Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
Data File : VN072180.D
Acq On : 25 Apr 2022 15:27
Operator : JC\MD
Sample : N2524-05 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Quant Time: Apr 26 05:39:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	526387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	890866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	953925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	379107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	261373	43.495	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.980%			
35) Dibromofluoromethane	8.016	113	251648	48.004	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.000%			
50) Toluene-d8	10.439	98	1118205	52.143	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.727	95	401885	57.945	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.900%			
Target Compounds						Qvalue
16) Acetone	4.298	43	16406	6.388	ug/l #	85
40) Benzene	8.457	78	740501	32.021	ug/l	98
52) Toluene	10.504	92	495762	33.914	ug/l	100
67) Ethyl Benzene	11.845	91	48317	1.494	ug/l	98
68) m/p-Xylenes	11.945	106	118399	9.530	ug/l	97
69) o-Xylene	12.280	106	63394	5.141	ug/l	96
70) Styrene	12.286	104	61179	3.274	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	36221	1.467	ug/l	98
95) Naphthalene	15.504	128	475038	29.227	ug/l	100

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

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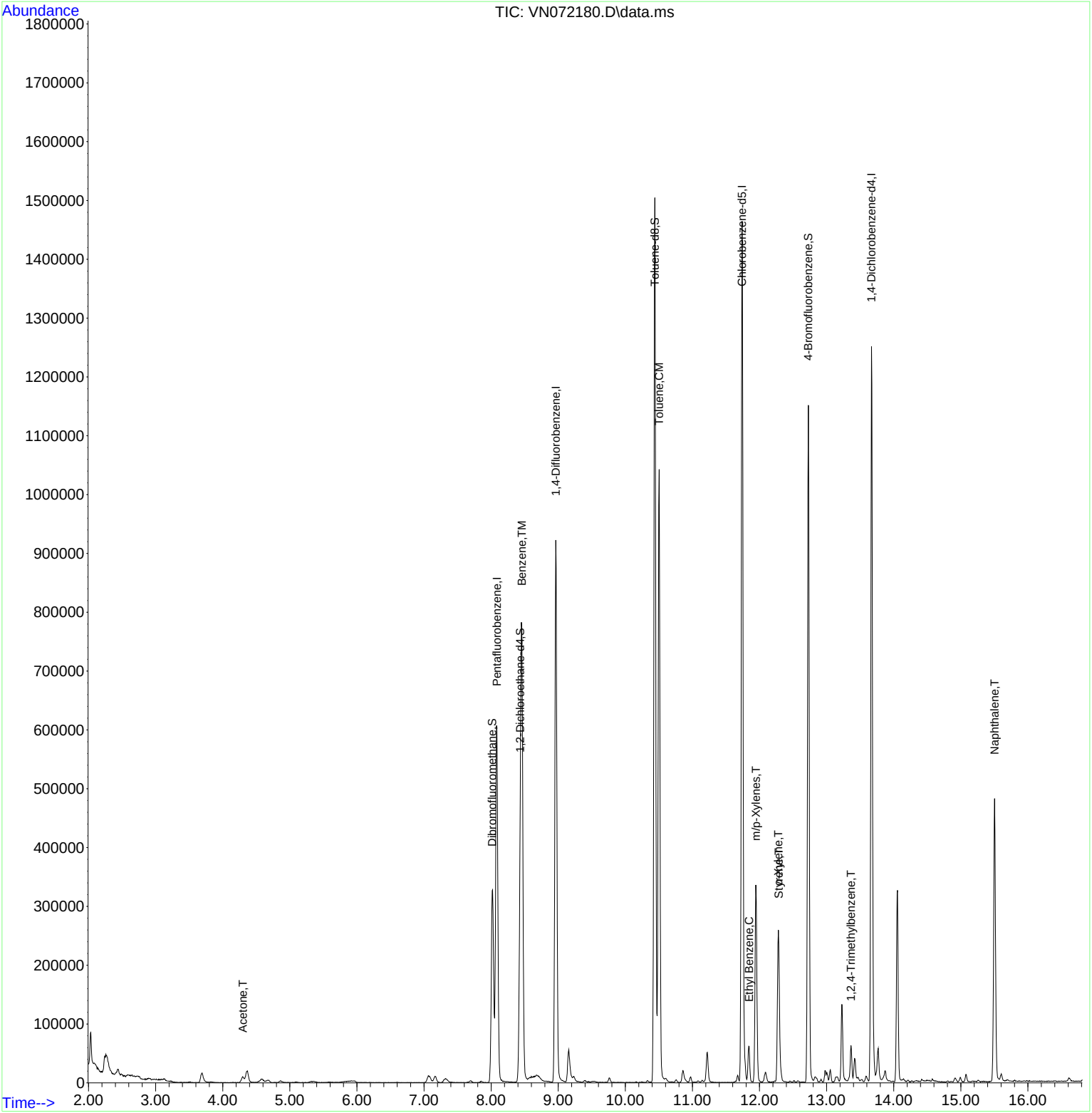
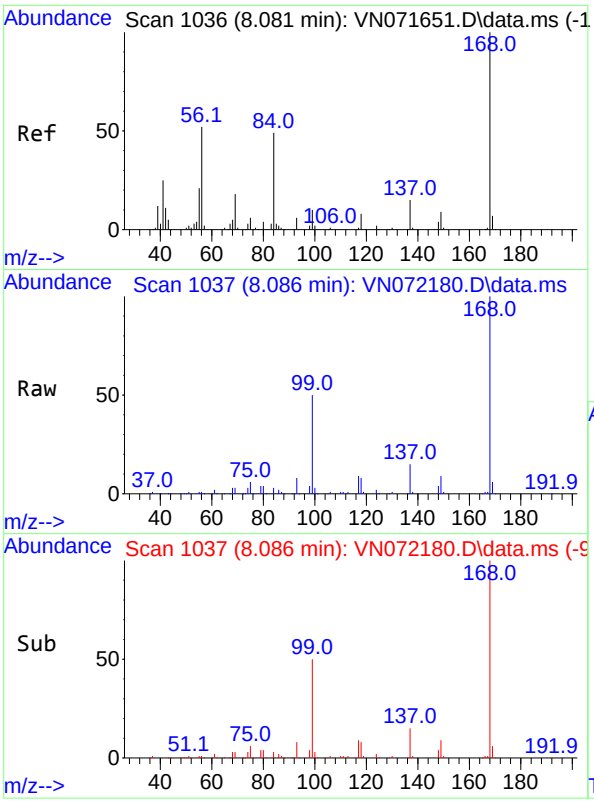
Quant Time: Apr 26 05:39:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



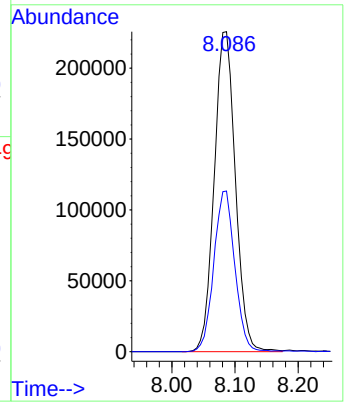


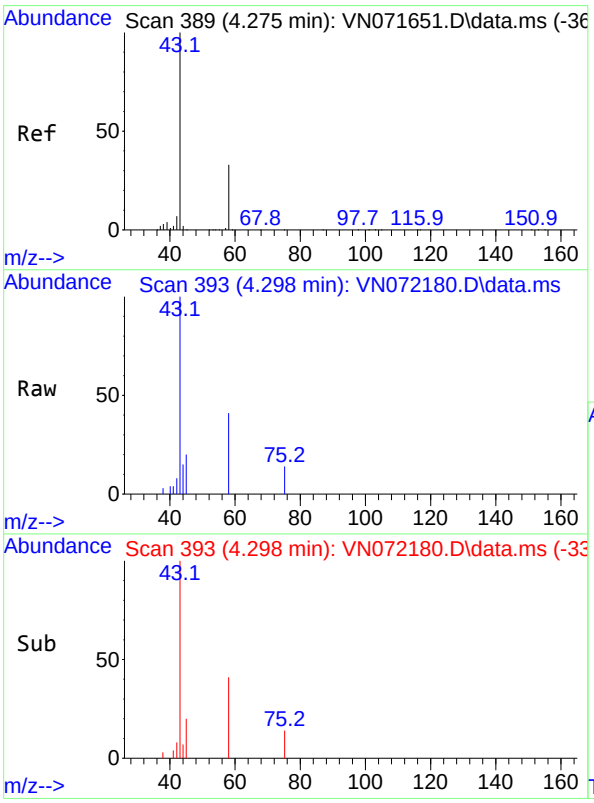
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion:168 Resp: 526387

Ion	Ratio	Lower	Upper
168	100		
99	50.2	42.3	63.5

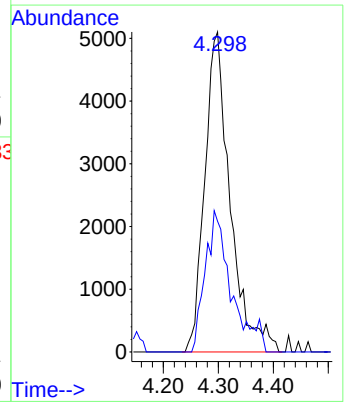


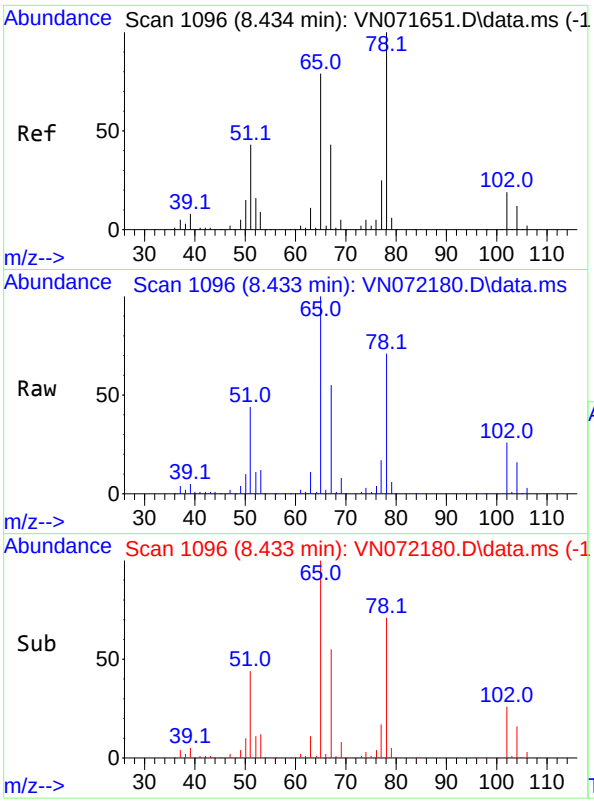


#16
Acetone
Concen: 6.388 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion: 43 Resp: 16406

Ion	Ratio	Lower	Upper
43	100		
58	40.8	26.0	39.0#



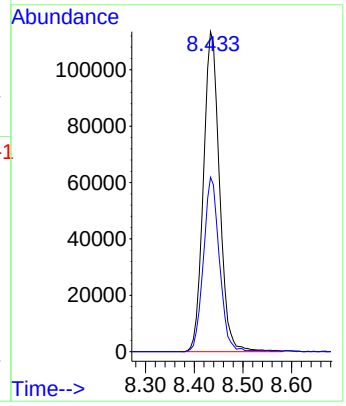


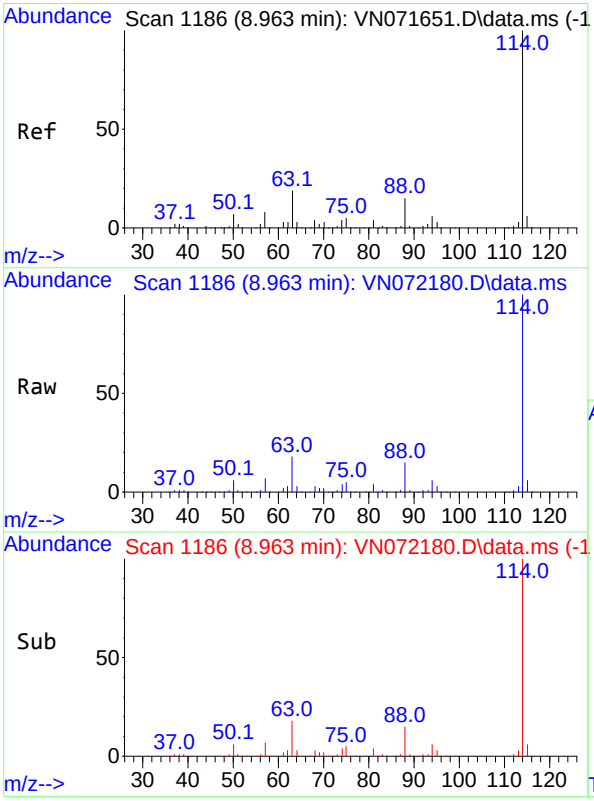
#33
1,2-Dichloroethane-d4
Concen: 43.495 ug/l
RT: 8.433 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion: 65 Resp: 261373

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	104.8

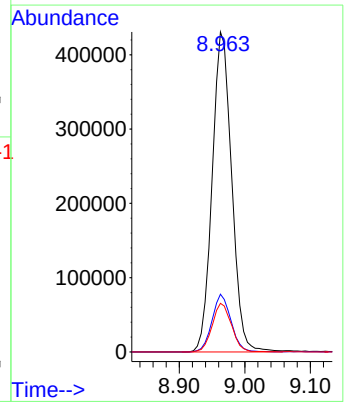


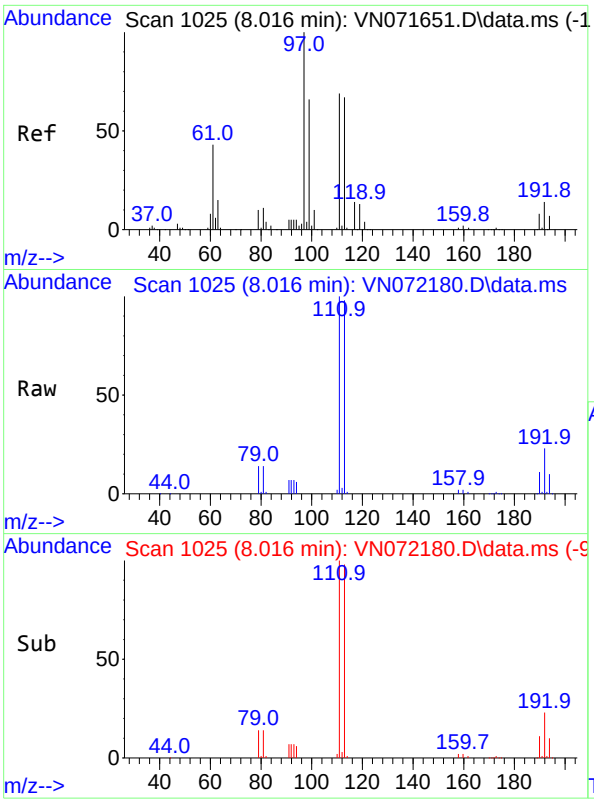


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion:114 Resp: 890866

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	40.0
88	15.2	0.0	32.6



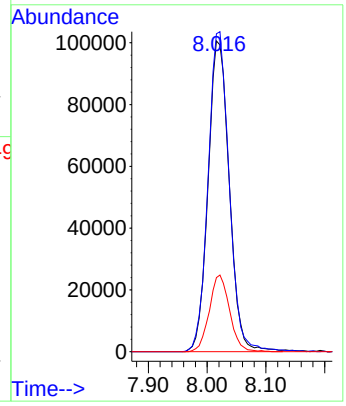


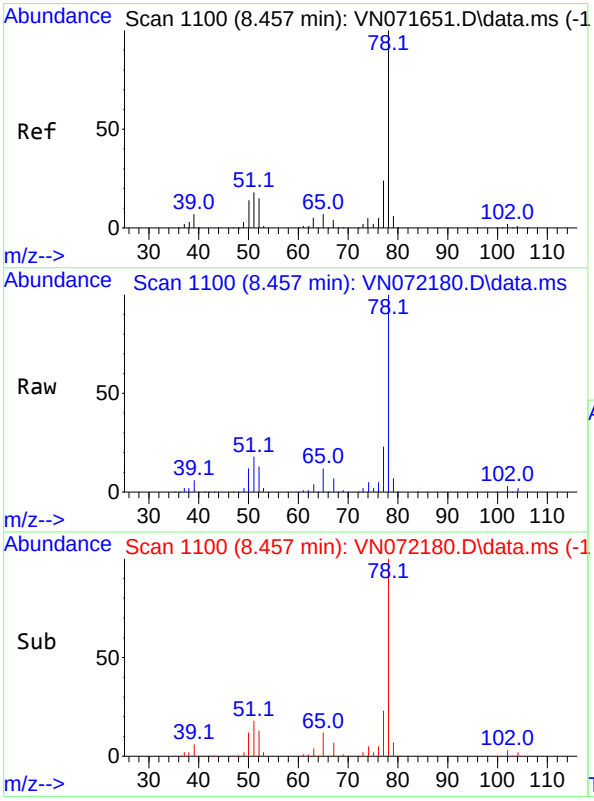
#35
Dibromofluoromethane
Concen: 48.004 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion:113 Resp: 251648

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	23.7	17.0	25.6

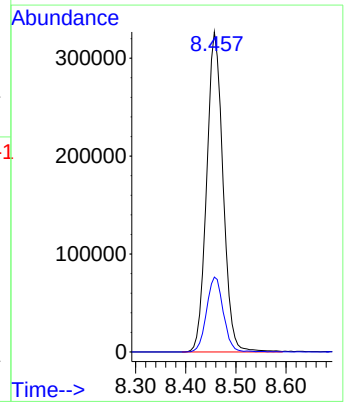


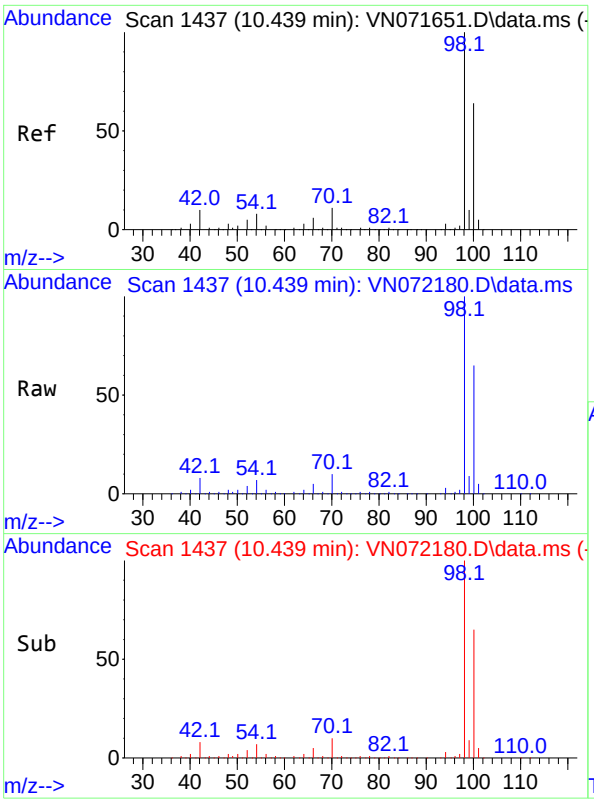


#40
Benzene
Concen: 32.021 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion: 78 Resp: 740501

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0



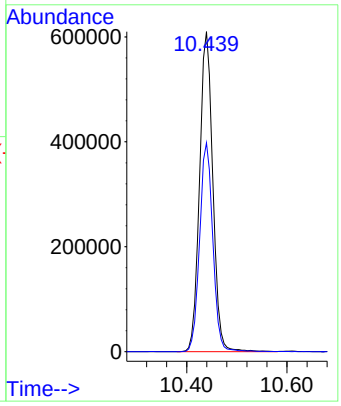


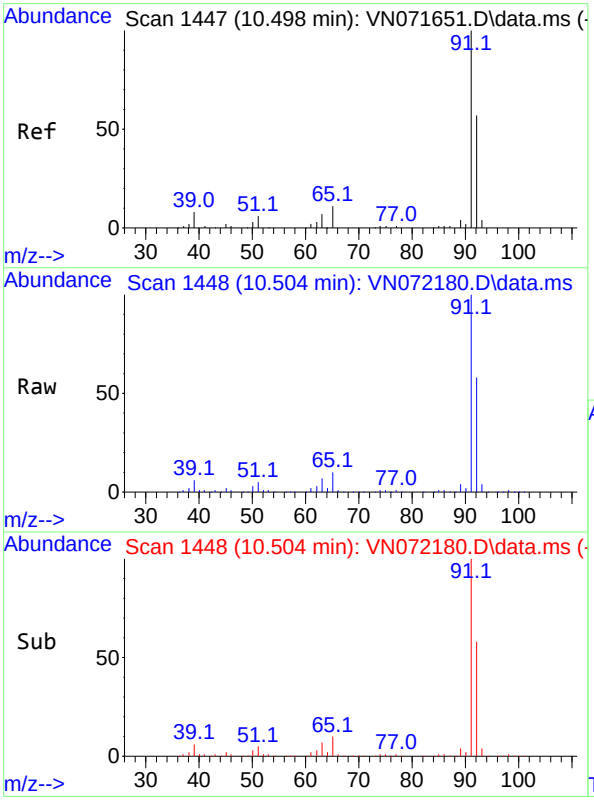
#50
Toluene-d8
Concen: 52.143 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion: 98 Resp: 1118205

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8

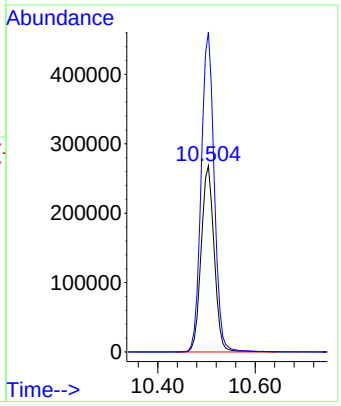


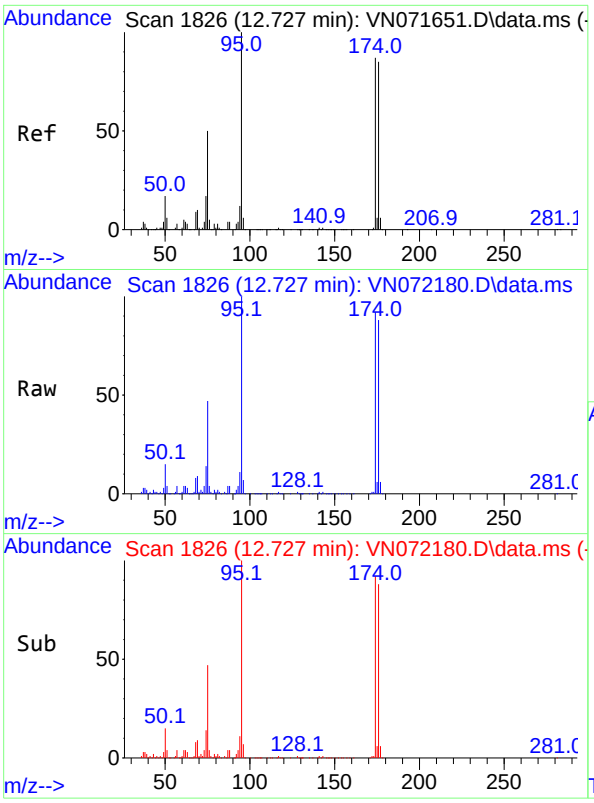


#52
Toluene
Concen: 33.914 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion: 92 Resp: 495762

Ion	Ratio	Lower	Upper
92	100		
91	172.5	138.6	207.8



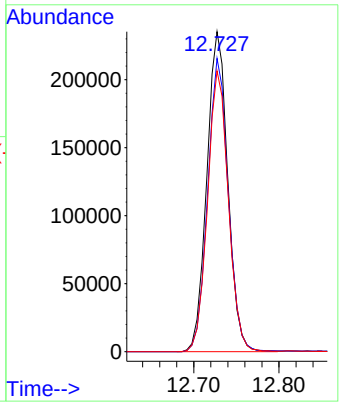


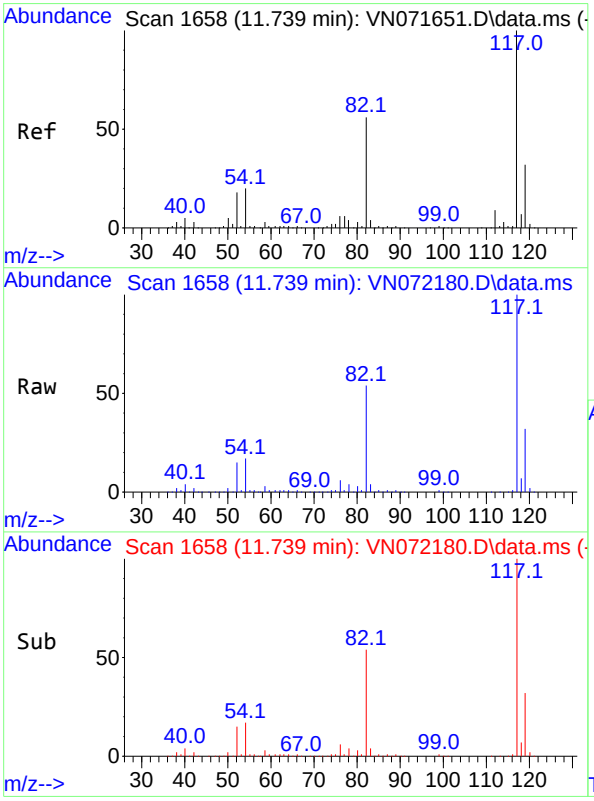
#62
4-Bromofluorobenzene
Concen: 57.945 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion: 95 Resp: 401885

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	167.6
176	87.1	0.0	163.4

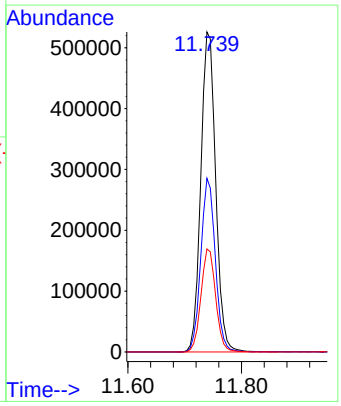


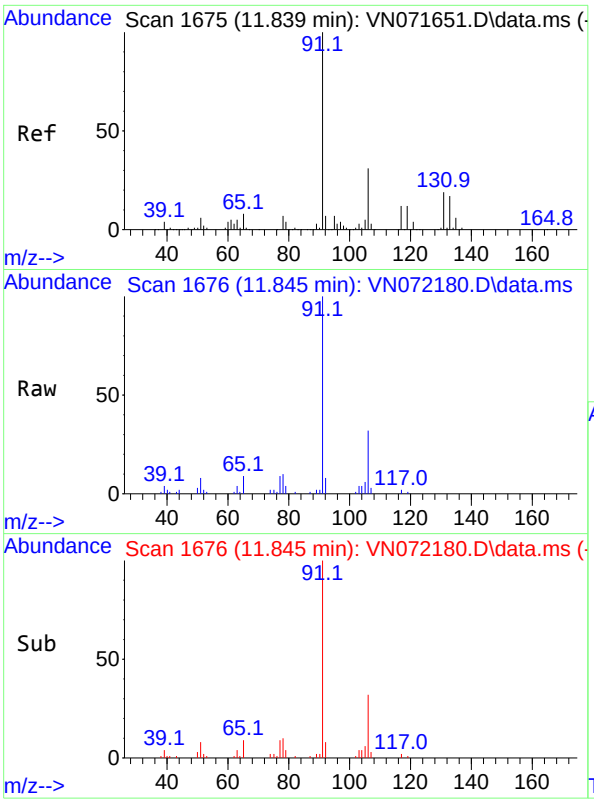


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion:117 Resp: 953925

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	32.2	25.4	38.0



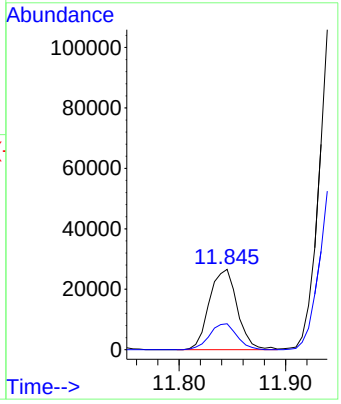


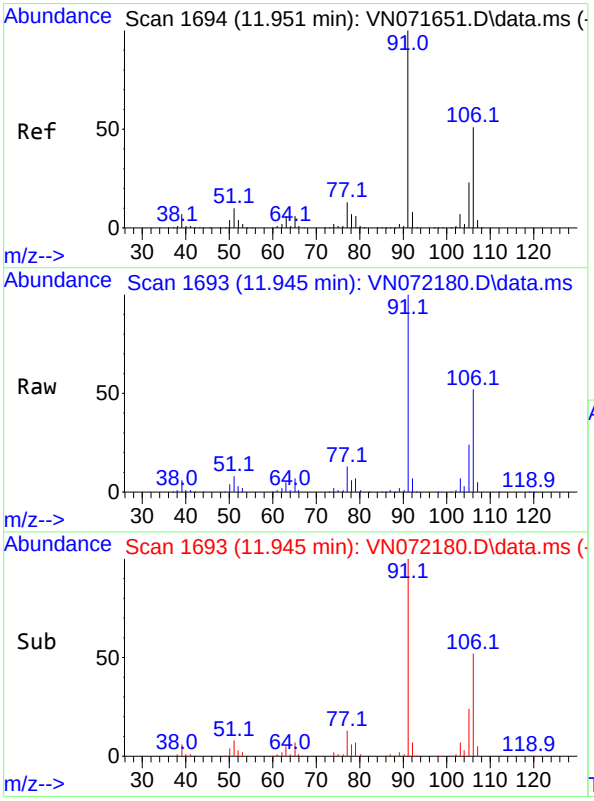
#67
Ethyl Benzene
Concen: 1.494 ug/l
RT: 11.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion: 91 Resp: 48317

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.9	37.3

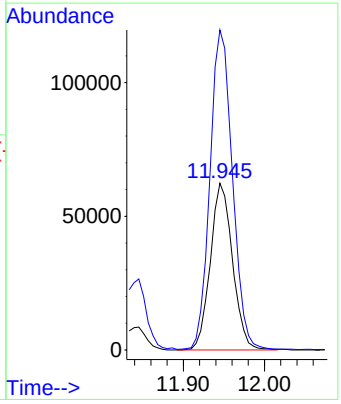


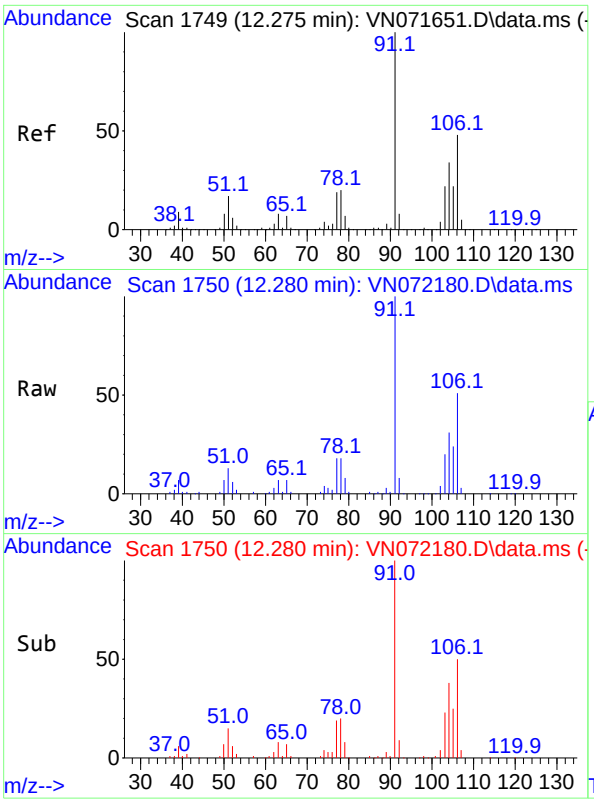


#68
m/p-Xylenes
Concen: 9.530 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion:106 Resp: 118399

Ion	Ratio	Lower	Upper
106	100		
91	194.5	158.9	238.3



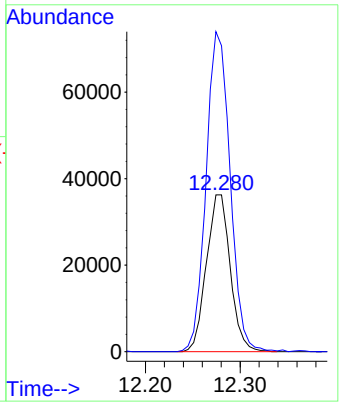


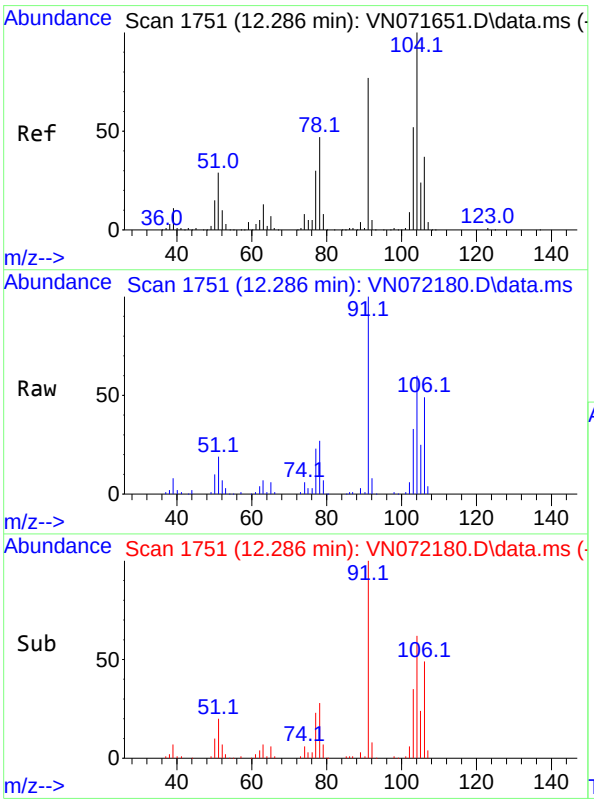
#69
o-Xylene
Concen: 5.141 ug/l
RT: 12.280 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion:106 Resp: 63394

Ion	Ratio	Lower	Upper
106	100		
91	205.7	106.0	318.0

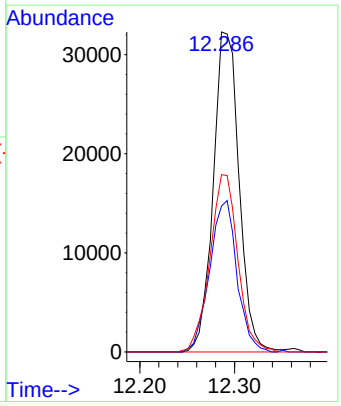


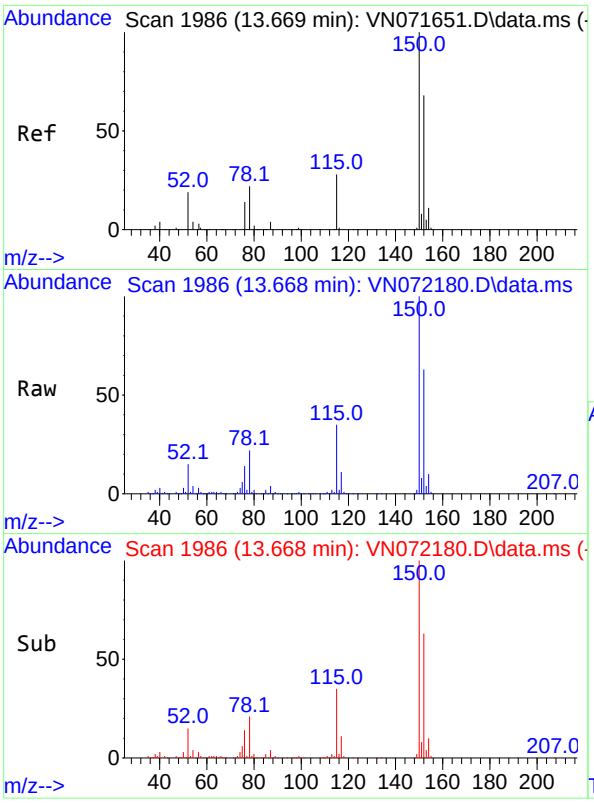


#70
Styrene
Concen: 3.274 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion:104 Resp: 61179

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.5	59.3
103	59.8	44.0	66.0



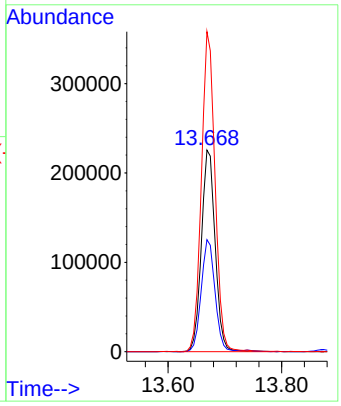


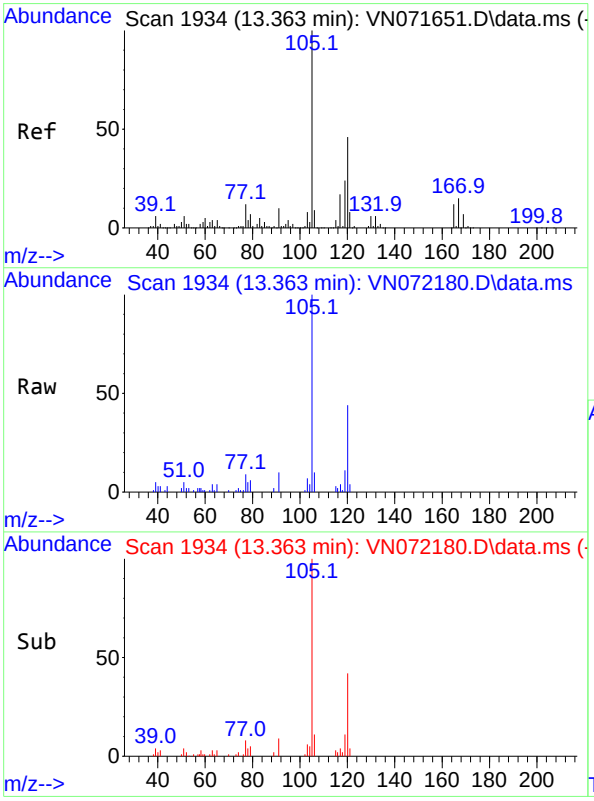
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion:152 Resp: 379107

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.9	86.7
150	157.0	0.0	356.2

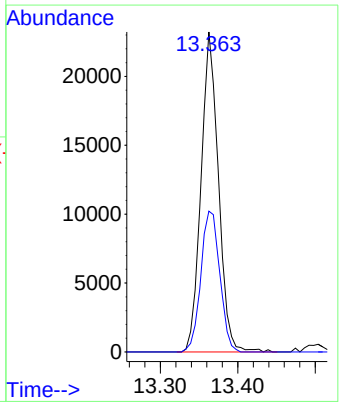


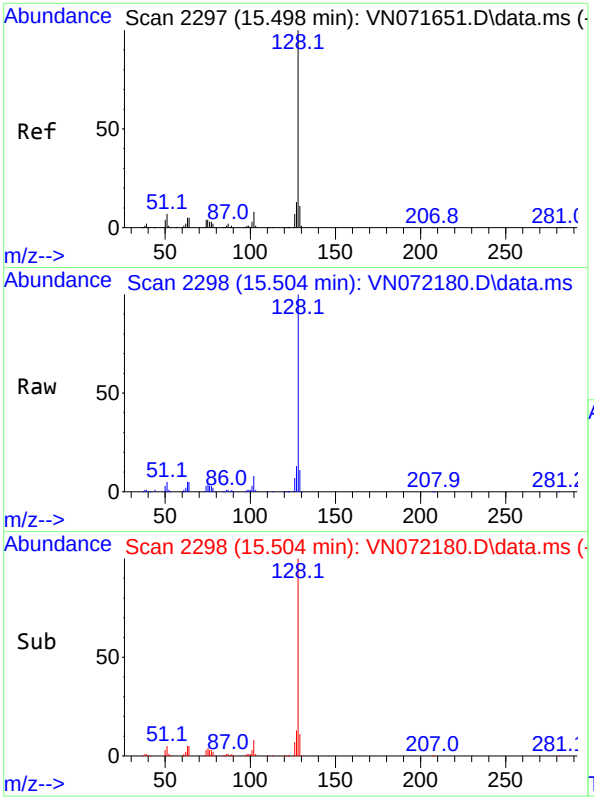


#84
1,2,4-Trimethylbenzene
Concen: 1.467 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Tgt Ion:105 Resp: 36221

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.3	69.8





#95
Naphthalene
Concen: 29.227 ug/l
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN072180.D
Acq: 25 Apr 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
33656-57

Tgt Ion:128 Resp: 475038

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0