Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
Data File : VU048921.D
Acq On : 07 Jun 2022 19:45
Operator : SY/MD
Sample : N3166-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Quant Time: Jun 08 04:56:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.372	168	249477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	407321	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	160121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188594	50.336	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.680%			
35) Dibromofluoromethane	5.289	113	140116	48.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.440%			
50) Toluene-d8	7.899	98	494638	47.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.980%			
62) 4-Bromofluorobenzene	10.632	95	175174	44.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.940%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.604	62	1359	0.399	ug/l	98
16) Acetone	2.626	43	6143	3.217	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	15249	4.536	ug/l	88
37) Ethyl Acetate	4.800	43	141191	26.334	ug/l	99
44) Trichloroethene	6.543	130	36703	11.378	ug/l	94

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

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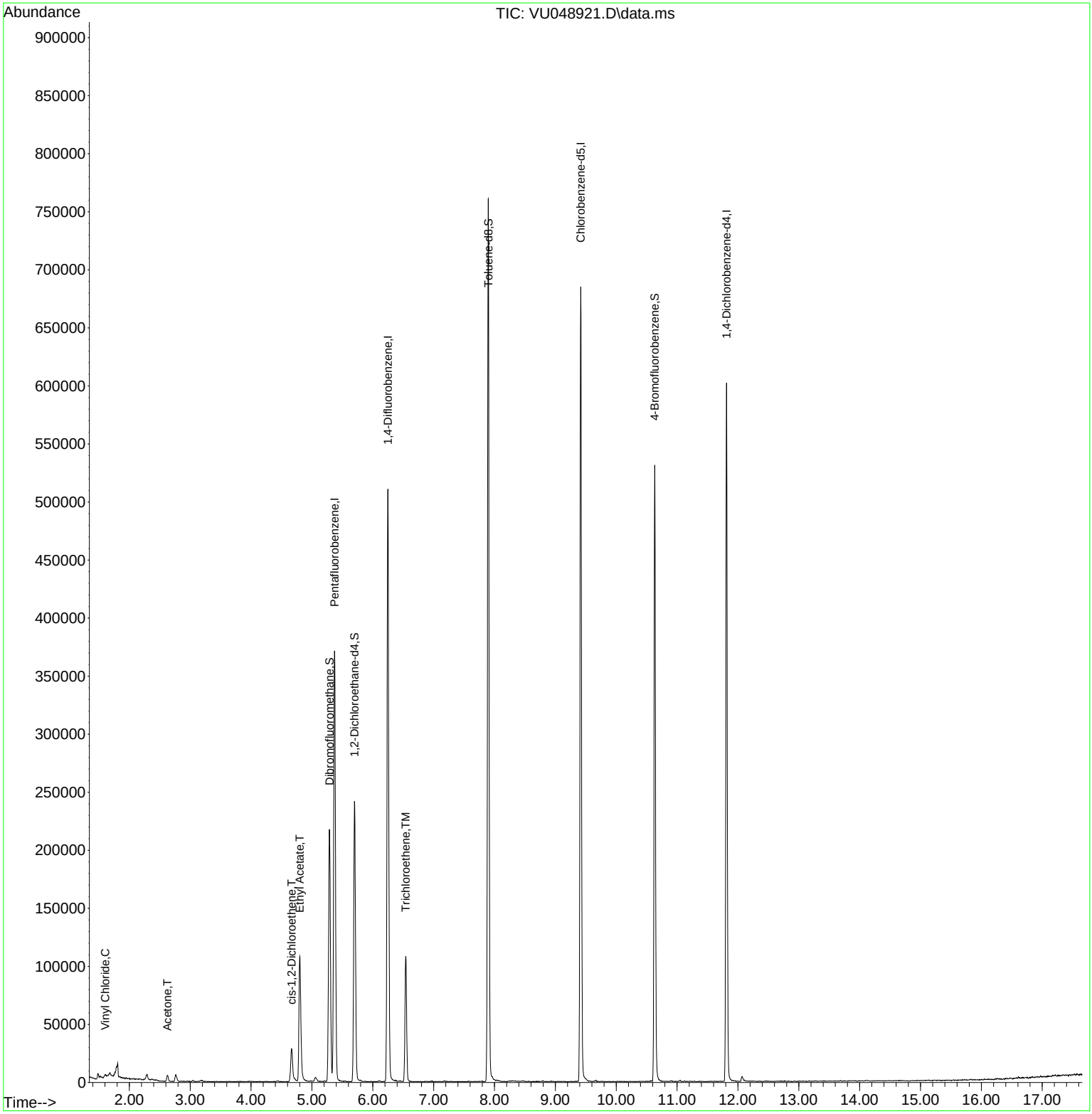
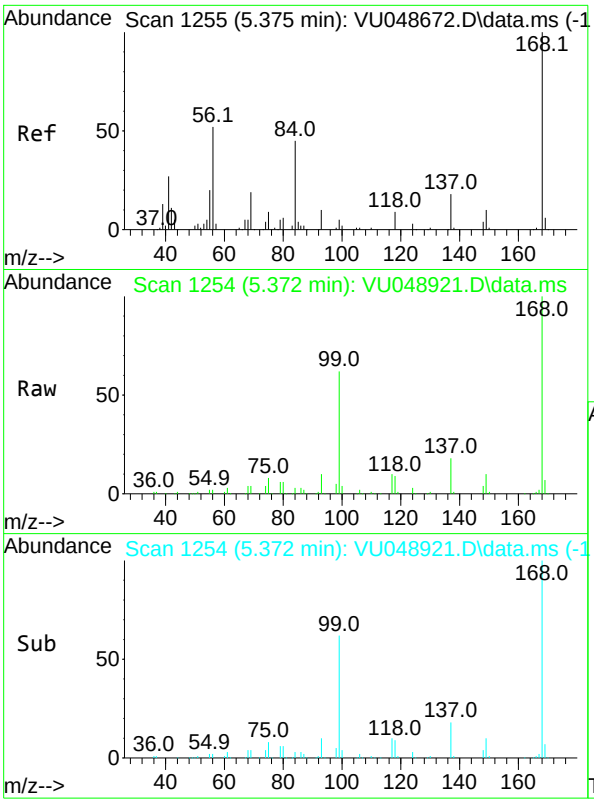


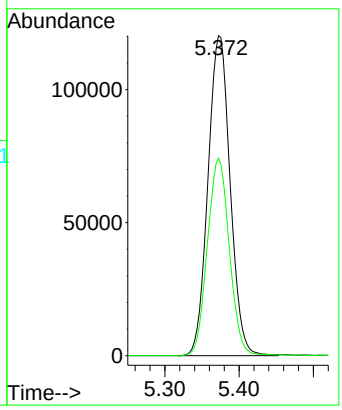


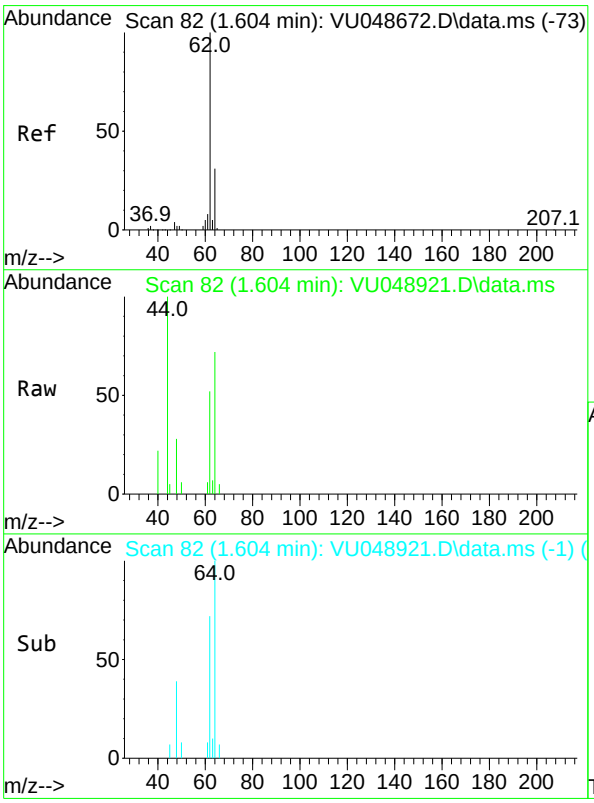
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion:168 Resp: 249477

Ion	Ratio	Lower	Upper
168	100		
99	61.7	49.3	73.9

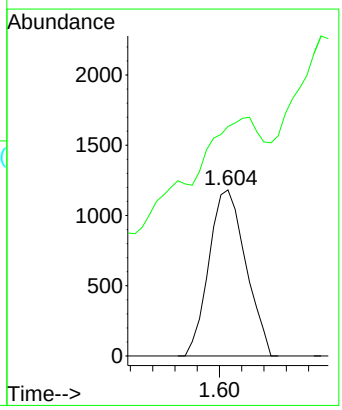


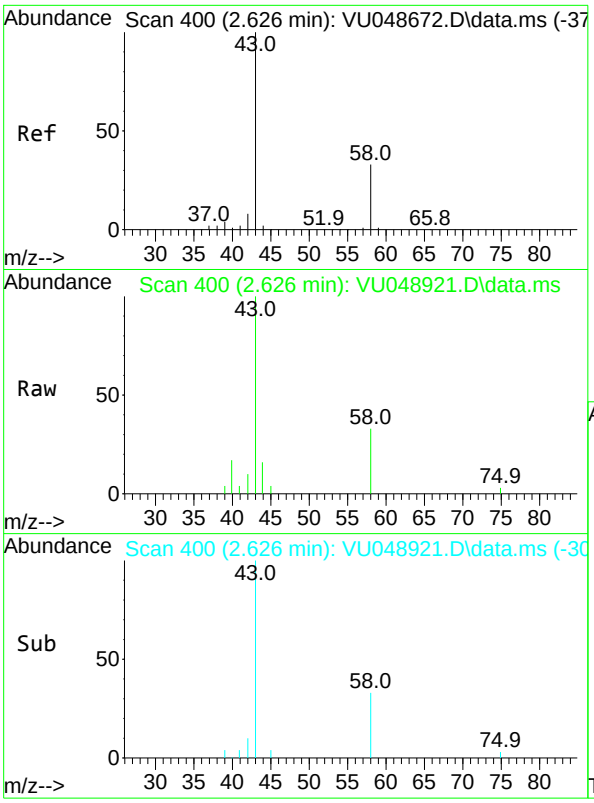


#4
Vinyl Chloride
Concen: 0.399 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Tgt Ion: 62 Resp: 1359

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.2	37.8



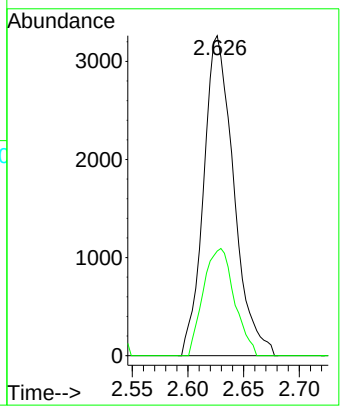


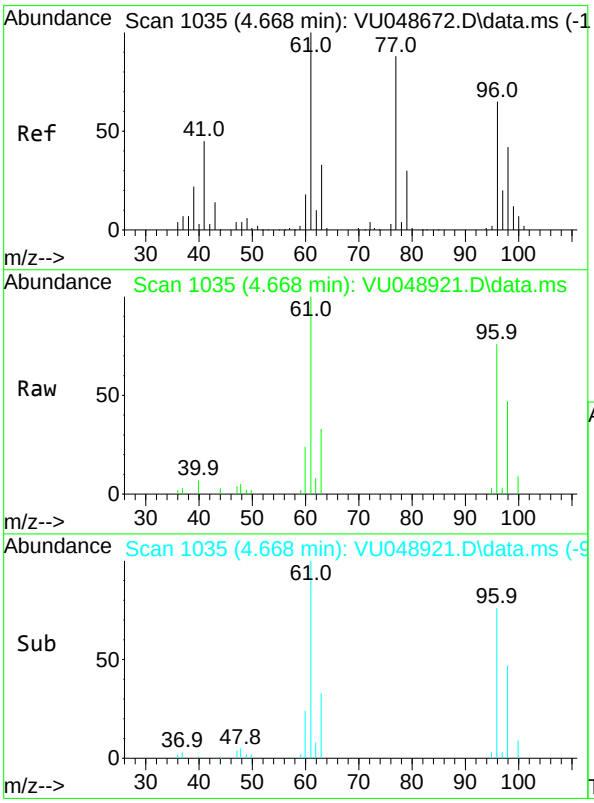
#16
Acetone
Concen: 3.217 ug/l
RT: 2.626 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion: 43 Resp: 6143

Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.3	39.5

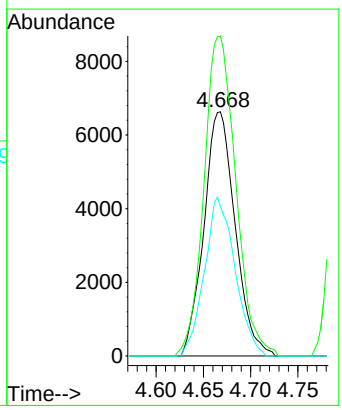


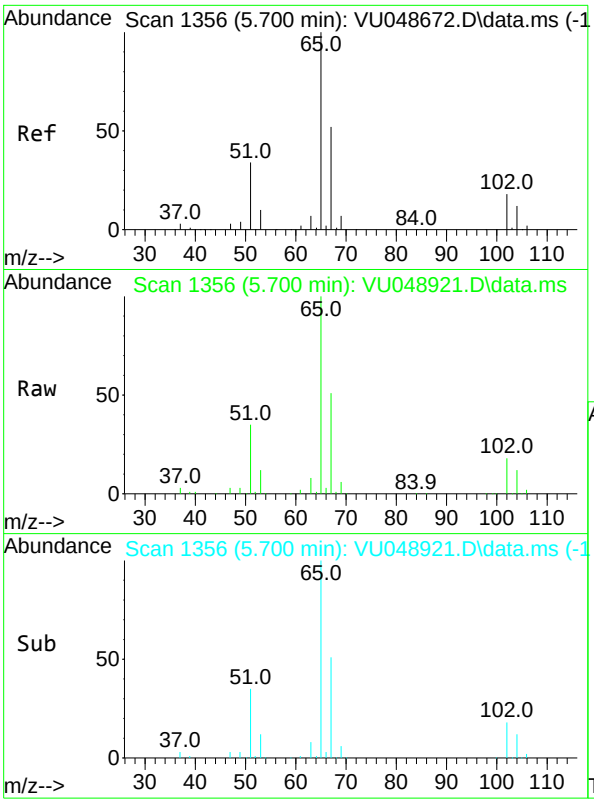


#27
cis-1,2-Dichloroethene
Concen: 4.536 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Tgt Ion: 96 Resp: 15249

Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	306.2
98	63.5	0.0	130.4



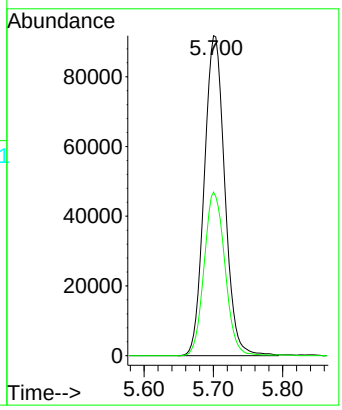


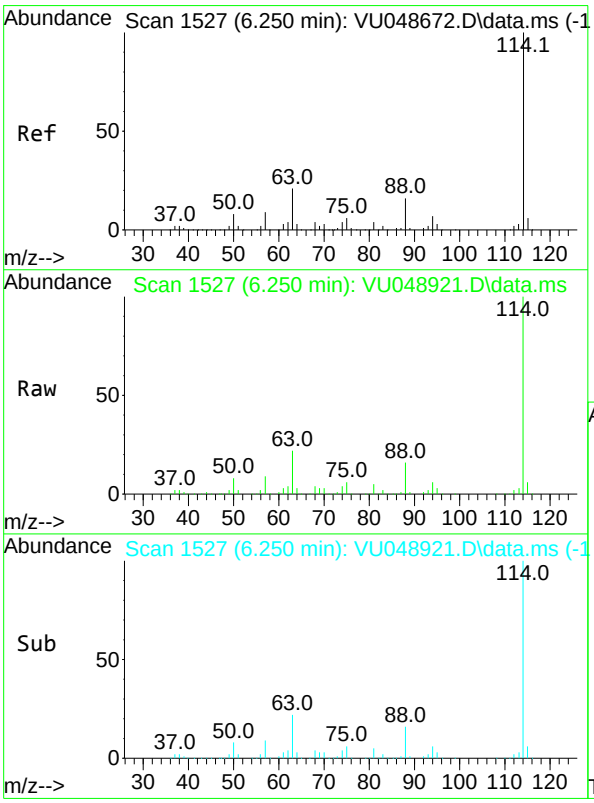
#33
1,2-Dichloroethane-d4
Concen: 50.336 ug/l
RT: 5.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion: 65 Resp: 188594

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

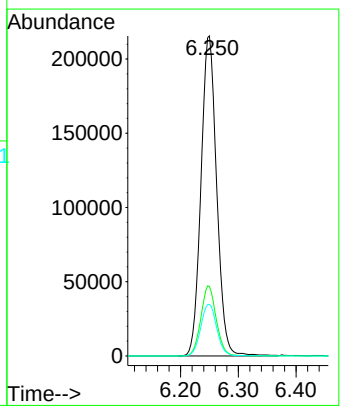


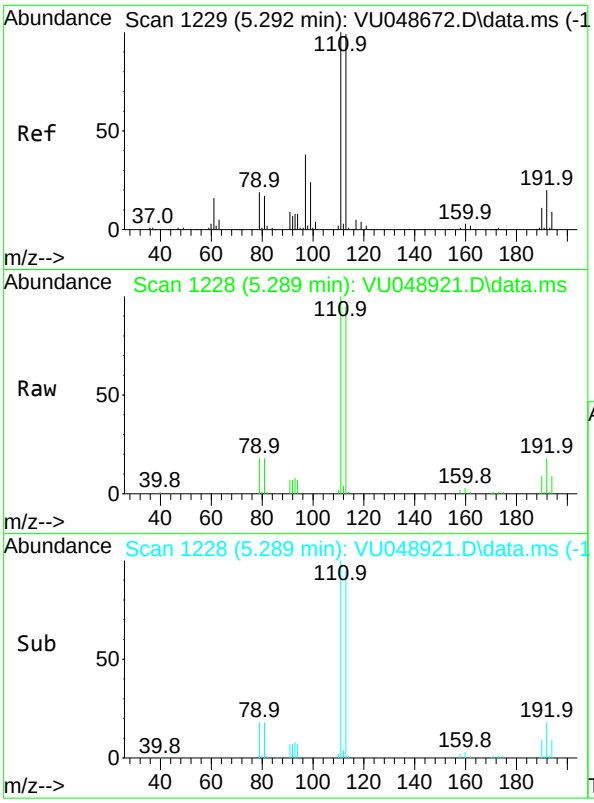


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Tgt Ion:114 Resp: 407321

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.6
88	16.2	0.0	32.2



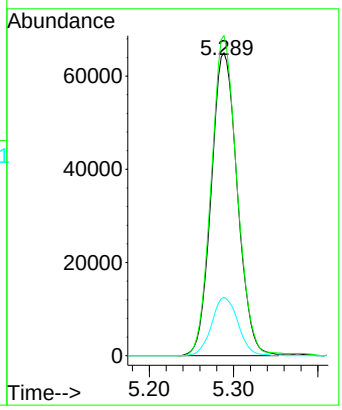


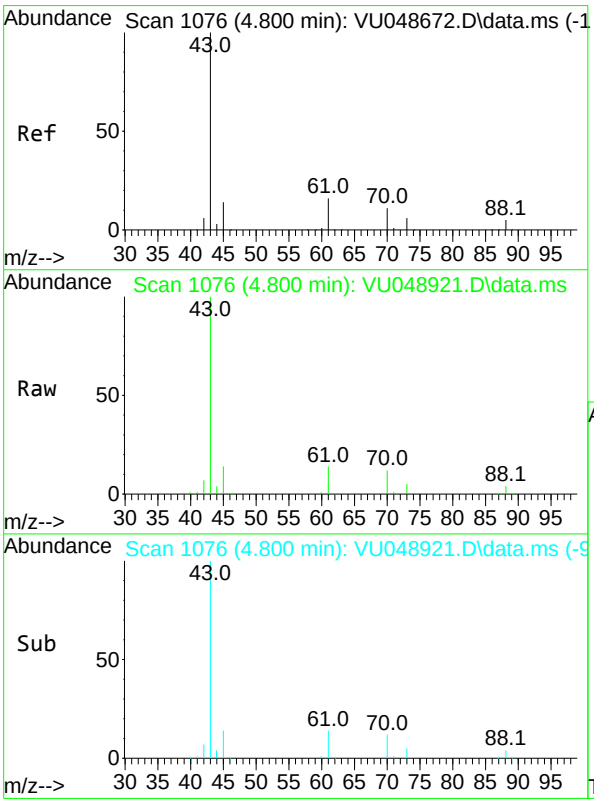
#35
Dibromofluoromethane
Concen: 48.217 ug/l
RT: 5.289 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion:113 Resp: 140116

Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.7	121.1
192	19.4	15.9	23.9

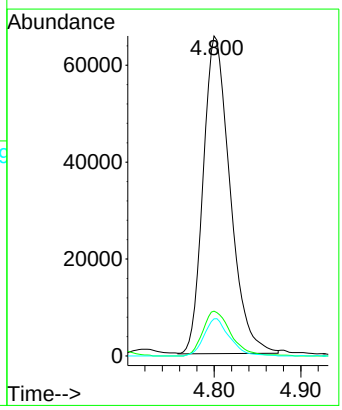


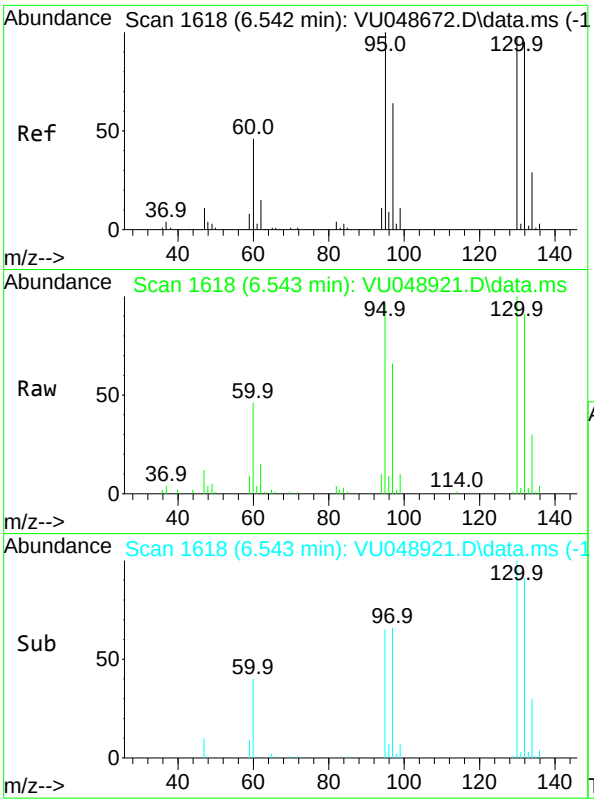


#37
Ethyl Acetate
Concen: 26.334 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Tgt Ion: 43 Resp: 141191

Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.7	17.5
70	11.2	8.4	12.6



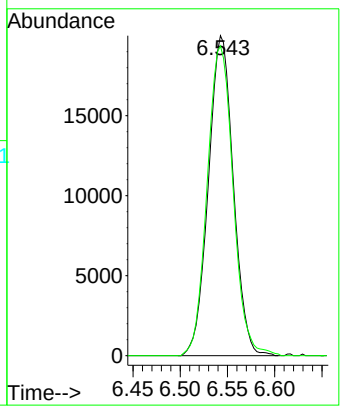


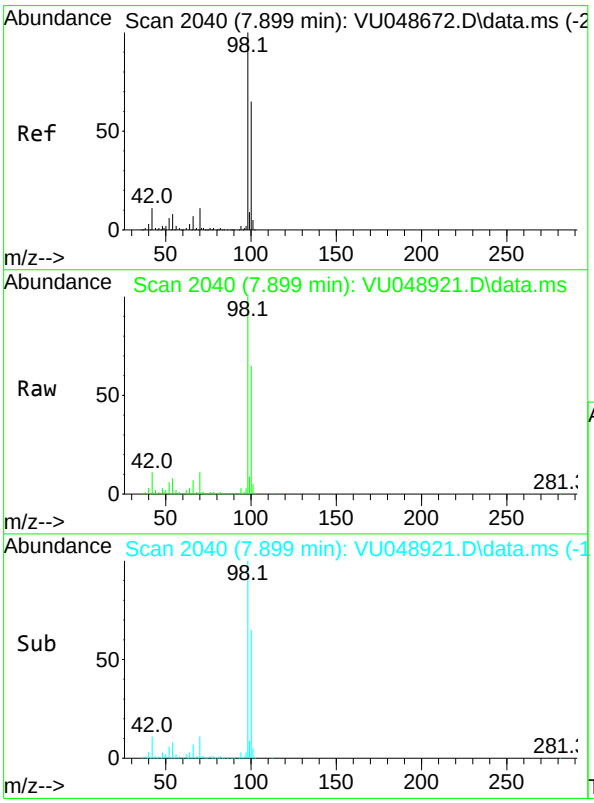
#44
Trichloroethene
Concen: 11.378 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion:130 Resp: 36703

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	204.8

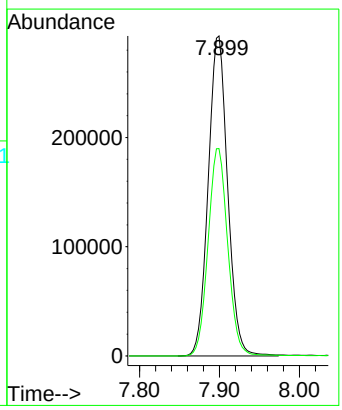


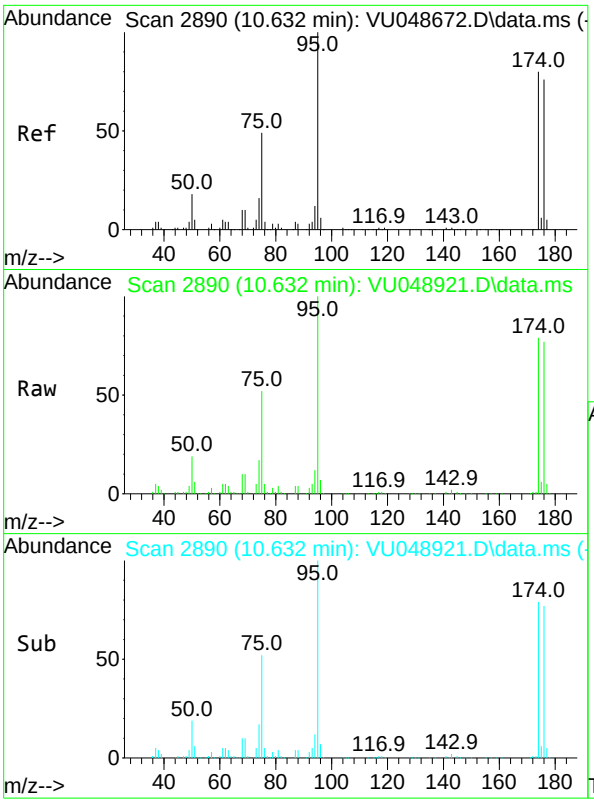


#50
Toluene-d8
Concen: 47.485 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Tgt Ion: 98 Resp: 494638

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4



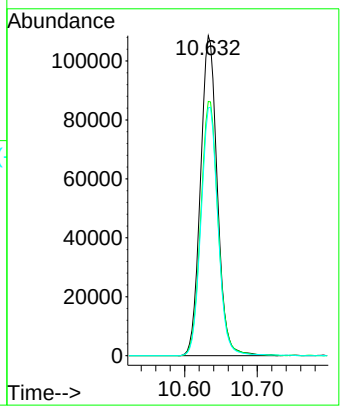


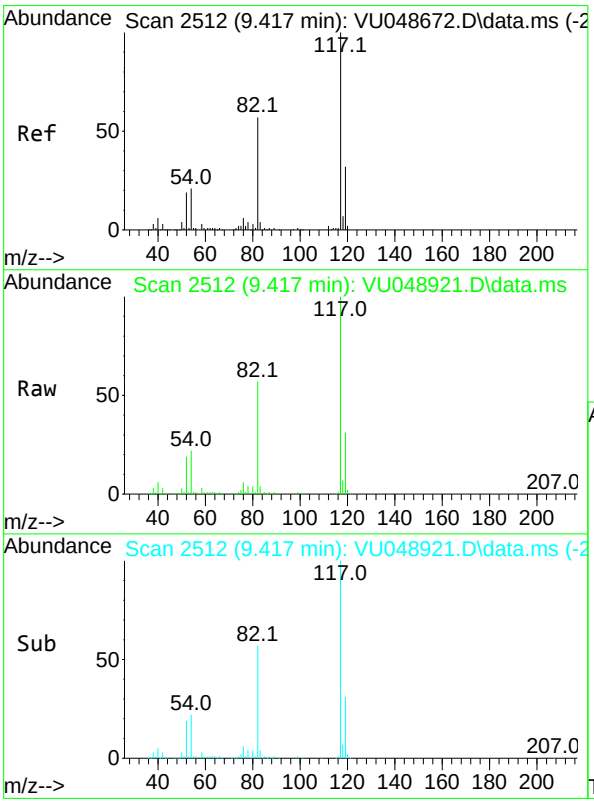
#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 10.632 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion: 95 Resp: 175174

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	159.4
176	78.4	0.0	152.4

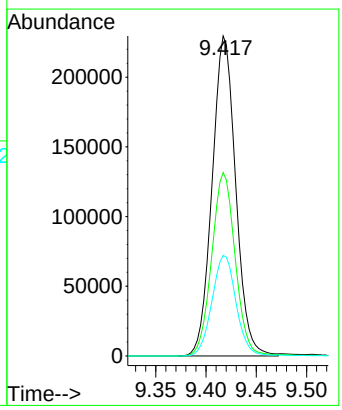


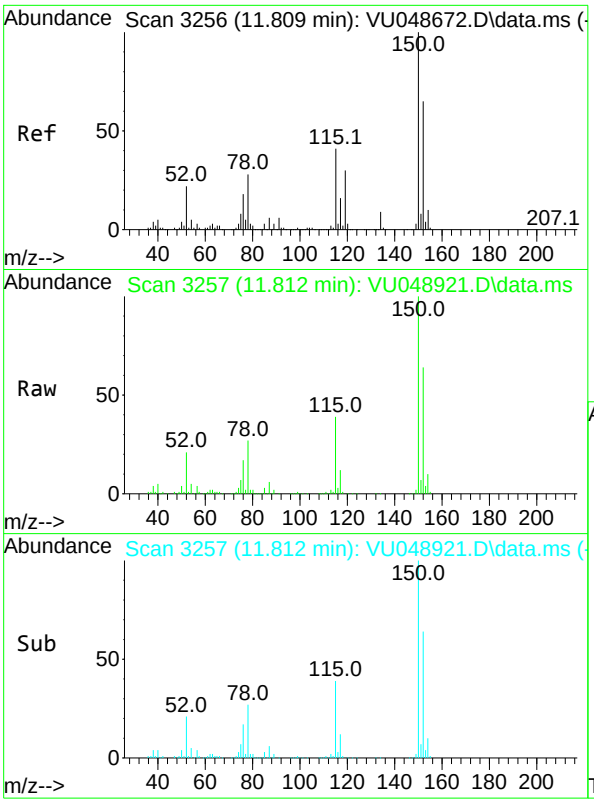


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Tgt Ion:117 Resp: 374254

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.3	67.9
119	31.4	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048921.D
Acq: 07 Jun 2022 19:45

Instrument :
MSVOA_U
ClientSampleId :
54BR-20220601

Tgt Ion:152 Resp: 160121

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.8	125.4
150	157.0	0.0	341.0