

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010181.D
 Acq On : 23 Aug 2022 21:29
 Operator : KP/MD
 Sample : N4188-19RE
 Misc : 11.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S7

Quant Time: Aug 24 04:35:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

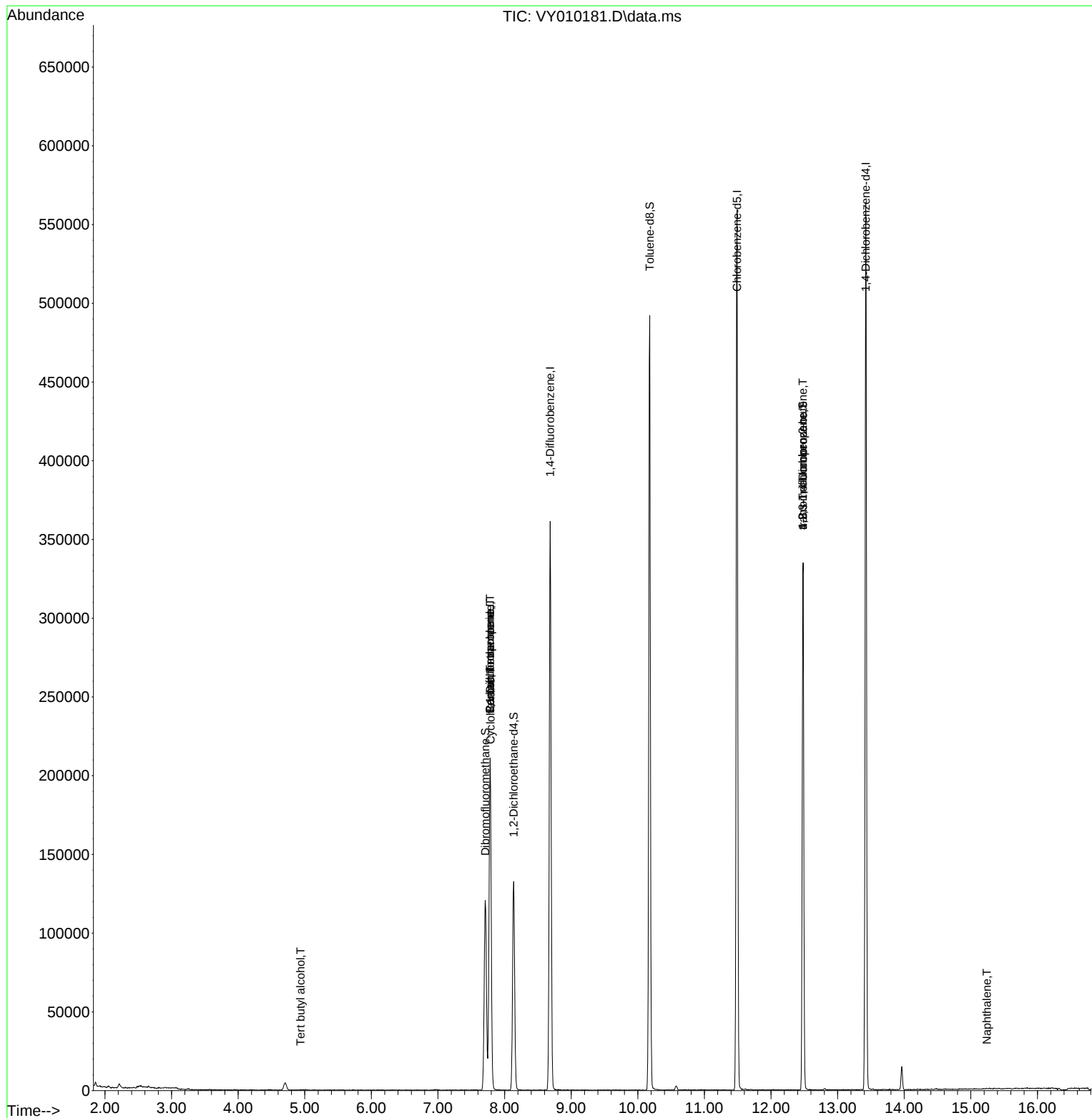
Internal Standards						
1) Pentafluorobenzene	7.783	168	166764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97456	71.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.700%
35) Dibromofluoromethane	7.710	113	86642	49.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.179	98	323218	49.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.477	95	102975	44.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	74	10.955	ug/l #	73
20) Methylene Chloride	4.704	84	3400	Below Cal	#	78
31) Cyclohexane	7.789	56	3224	1.152	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	12807	4.598	ug/l #	48
38) Carbon Tetrachloride	7.783	117	15639	5.353	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	51359	37.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51359	76.189	ug/l #	18
95) Naphthalene	15.239	128	164	3.914	ug/l #	69

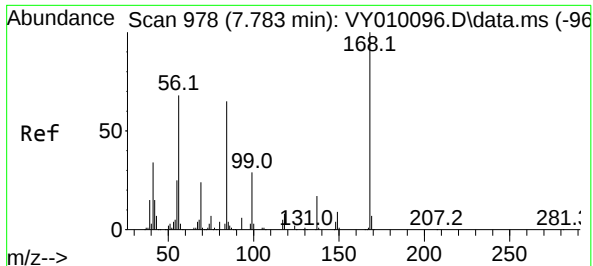
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
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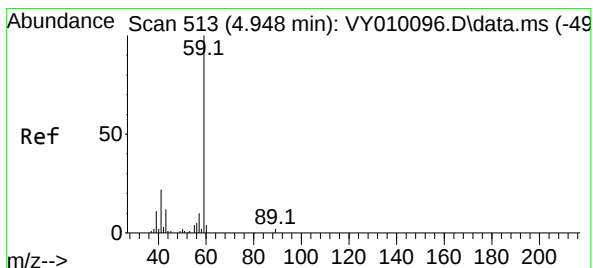
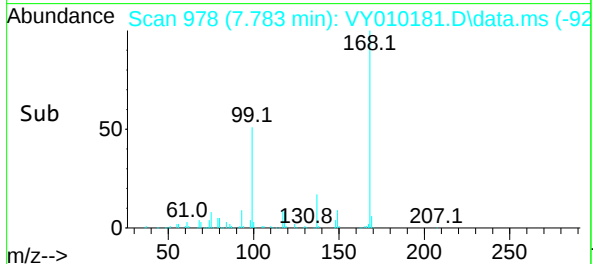
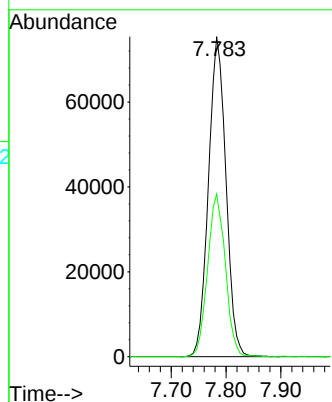
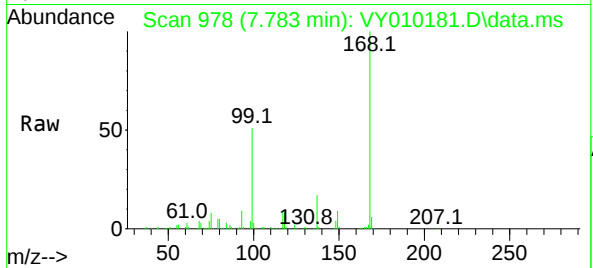




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

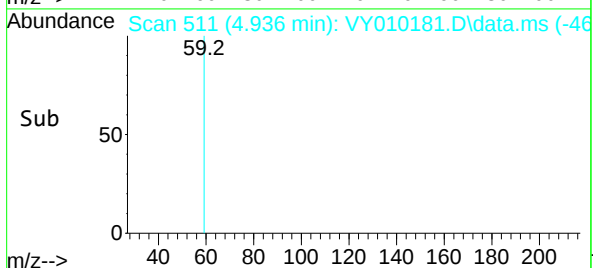
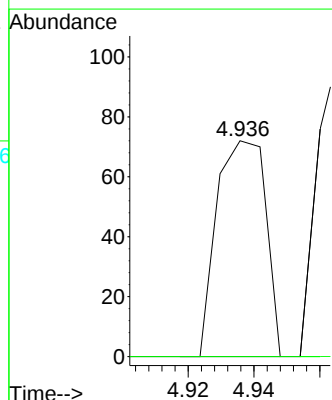
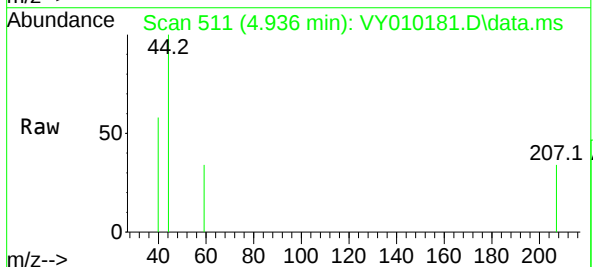
Instrument :
MSVOA_Y
ClientSampleId :
S7

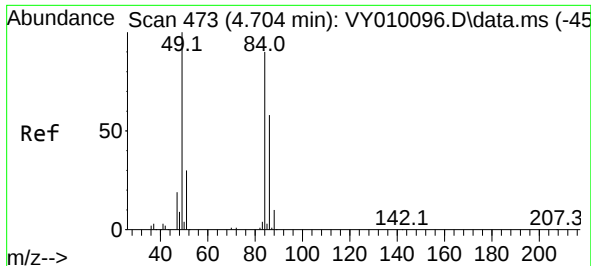
Tgt Ion:168 Resp: 166764
Ion Ratio Lower Upper
168 100
99 50.9 40.7 61.1



#11
Tert butyl alcohol
Concen: 10.955 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

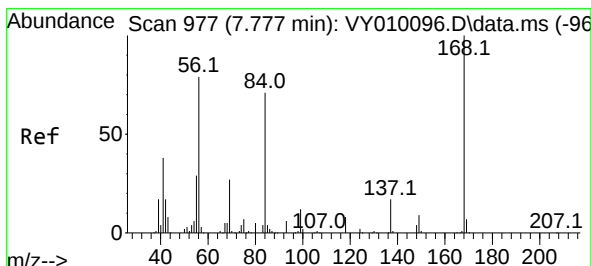
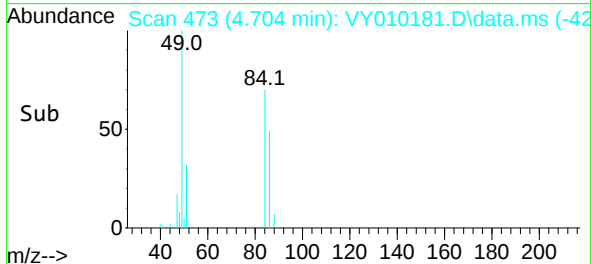
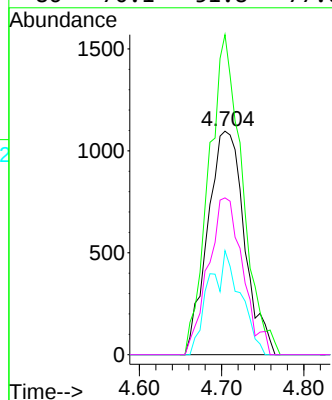
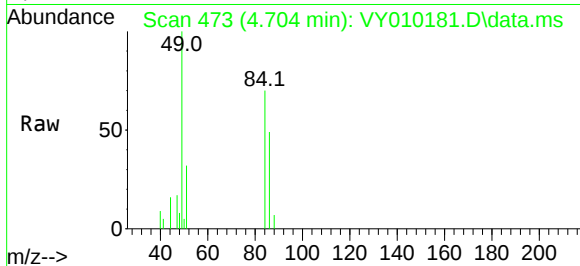




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

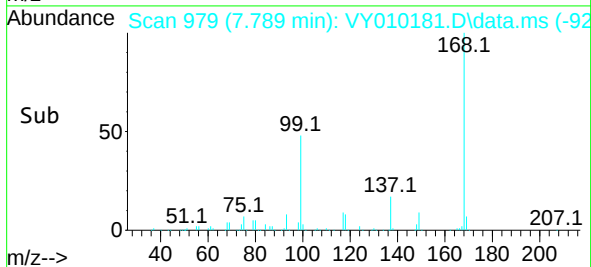
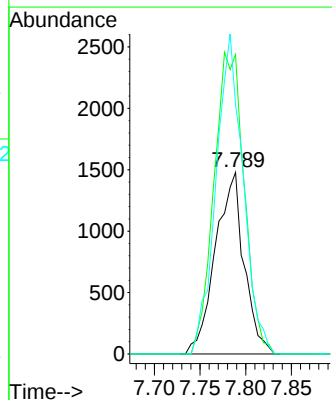
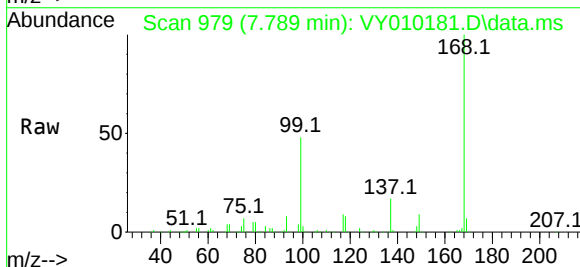
Instrument :
MSVOA_Y
ClientSampleId :
S7

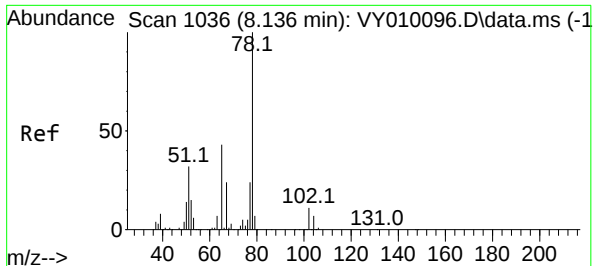
Tgt Ion:	84	Resp:	3400
Ion	Ratio	Lower	Upper
84	100		
49	143.1	89.0	133.4#
51	46.5	27.0	40.6#
86	70.1	51.8	77.6



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion:	56	Resp:	3224
Ion	Ratio	Lower	Upper
56	100		
69	164.9	27.3	40.9#
84	137.2	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 71.346 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY010181.D

Acq: 23 Aug 2022 21:29

Instrument :

MSVOA_Y

ClientSampleId :

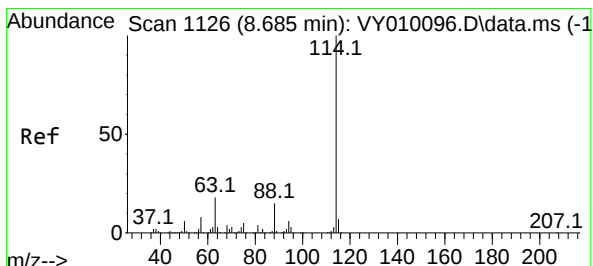
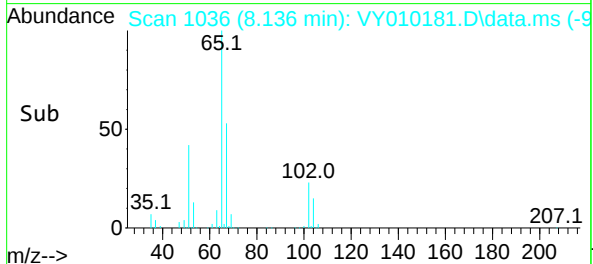
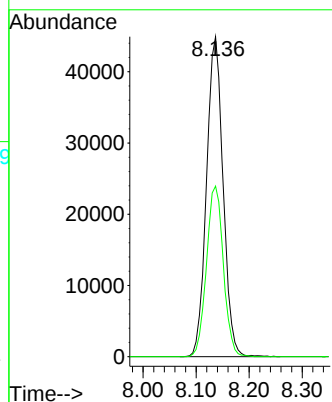
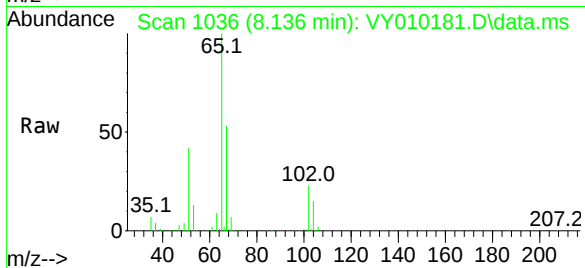
S7

Tgt Ion: 65 Resp: 97456

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010181.D

Acq: 23 Aug 2022 21:29

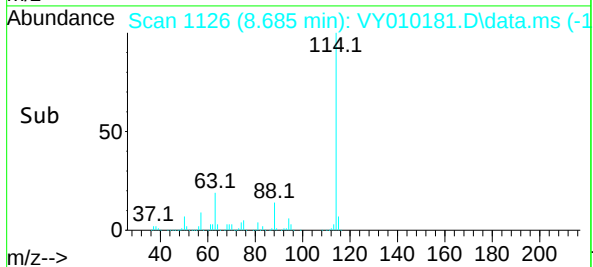
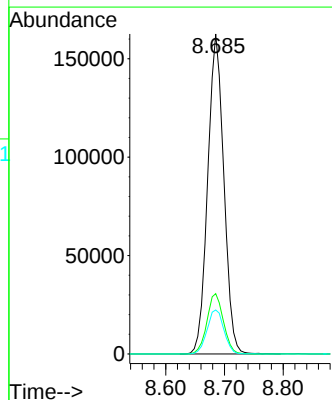
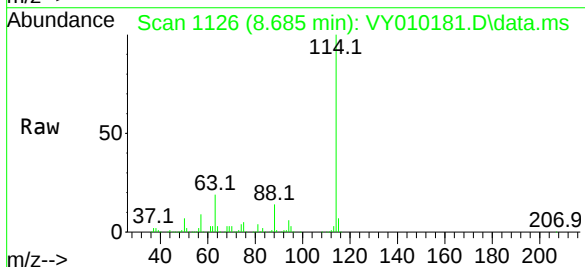
Tgt Ion: 114 Resp: 309709

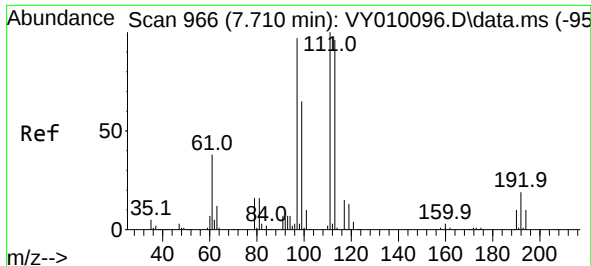
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 13.8 0.0 29.6

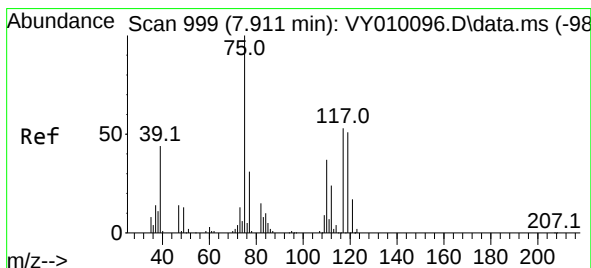
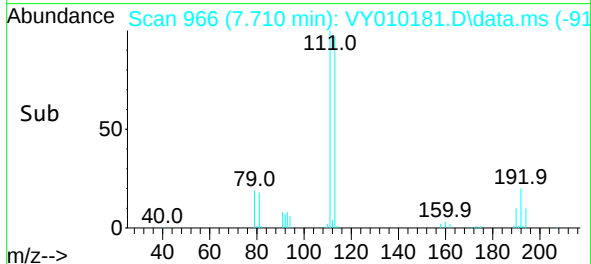
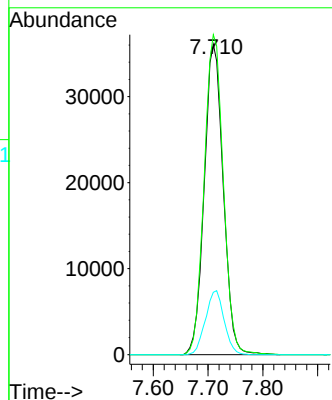
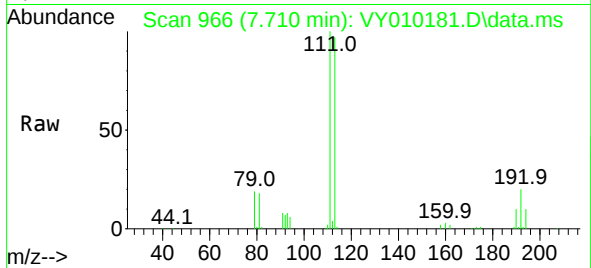




#35
Dibromofluoromethane
Concen: 49.647 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

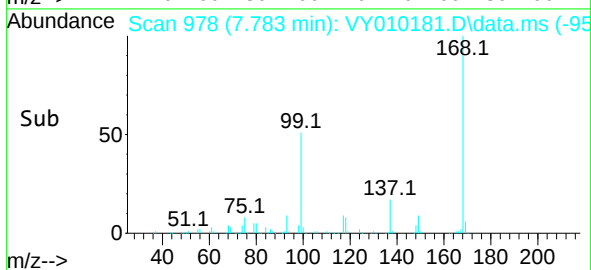
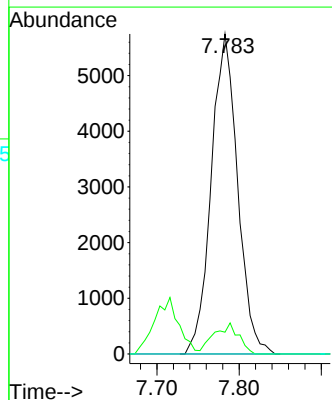
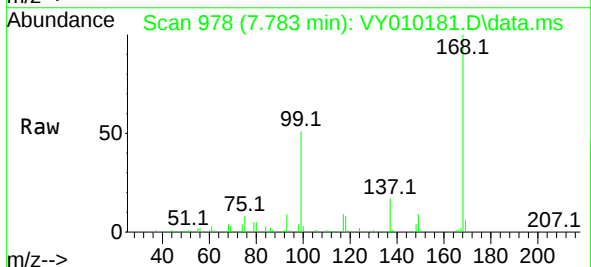
Instrument :
MSVOA_Y
ClientSampleId :
S7

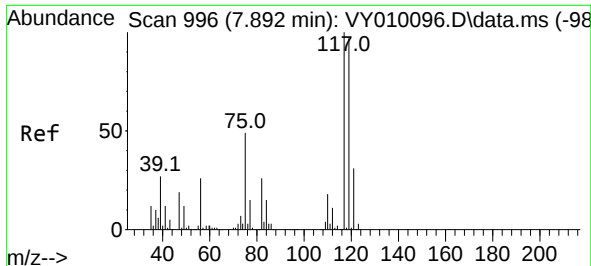
Tgt Ion:113 Resp: 86642
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 20.3 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion: 75 Resp: 12807
Ion Ratio Lower Upper
75 100
110 9.0 18.6 56.0#
77 0.0 24.9 37.3#

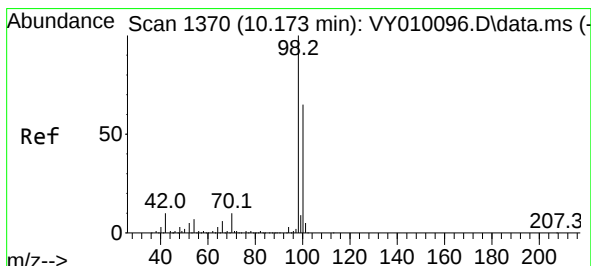
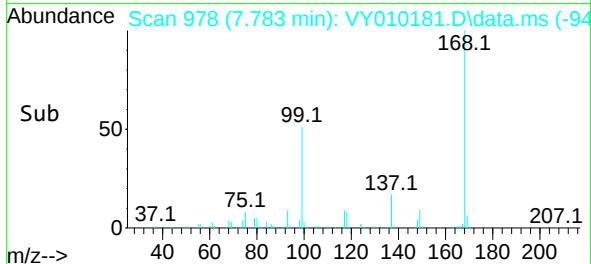
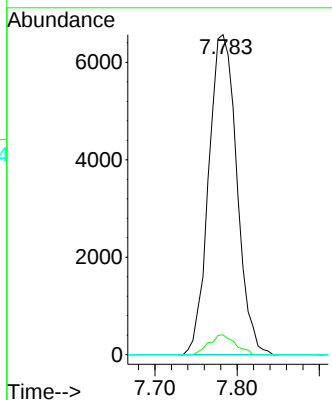
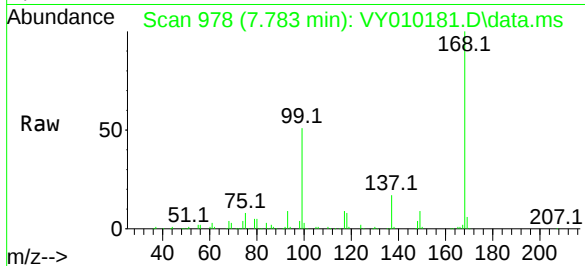




#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

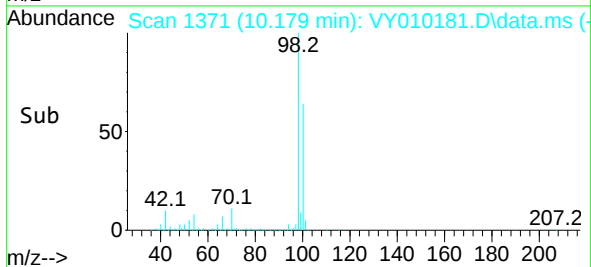
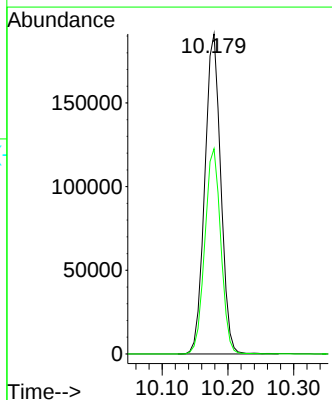
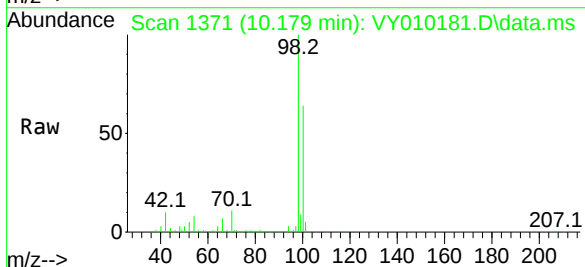
Instrument :
MSVOA_Y
ClientSampleId :
S7

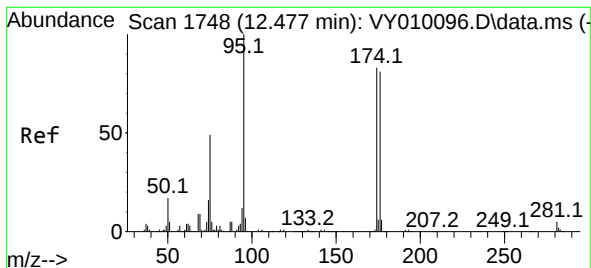
Tgt Ion:117 Resp: 15639
Ion Ratio Lower Upper
117 100
119 6.2 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion: 98 Resp: 323218
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

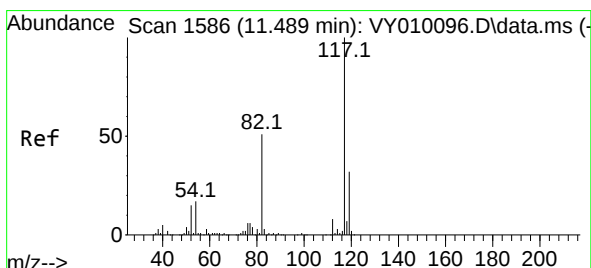
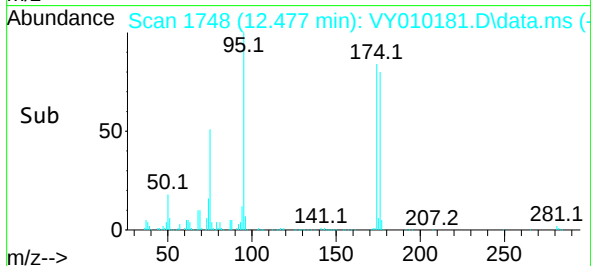
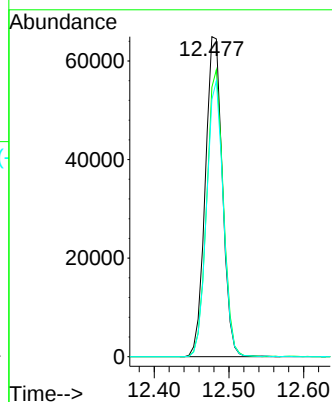
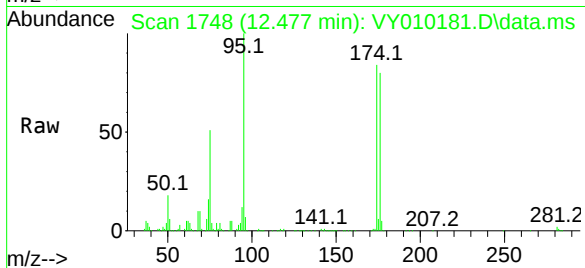




#62
4-Bromofluorobenzene
Concen: 44.074 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

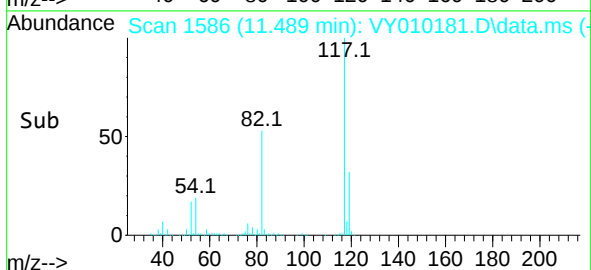
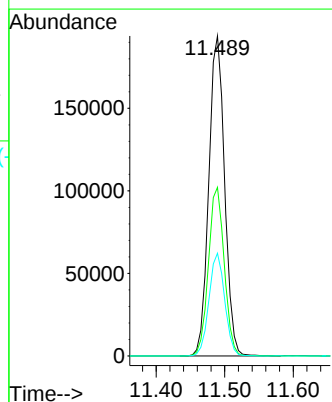
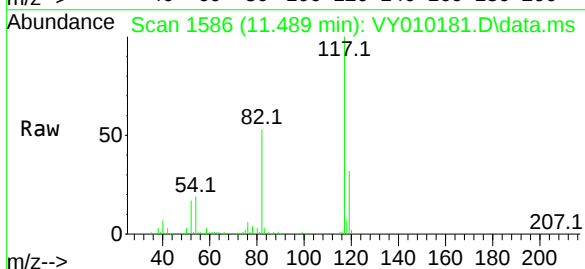
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ClientSampleId :
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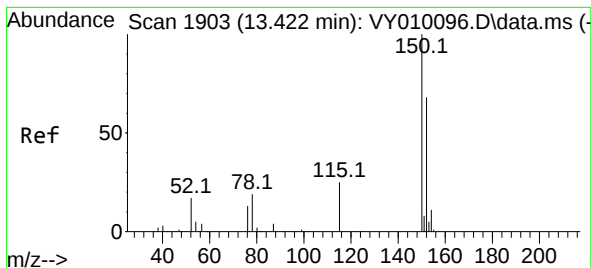
Tgt Ion: 95 Resp: 102975
Ion Ratio Lower Upper
95 100
174 87.3 0.0 173.8
176 84.0 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion: 117 Resp: 311135
Ion Ratio Lower Upper
117 100
82 52.7 40.6 61.0
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010181.D

Acq: 23 Aug 2022 21:29

Instrument :

MSVOA_Y

ClientSampleId :

S7

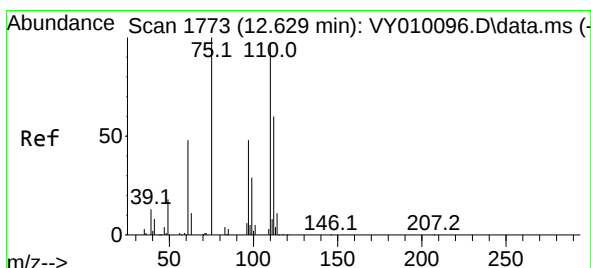
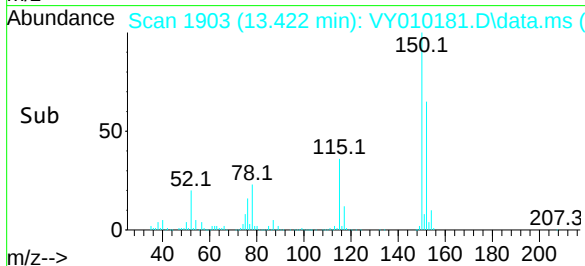
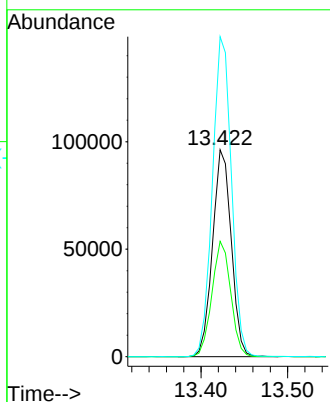
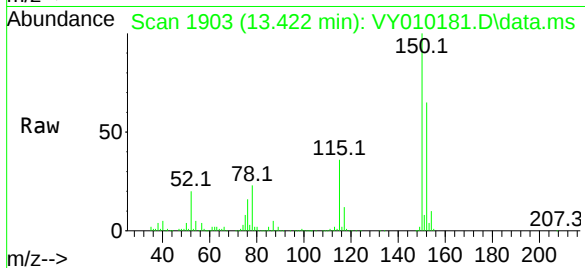
Tgt Ion:152 Resp: 144570

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 156.5 0.0 346.2



#76

1,2,3-Trichloropropane

Concen: 37.933 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010181.D

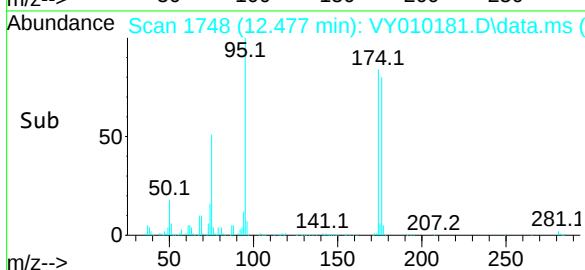
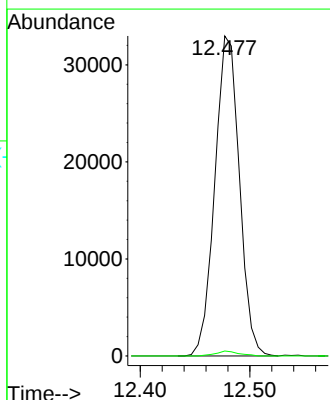
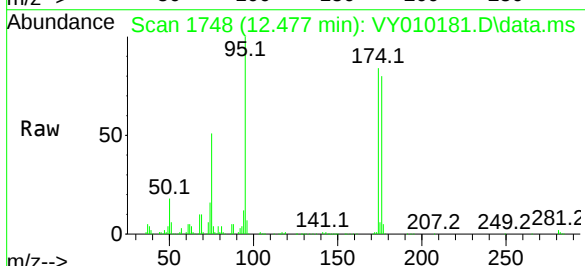
Acq: 23 Aug 2022 21:29

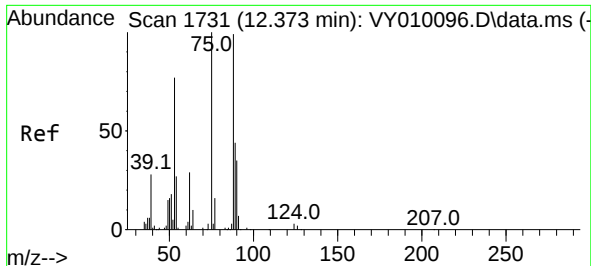
Tgt Ion: 75 Resp: 51359

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

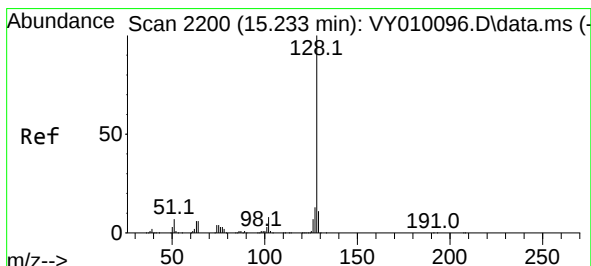
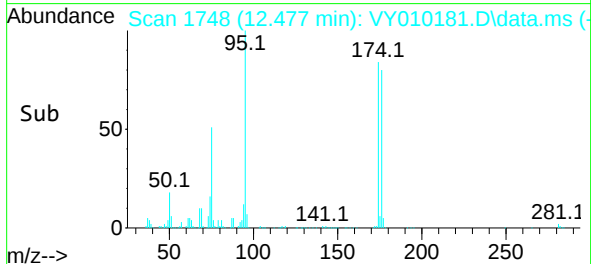
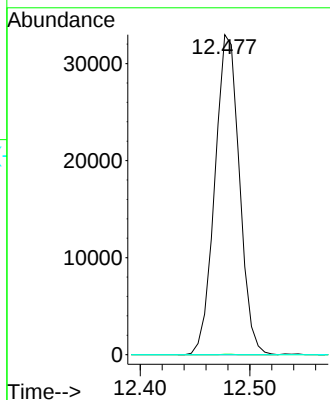
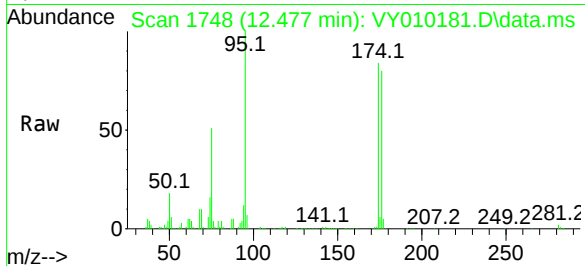




#81
trans-1,4-Dichloro-2-butene
Concen: 76.189 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Instrument :
MSVOA_Y
ClientSampleId :
S7

Tgt Ion: 75 Resp: 51359
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 3.914 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion: 128 Resp: 164
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

