Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
Data File : VN074836.D
Acq On : 10 Oct 2022 17:01
Operator : JC\MD
Sample : N5042-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Quant Time: Oct 11 06:26:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	397406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	684389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	704155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	322219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	462111	49.076	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.160%			
35) Dibromofluoromethane	8.177	113	364076	52.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	10.571	98	1493507	50.336	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.853	95	386985	42.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.820%			
Target Compounds						Qvalue
13) Acrolein	4.230	56	18069	3.844	ug/l	86
16) Acetone	4.453	43	10111391	1894.876	ug/l	98
25) 2-Butanone	7.500	43	36816	3.802	ug/l #	86
52) Toluene	10.635	92	9432	0.433	ug/l #	71

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

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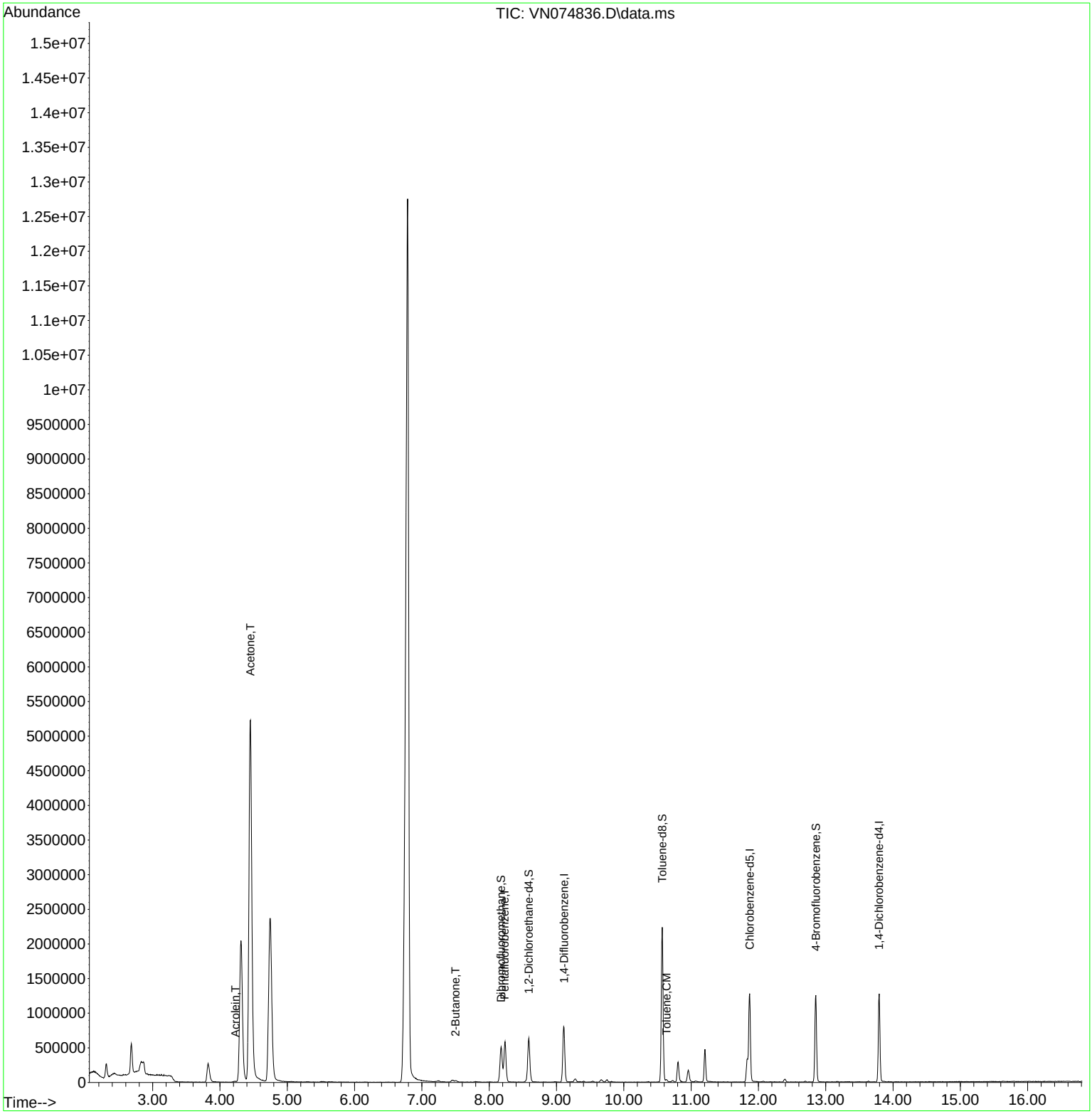
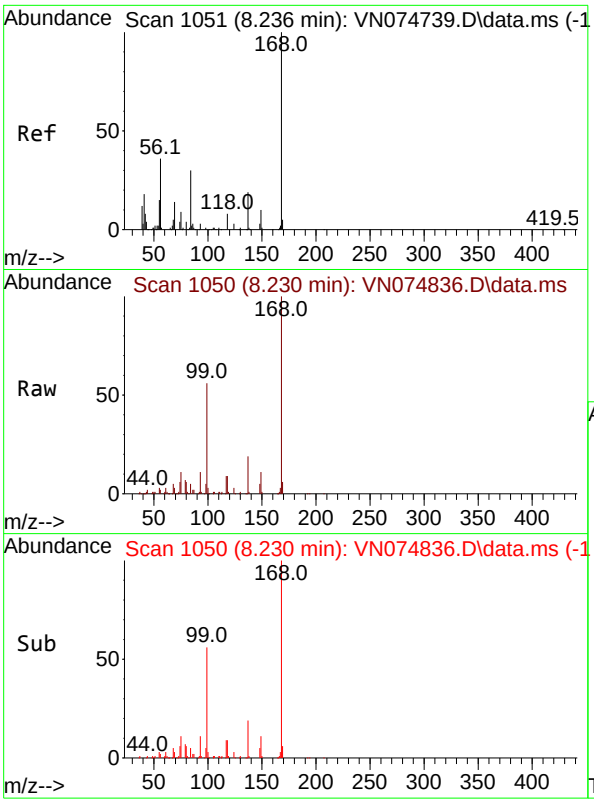


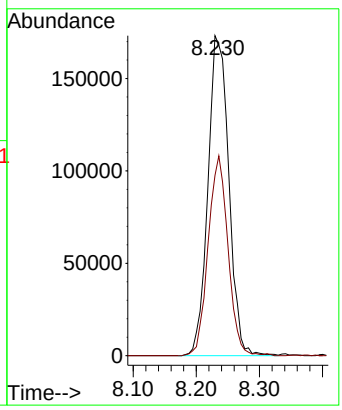


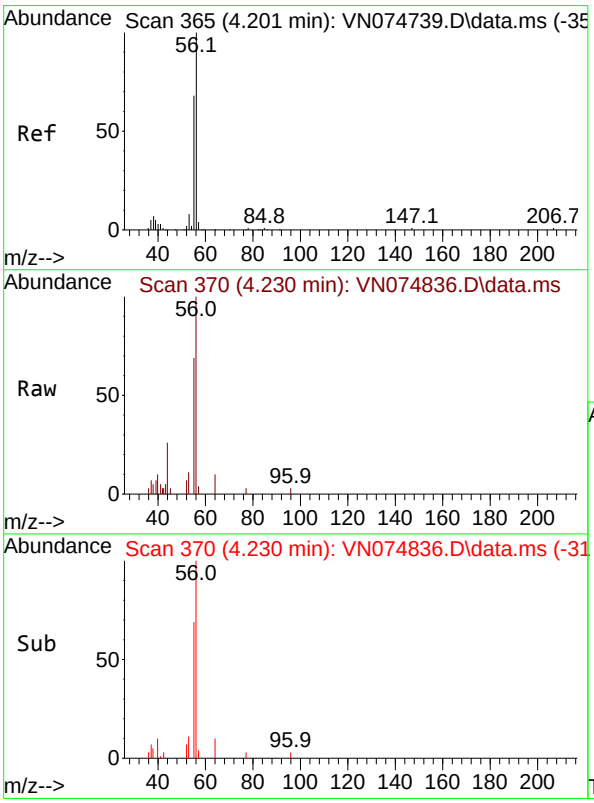
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Tgt Ion:168 Resp: 397406

Ion	Ratio	Lower	Upper
168	100		
99	56.3	42.8	64.2

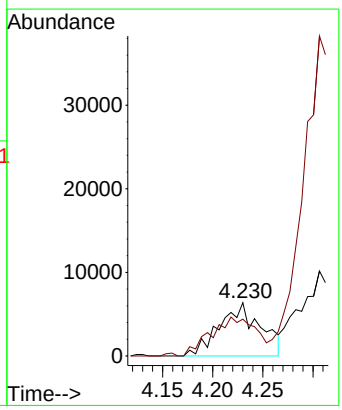


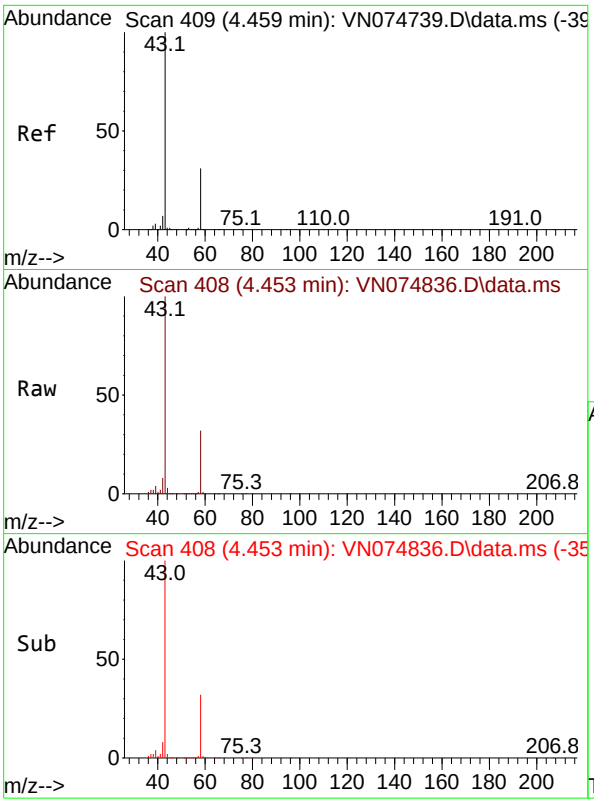


#13
Acrolein
Concen: 3.844 ug/l
RT: 4.230 min Scan# 370
Delta R.T. 0.029 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Tgt Ion: 56 Resp: 18069

Ion	Ratio	Lower	Upper
56	100		
55	80.0	54.9	82.3



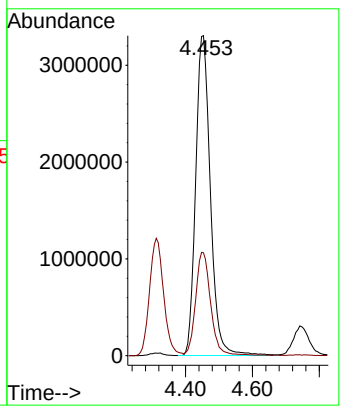


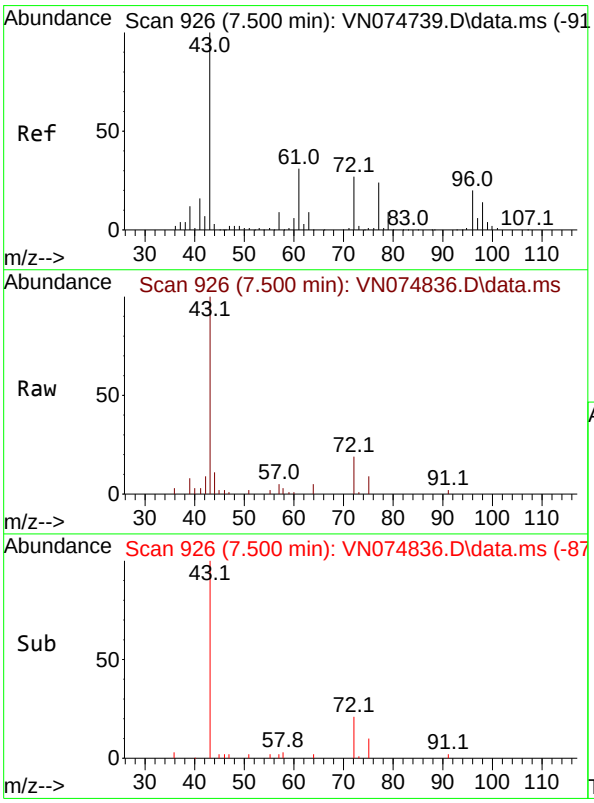
#16
Acetone
Concen: 1894.876 ug/l
RT: 4.453 min Scan# 4(
Delta R.T. -0.006 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Tgt Ion: 43 Resp:10111391

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.9	37.3

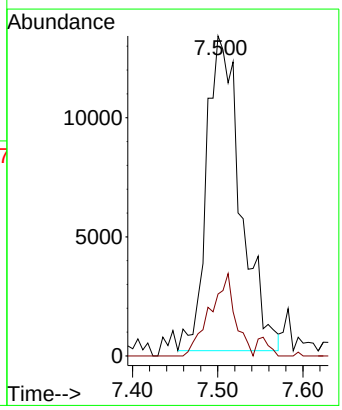


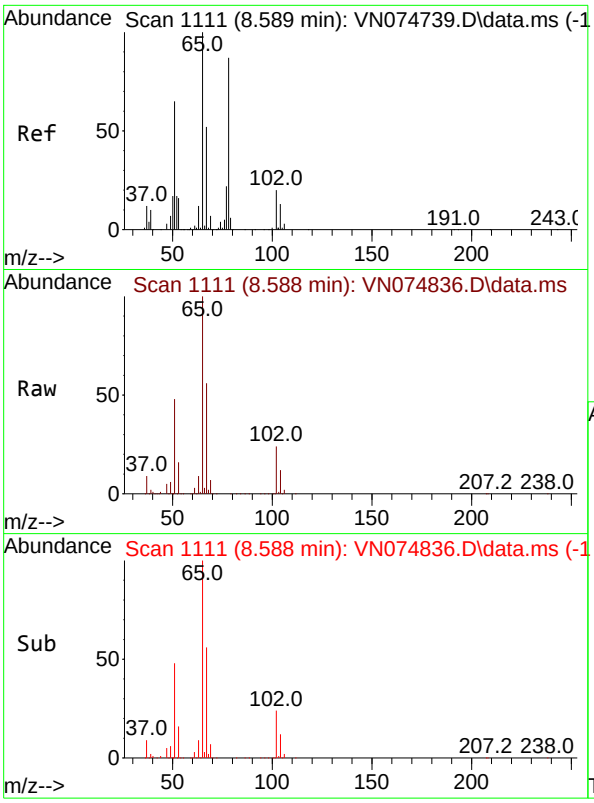


#25
2-Butanone
Concen: 3.802 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Tgt Ion: 43 Resp: 36816

Ion	Ratio	Lower	Upper
43	100		
72	19.7	21.4	32.0#



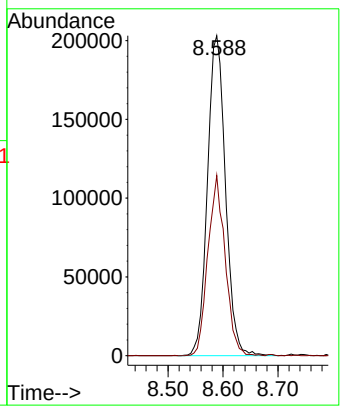


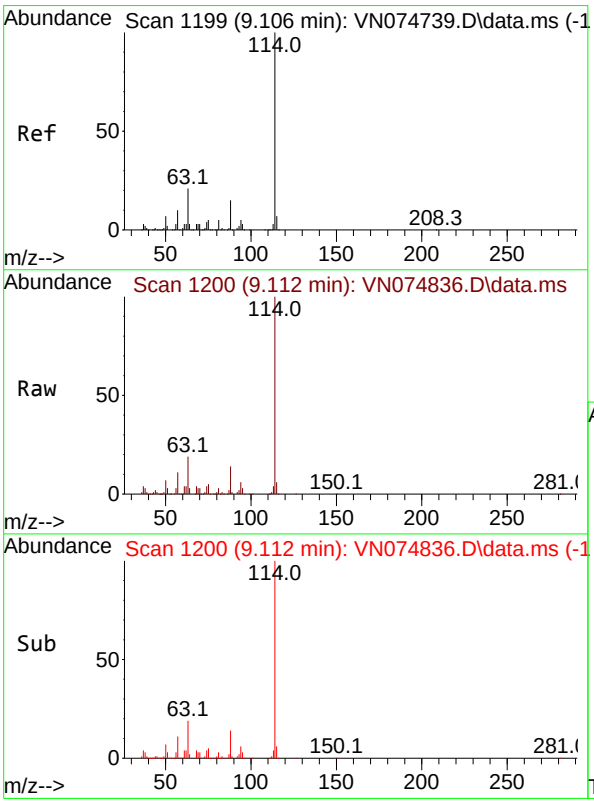
#33
1,2-Dichloroethane-d4
Concen: 49.076 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Tgt Ion: 65 Resp: 462111

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.0

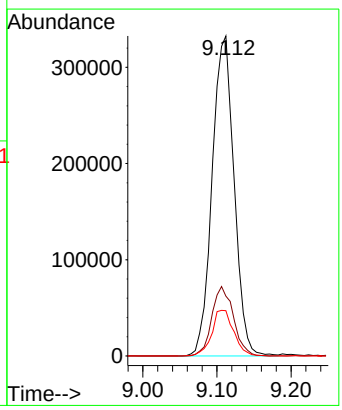


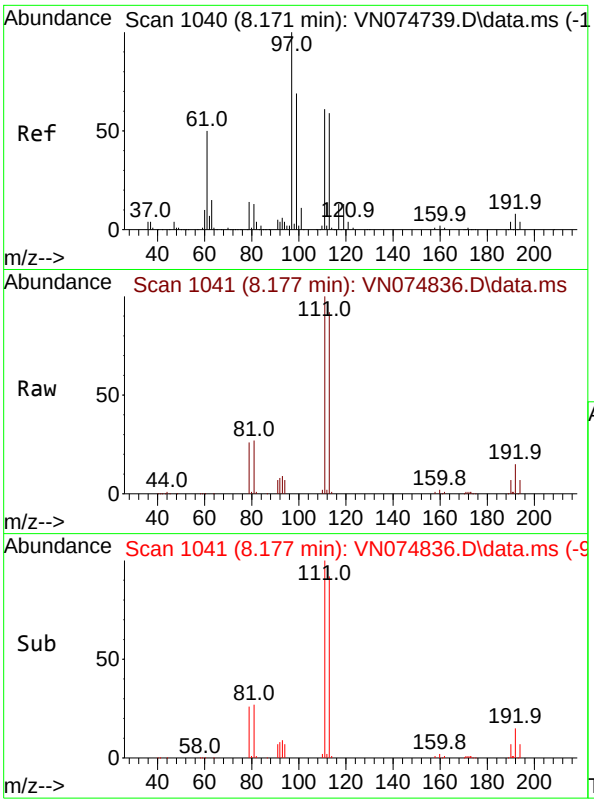


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Tgt Ion:114 Resp: 684389

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	41.2
88	14.1	0.0	30.2



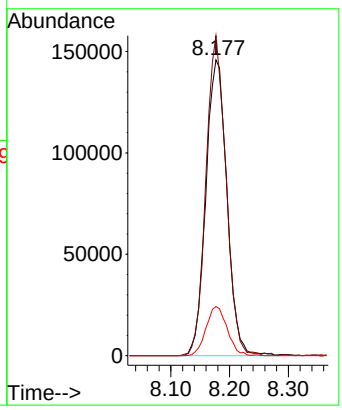


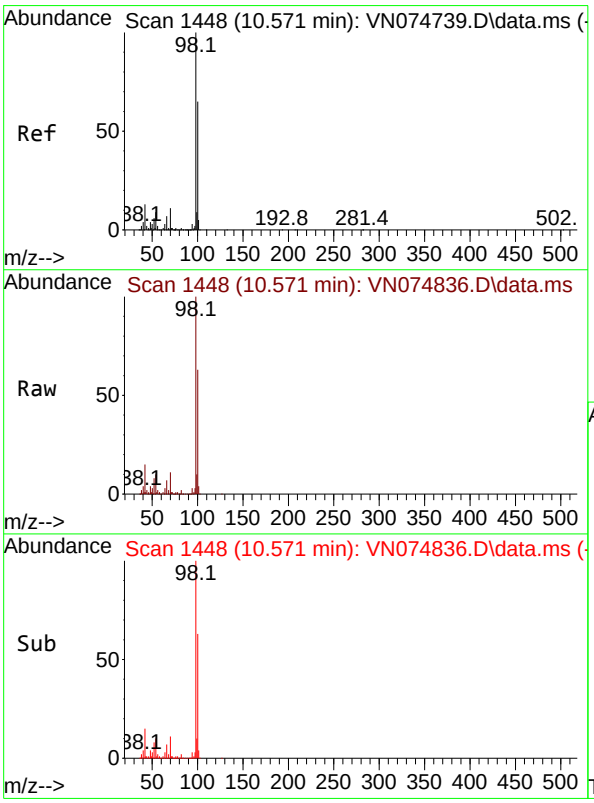
#35
Dibromofluoromethane
Concen: 52.652 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Tgt Ion:113 Resp: 364076

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	16.6	12.6	18.8

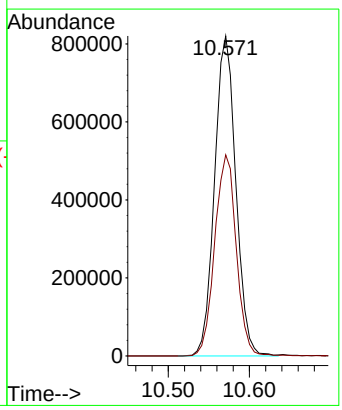


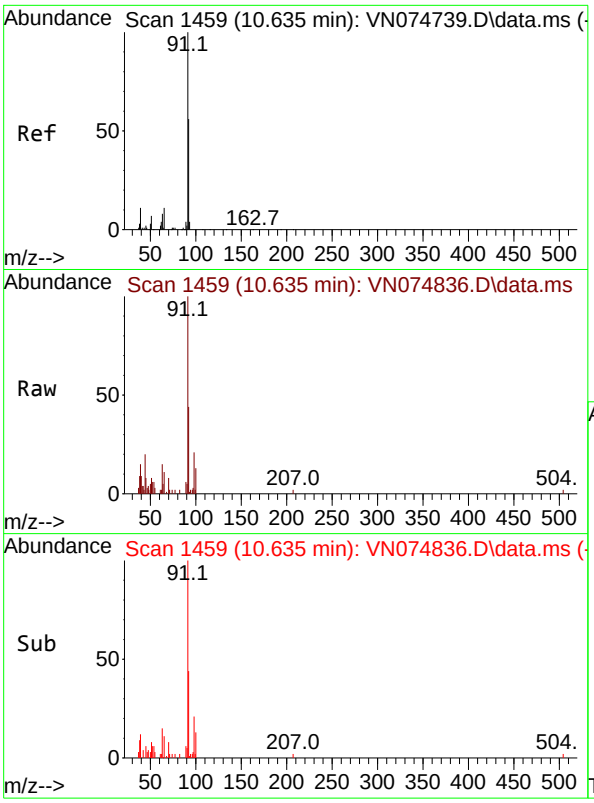


#50
Toluene-d8
Concen: 50.336 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Tgt Ion: 98 Resp: 1493507

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1



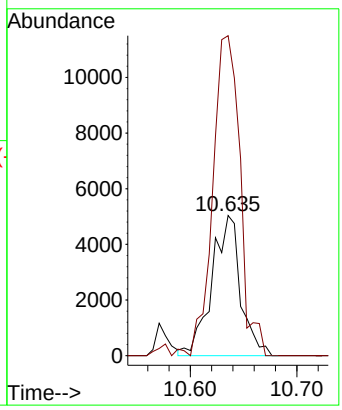


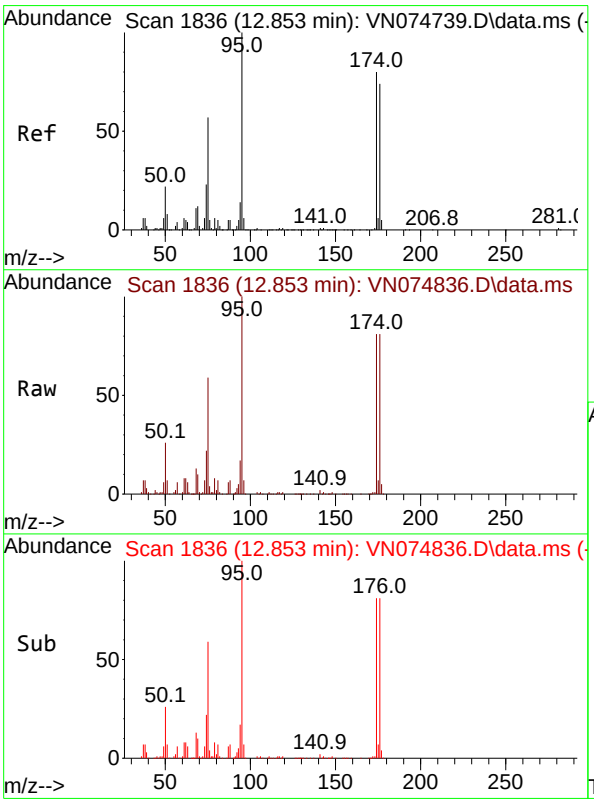
#52
Toluene
Concen: 0.433 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Tgt Ion: 92 Resp: 9432

Ion	Ratio	Lower	Upper
92	100		
91	215.6	140.2	210.4#

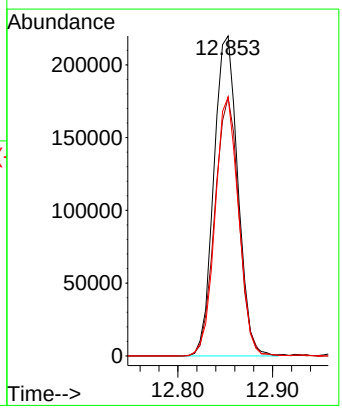


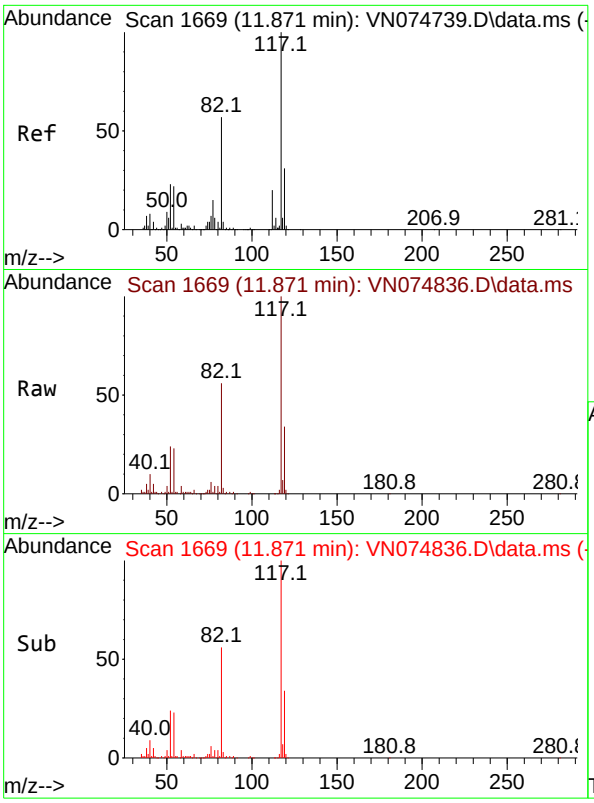


#62
4-Bromofluorobenzene
Concen: 42.906 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Tgt Ion: 95 Resp: 386985

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	149.4
176	79.0	0.0	142.0



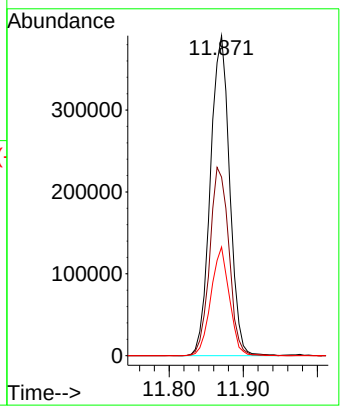


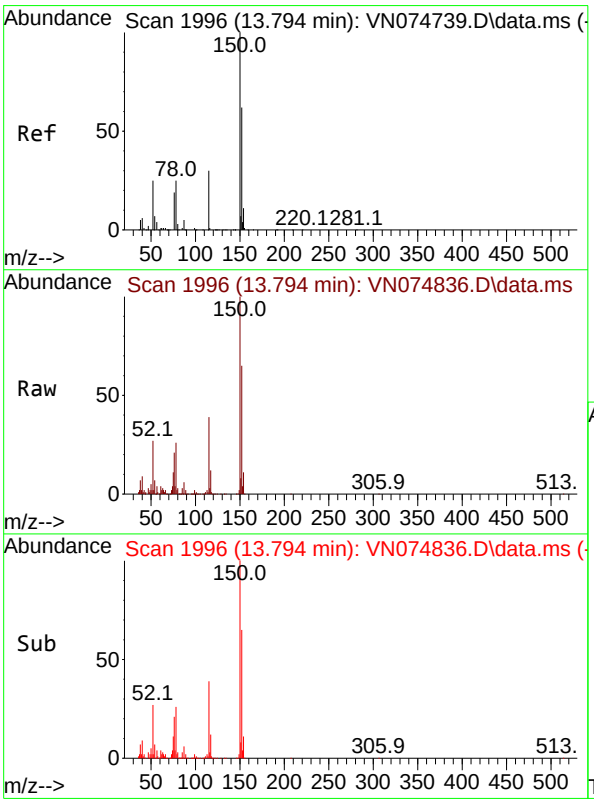
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
EOR-0615

Tgt Ion:117 Resp: 704155

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.2
119	34.0	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074836.D
Acq: 10 Oct 2022 17:01

Tgt Ion:152 Resp: 322219

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.0
150	158.1	0.0	356.4