Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
Data File : VN071107.D
Acq On : 28 Feb 2022 20:20
Operator : JC\MD
Sample : N1689-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Quant Time: Mar 01 04:24:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	990923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1569395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1387196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	513535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	594607	52.530	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.060%			
35) Dibromofluoromethane	8.016	113	461050	49.391	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.780%			
50) Toluene-d8	10.439	98	1904088	50.792	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.727	95	658092	49.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.220%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.363	59	28876	13.998	ug/l #	91
16) Acetone	4.287	43	70242	11.268	ug/l	92
25) 2-Butanone	7.328	43	6132	0.739	ug/l #	78
31) Cyclohexane	8.092	56	116878	5.970	ug/l #	88
39) Methylcyclohexane	9.451	83	37703	1.916	ug/l #	86
40) Benzene	8.457	78	234030	5.173	ug/l	98
67) Ethyl Benzene	11.839	91	111126	2.124	ug/l	98
68) m/p-Xylenes	11.957	106	28892	1.430	ug/l	98
69) o-Xylene	12.274	106	4572	0.232	ug/l	97
73) Isopropylbenzene	12.574	105	26468	0.640	ug/l	100
78) n-propylbenzene	12.916	91	28765	0.619	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	178080	5.402	ug/l	100
85) sec-Butylbenzene	13.492	105	11494	0.275	ug/l #	67
95) Naphthalene	15.504	128	20306	5.786	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
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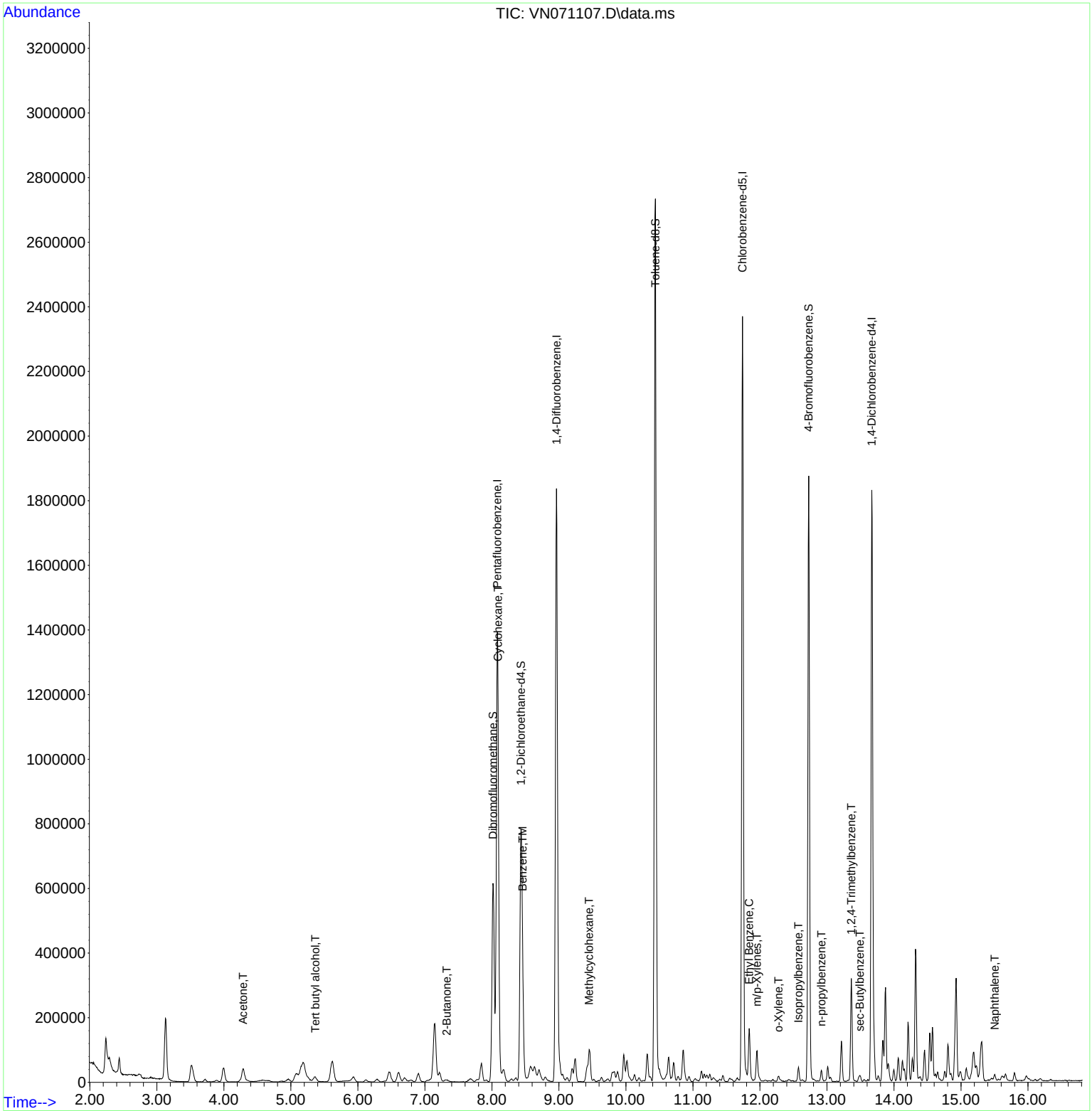
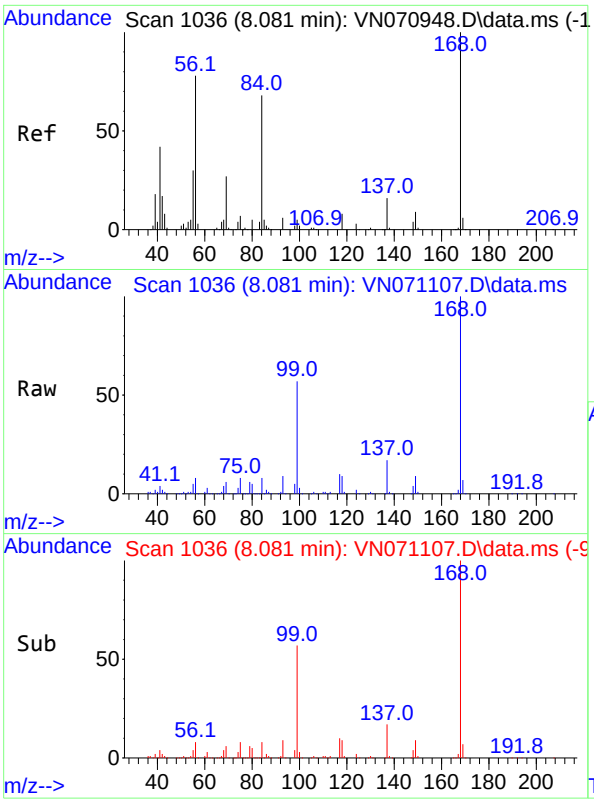


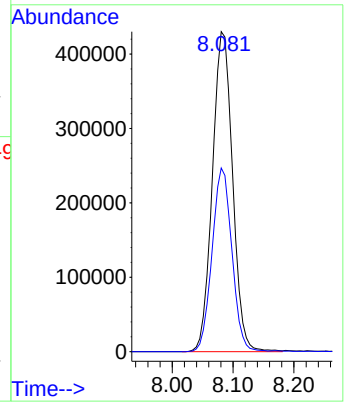


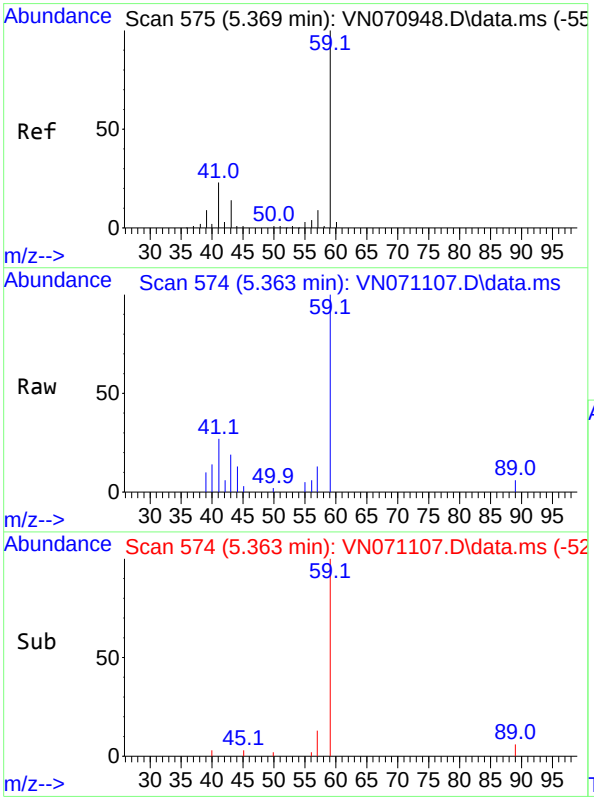
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:168 Resp: 990923

Ion	Ratio	Lower	Upper
168	100		
99	57.4	41.3	61.9

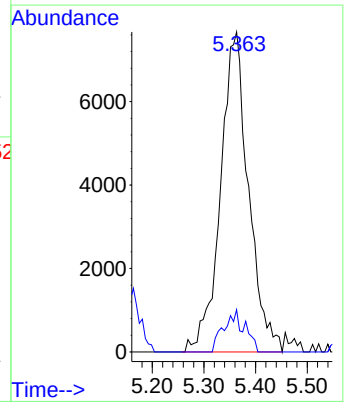


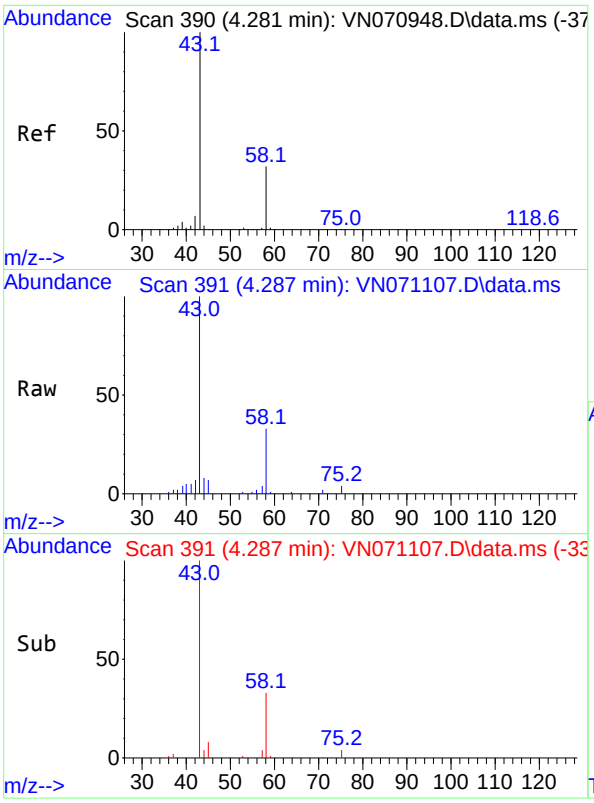


#11
Tert butyl alcohol
Concen: 13.998 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 59 Resp: 28876

Ion	Ratio	Lower	Upper
59	100		
57	7.5	8.7	13.1#



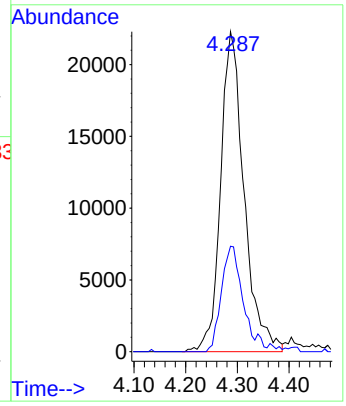


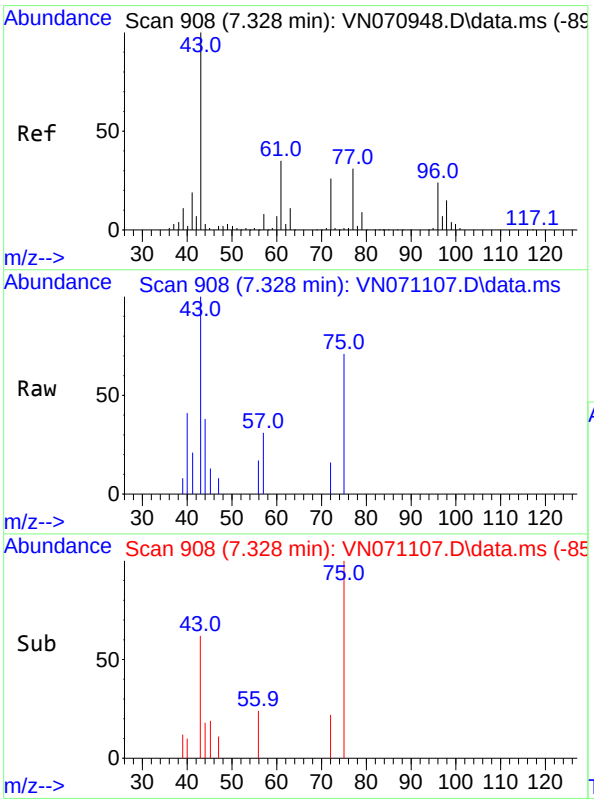
#16
Acetone
Concen: 11.268 ug/l
RT: 4.287 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 43 Resp: 70242

Ion	Ratio	Lower	Upper
43	100		
58	33.0	23.1	34.7

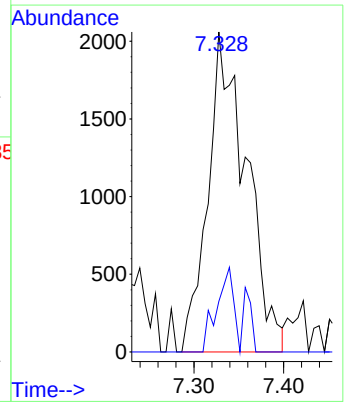


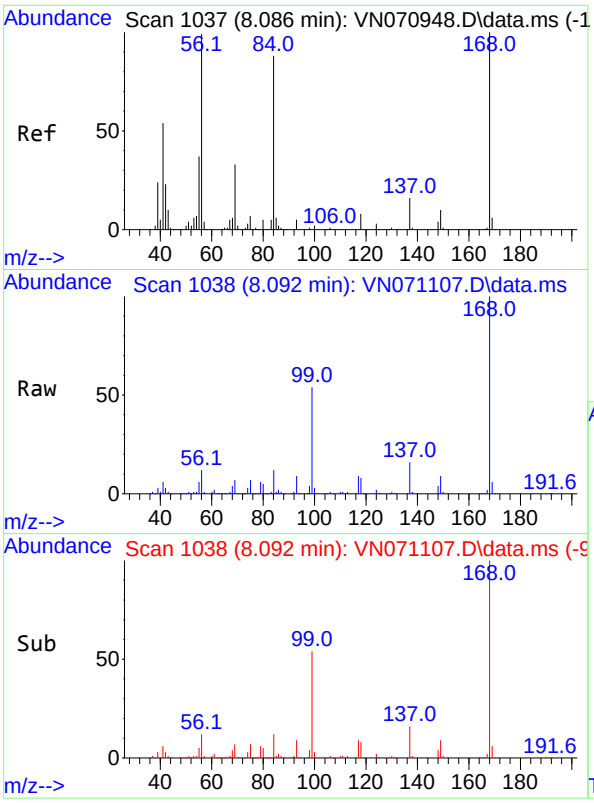


#25
2-Butanone
Concen: 0.739 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 43 Resp: 6132

Ion	Ratio	Lower	Upper
43	100		
72	15.8	21.7	32.5#



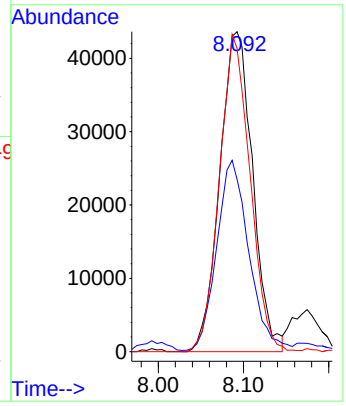


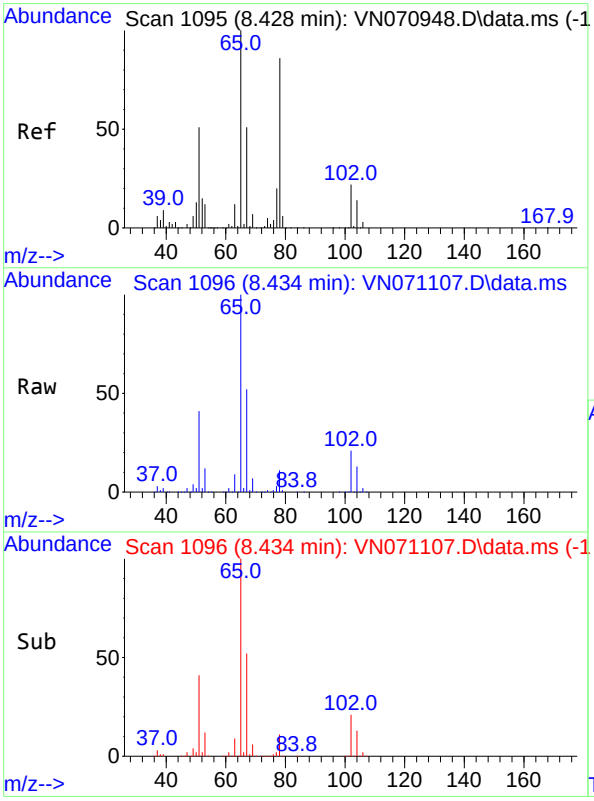
#31
Cyclohexane
Concen: 5.970 ug/l
RT: 8.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 56 Resp: 116878

Ion	Ratio	Lower	Upper
56	100		
69	53.5	27.1	40.7#
84	94.7	73.4	110.0

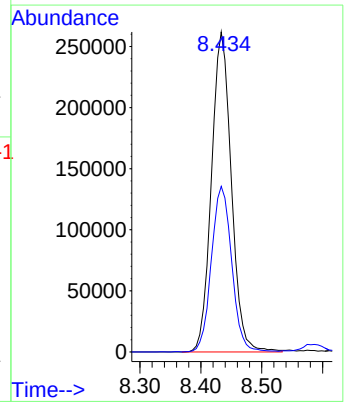


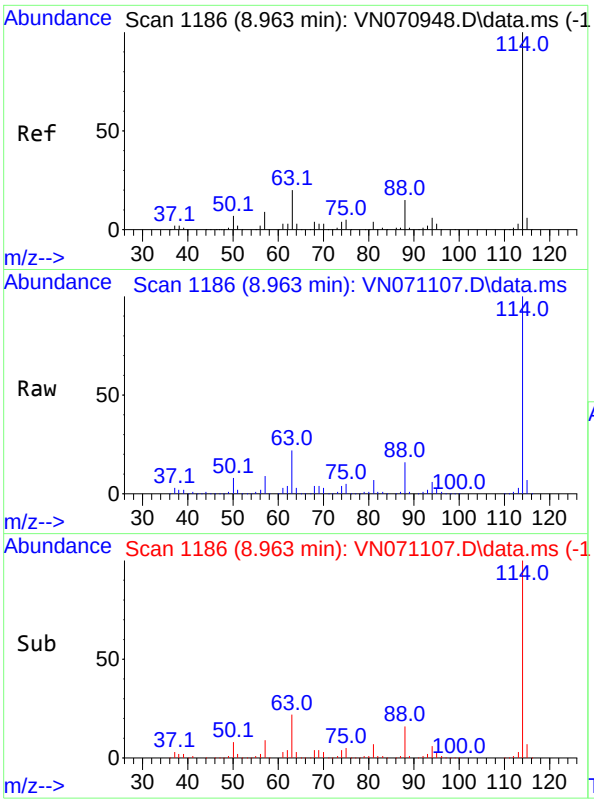


#33
1,2-Dichloroethane-d4
Concen: 52.530 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 65 Resp: 594607

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0



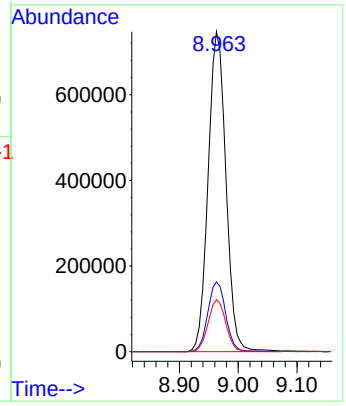


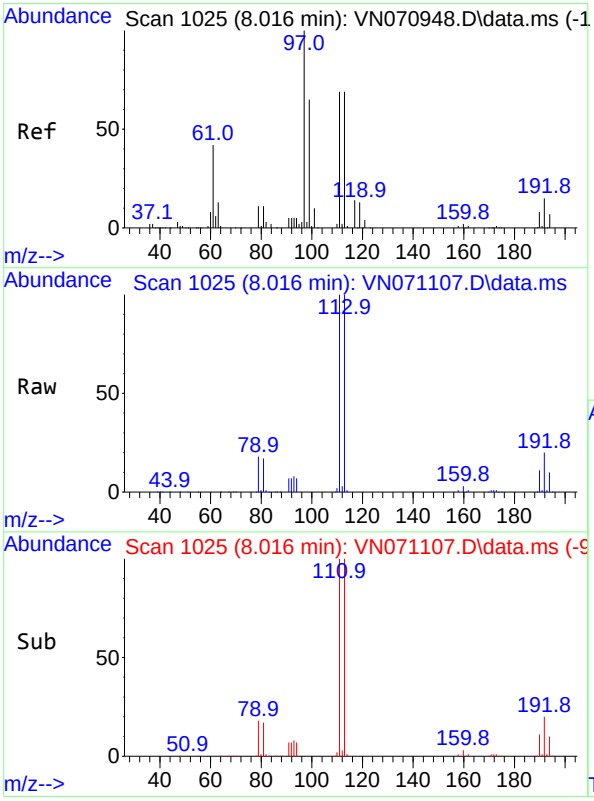
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:114 Resp: 1569395

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	37.8
88	16.3	0.0	27.4

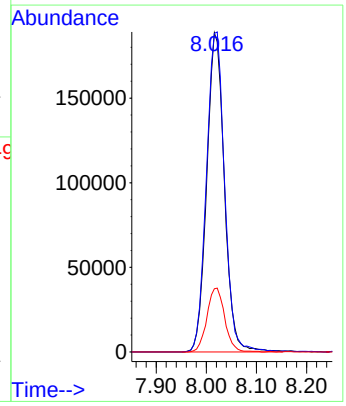


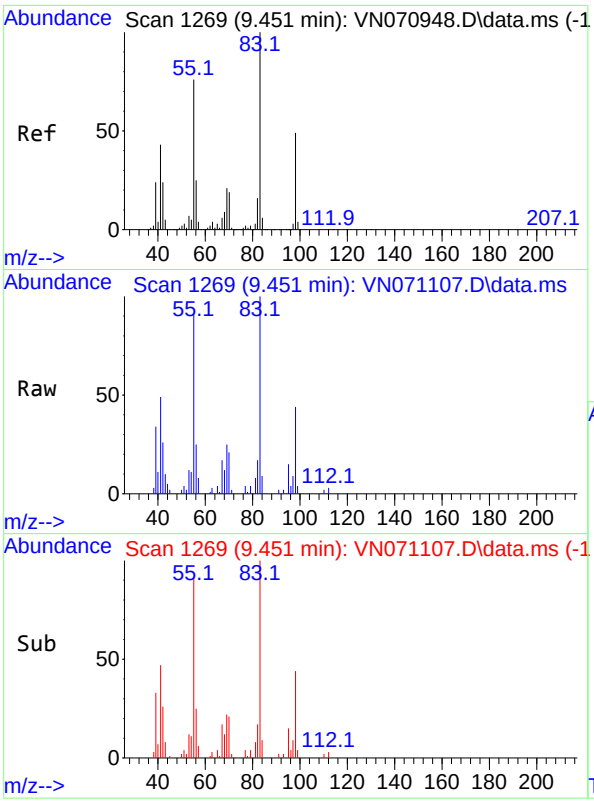


#35
Dibromofluoromethane
Concen: 49.391 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion:113 Resp: 461050

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	20.2	16.9	25.3



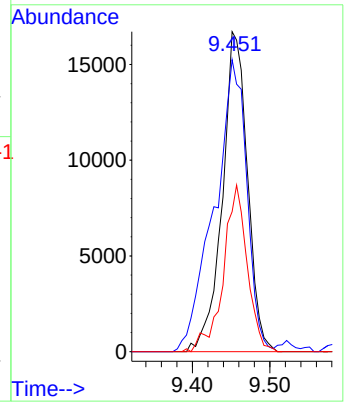


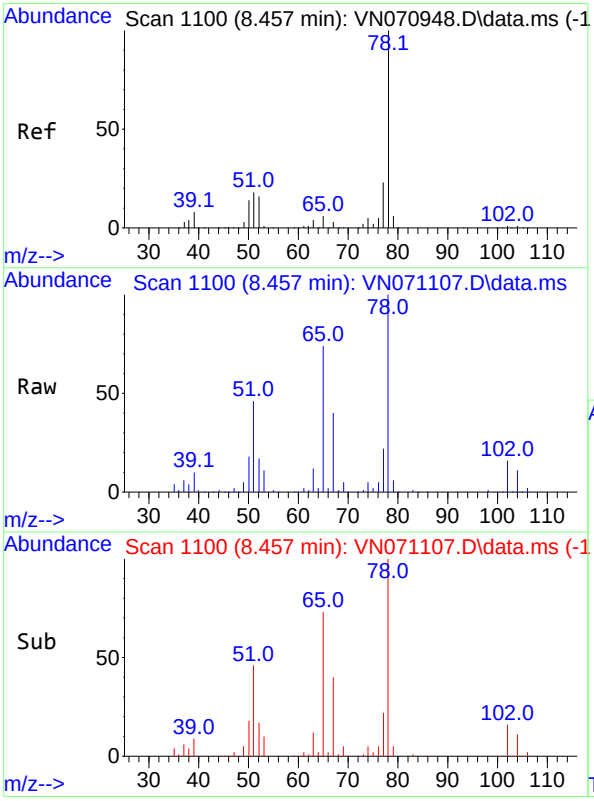
#39
Methylcyclohexane
Concen: 1.916 ug/l
RT: 9.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 83 Resp: 37703

Ion	Ratio	Lower	Upper
83	100		
55	89.1	58.1	87.1#
98	43.8	38.4	57.6

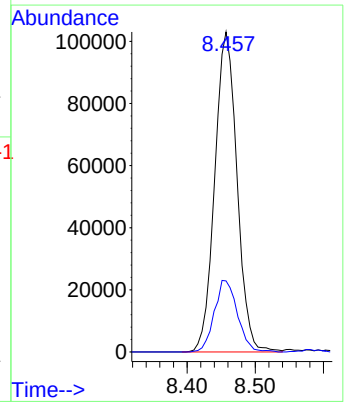


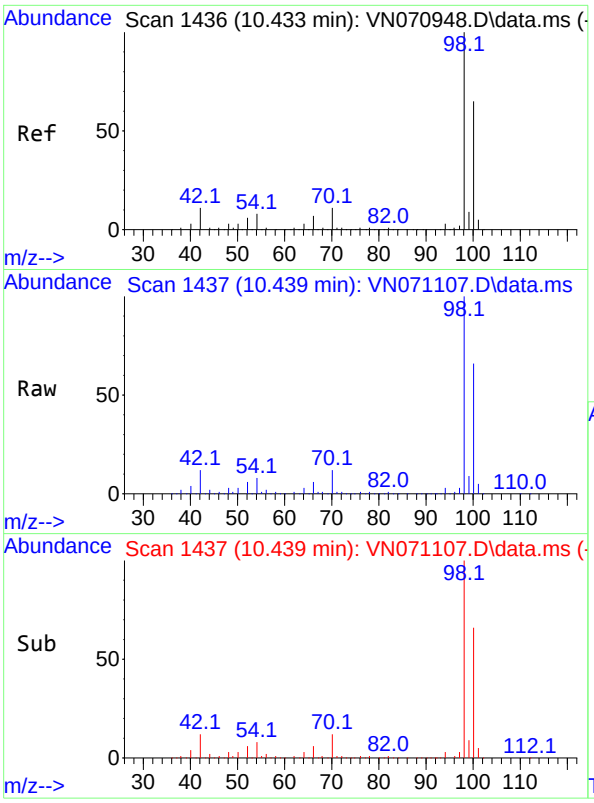


#40
Benzene
Concen: 5.173 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 78 Resp: 234030

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.6	27.8



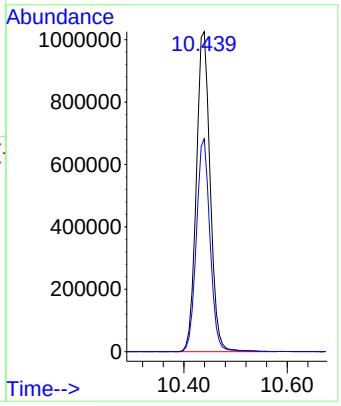


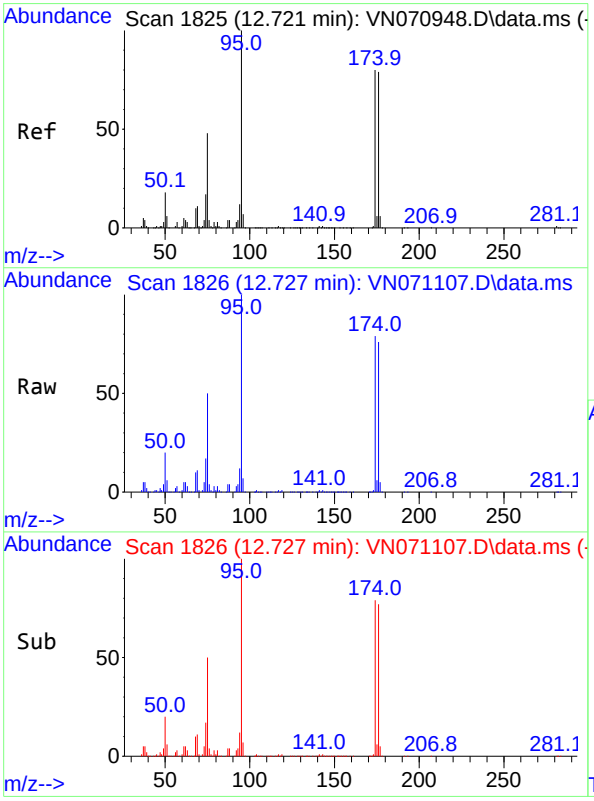
#50
Toluene-d8
Concen: 50.792 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 98 Resp: 1904088

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.4	75.6

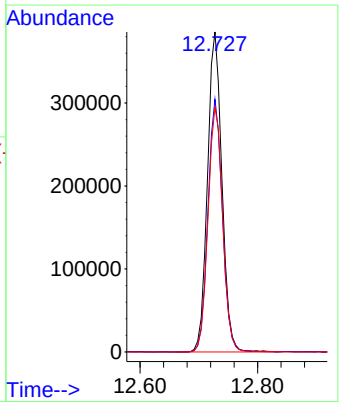


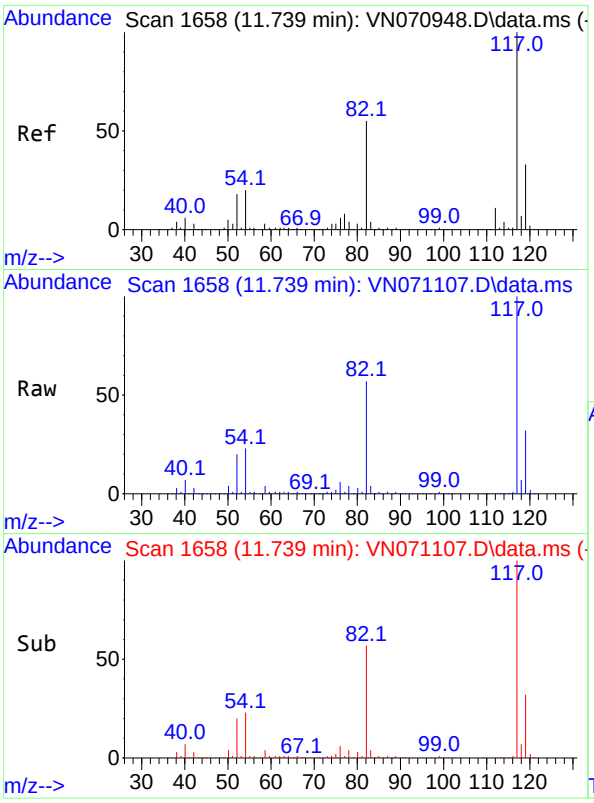


#62
4-Bromofluorobenzene
Concen: 49.112 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 95 Resp: 658092

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	187.2
176	77.3	0.0	181.4



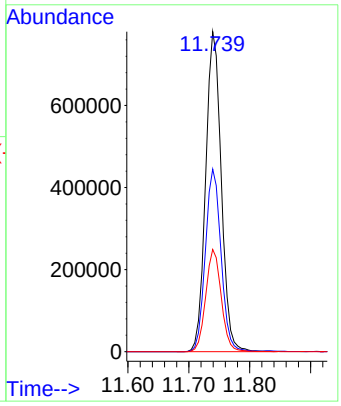


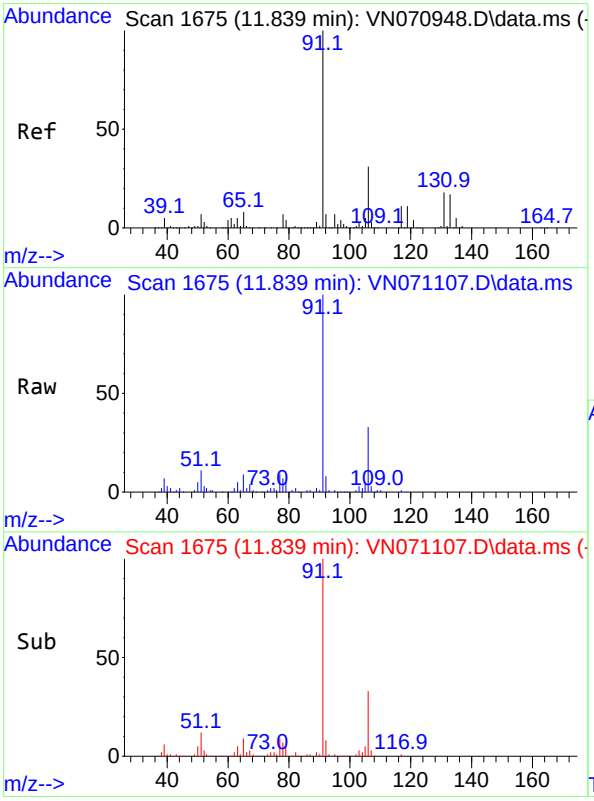
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:117 Resp: 1387196

Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	31.9	25.4	38.2

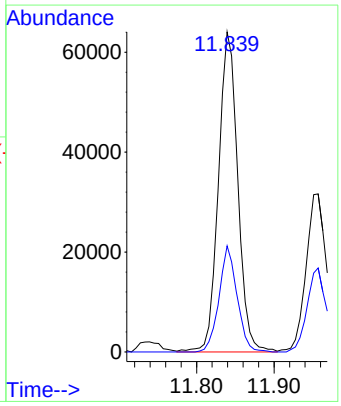


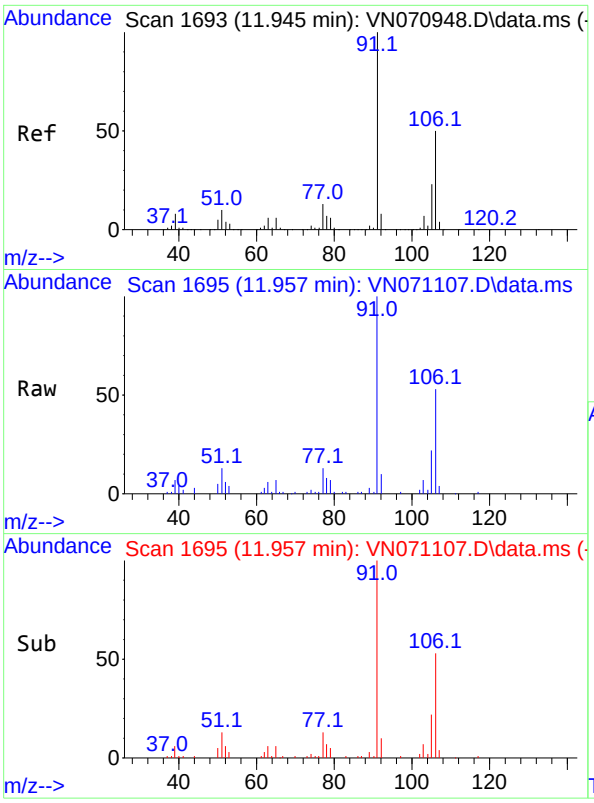


#67
Ethyl Benzene
Concen: 2.124 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion: 91 Resp: 111126

Ion	Ratio	Lower	Upper
91	100		
106	33.2	25.7	38.5



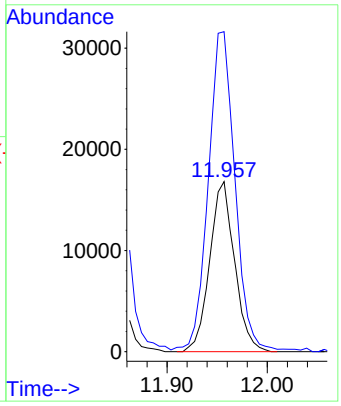


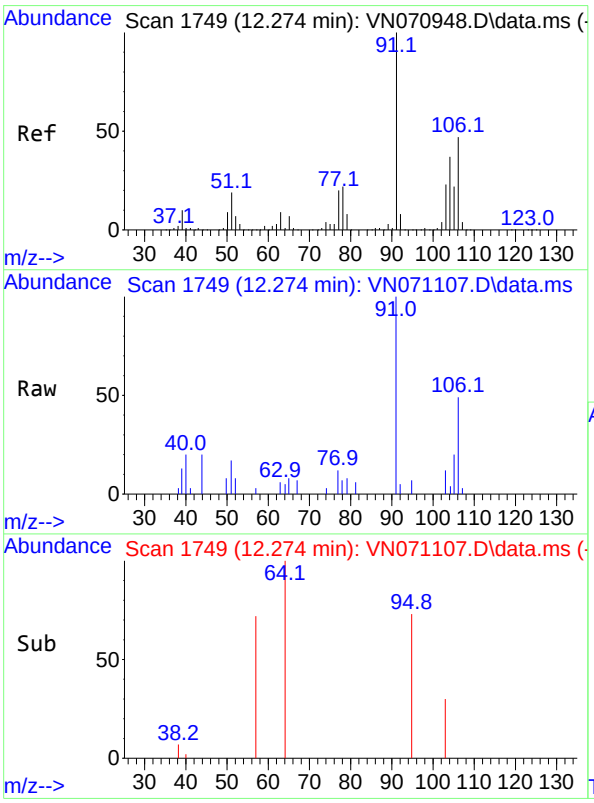
#68
m/p-Xylenes
Concen: 1.430 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:106 Resp: 28892

Ion	Ratio	Lower	Upper
106	100		
91	203.6	160.6	240.8

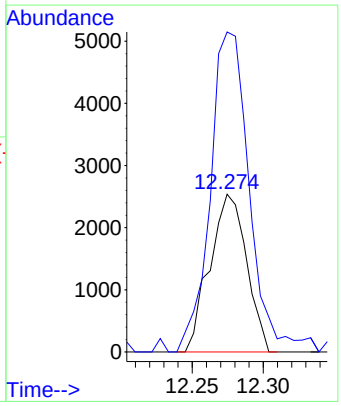


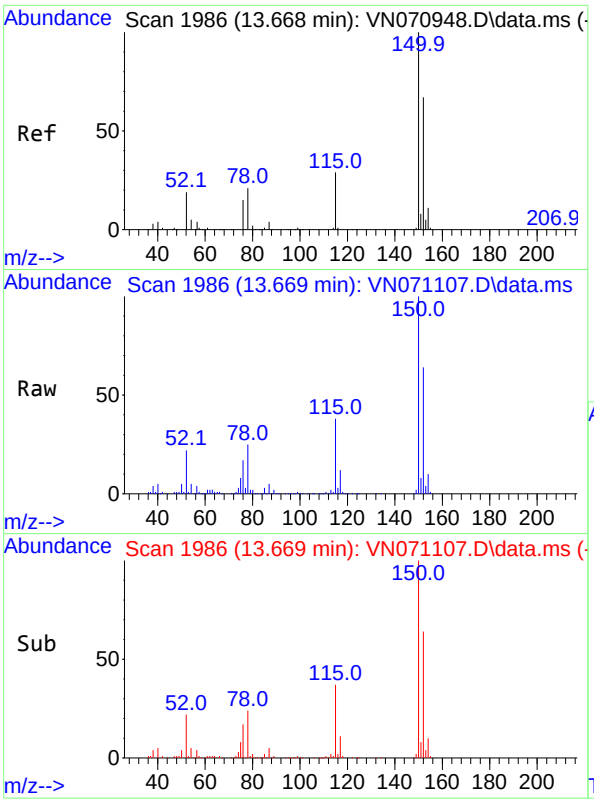


#69
o-Xylene
Concen: 0.232 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion:106 Resp: 4572

Ion	Ratio	Lower	Upper
106	100		
91	216.0	105.8	317.3



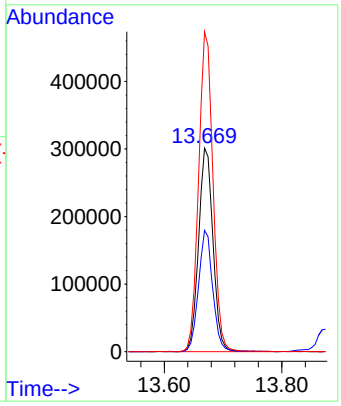


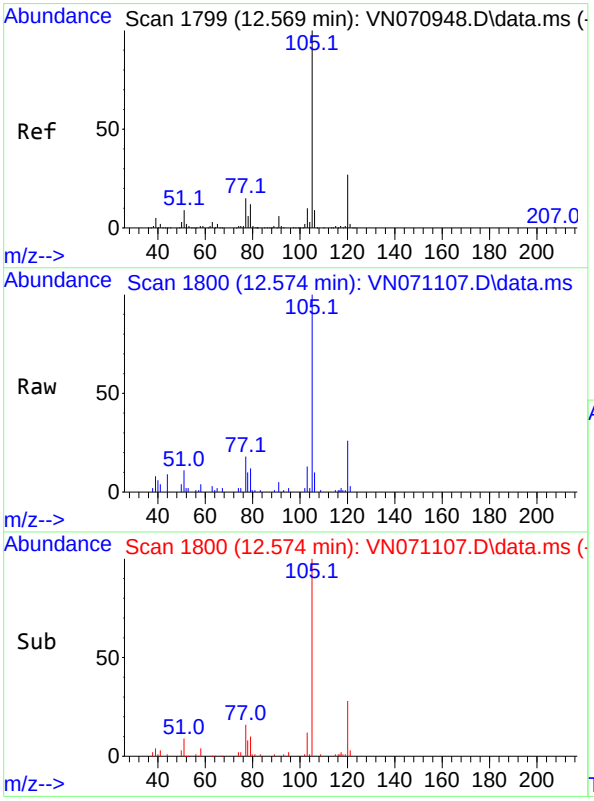
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:152 Resp: 513535

Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.5	82.5
150	156.5	0.0	344.4

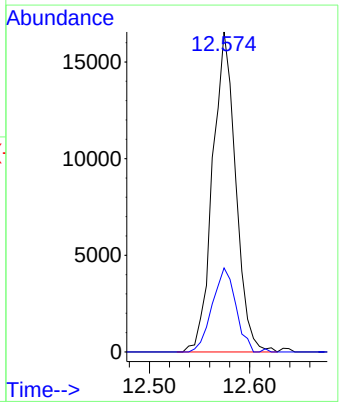


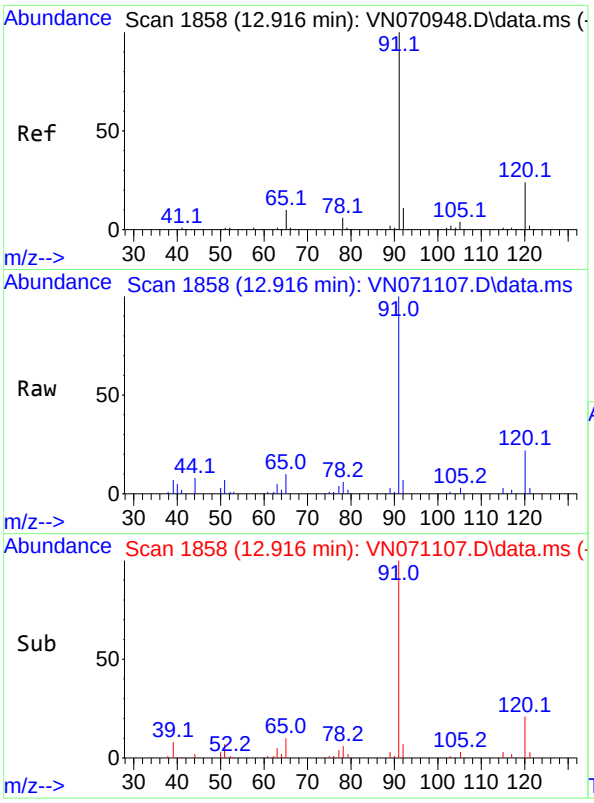


#73
Isopropylbenzene
Concen: 0.640 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion:105 Resp: 26468

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.1



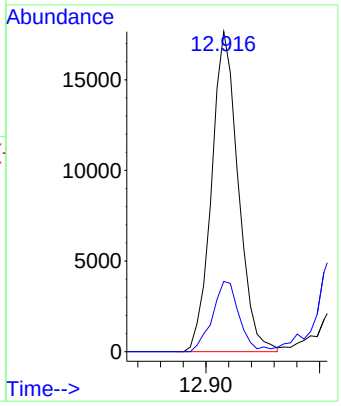


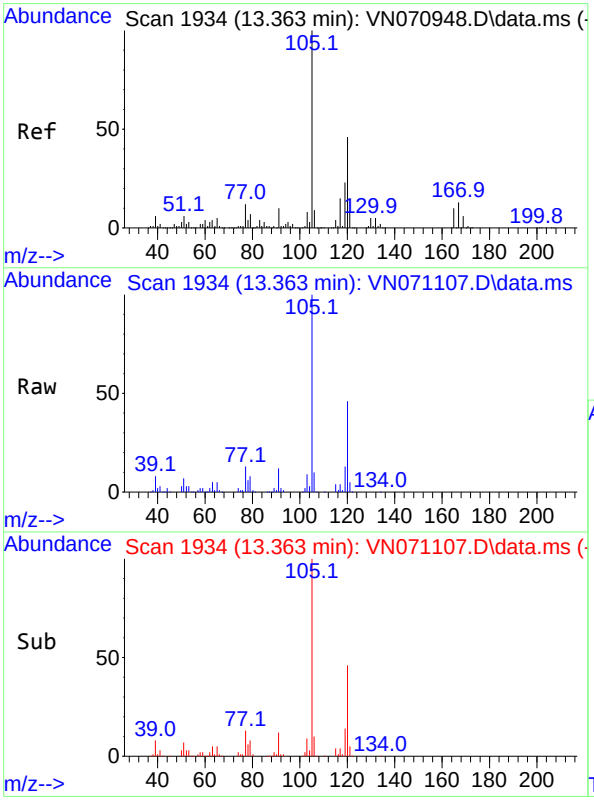
#78
n-propylbenzene
Concen: 0.619 ug/l
RT: 12.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion: 91 Resp: 28765

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.9	35.9

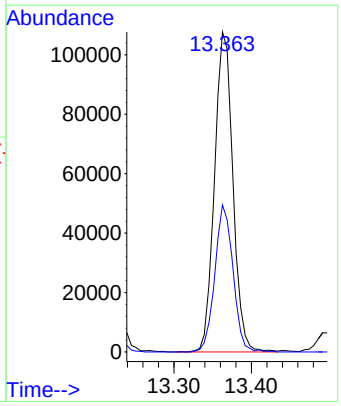


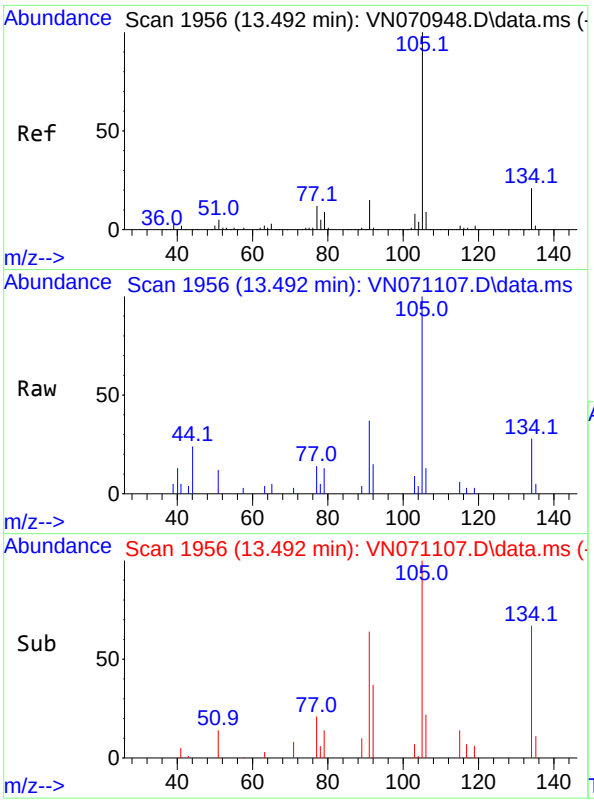


#84
1,2,4-Trimethylbenzene
Concen: 5.402 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion:105 Resp: 178080

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.4



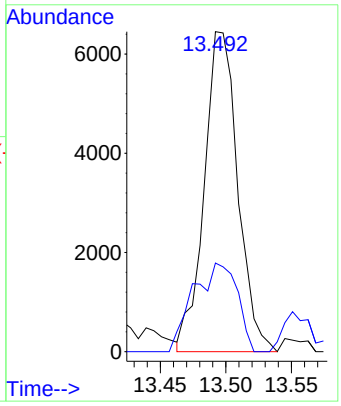


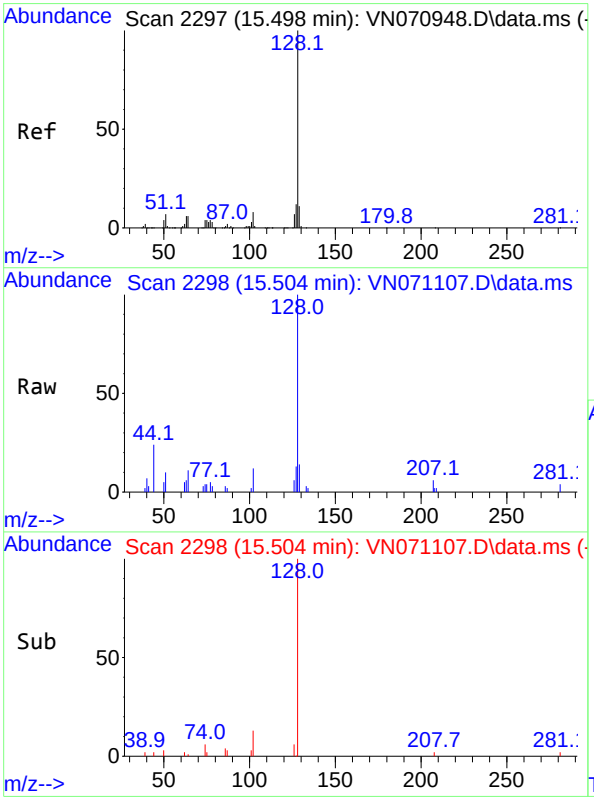
#85
sec-Butylbenzene
Concen: 0.275 ug/l
RT: 13.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
MW-43

Tgt Ion:105 Resp: 11494

Ion	Ratio	Lower	Upper
105	100		
134	36.2	10.4	31.1#





#95
Naphthalene
Concen: 5.786 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071107.D
Acq: 28 Feb 2022 20:20

Tgt Ion:128 Resp: 20306

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	11.1	8.7	13.1