Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
Data File : VY005449.D
Acq On : 26 Jul 2021 16:58
Operator : SY/MD
Sample : M3151-02
Misc : 5.11G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : COMP-2

Quant Time: Jul 27 03:11:19 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	7.795	168	201556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	348323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127844	59.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.740%			
35) Dibromofluoromethane	7.728	113	104933	52.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.185	98	439665	51.929	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.483	95	154990	55.465	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.940%			
Target Compounds						Qvalue
13) Acrolein	3.741	56	1510	8.106	ug/l	94
16) Acetone	3.960	43	57881	117.704	ug/l	96
18) Methyl Acetate	4.491	43	2445	1.769	ug/l	97
20) Methylene Chloride	4.728	84	23615	7.291	ug/l	98
25) 2-Butanone	7.002	43	13612	18.484	ug/l	99

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

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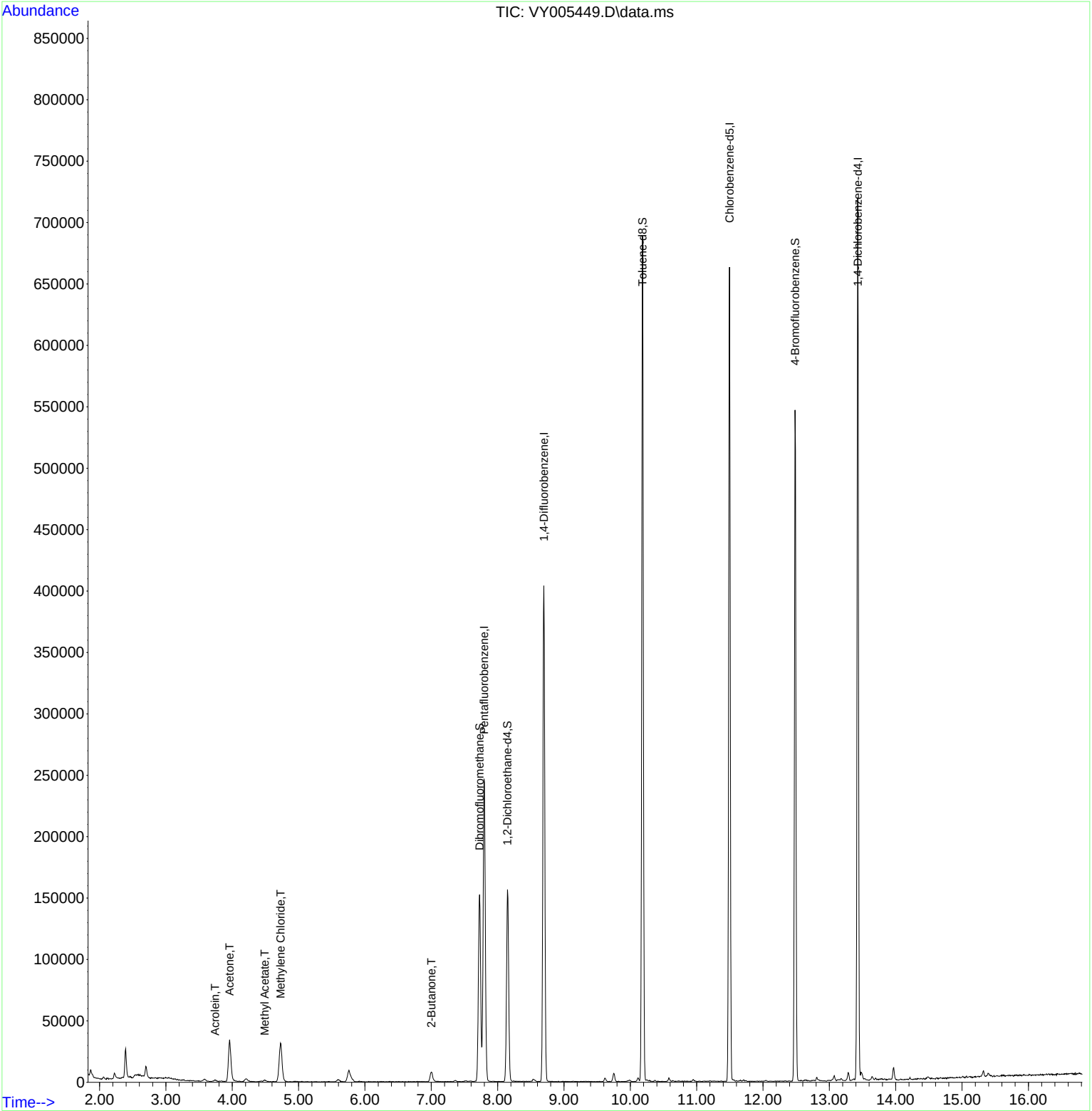
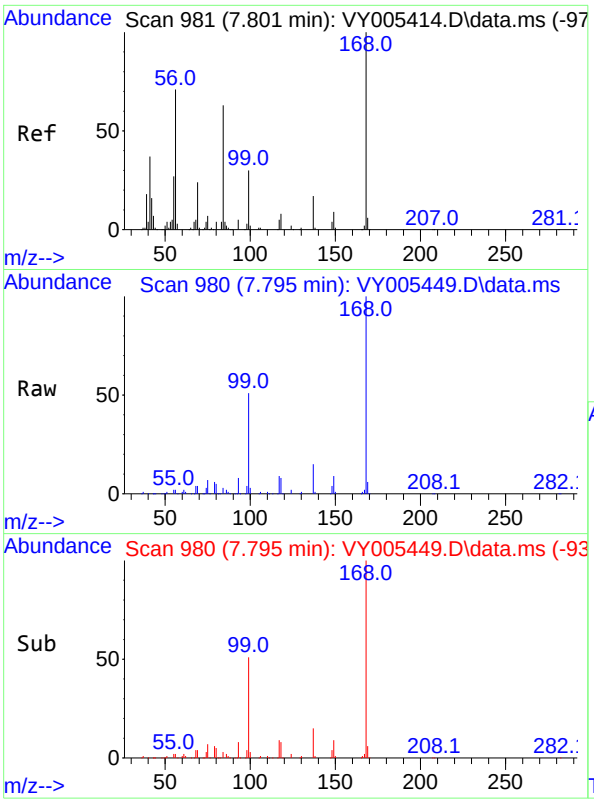


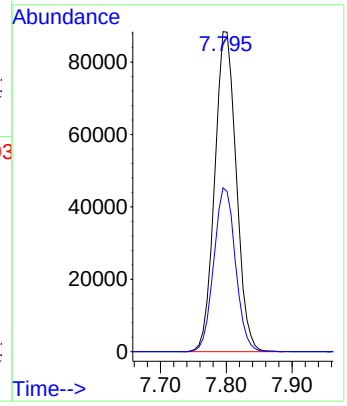
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

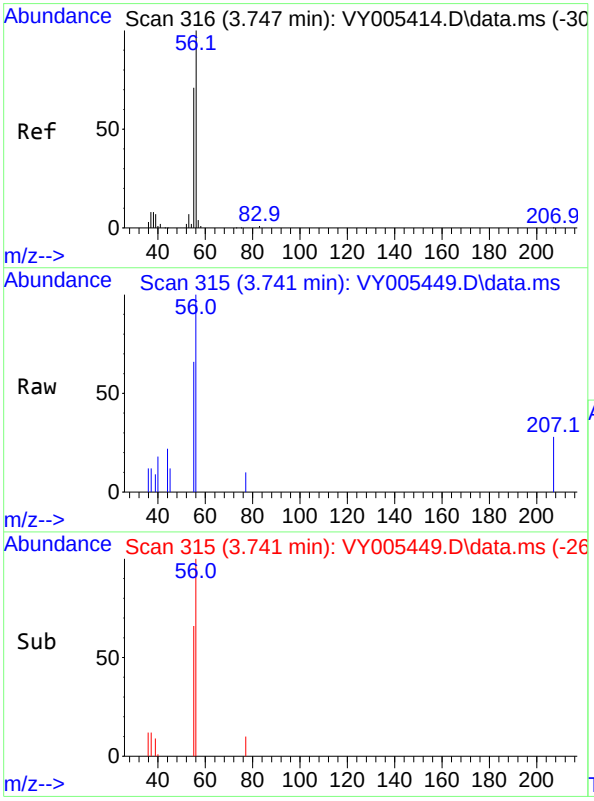


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion:168 Resp: 201556

Ion	Ratio	Lower	Upper
168	100		
99	51.2	39.8	59.6

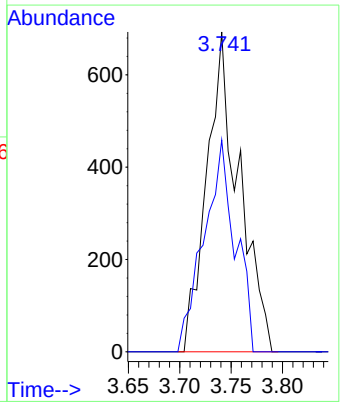




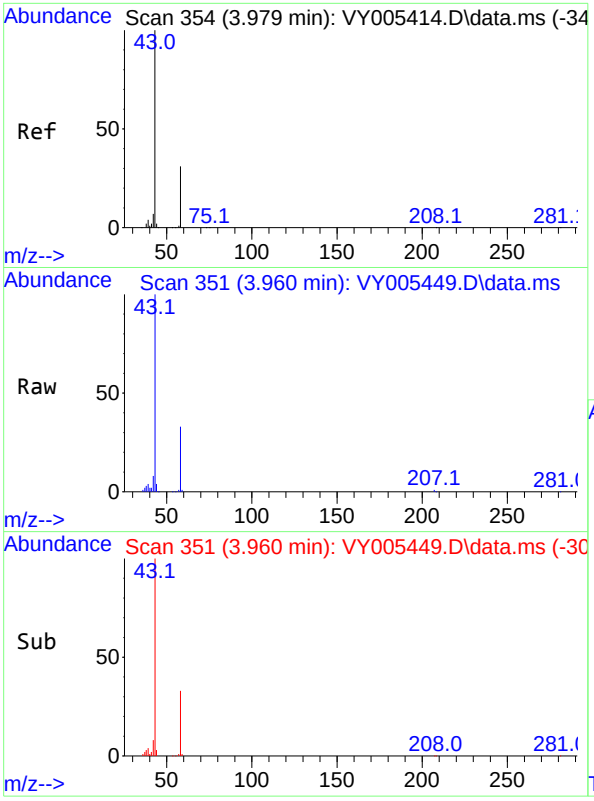
#13
Acrolein
Concen: 8.106 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 56 Resp: 1510

Ion	Ratio	Lower	Upper
56	100		
55	64.2	55.2	82.8



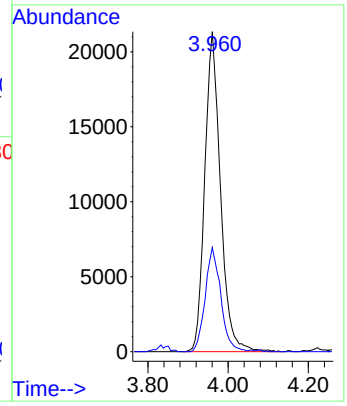
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

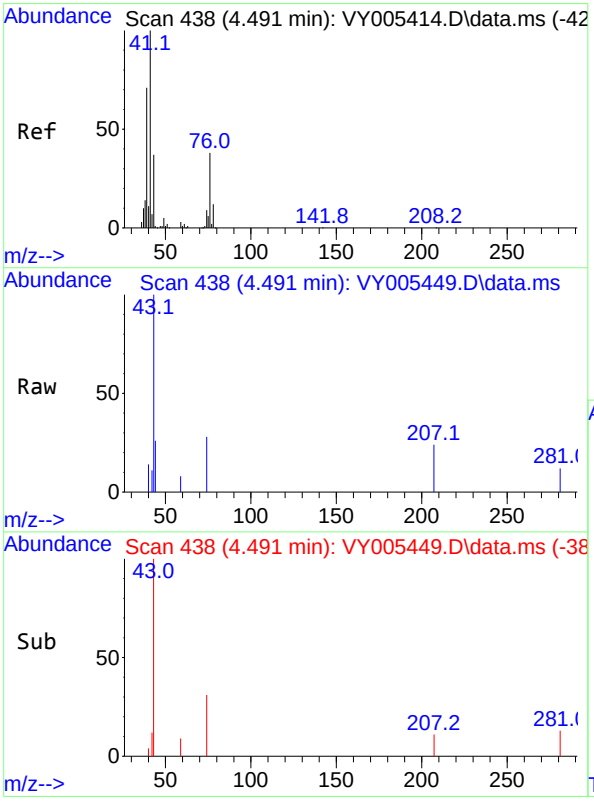


#16
Acetone
Concen: 117.704 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 43 Resp: 57881

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.5	36.7

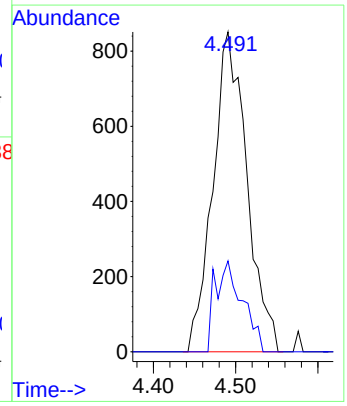




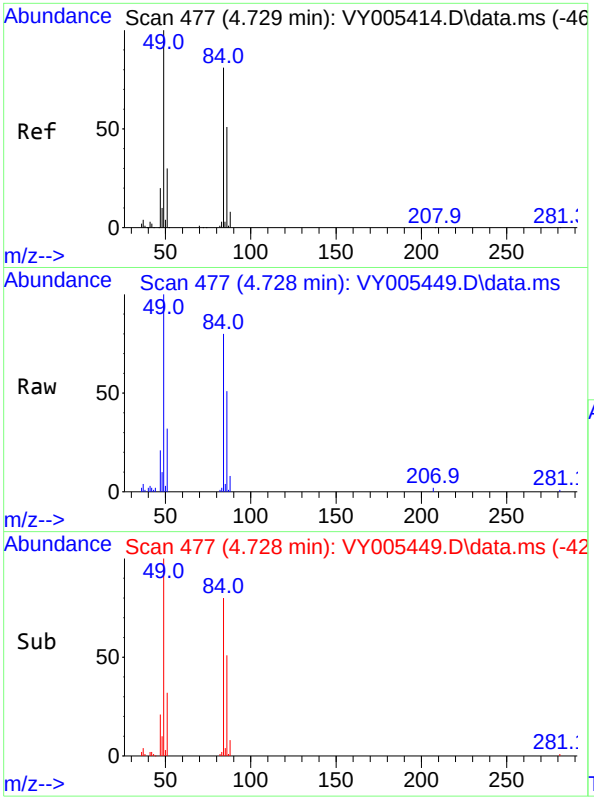
#18
Methyl Acetate
Concen: 1.769 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 43 Resp: 2445

Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.2	28.8



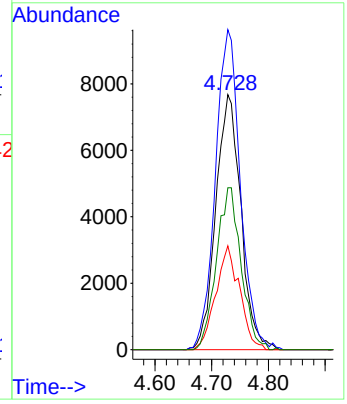
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

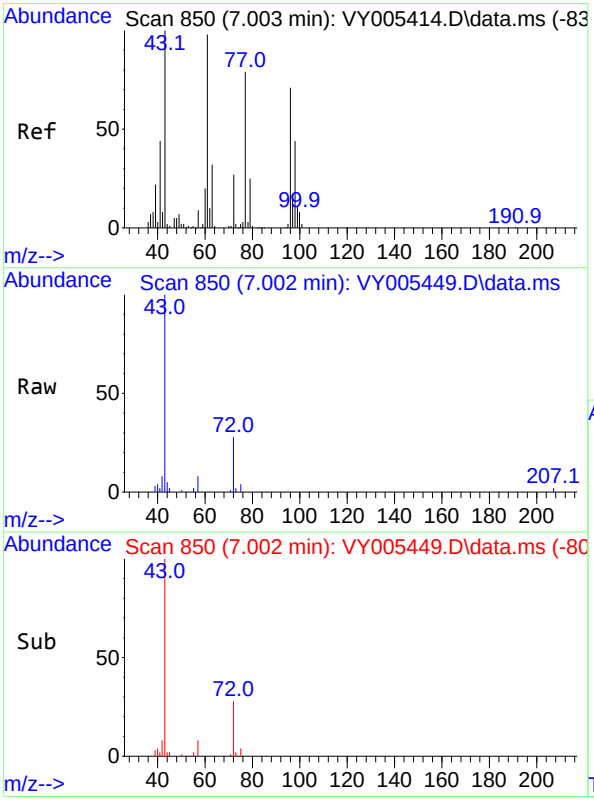


#20
Methylene Chloride
Concen: 7.291 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 84 Resp: 23615

Ion	Ratio	Lower	Upper
84	100		
49	125.5	98.9	148.3
51	40.7	30.0	45.0
86	63.5	50.4	75.6

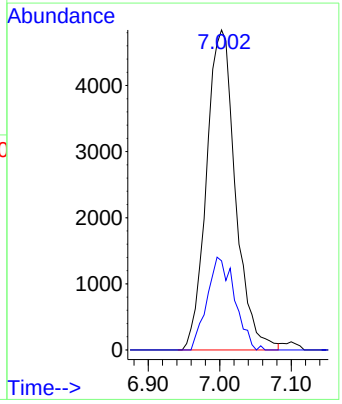




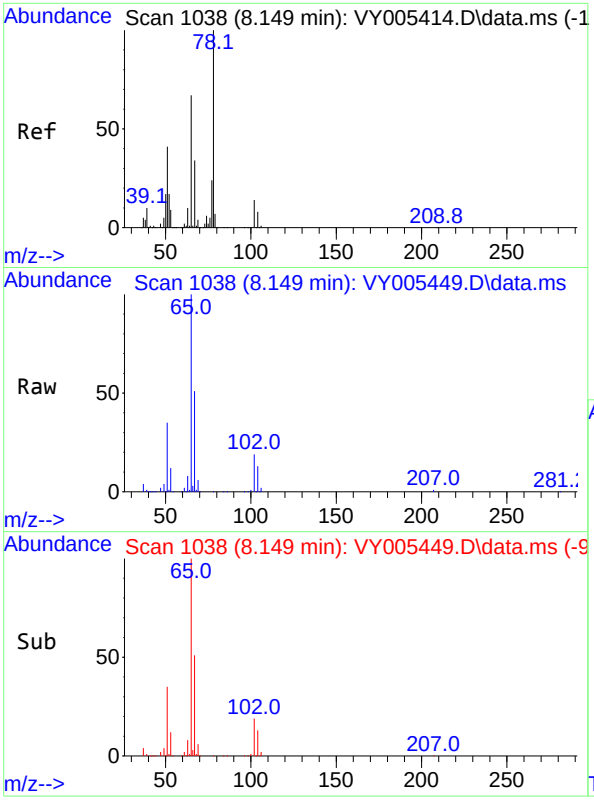
#25
2-Butanone
Concen: 18.484 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 43 Resp: 13612

Ion	Ratio	Lower	Upper
43	100		
72	27.9	21.9	32.9



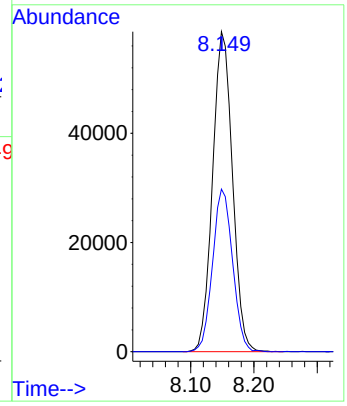
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

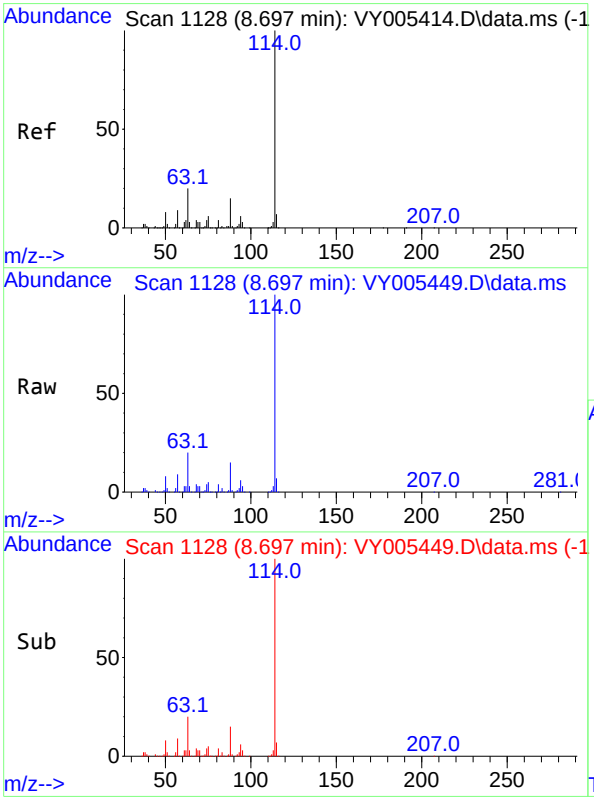


#33
1,2-Dichloroethane-d4
Concen: 59.371 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 65 Resp: 127844

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.2

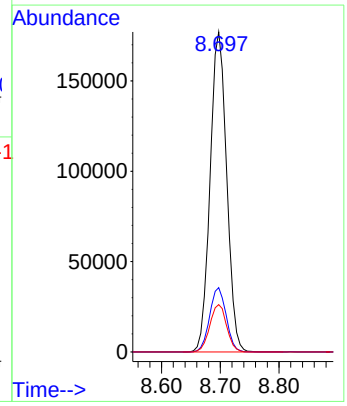


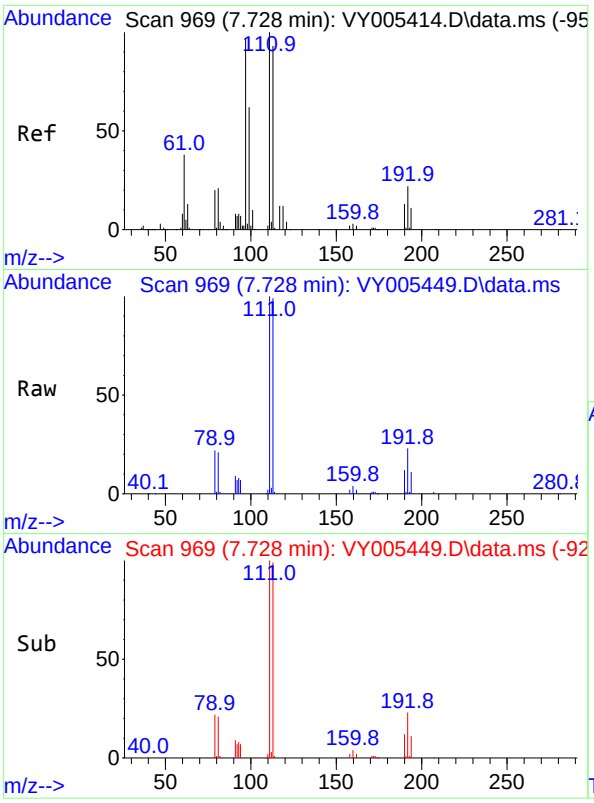


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion:114 Resp: 345962

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	14.8	0.0	30.8

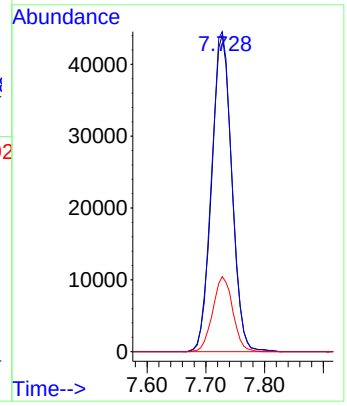




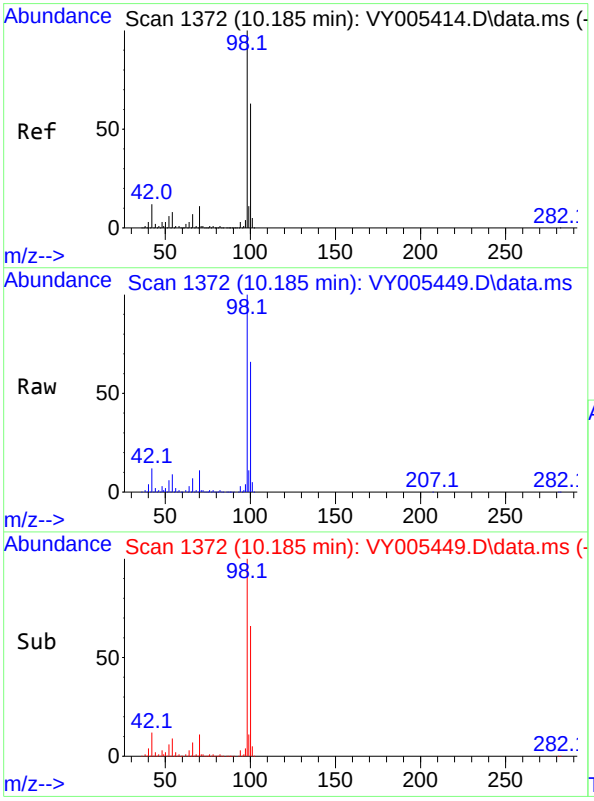
#35
Dibromofluoromethane
Concen: 52.529 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion:113 Resp: 104933

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	23.5	18.9	28.3



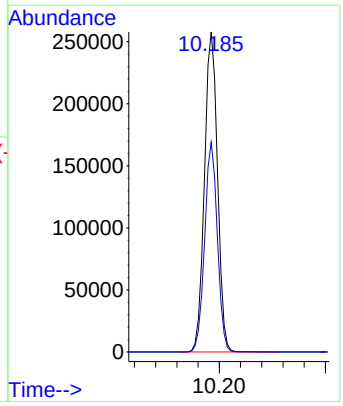
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

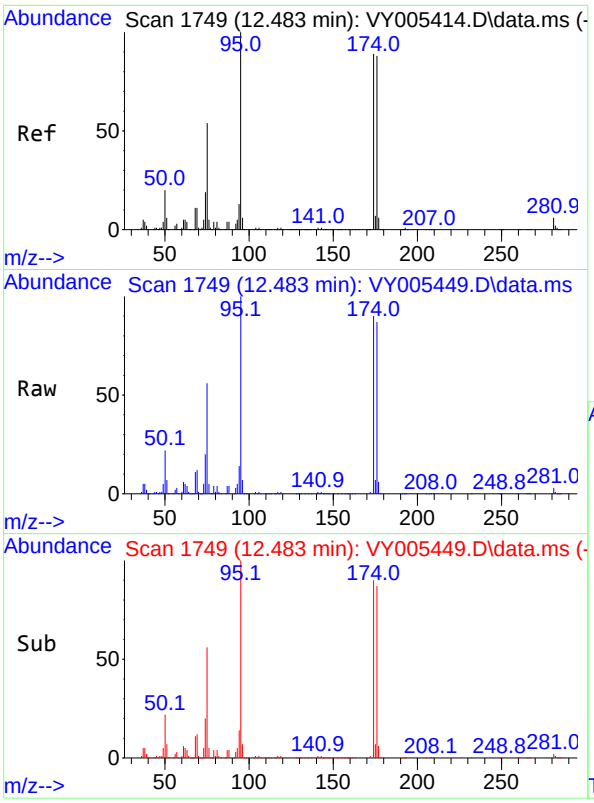


#50
Toluene-d8
Concen: 51.929 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 98 Resp: 439665

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

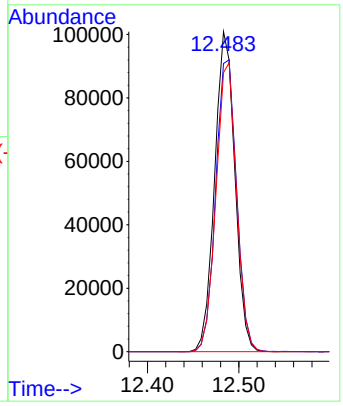




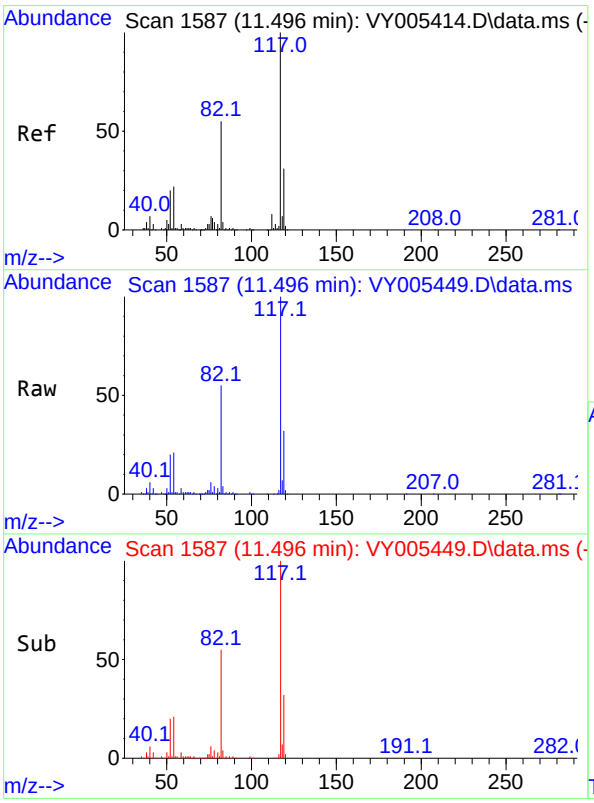
#62
4-Bromofluorobenzene
Concen: 55.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion: 95 Resp: 154990

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	186.6
176	91.6	0.0	182.4



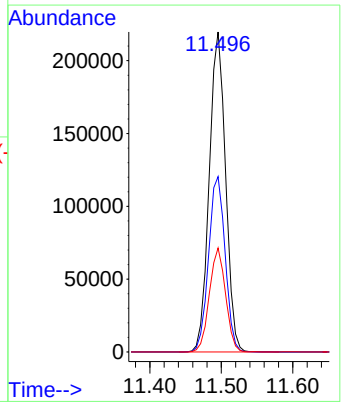
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

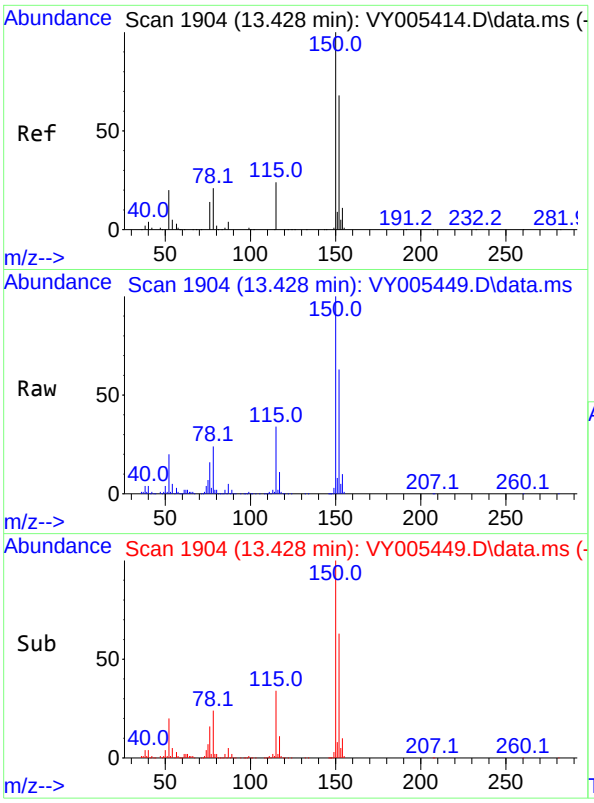


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion:117 Resp: 348323

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.6
119	32.5	24.8	37.2

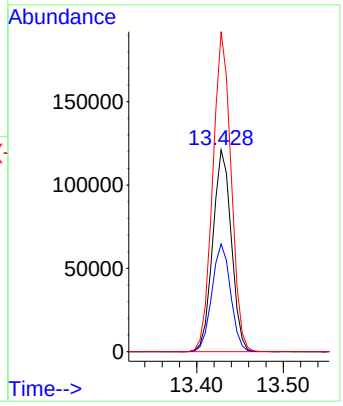




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005449.D
Acq: 26 Jul 2021 16:58

Tgt Ion:152 Resp: 179603

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.7	83.1
150	157.3	0.0	349.6



Instrument :
MSVOA_Y
ClientSampleId :
COMP-2