Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011943.D
Acq On : 31 Aug 2019 11:33
Operator : SY/SP
Sample : VX0831SBL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0831SBL01

Quant Time: Sep 01 01:47:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	364120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	481959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	166203	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.28%			
35) Dibromofluoromethane	5.48	113	157991	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.24%			
50) Toluene-d8	8.71	98	571786	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.52%			
62) 4-Bromofluorobenzene	11.13	95	230845	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.26%			
Target Compounds						Qvalue
10) Methyl Iodide	2.51	142	1862	4.250	ug/l	96
11) Tert butyl alcohol	3.00	59	518	1.543	ug/l #	37
13) Acrolein	2.28	56	232	1.389	ug/l #	78
15) Acrylonitrile	3.13	53	1329	1.666	ug/l #	56
16) Acetone	2.43	43	2725	3.630	ug/l	91
20) Methylene Chloride	2.84	84	4410	Below Cal		92
36) 1,1-Dichloropropene	5.65	75	21459	5.620	ug/l #	52
38) Carbon Tetrachloride	5.64	117	30707	6.934	ug/l #	15
49) 1,4-Dioxane	7.76	88	90	2.935	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	115182	44.977	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	115182	112.989	ug/l #	11
95) Naphthalene	13.83	128	11391	1.052	ug/l	97

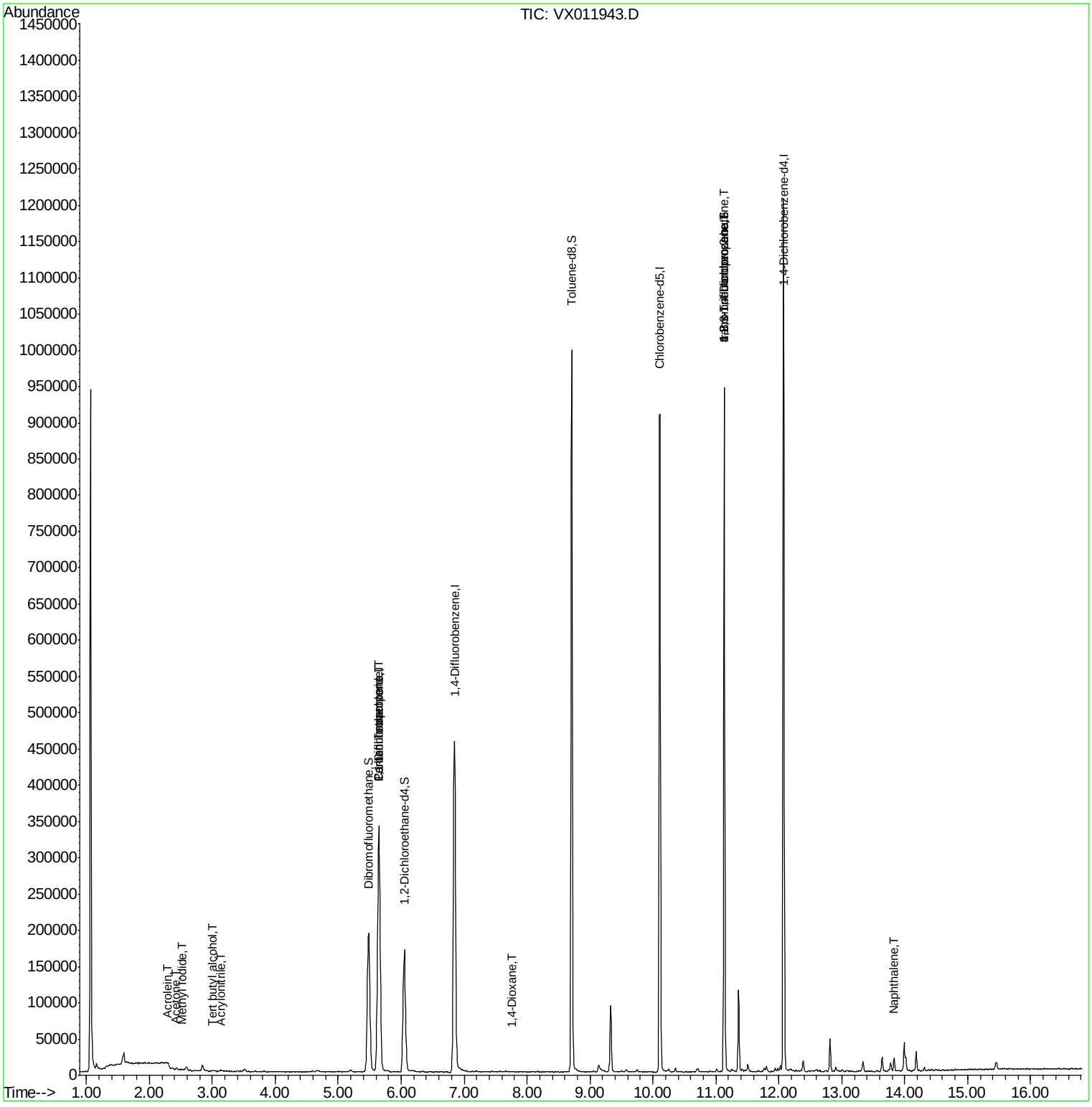
(#) = qualifier out of range (m) = manual integration (+) = signals summed

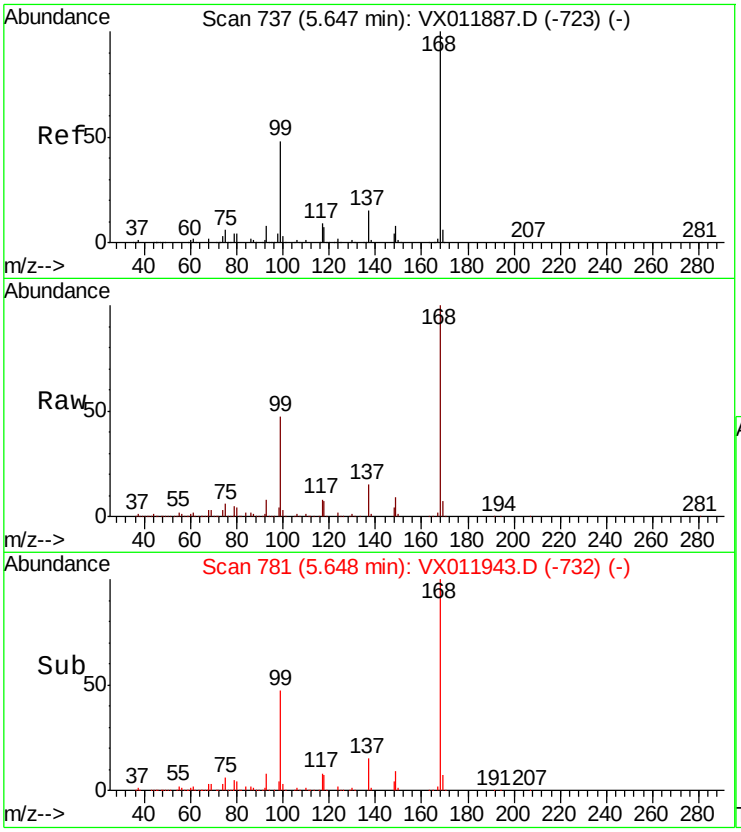
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011943.D
Acq On : 31 Aug 2019 11:33
Operator : SY/SP
Sample : VX0831SBL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0831SBL01

Quant Time: Sep 01 01:47:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration



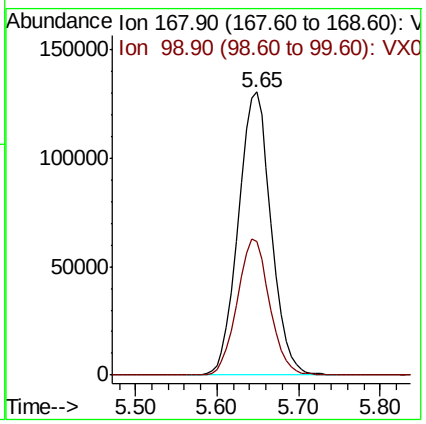


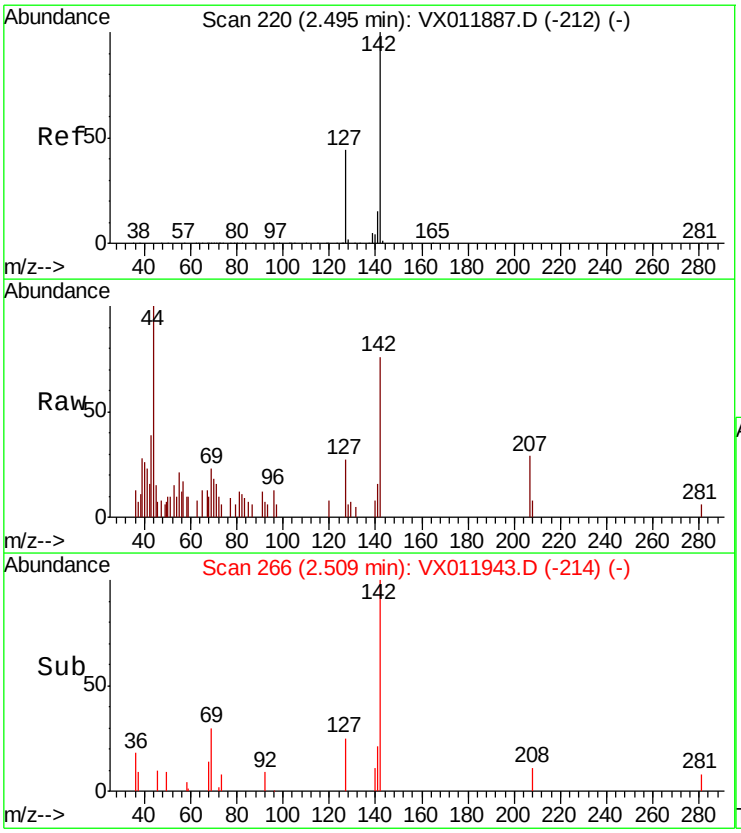
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument : MSVOA_X
ClientSampleId : VX0831SBL01

Tgt Ion:168 Resp: 364120

Ion	Ratio	Lower	Upper
168	100		
99	47.1	38.4	57.6

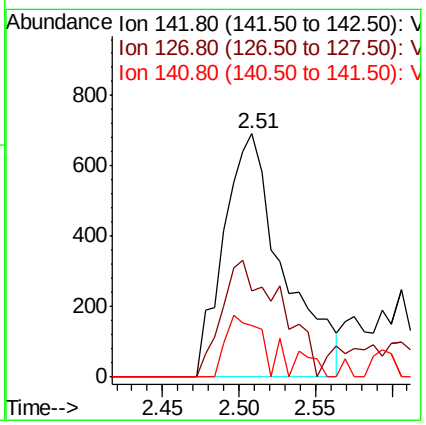


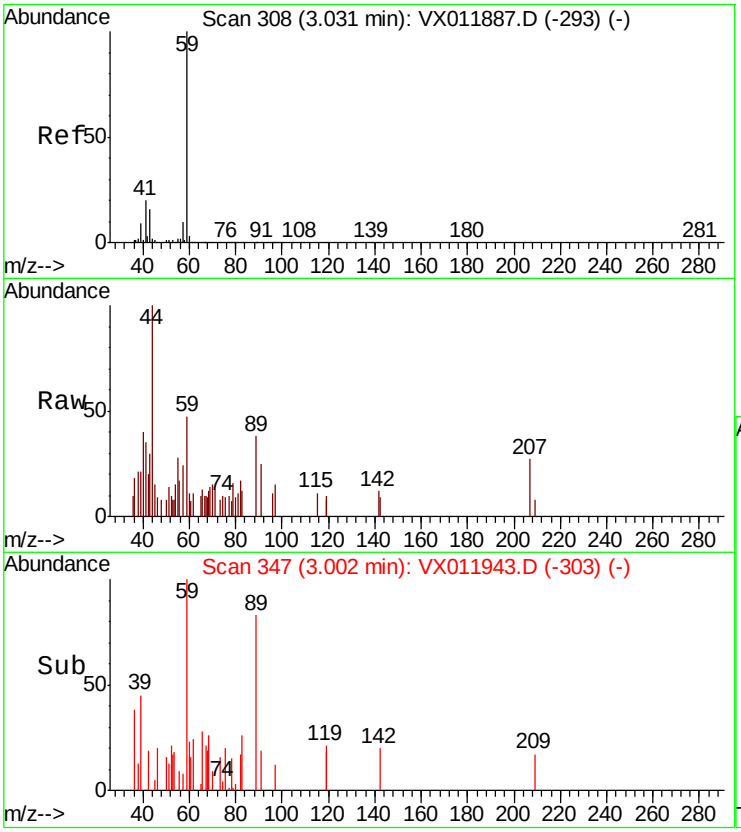


#10
Methyl Iodide
Concen: 4.250 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion:142 Resp: 1862

Ion	Ratio	Lower	Upper
142	100		
127	47.4	35.7	53.5
141	13.9	11.8	17.6



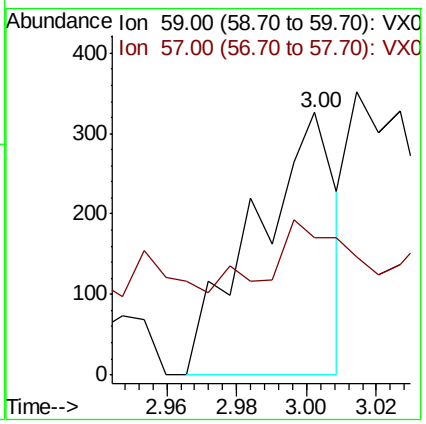


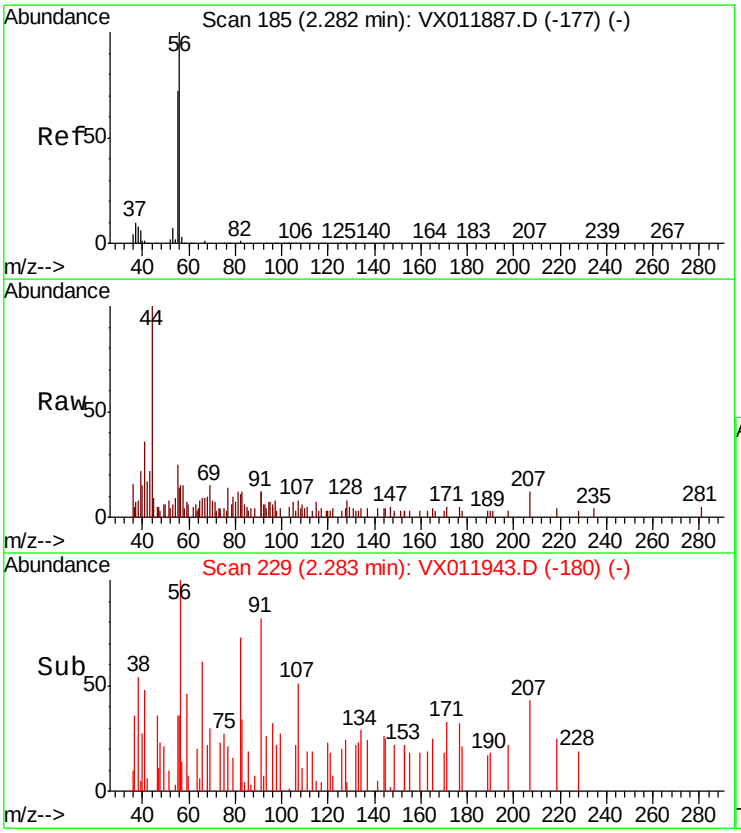
#11
Tert butyl alcohol
Concen: 1.543 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.03 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion: 59 Resp: 518

Ion	Ratio	Lower	Upper
59	100		
57	34.4	8.6	12.8#

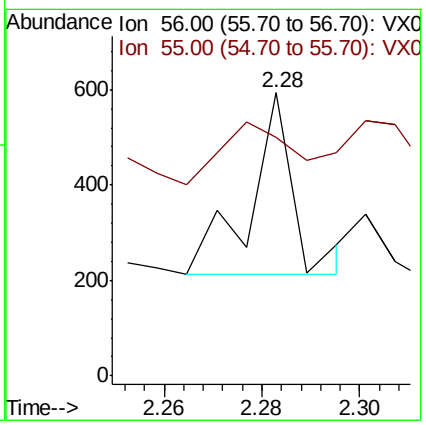


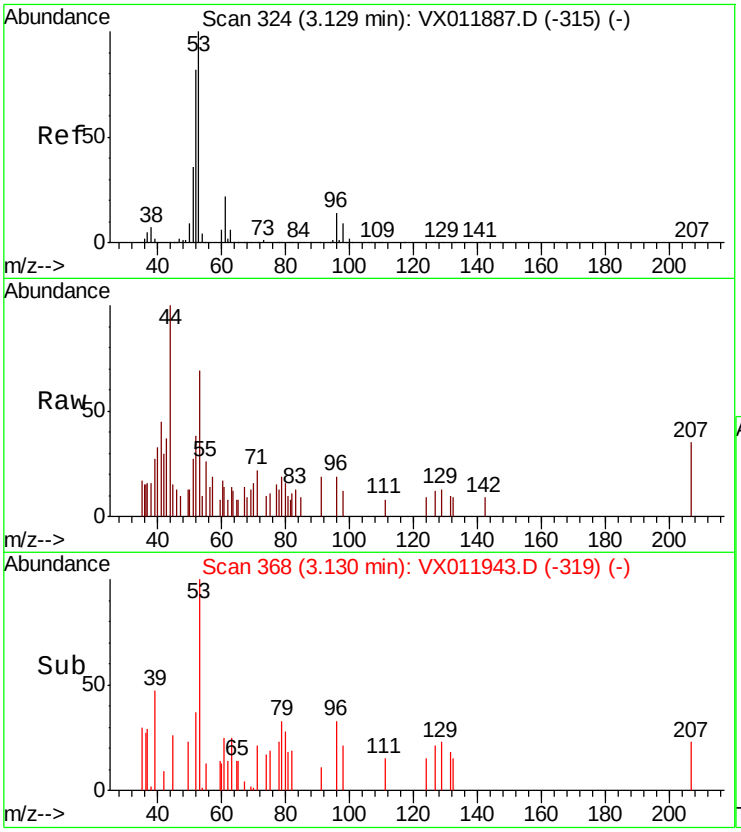


#13
Acrolein
Concen: 1.389 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion: 56 Resp: 232

Ion	Ratio	Lower	Upper
56	100		
55	54.7	58.6	88.0#



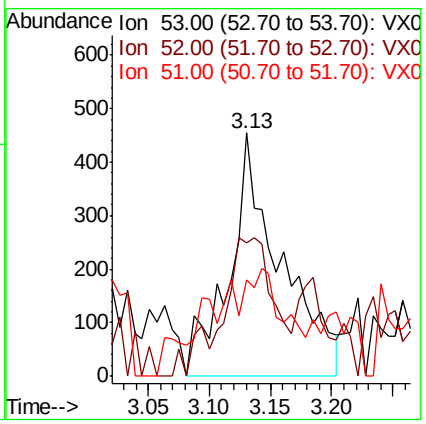


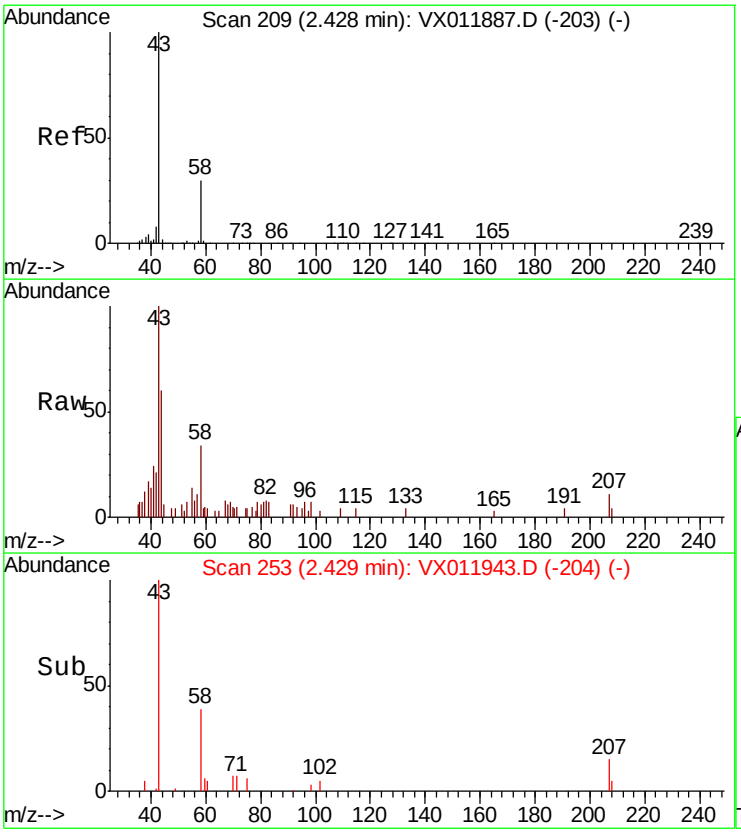
#15
Acrylonitrile
Concen: 1.666 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion: 53 Resp: 1329

Ion	Ratio	Lower	Upper
53	100		
52	37.3	65.3	97.9#
51	17.8	29.4	44.2#

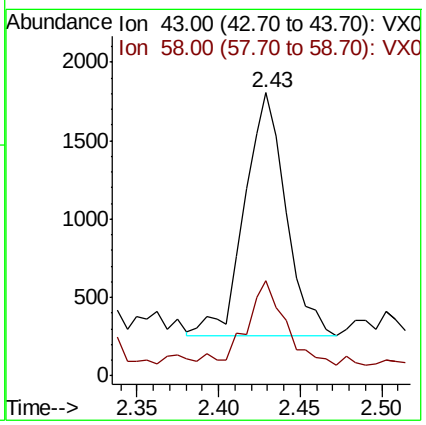


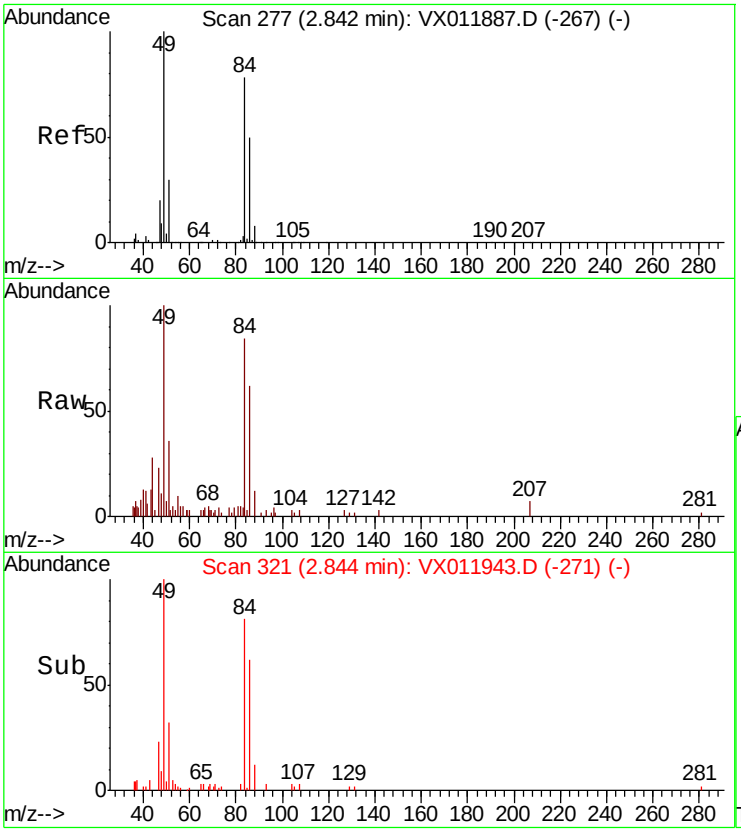


#16
Acetone
Concen: 3.630 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion: 43 Resp: 2725

Ion	Ratio	Lower	Upper
43	100		
58	34.8	23.8	35.8



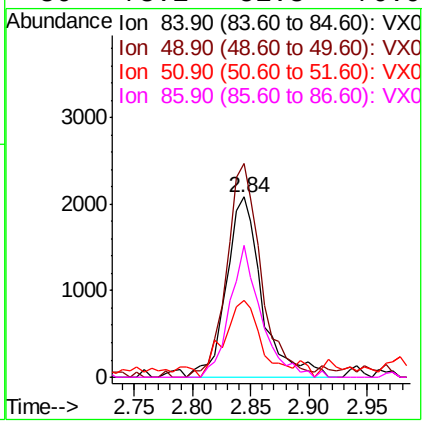


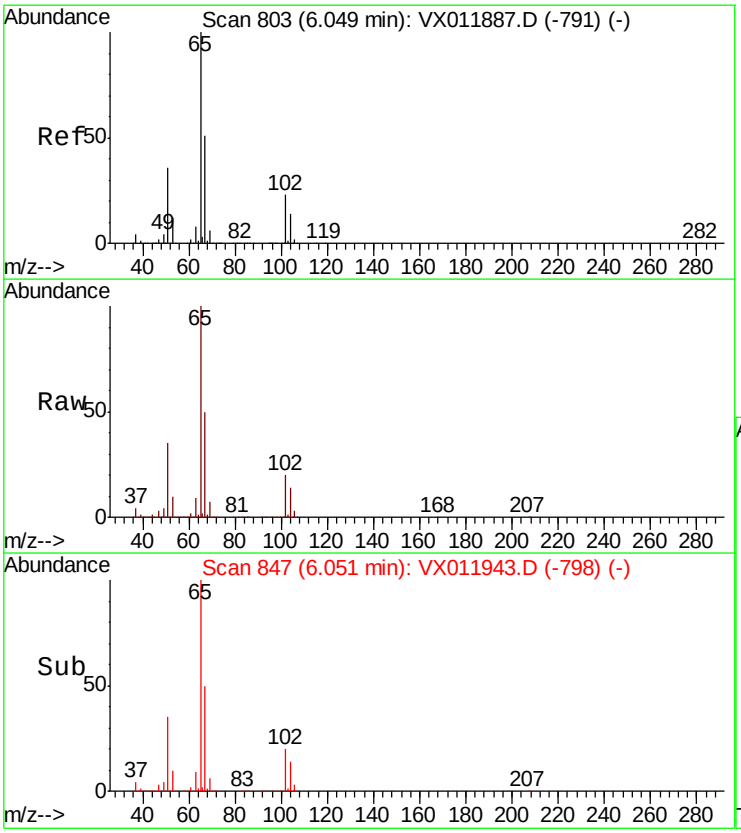
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion: 84 Resp: 4410

Ion	Ratio	Lower	Upper
84	100		
49	118.5	103.0	154.4
51	36.9	30.8	46.2
86	73.1	51.3	76.9

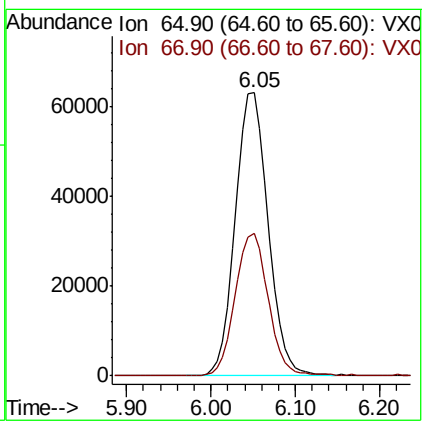


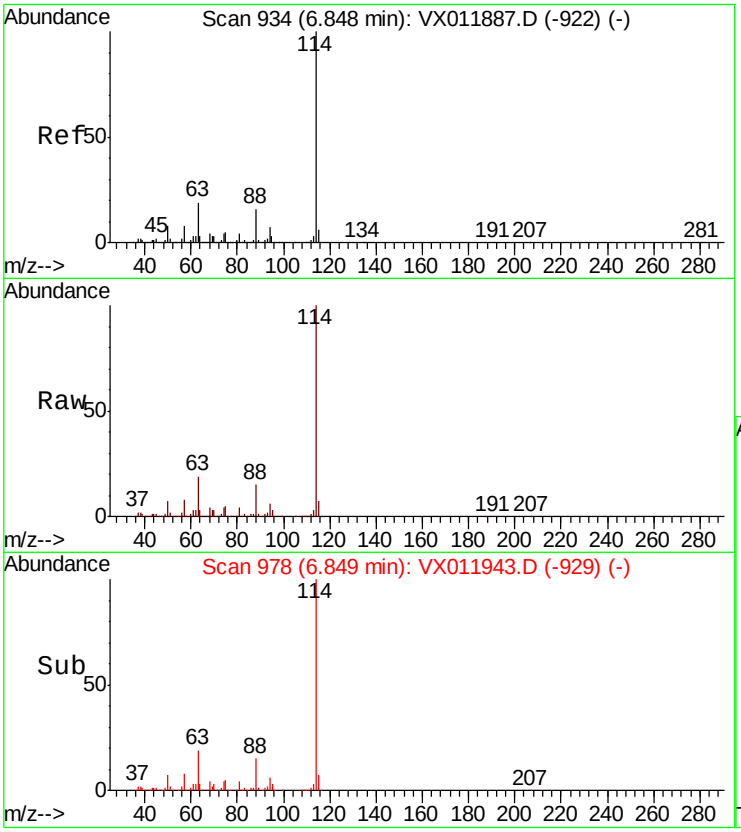


#33
1,2-Dichloroethane-d4
Concen: 47.641 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion: 65 Resp: 166203

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.2



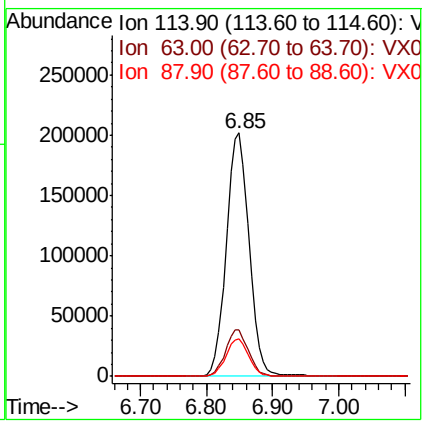


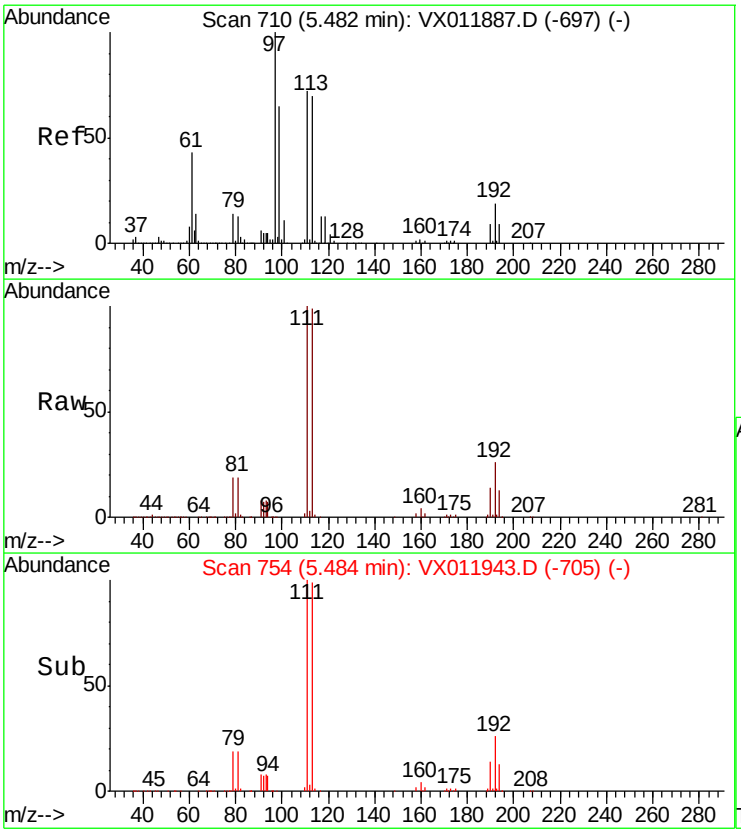
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion:114 Resp: 481959

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	15.3	0.0	31.2

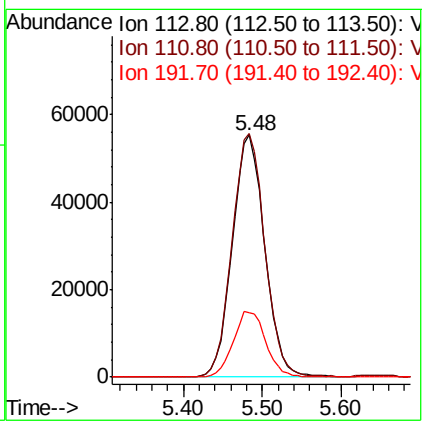


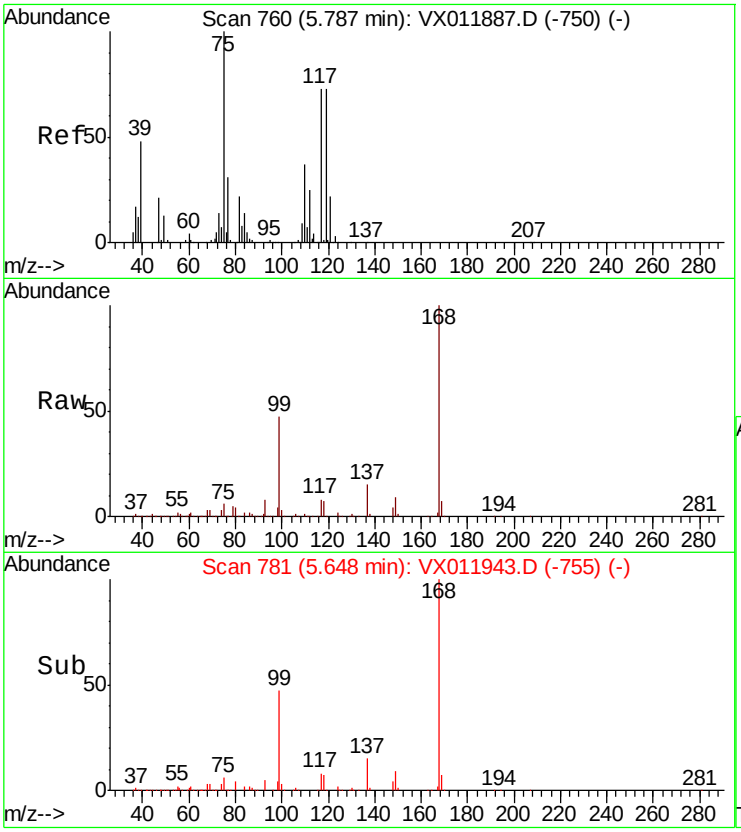


#35
Dibromofluoromethane
Concen: 51.121 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion:113 Resp: 157991

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	27.4	21.5	32.3



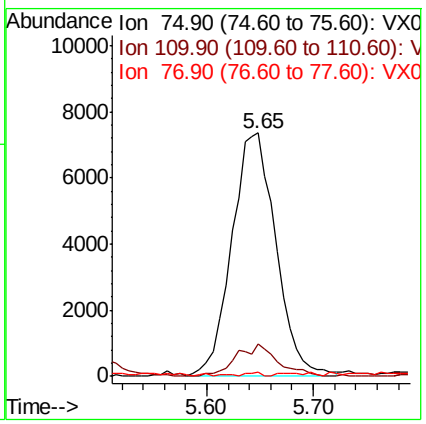


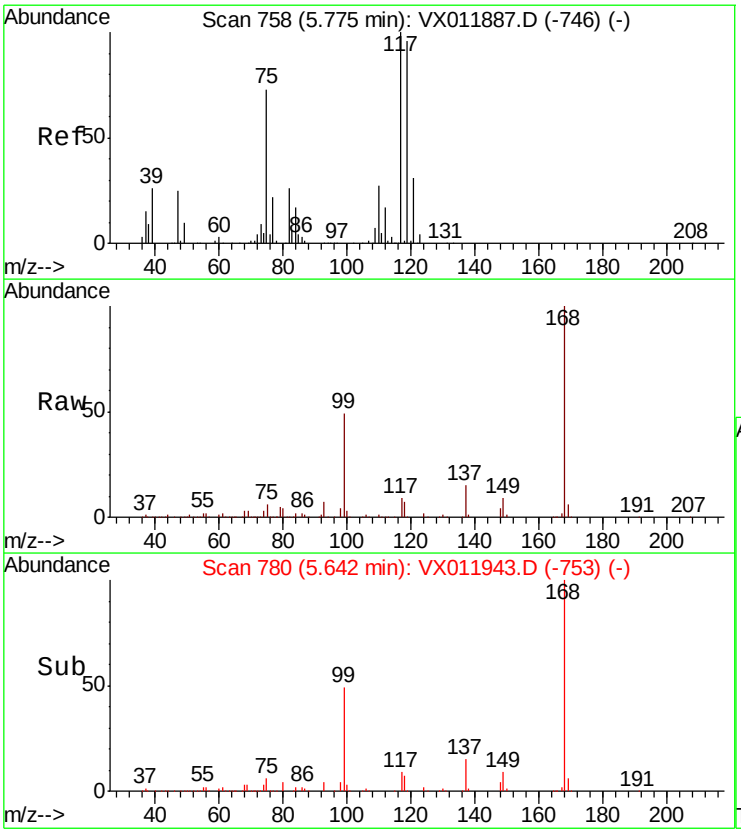
#36
1,1-Dichloropropene
Concen: 5.620 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument : MSVOA_X
ClientSampleId : VX0831SBL01

Tgt Ion: 75 Resp: 21459

Ion	Ratio	Lower	Upper
75	100		
110	12.3	19.1	57.3#
77	0.6	24.4	36.6#

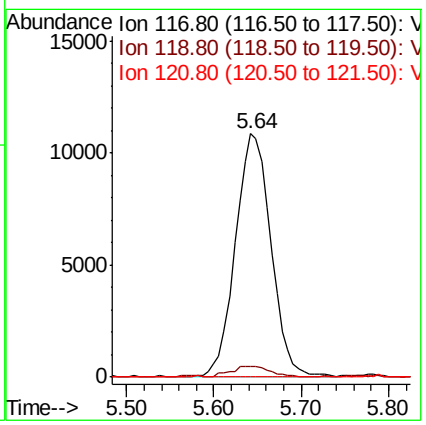


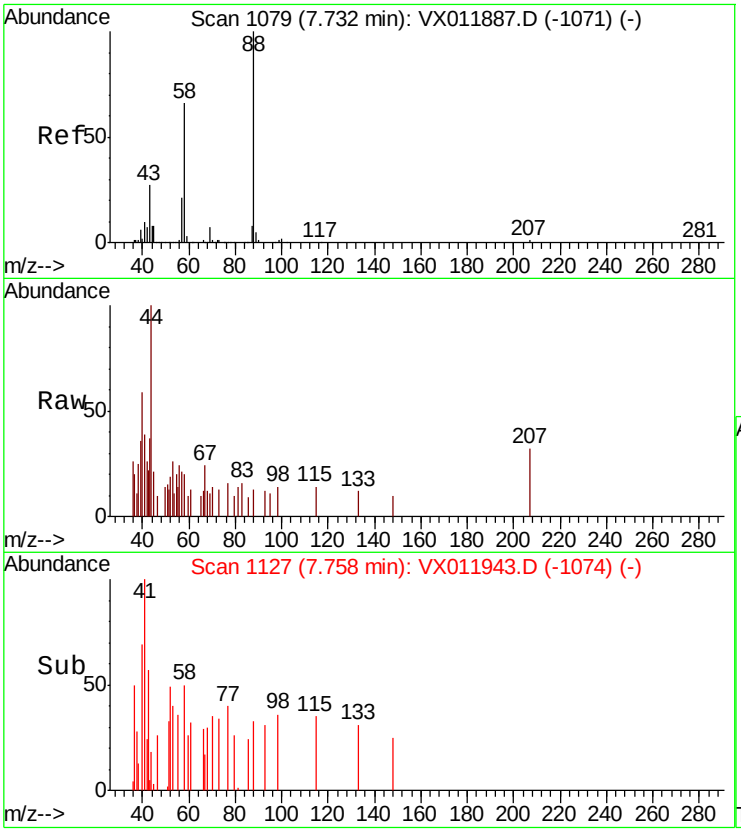


#38
Carbon Tetrachloride
Concen: 6.934 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion:117 Resp: 30707

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.6	114.8#
121	0.0	24.7	37.1#



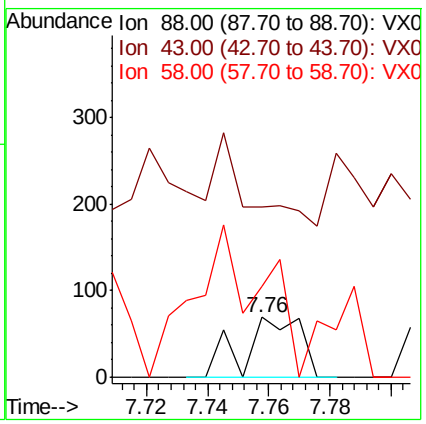


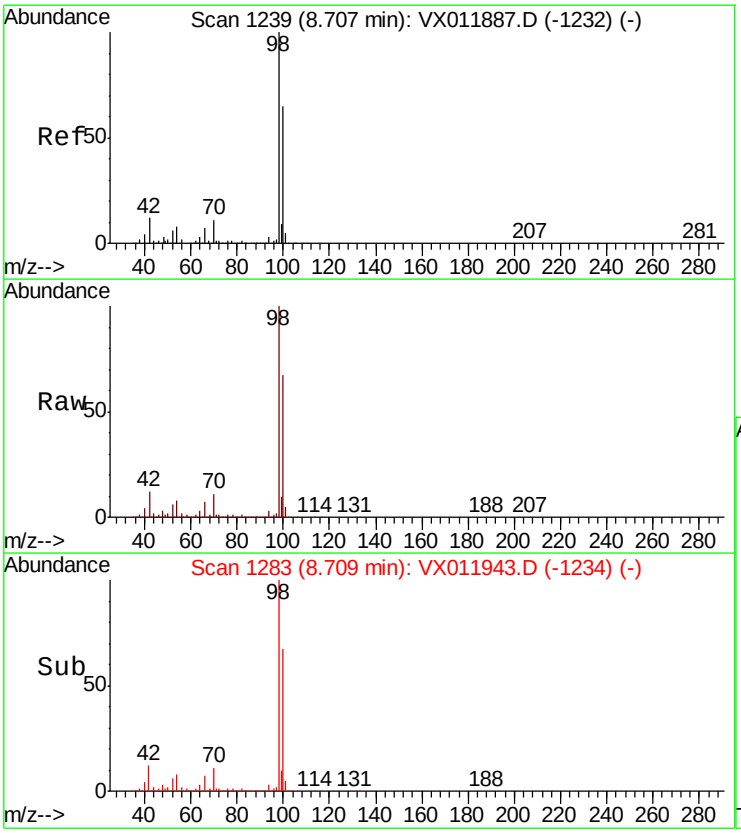
#49
1,4-Dioxane
Concen: 2.935 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.03 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument : MSVOA_X
ClientSampleId : VX0831SBL01

Tgt Ion: 88 Resp: 90

Ion	Ratio	Lower	Upper
88	100		
43	74.4	27.3	40.9#
58	302.2	53.9	80.9#

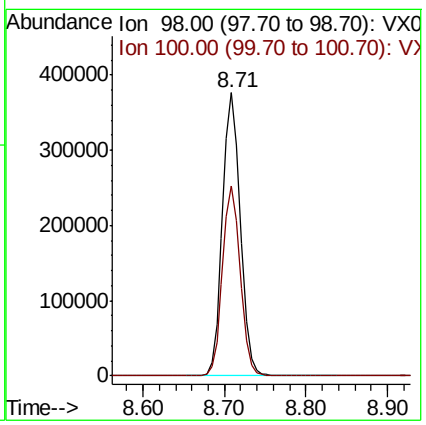


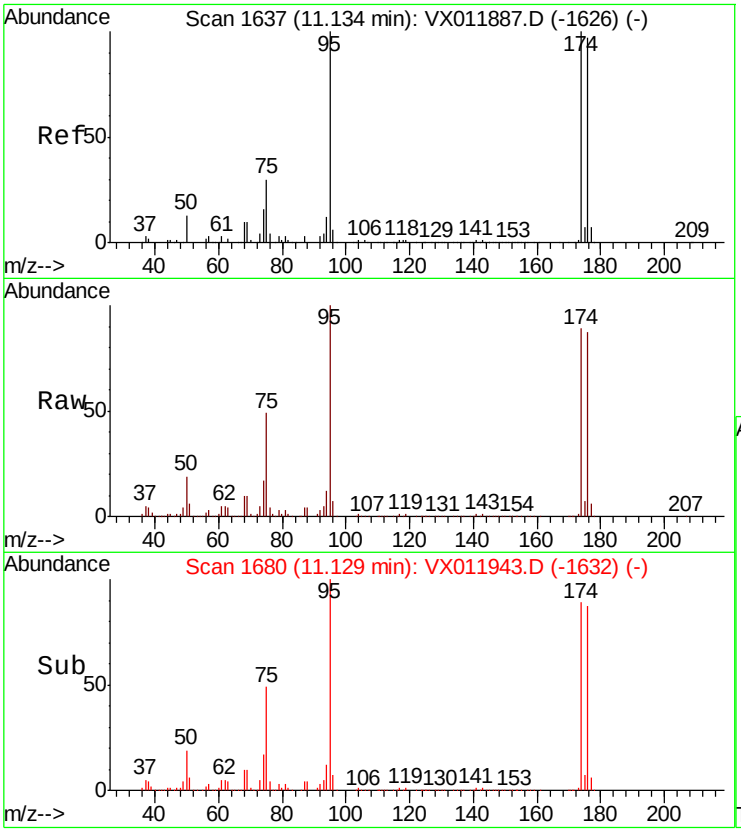


#50
Toluene-d8
Concen: 51.756 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion: 98 Resp: 571786

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6



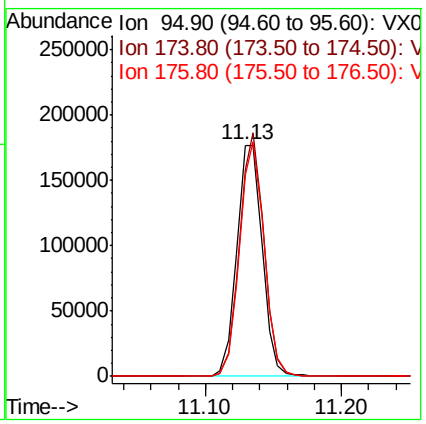


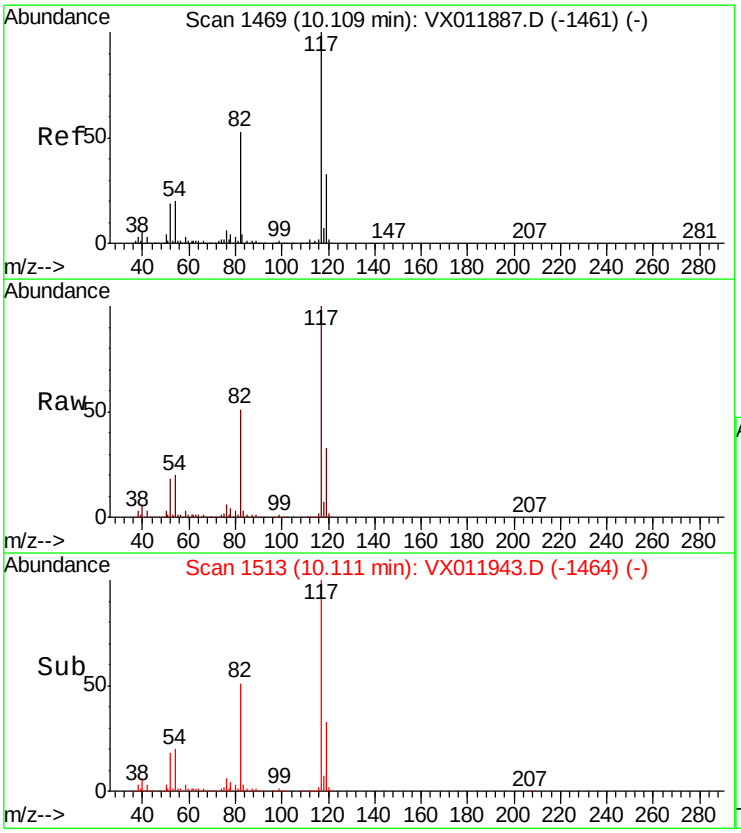
#62
4-Bromofluorobenzene
Concen: 47.634 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion: 95 Resp: 230845

Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	196.0
176	97.6	0.0	191.4

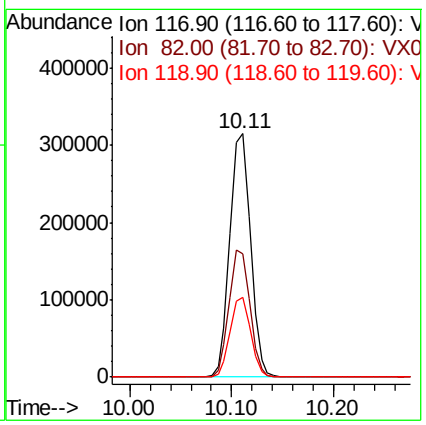


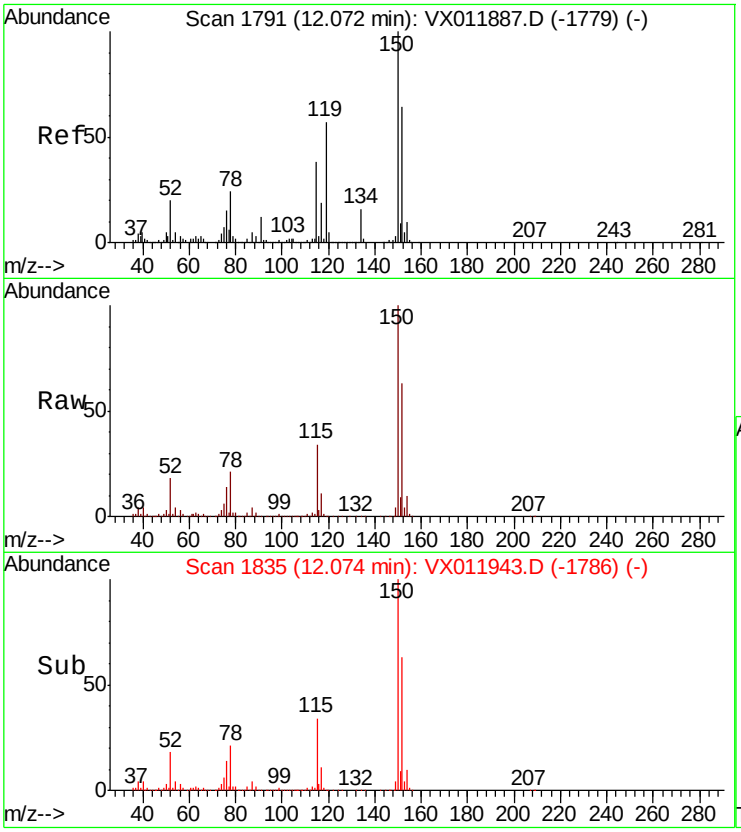


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion:117 Resp: 440643

Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	32.7	26.2	39.4



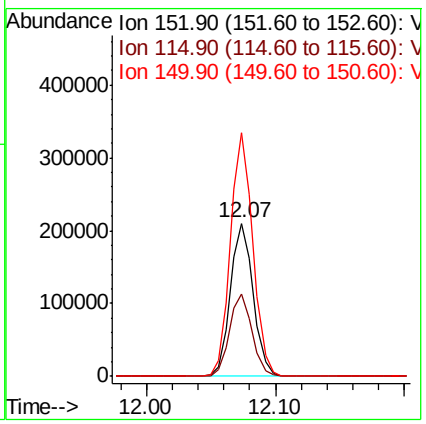


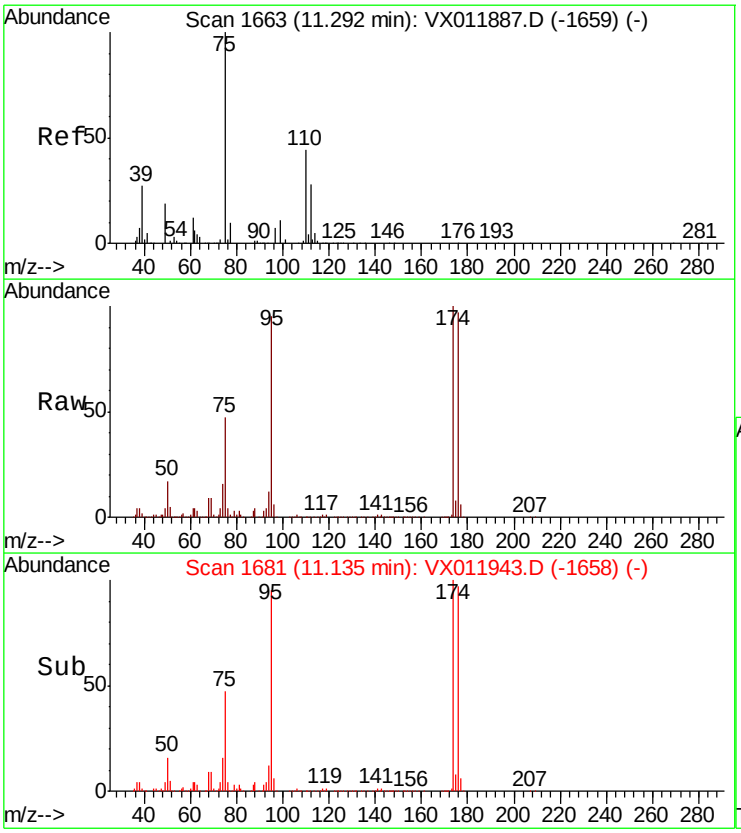
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion:152 Resp: 260335

Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.1	111.3
150	156.4	0.0	339.6

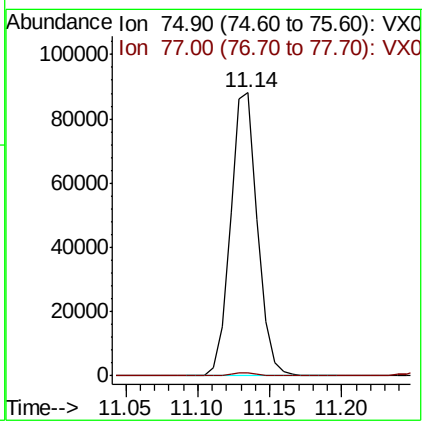


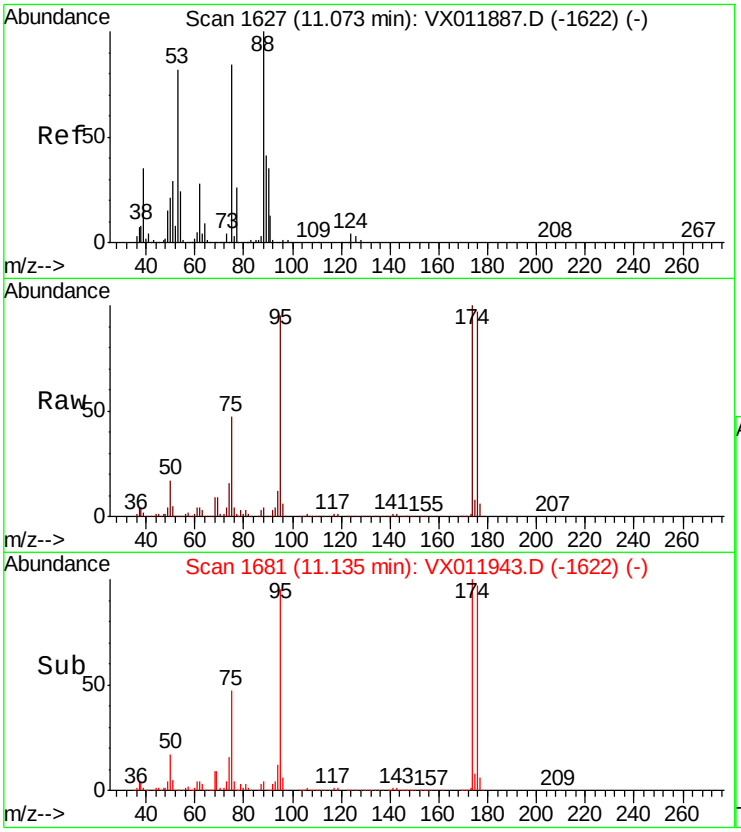


#76
1,2,3-Trichloropropane
Concen: 44.977 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion: 75 Resp: 115182

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.9	62.7#



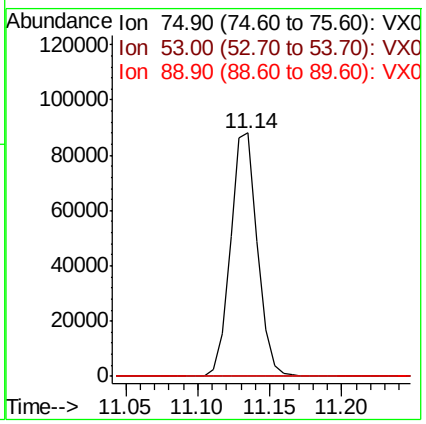


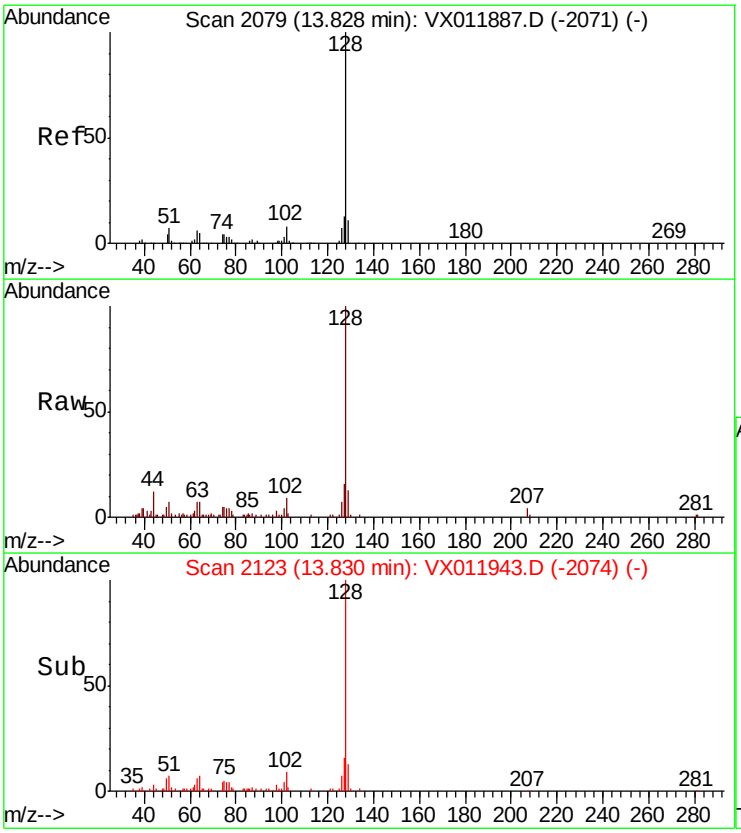
#81
trans-1,4-Dichloro-2-butene
Concen: 112.989 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.06 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL01

Tgt Ion: 75 Resp: 115182

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.1	115.7#
89	0.0	38.2	57.2#





#95
Naphthalene
Concen: 1.052 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX011943.D
Acq: 31 Aug 2019 11:33

Tgt Ion:128 Resp: 11391

Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.4	15.6
129	11.3	8.8	13.2