Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
Data File : VD073496.D
Acq On : 07 Jun 2022 13:09
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jun 08 06:45:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	350487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	669106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	750805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	389749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175772	45.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.760%			
35) Dibromofluoromethane	7.908	113	202289	45.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.640%			
50) Toluene-d8	10.332	98	916528	56.313	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.620%			
62) 4-Bromofluorobenzene	12.620	95	379479	66.438	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 132.880%			
Target Compounds						Qvalue
16) Acetone	4.144	43	8486	12.649	ug/l #	63
31) Cyclohexane	7.979	56	13683	2.021	ug/l #	31
39) Methylcyclohexane	9.350	83	405984	54.860	ug/l	100
73) Isopropylbenzene	12.467	105	38165	1.374	ug/l	96
78) n-propylbenzene	12.808	91	46676	1.338	ug/l	98

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

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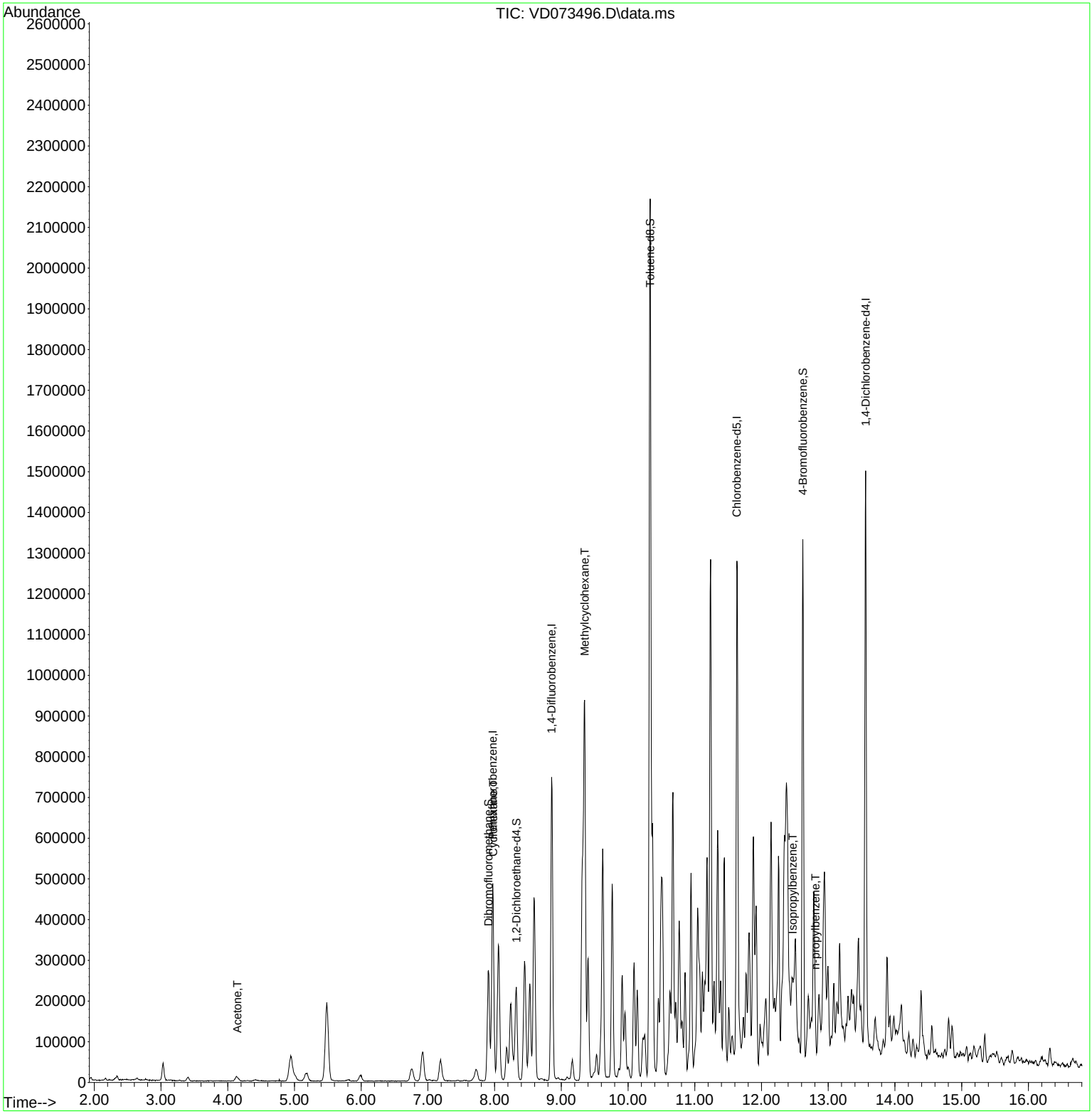
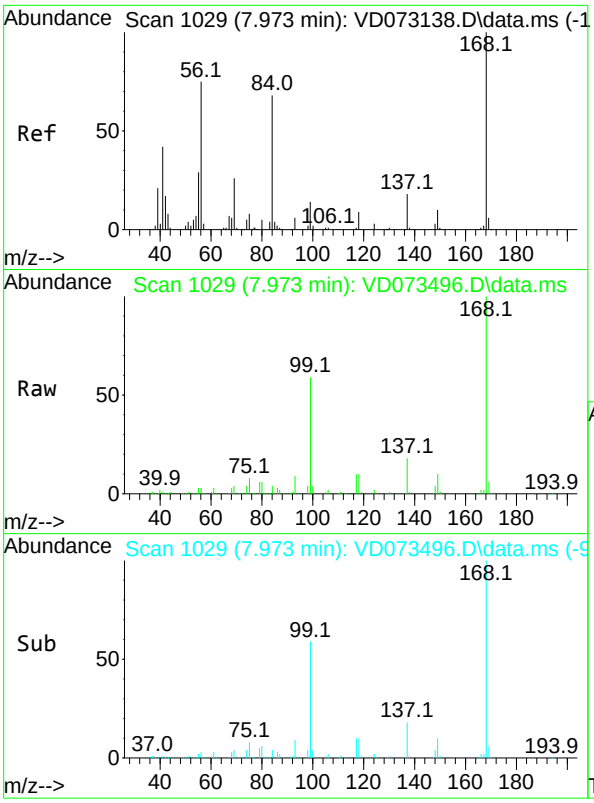


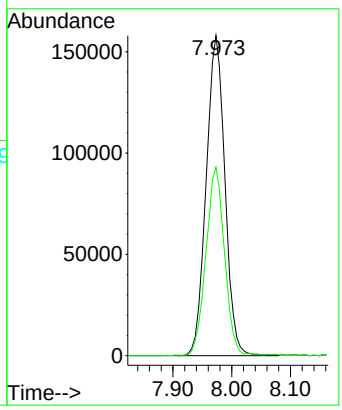


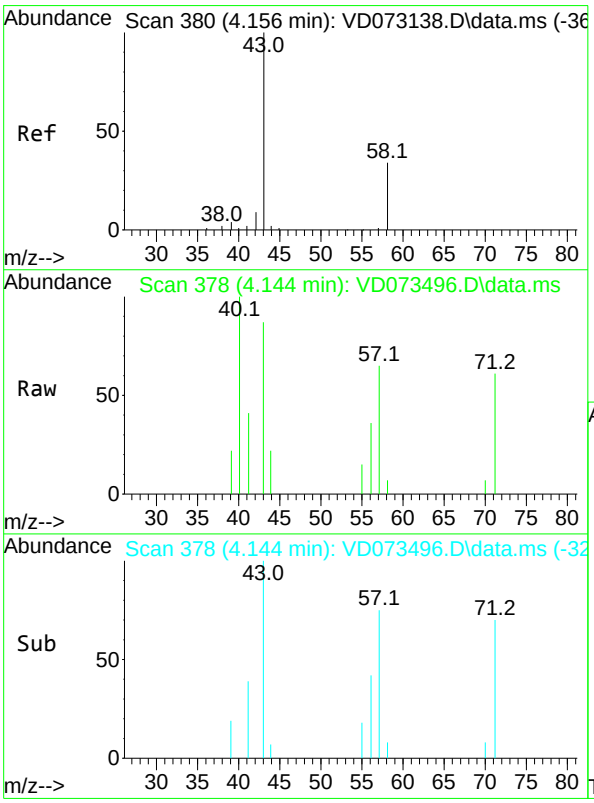
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 350487

Ion	Ratio	Lower	Upper
168	100		
99	58.7	49.8	74.6

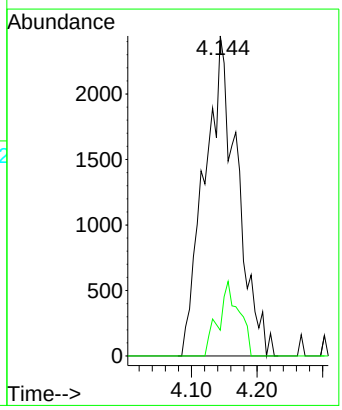


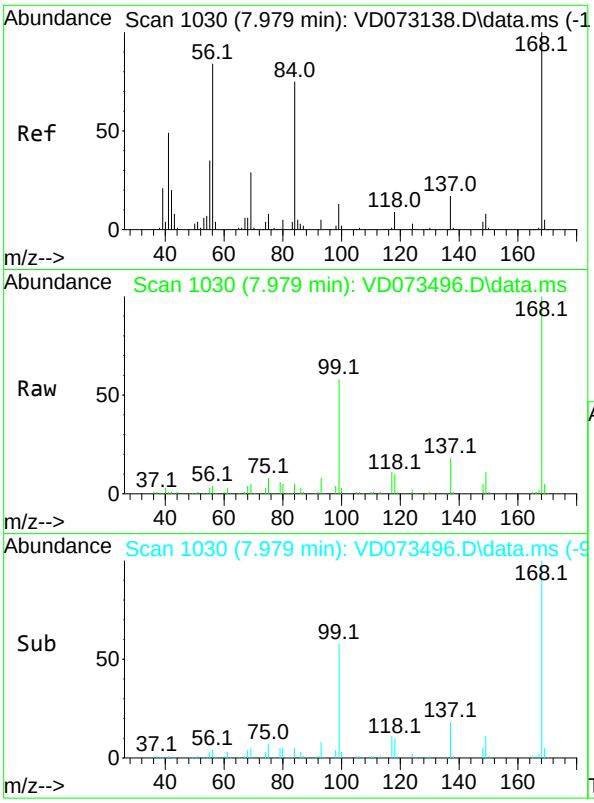


#16
Acetone
Concen: 12.649 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Tgt Ion: 43 Resp: 8486

Ion	Ratio	Lower	Upper
43	100		
58	8.1	22.1	33.1#



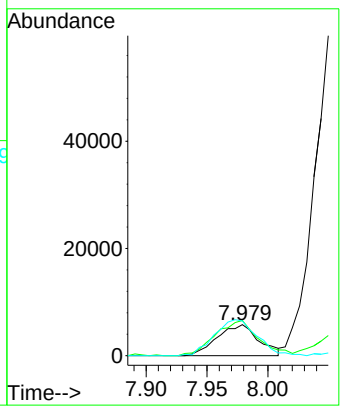


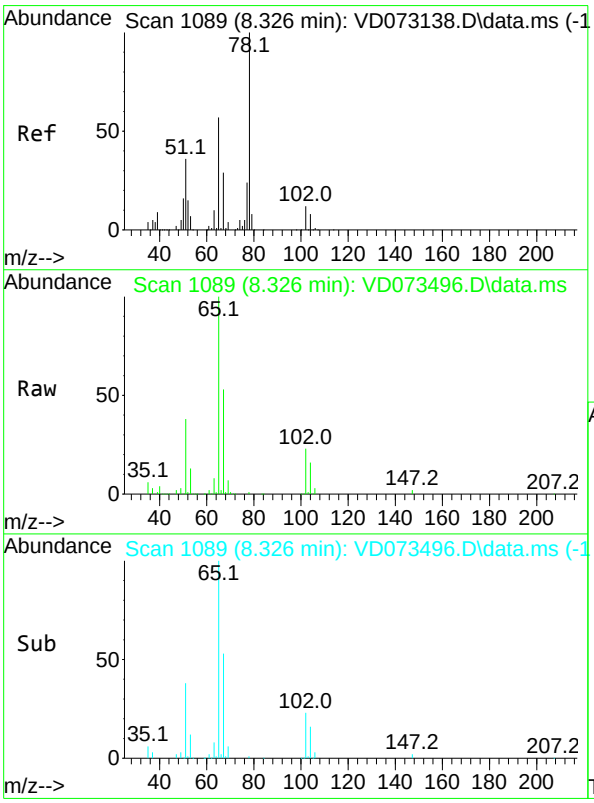
#31
Cyclohexane
Concen: 2.021 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 13683

Ion	Ratio	Lower	Upper
56	100		
69	113.0	25.4	38.2#
84	111.8	63.0	94.4#

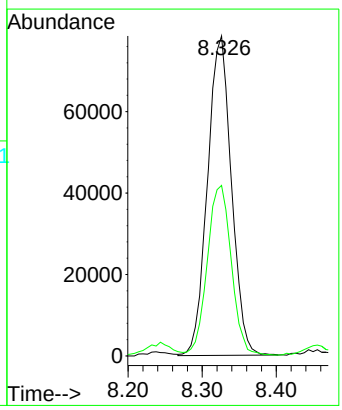


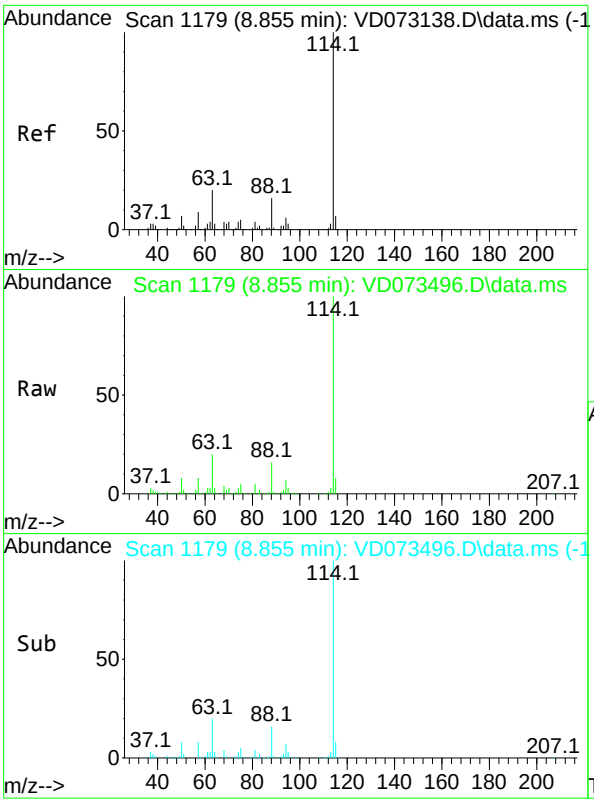


#33
1,2-Dichloroethane-d4
Concen: 45.380 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Tgt Ion: 65 Resp: 175772

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	101.4



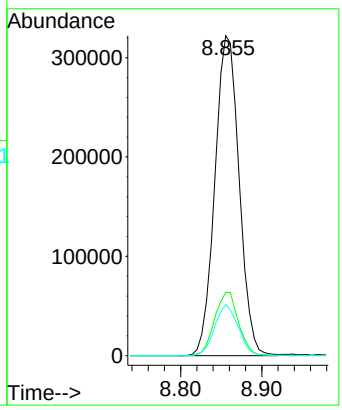


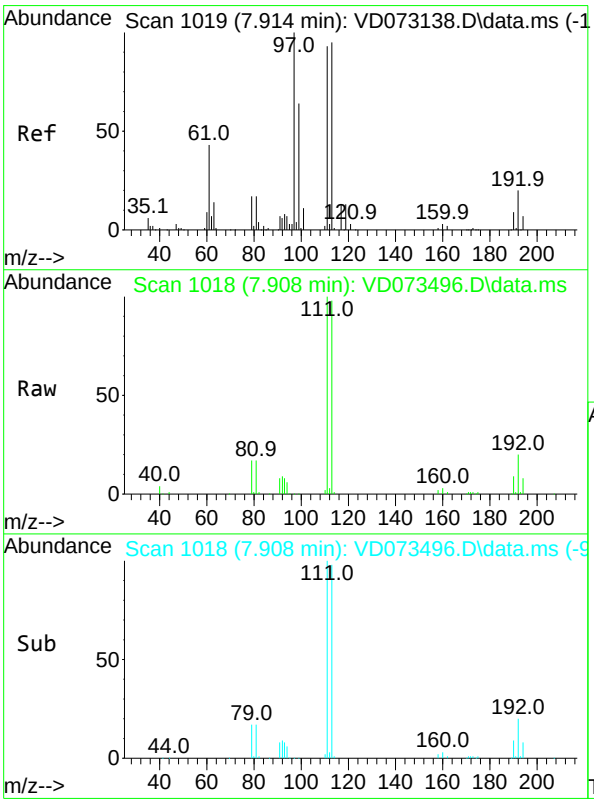
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 669106

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	46.6
88	16.0	0.0	33.2

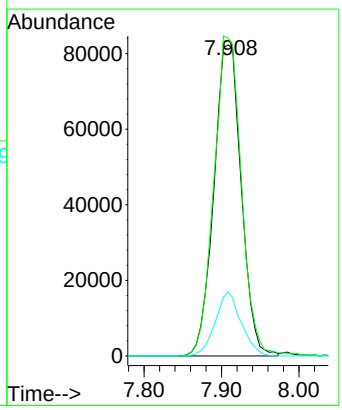


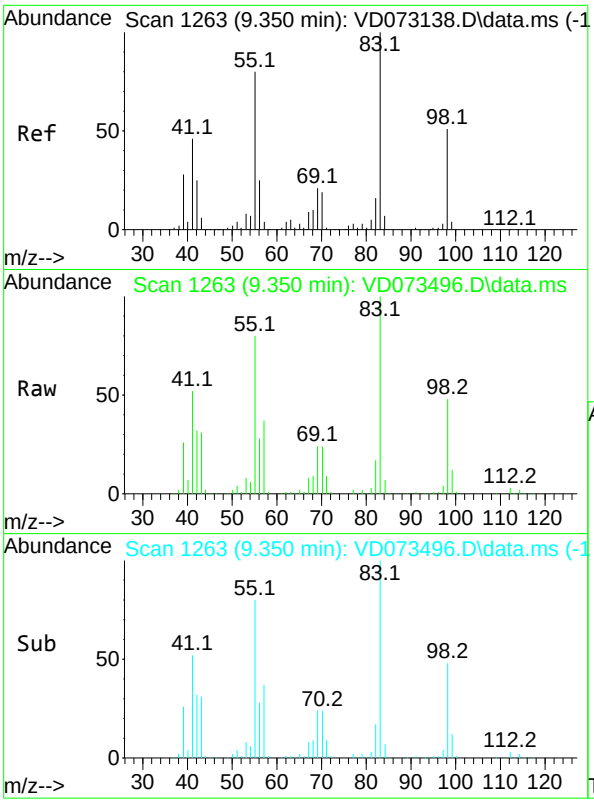


#35
Dibromofluoromethane
Concen: 45.816 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Tgt Ion:113 Resp: 202289

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.8	125.6
192	19.5	14.6	21.8



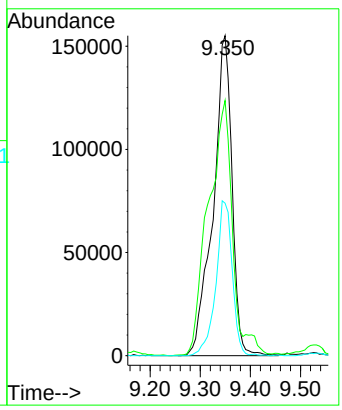


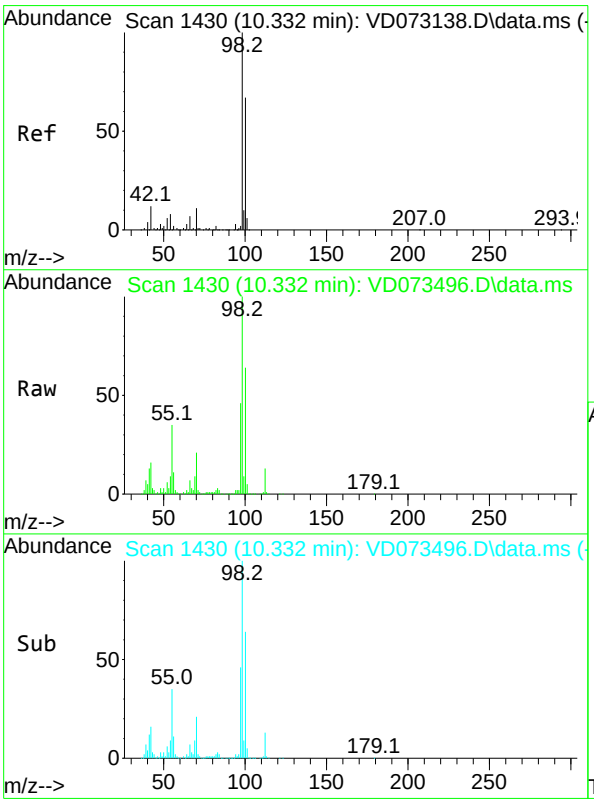
#39
Methylcyclohexane
Concen: 54.860 ug/l
RT: 9.350 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 83 Resp: 405984

Ion	Ratio	Lower	Upper
83	100		
55	79.5	63.2	94.8
98	47.6	38.2	57.4

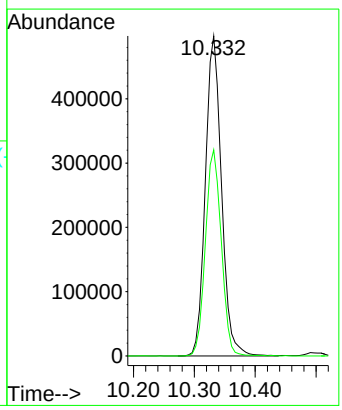


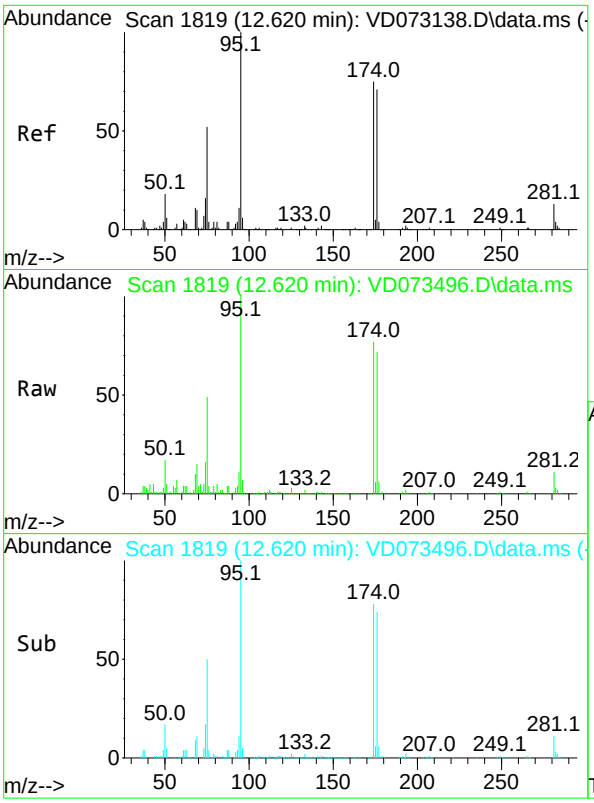


#50
Toluene-d8
Concen: 56.313 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Tgt Ion: 98 Resp: 916528

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.4	78.6



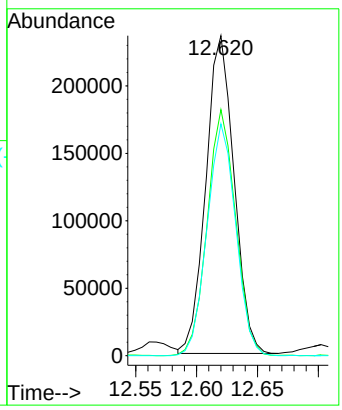


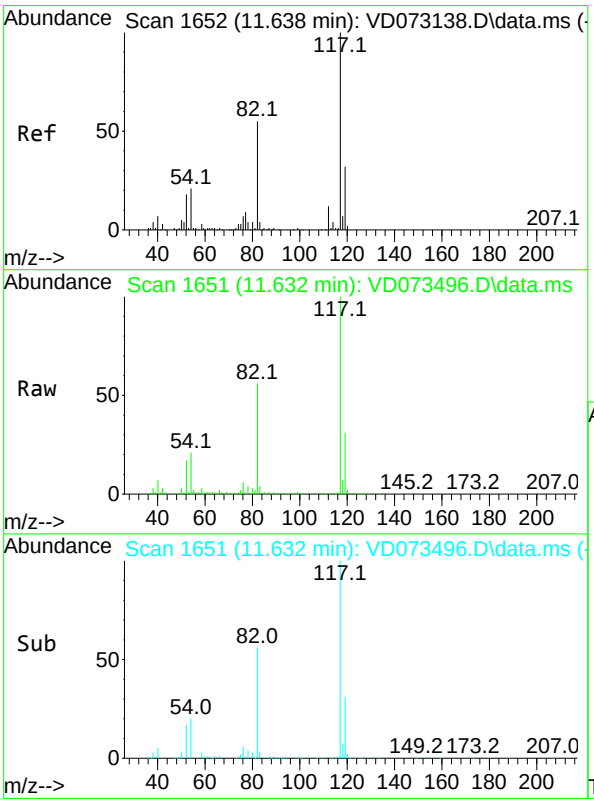
#62
4-Bromofluorobenzene
Concen: 66.438 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 379479

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	152.8
176	74.0	0.0	145.4

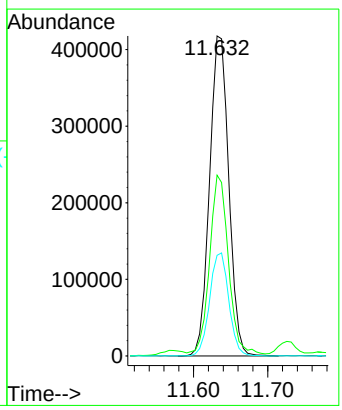


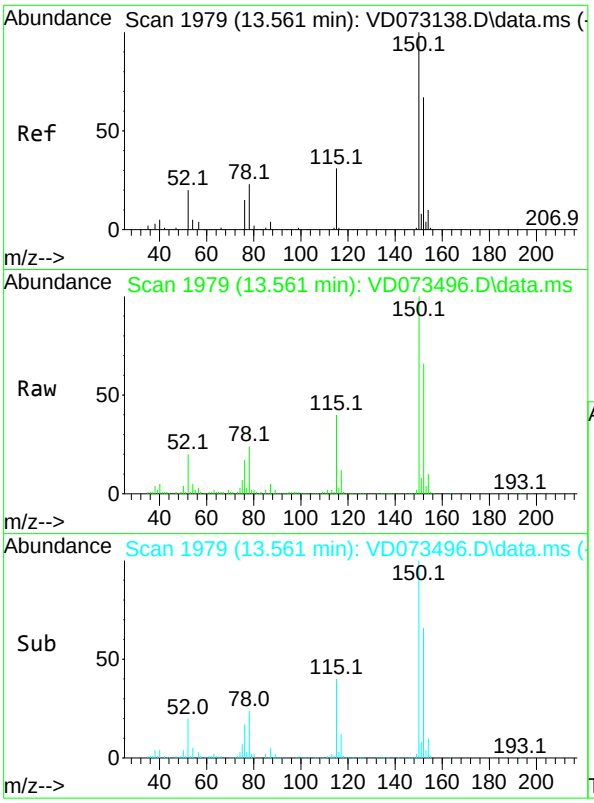


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Tgt Ion:117 Resp: 750805

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.3	67.9
119	31.4	26.6	40.0



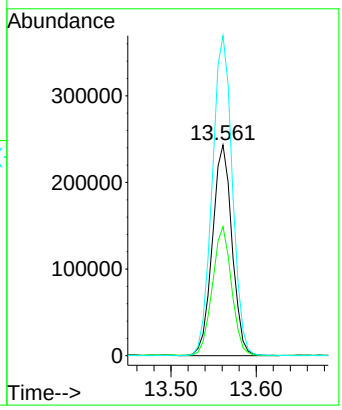


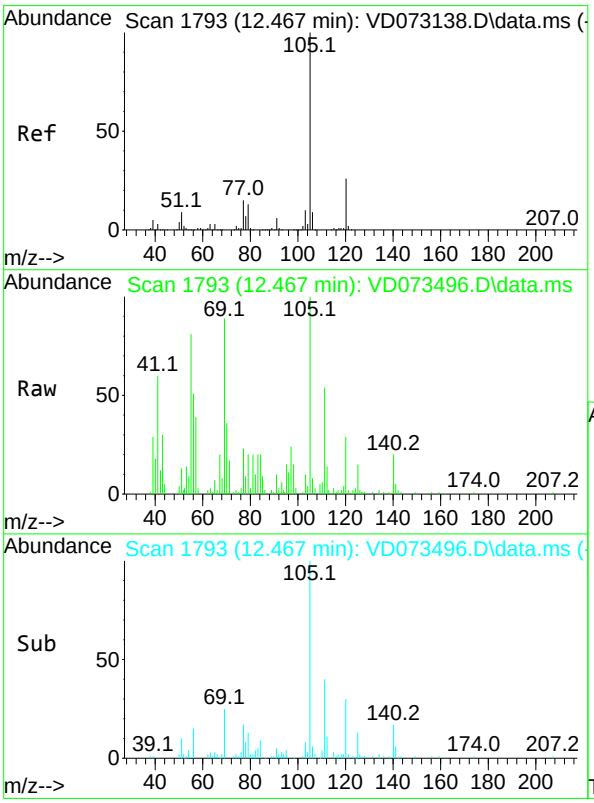
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 389749

Ion	Ratio	Lower	Upper
152	100		
115	59.4	31.3	93.8
150	155.1	0.0	348.6

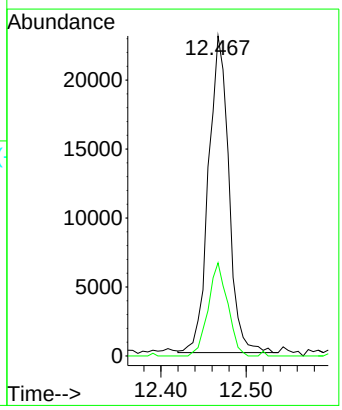


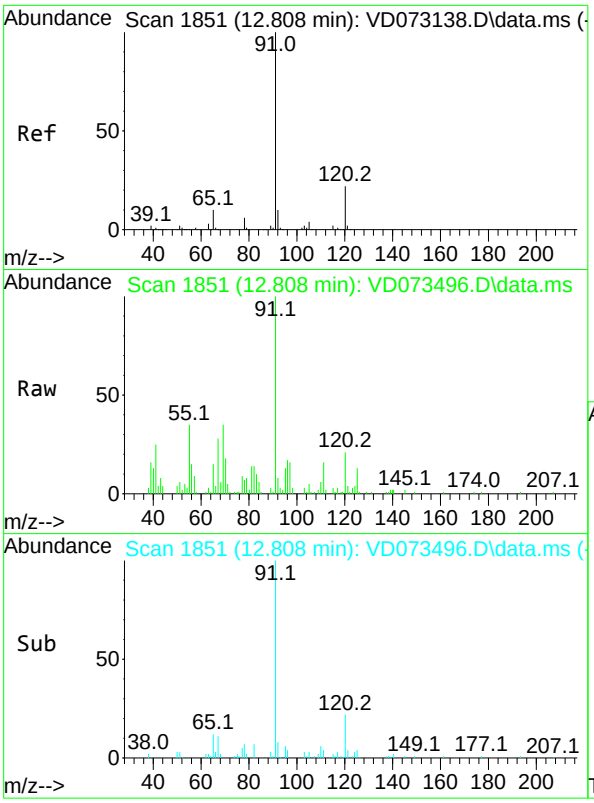


#73
Isopropylbenzene
Concen: 1.374 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Tgt Ion:105 Resp: 38165

Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.0	38.9





#78
n-propylbenzene
Concen: 1.338 ug/l
RT: 12.808 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073496.D
Acq: 07 Jun 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 46676

Ion	Ratio	Lower	Upper
91	100		
120	21.0	10.9	32.9