

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011371.D
 Acq On : 08 Nov 2022 18:42
 Operator : KP/MD
 Sample : N5436-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:34:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

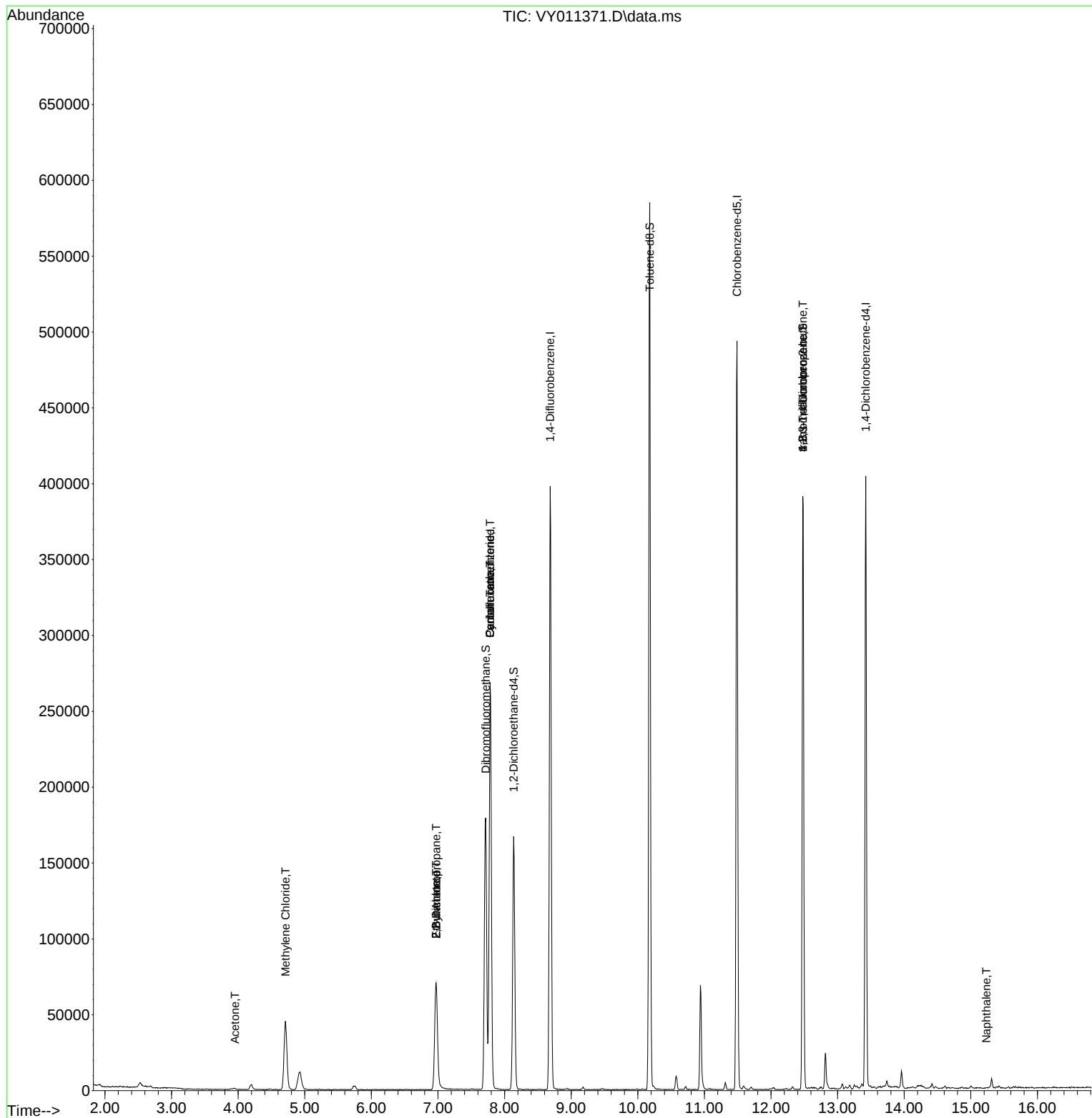
Internal Standards						
1) Pentafluorobenzene	7.783	168	216870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125782	54.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.460%	
35) Dibromofluoromethane	7.716	113	132948	58.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.180%	
50) Toluene-d8	10.179	98	396039	44.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.900%	
62) 4-Bromofluorobenzene	12.477	95	123512	40.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	283	Below Cal		87
11) Tert butyl alcohol	4.930	59	12761	Below Cal	#	83
16) Acetone	3.954	43	1485	2.121	ug/l #	84
20) Methylene Chloride	4.710	84	36328	8.515	ug/l #	79
25) 2-Butanone	6.972	43	3520	3.573	ug/l	92
26) 2,2-Dichloropropane	6.972	77	5857	1.381	ug/l #	55
31) Cyclohexane	7.783	56	4315	1.004	ug/l #	1
37) Ethyl Acetate	6.972	43	3520	1.762	ug/l #	1
38) Carbon Tetrachloride	7.783	117	20941	5.447	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59111	44.712	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59111	95.690	ug/l #	7
95) Naphthalene	15.233	128	624	4.088	ug/l #	73

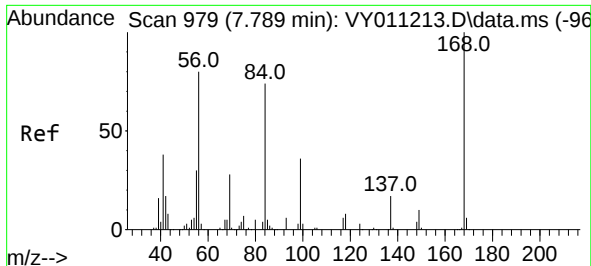
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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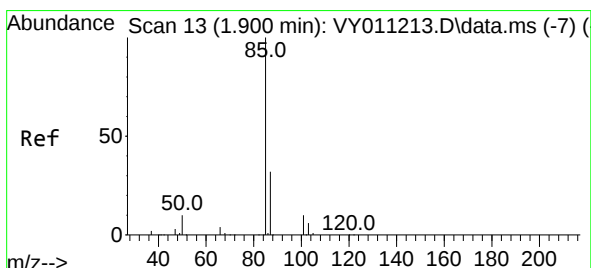
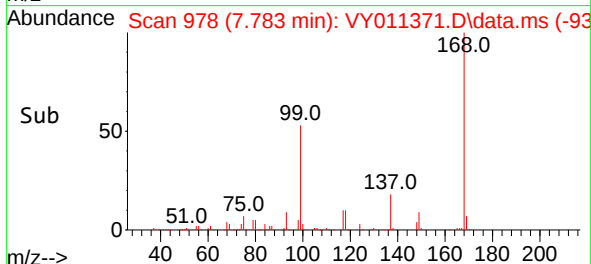
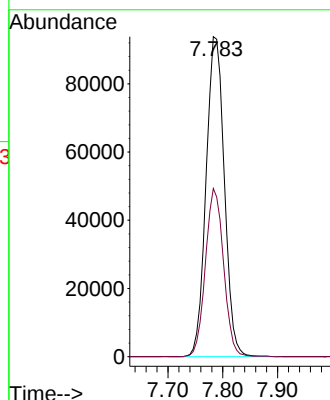
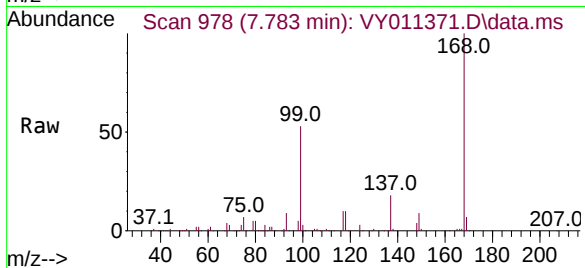




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

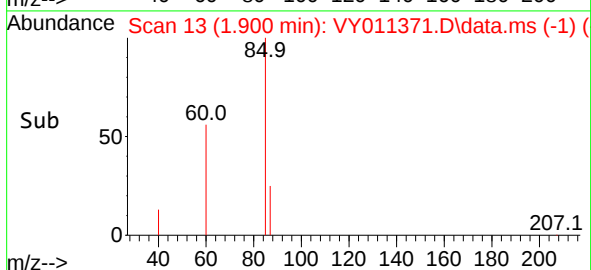
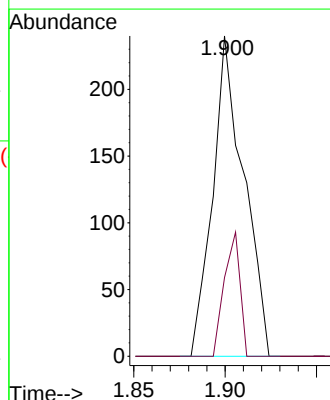
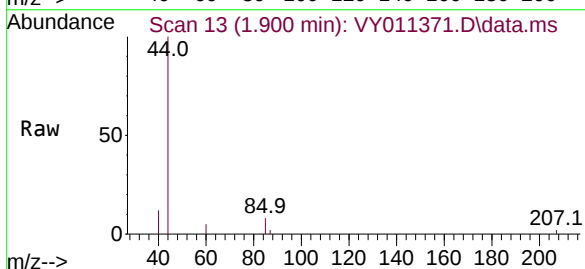
Instrument :
MSVOA_Y
ClientSampleId :

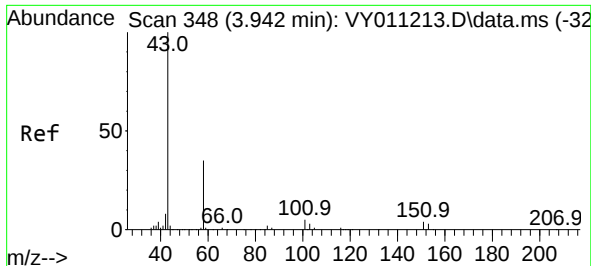
Tgt Ion:168 Resp: 216870
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Tgt Ion: 85 Resp: 283
Ion Ratio Lower Upper
85 100
87 24.6 16.1 48.2

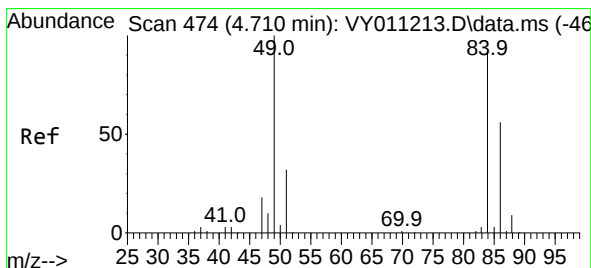
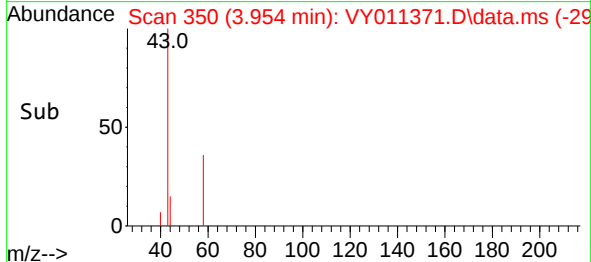
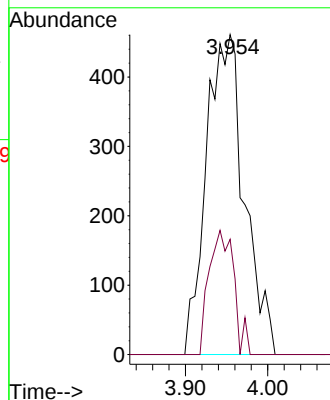
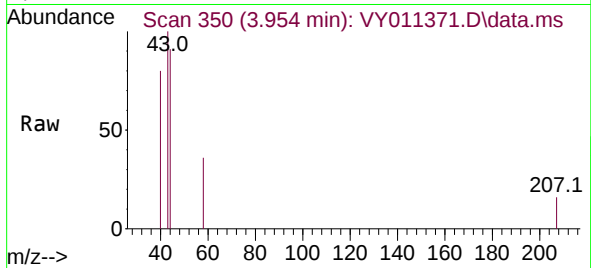




#16
Acetone
Concen: 2.121 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

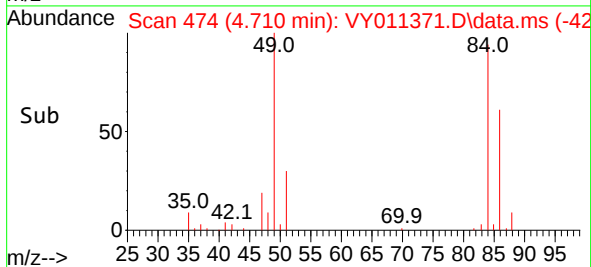
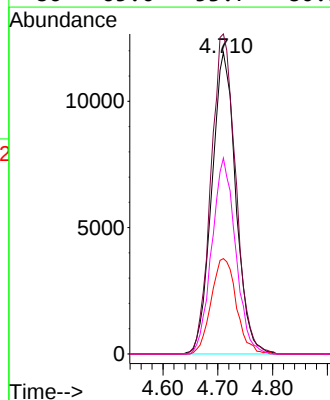
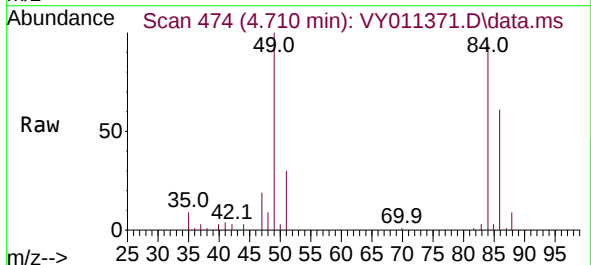
Instrument :
MSVOA_Y
ClientSampleId :

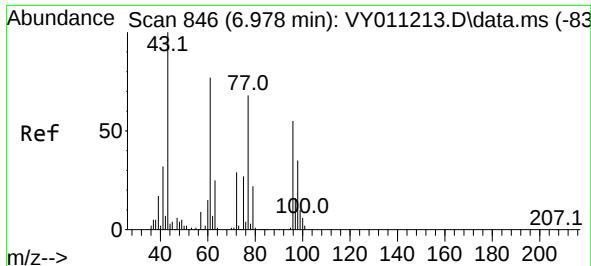
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#



#20
Methylene Chloride
Concen: 8.515 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

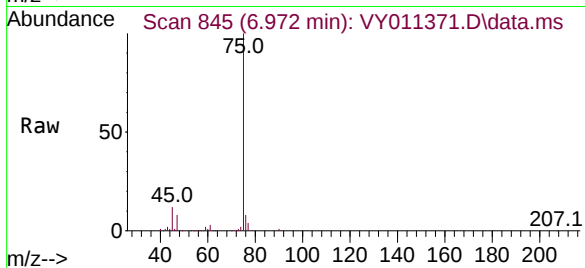
Tgt Ion: 84 Resp: 36328
Ion Ratio Lower Upper
84 100
49 106.2 114.4 171.6#
51 31.6 35.3 52.9#
86 65.0 53.7 80.5



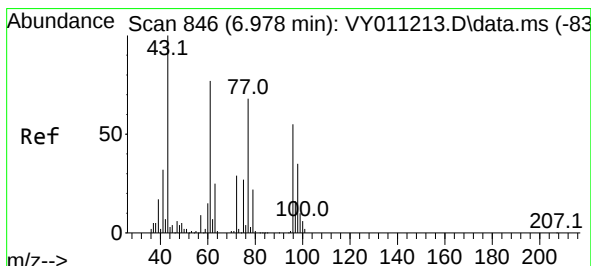
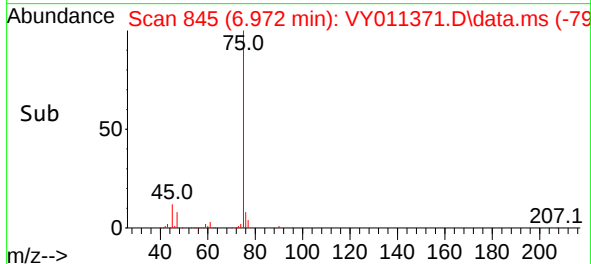
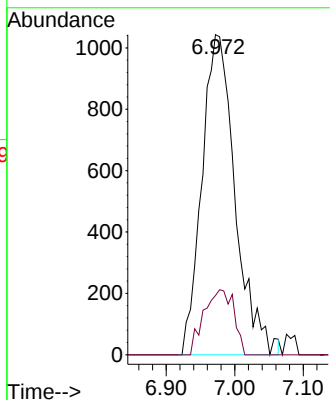


#25
2-Butanone
Concen: 3.573 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Instrument :
MSVOA_Y
ClientSampleId :

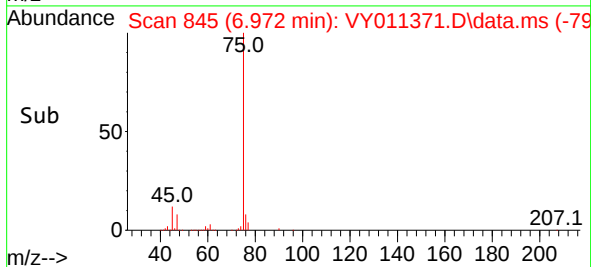
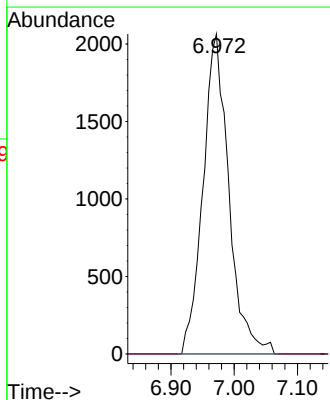
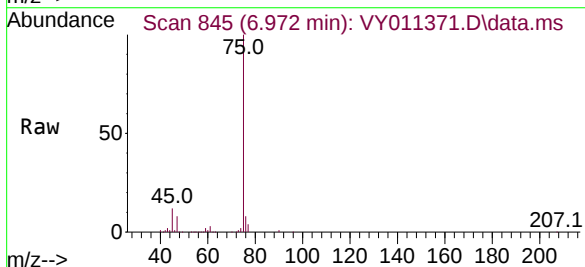


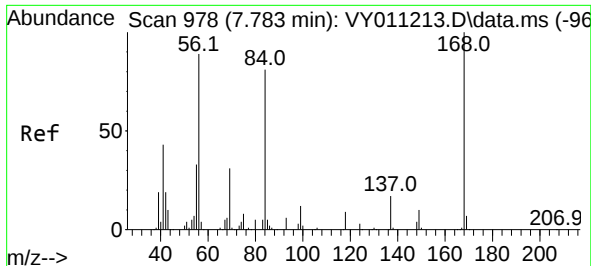
Tgt Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
72 18.5 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.381 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

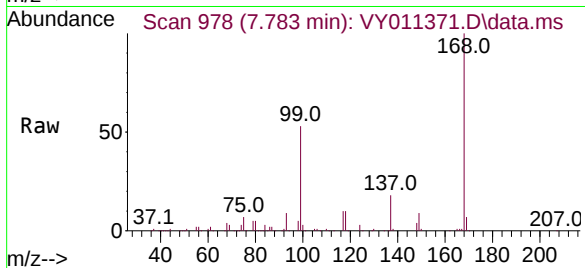
Tgt Ion: 77 Resp: 5857
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



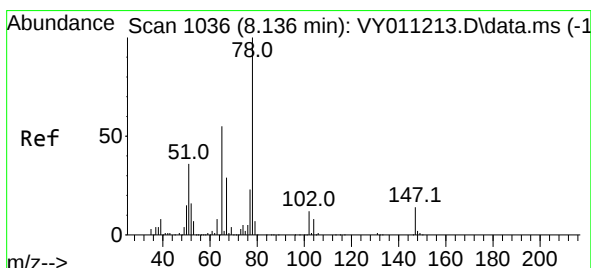
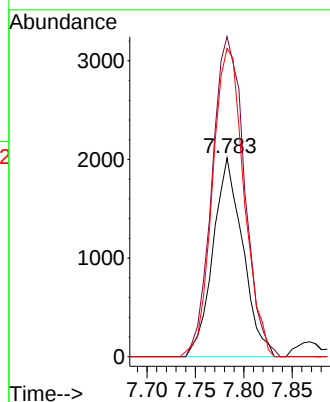
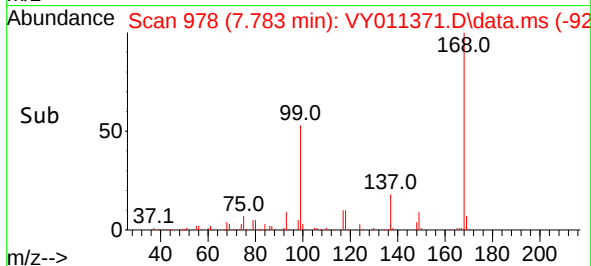


#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Instrument :
MSVOA_Y
ClientSampleId :

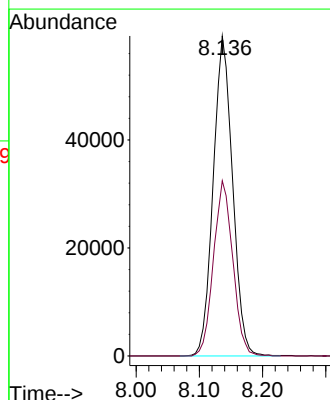
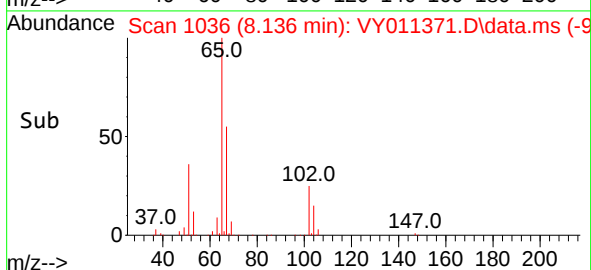
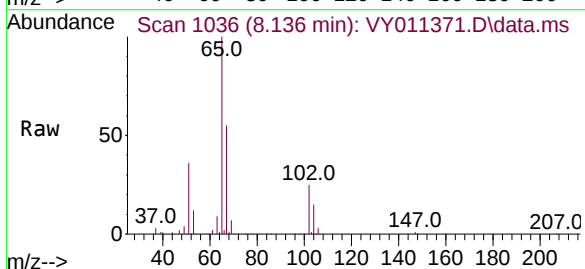


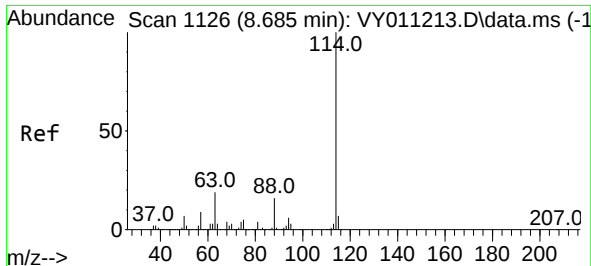
Tgt Ion: 56 Resp: 4315
Ion Ratio Lower Upper
56 100
69 161.0 26.7 40.1#
84 155.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.230 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Tgt Ion: 65 Resp: 125782
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011371.D

Acq: 08 Nov 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

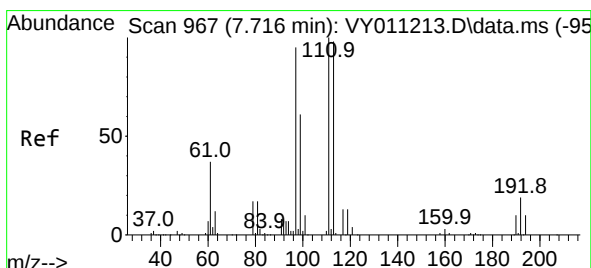
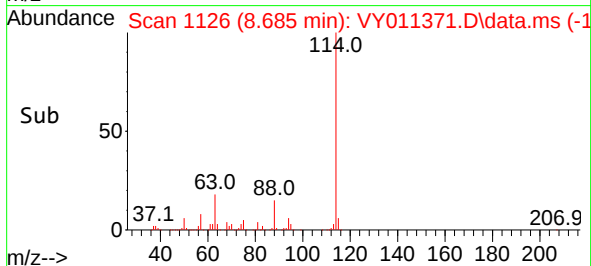
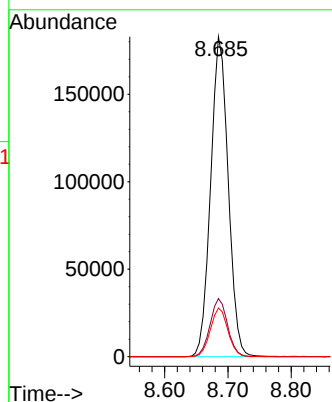
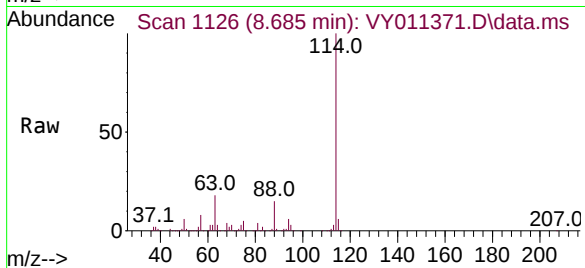
Tgt Ion:114 Resp: 353186

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.588 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011371.D

Acq: 08 Nov 2022 18:42

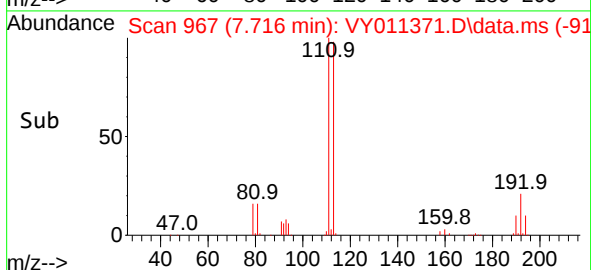
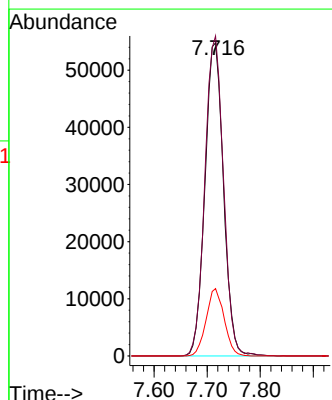
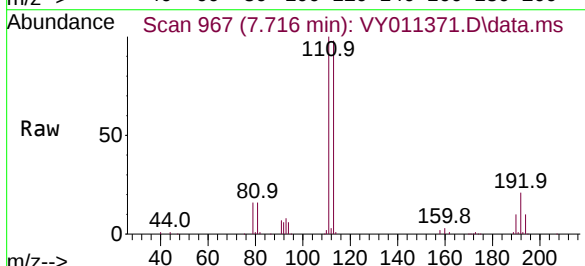
Tgt Ion:113 Resp: 132948

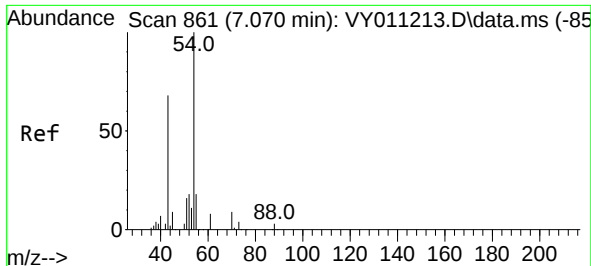
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.9 17.6 26.4





#37

Ethyl Acetate

Concen: 1.762 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

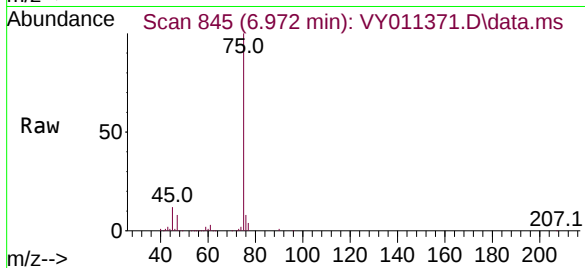
Lab File: VY011371.D

Acq: 08 Nov 2022 18:42

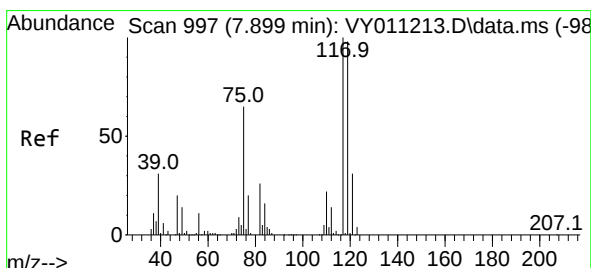
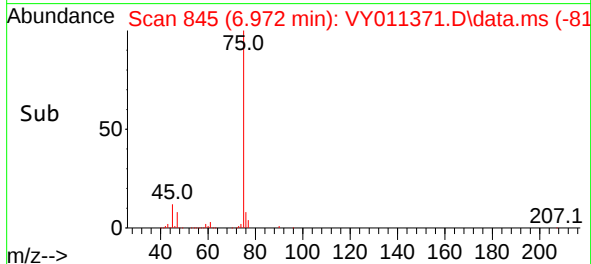
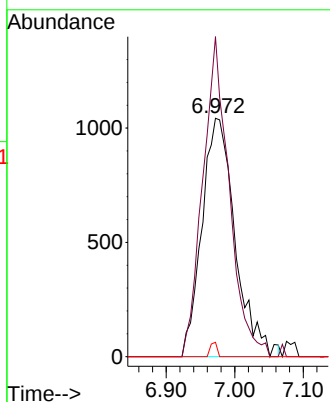
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	3520
Ion	Ratio	Lower	Upper
43	100		
61	106.8	9.7	14.5#
70	1.2	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.447 ug/l

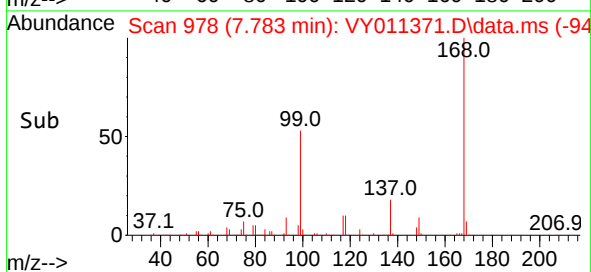
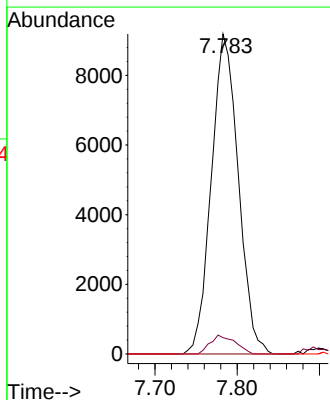
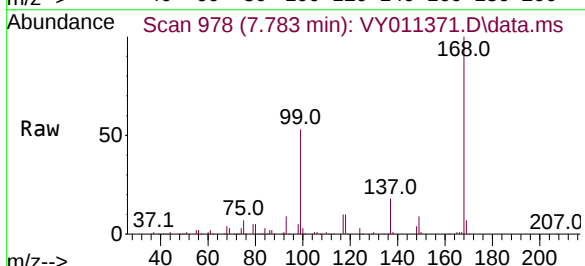
RT: 7.783 min Scan# 978

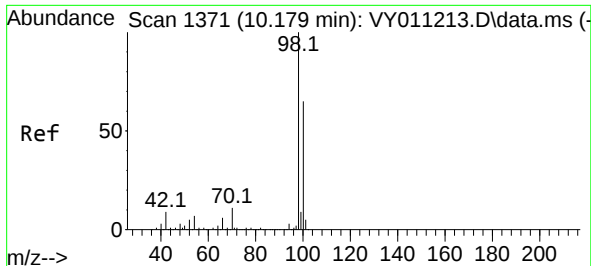
Delta R.T. -0.116 min

Lab File: VY011371.D

Acq: 08 Nov 2022 18:42

Tgt Ion:	117	Resp:	20941
Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#

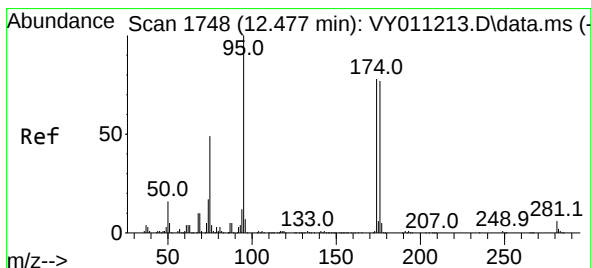
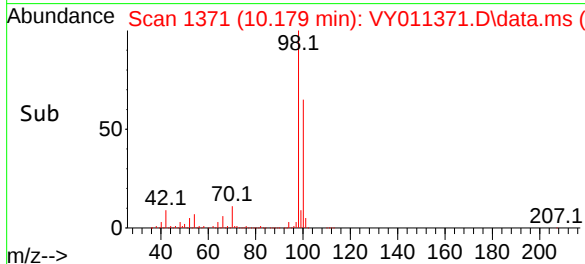
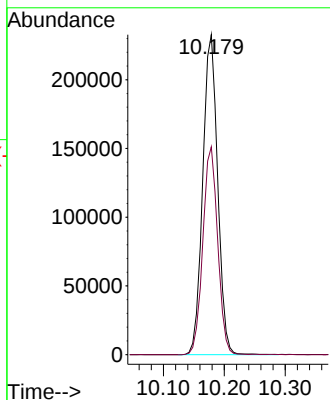
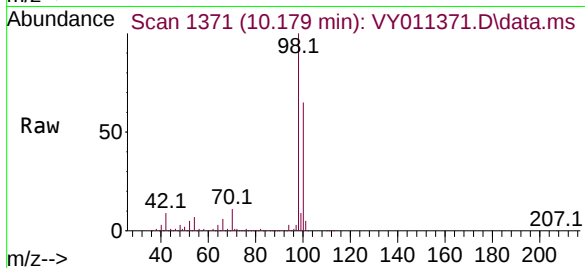




#50
Toluene-d8
Concen: 44.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

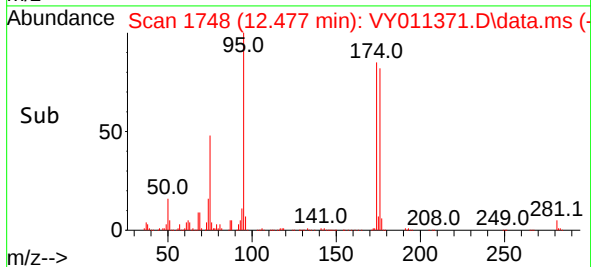
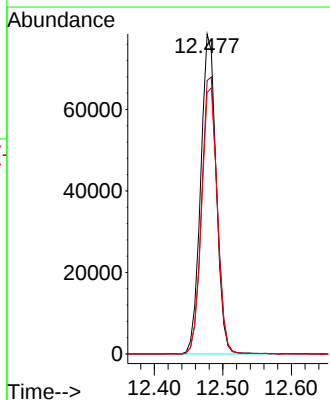
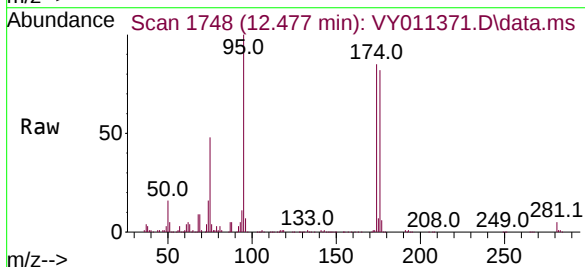
Instrument :
MSVOA_Y
ClientSampleId :

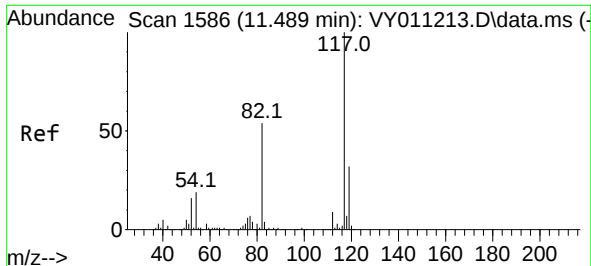
Tgt Ion: 98 Resp: 396039
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

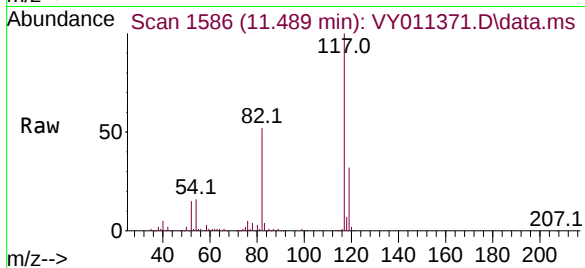
Tgt Ion: 95 Resp: 123512
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.5 0.0 175.8



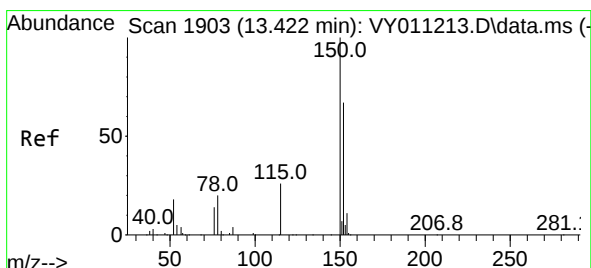
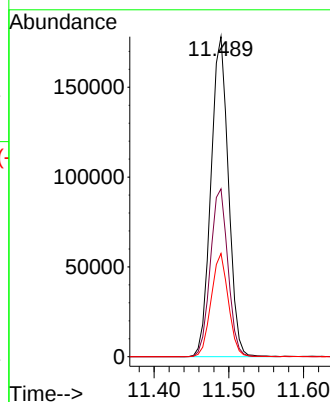
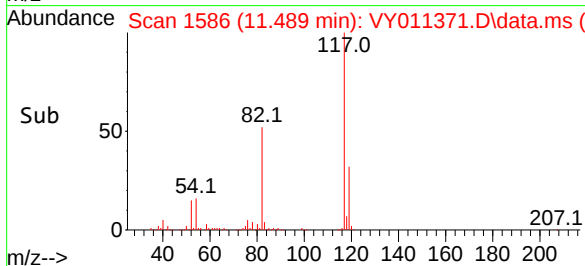


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

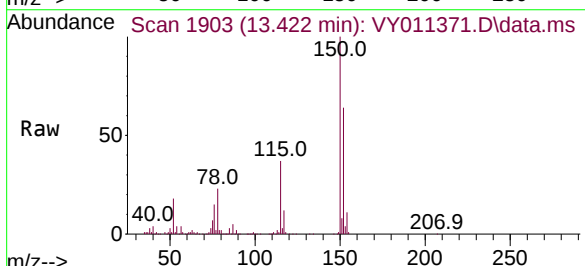
Instrument :
MSVOA_Y
ClientSampleId :



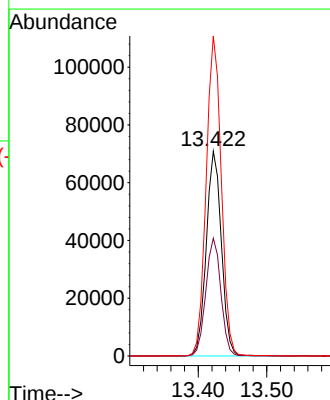
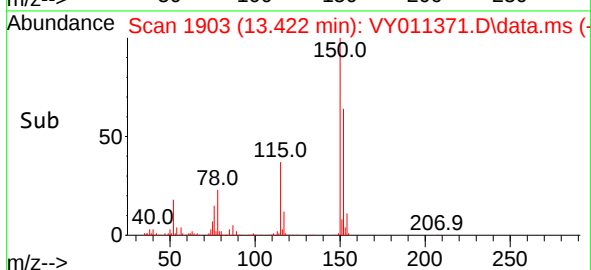
Tgt Ion:117 Resp: 288967
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.3 25.4 38.0

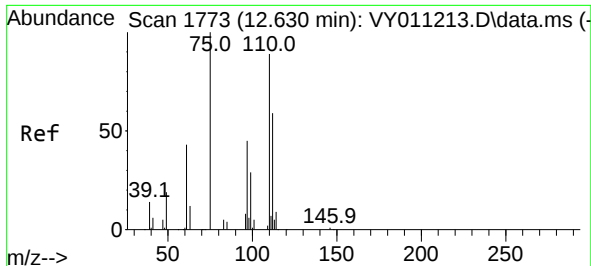


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42



Tgt Ion:152 Resp: 108593
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.8 0.0 347.6

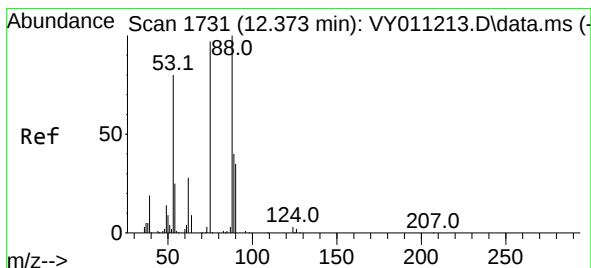
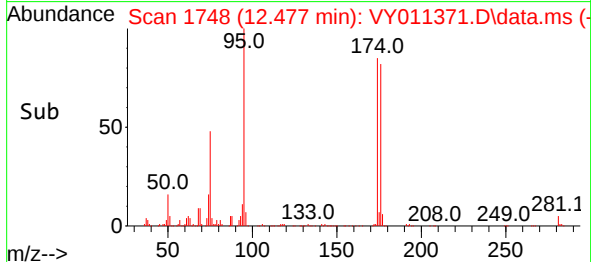
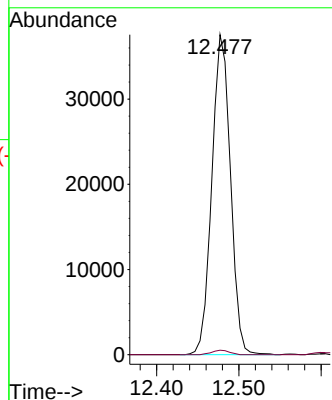
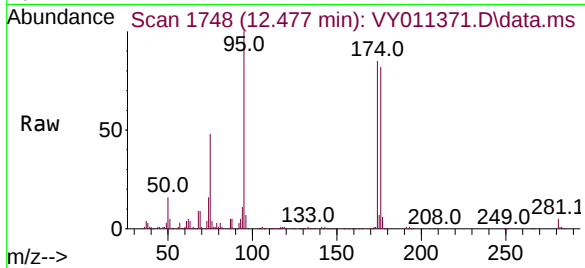




#76
1,2,3-Trichloropropane
Concen: 44.712 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

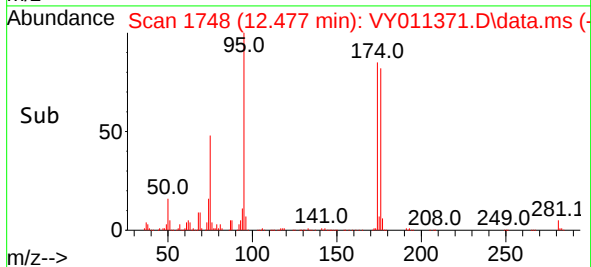
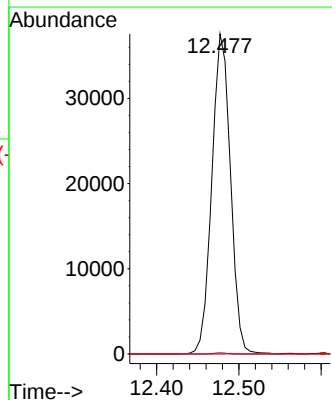
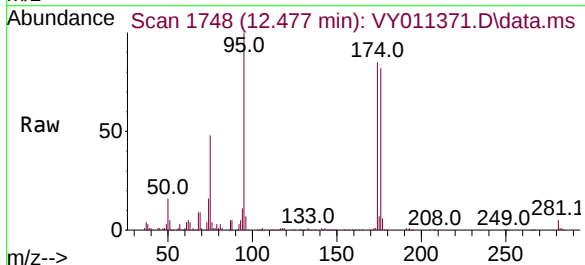
Instrument :
MSVOA_Y
ClientSampleId :

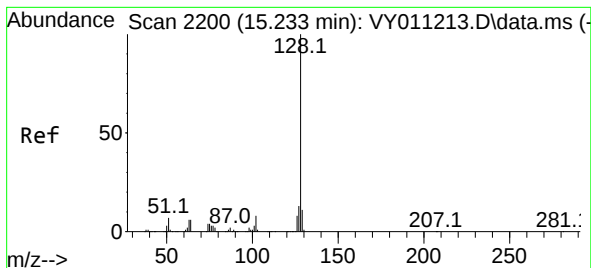
Tgt Ion: 75 Resp: 59111
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.690 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011371.D
Acq: 08 Nov 2022 18:42

Tgt Ion: 75 Resp: 59111
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.088 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

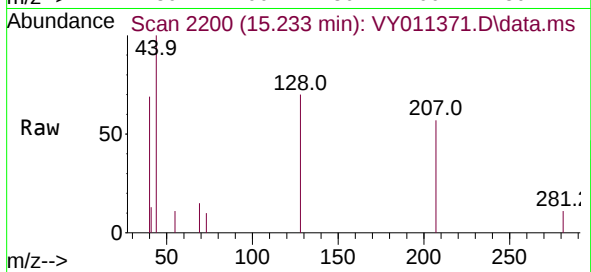
Lab File: VY011371.D

Acq: 08 Nov 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 624

Ion Ratio Lower Upper

128 100

127 3.4 11.0 16.4#

129 0.0 8.4 12.6#

