Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
Data File : VX026201.D
Acq On : 31 Dec 2021 04:48
Operator : JC/MD
Sample : PB141758ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Quant Time: Dec 31 21:36:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	138717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107938	53.785	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.580%			
35) Dibromofluoromethane	5.397	113	82944	53.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.500%			
50) Toluene-d8	8.653	98	295005	50.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.085	95	96377	46.730	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.460%			
Target Compounds						Qvalue
16) Acetone	2.386	43	11363	10.450	ug/l	94
20) Methylene Chloride	2.794	84	9445	4.574	ug/l #	85
43) Isopropyl Acetate	6.348	43	15144	3.190	ug/l #	94

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

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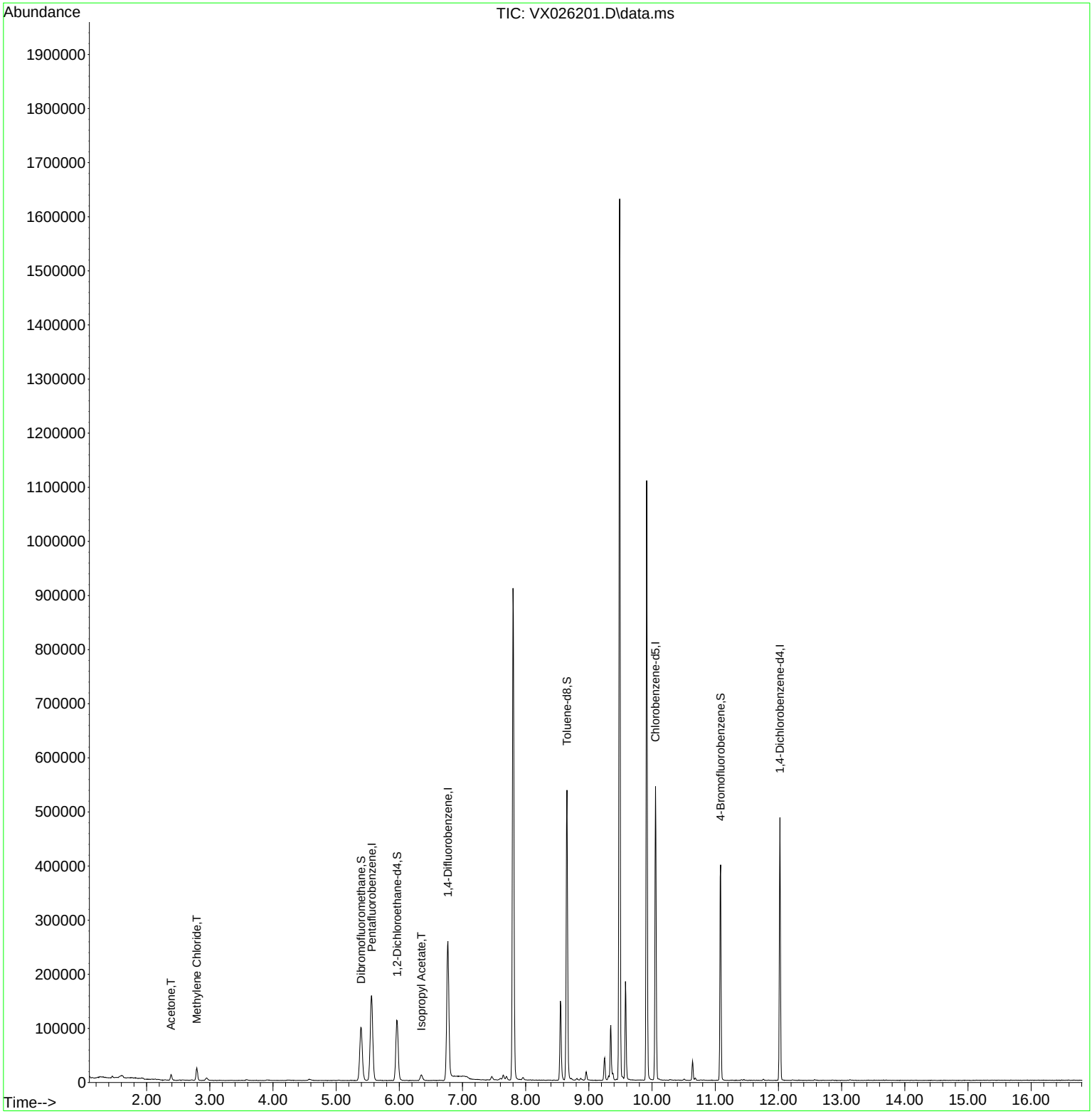
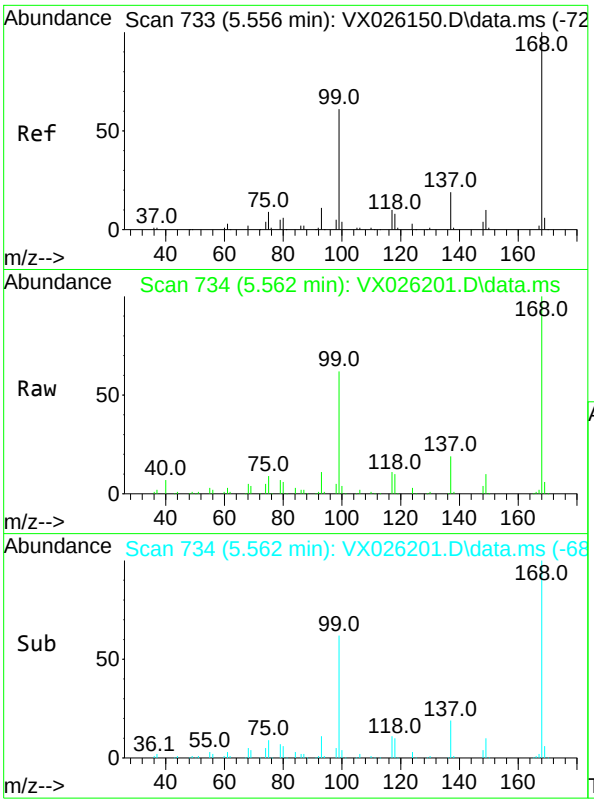


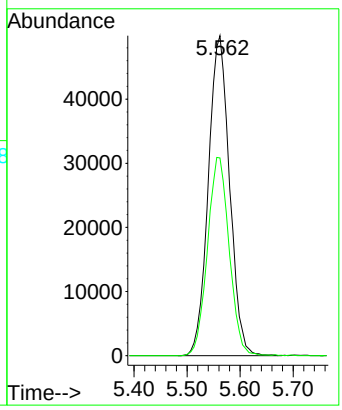


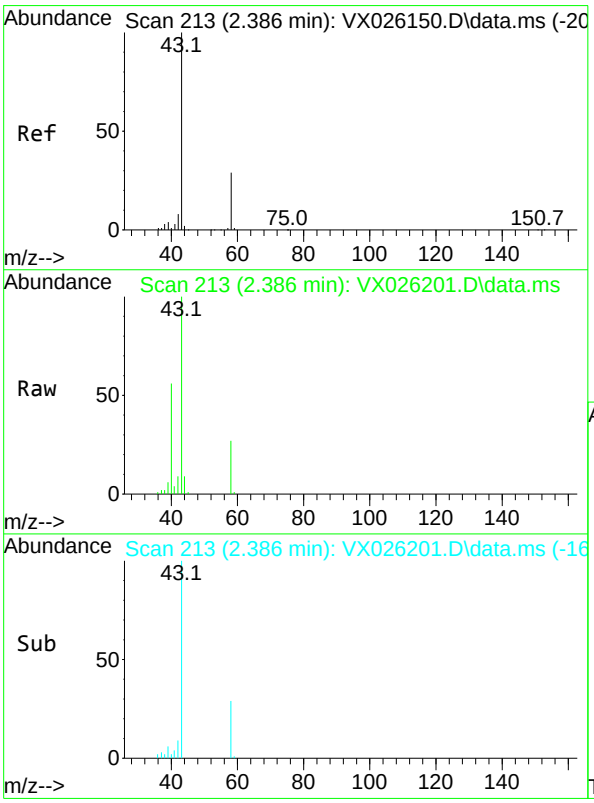
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Tgt Ion:168 Resp: 138717

Ion	Ratio	Lower	Upper
168	100		
99	61.8	45.8	68.8

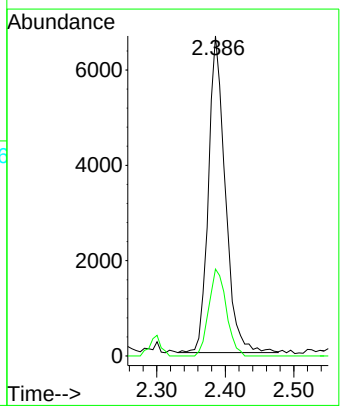


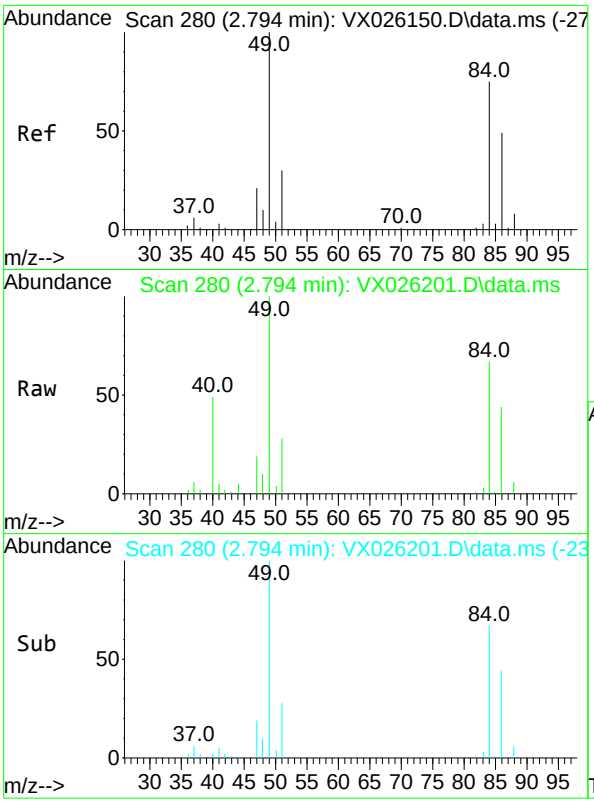


#16
Acetone
Concen: 10.450 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Tgt Ion: 43 Resp: 11363

Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.8	37.2



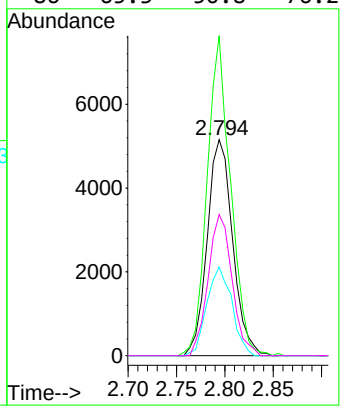


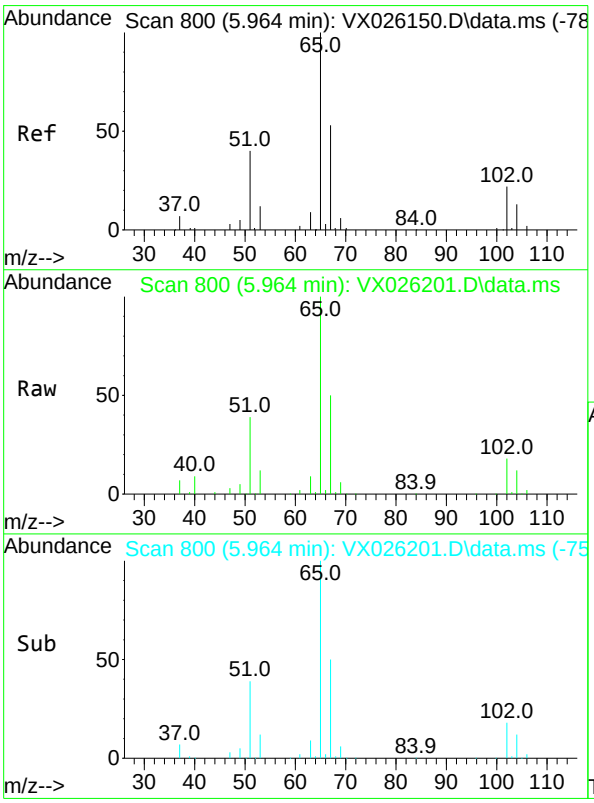
#20
Methylene Chloride
Concen: 4.574 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Tgt Ion: 84 Resp: 9445

Ion	Ratio	Lower	Upper
84	100		
49	148.2	97.1	145.7#
51	41.0	29.3	43.9
86	65.3	50.8	76.2

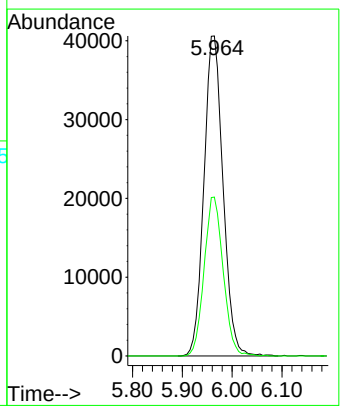


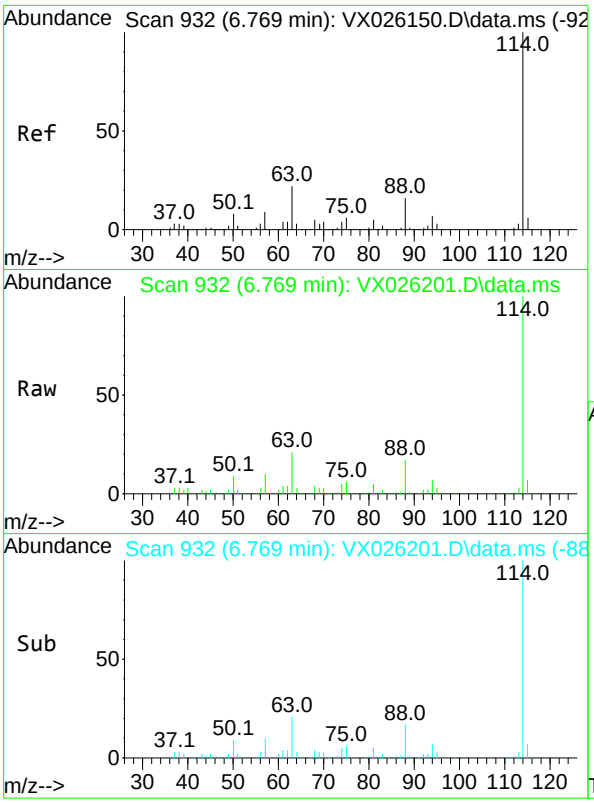


#33
1,2-Dichloroethane-d4
Concen: 53.785 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Tgt Ion: 65 Resp: 107938

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	103.4



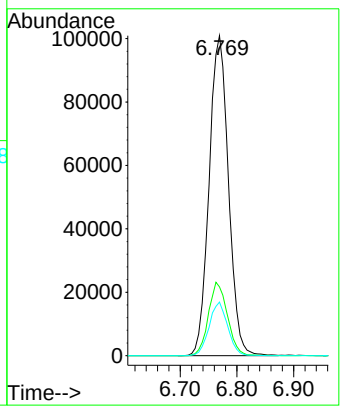


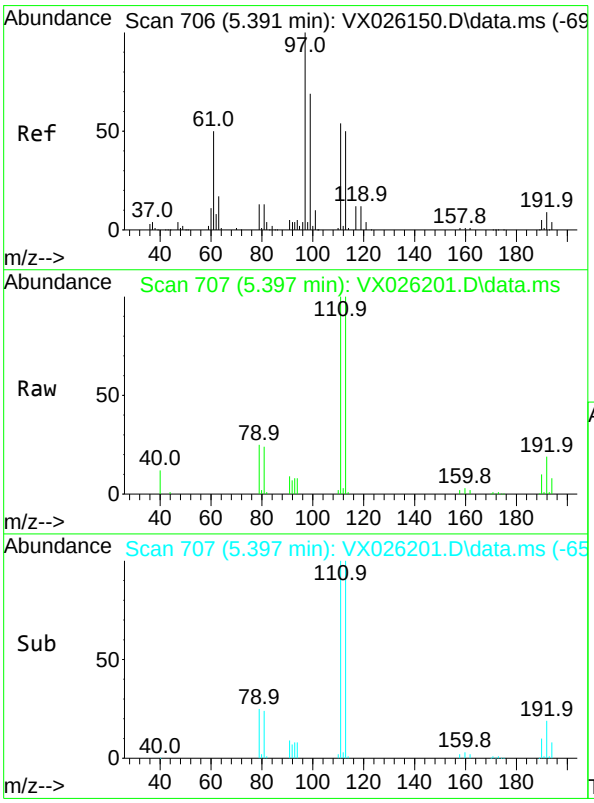
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Tgt Ion:114 Resp: 239575

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.0
88	16.8	0.0	30.6

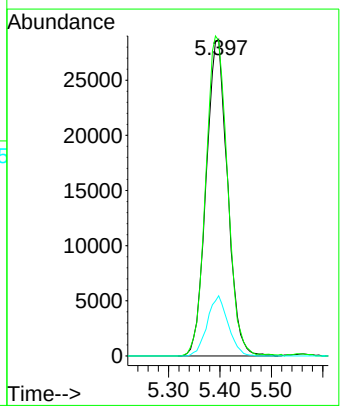


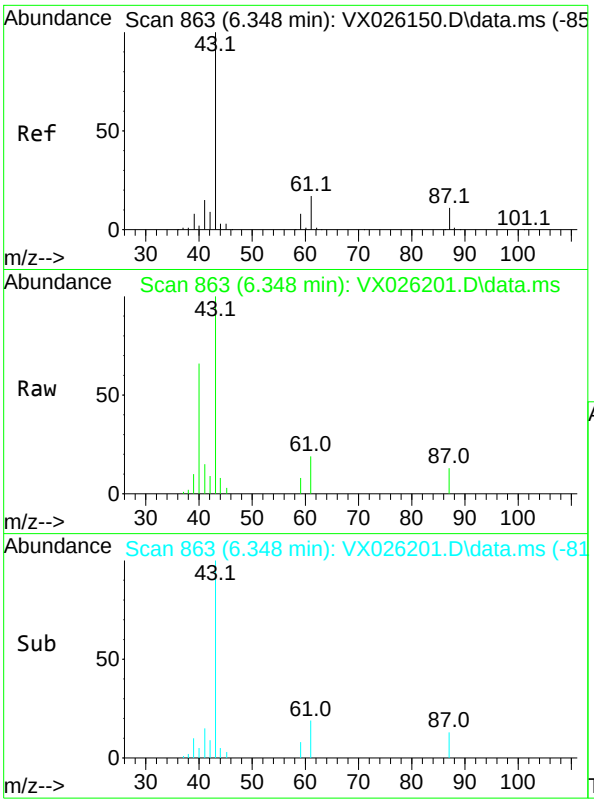


#35
Dibromofluoromethane
Concen: 53.253 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Tgt Ion:113 Resp: 82944

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.5	15.0	22.4



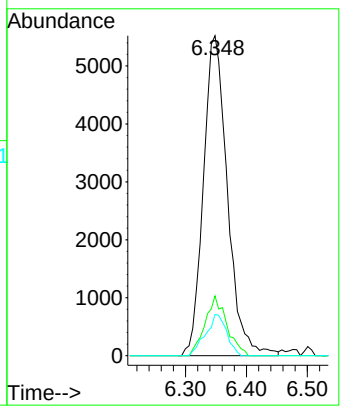


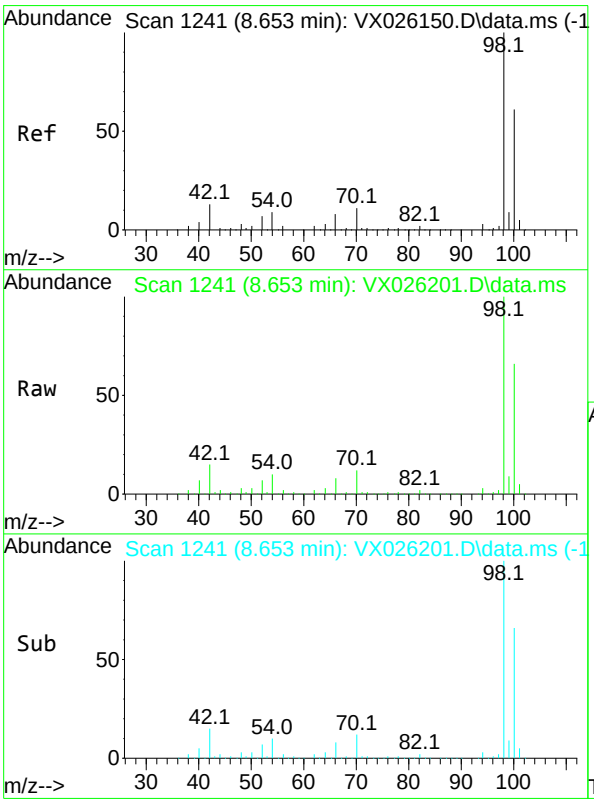
#43
Isopropyl Acetate
Concen: 3.190 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Tgt Ion: 43 Resp: 15144

Ion	Ratio	Lower	Upper
43	100		
61	16.8	15.7	23.5
87	11.2	11.2	16.8#

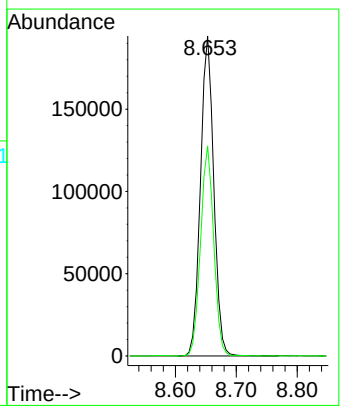


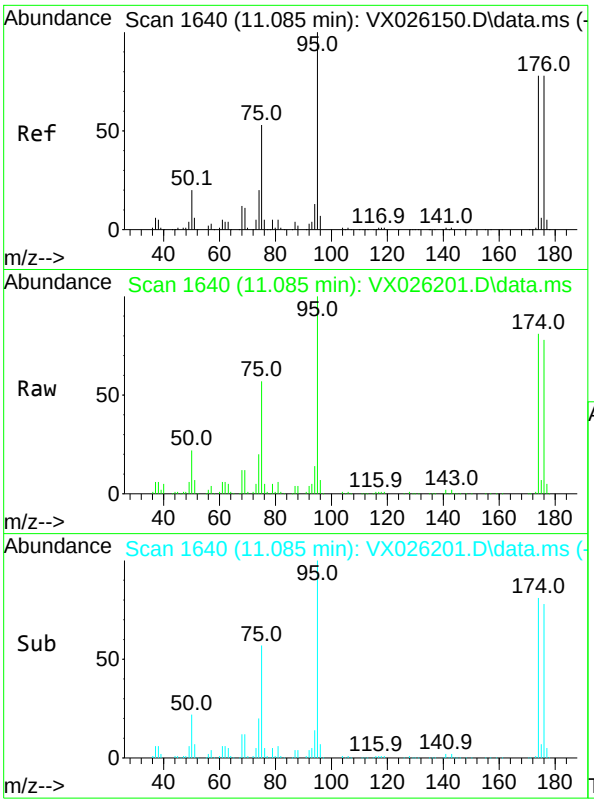


#50
Toluene-d8
Concen: 50.920 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Tgt Ion: 98 Resp: 295005

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8



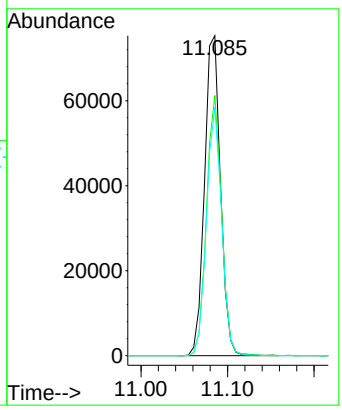


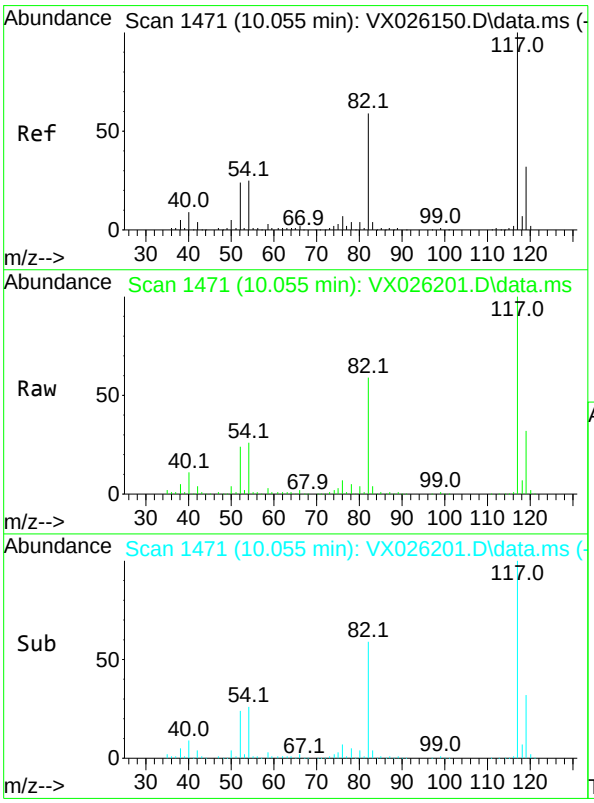
#62
4-Bromofluorobenzene
Concen: 46.730 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Tgt Ion: 95 Resp: 96377

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	157.4
176	73.8	0.0	154.6

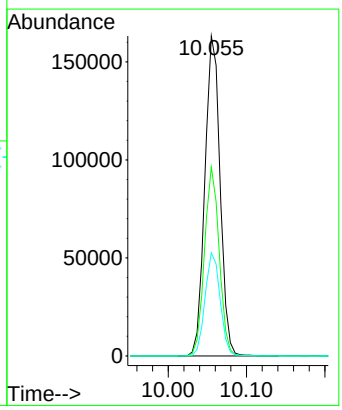


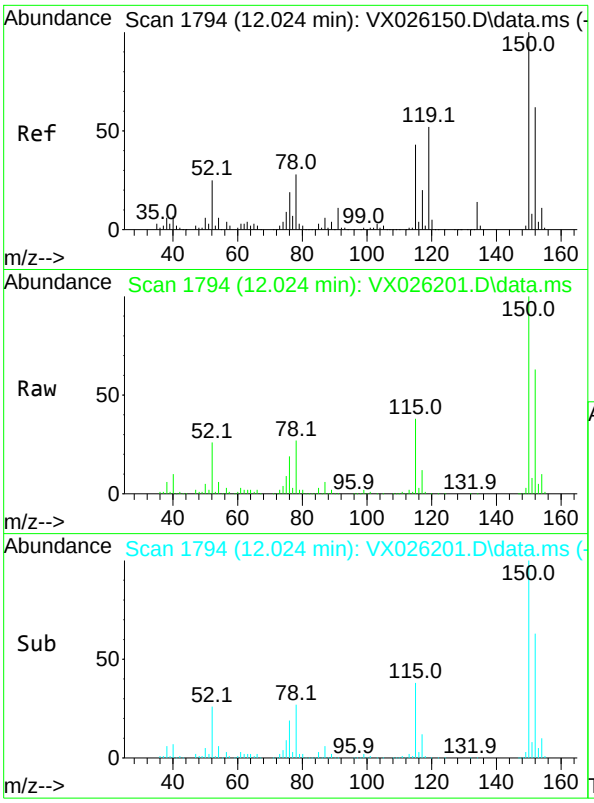


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Tgt Ion:117 Resp: 219587

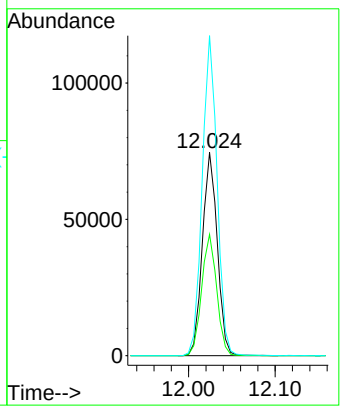
Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.8	65.6
119	32.3	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026201.D
Acq: 31 Dec 2021 04:48

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#02

Tgt Ion:152 Resp: 88988

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.3	123.9
150	156.9	0.0	351.8