

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029918.D
 Acq On : 16 Aug 2024 08:33
 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 17 00:26:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 16 01:14:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208442	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	199063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103779	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64478	21.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
7) Chloroethane-d5	2.899	69	55704	26.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.480%
11) 1,1-Dichloroethene-d2	4.027	65	27812	20.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	7.075	46	28187	34.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.500%
24) Chloroform-d	7.648	84	143977	26.683	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.720%
26) 1,2-Dichloroethane-d4	8.307	65	75490	24.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.276	84	255318	23.738	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.270	67	78189	22.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	10.319	98	240913	25.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.760%
43) trans-1,3-Dichloroprop...	10.575	79	31576	22.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.880%
47) 2-Hexanone-d5	10.922	63	20926	36.952	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	63639	24.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	76496	23.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	63429	22.575	ug/L	96
3) Chloromethane	2.229	50	67852	19.516	ug/L	95
5) Vinyl chloride	2.375	62	93437	23.985	ug/L	100
6) Bromomethane	2.796	94	61783	28.882	ug/L	95
8) Chloroethane	2.942	64	61957	27.957	ug/L	97
9) Trichlorofluoromethane	3.271	101	86361	27.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	84232	27.179	ug/L #	76
12) 1,1-Dichloroethene	4.051	96	68738	24.139	ug/L	81
13) Acetone	4.118	43	48380	47.998	ug/L	99
14) Carbon disulfide	4.393	76	197245	20.814	ug/L	96
16) Methylene chloride	4.917	84	89579	20.557	ug/L	82
17) trans-1,2-Dichloroethene	5.429	96	77836	25.365	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	113878	22.517	ug/L	100
19) 1,1-Dichloroethane	6.222	63	156852	24.236	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	89224	26.805	ug/L	89
22) 2-Butanone	7.167	43	46865	36.287	ug/L	85
23) Bromochloromethane	7.514	128	38212	27.041	ug/L #	75
25) Chloroform	7.679	83	170484	27.959	ug/L	99
27) 1,2-Dichloroethane	8.398	62	110285	24.818	ug/L	100

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 Response via : Initial Calibration

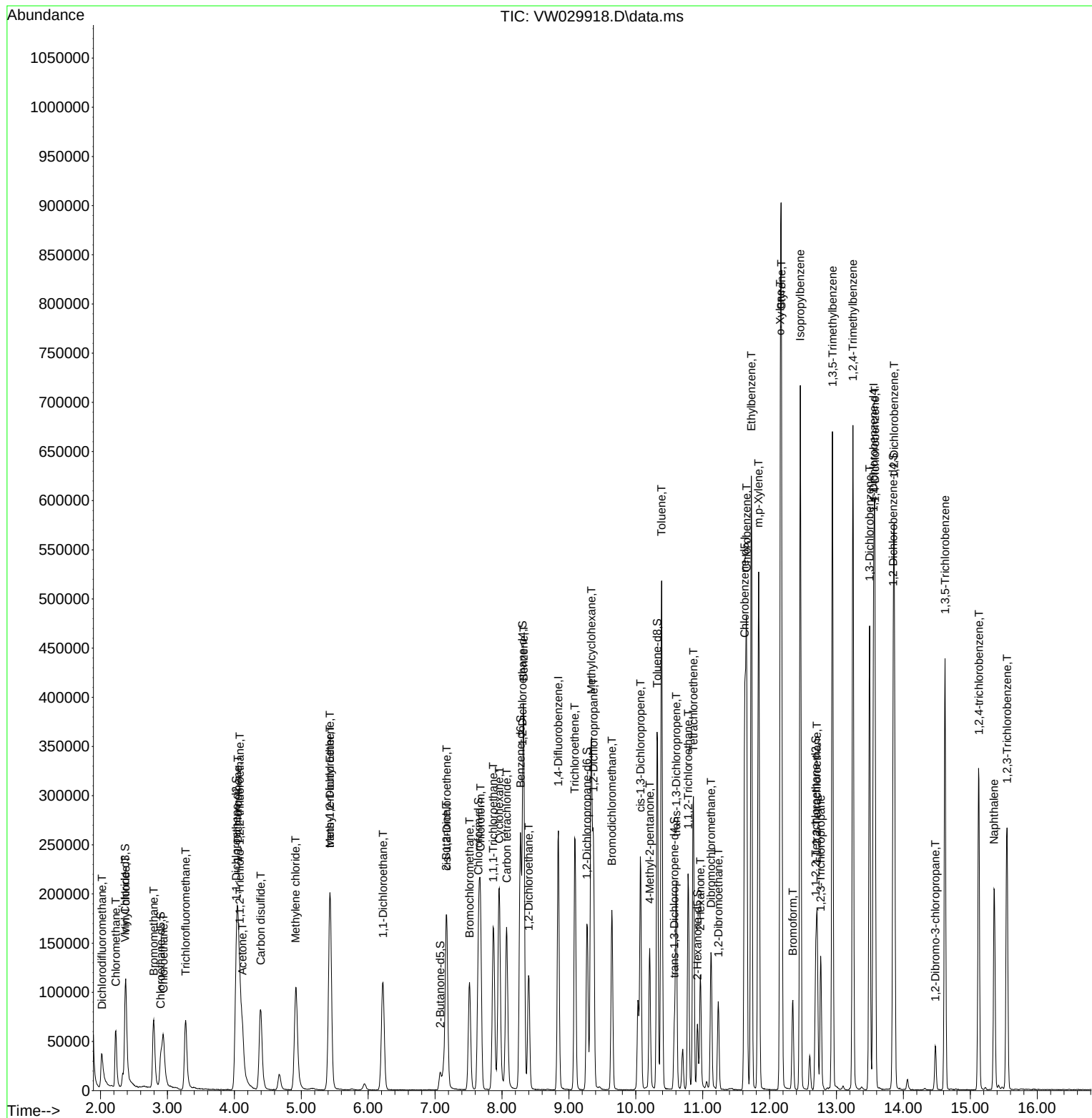
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	111827	19.768	ug/L	93
30) 1,1,1-Trichloroethane	7.868	97	134919	26.764	ug/L	96
31) Carbon tetrachloride	8.069	117	119576	26.325	ug/L	96
33) Benzene	8.325	78	344574	25.263	ug/L	100
34) Trichloroethene	9.087	95	90051	25.185	ug/L	97
35) Methylcyclohexane	9.337	83	139541	23.421	ug/L	94
37) 1,2-Dichloropropane	9.368	63	88287	23.621	ug/L	98
38) Bromodichloromethane	9.642	83	120623	27.101	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	131028	24.071	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	86876	36.593	ug/L #	92
42) Toluene	10.386	91	374525	26.902	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	111089	24.584	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	64280	25.599	ug/L	98
46) Tetrachloroethene	10.861	164	64609	24.861	ug/L	91
48) 2-Hexanone	10.965	43	70353	39.566	ug/L #	93
49) Dibromochloromethane	11.123	129	72435	27.788	ug/L	96
50) 1,2-Dibromoethane	11.233	107	57213	24.626	ug/L	91
51) Chlorobenzene	11.654	112	228854	26.427	ug/L	97
52) Ethylbenzene	11.727	91	419524	26.714	ug/L	95
53) m,p-Xylene	11.837	106	156597	27.114	ug/L	95
54) o-Xylene	12.160	106	145096	27.281	ug/L	96
55) Styrene	12.178	104	265225	28.769	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77188	25.045	ug/L	96
59) Bromoform	12.349	173	39589	25.352	ug/L	97
60) Isopropylbenzene	12.458	105	412754	25.702	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54882	21.744	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	336504	28.191	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	336222	26.338	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	175224	25.574	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	189391	26.910	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	162781	26.095	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11950	20.851	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	118161	25.206	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	95179	24.100	ug/L	99
71) Naphthalene	15.354	128	165930	22.019	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	86789	24.280	ug/L	98

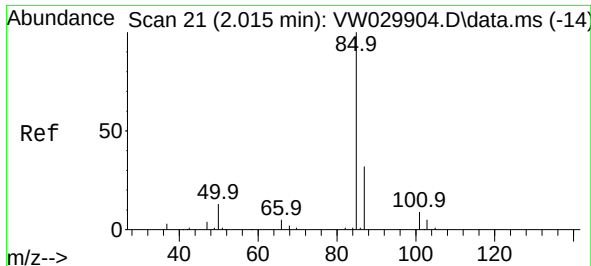
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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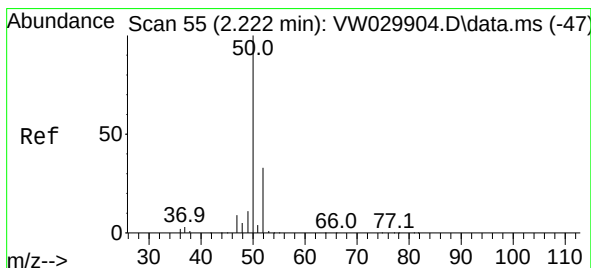
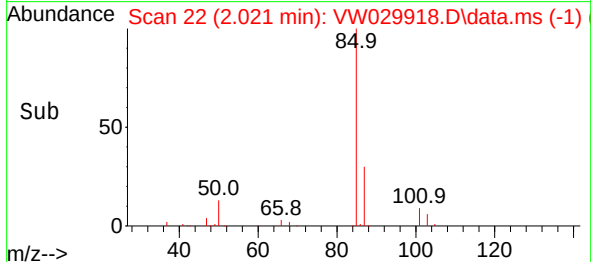
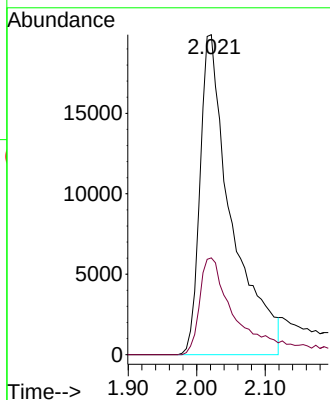
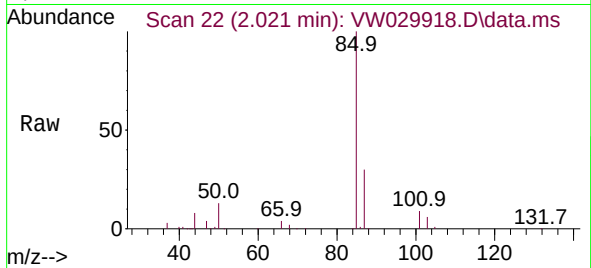




#2
Dichlorodifluoromethane
Concen: 22.575 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

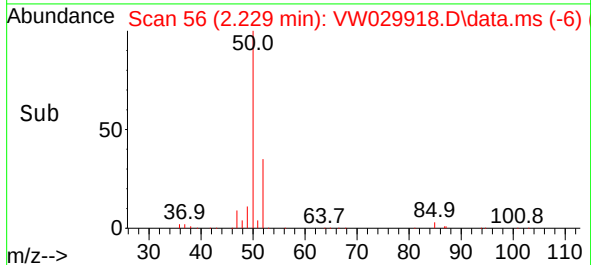
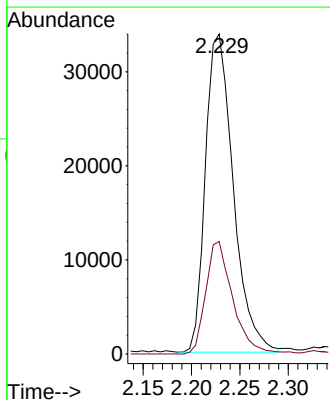
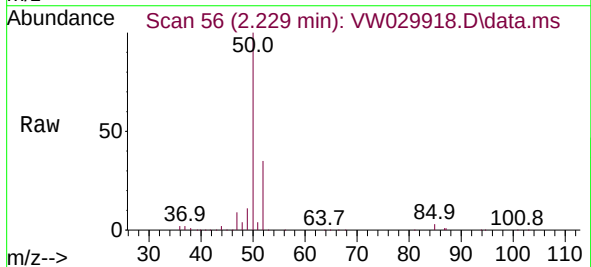
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MSVOA_W
ClientSampleId :

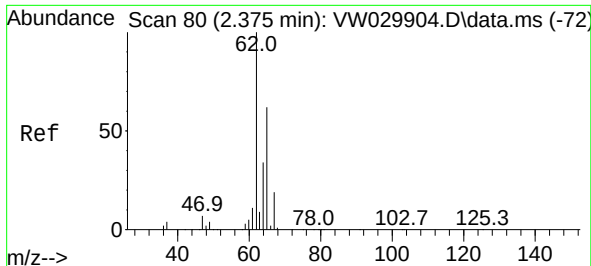
Tgt Ion: 85 Resp: 63429
Ion Ratio Lower Upper
85 100
87 34.0 25.5 38.3



#3
Chloromethane
Concen: 19.516 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Tgt Ion: 50 Resp: 67852
Ion Ratio Lower Upper
50 100
52 35.1 22.5 41.9

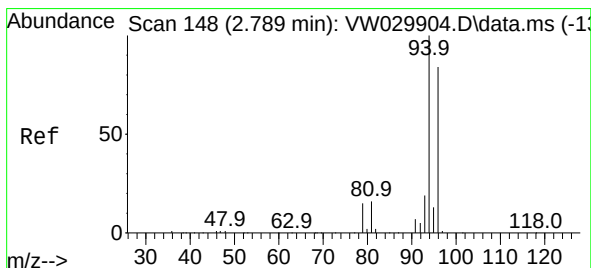
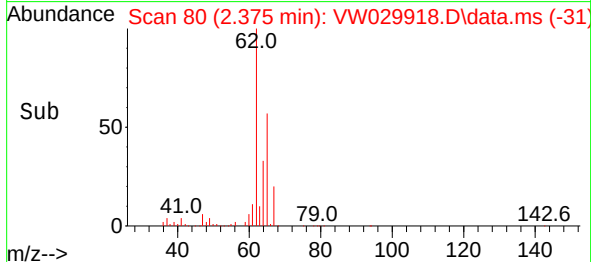
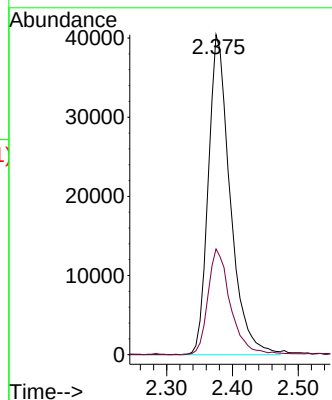
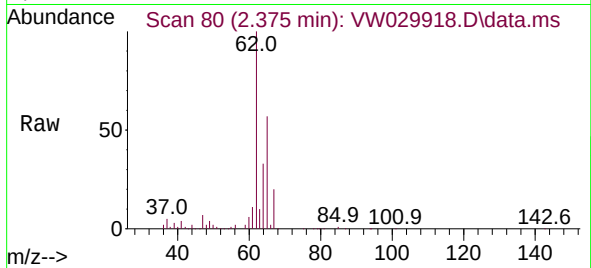




#5
 Vinyl chloride
 Concen: 23.985 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

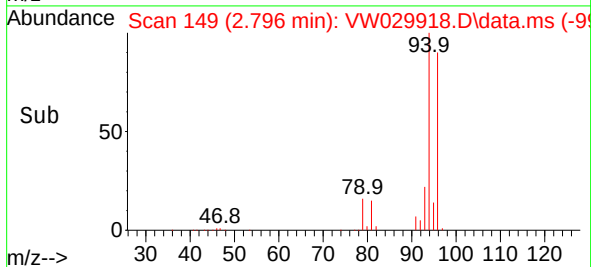
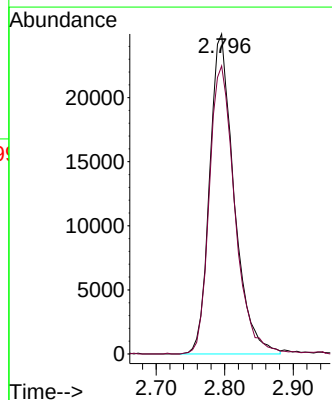
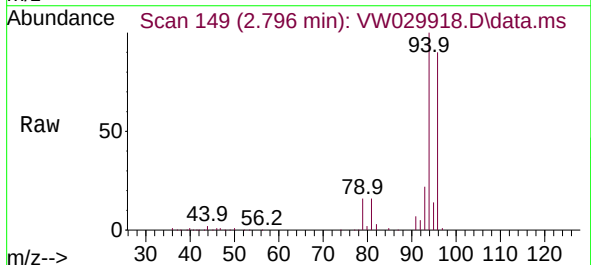
Instrument :
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 ClientSampleId :

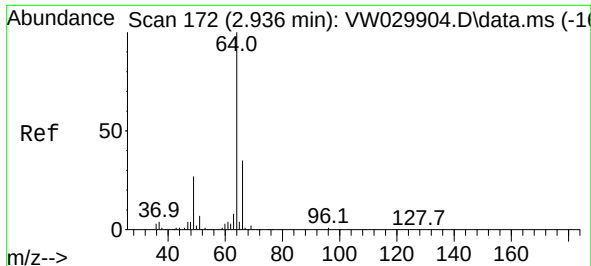
Tgt Ion: 62 Resp: 93437
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 28.882 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

Tgt Ion: 94 Resp: 61783
 Ion Ratio Lower Upper
 94 100
 96 90.0 66.2 123.0

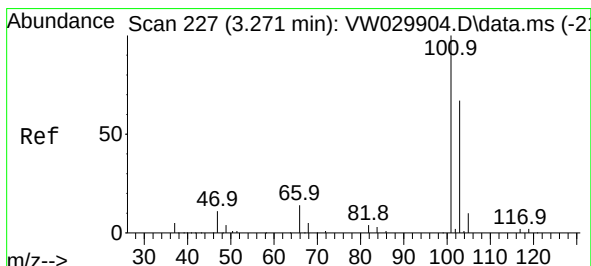
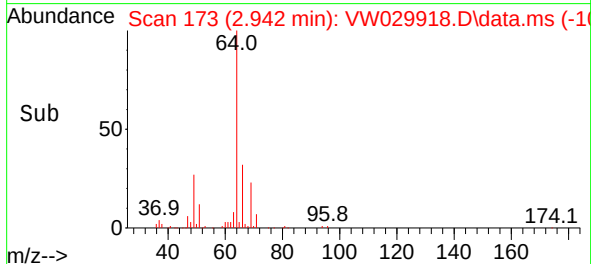
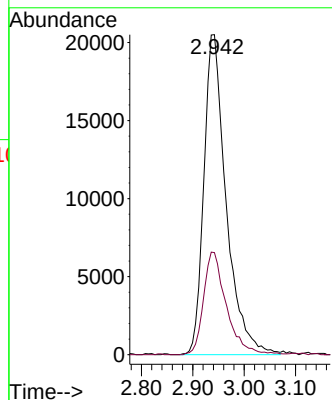
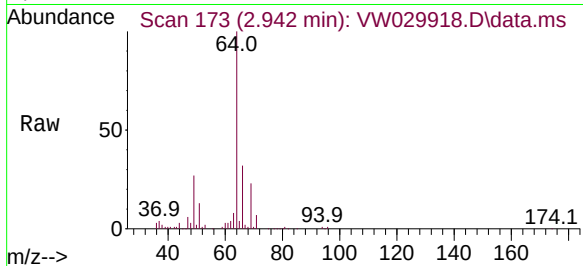




#8
Chloroethane
Concen: 27.957 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

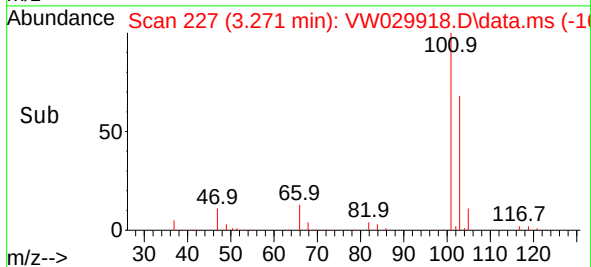
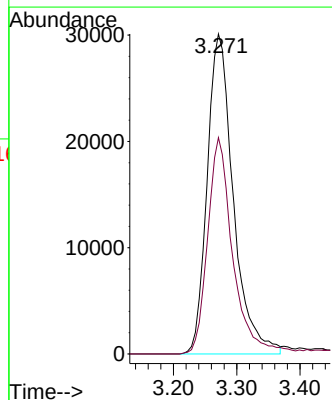
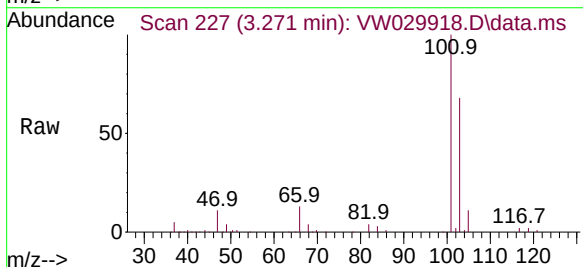
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MSVOA_W
ClientSampleId :

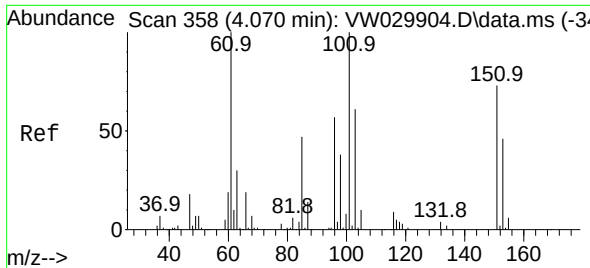
Tgt Ion: 64 Resp: 61957
Ion Ratio Lower Upper
64 100
66 31.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 27.754 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Tgt Ion:101 Resp: 86361
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4





#10

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

Concen: 27.179 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

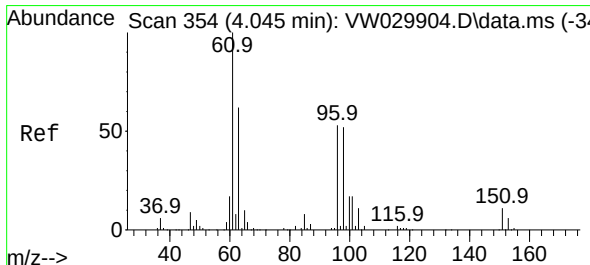
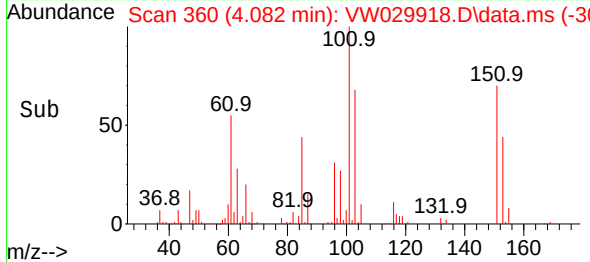
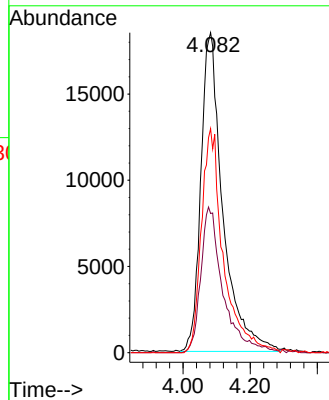
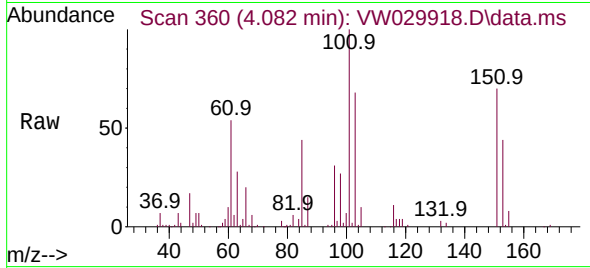
Tgt Ion:101 Resp: 84232

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

151 36.5 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 24.139 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

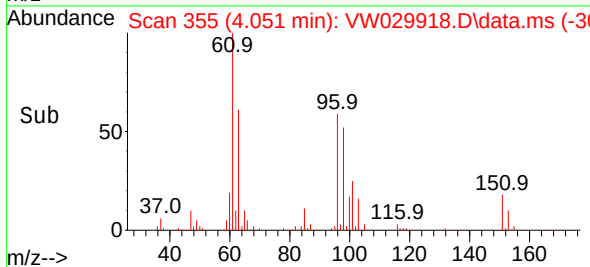
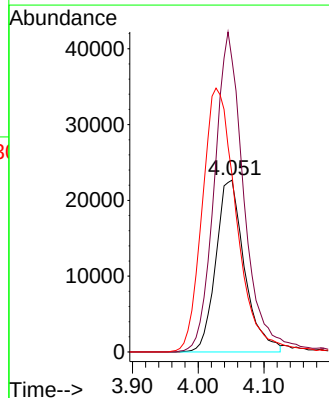
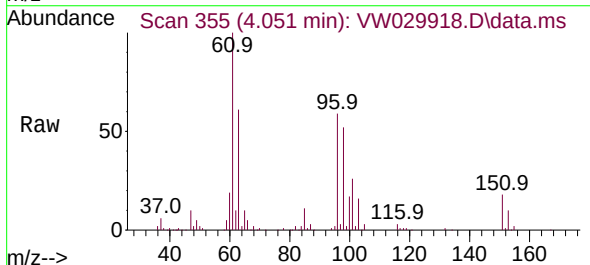
Tgt Ion: 96 Resp: 68738

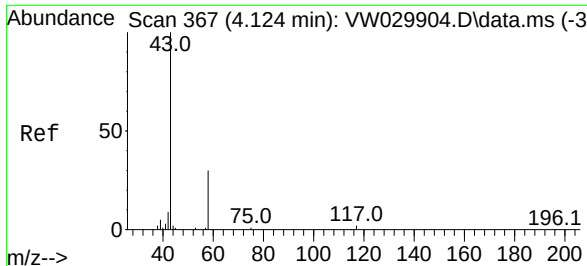
Ion Ratio Lower Upper

96 100

61 169.8 138.3 256.9

63 103.1 89.0 165.4

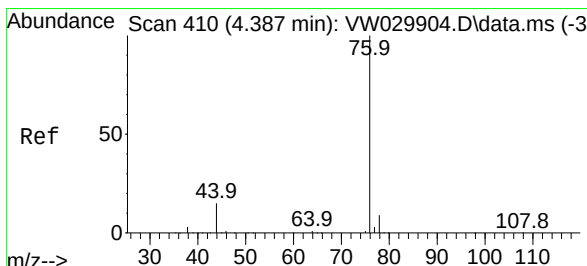
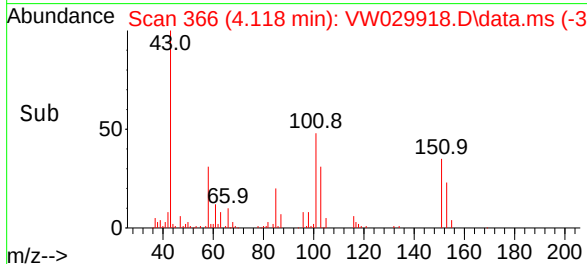
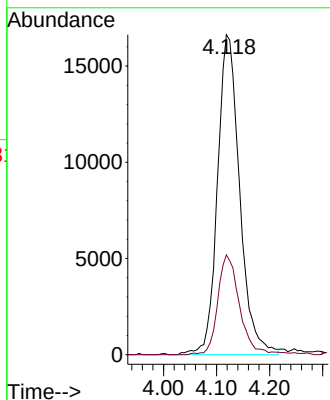
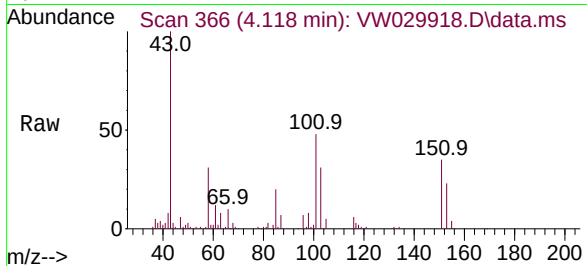




#13
Acetone
Concen: 47.998 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

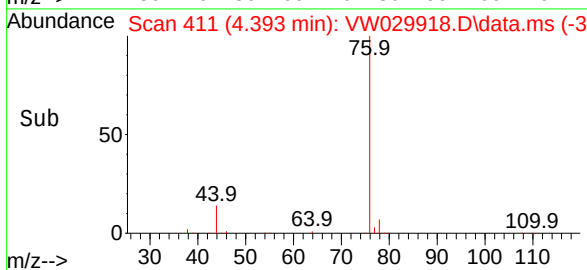
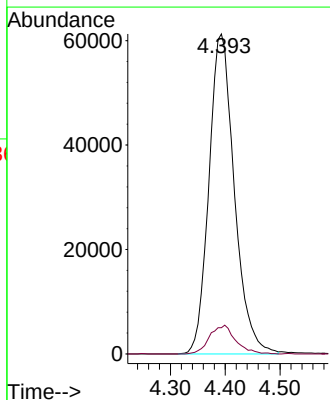
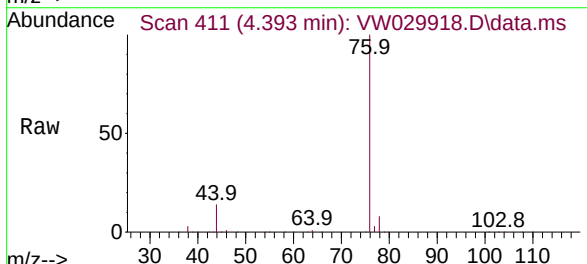
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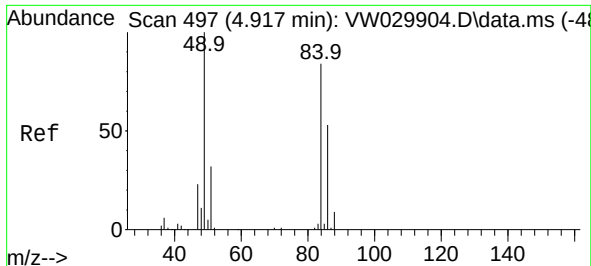
Tgt Ion: 43 Resp: 48380
Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.6



#14
Carbon disulfide
Concen: 20.814 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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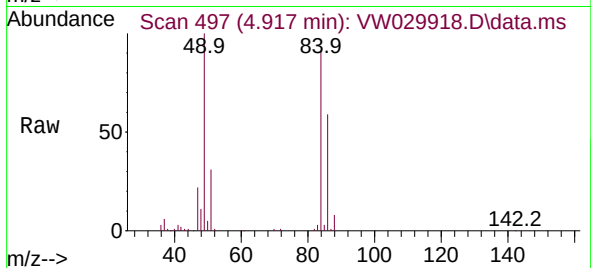
Tgt Ion: 76 Resp: 197245
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



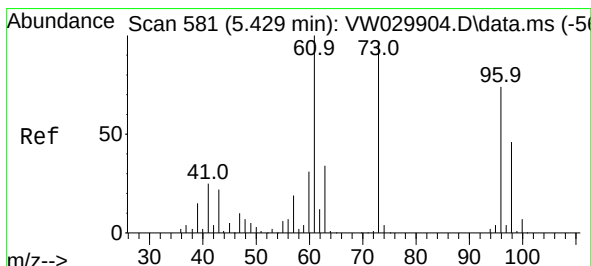
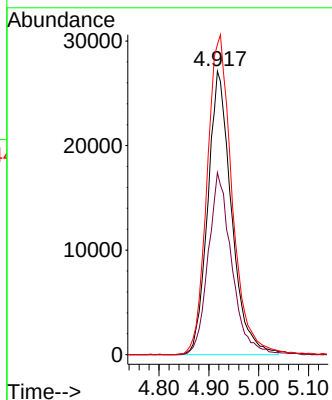
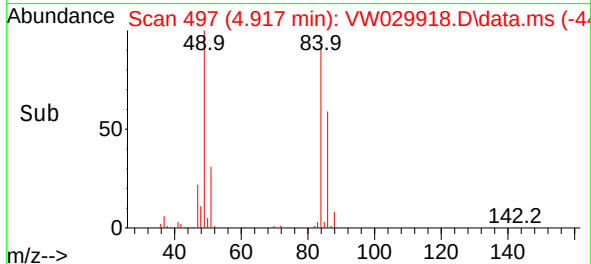


#16
Methylene chloride
Concen: 20.557 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Instrument :
MSVOA_W
ClientSampleId :

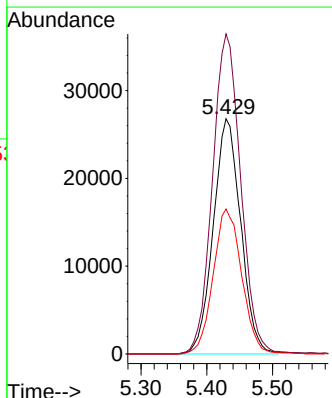
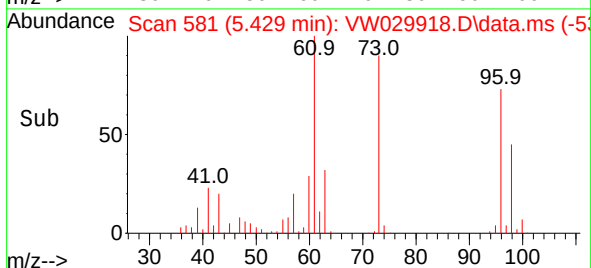
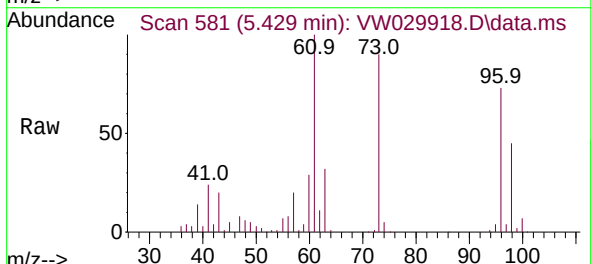


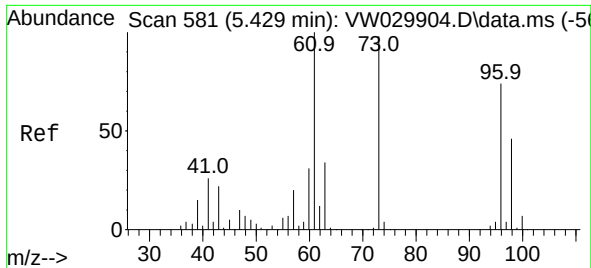
Tgt Ion: 84 Resp: 89579
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 109.4 99.0 184.0



#17
trans-1,2-Dichloroethene
Concen: 25.365 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

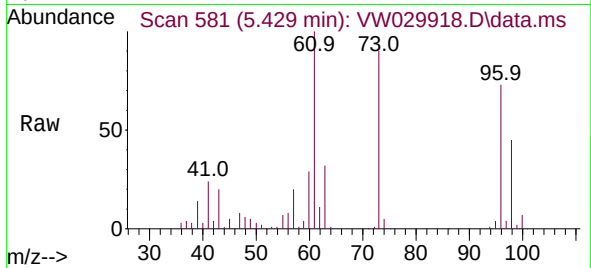
Tgt Ion: 96 Resp: 77836
Ion Ratio Lower Upper
96 100
61 136.1 111.2 206.6
98 61.6 45.0 83.6



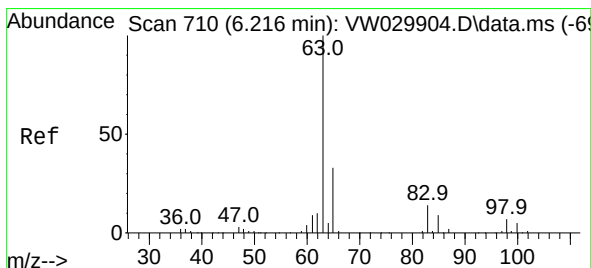
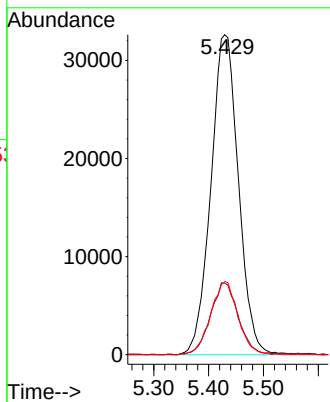
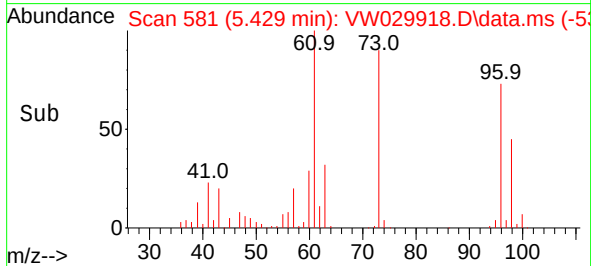


#18
Methyl tert-butyl Ether
Concen: 22.517 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

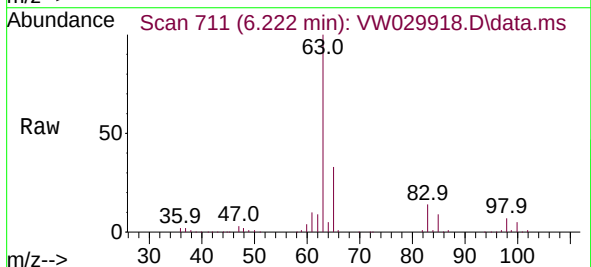
Instrument :
MSVOA_W
ClientSampleId :



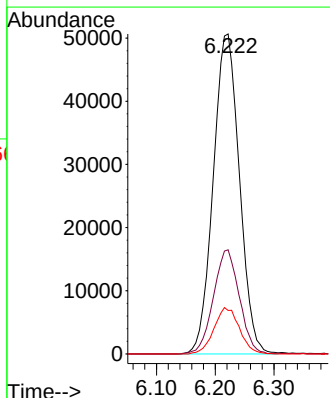
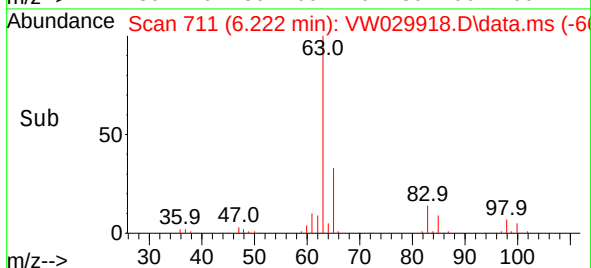
Tgt Ion: 73 Resp: 113878
Ion Ratio Lower Upper
73 100
43 22.7 18.3 27.5
57 22.6 17.9 26.9

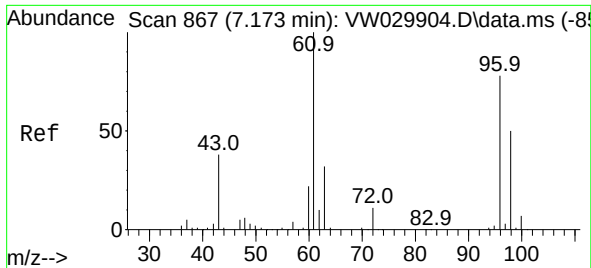


#19
1,1-Dichloroethane
Concen: 24.236 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33



Tgt Ion: 63 Resp: 156852
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.3
83 13.6 8.5 15.7

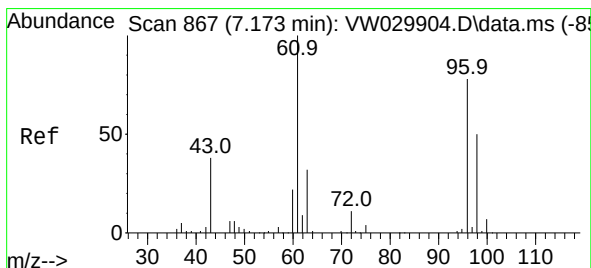
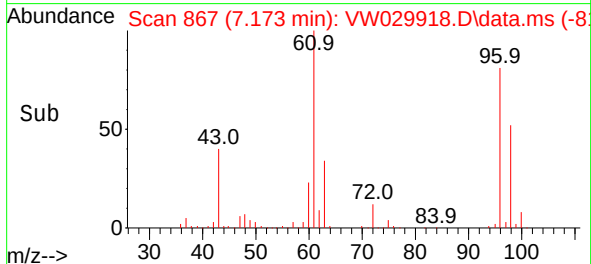
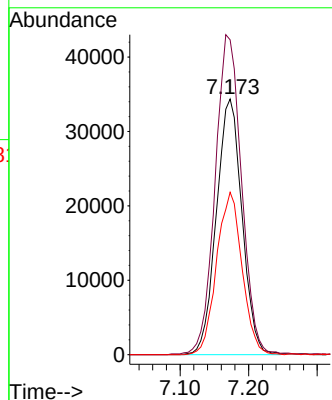
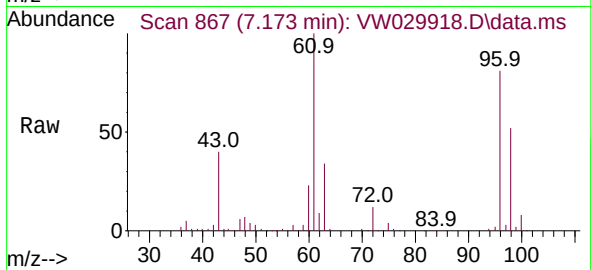




#20
 cis-1,2-Dichloroethene
 Concen: 26.805 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

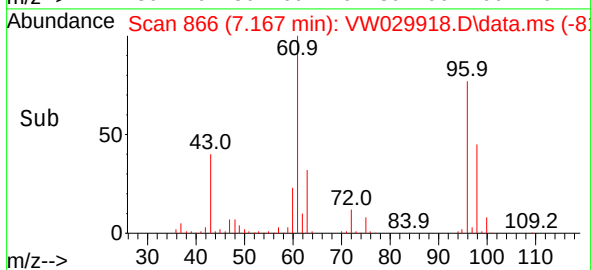
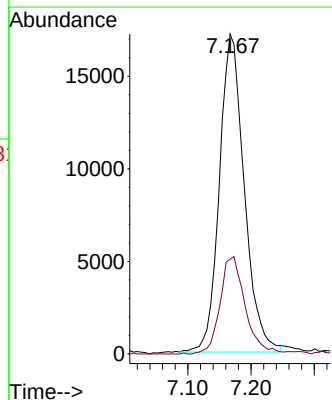
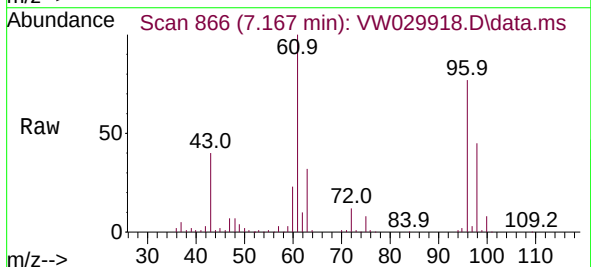
Instrument :
 MSVOA_W
 ClientSampleId :

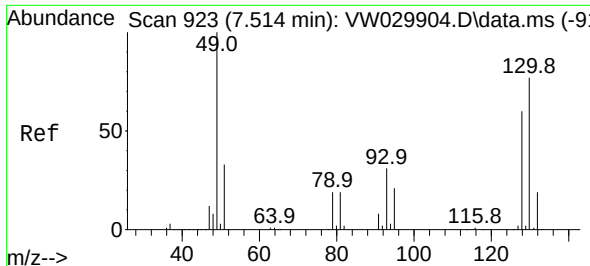
Tgt Ion: 96 Resp: 89224
 Ion Ratio Lower Upper
 96 100
 61 123.1 98.2 182.4
 98 63.5 41.9 77.9



#22
 2-Butanone
 Concen: 36.287 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

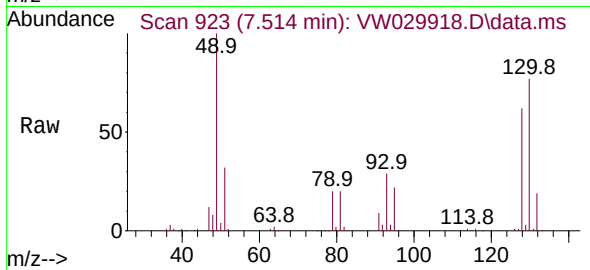
Tgt Ion: 43 Resp: 46865
 Ion Ratio Lower Upper
 43 100
 72 30.8 11.7 35.1



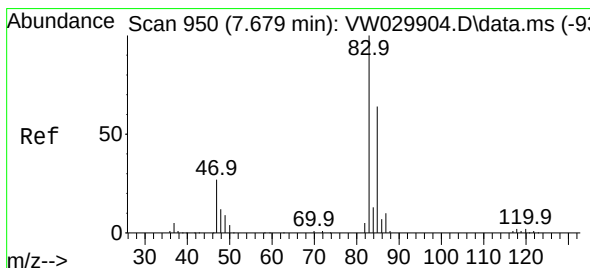
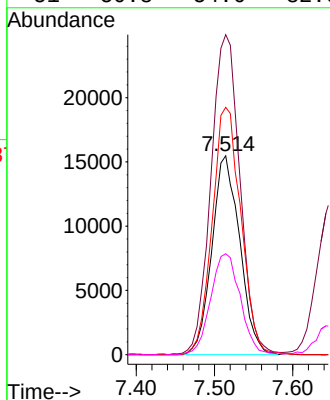
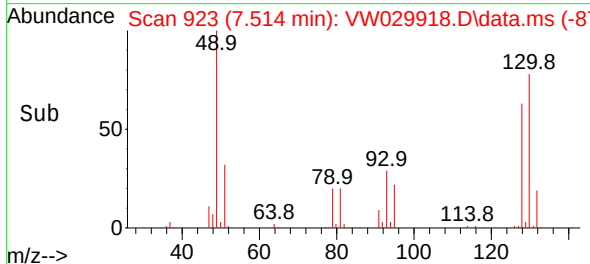


#23
Bromochloromethane
Concen: 27.041 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Instrument :
MSVOA_W
ClientSampleId :

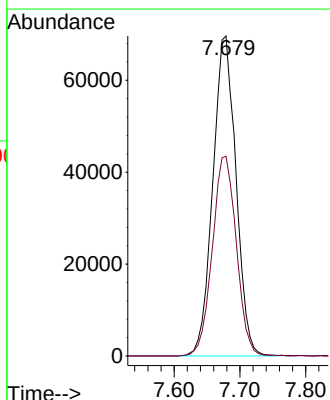
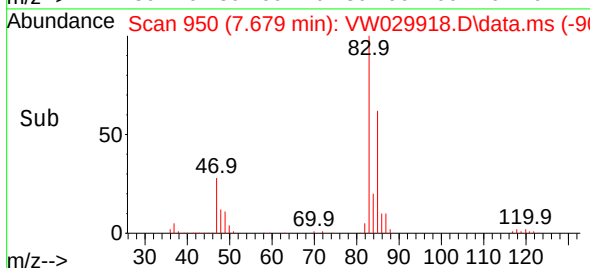
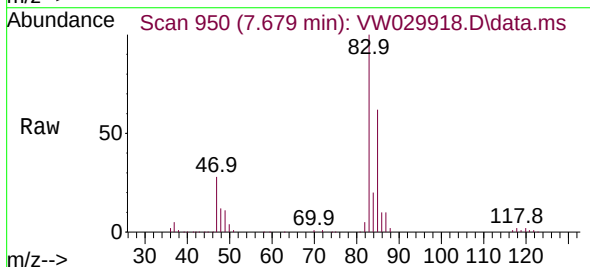


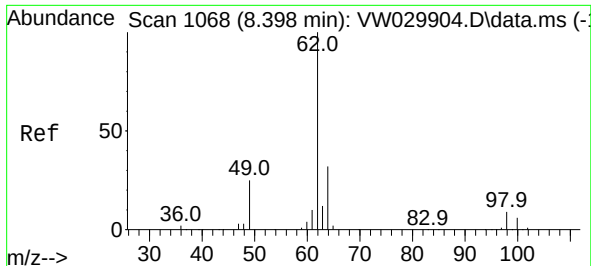
Tgt Ion:128 Resp: 38212
Ion Ratio Lower Upper
128 100
49 160.9 151.1 280.7
130 124.3 96.8 179.8
51 50.8 54.6 82.0#



#25
Chloroform
Concen: 27.959 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Tgt Ion: 83 Resp: 170484
Ion Ratio Lower Upper
83 100
85 62.4 44.4 82.4





#27

1,2-Dichloroethane

Concen: 24.818 ug/L

RT: 8.398 min Scan# 110285

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

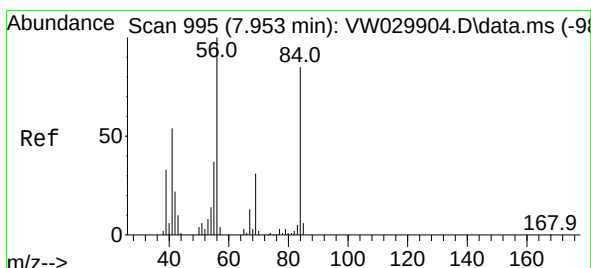
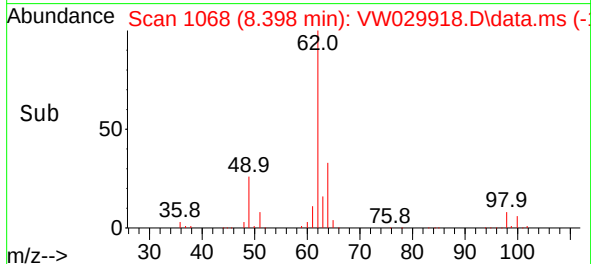
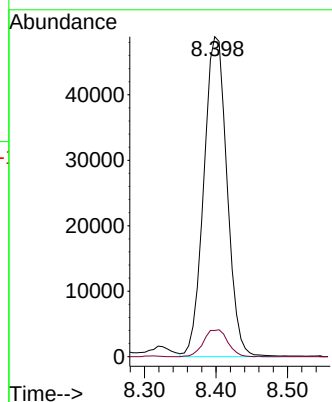
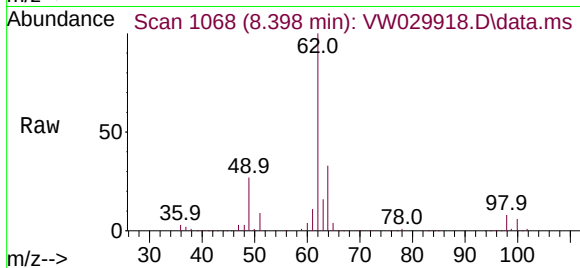
ClientSampleId :

Tgt Ion: 62 Resp: 110285

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0



#29

Cyclohexane

Concen: 19.768 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

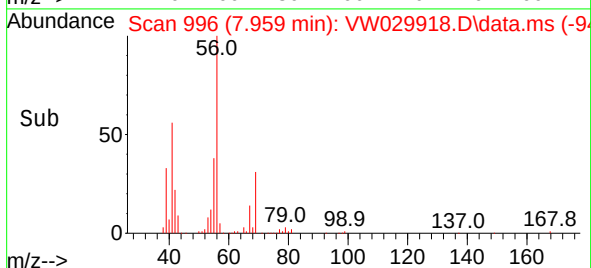
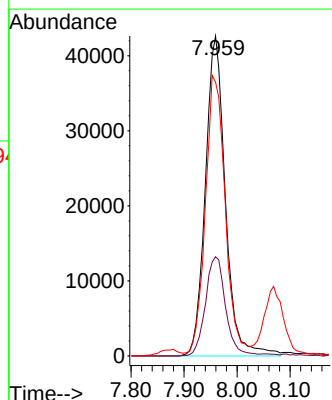
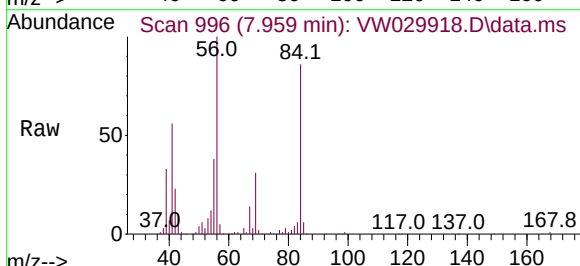
Tgt Ion: 56 Resp: 111827

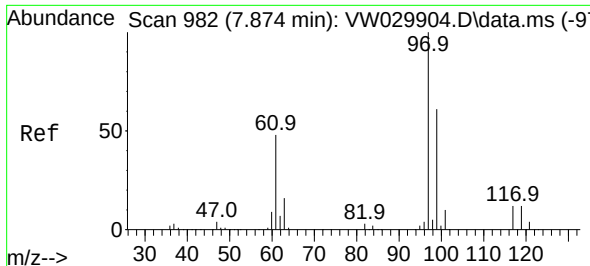
Ion Ratio Lower Upper

56 100

69 31.1 23.0 34.4

84 86.0 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 26.764 ug/L

RT: 7.868 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

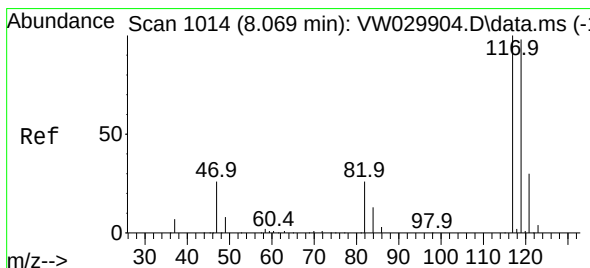
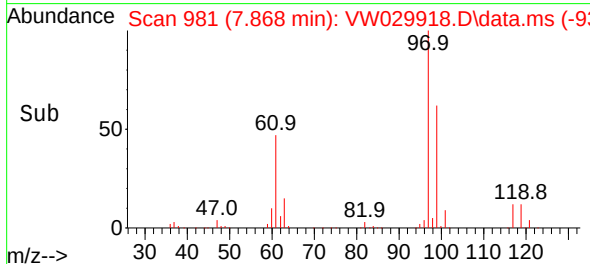
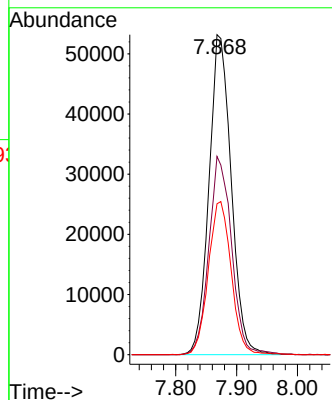
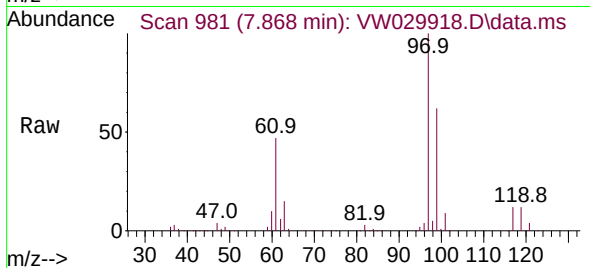
Tgt Ion: 97 Resp: 134919

Ion Ratio Lower Upper

97 100

99 63.4 52.1 78.1

61 49.2 42.6 63.8



#31

Carbon tetrachloride

Concen: 26.325 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029918.D

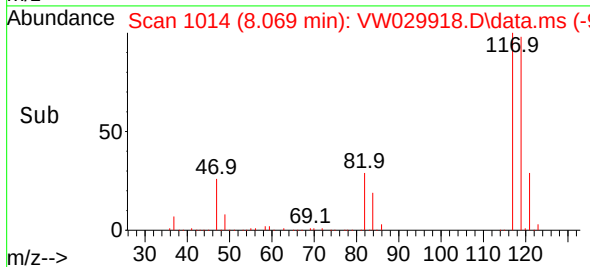
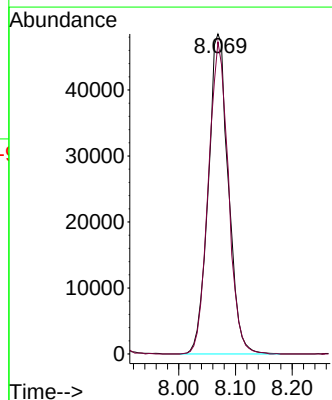
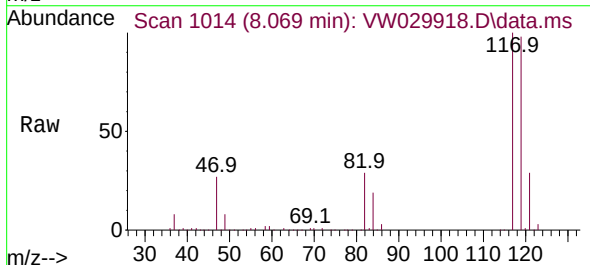
Acq: 16 Aug 2024 08:33

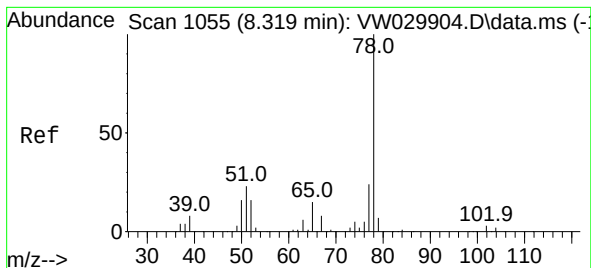
Tgt Ion: 117 Resp: 119576

Ion Ratio Lower Upper

117 100

119 97.1 74.8 112.2





#33

Benzene

Concen: 25.263 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW029918.D

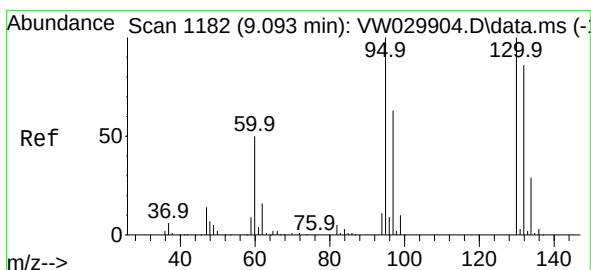
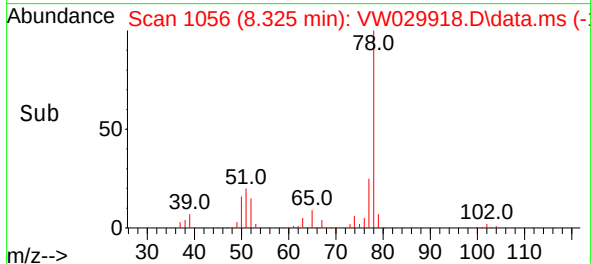
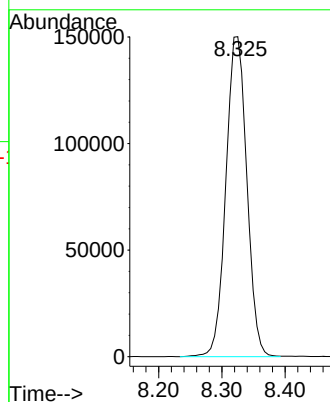
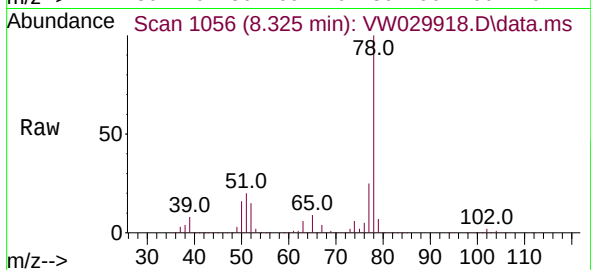
Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 344574



#34

Trichloroethene

Concen: 25.185 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Tgt Ion: 95 Resp: 90051

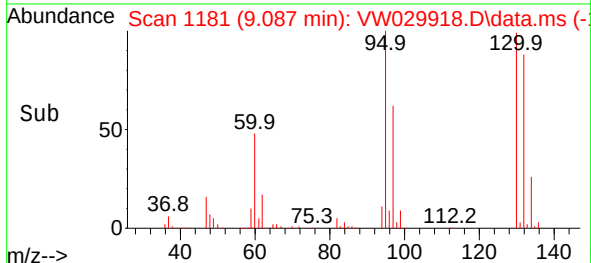
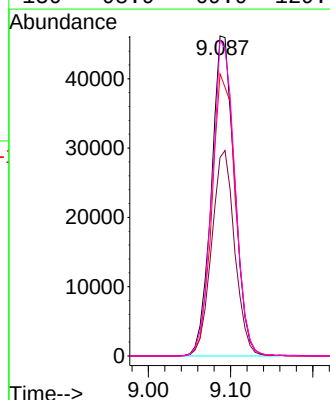
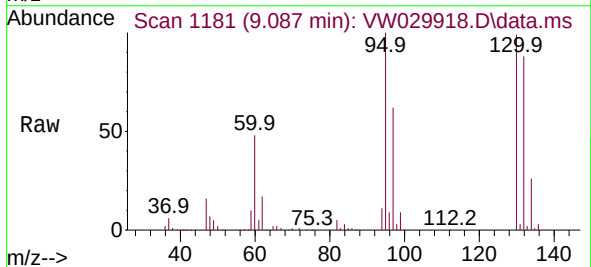
Ion Ratio Lower Upper

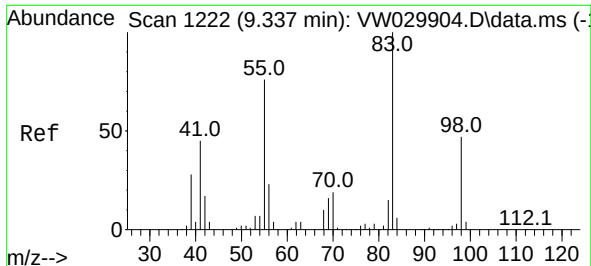
95 100

97 62.0 45.6 84.8

132 88.1 65.2 121.0

130 98.9 69.9 129.7





#35

Methylcyclohexane

Concen: 23.421 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

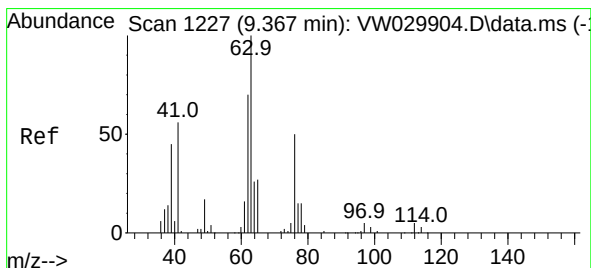
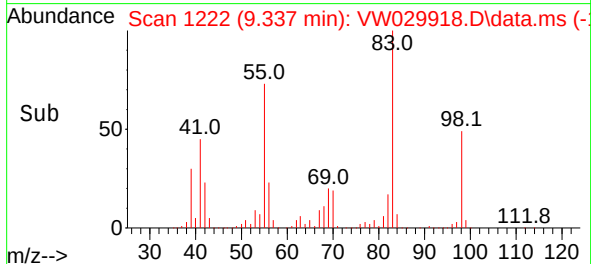
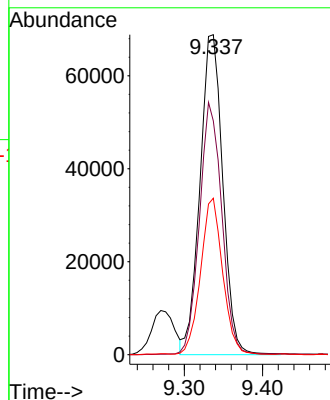
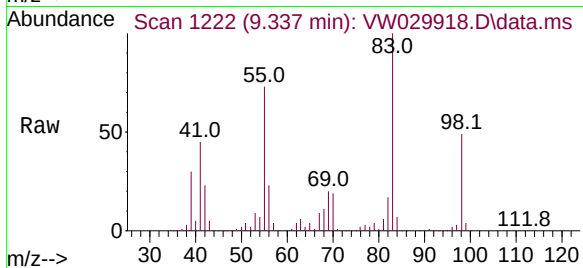
Tgt Ion: 83 Resp: 139541

Ion Ratio Lower Upper

83 100

55 77.2 67.4 101.2

98 47.5 36.7 55.1



#37

1,2-Dichloropropane

Concen: 23.621 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029918.D

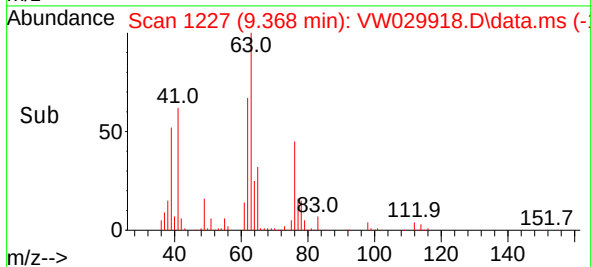
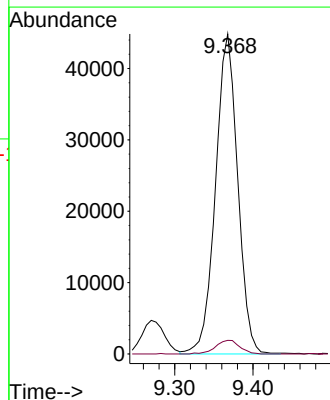
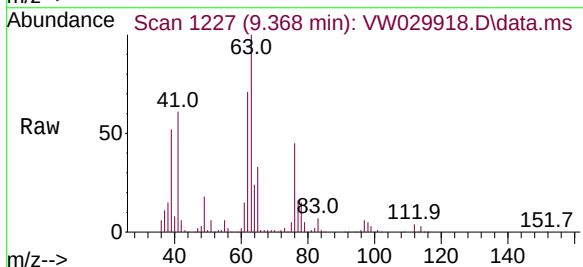
Acq: 16 Aug 2024 08:33

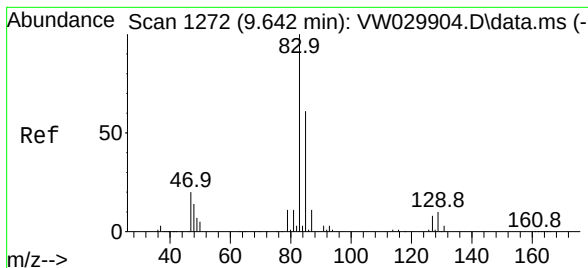
Tgt Ion: 63 Resp: 88287

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9





#38

Bromodichloromethane

Concen: 27.101 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

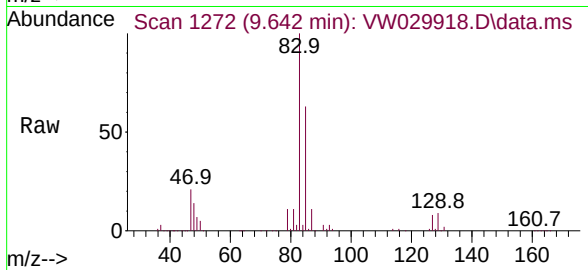
Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :



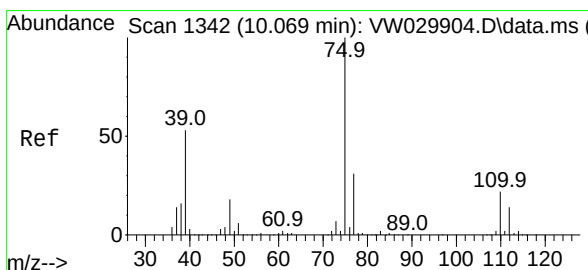
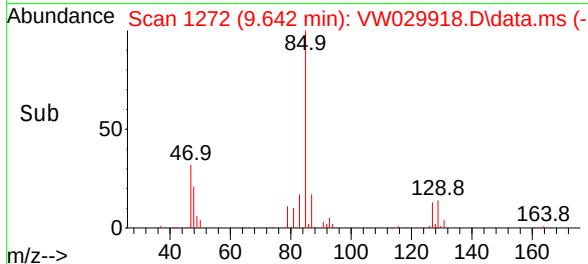
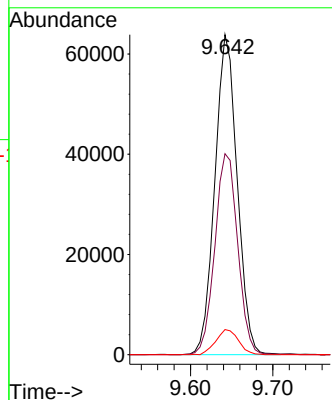
Tgt Ion: 83 Resp: 120623

Ion Ratio Lower Upper

83 100

85 62.8 46.6 86.6

127 7.9 5.9 8.9



#39

cis-1,3-Dichloropropene

Concen: 24.071 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029918.D

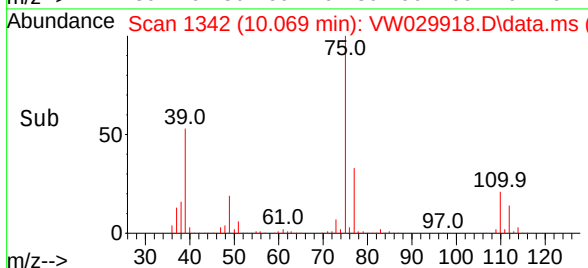
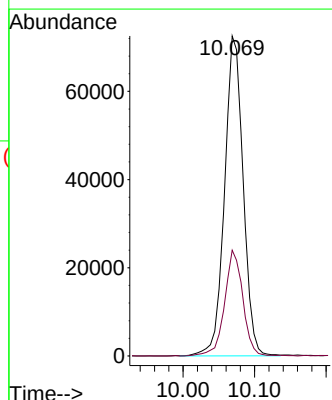
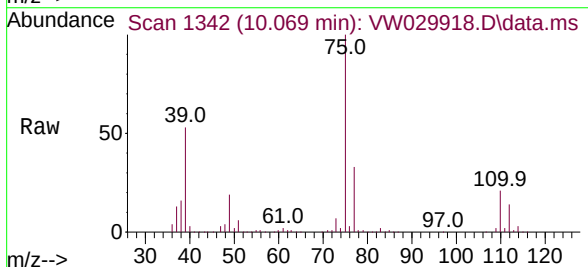
Acq: 16 Aug 2024 08:33

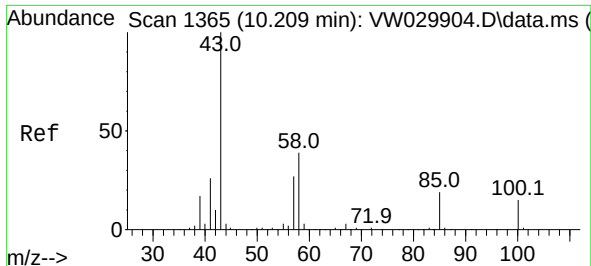
Tgt Ion: 75 Resp: 131028

Ion Ratio Lower Upper

75 100

77 33.1 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 36.593 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

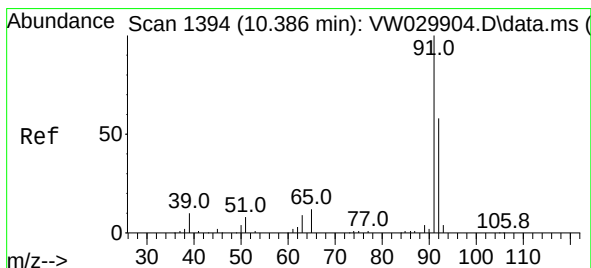
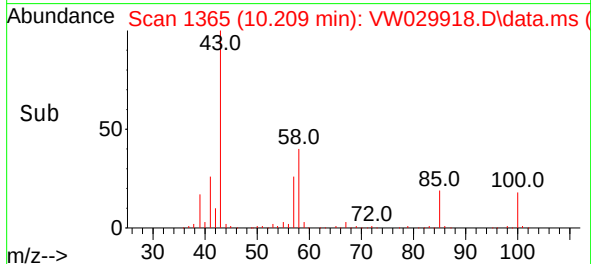
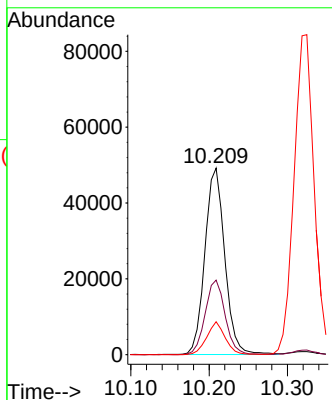
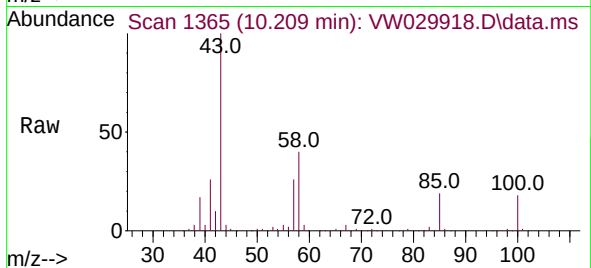
Tgt Ion: 43 Resp: 86876

Ion Ratio Lower Upper

43 100

58 40.2 28.7 43.1

100 16.4 10.0 15.0#



#42

Toluene

Concen: 26.902 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029918.D

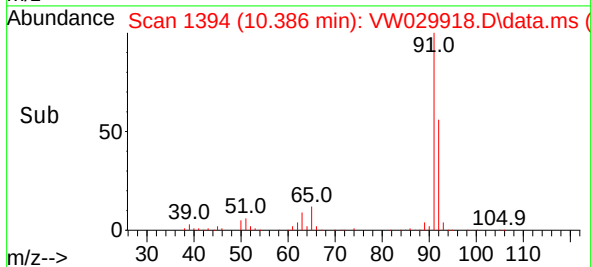
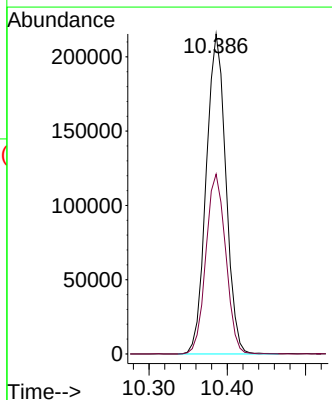
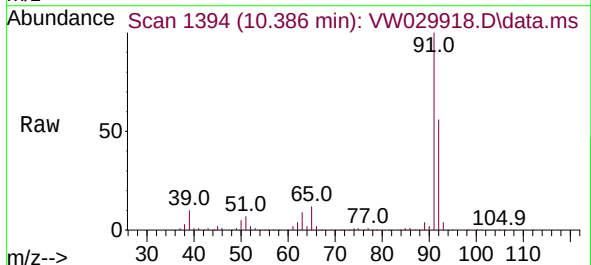
Acq: 16 Aug 2024 08:33

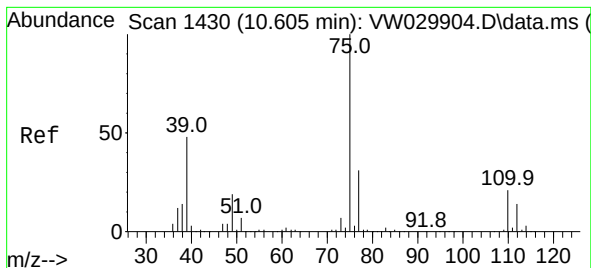
Tgt Ion: 91 Resp: 374525

Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 24.584 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

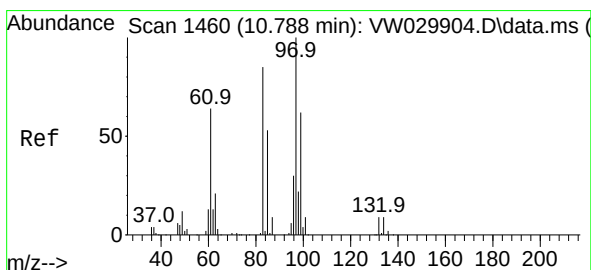
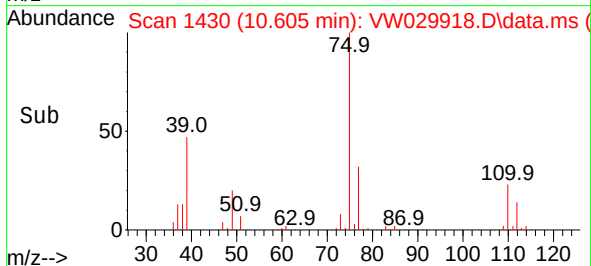
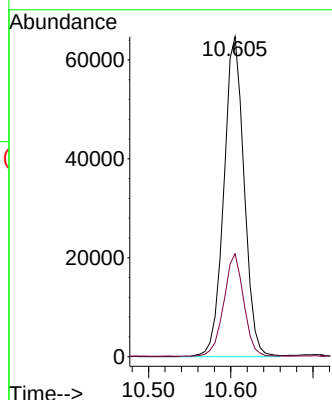
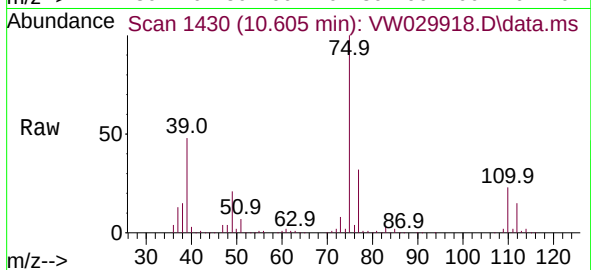
ClientSampleId :

Tgt Ion: 75 Resp: 111089

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 25.599 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Tgt Ion: 97 Resp: 64280

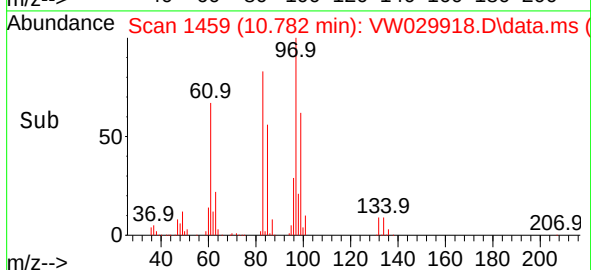
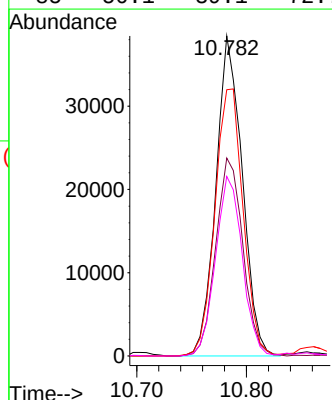
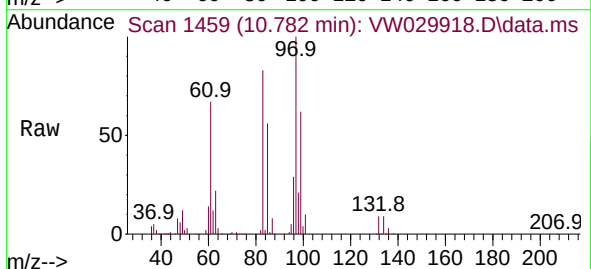
Ion Ratio Lower Upper

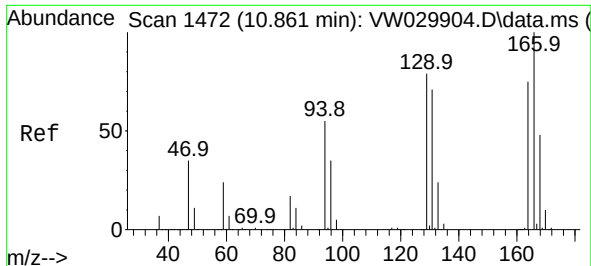
97 100

99 61.9 40.1 74.5

83 83.2 58.5 108.7

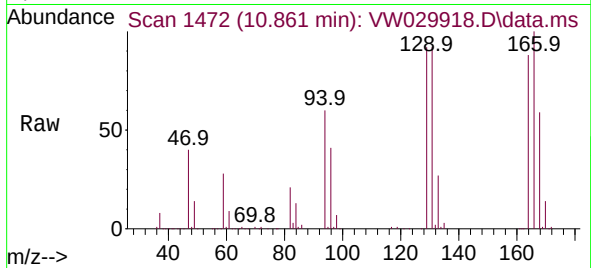
85 56.1 39.1 72.7



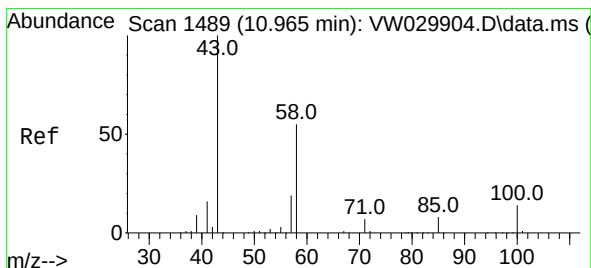
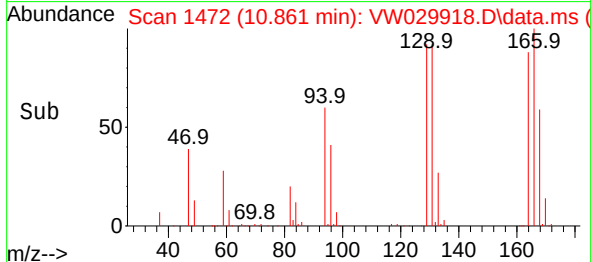
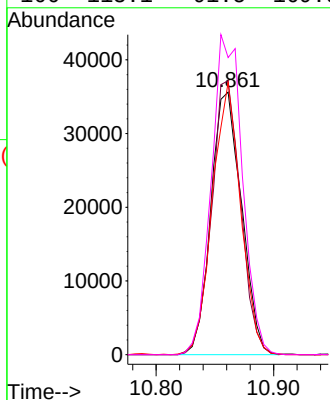


#46
Tetrachloroethene
Concen: 24.861 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Instrument :
MSVOA_W
ClientSampleId :

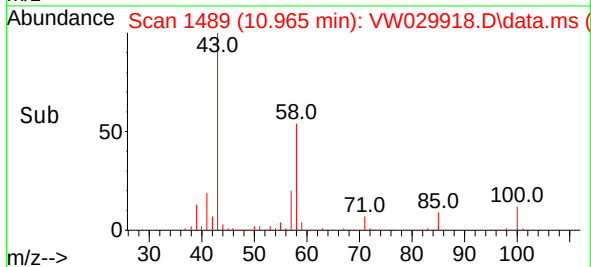
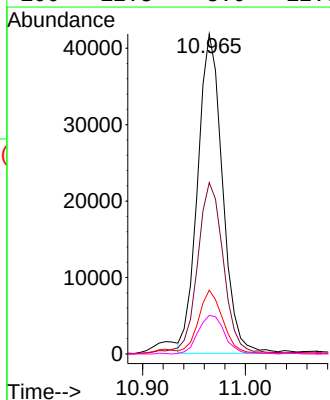
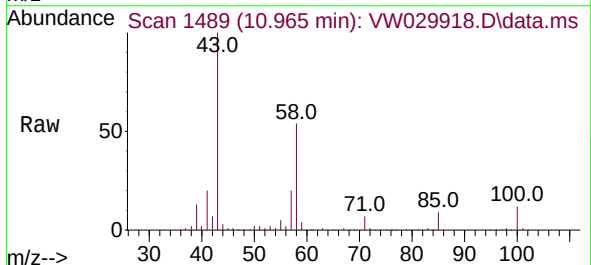


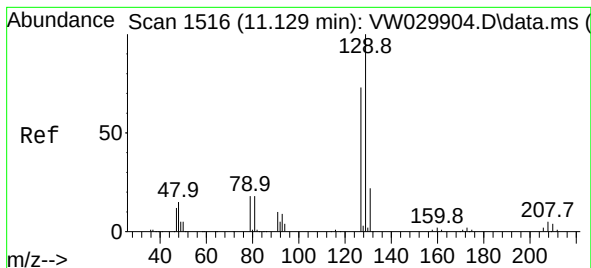
Tgt Ion:	164	Resp:	64609
Ion	Ratio	Lower	Upper
164	100		
129	104.3	77.8	144.6
131	103.6	70.9	131.7
166	113.1	91.5	169.9



#48
2-Hexanone
Concen: 39.566 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029918.D
Acq: 16 Aug 2024 08:33

Tgt Ion:	43	Resp:	70353
Ion	Ratio	Lower	Upper
43	100		
58	56.8	41.0	61.4
57	19.9	14.1	21.1
100	12.8	8.0	12.0#





#49

Dibromochloromethane

Concen: 27.788 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

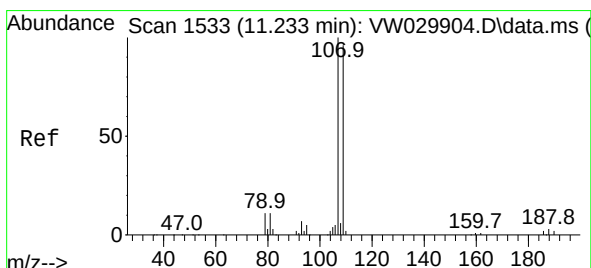
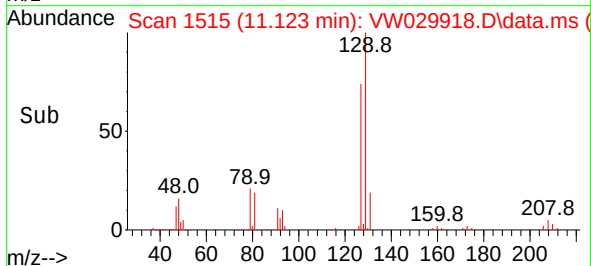
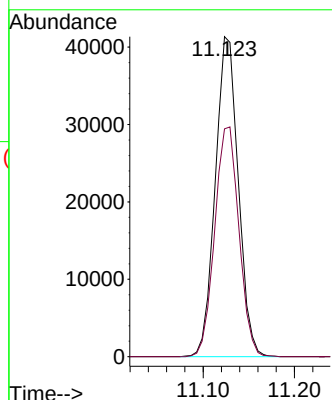
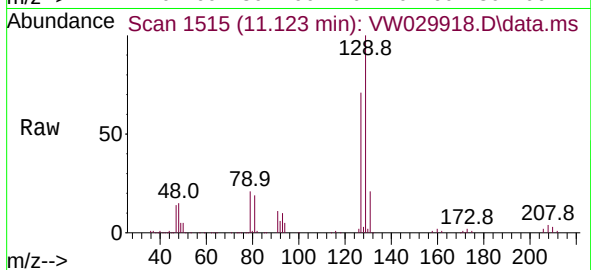
ClientSampleId :

Tgt Ion:129 Resp: 72435

Ion Ratio Lower Upper

129 100

127 71.2 52.4 97.2



#50

1,2-Dibromoethane

Concen: 24.626 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

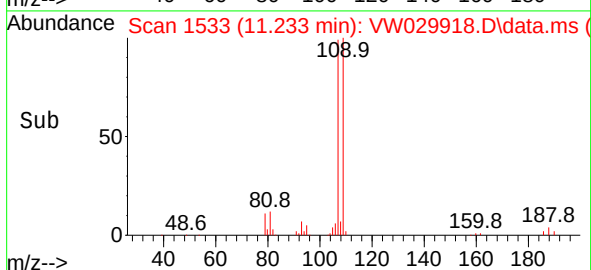
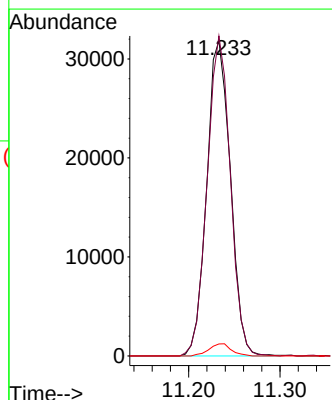
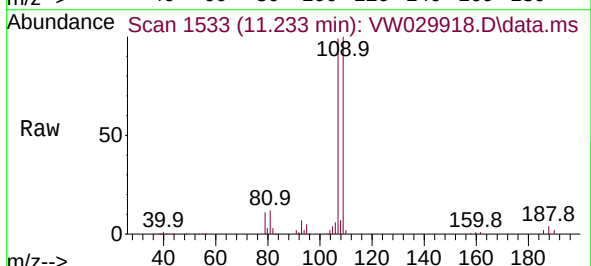
Tgt Ion:107 Resp: 57213

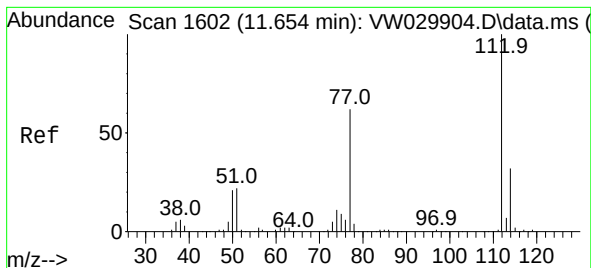
Ion Ratio Lower Upper

107 100

109 101.5 64.8 120.3

188 3.8 2.7 4.1





#51

Chlorobenzene

Concen: 26.427 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

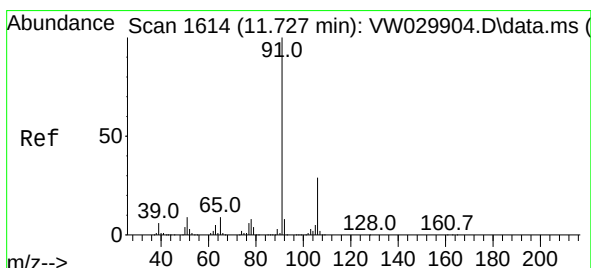
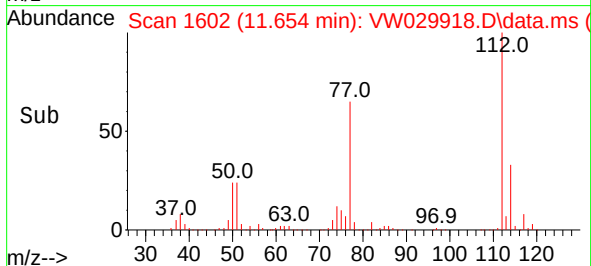
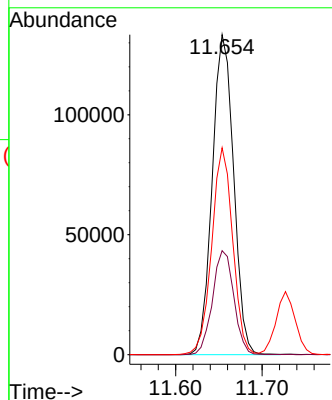
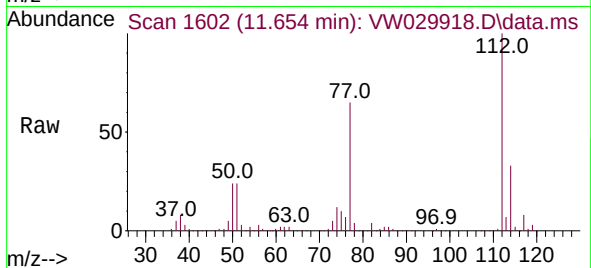
Tgt Ion:112 Resp: 228854

Ion Ratio Lower Upper

112 100

114 32.5 22.0 40.8

77 64.6 53.8 80.8



#52

Ethylbenzene

Concen: 26.714 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW029918.D

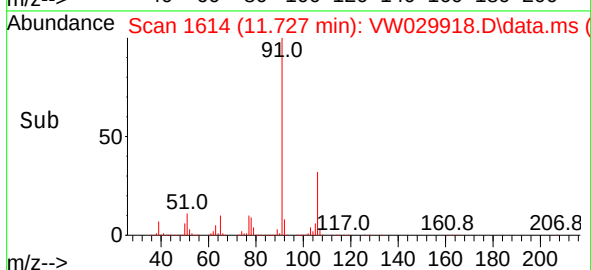
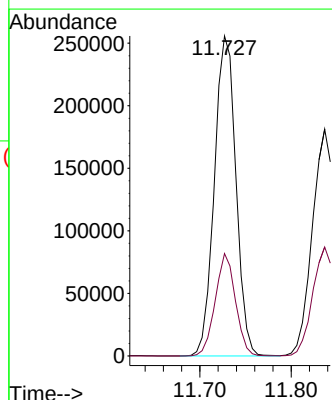
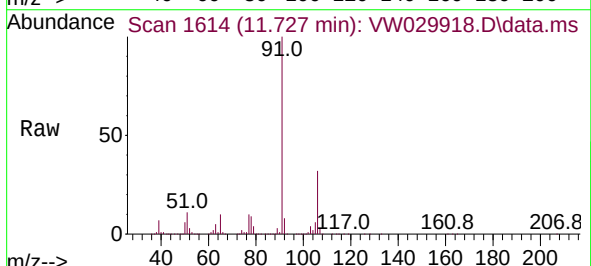
Acq: 16 Aug 2024 08:33

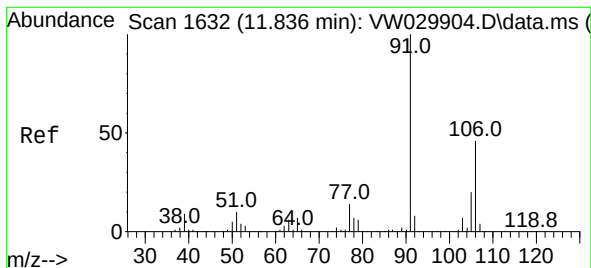
Tgt Ion: 91 Resp: 419524

Ion Ratio Lower Upper

91 100

106 32.0 20.4 38.0





#53

m,p-Xylene

Concen: 27.114 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

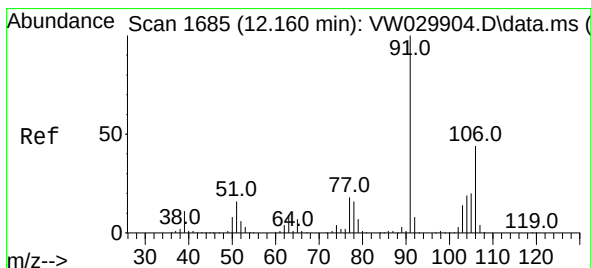
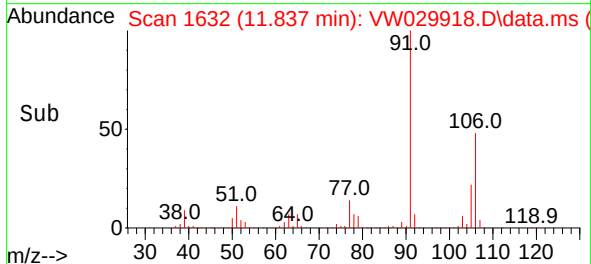
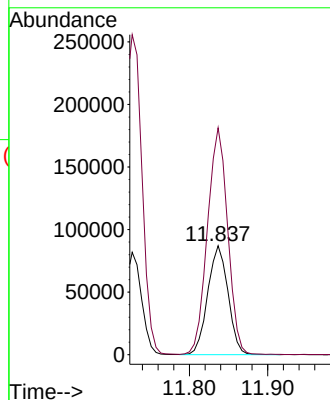
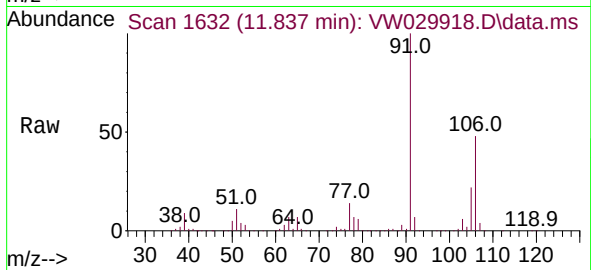
ClientSampleId :

Tgt Ion:106 Resp: 156597

Ion Ratio Lower Upper

106 100

91 208.2 151.4 281.2



#54

o-Xylene

Concen: 27.281 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW029918.D

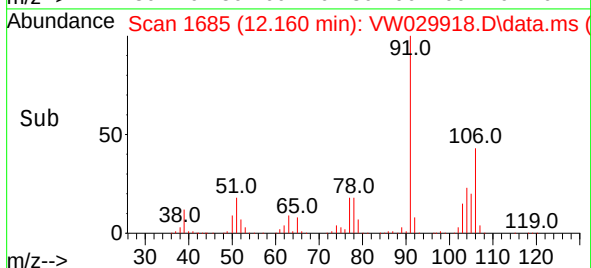
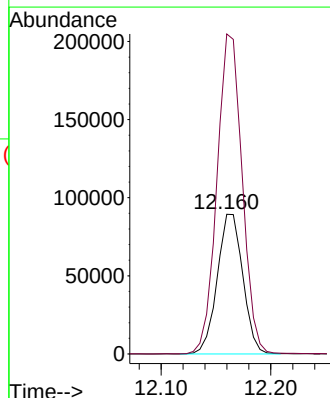
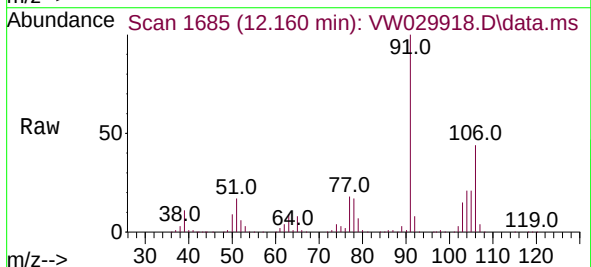
Acq: 16 Aug 2024 08:33

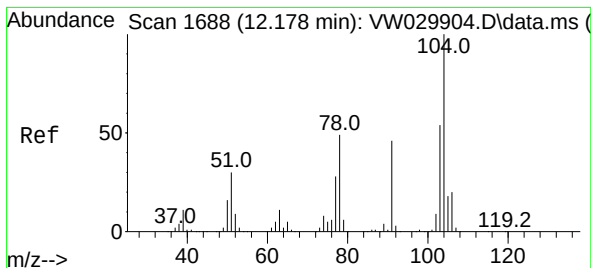
Tgt Ion:106 Resp: 145096

Ion Ratio Lower Upper

106 100

91 229.0 155.8 289.4





#55

Styrene

Concen: 28.769 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

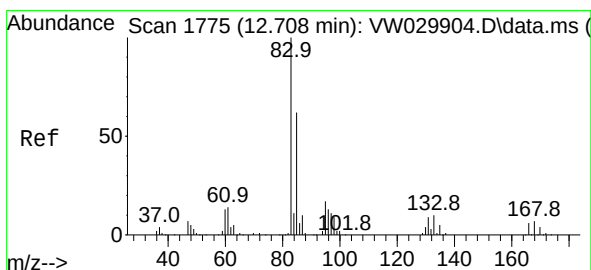
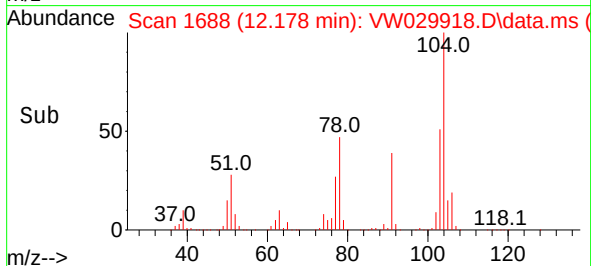
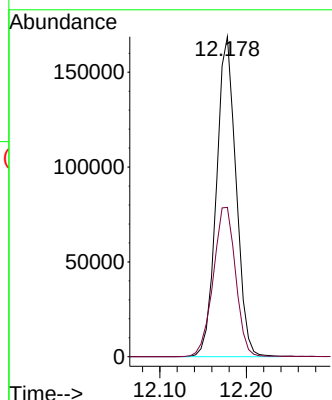
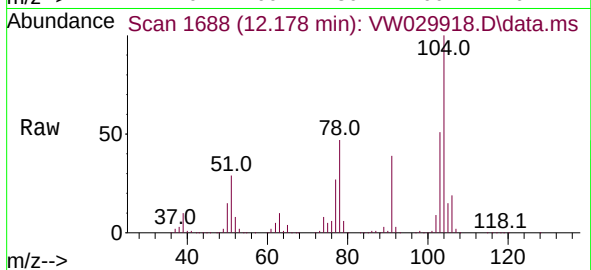
ClientSampleId :

Tgt Ion:104 Resp: 265225

Ion Ratio Lower Upper

104 100

78 46.6 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.045 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

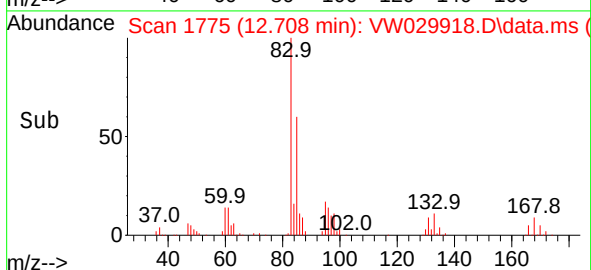
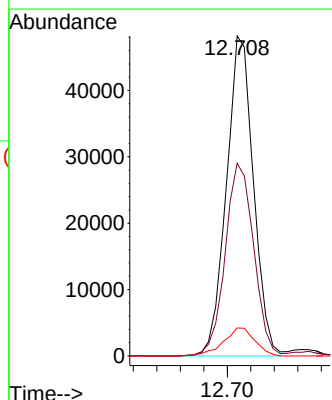
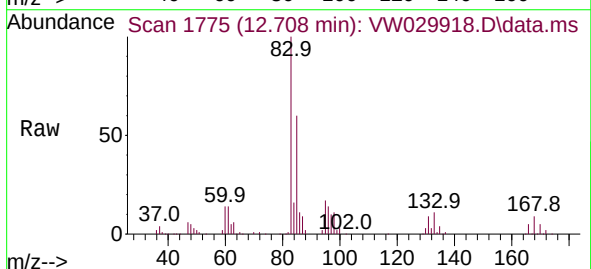
Tgt Ion: 83 Resp: 77188

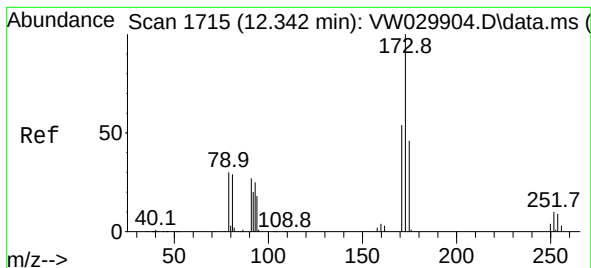
Ion Ratio Lower Upper

83 100

85 60.2 44.2 82.0

131 8.8 6.2 9.2





#59

Bromoform

Concen: 25.352 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029918.D

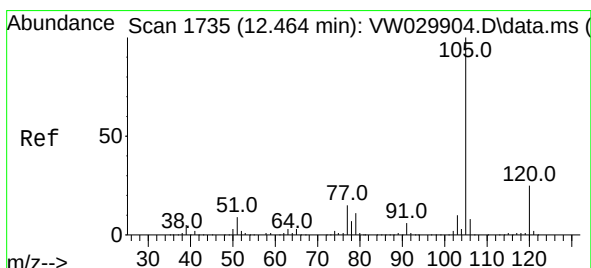
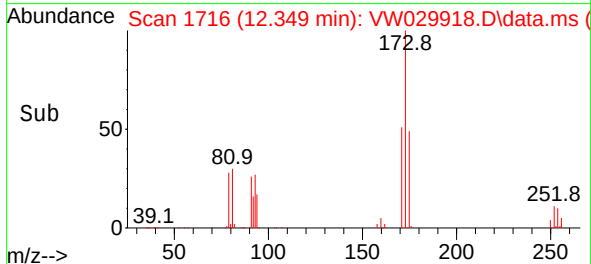
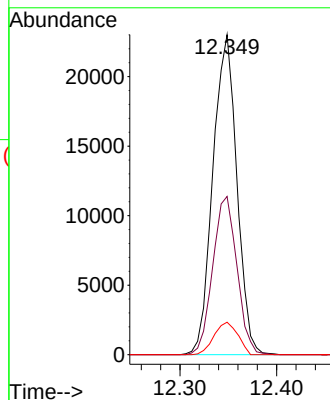
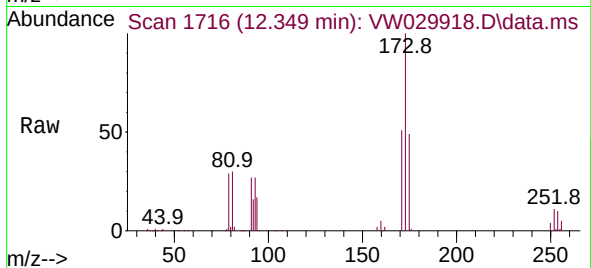
Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	39589
Ion Ratio	Lower	Upper
173	100	
175	50.0	38.1 57.1
254	10.1	7.8 11.6



#60

Isopropylbenzene

Concen: 25.702 ug/L

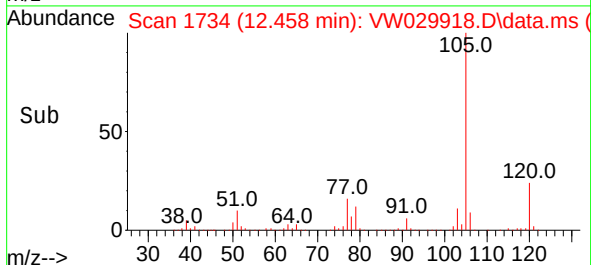
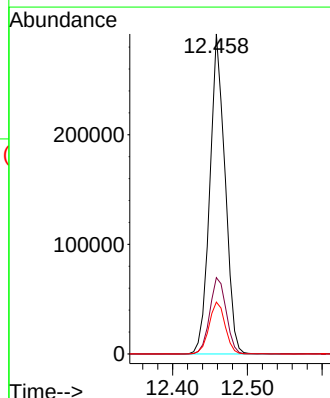
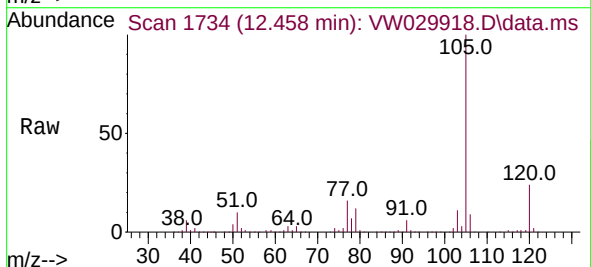
RT: 12.458 min Scan# 1734

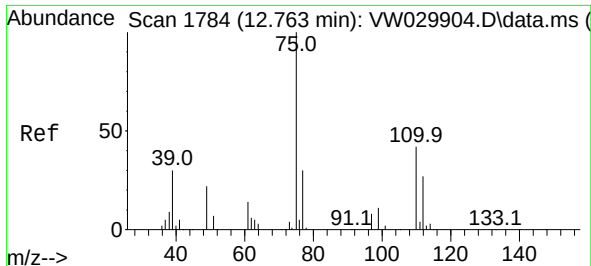
Delta R.T. -0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Tgt Ion:105	Resp:	412754
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.3 30.5
77	17.1	14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 21.744 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029918.D

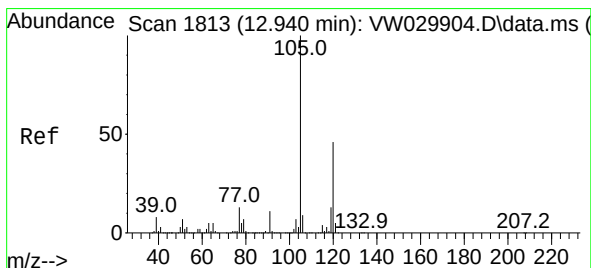
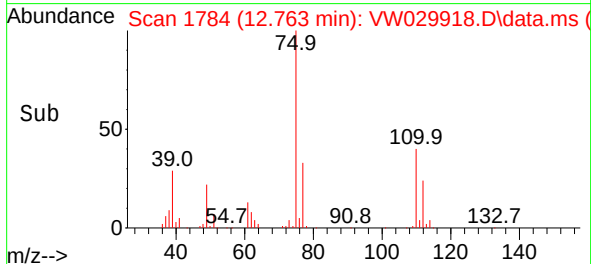
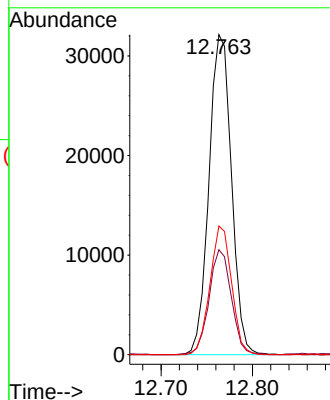
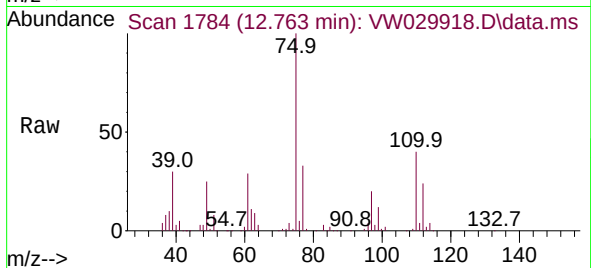
Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 54882
Ion Ratio	Lower Upper
75	100
77	32.5 25.4 38.0
110	38.7 28.6 43.0



#62

1,3,5-Trimethylbenzene

Concen: 28.191 ug/L

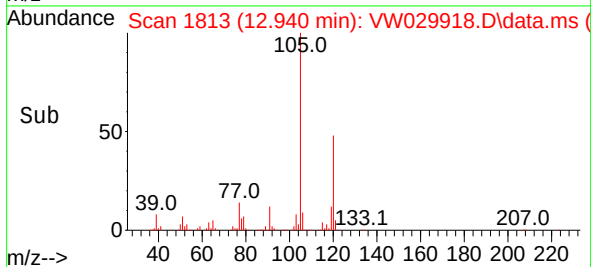
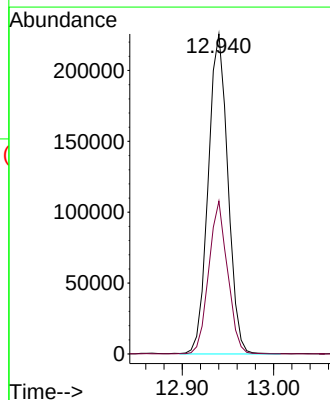
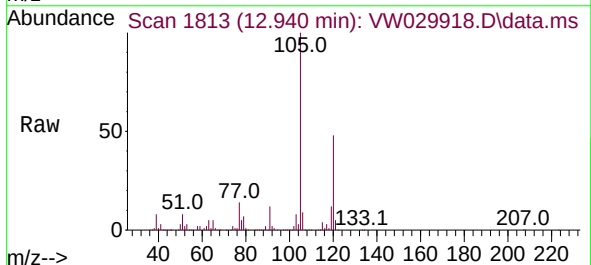
RT: 12.940 min Scan# 1813

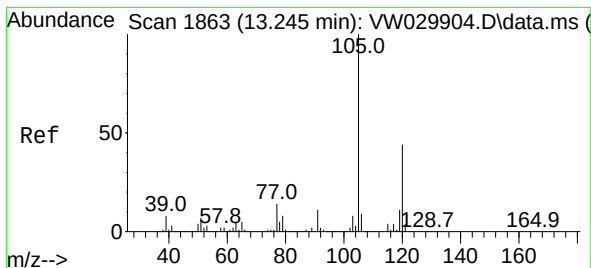
Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Tgt Ion: 105	Resp: 336504
Ion Ratio	Lower Upper
105	100
120	45.8 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 26.338 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

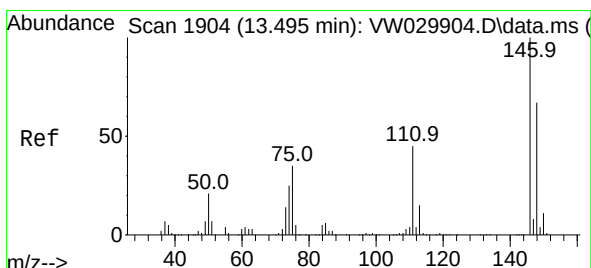
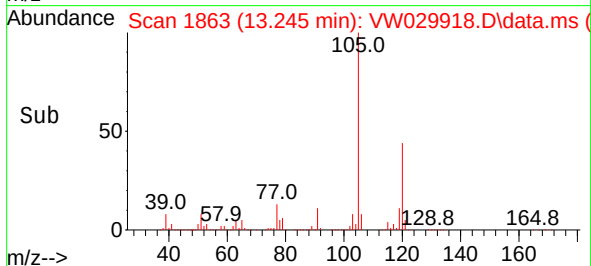
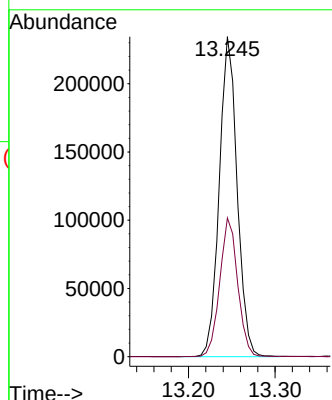
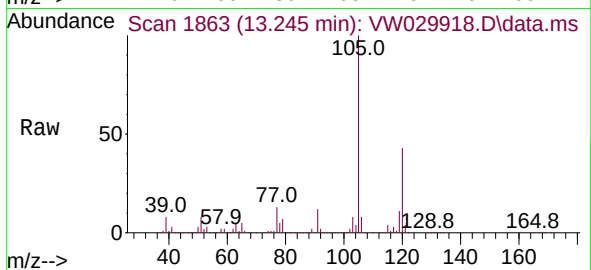
ClientSampleId :

Tgt Ion:105 Resp: 336222

Ion Ratio Lower Upper

105 100

120 43.2 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 25.574 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

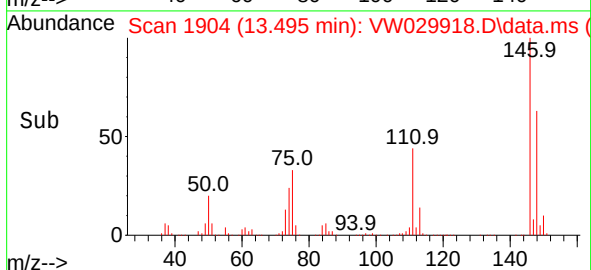
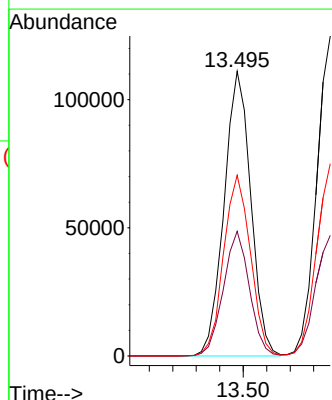
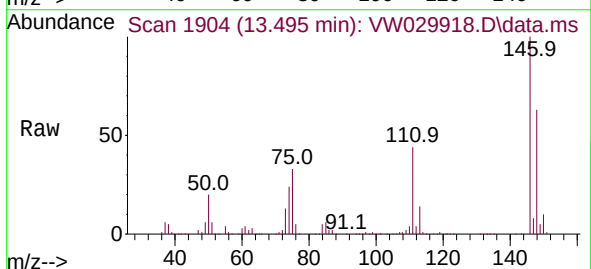
Tgt Ion:146 Resp: 175224

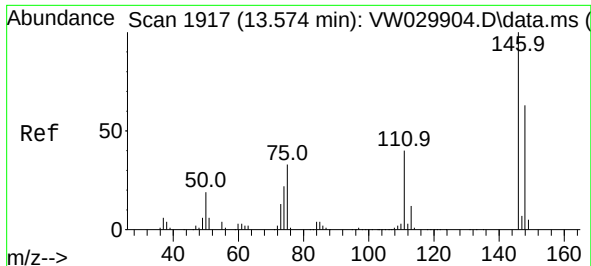
Ion Ratio Lower Upper

146 100

111 43.8 28.7 53.3

148 63.5 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 26.910 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

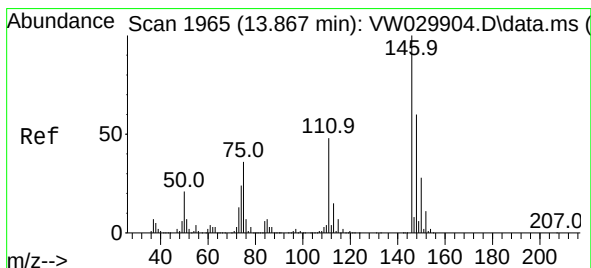
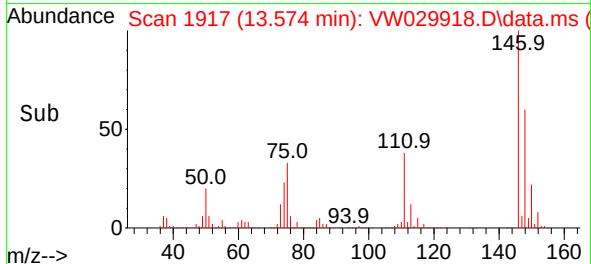
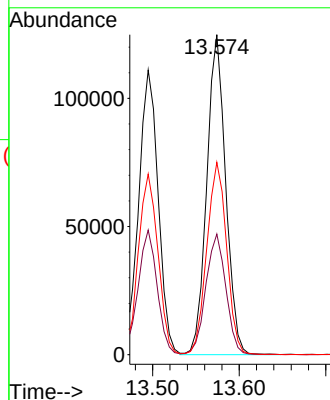
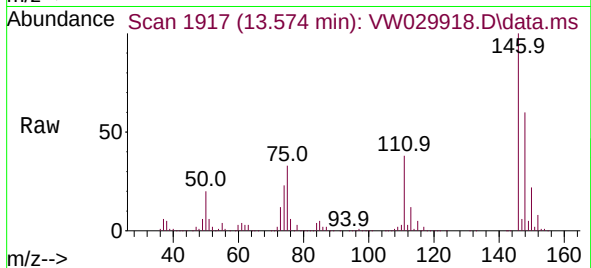
Tgt Ion:146 Resp: 189391

Ion Ratio Lower Upper

146 100

111 37.7 30.1 55.9

148 60.1 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 26.095 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

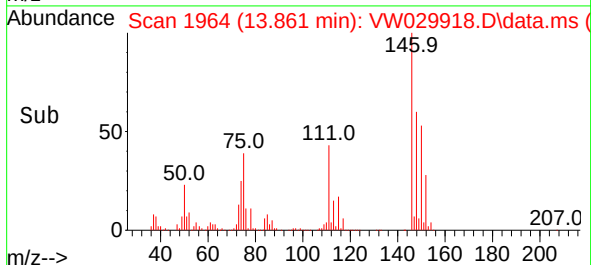
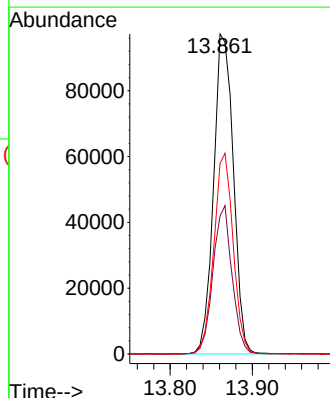
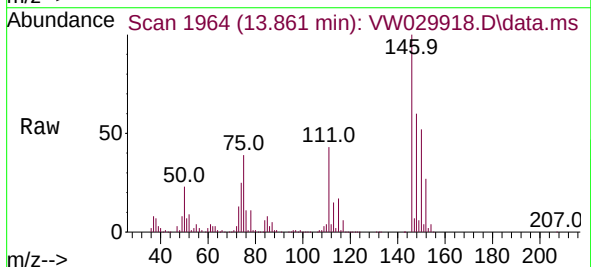
Tgt Ion:146 Resp: 162781

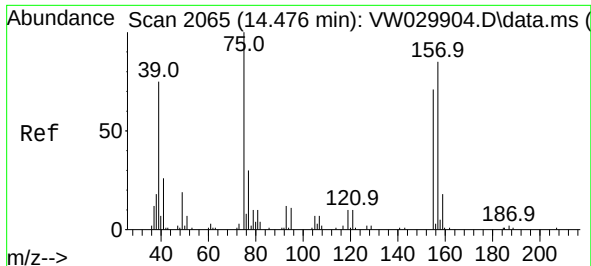
Ion Ratio Lower Upper

146 100

111 43.1 35.8 53.8

148 59.6 52.6 78.8





#68

1,2-Dibromo-3-chloropropane

Concen: 20.851 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029918.D

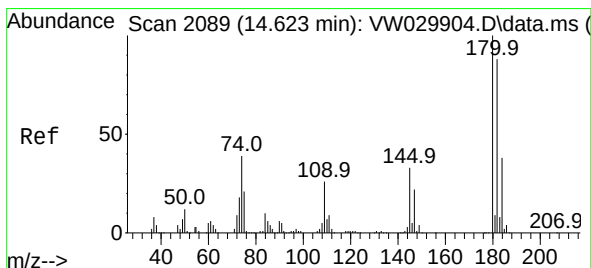
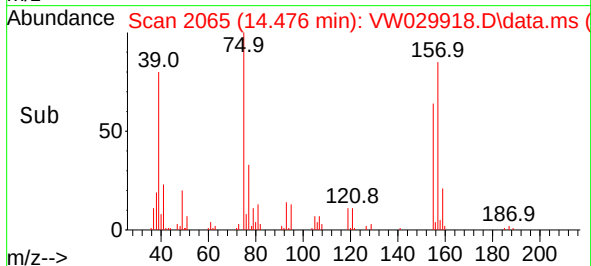
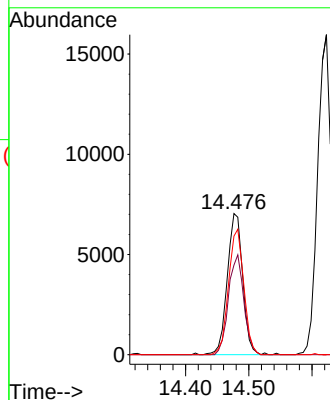
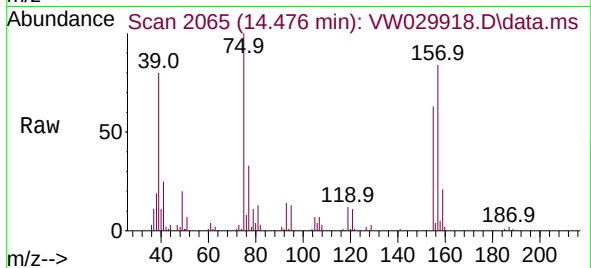
Acq: 16 Aug 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	11950
Ion Ratio	Lower	Upper
75	100	
155	63.5	47.8 71.6
157	84.0	63.7 95.5



#69

1,3,5-Trichlorobenzene

Concen: 25.206 ug/L

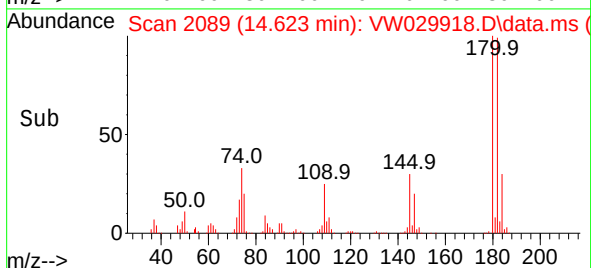
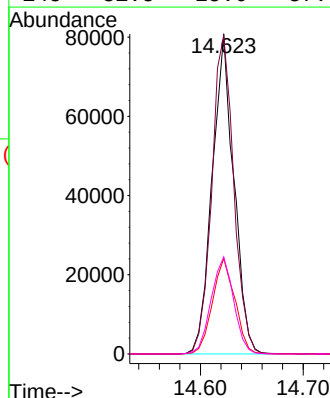
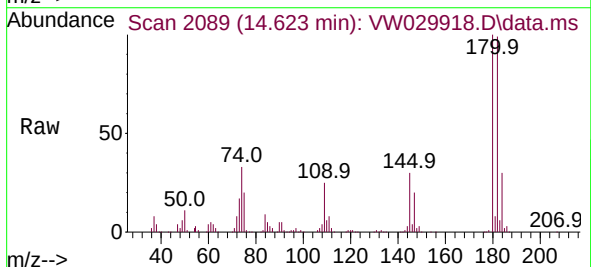
RT: 14.623 min Scan# 2089

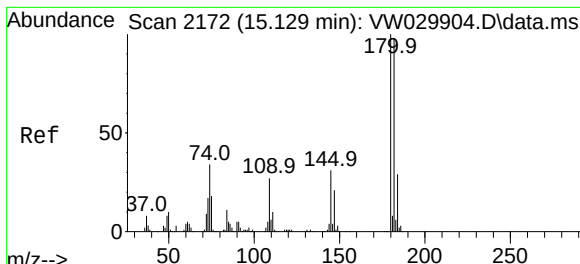
Delta R.T. 0.000 min

Lab File: VW029918.D

Acq: 16 Aug 2024 08:33

Tgt Ion: 180	Resp:	118161
Ion Ratio	Lower	Upper
180	100	
182	101.0	72.7 109.1
184	30.9	23.3 34.9
145	31.5	25.0 37.4

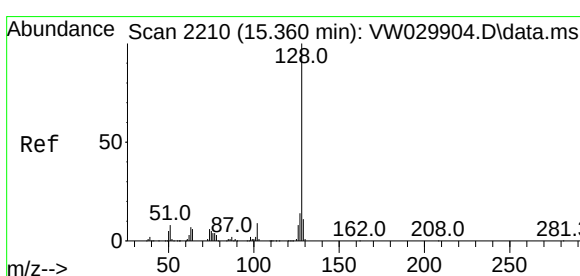
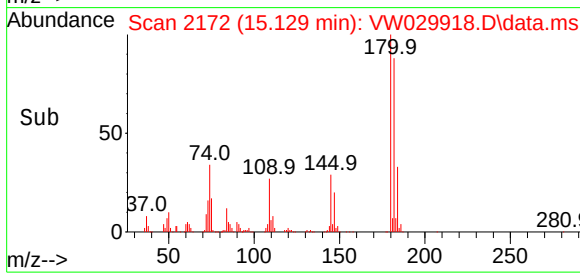
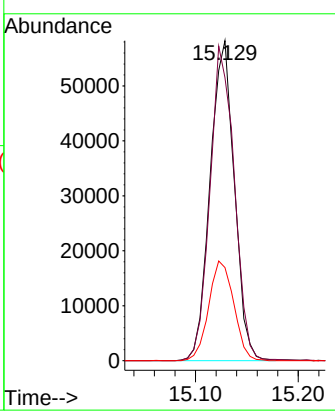
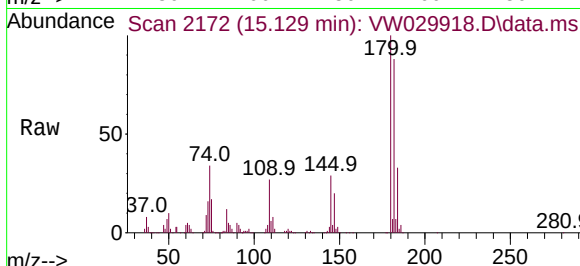




#70
 1,2,4-trichlorobenzene
 Concen: 24.100 ug/L
 RT: 15.129 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

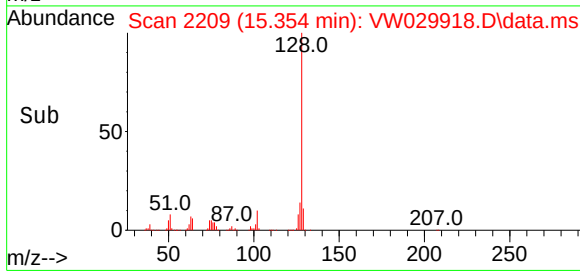
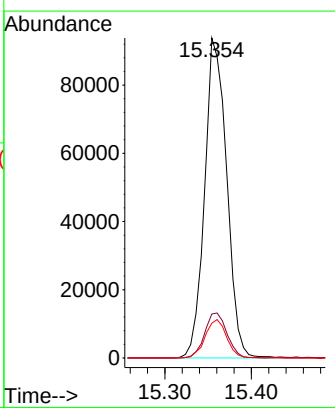
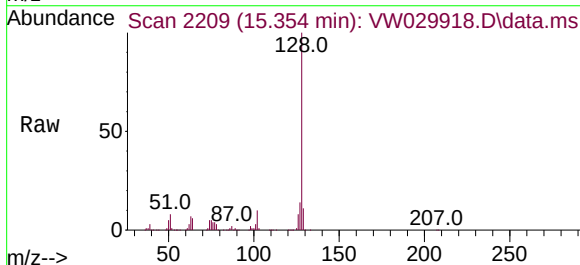
Instrument :
 MSVOA_W
 ClientSampleId :

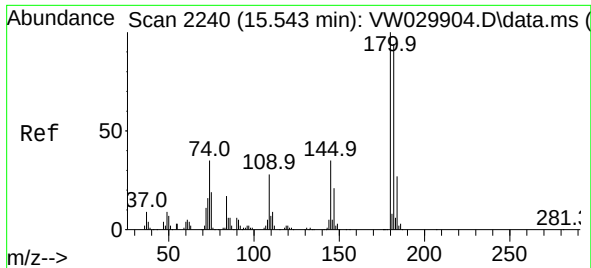
Tgt Ion:	180	Resp:	95179
Ion Ratio	Lower	Upper	
180	100		
182	99.3	80.2	120.4
145	32.3	26.3	39.5



#71
 Naphthalene
 Concen: 22.019 ug/L
 RT: 15.354 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

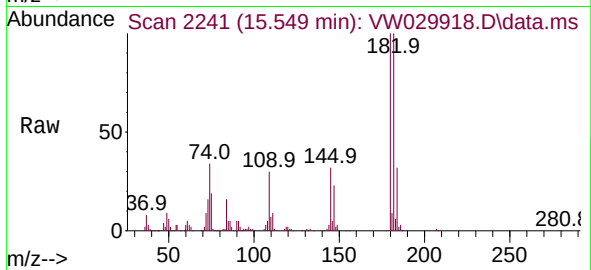
Tgt Ion:	128	Resp:	165930
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.7	16.1
129	11.7	8.9	13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 24.280 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029918.D
 Acq: 16 Aug 2024 08:33

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	86789
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.0	111.0
145	34.2	27.5	41.3

