

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010074.D
 Acq On : 17 Aug 2022 17:25
 Operator : KP/MD
 Sample : N4217-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0815

Quant Time: Aug 18 08:21:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

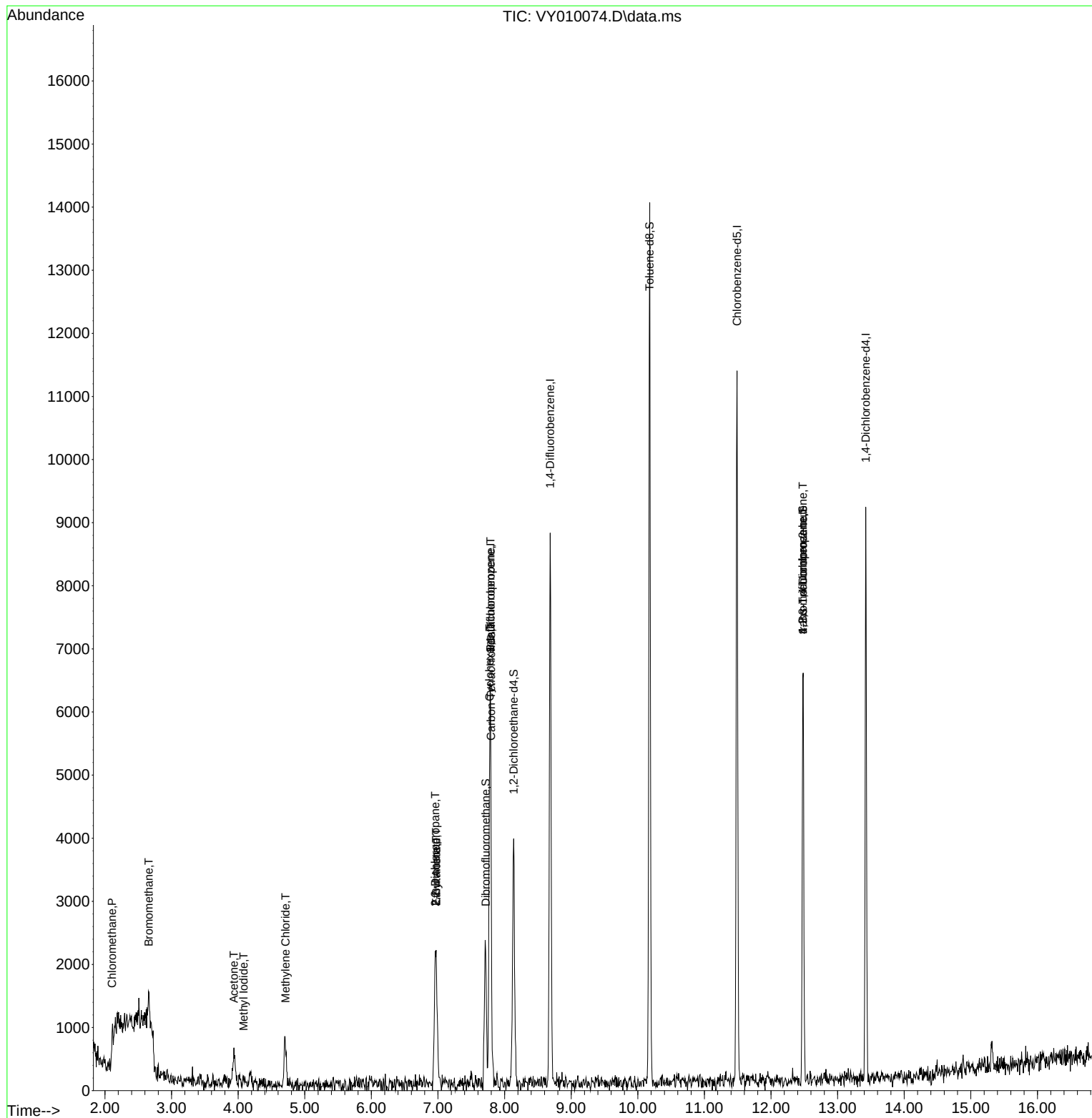
Internal Standards						
1) Pentafluorobenzene	7.789	168	5576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2738	49.110	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.220%		
35) Dibromofluoromethane	7.716	113	1701	33.854	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	67.700%		
50) Toluene-d8	10.179	98	8783	47.247	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.500%		
62) 4-Bromofluorobenzene	12.477	95	2213	33.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	67.780%		
Target Compounds						Qvalue
3) Chloromethane	2.107	50	116	1.855	ug/l #	43
5) Bromomethane	2.656	94	192	2.966	ug/l #	74
10) Methyl Iodide	4.082	142	128	2.165	ug/l #	38
16) Acetone	3.936	43	722	60.461	ug/l #	68
20) Methylene Chloride	4.710	84	532	6.712	ug/l #	74
25) 2-Butanone	6.972	43	121	7.407	ug/l #	48
26) 2,2-Dichloropropane	6.960	77	91	1.032	ug/l #	53
31) Cyclohexane	7.777	56	81	1.028	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	343	4.900	ug/l #	41
37) Ethyl Acetate	6.972	43	121	3.433	ug/l #	71
38) Carbon Tetrachloride	7.795	117	522	6.064	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	1061	46.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1061	105.750	ug/l #	12

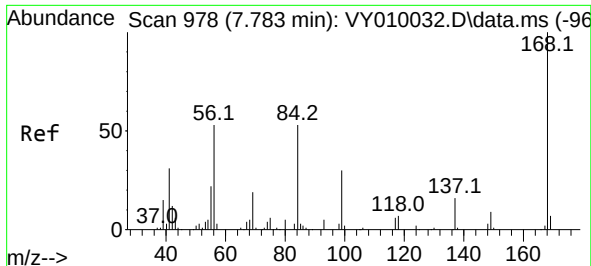
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP2-0815

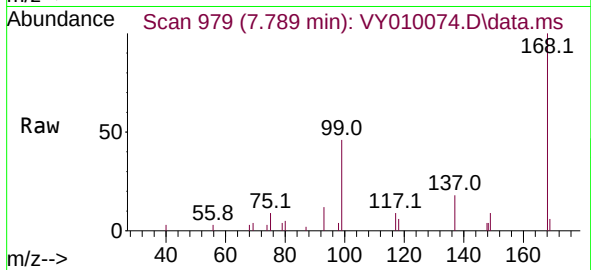
Quant Time: Aug 18 08:21:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
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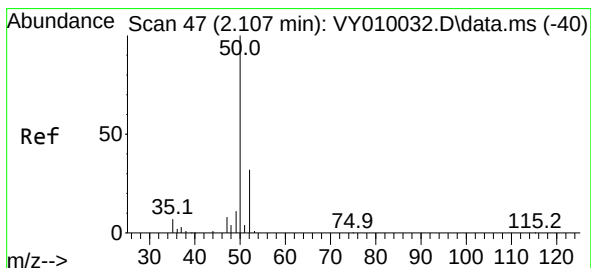
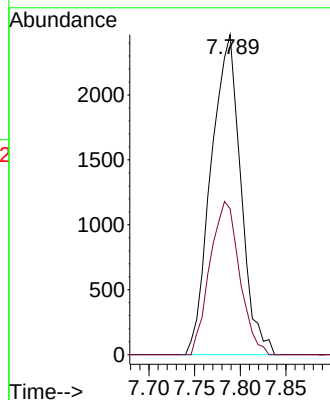
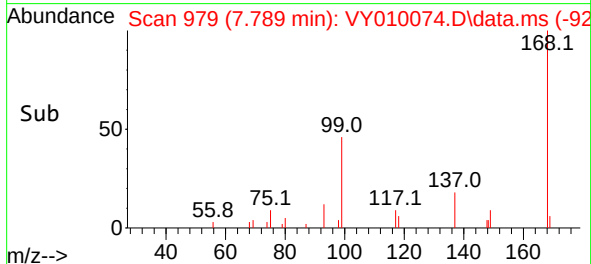


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Instrument :
MSVOA_Y
ClientSampleId :
TP2-0815

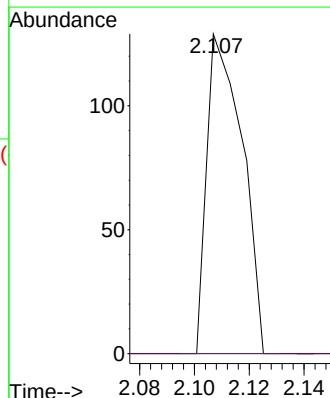
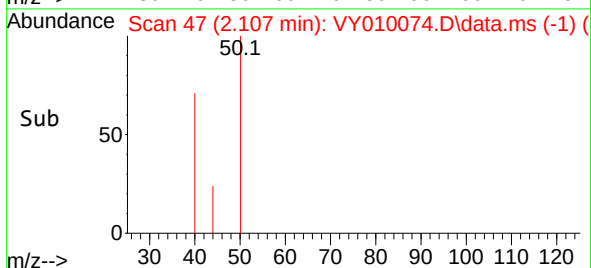
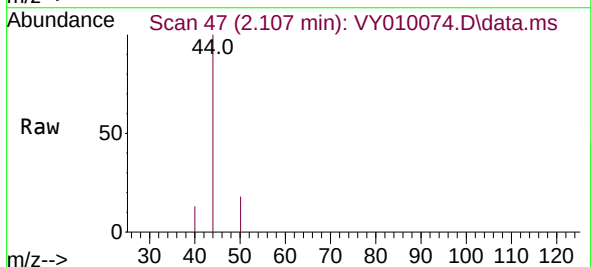


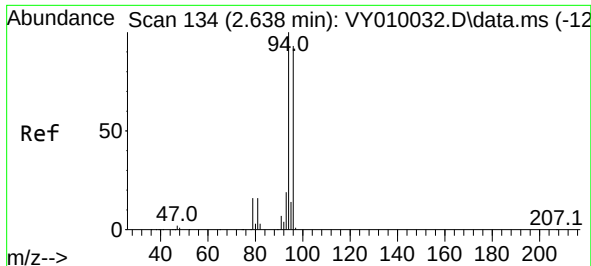
Tgt Ion:168 Resp: 5576
Ion Ratio Lower Upper
168 100
99 45.6 37.7 56.5



#3
Chloromethane
Concen: 1.855 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

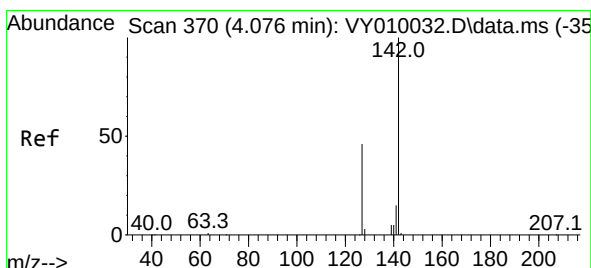
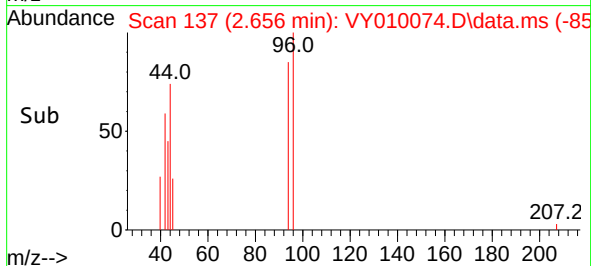
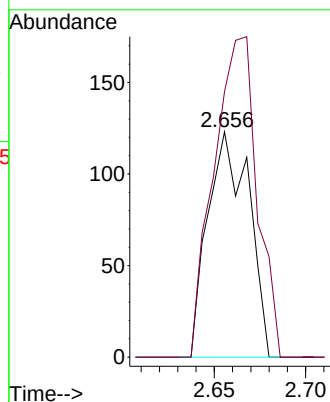
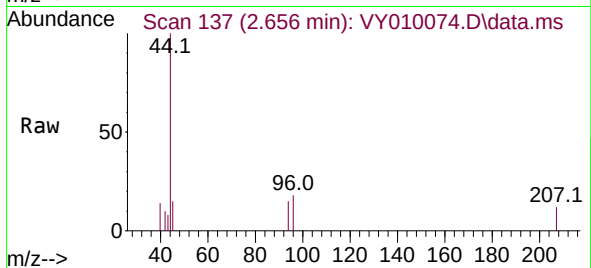




#5
Bromomethane
Concen: 2.966 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

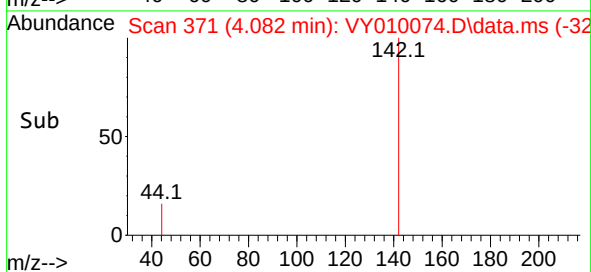
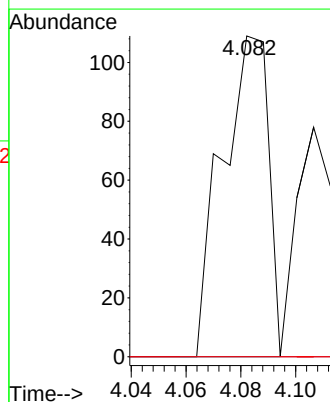
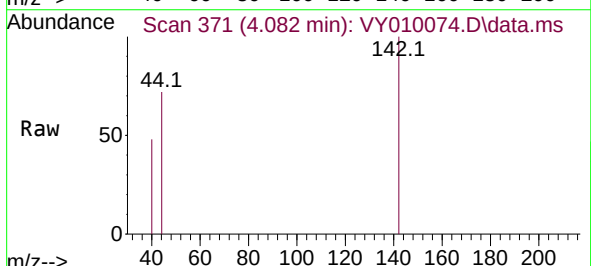
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0815

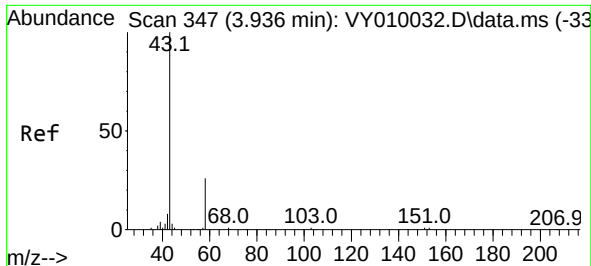
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 117.9 74.2 111.2#



#10
Methyl Iodide
Concen: 2.165 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.6 17.4#





#16

Acetone

Concen: 60.461 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY010074.D

Acq: 17 Aug 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

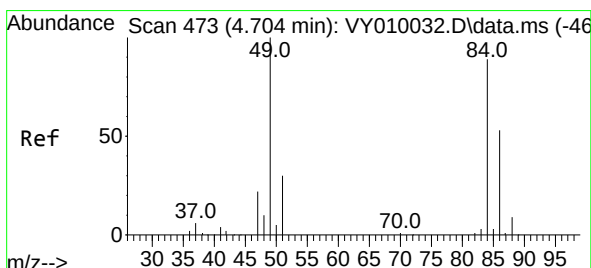
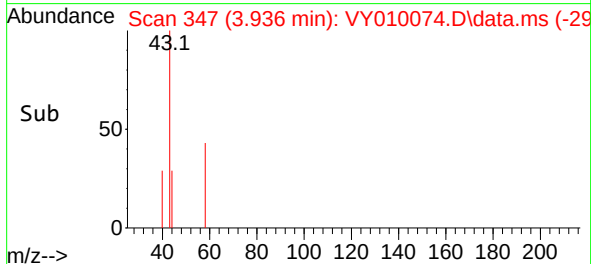
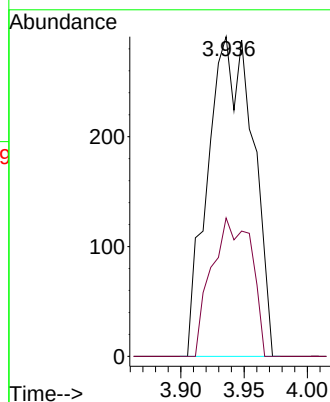
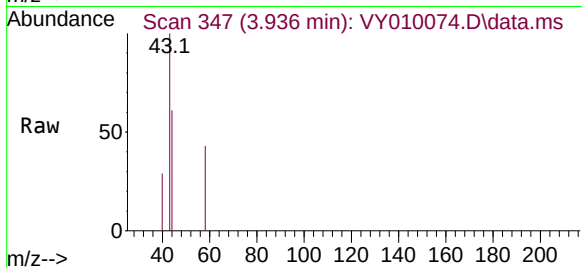
TP2-0815

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

58 43.3 21.4 32.0#



#20

Methylene Chloride

Concen: 6.712 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY010074.D

Acq: 17 Aug 2022 17:25

Tgt Ion: 84 Resp: 532

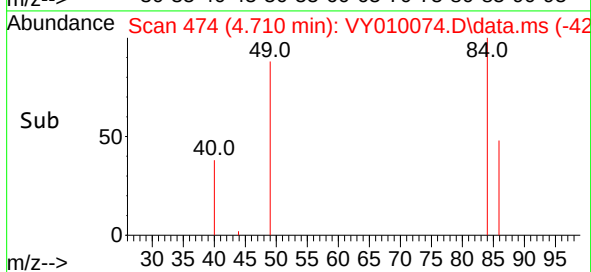
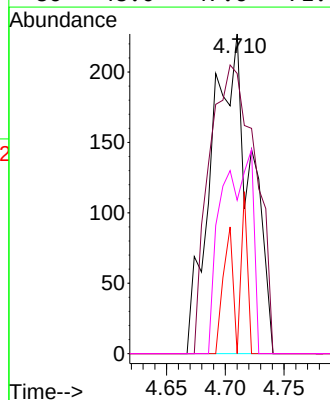
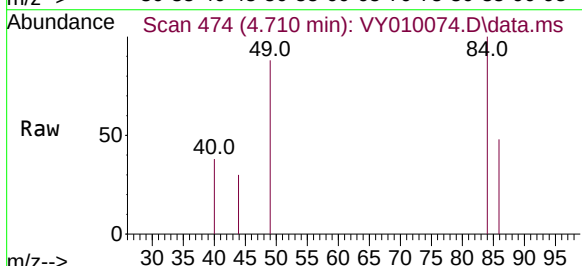
Ion Ratio Lower Upper

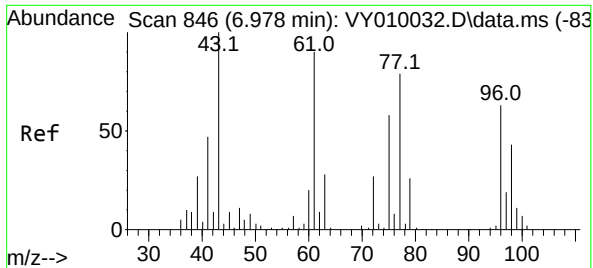
84 100

49 87.7 89.5 134.3#

51 0.0 26.8 40.2#

86 48.0 47.6 71.4





#25

2-Butanone

Concen: 7.407 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY010074.D

Acq: 17 Aug 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

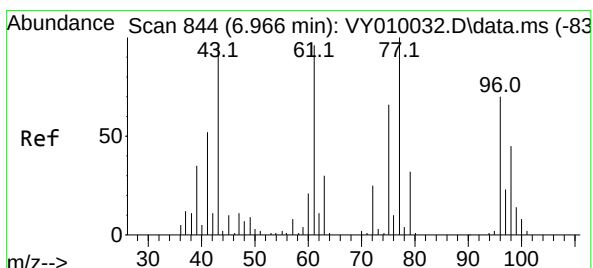
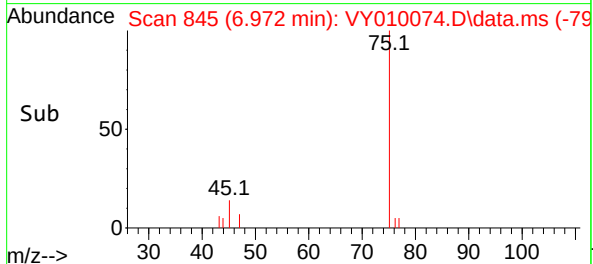
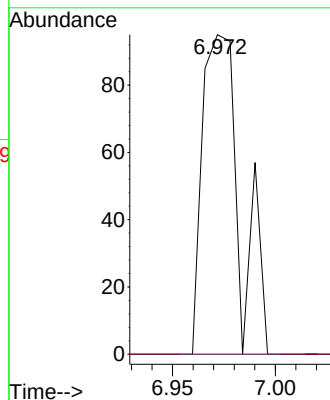
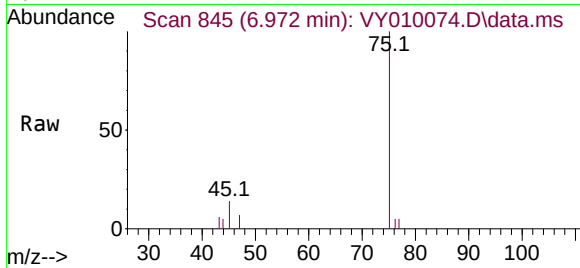
TP2-0815

Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.032 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.006 min

Lab File: VY010074.D

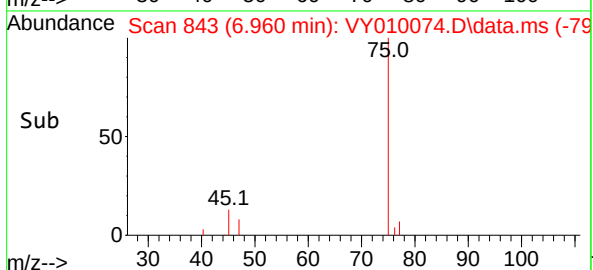
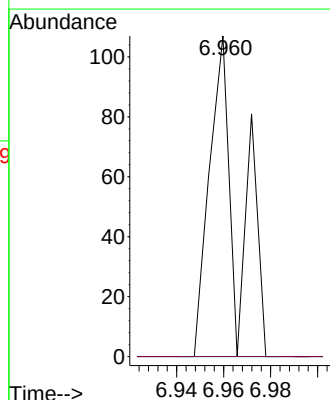
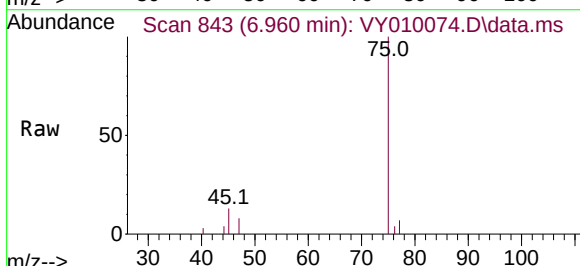
Acq: 17 Aug 2022 17:25

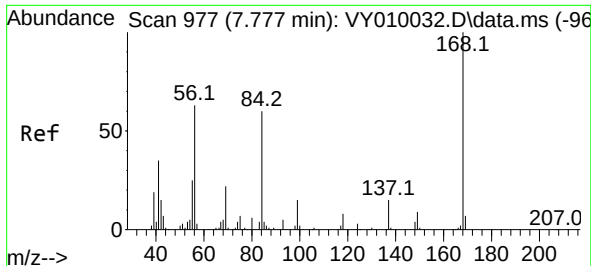
Tgt Ion: 77 Resp: 91

Ion Ratio Lower Upper

77 100

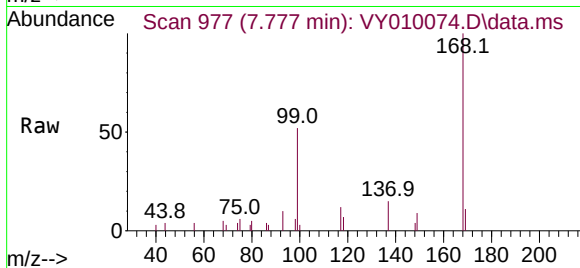
97 0.0 11.2 33.6#



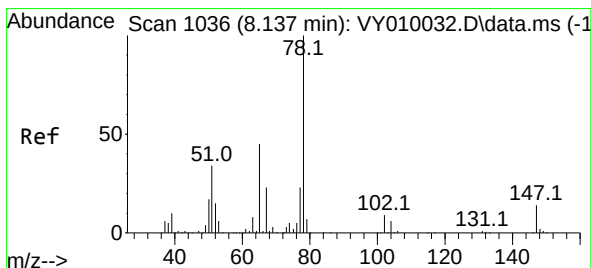
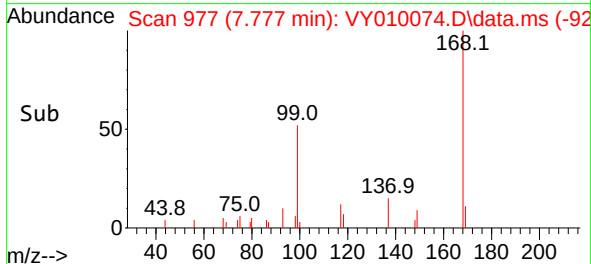
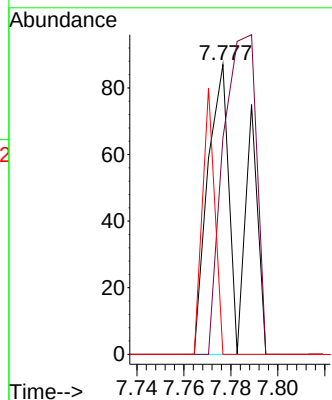


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Instrument :
MSVOA_Y
ClientSampleId :
TP2-0815

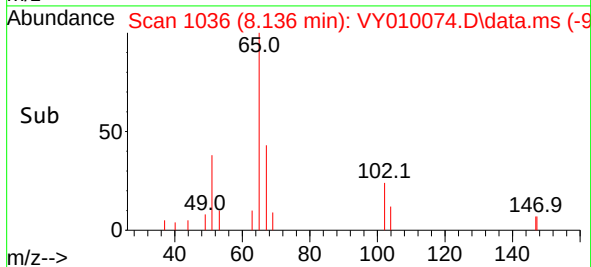
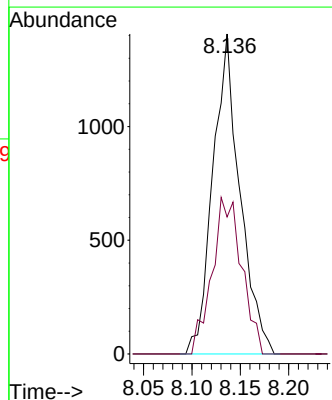
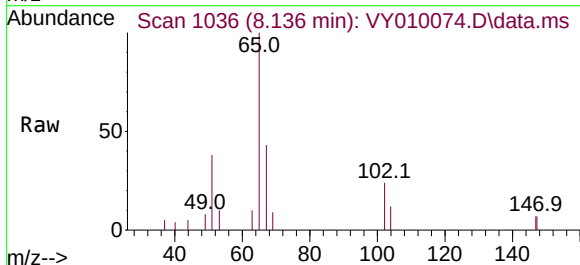


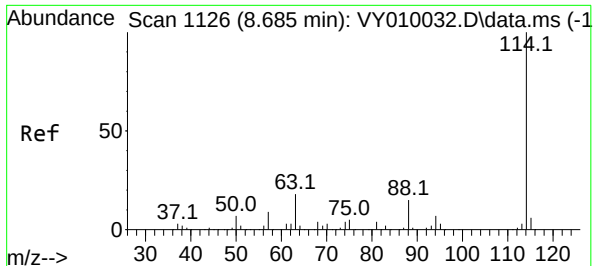
Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
69 74.7 28.6 43.0#
84 0.0 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 49.110 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Tgt Ion: 65 Resp: 2738
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010074.D

Acq: 17 Aug 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0815

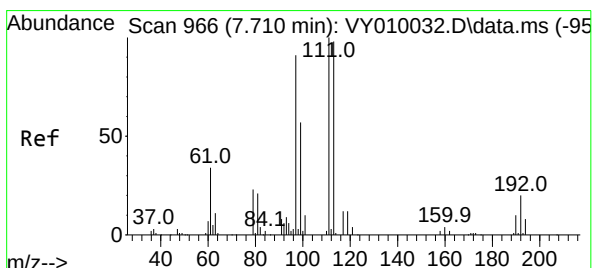
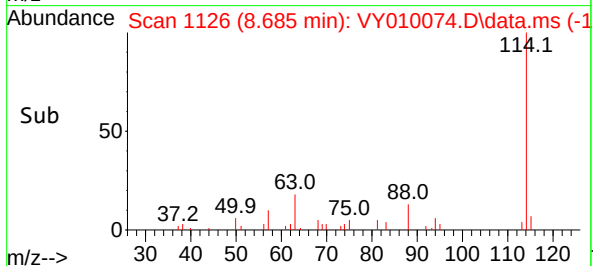
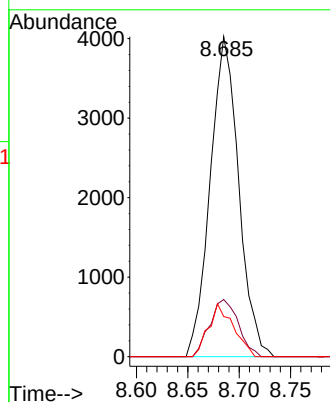
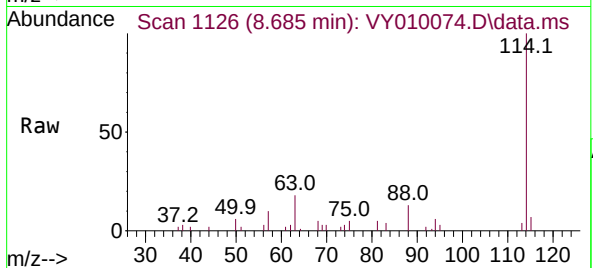
Tgt Ion:114 Resp: 7748

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

88 12.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 33.854 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010074.D

Acq: 17 Aug 2022 17:25

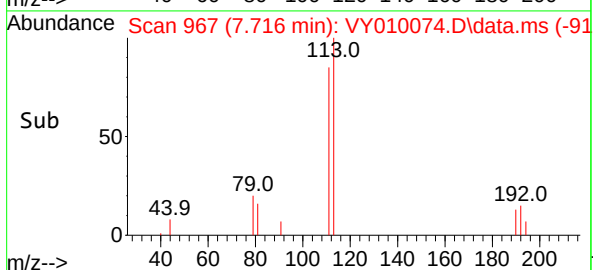
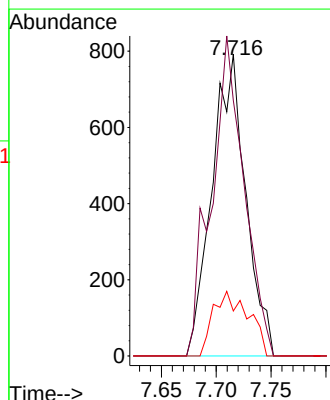
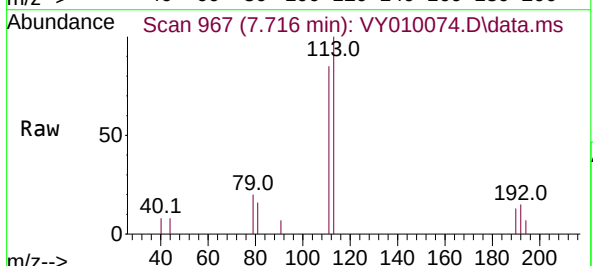
Tgt Ion:113 Resp: 1701

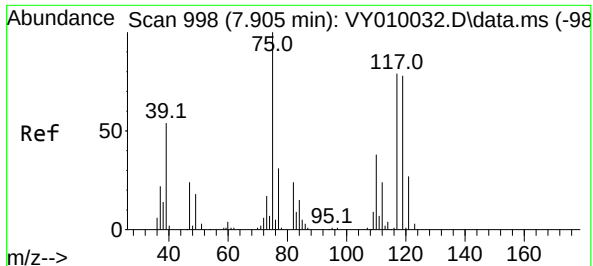
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 22.2 17.2 25.8

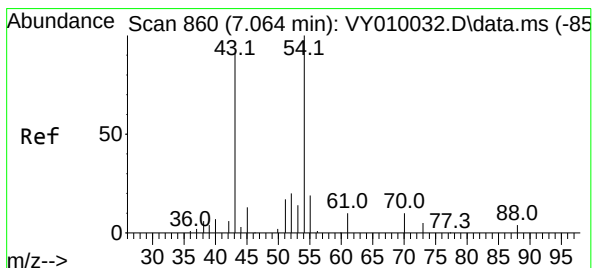
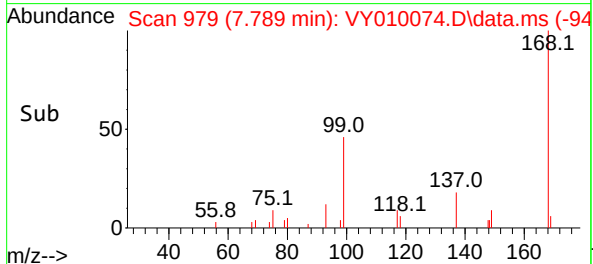
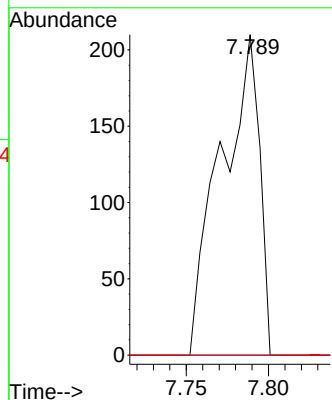
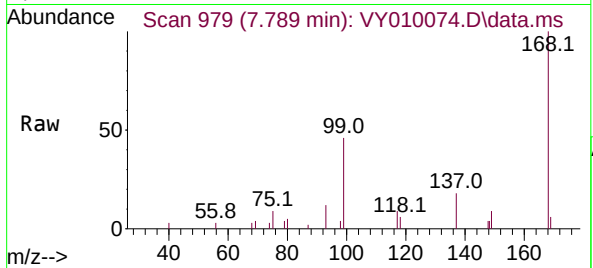




#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

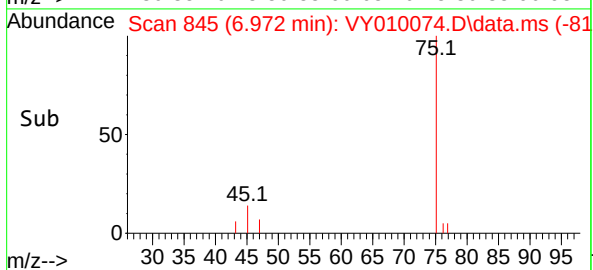
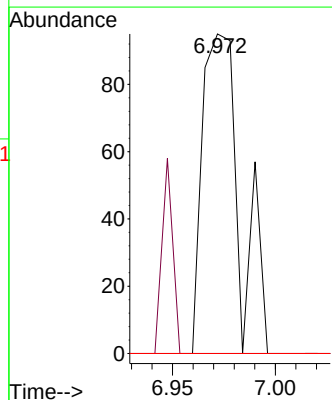
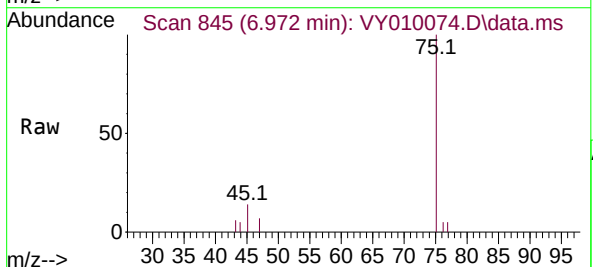
Instrument :
MSVOA_Y
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TP2-0815

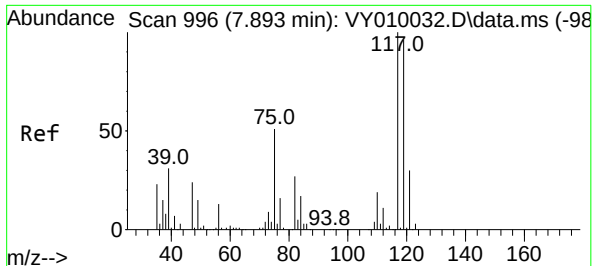
Tgt Ion: 75 Resp: 343
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 3.433 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.092 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
61 0.0 9.6 14.4#
70 0.0 7.9 11.9#

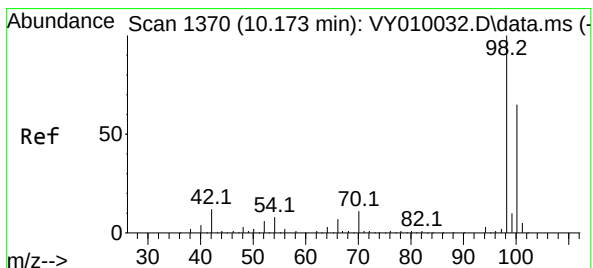
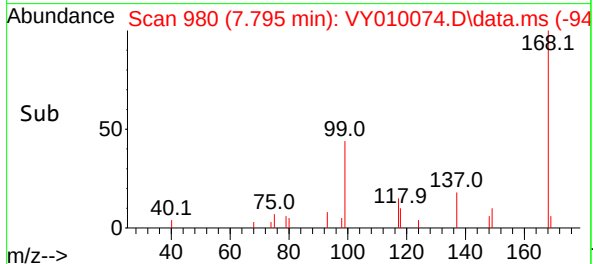
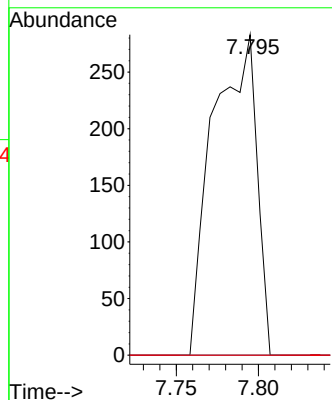
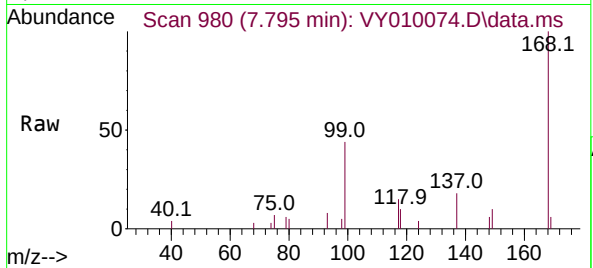




#38
Carbon Tetrachloride
Concen: 6.064 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

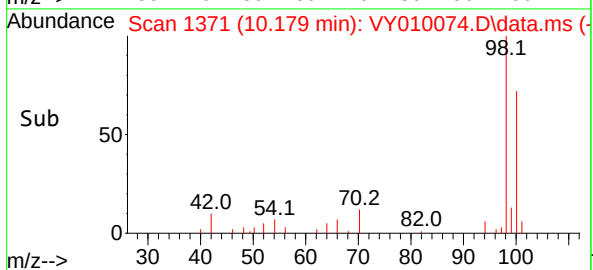
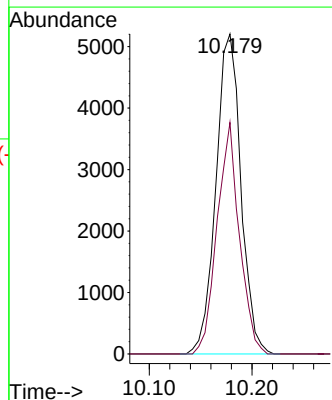
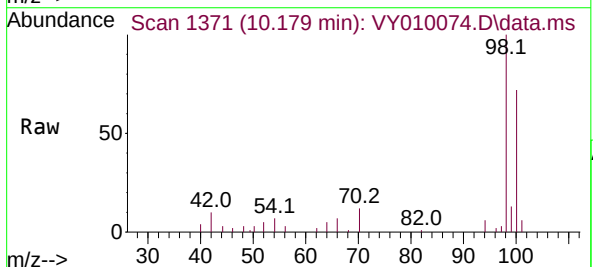
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0815

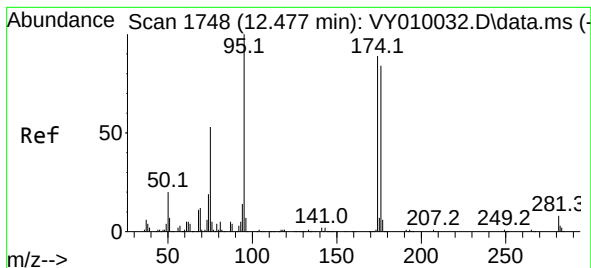
Tgt Ion:117 Resp: 522
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.247 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Tgt Ion: 98 Resp: 8783
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

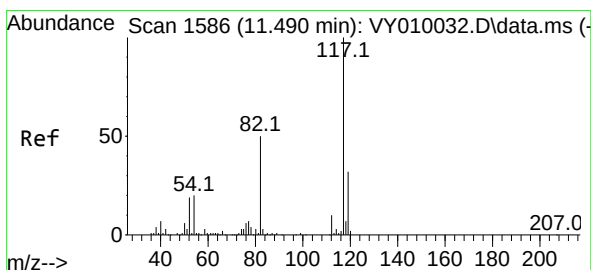
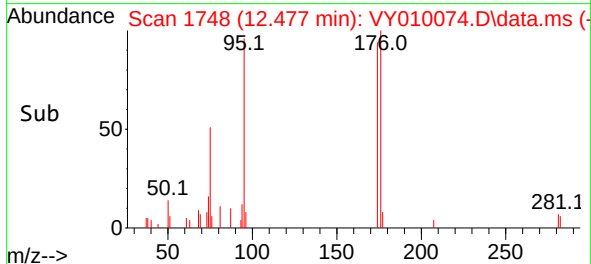
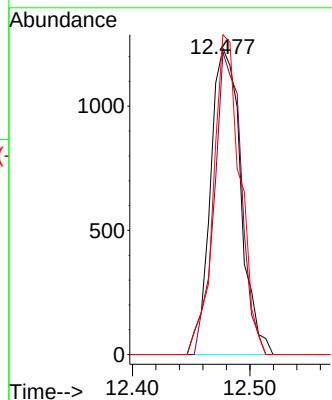
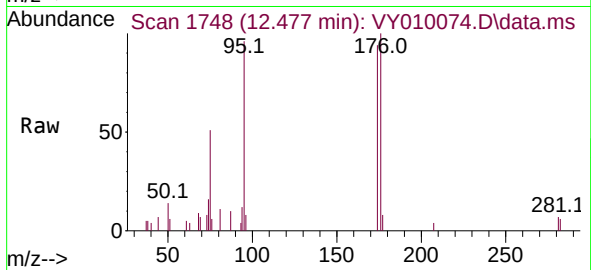




#62
4-Bromofluorobenzene
Concen: 33.893 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

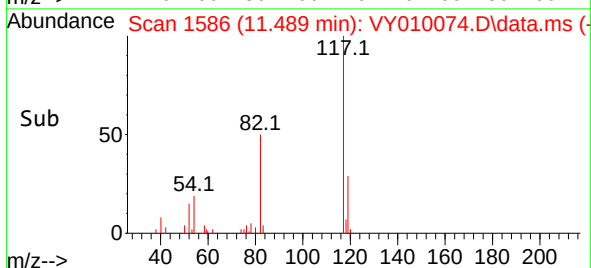
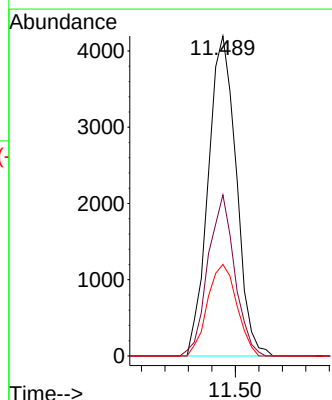
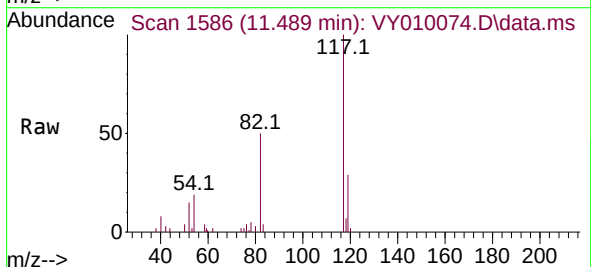
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0815

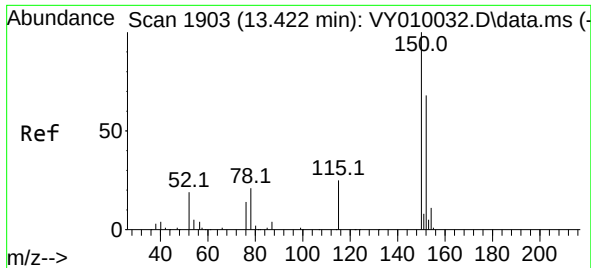
Tgt Ion: 95 Resp: 2213
Ion Ratio Lower Upper
95 100
174 87.8 0.0 184.2
176 92.8 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010074.D
Acq: 17 Aug 2022 17:25

Tgt Ion: 117 Resp: 6956
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 28.6 25.6 38.4

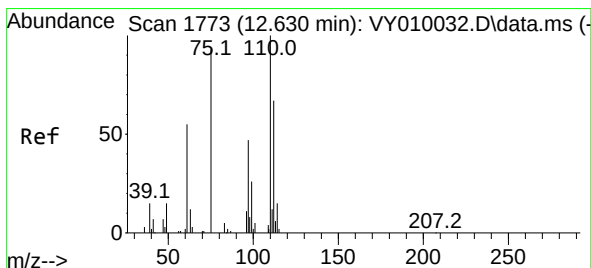
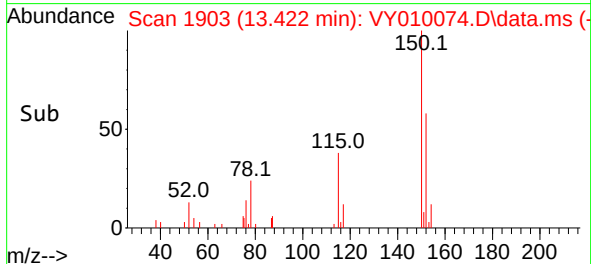
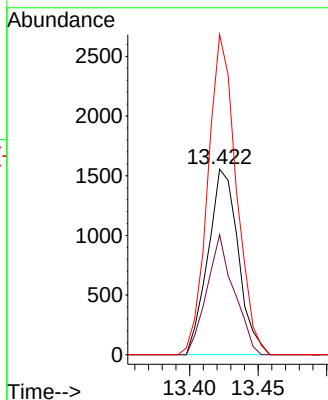
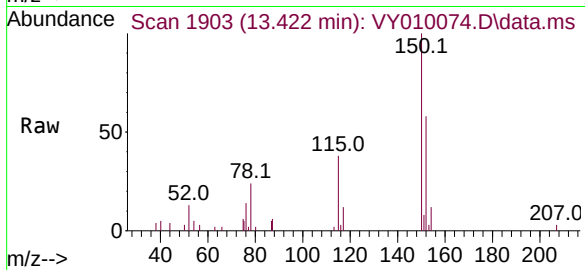




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010074.D
 Acq: 17 Aug 2022 17:25

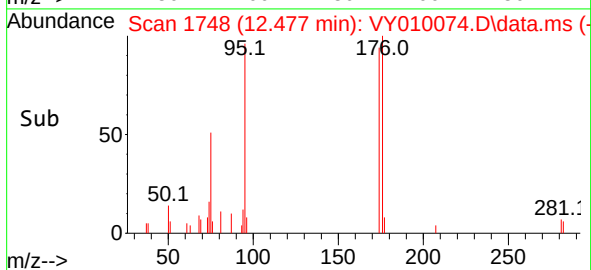
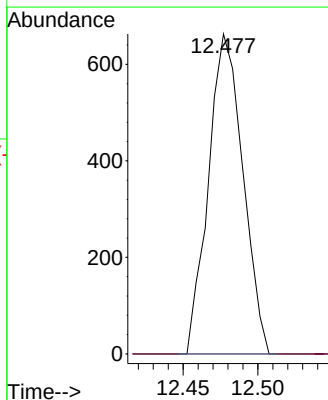
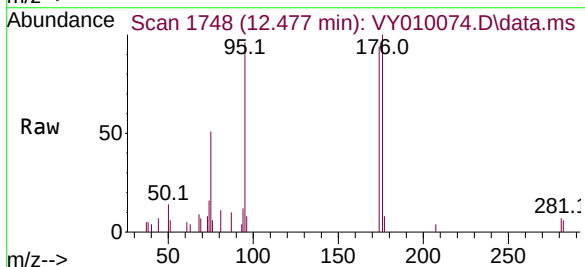
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0815

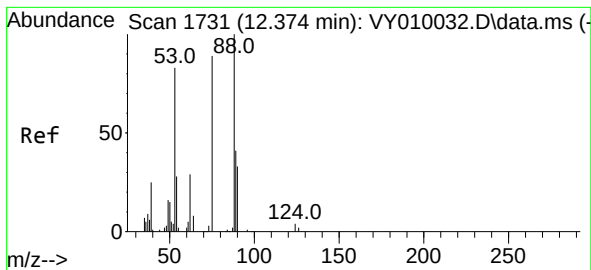
Tgt Ion:152 Resp: 2392
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.1 84.3
 150 162.2 0.0 346.6



#76
 1,2,3-Trichloropropane
 Concen: 46.794 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010074.D
 Acq: 17 Aug 2022 17:25

Tgt Ion: 75 Resp: 1061
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.750 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010074.D
 Acq: 17 Aug 2022 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0815

Tgt Ion: 75 Resp: 1061
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 37.8 56.6#

