Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073811.D
Acq On : 07 Jul 2022 16:28
Operator : VA/SY
Sample : N3593-02
Misc : 4.88G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Quant Time: Jul 08 06:33:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 05:39:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	106373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	241121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	224625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	87873	67.140	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.280%			
35) Dibromofluoromethane	7.902	113	80071	54.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.240%			
50) Toluene-d8	10.332	98	306024	61.059	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 122.120%#			
62) 4-Bromofluorobenzene	12.620	95	107430	52.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 104.300%#			
Target Compounds						Qvalue
16) Acetone	4.150	43	98302	434.819	ug/l	90
17) Carbon Disulfide	4.397	76	58452	50.009	ug/l	100
25) 2-Butanone	7.208	43	38217	88.885	ug/l	97
39) Methylcyclohexane	9.338	83	6165	3.154	ug/l #	91
40) Benzene	8.344	78	6593	1.178	ug/l	95

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

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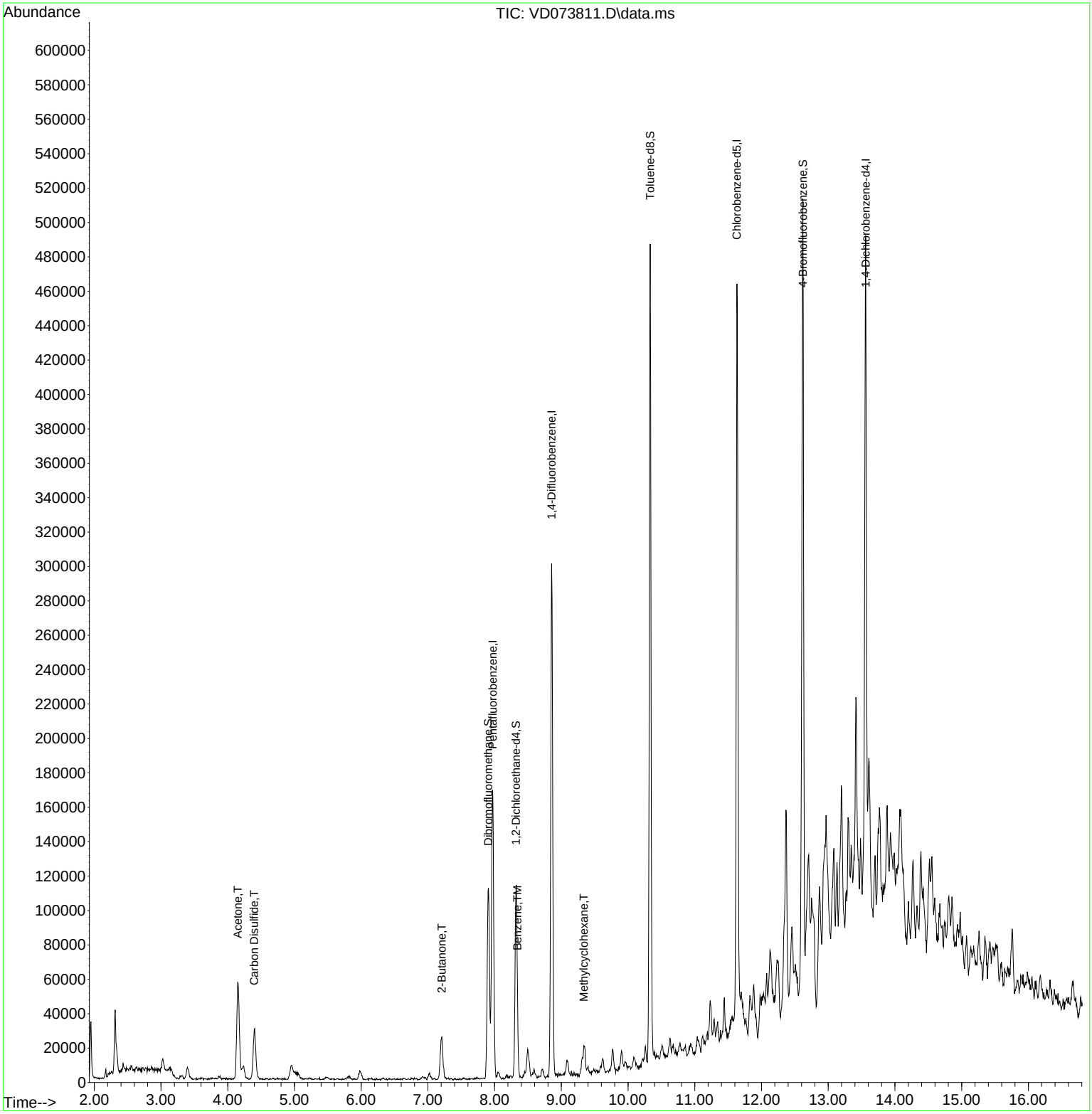
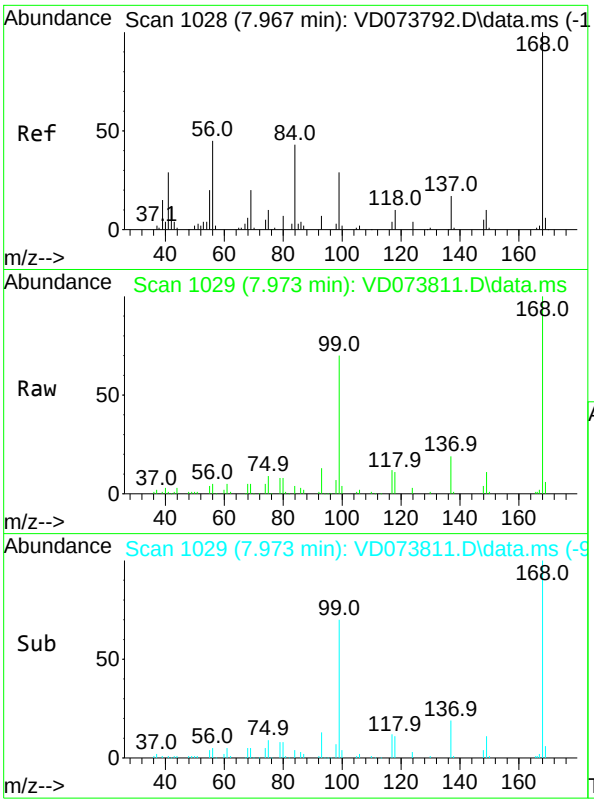


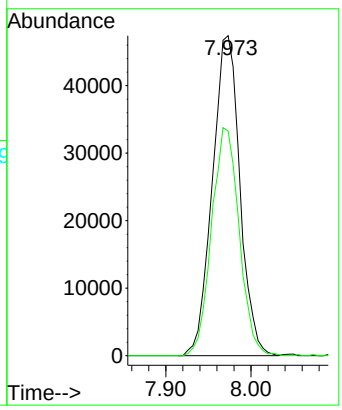


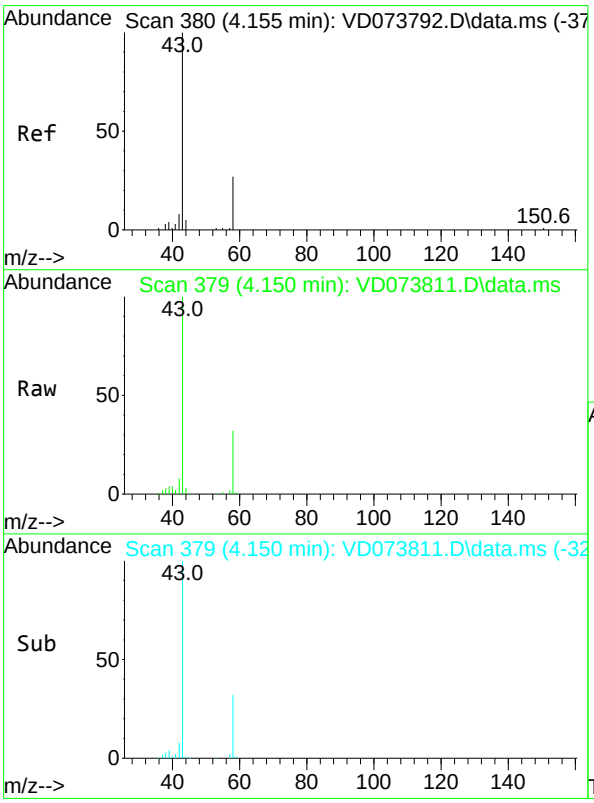
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion:168 Resp: 106373

Ion	Ratio	Lower	Upper
168	100		
99	70.2	58.4	87.6

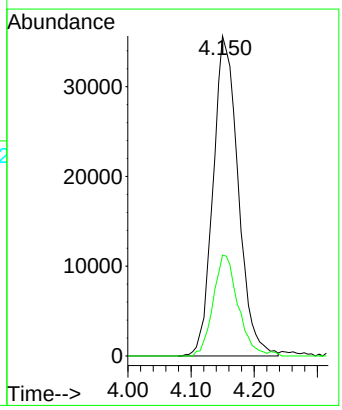


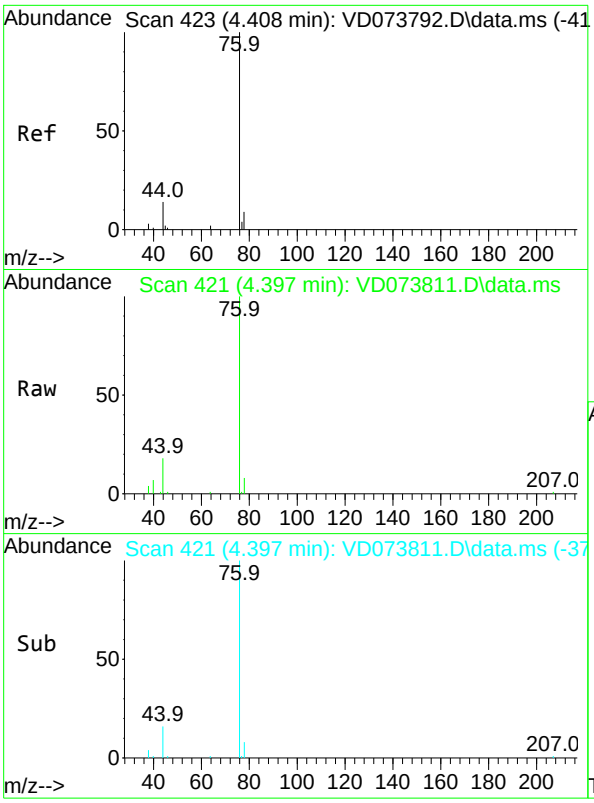


#16
Acetone
Concen: 434.819 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Tgt Ion: 43 Resp: 98302

Ion	Ratio	Lower	Upper
43	100		
58	31.5	21.3	31.9



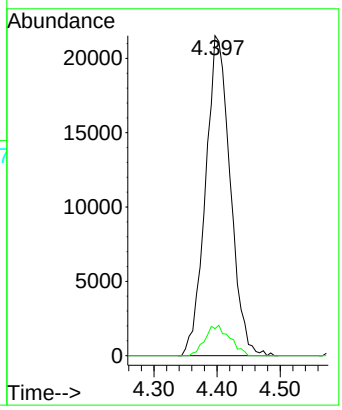


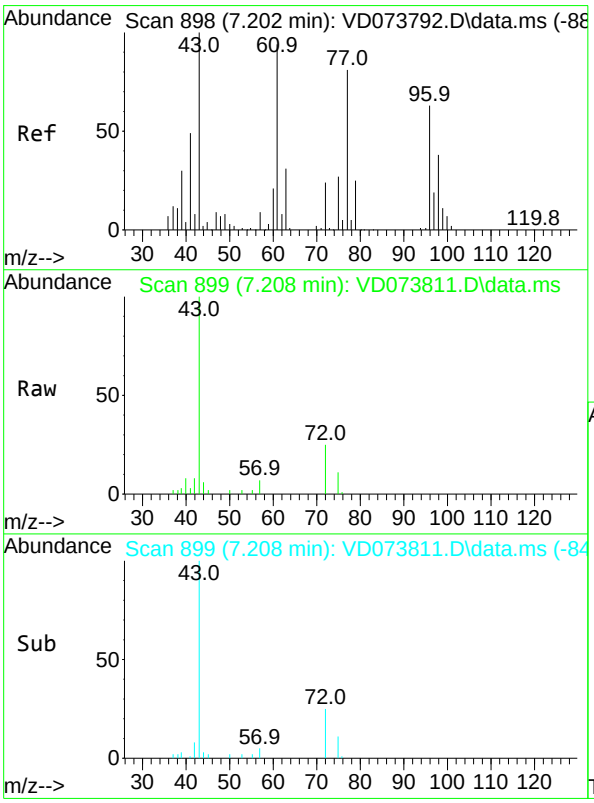
#17
Carbon Disulfide
Concen: 50.009 ug/l
RT: 4.397 min Scan# 4
Delta R.T. -0.011 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion: 76 Resp: 58452

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

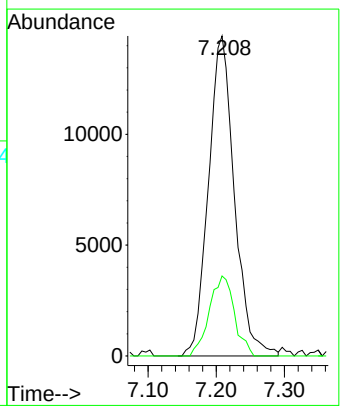


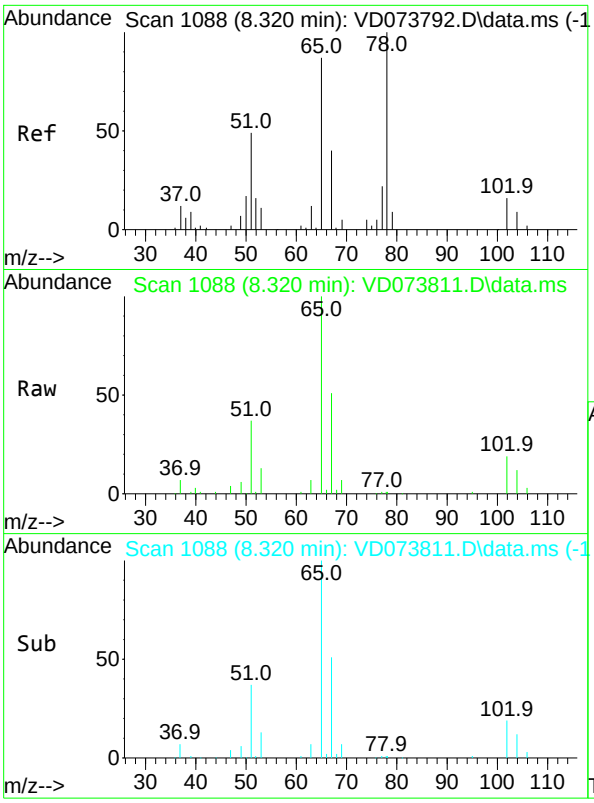


#25
2-Butanone
Concen: 88.885 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Tgt Ion: 43 Resp: 38217

Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.8	28.2



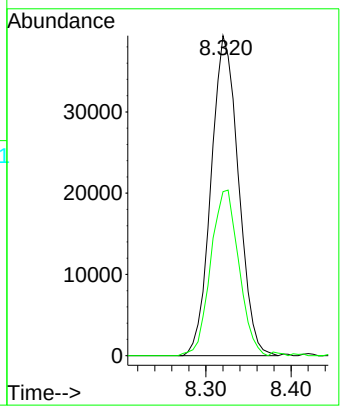


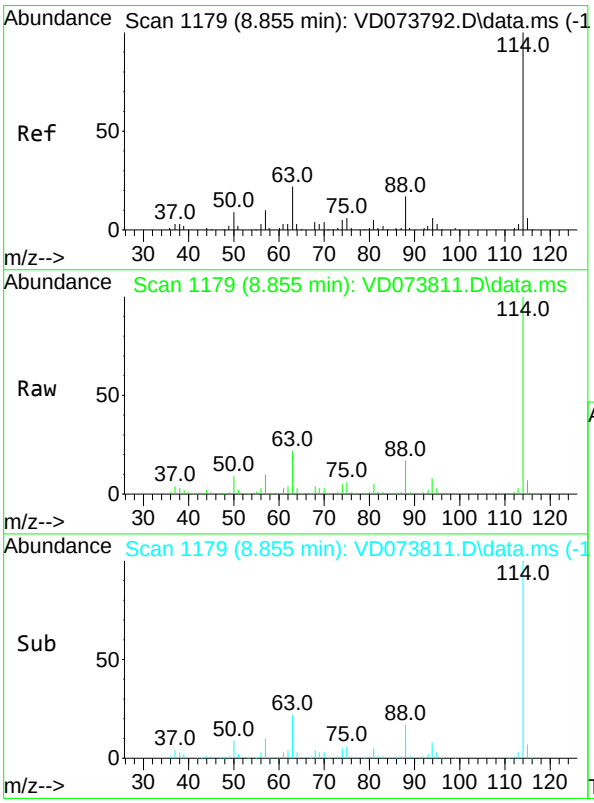
#33
1,2-Dichloroethane-d4
Concen: 67.140 ug/l
RT: 8.320 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion: 65 Resp: 87873

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8

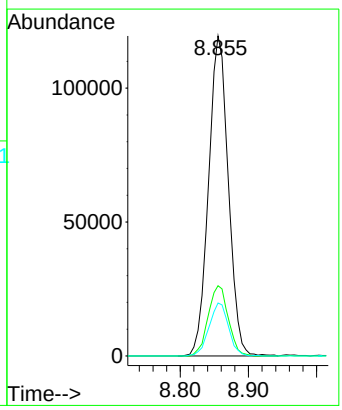


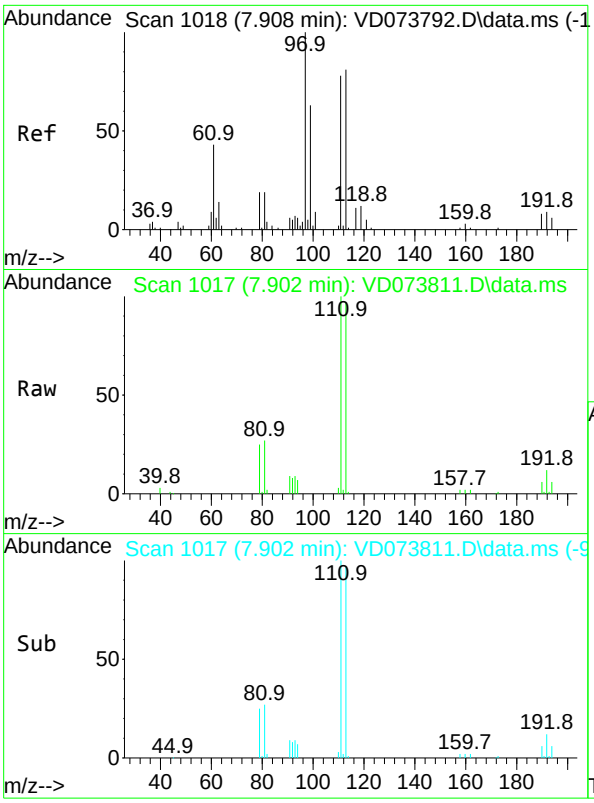


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Tgt Ion:114 Resp: 241121

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.2
88	16.5	0.0	33.6



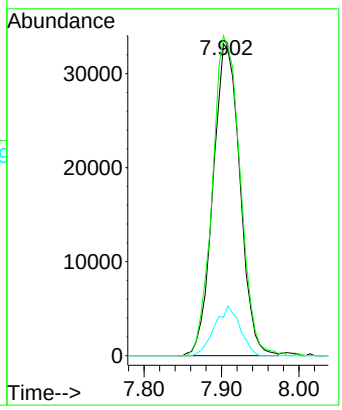


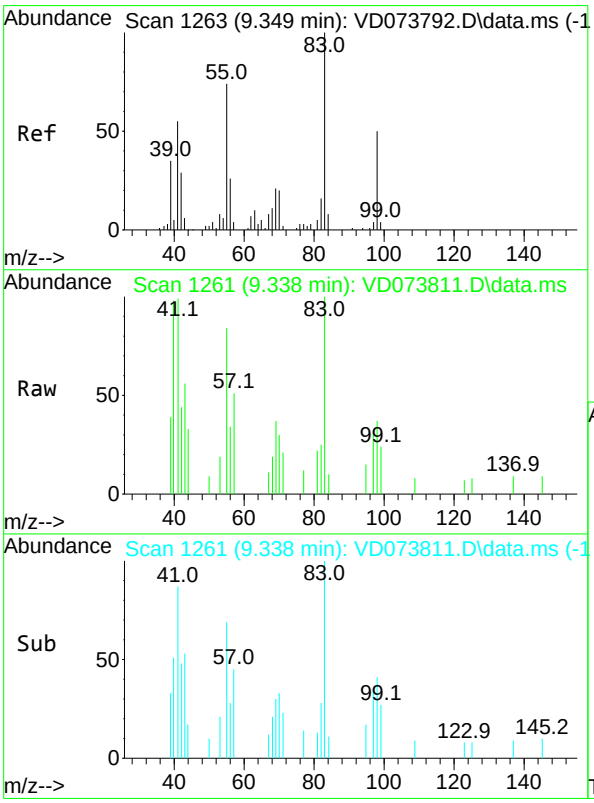
#35
Dibromofluoromethane
Concen: 54.121 ug/l
RT: 7.902 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion:113 Resp: 80071

Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.7	124.1
192	15.1	11.7	17.5

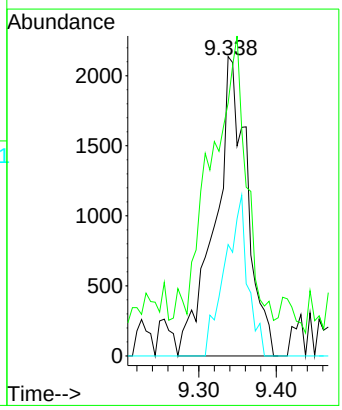


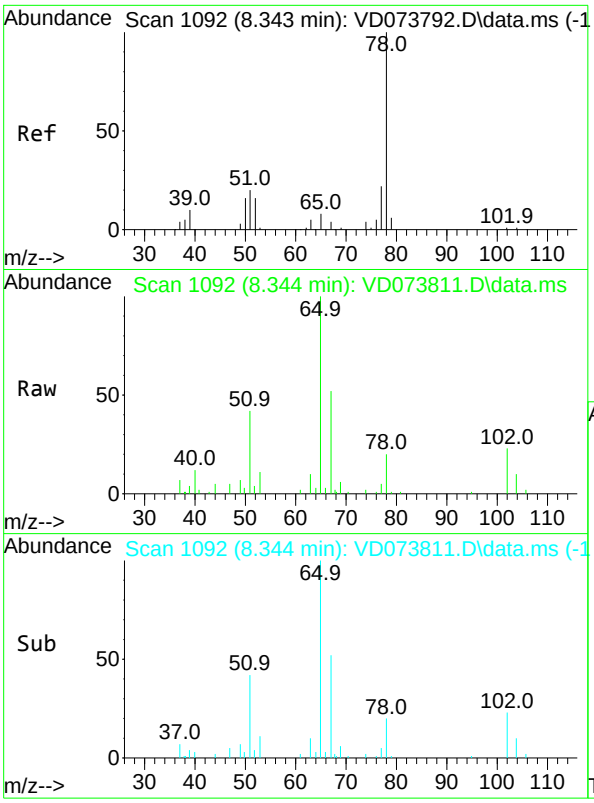


#39
Methylcyclohexane
Concen: 3.154 ug/l
RT: 9.338 min Scan# 1261
Delta R.T. -0.012 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Tgt Ion: 83 Resp: 6165

Ion	Ratio	Lower	Upper
83	100		
55	71.7	59.3	88.9
98	37.2	40.4	60.6#



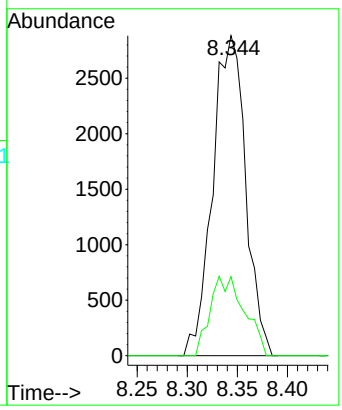


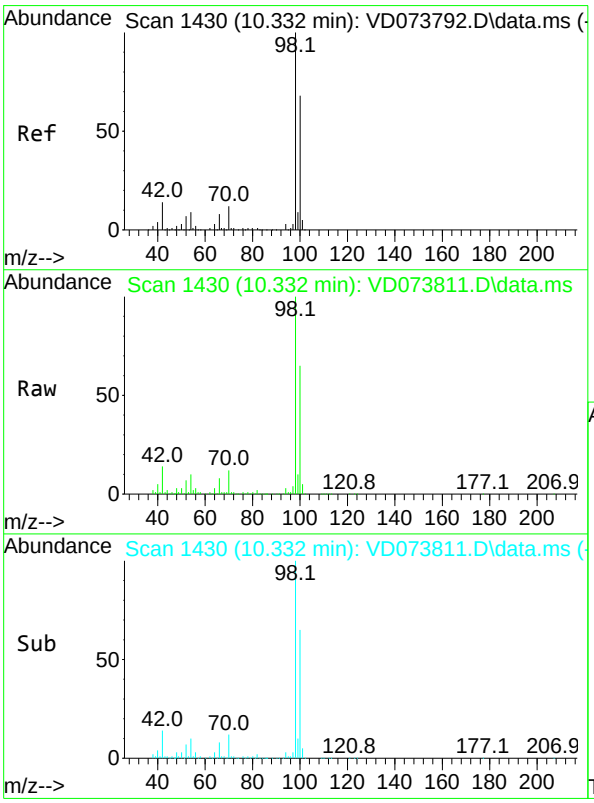
#40
Benzene
Concen: 1.178 ug/l
RT: 8.344 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion: 78 Resp: 6593

Ion	Ratio	Lower	Upper
78	100		
77	24.7	17.8	26.6

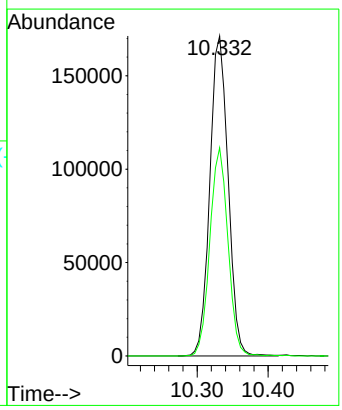


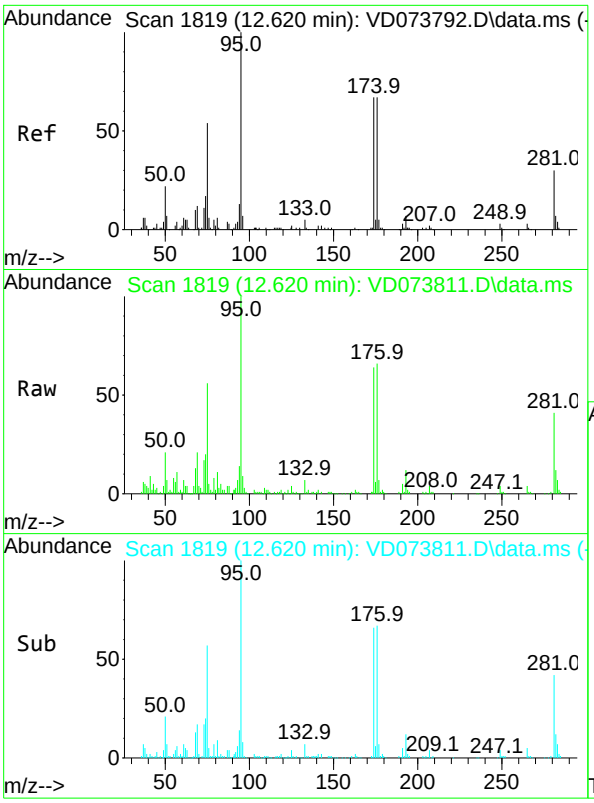


#50
Toluene-d8
Concen: 61.059 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Tgt Ion: 98 Resp: 306024

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



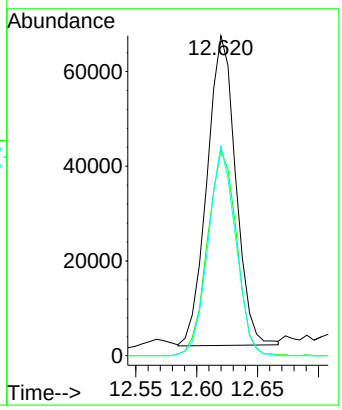


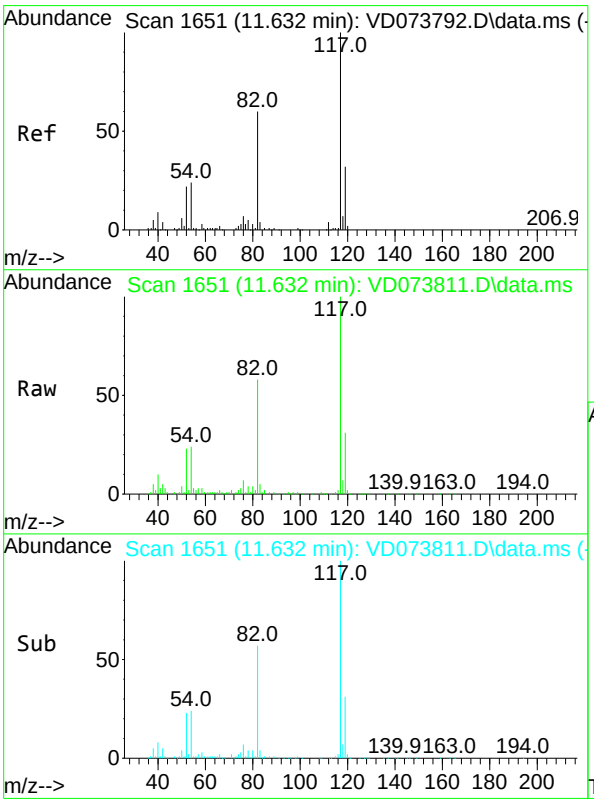
#62
4-Bromofluorobenzene
Concen: 52.147 ug/l
RT: 12.620 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion: 95 Resp: 107430

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	132.4
176	64.7	0.0	129.0

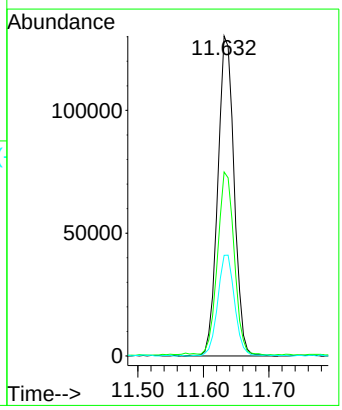


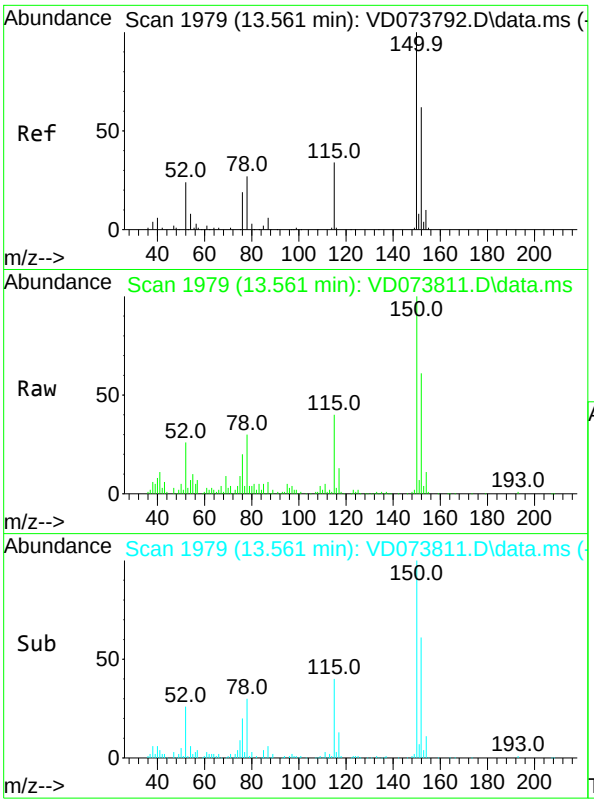


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Tgt Ion:117 Resp: 224625

Ion	Ratio	Lower	Upper
117	100		
82	57.1	48.2	72.2
119	31.5	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073811.D
Acq: 07 Jul 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :
20220483B-1B

Tgt Ion:152 Resp: 94075

Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.2	96.6
150	155.9	0.0	353.0