Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
Data File : VN075612.D
Acq On : 07 Dec 2022 17:31
Operator : JC\MD
Sample : N5876-02DL 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Quant Time: Dec 07 17:58:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	225261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	309283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	59805	49.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.920%			
35) Dibromofluoromethane	8.171	113	78863	56.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.400%			
50) Toluene-d8	10.571	98	163932	51.865	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	12.853	95	117345	50.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.600%			
Target Compounds						Qvalue
16) Acetone	4.448	43	52790	46.805	ug/l	95
25) 2-Butanone	7.489	43	261888	166.317	ug/l	98
29) Tetrahydrofuran	7.847	42	36732	38.350	ug/l	98
40) Benzene	8.612	78	53569	5.717	ug/l	98
52) Toluene	10.635	92	140688	23.300	ug/l	99
67) Ethyl Benzene	11.965	91	34343	3.152	ug/l	99
68) m/p-Xylenes	12.071	106	53904	12.181	ug/l	96
69) o-Xylene	12.400	106	28271	6.430	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	10040	1.191	ug/l	94

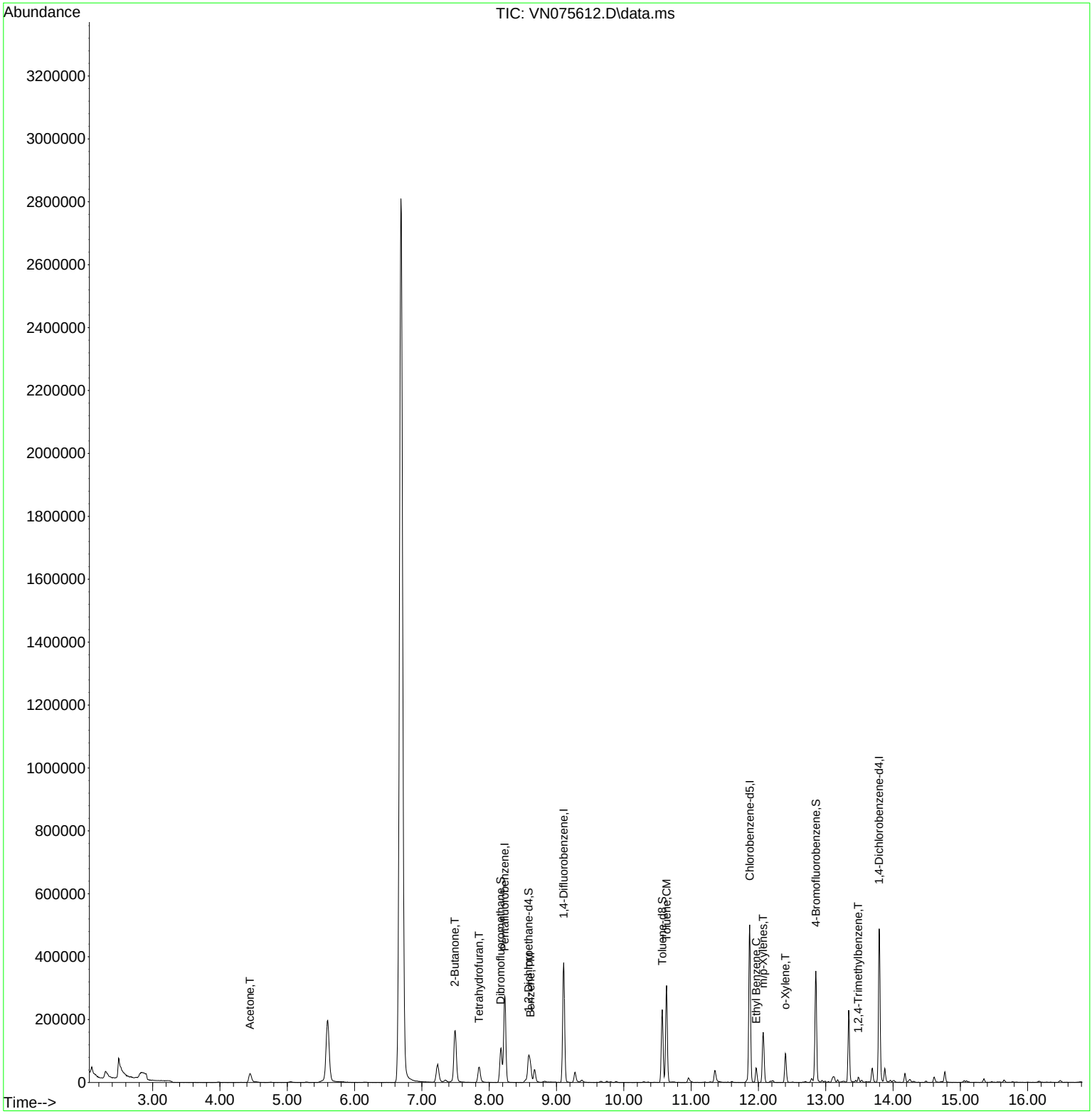
(#) = qualifier out of range (m) = manual integration (+) = signals summed

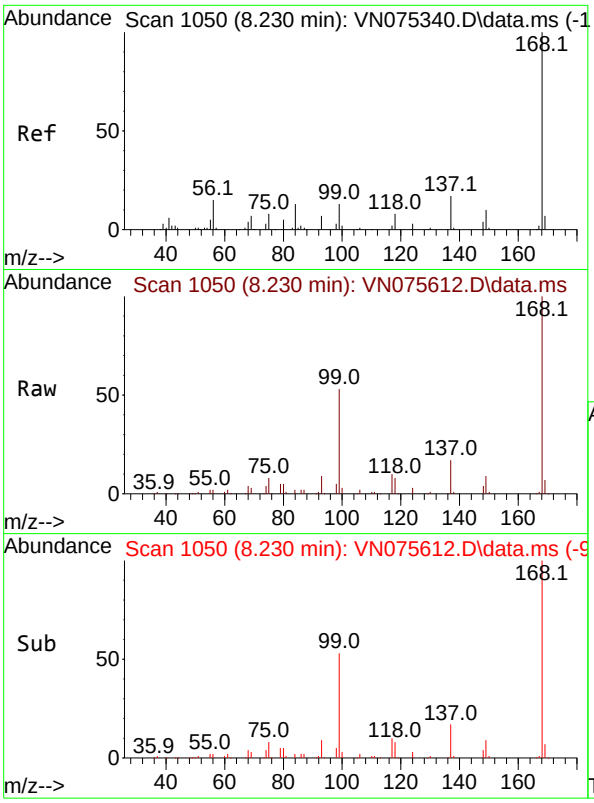
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
Data File : VN075612.D
Acq On : 07 Dec 2022 17:31
Operator : JC\MD
Sample : N5876-02DL 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Quant Time: Dec 07 17:58:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration



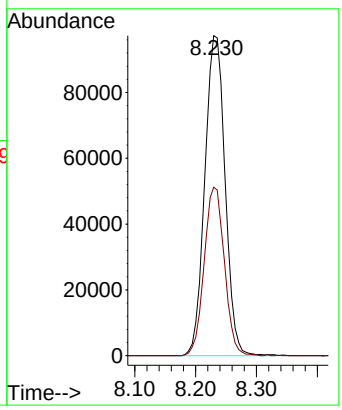


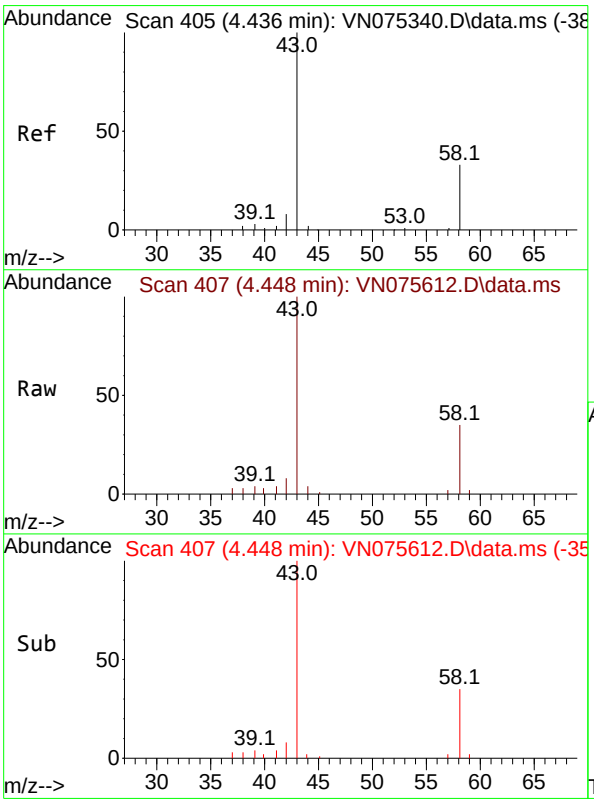
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion:168 Resp: 225261

Ion	Ratio	Lower	Upper
168	100		
99	52.7	51.6	77.4

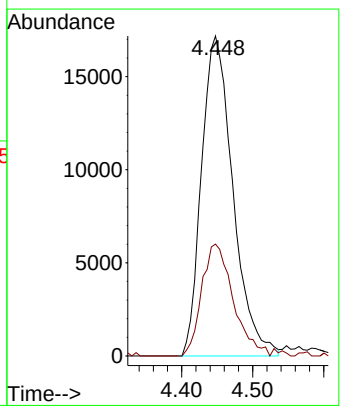


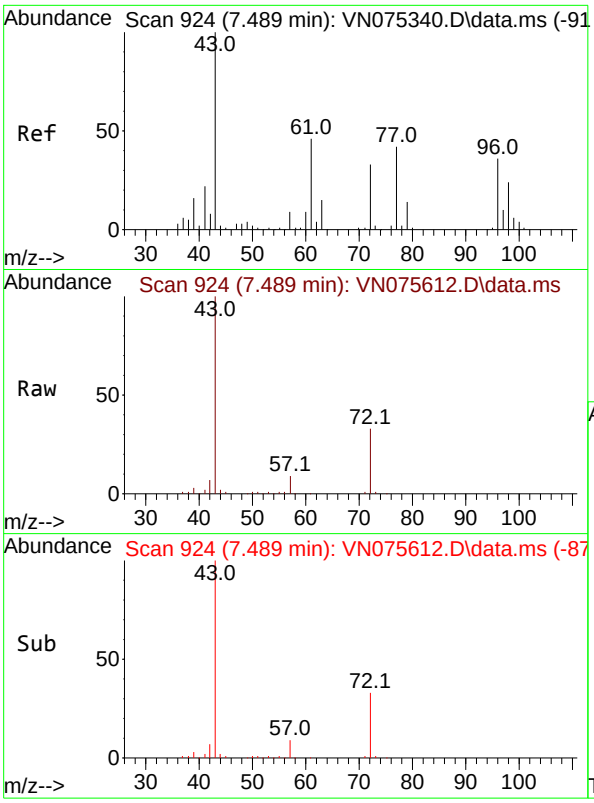


#16
Acetone
Concen: 46.805 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion: 43 Resp: 52790

Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.5	38.3



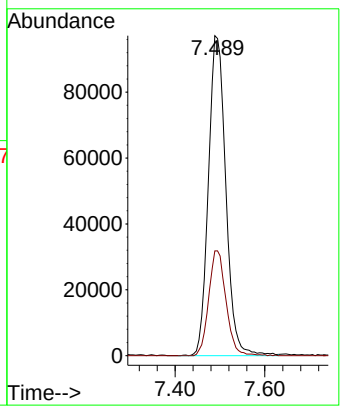


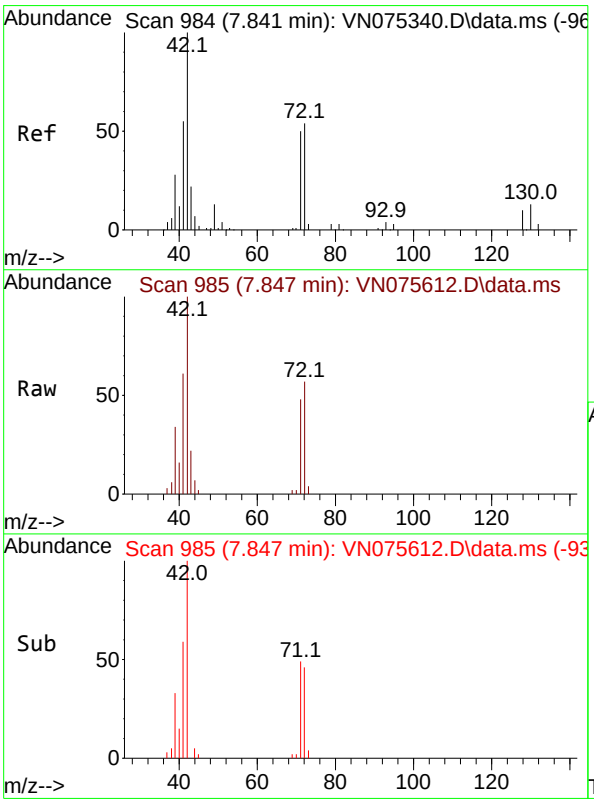
#25
2-Butanone
Concen: 166.317 ug/l
RT: 7.489 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion: 43 Resp: 261888

Ion	Ratio	Lower	Upper
43	100		
72	32.8	25.5	38.3

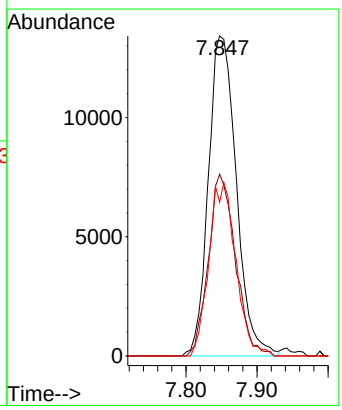


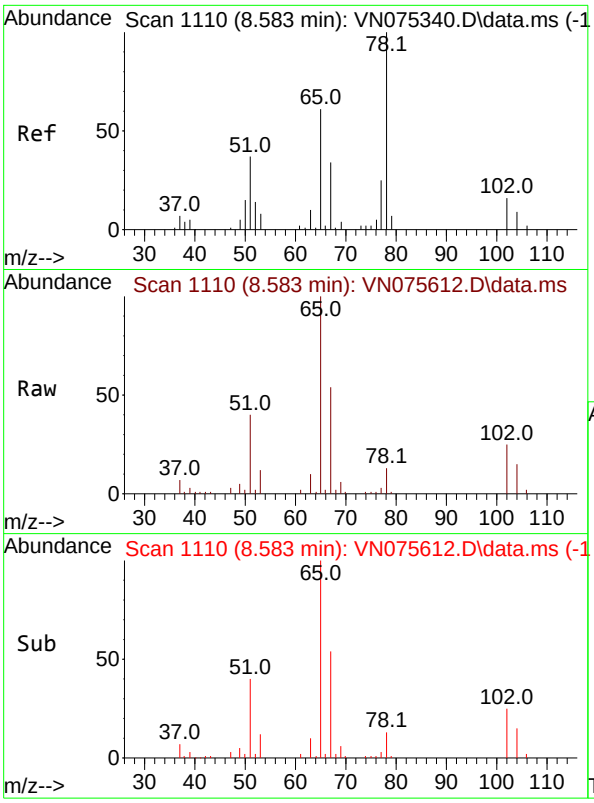


#29
Tetrahydrofuran
Concen: 38.350 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion: 42 Resp: 36732

Ion	Ratio	Lower	Upper
42	100		
72	54.7	43.0	64.6
71	52.4	39.9	59.9



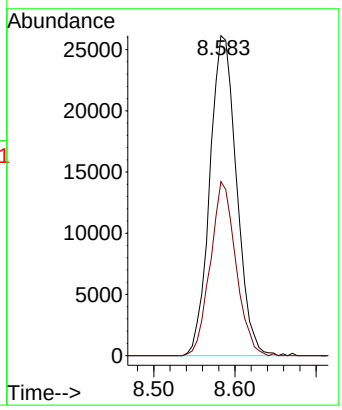


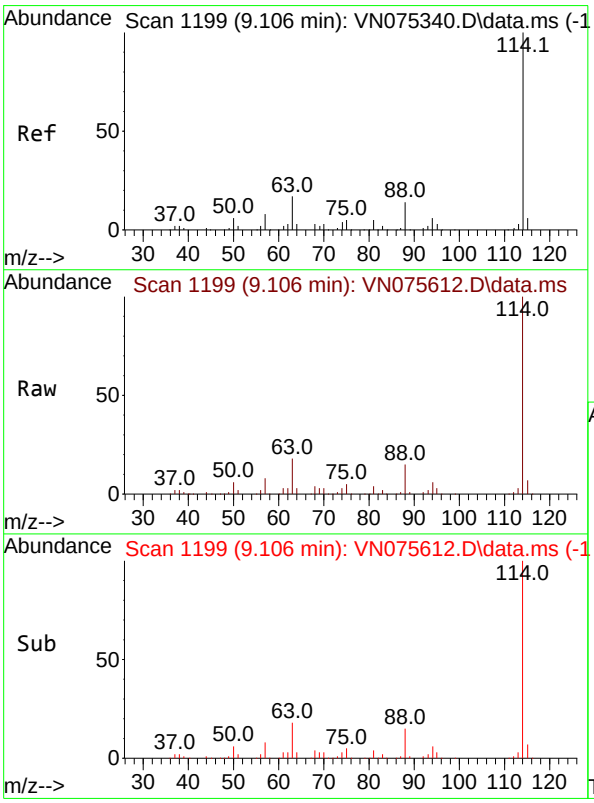
#33
1,2-Dichloroethane-d4
Concen: 49.460 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion: 65 Resp: 59805

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.0

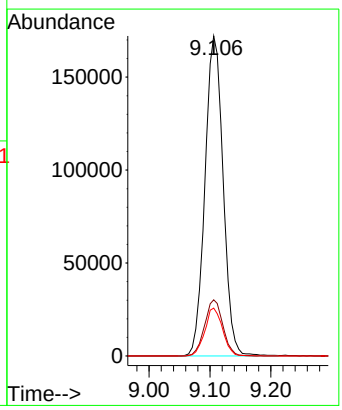


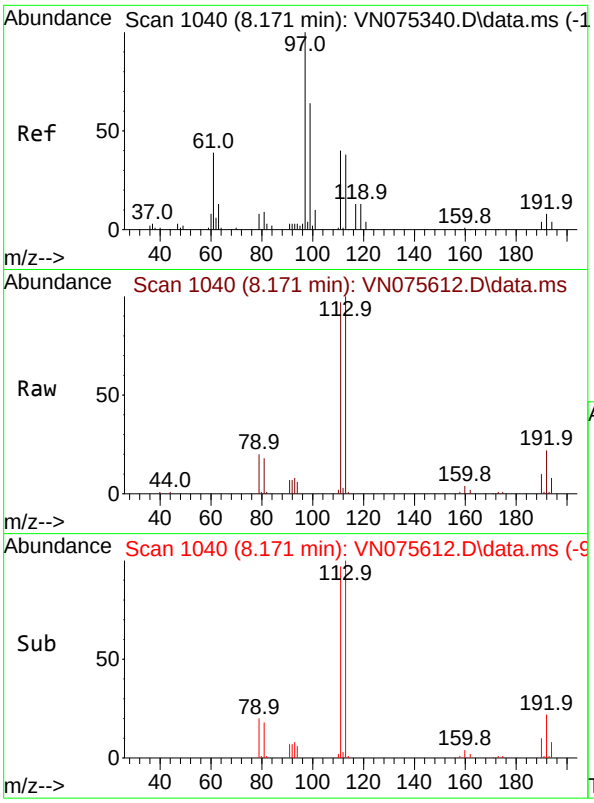


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion:114 Resp: 357239

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.6
88	14.9	0.0	29.0



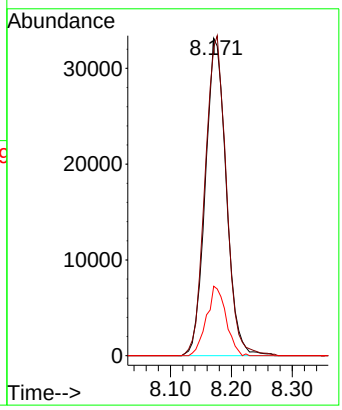


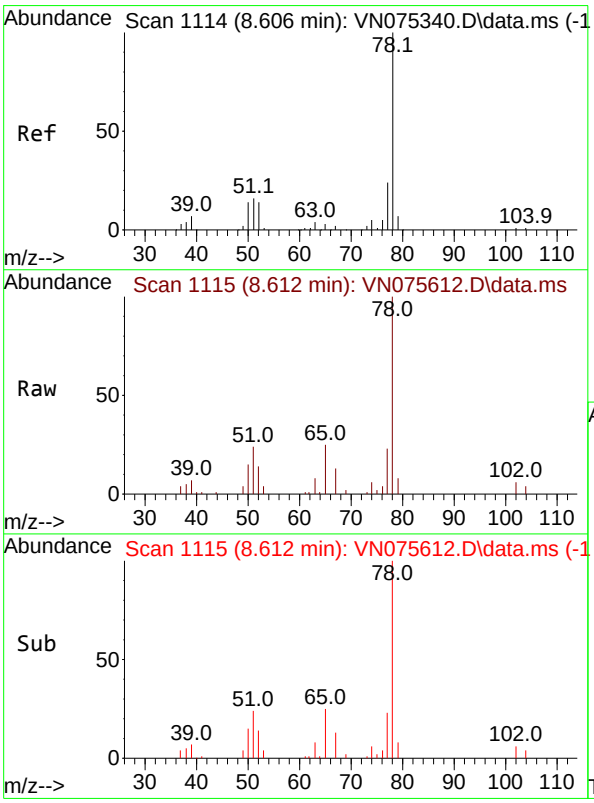
#35
Dibromofluoromethane
Concen: 56.196 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion:113 Resp: 78863

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	20.5	13.2	19.8#

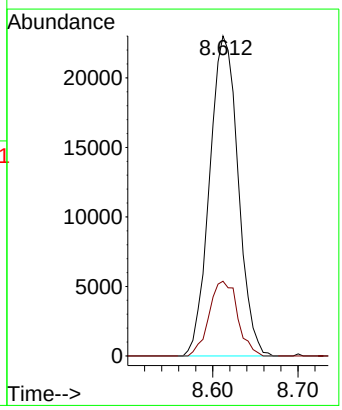


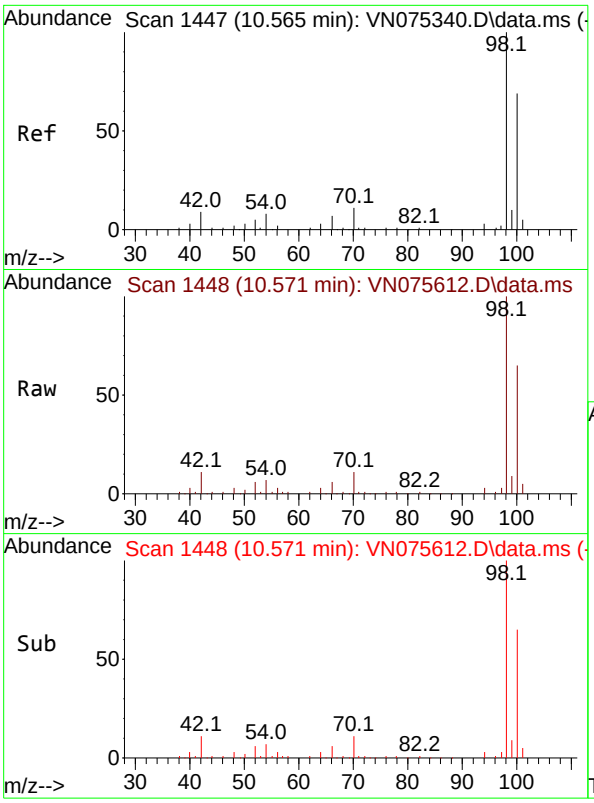


#40
Benzene
Concen: 5.717 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion: 78 Resp: 53569

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0



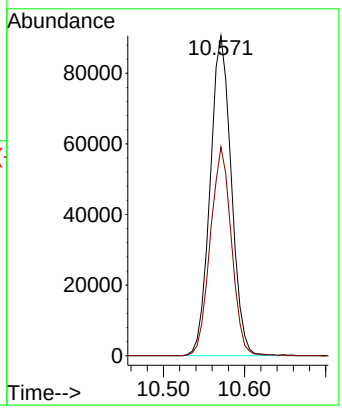


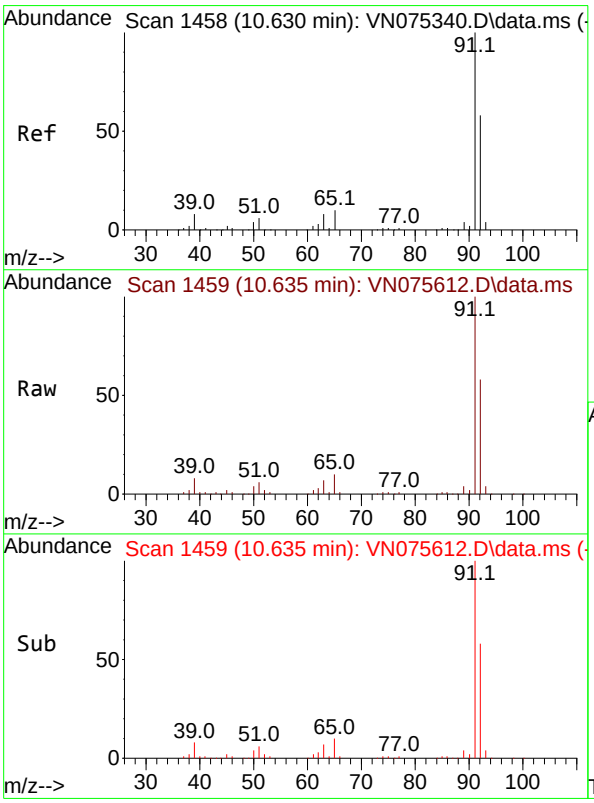
#50
Toluene-d8
Concen: 51.865 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion: 98 Resp: 163932

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6

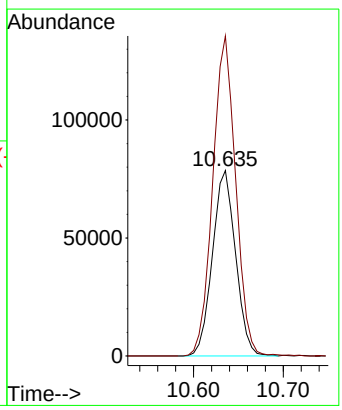


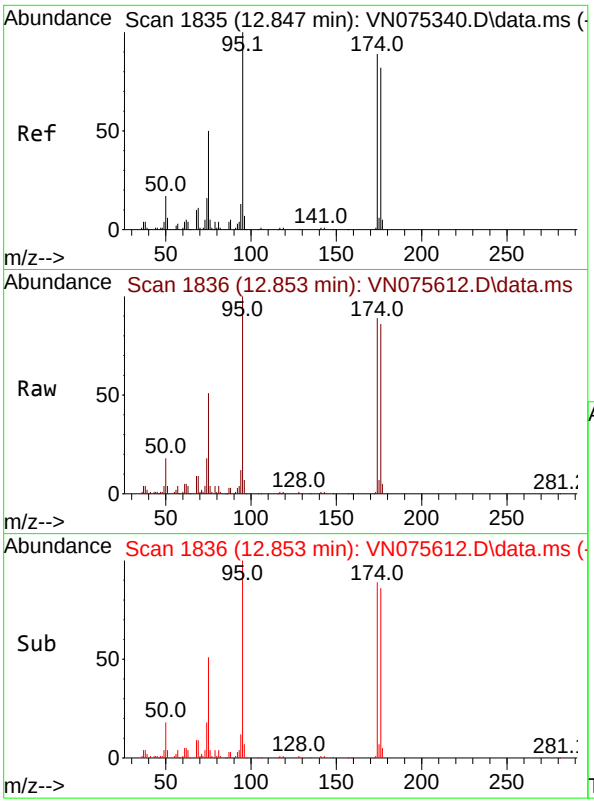


#52
Toluene
Concen: 23.300 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion: 92 Resp: 140688

Ion	Ratio	Lower	Upper
92	100		
91	171.1	135.4	203.2



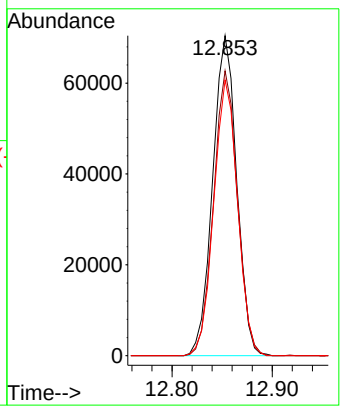


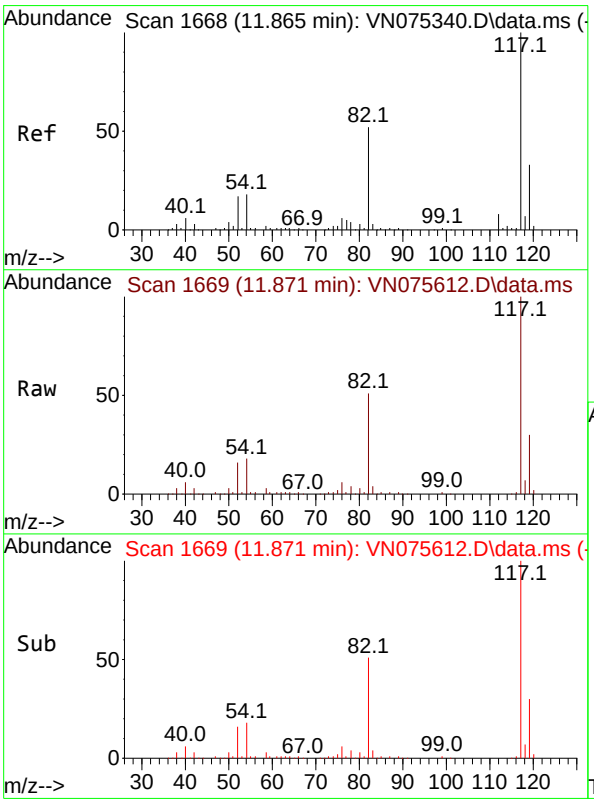
#62
4-Bromofluorobenzene
Concen: 50.299 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion: 95 Resp: 117345

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	147.4
176	85.4	0.0	142.2

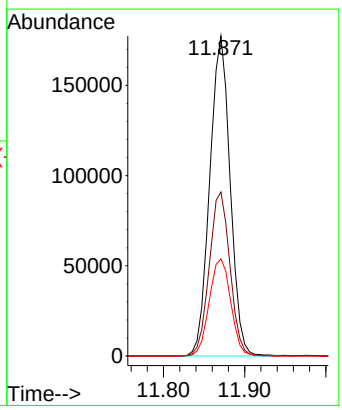


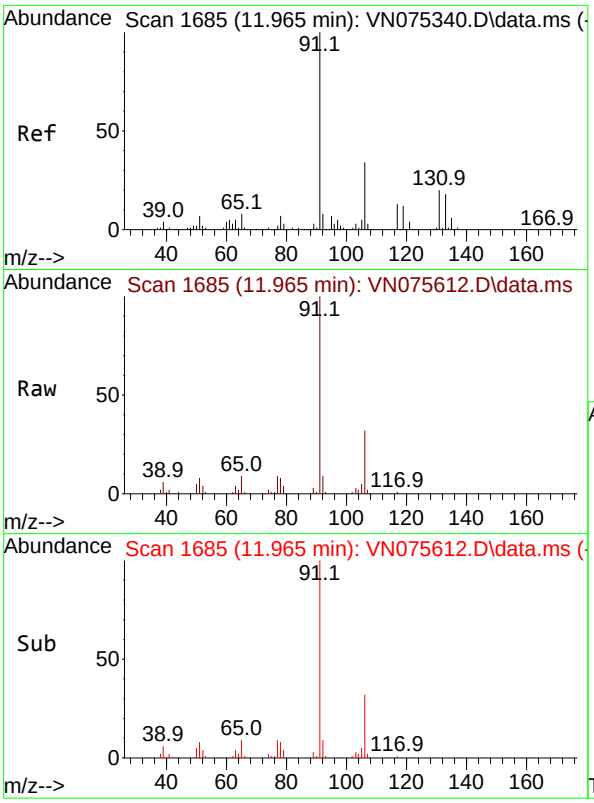


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion:117 Resp: 309283

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.1	64.7
119	30.3	25.5	38.3



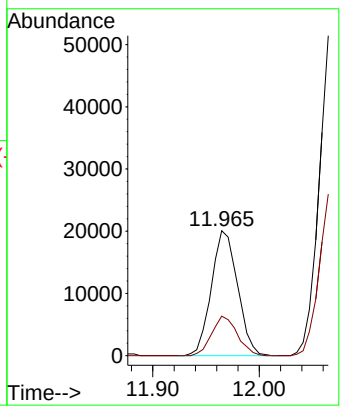


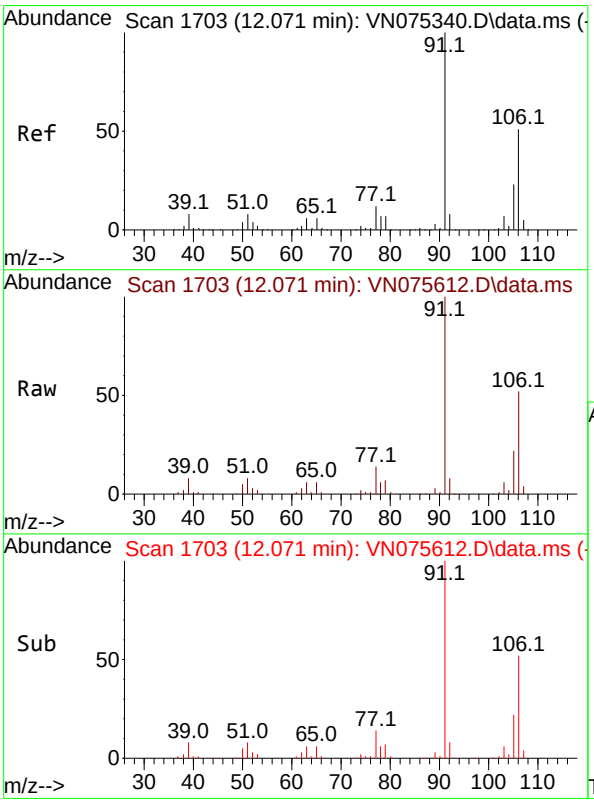
#67
Ethyl Benzene
Concen: 3.152 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion: 91 Resp: 34343

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.9	37.3

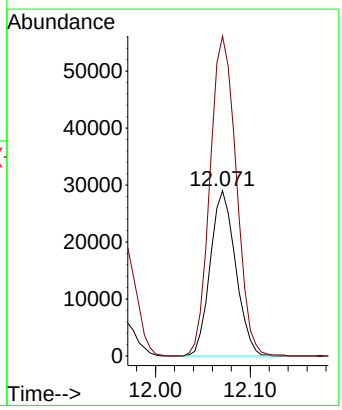


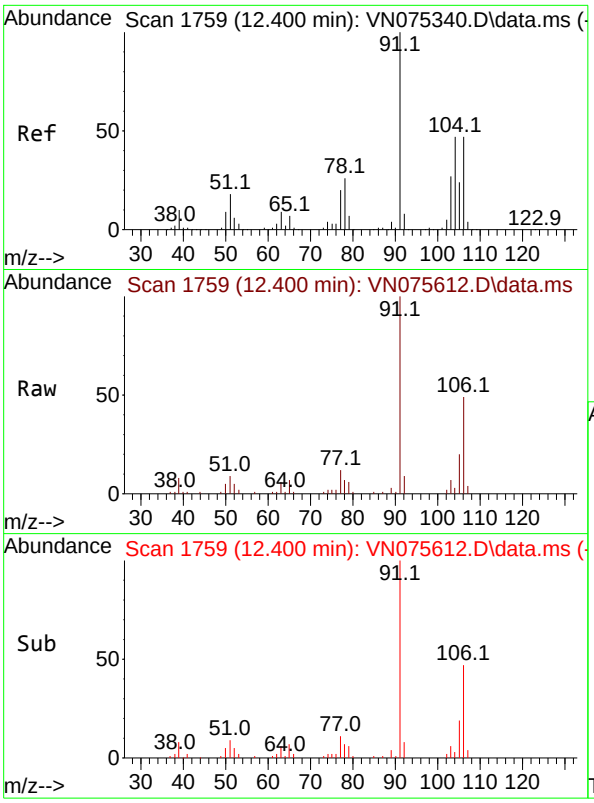


#68
m/p-Xylenes
Concen: 12.181 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion:106 Resp: 53904

Ion	Ratio	Lower	Upper
106	100		
91	200.8	156.0	234.0



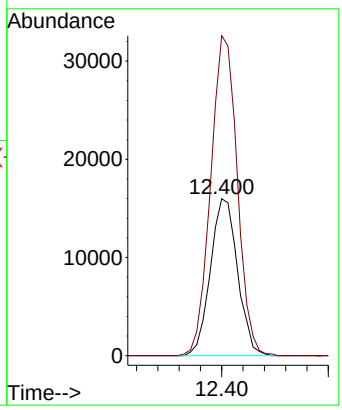


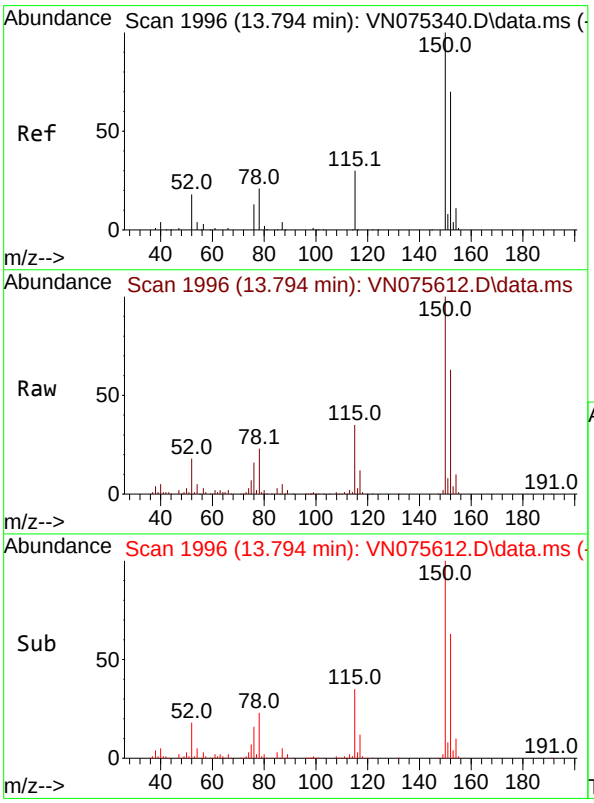
#69
o-Xylene
Concen: 6.430 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion:106 Resp: 28271

Ion	Ratio	Lower	Upper
106	100		
91	199.9	105.2	315.5

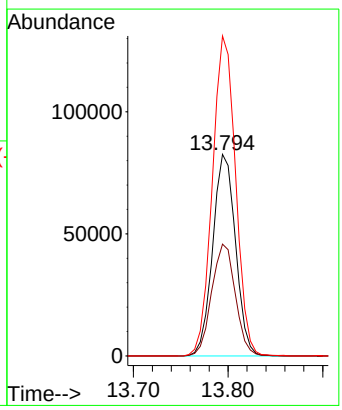


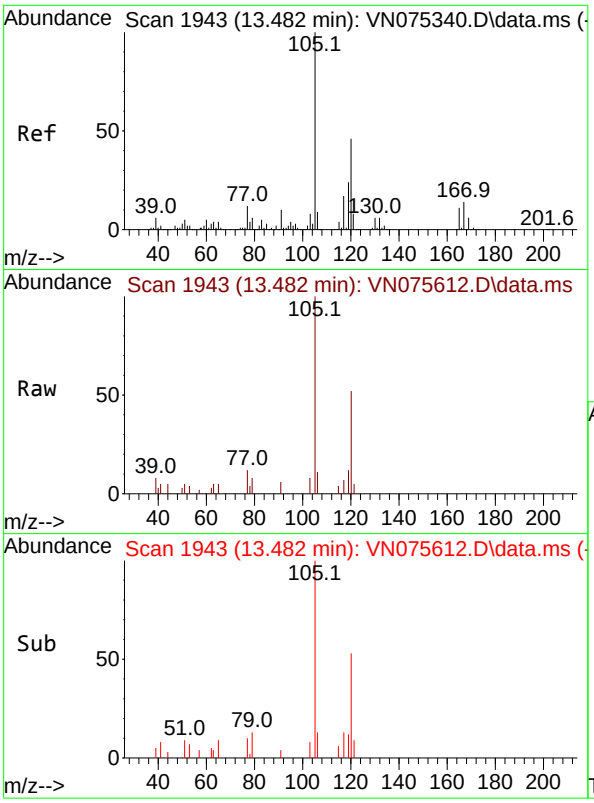


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Tgt Ion:152 Resp: 138425

Ion	Ratio	Lower	Upper
152	100		
115	57.6	30.2	90.6
150	161.5	0.0	348.4





#84
1,2,4-Trimethylbenzene
Concen: 1.191 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075612.D
Acq: 07 Dec 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02DL

Tgt Ion:105 Resp: 10040

Ion	Ratio	Lower	Upper
105	100		
120	49.0	22.7	68.1