Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
Data File : VN070656.D
Acq On : 17 Jan 2022 19:52
Operator : JC/MD
Sample : N1099-10
Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Quant Time: Jan 18 03:20:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.080	168	1064818	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.963	114	1793768	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.747	117	1416926	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	557944	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.432	65	727146	47.495	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.980%			
35) Dibromofluoromethane	8.019	113	481323	44.349	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.700%			
50) Toluene-d8	10.441	98	1982354	44.712	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.420%			
62) 4-Bromofluorobenzene	12.734	95	703198	43.913	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.820%			
Target Compounds							Qvalue
16) Acetone	4.312	43	30665	3.085	ug/l		99
18) Methyl Acetate	4.854	43	58466	2.034	ug/l	#	87
25) 2-Butanone	7.354	43	43615	3.485	ug/l		90
52) Toluene	10.505	92	7001	0.210	ug/l		99
95) Naphthalene	15.507	128	5278	1.997	ug/l	#	94

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

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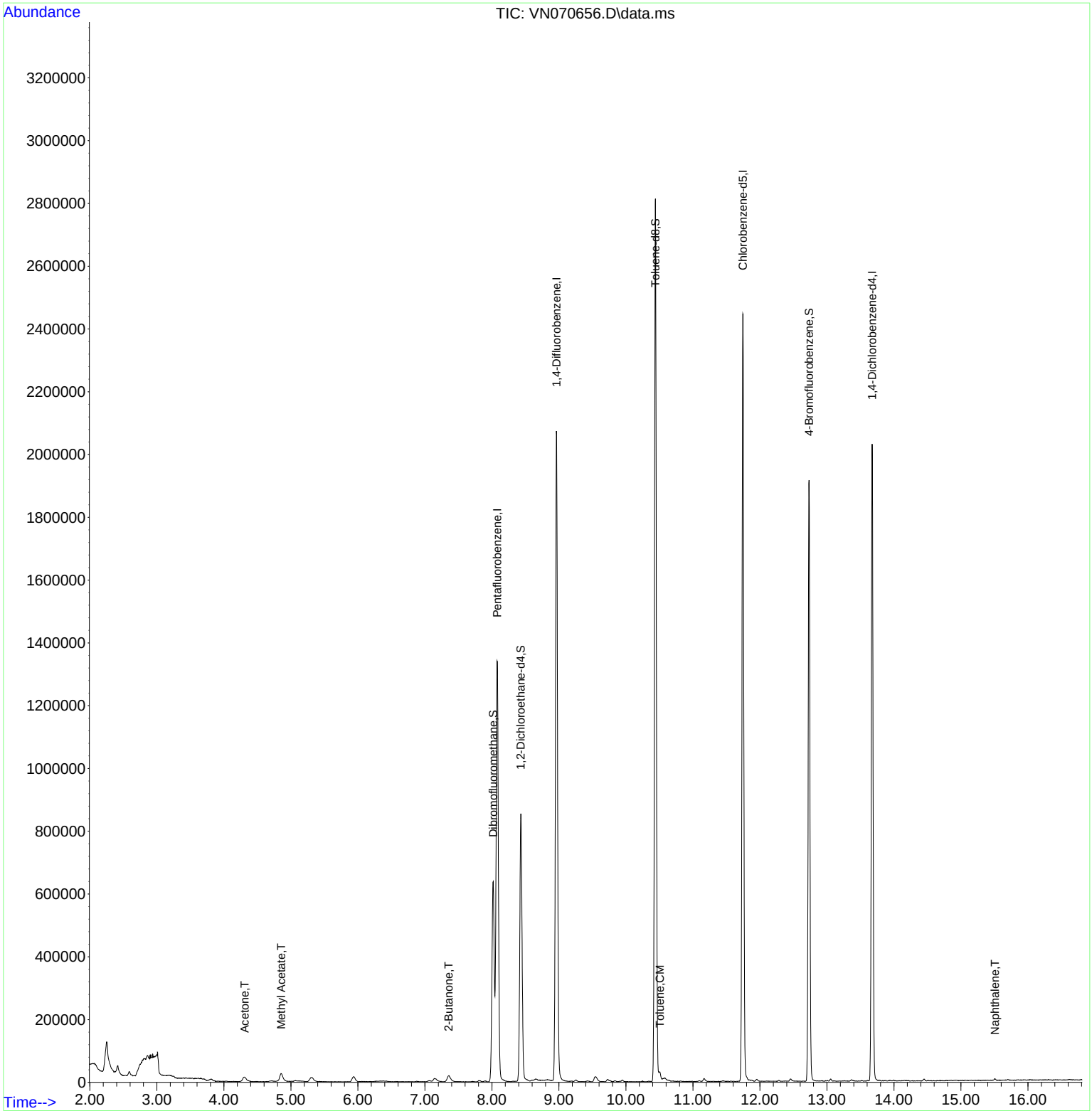
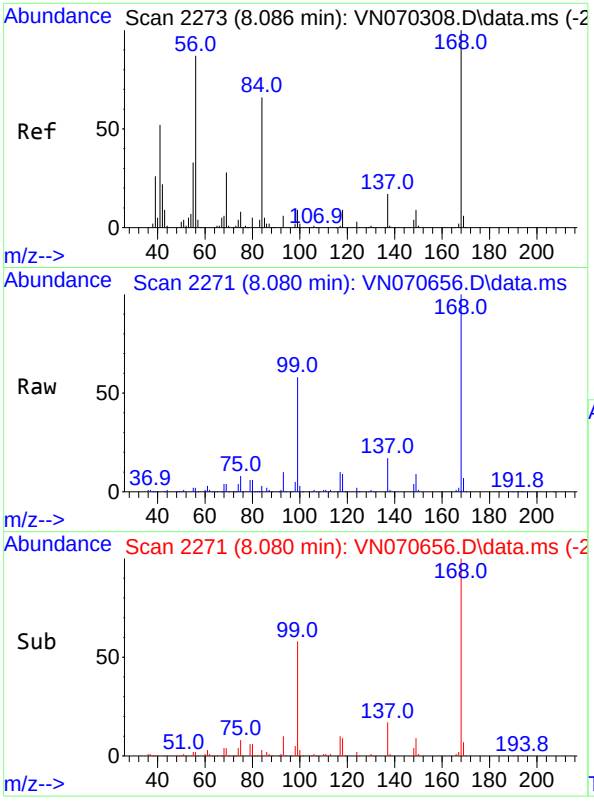


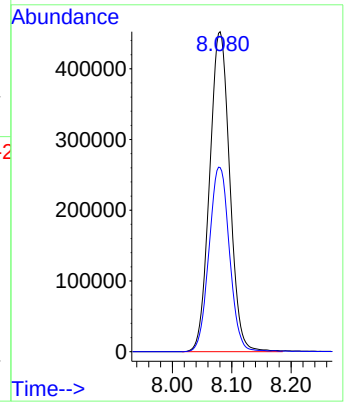


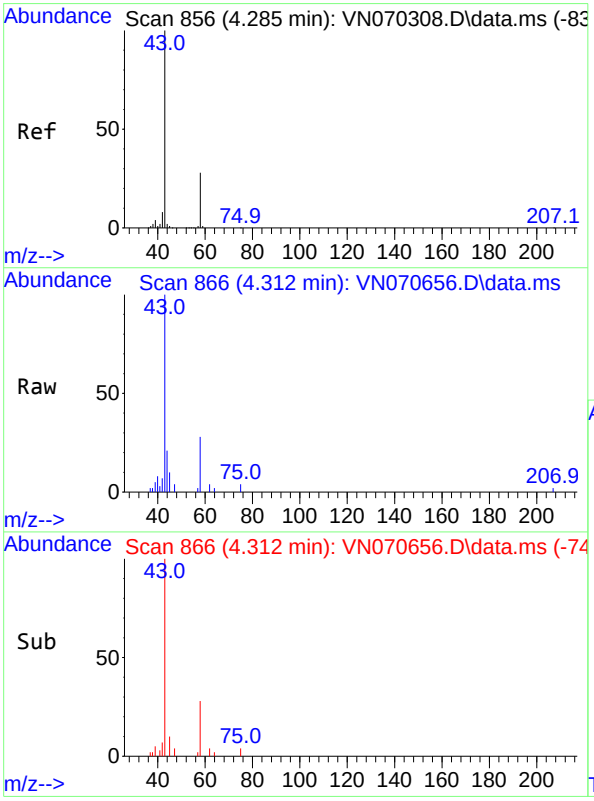
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion:168 Resp: 1064818

Ion	Ratio	Lower	Upper
168	100		
99	57.6	41.3	61.9

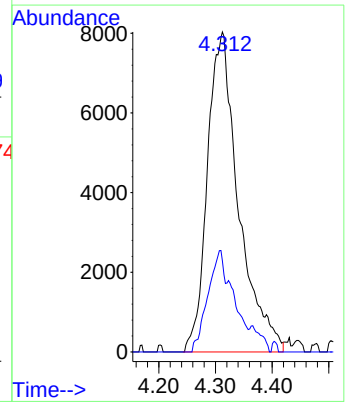


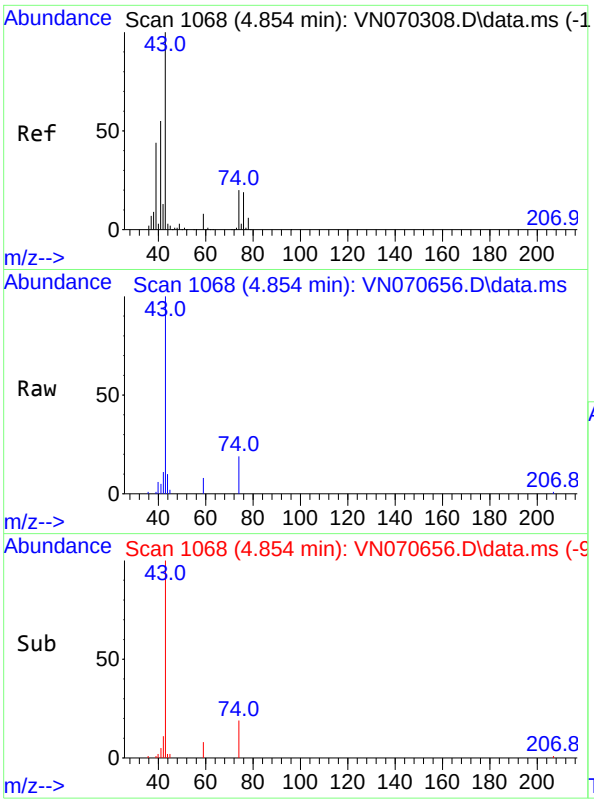


#16
Acetone
Concen: 3.085 ug/l
RT: 4.312 min Scan# 866
Delta R.T. 0.027 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 43 Resp: 30665

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.1	34.7



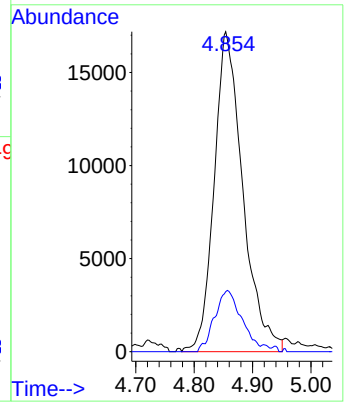


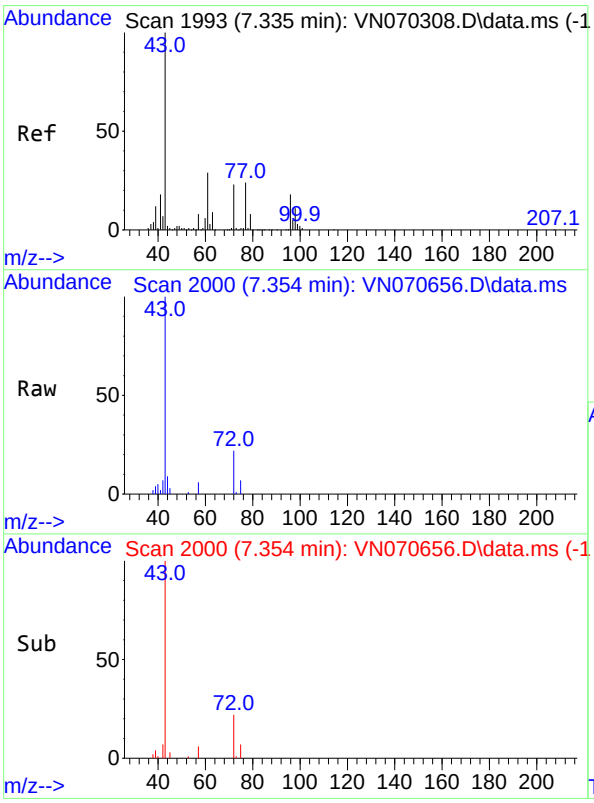
#18
Methyl Acetate
Concen: 2.034 ug/l
RT: 4.854 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion: 43 Resp: 58466

Ion	Ratio	Lower	Upper
43	100		
74	18.0	19.4	29.2#

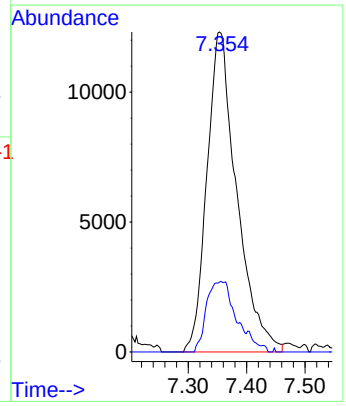


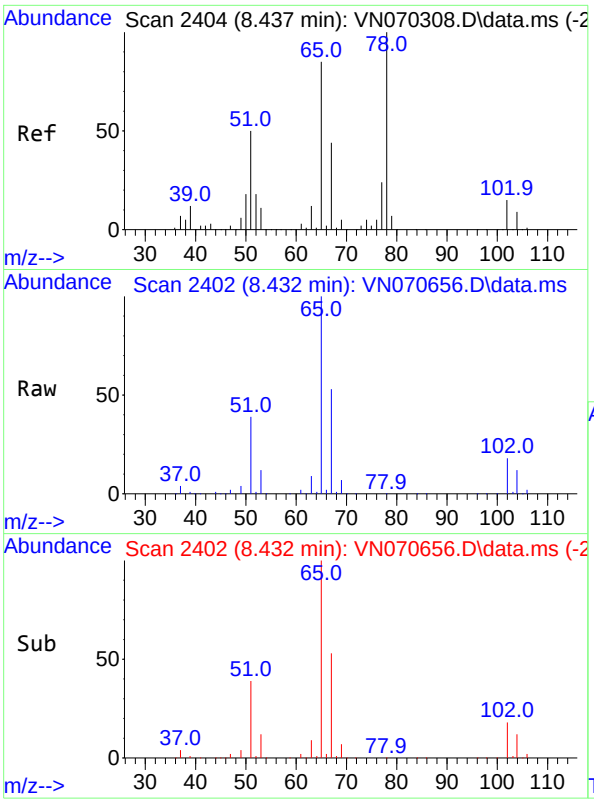


#25
2-Butanone
Concen: 3.485 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.019 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 43 Resp: 43615

Ion	Ratio	Lower	Upper
43	100		
72	21.9	21.7	32.5



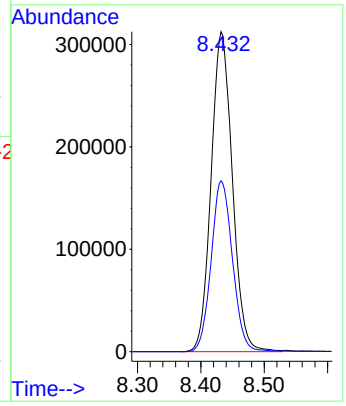


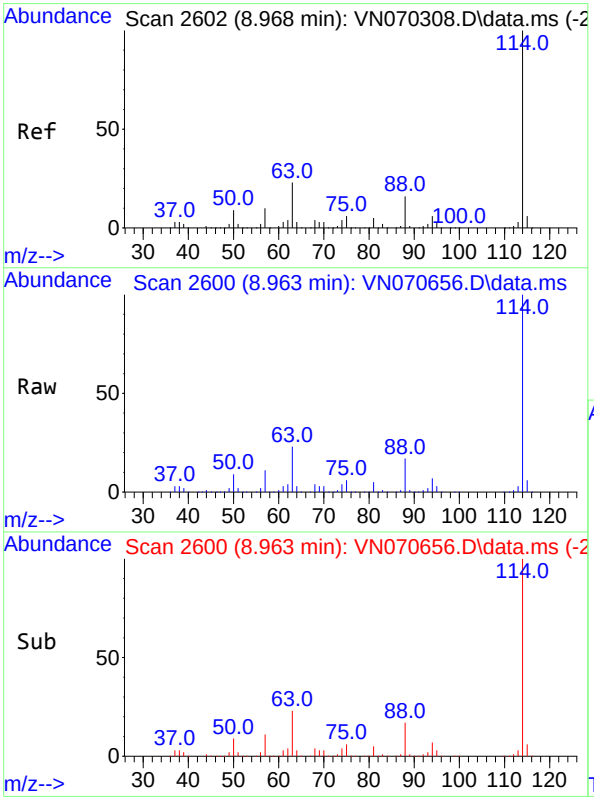
#33
1,2-Dichloroethane-d4
Concen: 47.495 ug/l
RT: 8.432 min Scan# 24
Delta R.T. -0.005 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion: 65 Resp: 727146

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.0

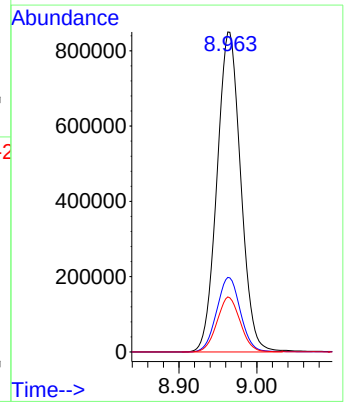


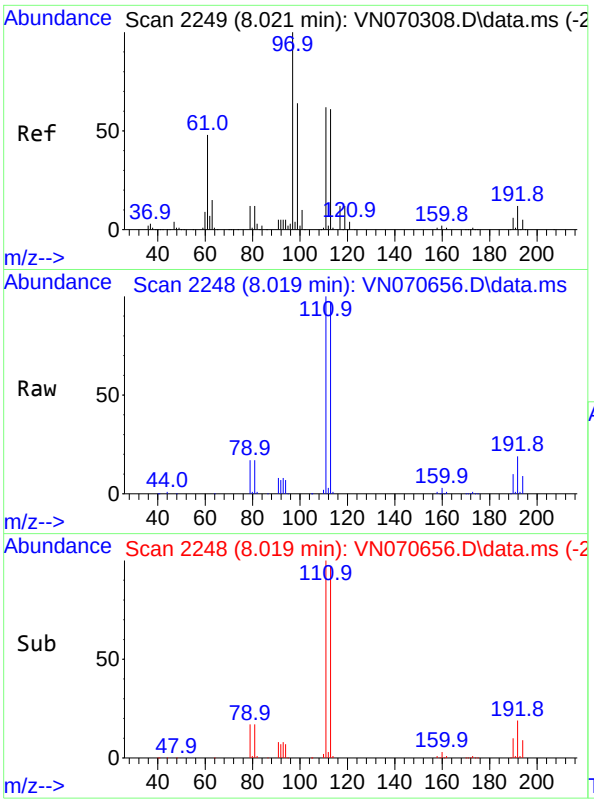


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.005 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion:114 Resp: 1793768

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	37.8
88	17.2	0.0	27.4



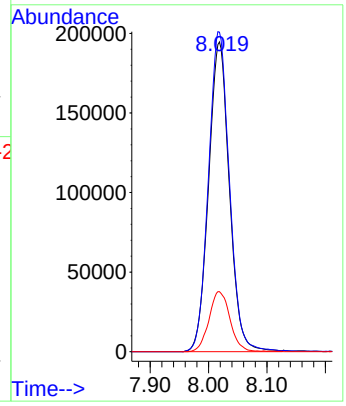


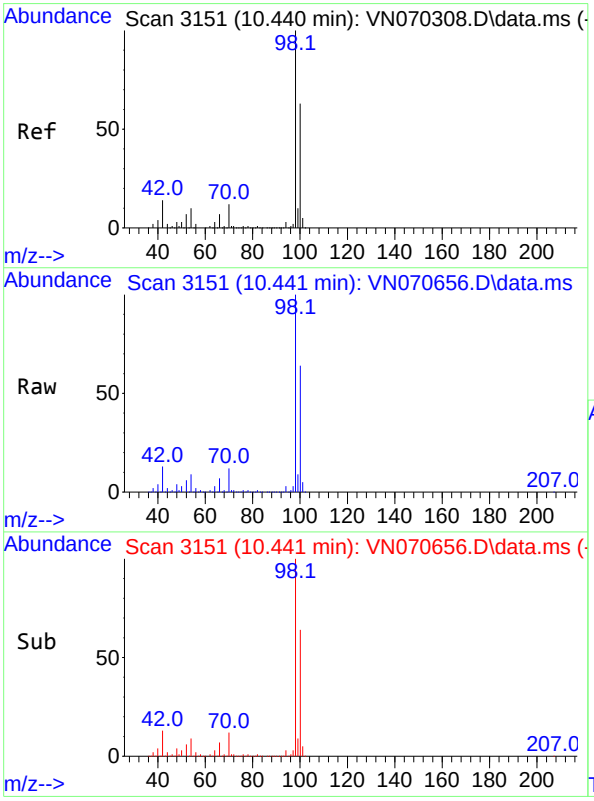
#35
Dibromofluoromethane
Concen: 44.349 ug/l
RT: 8.019 min Scan# 2
Delta R.T. -0.002 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion:113 Resp: 481323

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.2
192	19.6	16.9	25.3

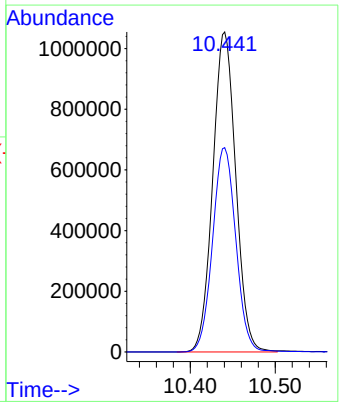


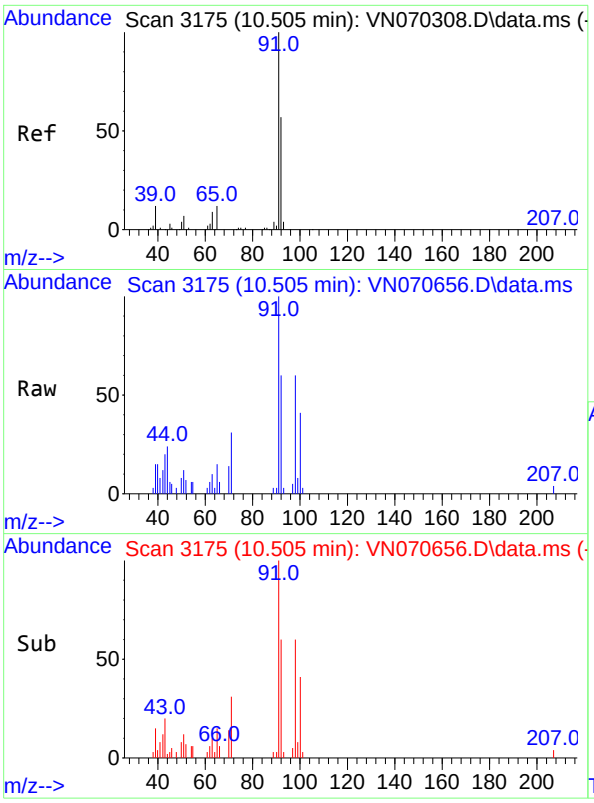


#50
Toluene-d8
Concen: 44.712 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 98 Resp: 1982354

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.4	75.6



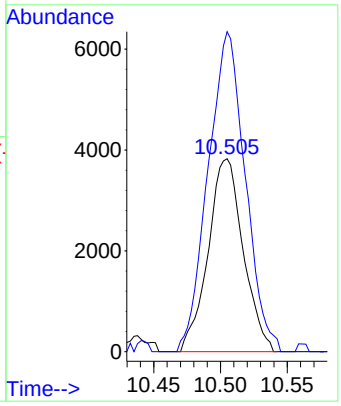


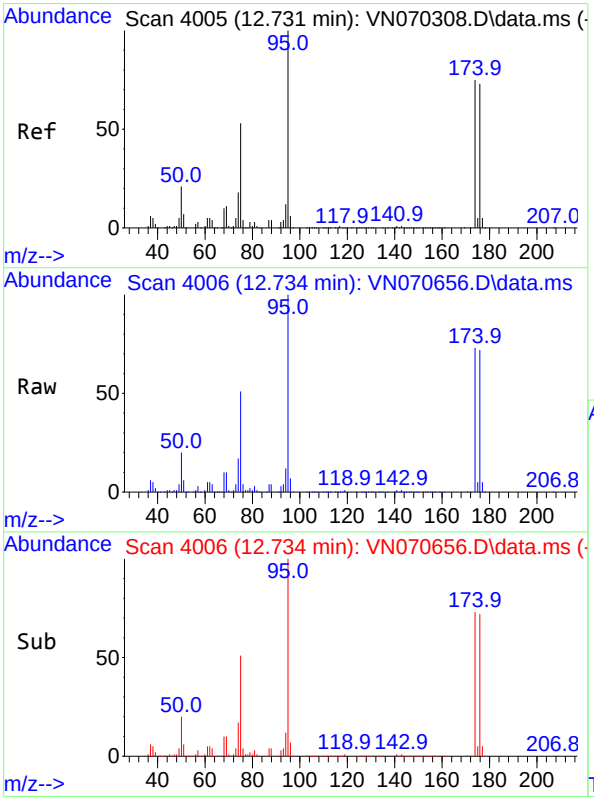
#52
Toluene
Concen: 0.210 ug/l
RT: 10.505 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion: 92 Resp: 7001

Ion	Ratio	Lower	Upper
92	100		
91	175.5	142.0	213.0

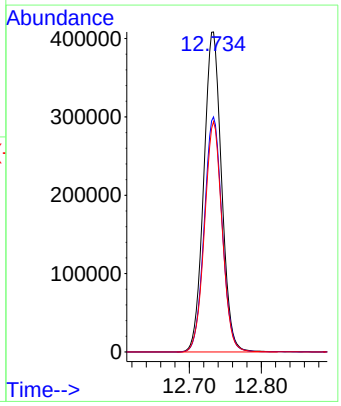


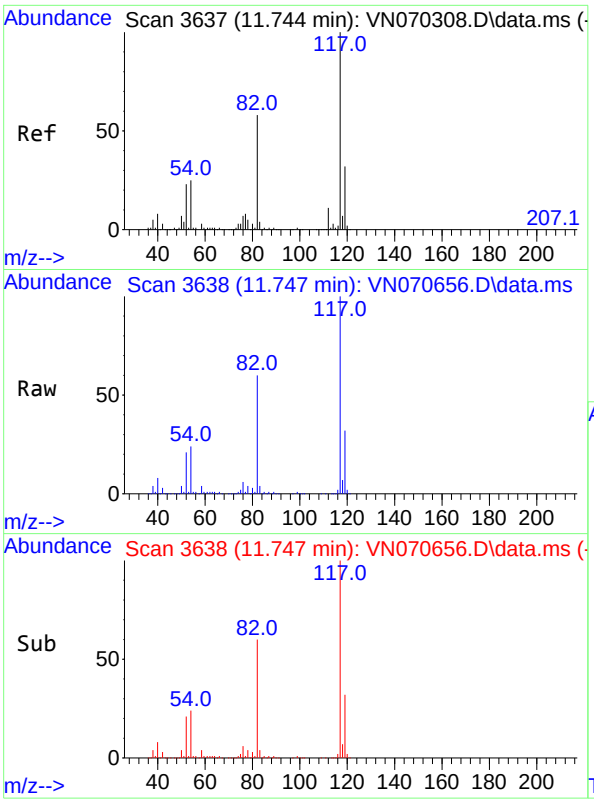


#62
4-Bromofluorobenzene
Concen: 43.913 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion: 95 Resp: 703198

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	187.2
176	71.3	0.0	181.4



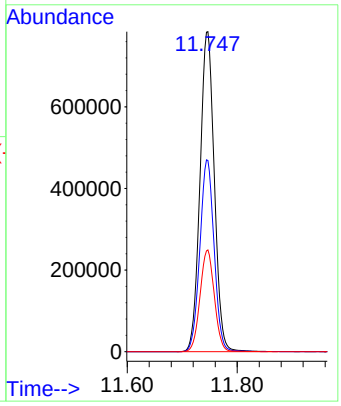


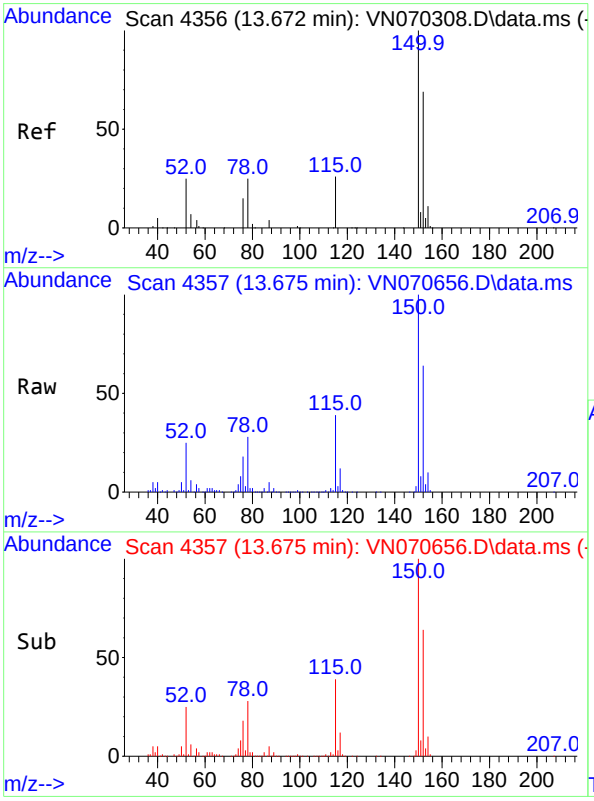
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion:117 Resp: 1416926

Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	31.8	25.4	38.2

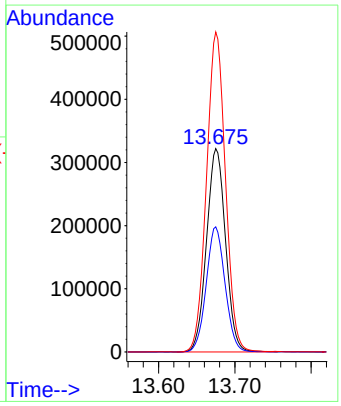


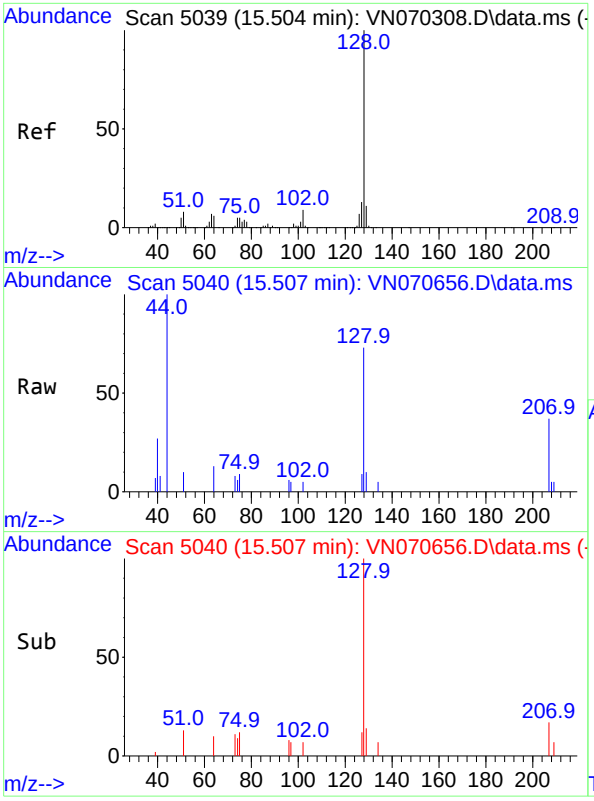


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Tgt Ion:152 Resp: 557944

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.5	82.5
150	156.6	0.0	344.4





#95
Naphthalene
Concen: 1.997 ug/l
RT: 15.507 min Scan# 5
Delta R.T. 0.003 min
Lab File: VN070656.D
Acq: 17 Jan 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
VACLOT-BACKFILL-TILCON-10

Tgt Ion:128 Resp: 5278

Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.5	15.7#
129	9.9	8.7	13.1