Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
Data File : VN071552.D
Acq On : 25 Mar 2022 17:06
Operator : JC\MD
Sample : PB143557ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Quant Time: Mar 26 04:04:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	812861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1388692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1371398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	515409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	477354	47.268	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.540%		
35) Dibromofluoromethane	8.022	113	393127	45.045	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.080%		
50) Toluene-d8	10.439	98	1740155	49.433	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.727	95	576157	49.950	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.900%		
Target Compounds						Qvalue
8) Diethyl Ether	3.828	74	14012	2.546	ug/l	86
16) Acetone	4.298	43	27962	6.755	ug/l	98
18) Methyl Acetate	4.857	43	25630	1.147	ug/l	97
20) Methylene Chloride	5.098	84	12966	1.344	ug/l	89
43) Isopropyl Acetate	8.569	43	218105	9.618	ug/l #	67

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

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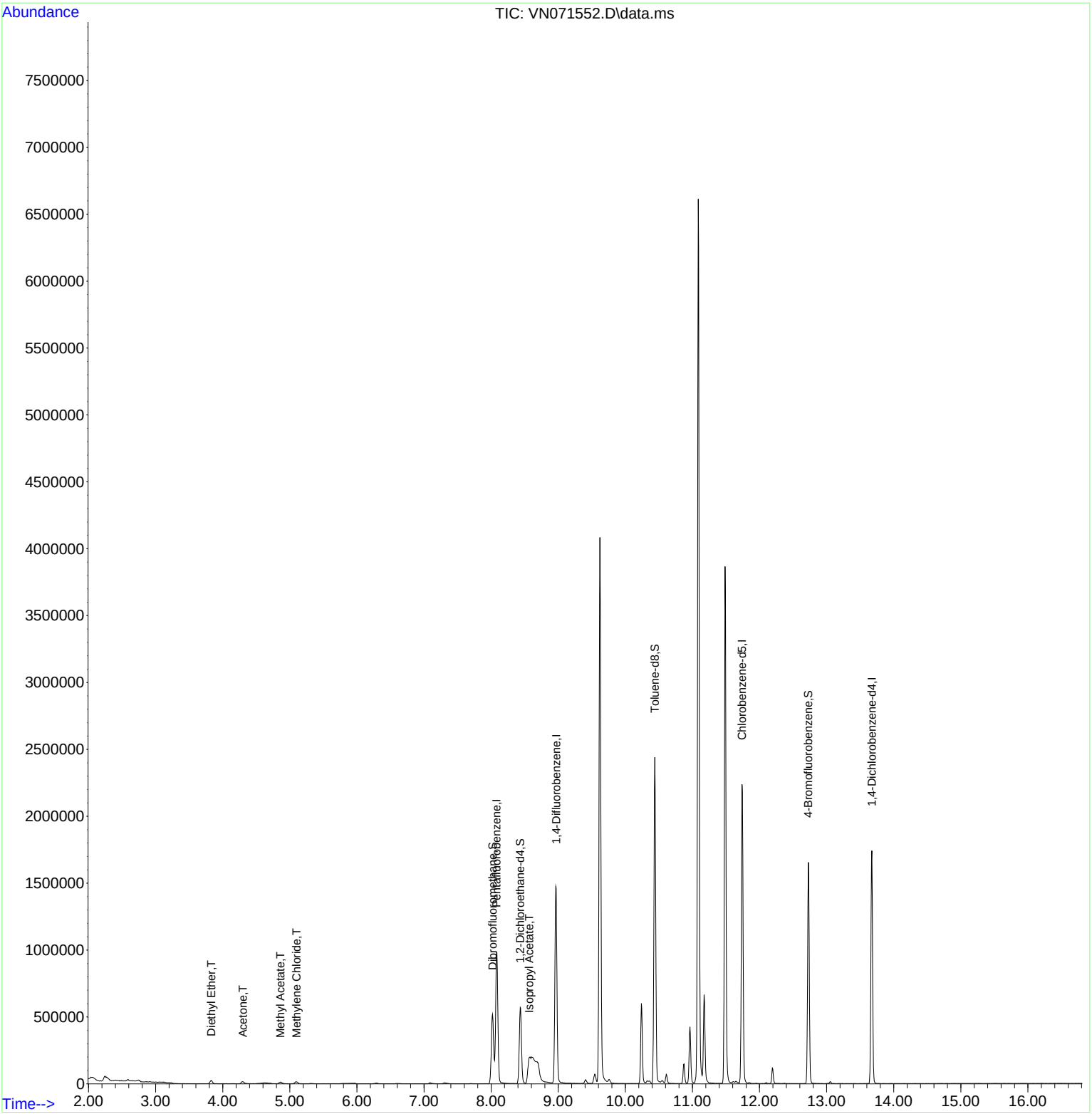
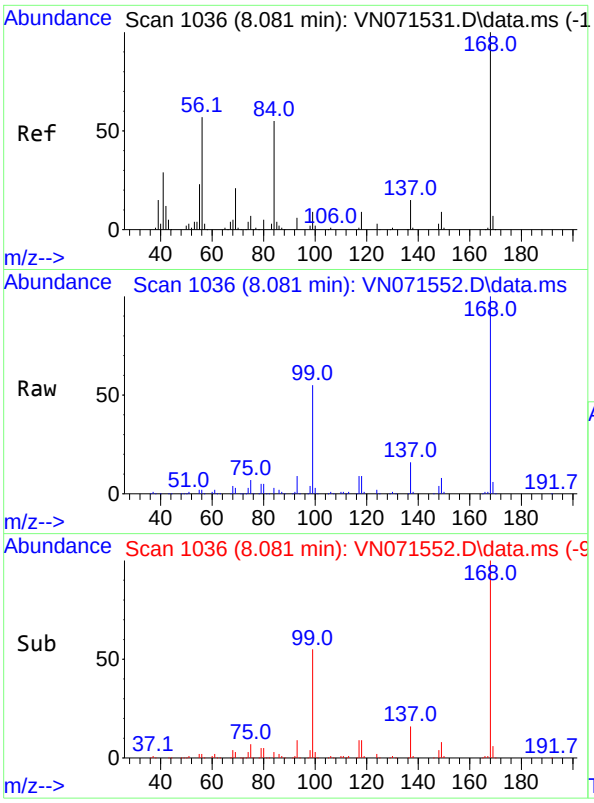


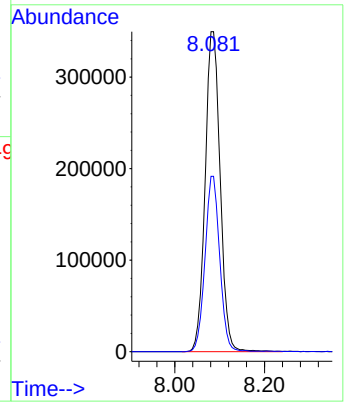


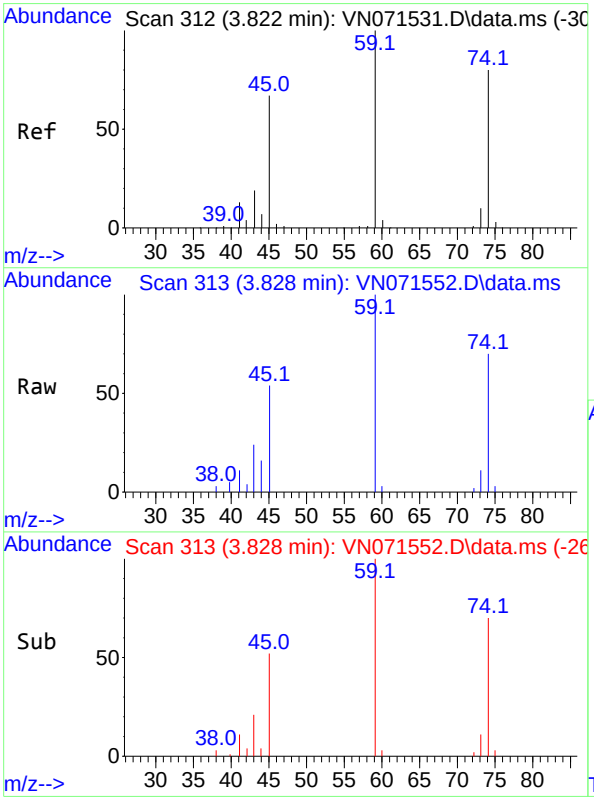
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion:168 Resp: 812861

Ion	Ratio	Lower	Upper
168	100		
99	54.8	42.3	63.5

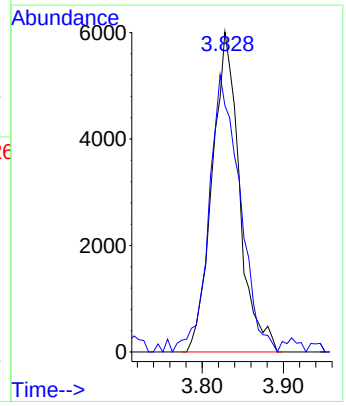


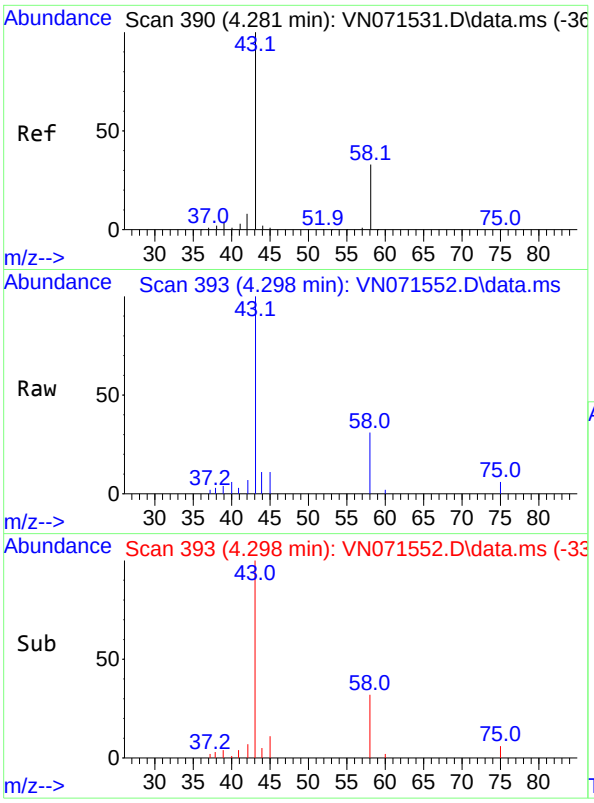


#8
Diethyl Ether
Concen: 2.546 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Tgt Ion: 74 Resp: 14012

Ion	Ratio	Lower	Upper
74	100		
45	98.4	42.9	128.5



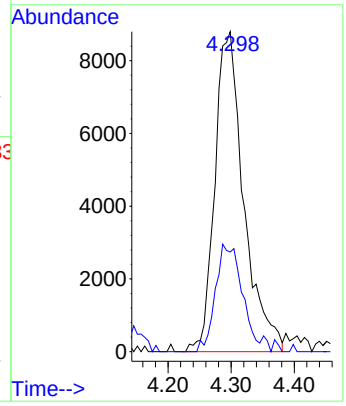


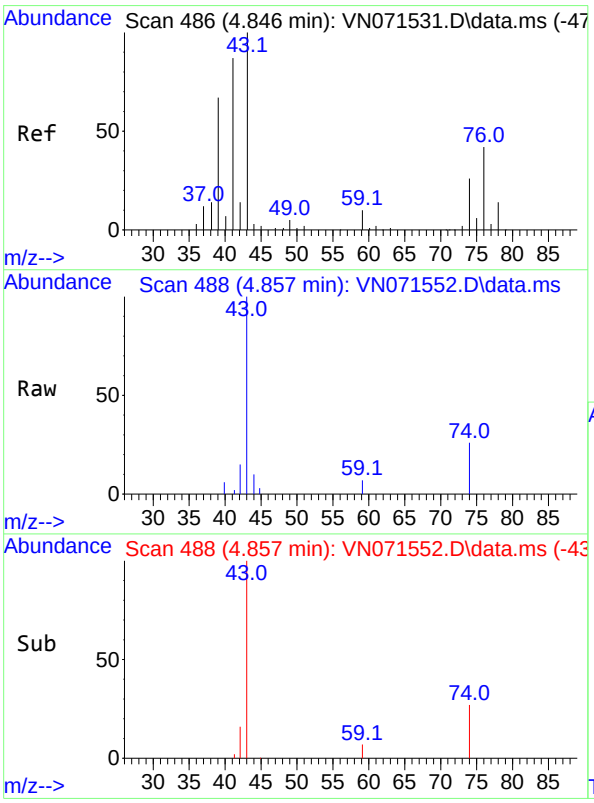
#16
Acetone
Concen: 6.755 ug/l
RT: 4.298 min Scan# 3
Delta R.T. 0.017 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion: 43 Resp: 27962

Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.0	39.0

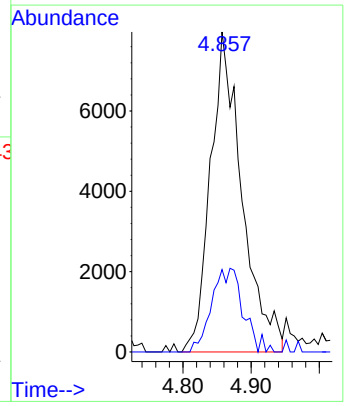


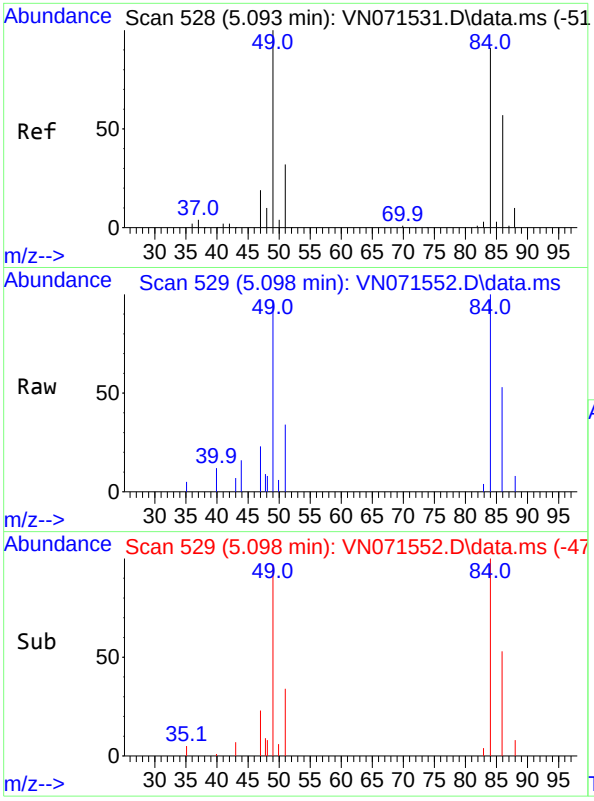


#18
Methyl Acetate
Concen: 1.147 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Tgt Ion: 43 Resp: 25630

Ion	Ratio	Lower	Upper
43	100		
74	25.3	21.6	32.4



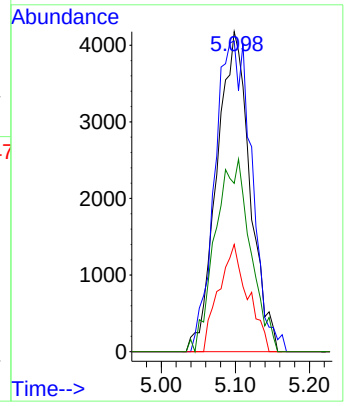


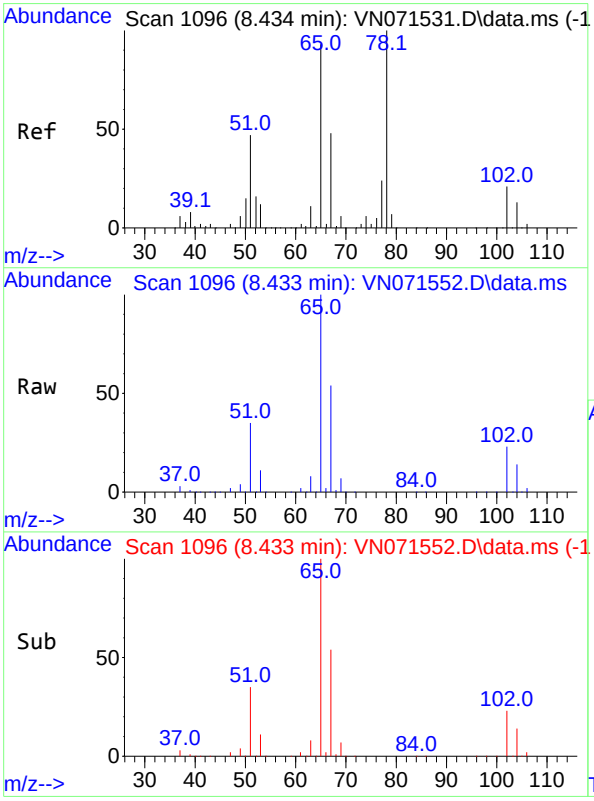
#20
Methylene Chloride
Concen: 1.344 ug/l
RT: 5.098 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion: 84 Resp: 12966

Ion	Ratio	Lower	Upper
84	100		
49	97.1	88.3	132.5
51	33.5	28.2	42.2
86	52.6	50.6	76.0

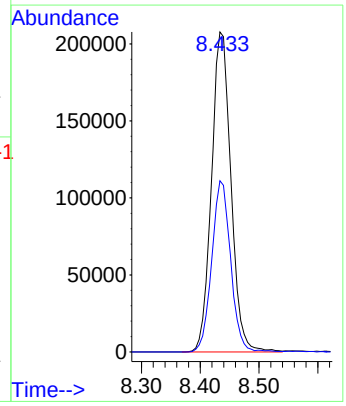


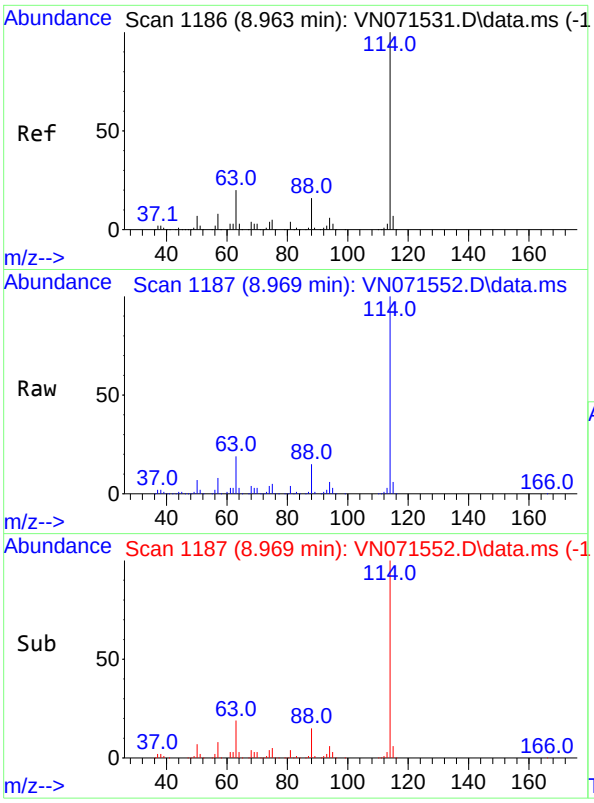


#33
1,2-Dichloroethane-d4
Concen: 47.268 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Tgt Ion: 65 Resp: 477354

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.8



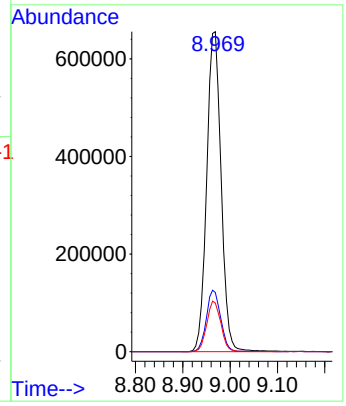


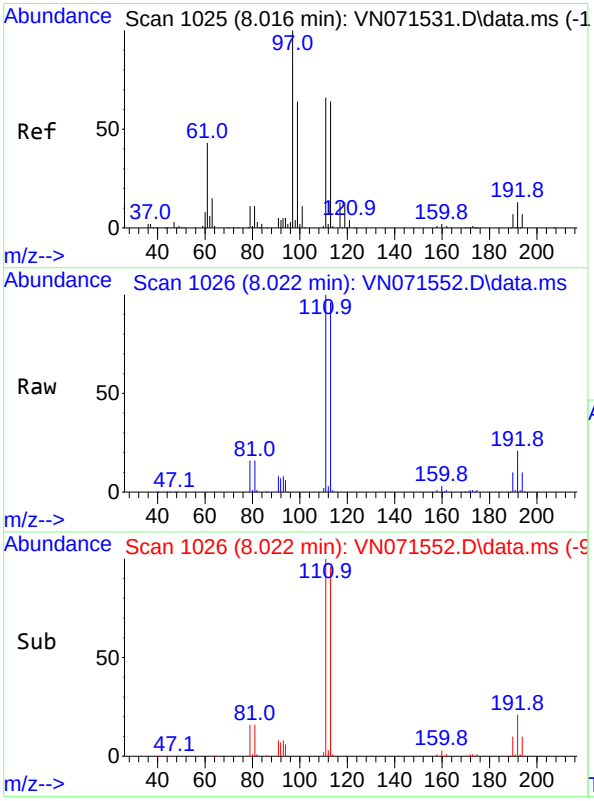
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion:114 Resp: 1388692

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.0
88	15.2	0.0	32.6

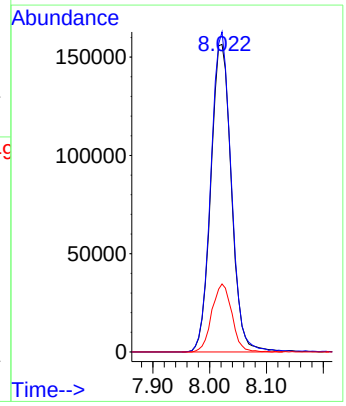


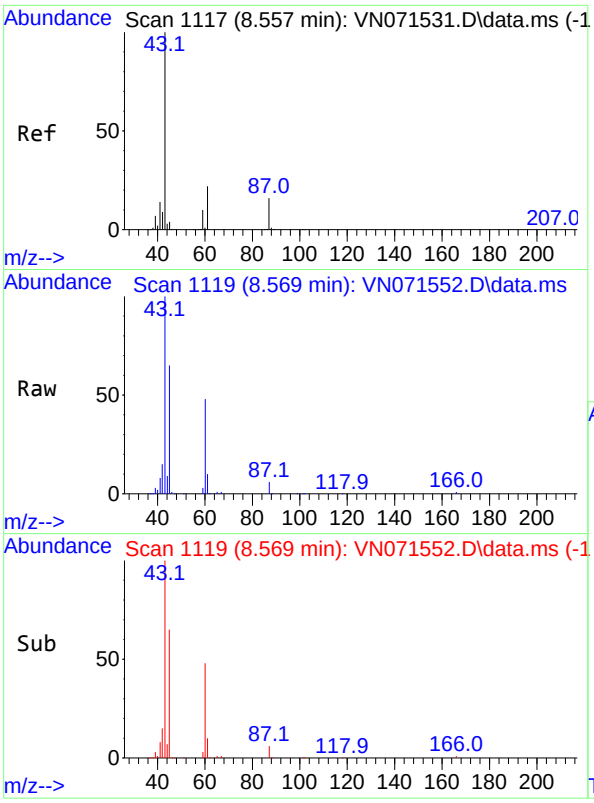


#35
Dibromofluoromethane
Concen: 45.045 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Tgt Ion:113 Resp: 393127

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	21.5	17.0	25.6



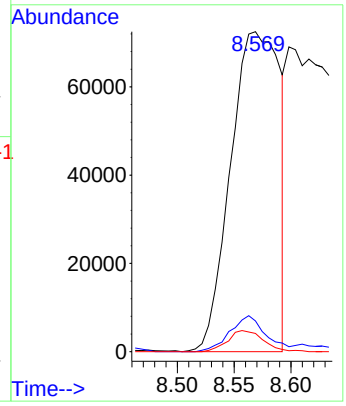


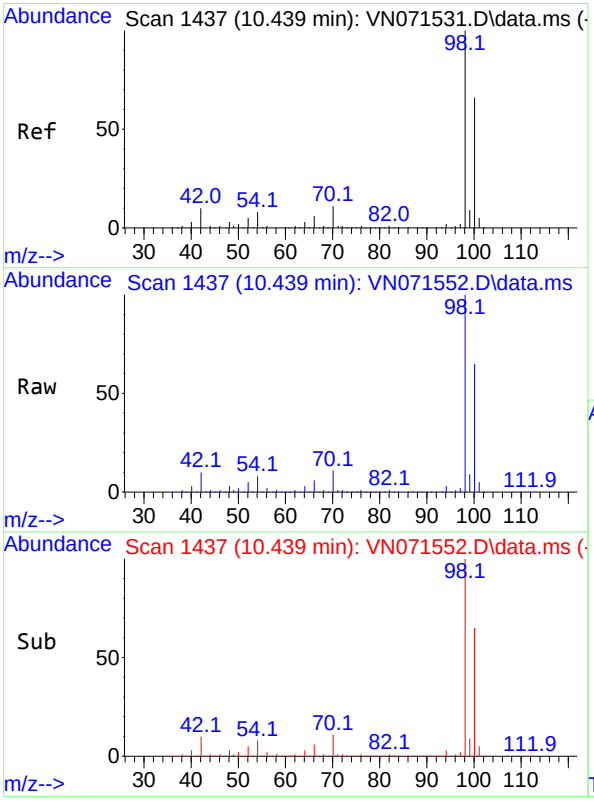
#43
Isopropyl Acetate
Concen: 9.618 ug/l
RT: 8.569 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion: 43 Resp: 218105

Ion	Ratio	Lower	Upper
43	100		
61	8.1	21.9	32.9#
87	4.8	12.0	18.0#

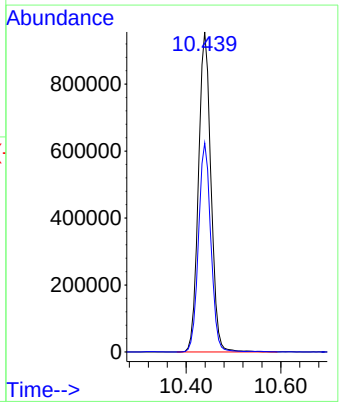


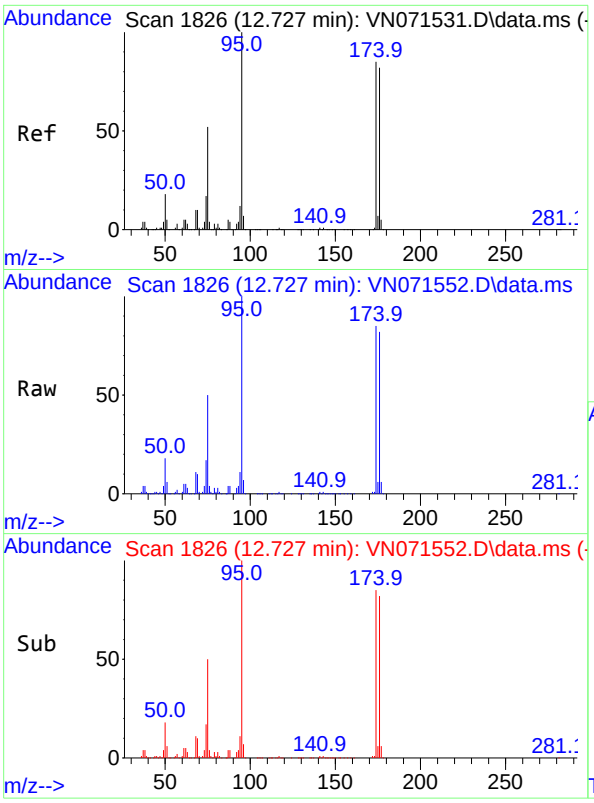


#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Tgt Ion: 98 Resp: 1740155

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	78.8



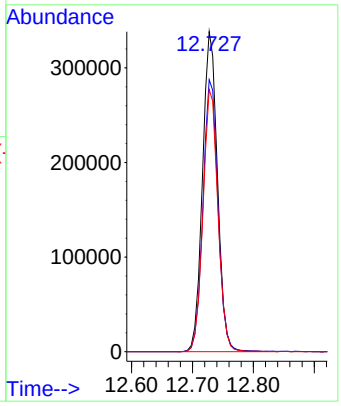


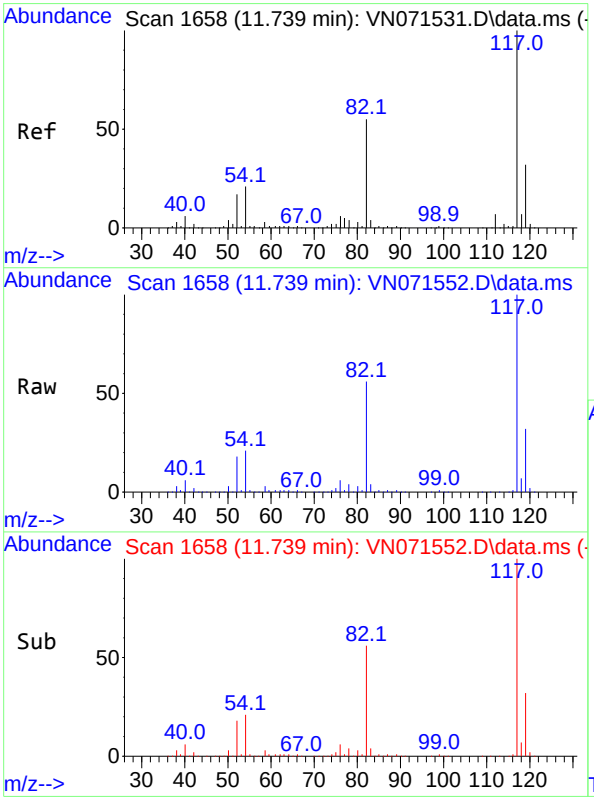
#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion: 95 Resp: 576157

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	167.6
176	81.7	0.0	163.4

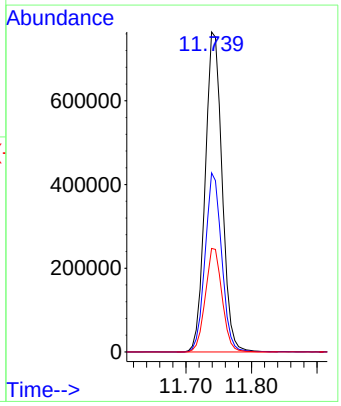


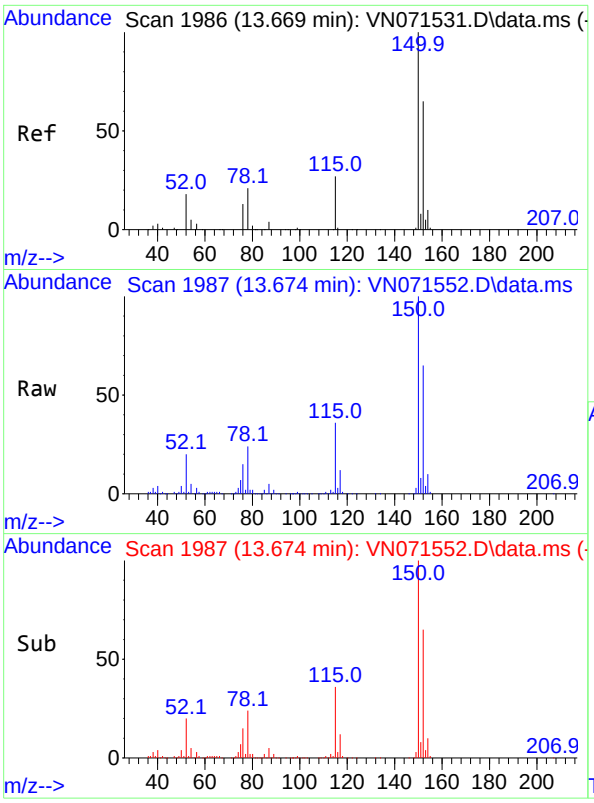


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071552.D
Acq: 25 Mar 2022 17:06

Tgt Ion:117 Resp: 1371398

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.2
119	32.4	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: VN071552.D
Acq: 25 Mar 2022 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB143557ZHE#11

Tgt Ion:152 Resp: 515409

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.7
150	155.4	0.0	356.2