Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
Data File : VN075871.D
Acq On : 19 Dec 2022 15:10
Operator : JC\MD
Sample : N6096-07DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Quant Time: Dec 20 01:29:56 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	375198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	499376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191343	46.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.760%		
35) Dibromofluoromethane	8.177	113	169096	47.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.860%		
50) Toluene-d8	10.571	98	664794	49.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.853	95	216516	49.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.080%		
Target Compounds						Qvalue
16) Acetone	4.442	43	81833	58.158	ug/l	97
40) Benzene	8.612	78	4432	0.303	ug/l	99
52) Toluene	10.635	92	111247	11.689	ug/l	99
67) Ethyl Benzene	11.965	91	5540	0.320	ug/l	97
68) m/p-Xylenes	12.076	106	4473	0.653	ug/l	82
69) o-Xylene	12.406	106	10791	1.593	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	7698	0.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	6139	0.460	ug/l	95
95) Naphthalene	15.641	128	16662	3.495	ug/l #	90

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

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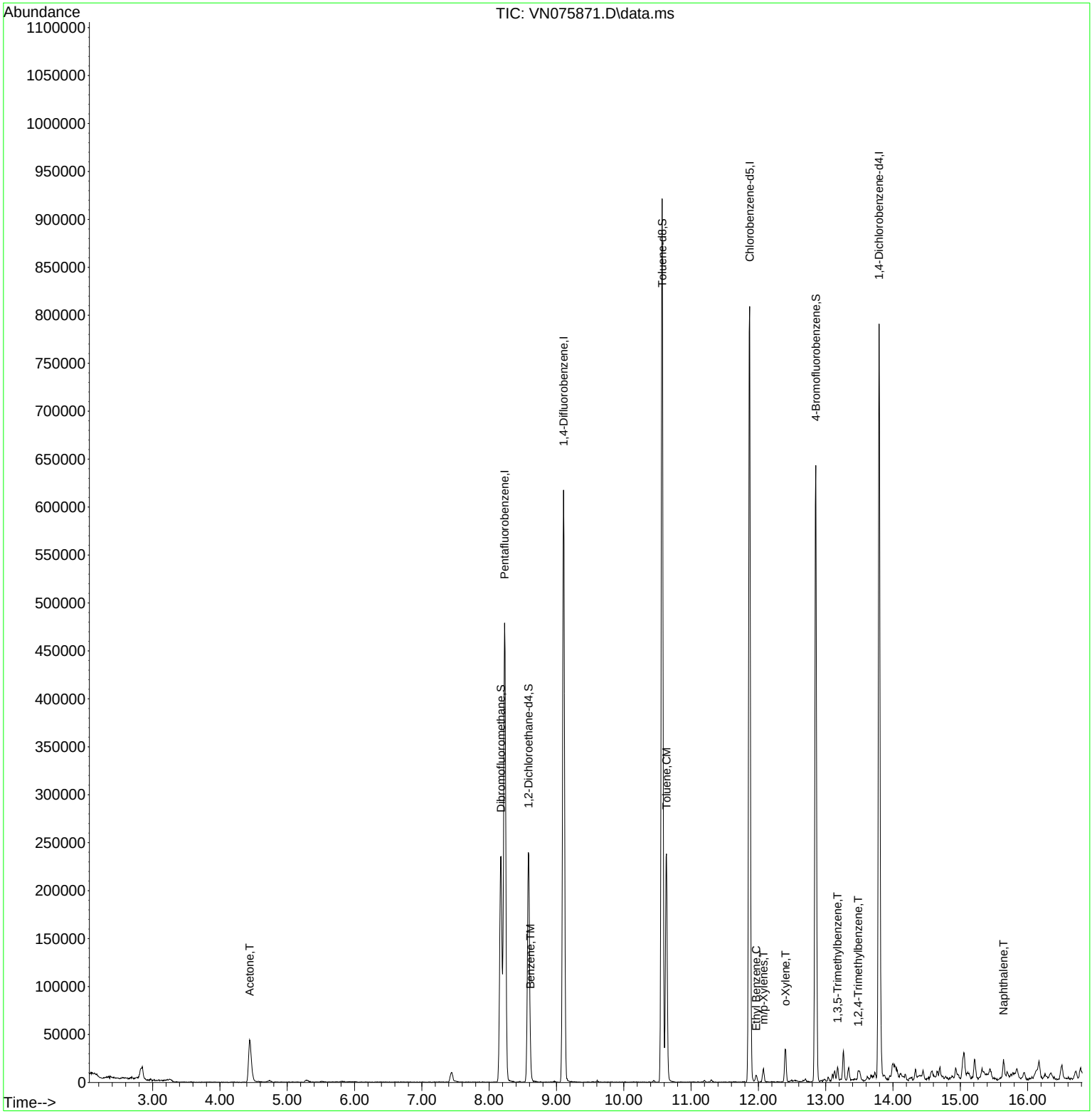
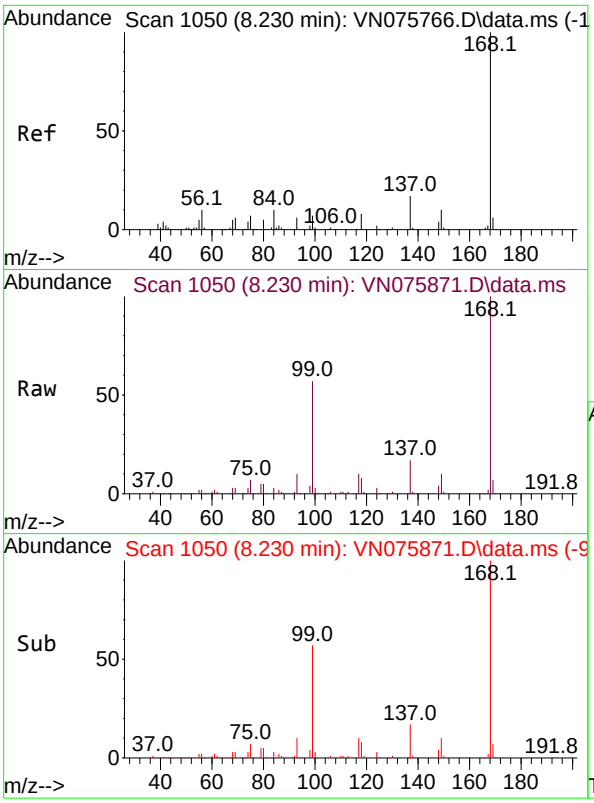


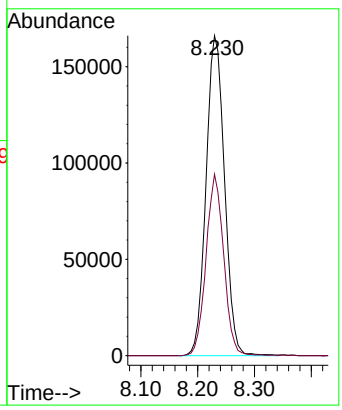


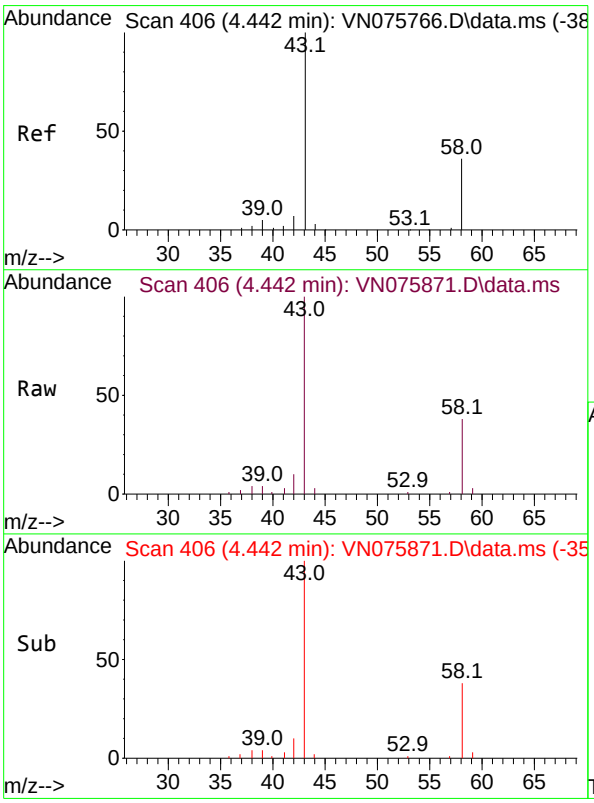
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion:168 Resp: 375198

Ion	Ratio	Lower	Upper
168	100		
99	56.7	44.2	66.4

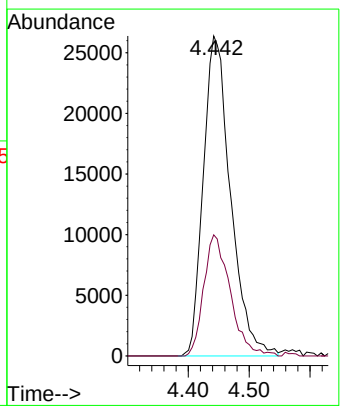


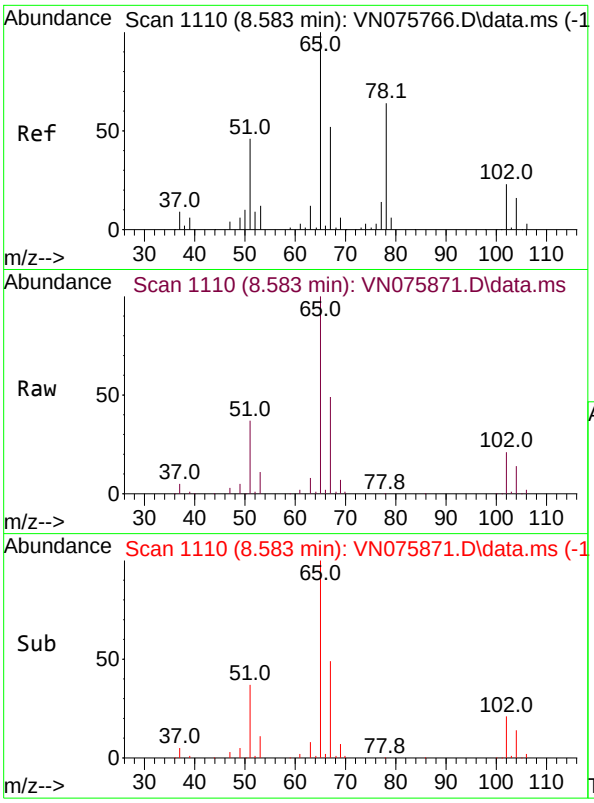


#16
Acetone
Concen: 58.158 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion: 43 Resp: 81833

Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.6	43.0



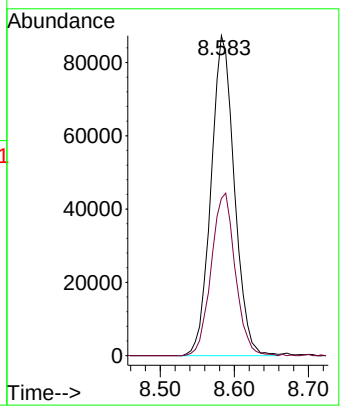


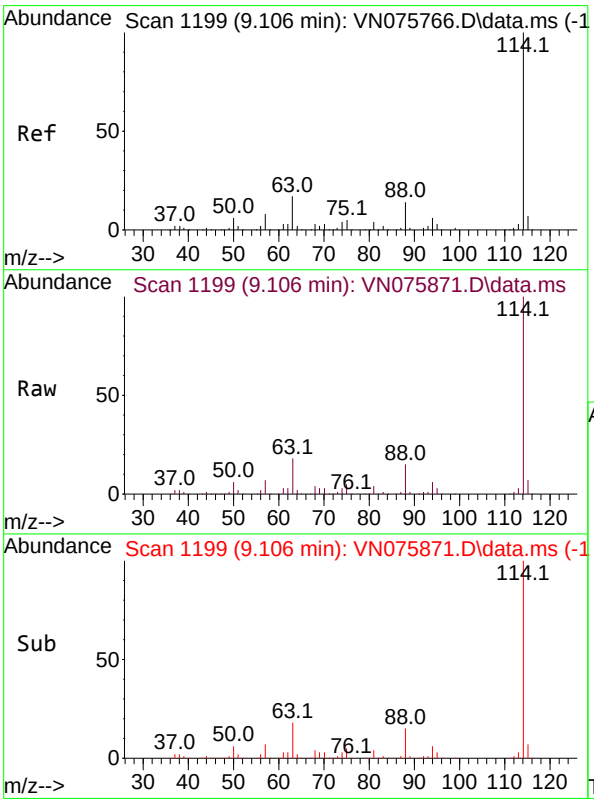
#33
1,2-Dichloroethane-d4
Concen: 46.877 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion: 65 Resp: 191343

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.4

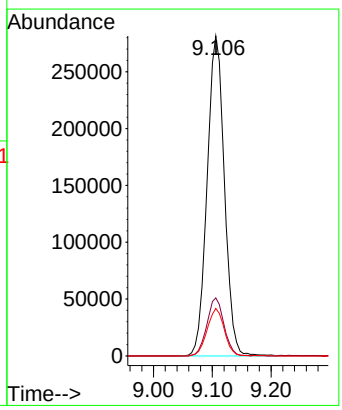


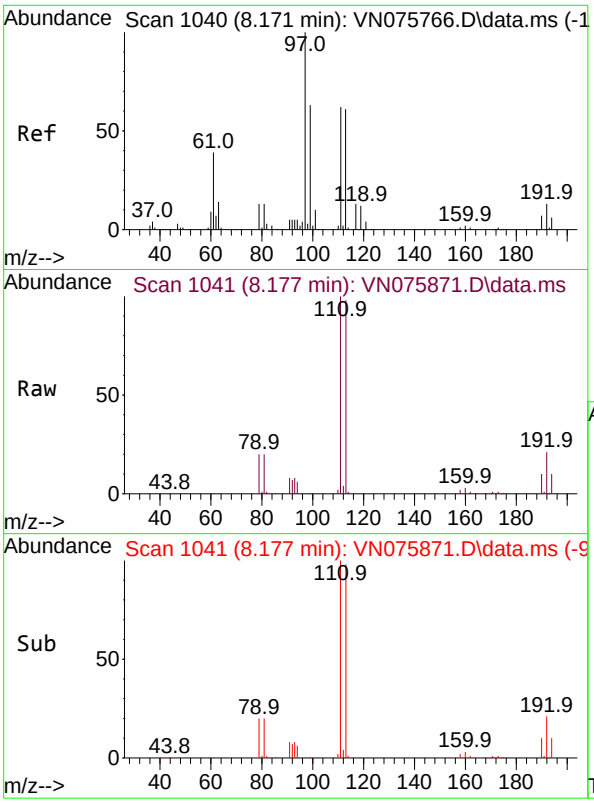


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion:114 Resp: 575749

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.4
88	14.8	0.0	28.8



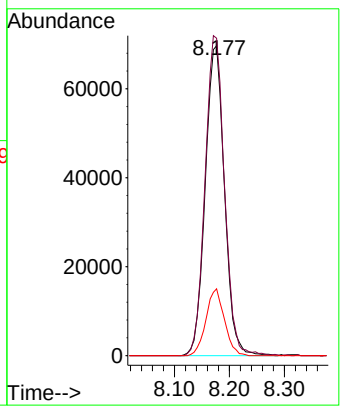


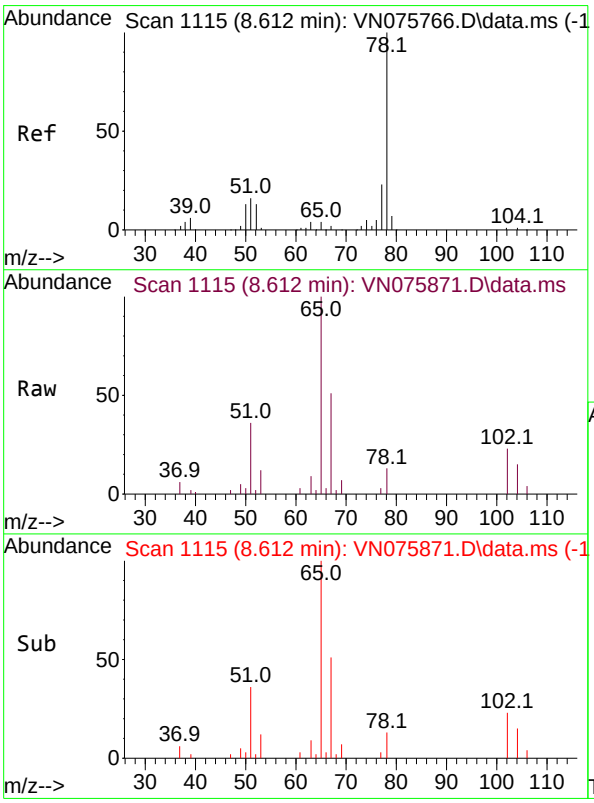
#35
Dibromofluoromethane
Concen: 47.425 ug/l
RT: 8.177 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion:113 Resp: 169096

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.2
192	20.7	16.1	24.1

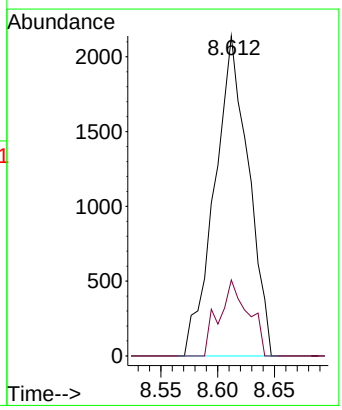


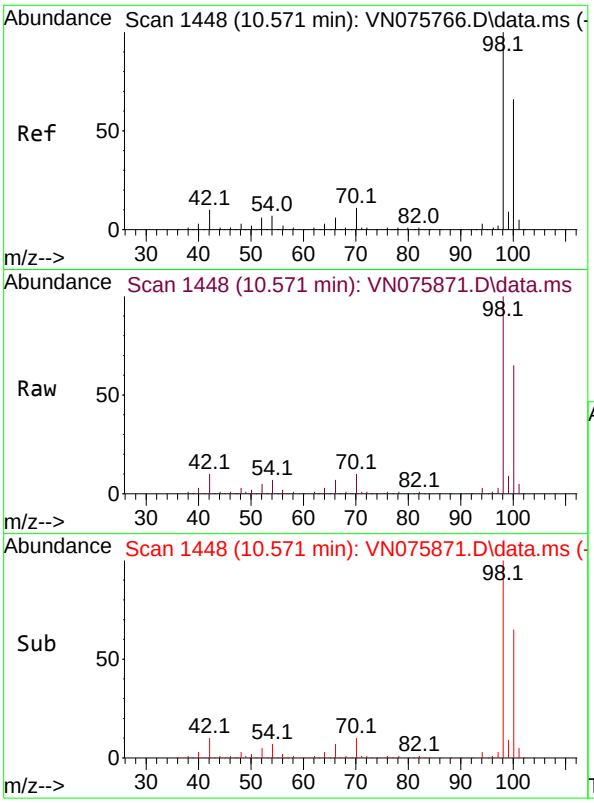


#40
Benzene
Concen: 0.303 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion: 78 Resp: 4432

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.5	27.7



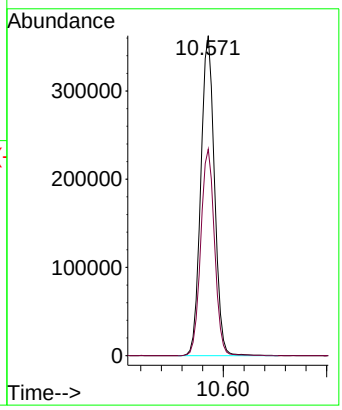


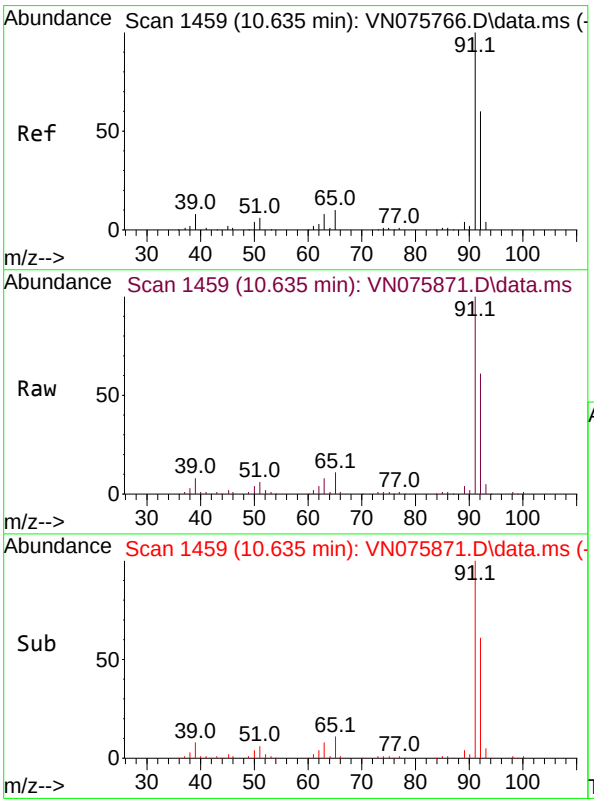
#50
Toluene-d8
Concen: 49.868 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion: 98 Resp: 664794

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1

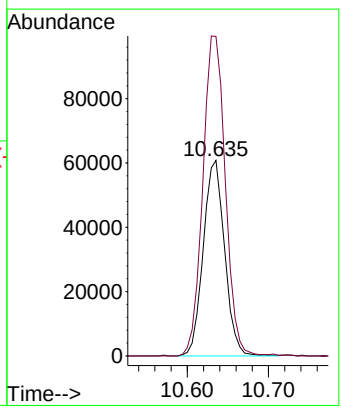


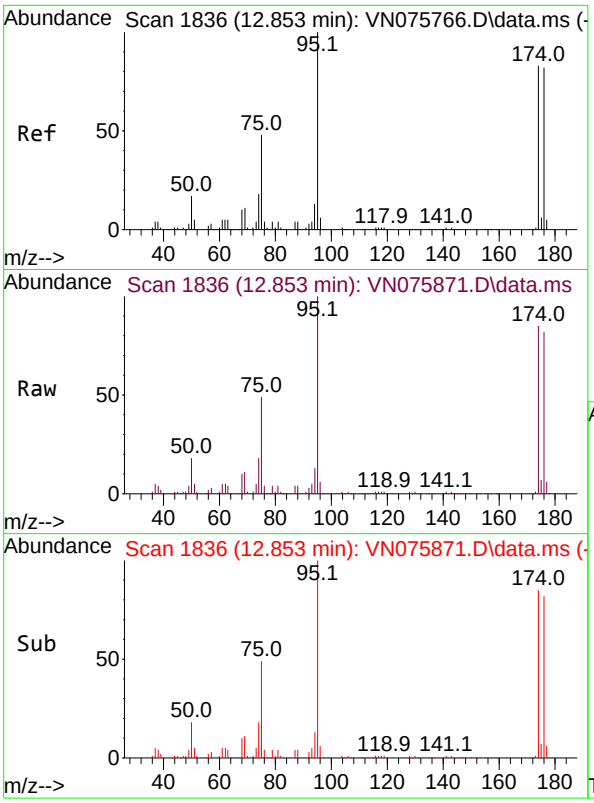


#52
Toluene
Concen: 11.689 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion: 92 Resp: 111247

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.3	205.9



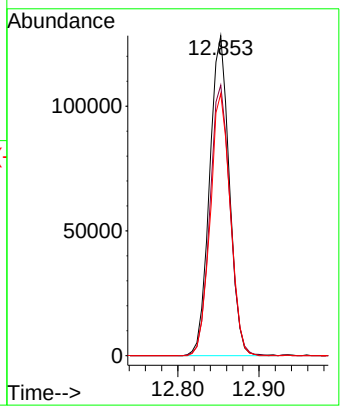


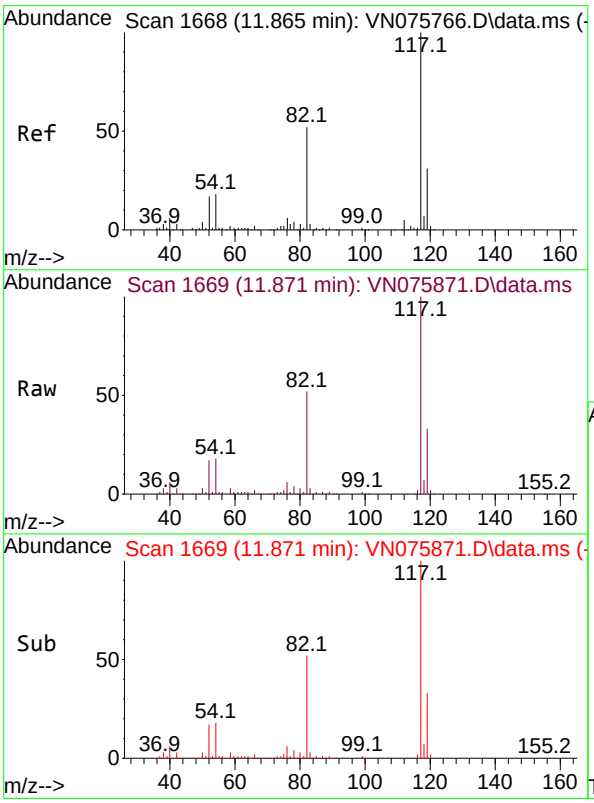
#62
4-Bromofluorobenzene
Concen: 49.036 ug/l
RT: 12.853 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion: 95 Resp: 216516

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	171.6
176	83.1	0.0	169.2

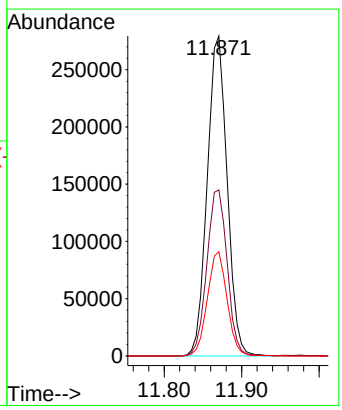


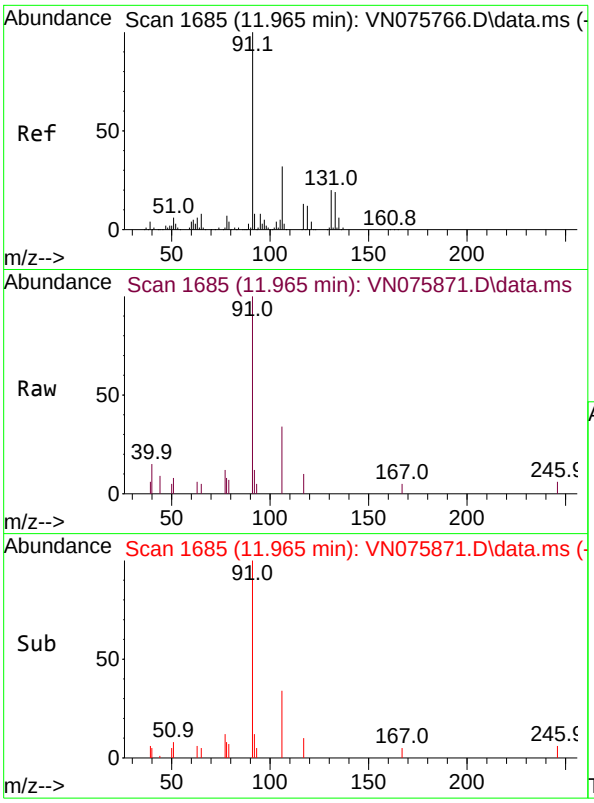


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion:117 Resp: 499376

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.3	61.9
119	32.5	24.6	37.0



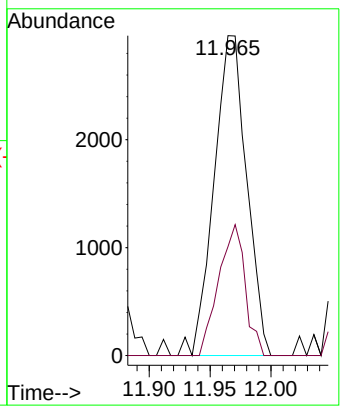


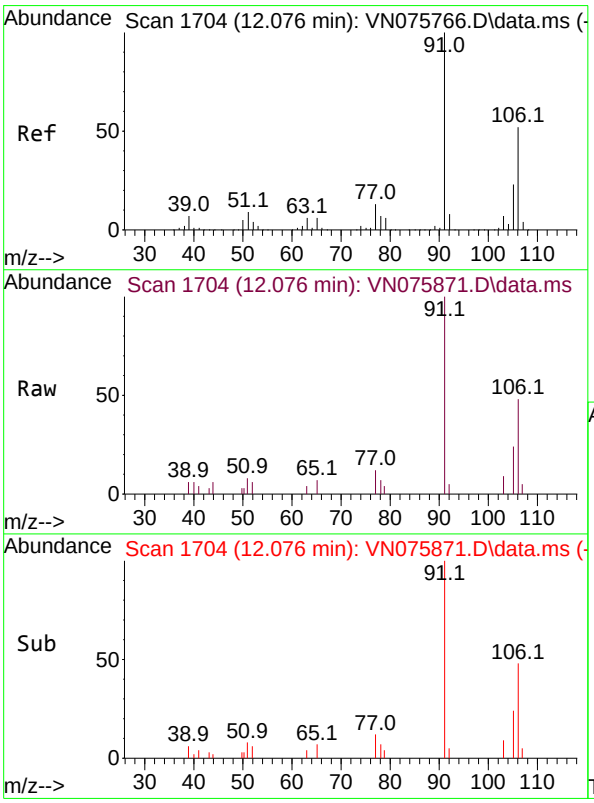
#67
Ethyl Benzene
Concen: 0.320 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion: 91 Resp: 5540

Ion	Ratio	Lower	Upper
91	100		
106	34.0	25.7	38.5

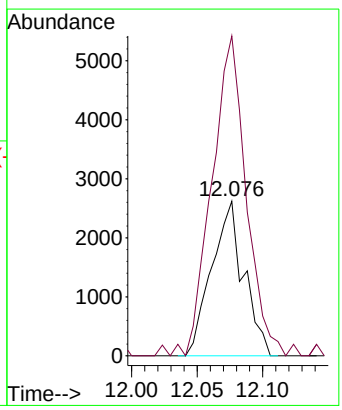


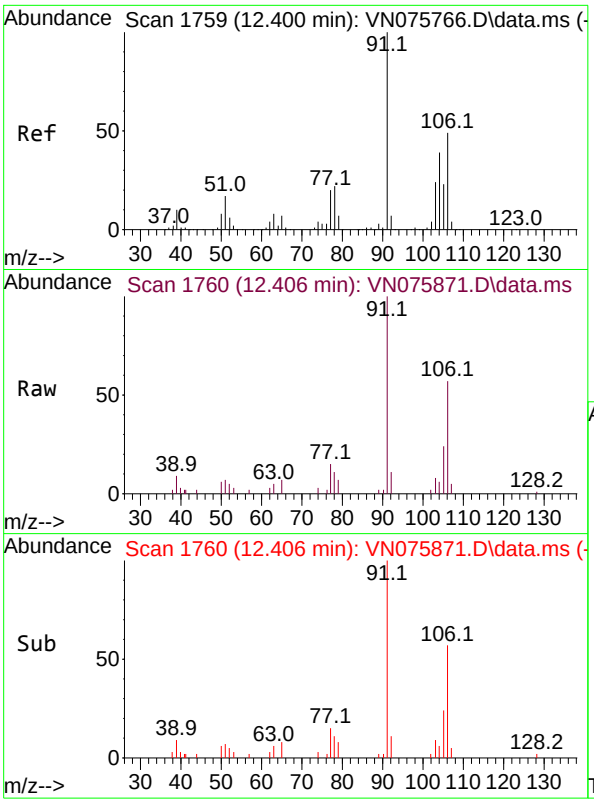


#68
m/p-Xylenes
Concen: 0.653 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion:106 Resp: 4473

Ion	Ratio	Lower	Upper
106	100		
91	222.5	156.6	235.0



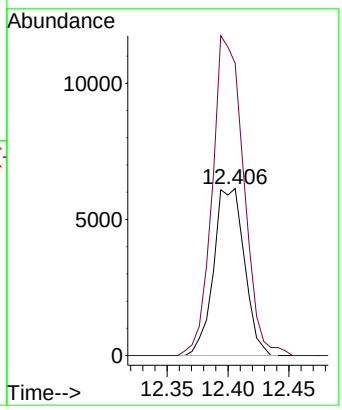


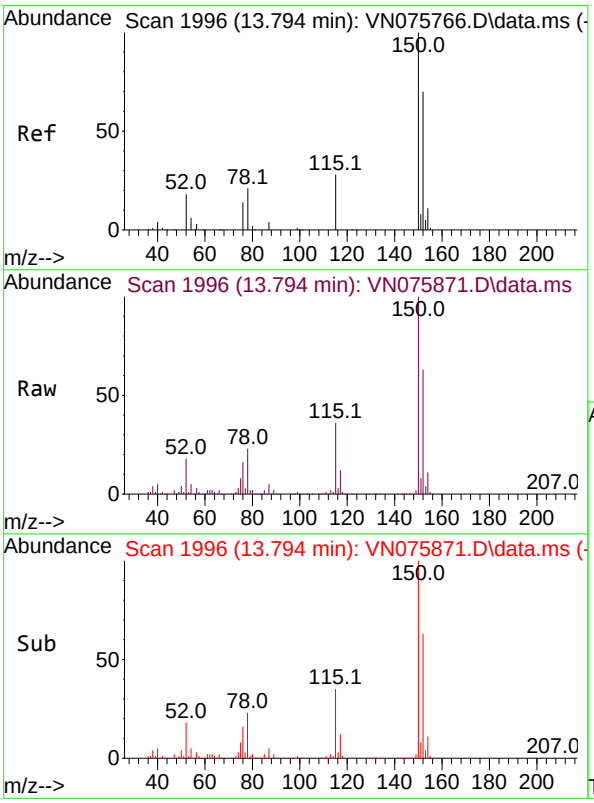
#69
o-Xylene
Concen: 1.593 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion:106 Resp: 10791

Ion	Ratio	Lower	Upper
106	100		
91	194.4	103.8	311.6

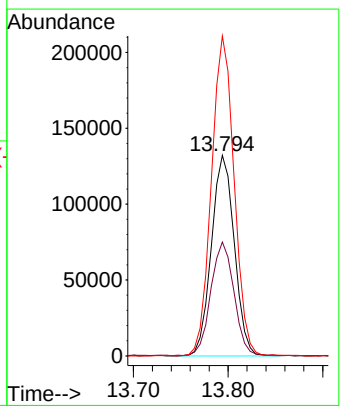


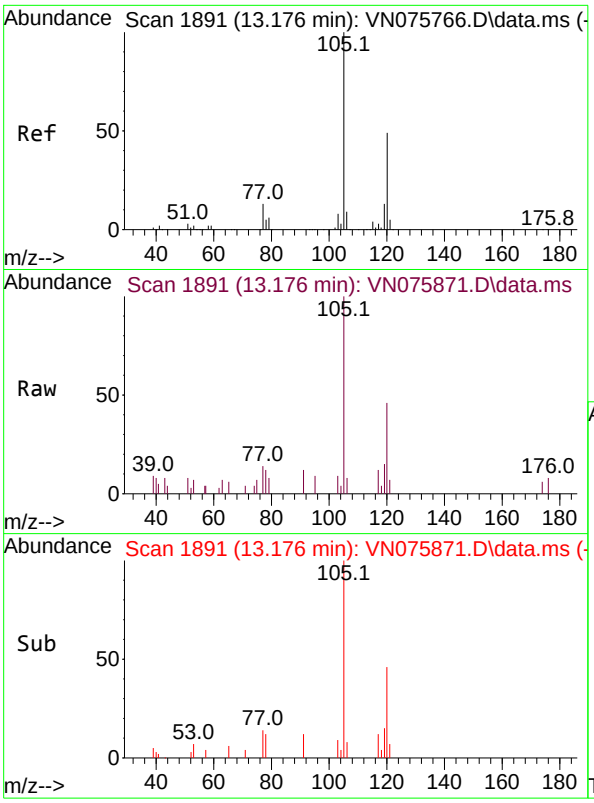


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion:152 Resp: 222195

Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.1	87.4
150	158.1	0.0	347.0



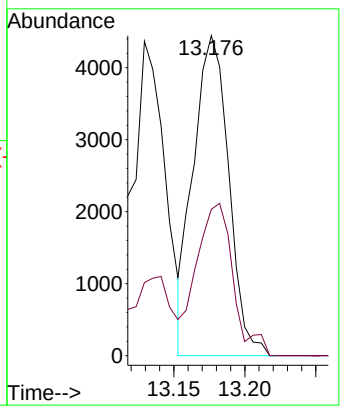


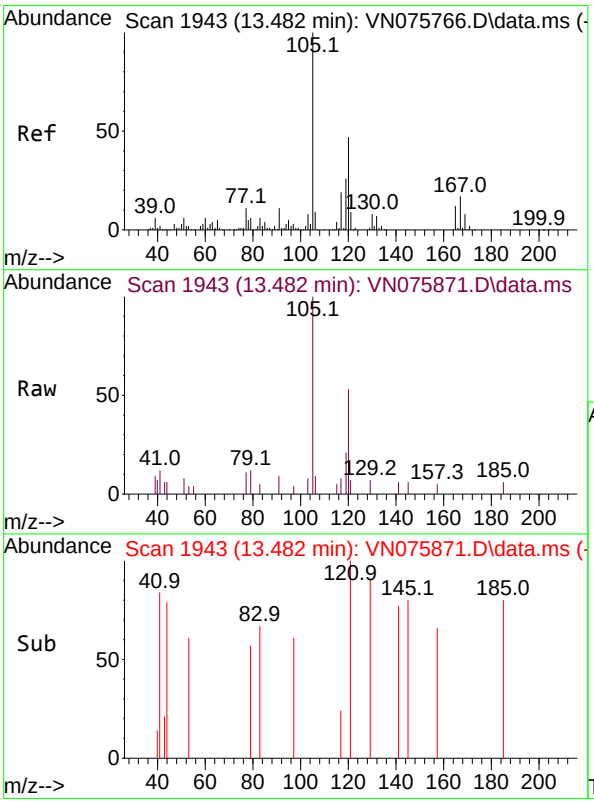
#80
1,3,5-Trimethylbenzene
Concen: 0.573 ug/l
RT: 13.176 min Scan# 18
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion:105 Resp: 7698

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.7	74.1

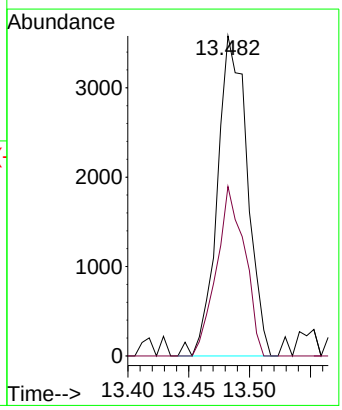


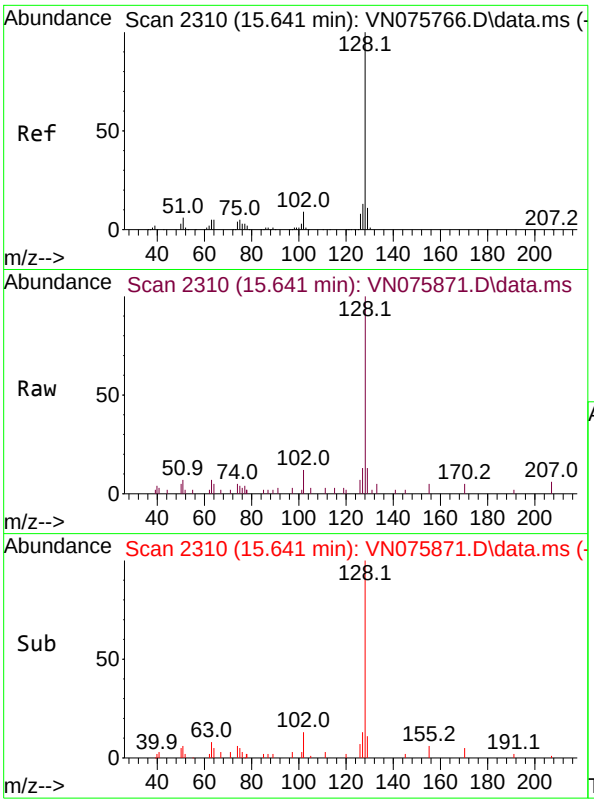


#84
1,2,4-Trimethylbenzene
Concen: 0.460 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Tgt Ion:105 Resp: 6139

Ion	Ratio	Lower	Upper
105	100		
120	49.6	23.3	69.8





#95
Naphthalene
Concen: 3.495 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN075871.D
Acq: 19 Dec 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
34258DL

Tgt Ion:128 Resp: 16662

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.4	15.6#
129	15.9	8.7	13.1#