Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
Data File : VD070281.D
Acq On : 31 Aug 2021 15:57
Operator : VA/SY
Sample : M3605-05
Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PD-1

Quant Time: Sep 01 03:59:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	426039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	896424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	399558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	283092	56.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.000%			
35) Dibromofluoromethane	7.908	113	197428	34.339	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 68.680%			
50) Toluene-d8	10.338	98	1169368	52.292	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.580%			
62) 4-Bromofluorobenzene	12.626	95	415727	56.442	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.880%			
Target Compounds						Qvalue
16) Acetone	4.161	43	16731	18.125	ug/l #	87
68) m/p-Xylenes	11.843	106	18931	1.475	ug/l	93
80) 1,3,5-Trimethylbenzene	12.949	105	45891	1.850	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	115977	4.713	ug/l	99
95) Naphthalene	15.384	128	26231	2.201	ug/l #	90

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

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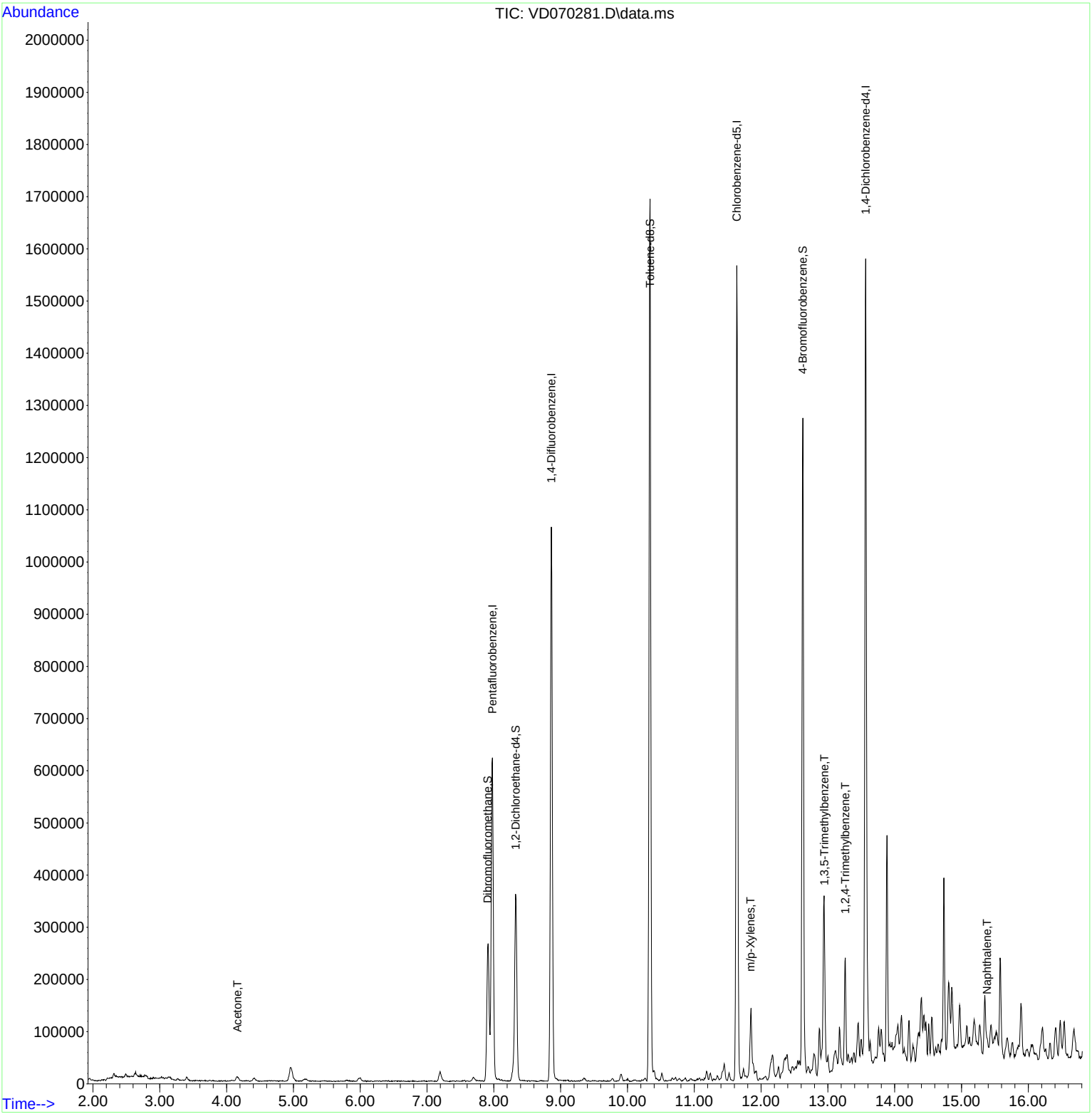
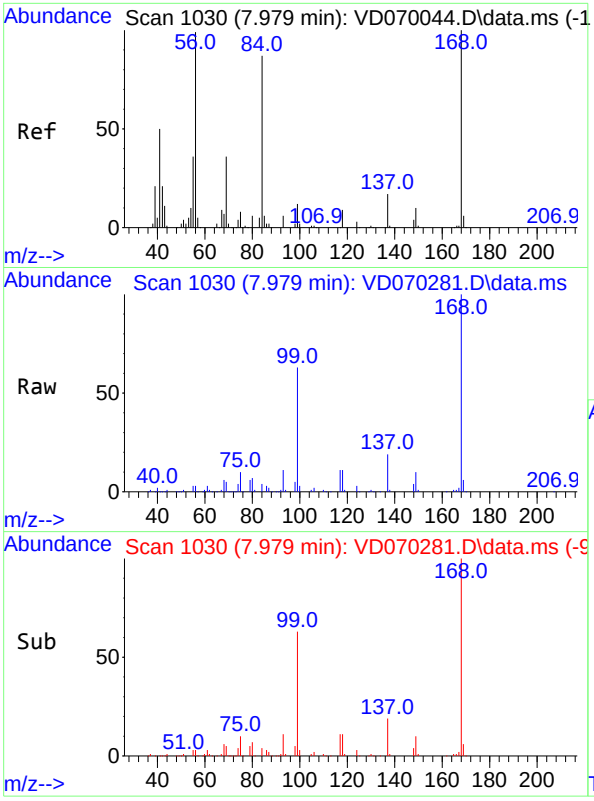


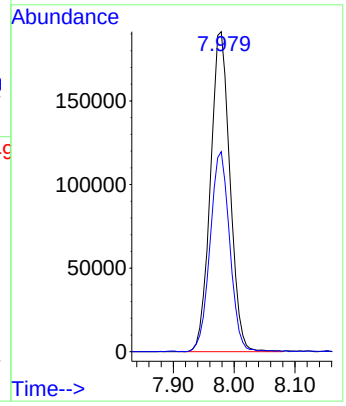
Instrument :
MSVOA_D
ClientSampleId :
PD-1

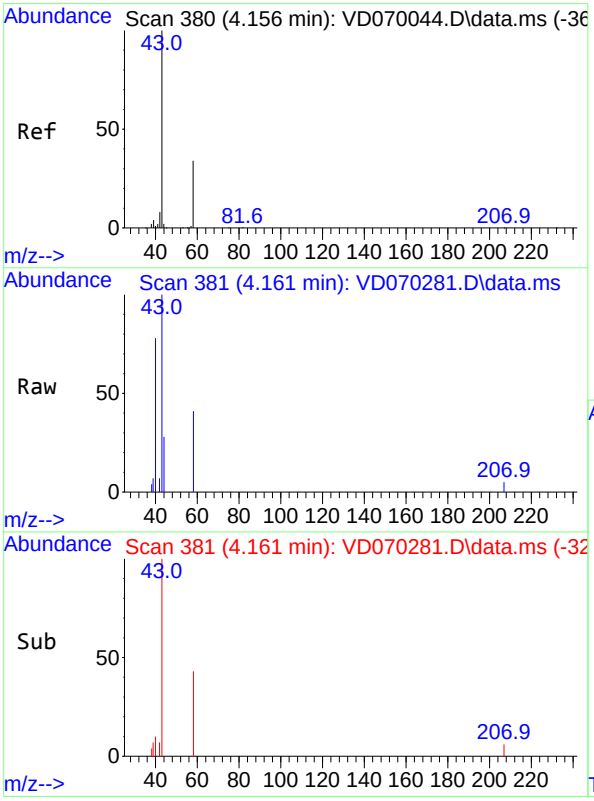


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:168 Resp: 426039

Ion	Ratio	Lower	Upper
168	100		
99	62.4	50.3	75.5

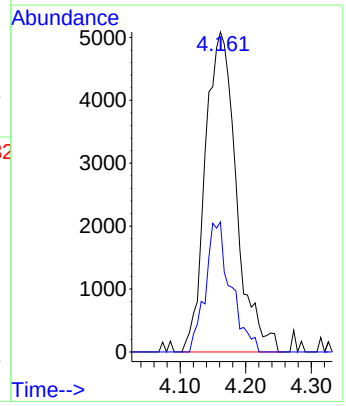




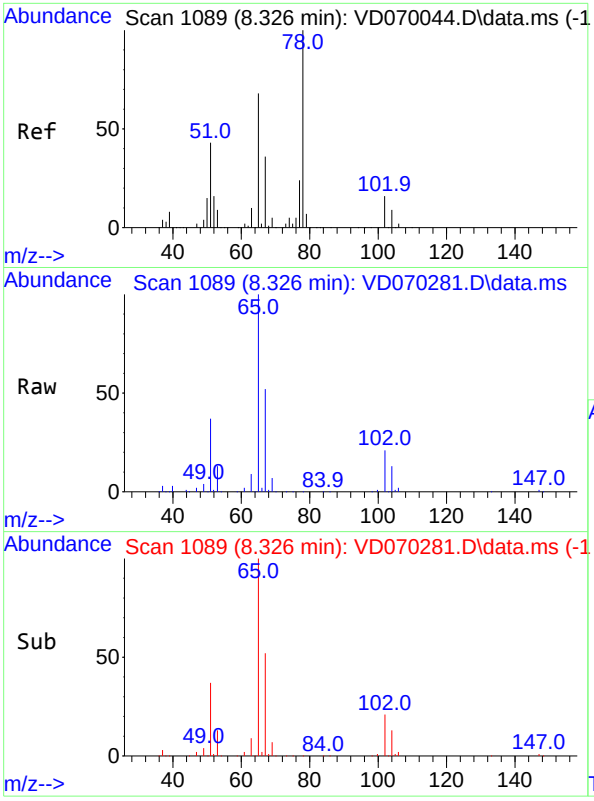
#16
Acetone
Concen: 18.125 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion: 43 Resp: 16731

Ion	Ratio	Lower	Upper
43	100		
58	40.7	26.8	40.2#



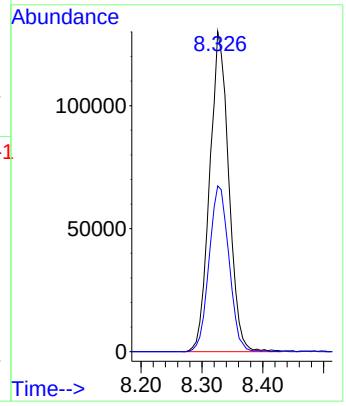
Instrument :
MSVOA_D
ClientSampleId :
PD-1

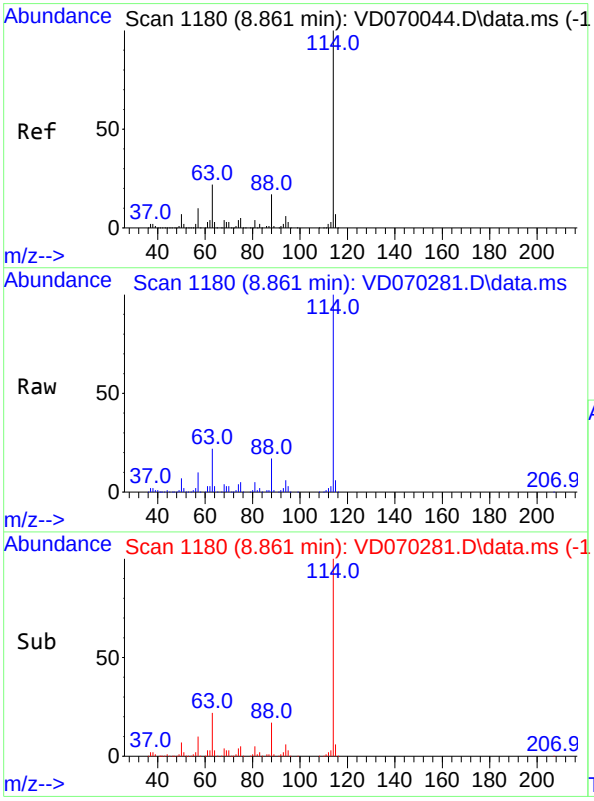


#33
1,2-Dichloroethane-d4
Concen: 56.495 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion: 65 Resp: 283092

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.8

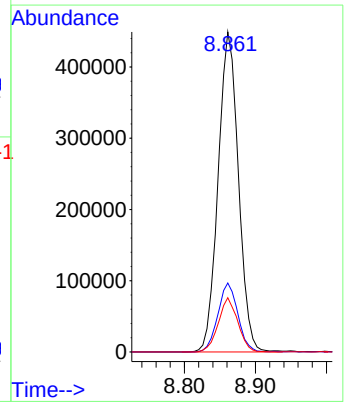


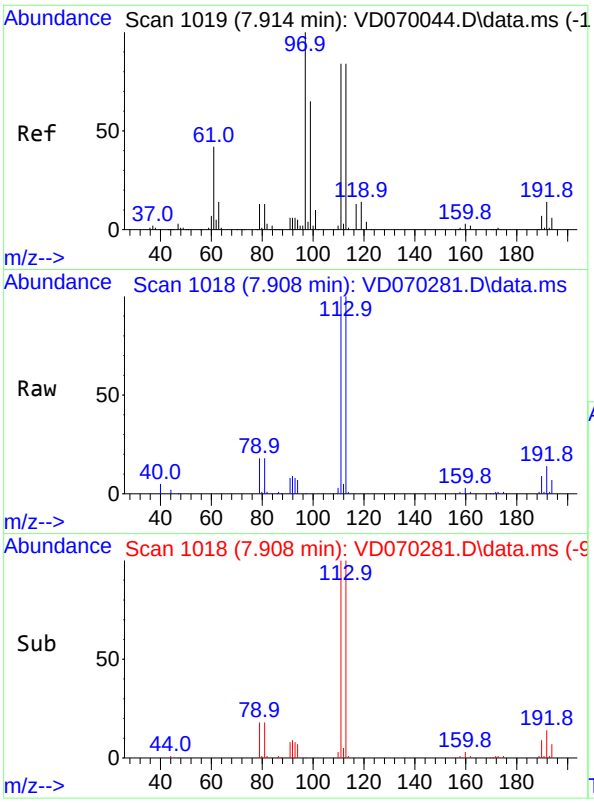


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:114 Resp: 889918

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.6
88	16.9	0.0	33.4

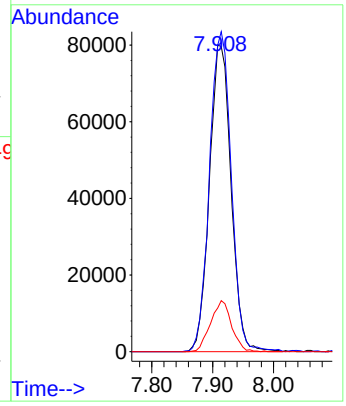


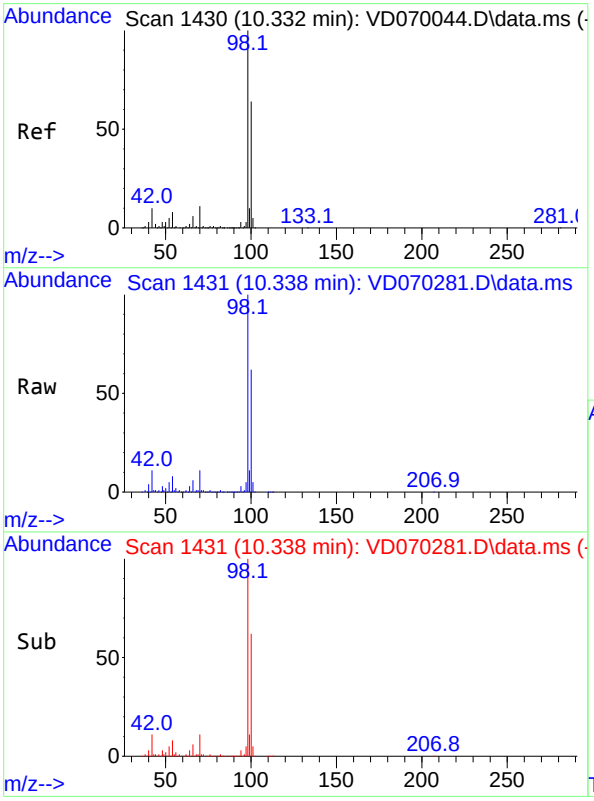


#35
Dibromofluoromethane
Concen: 34.339 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:113 Resp: 197428

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.8	122.6
192	16.1	13.2	19.8

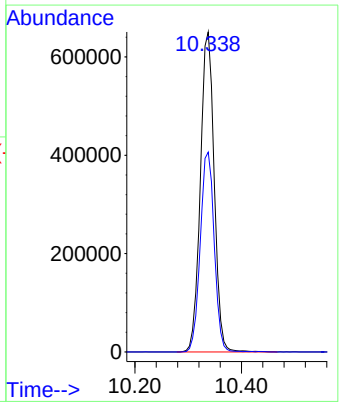




#50
Toluene-d8
Concen: 52.292 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

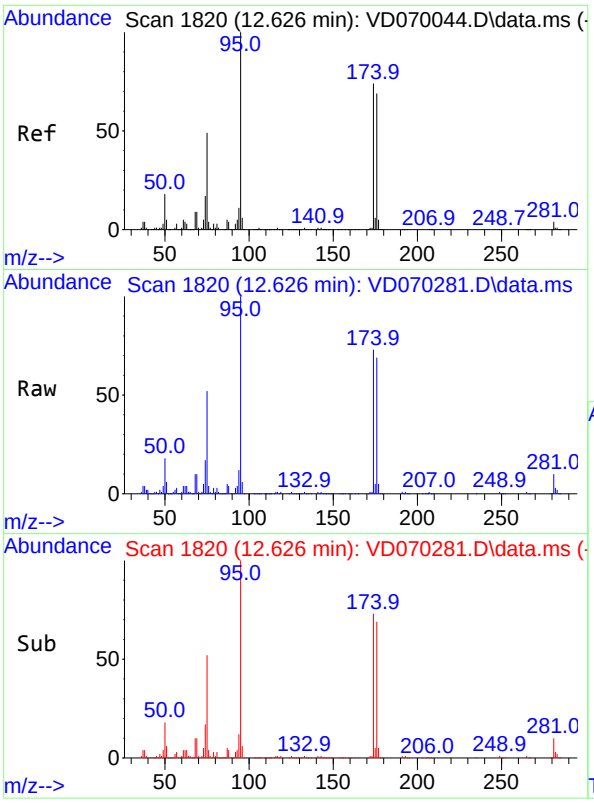
Tgt Ion: 98 Resp: 1169368

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.6	78.8



Instrument :
MSVOA_D
ClientSampleId :
PD-1

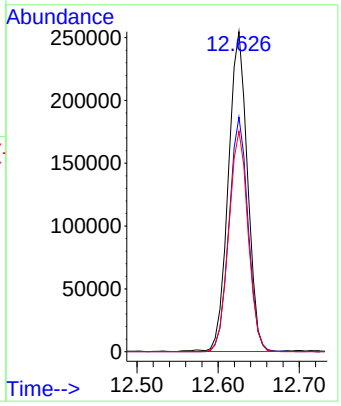
Instrument :
MSVOA_D
ClientSampleId :
PD-1

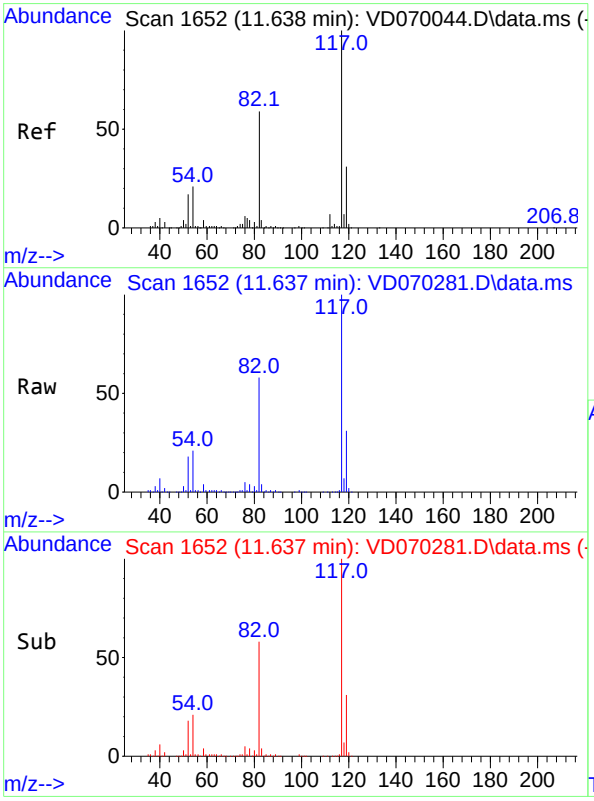


#62
4-Bromofluorobenzene
Concen: 56.442 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion: 95 Resp: 415727

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	69.4	0.0	138.2

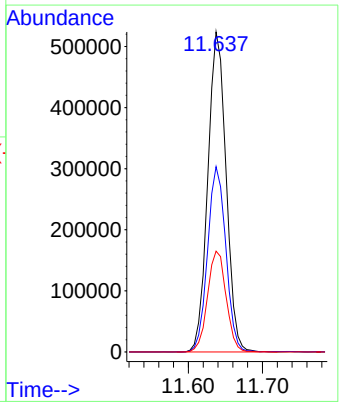




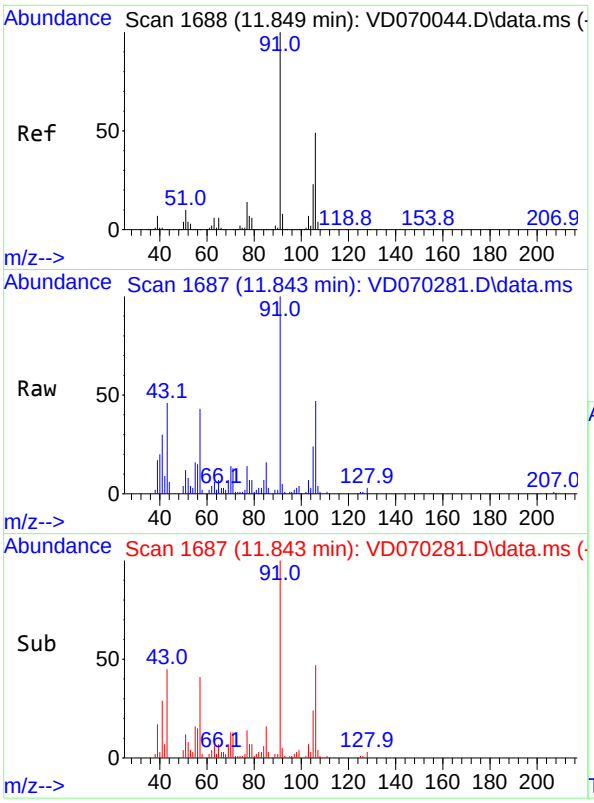
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:117 Resp: 896424

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.5	71.3
119	31.5	25.1	37.7



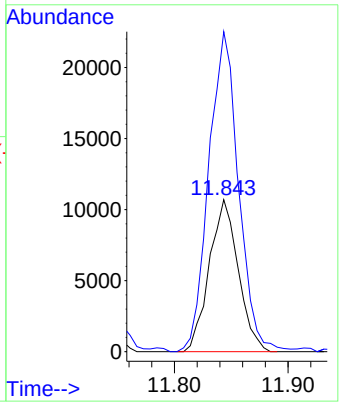
Instrument :
MSVOA_D
ClientSampleId :
PD-1

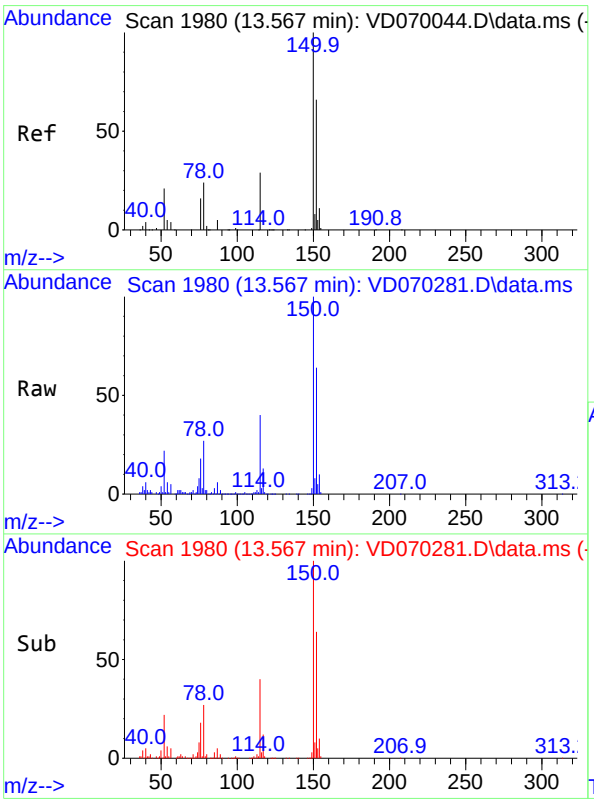


#68
m/p-Xylenes
Concen: 1.475 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:106 Resp: 18931

Ion	Ratio	Lower	Upper
106	100		
91	216.4	164.6	246.8

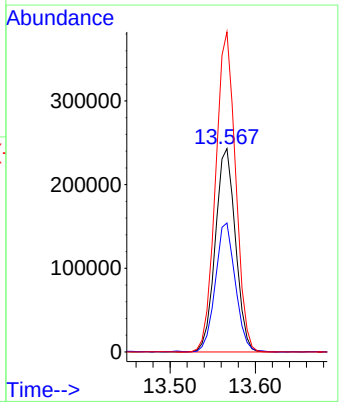




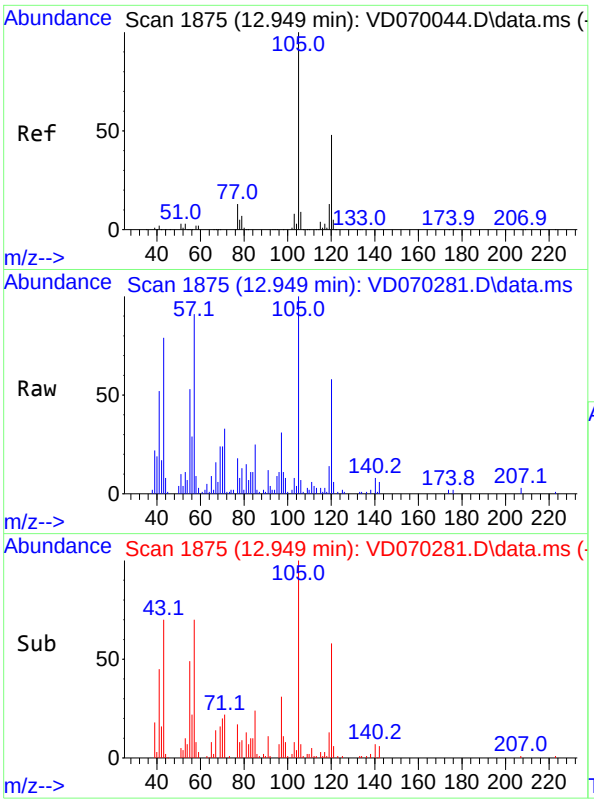
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:152 Resp: 399558

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.2	93.6
150	156.1	0.0	352.0



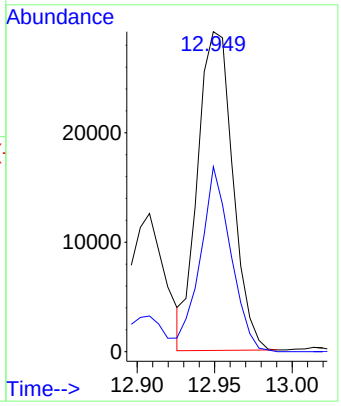
Instrument :
MSVOA_D
ClientSampleId :
PD-1

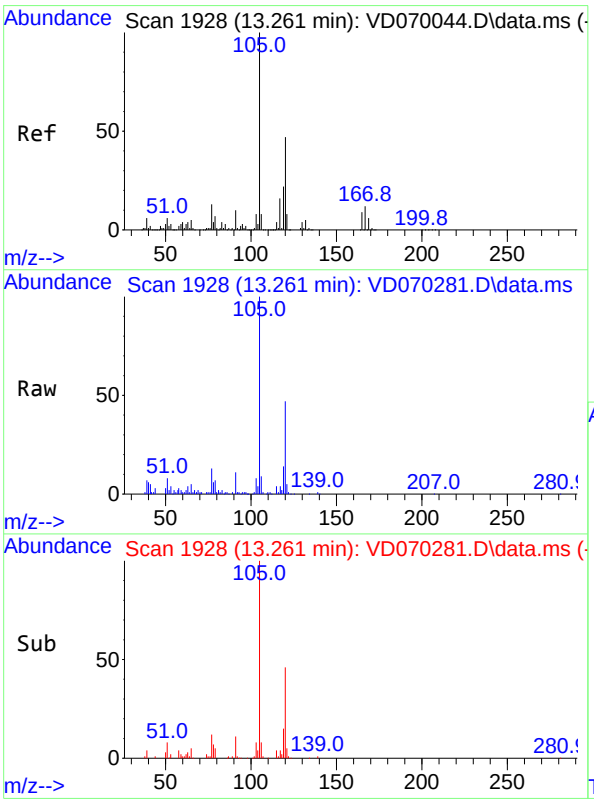


#80
1,3,5-Trimethylbenzene
Concen: 1.850 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:105 Resp: 45891

Ion	Ratio	Lower	Upper
105	100		
120	51.1	24.5	73.5

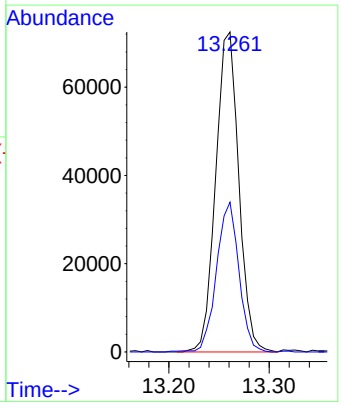


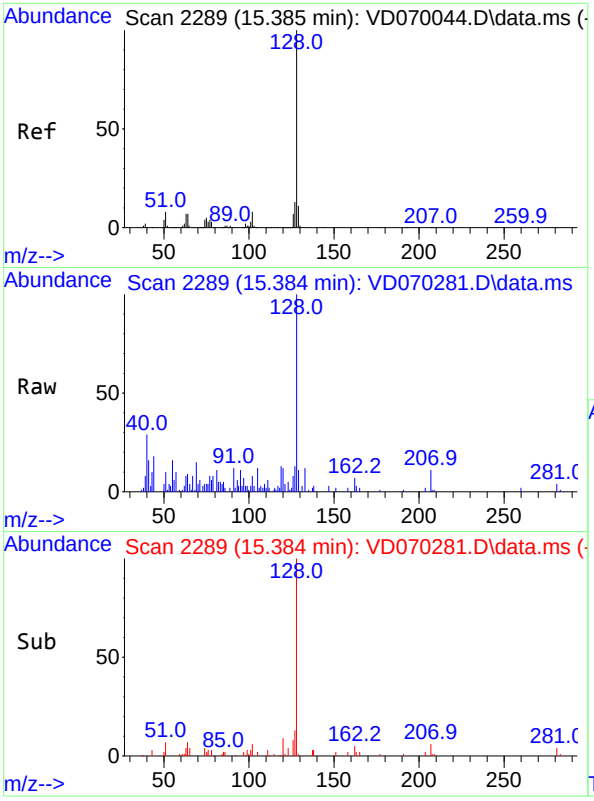


#84
1,2,4-Trimethylbenzene
Concen: 4.713 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:105 Resp: 115977

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.5	67.5

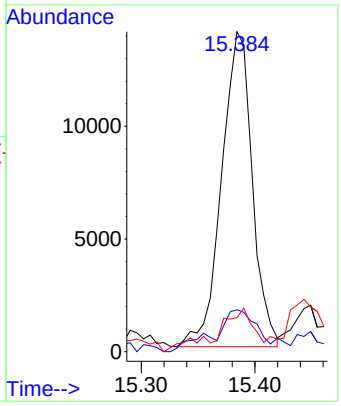




#95
Naphthalene
Concen: 2.201 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070281.D
Acq: 31 Aug 2021 15:57

Tgt Ion:128 Resp: 26231

Ion	Ratio	Lower	Upper
128	100		
127	20.2	10.5	15.7#
129	10.8	8.3	12.5



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MSVOA_D
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