Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034782.D
Acq On : 28 Mar 2023 10:27
Operator : JC/MD
Sample : VX0328WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Quant Time: Mar 28 15:17:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 28 09:11:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.898	128	27163	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	195540	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	200820	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	79742	30.553	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	11.079	95	107885	26.886	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.633%			
63) Toluene-d8	8.647	98	206284	30.227	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						Qvalue
15) Acetone	2.398	58	109	0.244	ug/l #	13
16) Carbon Disulfide	2.514	76	1745	0.253	ug/l	99
18) Methylene Chloride	2.788	84	863	0.272	ug/l	92
23) tert-Butyl Alcohol	2.947	59	641	0.867	ug/l #	85
56) Bromoform	11.085	173	965	0.435	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	57844	44.197	ug/l #	4
90) Hexachlorobutadiene	13.719	225	1114	0.762	ug/l	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034782.D
Acq On : 28 Mar 2023 10:27
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Sample : VX0328WBL01
Misc : 5.0mL/MSVOA_X/WATER
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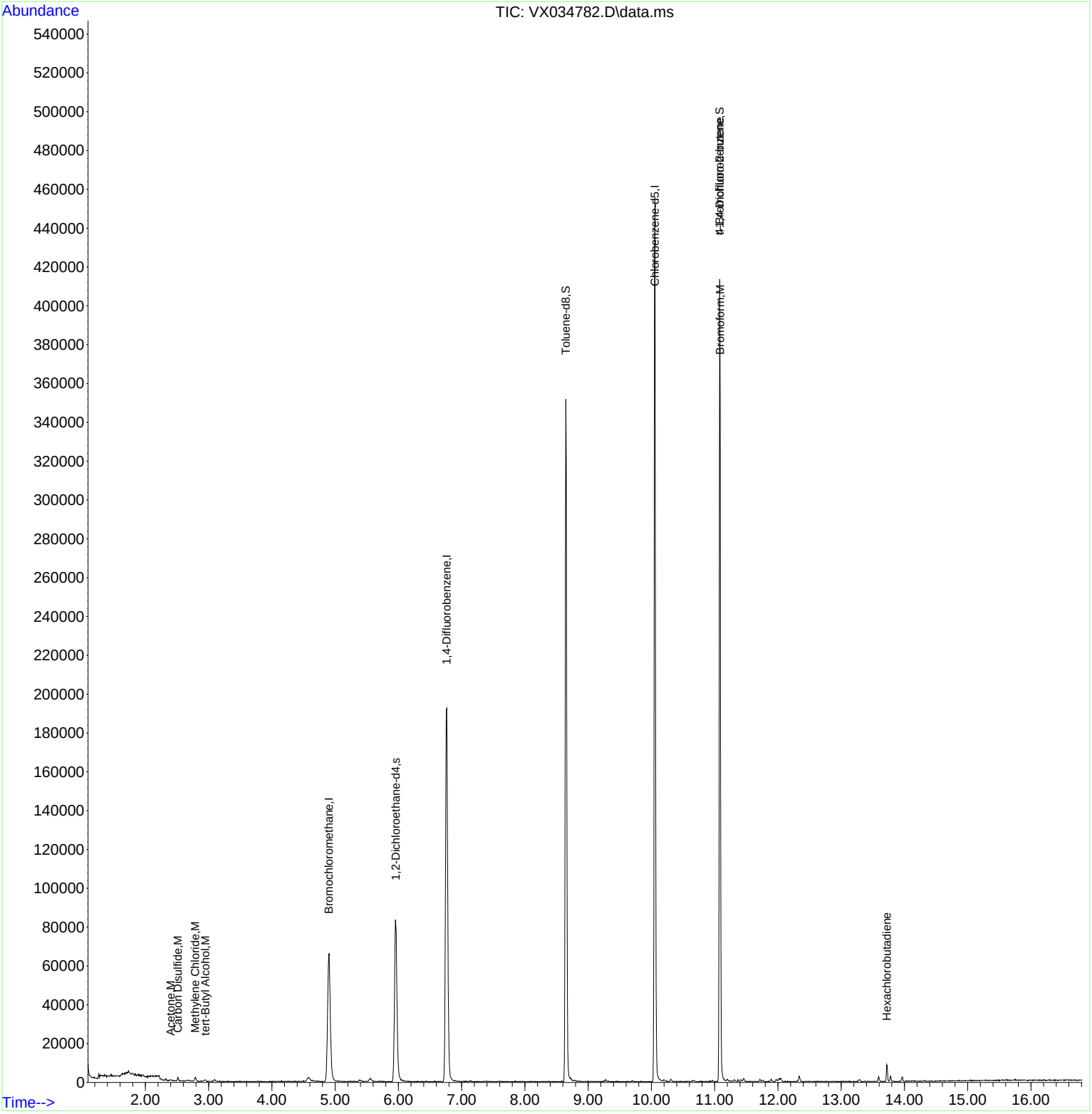
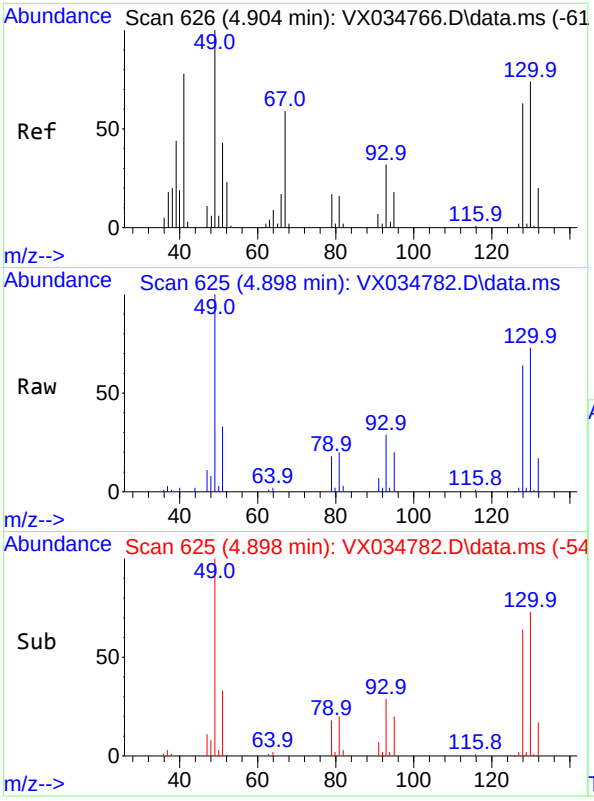


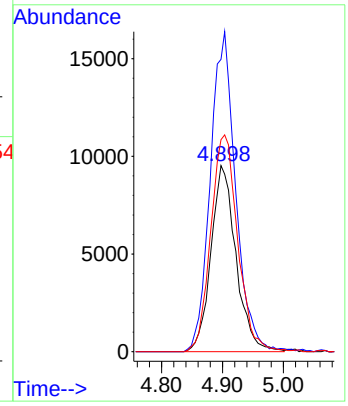


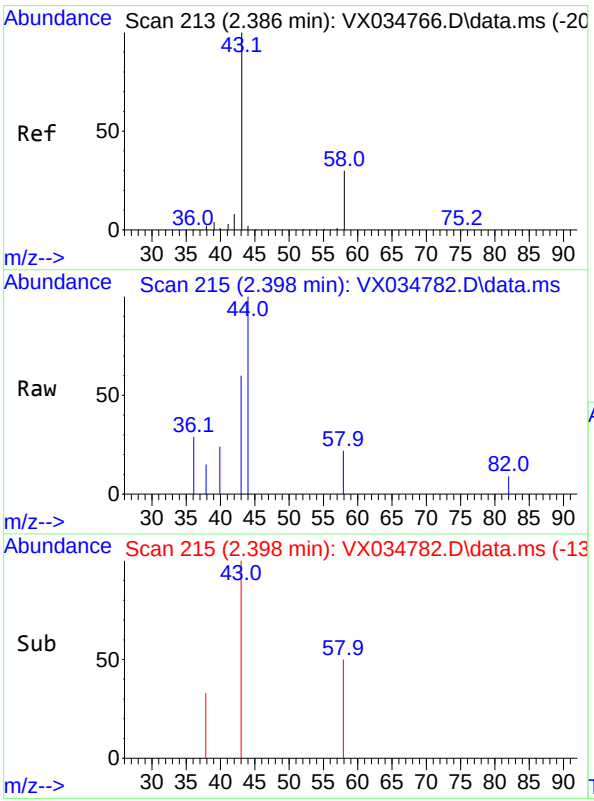
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion:128 Resp: 27163

Ion	Ratio	Lower	Upper
128	100		
49	172.8	0.0	428.8
130	125.5	0.0	310.8

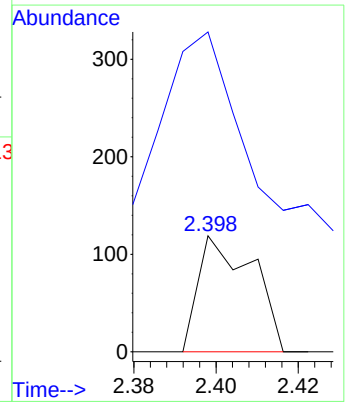


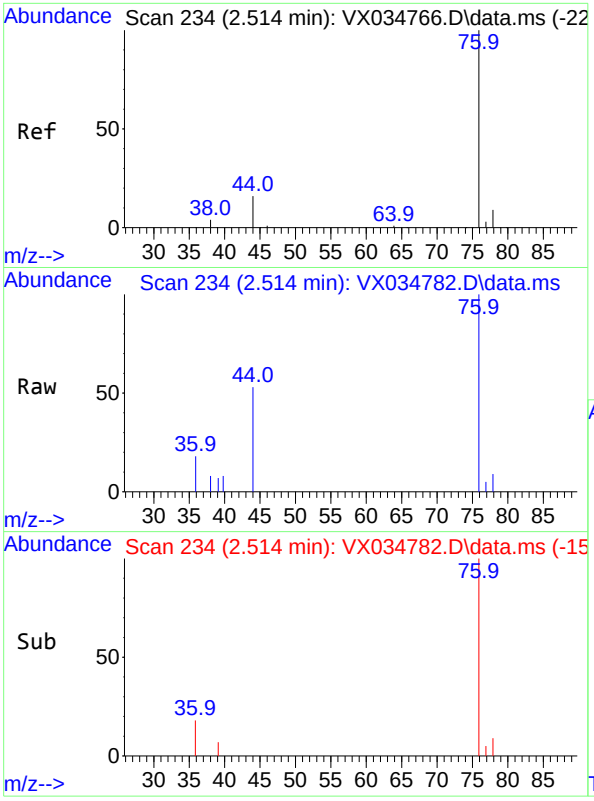


#15
Acetone
Concen: 0.244 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Tgt Ion: 58 Resp: 109

Ion	Ratio	Lower	Upper
58	100		
43	153.8	270.8	406.2#



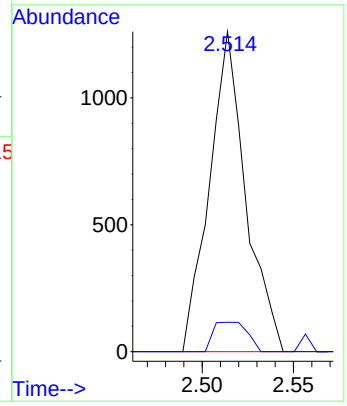


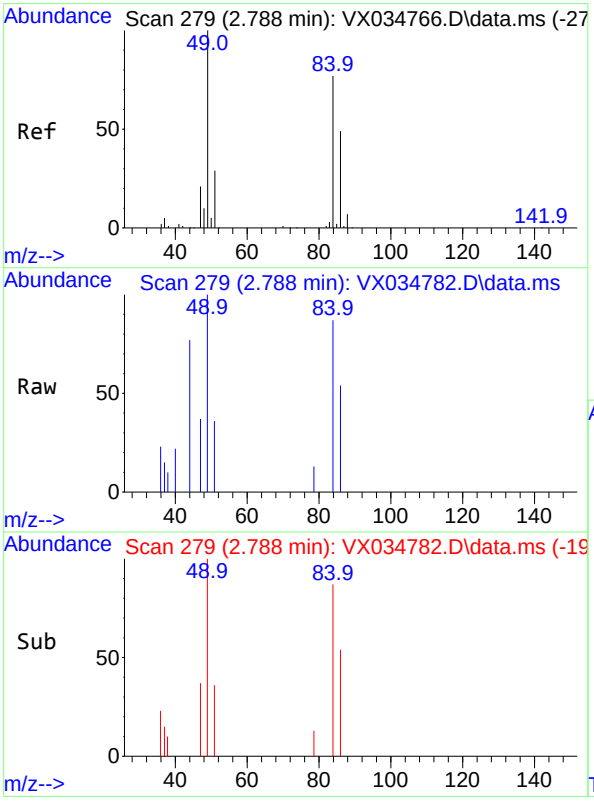
#16
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion: 76 Resp: 1745

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

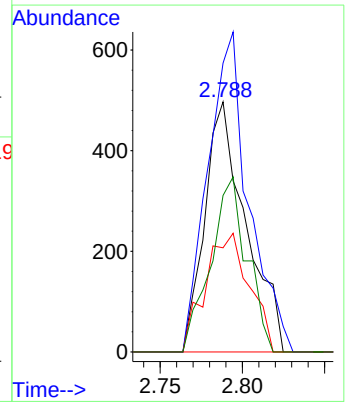


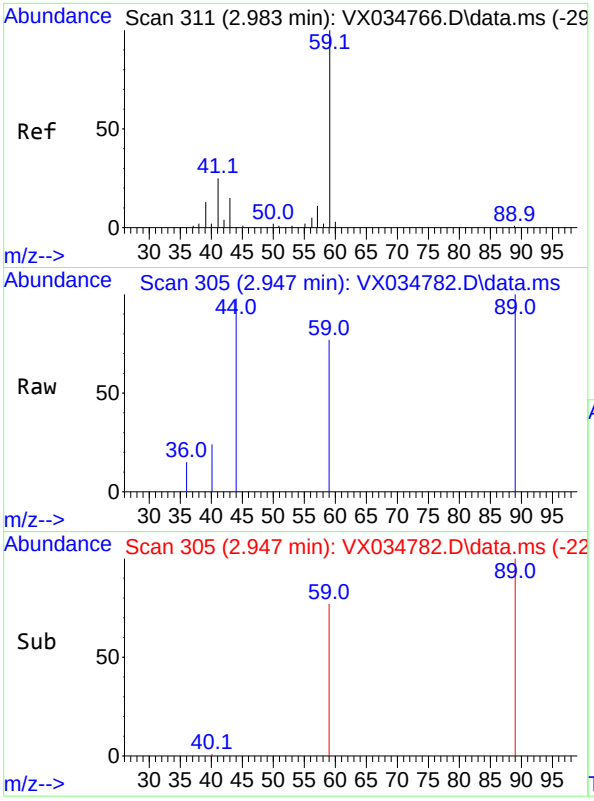


#18
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Tgt Ion: 84 Resp: 863

Ion	Ratio	Lower	Upper
84	100		
49	115.5	103.9	155.9
51	41.6	30.6	45.8
86	62.6	50.6	75.8



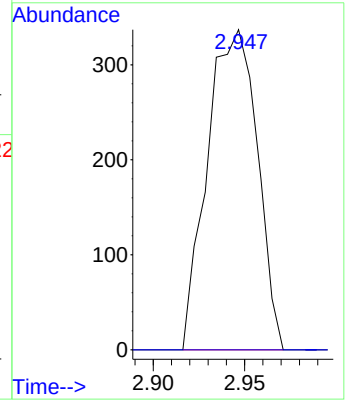


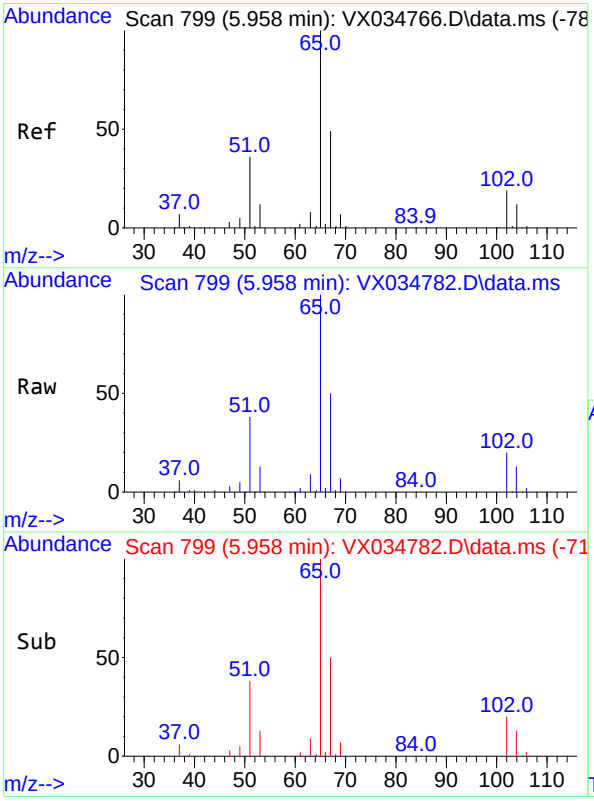
#23
tert-Butyl Alcohol
Concen: 0.867 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.036 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion: 59 Resp: 641

Ion	Ratio	Lower	Upper
59	100		
52	14.5	0.2	0.4#

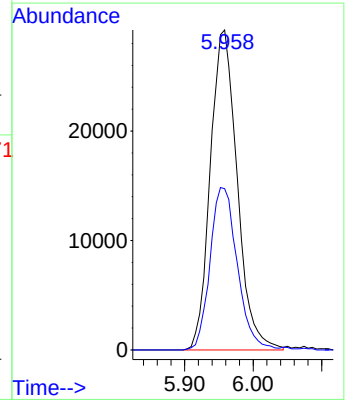


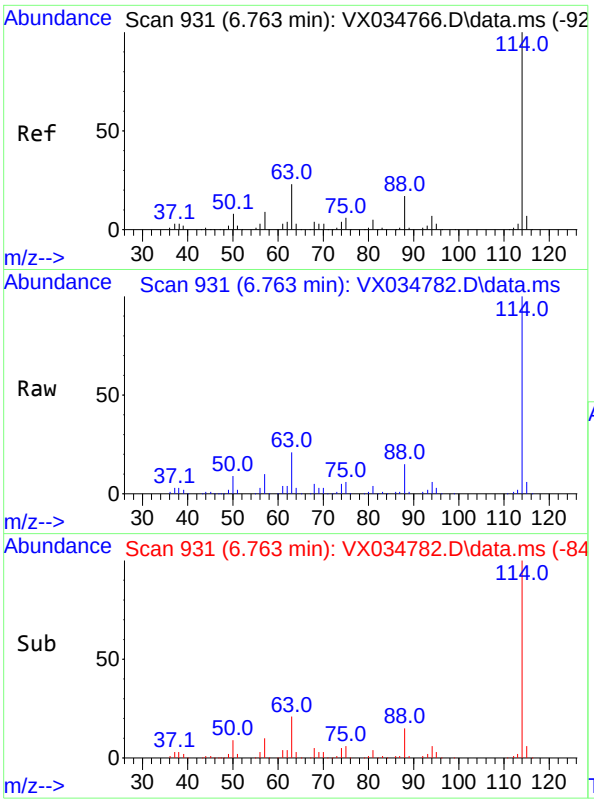


#27
1,2-Dichloroethane-d4
Concen: 30.553 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Tgt Ion: 65 Resp: 79742

Ion	Ratio	Lower	Upper
65	100		
67	51.4	40.9	61.3



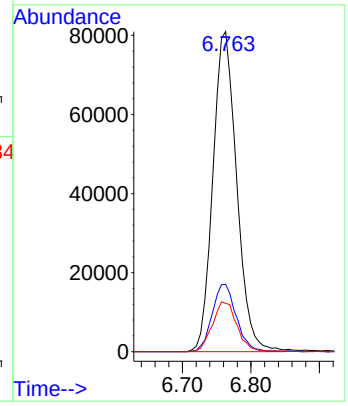


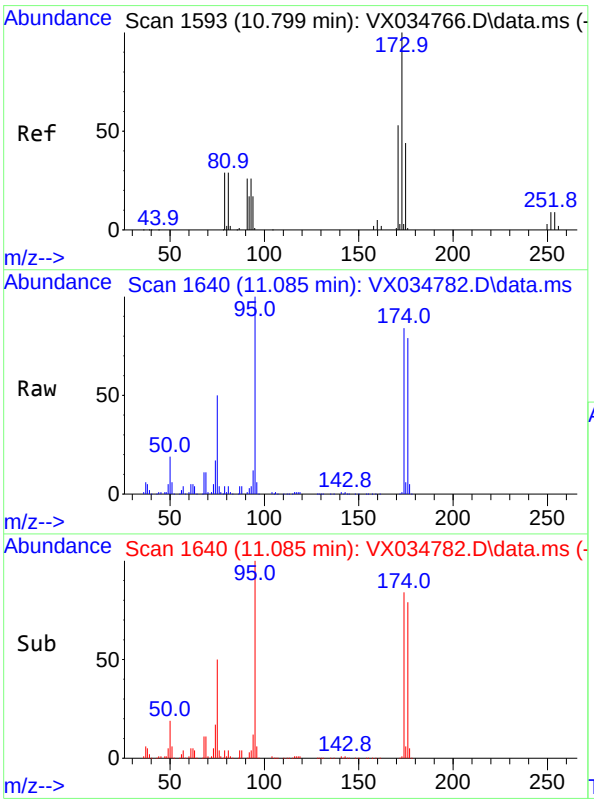
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion:114 Resp: 195540

Ion	Ratio	Lower	Upper
114	100		
63	21.4	18.0	27.0
88	16.0	13.3	19.9

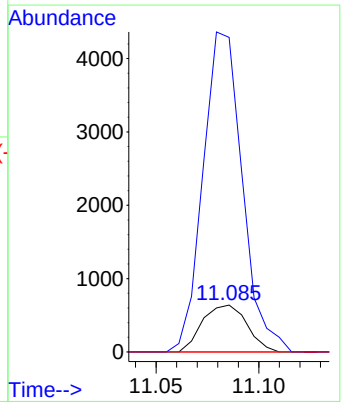


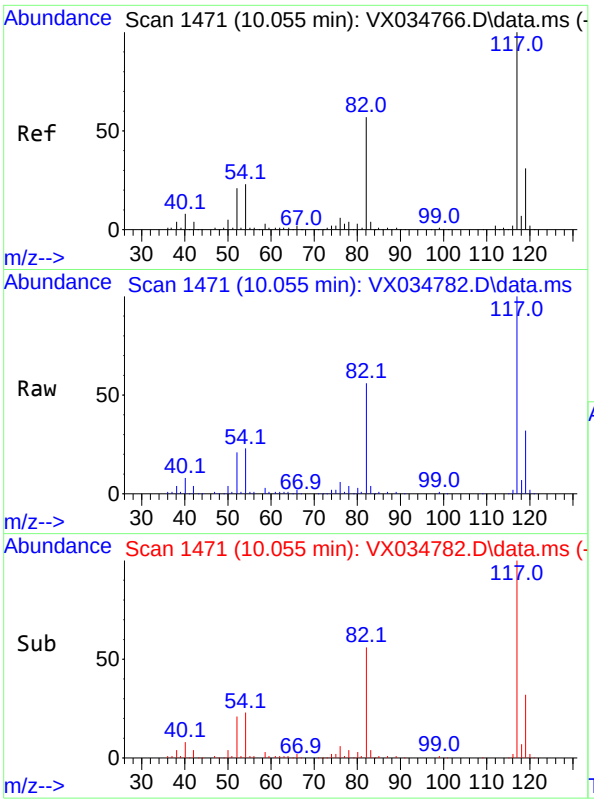


#56
Bromoform
Concen: 0.435 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Tgt Ion:173 Resp: 965

Ion	Ratio	Lower	Upper
173	100		
175	602.0	37.0	55.4#
254	0.0	6.7	10.1#



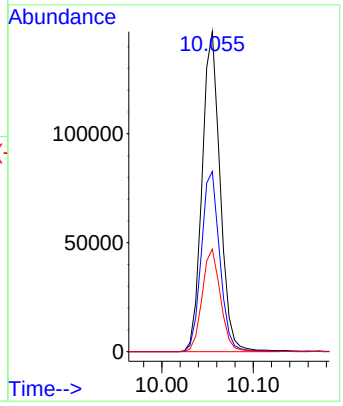


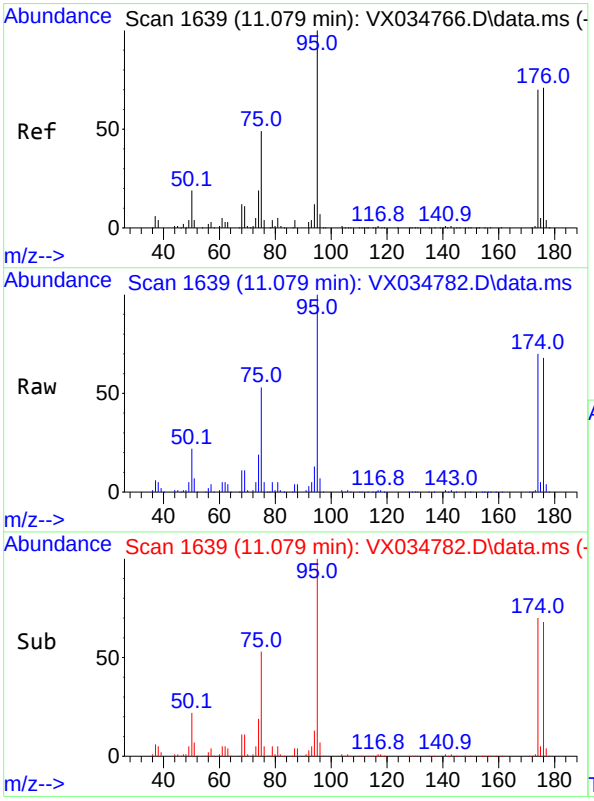
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion:117 Resp: 200820

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.8	68.8
119	32.5	25.4	38.0

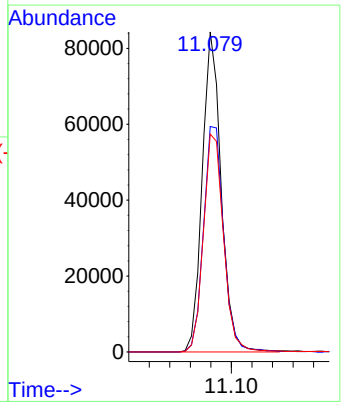


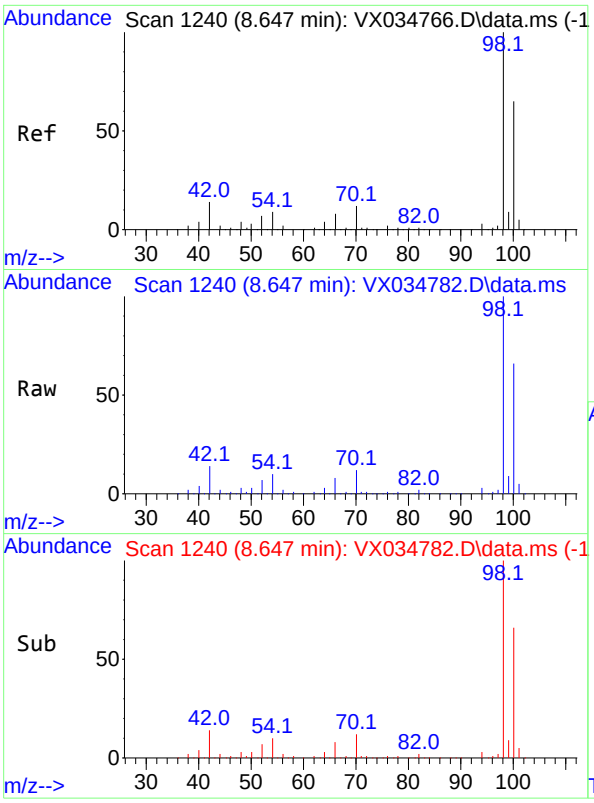


#60
4-Bromofluorobenzene
Concen: 26.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Tgt Ion: 95 Resp: 107885

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.2	0.4#
176	72.5	0.2	0.2#



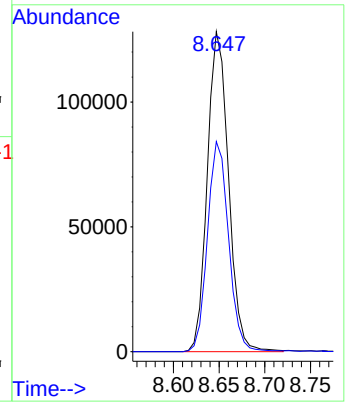


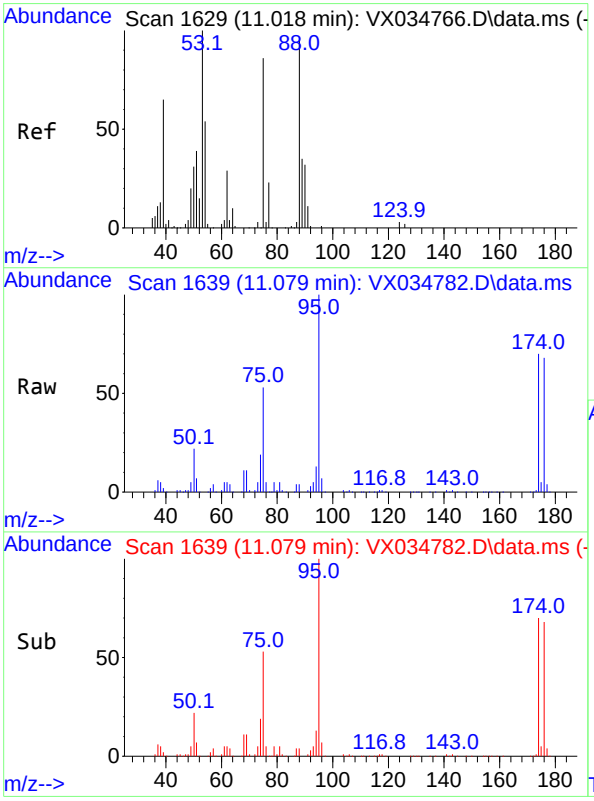
#63
Toluene-d8
Concen: 30.227 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion: 98 Resp: 206284

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1

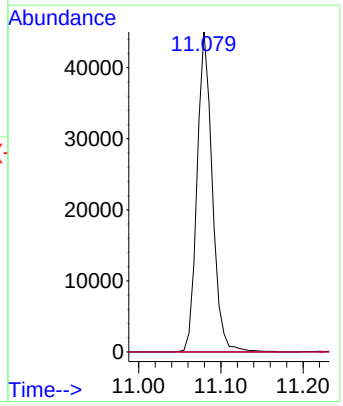


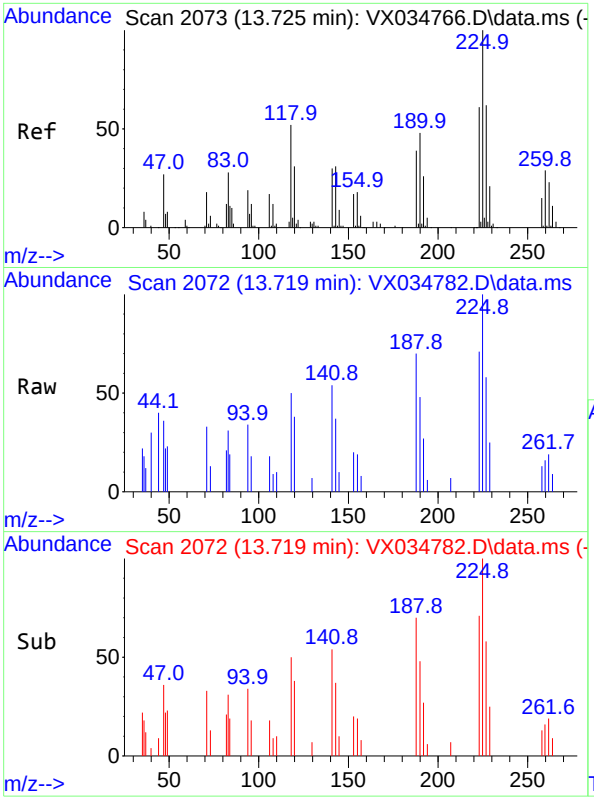


#77
t-1,4-Dichloro-2-butene
Concen: 44.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Tgt Ion: 75 Resp: 57844

Ion	Ratio	Lower	Upper
75	100		
53	0.0	58.2	174.6#
89	0.0	20.6	61.8#





#90
Hexachlorobutadiene
Concen: 0.762 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX034782.D
Acq: 28 Mar 2023 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL01

Tgt Ion:225 Resp: 1114

Ion	Ratio	Lower	Upper
225	100		
223	70.8	0.0	124.2
227	75.5	0.0	122.8