Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\

Quantitation Report (Not Reviewed)

Data File : VX005831.D
Acq On : 07 Nov 2018 16:50
Operator : JC/MD
Sample : J5848-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S81-EB-2018-1

Quant Time: Nov 19 08:01:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	115358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	162156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	132989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70866	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.88%			
35) Dibromofluoromethane	5.51	113	55141	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
50) Toluene-d8	8.71	98	183990	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.36%			
62) 4-Bromofluorobenzene	11.14	95	59907	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.88%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	946	0.693	ug/l	98
5) Bromomethane	1.65	94	202	0.241	ug/l #	63
10) Methyl Iodide	2.52	142	267	0.211	ug/l #	78
11) Tert butyl alcohol	3.06	59	428	1.127	ug/l #	72
13) Acrolein	2.29	56	59	19.464	ug/l	96
15) Acrylonitrile	3.15	53	278	0.353	ug/l	90
16) Acetone	2.45	43	8060	11.288	ug/l	96
17) Carbon Disulfide	2.57	76	4500	1.480	ug/l #	94
18) Methyl Acetate	2.78	43	254	Below Cal	#	55
20) Methylene Chloride	2.86	84	14139	12.054	ug/l	95
25) 2-Butanone	4.71	43	1181	1.052	ug/l	95
29) Tetrahydrofuran	5.16	42	34108	47.320	ug/l	98
31) Cyclohexane	5.66	56	2304	1.247	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	8358	5.347	ug/l #	49
37) Ethyl Acetate	4.71	43	1181	0.575	ug/l #	69
38) Carbon Tetrachloride	5.67	117	10837	6.925	ug/l #	15
41) Methacrylonitrile	5.17	41	20431	18.393	ug/l #	49
74) N-amyl acetate	10.91	43	20	1.260	ug/l #	44
76) 1,2,3-Trichloropropane	11.14	75	30878	22.881	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	30878	72.927	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	373	Below Cal		72
93) 1,2,4-Trichlorobenzene	13.65	180	346	0.237	ug/l	97
95) Naphthalene	13.83	128	670	1.315	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.02	180	306	0.205	ug/l	87

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

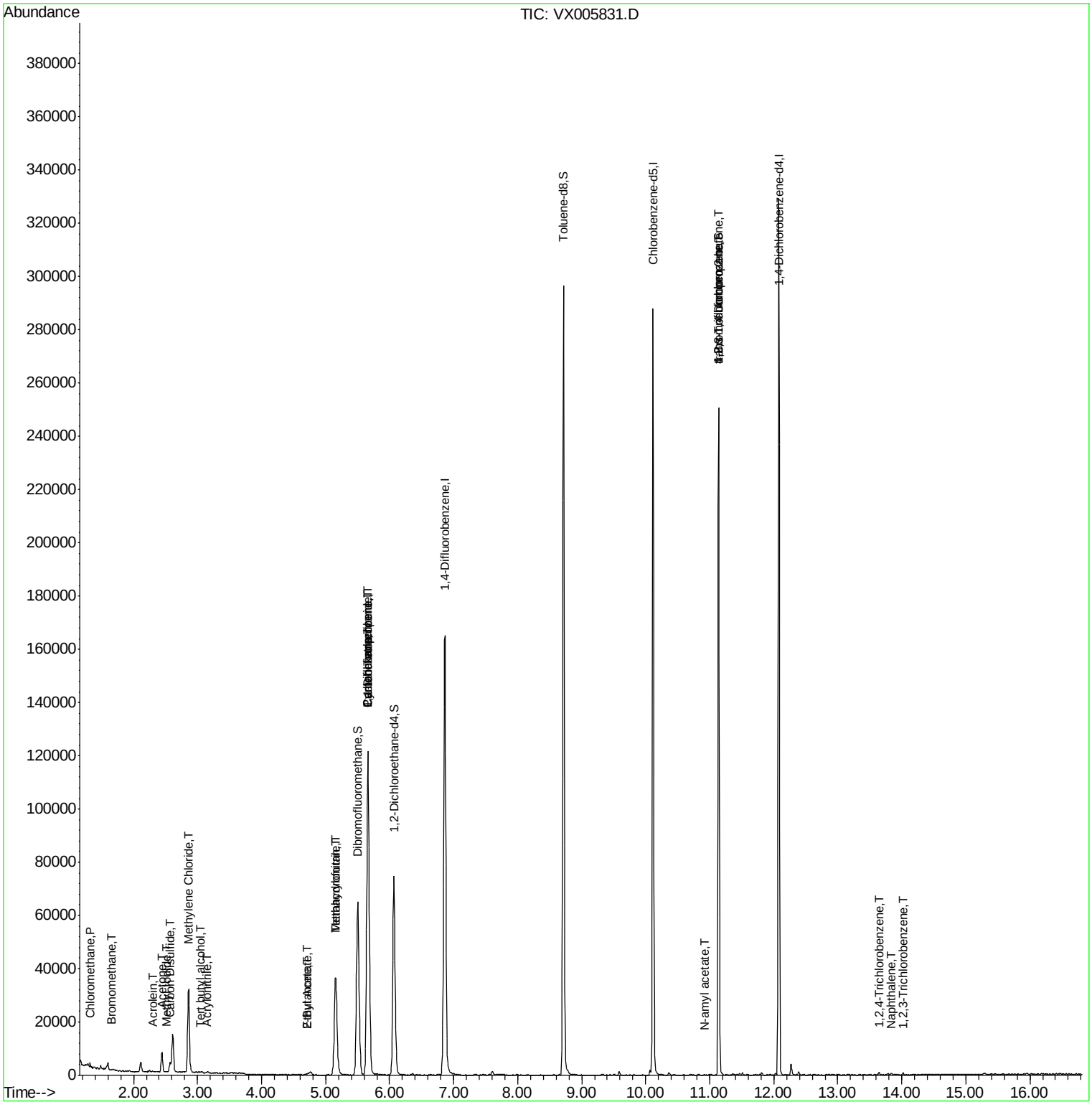
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\

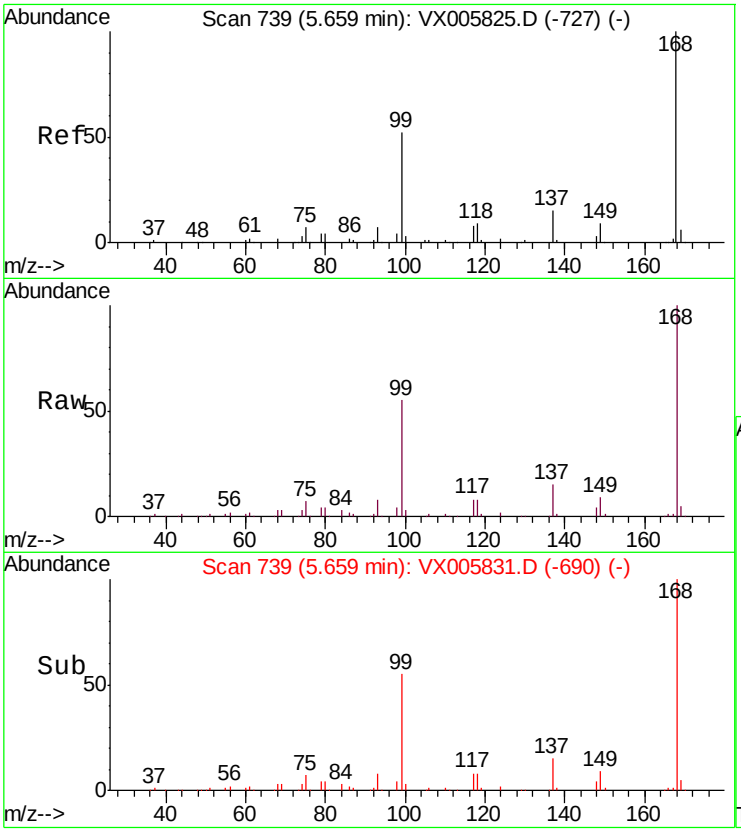
Quantitation Report (Not Reviewed)

Data File : VX005831.D
Acq On : 07 Nov 2018 16:50
Operator : JC/MD
Sample : J5848-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Quant Time: Nov 19 08:01:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration



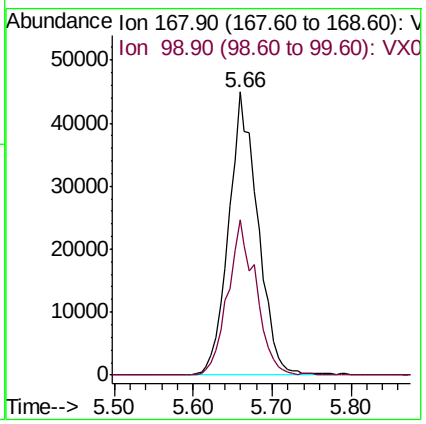


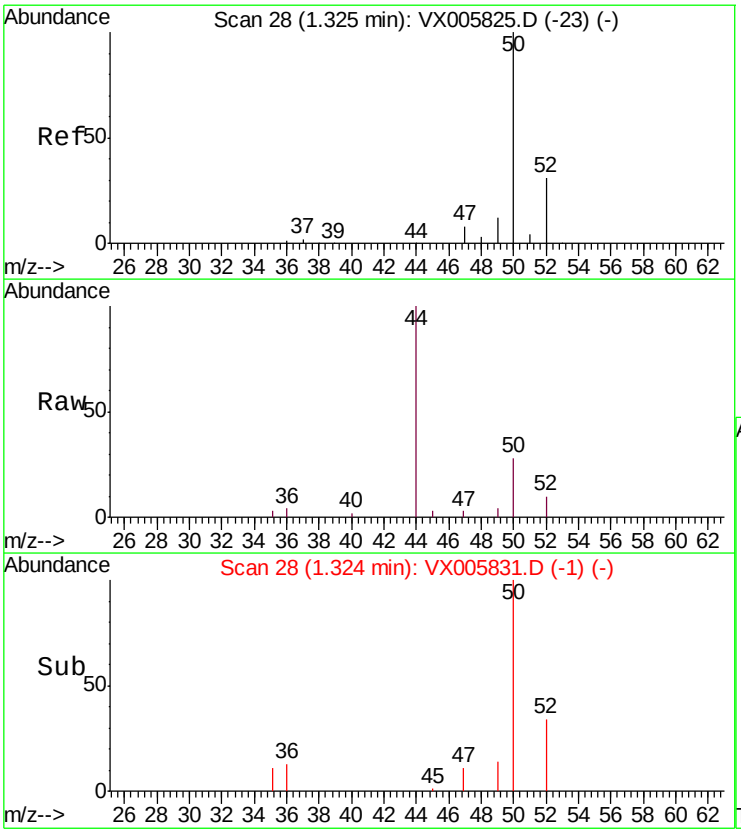
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion:168 Resp: 115358

Ion	Ratio	Lower	Upper
168	100		
99	54.9	40.7	61.1

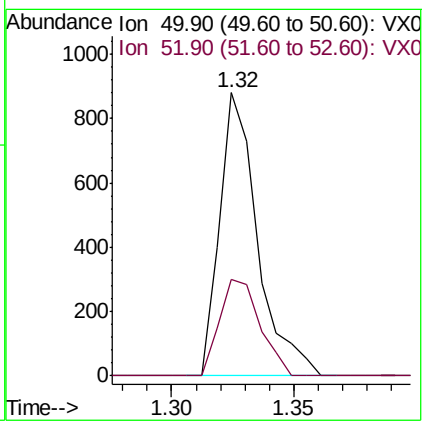


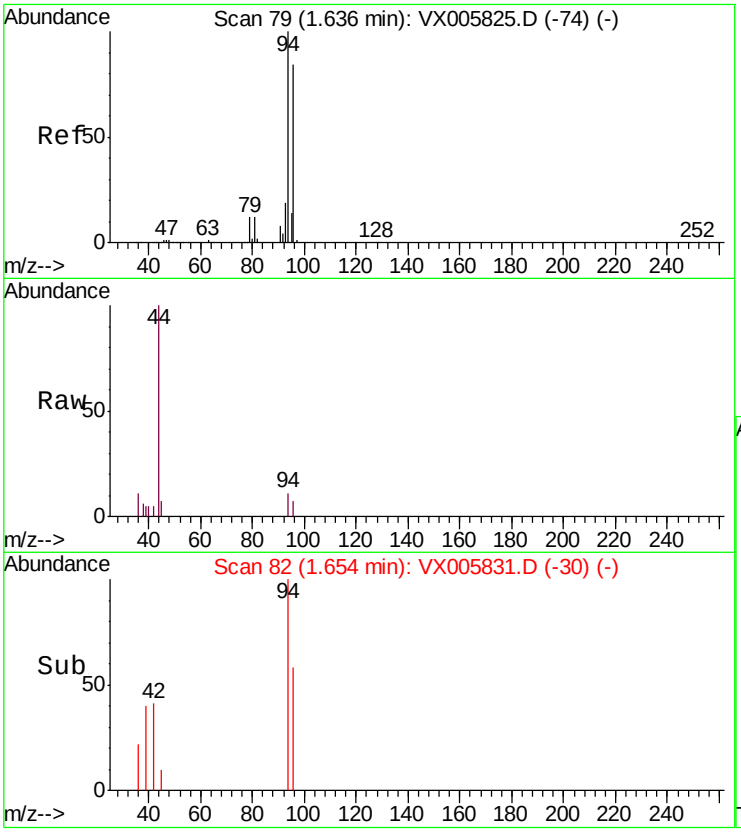


#3
Chloromethane
Concen: 0.693 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 50 Resp: 946

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.2	39.2



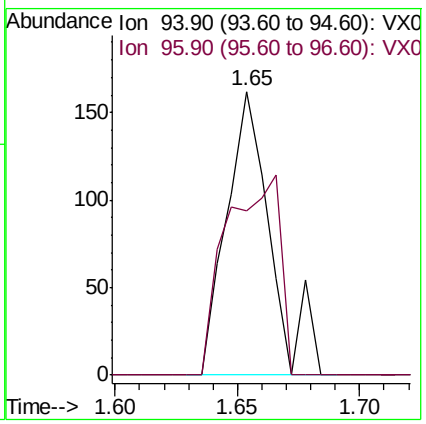


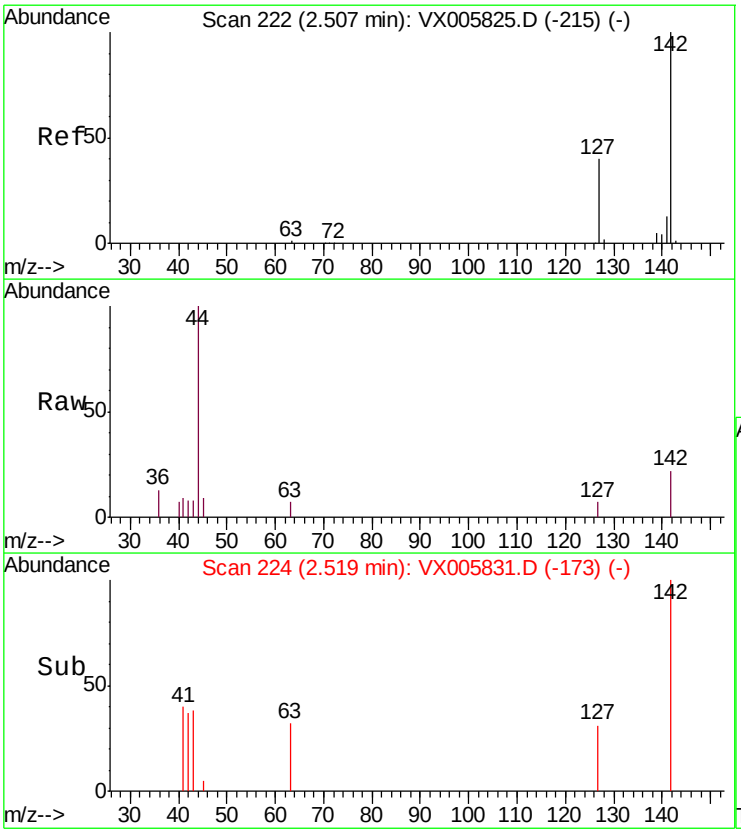
#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument : MSVOA_X
ClientSampleId : S81-EB-2018-1

Tgt Ion: 94 Resp: 202

Ion	Ratio	Lower	Upper
94	100		
96	58.0	75.2	112.8#

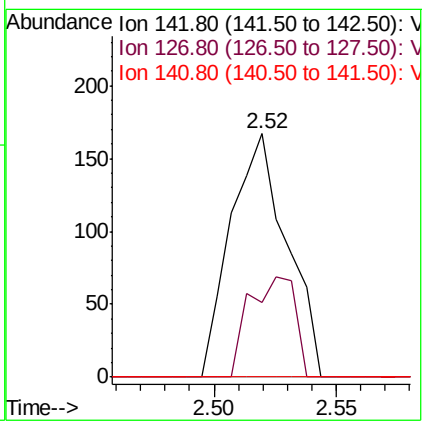


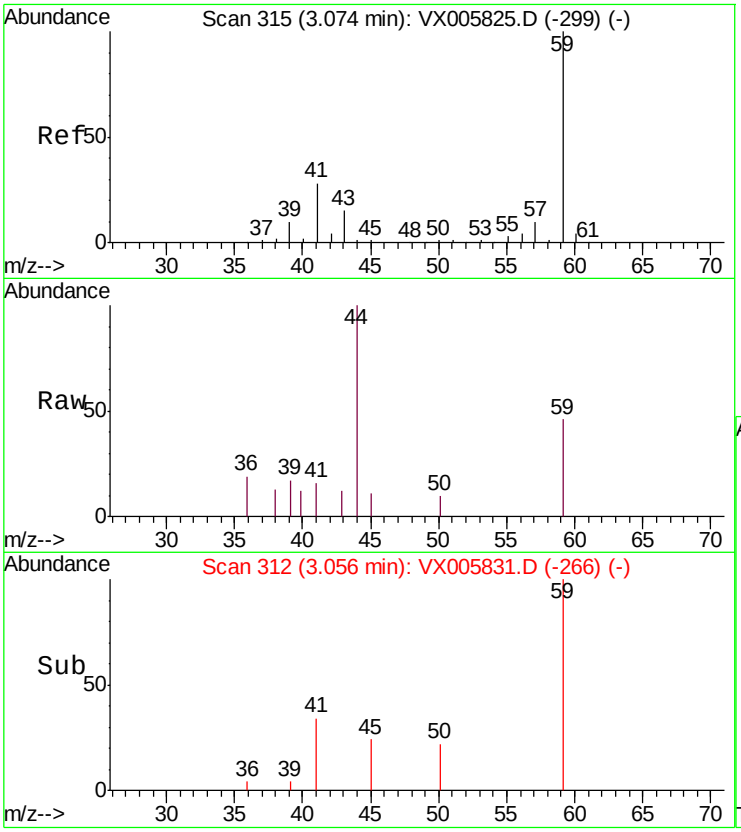


#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion:142 Resp: 267

Ion	Ratio	Lower	Upper
142	100		
127	33.3	36.0	54.0#
141	0.0	11.7	17.5#



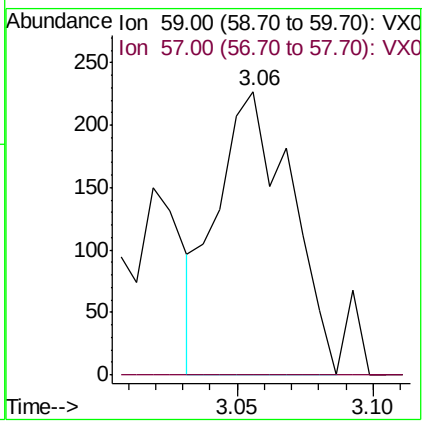


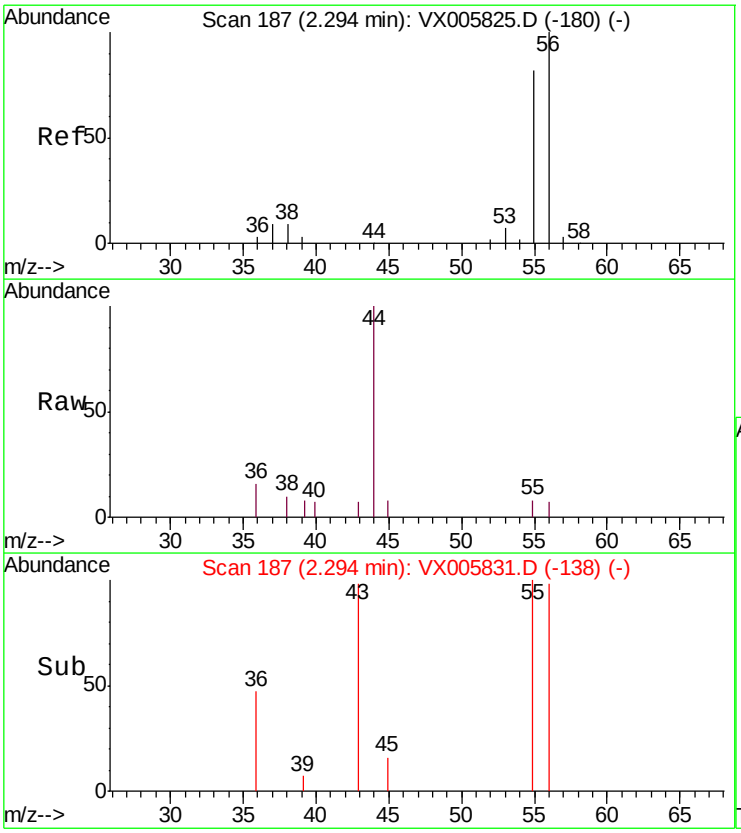
#11
Tert butyl alcohol
Concen: 1.127 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument : MSVOA_X
ClientSampleId : S81-EB-2018-1

Tgt Ion: 59 Resp: 428

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

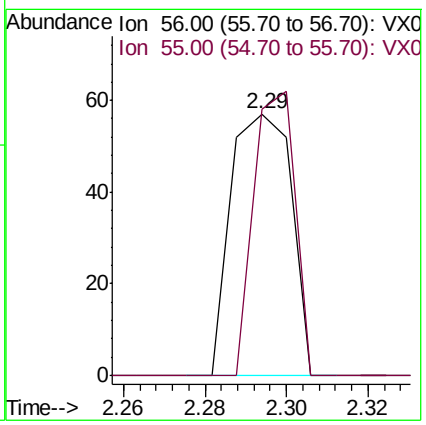


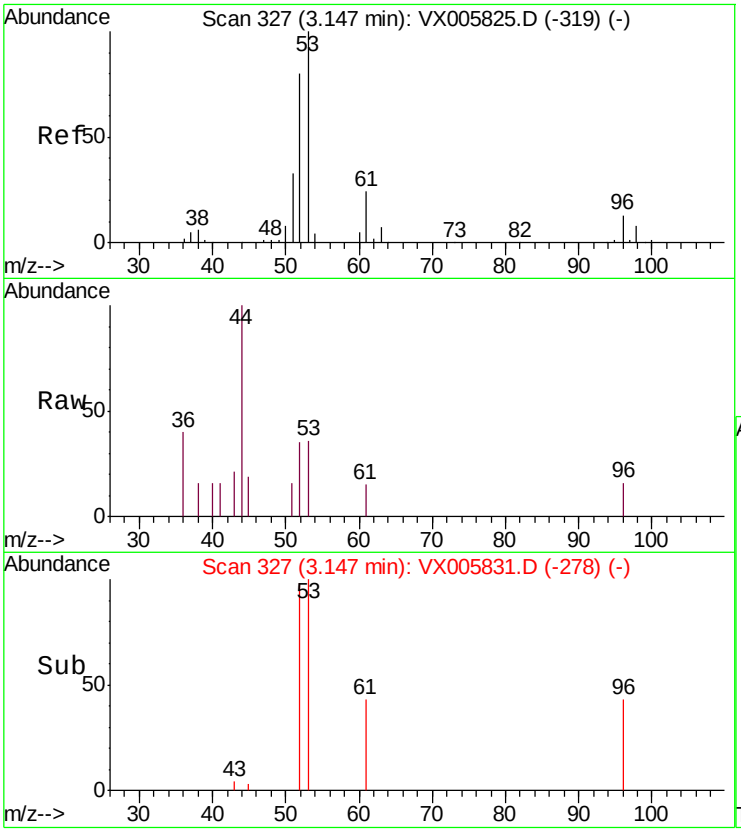


#13
Acrolein
Concen: 19.464 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	74.6	57.3	85.9



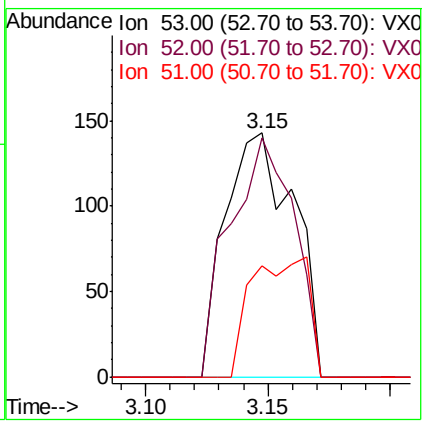


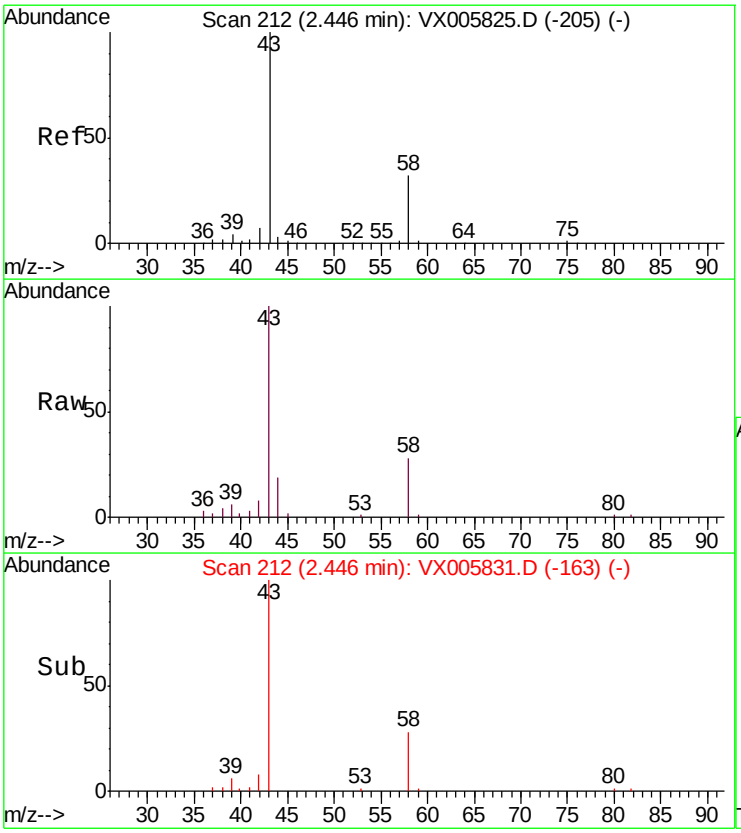
#15
Acrylonitrile
Concen: 0.353 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 53 Resp: 278

Ion	Ratio	Lower	Upper
53	100		
52	92.1	66.6	99.8
51	41.4	28.4	42.6

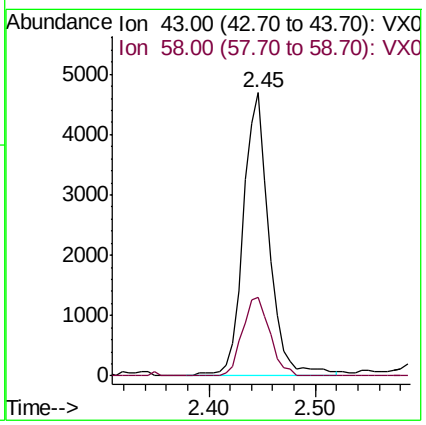


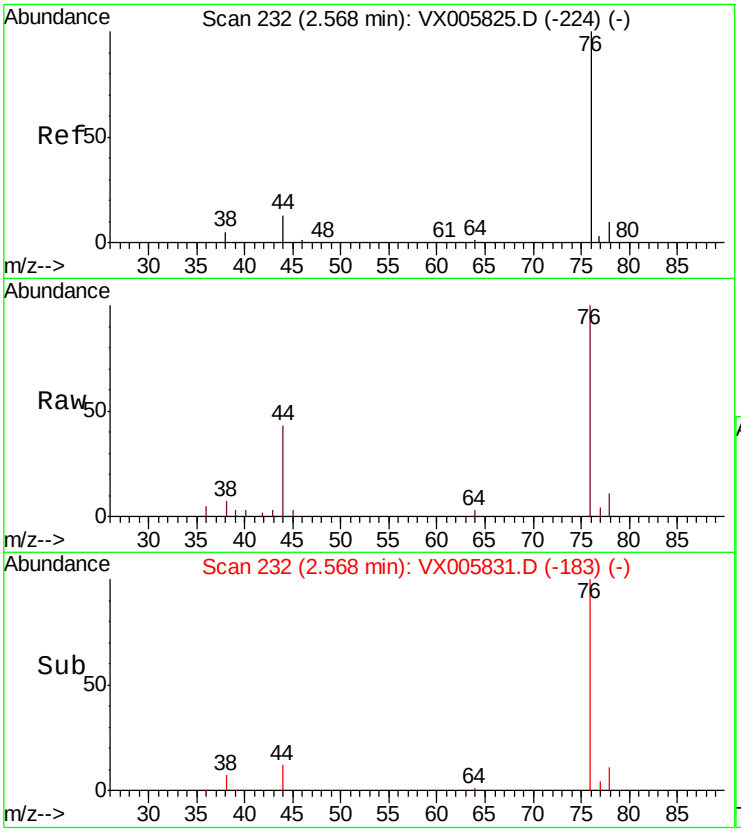


#16
Acetone
Concen: 11.288 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 43 Resp: 8060

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.8	35.6



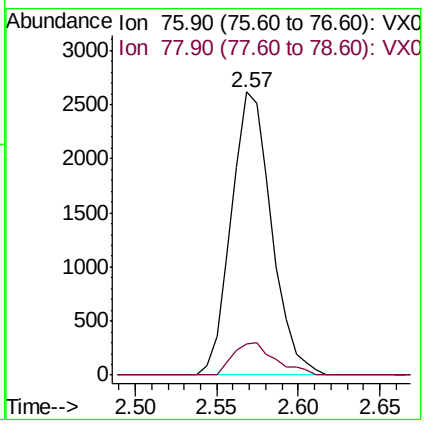


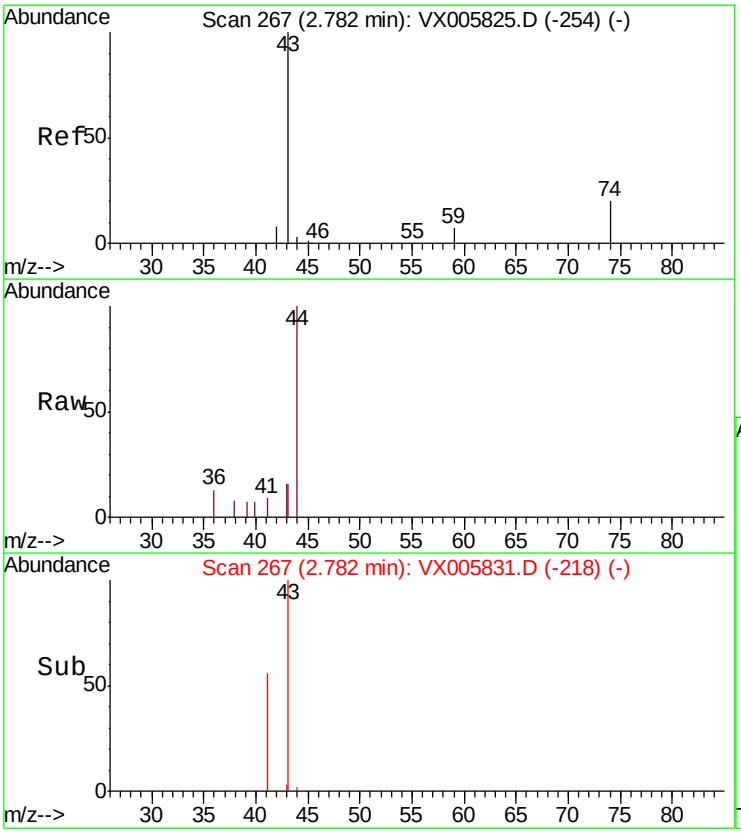
#17
Carbon Disulfide
Concen: 1.480 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 76 Resp: 4500

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.3	10.9#

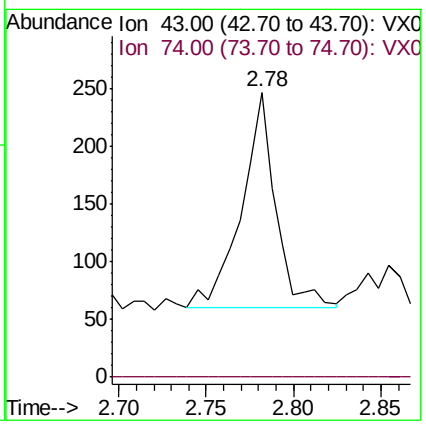


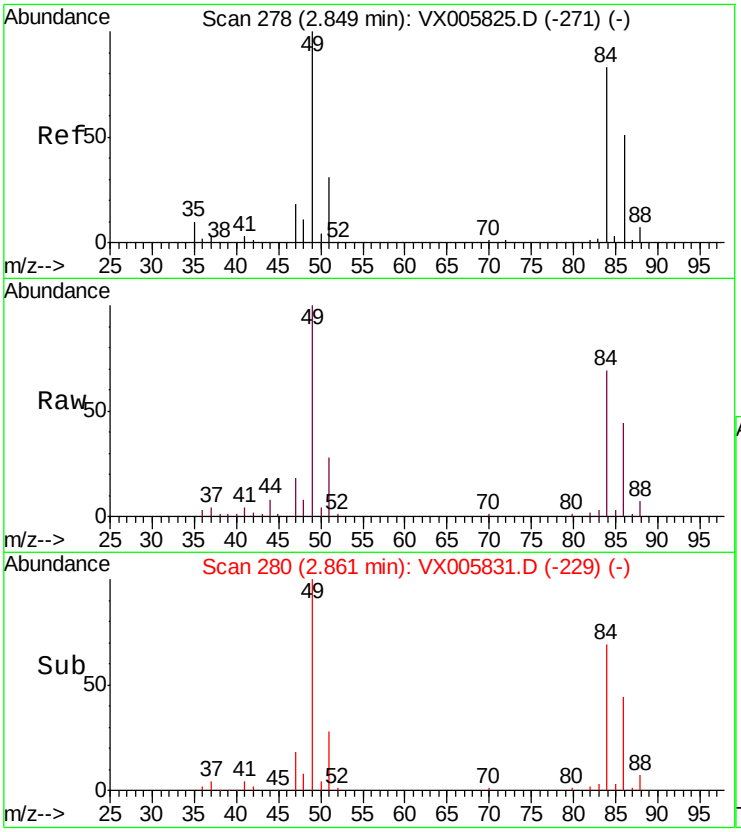


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 43 Resp: 254

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.8	25.2#



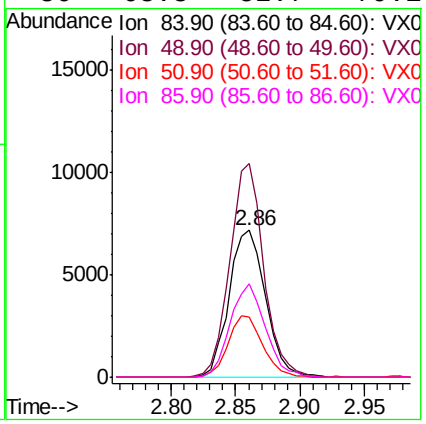


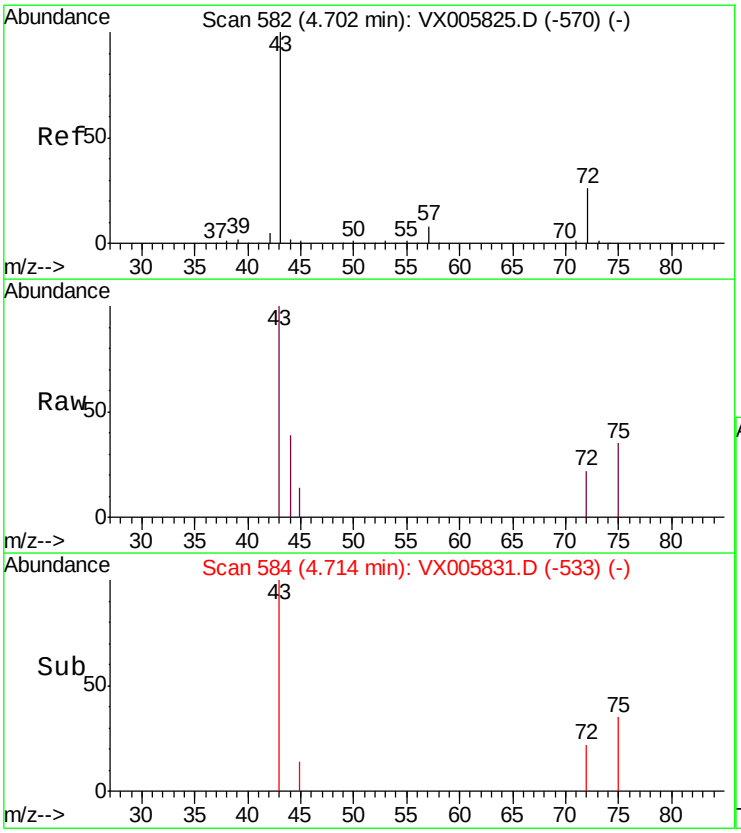
#20
Methylene Chloride
Concen: 12.054 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 84 Resp: 14139

Ion	Ratio	Lower	Upper
84	100		
49	145.5	109.5	164.3
51	41.2	33.3	49.9
86	63.3	52.7	79.1

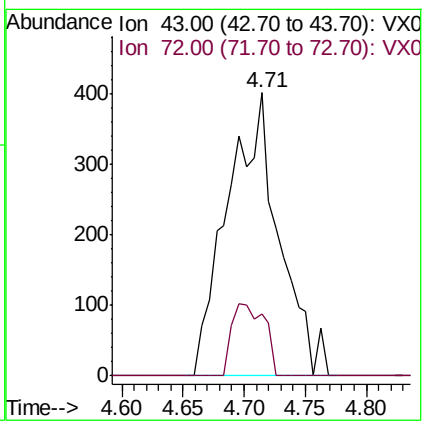


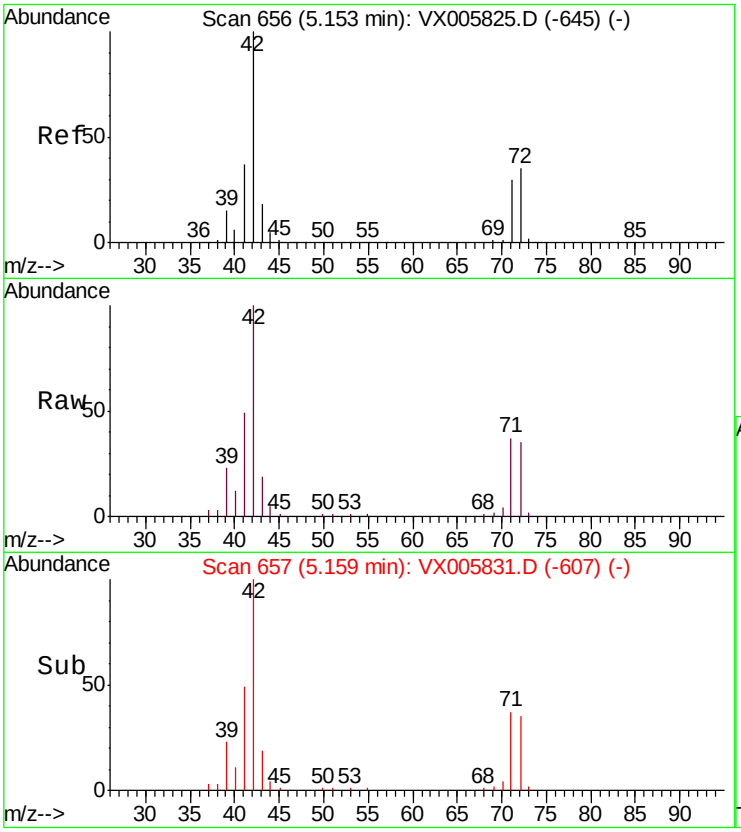


#25
2-Butanone
Concen: 1.052 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 43 Resp: 1181

Ion	Ratio	Lower	Upper
43	100		
72	21.7	19.2	28.8



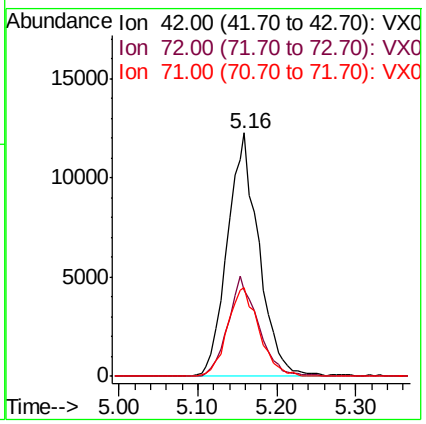


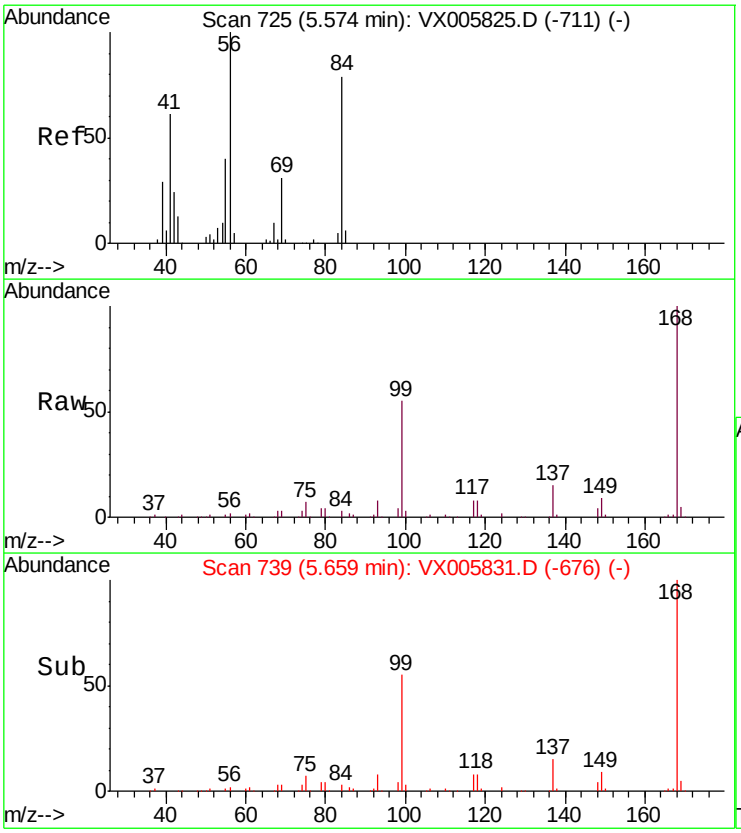
#29
Tetrahydrofuran
Concen: 47.320 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 42 Resp: 34108

Ion	Ratio	Lower	Upper
42	100		
72	38.9	32.0	48.0
71	36.4	29.8	44.8

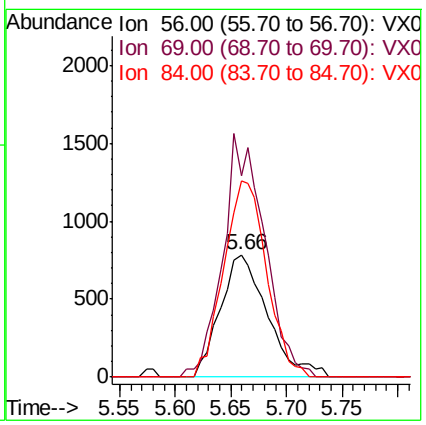


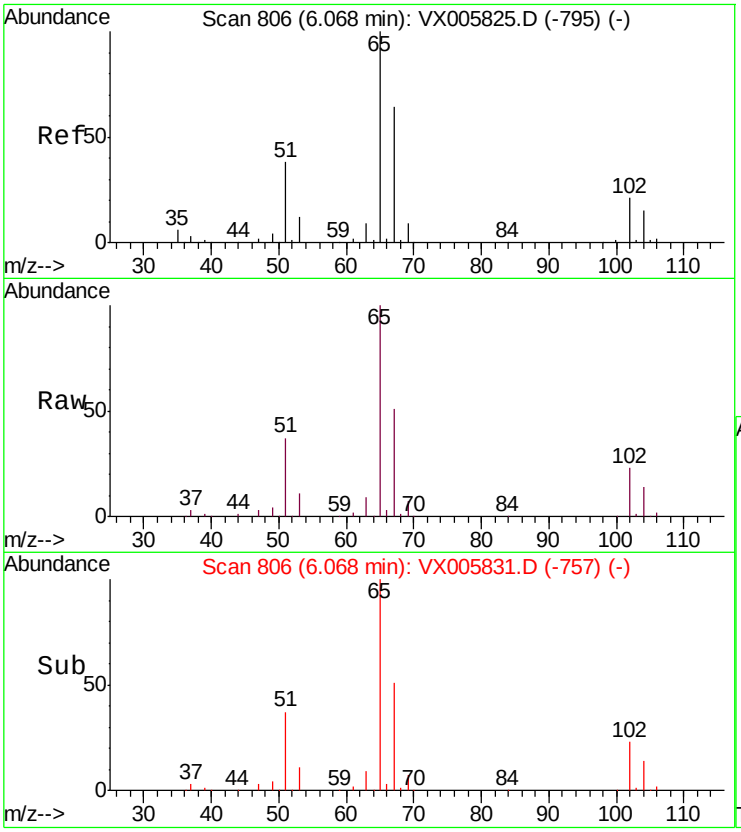


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 56 Resp: 2304

Ion	Ratio	Lower	Upper
56	100		
69	164.4	22.6	34.0#
84	161.0	62.7	94.1#



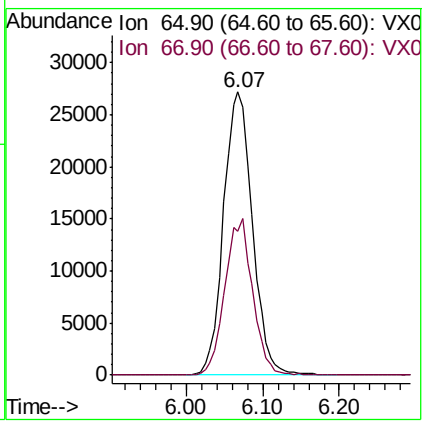


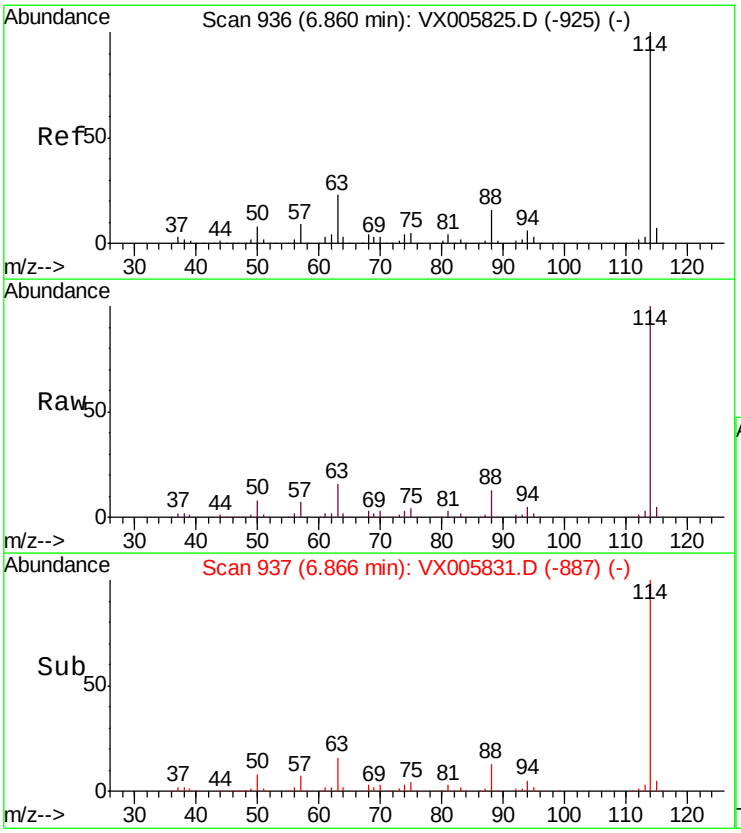
#33
1,2-Dichloroethane-d4
Concen: 53.436 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 65 Resp: 70866

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0

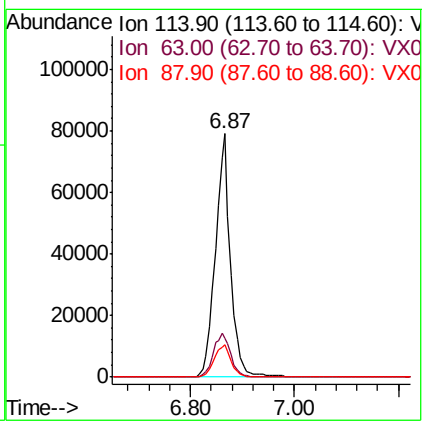


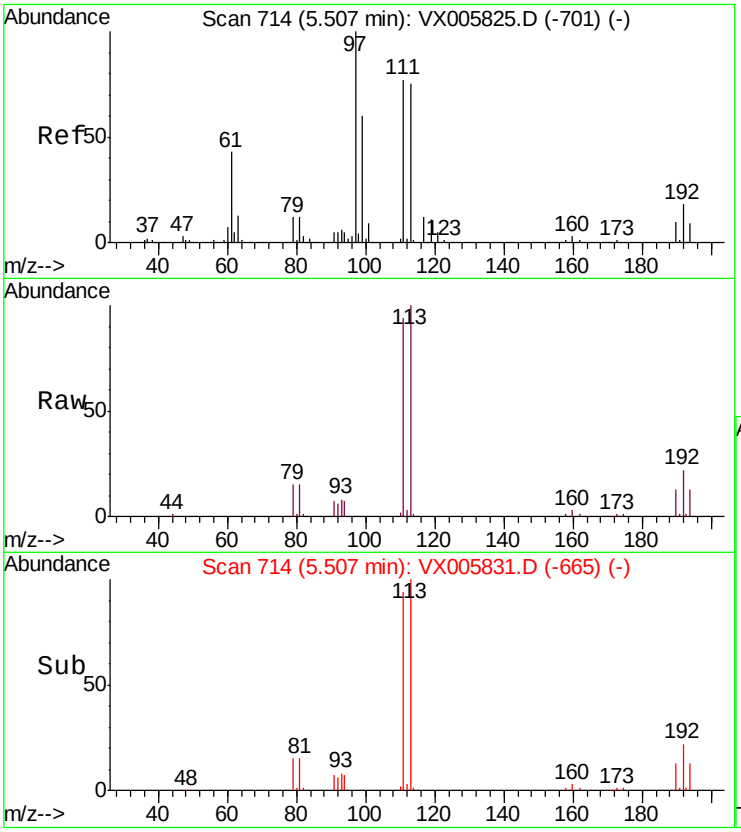


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion:114 Resp: 162156

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	42.8
88	13.2	0.0	31.2



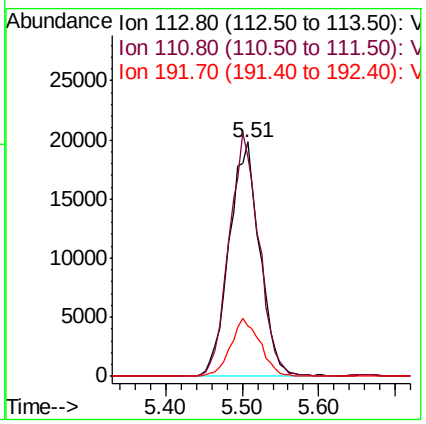


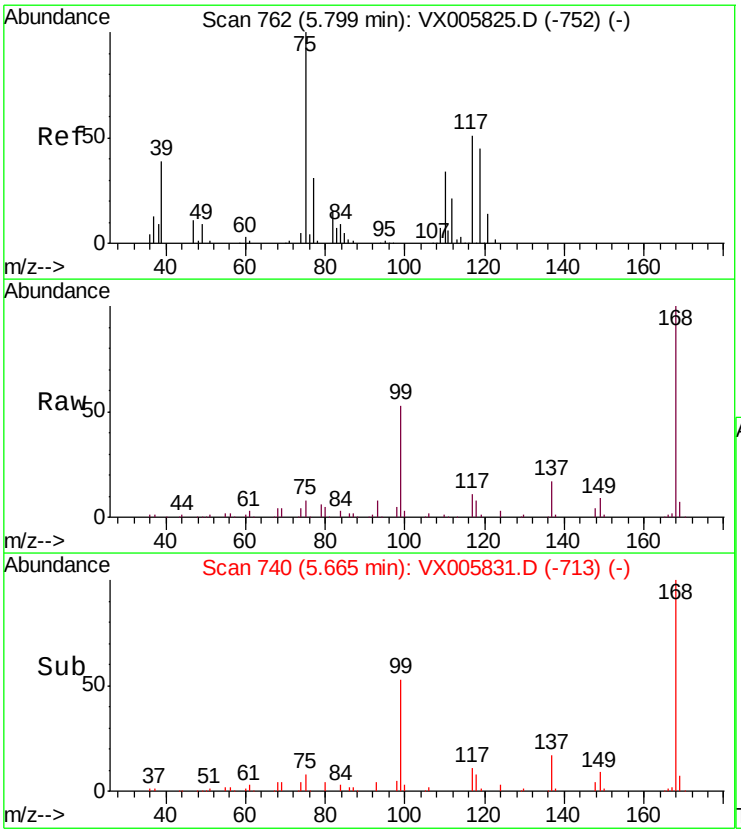
#35
Dibromofluoromethane
Concen: 49.996 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion:113 Resp: 55141

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.3	123.5
192	23.5	17.9	26.9

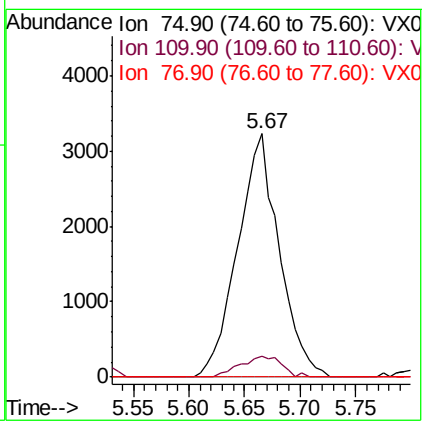


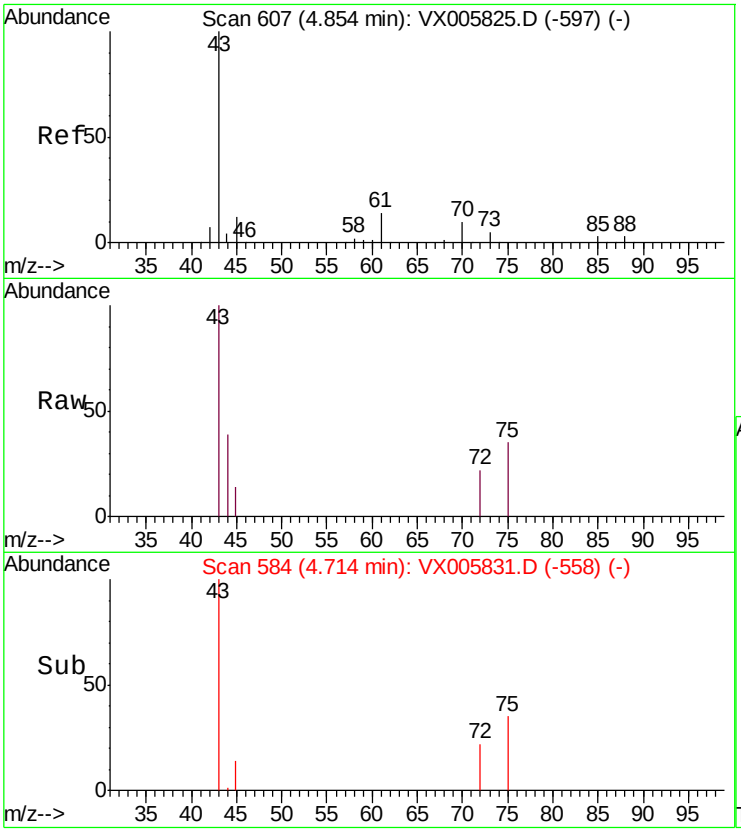


#36
1,1-Dichloropropene
Concen: 5.347 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 75 Resp: 8358

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.4	52.2#
77	0.0	25.8	38.6#



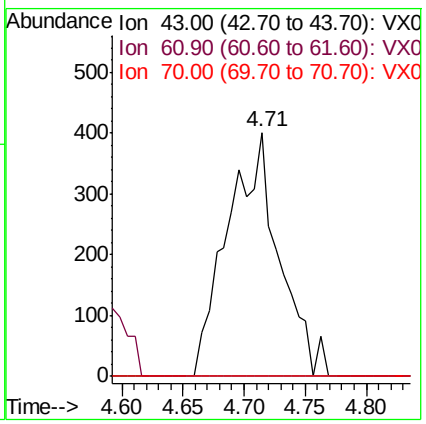


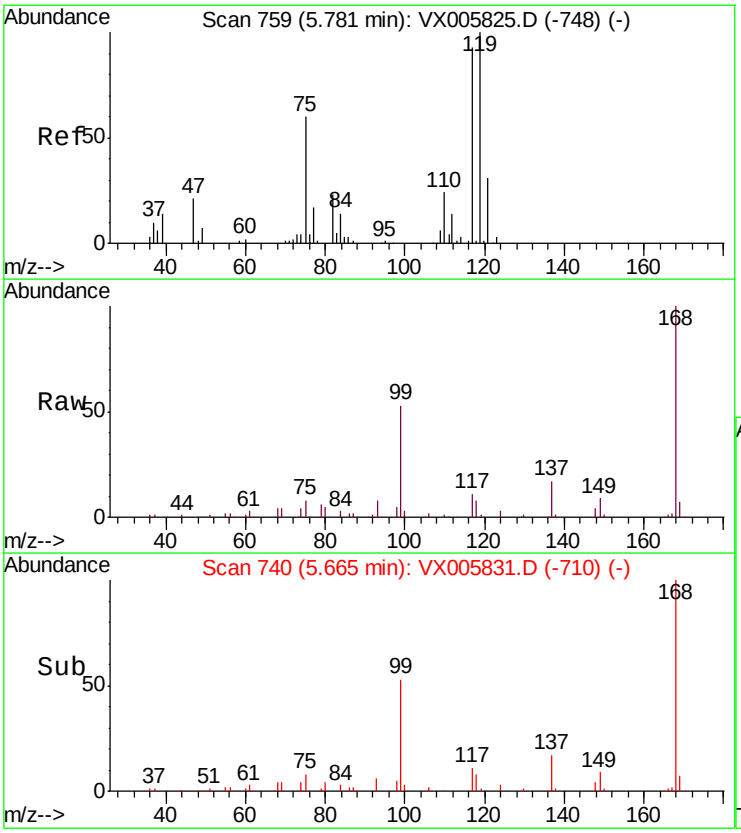
#37
Ethyl Acetate
Concen: 0.575 ug/l
RT: 4.71 min Scan# 584
Delta R.T. -0.14 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 43 Resp: 1181

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	0.0	7.8	11.8#

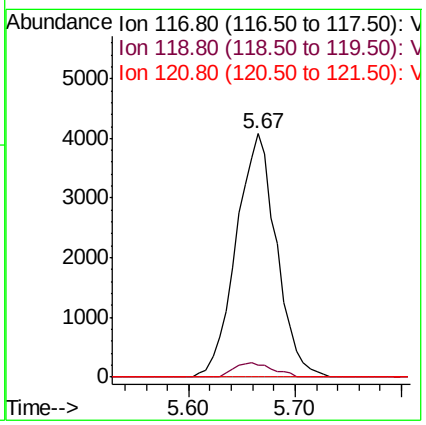


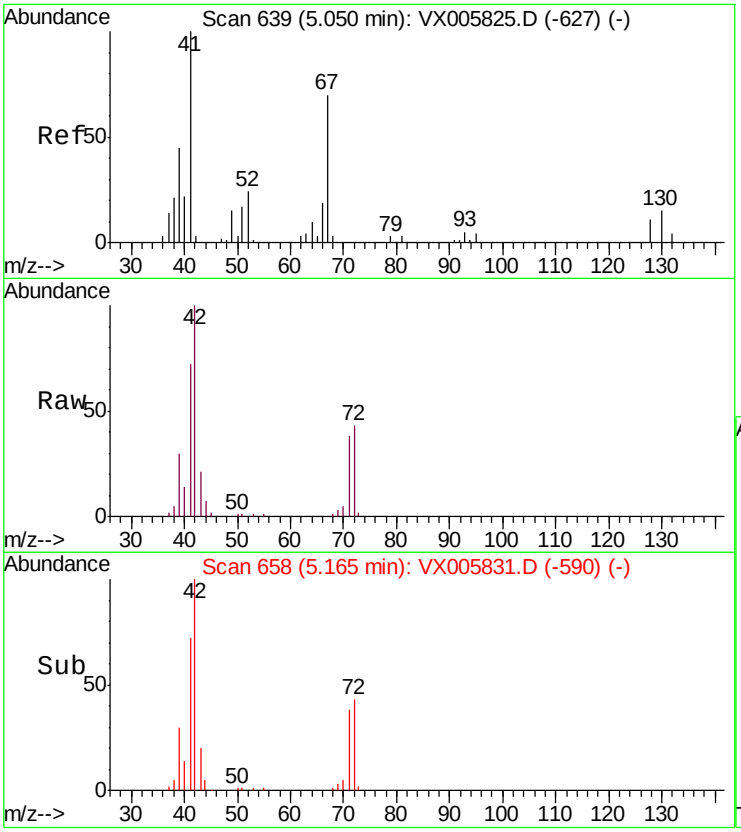


#38
Carbon Tetrachloride
Concen: 6.925 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion:117 Resp: 10837

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.1	117.1#
121	0.0	24.6	36.8#



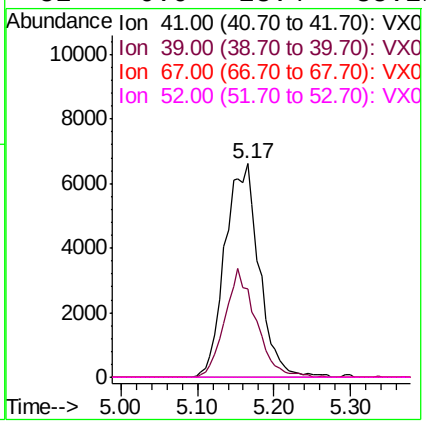


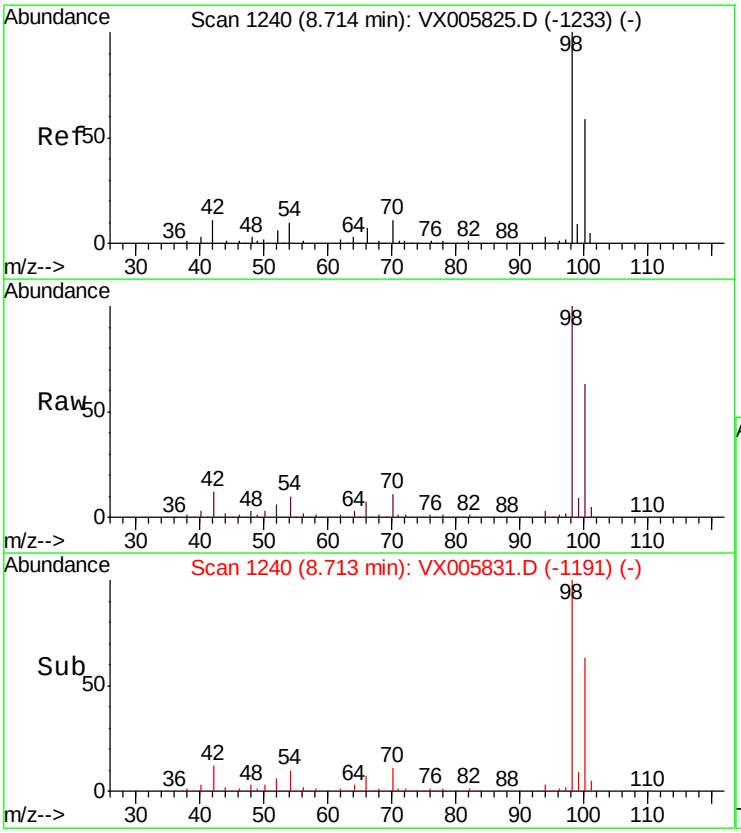
#41
Methacrylonitrile
Concen: 18.393 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.12 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument : MSVOA_X
ClientSampleId : S81-EB-2018-1

Tgt Ion: 41 Resp: 20431

Ion	Ratio	Lower	Upper
41	100		
39	46.3	42.2	63.2
67	0.0	53.4	80.0#
52	0.0	23.4	35.2#

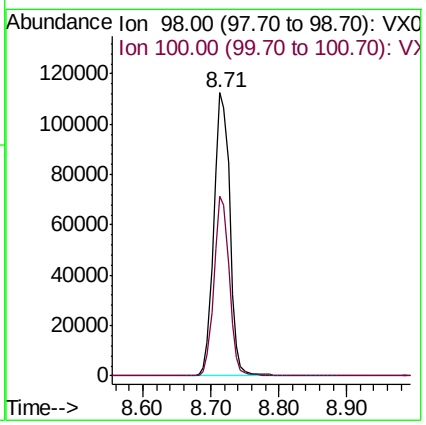


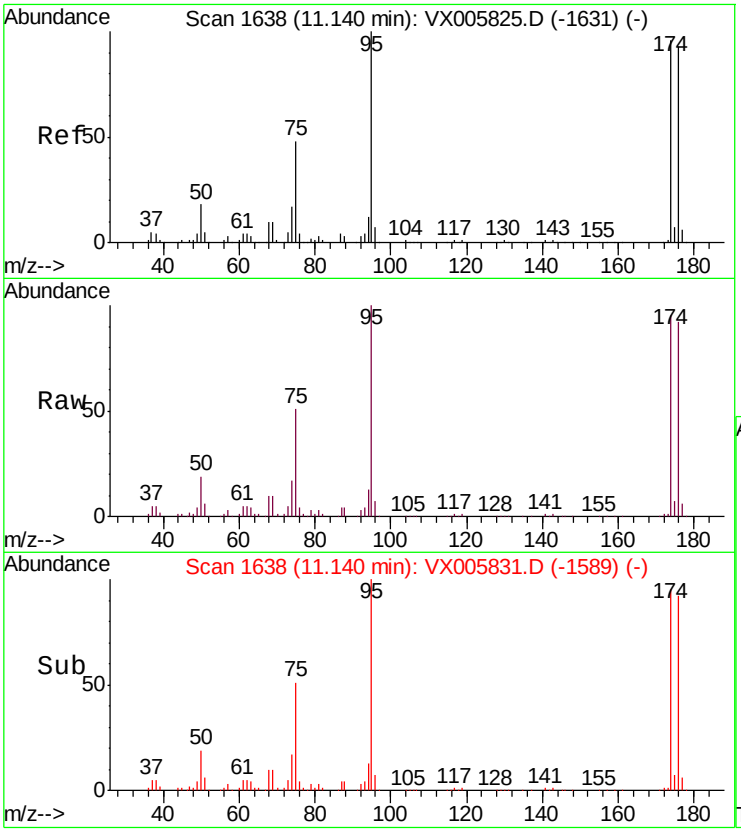


#50
Toluene-d8
Concen: 50.179 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 98 Resp: 183990

Ion	Ratio	Lower	Upper
98	100		
100	60.7	51.3	76.9



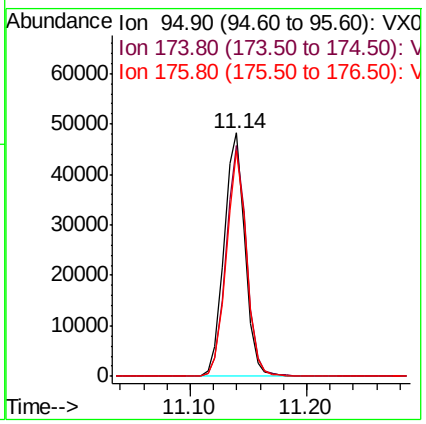


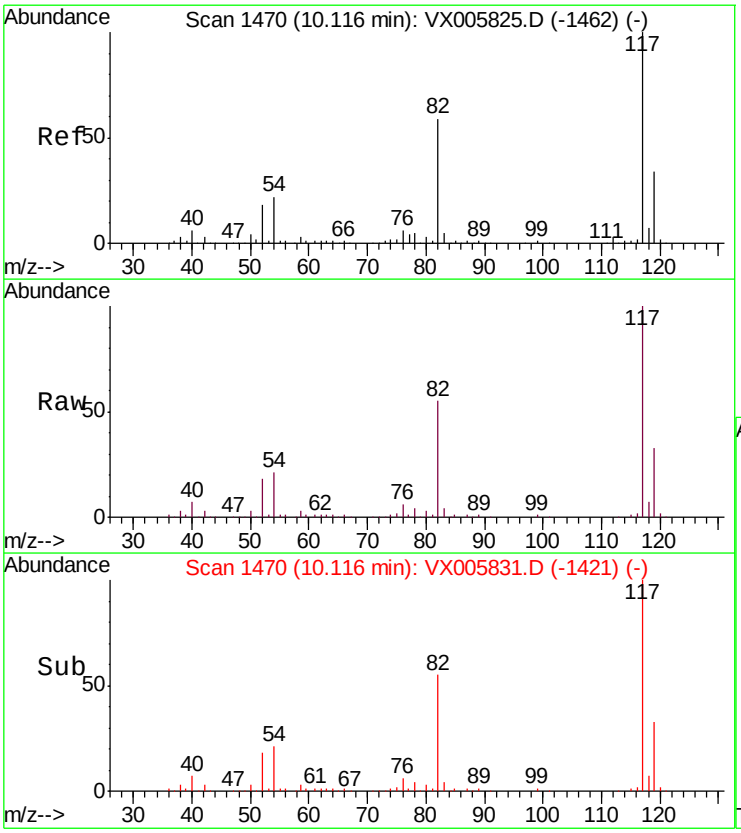
#62
4-Bromofluorobenzene
Concen: 45.442 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 95 Resp: 59907

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	184.4
176	89.5	0.0	177.4

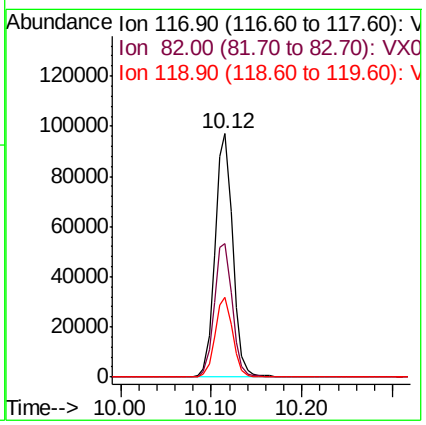


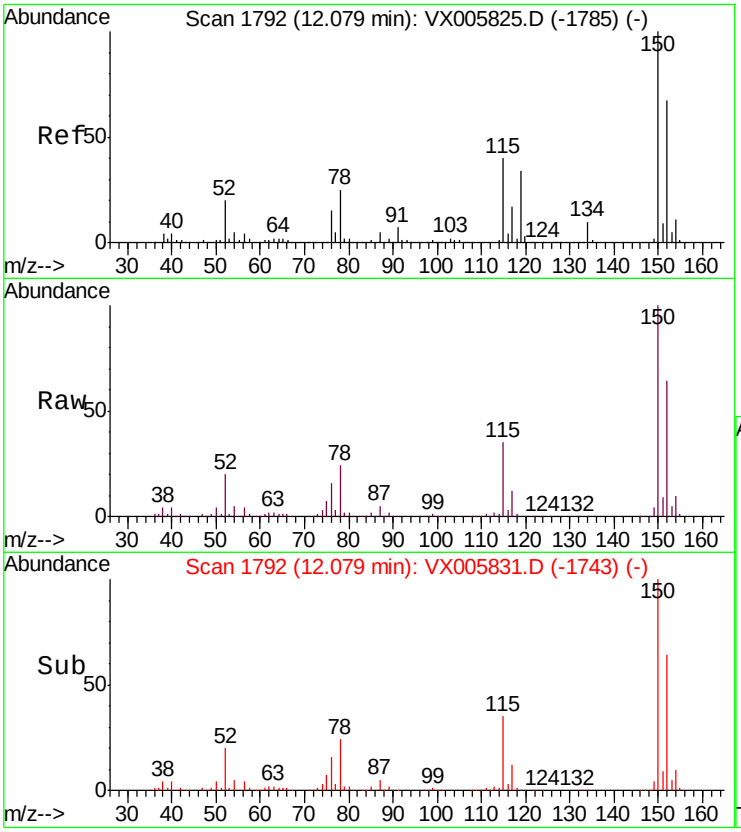


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion:117 Resp: 132989

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.1	66.1
119	32.7	26.2	39.2



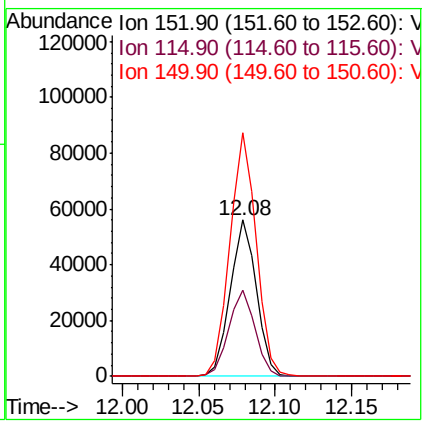


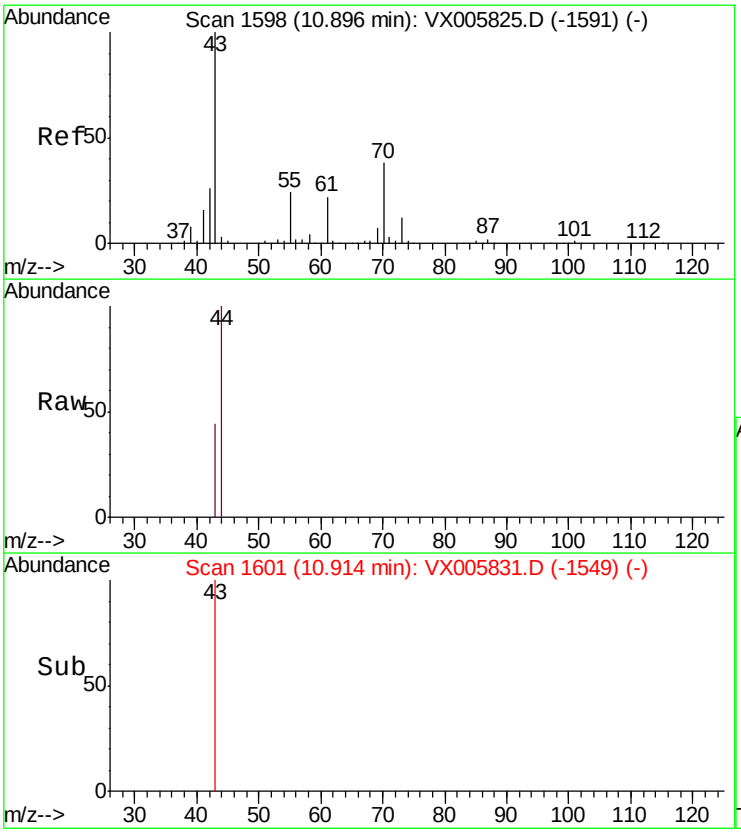
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion:152 Resp: 66274

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.4	118.1
150	156.6	0.0	346.4

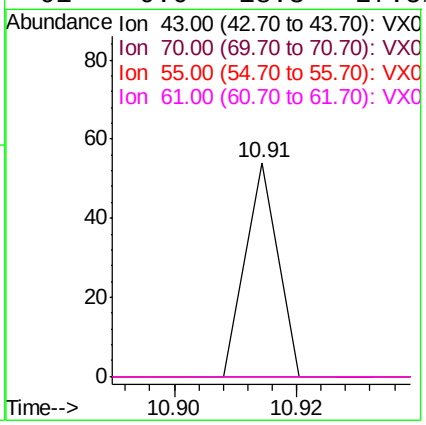


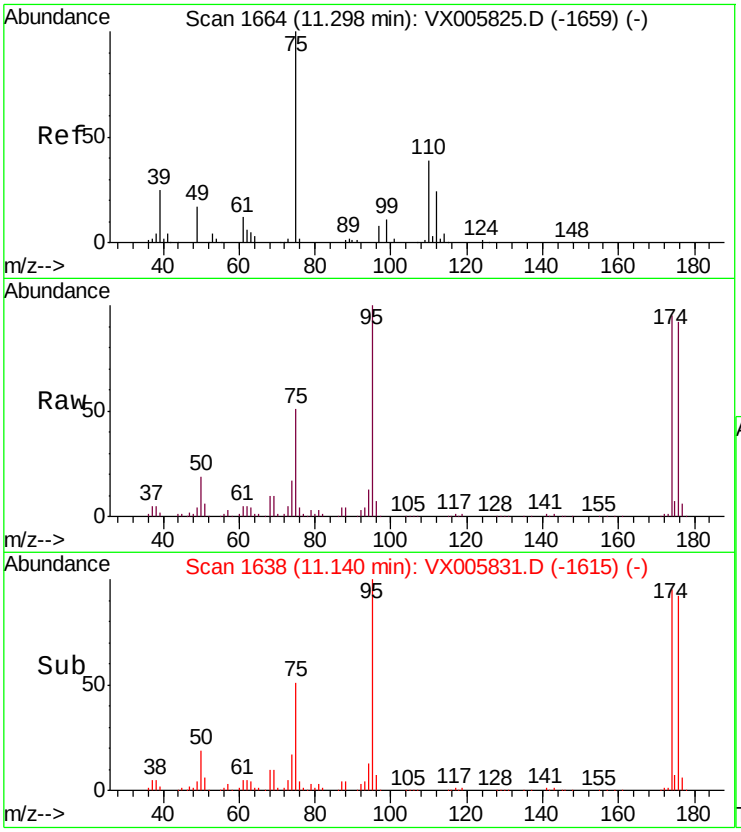


#74
N-amyl acetate
Concen: 1.260 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.02 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.6	47.4#
55	0.0	19.7	29.5#
61	0.0	18.3	27.5#



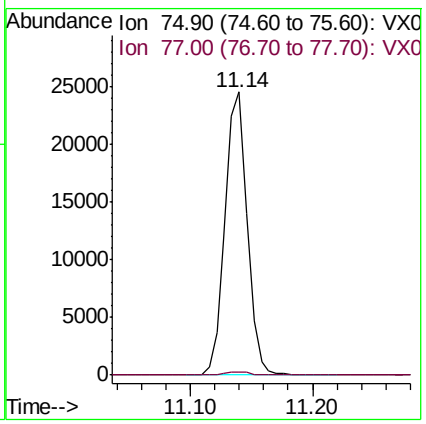


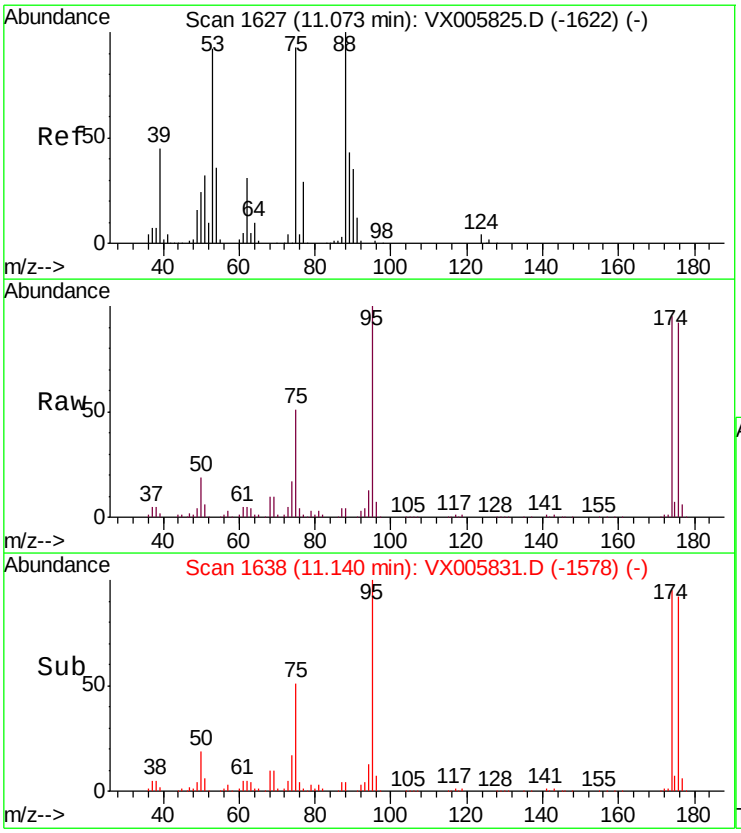
#76
1,2,3-Trichloropropane
Concen: 22.881 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion: 75 Resp: 30878

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.6#

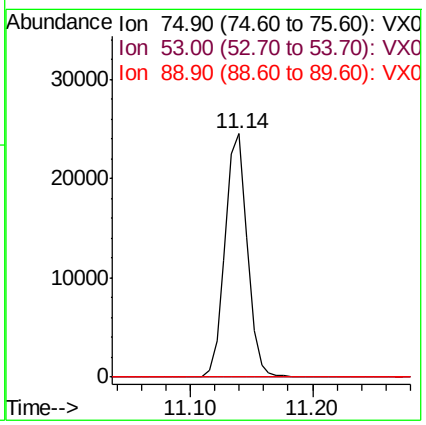


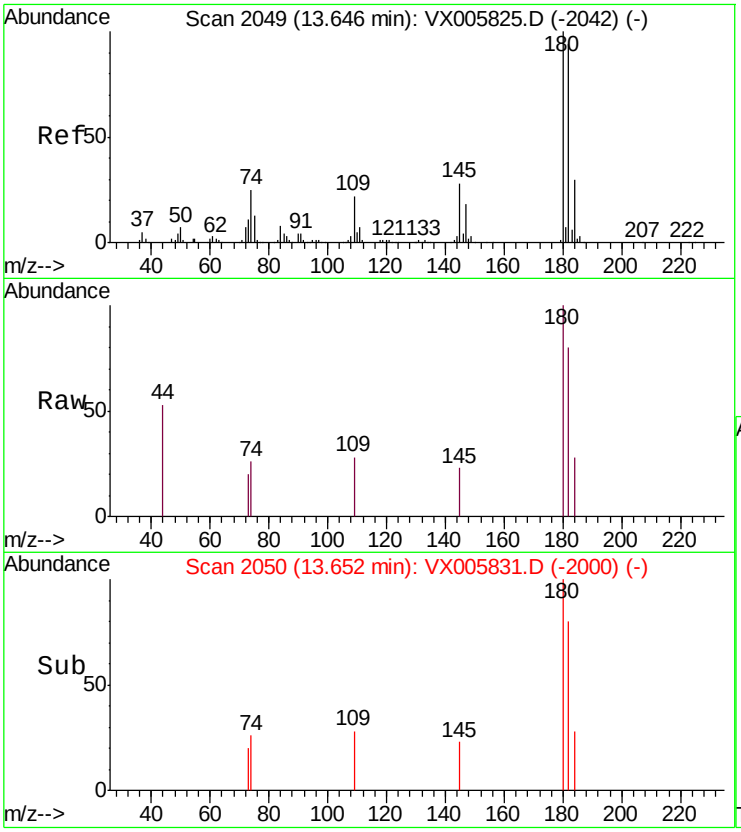


#81
trans-1,4-Dichloro-2-butene
Concen: 72.927 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion: 75 Resp: 30878

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.2#
89	0.0	39.8	59.8#



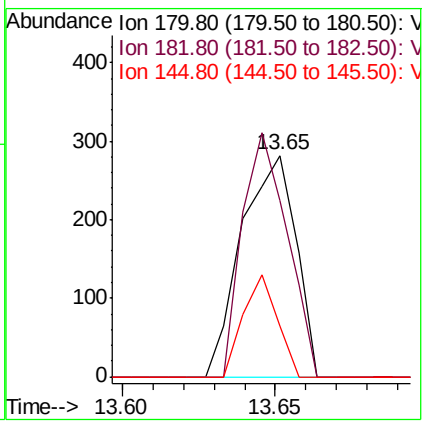


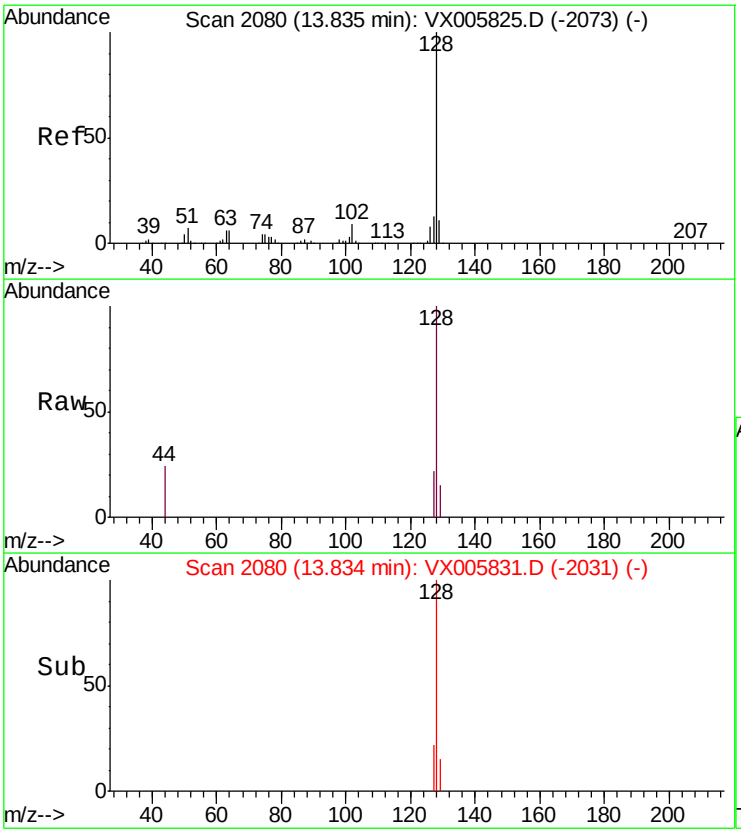
#93
1,2,4-Trichlorobenzene
Concen: 0.237 ug/l
RT: 13.65 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion:180 Resp: 346

Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.6	142.8
145	28.9	14.1	42.2

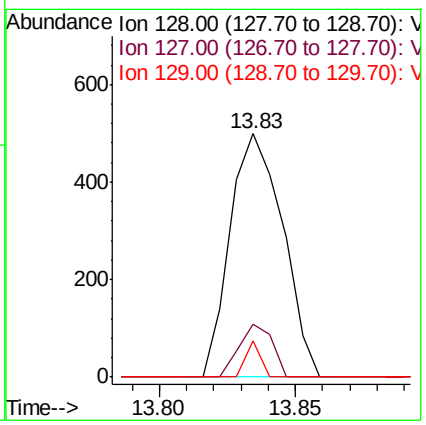


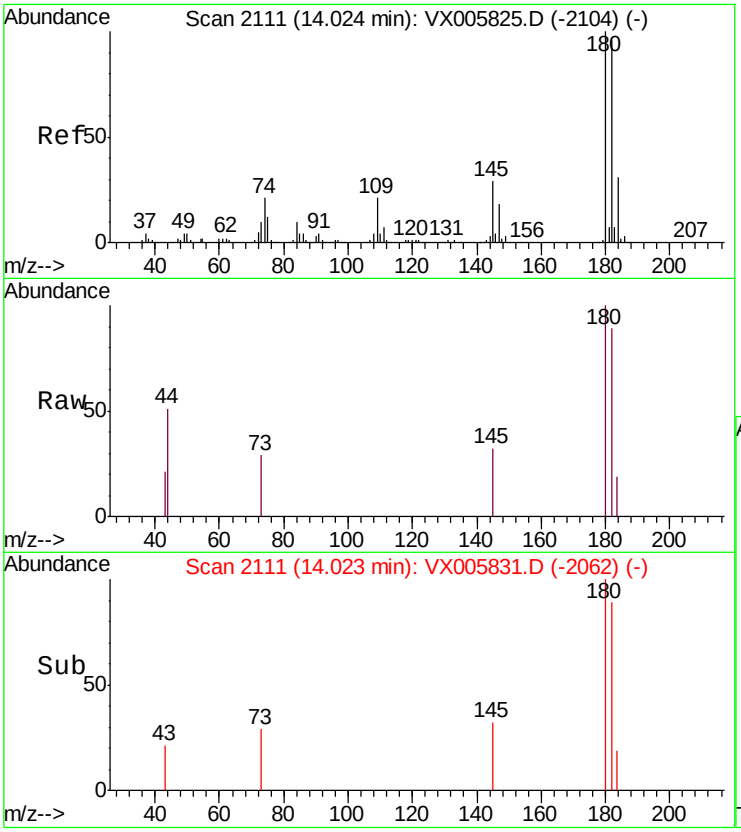


#95
Naphthalene
Concen: 1.315 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Tgt Ion:128 Resp: 670

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	4.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.205 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005831.D
Acq: 07 Nov 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
S81-EB-2018-1

Tgt Ion:180 Resp: 306

Ion	Ratio	Lower	Upper
180	100		
182	85.9	48.0	144.2
145	19.6	15.1	45.3