Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
Data File : VN072811.D
Acq On : 13 Jun 2022 22:09
Operator : JC\MD
Sample : PB145459ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Quant Time: Jun 14 05:22:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 13 17:28:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	159281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	323124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	302825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	105139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	237798	53.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.640%			
35) Dibromofluoromethane	8.022	113	163230	50.723	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.440%			
50) Toluene-d8	10.439	98	576023	44.570	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 89.140%			
62) 4-Bromofluorobenzene	12.727	95	204062	44.681	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.360%			
Target Compounds						Qvalue
16) Acetone	4.287	43	51973	25.663	ug/l	90
18) Methyl Acetate	4.857	43	6453	1.212	ug/l #	85
20) Methylene Chloride	5.092	84	9476	2.076	ug/l	97
25) 2-Butanone	7.339	43	20918	6.585	ug/l #	83
43) Isopropyl Acetate	8.557	43	61424	5.791	ug/l #	75

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

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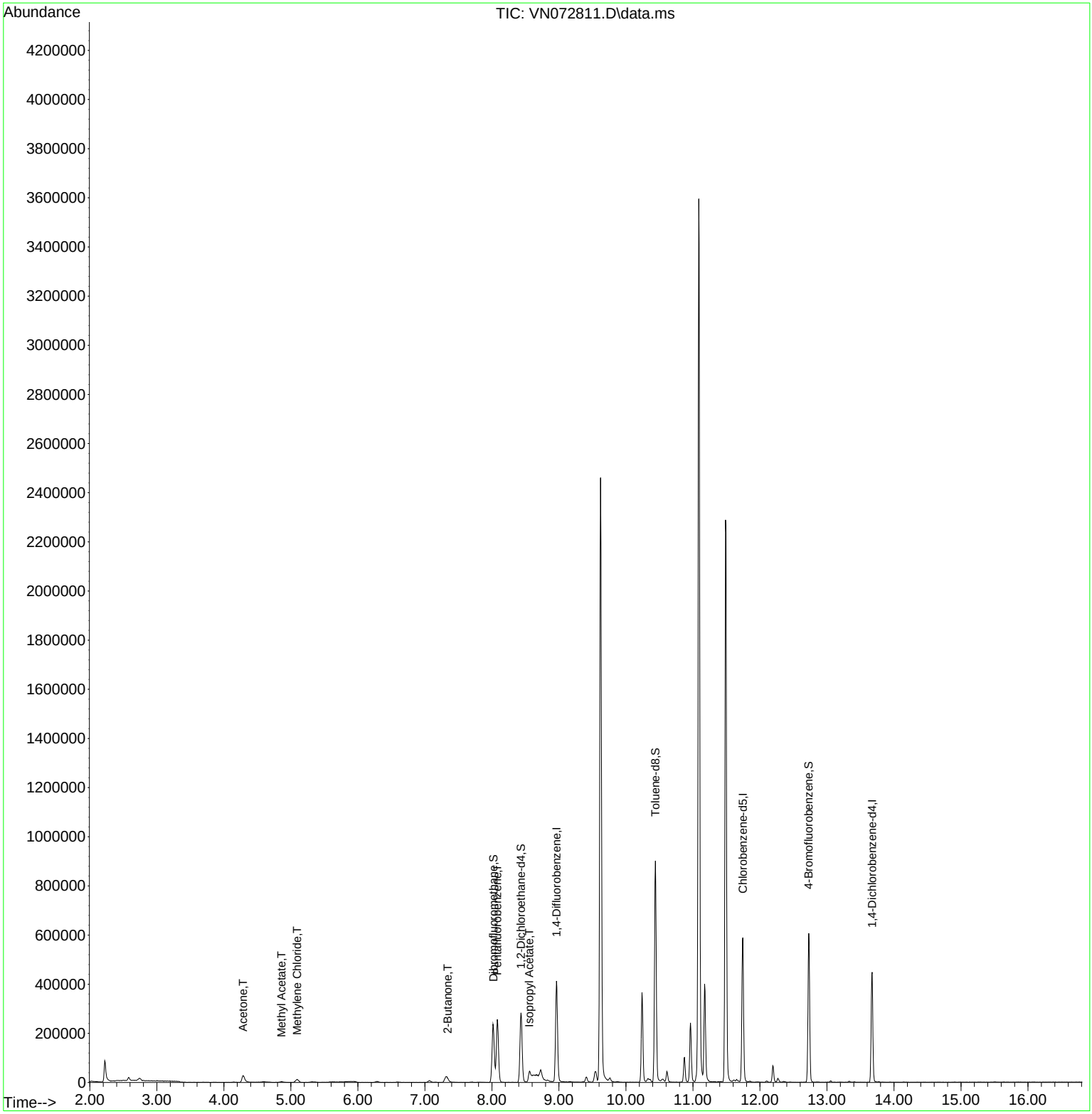
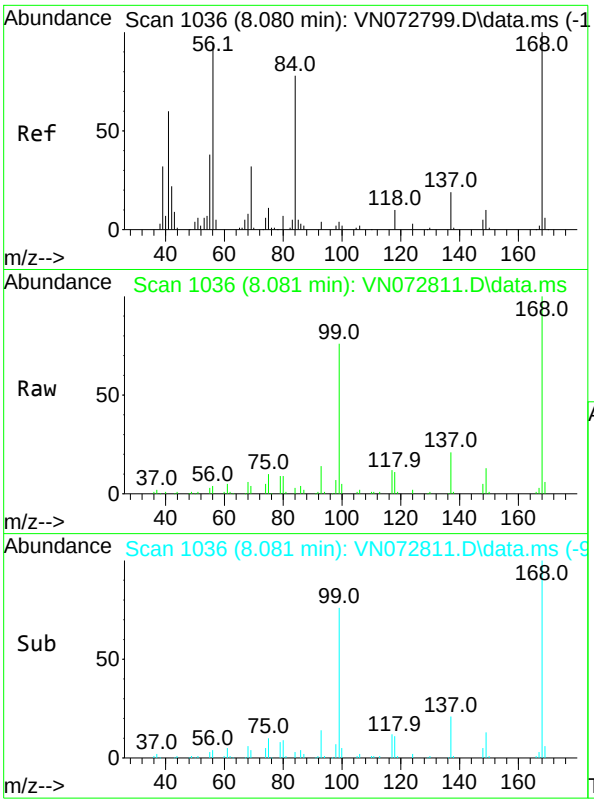


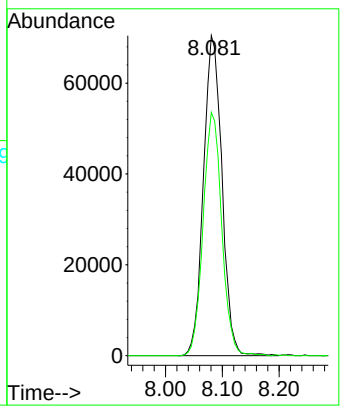


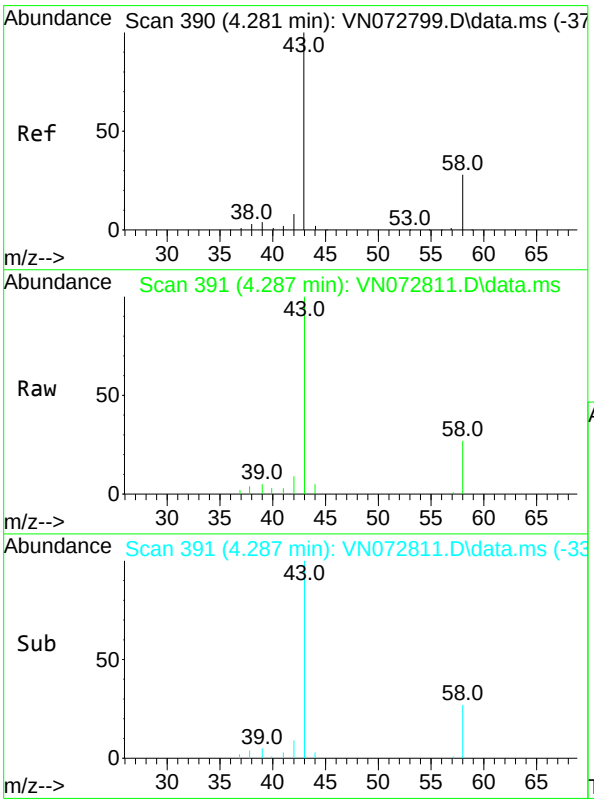
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion:168 Resp: 159281

Ion	Ratio	Lower	Upper
168	100		
99	76.0	42.3	63.5#

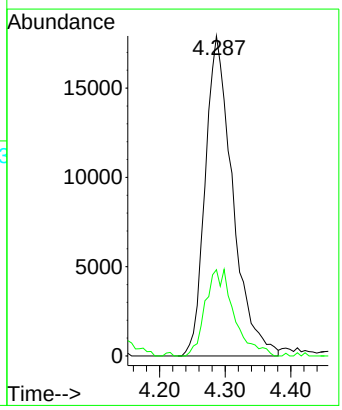


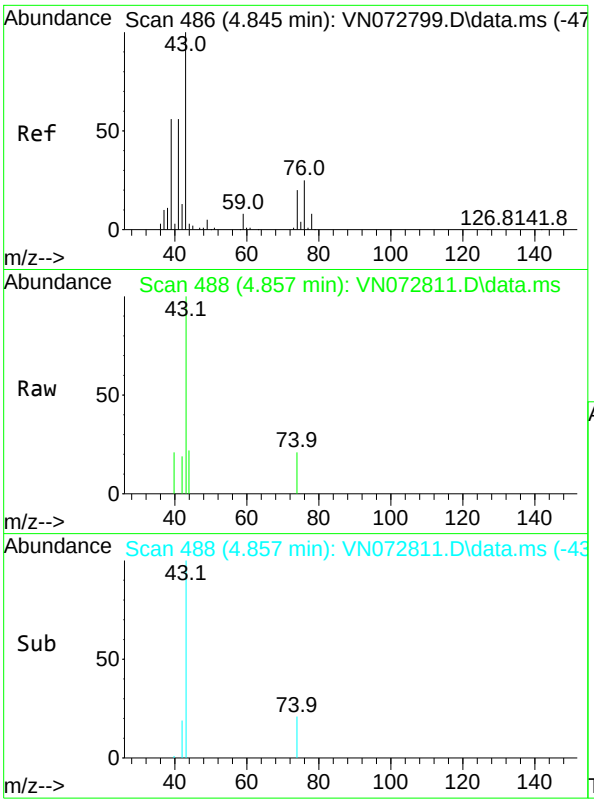


#16
Acetone
Concen: 25.663 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Tgt Ion: 43 Resp: 51973

Ion	Ratio	Lower	Upper
43	100		
58	26.9	26.0	39.0



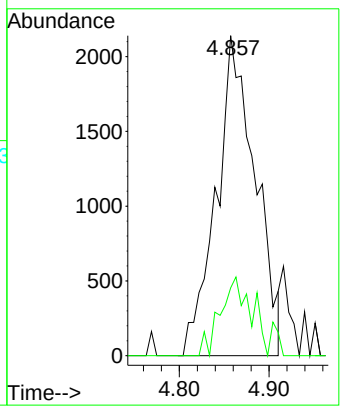


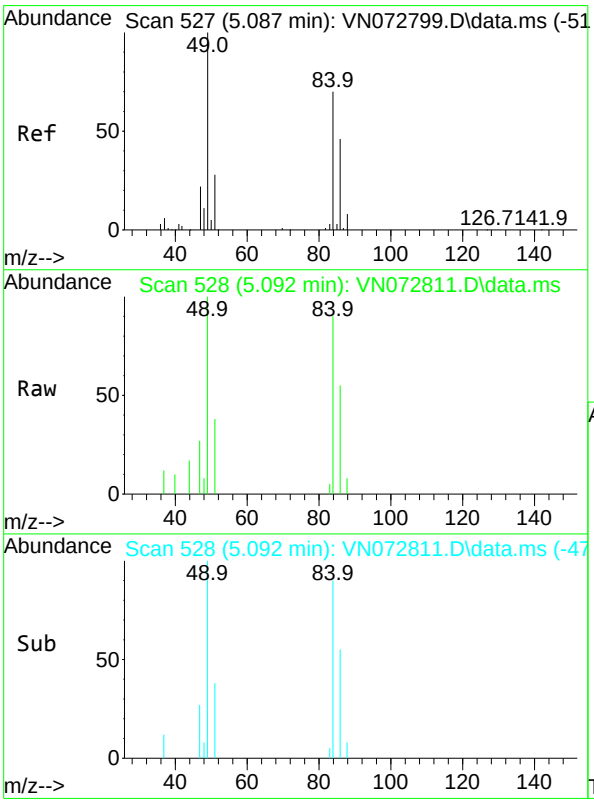
#18
Methyl Acetate
Concen: 1.212 ug/l
RT: 4.857 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion: 43 Resp: 6453

Ion	Ratio	Lower	Upper
43	100		
74	19.4	21.6	32.4#

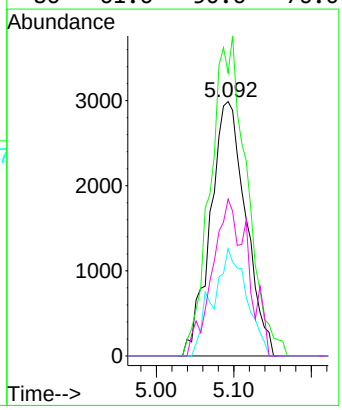


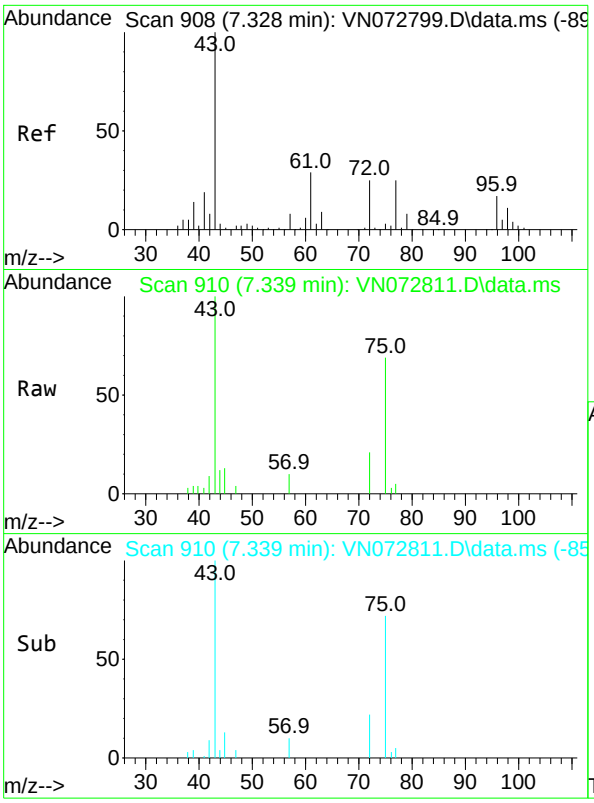


#20
Methylene Chloride
Concen: 2.076 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Tgt Ion: 84 Resp: 9476

Ion	Ratio	Lower	Upper
84	100		
49	111.2	88.3	132.5
51	42.2	28.2	42.2
86	61.6	50.6	76.0



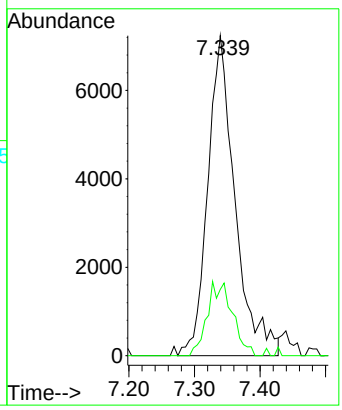


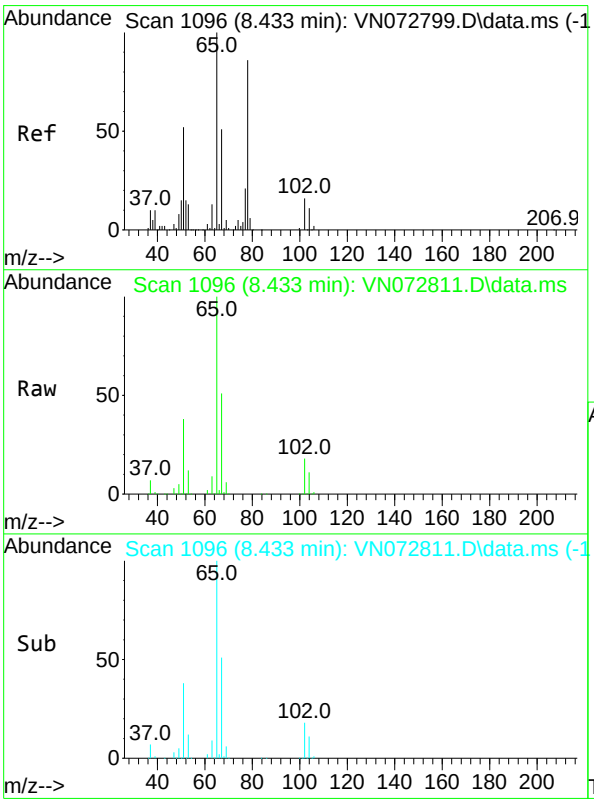
#25
2-Butanone
Concen: 6.585 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion: 43 Resp: 20918

Ion	Ratio	Lower	Upper
43	100		
72	20.7	23.7	35.5#

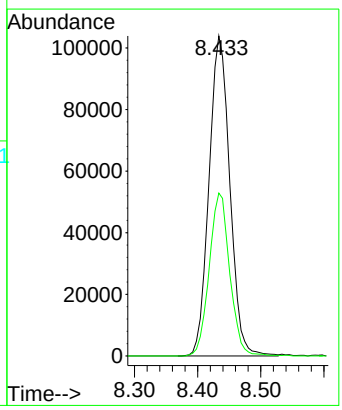


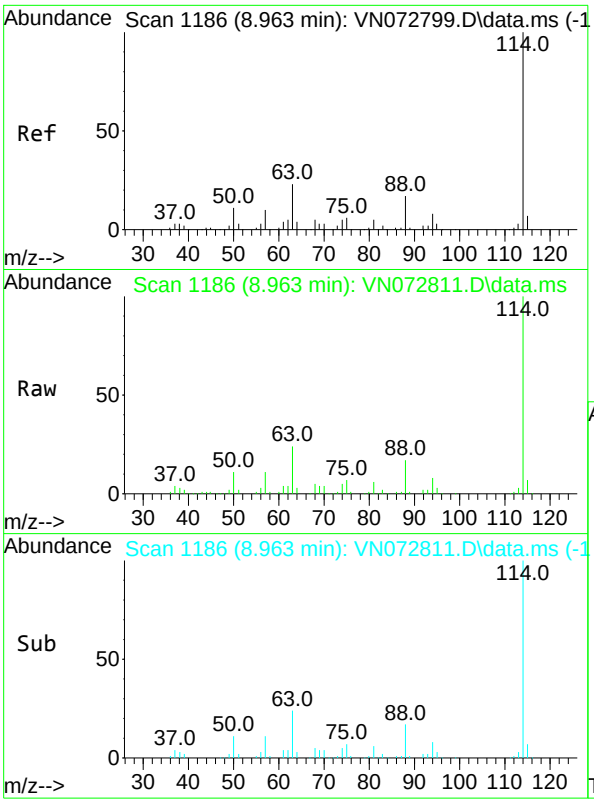


#33
1,2-Dichloroethane-d4
Concen: 53.322 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Tgt Ion: 65 Resp: 237798

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.8



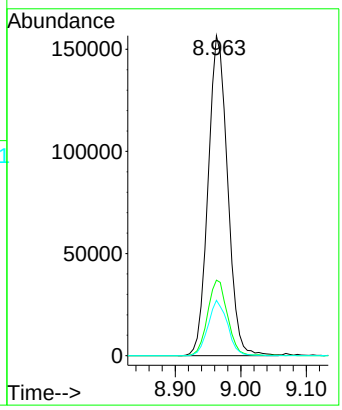


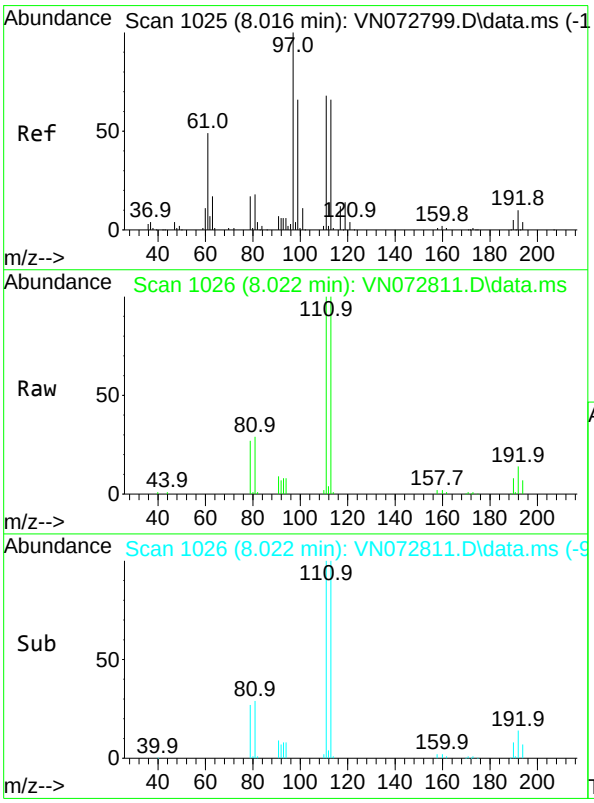
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion:114 Resp: 323124

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	40.0
88	17.3	0.0	32.6

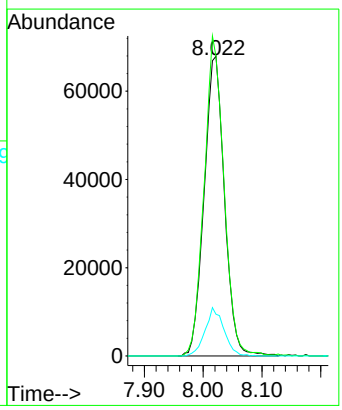


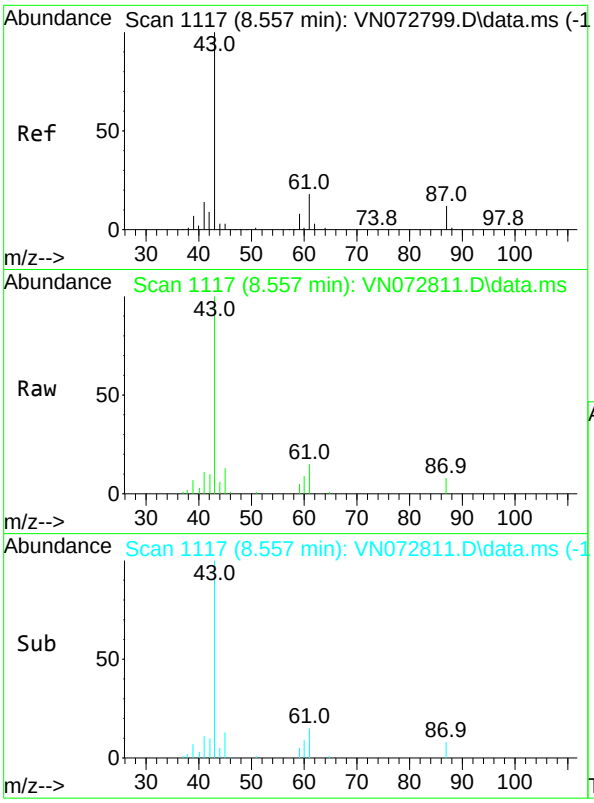


#35
Dibromofluoromethane
Concen: 50.723 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Tgt Ion:113 Resp: 163230

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	15.0	17.0	25.6#



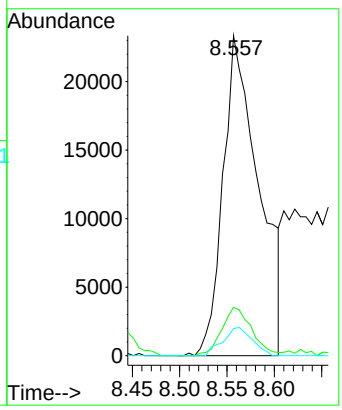


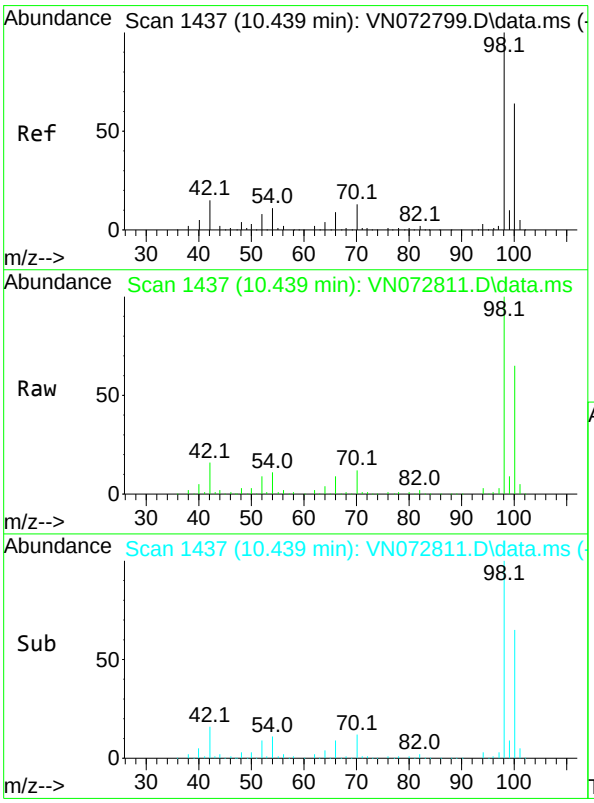
#43
Isopropyl Acetate
Concen: 5.791 ug/l
RT: 8.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion: 43 Resp: 61424

Ion	Ratio	Lower	Upper
43	100		
61	12.6	21.9	32.9#
87	7.2	12.0	18.0#

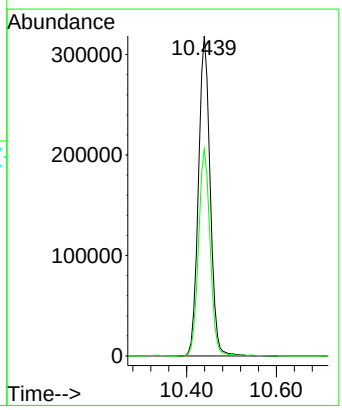


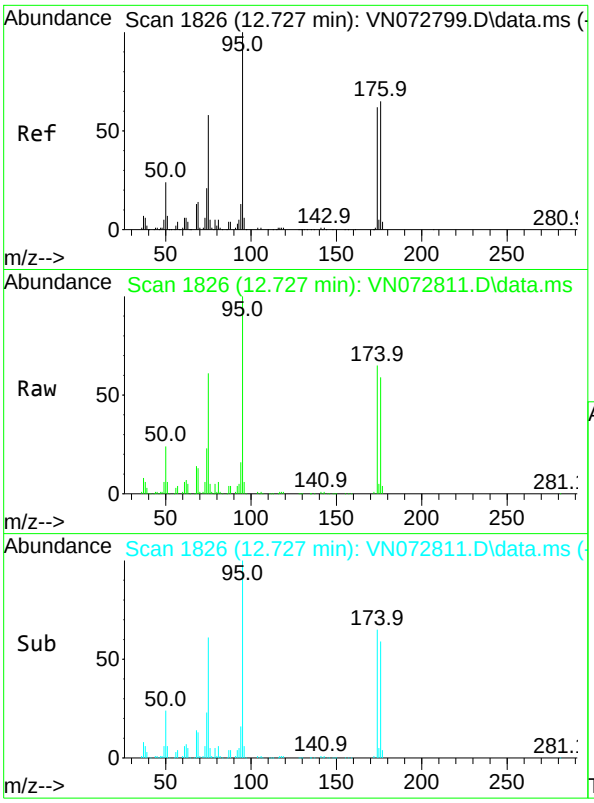


#50
Toluene-d8
Concen: 44.570 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Tgt Ion: 98 Resp: 576023

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.6	78.8



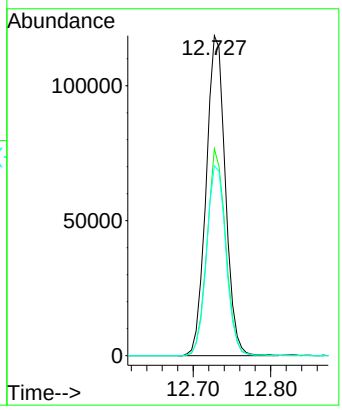


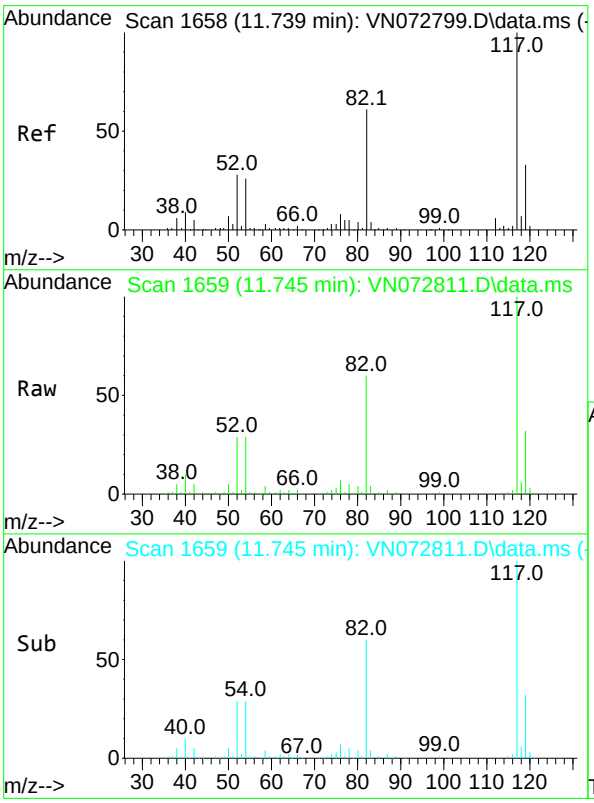
#62
4-Bromofluorobenzene
Concen: 44.681 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion: 95 Resp: 204062

Ion	Ratio	Lower	Upper
95	100		
174	62.7	0.0	167.6
176	60.0	0.0	163.4

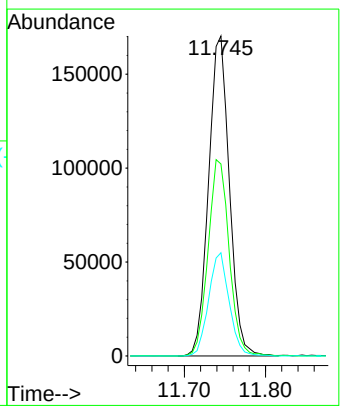


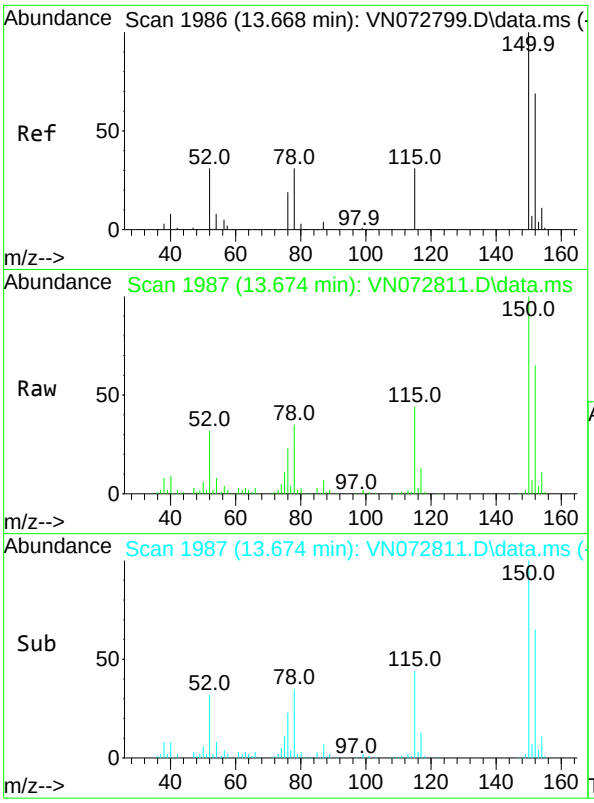


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Tgt Ion:117 Resp: 302825

Ion	Ratio	Lower	Upper
117	100		
82	60.0	44.2	66.2
119	32.3	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072811.D
Acq: 13 Jun 2022 22:09

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#02

Tgt Ion:152 Resp: 105139

Ion	Ratio	Lower	Upper
152	100		
115	68.8	28.9	86.7
150	159.3	0.0	356.2