Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
Data File : VX002413.D
Acq On : 08 Jun 2018 20:17
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : IBLK

Quant Time: Jun 09 04:50:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	38874	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	225685	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	199330	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	97183	31.77	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.90%				
60) 4-Bromofluorobenzene	11.14	95	90983	26.66	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.87%				
63) Toluene-d8	8.72	98	255602	28.77	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 95.90%				
Target Compounds							Qvalue
10) 1,1-Dichloroethene	2.38	96	402	0.21	ug/l	#	85
11) Methyl Iodide	2.52	142	3373	1.11	ug/l		94
13) Acrolein	2.28	56	164	0.61	ug/l		97
14) Acrylonitrile	3.15	53	960	0.74	ug/l	#	27
15) Acetone	2.45	58	277	0.81	ug/l	#	33
16) Carbon Disulfide	2.57	76	2265	0.41	ug/l	#	94
18) Methylene Chloride	2.86	84	903	0.42	ug/l	#	75
19) trans-1,2-Dichloroethene	3.17	96	662	0.32	ug/l	#	59
56) Bromoform	11.15	173	1081	0.41	ug/l	#	1
67) m/p-Xylenes	10.37	106	908	0.21	ug/l		81
77) t-1,4-Dichloro-2-butene	11.14	75	50587	40.62	ug/l	#	11
89) 1,2,4-Trichlorobenzene	14.02	180	996	0.25	ug/l		84
92) 1,2,3-Trichlorobenzene	14.02	180	996	0.24	ug/l		85

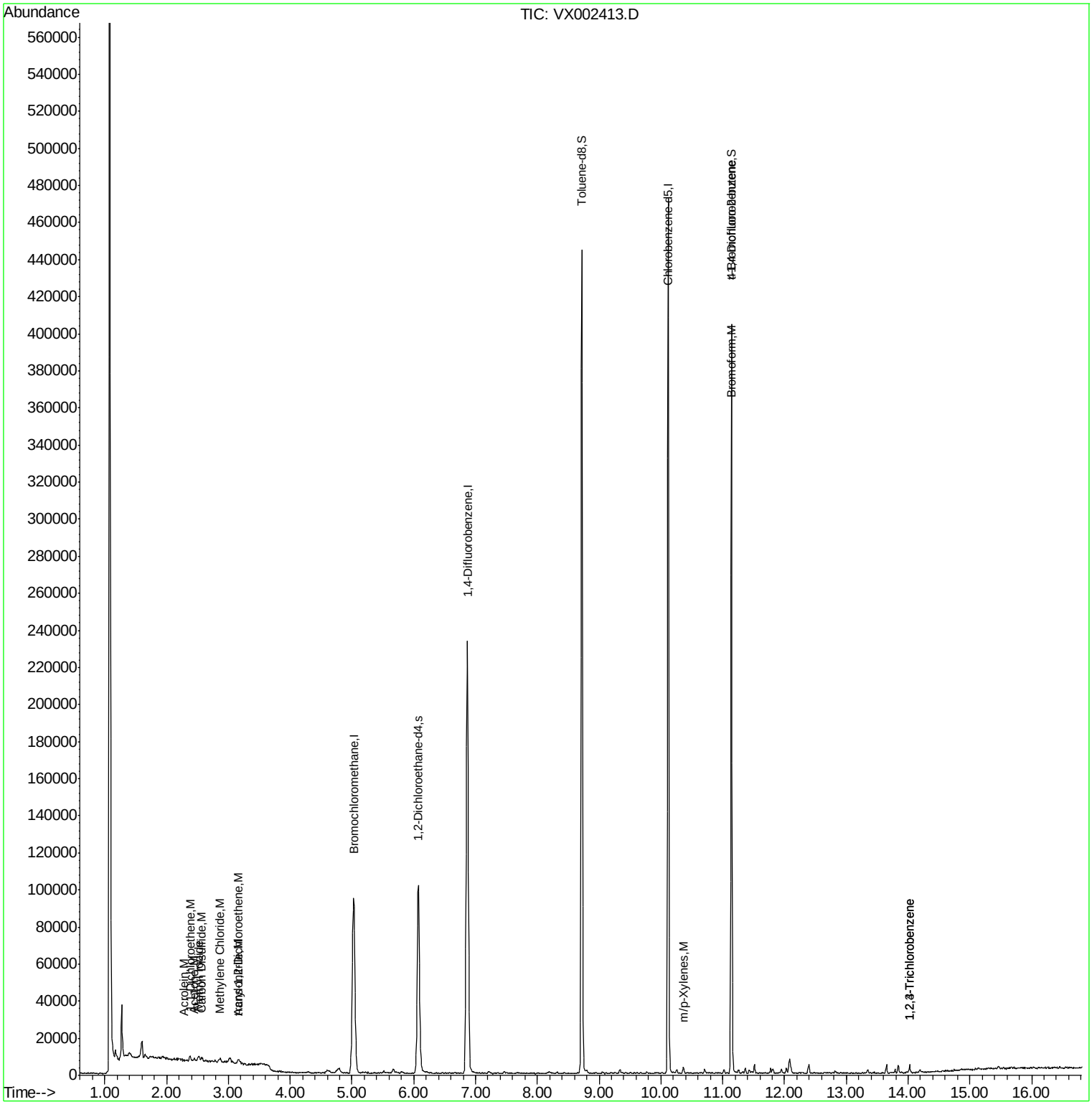
(#) = qualifier out of range (m) = manual integration (+) = signals summed

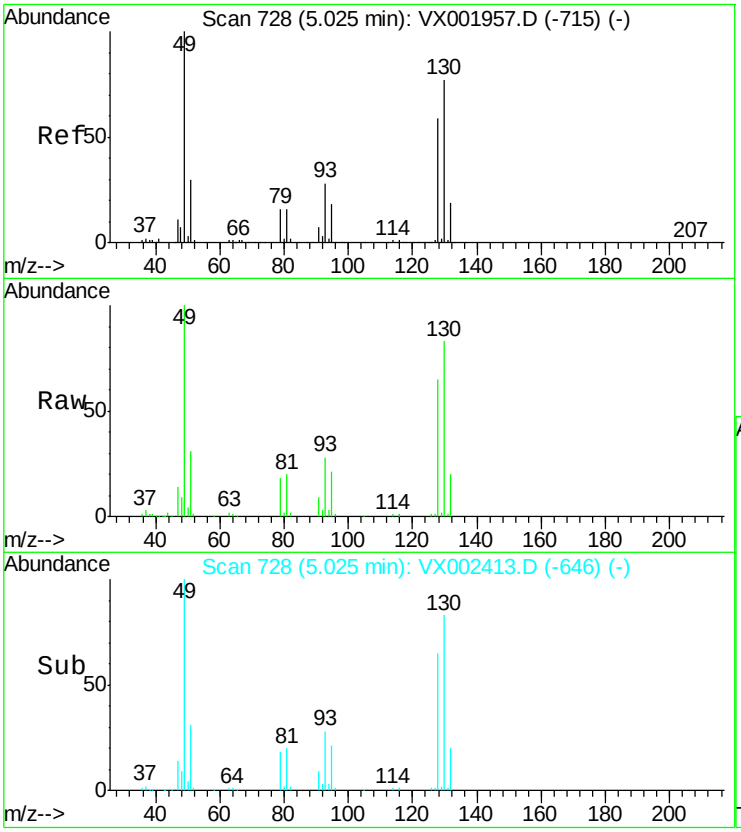
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
Data File : VX002413.D
Acq On : 08 Jun 2018 20:17
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 09 04:50:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration



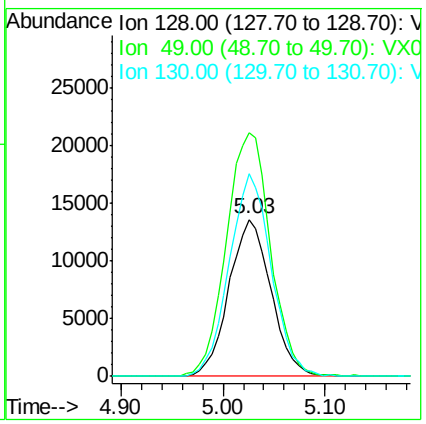


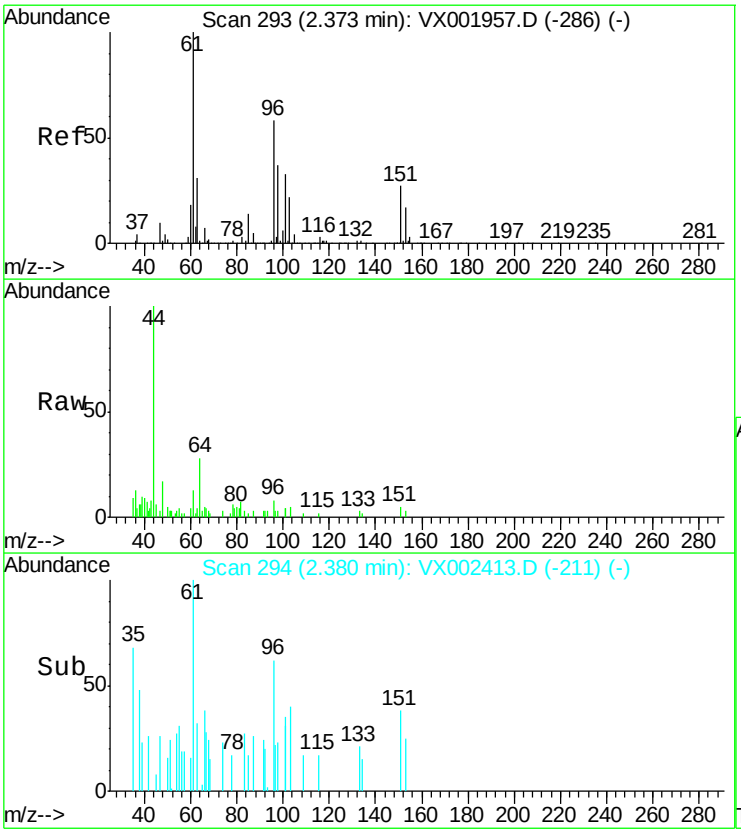
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 38874

Ion	Ratio	Lower	Upper
128	100		
49	163.5	0.0	423.0
130	129.5	0.0	324.3

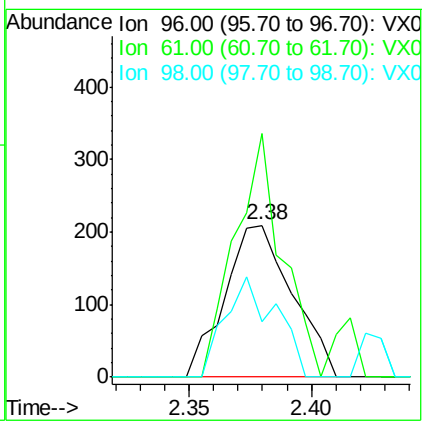


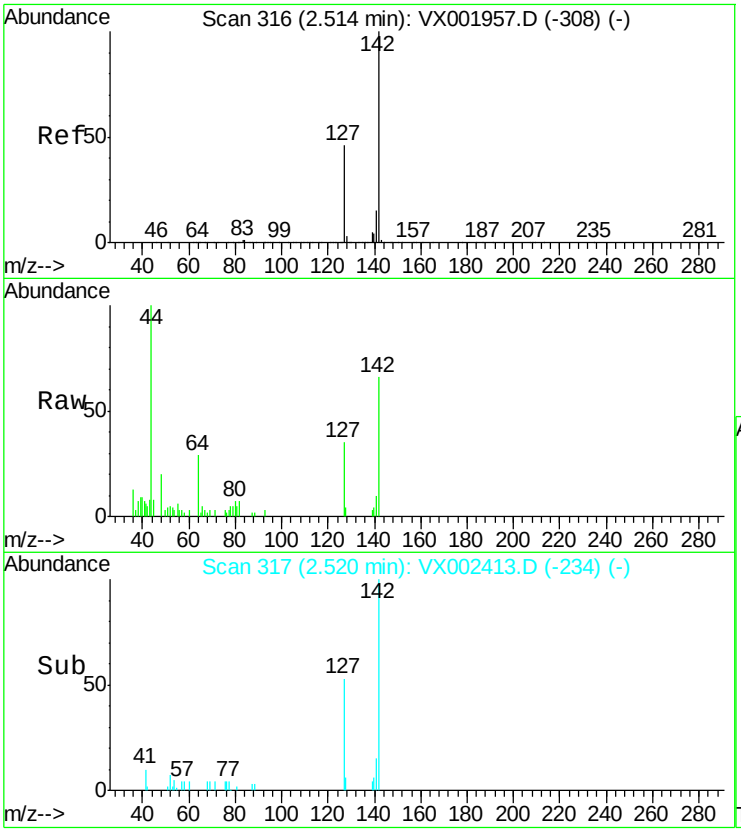


#10
1,1-Dichloroethene
Concen: 0.21 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion: 96 Resp: 402

Ion	Ratio	Lower	Upper
96	100		
61	160.8	137.5	206.3
98	36.8	51.4	77.2#



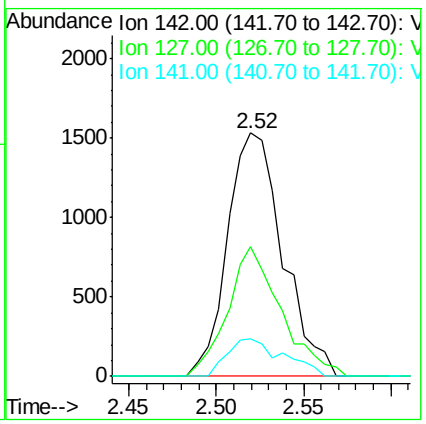


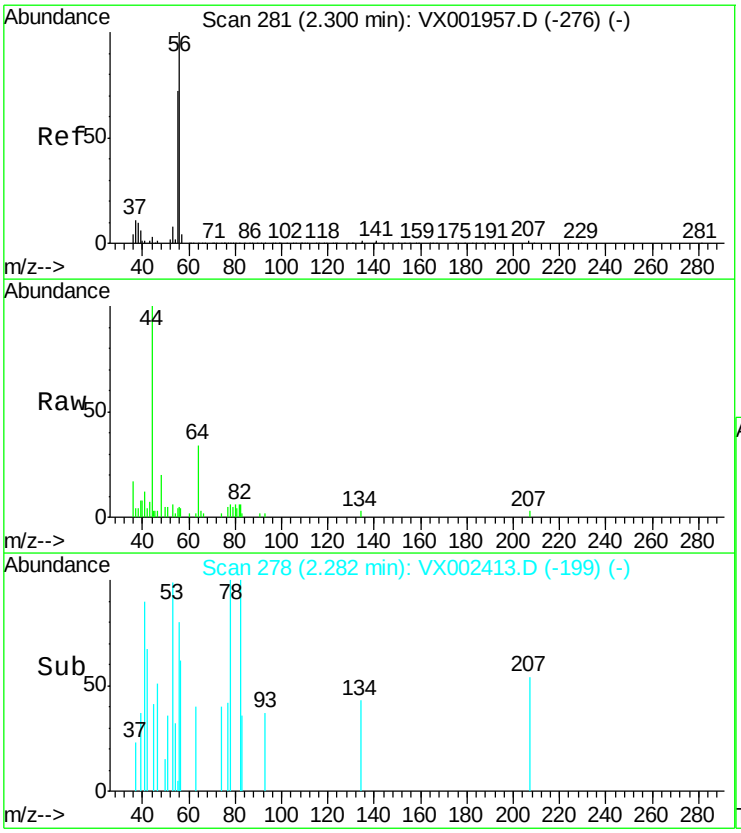
#11
Methyl Iodide
Concen: 1.11 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:142 Resp: 3373

Ion	Ratio	Lower	Upper
142	100		
127	51.5	23.2	69.6
141	15.5	7.4	22.2

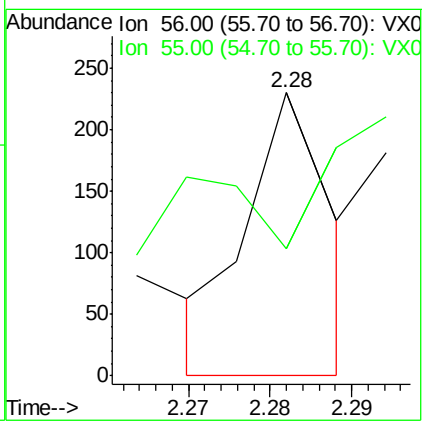


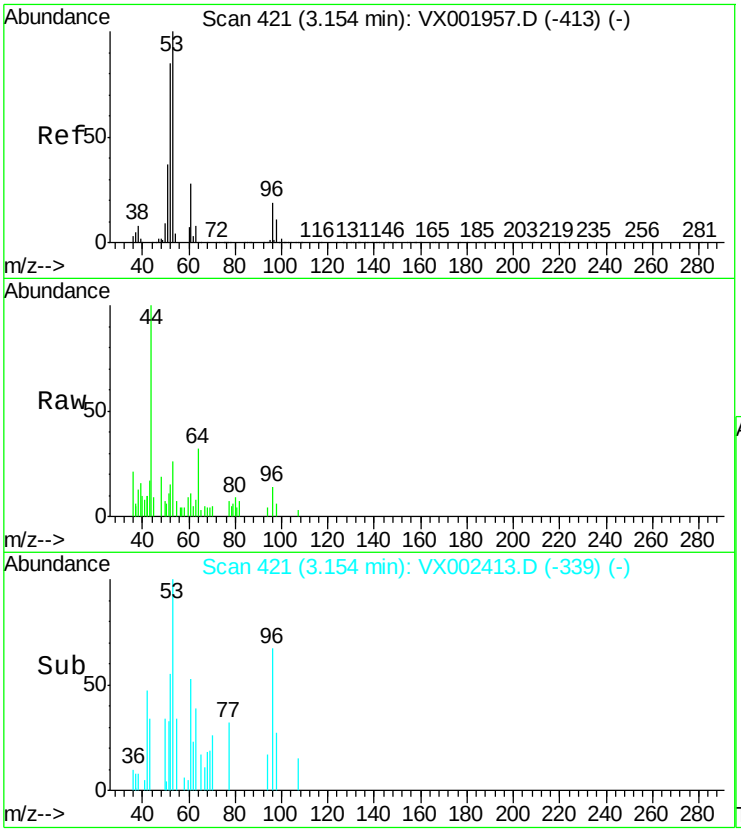


#13
Acrolein
Concen: 0.61 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion: 56 Resp: 164

Ion	Ratio	Lower	Upper
56	100		
55	69.5	57.3	85.9



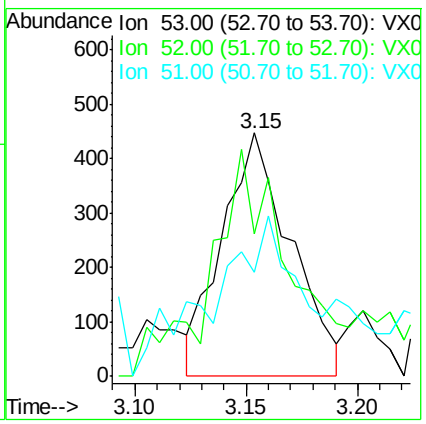


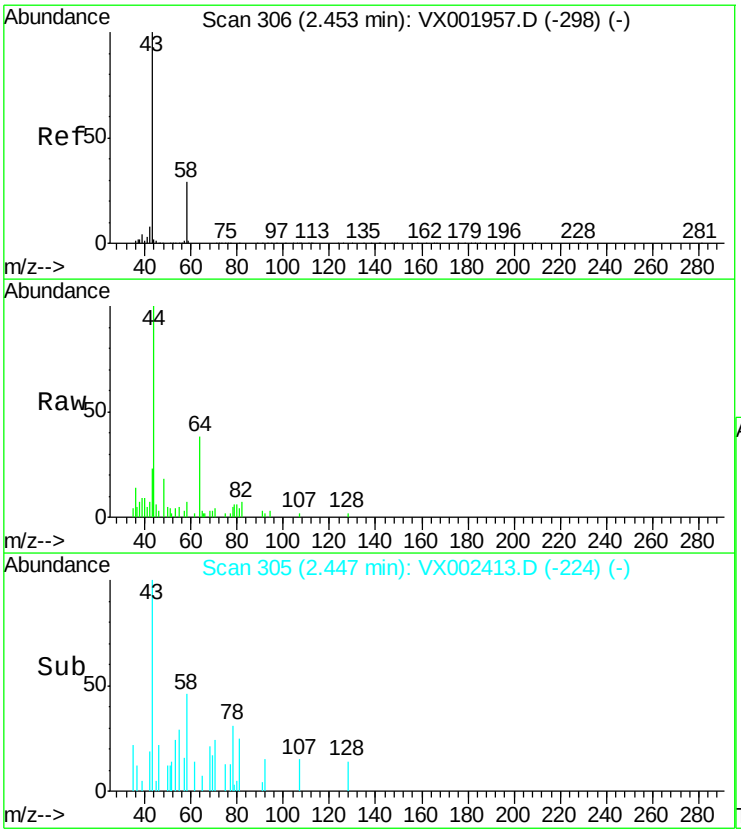
#14
Acrylonitrile
Concen: 0.74 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 53 Resp: 960

Ion	Ratio	Lower	Upper
53	100		
52	0.0	41.5	124.6#
51	19.9	17.9	53.8

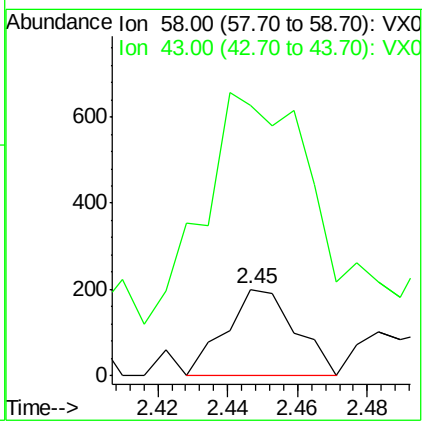


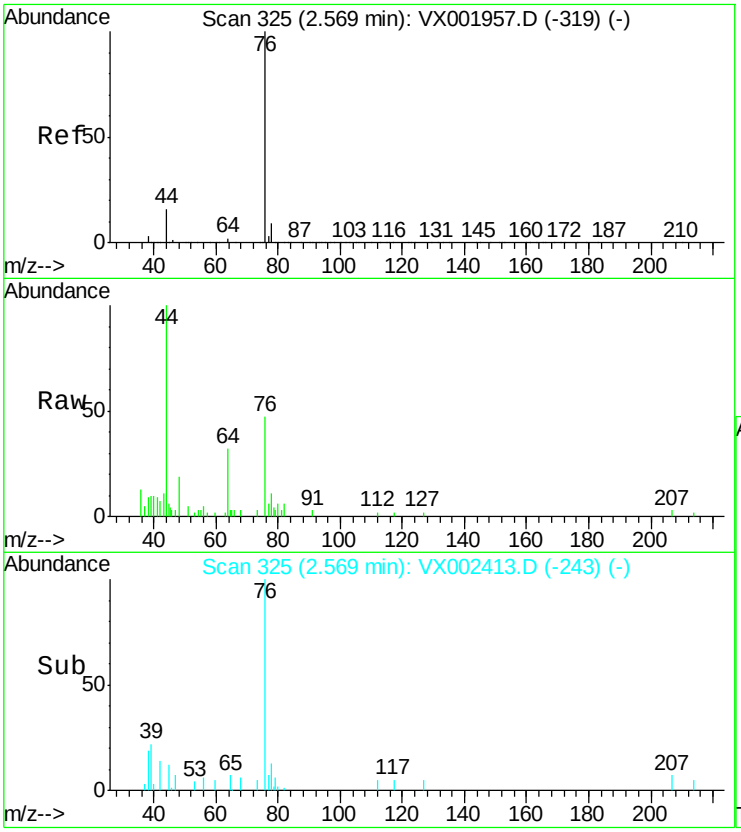


#15
Acetone
Concen: 0.81 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion: 58 Resp: 277

Ion	Ratio	Lower	Upper
58	100		
43	204.5	278.8	418.2#



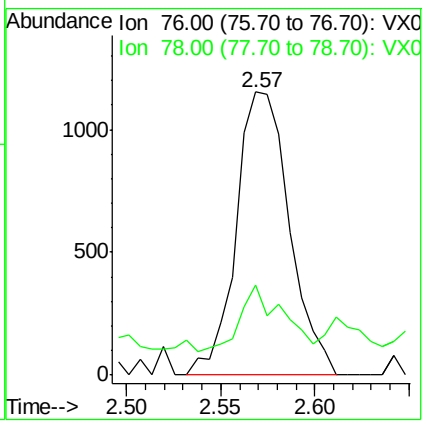


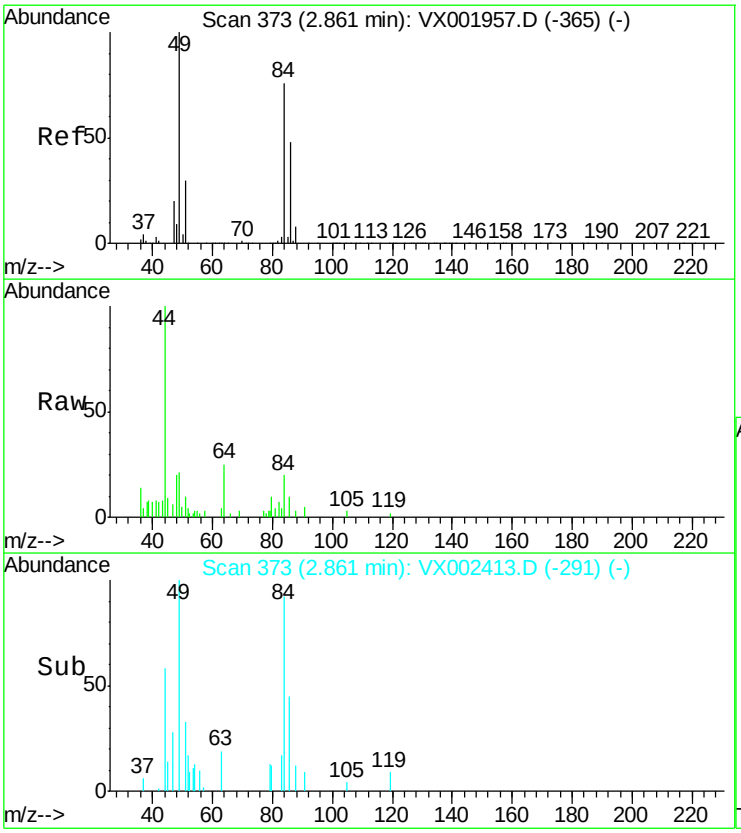
#16
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 76 Resp: 2265

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.4	11.0#

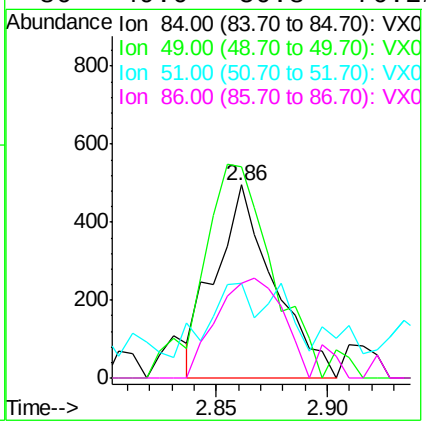


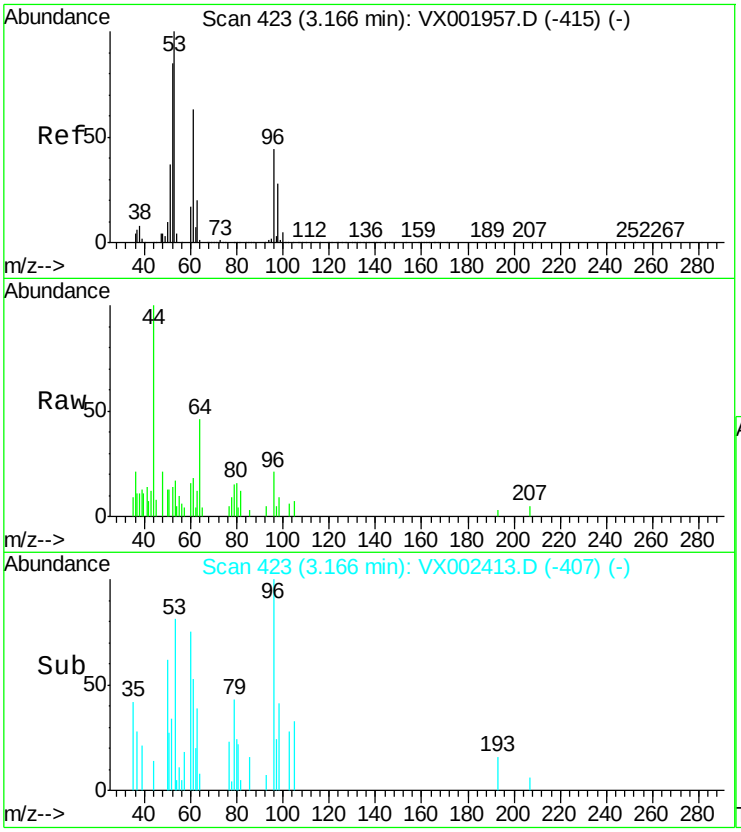


#18
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion: 84 Resp: 903

Ion	Ratio	Lower	Upper
84	100		
49	94.6	104.7	157.1#
51	28.2	31.0	46.4#
86	49.0	50.8	76.2#



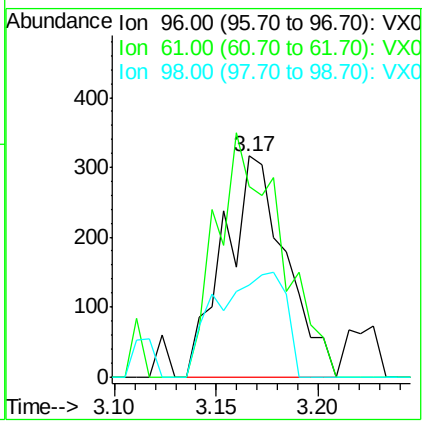


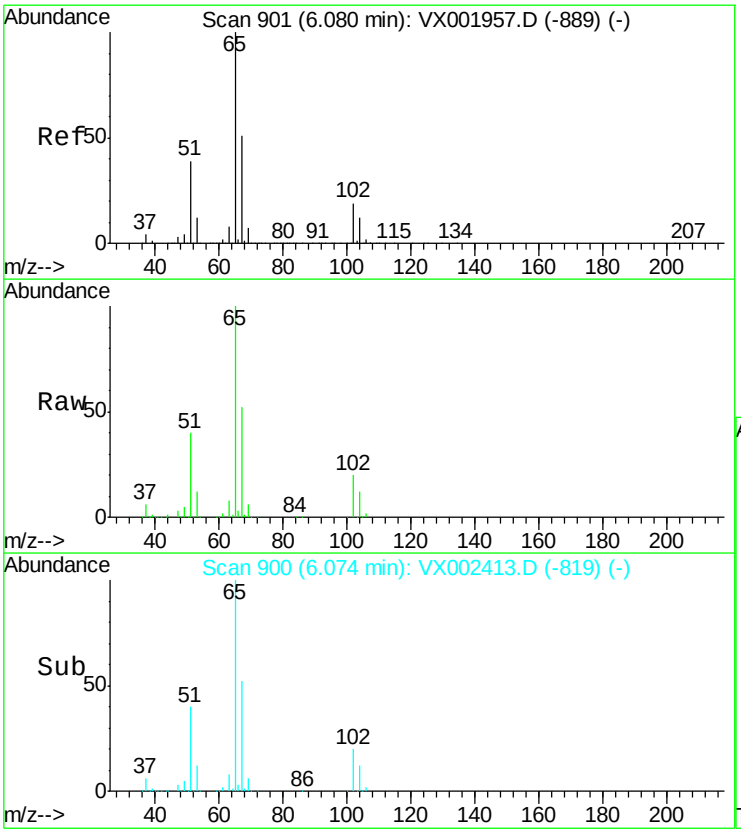
#19
trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 96 Resp: 662

Ion	Ratio	Lower	Upper
96	100		
61	86.1	114.6	172.0#
98	41.5	51.3	76.9#

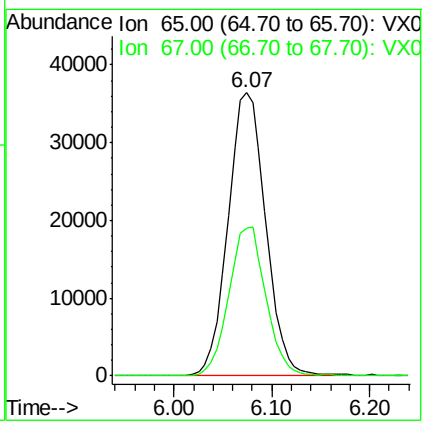


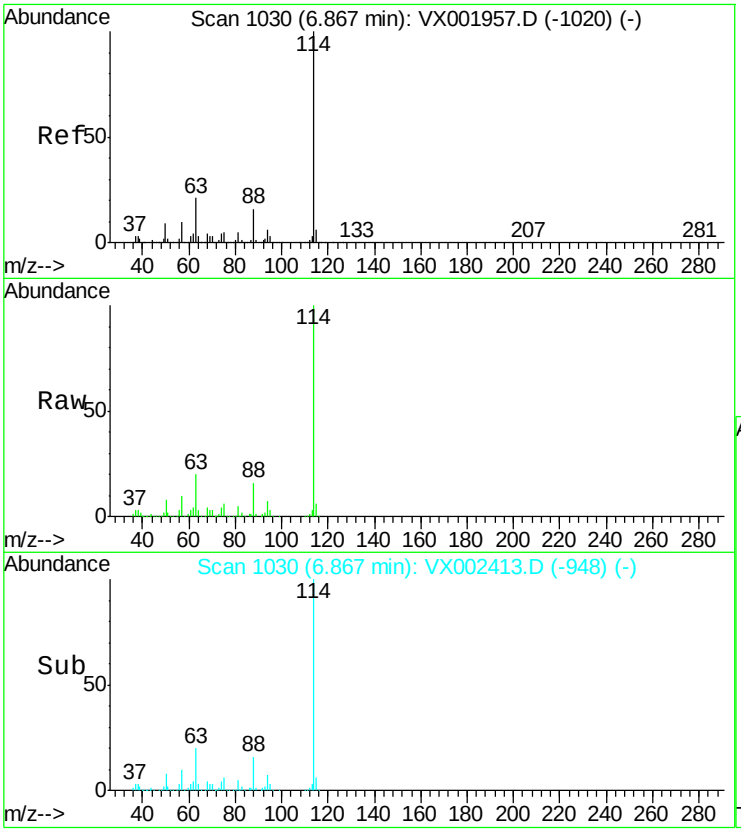


#27
1,2-Dichloroethane-d4
Concen: 31.77 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion: 65 Resp: 97183

Ion	Ratio	Lower	Upper
65	100		
67	51.9	40.9	61.3



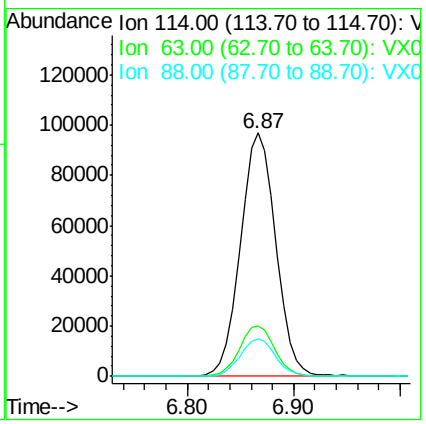


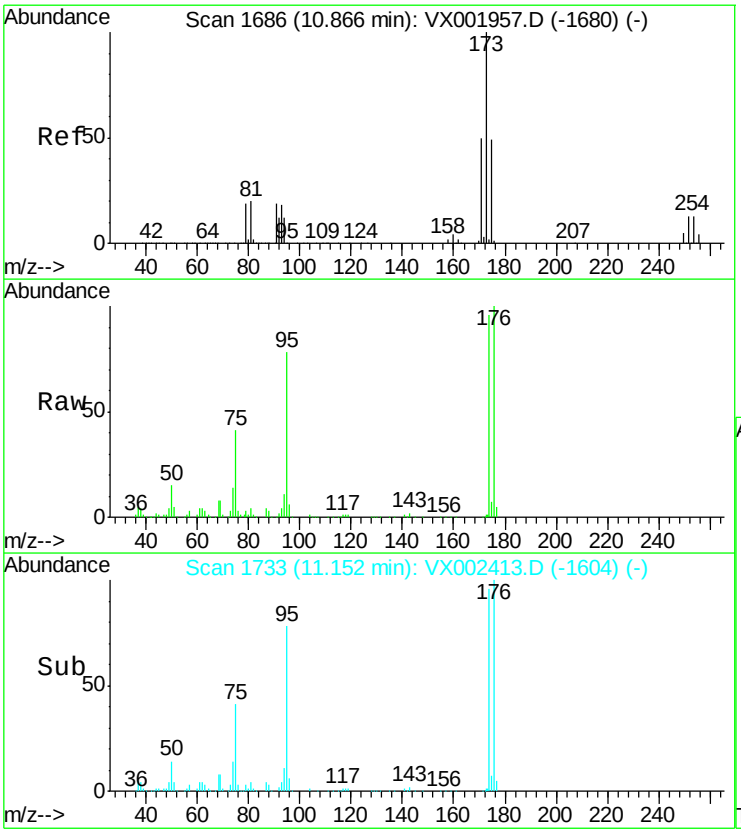
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 225685

Ion	Ratio	Lower	Upper
114	100		
63	20.9	17.1	25.7
88	15.4	12.6	19.0

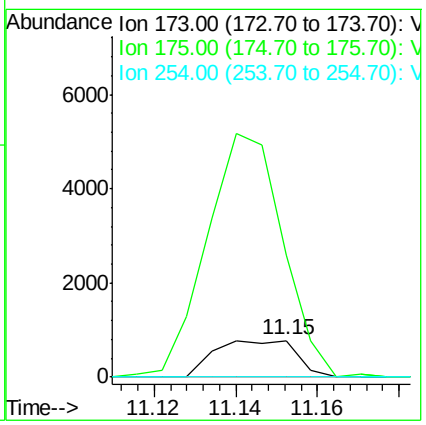


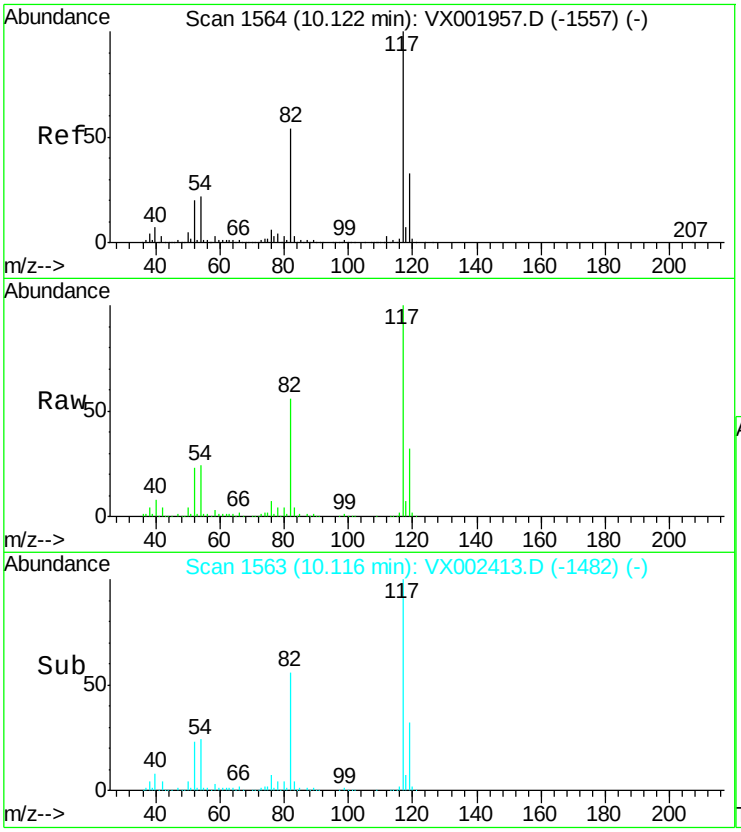


#56
Bromoform
Concen: 0.41 ug/l
RT: 11.15 min Scan# 1733
Delta R.T. 0.29 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion:173 Resp: 1081

Ion	Ratio	Lower	Upper
173	100		
175	618.6	39.0	58.4#
254	0.0	9.6	14.4#



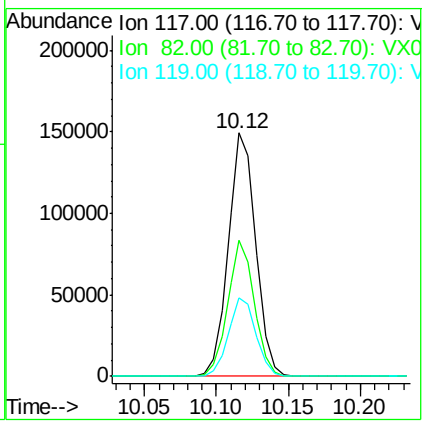


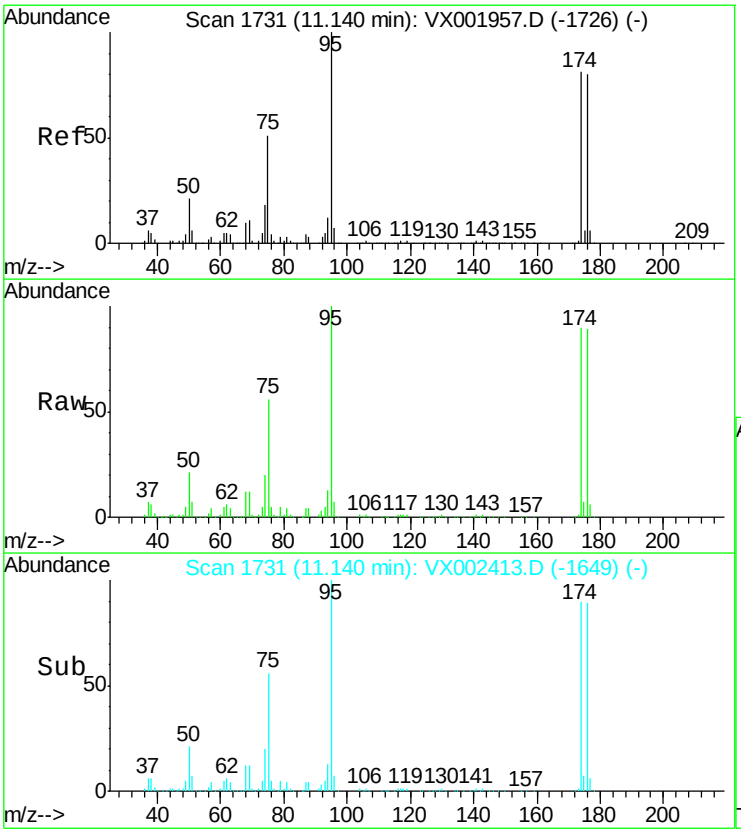
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 199330

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.3	66.5
119	32.3	25.7	38.5

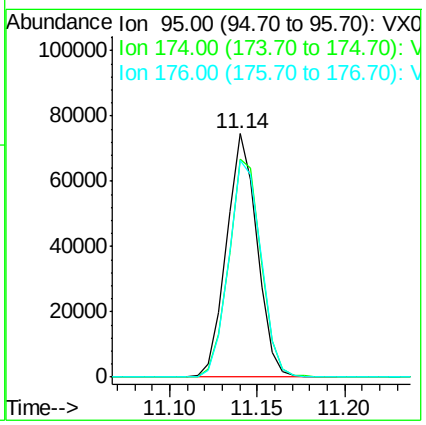


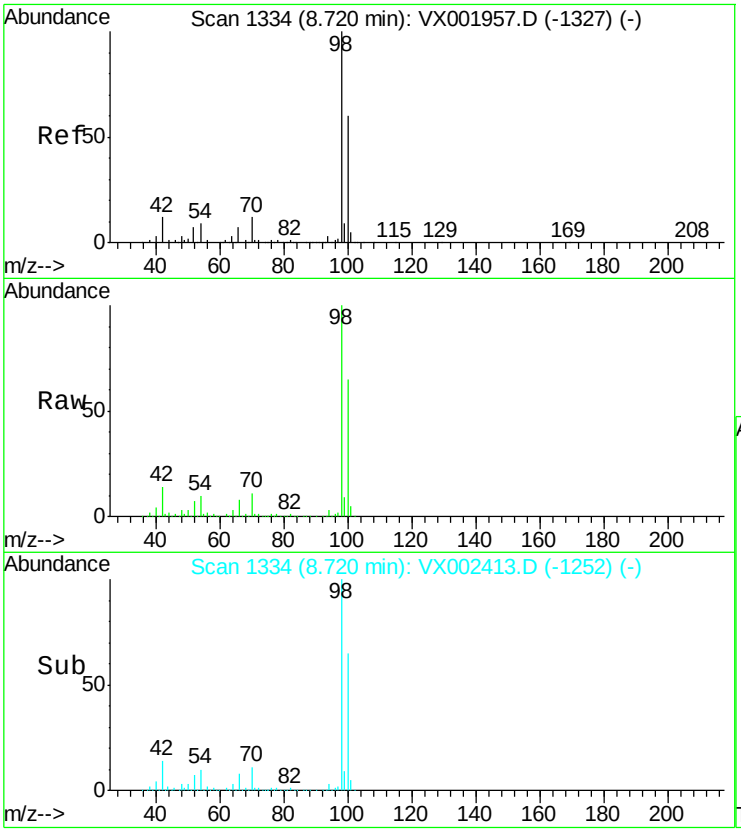


#60
4-Bromofluorobenzene
Concen: 26.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion: 95 Resp: 90983

Ion	Ratio	Lower	Upper
95	100		
174	94.1	71.8	107.6
176	93.2	70.1	105.1



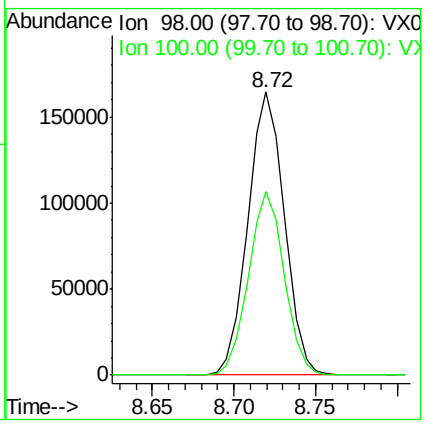


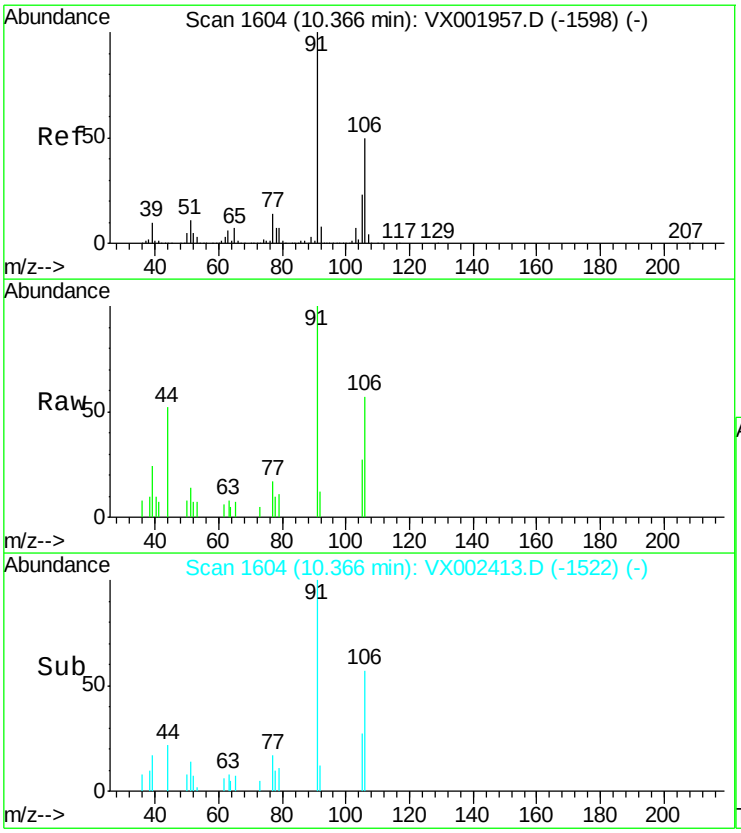
#63
Toluene-d8
Concen: 28.77 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 255602

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2

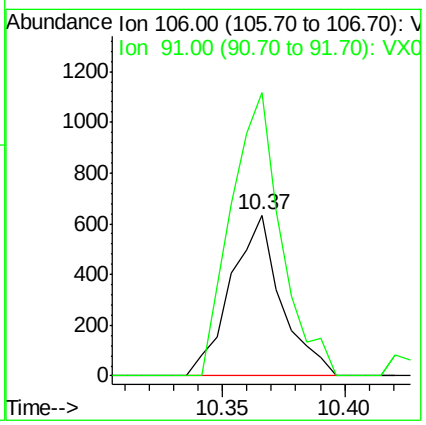


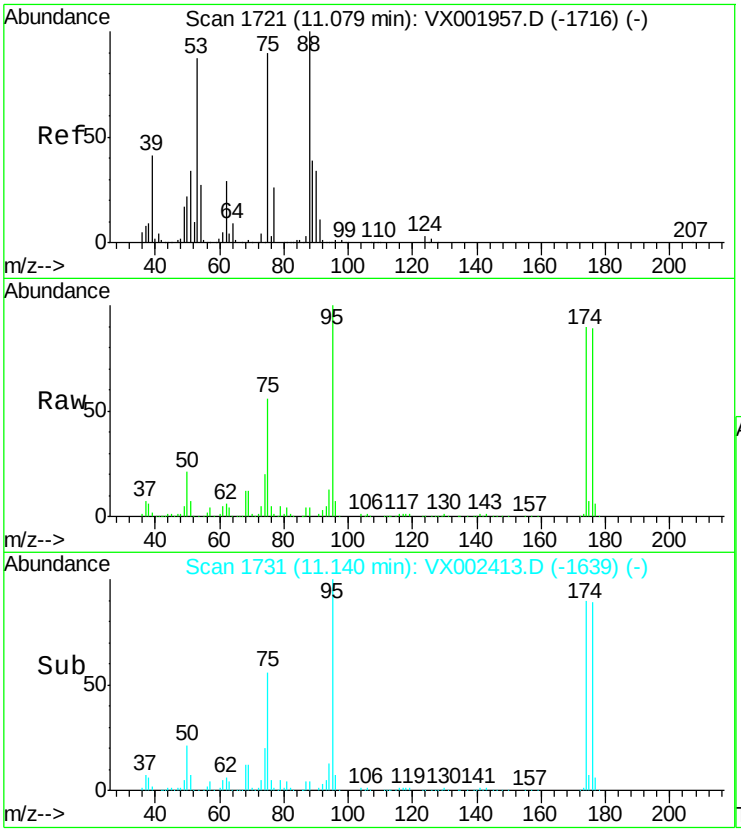


#67
m/p-Xylenes
Concen: 0.21 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion:106 Resp: 908

Ion	Ratio	Lower	Upper
106	100		
91	175.4	164.1	246.1



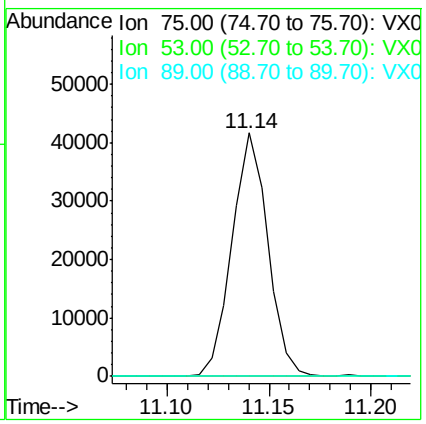


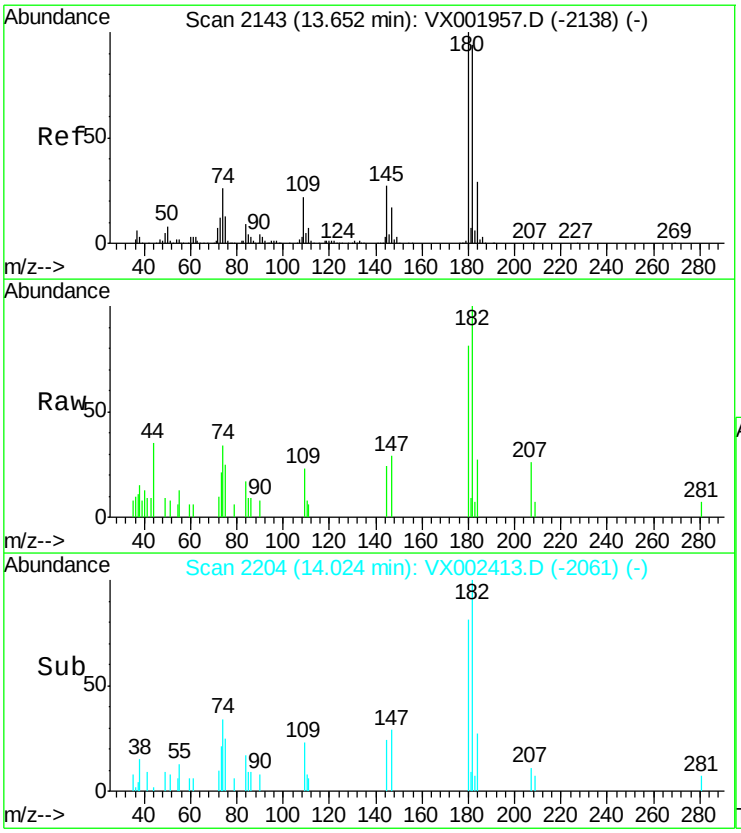
#77
t-1,4-Dichloro-2-butene
Concen: 40.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 50587

Ion	Ratio	Lower	Upper
75	100		
53	0.1	48.3	144.9#
89	0.0	21.8	65.4#

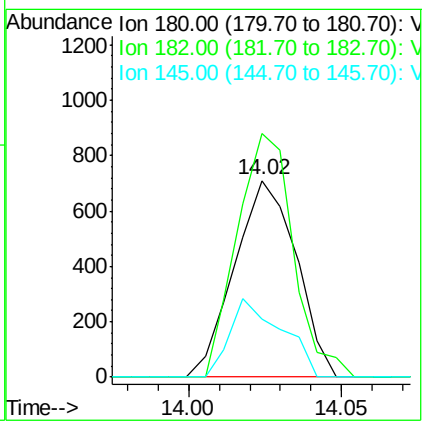


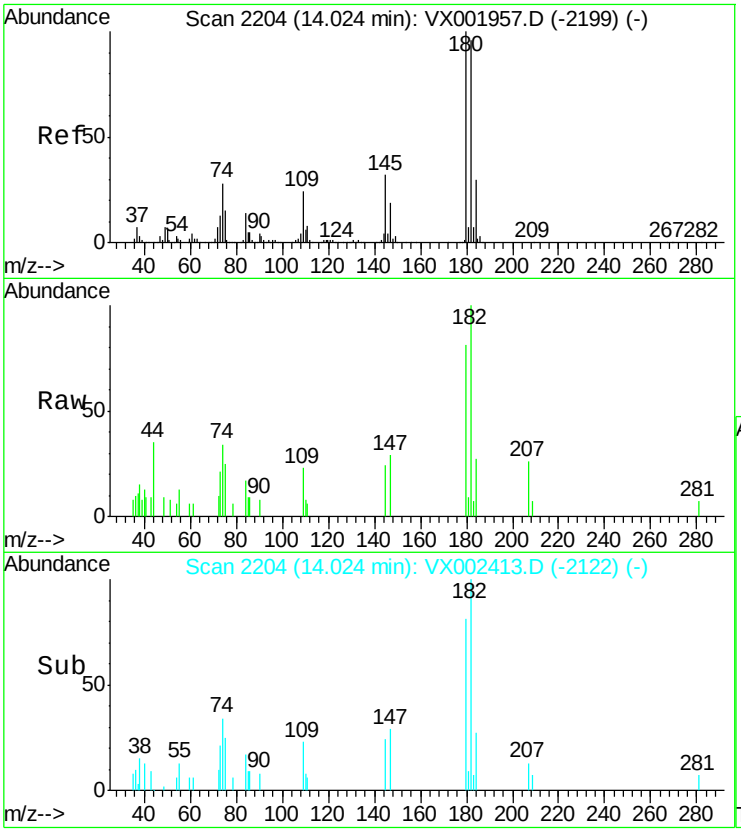


#89
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.37 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Tgt Ion:180 Resp: 996

Ion	Ratio	Lower	Upper
180	100		
182	112.9	76.4	114.6
145	33.5	22.9	34.3





#92
1,2,3-Trichlorobenzene
Concen: 0.24 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002413.D
Acq: 08 Jun 2018 20:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 996

Ion	Ratio	Lower	Upper
180	100		
182	112.9	0.0	191.0
145	33.5	0.0	60.6