Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
Data File : VN079494.D
Acq On : 10 Oct 2023 15:37
Operator : JC\MD
Sample : 04813-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Quant Time: Oct 11 06:19:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	272917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	552269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	560009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229459	51.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.700%			
35) Dibromofluoromethane	8.177	113	197914	49.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.570	98	672749	46.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.700%			
62) 4-Bromofluorobenzene	12.853	95	251511	54.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.160%			
Target Compounds						Qvalue
16) Acetone	4.441	43	57453	32.734	ug/l	92
20) Methylene Chloride	5.283	84	21432	5.035	ug/l	87
40) Benzene	8.612	78	874406	49.429	ug/l	97
43) Isopropyl Acetate	8.694	43	354415	34.131	ug/l #	69
52) Toluene	10.635	92	561957	53.967	ug/l	97
67) Ethyl Benzene	11.964	91	87343	4.029	ug/l	90
68) m/p-Xylenes	12.070	106	162103	20.581	ug/l	93
69) o-Xylene	12.406	106	111200	14.356	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	25130	1.516	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	68171	4.308	ug/l	95
95) Naphthalene	15.647	128	488537	64.760	ug/l	99

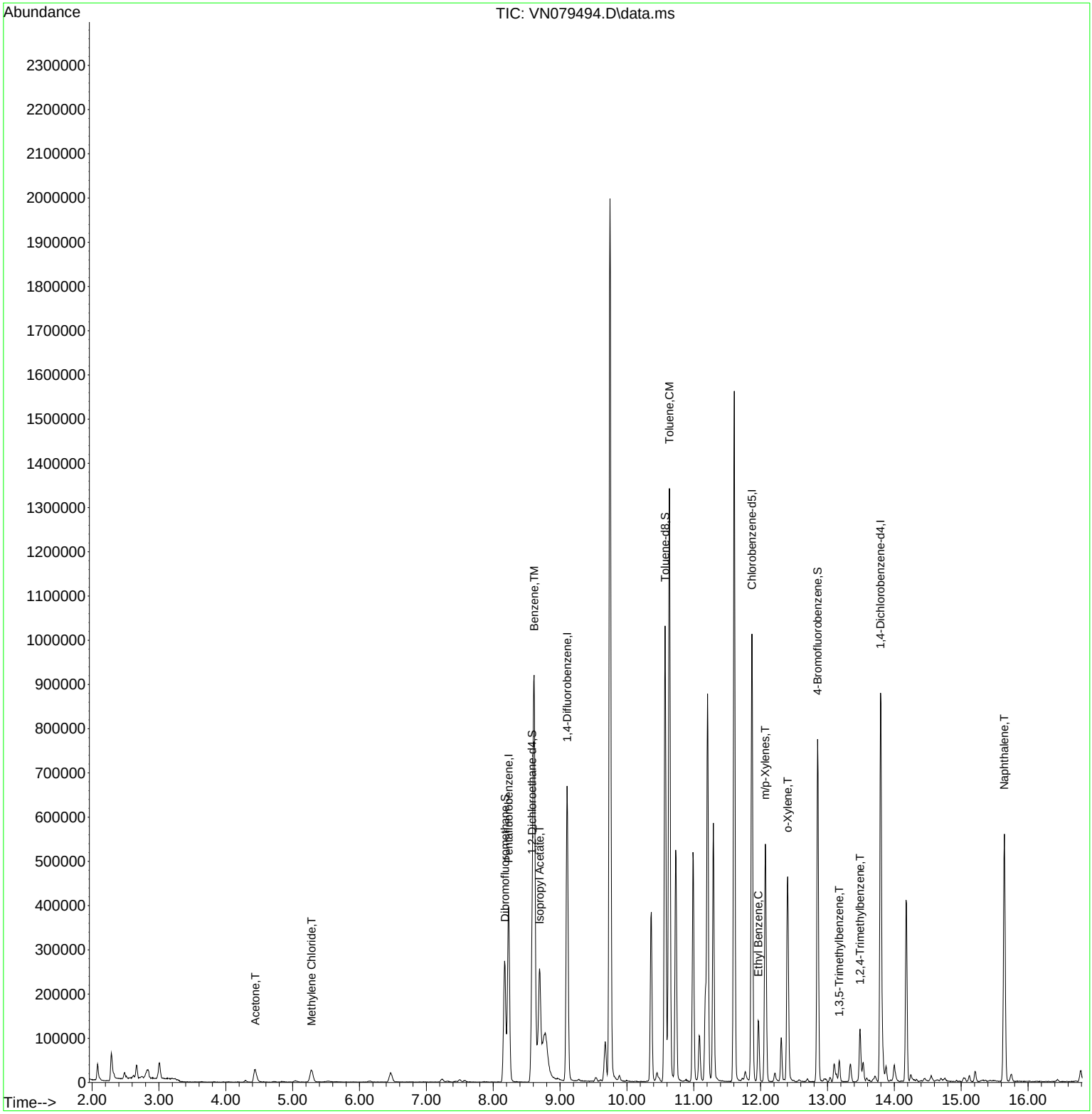
(#) = qualifier out of range (m) = manual integration (+) = signals summed

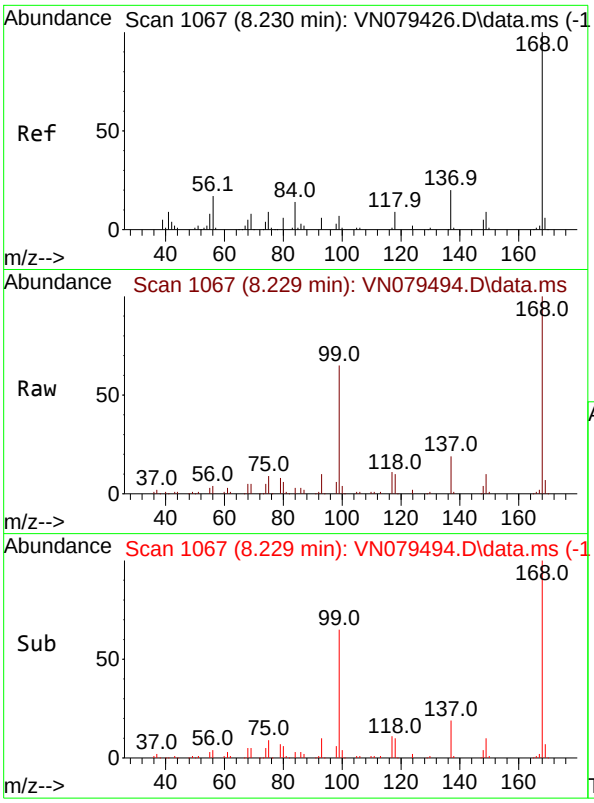
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
Data File : VN079494.D
Acq On : 10 Oct 2023 15:37
Operator : JC\MD
Sample : 04813-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Quant Time: Oct 11 06:19:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



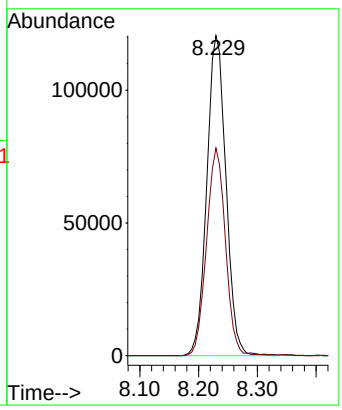


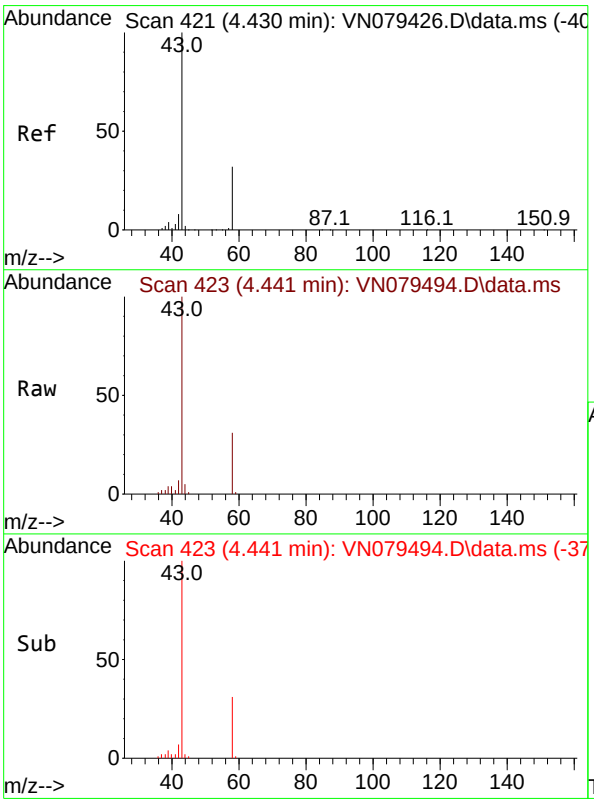
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion:168 Resp: 272917

Ion	Ratio	Lower	Upper
168	100		
99	64.9	53.0	79.6

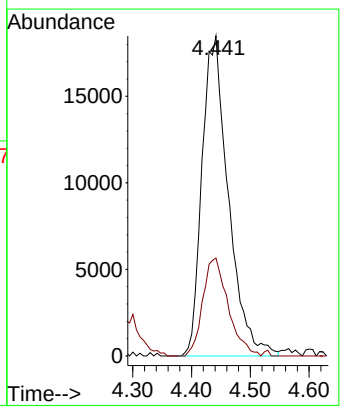


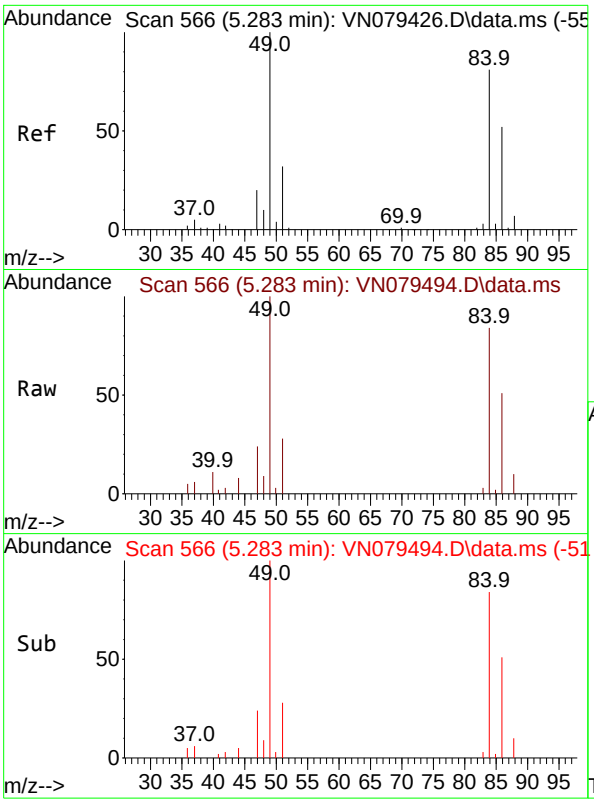


#16
Acetone
Concen: 32.734 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 43 Resp: 57453

Ion	Ratio	Lower	Upper
43	100		
58	30.6	28.0	42.0



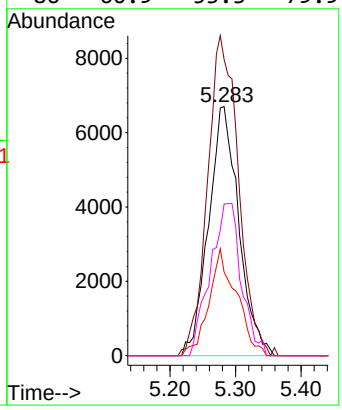


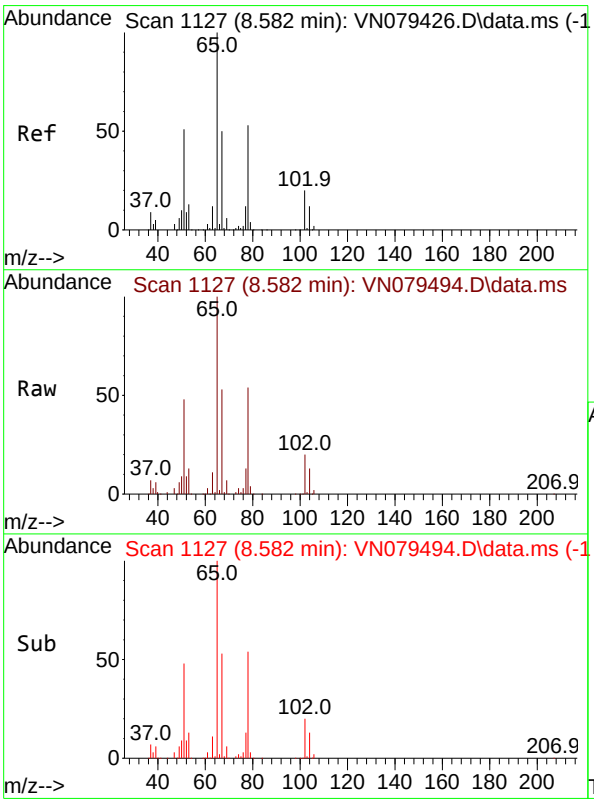
#20
Methylene Chloride
Concen: 5.035 ug/l
RT: 5.283 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion: 84 Resp: 21432

Ion	Ratio	Lower	Upper
84	100		
49	118.9	79.7	119.5
51	33.5	25.2	37.8
86	60.9	53.3	79.9

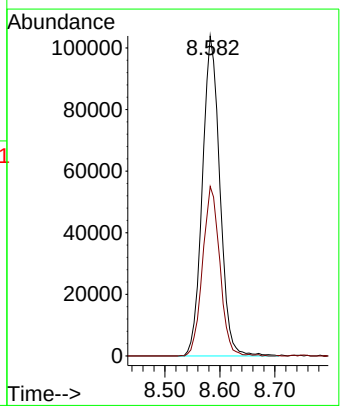


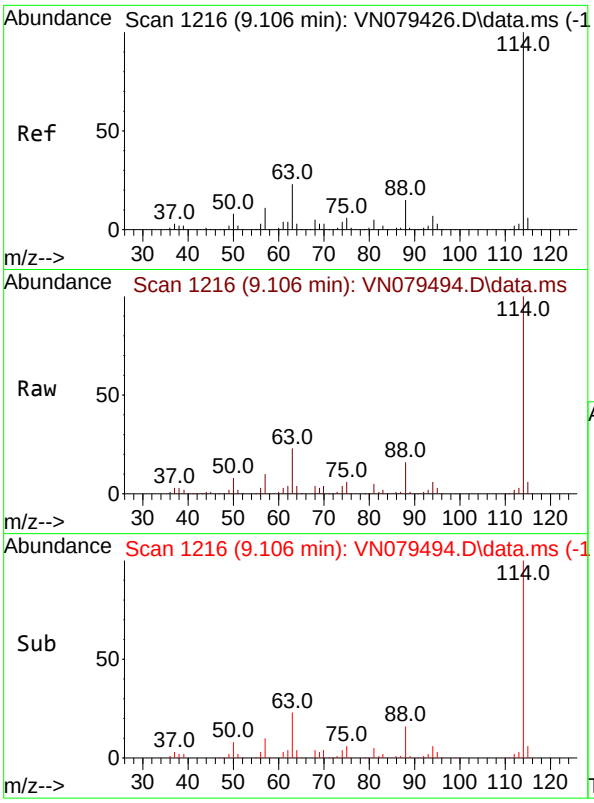


#33
1,2-Dichloroethane-d4
Concen: 51.854 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 65 Resp: 229459

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.6



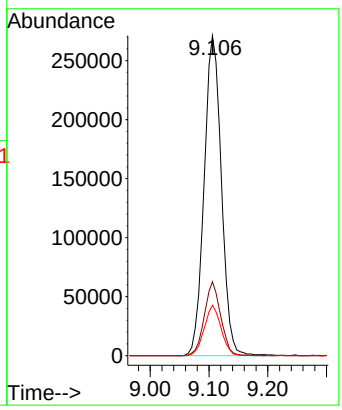


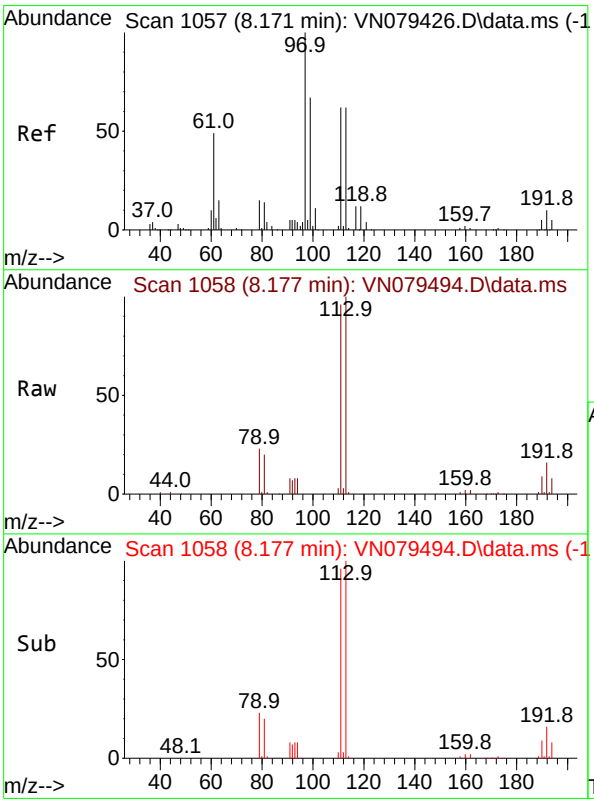
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion:114 Resp: 552269

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	36.4
88	15.8	0.0	30.6

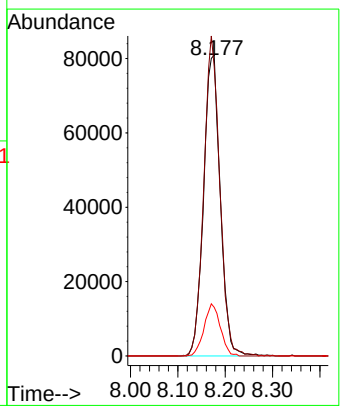


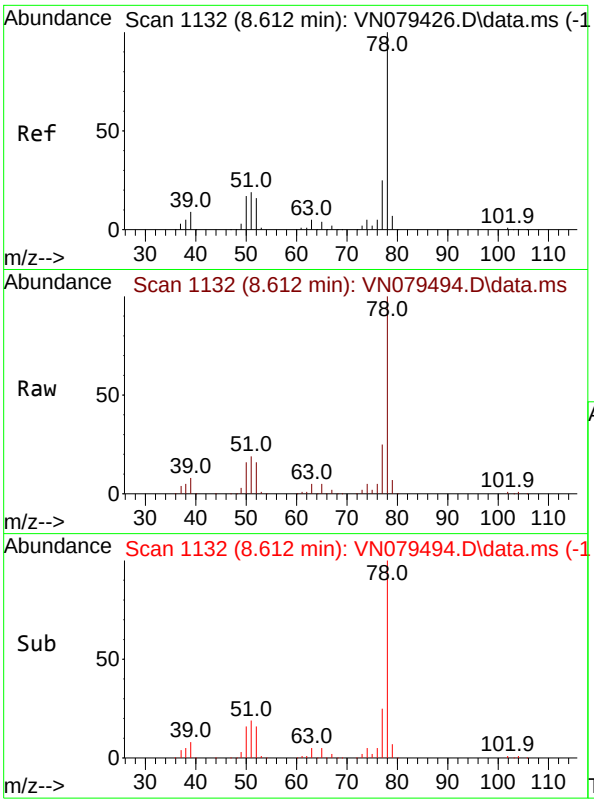


#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion:113 Resp: 197914

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	16.9	12.7	19.1



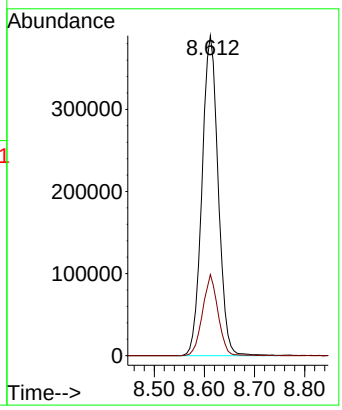


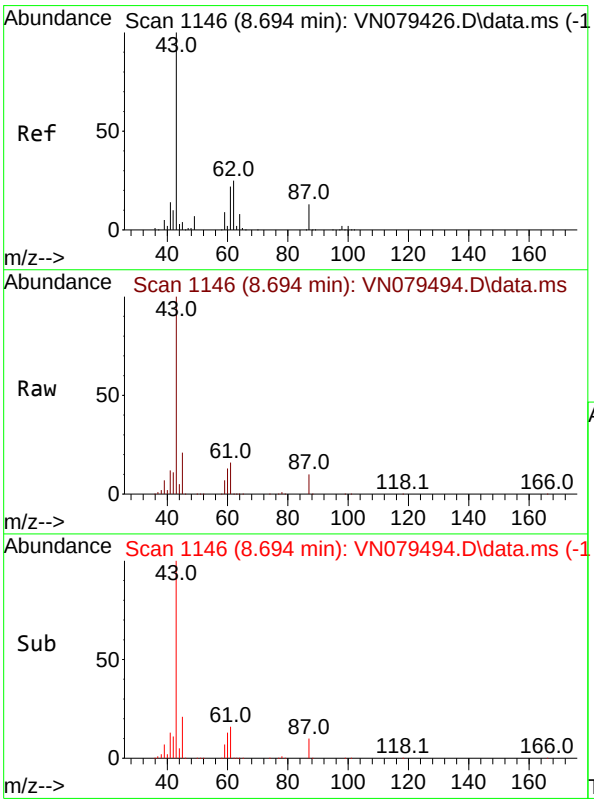
#40
Benzene
Concen: 49.429 ug/l
RT: 8.612 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion: 78 Resp: 874406

Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.0	28.6

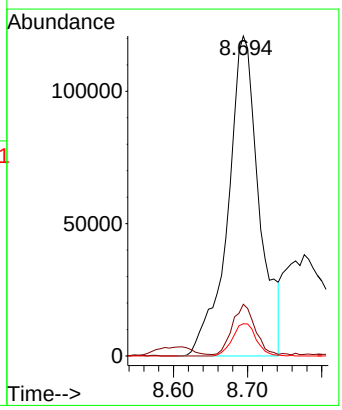


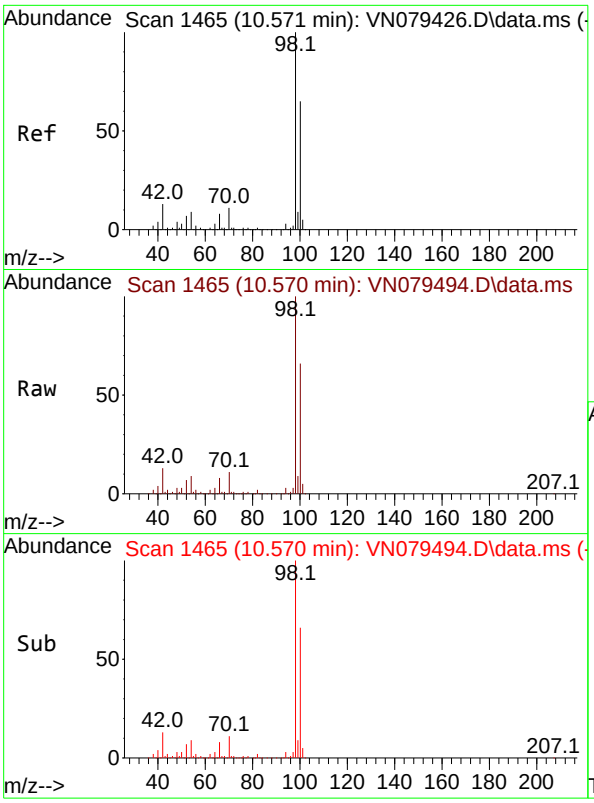


#43
Isopropyl Acetate
Concen: 34.131 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 43 Resp: 354415

Ion	Ratio	Lower	Upper
43	100		
61	11.6	24.7	37.1#
87	7.7	14.6	21.8#



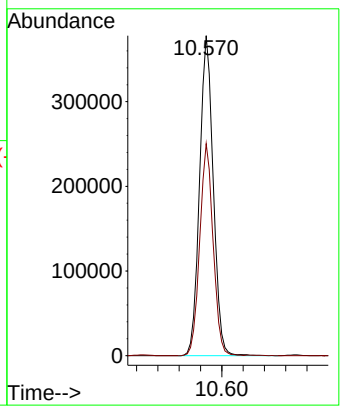


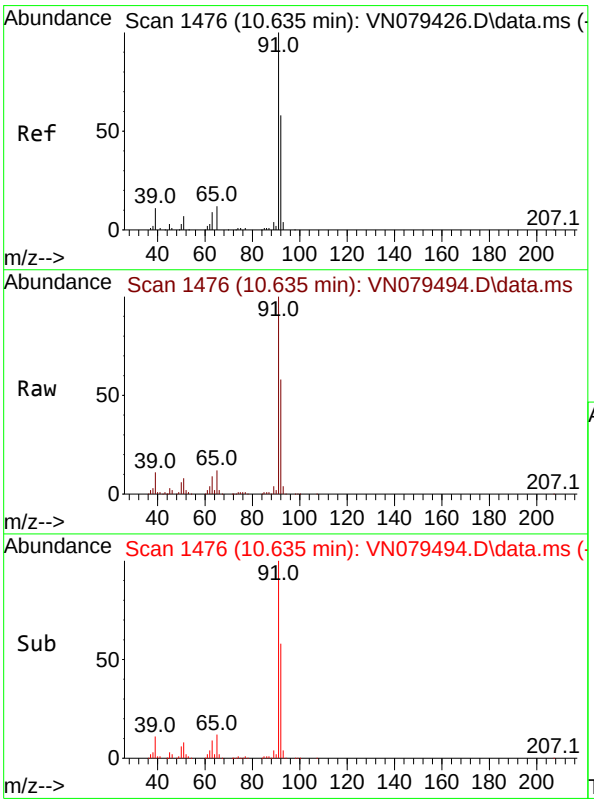
#50
Toluene-d8
Concen: 46.848 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion: 98 Resp: 672749

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0

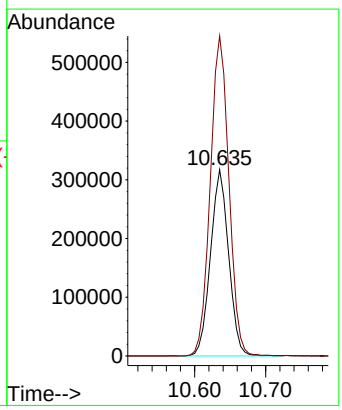


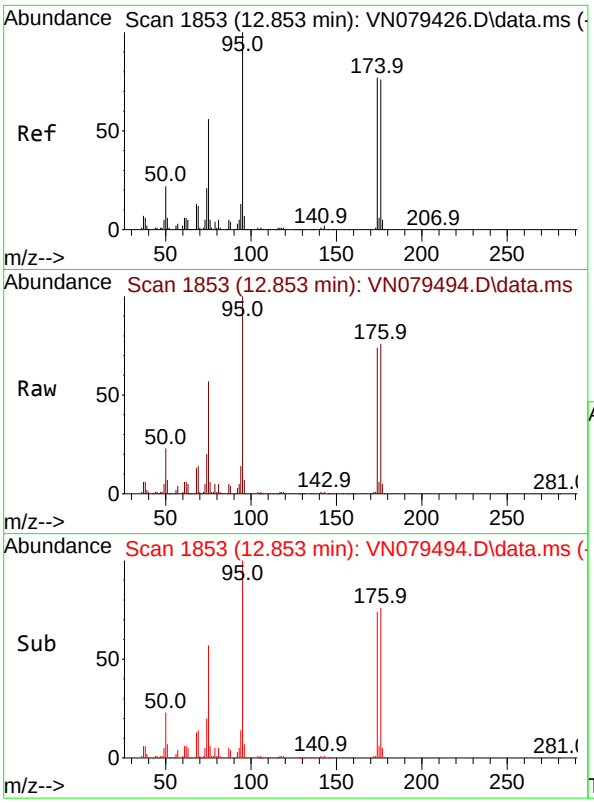


#52
Toluene
Concen: 53.967 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 92 Resp: 561957

Ion	Ratio	Lower	Upper
92	100		
91	176.4	137.4	206.0



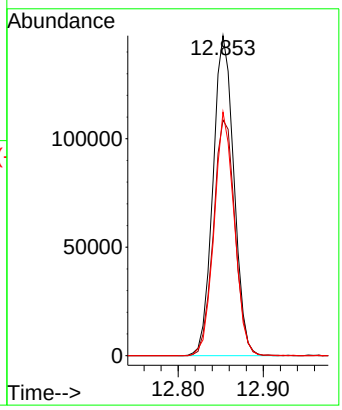


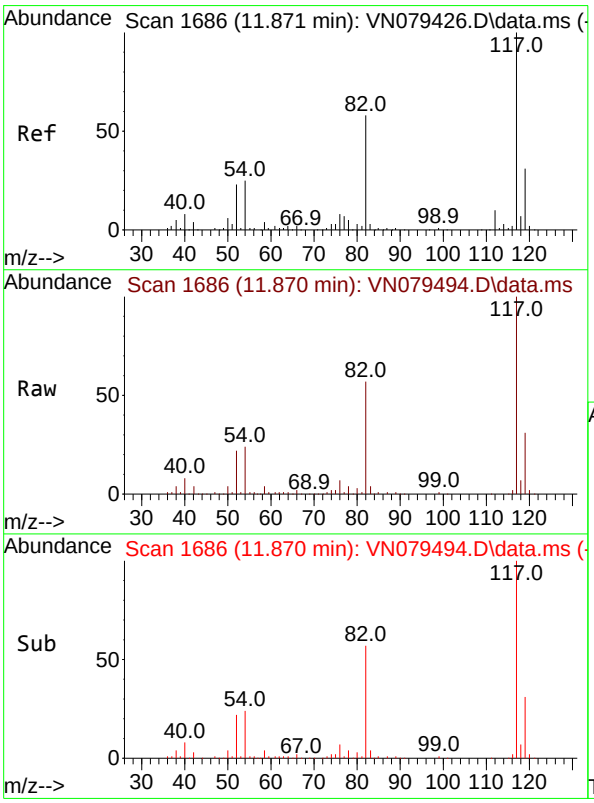
#62
4-Bromofluorobenzene
Concen: 54.575 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion: 95 Resp: 251511

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	143.8
176	73.3	0.0	135.8

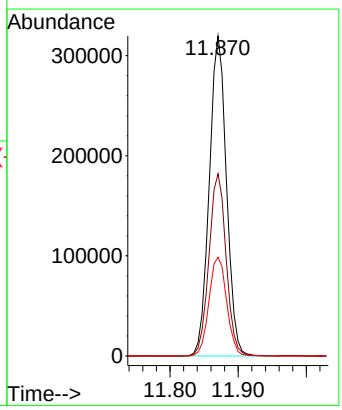


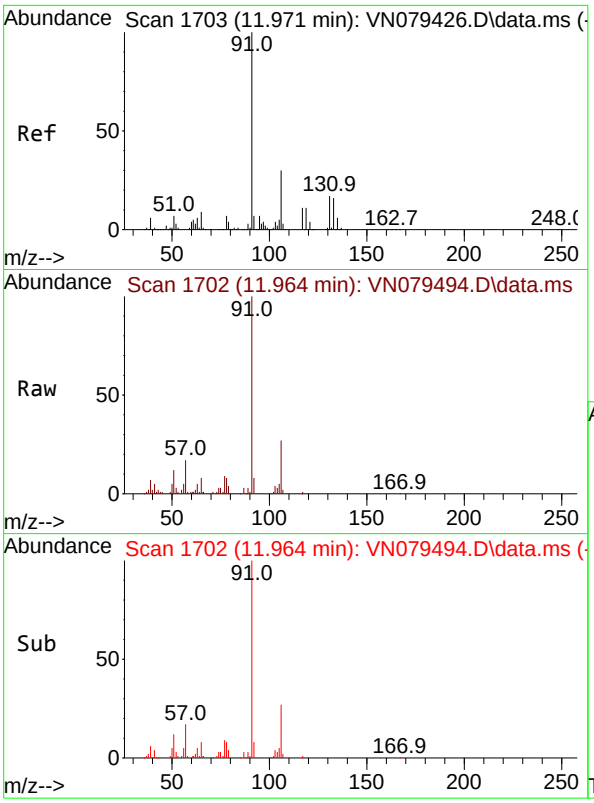


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion:117 Resp: 560009

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.0	66.0
119	30.9	25.6	38.4



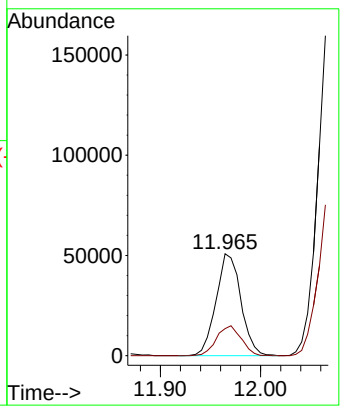


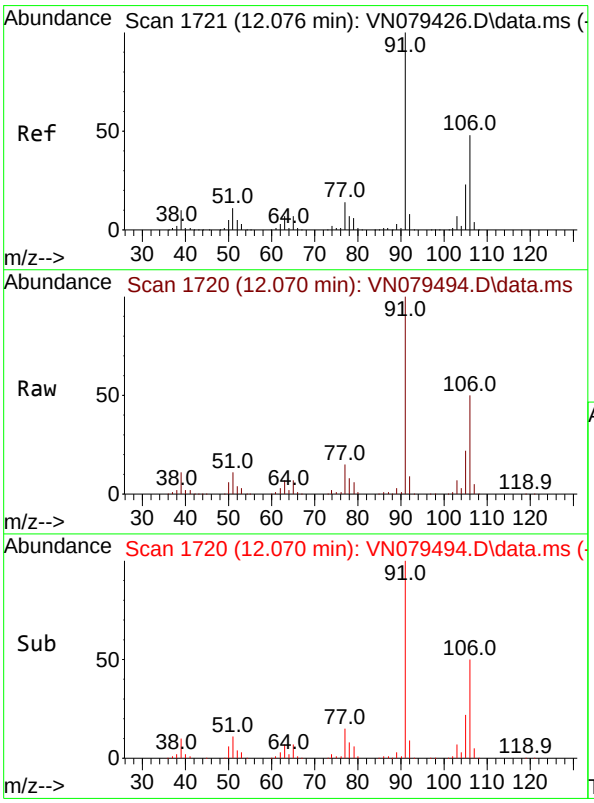
#67
Ethyl Benzene
Concen: 4.029 ug/l
RT: 11.964 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion: 91 Resp: 87343

Ion	Ratio	Lower	Upper
91	100		
106	26.6	25.6	38.4

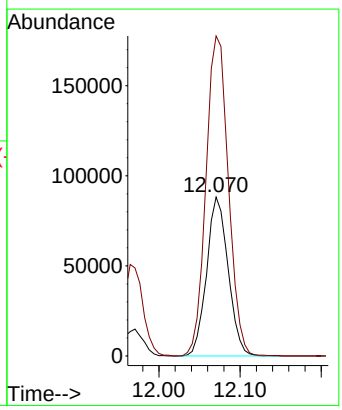


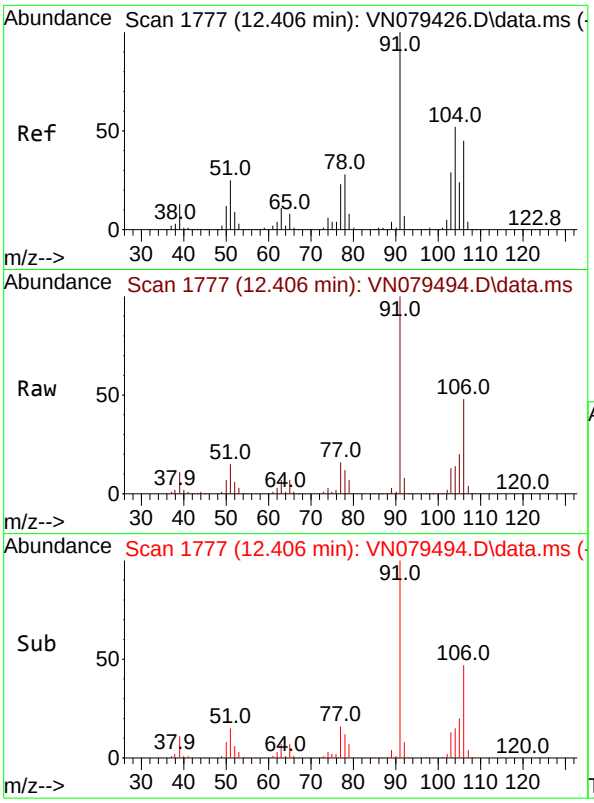


#68
m/p-Xylenes
Concen: 20.581 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion:106 Resp: 162103

Ion	Ratio	Lower	Upper
106	100		
91	210.0	159.6	239.4



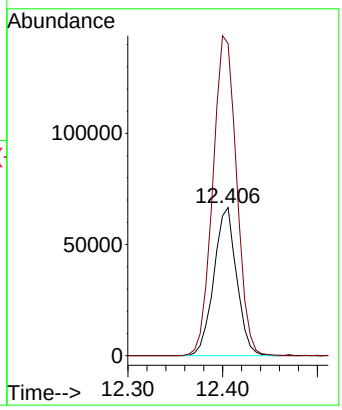


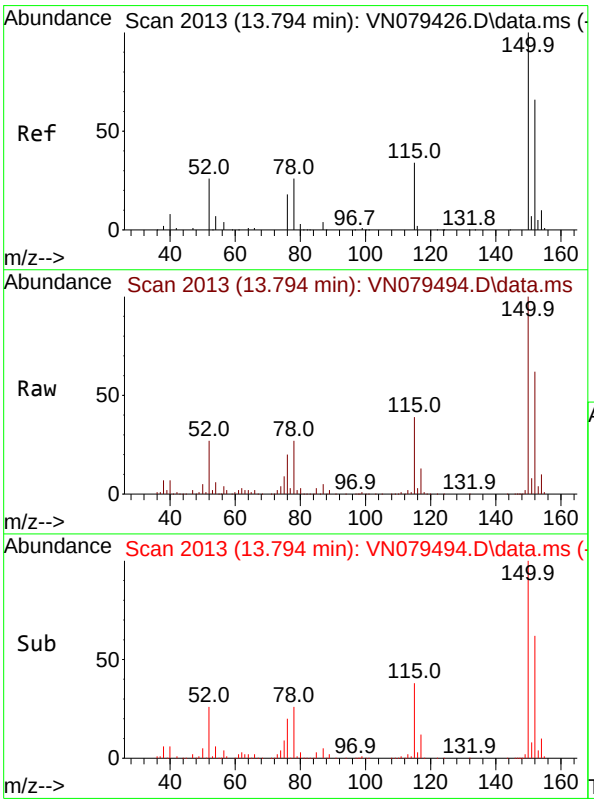
#69
o-Xylene
Concen: 14.356 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion:106 Resp: 111200

Ion	Ratio	Lower	Upper
106	100		
91	225.6	105.2	315.5

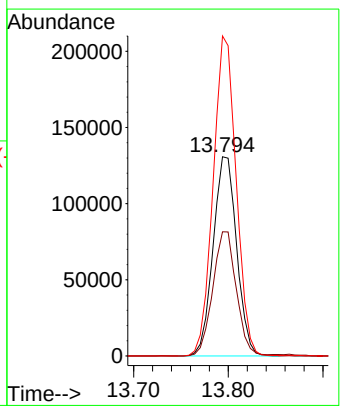


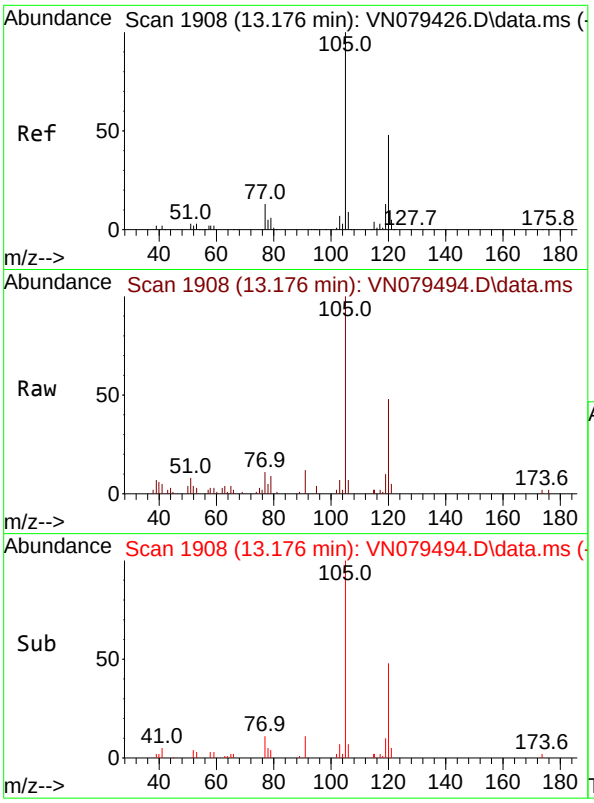


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion:152 Resp: 226013

Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.3	96.8
150	157.0	0.0	355.8



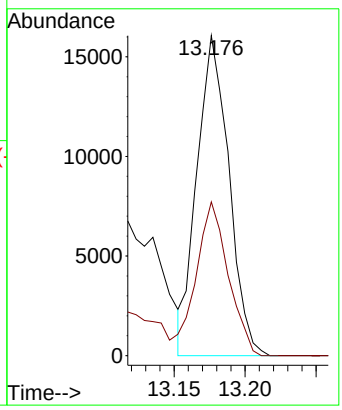


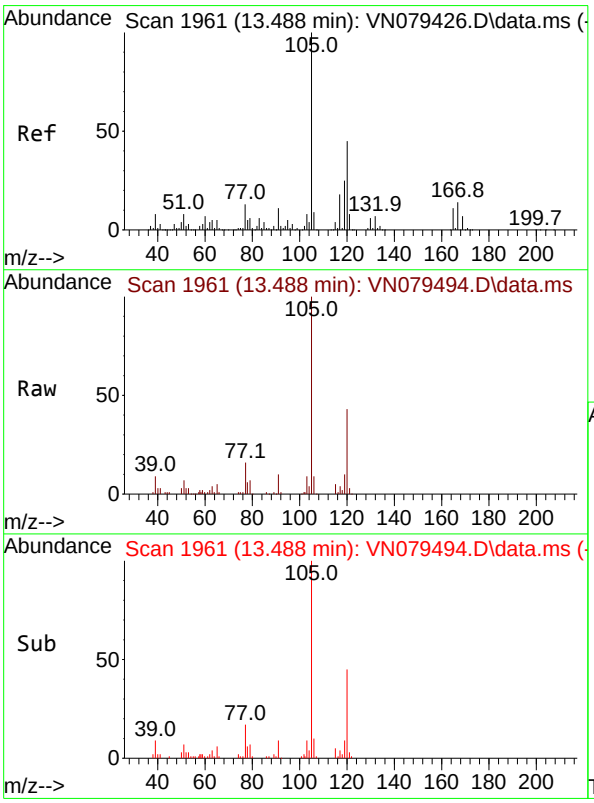
#80
1,3,5-Trimethylbenzene
Concen: 1.516 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion:105 Resp: 25130

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.3

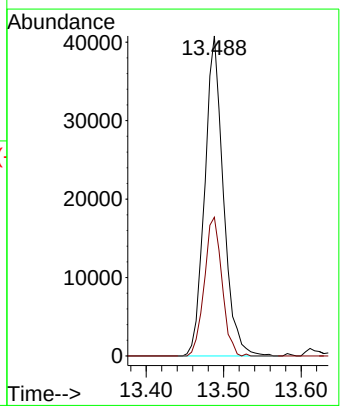


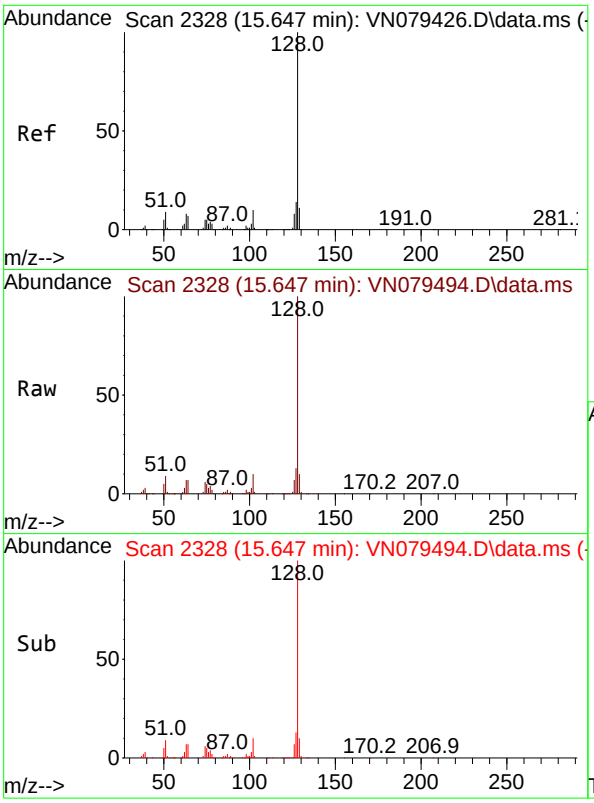


#84
1,2,4-Trimethylbenzene
Concen: 4.308 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion:105 Resp: 68171

Ion	Ratio	Lower	Upper
105	100		
120	40.9	22.0	66.0





#95
Naphthalene
Concen: 64.760 ug/l
RT: 15.647 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :
SB-18

Tgt Ion:128 Resp: 488537

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	10.8	8.7	13.1