

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007984.D
 Acq On : 22 Mar 2022 04:14
 Operator : SY/MD
 Sample : N2057-03
 Misc : 7.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-NORTH-SIDEWALL

Quant Time: Mar 22 06:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

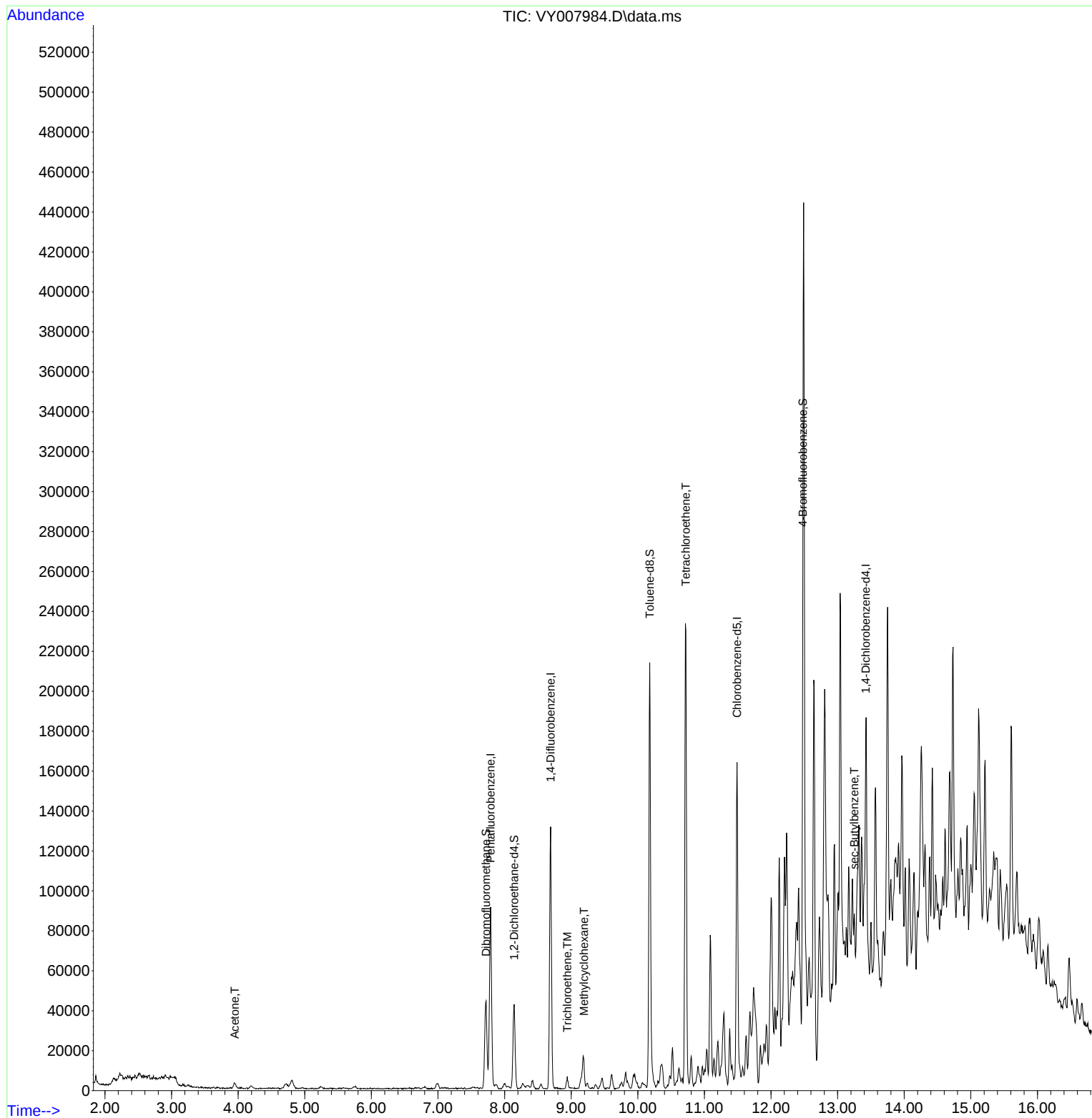
Internal Standards						
1) Pentafluorobenzene	7.789	168	62282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	109143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	83946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31824	44.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.620%		
35) Dibromofluoromethane	7.722	113	31983	41.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.460%		
50) Toluene-d8	10.179	98	129352	56.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	113.360%		
62) 4-Bromofluorobenzene	12.477	95	38910	35.370	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	70.740%		
Target Compounds						Qvalue
16) Acetone	3.948	43	4749	25.209	ug/l	91
39) Methylcyclohexane	9.191	83	6660	2.225	ug/l #	82
44) Trichloroethene	8.941	130	1560	1.698	ug/l	74
64) Tetrachloroethene	10.721	164	49514	75.798	ug/l	96
85) sec-Butylbenzene	13.251	105	3305	1.179	ug/l	81

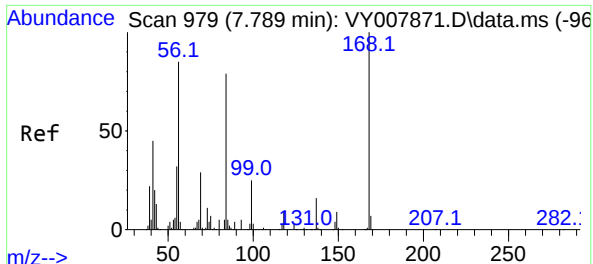
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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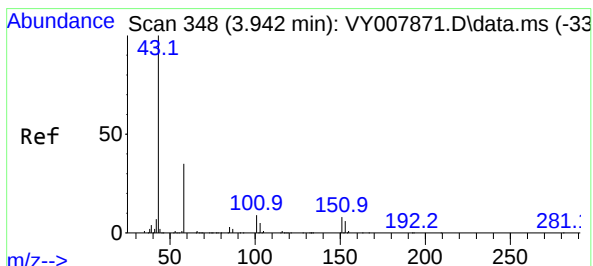
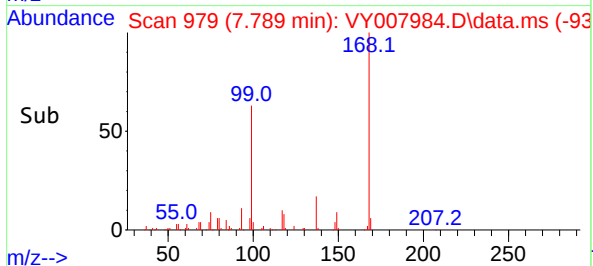
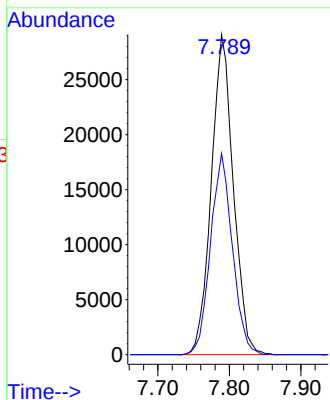
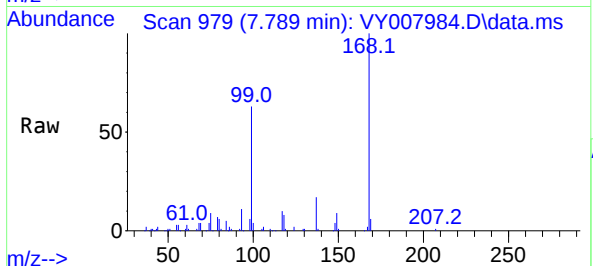




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

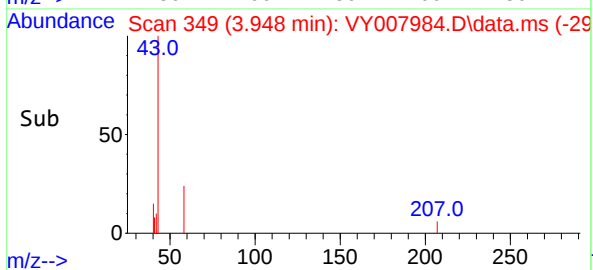
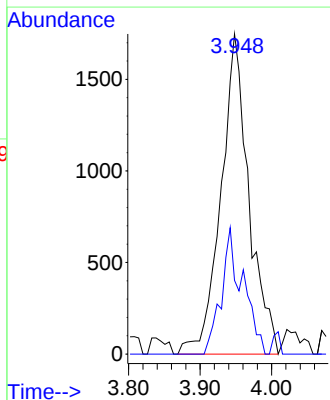
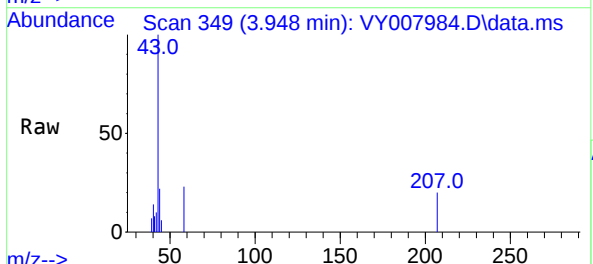
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-NORTH-SIDEWALL

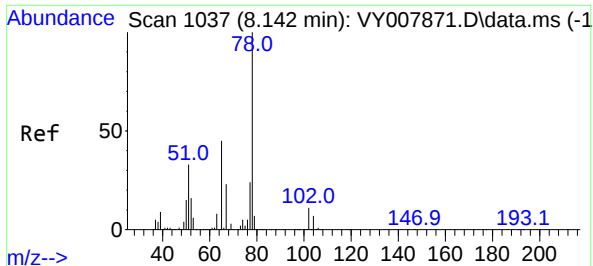
Tgt Ion:168 Resp: 62282
Ion Ratio Lower Upper
168 100
99 62.9 46.9 70.3



#16
Acetone
Concen: 25.209 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
58 23.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 44.814 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007984.D

Acq: 22 Mar 2022 04:14

Instrument :

MSVOA_Y

ClientSampleId :

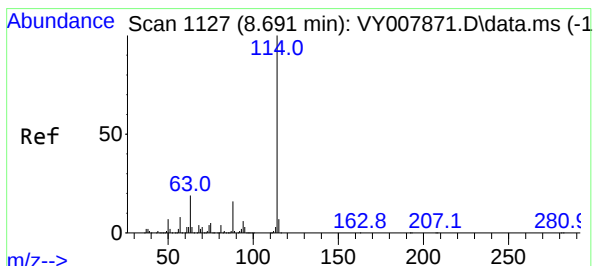
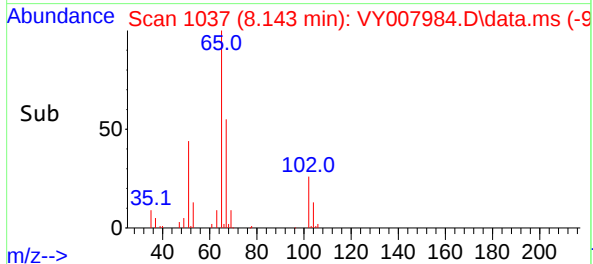
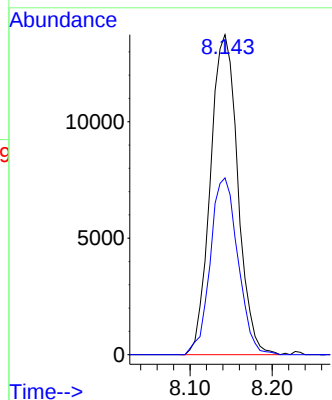
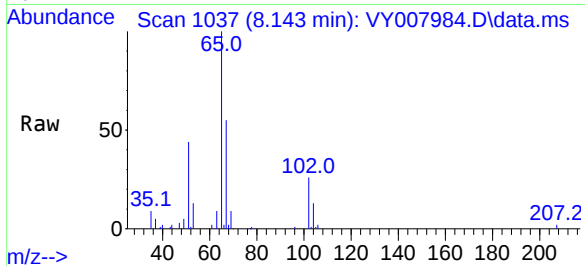
UST-7-NORTH-SIDEWALL

Tgt Ion: 65 Resp: 31824

Ion Ratio Lower Upper

65 100

67 55.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007984.D

Acq: 22 Mar 2022 04:14

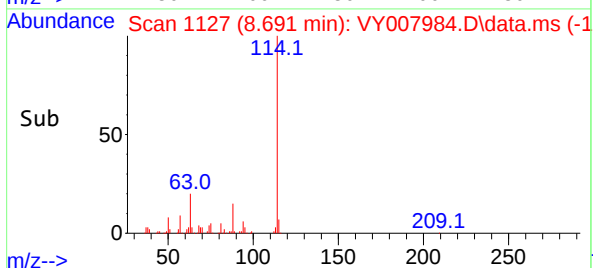
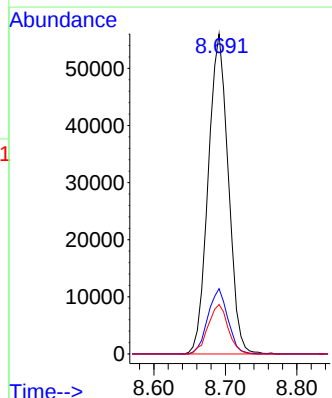
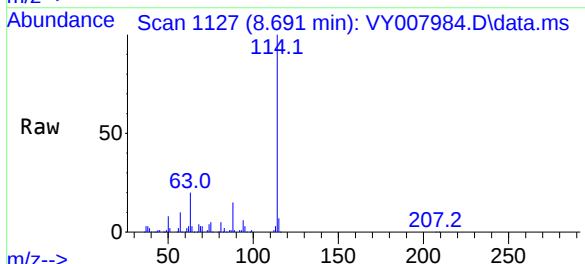
Tgt Ion: 114 Resp: 109143

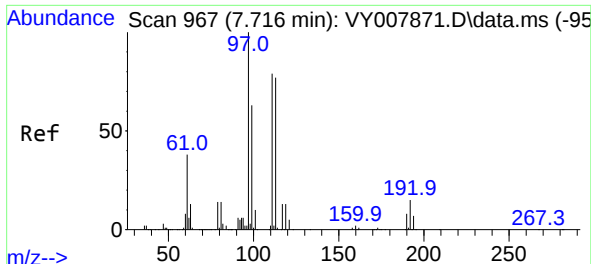
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.4 0.0 31.8

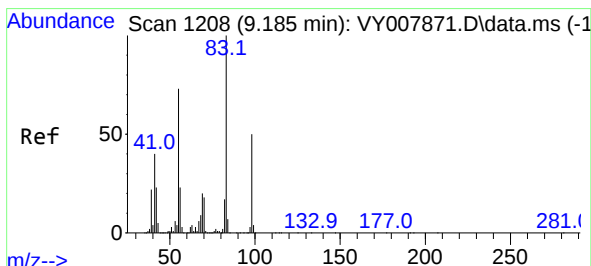
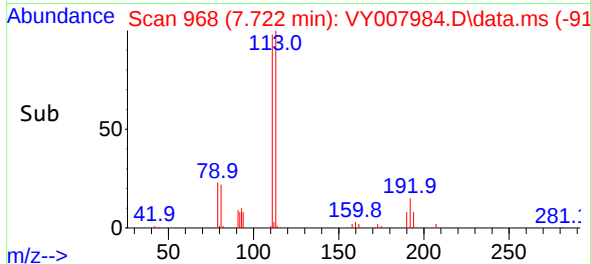
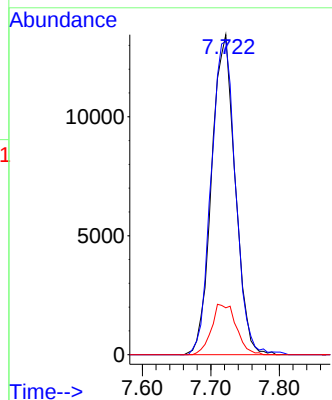
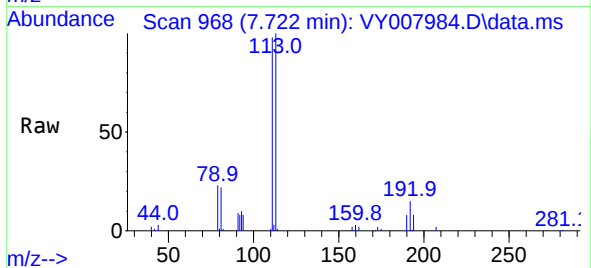




#35
Dibromofluoromethane
Concen: 41.726 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

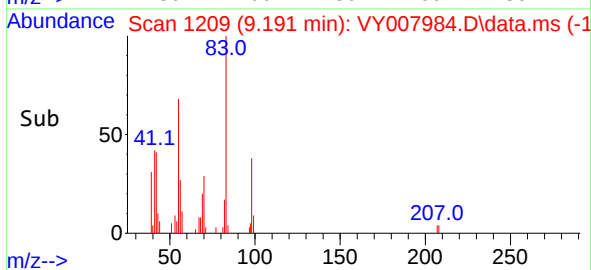
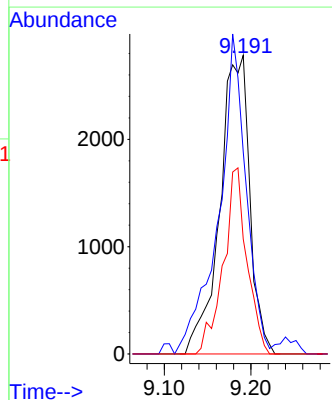
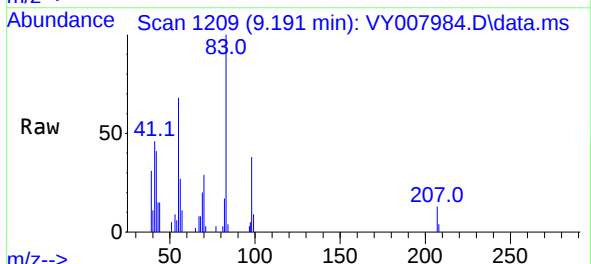
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-NORTH-SIDEWALL

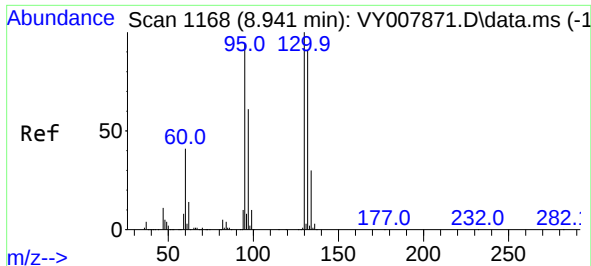
Tgt Ion:113 Resp: 31983
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 16.6 17.6 26.4#



#39
Methylcyclohexane
Concen: 2.225 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

Tgt Ion: 83 Resp: 6660
Ion Ratio Lower Upper
83 100
55 64.4 66.5 99.7#
98 38.5 37.9 56.9

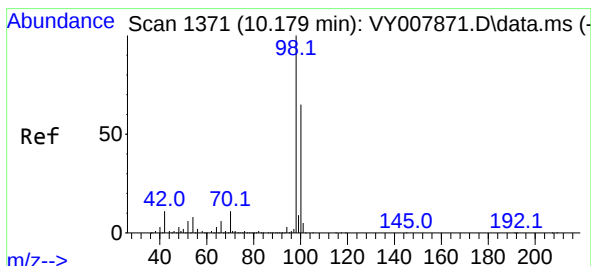
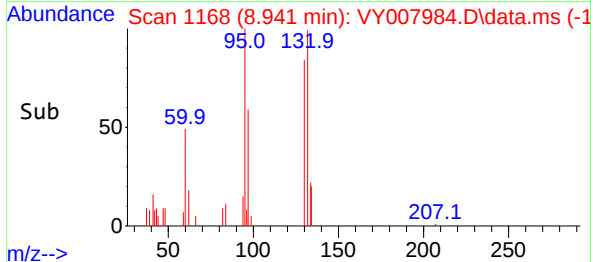
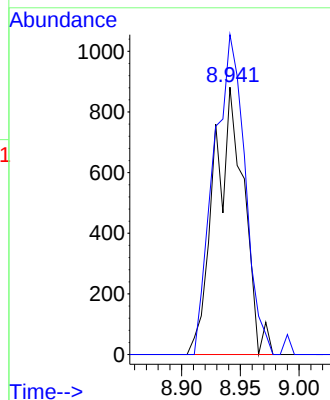
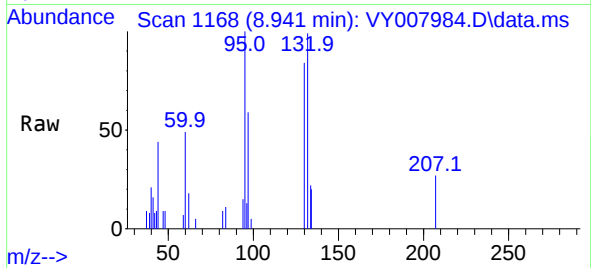




#44
Trichloroethene
Concen: 1.698 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

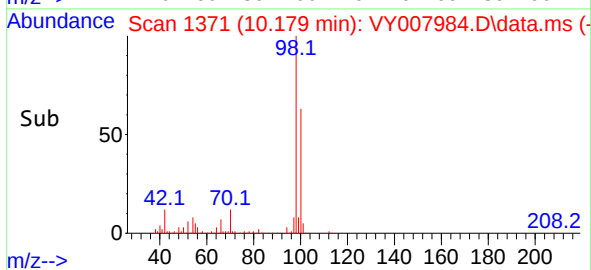
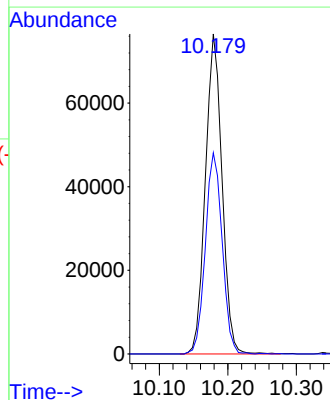
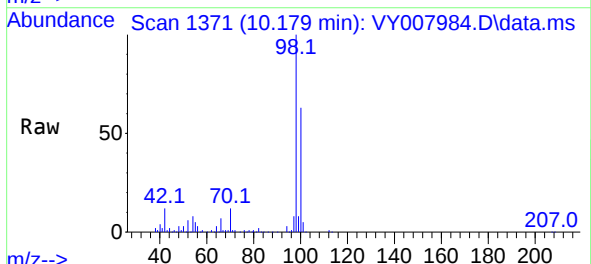
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ClientSampleId :
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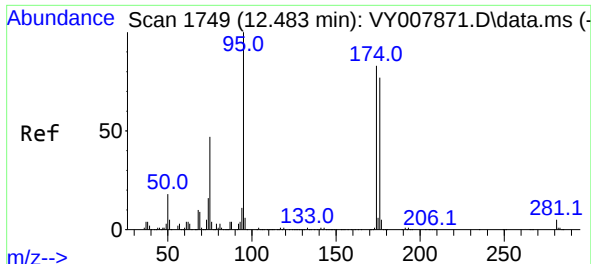
Tgt Ion:130 Resp: 1560
Ion Ratio Lower Upper
130 100
95 119.6 0.0 188.2



#50
Toluene-d8
Concen: 56.679 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

Tgt Ion: 98 Resp: 129352
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

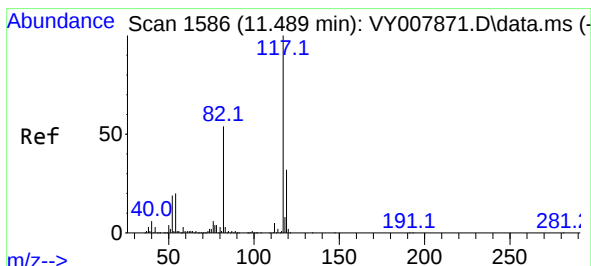
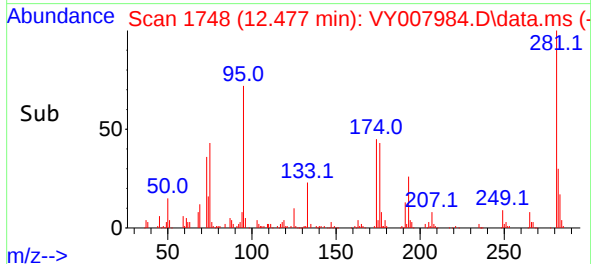
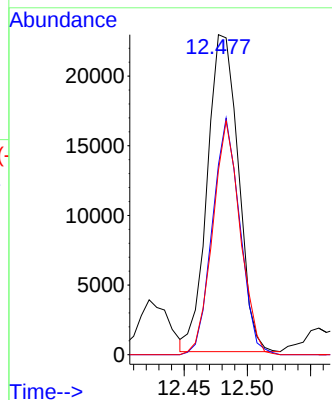
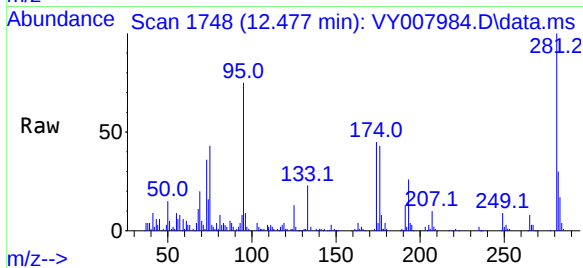




#62
4-Bromofluorobenzene
Concen: 35.370 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

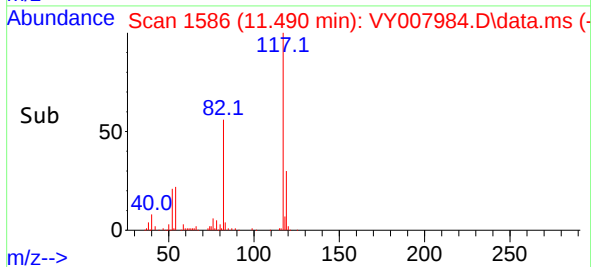
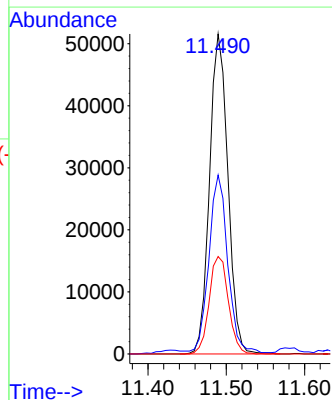
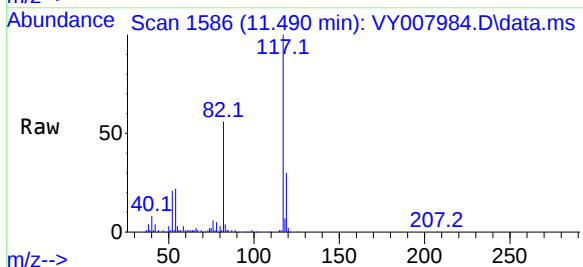
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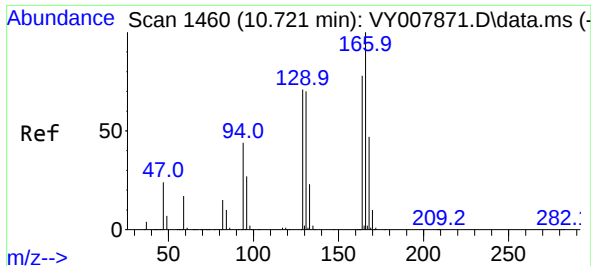
Tgt Ion: 95 Resp: 38910
Ion Ratio Lower Upper
95 100
174 65.5 0.0 177.0
176 65.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

Tgt Ion: 117 Resp: 83946
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 30.5 25.4 38.0



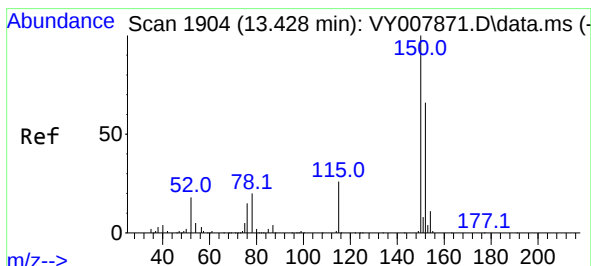
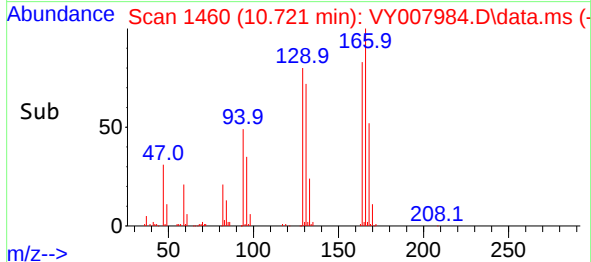
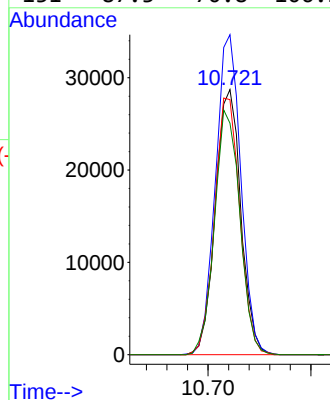
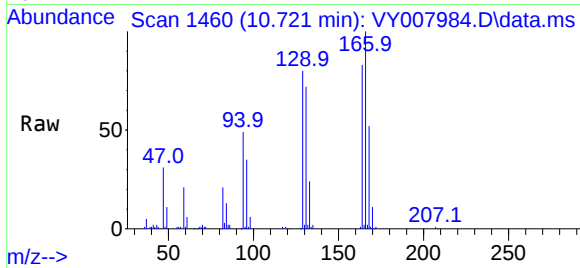


#64
Tetrachloroethene
Concen: 75.798 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:164 Resp: 49514

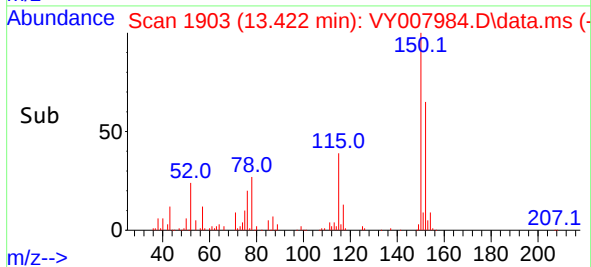
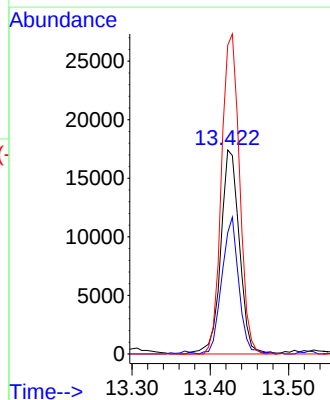
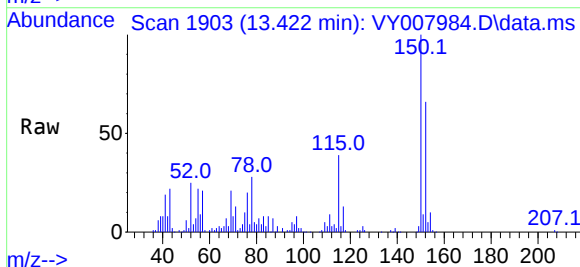
Ion	Ratio	Lower	Upper
164	100		
166	120.7	100.4	150.6
129	96.2	71.4	107.0
131	87.3	70.8	106.2

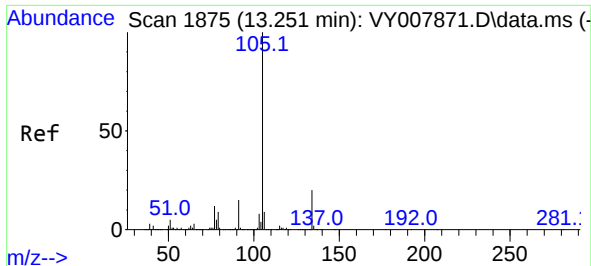


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007984.D
Acq: 22 Mar 2022 04:14

Tgt Ion:152 Resp: 28880

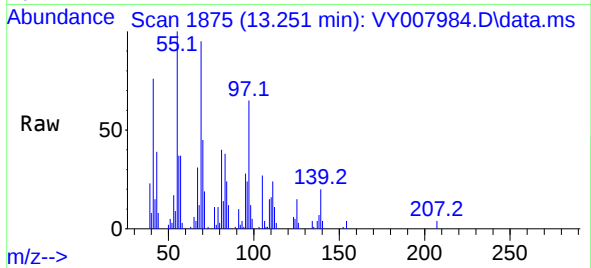
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	151.3	0.0	347.6





#85
 sec-Butylbenzene
 Concen: 1.179 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007984.D
 Acq: 22 Mar 2022 04:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-NORTH-SIDEWALL



Tgt Ion:105 Resp: 3305
 Ion Ratio Lower Upper
 105 100
 134 29.2 10.2 30.4

