

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007998.D
 Acq On : 22 Mar 2022 14:21
 Operator : SY/MD
 Sample : N2057-03RE
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 23 05:07:03 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)

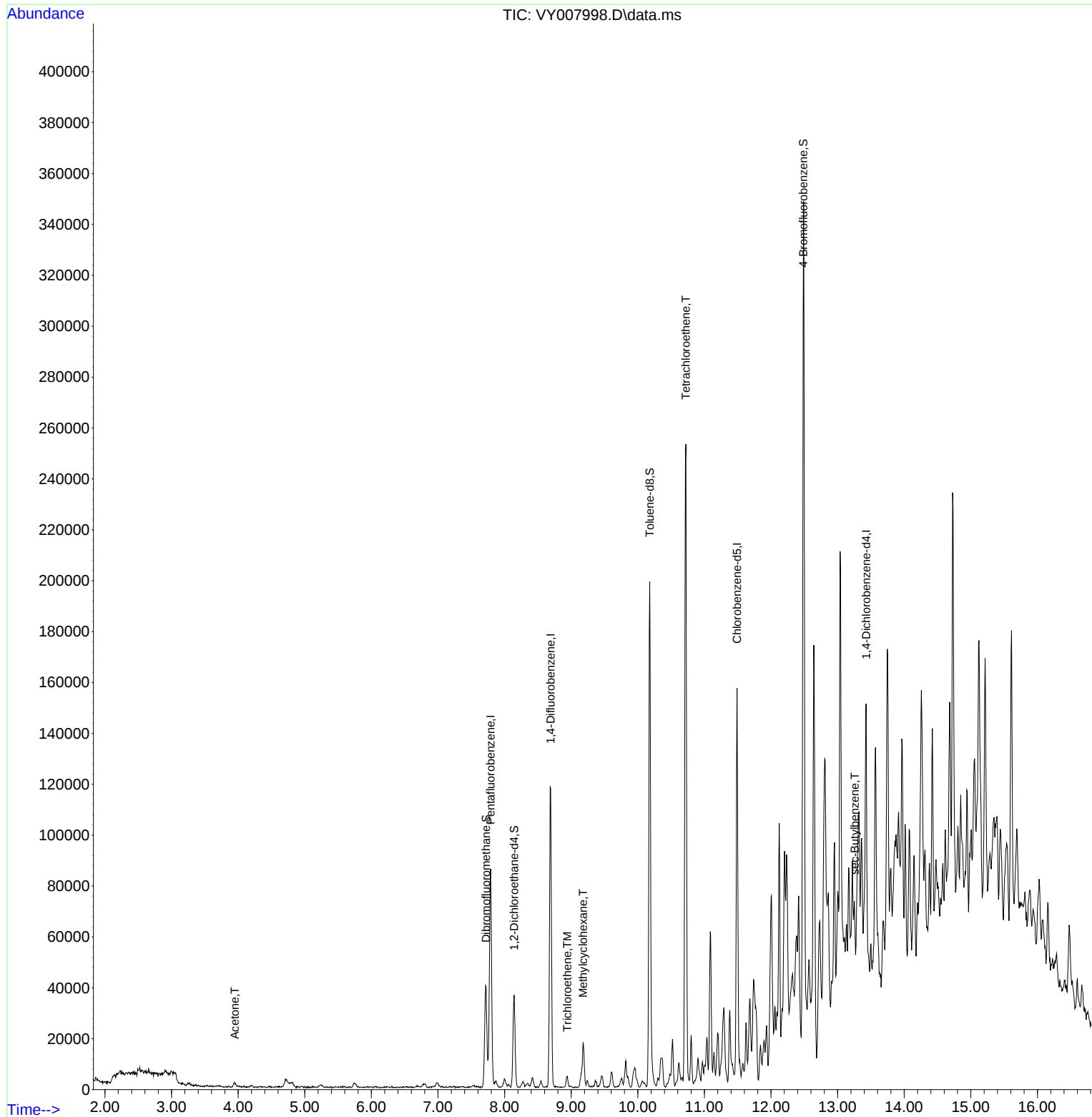
Internal Standards						
1) Pentafluorobenzene	7.789	168	61235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	100015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	76687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26722	38.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.540%
35) Dibromofluoromethane	7.722	113	28372	40.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.780%
50) Toluene-d8	10.179	98	121172	58.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.160%
62) 4-Bromofluorobenzene	12.483	95	33301	33.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.060%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3041	16.418	ug/l #	66
39) Methylcyclohexane	9.179	83	7485	3.505	ug/l	93
44) Trichloroethene	8.941	130	1468	1.744	ug/l	93
64) Tetrachloroethene	10.721	164	51033	85.518	ug/l	95
85) sec-Butylbenzene	13.257	105	4112	1.711	ug/l #	75

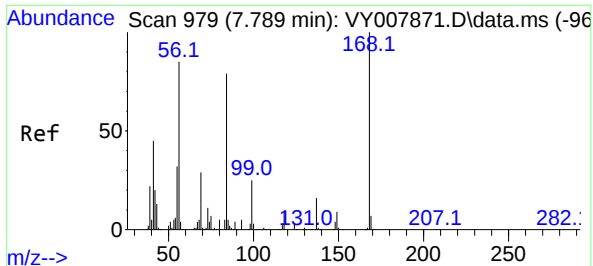
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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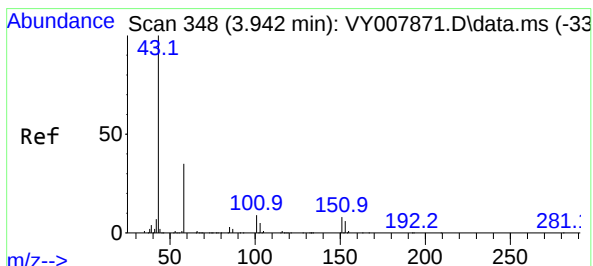
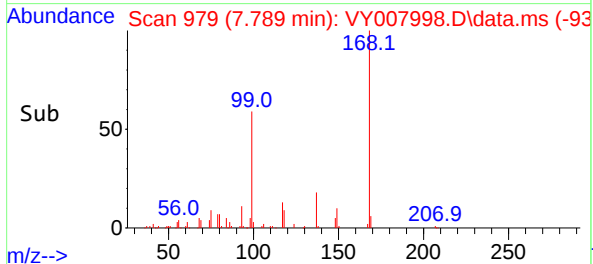
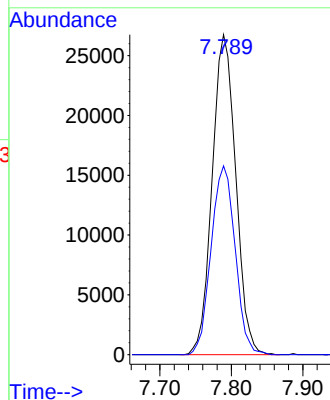
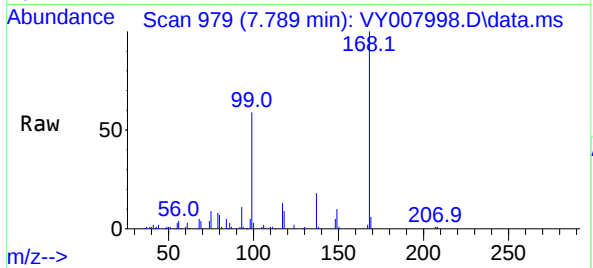




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

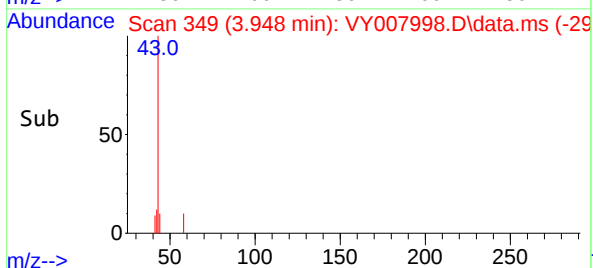
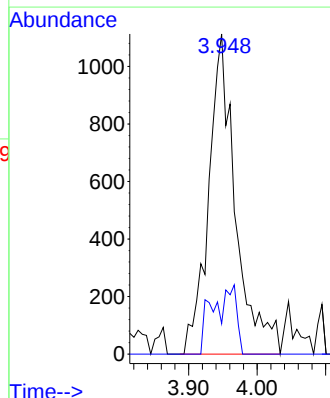
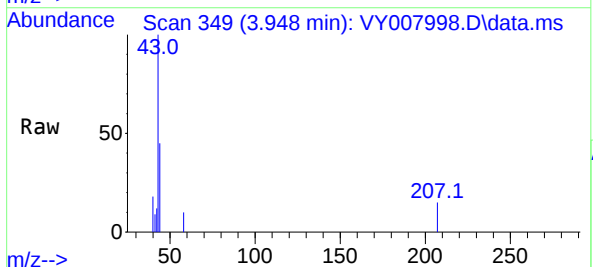
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-NORTH-SIDEWALLRE

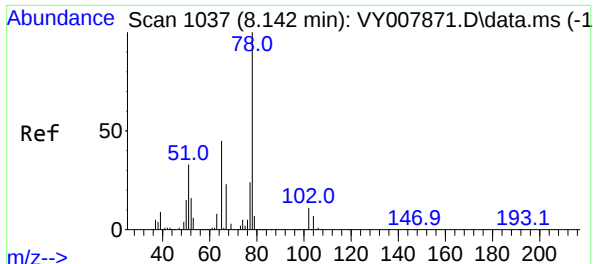
Tgt Ion:168 Resp: 61235
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3



#16
Acetone
Concen: 16.418 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

Tgt Ion: 43 Resp: 3041
Ion Ratio Lower Upper
43 100
58 9.5 22.0 33.0#

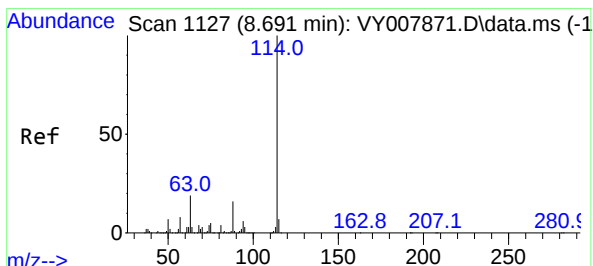
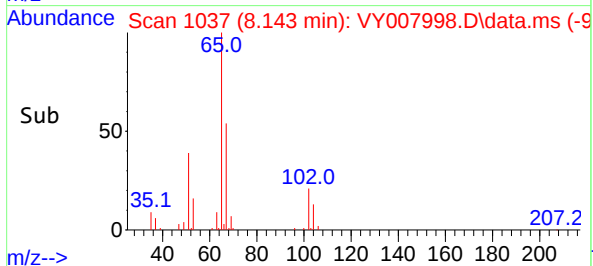
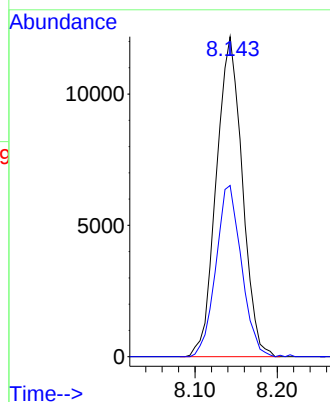
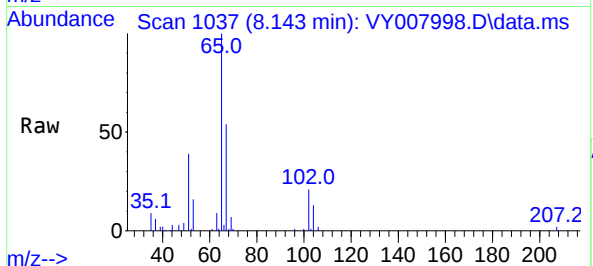




#33
 1,2-Dichloroethane-d4
 Concen: 38.273 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY007998.D
 Acq: 22 Mar 2022 14:21

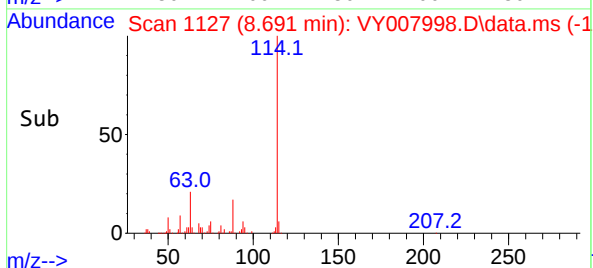
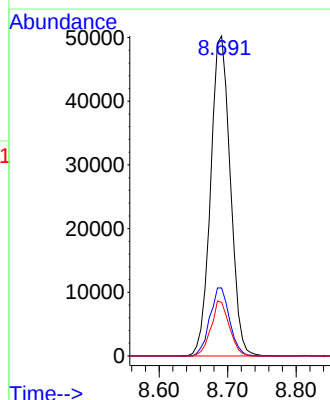
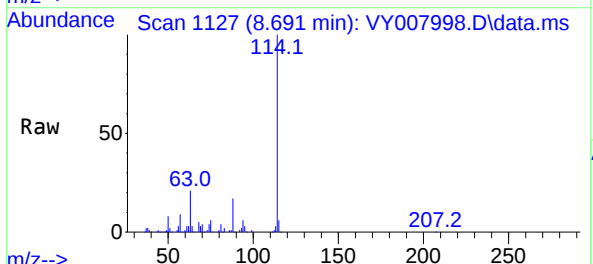
Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-NORTH-SIDEWALLRE

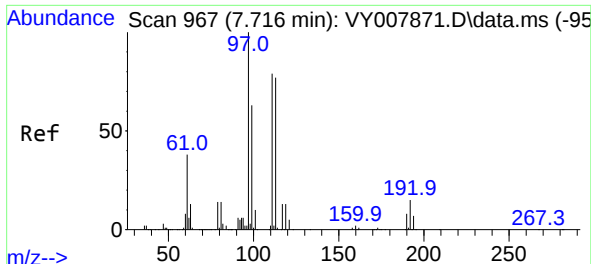
Tgt Ion: 65 Resp: 26722
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY007998.D
 Acq: 22 Mar 2022 14:21

Tgt Ion: 114 Resp: 100015
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.8 0.0 31.8

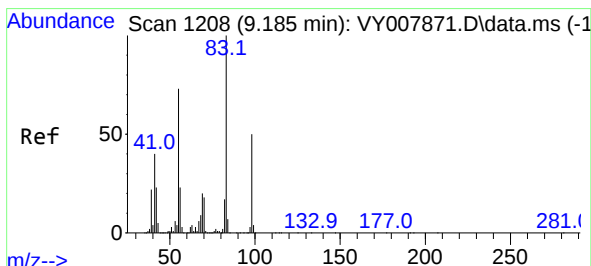
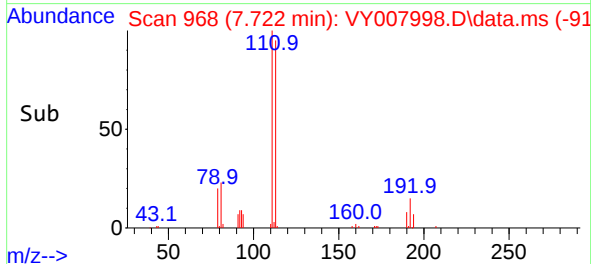
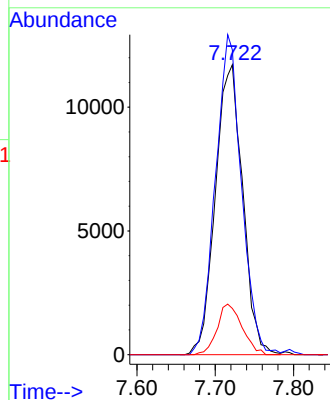
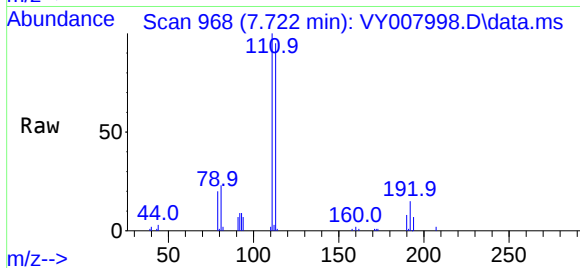




#35
Dibromofluoromethane
Concen: 40.393 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

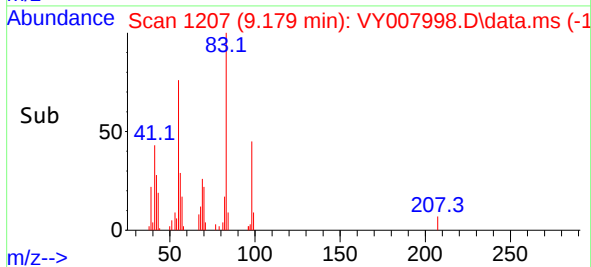
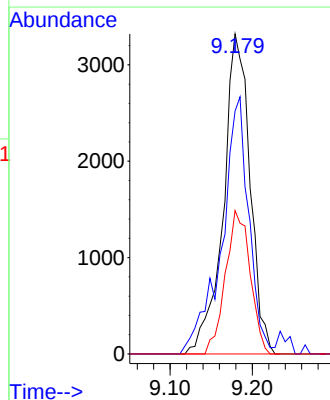
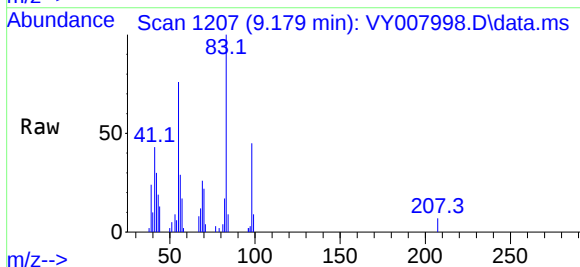
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-NORTH-SIDEWALLRE

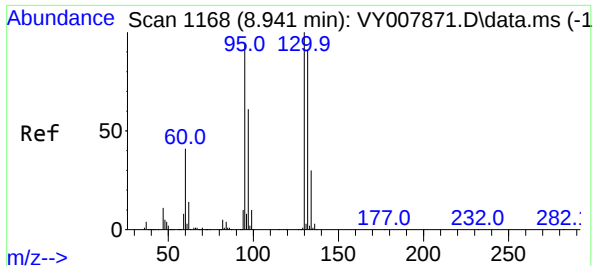
Tgt Ion:113 Resp: 28372
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 15.9 17.6 26.4#



#39
Methylcyclohexane
Concen: 3.505 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

Tgt Ion: 83 Resp: 7485
Ion Ratio Lower Upper
83 100
55 75.9 66.5 99.7
98 44.8 37.9 56.9

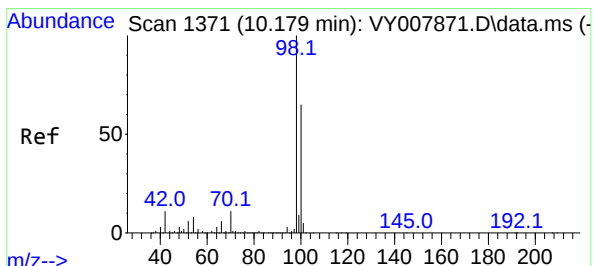
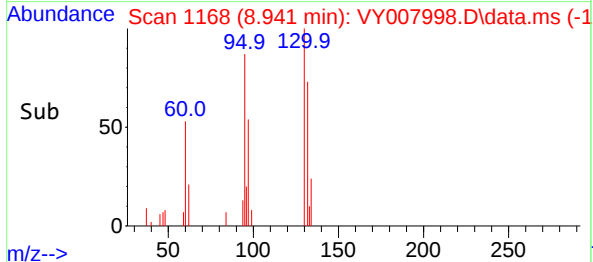
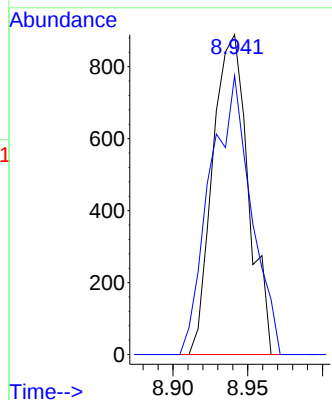
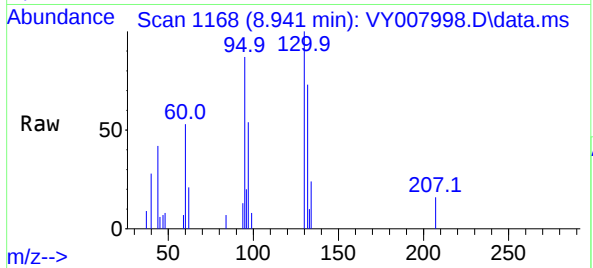




#44
Trichloroethene
Concen: 1.744 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

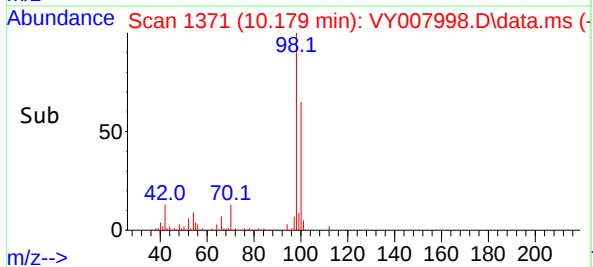
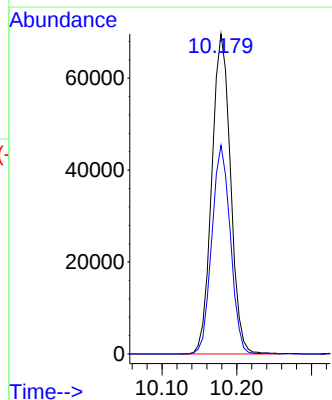
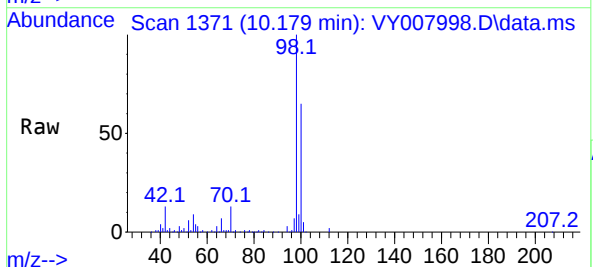
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ClientSampleId :
UST-7-NORTH-SIDEWALLRE

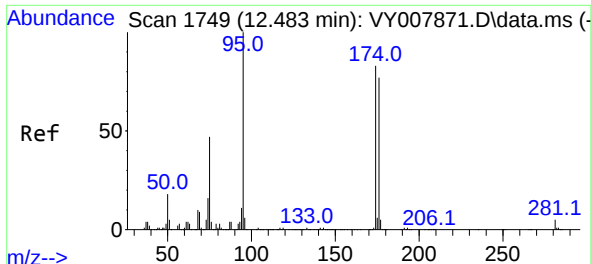
Tgt Ion:130 Resp: 1468
Ion Ratio Lower Upper
130 100
95 87.2 0.0 188.2



#50
Toluene-d8
Concen: 58.083 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

Tgt Ion: 98 Resp: 121172
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

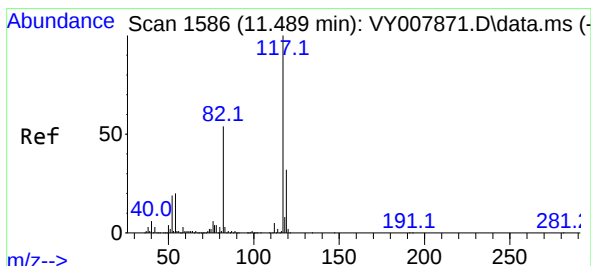
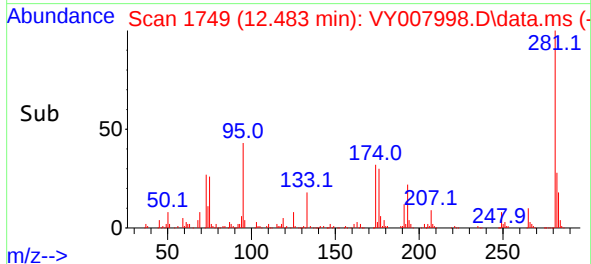
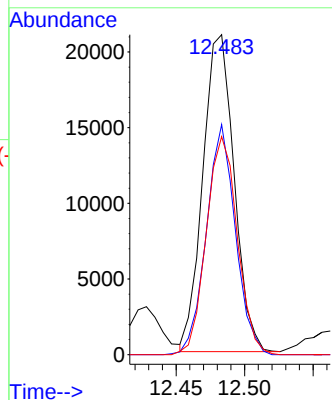
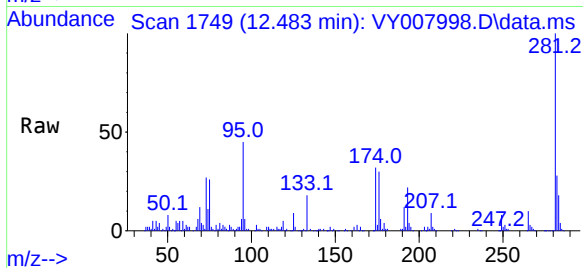




#62
4-Bromofluorobenzene
Concen: 33.034 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

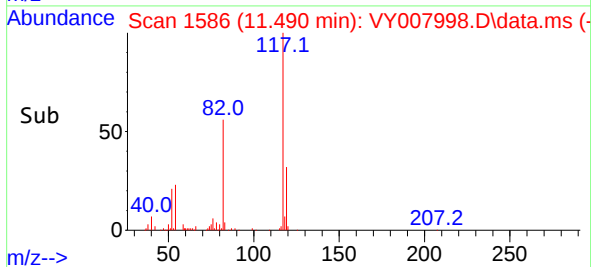
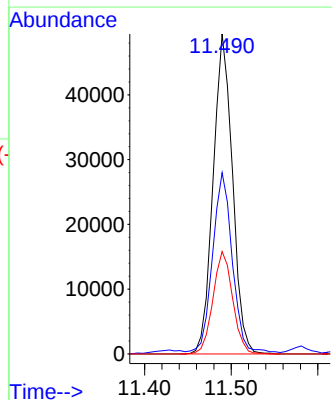
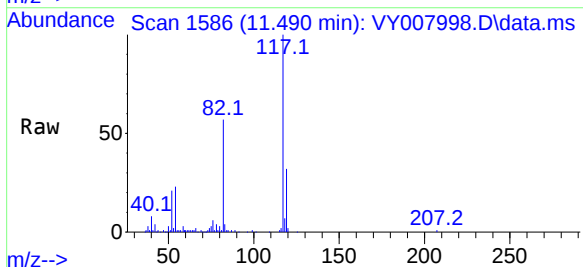
Instrument :
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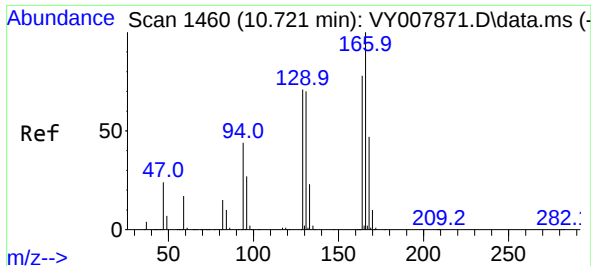
Tgt Ion: 95 Resp: 33301
Ion Ratio Lower Upper
95 100
174 67.4 0.0 177.0
176 68.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

Tgt Ion: 117 Resp: 76687
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.0 25.4 38.0



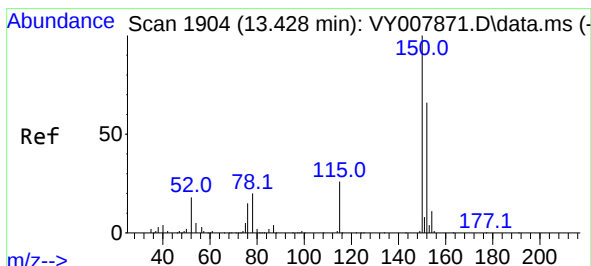
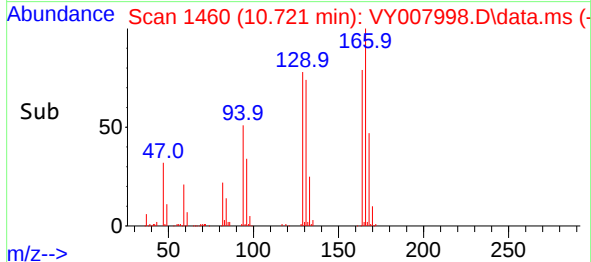
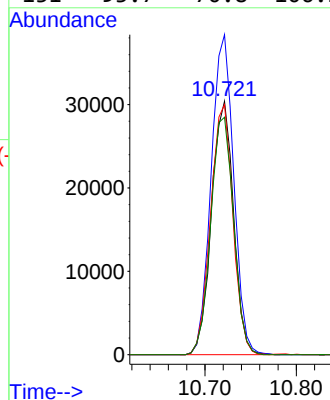
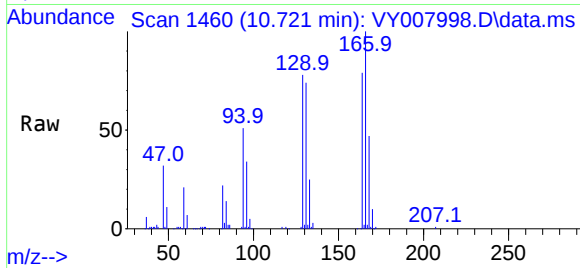


#64
Tetrachloroethene
Concen: 85.518 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 51033

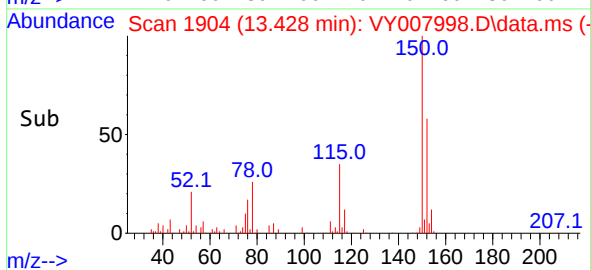
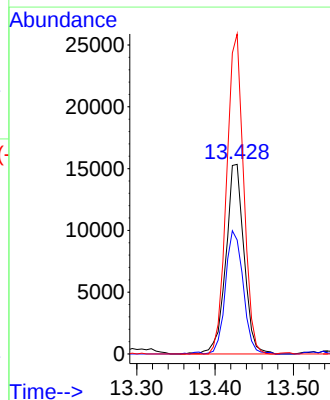
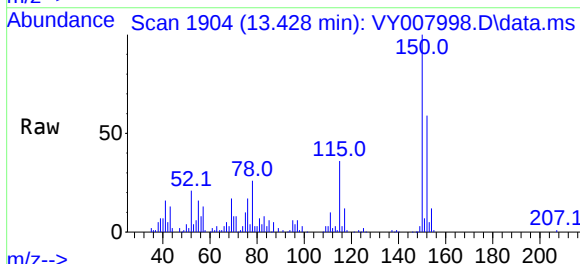
Ion	Ratio	Lower	Upper
164	100		
166	126.2	100.4	150.6
129	98.7	71.4	107.0
131	93.7	70.8	106.2

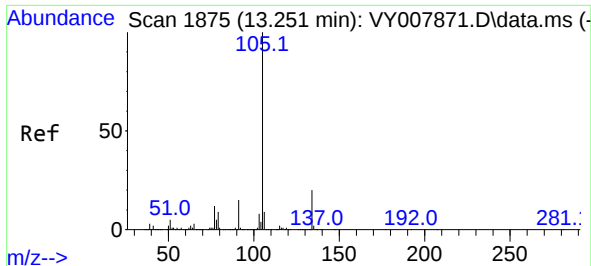


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007998.D
Acq: 22 Mar 2022 14:21

Tgt Ion:152 Resp: 24751

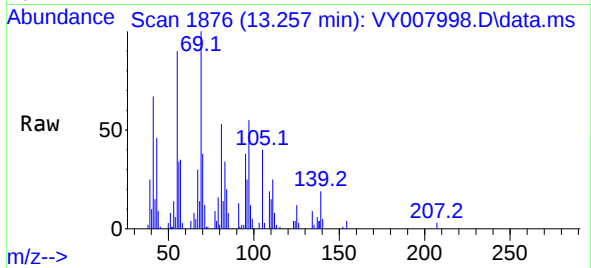
Ion	Ratio	Lower	Upper
152	100		
115	63.2	28.2	84.7
150	157.4	0.0	347.6





#85
 sec-Butylbenzene
 Concen: 1.711 ug/l
 RT: 13.257 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY007998.D
 Acq: 22 Mar 2022 14:21

Instrument :
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 ClientSampleId :
 UST-7-NORTH-SIDEWALLRE



Tgt Ion:105 Resp: 4112
 Ion Ratio Lower Upper
 105 100
 134 31.6 10.2 30.4#

