Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
Data File : VN070964.D
Acq On : 16 Feb 2022 17:27
Operator : JC\MD
Sample : N1573-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Quant Time: Feb 17 04:12:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	996940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1522413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1356824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	526143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	552088	48.479	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.960%		
35) Dibromofluoromethane	8.022	113	451887	49.903	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.800%		
50) Toluene-d8	10.439	98	1795494	49.374	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.740%		
62) 4-Bromofluorobenzene	12.727	95	590233	45.408	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.820%		
Target Compounds						Qvalue
16) Acetone	4.287	43	50321	8.023	ug/l	94
31) Cyclohexane	8.086	56	139084	7.062	ug/l #	91
37) Ethyl Acetate	7.416	43	56609	3.558	ug/l	98
39) Methylcyclohexane	9.451	83	17646	0.924	ug/l #	86
52) Toluene	10.504	92	9575	0.347	ug/l	100
68) m/p-Xylenes	11.945	106	12119	0.613	ug/l	99
73) Isopropylbenzene	12.574	105	69521	1.642	ug/l	98
78) n-propylbenzene	12.915	91	76927	1.617	ug/l	99
95) Naphthalene	15.504	128	22989	5.869	ug/l	99

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

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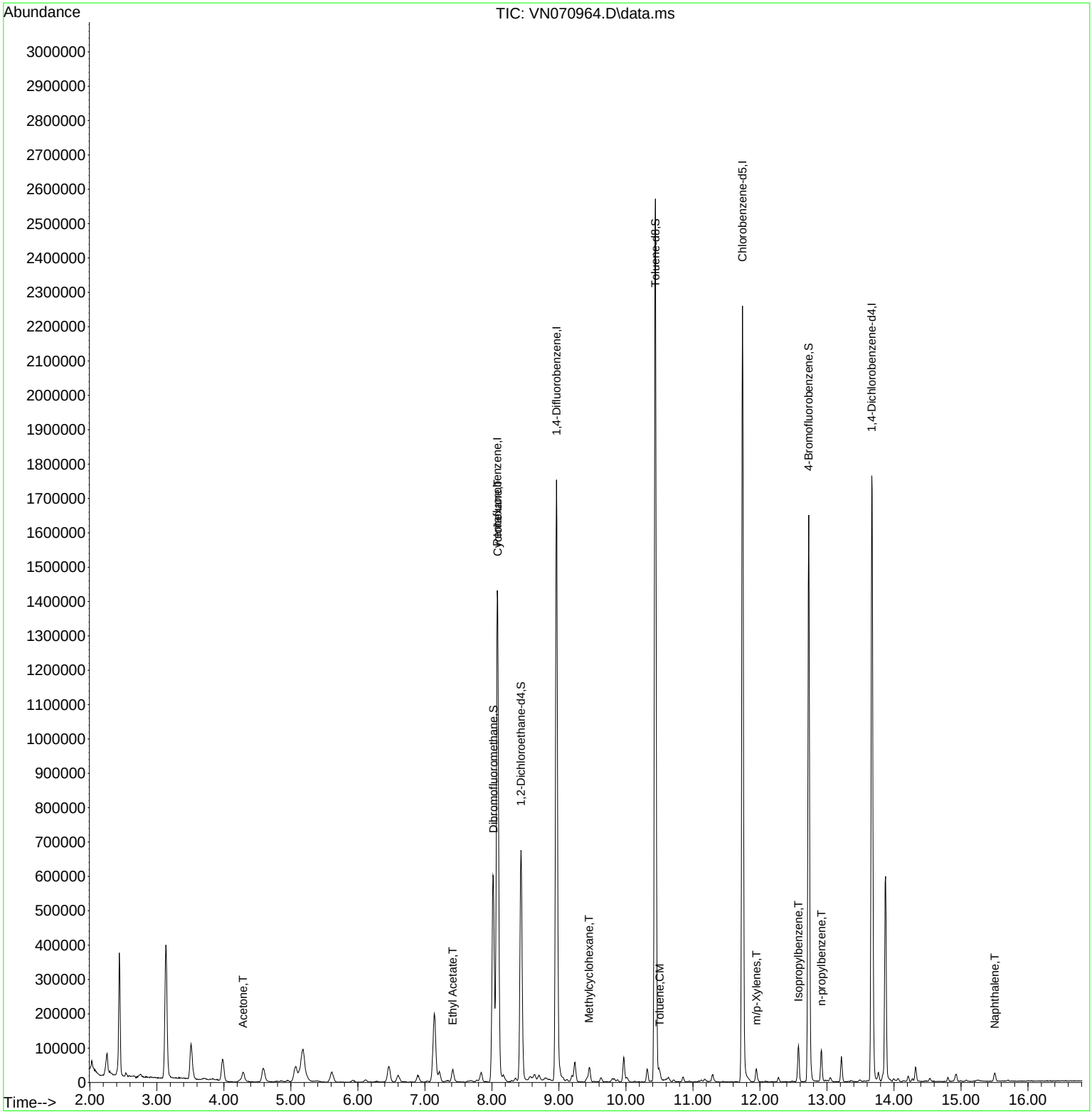
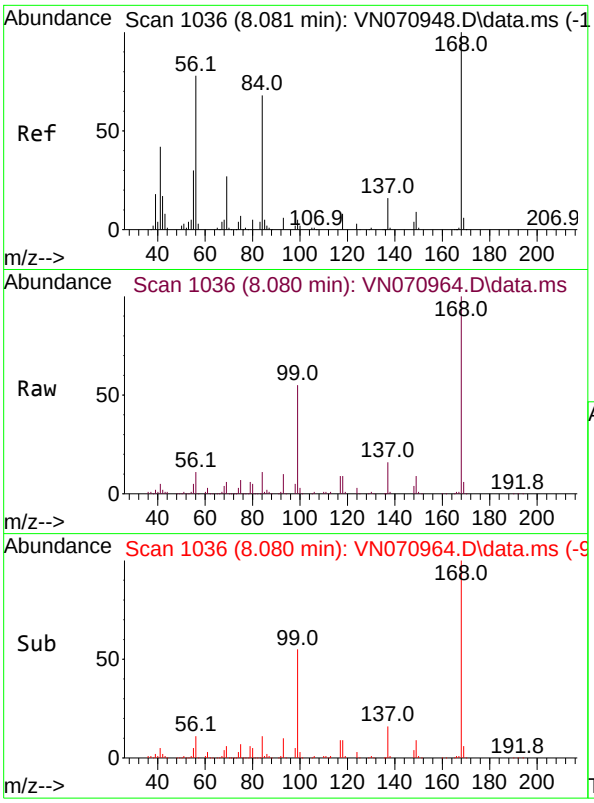


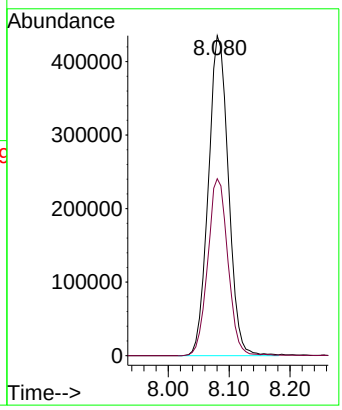


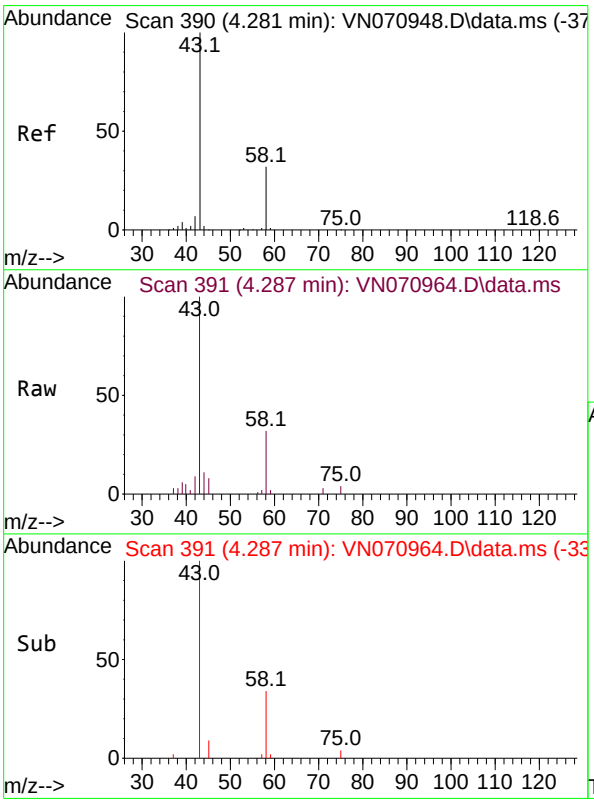
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:168 Resp: 996940

Ion	Ratio	Lower	Upper
168	100		
99	55.3	41.3	61.9

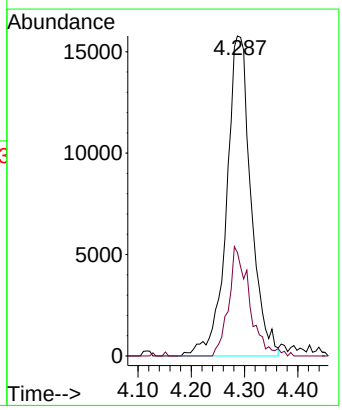


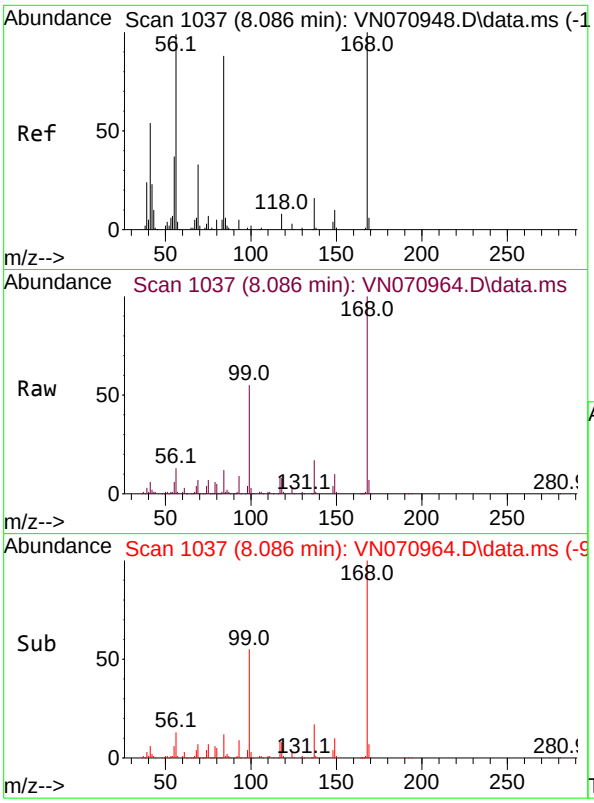


#16
Acetone
Concen: 8.023 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion: 43 Resp: 50321

Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.1	34.7



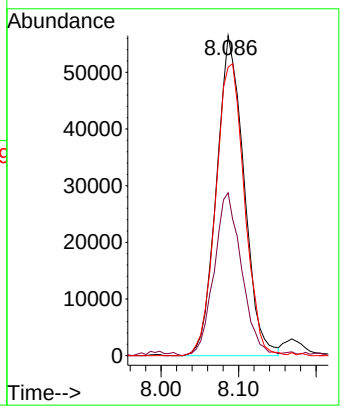


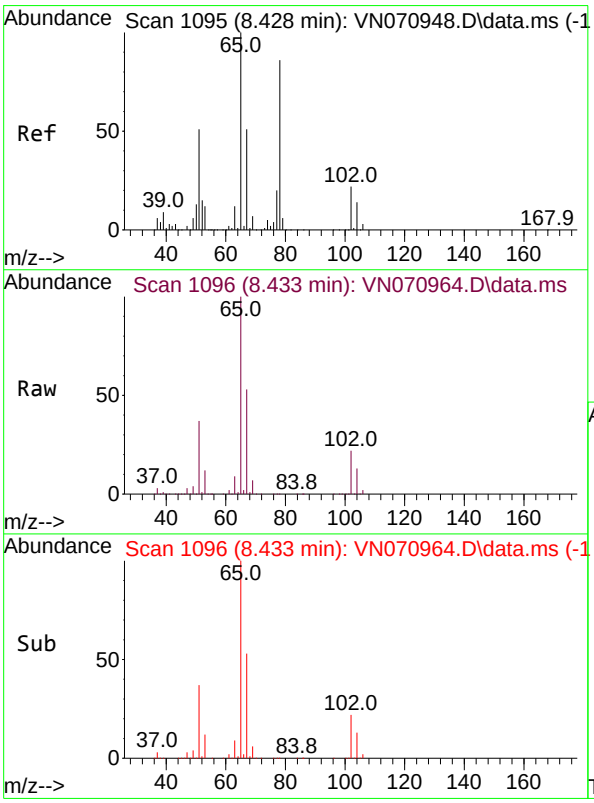
#31
Cyclohexane
Concen: 7.062 ug/l
RT: 8.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion: 56 Resp: 139084

Ion	Ratio	Lower	Upper
56	100		
69	50.6	27.1	40.7#
84	90.1	73.4	110.0

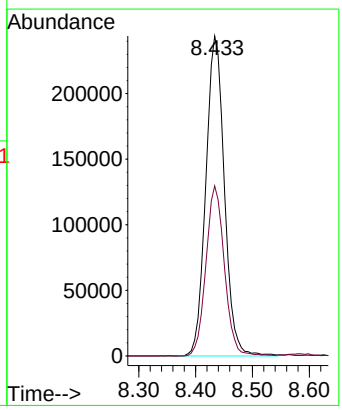


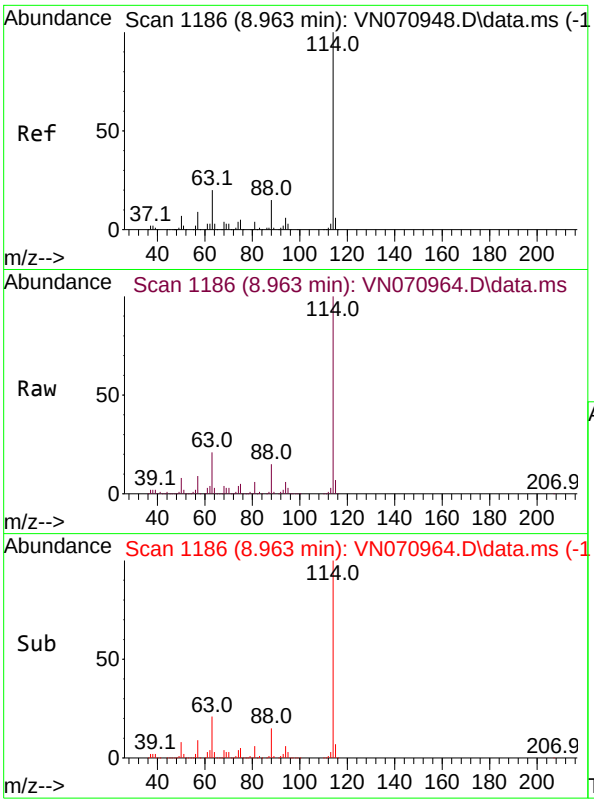


#33
1,2-Dichloroethane-d4
Concen: 48.479 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion: 65 Resp: 552088

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0



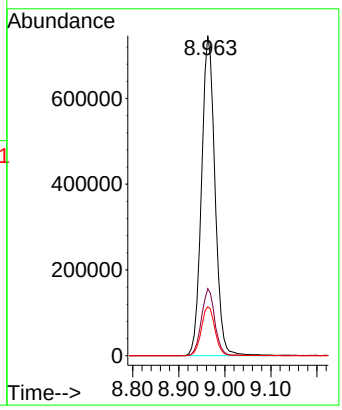


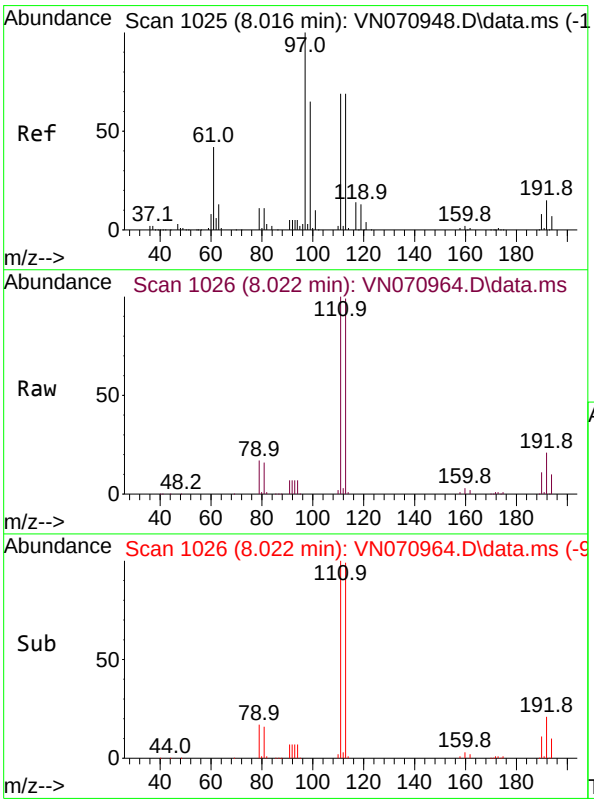
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:114 Resp: 1522413

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	37.8
88	15.3	0.0	27.4

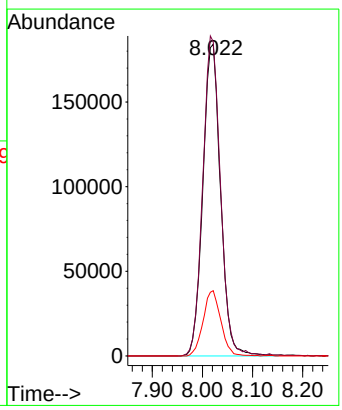


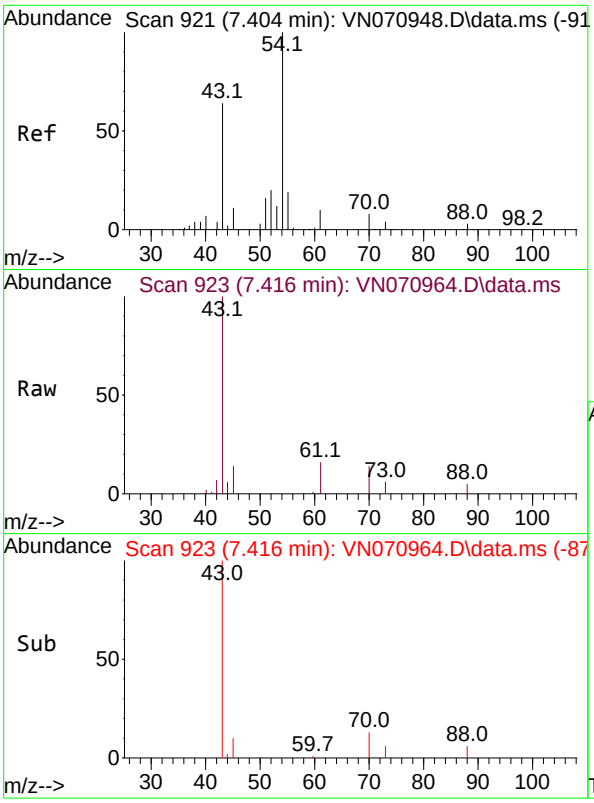


#35
Dibromofluoromethane
Concen: 49.903 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion:113 Resp: 451887

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	21.0	16.9	25.3



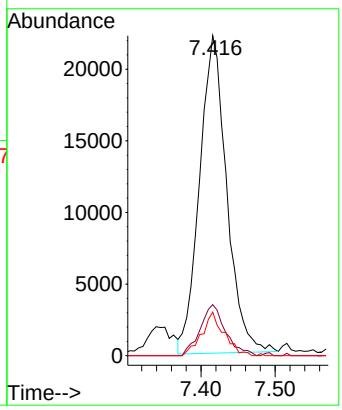


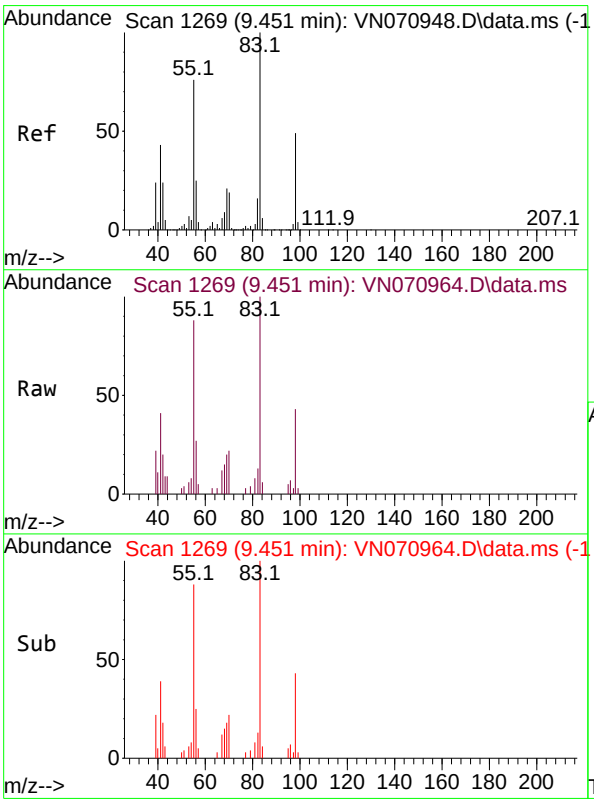
#37
Ethyl Acetate
Concen: 3.558 ug/l
RT: 7.416 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion: 43 Resp: 56609

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	11.2	7.9	11.9

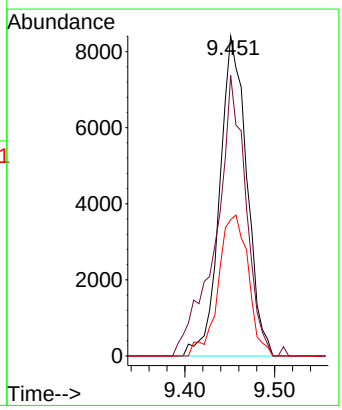


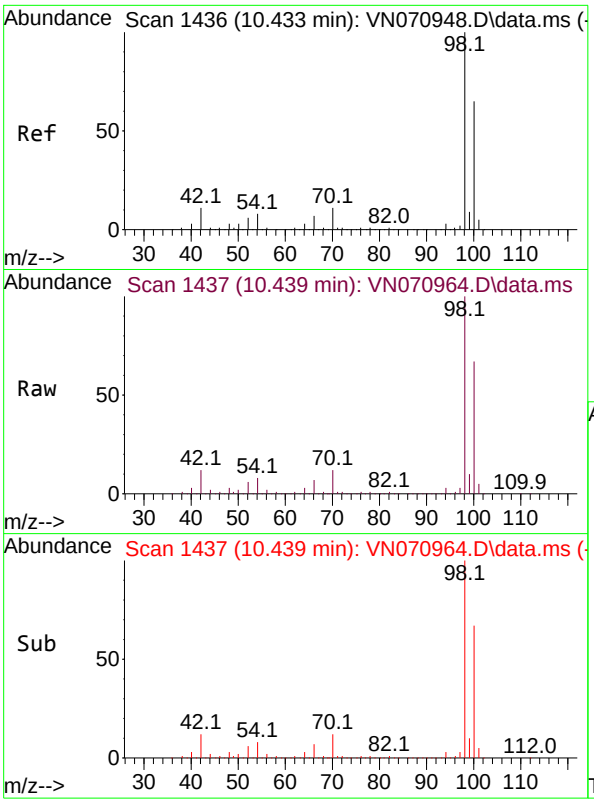


#39
Methylcyclohexane
Concen: 0.924 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion: 83 Resp: 17646

Ion	Ratio	Lower	Upper
83	100		
55	87.6	58.1	87.1#
98	42.6	38.4	57.6



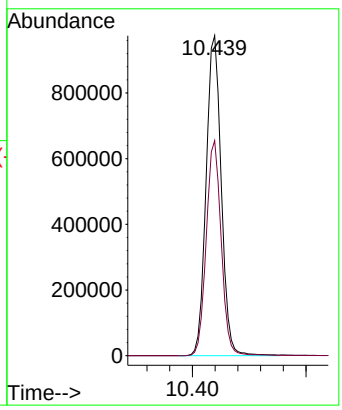


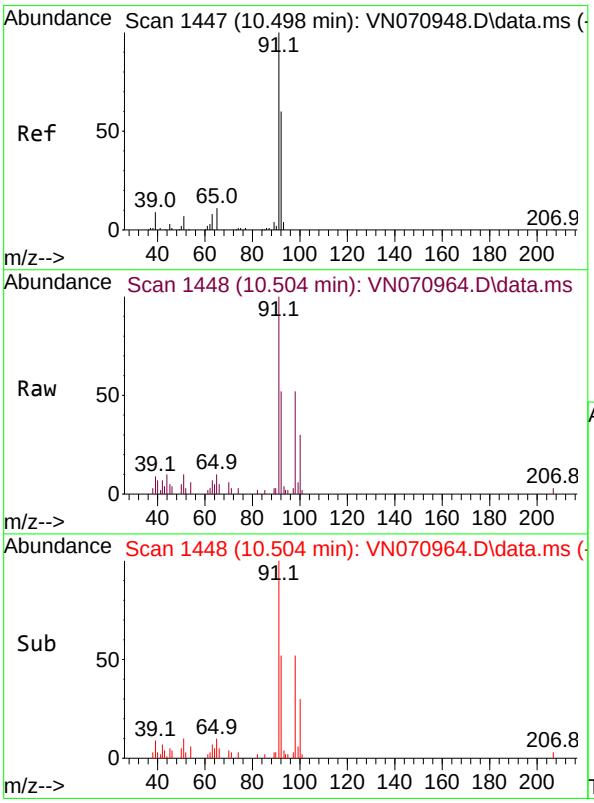
#50
Toluene-d8
Concen: 49.374 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion: 98 Resp: 1795494

Ion	Ratio	Lower	Upper
98	100		
100	66.3	50.4	75.6

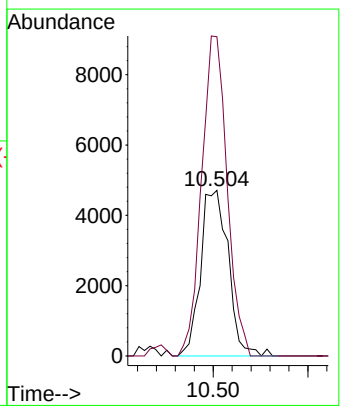


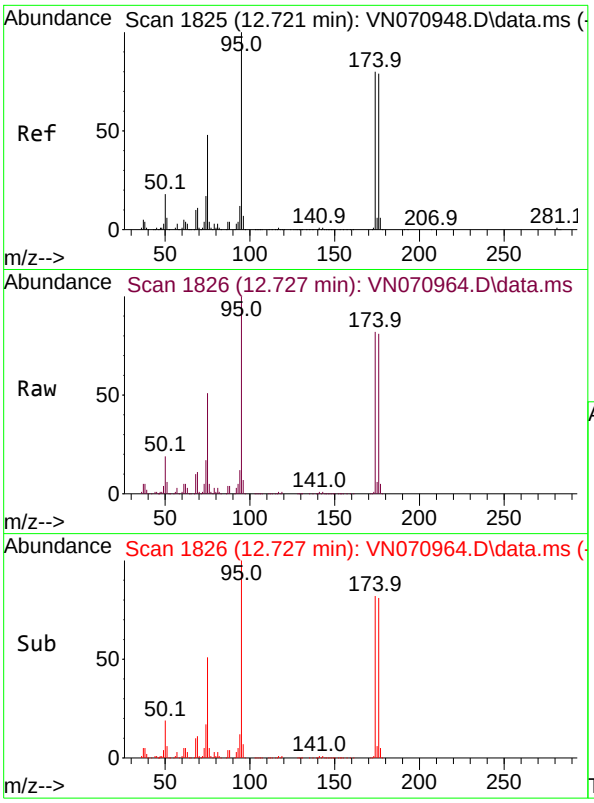


#52
Toluene
Concen: 0.347 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion: 92 Resp: 9575

Ion	Ratio	Lower	Upper
92	100		
91	177.8	142.0	213.0



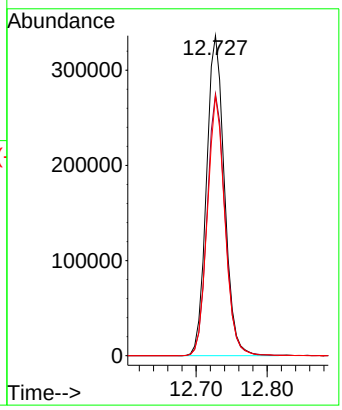


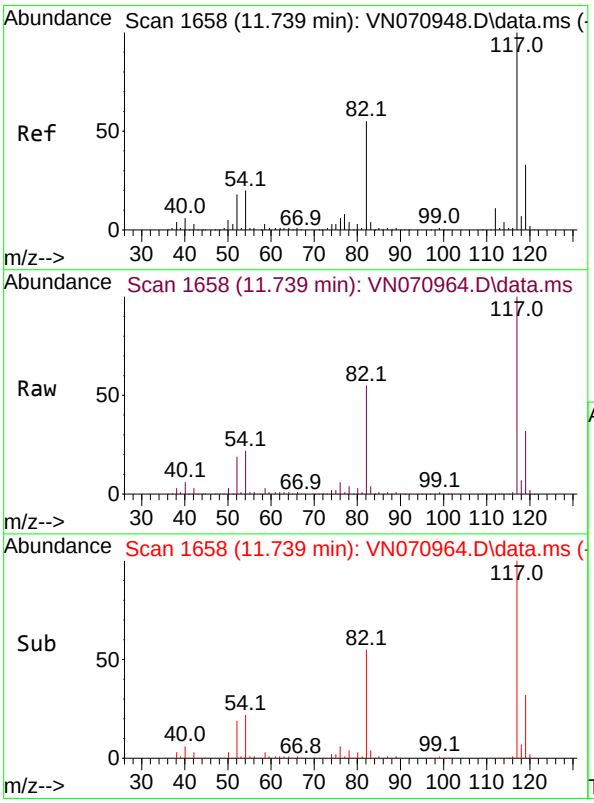
#62
4-Bromofluorobenzene
Concen: 45.408 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion: 95 Resp: 590233

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	187.2
176	79.4	0.0	181.4

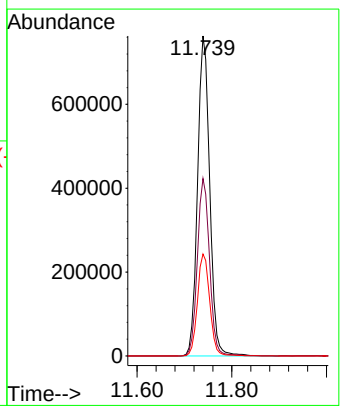


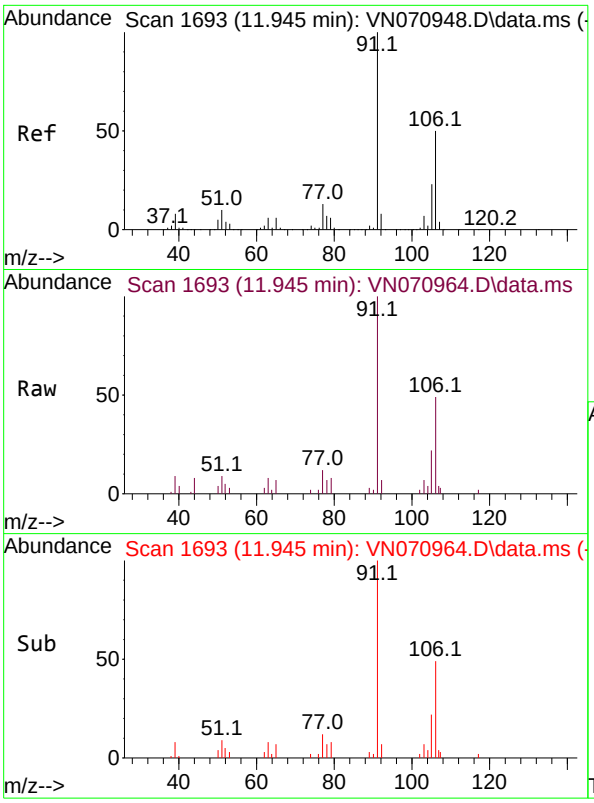


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion:117 Resp: 1356824

Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.4	63.6
119	31.9	25.4	38.2



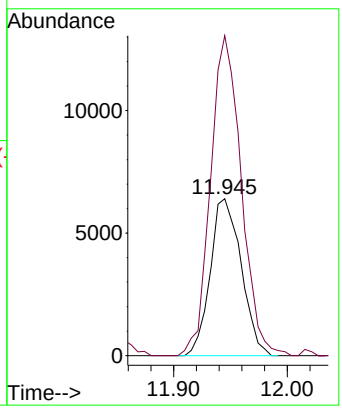


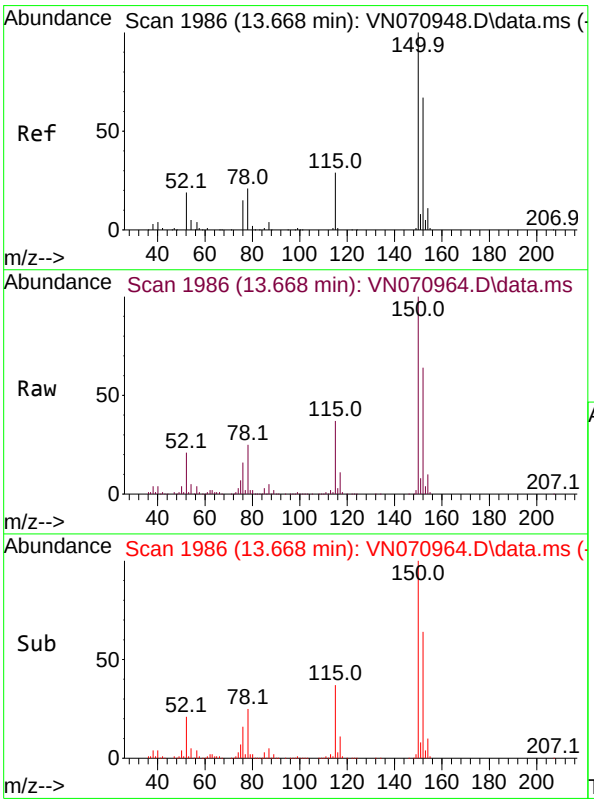
#68
m/p-Xylenes
Concen: 0.613 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:106 Resp: 12119

Ion	Ratio	Lower	Upper
106	100		
91	202.9	160.6	240.8

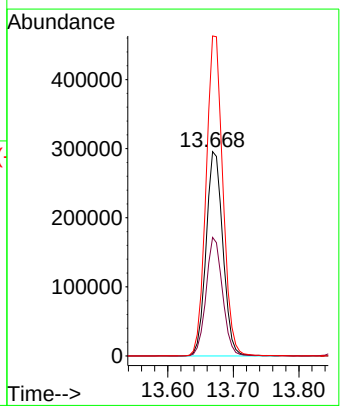


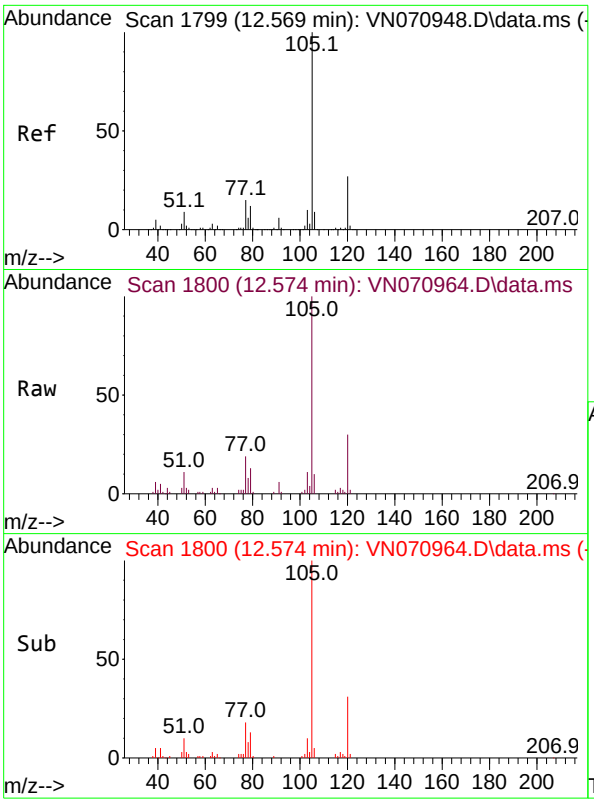


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion:152 Resp: 526143

Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.5	82.5
150	156.8	0.0	344.4



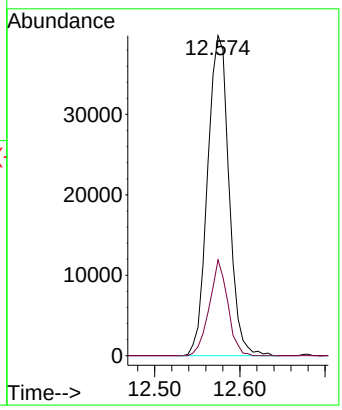


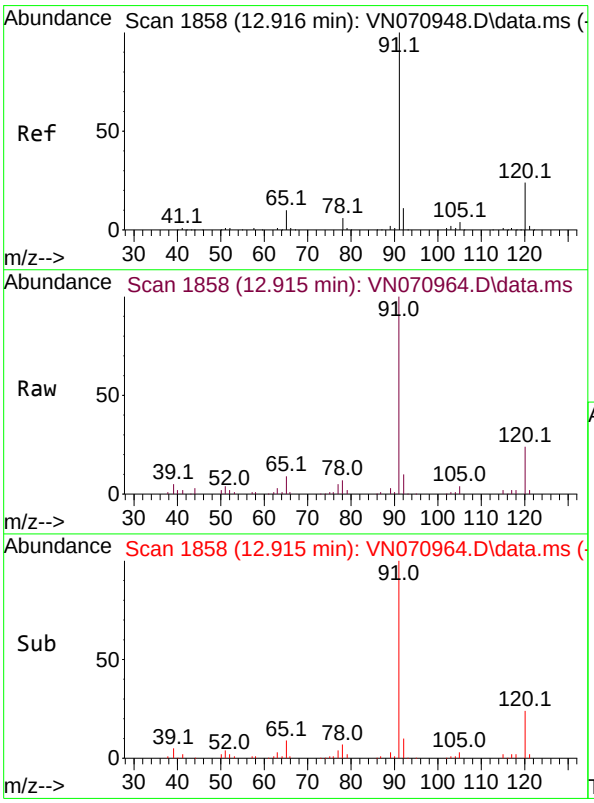
#73
Isopropylbenzene
Concen: 1.642 ug/l
RT: 12.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:105 Resp: 69521

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.4	40.1

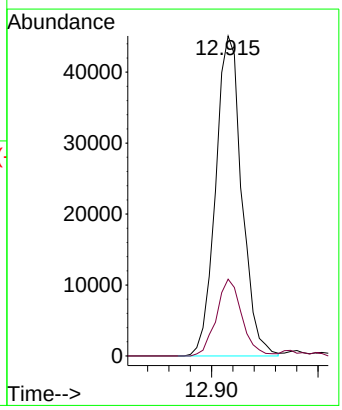


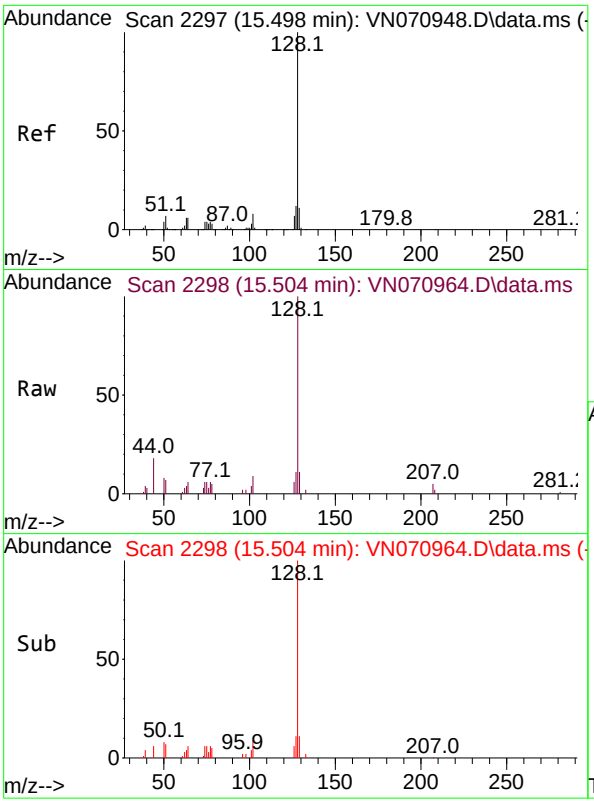


#78
n-propylbenzene
Concen: 1.617 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Tgt Ion: 91 Resp: 76927

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.9





#95
Naphthalene
Concen: 5.869 ug/l
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN070964.D
Acq: 16 Feb 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:128 Resp: 22989

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.4	8.7	13.1