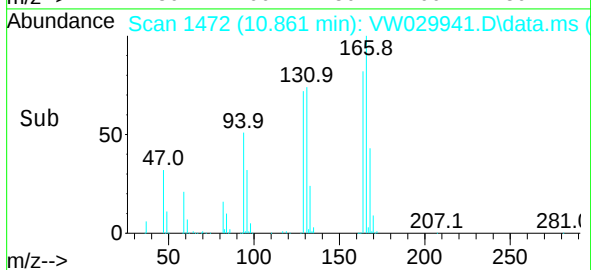
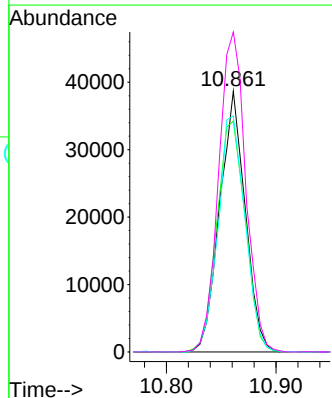
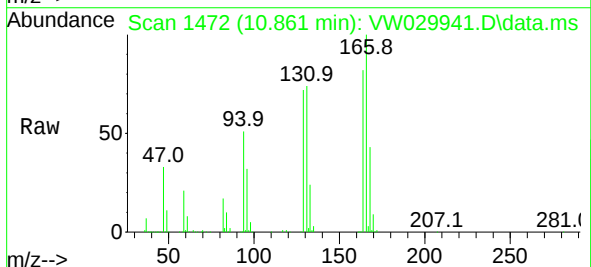
Ion Ratio Lower Upper

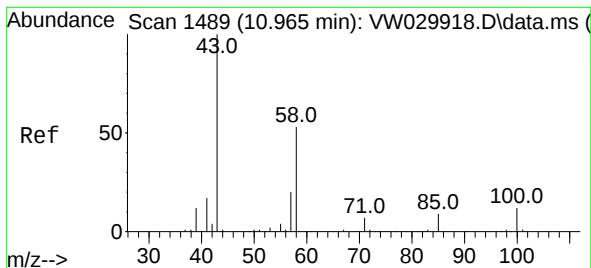
164 100

129 88.5 77.8 144.6

131 90.5 70.9 131.7

166 122.7 91.5 169.9





#48

2-Hexanone

Concen: 41.395 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

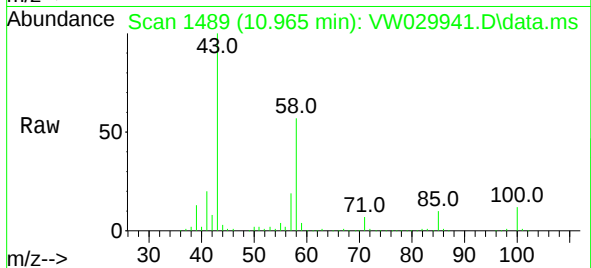
Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 67512

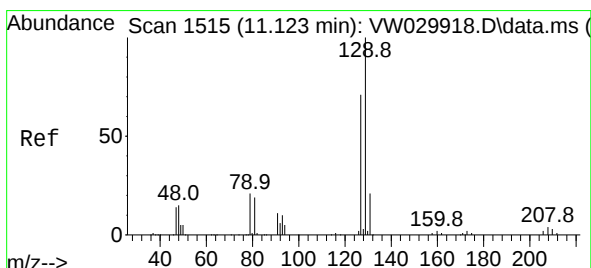
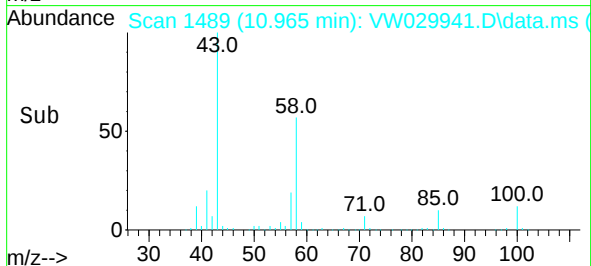
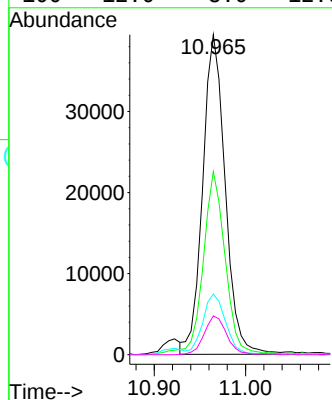
Ion Ratio Lower Upper

43 100

58 56.0 41.0 61.4

57 19.7 14.1 21.1

100 12.0 8.0 12.0#



#49

Dibromochloromethane

Concen: 30.255 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW029941.D

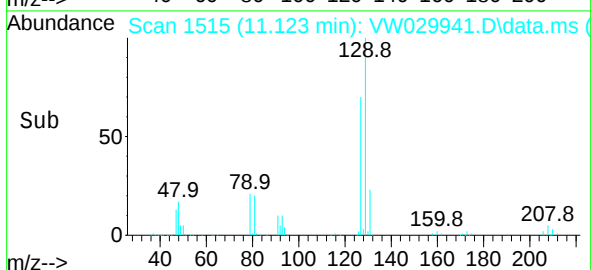
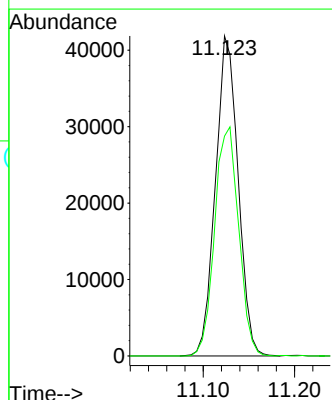
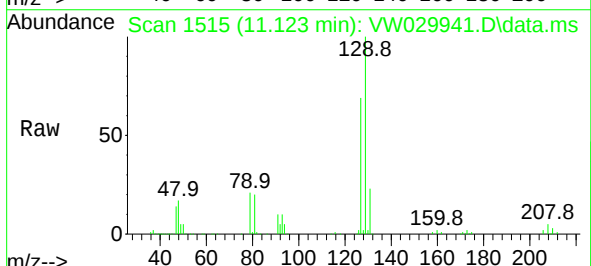
Acq: 19 Aug 2024 10:26

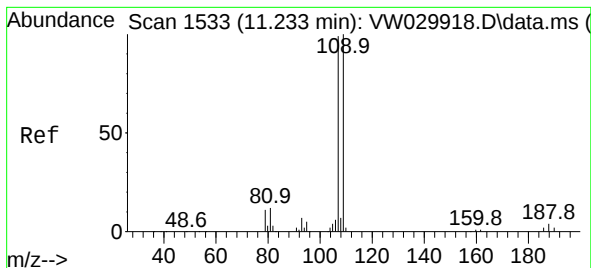
Tgt Ion:129 Resp: 72337

Ion Ratio Lower Upper

129 100

127 68.7 52.4 97.2

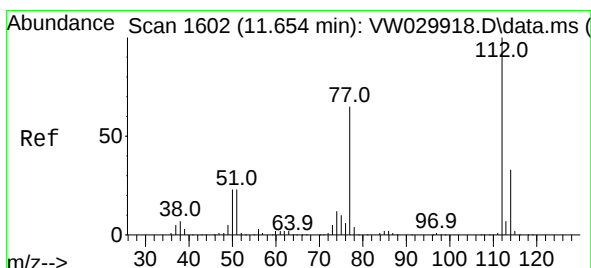
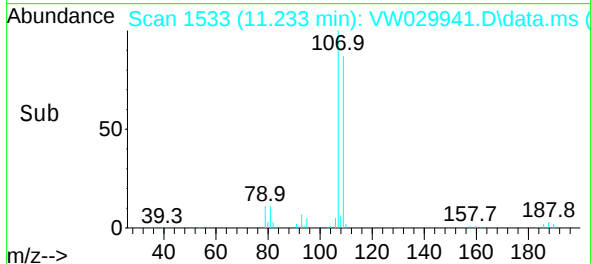
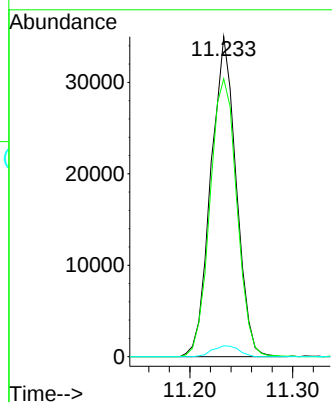
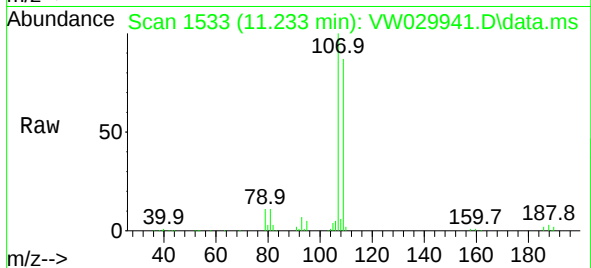




#50
1,2-Dibromoethane
Concen: 28.037 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

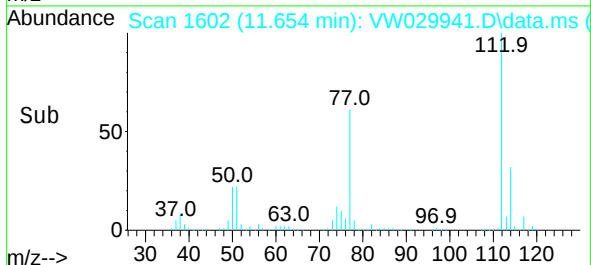
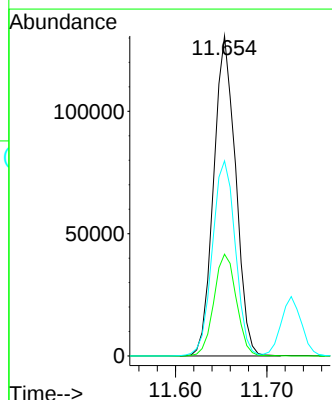
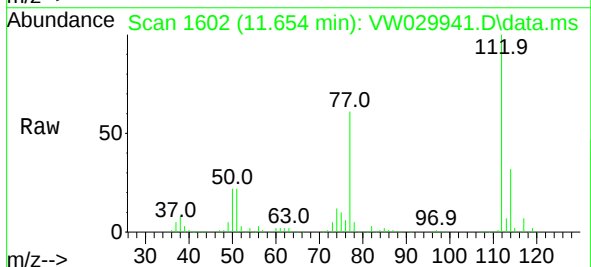
Instrument :
MSVOA_W
ClientSampleId :

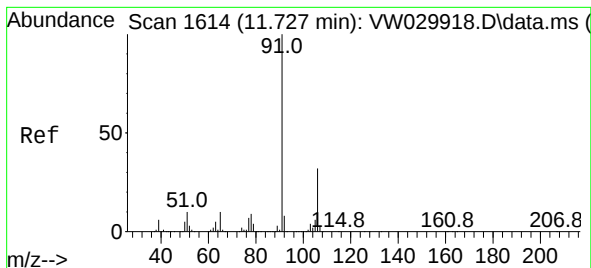
Tgt Ion:107 Resp: 59747
Ion Ratio Lower Upper
107 100
109 86.9 64.8 120.3
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 27.509 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Tgt Ion:112 Resp: 218501
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 61.0 53.8 80.8

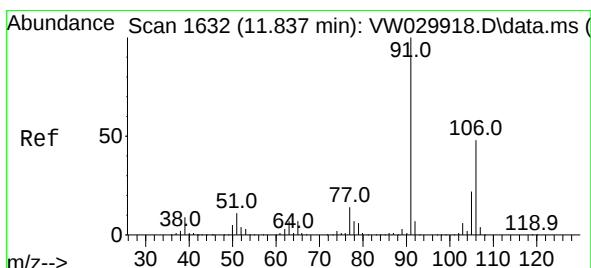
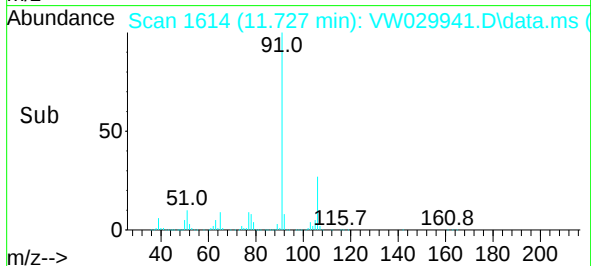
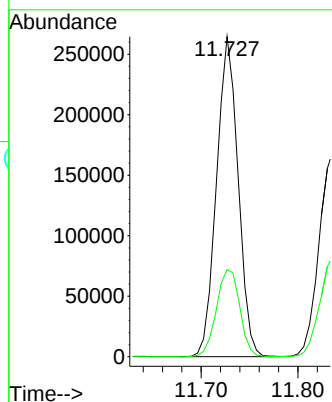
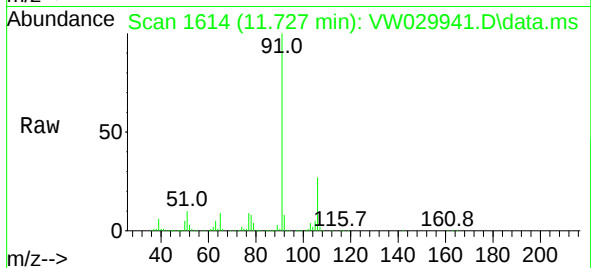




#52
Ethylbenzene
Concen: 28.406 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

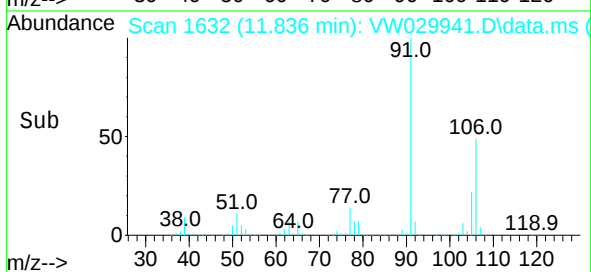
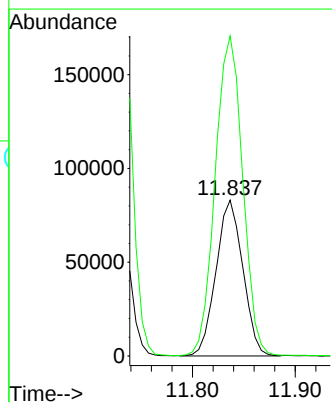
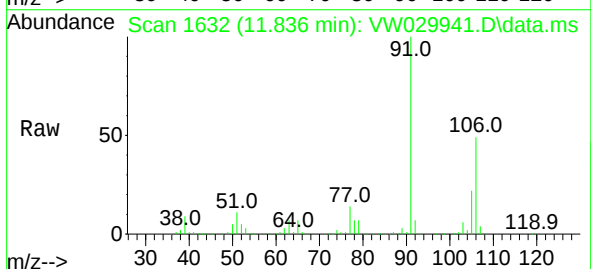
Instrument :
MSVOA_W
ClientSampleId :

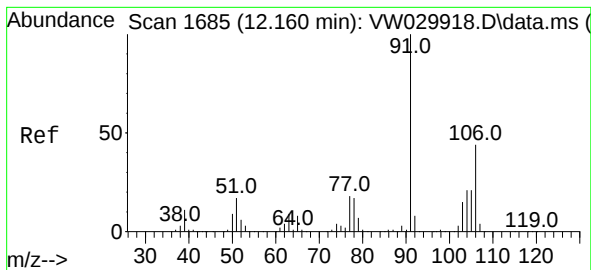
Tgt Ion: 91 Resp: 409170
Ion Ratio Lower Upper
91 100
106 27.2 20.4 38.0



#53
m,p-Xylene
Concen: 28.436 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Tgt Ion:106 Resp: 150636
Ion Ratio Lower Upper
106 100
91 205.3 151.4 281.2





#54

o-Xylene

Concen: 28.706 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

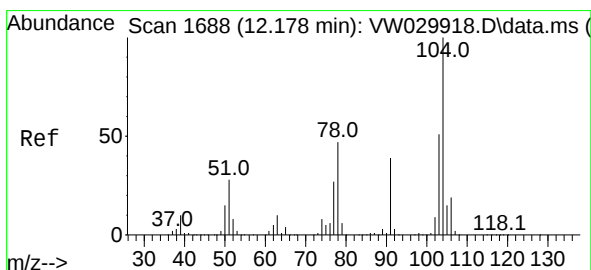
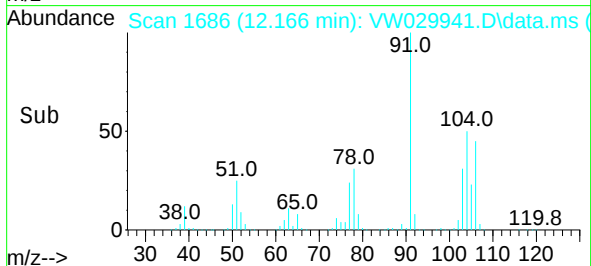
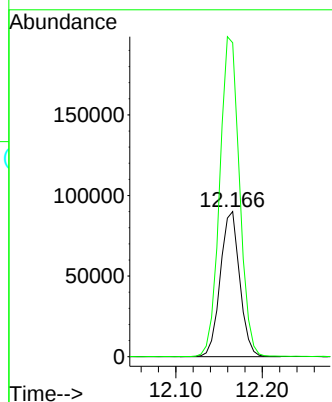
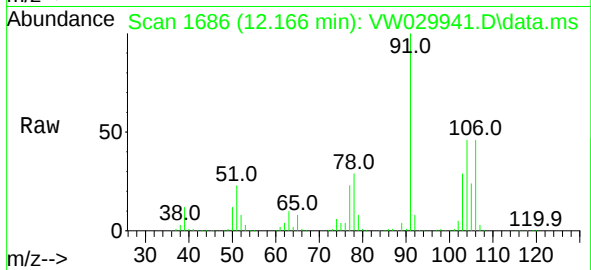
ClientSampleId :

Tgt Ion:106 Resp: 140038

Ion Ratio Lower Upper

106 100

91 216.3 155.8 289.4



#55

Styrene

Concen: 29.314 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029941.D

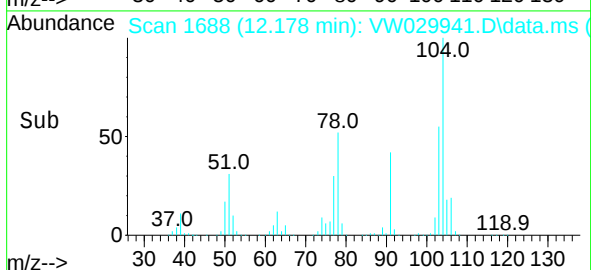
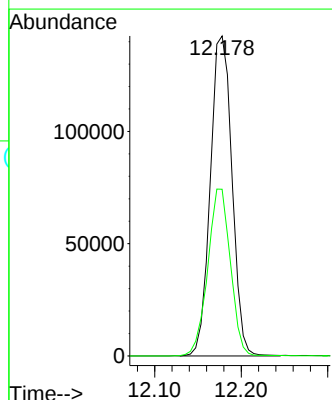
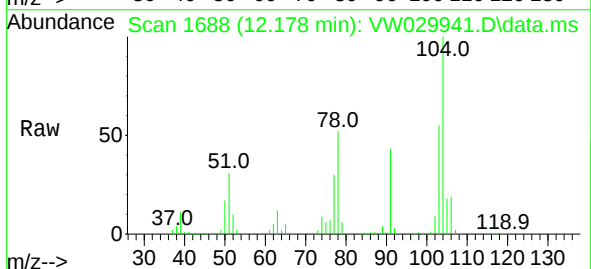
Acq: 19 Aug 2024 10:26

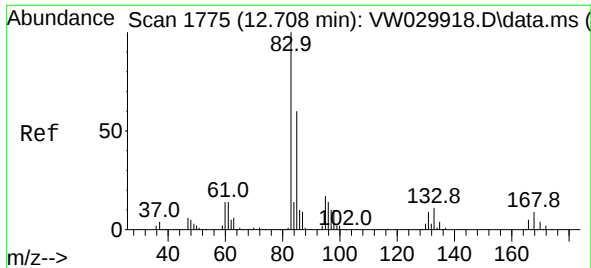
Tgt Ion:104 Resp: 247875

Ion Ratio Lower Upper

104 100

78 52.1 33.3 61.9

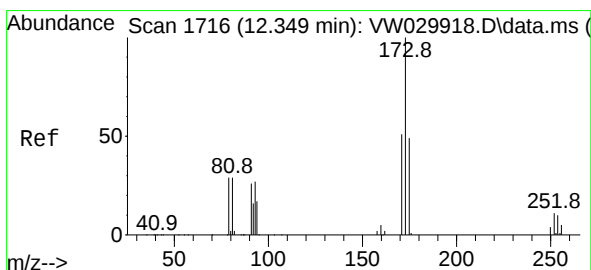
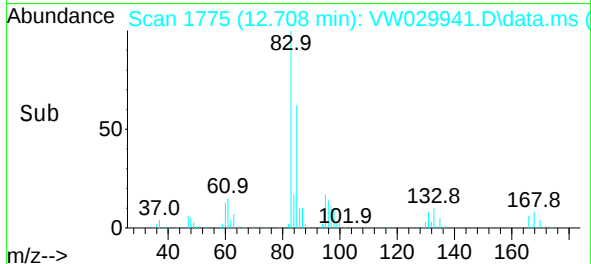
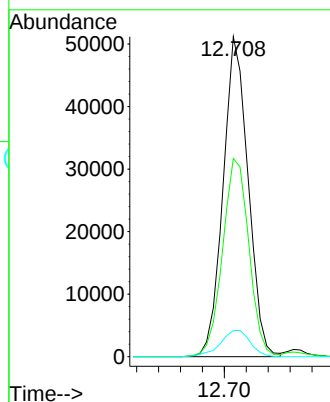
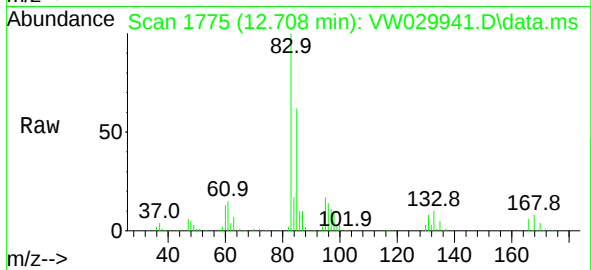




#57
1,1,2,2-Tetrachloroethane
Concen: 28.683 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

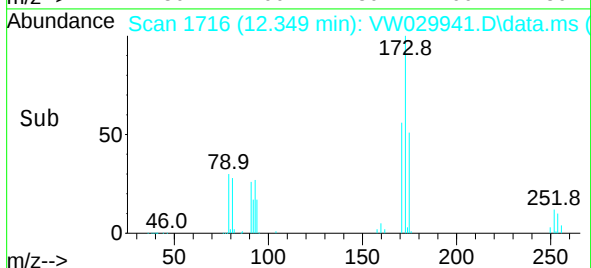
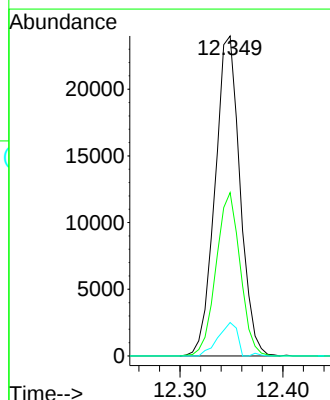
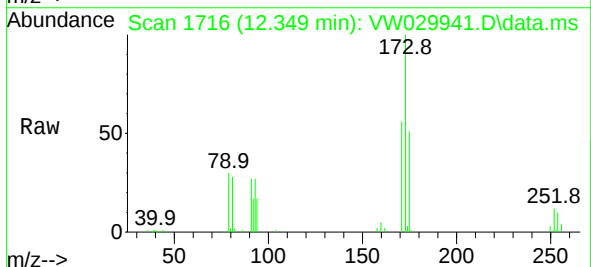
Instrument :
MSVOA_W
ClientSampleId :

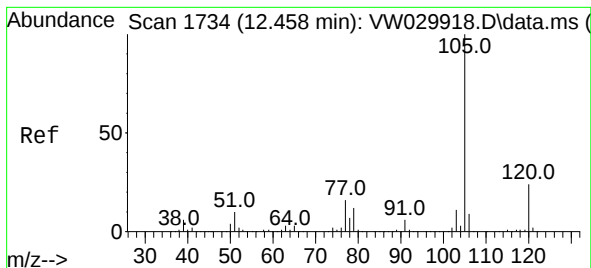
Tgt Ion: 83 Resp: 81080
Ion Ratio Lower Upper
83 100
85 62.0 44.2 82.0
131 8.2 6.2 9.2



#59
Bromoform
Concen: 28.560 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Tgt Ion:173 Resp: 40439
Ion Ratio Lower Upper
173 100
175 49.3 38.1 57.1
254 8.0 7.8 11.6





#60

Isopropylbenzene

Concen: 27.079 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

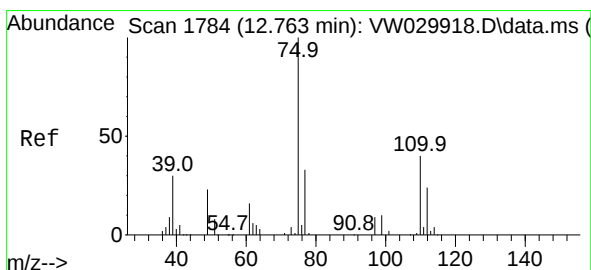
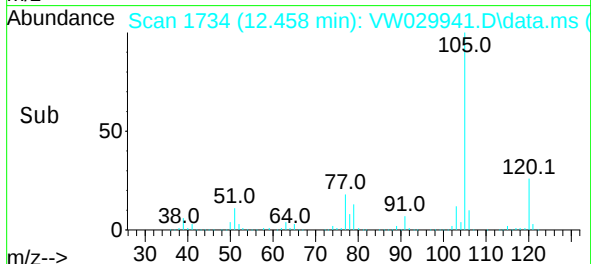
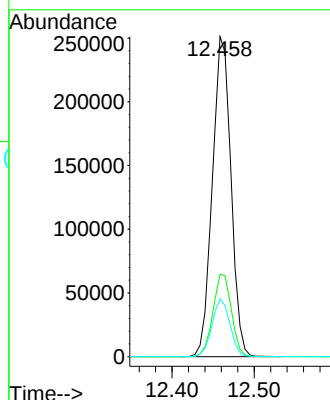
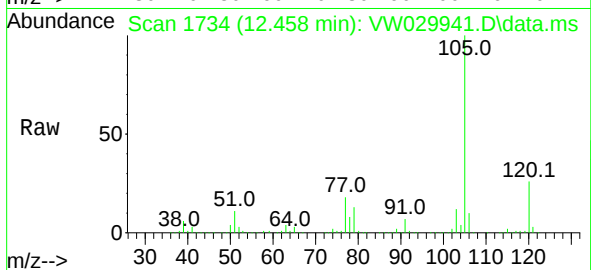
Tgt Ion:105 Resp: 394299

Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 17.5 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 24.802 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

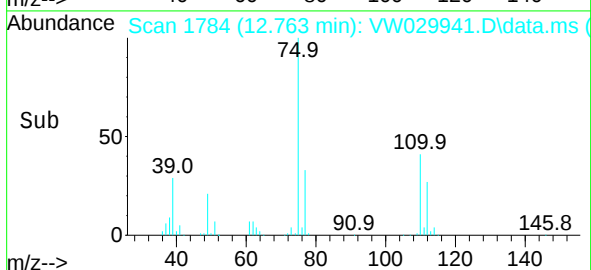
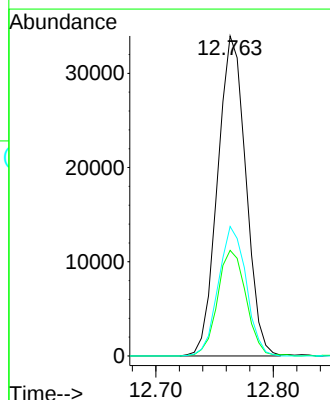
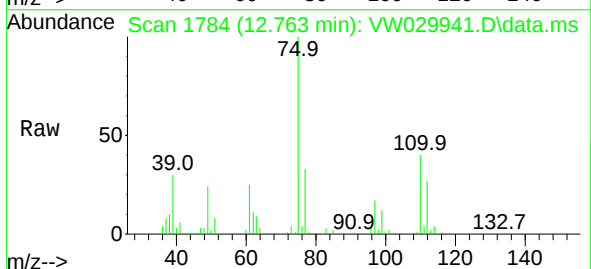
Tgt Ion: 75 Resp: 56762

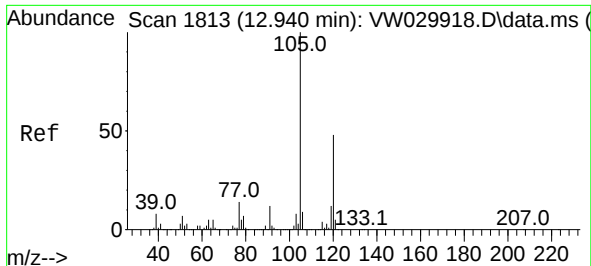
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

110 39.8 28.6 43.0

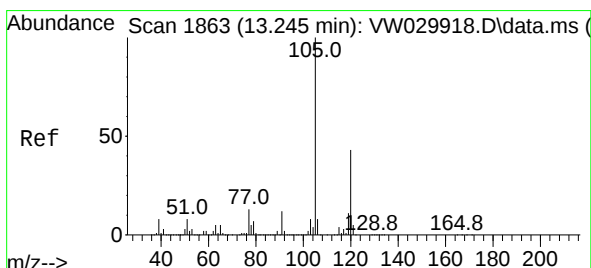
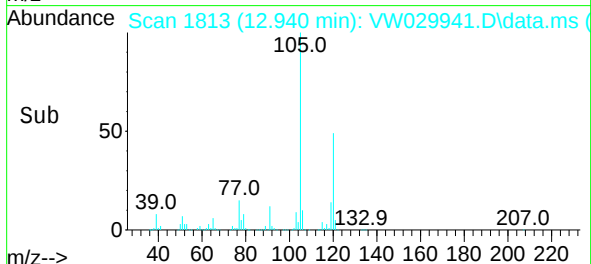
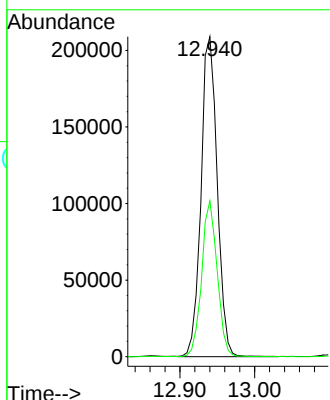
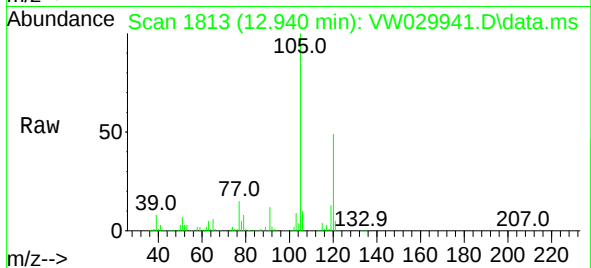




#62
1,3,5-Trimethylbenzene
Concen: 29.070 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

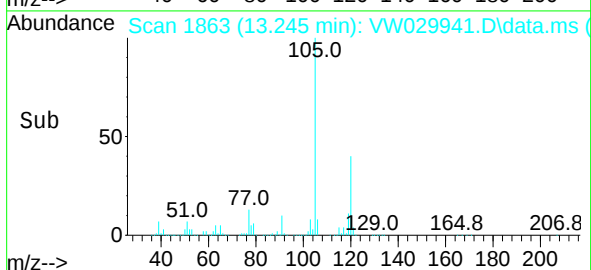
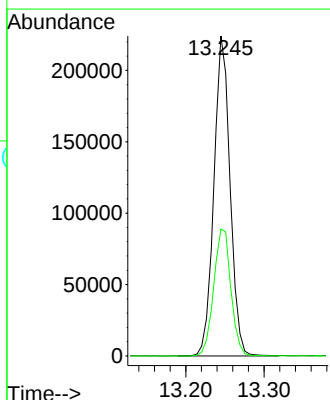
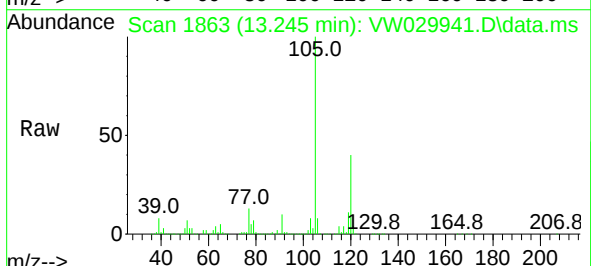
Instrument :
MSVOA_W
ClientSampleId :

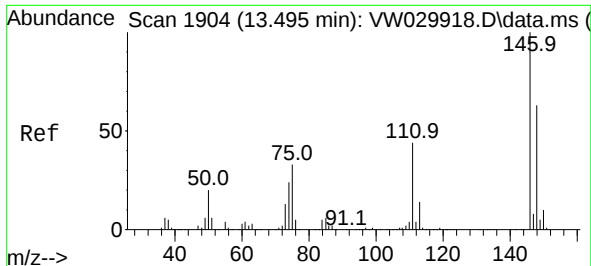
Tgt Ion:105 Resp: 314627
Ion Ratio Lower Upper
105 100
120 46.5 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 27.746 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029941.D
Acq: 19 Aug 2024 10:26

Tgt Ion:105 Resp: 321164
Ion Ratio Lower Upper
105 100
120 42.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 26.940 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

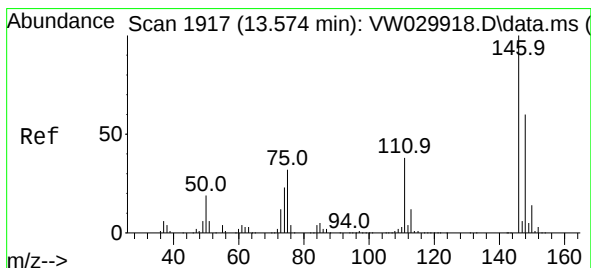
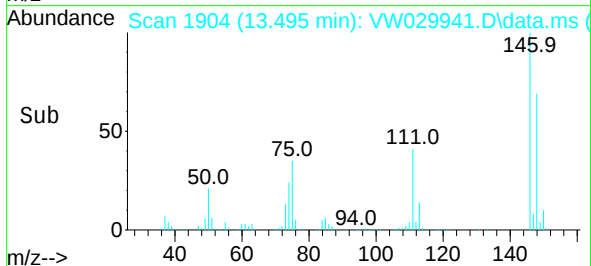
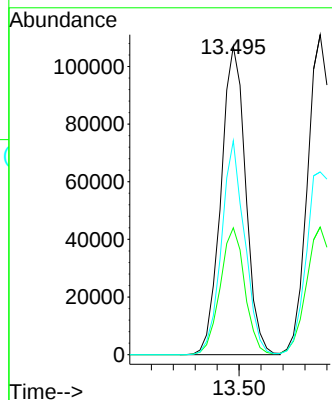
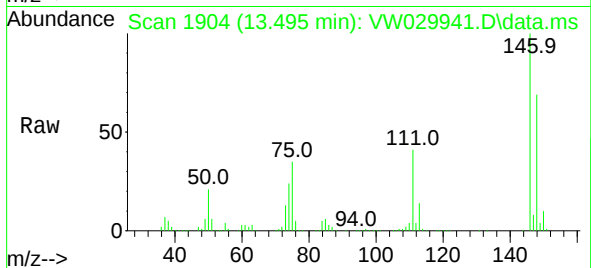
Tgt Ion:146 Resp: 167366

Ion Ratio Lower Upper

146 100

111 41.1 28.7 53.3

148 69.4 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 27.631 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

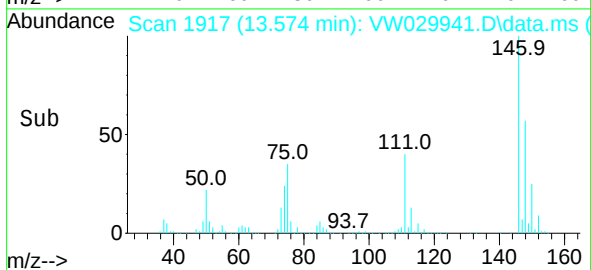
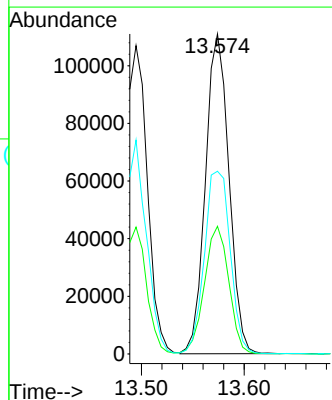
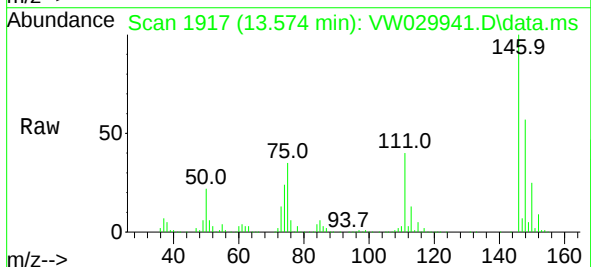
Tgt Ion:146 Resp: 176326

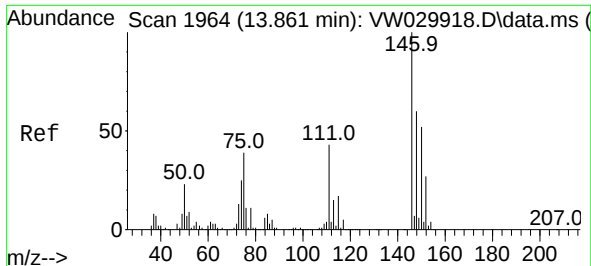
Ion Ratio Lower Upper

146 100

111 39.9 30.1 55.9

148 57.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 27.011 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

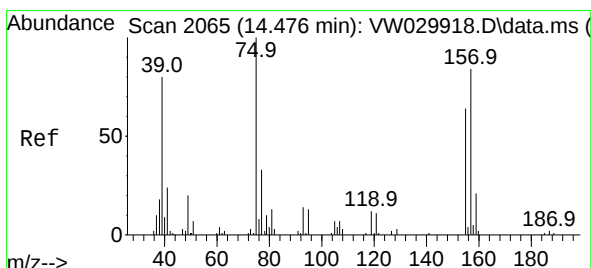
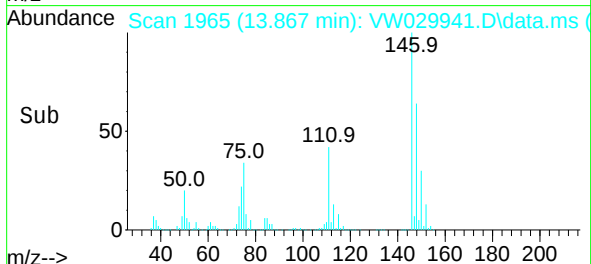
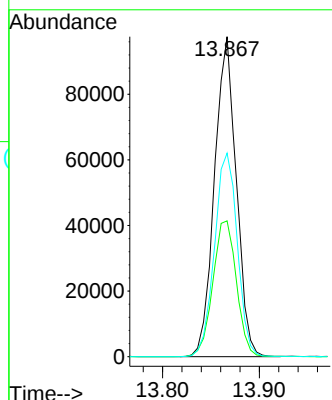
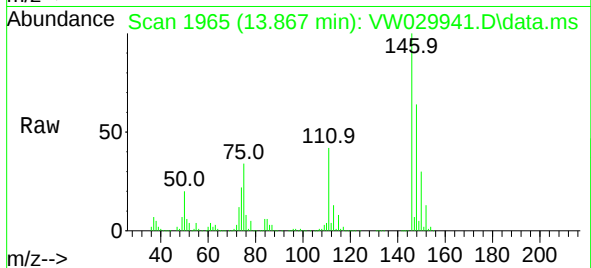
Tgt Ion:146 Resp: 152779

Ion Ratio Lower Upper

146 100

111 42.5 35.8 53.8

148 63.6 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.089 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

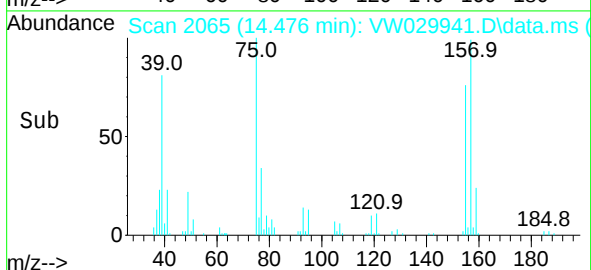
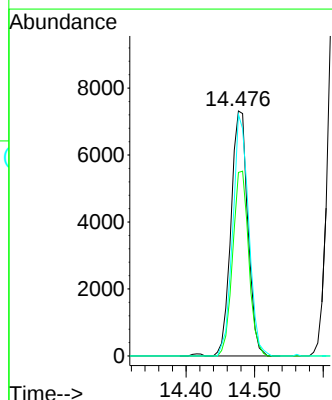
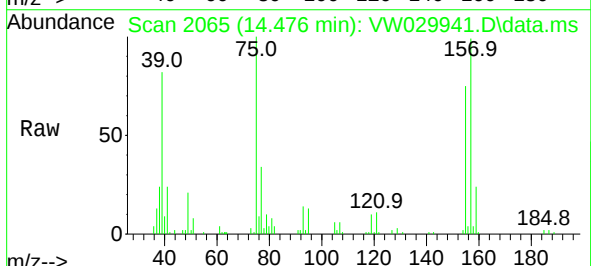
Tgt Ion: 75 Resp: 12518

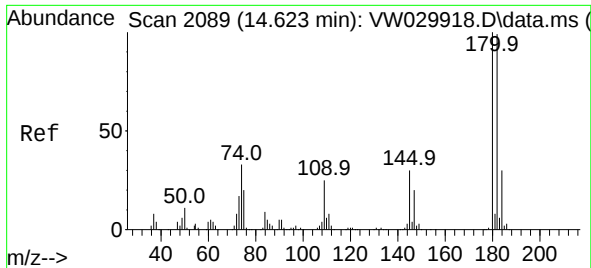
Ion Ratio Lower Upper

75 100

155 74.9 47.8 71.6#

157 98.6 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 26.303 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

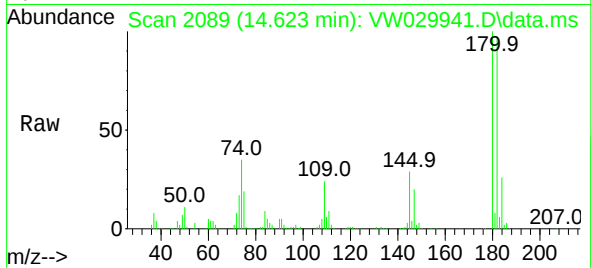
Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 111800

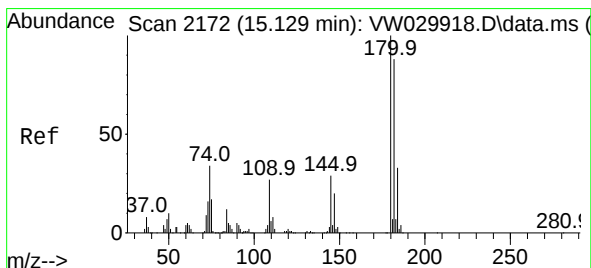
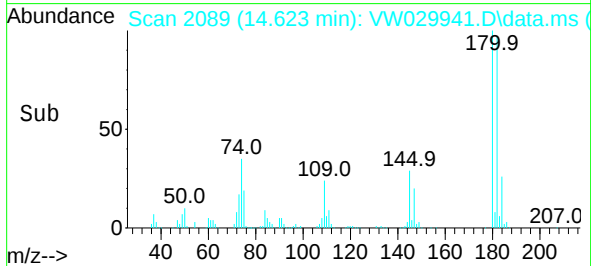
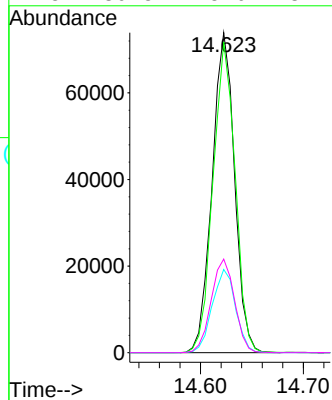
Ion Ratio Lower Upper

180 100

182 96.0 72.7 109.1

184 27.1 23.3 34.9

145 30.5 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.491 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

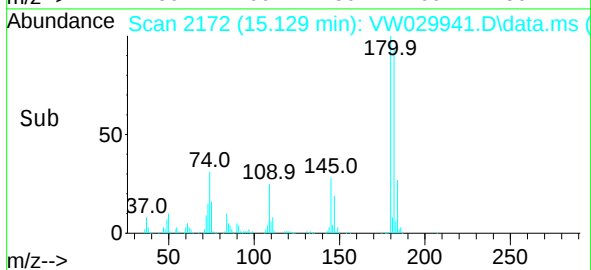
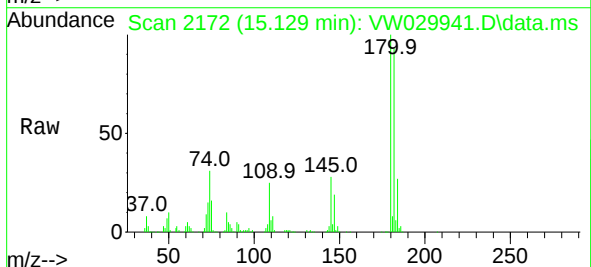
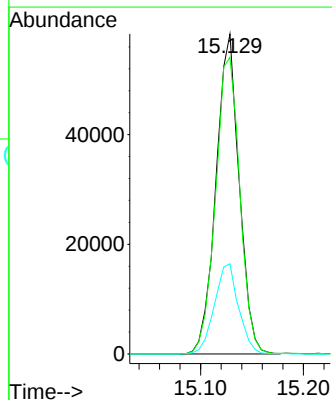
Tgt Ion:180 Resp: 91281

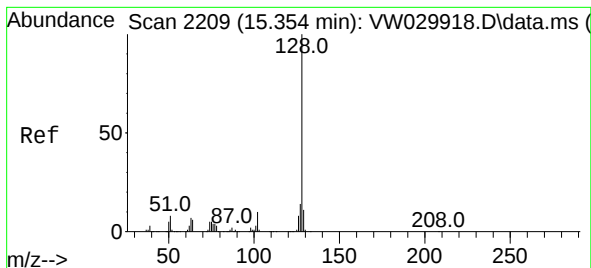
Ion Ratio Lower Upper

180 100

182 97.3 80.2 120.4

145 29.4 26.3 39.5





#71

Naphthalene

Concen: 24.939 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Instrument :

MSVOA_W

ClientSampleId :

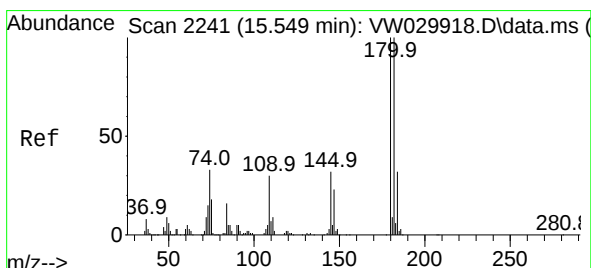
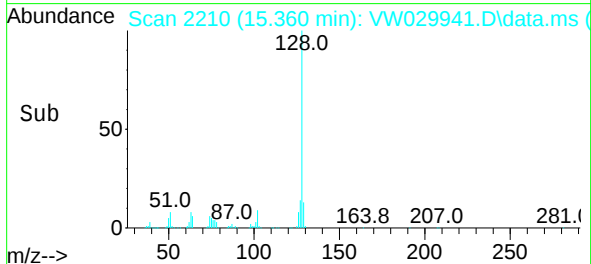
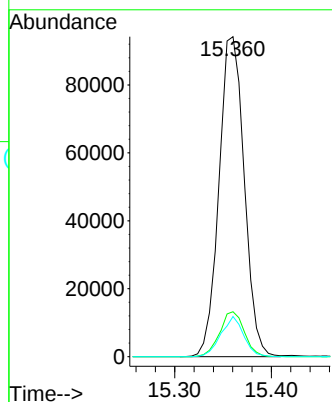
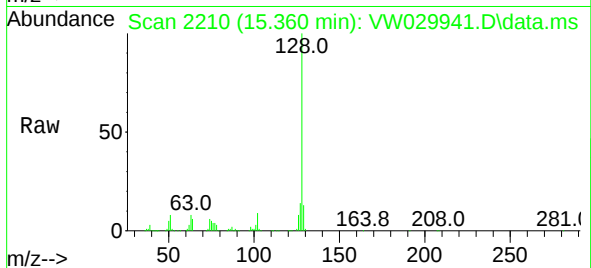
Tgt Ion:128 Resp: 170399

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.4 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.857 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029941.D

Acq: 19 Aug 2024 10:26

Tgt Ion:180 Resp: 83805

Ion Ratio Lower Upper

180 100

182 90.7 74.0 111.0

145 34.8 27.5 41.3

