Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
Data File : VN076140.D
Acq On : 06 Jan 2023 17:48
Operator : JC\MD
Sample : 01061-10 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Quant Time: Jan 06 22:57:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	321378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	530860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	460641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	177087	50.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.300%			
35) Dibromofluoromethane	8.171	113	157135	47.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	10.571	98	606797	49.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.740%			
62) 4-Bromofluorobenzene	12.853	95	191396	47.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.020%			
Target Compounds						Qvalue
16) Acetone	4.453	43	8345	6.924	ug/l	98
30) Chloroform	7.971	83	3403	0.560	ug/l #	76
52) Toluene	10.635	92	4234	0.482	ug/l	95
67) Ethyl Benzene	11.970	91	9039	0.566	ug/l	96
68) m/p-Xylenes	12.065	106	13972	2.212	ug/l	95
69) o-Xylene	12.400	106	8301	1.328	ug/l	87
78) n-propylbenzene	13.035	91	7223	0.453	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	11298	0.935	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	42684	3.559	ug/l	97

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

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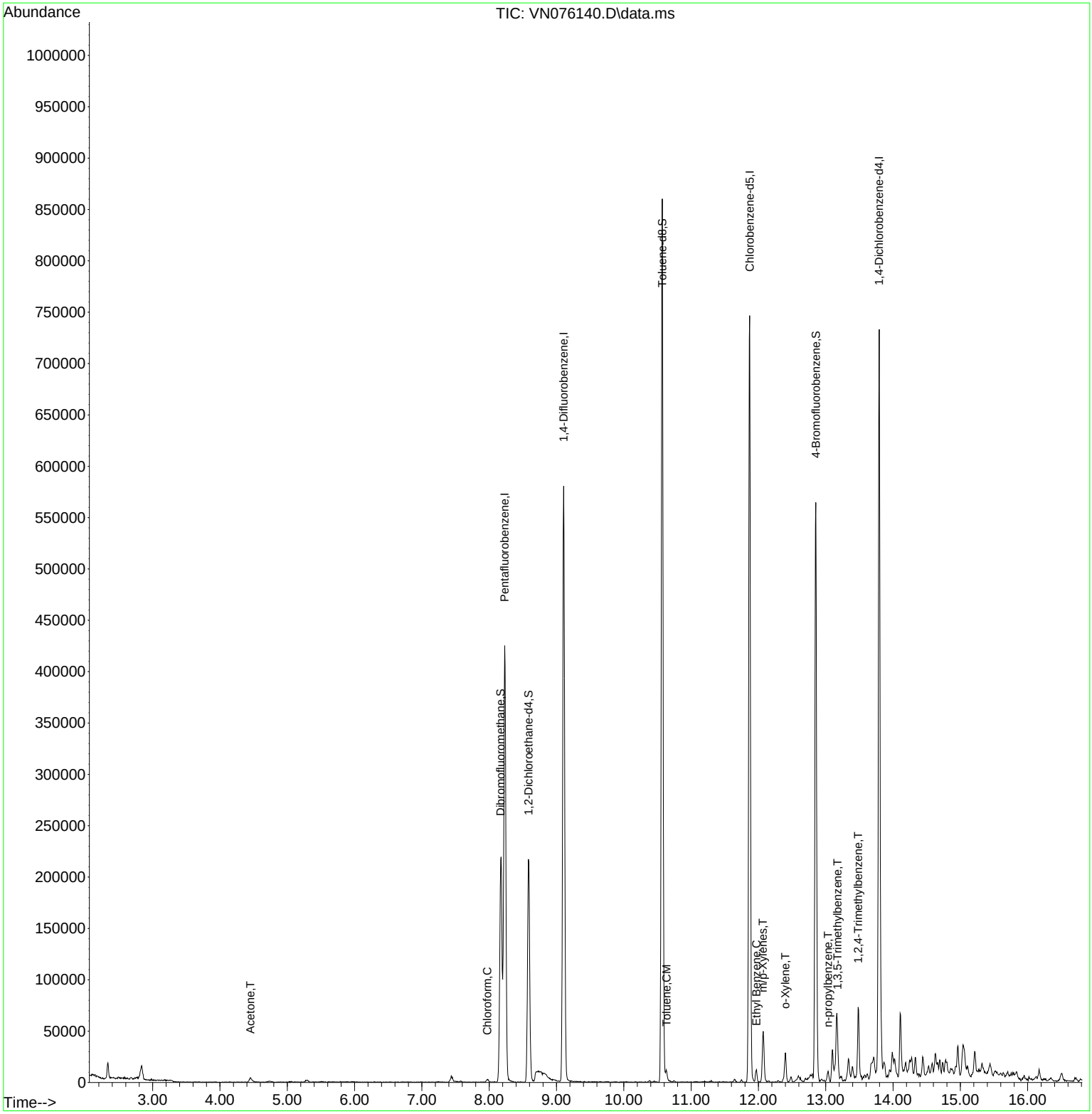
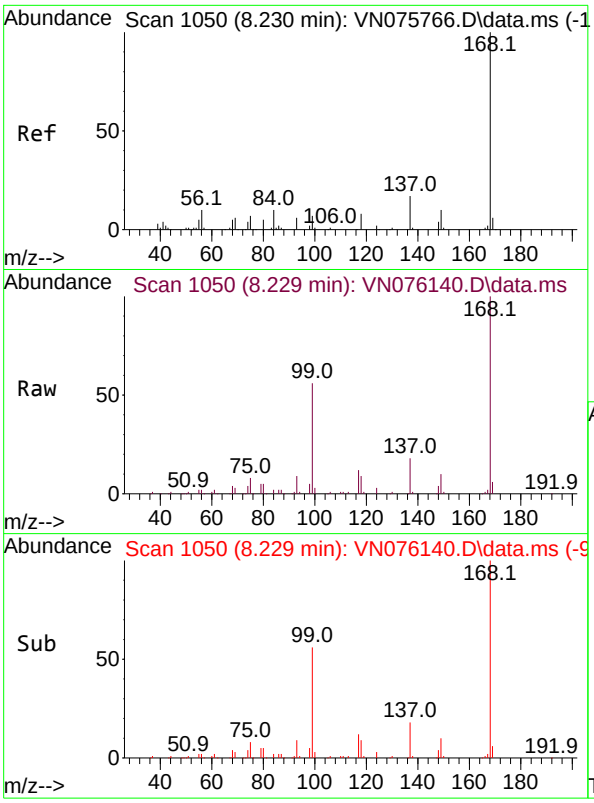


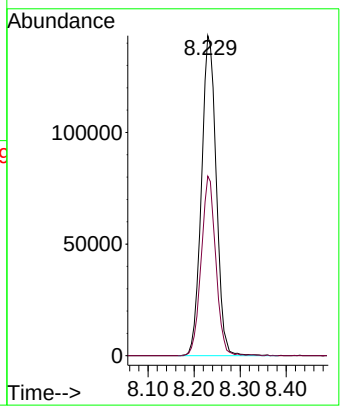


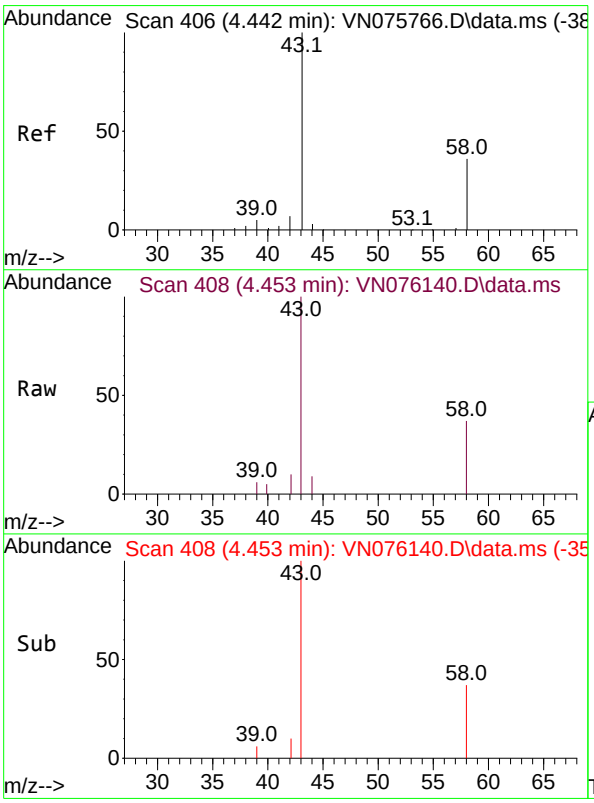
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion:168 Resp: 321378

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.2	66.4

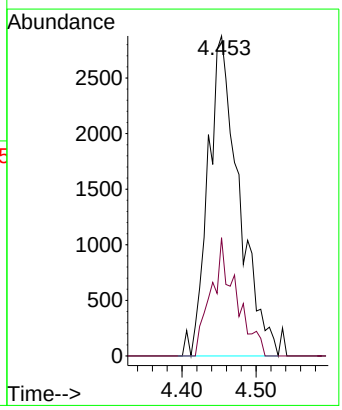


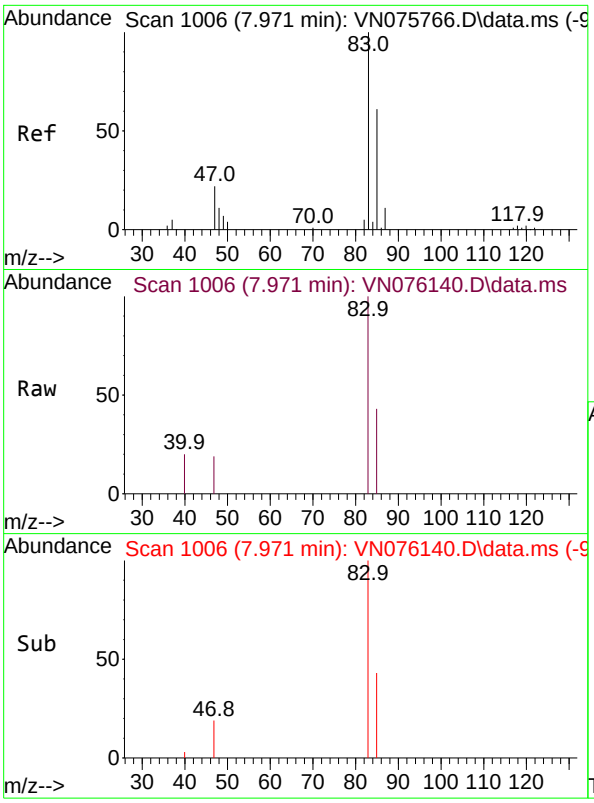


#16
Acetone
Concen: 6.924 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 43 Resp: 8345

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.6	43.0



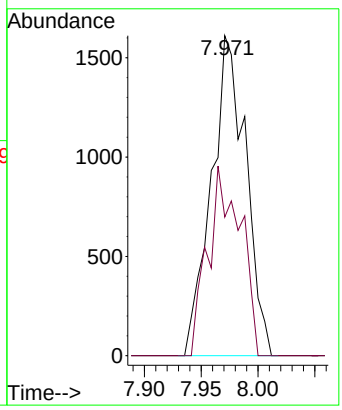


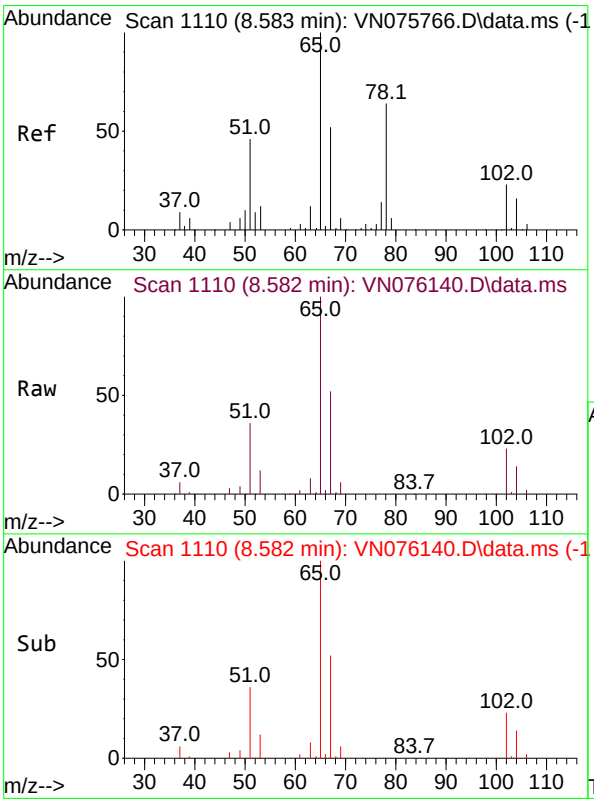
#30
Chloroform
Concen: 0.560 ug/l
RT: 7.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion: 83 Resp: 3403

Ion	Ratio	Lower	Upper
83	100		
85	43.3	49.1	73.7#

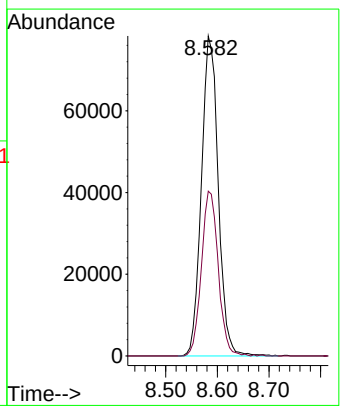


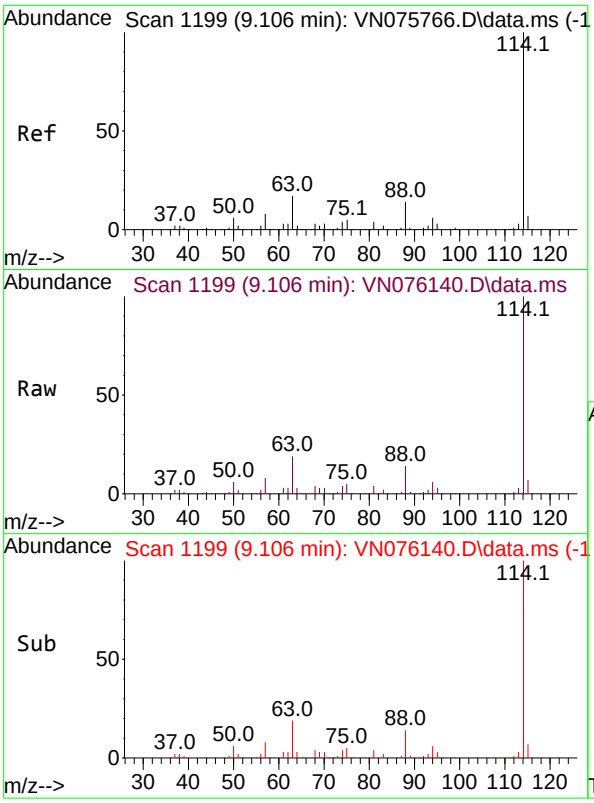


#33
1,2-Dichloroethane-d4
Concen: 50.650 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 65 Resp: 177087

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4



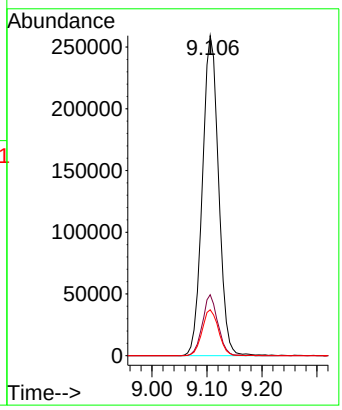


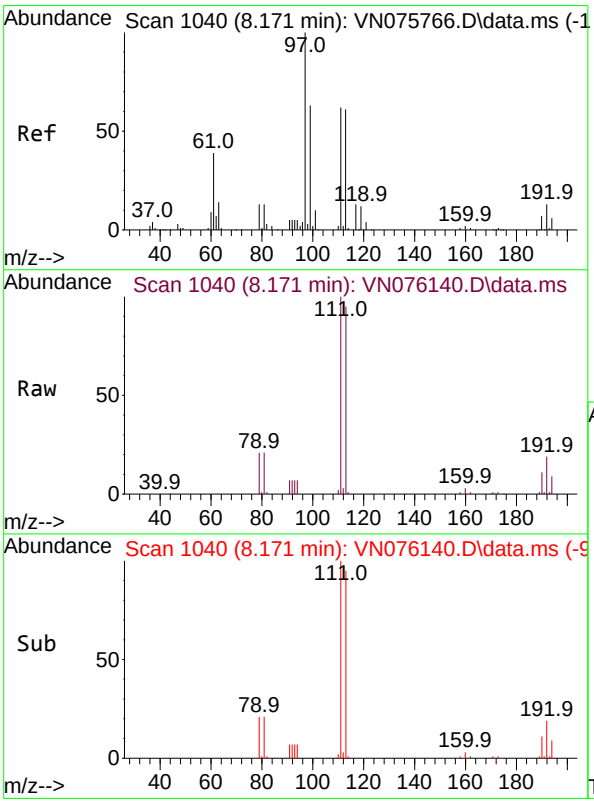
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion:114 Resp: 530860

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	34.4
88	14.4	0.0	28.8

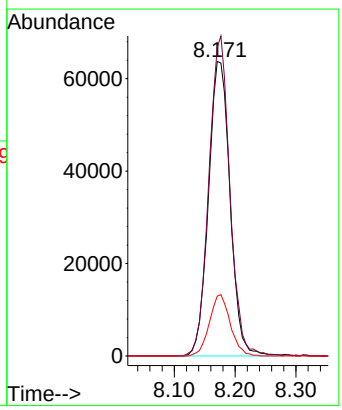


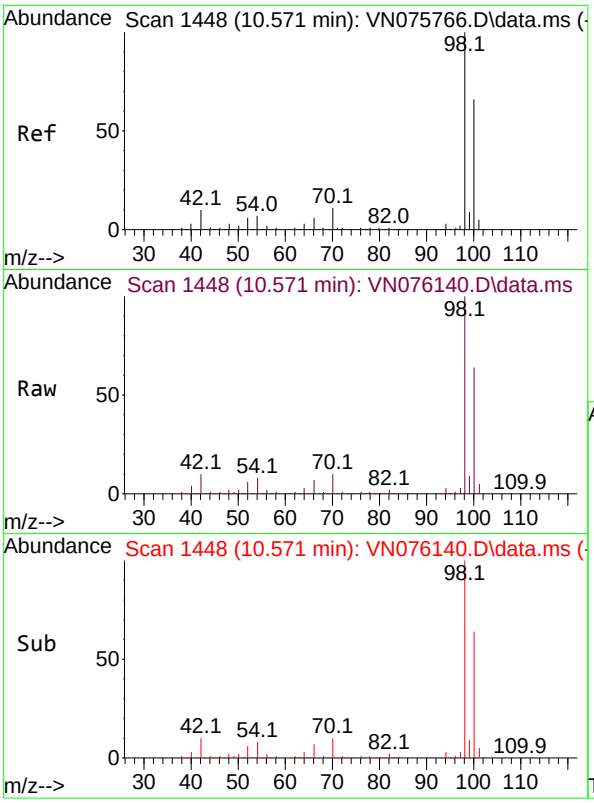


#35
Dibromofluoromethane
Concen: 47.797 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion:113 Resp: 157135

Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.4	125.2
192	20.1	16.1	24.1



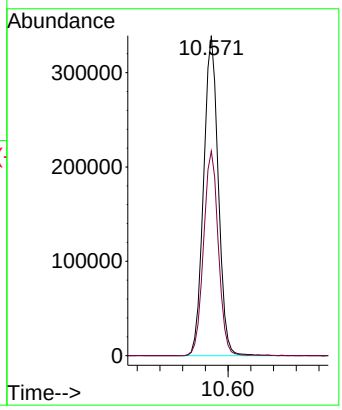


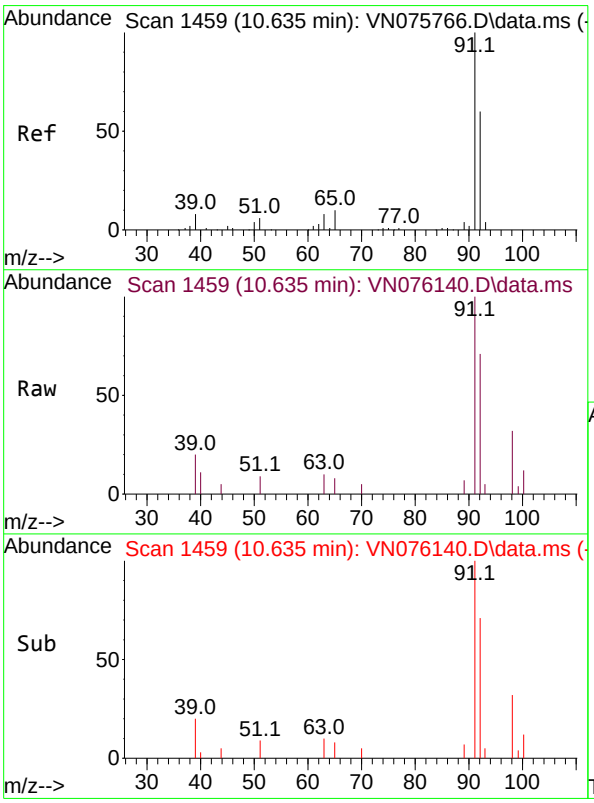
#50
Toluene-d8
Concen: 49.366 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion: 98 Resp: 606797

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

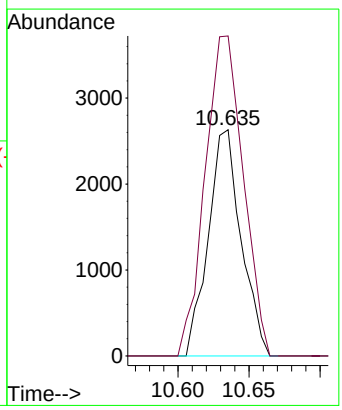


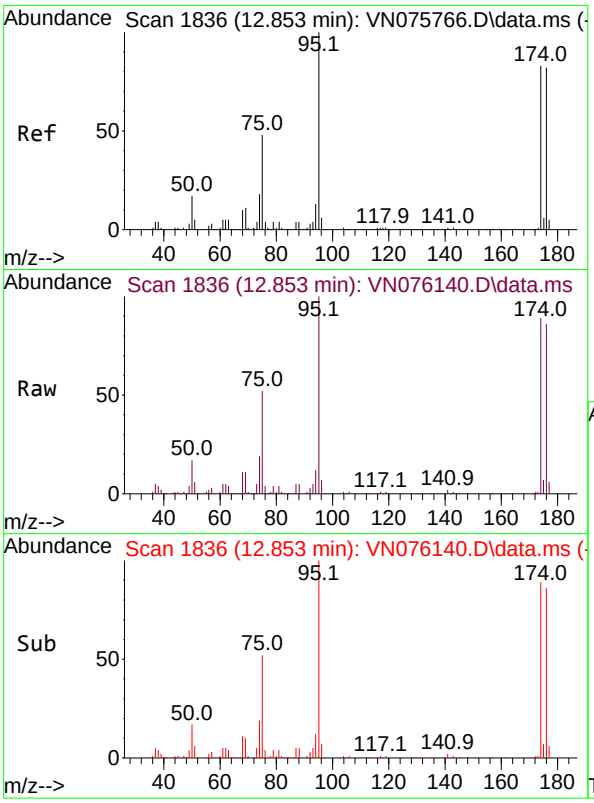


#52
Toluene
Concen: 0.482 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 92 Resp: 4234

Ion	Ratio	Lower	Upper
92	100		
91	164.3	137.3	205.9



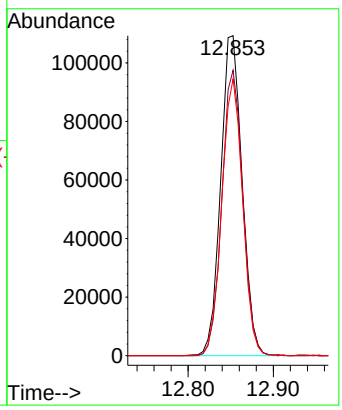


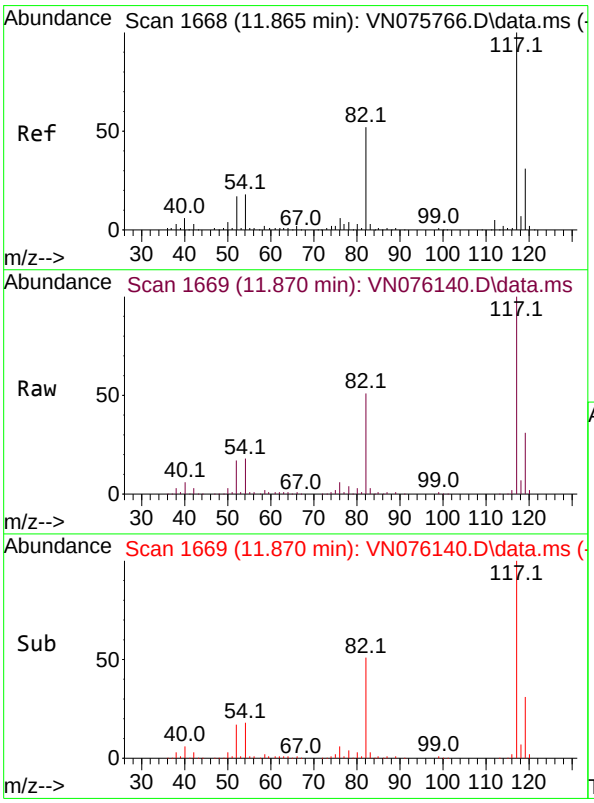
#62
4-Bromofluorobenzene
Concen: 47.013 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion: 95 Resp: 191396

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	171.6
176	84.0	0.0	169.2

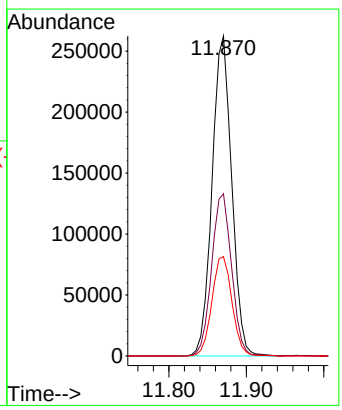


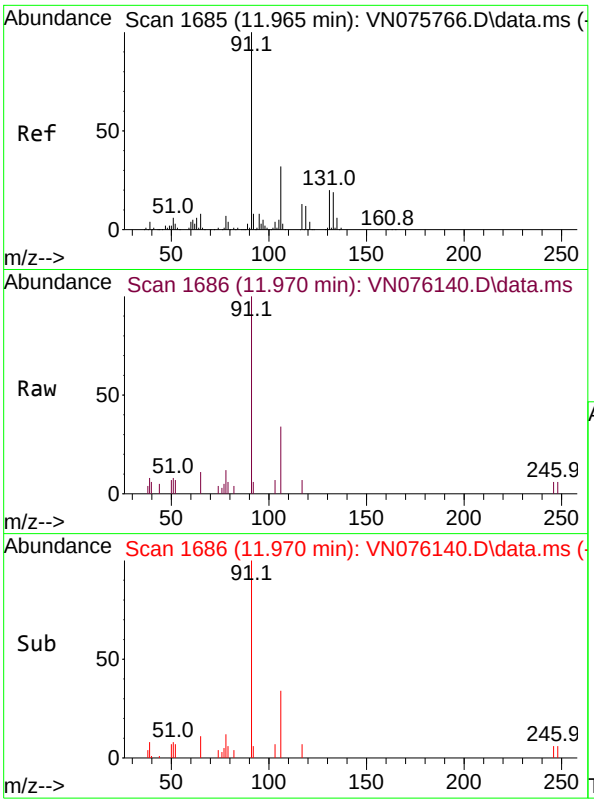


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion:117 Resp: 460641

Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.3	61.9
119	31.1	24.6	37.0



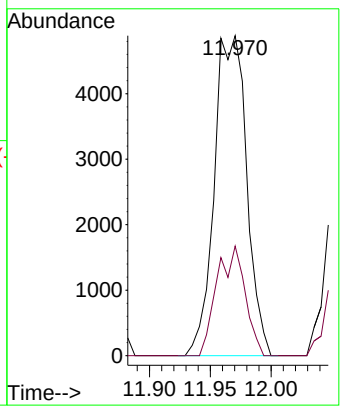


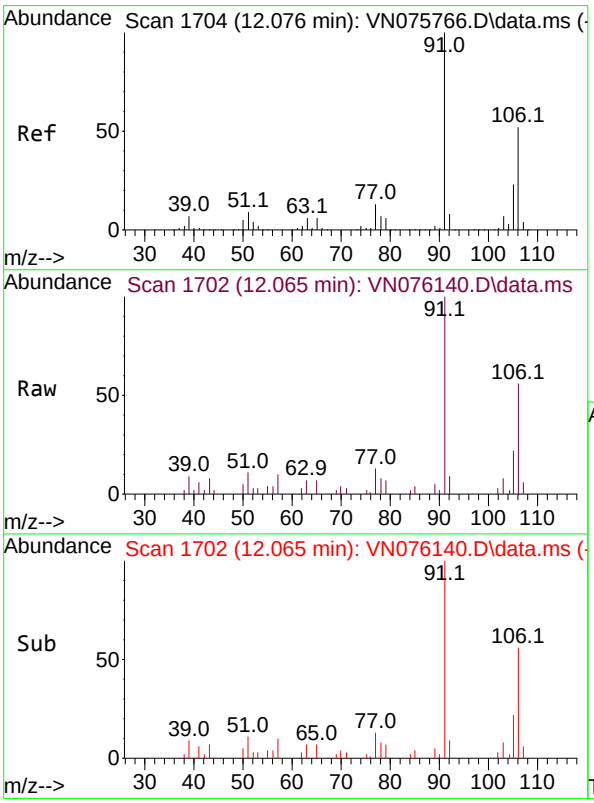
#67
Ethyl Benzene
Concen: 0.566 ug/l
RT: 11.970 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion: 91 Resp: 9039

Ion	Ratio	Lower	Upper
91	100		
106	34.3	25.7	38.5

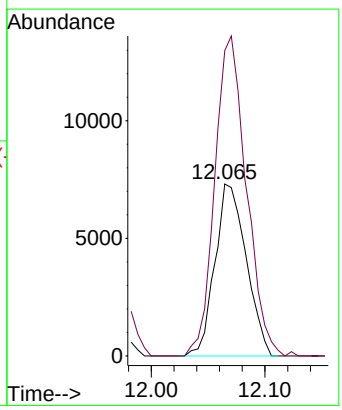


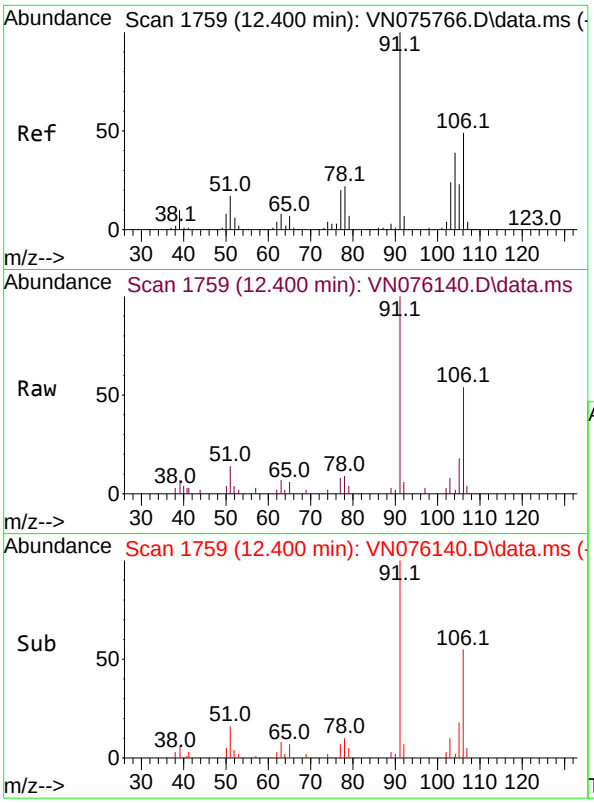


#68
m/p-Xylenes
Concen: 2.212 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.012 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion:106 Resp: 13972

Ion	Ratio	Lower	Upper
106	100		
91	187.9	156.6	235.0



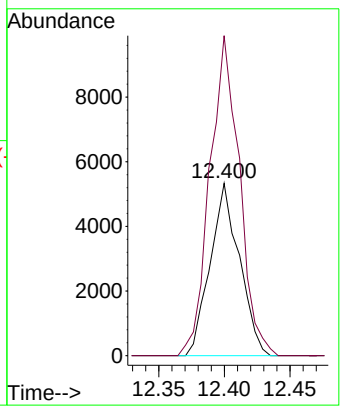


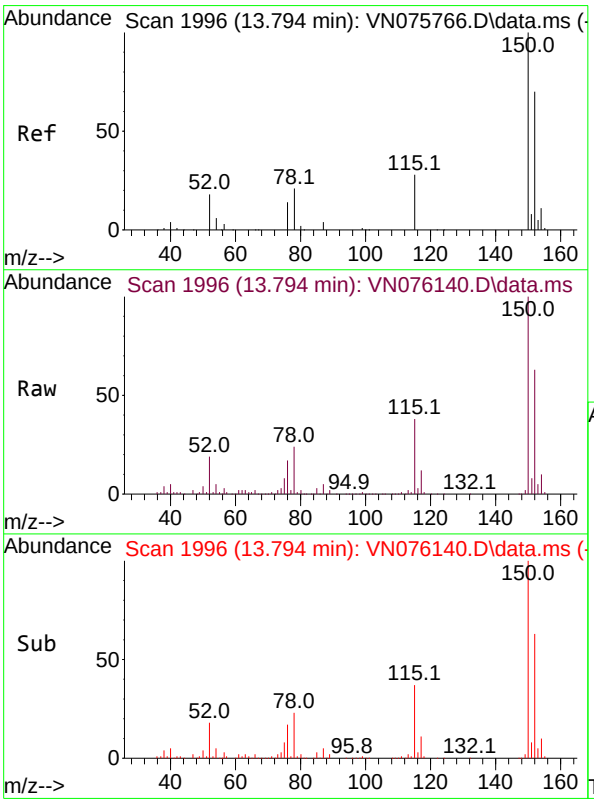
#69
o-Xylene
Concen: 1.328 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion:106 Resp: 8301

Ion	Ratio	Lower	Upper
106	100		
91	187.4	103.8	311.6

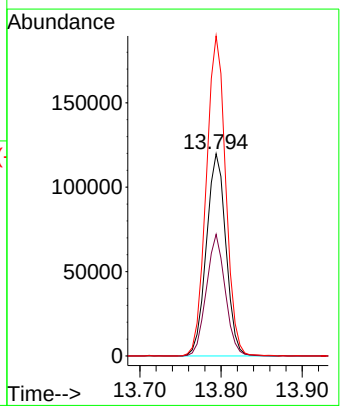


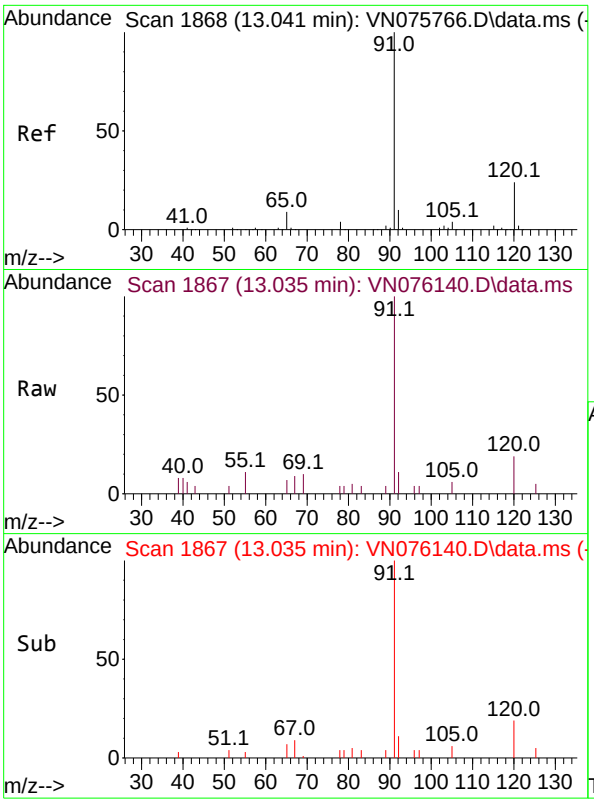


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion:152 Resp: 199861

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.1	87.4
150	157.1	0.0	347.0



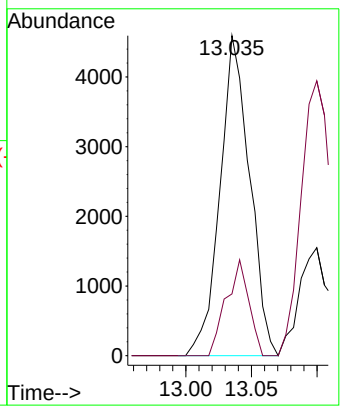


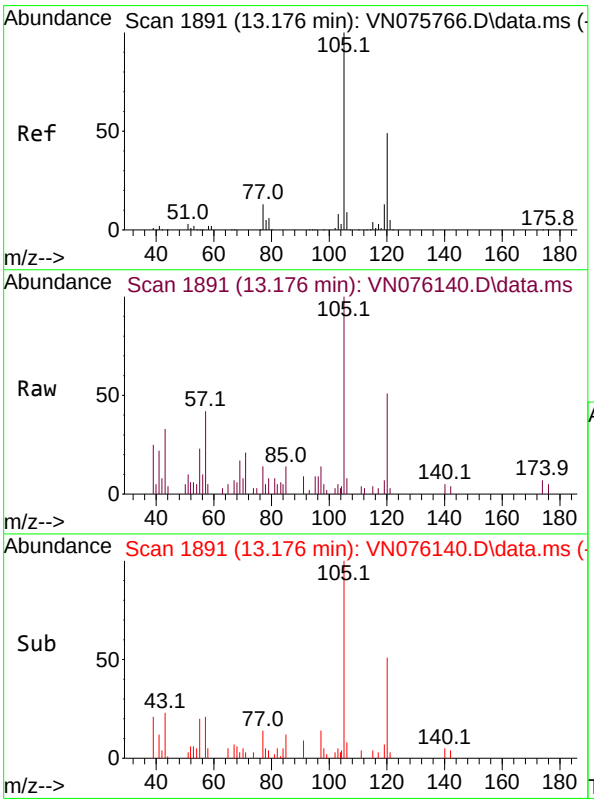
#78
n-propylbenzene
Concen: 0.453 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion: 91 Resp: 7223

Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.0	36.1

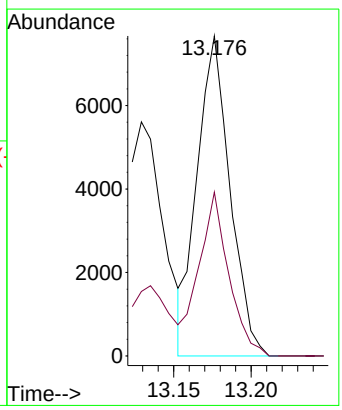


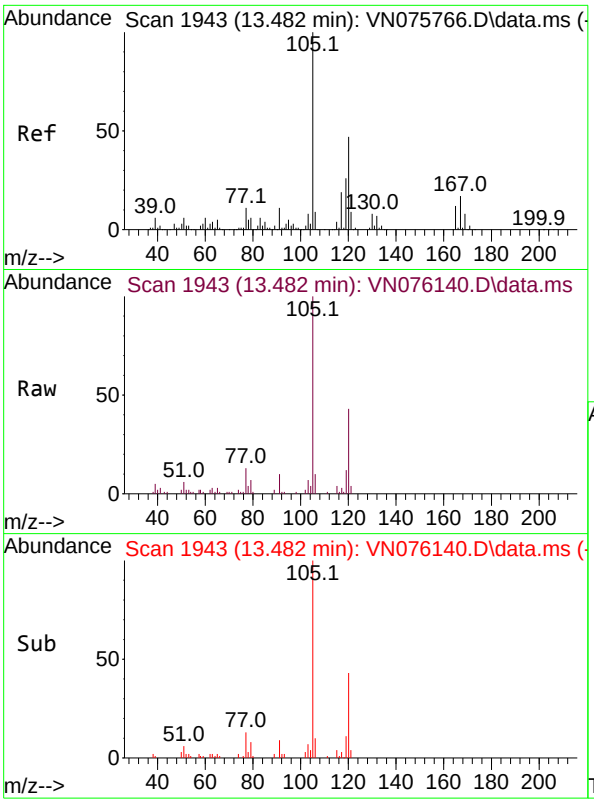


#80
1,3,5-Trimethylbenzene
Concen: 0.935 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Tgt Ion:105 Resp: 11298

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.7	74.1





#84
1,2,4-Trimethylbenzene
Concen: 3.559 ug/l
RT: 13.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076140.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
TOTE-2

Tgt Ion:105 Resp: 42684

Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.3	69.8