Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
Data File : VY005819.D
Acq On : 24 Aug 2021 14:00
Operator : SY/MD
Sample : M3463-15
Misc : 4.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SWCS-16-0204

Quant Time: Aug 25 04:29:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	186485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118518	62.785	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.560%			
35) Dibromofluoromethane	7.728	113	98583	54.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.760%			
50) Toluene-d8	10.185	98	418497	55.045	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.080%			
62) 4-Bromofluorobenzene	12.483	95	146738	58.283	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.560%			
Target Compounds						Qvalue
16) Acetone	3.960	43	6694	14.065	ug/l	89
17) Carbon Disulfide	4.204	76	23729	4.790	ug/l	97
39) Methylcyclohexane	9.185	83	6182	1.600	ug/l #	45
64) Tetrachloroethene	10.721	164	3142	1.255	ug/l	97
65) Chlorobenzene	11.520	112	9022	1.363	ug/l	99

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

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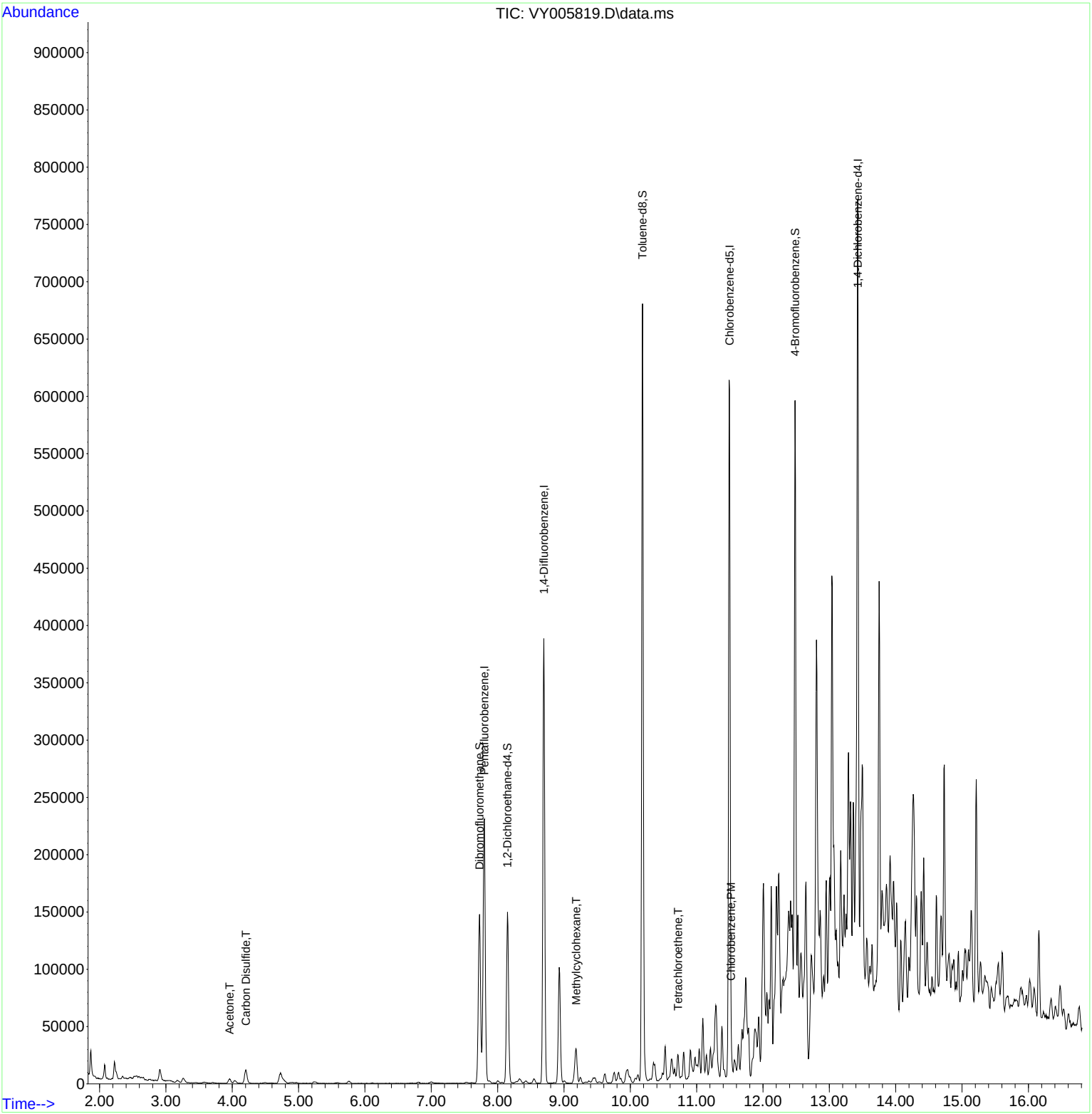

Instrument :
MSVOA_Y
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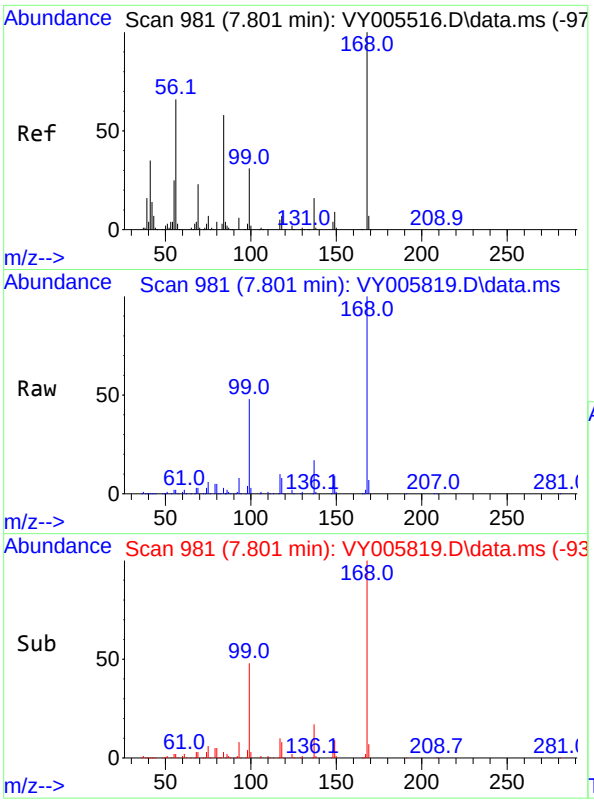
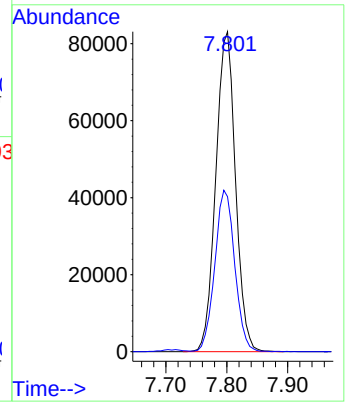
SWCS-16-0204

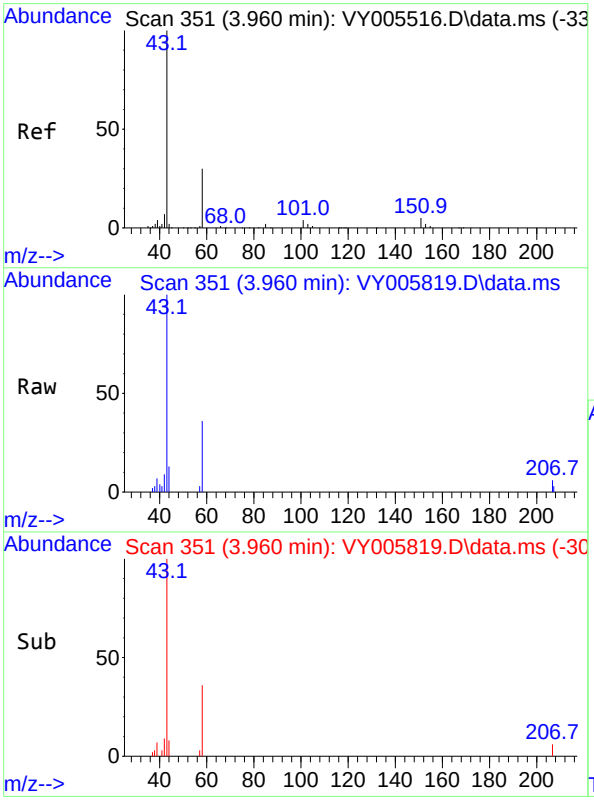


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:168 Resp: 186485

Ion	Ratio	Lower	Upper
168	100		
99	48.5	38.9	58.3

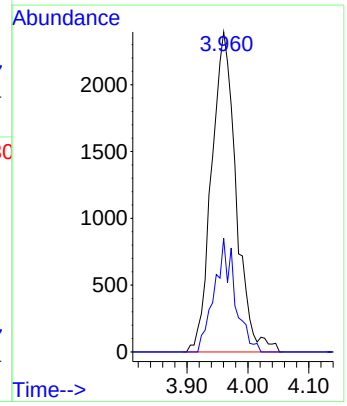




#16
Acetone
Concen: 14.065 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 43 Resp: 6694

Ion	Ratio	Lower	Upper
43	100		
58	35.5	23.8	35.6



Instrument :
MSVOA_Y
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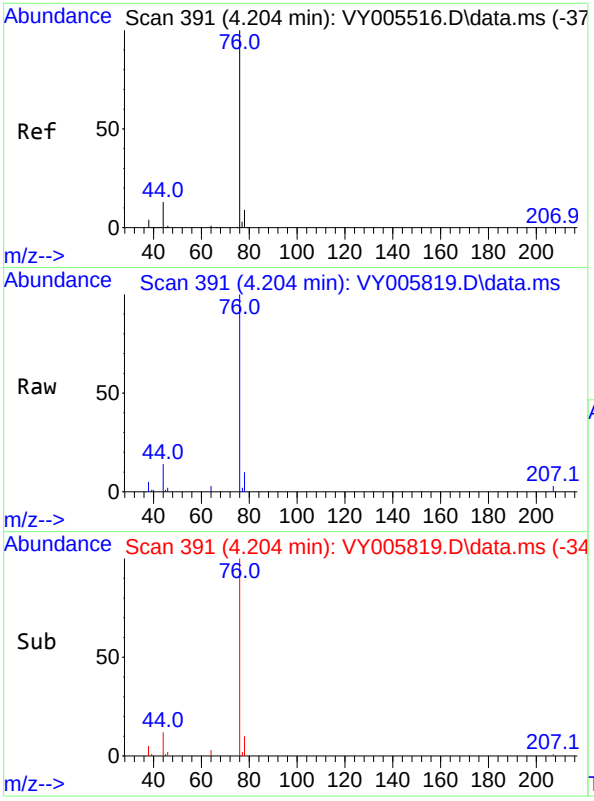
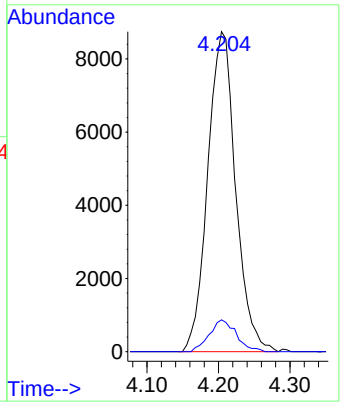
SWCS-16-0204

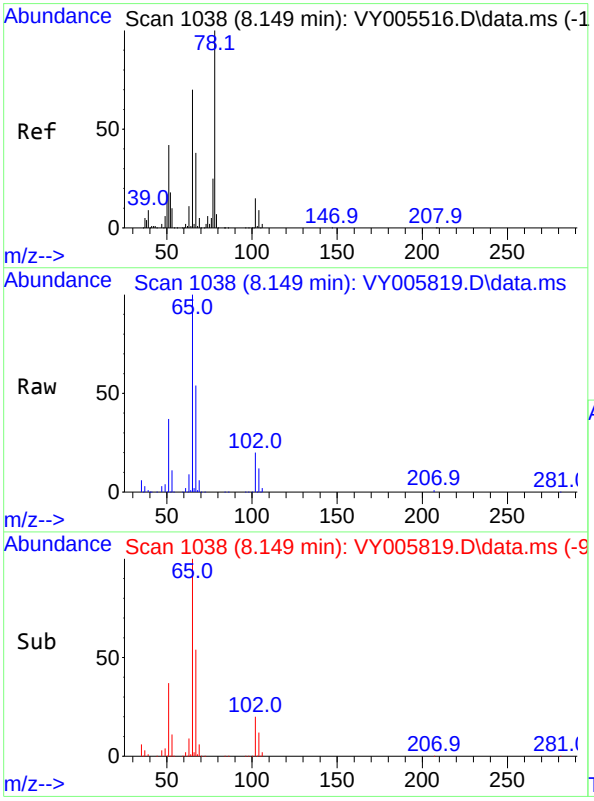


#17
Carbon Disulfide
Concen: 4.790 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 76 Resp: 23729

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.0	10.6

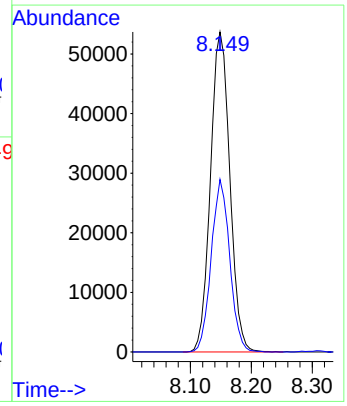




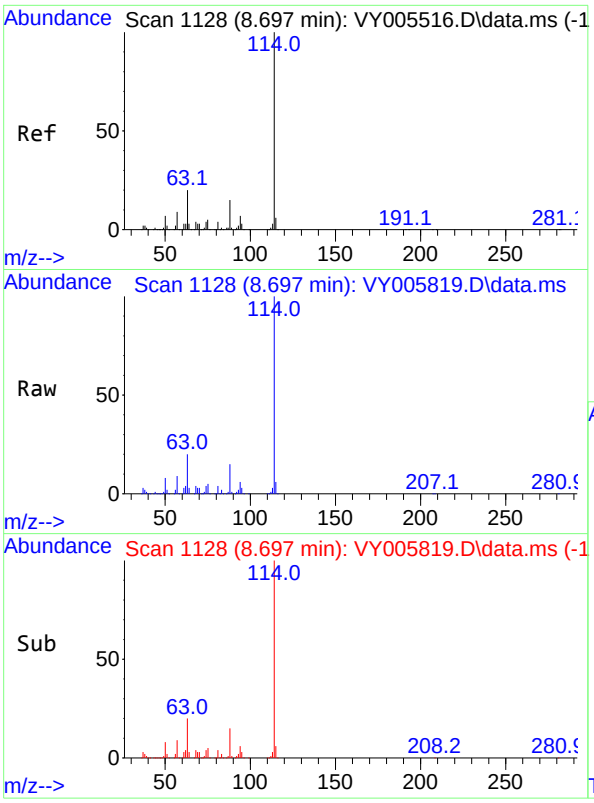
#33
1,2-Dichloroethane-d4
Concen: 62.785 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 65 Resp: 118518

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4



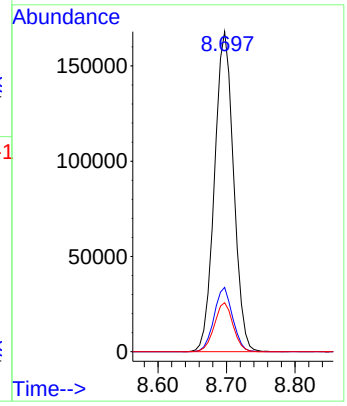
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0204

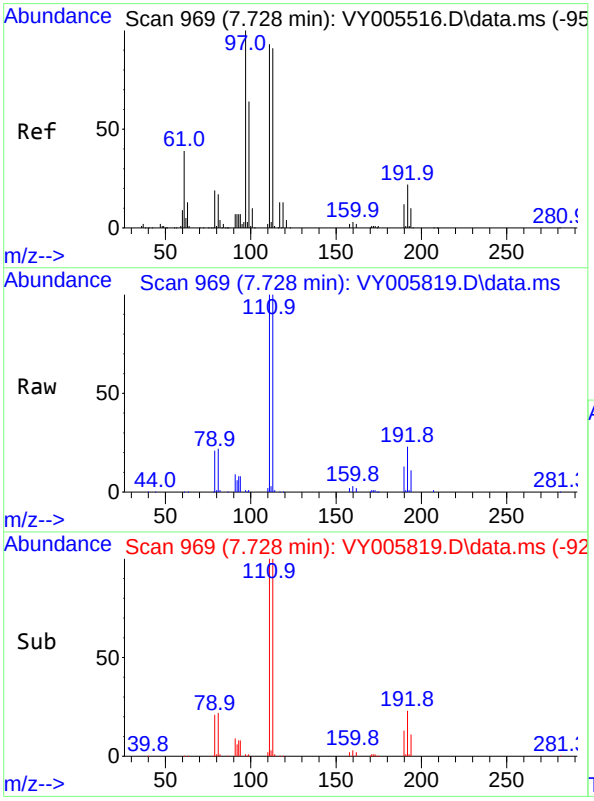


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:114 Resp: 323789

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	15.3	0.0	30.8

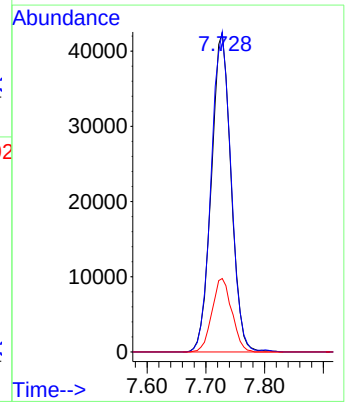




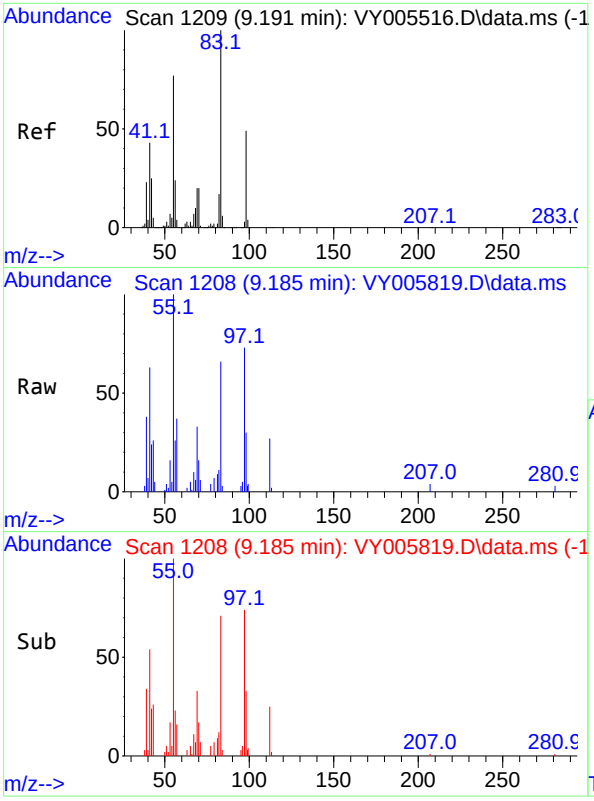
#35
Dibromofluoromethane
Concen: 54.381 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:113 Resp: 98583

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	23.2	19.2	28.8



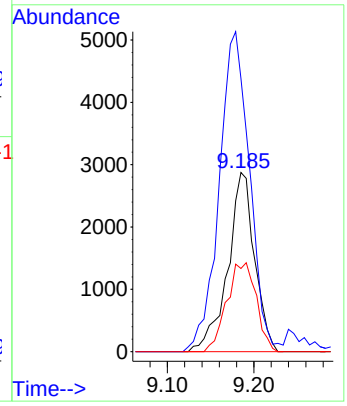
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0204

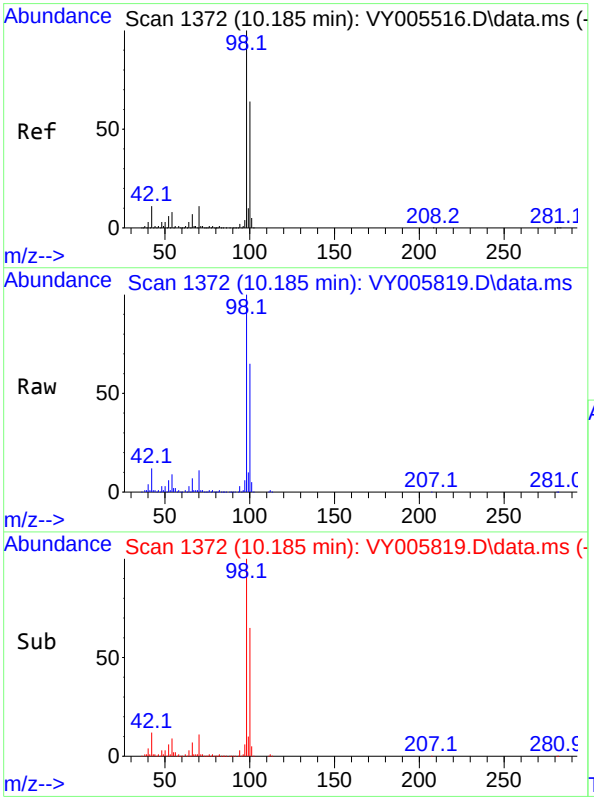


#39
Methylcyclohexane
Concen: 1.600 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 83 Resp: 6182

Ion	Ratio	Lower	Upper
83	100		
55	152.4	61.7	92.5#
98	46.4	38.9	58.3

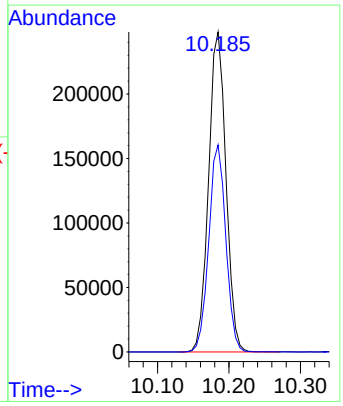


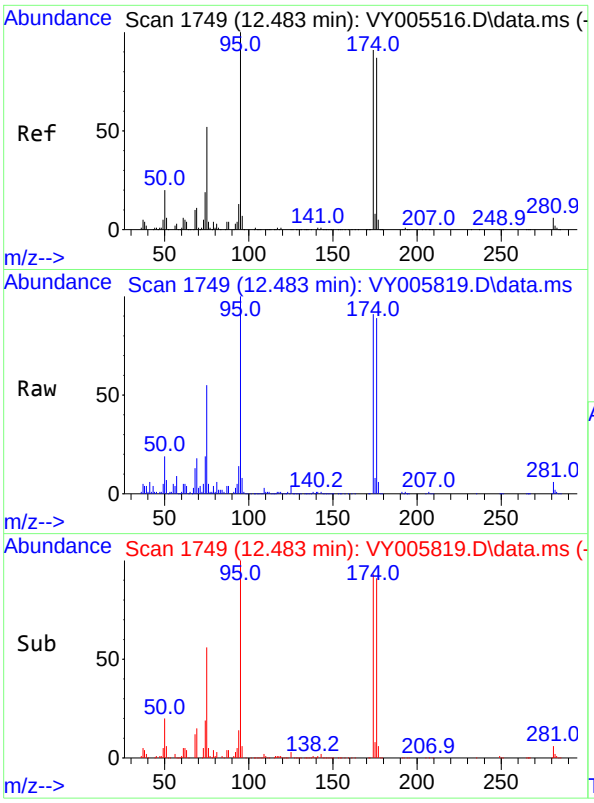


#50
Toluene-d8
Concen: 55.045 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 98 Resp: 418497

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.3	76.9

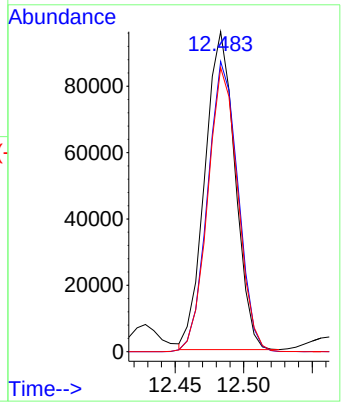




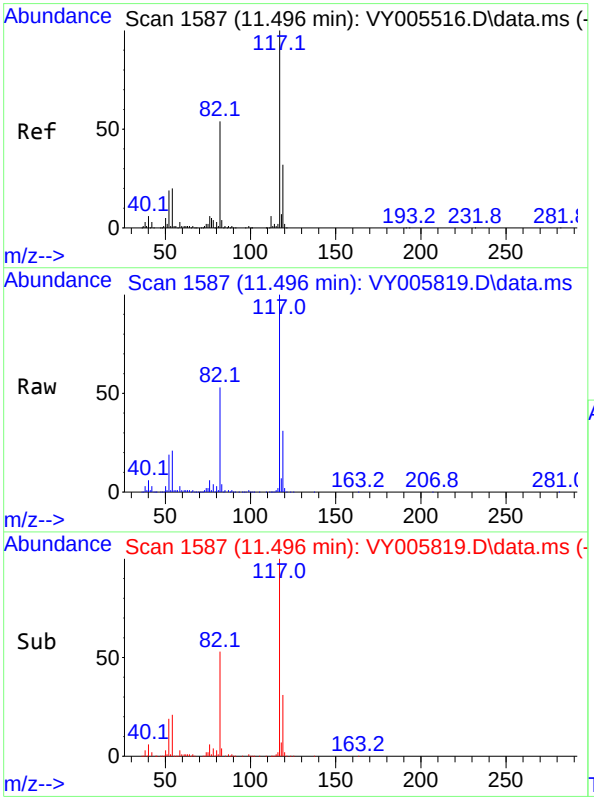
#62
4-Bromofluorobenzene
Concen: 58.283 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion: 95 Resp: 146738

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	191.4
176	89.0	0.0	183.6



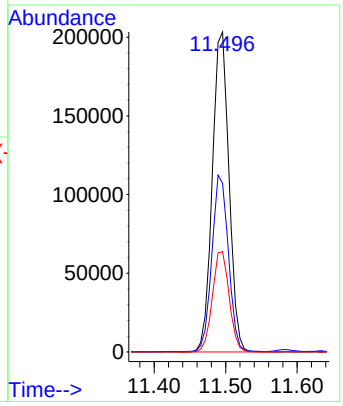
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0204



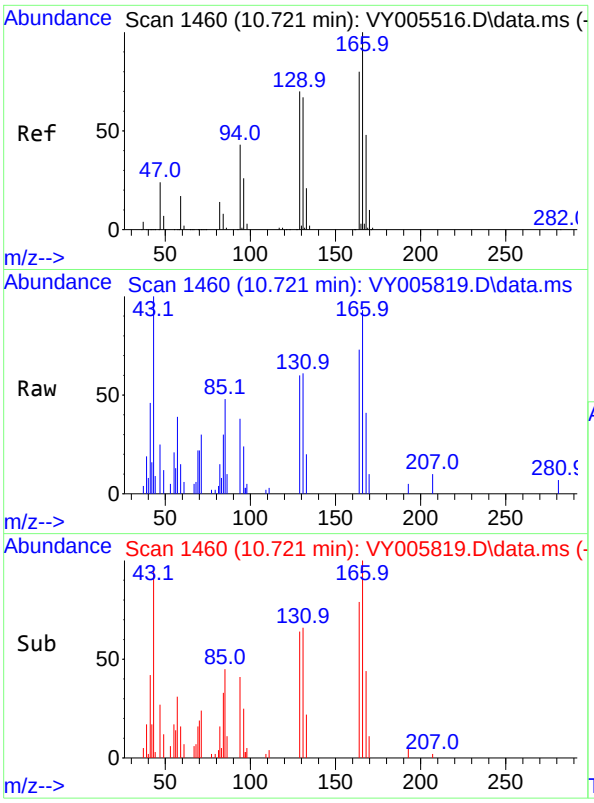
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:117 Resp: 328867

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.5	65.3
119	31.4	25.5	38.3



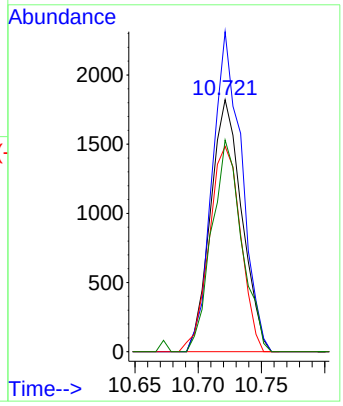
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-16-0204

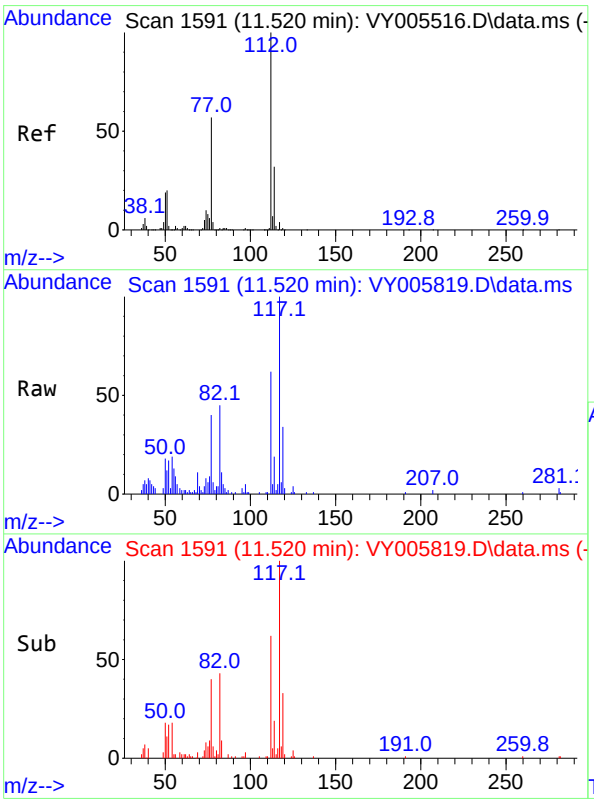


#64
Tetrachloroethene
Concen: 1.255 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:164 Resp: 3142

Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.8	149.8
129	81.4	70.1	105.1
131	84.0	67.4	101.0

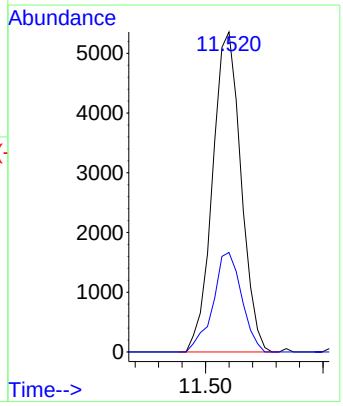


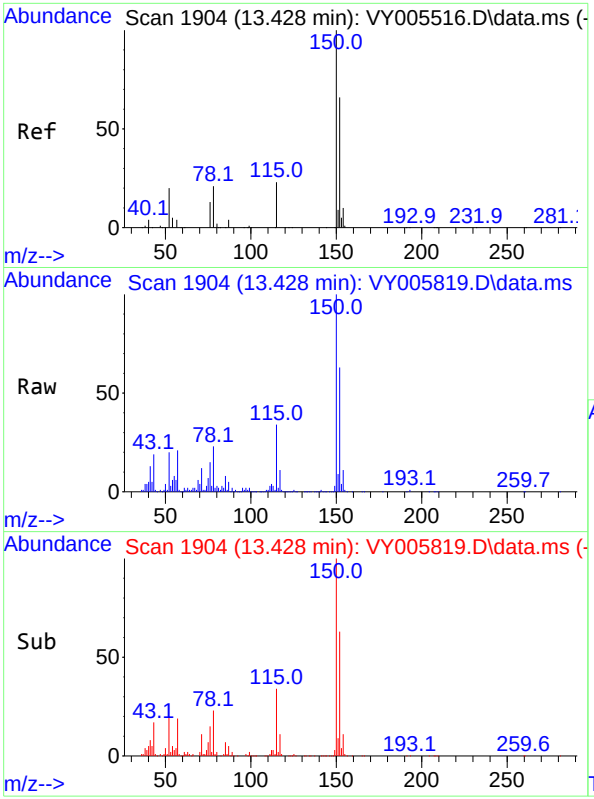


#65
Chlorobenzene
Concen: 1.363 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:112 Resp: 9022

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.2	37.8

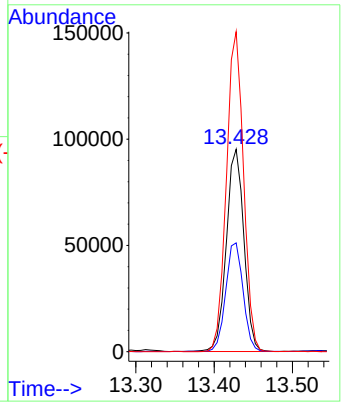




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005819.D
Acq: 24 Aug 2021 14:00

Tgt Ion:152 Resp: 148534

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.3	81.9
150	154.2	0.0	350.2



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