Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032778.D
Acq On : 11 Nov 2022 16:34
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 14 05:14:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.903	128	10462	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	75139	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	78022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	31627	31.336	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.467%			
60) 4-Bromofluorobenzene	11.079	95	40513	27.145	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.500%			
63) Toluene-d8	8.653	98	78970	29.992	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.967%			
Target Compounds						Qvalue
6) Chloroethane	1.703	64	187	0.228	ug/l #	37
15) Acetone	2.392	58	109	0.776	ug/l #	11
18) Methylene Chloride	2.788	84	1087	0.926	ug/l #	83
56) Bromoform	11.085	173	329	0.339	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	384	0.251	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	22252	47.707	ug/l #	8

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

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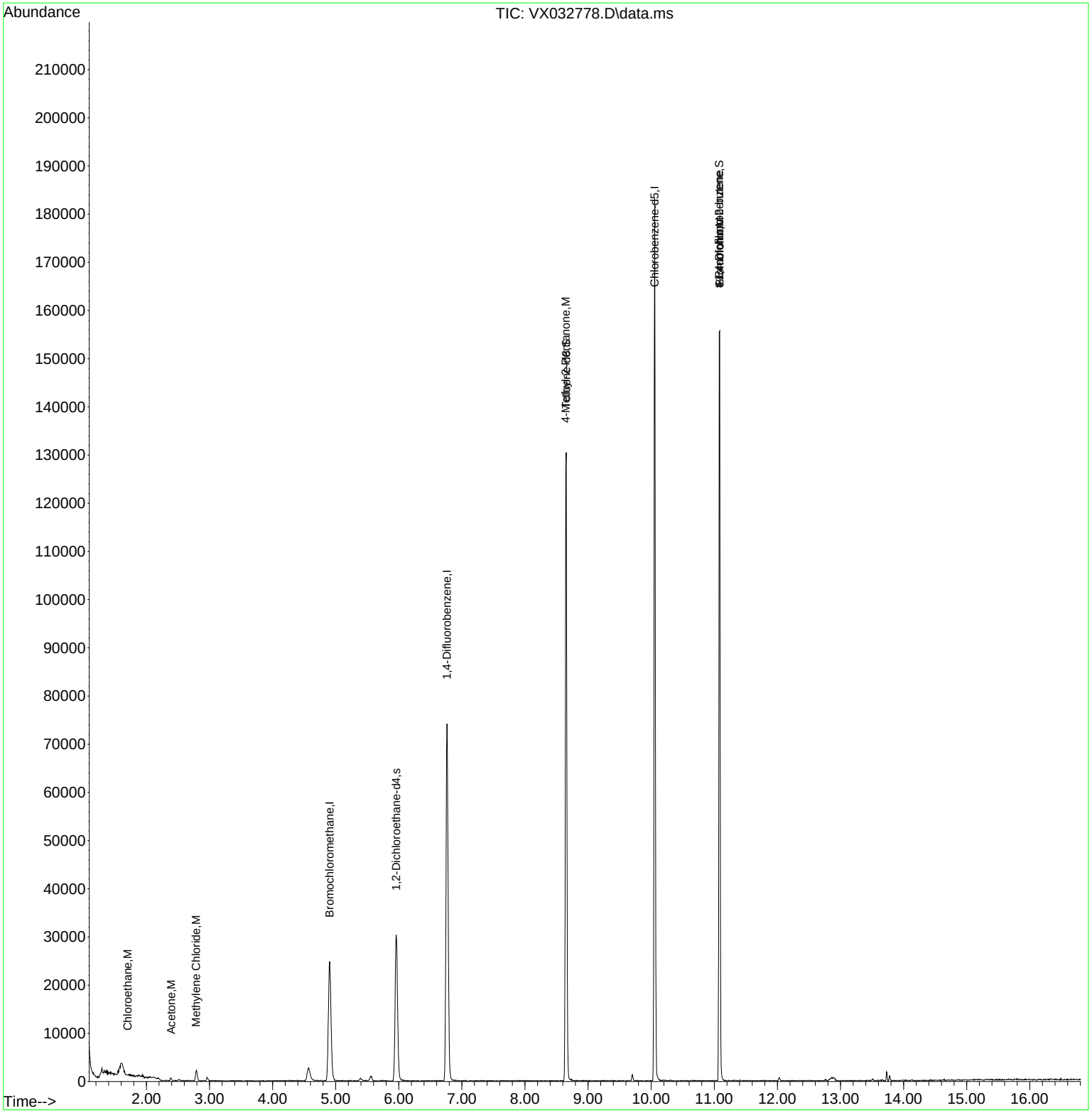
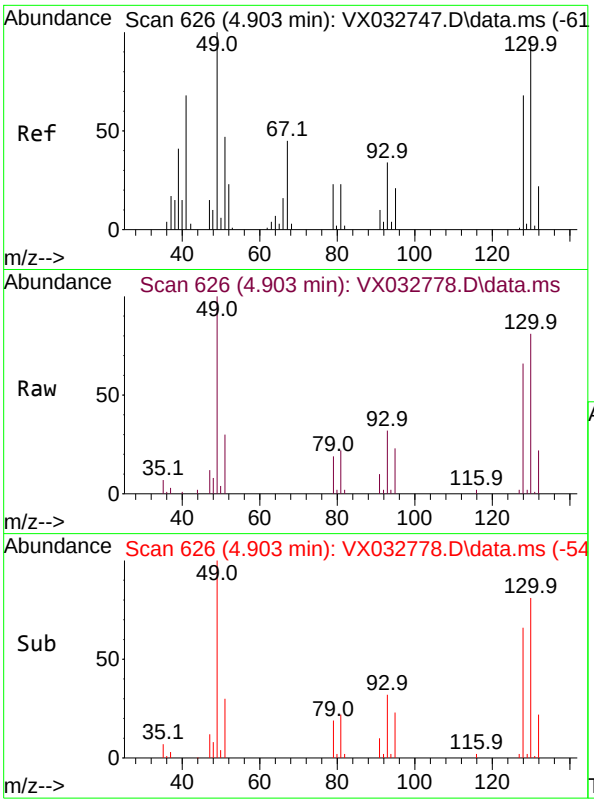


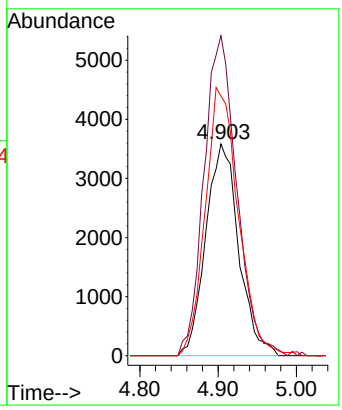


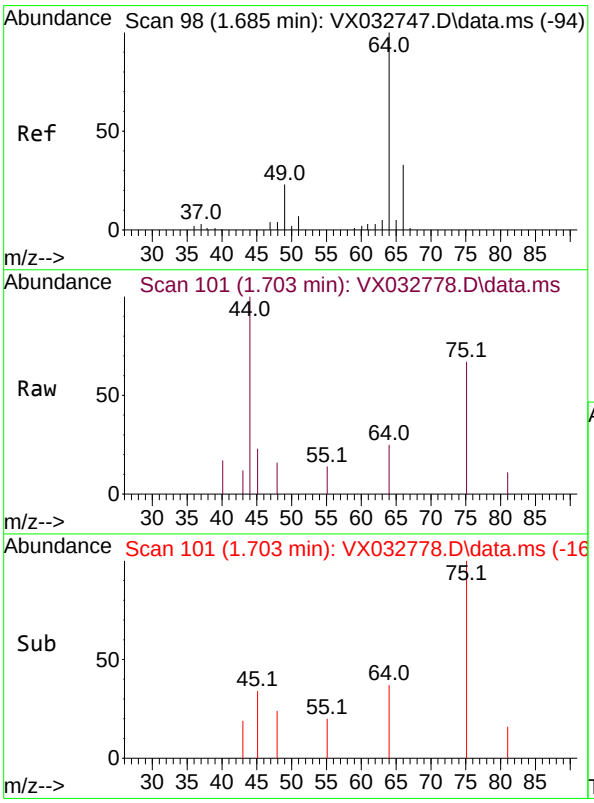
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 10462

Ion	Ratio	Lower	Upper
128	100		
49	150.3	0.0	293.0
130	127.4	0.0	321.5

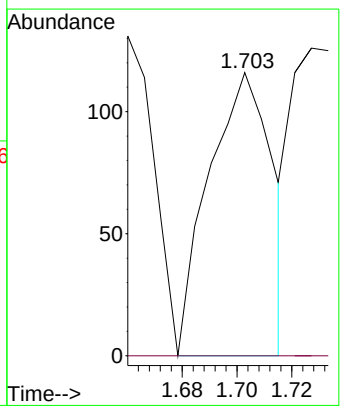


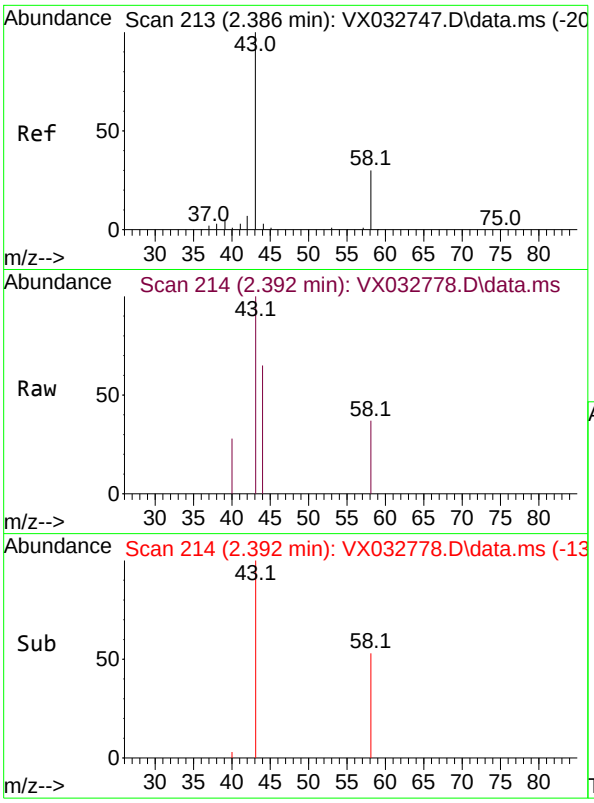


#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Tgt Ion: 64 Resp: 187

Ion	Ratio	Lower	Upper
64	100		
66	0.0	30.6	46.0#



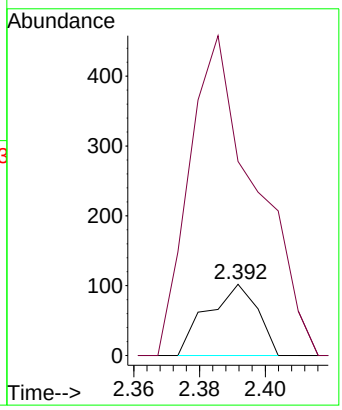


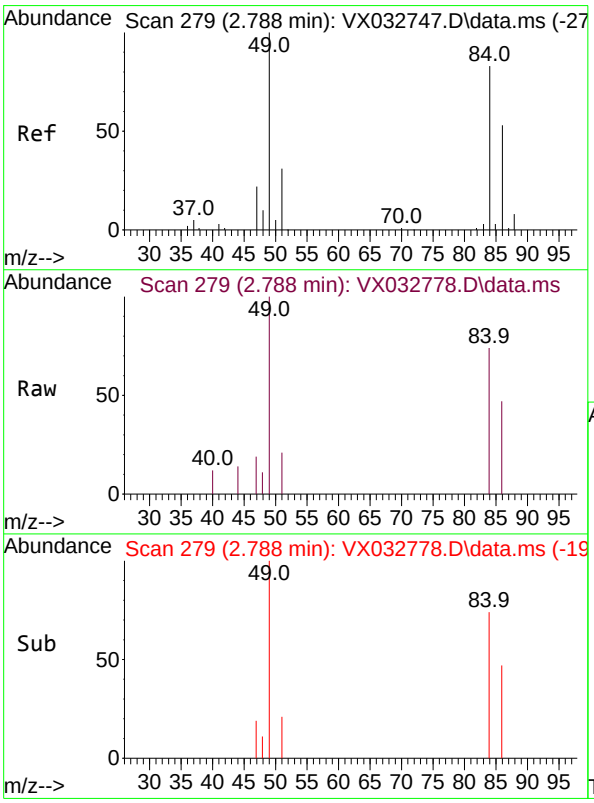
#15
Acetone
Concen: 0.776 ug/l
RT: 2.392 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 109

Ion	Ratio	Lower	Upper
58	100		
43	127.5	242.6	364.0#

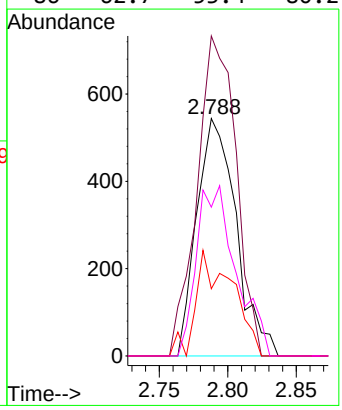


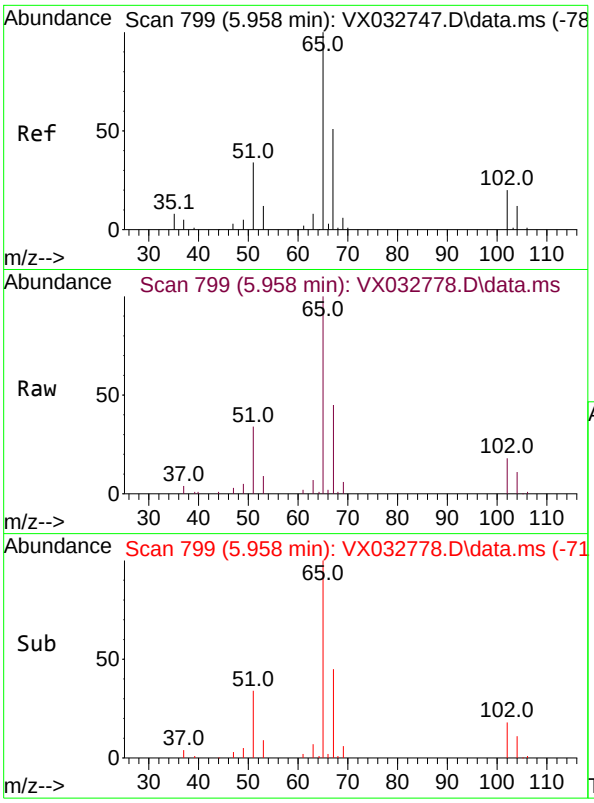


#18
Methylene Chloride
Concen: 0.926 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Tgt Ion: 84 Resp: 1087

Ion	Ratio	Lower	Upper
84	100		
49	134.7	84.6	127.0#
51	28.3	26.5	39.7
86	62.7	53.4	80.2



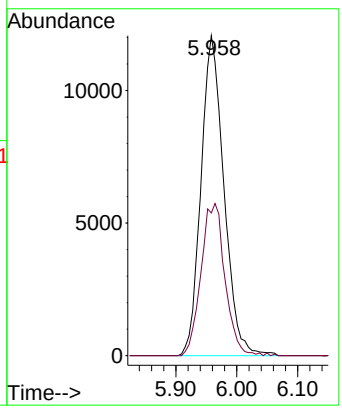


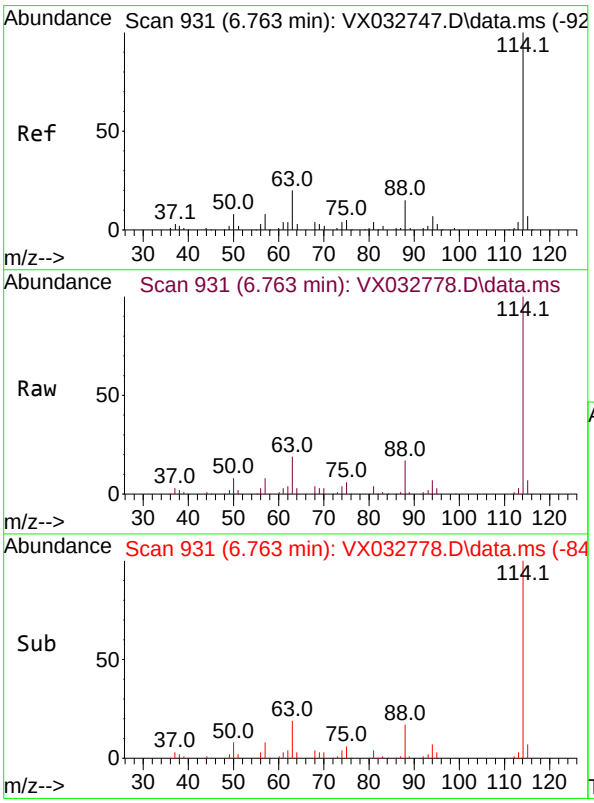
#27
1,2-Dichloroethane-d4
Concen: 31.336 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 31627

Ion	Ratio	Lower	Upper
65	100		
67	49.3	41.8	62.6

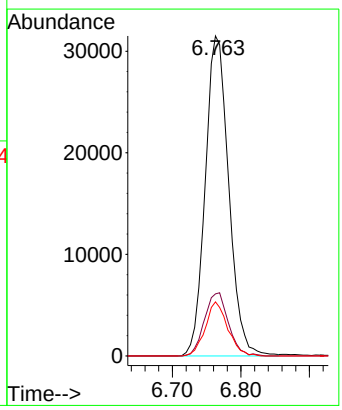


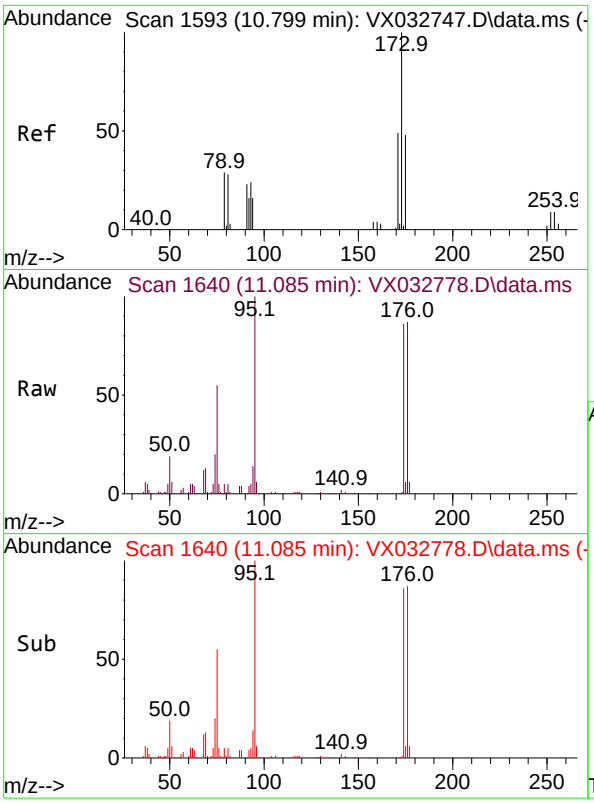


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Tgt Ion:114 Resp: 75139

Ion	Ratio	Lower	Upper
114	100		
63	19.9	13.6	20.4
88	16.0	11.8	17.6



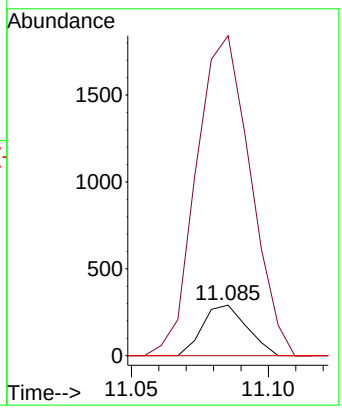


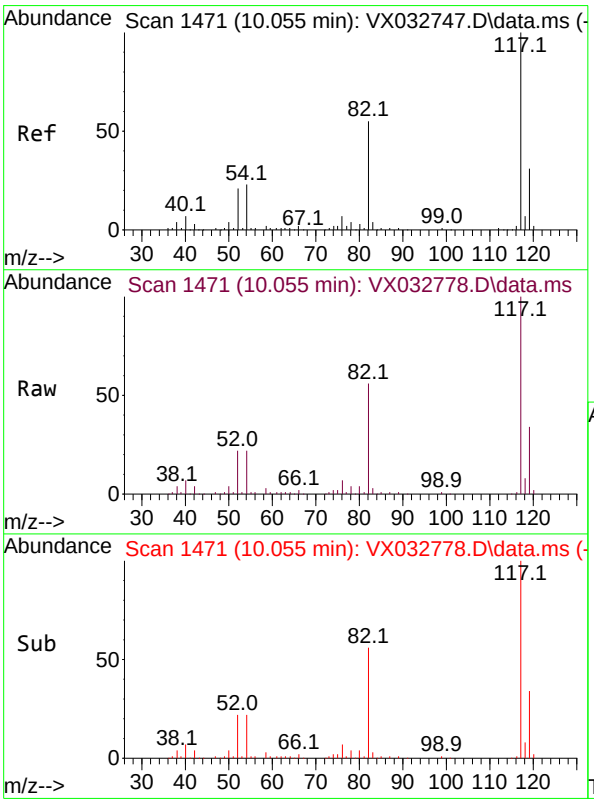
#56
Bromoform
Concen: 0.339 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.287 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:173 Resp: 329

Ion	Ratio	Lower	Upper
173	100		
175	769.0	38.6	58.0#
254	0.0	6.8	10.2#

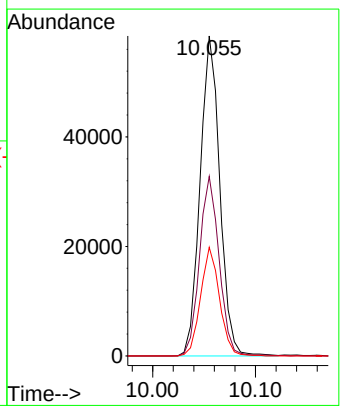


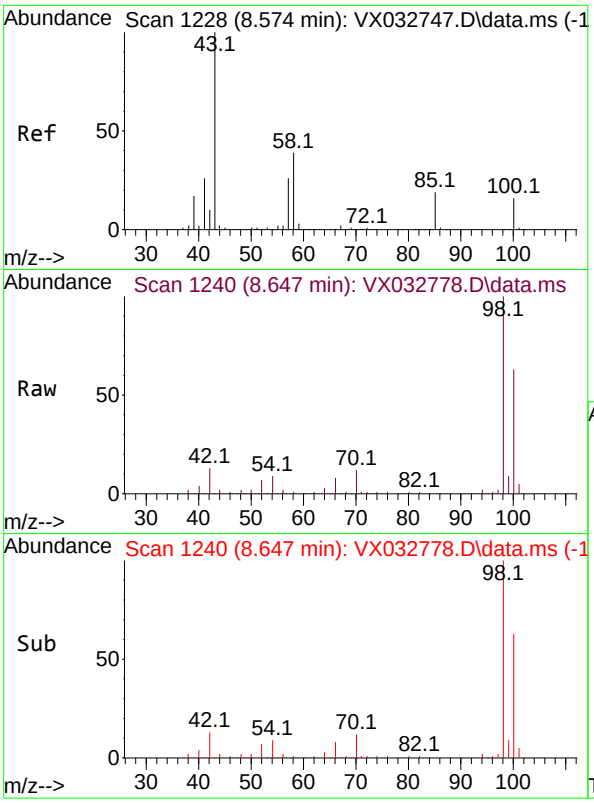


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Tgt Ion:117 Resp: 78022

Ion	Ratio	Lower	Upper
117	100		
82	55.7	40.0	60.0
119	32.6	26.0	39.0



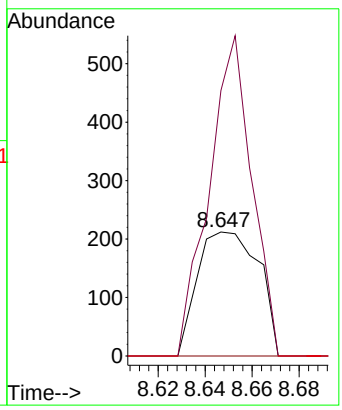


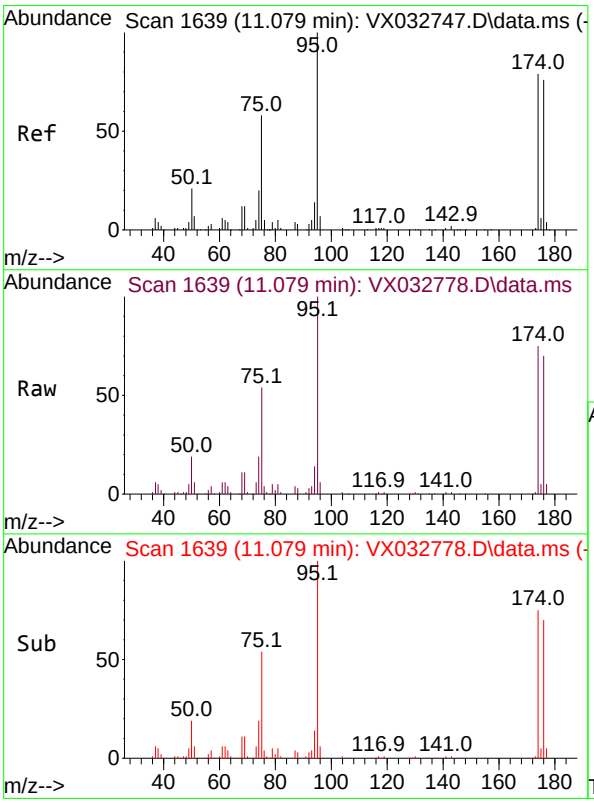
#58
4-Methyl-2-Pentanone
Concen: 0.251 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.073 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 384

Ion	Ratio	Lower	Upper
43	100		
58	181.0	34.9	52.3#
85	0.0	19.4	29.2#

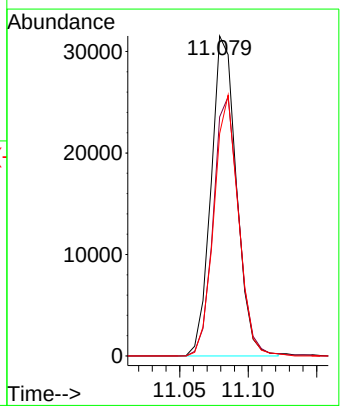


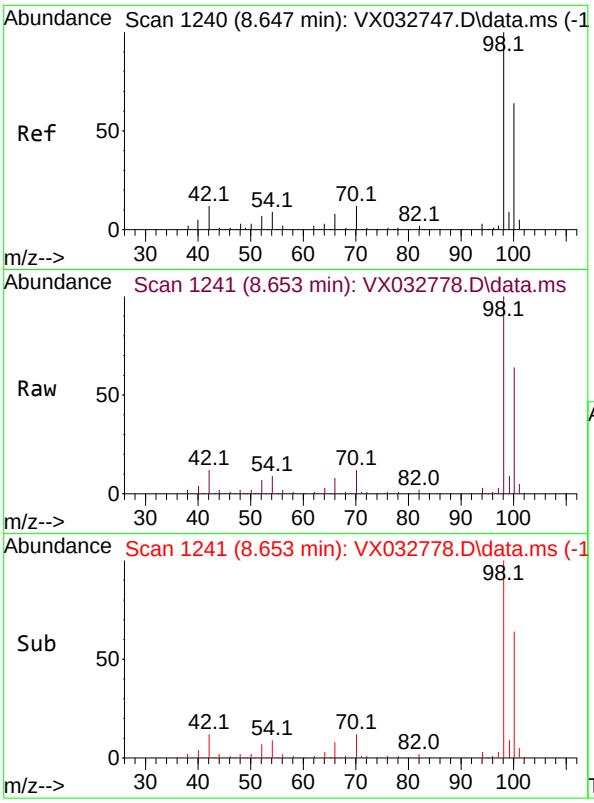


#60
4-Bromofluorobenzene
Concen: 27.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Tgt Ion: 95 Resp: 40513

Ion	Ratio	Lower	Upper
95	100		
174	81.0	68.2	102.2
176	78.8	68.1	102.1



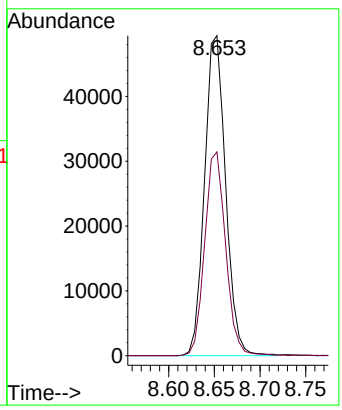


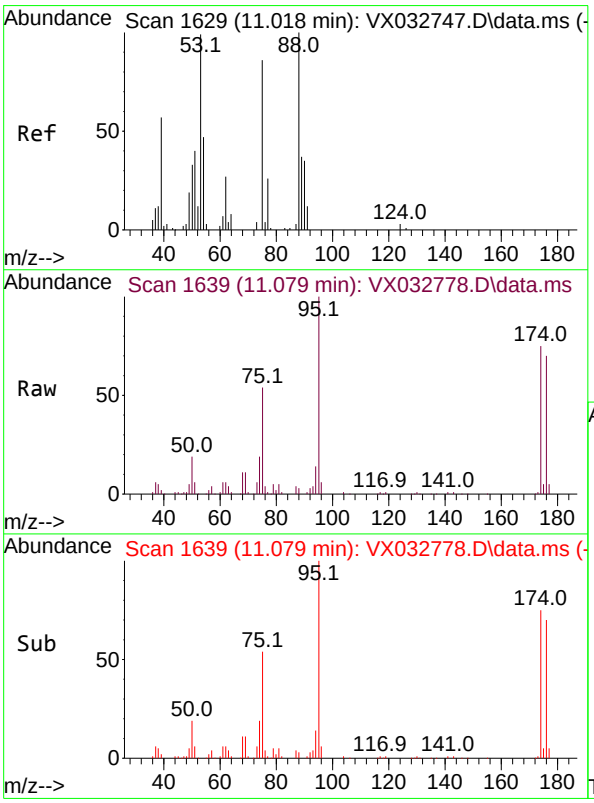
#63
Toluene-d8
Concen: 29.992 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 78970

Ion	Ratio	Lower	Upper
98	100		
100	63.4	53.8	80.8





#77
t-1,4-Dichloro-2-butene
Concen: 47.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032778.D
Acq: 11 Nov 2022 16:34

Tgt Ion: 75 Resp: 22252

Ion	Ratio	Lower	Upper
75	100		
53	0.0	51.8	155.4#
89	0.0	22.9	68.8#