Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
Data File : VN075904.D
Acq On : 20 Dec 2022 17:23
Operator : JC\MD
Sample : N6161-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Quant Time: Dec 21 01:29:21 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

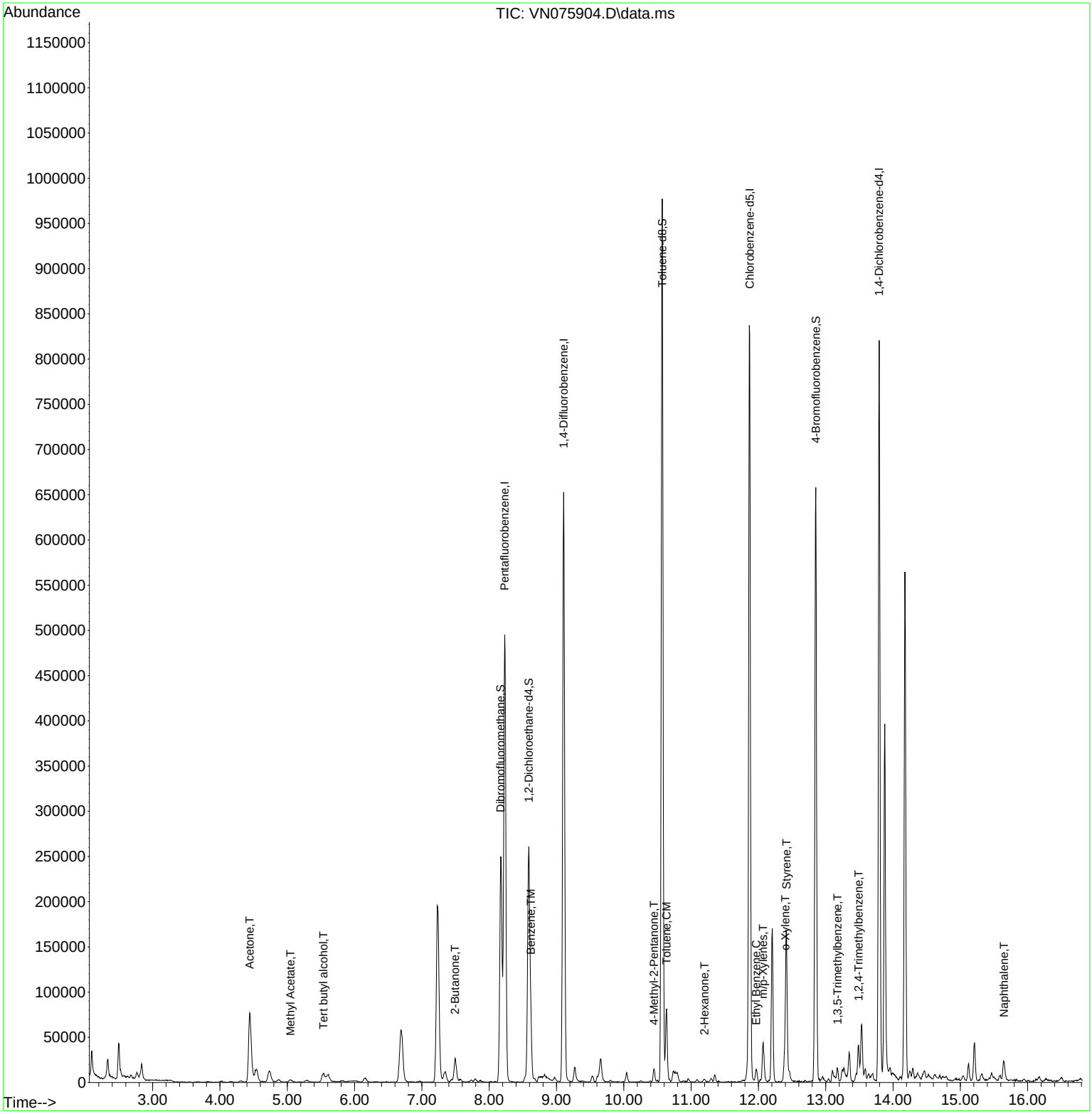
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	391152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	604590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	516574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	193859	45.556	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.120%			
35) Dibromofluoromethane	8.171	113	178682	47.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.440%			
50) Toluene-d8	10.571	98	693924	49.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.140%			
62) 4-Bromofluorobenzene	12.853	95	219477	47.336	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.680%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	18782	31.193	ug/l #	86
16) Acetone	4.442	43	143327	97.707	ug/l	91
18) Methyl Acetate	5.047	43	5462	1.260	ug/l #	83
25) 2-Butanone	7.494	43	40047	19.498	ug/l	97
40) Benzene	8.618	78	70833	4.616	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	9388	2.356	ug/l	97
52) Toluene	10.635	92	34635	3.465	ug/l	94
59) 2-Hexanone	11.200	43	3116	1.072	ug/l	77
67) Ethyl Benzene	11.965	91	9759	0.545	ug/l	90
68) m/p-Xylenes	12.070	106	14145	1.997	ug/l	92
69) o-Xylene	12.400	106	8787	1.254	ug/l	94
70) Styrene	12.418	104	72917	6.543	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	5530	0.396	ug/l	85
84) 1,2,4-Trimethylbenzene	13.488	105	22098	1.596	ug/l	96
95) Naphthalene	15.647	128	18250	3.567	ug/l #	92

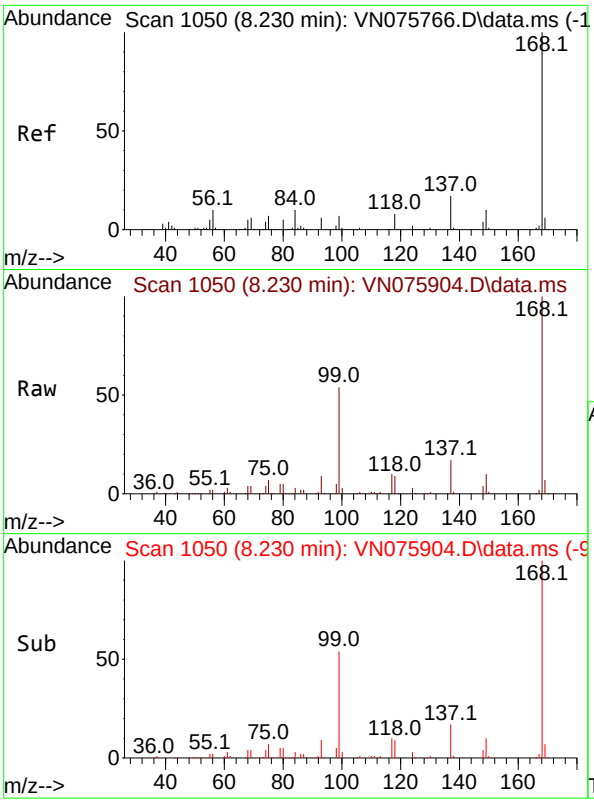
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
Data File : VN075904.D
Acq On : 20 Dec 2022 17:23
Operator : JC\MD
Sample : N6161-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Quant Time: Dec 21 01:29:21 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



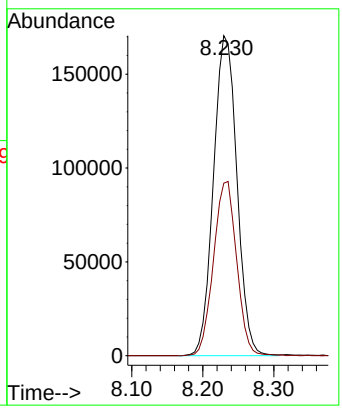


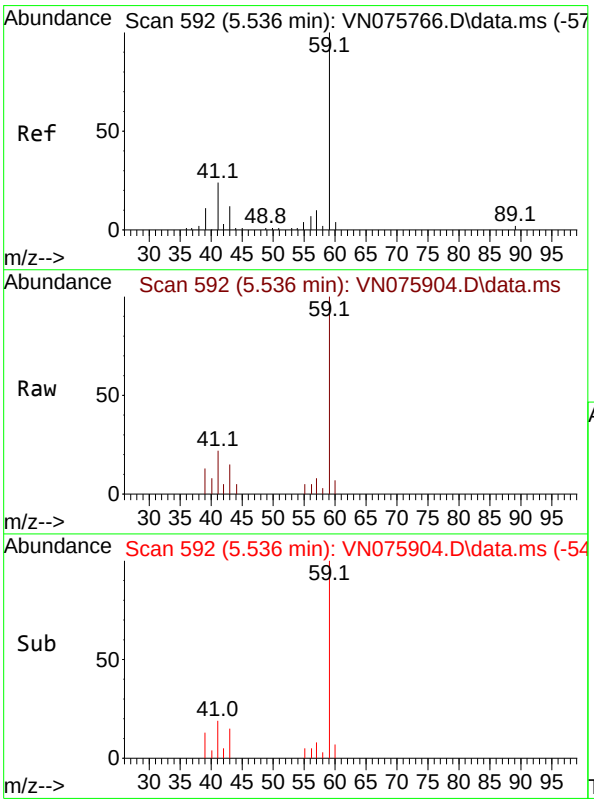
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:168 Resp: 391152

Ion	Ratio	Lower	Upper
168	100		
99	53.9	44.2	66.4

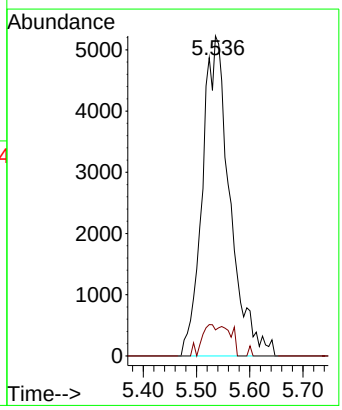


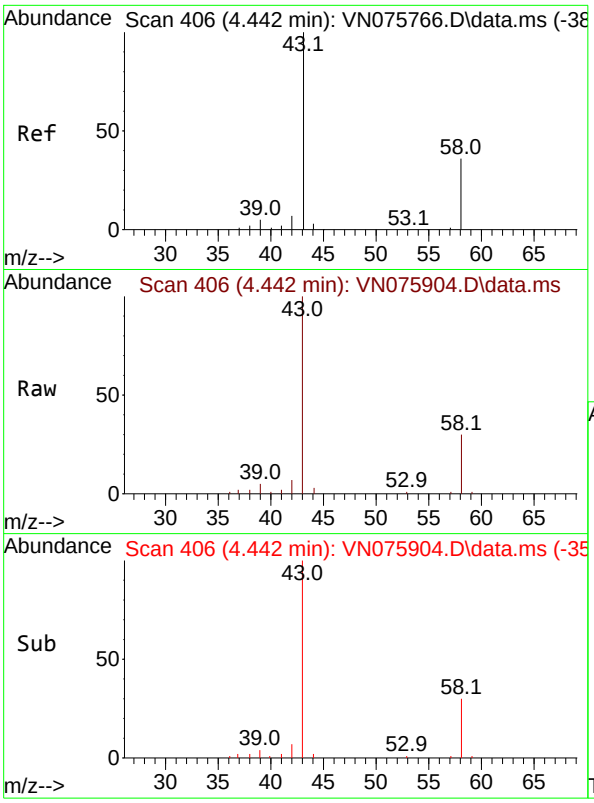


#11
Tert butyl alcohol
Concen: 31.193 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 59 Resp: 18782

Ion	Ratio	Lower	Upper
59	100		
57	5.0	8.2	12.4#



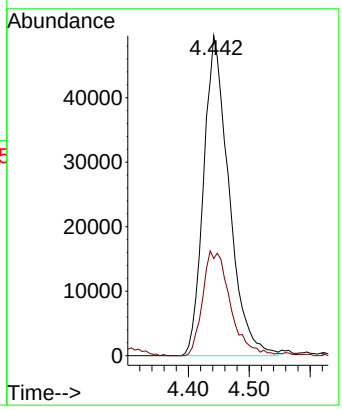


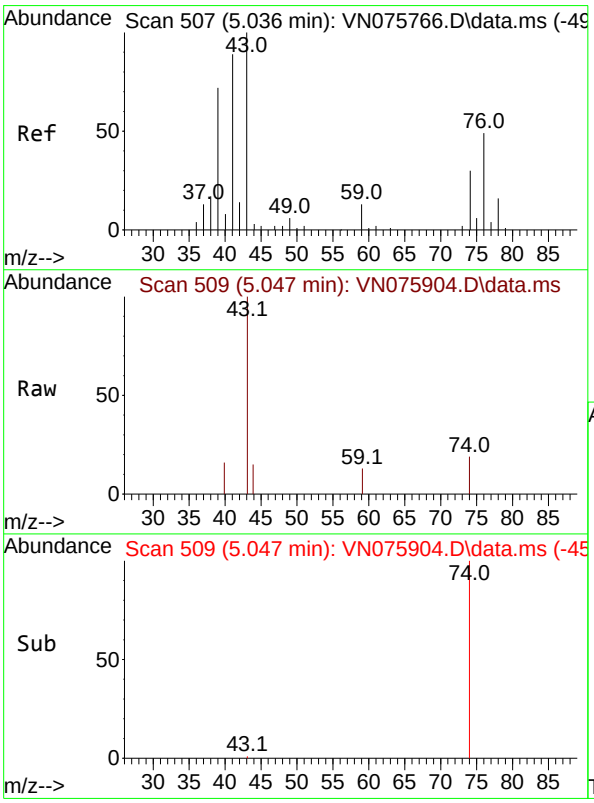
#16
Acetone
Concen: 97.707 ug/l
RT: 4.442 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion: 43 Resp: 143327

Ion	Ratio	Lower	Upper
43	100		
58	30.3	28.6	43.0

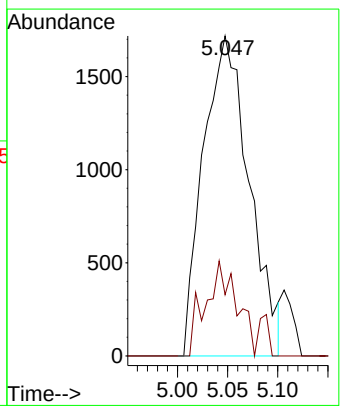


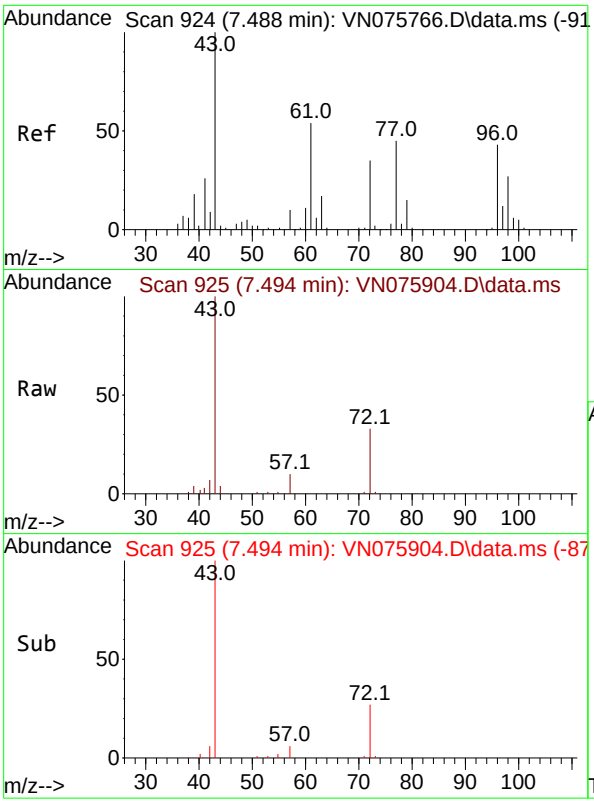


#18
Methyl Acetate
Concen: 1.260 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 43 Resp: 5462

Ion	Ratio	Lower	Upper
43	100		
74	20.2	23.6	35.4#



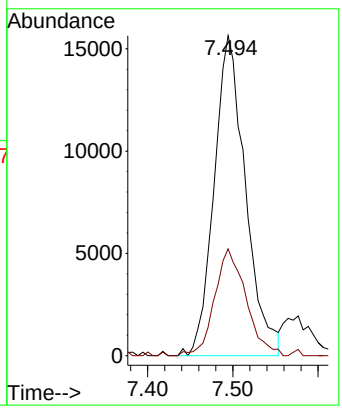


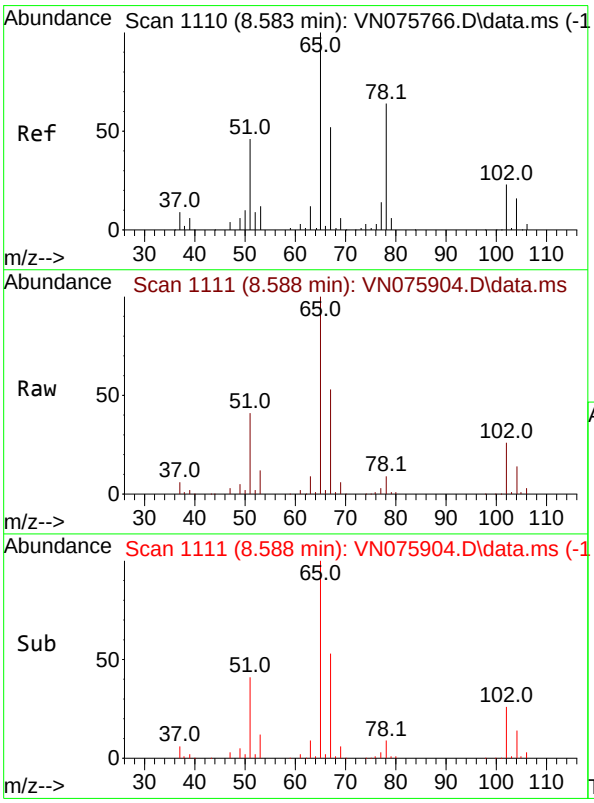
#25
2-Butanone
Concen: 19.498 ug/l
RT: 7.494 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion: 43 Resp: 40047

Ion	Ratio	Lower	Upper
43	100		
72	33.4	28.0	42.0

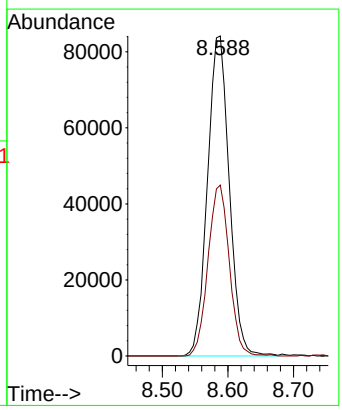


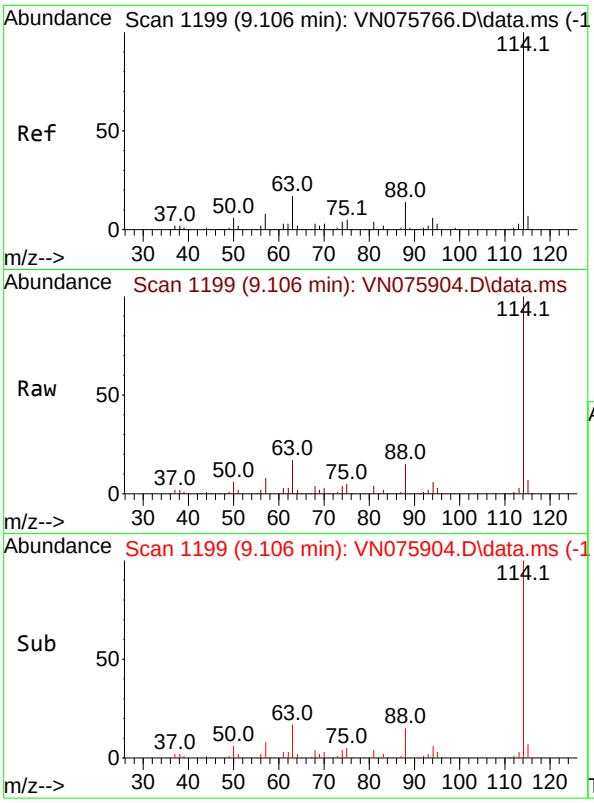


#33
1,2-Dichloroethane-d4
Concen: 45.556 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 65 Resp: 193859

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.4



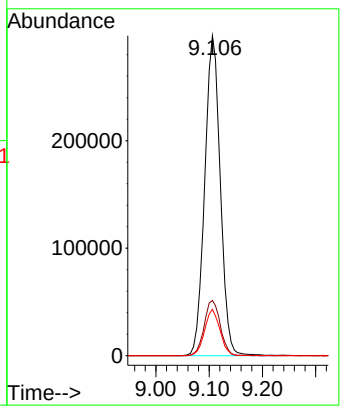


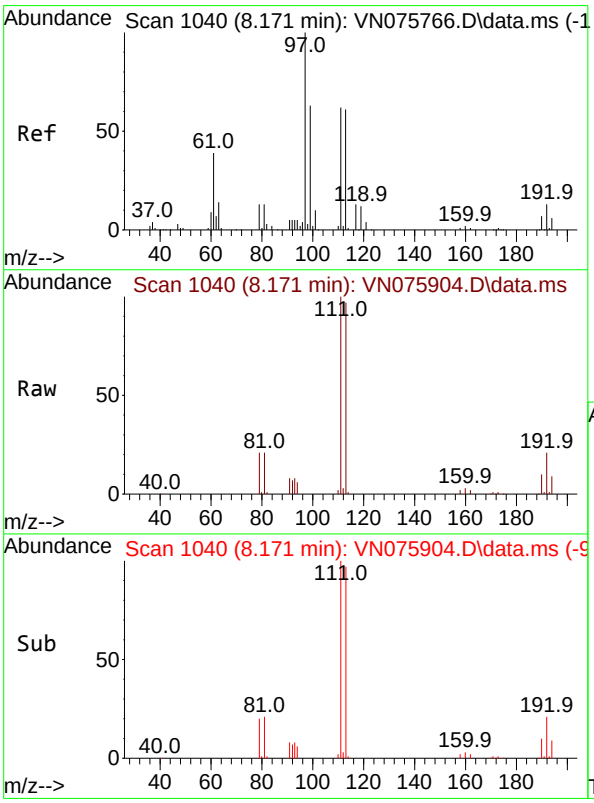
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:114 Resp: 604590

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.4
88	14.5	0.0	28.8

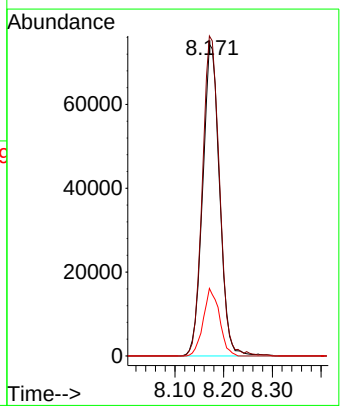


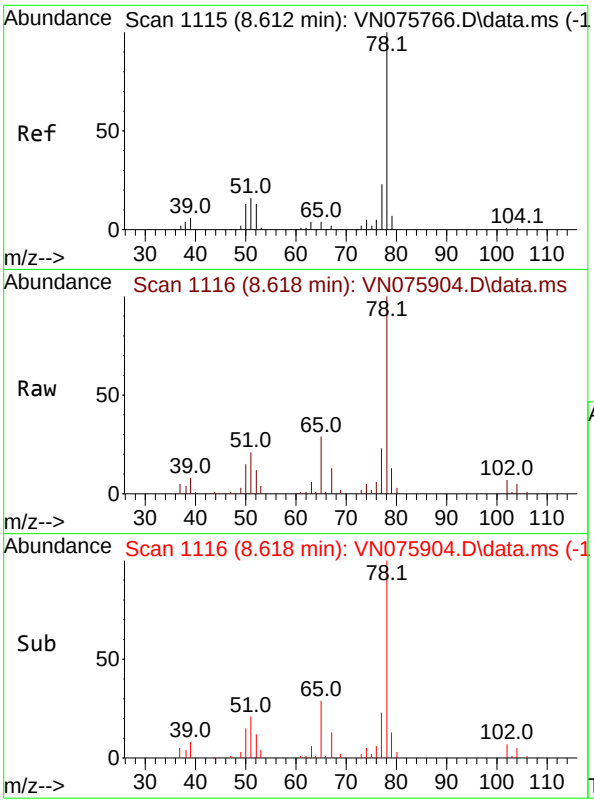


#35
Dibromofluoromethane
Concen: 47.723 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion:113 Resp: 178682

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	20.8	16.1	24.1



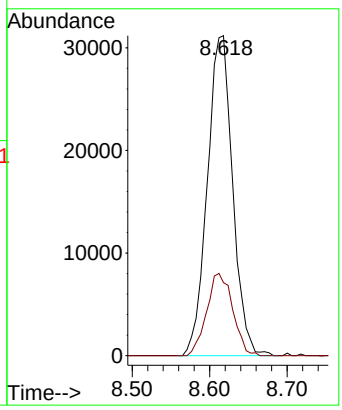


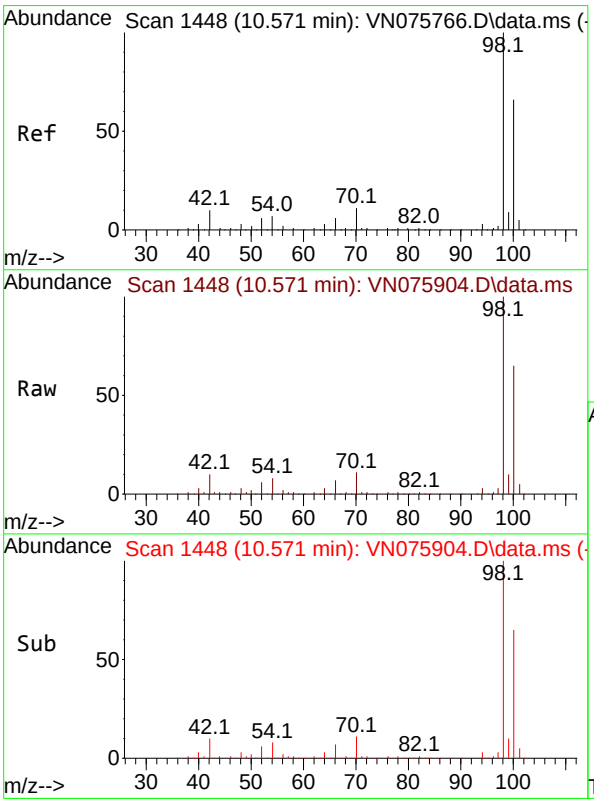
#40
Benzene
Concen: 4.616 ug/l
RT: 8.618 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion: 78 Resp: 70833

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.5	27.7

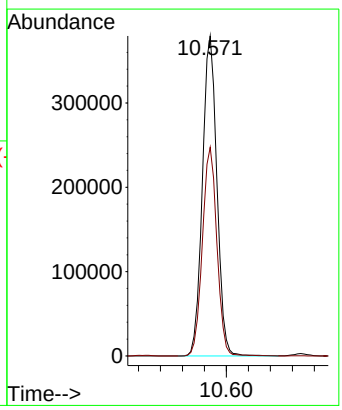


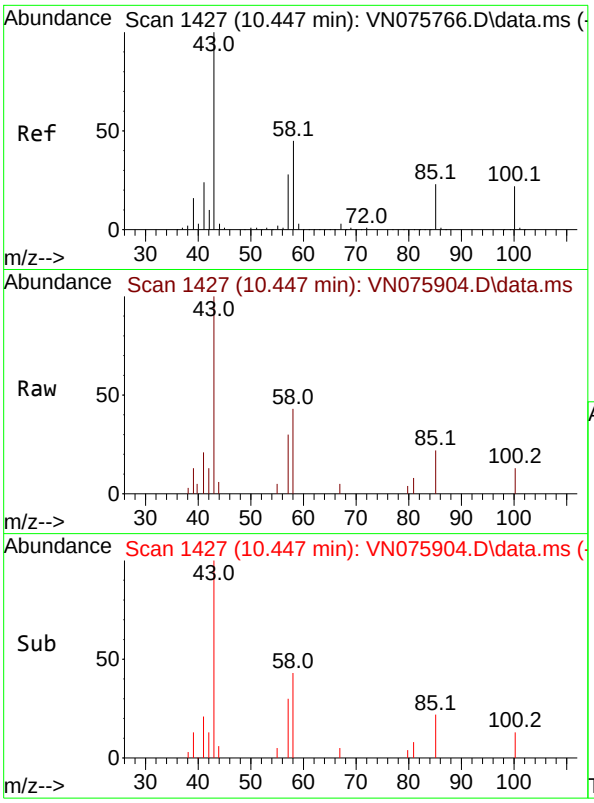


#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 98 Resp: 693924

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1



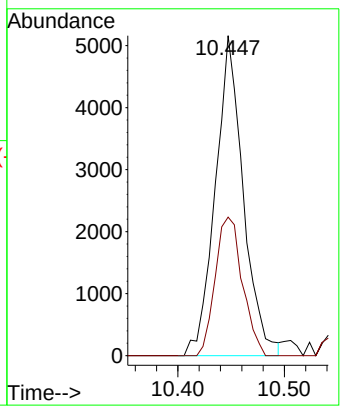


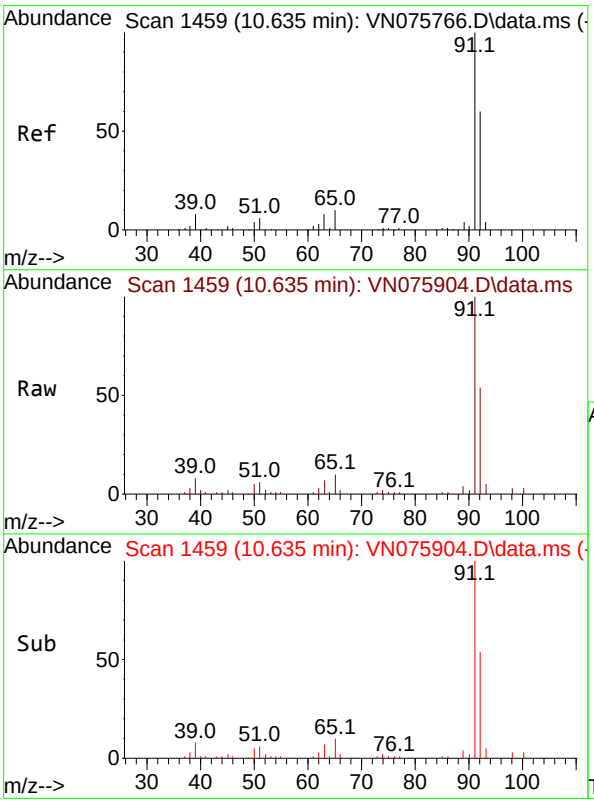
#51
4-Methyl-2-Pentanone
Concen: 2.356 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion: 43 Resp: 9388

Ion	Ratio	Lower	Upper
43	100		
58	42.2	35.5	53.3

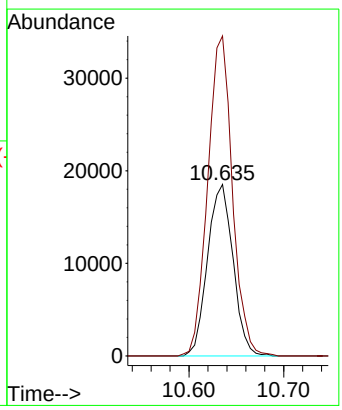


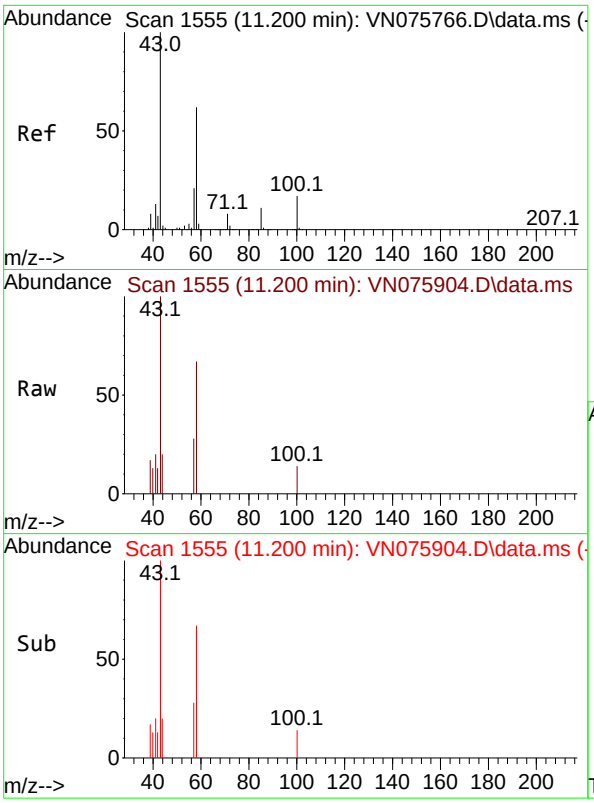


#52
Toluene
Concen: 3.465 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 92 Resp: 34635

Ion	Ratio	Lower	Upper
92	100		
91	180.3	137.3	205.9



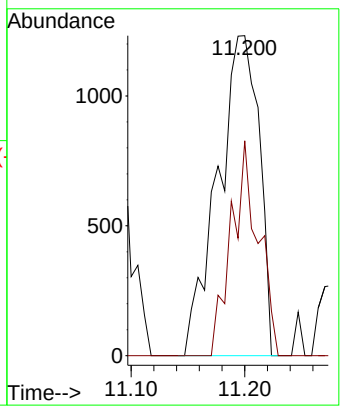


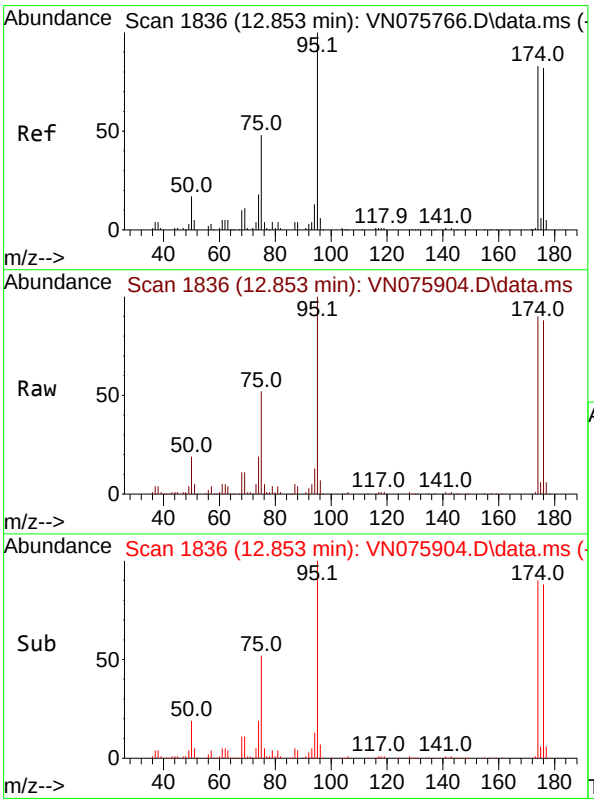
#59
2-Hexanone
Concen: 1.072 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion: 43 Resp: 3116

Ion	Ratio	Lower	Upper
43	100		
58	43.7	30.6	92.0

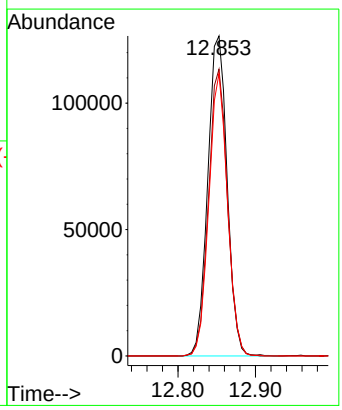


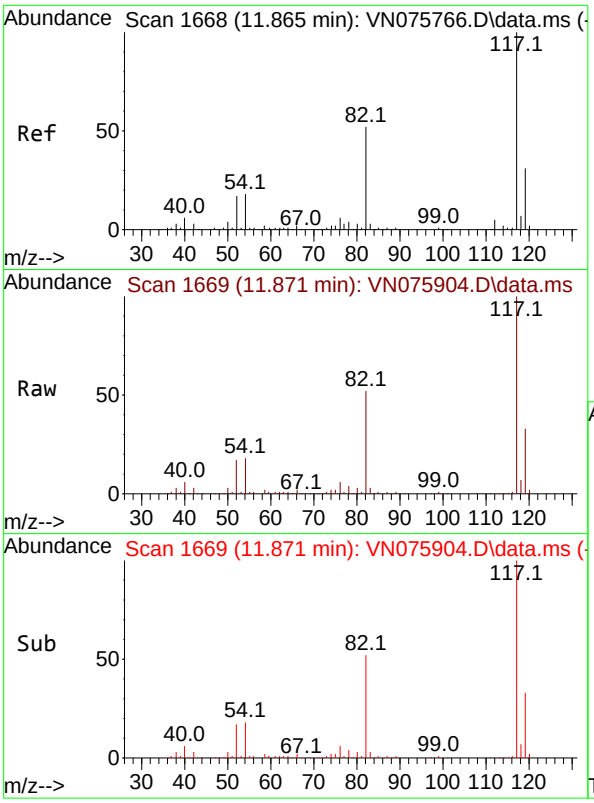


#62
4-Bromofluorobenzene
Concen: 47.336 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 95 Resp: 219477

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	171.6
176	84.8	0.0	169.2



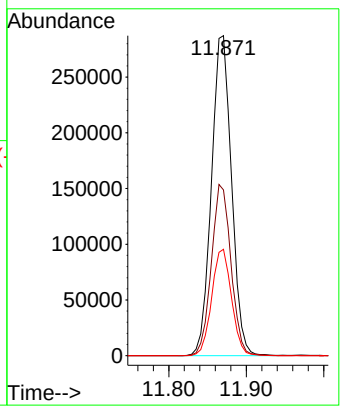


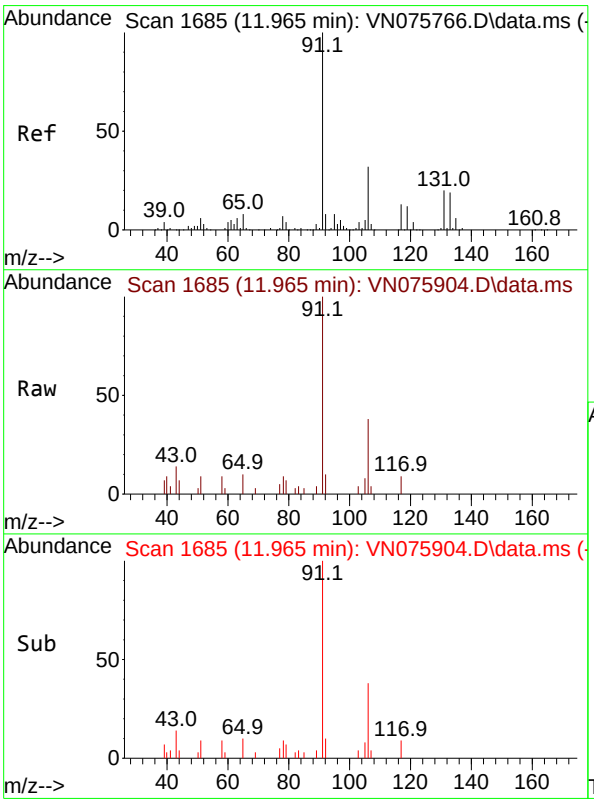
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:117 Resp: 516574

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.3	61.9
119	33.2	24.6	37.0

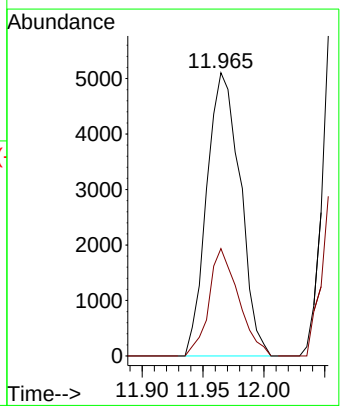


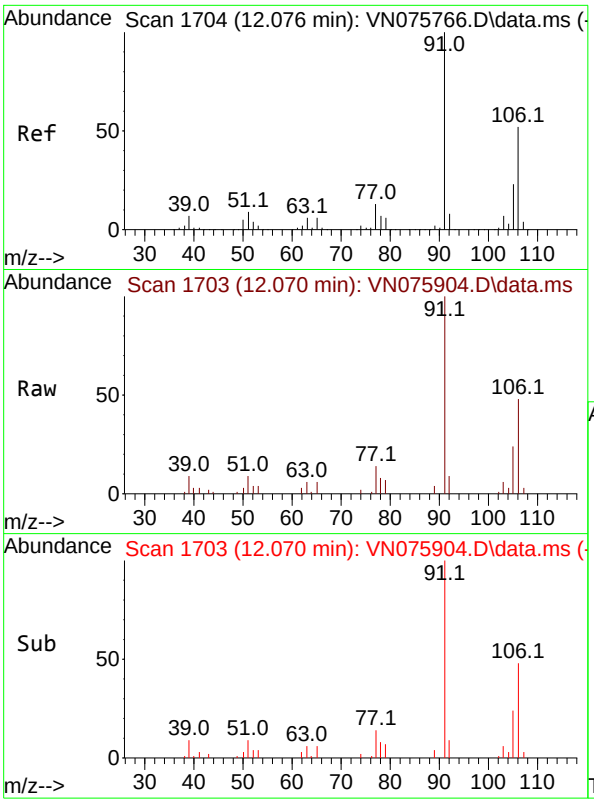


#67
Ethyl Benzene
Concen: 0.545 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion: 91 Resp: 9759

Ion	Ratio	Lower	Upper
91	100		
106	37.9	25.7	38.5



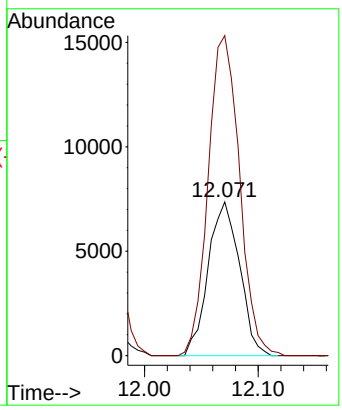


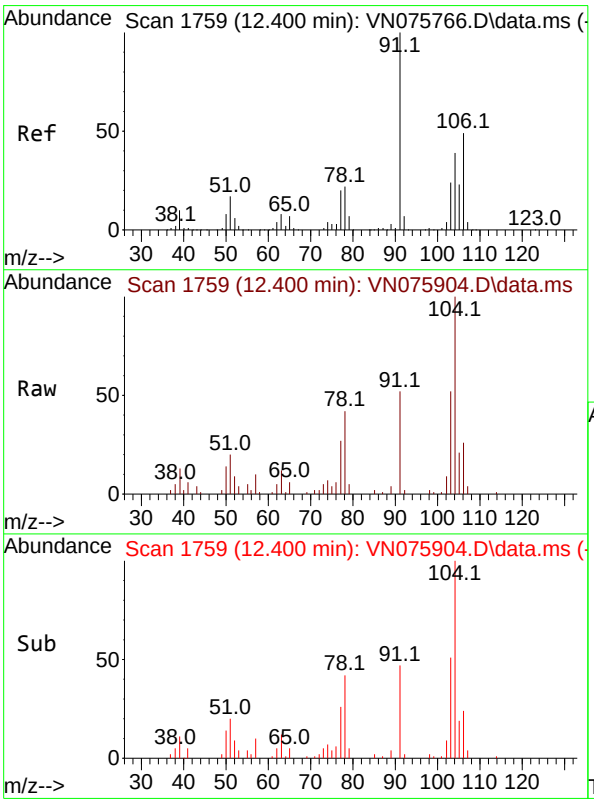
#68
m/p-Xylenes
Concen: 1.997 ug/l
RT: 12.070 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:106 Resp: 14145

Ion	Ratio	Lower	Upper
106	100		
91	207.7	156.6	235.0

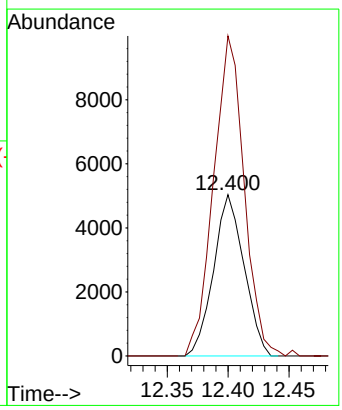


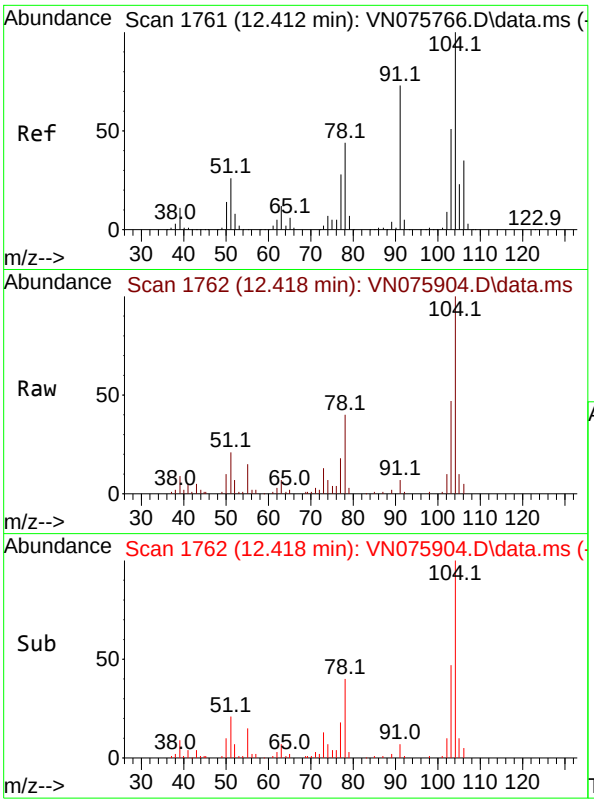


#69
o-Xylene
Concen: 1.254 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion:106 Resp: 8787

Ion	Ratio	Lower	Upper
106	100		
91	198.6	103.8	311.6



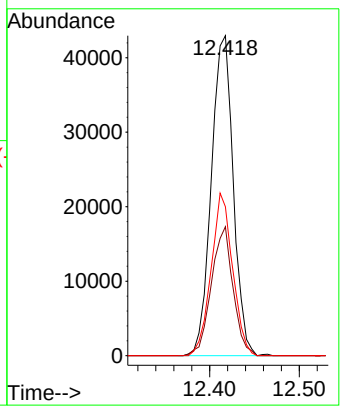


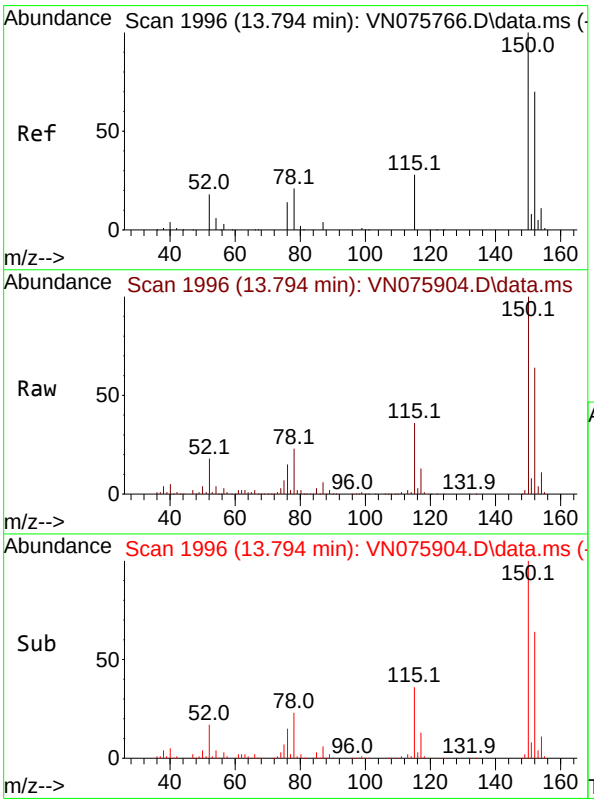
#70
Styrene
Concen: 6.543 ug/l
RT: 12.418 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:104 Resp: 72917

Ion	Ratio	Lower	Upper
104	100		
78	39.9	37.5	56.3
103	49.7	43.5	65.3

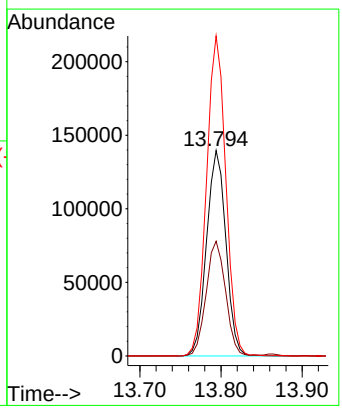


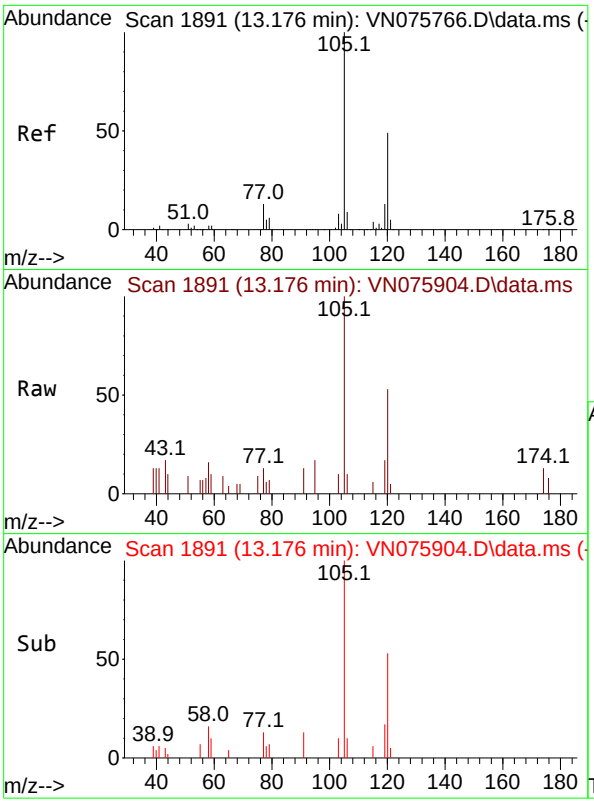


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion:152 Resp: 230793

Ion	Ratio	Lower	Upper
152	100		
115	56.2	29.1	87.4
150	155.1	0.0	347.0



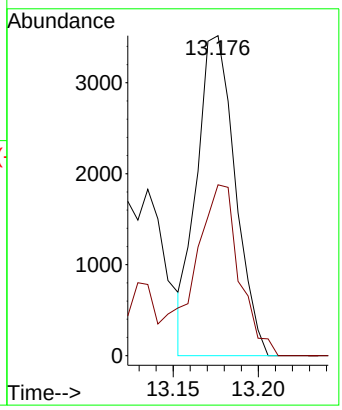


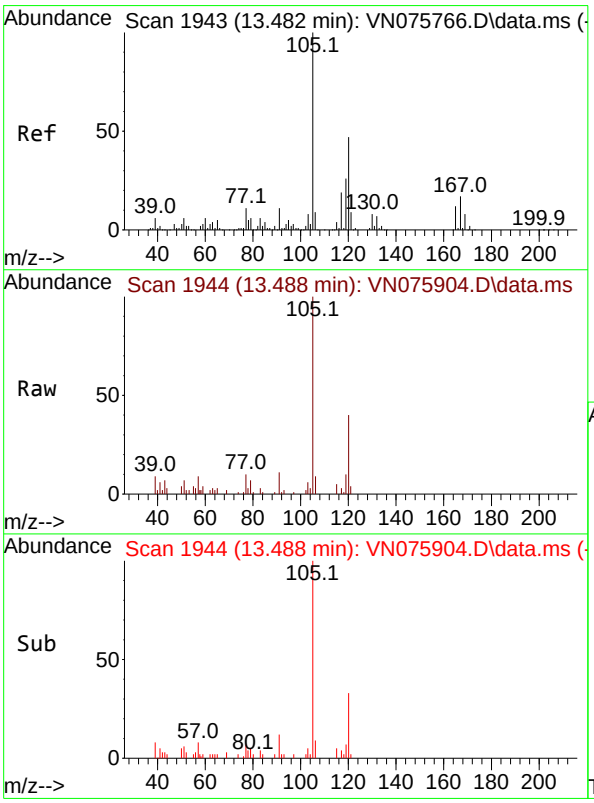
#80
1,3,5-Trimethylbenzene
Concen: 0.396 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:105 Resp: 5530

Ion	Ratio	Lower	Upper
105	100		
120	60.0	24.7	74.1

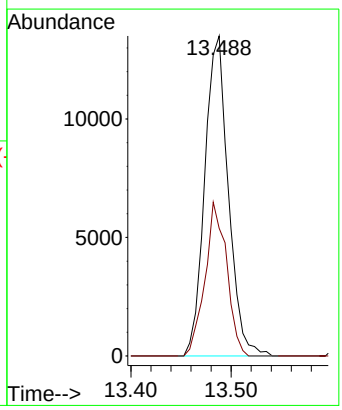


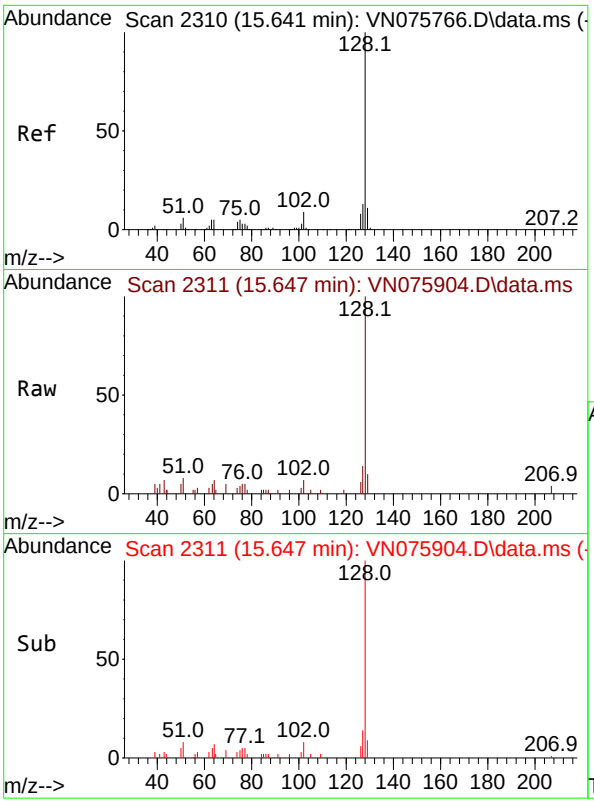


#84
1,2,4-Trimethylbenzene
Concen: 1.596 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Tgt Ion:105 Resp: 22098

Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.3	69.8





#95
Naphthalene
Concen: 3.567 ug/l
RT: 15.647 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN075904.D
Acq: 20 Dec 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
CLI-0667

Tgt Ion:128 Resp: 18250

Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.4	15.6#
129	13.5	8.7	13.1#