Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
Data File : VN076551.D
Acq On : 06 Feb 2023 19:00
Operator : JC\MD
Sample : 01454-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Quant Time: Feb 07 04:49:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 01:44:01 2023
Response via : Initial Calibration

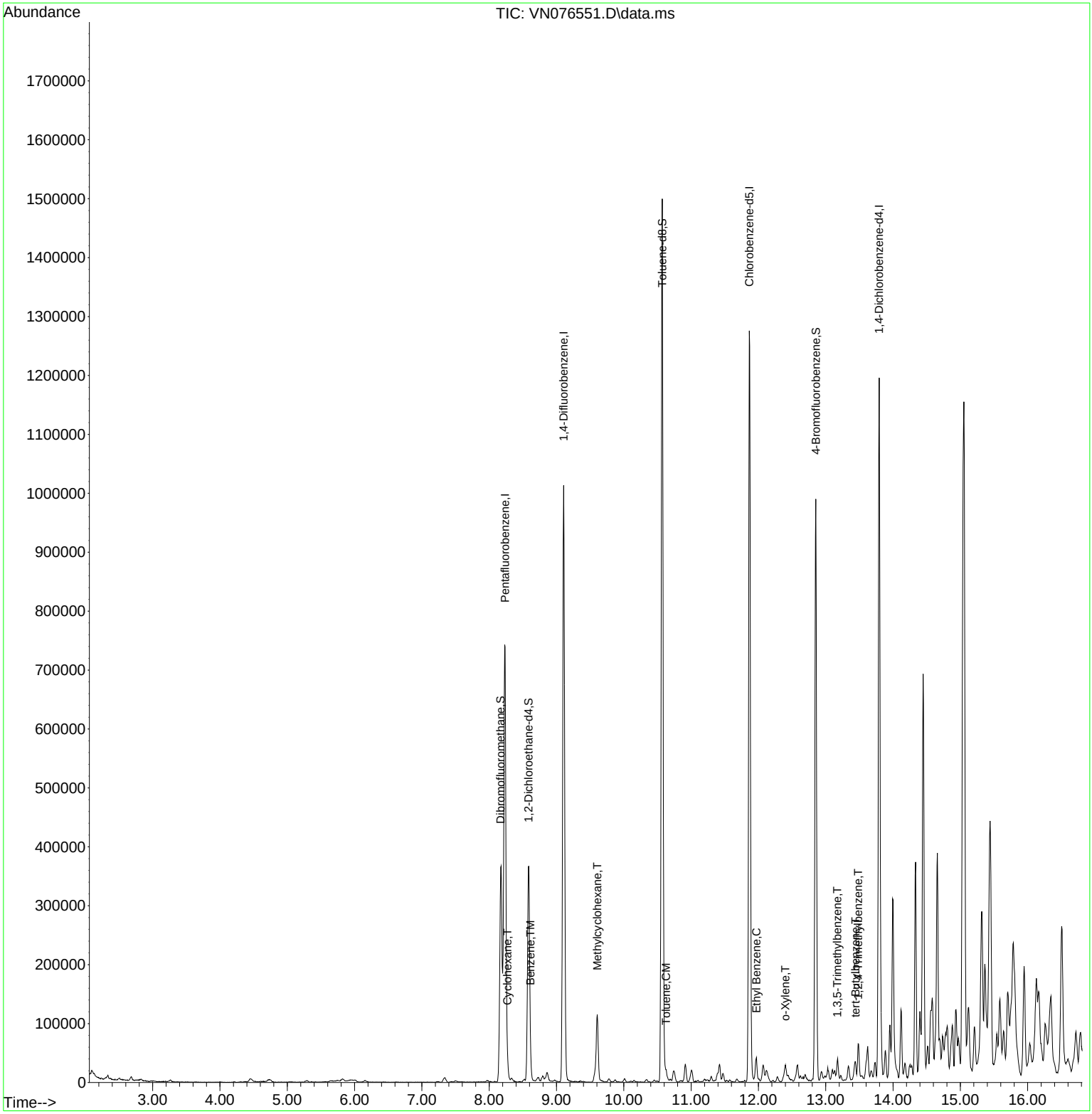
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	564931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	926527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	806837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	340664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	312007	46.384	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.760%		
35) Dibromofluoromethane	8.171	113	274707	47.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	10.571	98	1069143	49.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.160%		
62) 4-Bromofluorobenzene	12.853	95	365188	48.368	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.740%		
Target Compounds						Qvalue
31) Cyclohexane	8.271	56	27227	2.589	ug/l	94
39) Methylcyclohexane	9.606	83	52903	5.323	ug/l	91
40) Benzene	8.612	78	8275	0.332	ug/l	97
52) Toluene	10.630	92	4728	0.297	ug/l	99
67) Ethyl Benzene	11.971	91	10299	0.351	ug/l	93
69) o-Xylene	12.400	106	6406	0.572	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	15057	0.654	ug/l	95
83) tert-Butylbenzene	13.441	119	14633	0.715	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	40309	1.765	ug/l	94

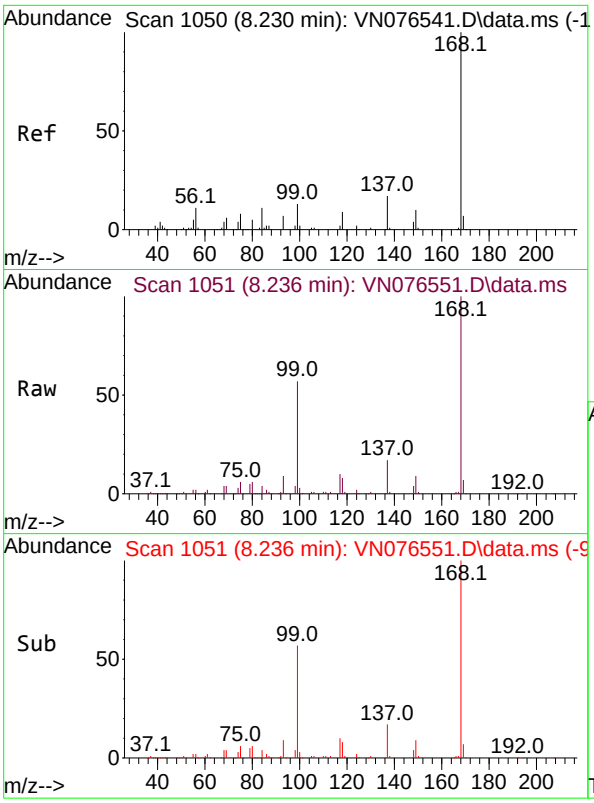
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
Data File : VN076551.D
Acq On : 06 Feb 2023 19:00
Operator : JC\MD
Sample : 01454-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Quant Time: Feb 07 04:49:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 01:44:01 2023
Response via : Initial Calibration



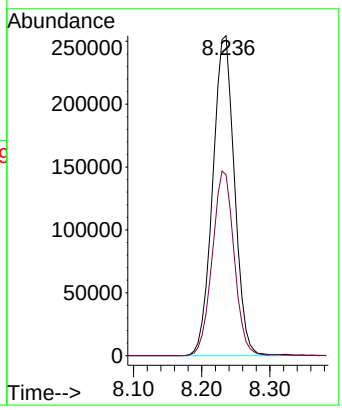


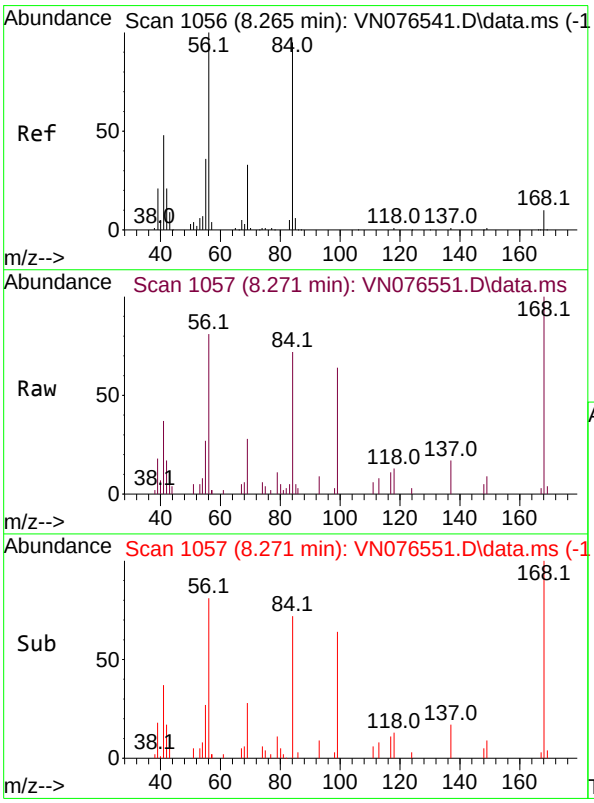
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion:168 Resp: 564931

Ion	Ratio	Lower	Upper
168	100		
99	56.6	47.1	70.7

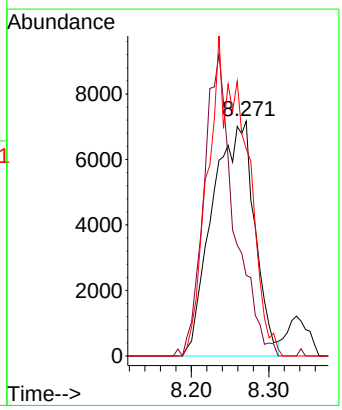


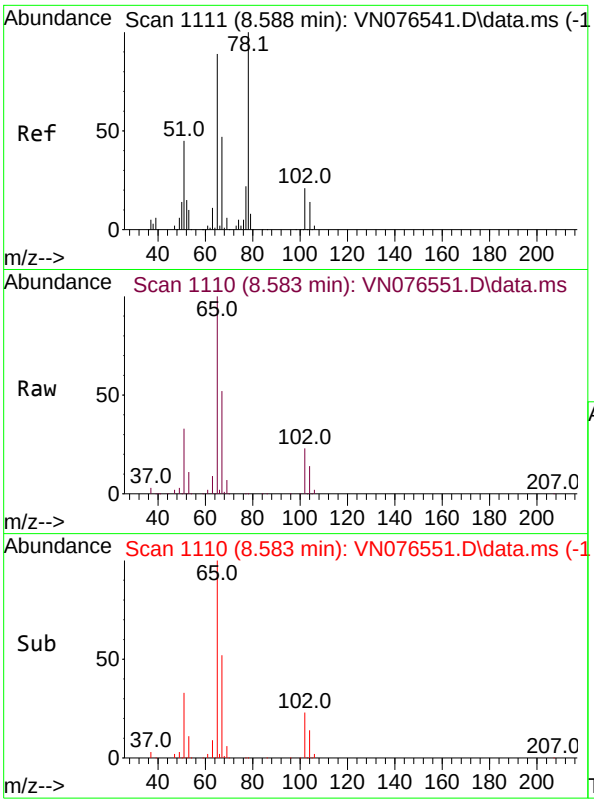


#31
Cyclohexane
Concen: 2.589 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 56 Resp: 27227

Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.5	39.7
84	88.3	76.2	114.4



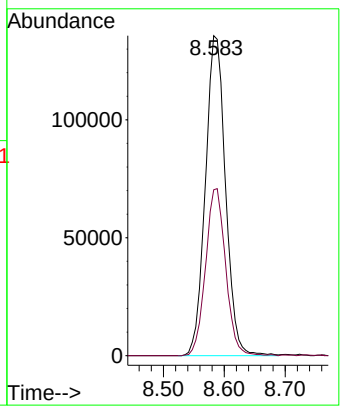


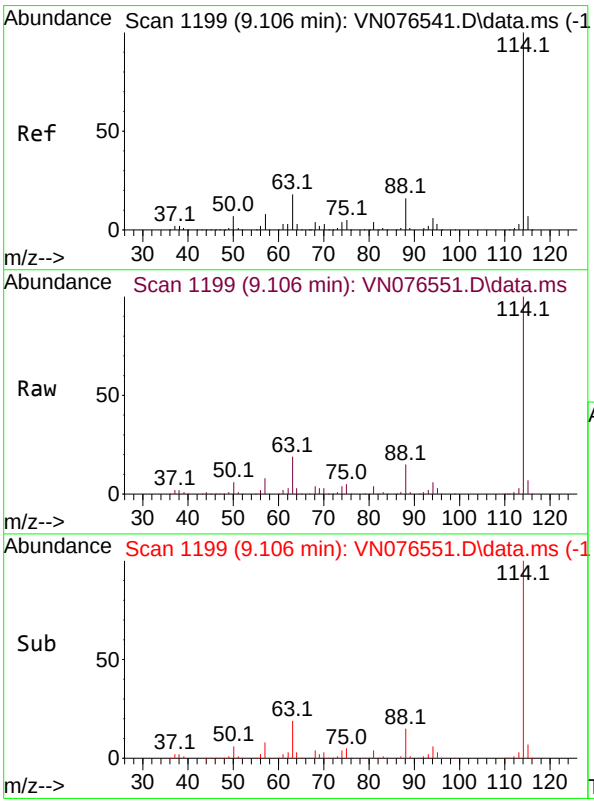
#33
1,2-Dichloroethane-d4
Concen: 46.384 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion: 65 Resp: 312007

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.4

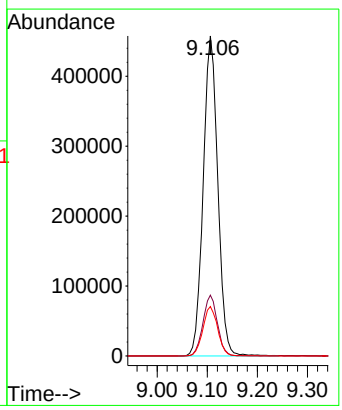


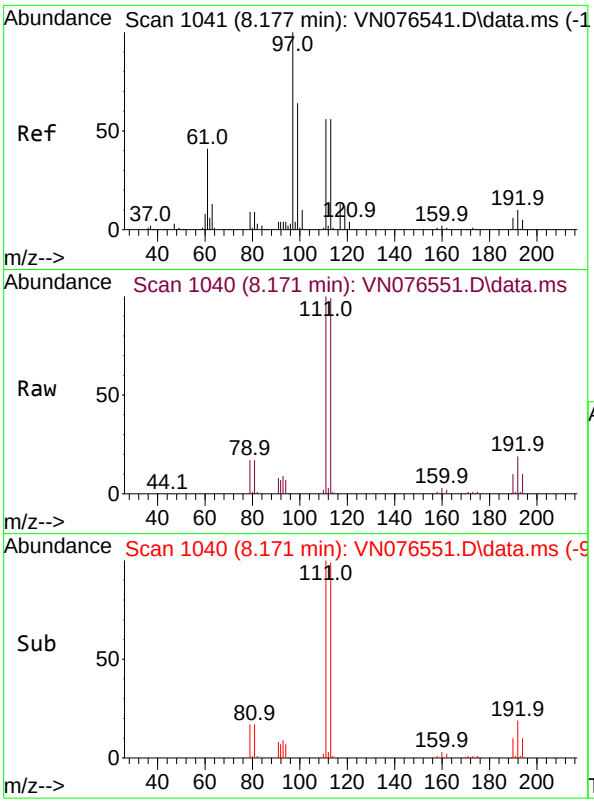


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion:114 Resp: 926527

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.8
88	15.5	0.0	31.4



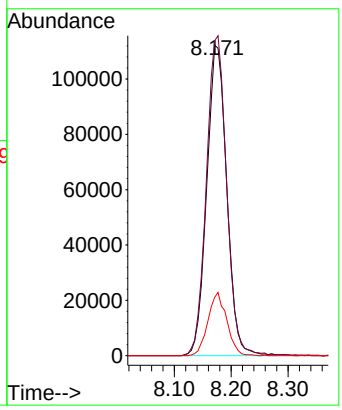


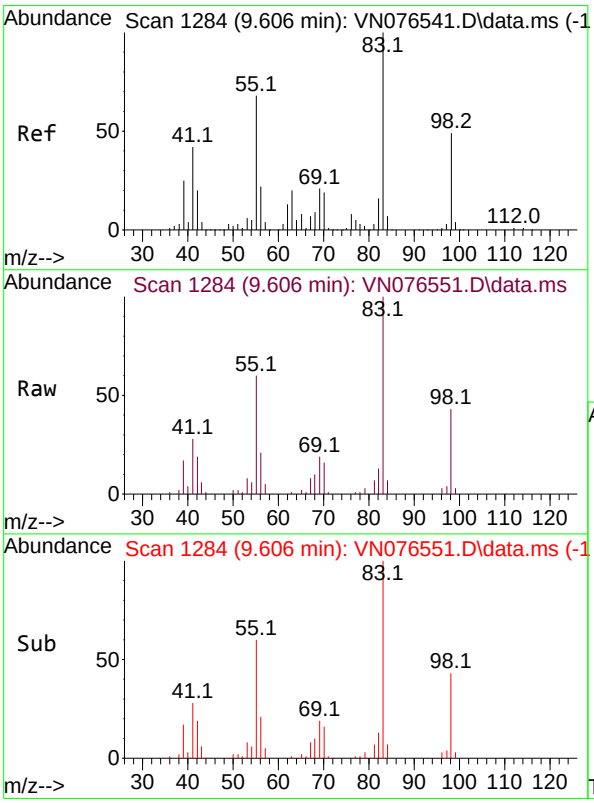
#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion:113 Resp: 274707

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.5	122.3
192	19.1	15.0	22.4

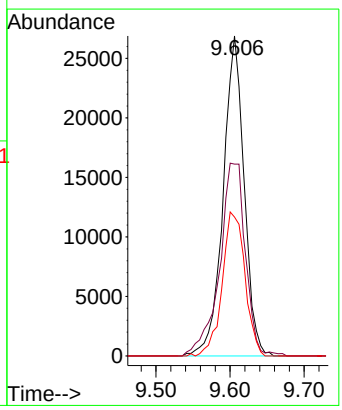


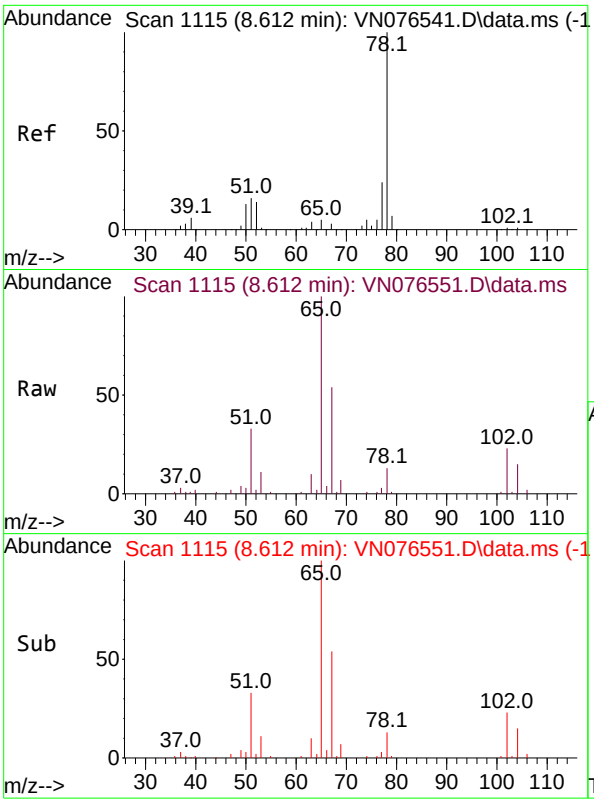


#39
Methylcyclohexane
Concen: 5.323 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 83 Resp: 52903

Ion	Ratio	Lower	Upper
83	100		
55	59.9	54.1	81.1
98	43.4	39.5	59.3



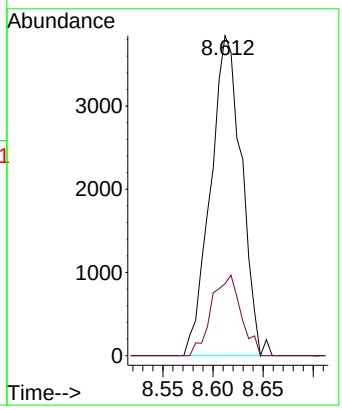


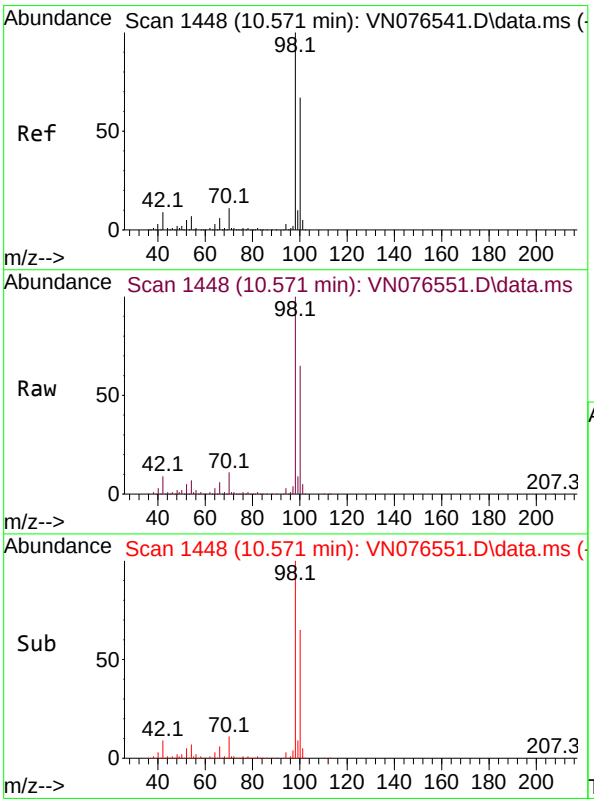
#40
Benzene
Concen: 0.332 ug/l
RT: 8.612 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion: 78 Resp: 8275

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.6

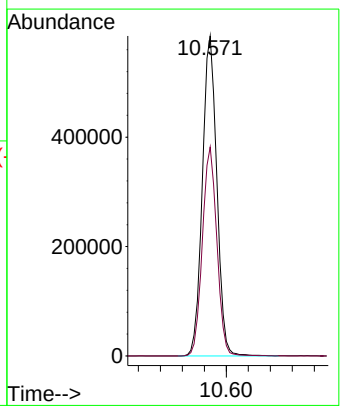


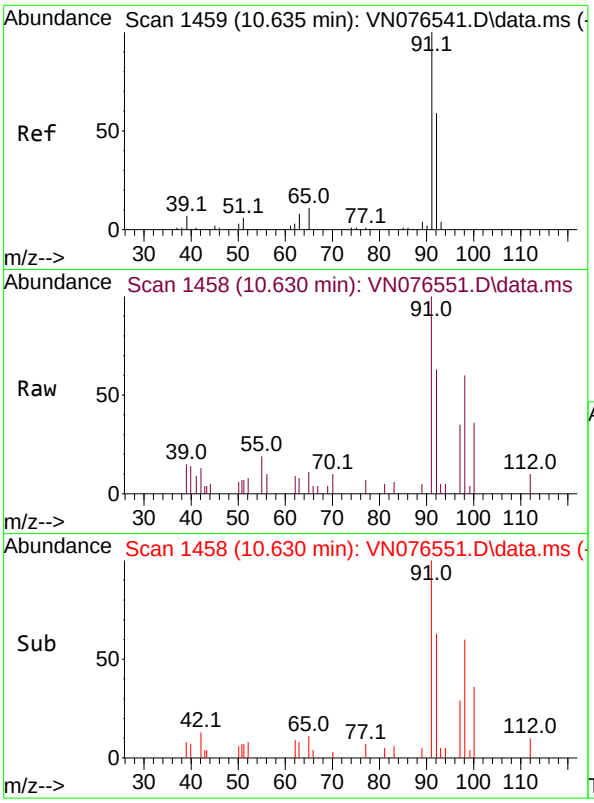


#50
Toluene-d8
Concen: 49.079 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 98 Resp: 1069143

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1



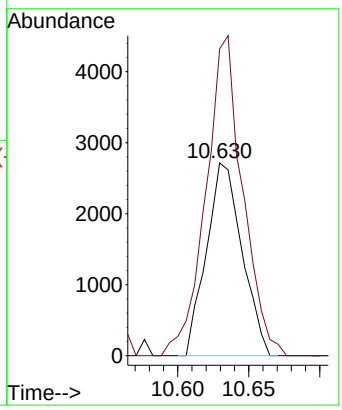


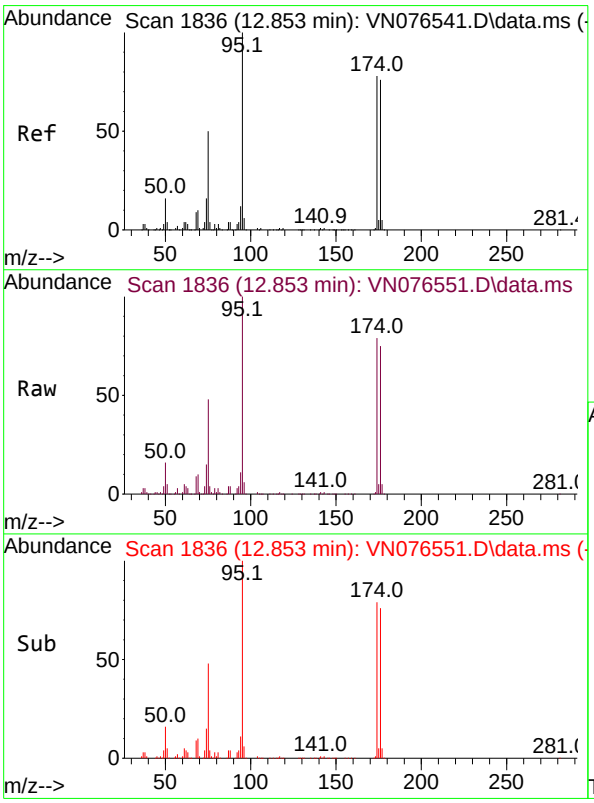
#52
Toluene
Concen: 0.297 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion: 92 Resp: 4728

Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.8	205.2

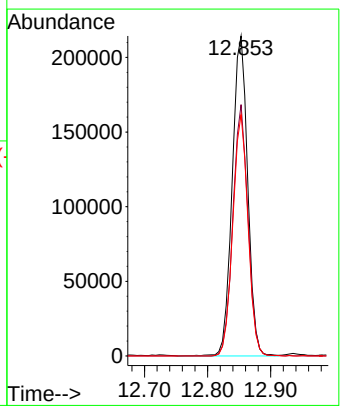


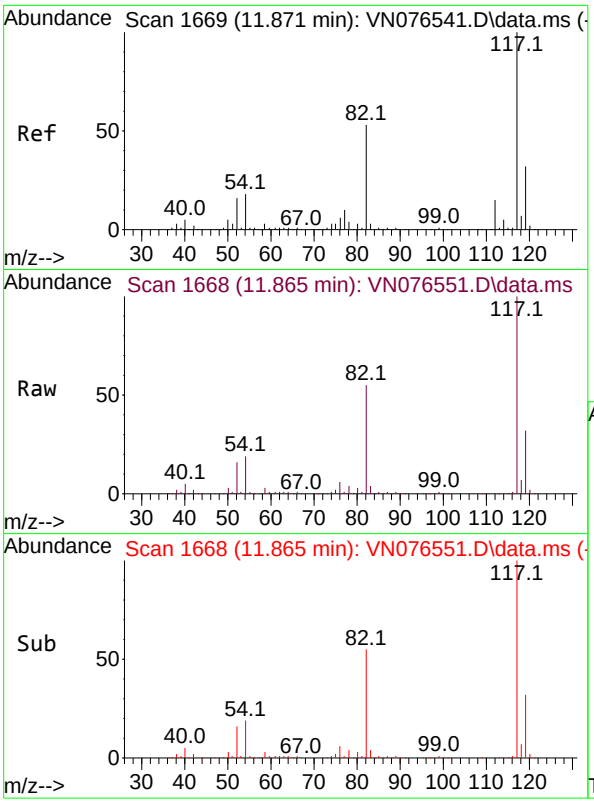


#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 95 Resp: 365188

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	153.4
176	73.8	0.0	149.0



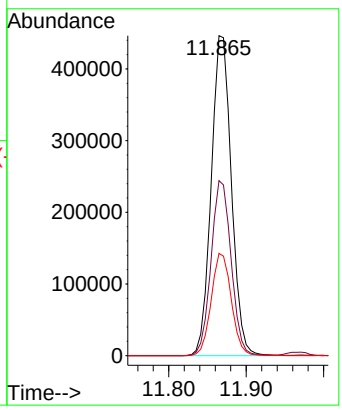


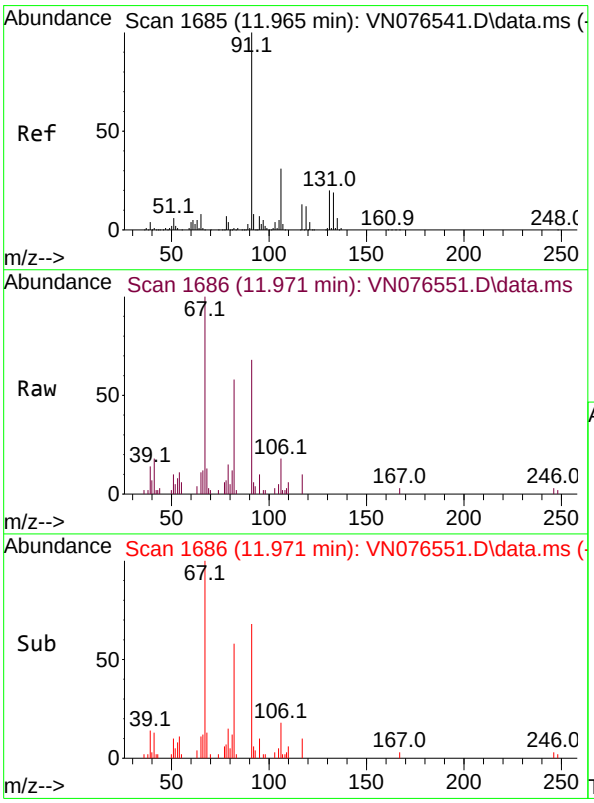
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion:117 Resp: 806837

Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.4	63.6
119	31.9	25.8	38.8

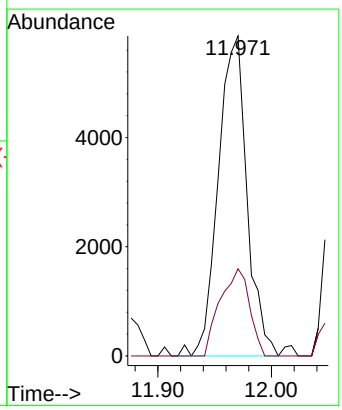


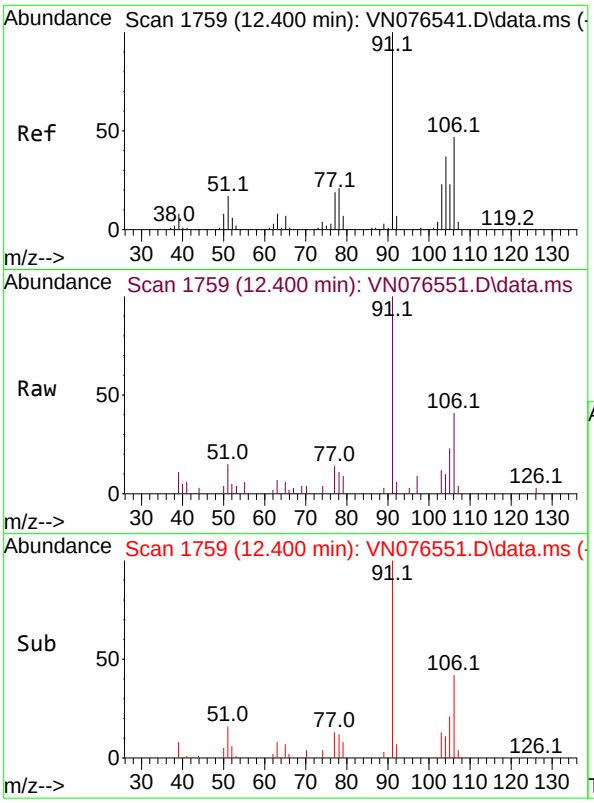


#67
Ethyl Benzene
Concen: 0.351 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 91 Resp: 10299

Ion	Ratio	Lower	Upper
91	100		
106	27.3	25.0	37.6



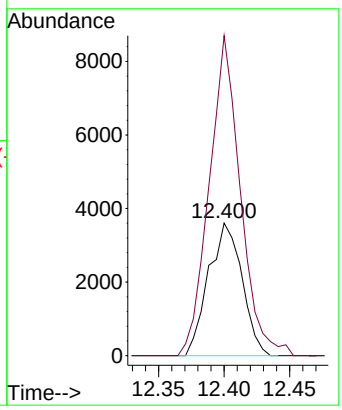


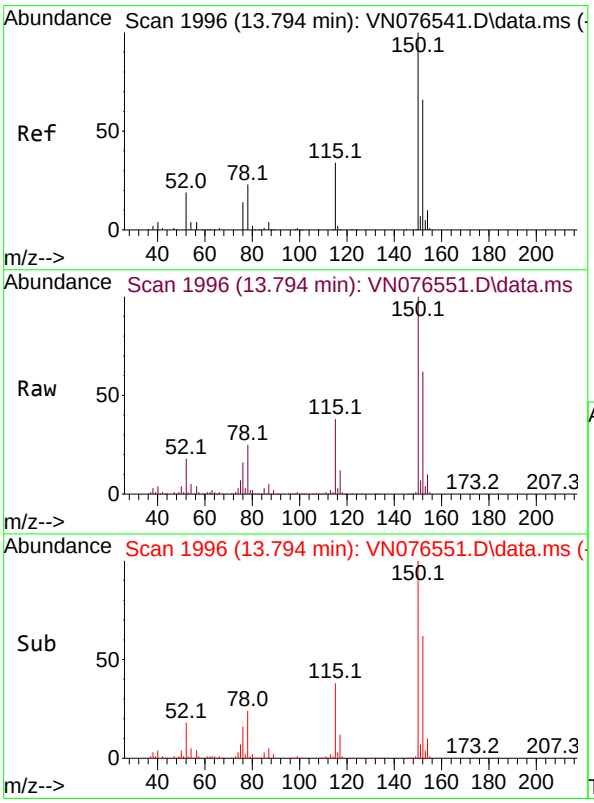
#69
o-Xylene
Concen: 0.572 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion:106 Resp: 6406

Ion	Ratio	Lower	Upper
106	100		
91	224.6	105.7	317.0

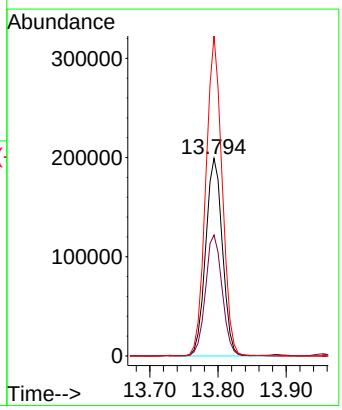


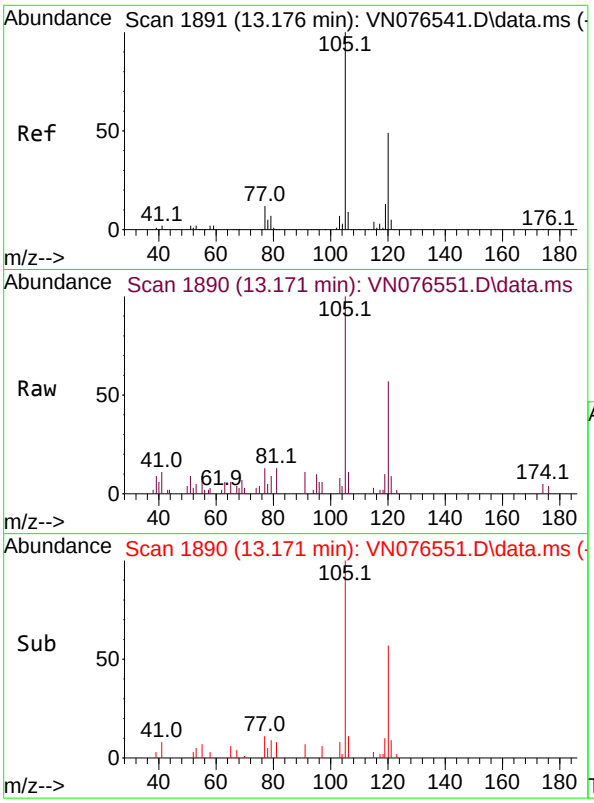


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion:152 Resp: 340664

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.5	91.5
150	157.2	0.0	352.0



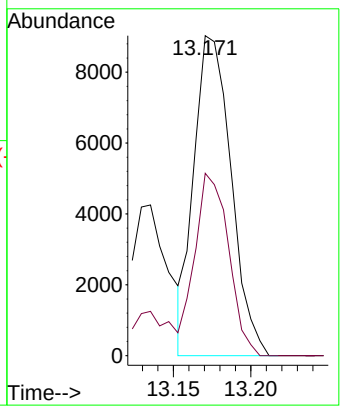


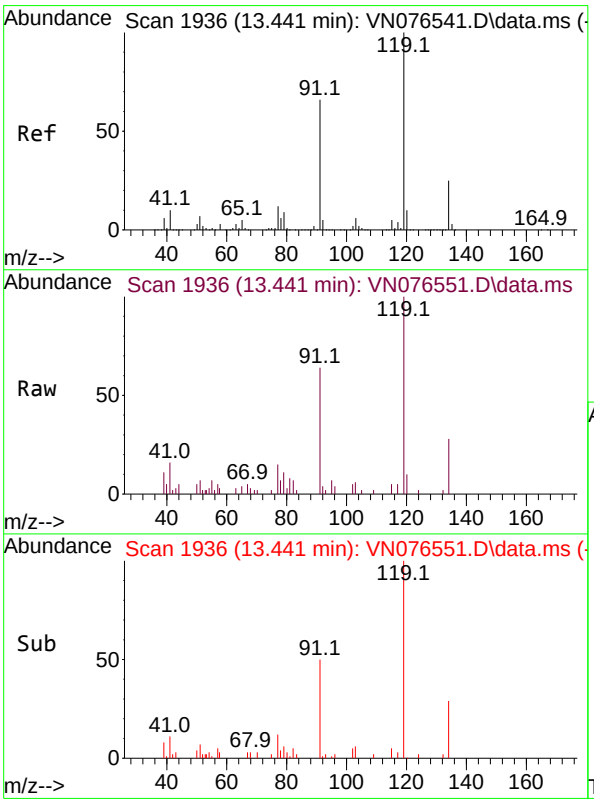
#80
1,3,5-Trimethylbenzene
Concen: 0.654 ug/l
RT: 13.171 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion:105 Resp: 15057

Ion	Ratio	Lower	Upper
105	100		
120	51.7	24.2	72.6

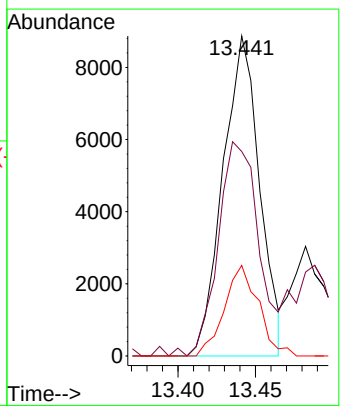


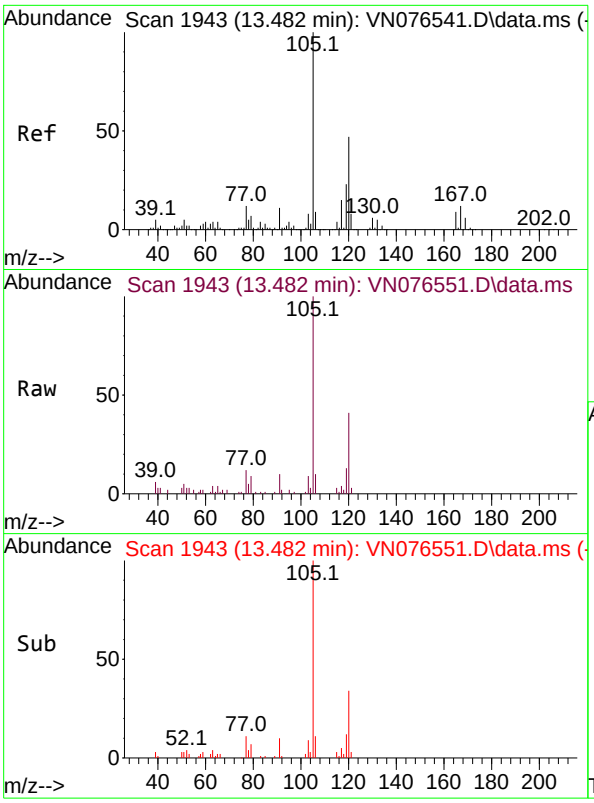


#83
tert-Butylbenzene
Concen: 0.715 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion:119 Resp: 14633

Ion	Ratio	Lower	Upper
119	100		
91	73.4	32.1	96.3
134	26.3	12.9	38.6





#84
1,2,4-Trimethylbenzene
Concen: 1.765 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
WP-1

Tgt Ion:105 Resp: 40309

Ion	Ratio	Lower	Upper
105	100		
120	41.2	22.5	67.5