Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
Data File : VD071935.D
Acq On : 11 Feb 2022 13:47
Operator : VA/SY
Sample : N1505-03
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Quant Time: Feb 11 23:57:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	134117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	257634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	271005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	126874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	138101	81.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 162.940%			
35) Dibromofluoromethane	7.914	113	104186	61.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.040%			
50) Toluene-d8	10.332	98	338698	53.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.626	95	122454	55.443	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.880%			
Target Compounds						Qvalue
16) Acetone	4.156	43	21034	45.328	ug/l #	84
68) m/p-Xylenes	11.844	106	6098	1.520	ug/l	98
69) o-Xylene	12.173	106	3813	1.046	ug/l	84
84) 1,2,4-Trimethylbenzene	13.261	105	15596	1.946	ug/l	96

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

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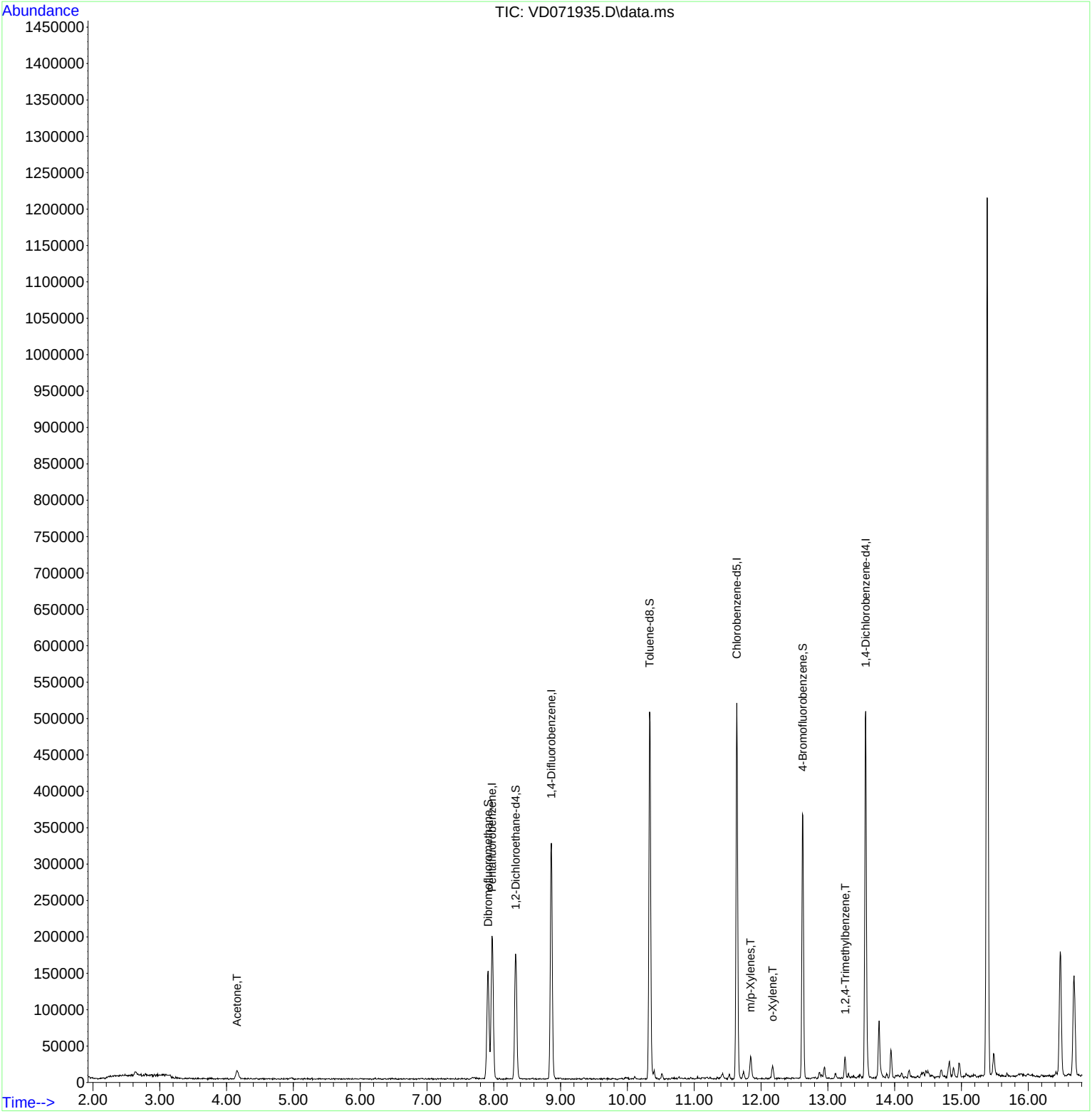
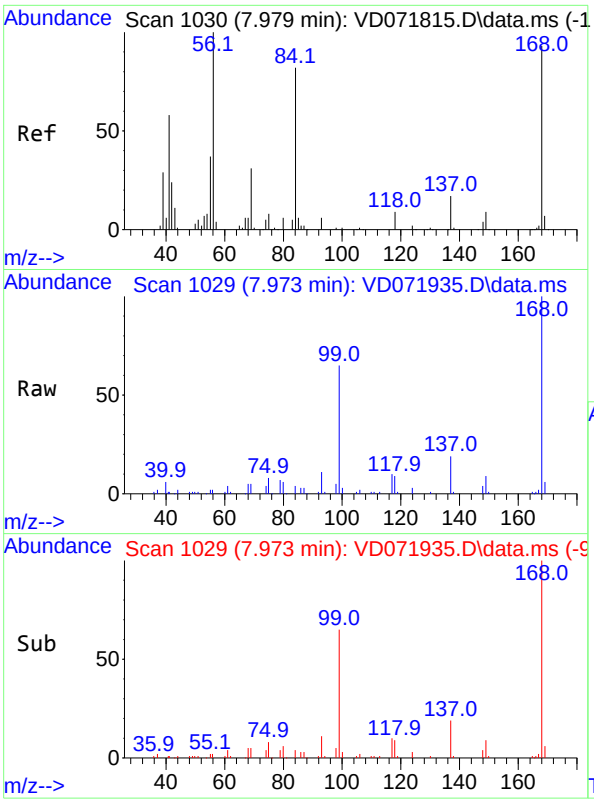


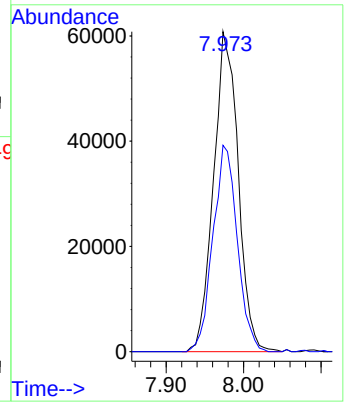


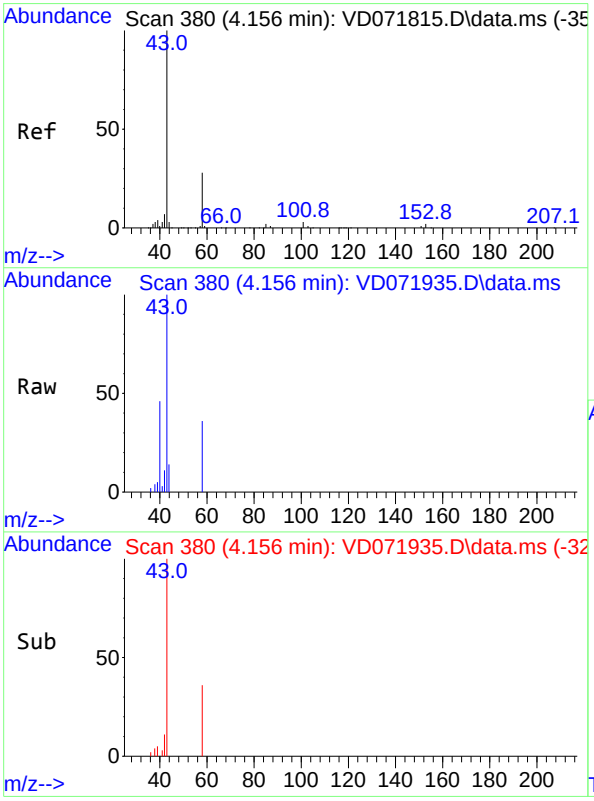
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Tgt Ion:168 Resp: 134117

Ion	Ratio	Lower	Upper
168	100		
99	64.5	49.8	74.6

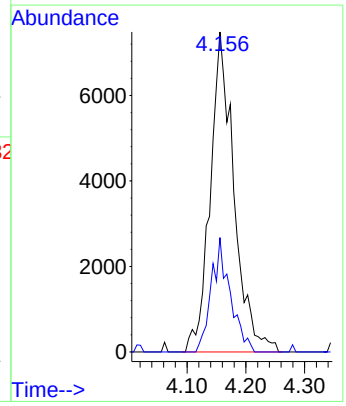


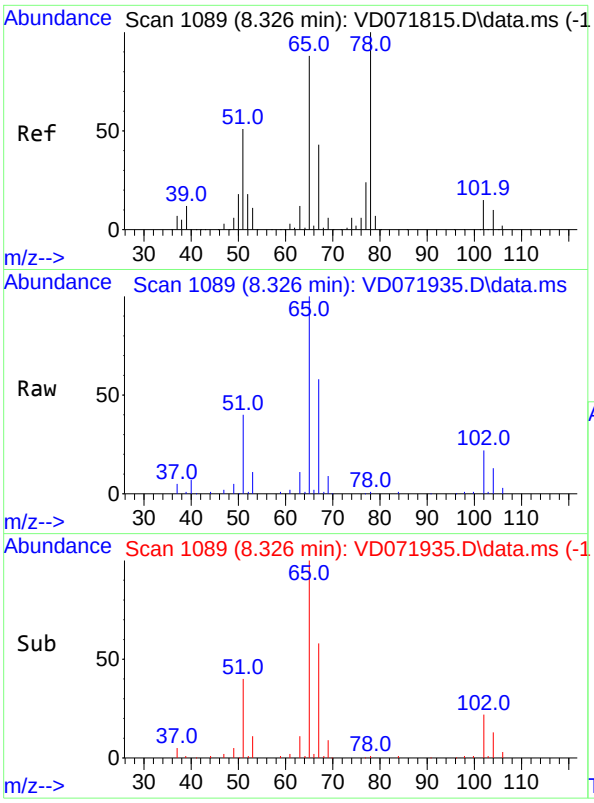


#16
Acetone
Concen: 45.328 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Tgt Ion: 43 Resp: 21034

Ion	Ratio	Lower	Upper
43	100		
58	35.8	22.1	33.1#



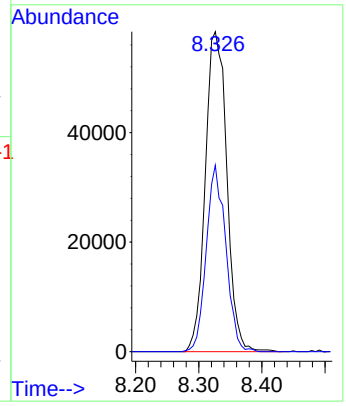


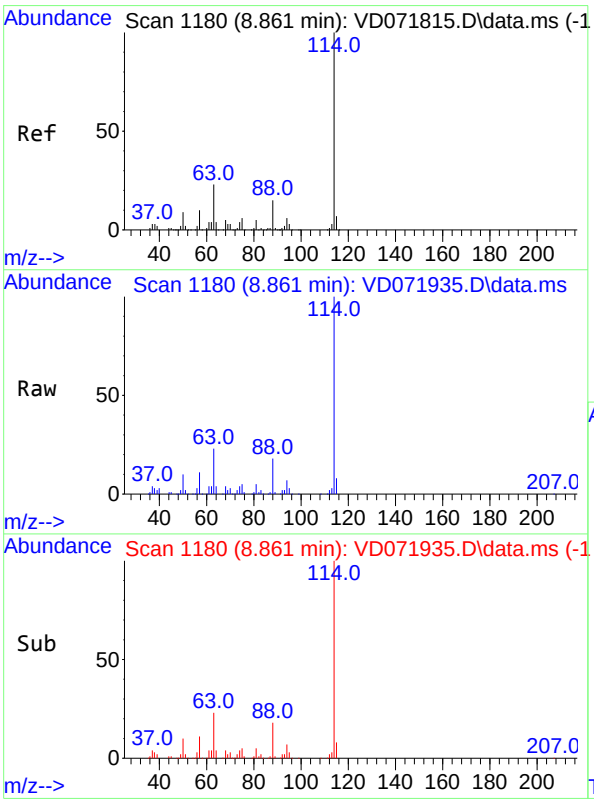
#33
1,2-Dichloroethane-d4
Concen: 81.467 ug/l
RT: 8.326 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Tgt Ion: 65 Resp: 138101

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	101.4

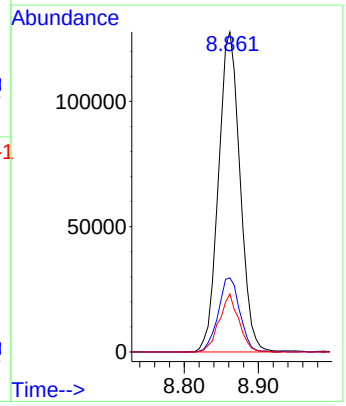


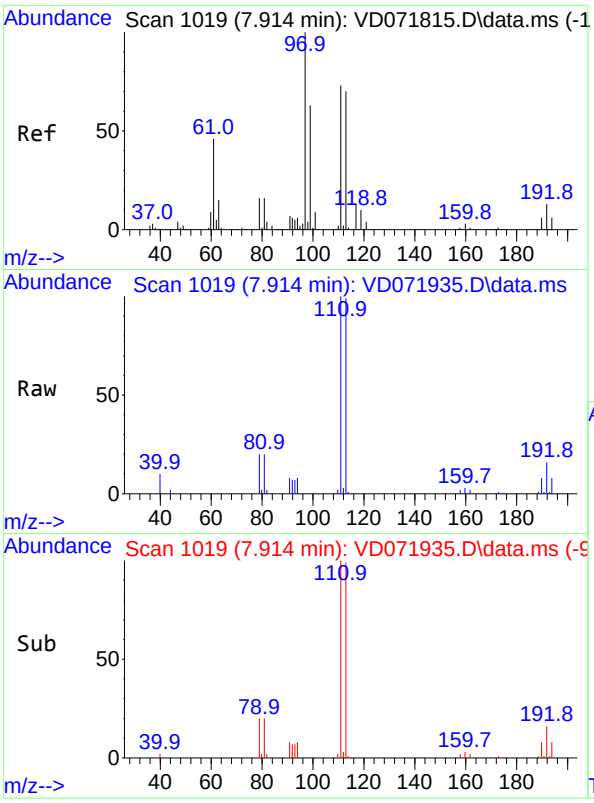


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Tgt Ion:114 Resp: 257634

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.6
88	18.1	0.0	33.2



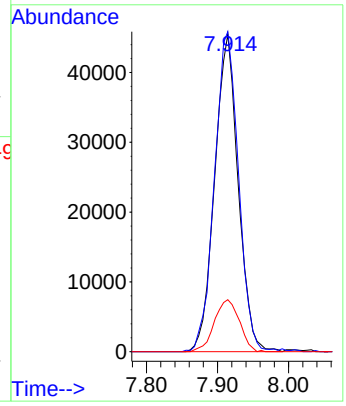


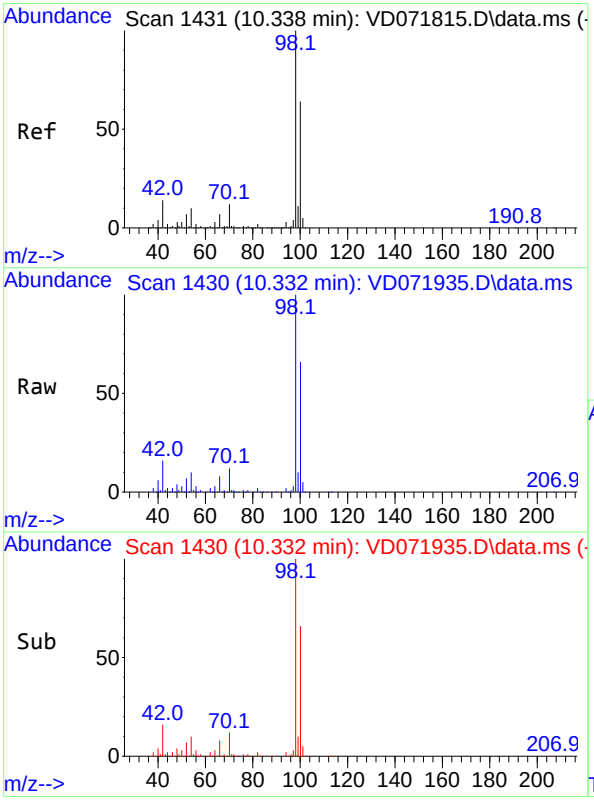
#35
Dibromofluoromethane
Concen: 61.521 ug/l
RT: 7.914 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Tgt Ion:113 Resp: 104186

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	17.5	14.6	21.8

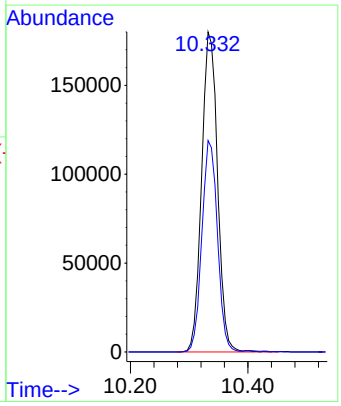


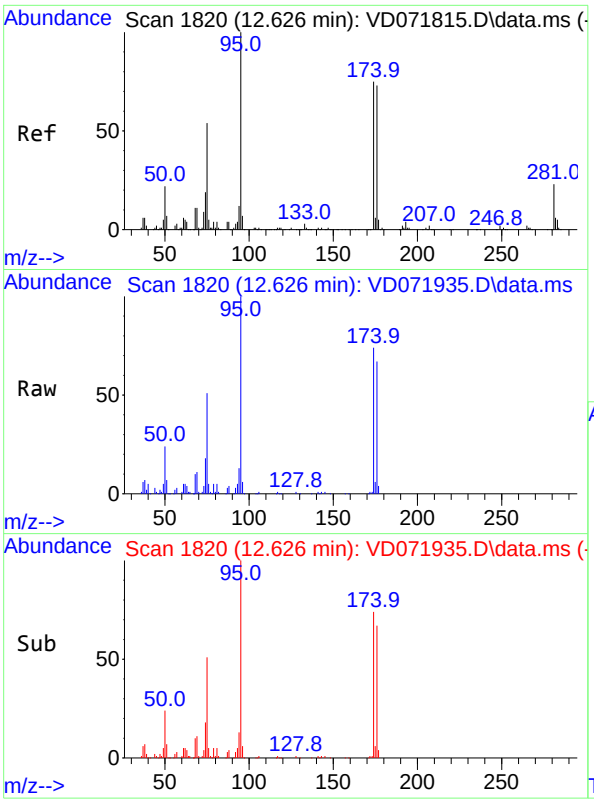


#50
Toluene-d8
Concen: 53.552 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Tgt Ion: 98 Resp: 338698

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.4	78.6



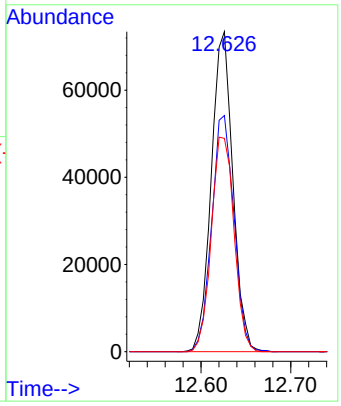


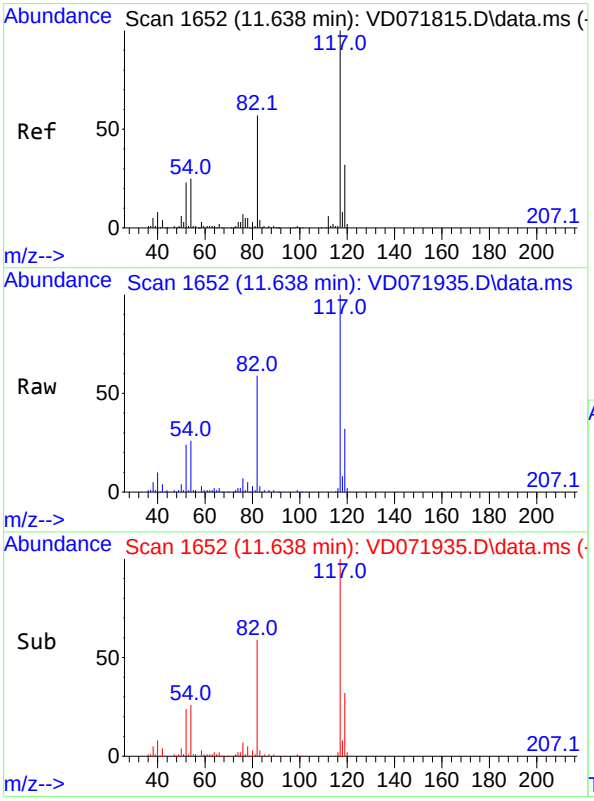
#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.626 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Tgt Ion: 95 Resp: 122454

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	152.8
176	70.7	0.0	145.4

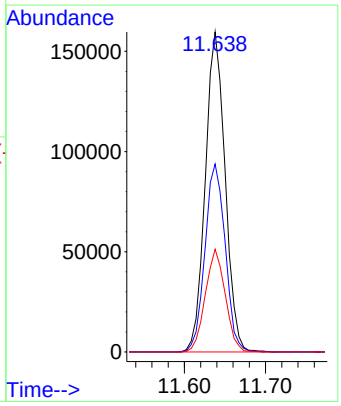


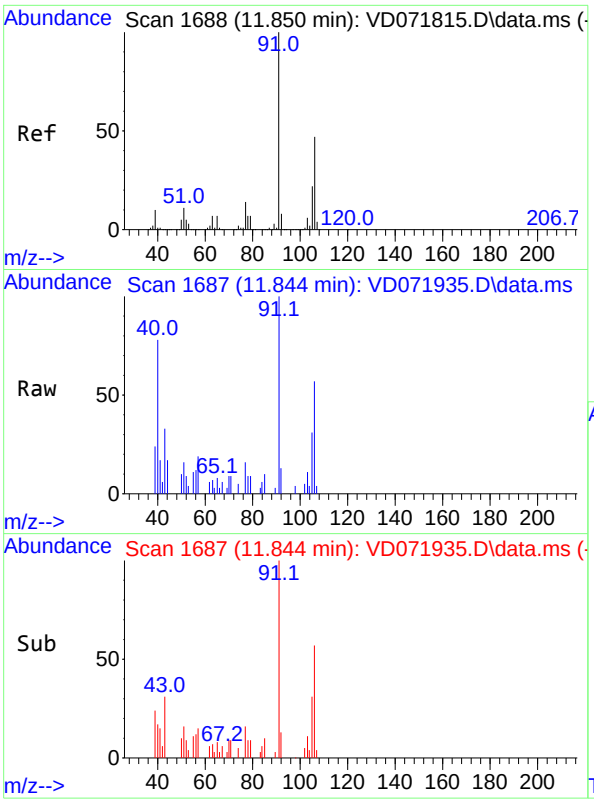


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Tgt Ion:117 Resp: 271005

Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.3	67.9
119	32.1	26.6	40.0



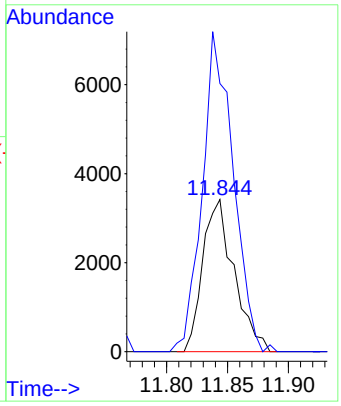


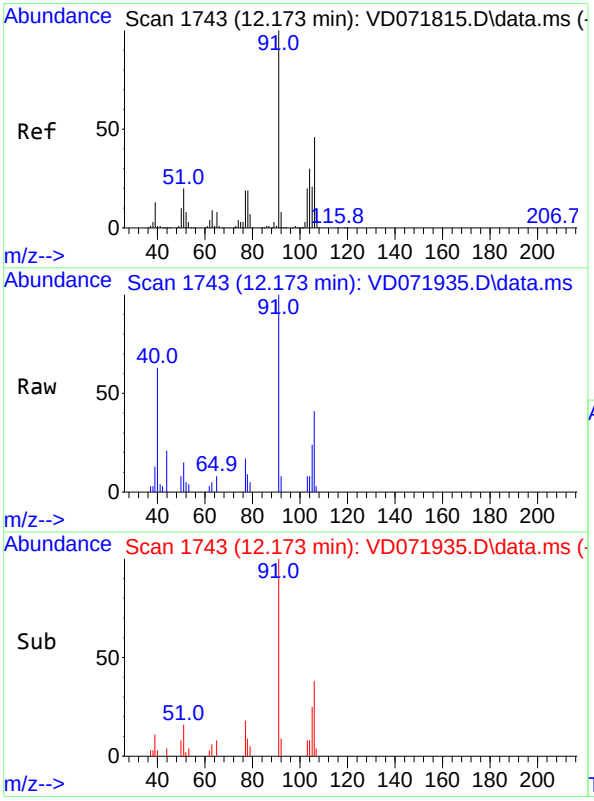
#68
m/p-Xylenes
Concen: 1.520 ug/l
RT: 11.844 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Tgt Ion:106 Resp: 6098

Ion	Ratio	Lower	Upper
106	100		
91	207.9	163.7	245.5

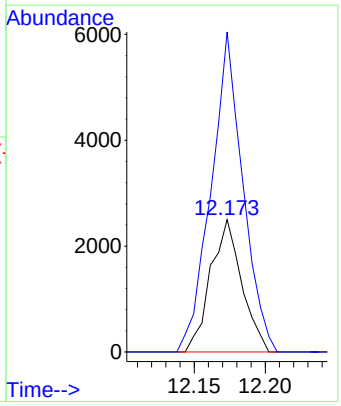


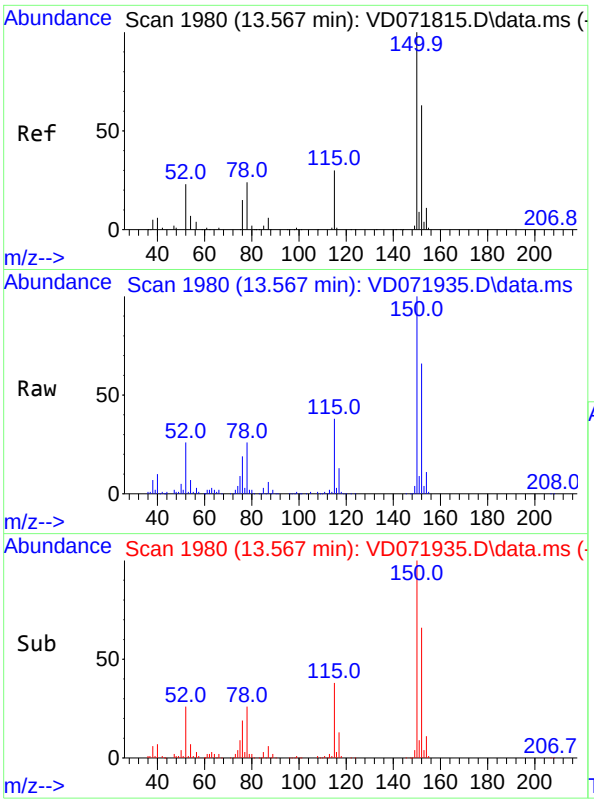


#69
o-Xylene
Concen: 1.046 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Tgt Ion:106 Resp: 3813

Ion	Ratio	Lower	Upper
106	100		
91	246.8	110.4	331.2



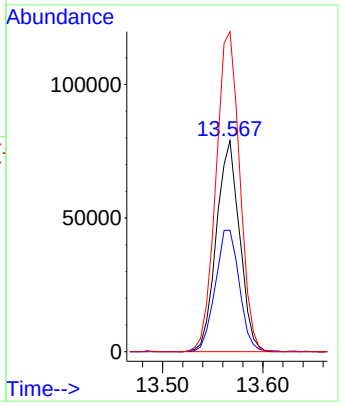


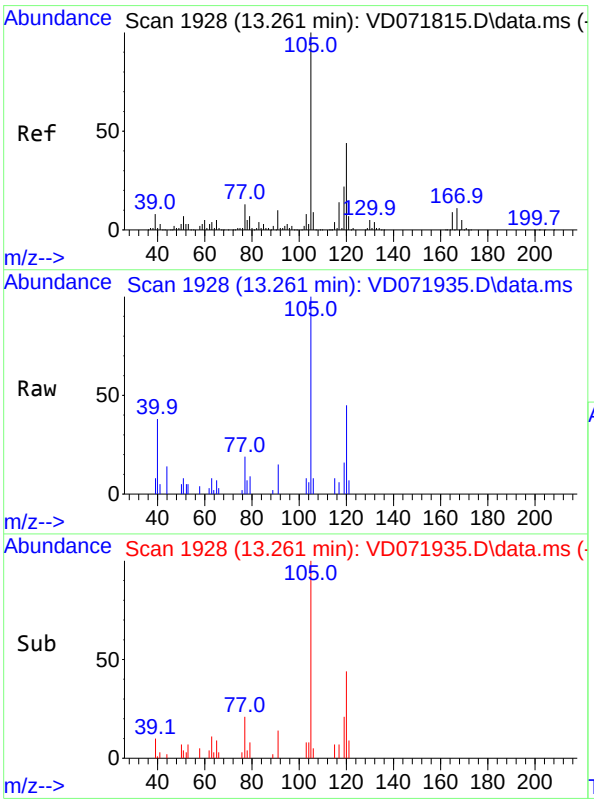
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022

Tgt Ion:152 Resp: 126874

Ion	Ratio	Lower	Upper
152	100		
115	59.9	31.3	93.8
150	155.5	0.0	348.6





#84
1,2,4-Trimethylbenzene
Concen: 1.946 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071935.D
Acq: 11 Feb 2022 13:47

Tgt Ion:105 Resp: 15596

Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.3	66.8