Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
Data File : VY005430.D
Acq On : 23 Jul 2021 20:55
Operator : SY/MD
Sample : M3159-03
Misc : 8.38G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 20210731-58

Quant Time: Jul 24 03:03:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	231882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	356419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	162171	65.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.92%			
35) Dibromofluoromethane	7.728	113	124714	60.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.22%			
50) Toluene-d8	10.185	98	457534	52.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.92%			
62) 4-Bromofluorobenzene	12.483	95	175434	60.95	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.90%			
Target Compounds						Qvalue
13) Acrolein	3.747	56	4335	20.23	ug/l #	40
16) Acetone	3.960	43	220423	389.62	ug/l	100
17) Carbon Disulfide	4.204	76	93566	12.76	ug/l	100
18) Methyl Acetate	4.497	43	2406	1.51	ug/l #	90
25) 2-Butanone	7.003	43	72285	85.32	ug/l	94

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

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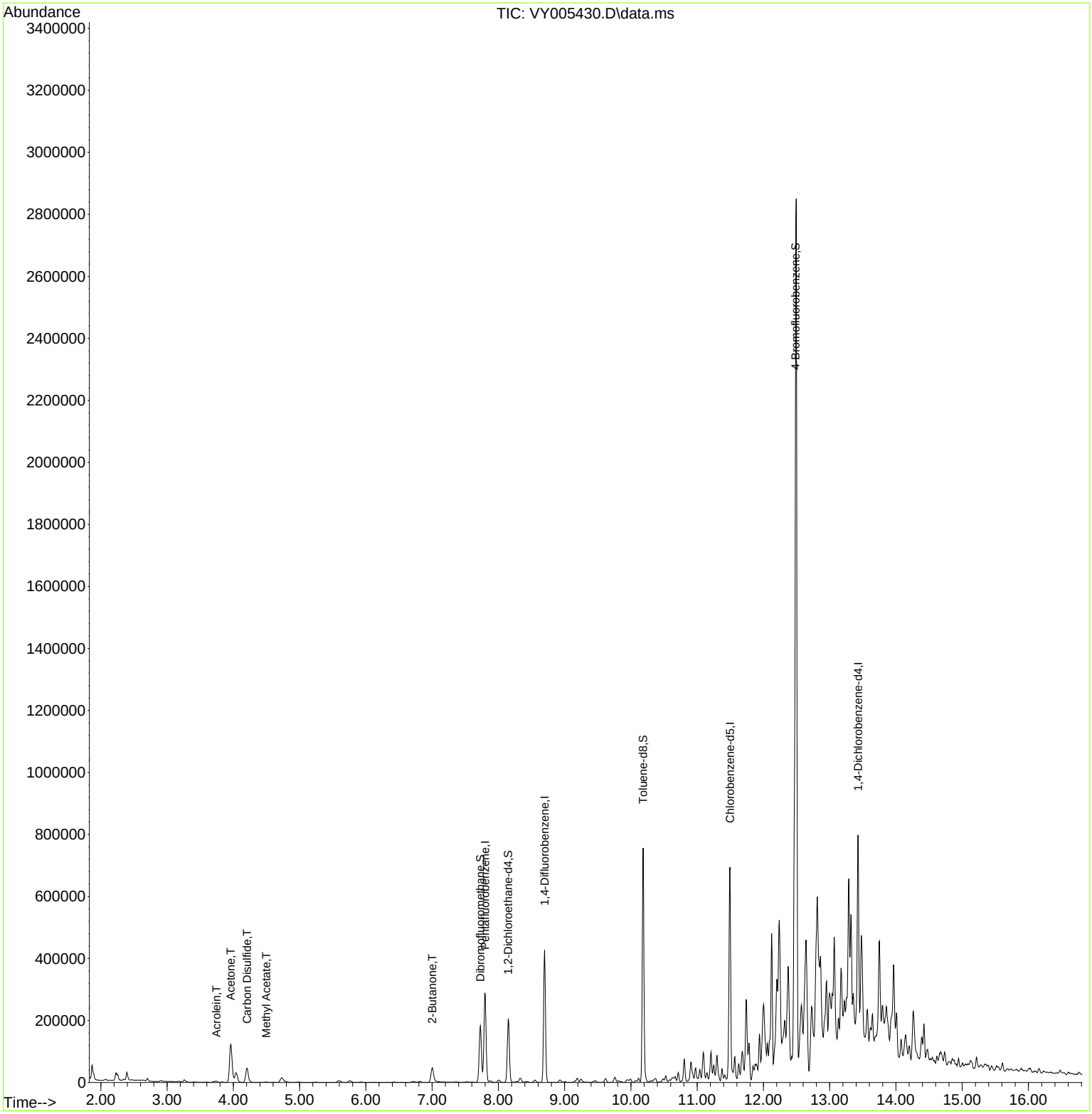
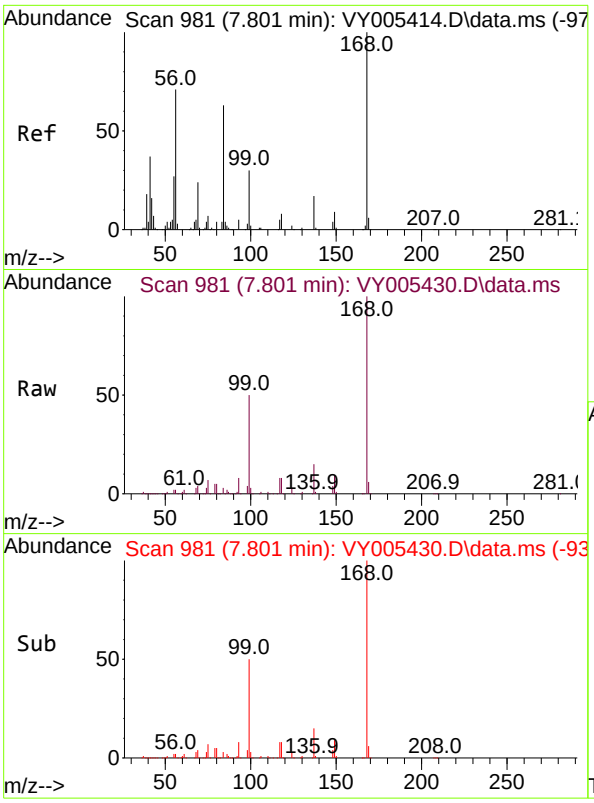
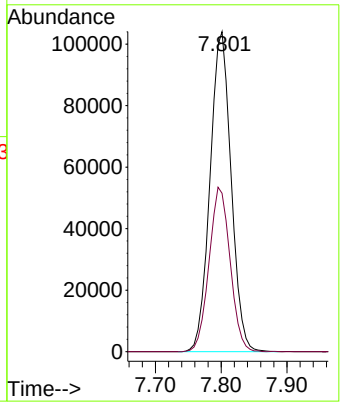




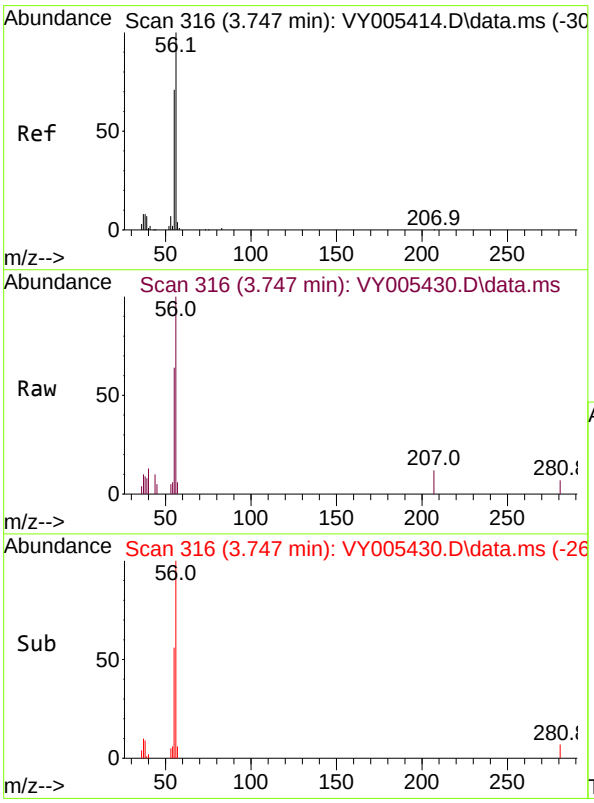
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion:168 Resp: 231882

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.8	59.6



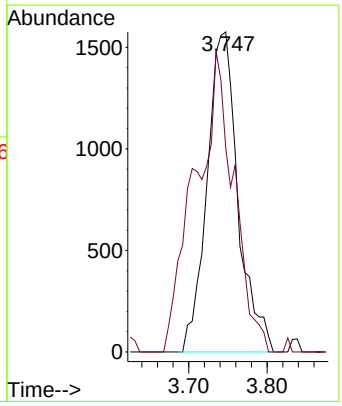
Instrument :
MSVOA_Y
ClientSampleId :
20210731-58

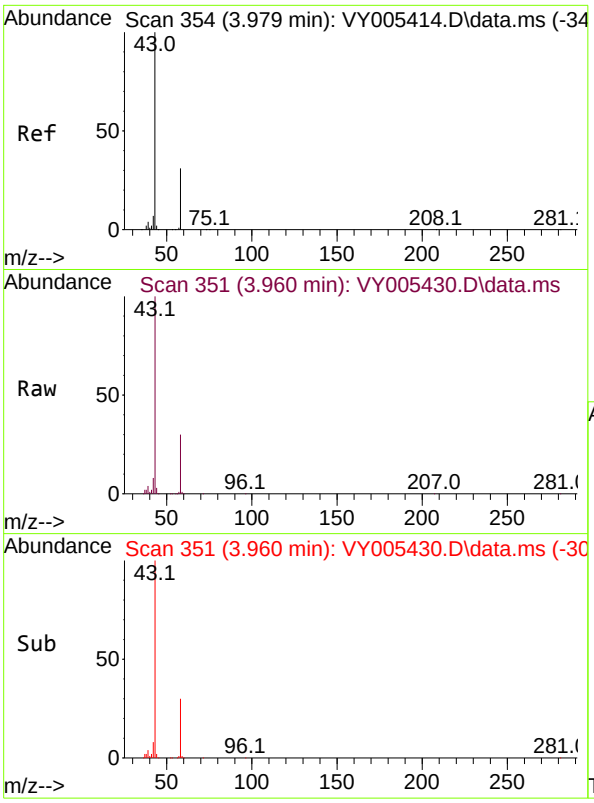


#13
Acrolein
Concen: 20.23 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 56 Resp: 4335

Ion	Ratio	Lower	Upper
56	100		
55	117.5	55.2	82.8#

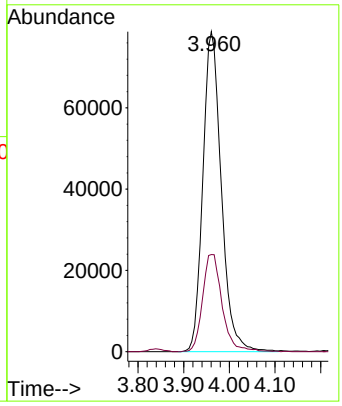




#16
Acetone
Concen: 389.62 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 43 Resp: 220423

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7



Instrument :
MSVOA_Y
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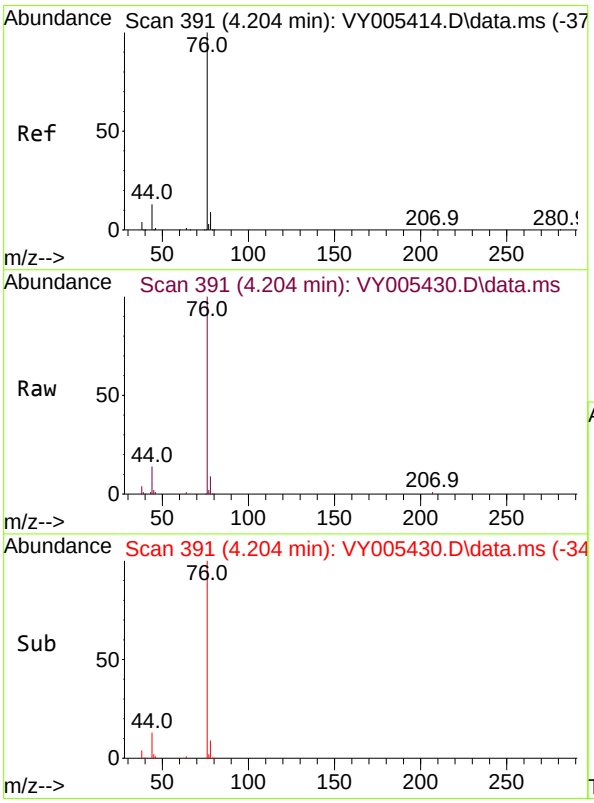
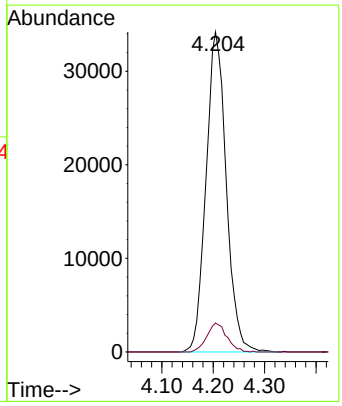


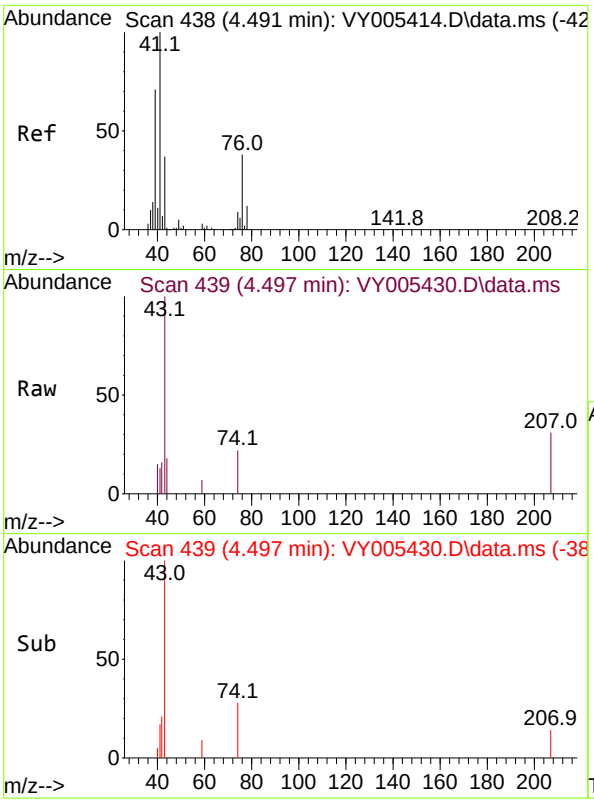
#17
Carbon Disulfide
Concen: 12.76 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 76 Resp: 93566

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9



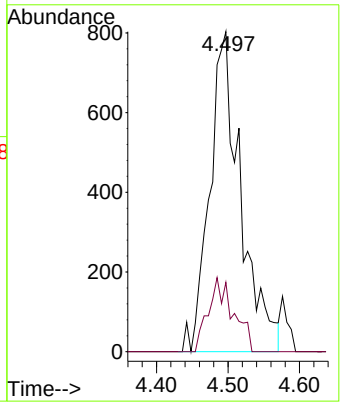
Instrument :
MSVOA_Y
ClientSampleId :
20210731-58

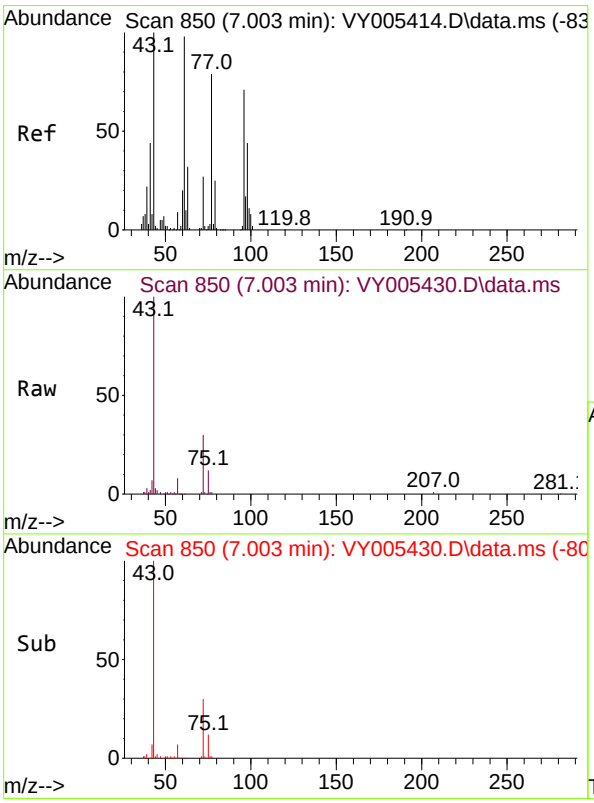


#18
Methyl Acetate
Concen: 1.51 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 43 Resp: 2406

Ion	Ratio	Lower	Upper
43	100		
74	19.0	19.2	28.8#

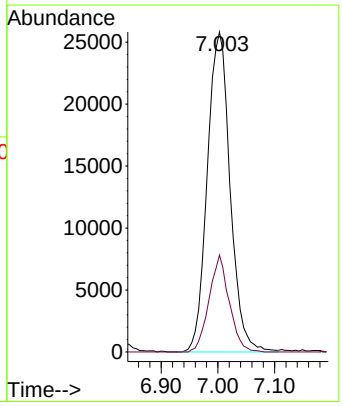


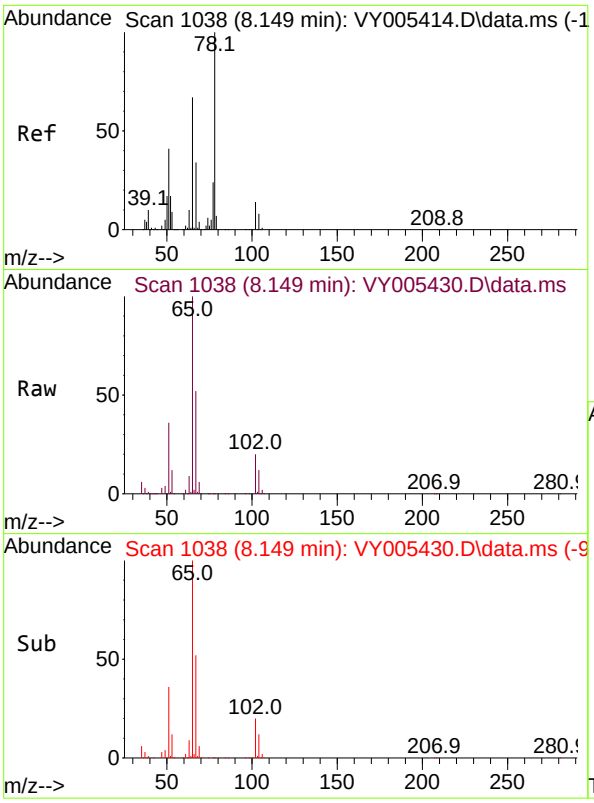


#25
2-Butanone
Concen: 85.32 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 43 Resp: 72285

Ion	Ratio	Lower	Upper
43	100		
72	30.3	21.9	32.9

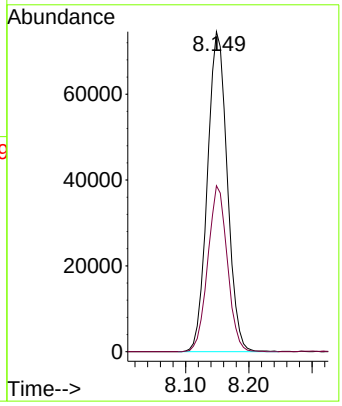




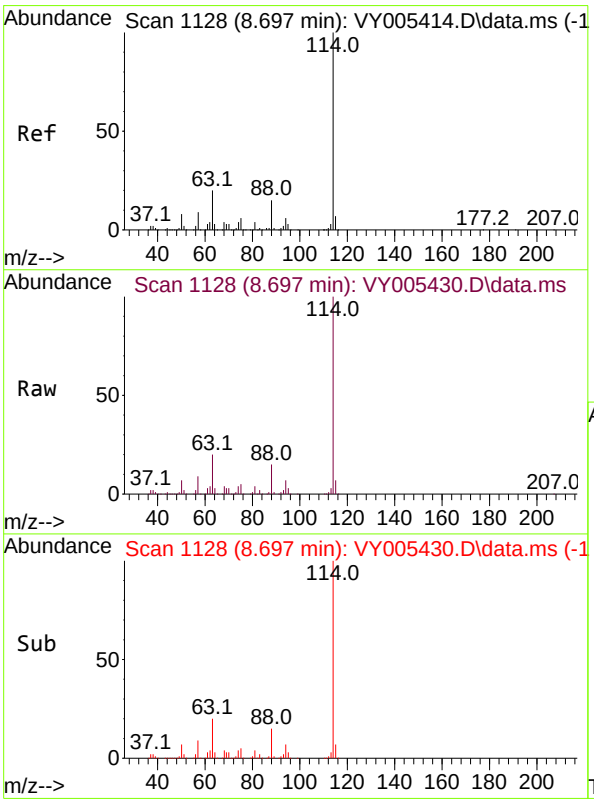
#33
1,2-Dichloroethane-d4
Concen: 65.46 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 65 Resp: 162171

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.2



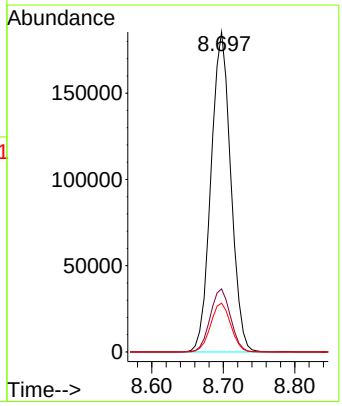
Instrument :
MSVOA_Y
ClientSampleId :
20210731-58



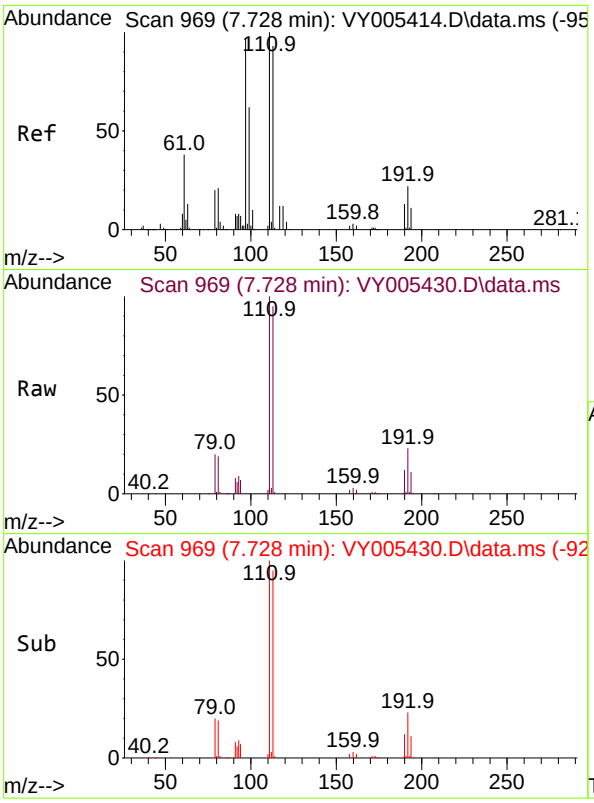
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion:114 Resp: 356384

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.3	0.0	30.8



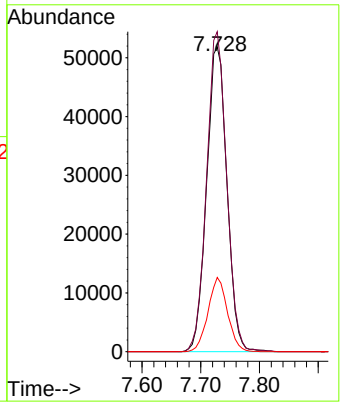
Instrument :
MSVOA_Y
ClientSampleId :
20210731-58

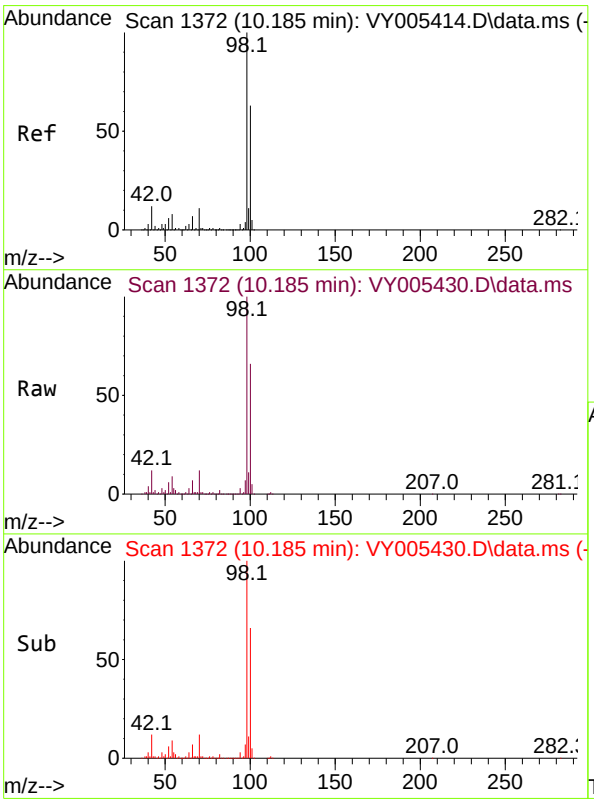


#35
Dibromofluoromethane
Concen: 60.61 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion:113 Resp: 124714

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	23.3	18.9	28.3

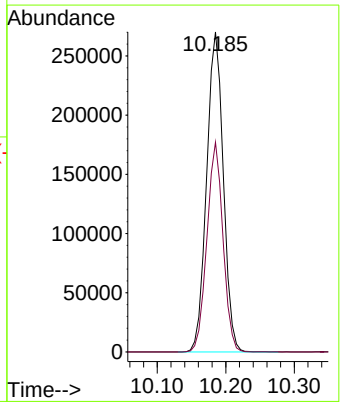


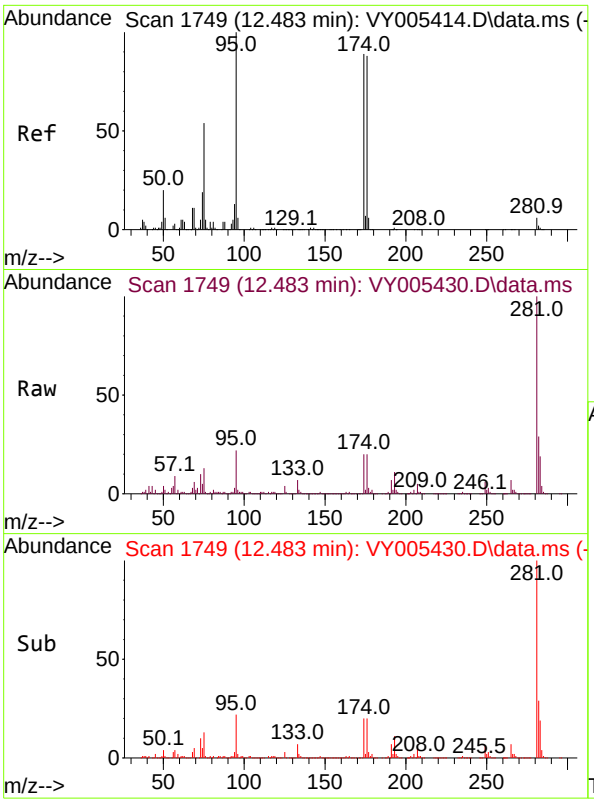


#50
Toluene-d8
Concen: 52.46 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 98 Resp: 457534

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3

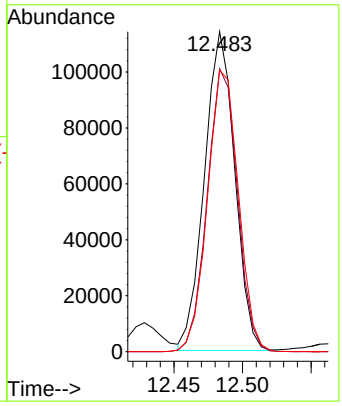




#62
4-Bromofluorobenzene
Concen: 60.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion: 95 Resp: 175434

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	186.6
176	90.0	0.0	182.4



Instrument :
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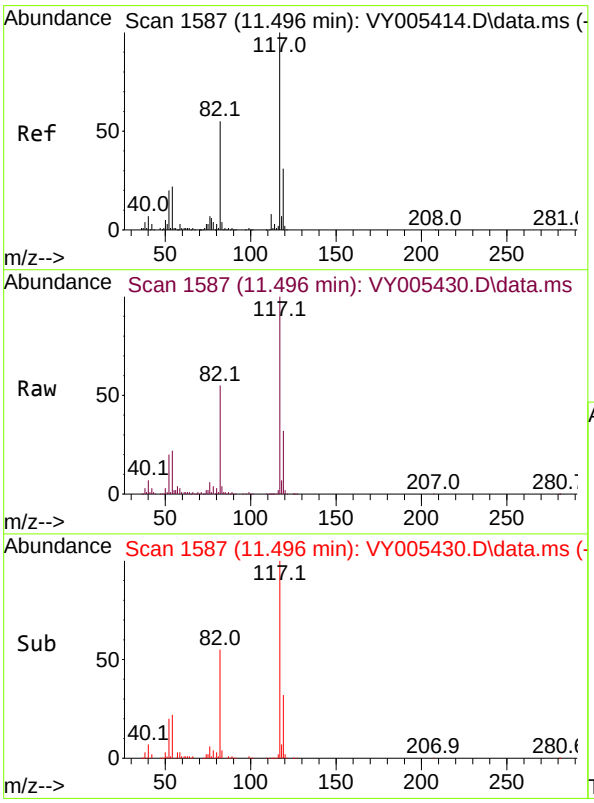
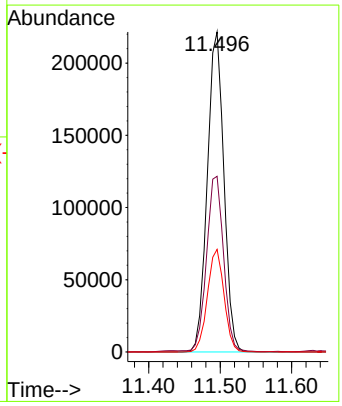
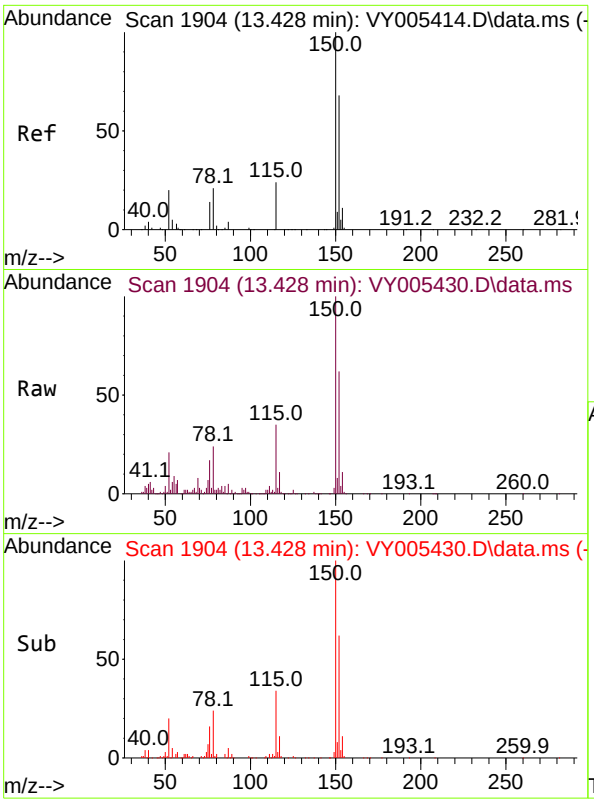


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion:117 Resp: 356419

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	32.0	24.8	37.2

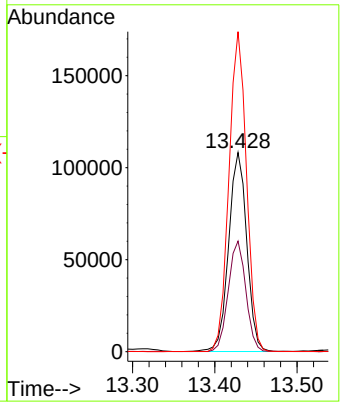




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005430.D
Acq: 23 Jul 2021 20:55

Tgt Ion:152 Resp: 165605

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.7	83.1
150	155.3	0.0	349.6



Instrument :
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ClientSampleId :
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