Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
Data File : VD073783.D
Acq On : 05 Jul 2022 19:35
Operator : VA/SY
Sample : N3562-12
Misc : 7.72G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Quant Time: Jul 06 02:52:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 05 10:05:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	107461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	216452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	189677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	66028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	63236	60.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.640%			
35) Dibromofluoromethane	7.909	113	61682	52.457	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.920%			
50) Toluene-d8	10.332	98	175657	40.725	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 81.440%#			
62) 4-Bromofluorobenzene	12.620	95	69410	40.800	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 81.600%#			
Target Compounds						Qvalue
16) Acetone	4.150	43	17288	79.264	ug/l	96
17) Carbon Disulfide	4.403	76	6538	4.729	ug/l	96
25) 2-Butanone	7.220	43	4604	12.854	ug/l	97
52) Toluene	10.397	92	5906	1.836	ug/l	94
68) m/p-Xylenes	11.838	106	3125	1.278	ug/l	87

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

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MSVOA_D
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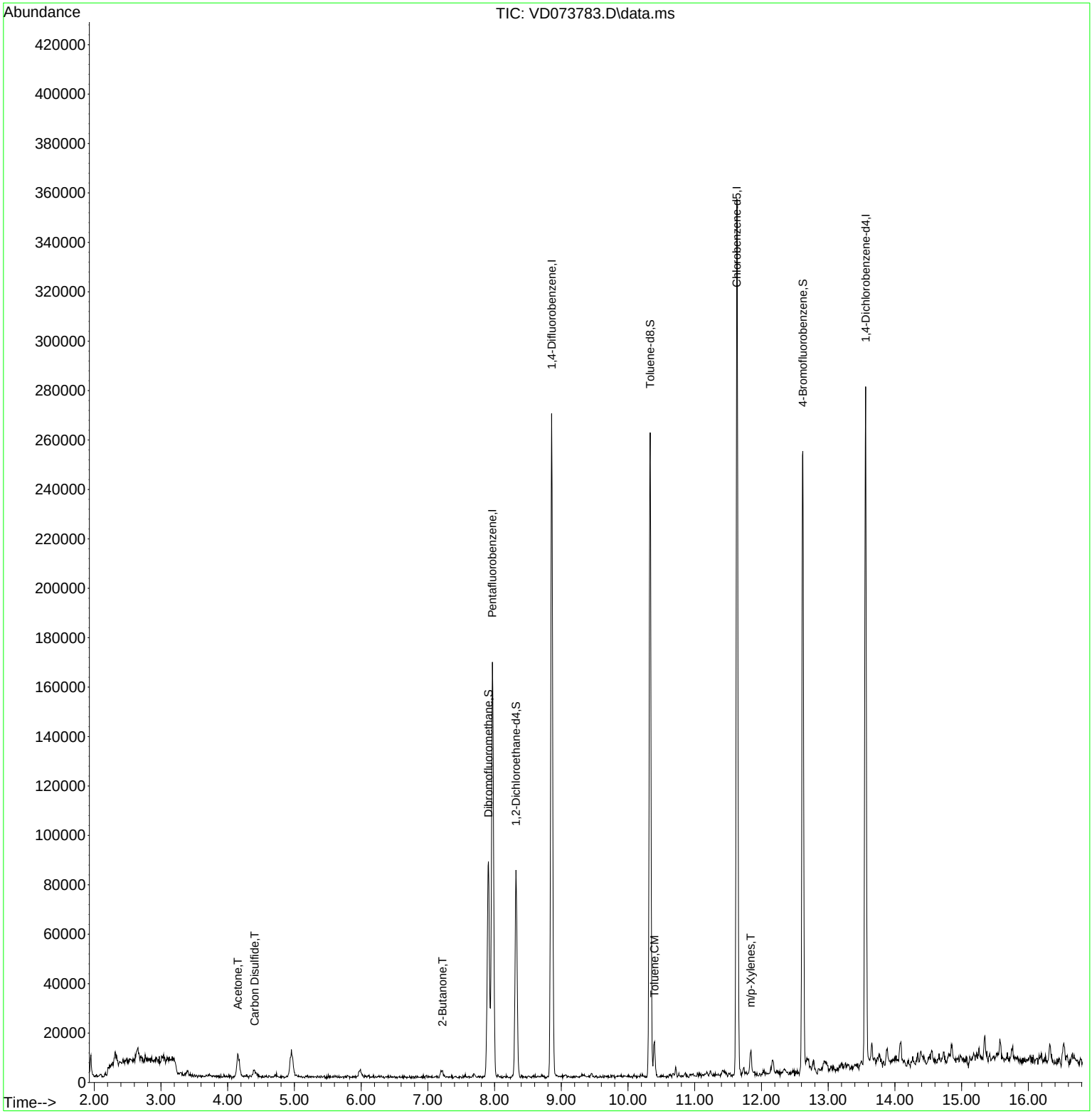
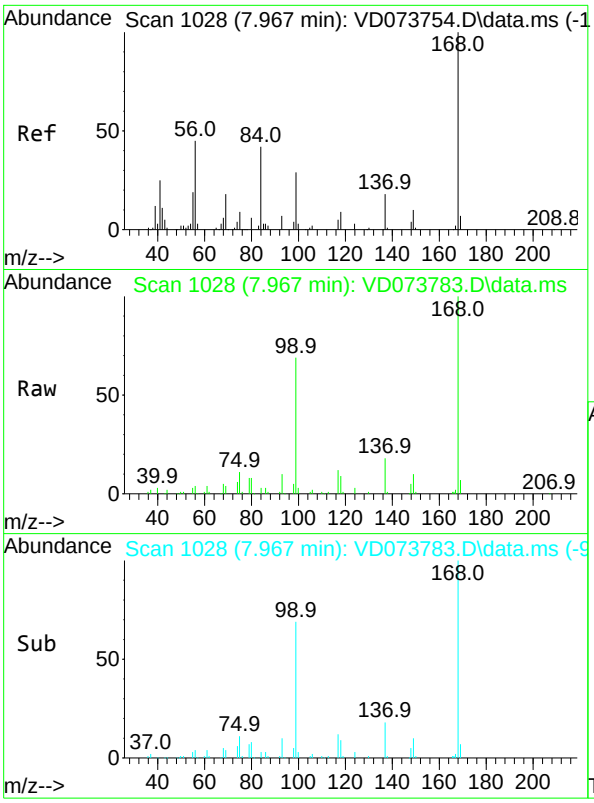
SB-12B

Quant Time: Jul 06 02:52:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 05 10:05:34 2022
Response via : Initial Calibration



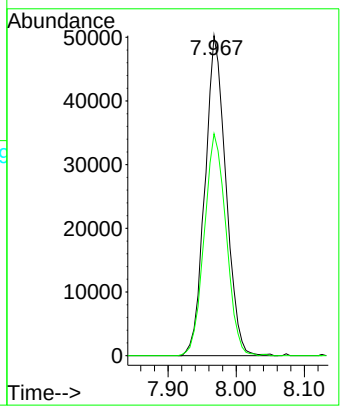


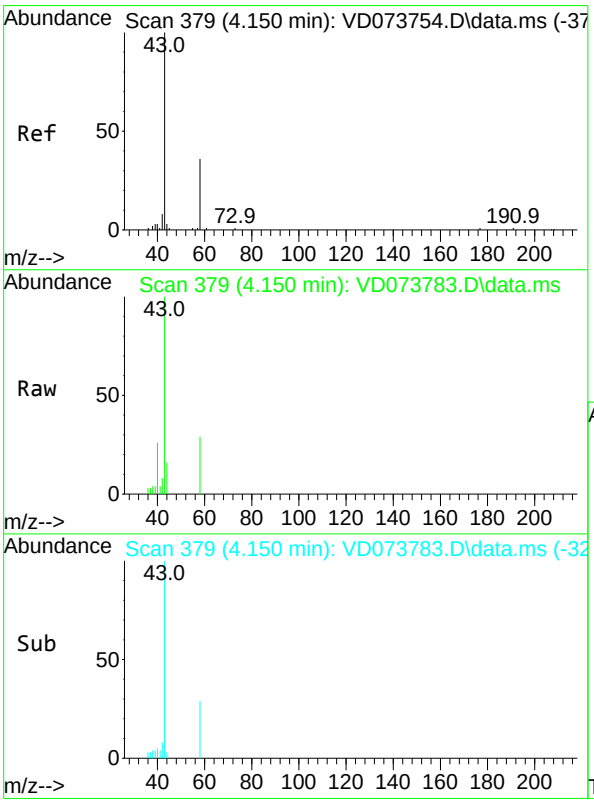
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion:168 Resp: 107461

Ion	Ratio	Lower	Upper
168	100		
99	69.4	46.4	69.6

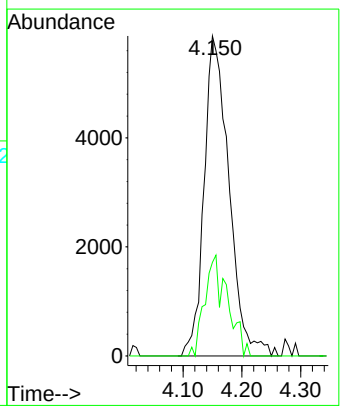


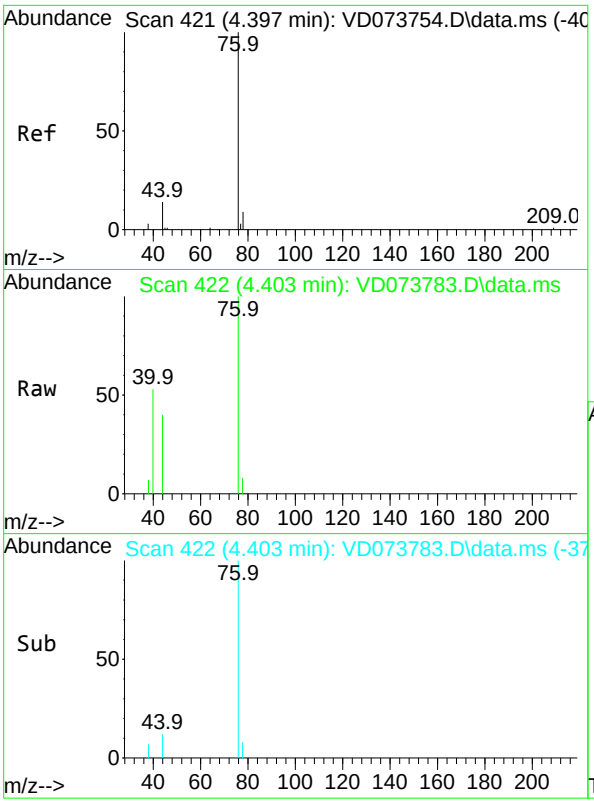


#16
Acetone
Concen: 79.264 ug/l
RT: 4.150 min Scan# 379
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 43 Resp: 17288

Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.2	37.8



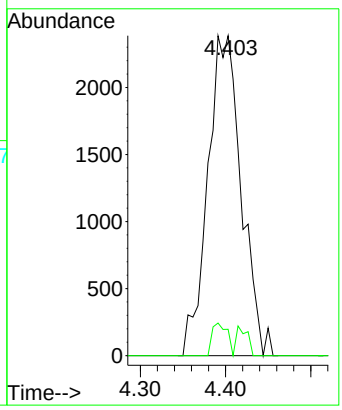


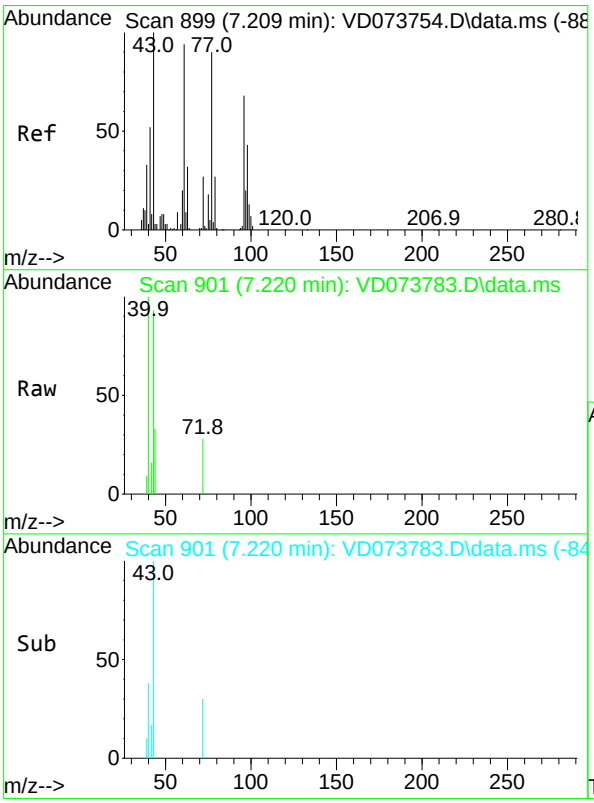
#17
Carbon Disulfide
Concen: 4.729 ug/l
RT: 4.403 min Scan# 4
Delta R.T. 0.006 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion: 76 Resp: 6538

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.7	11.5

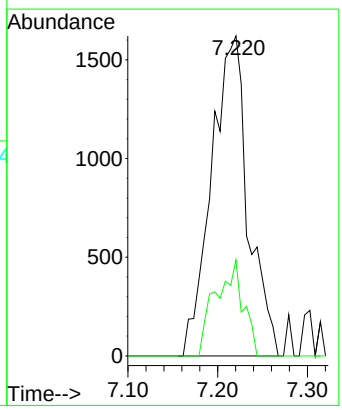


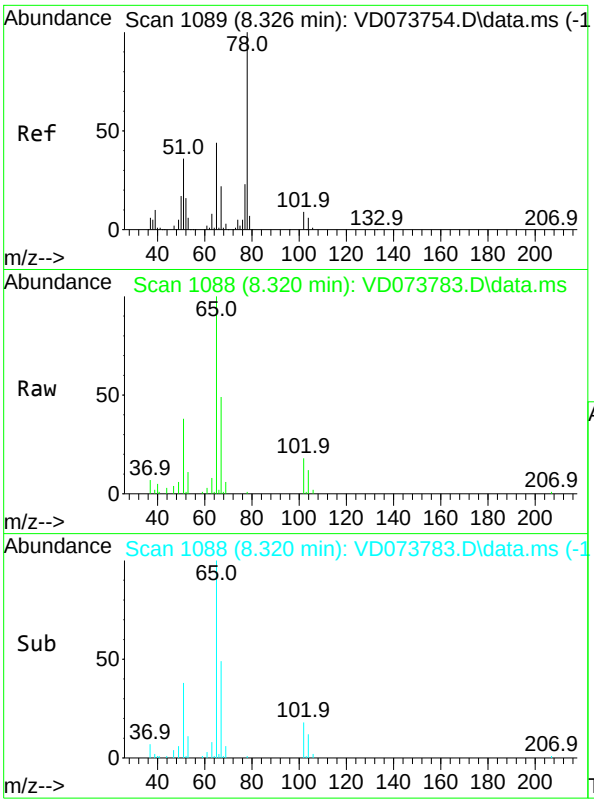


#25
2-Butanone
Concen: 12.854 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 43 Resp: 4604

Ion	Ratio	Lower	Upper
43	100		
72	30.0	22.6	33.8



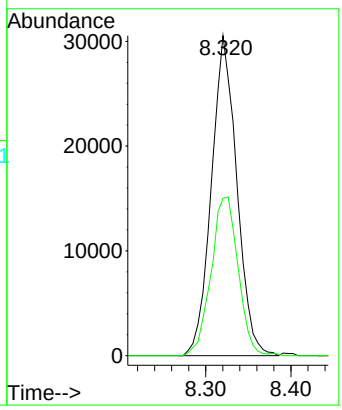


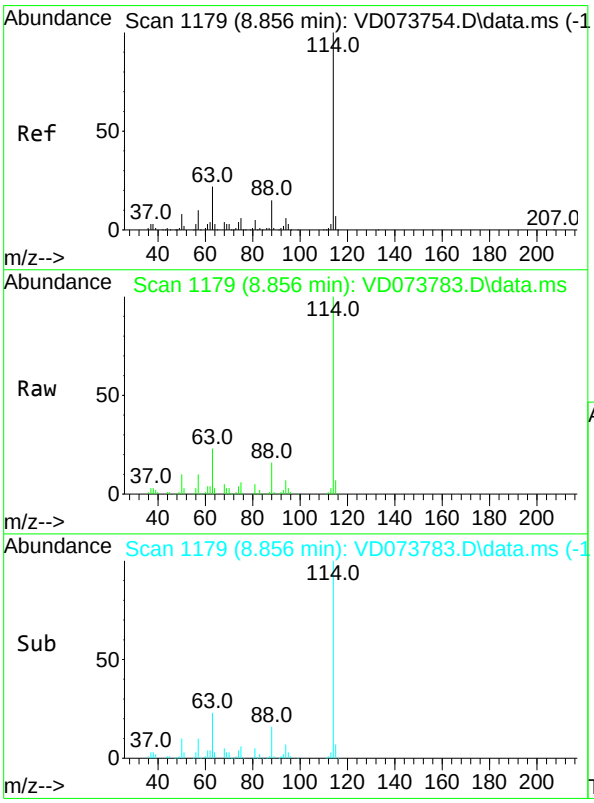
#33
1,2-Dichloroethane-d4
Concen: 60.321 ug/l
RT: 8.320 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion: 65 Resp: 63236

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.2

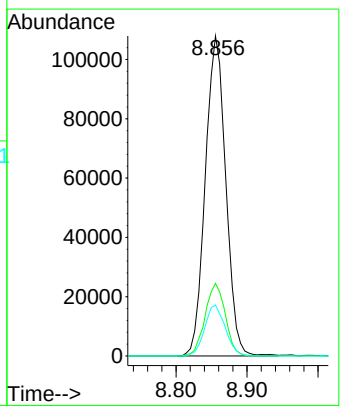


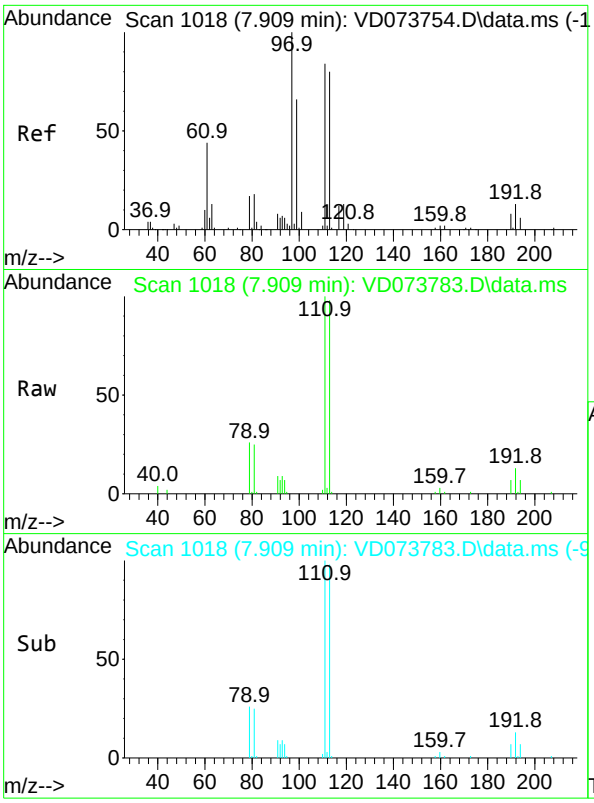


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion:114 Resp: 216452

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	39.2
88	15.9	0.0	29.4



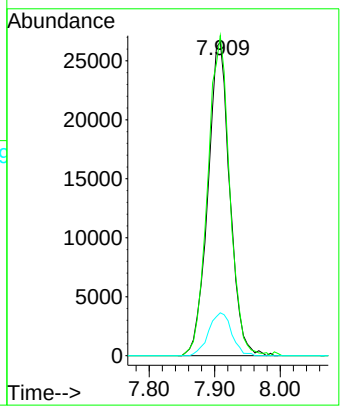


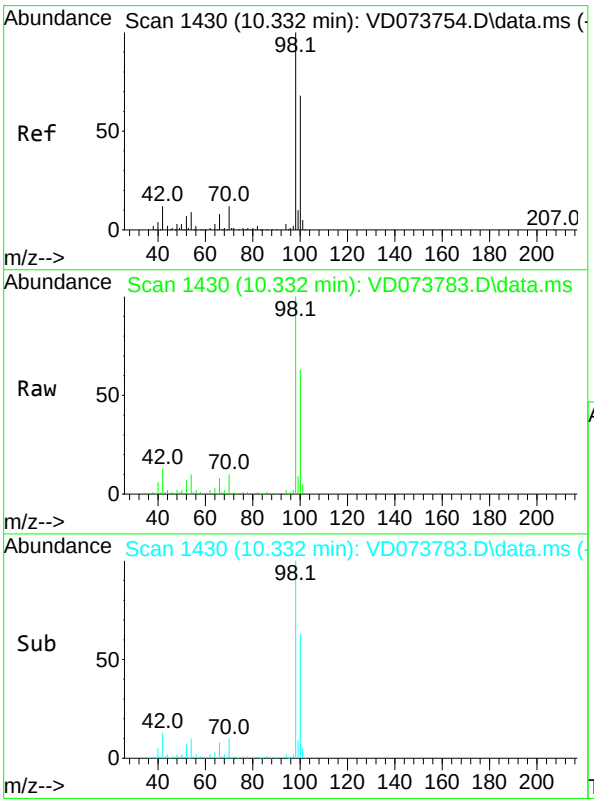
#35
Dibromofluoromethane
Concen: 52.457 ug/l
RT: 7.909 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion:113 Resp: 61682

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	14.3	14.8	22.2#

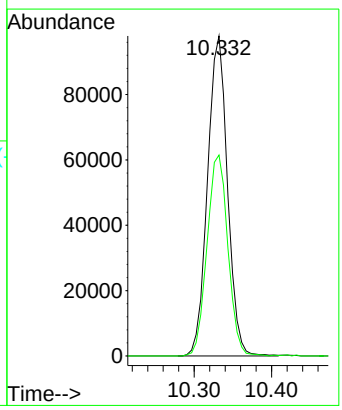


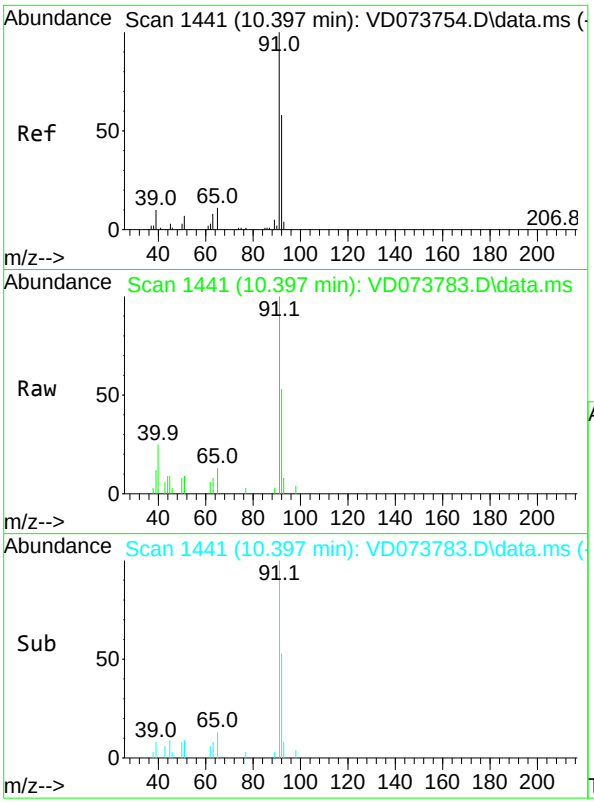


#50
Toluene-d8
Concen: 40.725 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 98 Resp: 175657

Ion	Ratio	Lower	Upper
98	100		
100	65.5	54.0	81.0



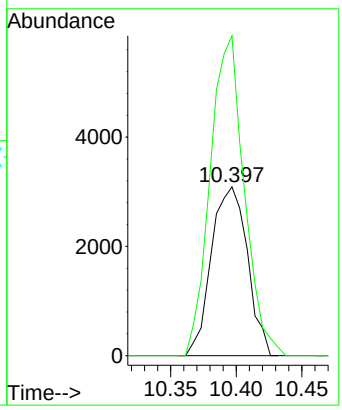


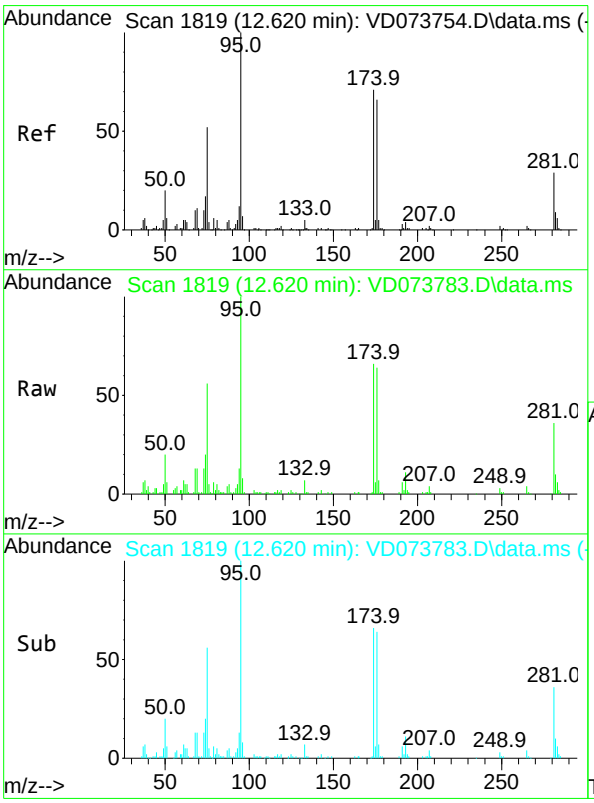
#52
Toluene
Concen: 1.836 ug/l
RT: 10.397 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion: 92 Resp: 5906

Ion	Ratio	Lower	Upper
92	100		
91	178.9	136.1	204.1

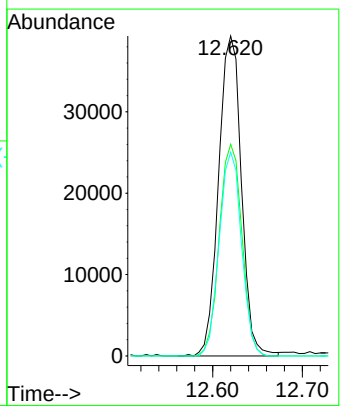


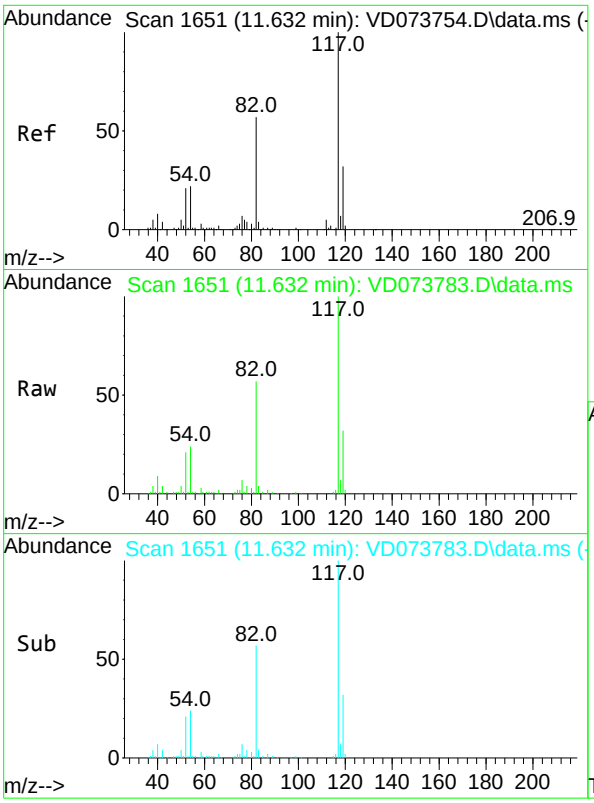


#62
4-Bromofluorobenzene
Concen: 40.800 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 95 Resp: 69410

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	158.4
176	62.2	0.0	154.8



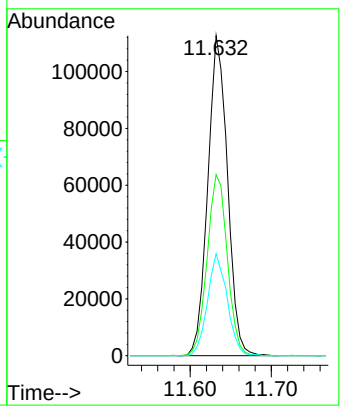


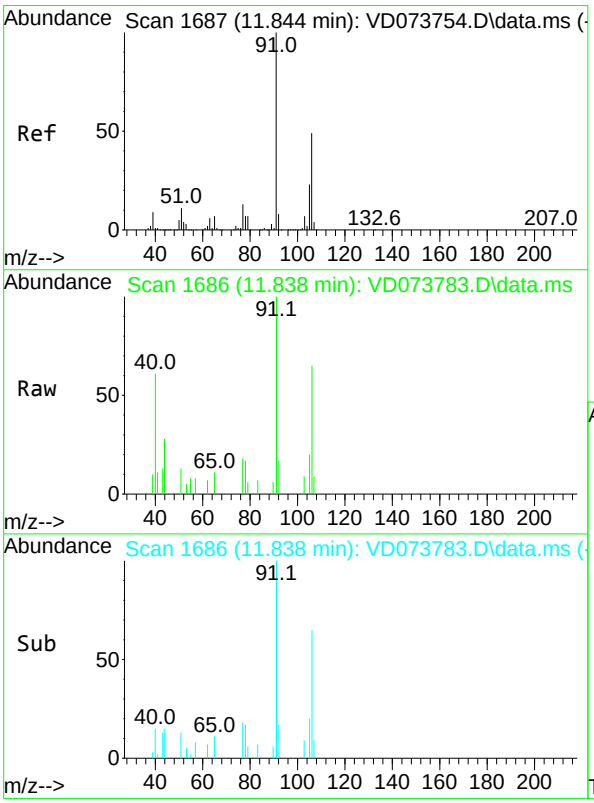
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion:117 Resp: 189677

Ion	Ratio	Lower	Upper
117	100		
82	56.6	41.5	62.3
119	31.8	27.1	40.7

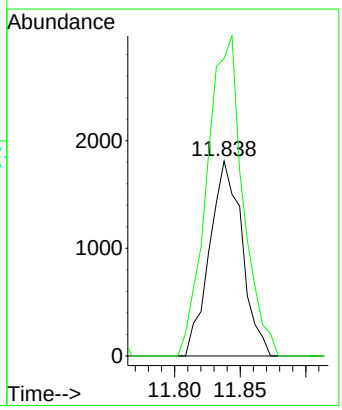


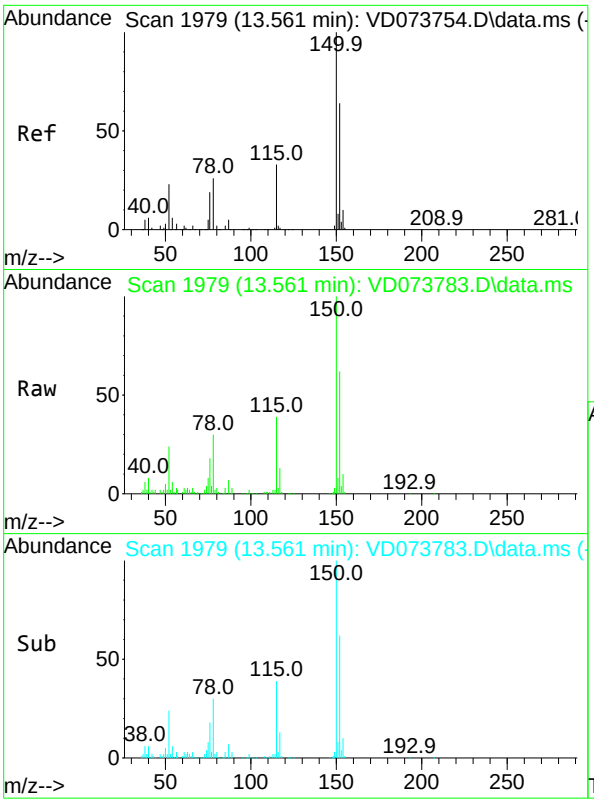


#68
m/p-Xylenes
Concen: 1.278 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Tgt Ion:106 Resp: 3125

Ion	Ratio	Lower	Upper
106	100		
91	182.0	161.4	242.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073783.D
Acq: 05 Jul 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-12B

Tgt Ion:152 Resp: 66028

Ion	Ratio	Lower	Upper
152	100		
115	64.6	30.6	91.6
150	157.1	0.0	355.0