Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076013.D
Acq On : 28 Dec 2022 20:32
Operator : JC\MD
Sample : N6219-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Quant Time: Dec 29 04:58:08 2022
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	8.230	168	397838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	629071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	198015	45.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.500%		
35) Dibromofluoromethane	8.171	113	181312	46.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	10.571	98	725150	49.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.853	95	233794	48.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						Qvalue
16) Acetone	4.442	43	46714	31.310	ug/l	99
20) Methylene Chloride	5.289	84	15135	3.193	ug/l	91
25) 2-Butanone	7.500	43	7056	3.378	ug/l	100
37) Ethyl Acetate	7.571	43	33342	8.021	ug/l	98
43) Isopropyl Acetate	8.694	43	285263	41.601	ug/l #	75
68) m/p-Xylenes	12.070	106	11409	1.488	ug/l	92
69) o-Xylene	12.400	106	7598	1.002	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	36507	2.516	ug/l	98
95) Naphthalene	15.641	128	30642	4.404	ug/l	99

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

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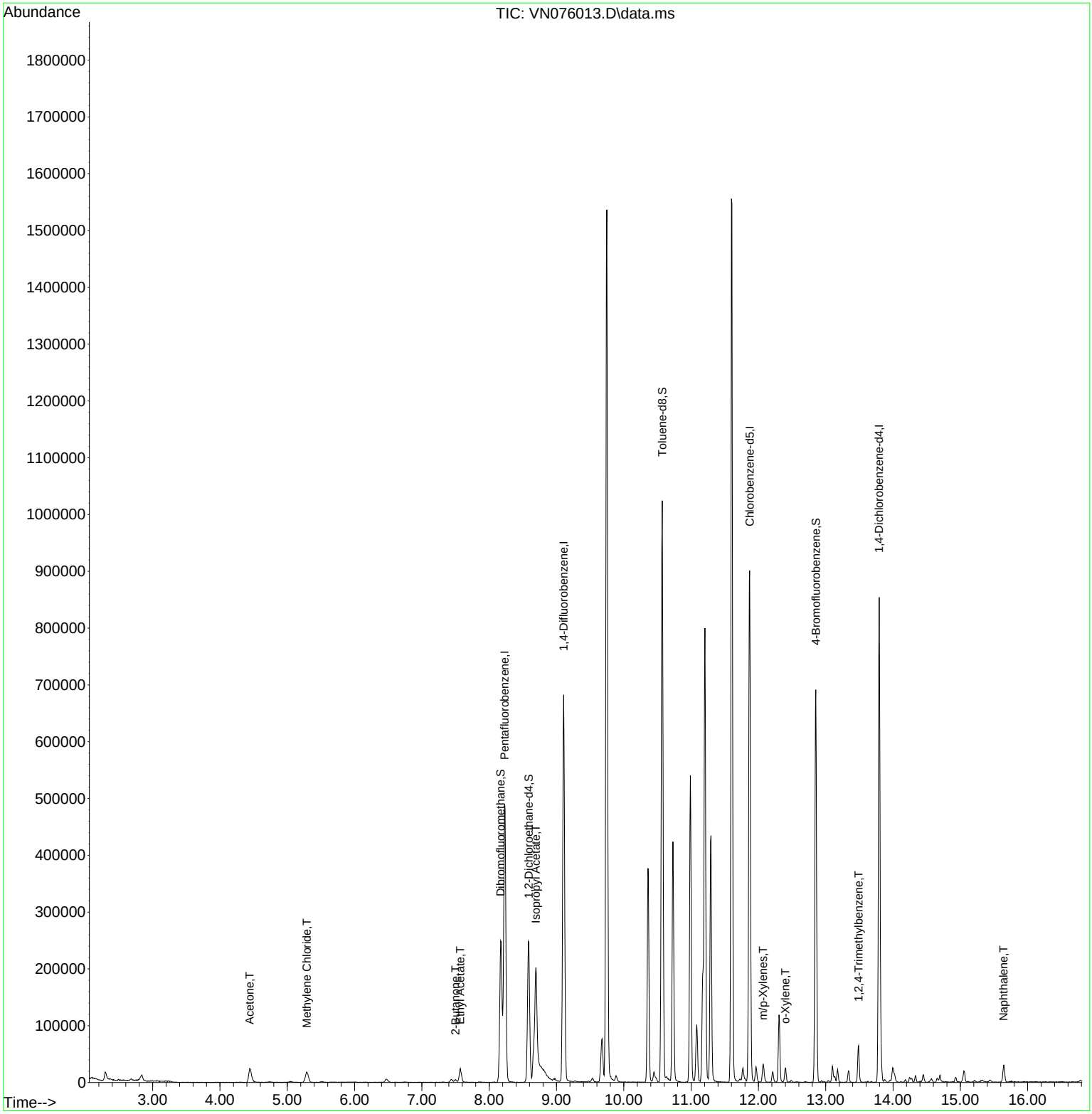
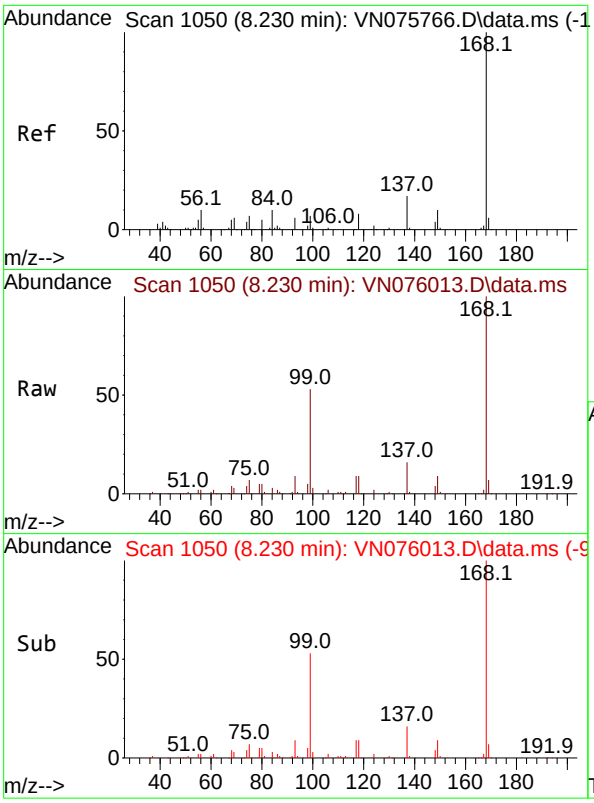


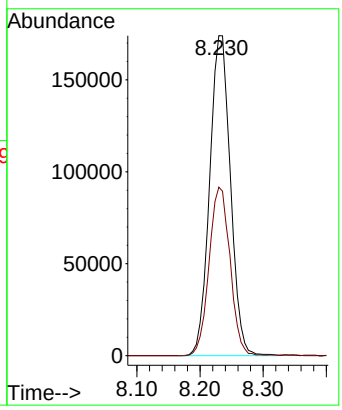


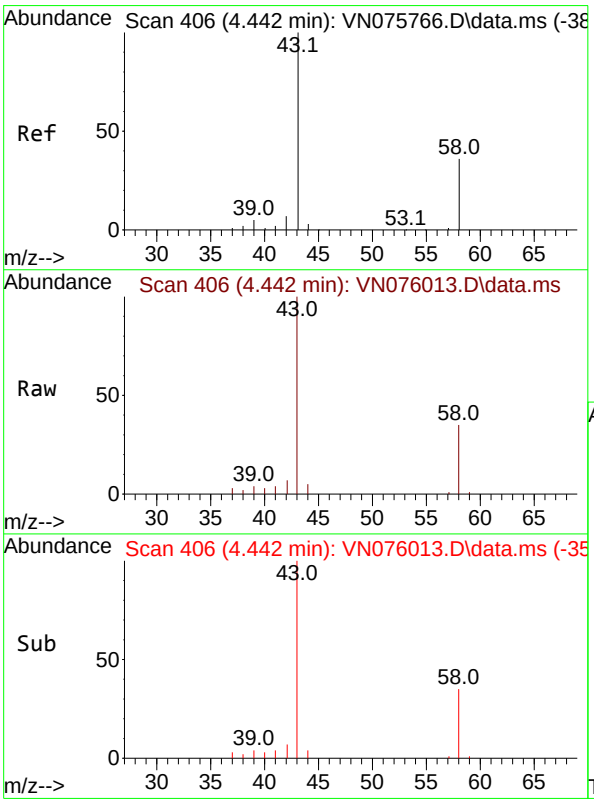
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion:168 Resp: 397838

Ion	Ratio	Lower	Upper
168	100		
99	52.6	44.2	66.4

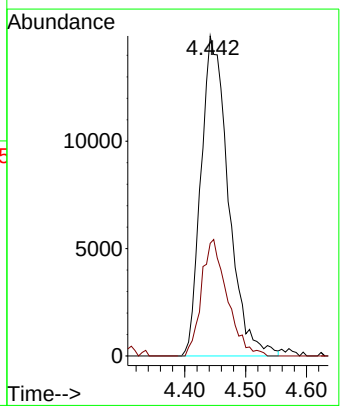


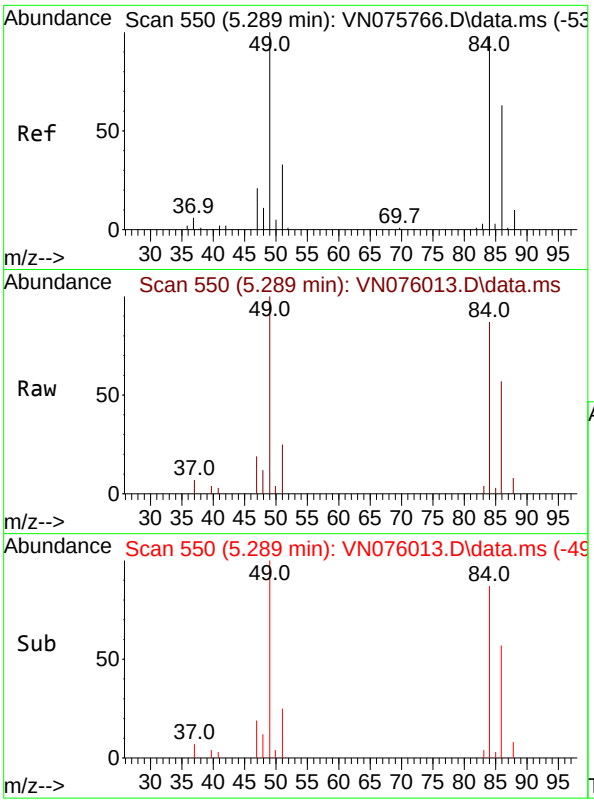


#16
Acetone
Concen: 31.310 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion: 43 Resp: 46714

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.6	43.0



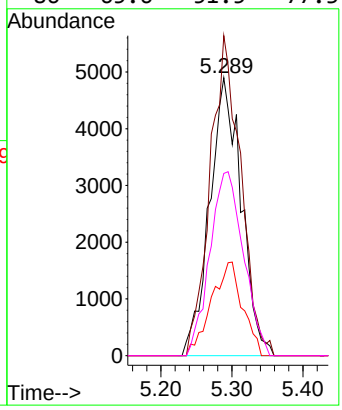


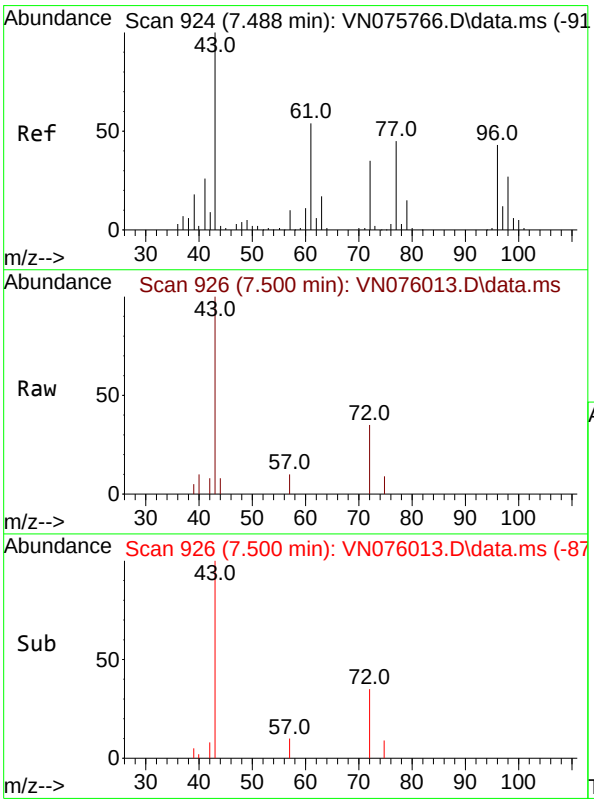
#20
Methylene Chloride
Concen: 3.193 ug/l
RT: 5.289 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion: 84 Resp: 15135

Ion	Ratio	Lower	Upper
84	100		
49	115.1	81.8	122.6
51	28.2	26.7	40.1
86	65.6	51.5	77.3

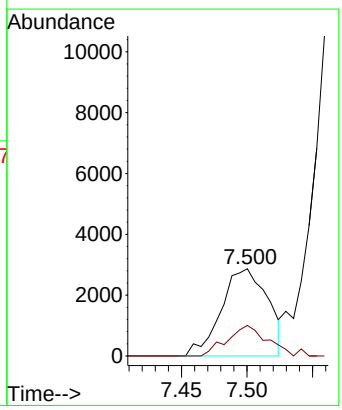


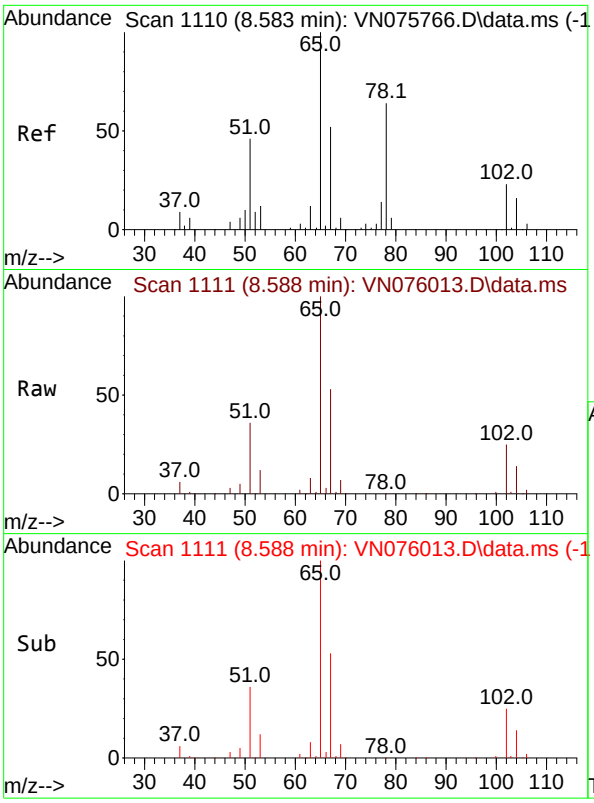


#25
2-Butanone
Concen: 3.378 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion: 43 Resp: 7056

Ion	Ratio	Lower	Upper
43	100		
72	35.0	28.0	42.0



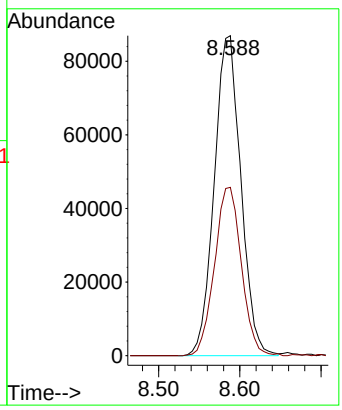


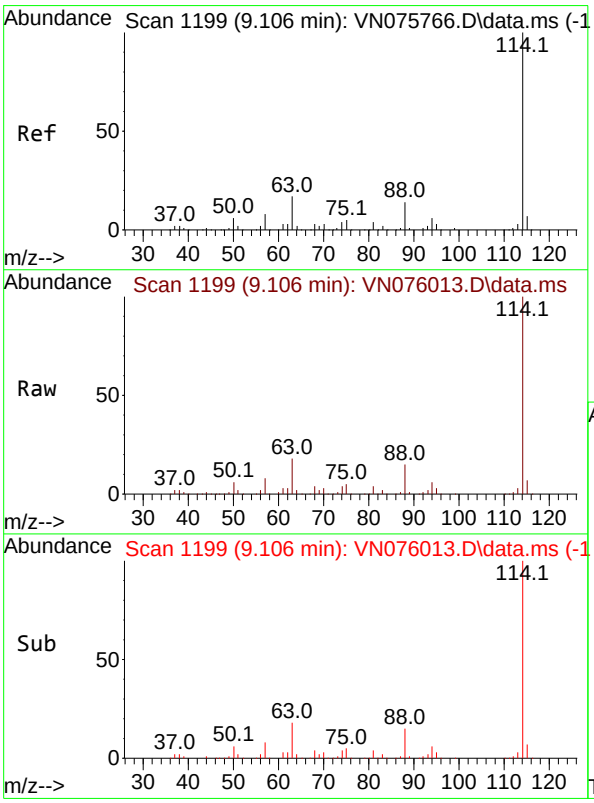
#33
1,2-Dichloroethane-d4
Concen: 45.751 ug/l
RT: 8.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion: 65 Resp: 198015

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.4

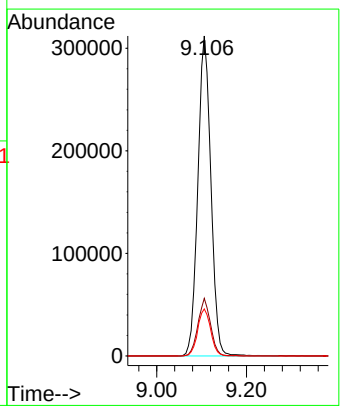


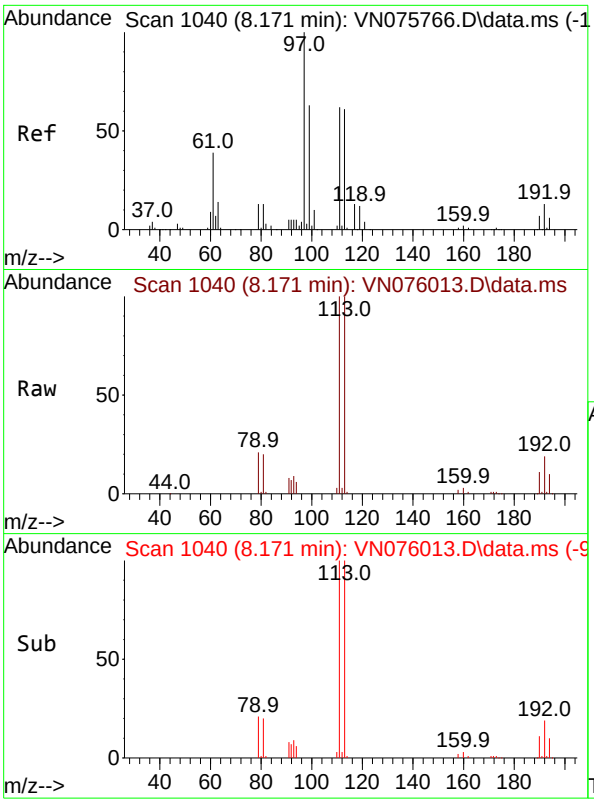


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion:114 Resp: 629071

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.4
88	14.7	0.0	28.8



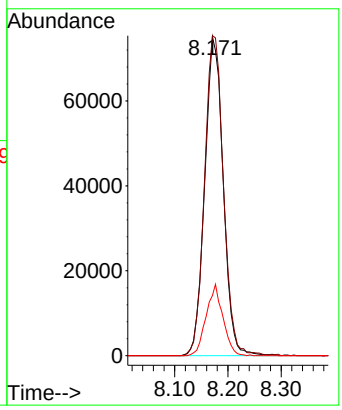


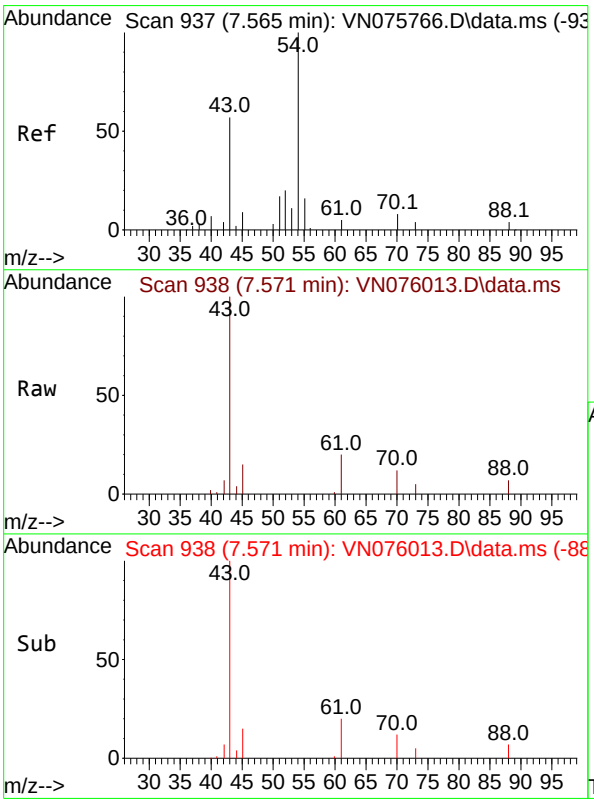
#35
Dibromofluoromethane
Concen: 46.541 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion:113 Resp: 181312

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	20.2	16.1	24.1

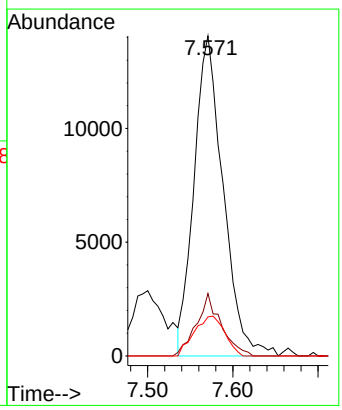


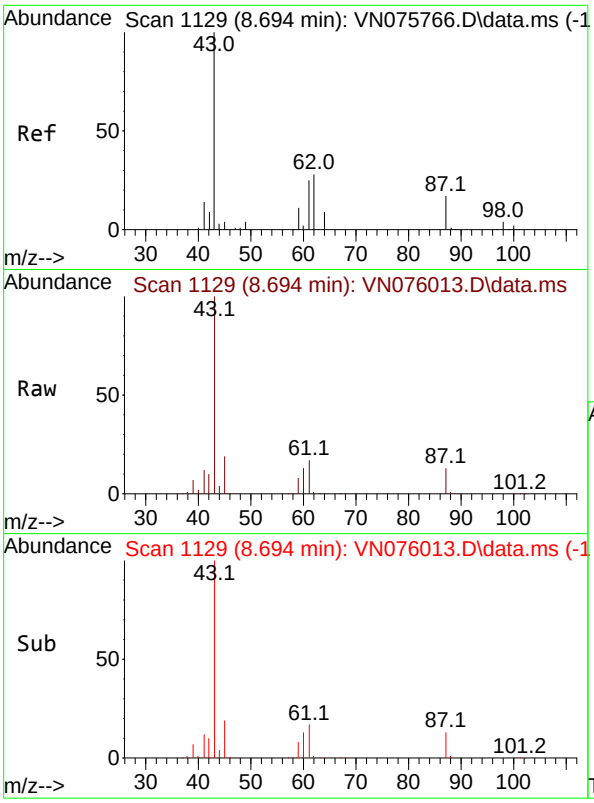


#37
Ethyl Acetate
Concen: 8.021 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion: 43 Resp: 33342

Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.0	19.4
70	13.0	9.4	14.0



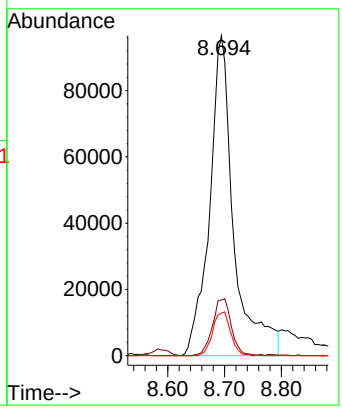


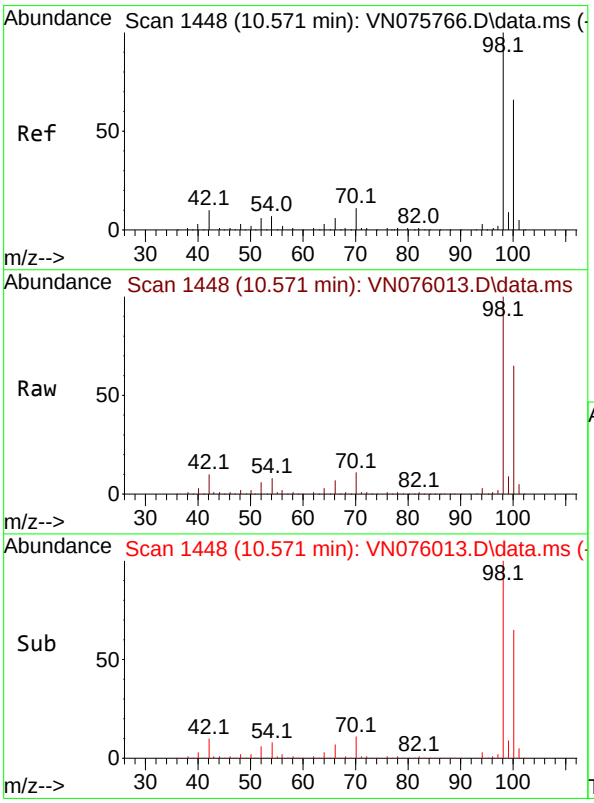
#43
Isopropyl Acetate
Concen: 41.601 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion: 43 Resp: 285263

Ion	Ratio	Lower	Upper
43	100		
61	13.9	24.2	36.4#
87	10.1	13.3	19.9#

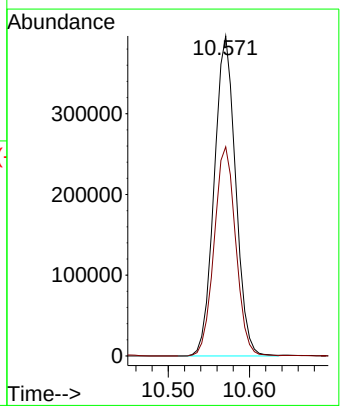


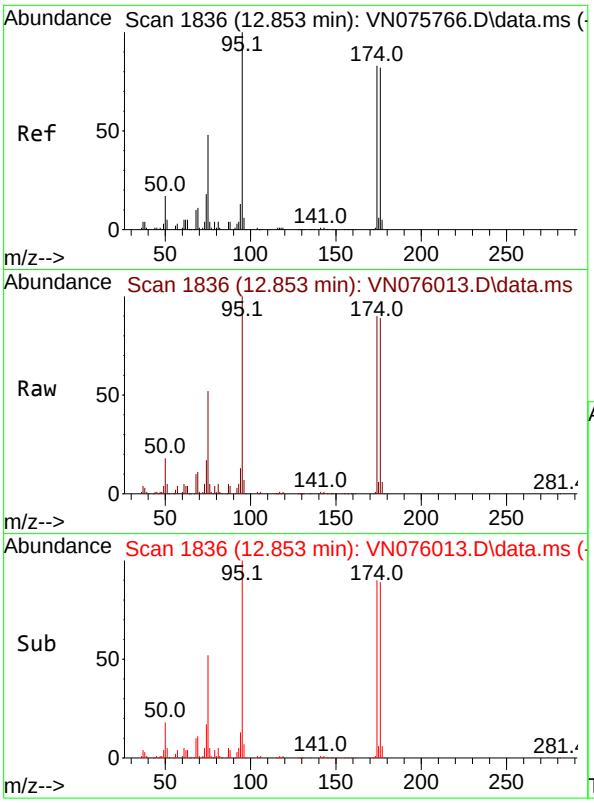


#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion: 98 Resp: 725150

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1



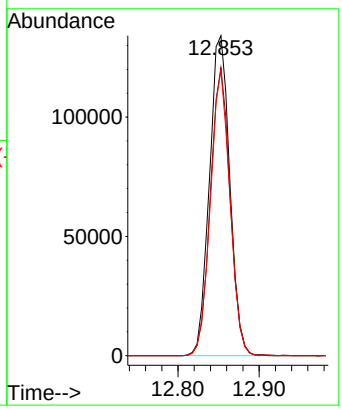


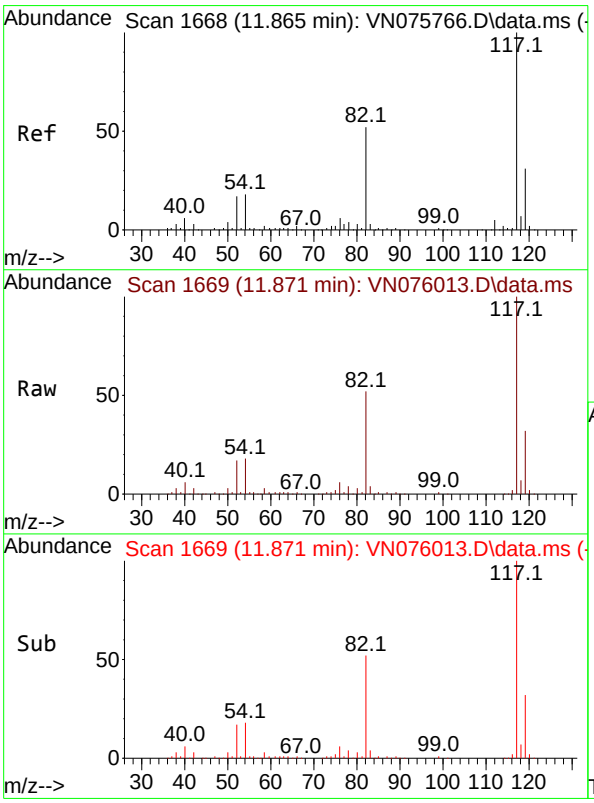
#62
4-Bromofluorobenzene
Concen: 48.461 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion: 95 Resp: 233794

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	171.6
176	85.1	0.0	169.2

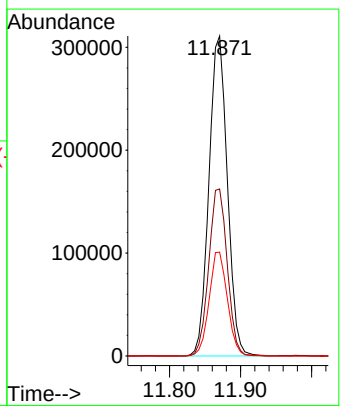


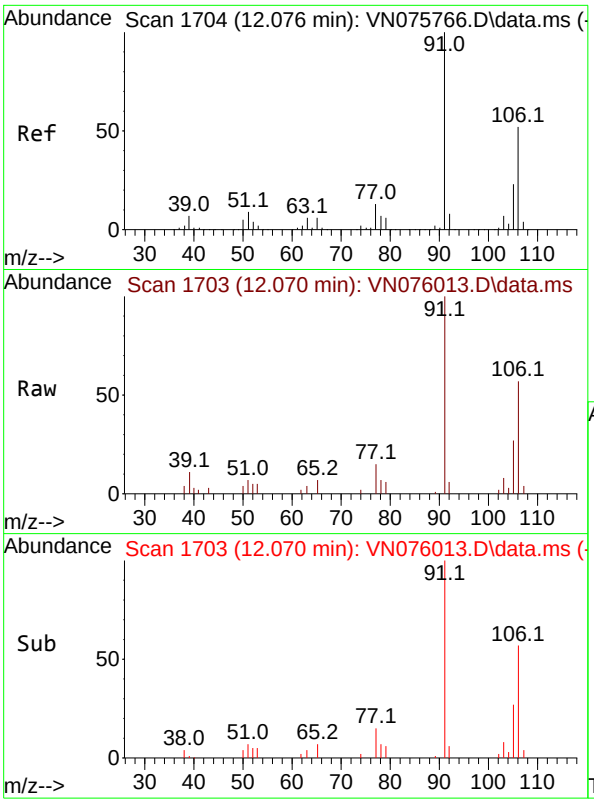


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion:117 Resp: 559100

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.3	61.9
119	32.4	24.6	37.0



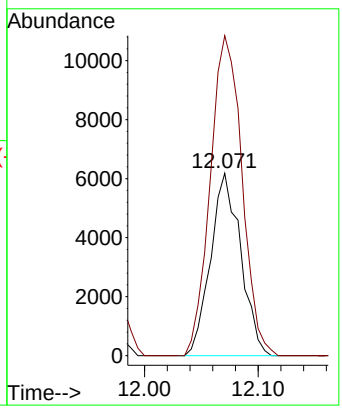


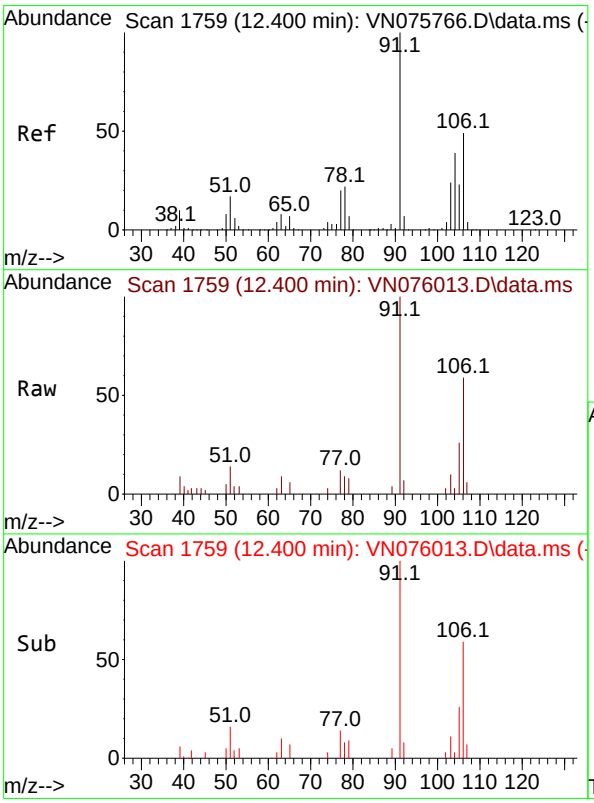
#68
m/p-Xylenes
Concen: 1.488 ug/l
RT: 12.070 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion:106 Resp: 11409

Ion	Ratio	Lower	Upper
106	100		
91	184.6	156.6	235.0

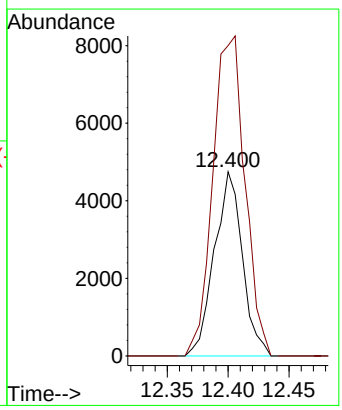


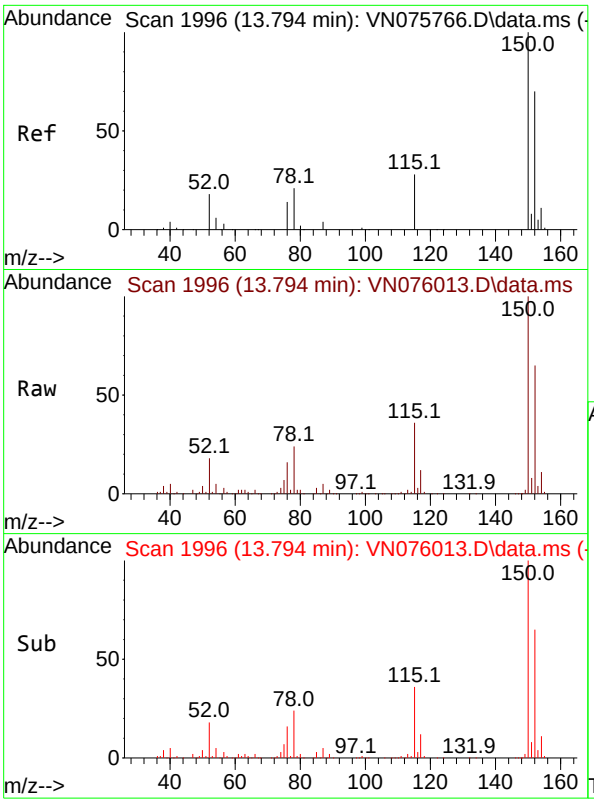


#69
o-Xylene
Concen: 1.002 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion:106 Resp: 7598

Ion	Ratio	Lower	Upper
106	100		
91	199.5	103.8	311.6



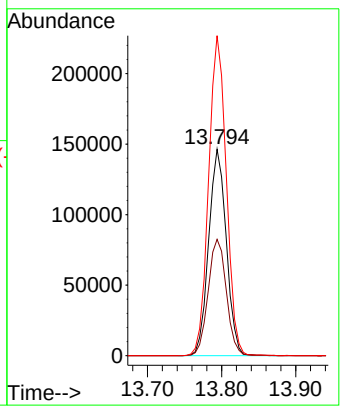


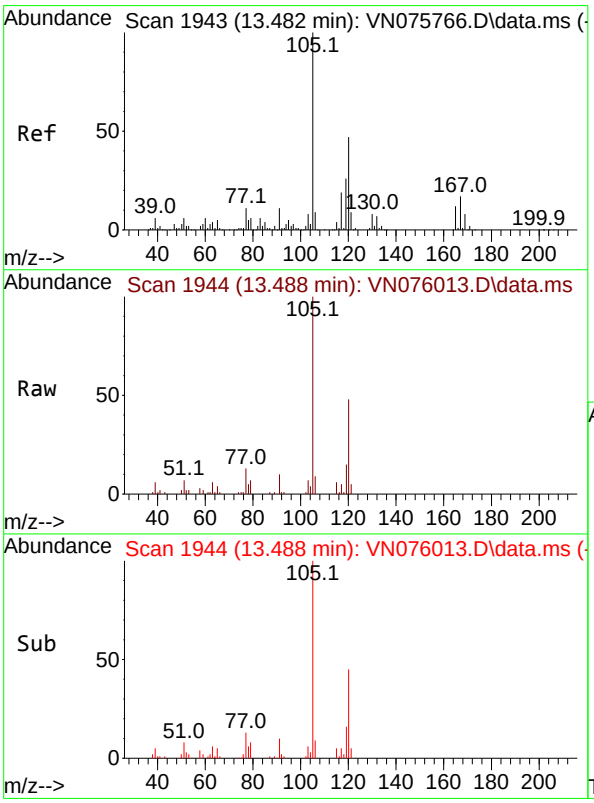
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion:152 Resp: 241850

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.1	87.4
150	155.3	0.0	347.0

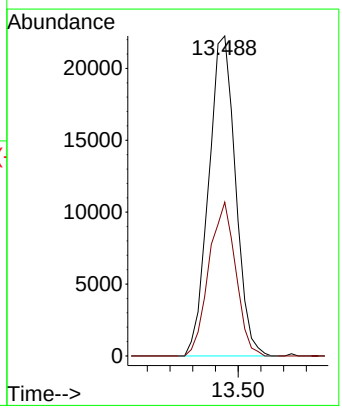


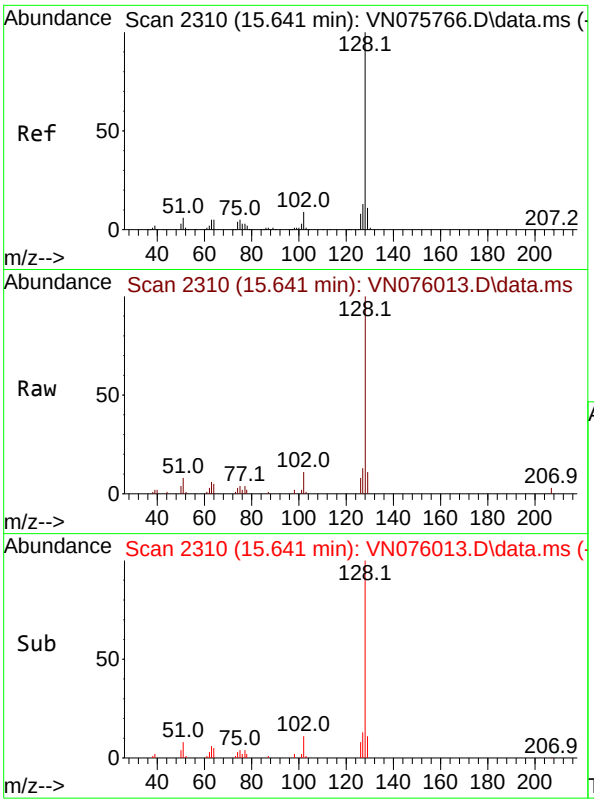


#84
1,2,4-Trimethylbenzene
Concen: 2.516 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Tgt Ion:105 Resp: 36507

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.3	69.8





#95
Naphthalene
Concen: 4.404 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN076013.D
Acq: 28 Dec 2022 20:32

Instrument :
MSVOA_N
ClientSampleId :
72-12016

Tgt Ion:128 Resp: 30642

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.3	8.7	13.1