

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008319.D
 Acq On : 13 Apr 2022 17:47
 Operator : KP/MD
 Sample : N2368-01
 Misc : 3.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E14ST-EB3-041122-0-2

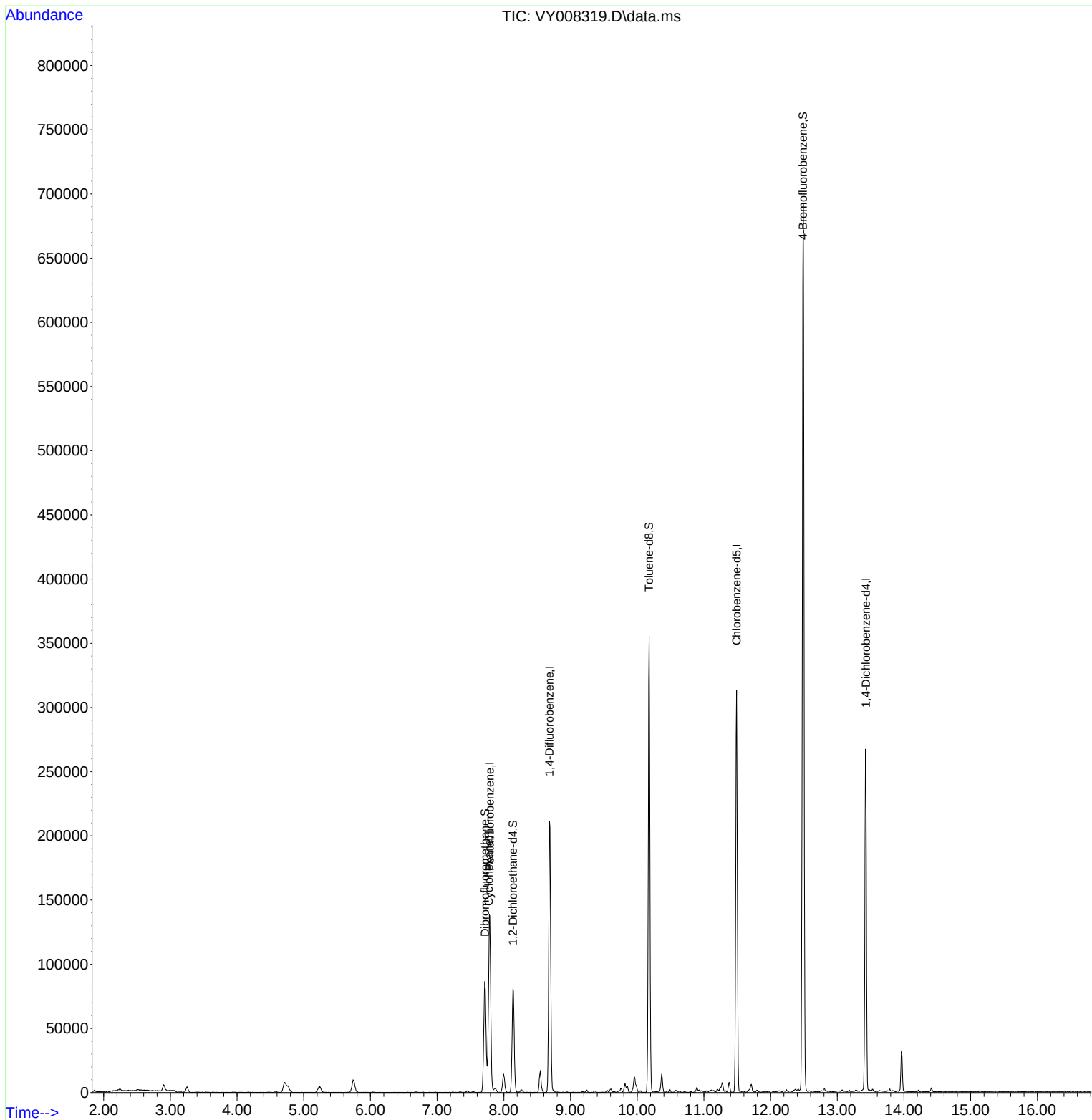
Quant Time: Apr 14 05:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

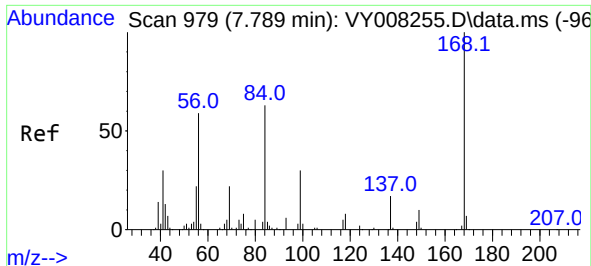
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	105914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	193794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61682	62.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.000%	
35) Dibromofluoromethane	7.716	113	61417	54.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.179	98	233442	60.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.900%	
62) 4-Bromofluorobenzene	12.483	95	76522	53.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.240%	
Target Compounds						
31) Cyclohexane	7.777	56	3661	2.035	ug/l	Qvalue # 21

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

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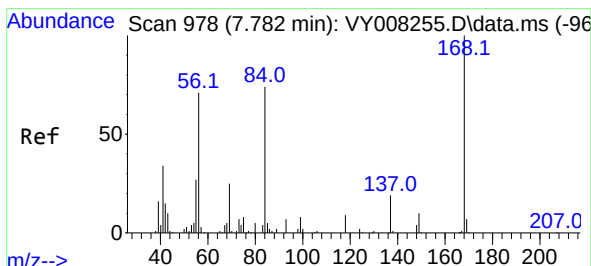
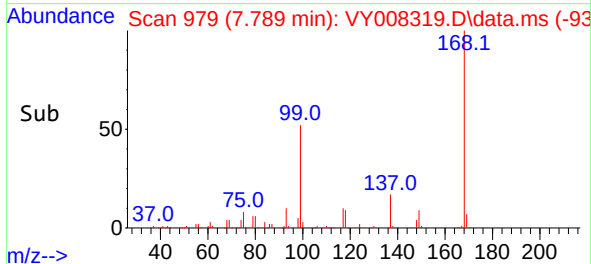
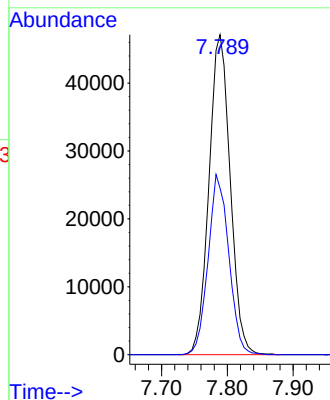
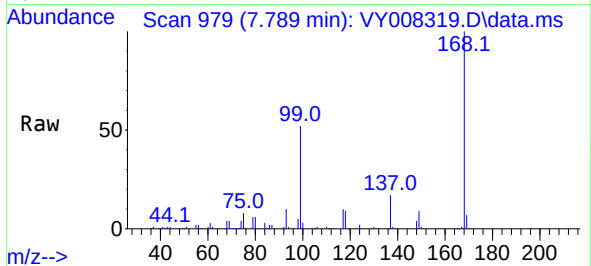




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

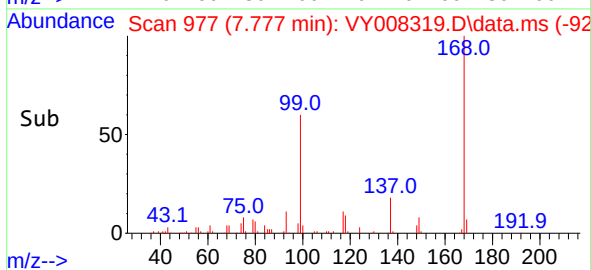
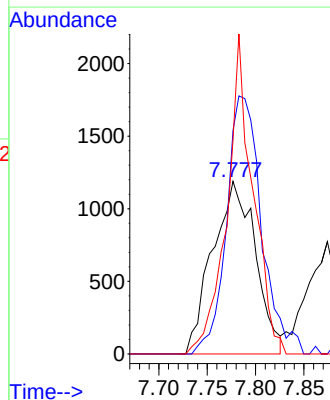
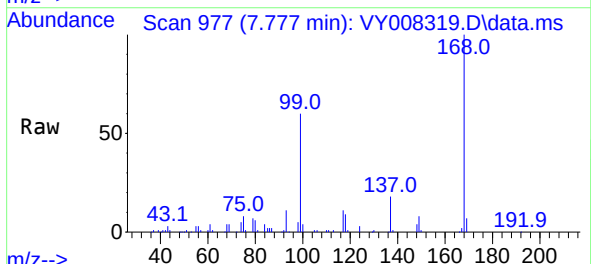
Instrument :
MSVOA_Y
ClientSampleId :
E14ST-EB3-041122-0-2

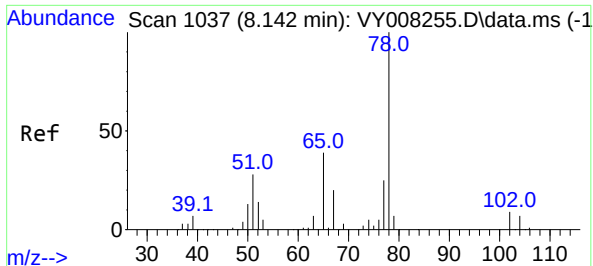
Tgt Ion:168 Resp: 105914
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#31
Cyclohexane
Concen: 2.035 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.005 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

Tgt Ion: 56 Resp: 3661
Ion Ratio Lower Upper
56 100
69 129.4 26.7 40.1#
84 123.7 67.2 100.8#

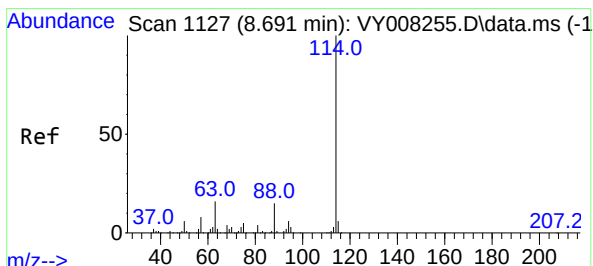
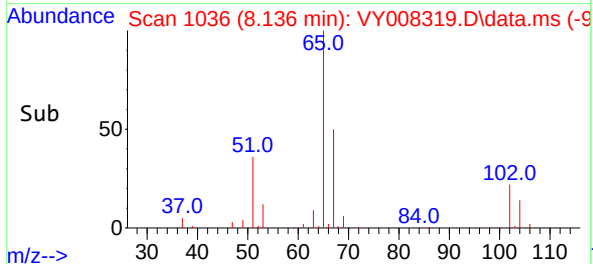
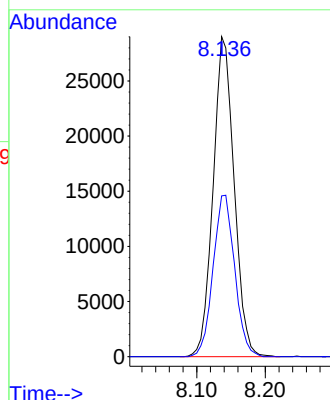
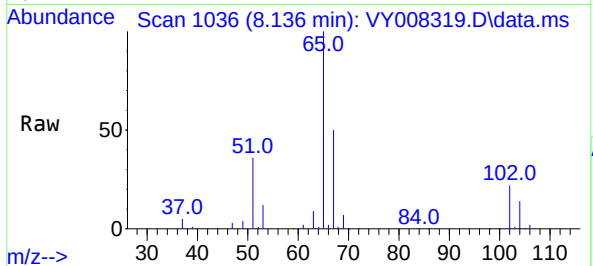




#33
1,2-Dichloroethane-d4
Concen: 62.000 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008319.D
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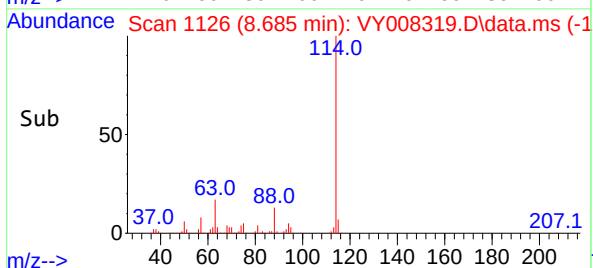
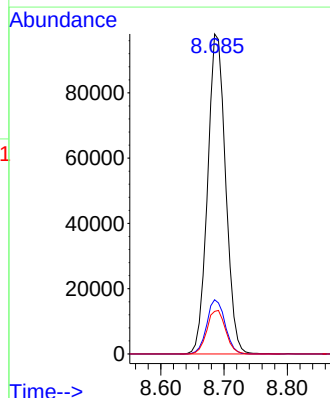
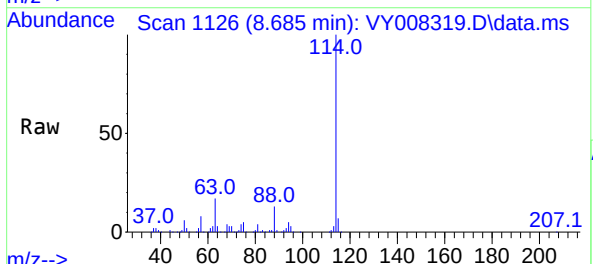
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ClientSampleId :
E14ST-EB3-041122-0-2

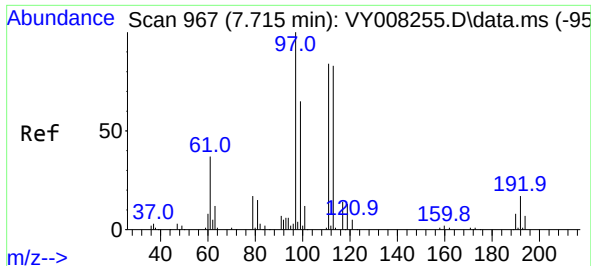
Tgt Ion: 65 Resp: 61682
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

Tgt Ion: 114 Resp: 193794
Ion Ratio Lower Upper
114 100
63 16.9 0.0 43.2
88 13.3 0.0 31.8

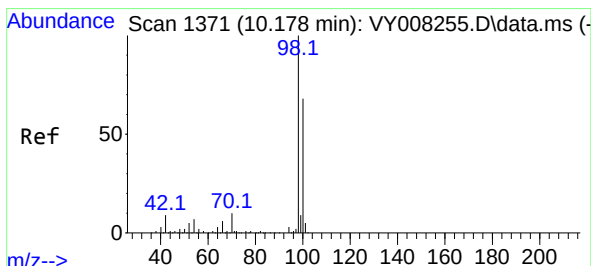
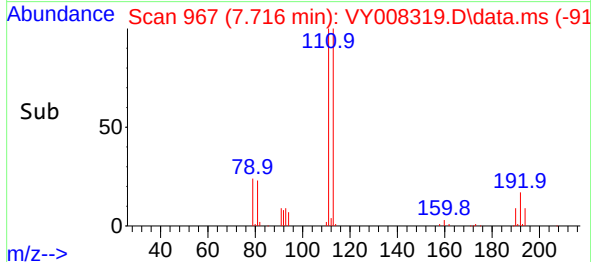
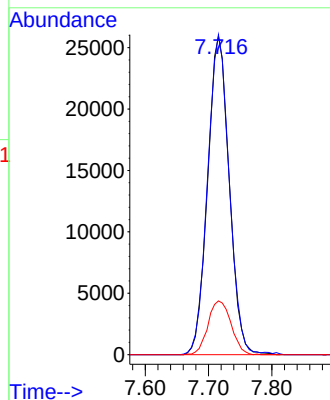
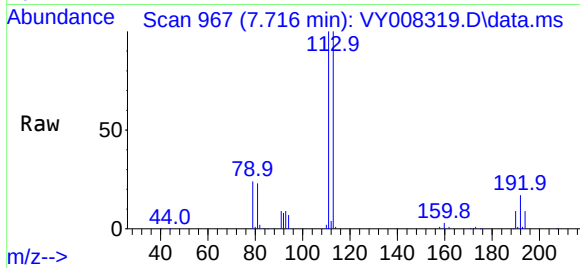




#35
Dibromofluoromethane
Concen: 54.870 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

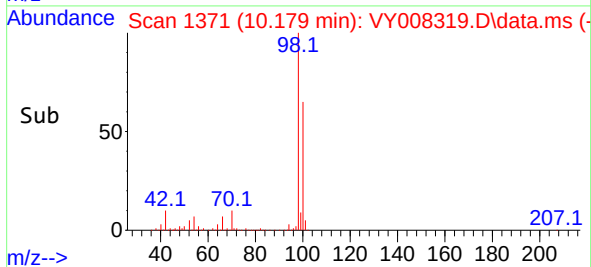
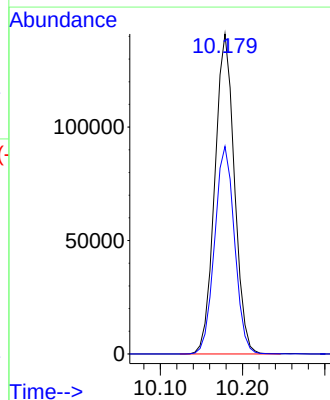
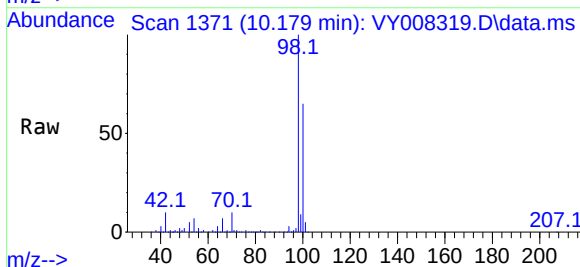
Instrument :
MSVOA_Y
ClientSampleId :
E14ST-EB3-041122-0-2

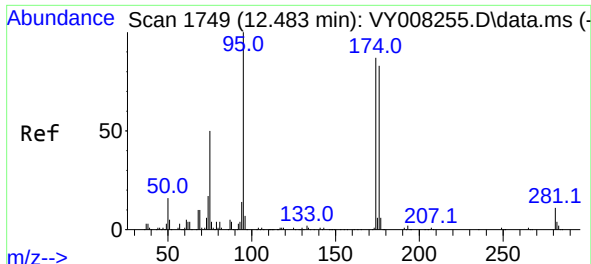
Tgt Ion:113 Resp: 61417
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 18.1 17.6 26.4



#50
Toluene-d8
Concen: 60.949 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

Tgt Ion: 98 Resp: 233442
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

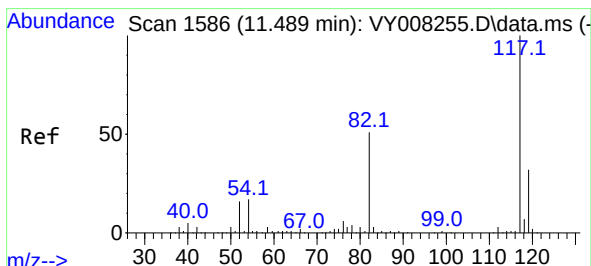
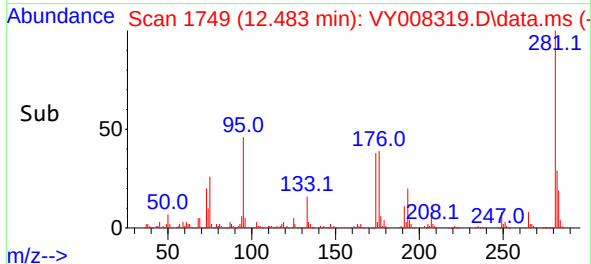
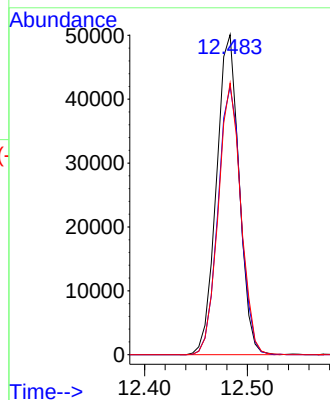
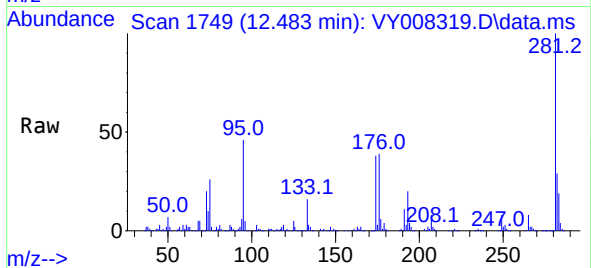




#62
4-Bromofluorobenzene
Concen: 53.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

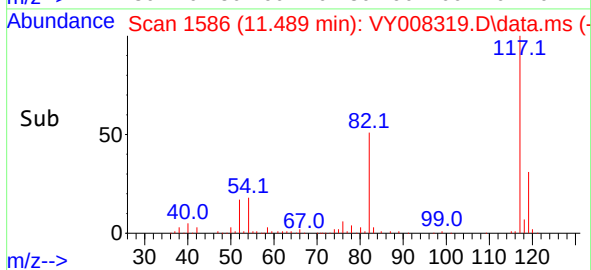
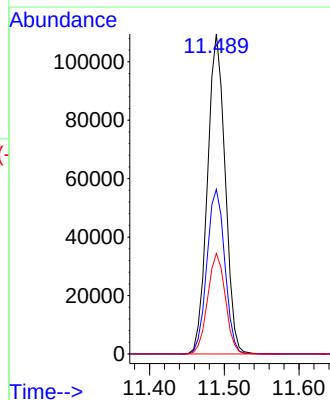
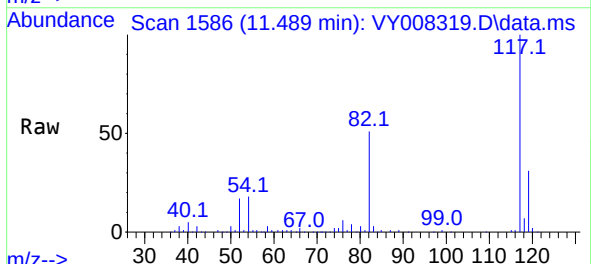
Instrument :
MSVOA_Y
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E14ST-EB3-041122-0-2

Tgt Ion:	95	Resp:	76522
Ion Ratio	Lower	Upper	
95	100		
174	84.7	0.0	177.0
176	84.6	0.0	175.8

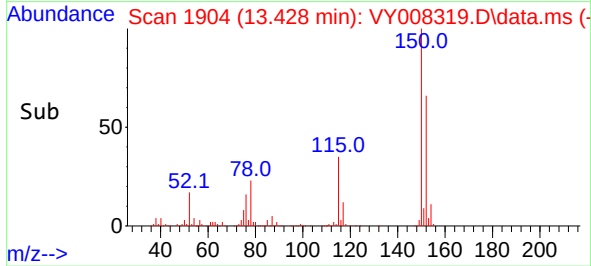
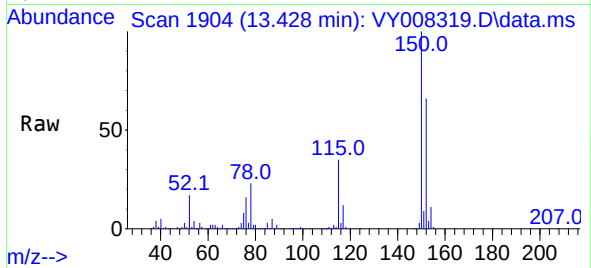
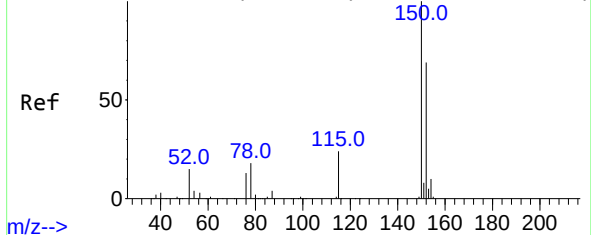


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

Tgt Ion:	117	Resp:	179483
Ion Ratio	Lower	Upper	
117	100		
82	51.5	43.0	64.4
119	31.4	25.4	38.0



Abundance Scan 1904 (13.428 min): VY008255.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008319.D
Acq: 13 Apr 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion	Resp	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	155.0	0.0	347.6

