Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
Data File : VD070529.D
Acq On : 29 Sep 2021 18:08
Operator : VA/SY
Sample : M3975-07
Misc : 7.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-841-R-SO-4-4.5-092821-FD

Quant Time: Sep 30 00:47:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	34343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	66426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	28962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	37811	85.745	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 171.480%#			
35) Dibromofluoromethane	7.914	113	25257	55.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.180%			
50) Toluene-d8	10.332	98	80719	48.928	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.626	95	26272	45.567	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.140%			
Target Compounds						Qvalue
16) Acetone	4.156	43	8033	102.034	ug/l #	79
67) Ethyl Benzene	11.743	91	5625	2.370	ug/l	100
68) m/p-Xylenes	11.843	106	6257	6.826	ug/l	85
69) o-Xylene	12.173	106	3337	4.064	ug/l	89

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

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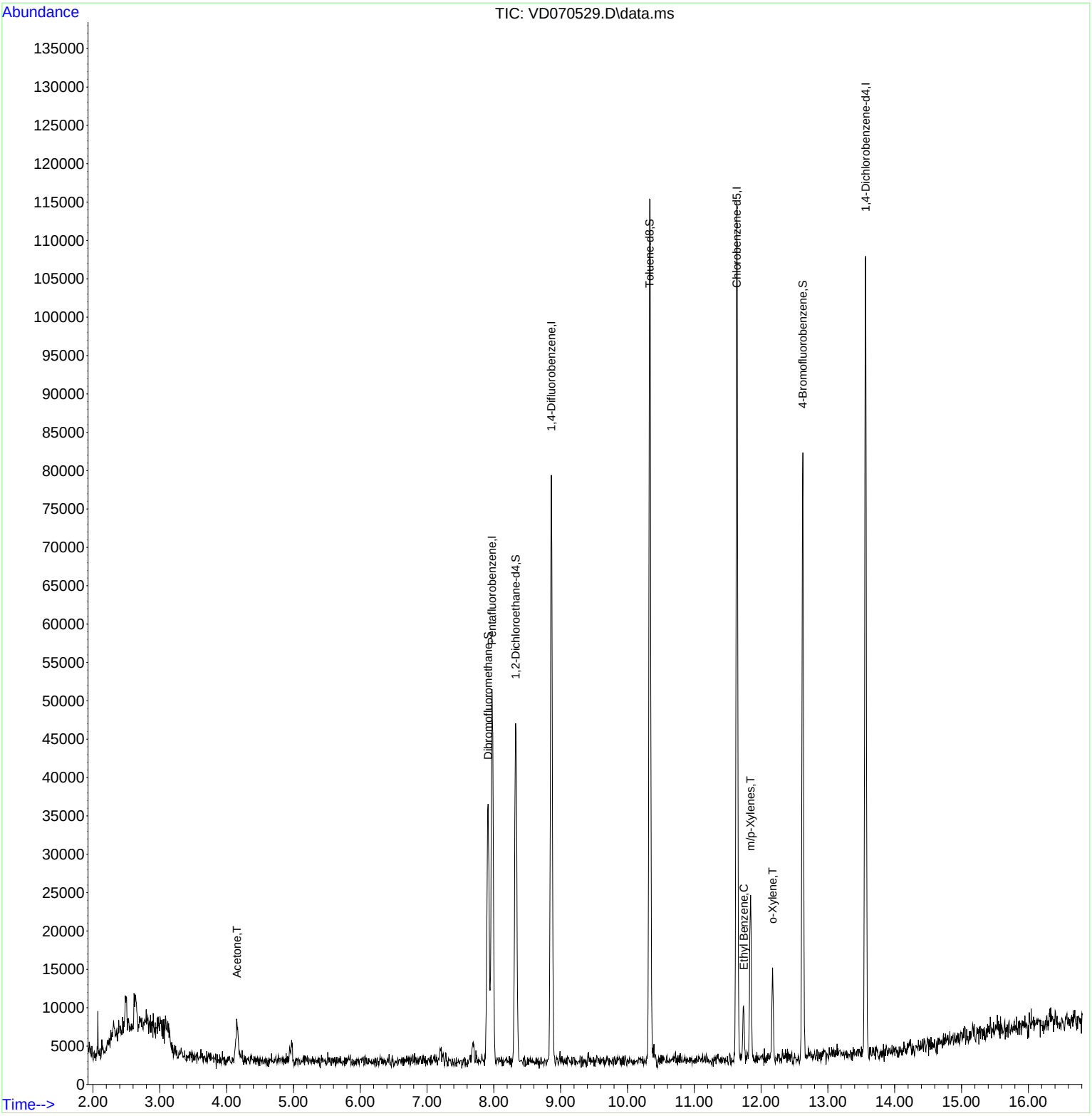
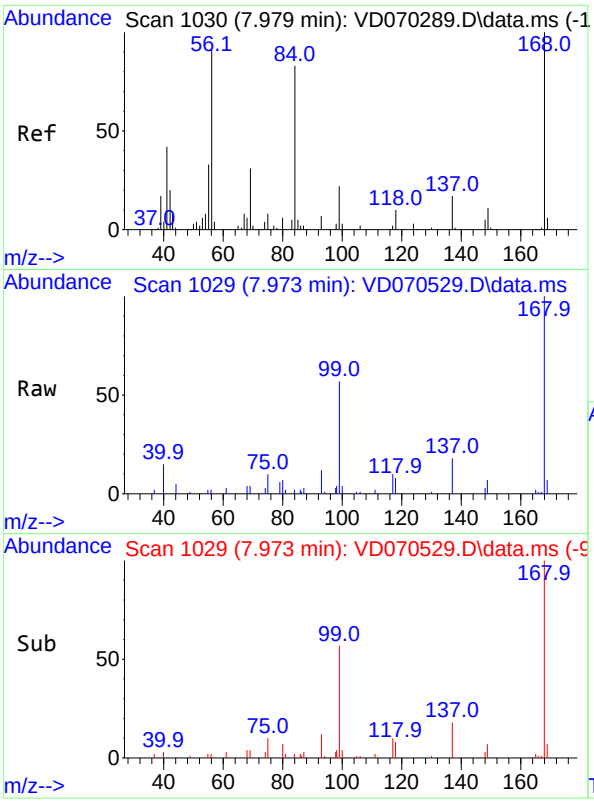
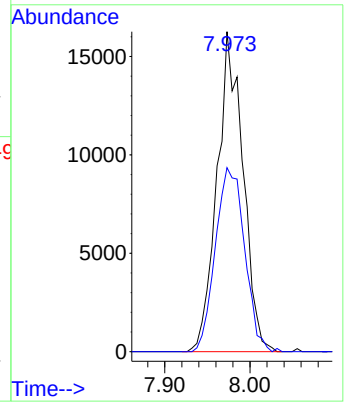




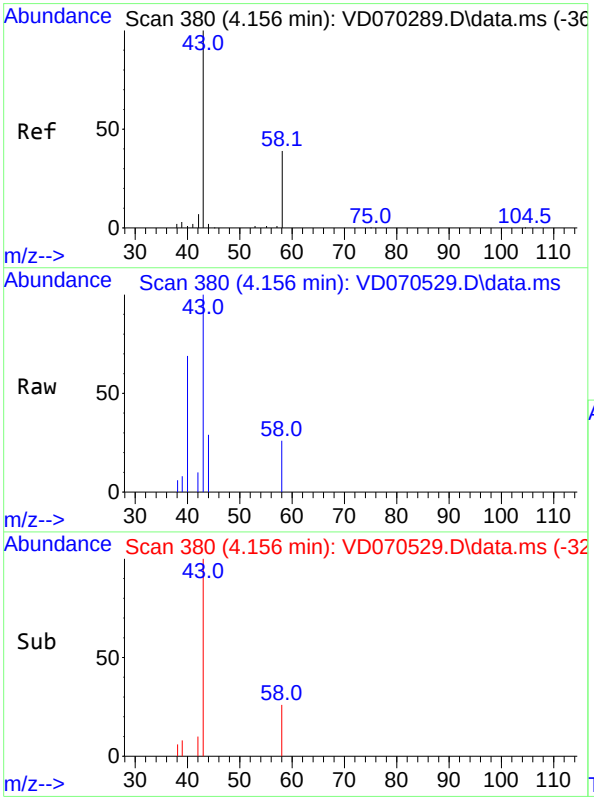
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:168 Resp: 34343

Ion	Ratio	Lower	Upper
168	100		
99	57.5	50.8	76.2



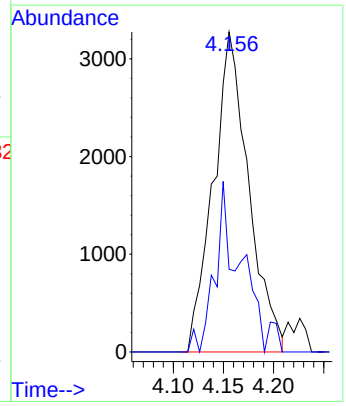
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FD

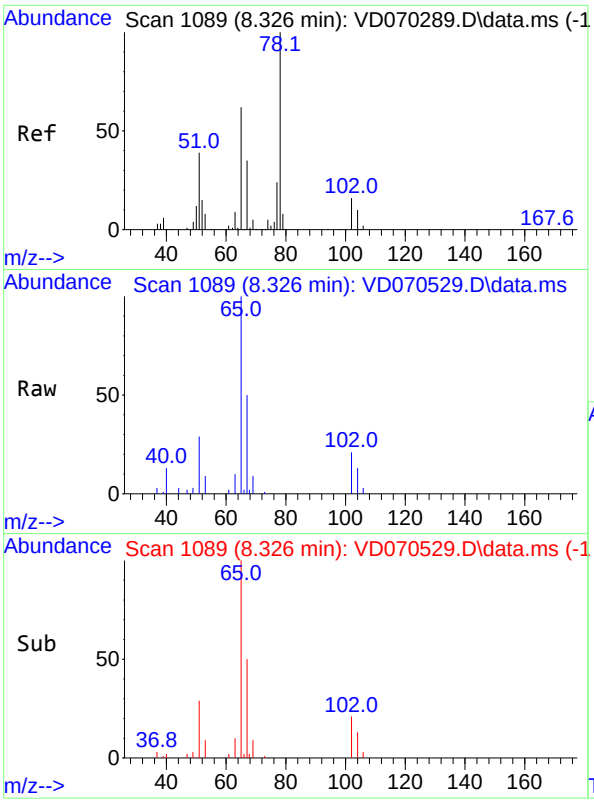


#16
Acetone
Concen: 102.034 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion: 43 Resp: 8033

Ion	Ratio	Lower	Upper
43	100		
58	25.8	30.9	46.3#



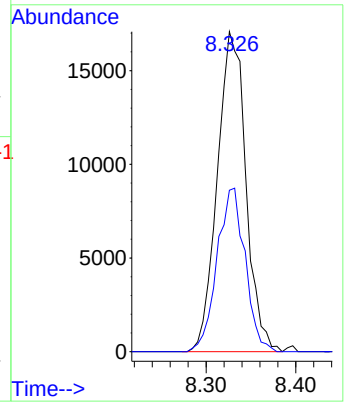


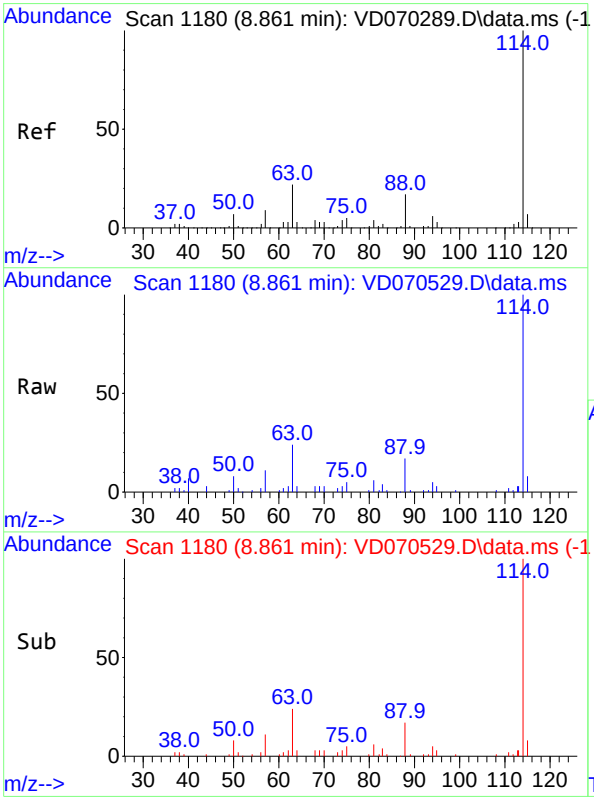
#33
1,2-Dichloroethane-d4
Concen: 85.745 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FD

Tgt Ion: 65 Resp: 37811

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	111.4

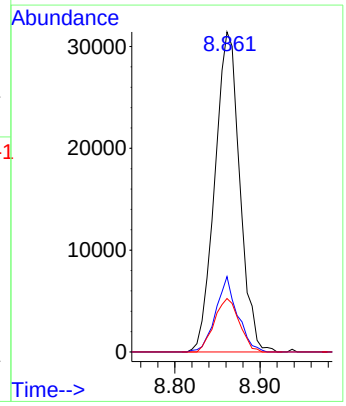


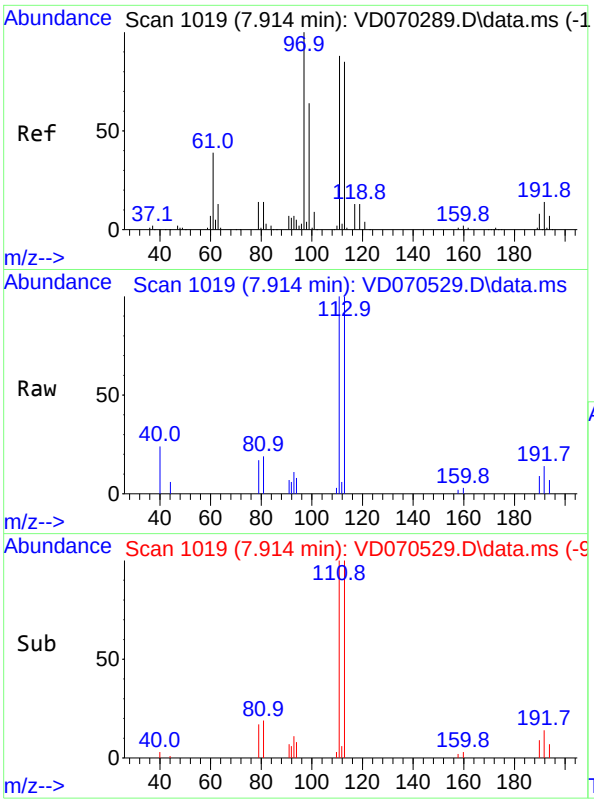


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:114 Resp: 63834

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.4
88	16.7	0.0	33.4

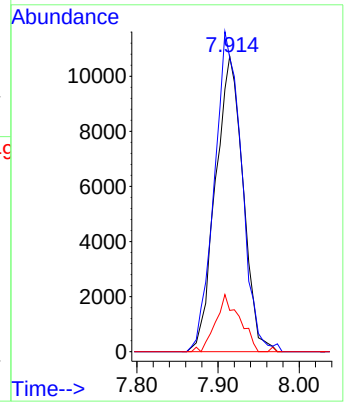




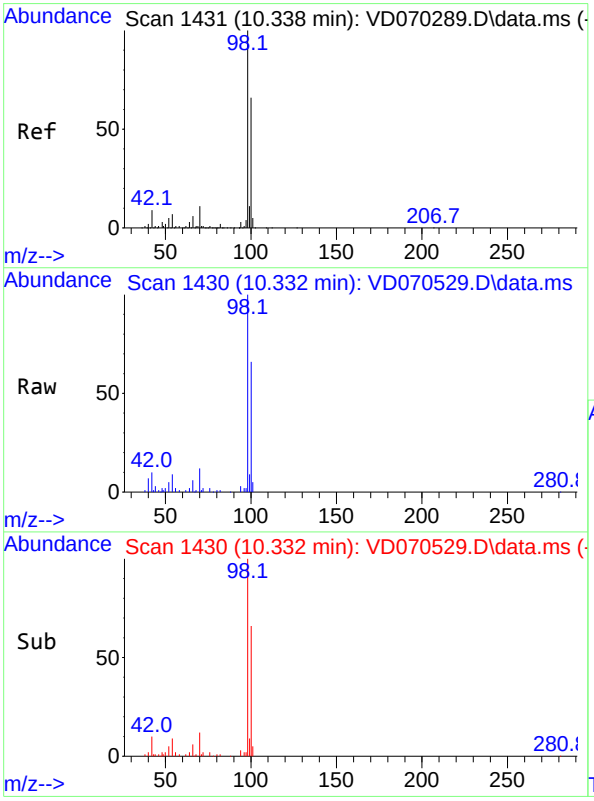
#35
Dibromofluoromethane
Concen: 55.586 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:113 Resp: 25257

Ion	Ratio	Lower	Upper
113	100		
111	107.4	81.4	122.2
192	16.8	13.0	19.6



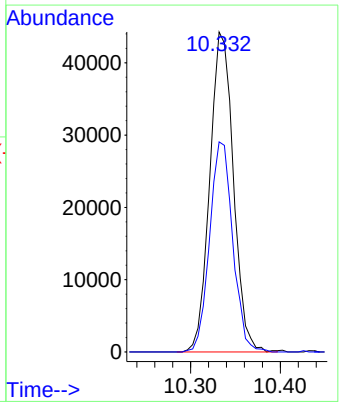
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FD



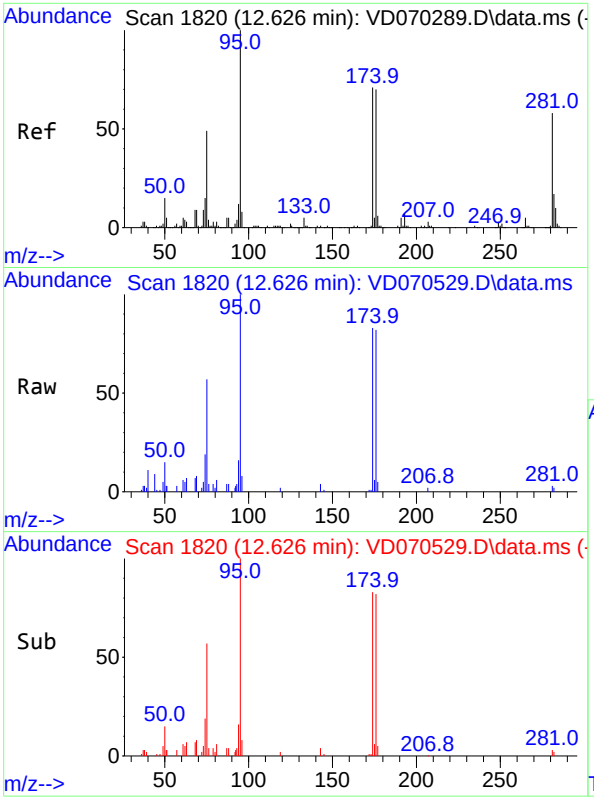
#50
Toluene-d8
Concen: 48.928 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion: 98 Resp: 80719

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0



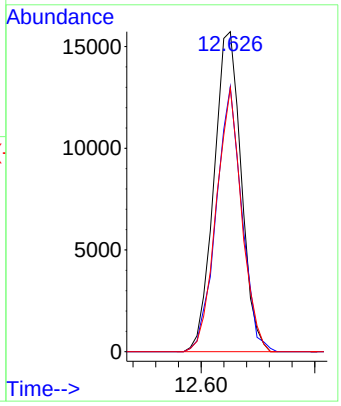
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FD

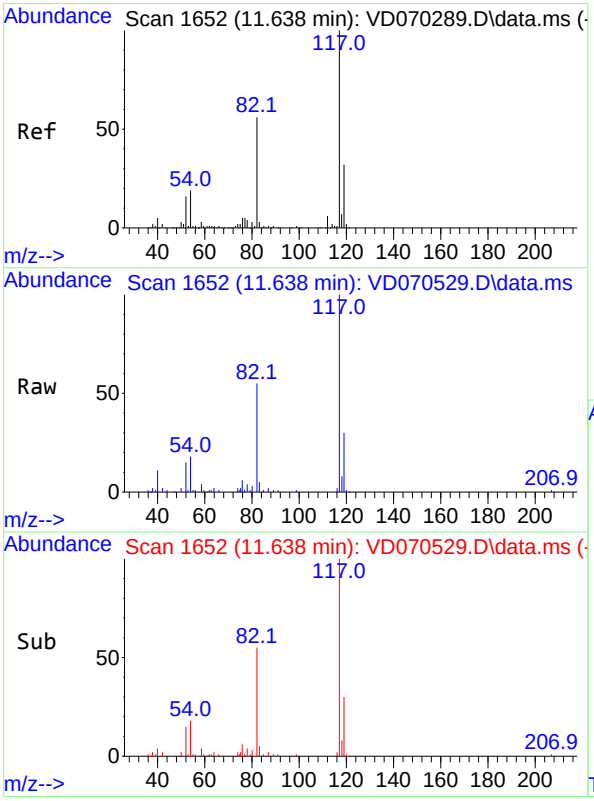


#62
4-Bromofluorobenzene
Concen: 45.567 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion: 95 Resp: 26272

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	140.6
176	77.2	0.0	137.4

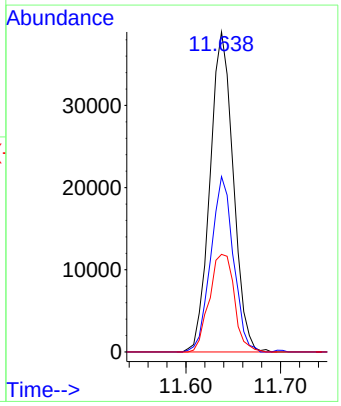




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:117 Resp: 66426

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.4
119	30.5	25.2	37.8



Instrument :
MSVOA_D
ClientSampleId :
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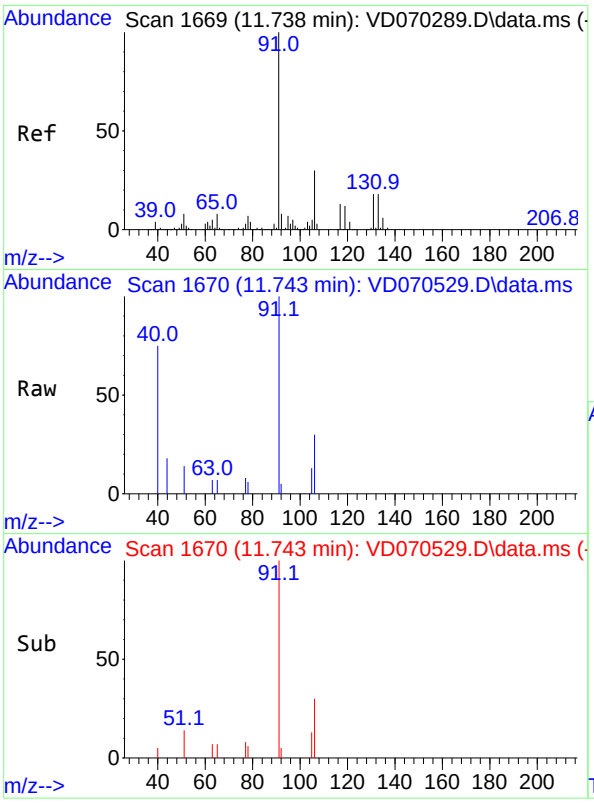
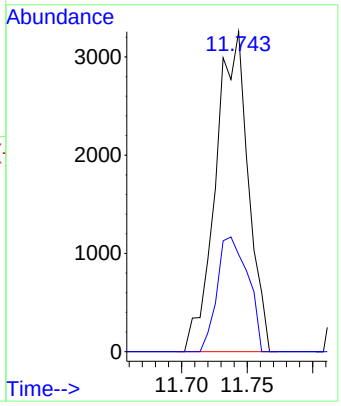
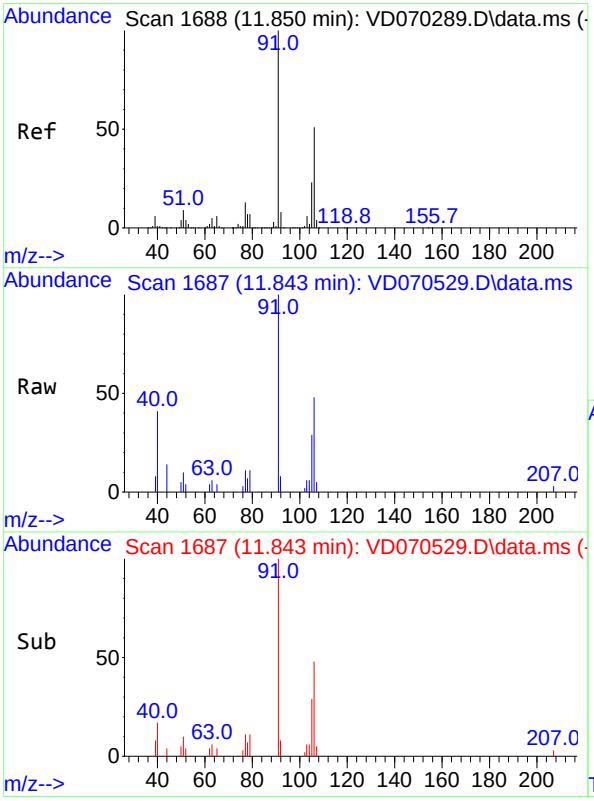


#67
Ethyl Benzene
Concen: 2.370 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion: 91 Resp: 5625

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2

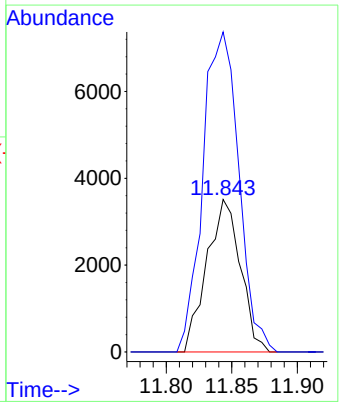




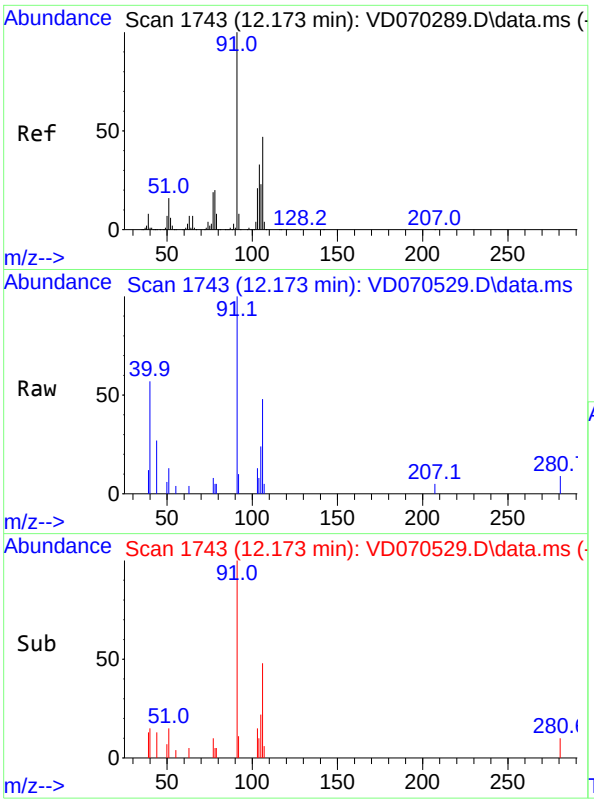
#68
m/p-Xylenes
Concen: 6.826 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:106 Resp: 6257

Ion	Ratio	Lower	Upper
106	100		
91	224.4	161.2	241.8



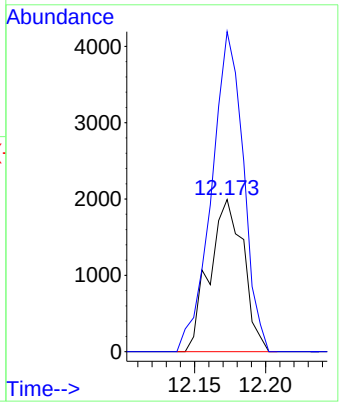
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-4-4.5-092821-FD

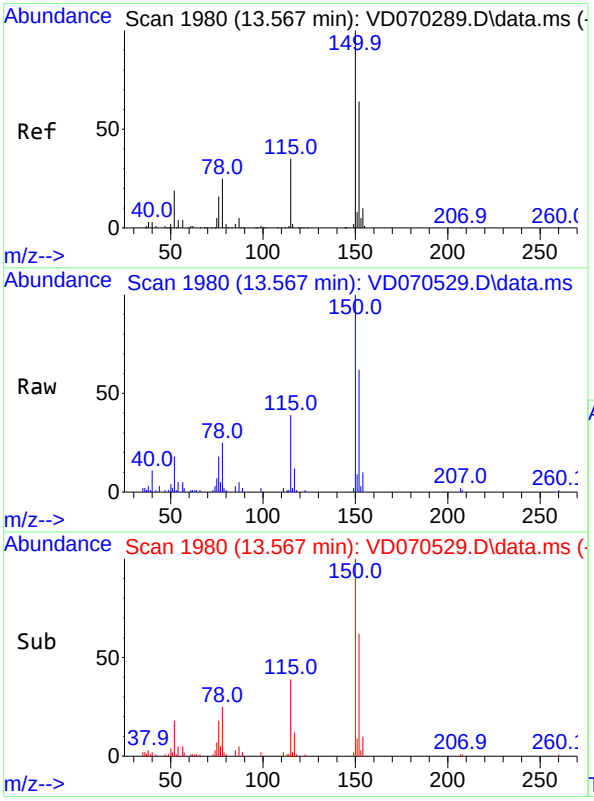


#69
o-Xylene
Concen: 4.064 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:106 Resp: 3337

Ion	Ratio	Lower	Upper
106	100		
91	195.9	106.3	318.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070529.D
Acq: 29 Sep 2021 18:08

Tgt Ion:152 Resp: 28962

Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.1	96.3
150	160.1	0.0	350.6