Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005019.D
Acq On : 04 Oct 2018 15:34
Operator : JC/MD
Sample : VX1004MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Quant Time: Oct 05 03:20:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	248542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176453	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.40%			
35) Dibromofluoromethane	5.50	113	152462	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.52%			
50) Toluene-d8	8.71	98	569853	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.76%			
62) 4-Bromofluorobenzene	11.14	95	211144	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.66%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	936	0.228	ug/l #	73
5) Bromomethane	1.64	94	1507	0.659	ug/l	84
6) Chloroethane	1.71	64	93	Below Cal	#	80
10) Methyl Iodide	2.51	142	1025	0.282	ug/l #	80
11) Tert butyl alcohol	3.02	59	5826	5.869	ug/l #	78
13) Acrolein	2.30	56	422	0.597	ug/l	87
15) Acrylonitrile	3.15	53	1657	0.758	ug/l	99
16) Acetone	2.45	43	1173	0.566	ug/l	97
17) Carbon Disulfide	2.56	76	3798	0.469	ug/l #	94
18) Methyl Acetate	2.78	43	1548	0.295	ug/l #	83
20) Methylene Chloride	2.85	84	1052	Below Cal	#	89
21) trans-1,2-Dichloroethene	3.16	96	758	0.257	ug/l	89
25) 2-Butanone	4.71	43	689	0.226	ug/l #	49
29) Tetrahydrofuran	5.17	42	1191	0.627	ug/l #	76
36) 1,1-Dichloropropene	5.81	75	1221	0.266	ug/l #	54
38) Carbon Tetrachloride	5.67	117	21981	4.549	ug/l #	17
49) 1,4-Dioxane	7.76	88	57	0.574	ug/l #	1
56) Ethyl methacrylate	9.19	69	123	2.883	ug/l #	13
58) 2-Chloroethyl Vinyl ether	8.32	63	491	14.397	ug/l #	78
68) m/p-Xylenes	10.36	106	1563	0.254	ug/l	94
70) Styrene	10.71	104	611	2.196	ug/l #	83
74) N-amyl acetate	10.91	43	412	1.798	ug/l #	64
76) 1,2,3-Trichloropropane	11.14	75	102643	20.126	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1716	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.14	75	102643	54.698	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	1821	0.319	ug/l	98
94) Hexachlorobutadiene	13.78	225	716	0.242	ug/l	96
95) Naphthalene	13.83	128	5314	0.996	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1576	0.268	ug/l	94

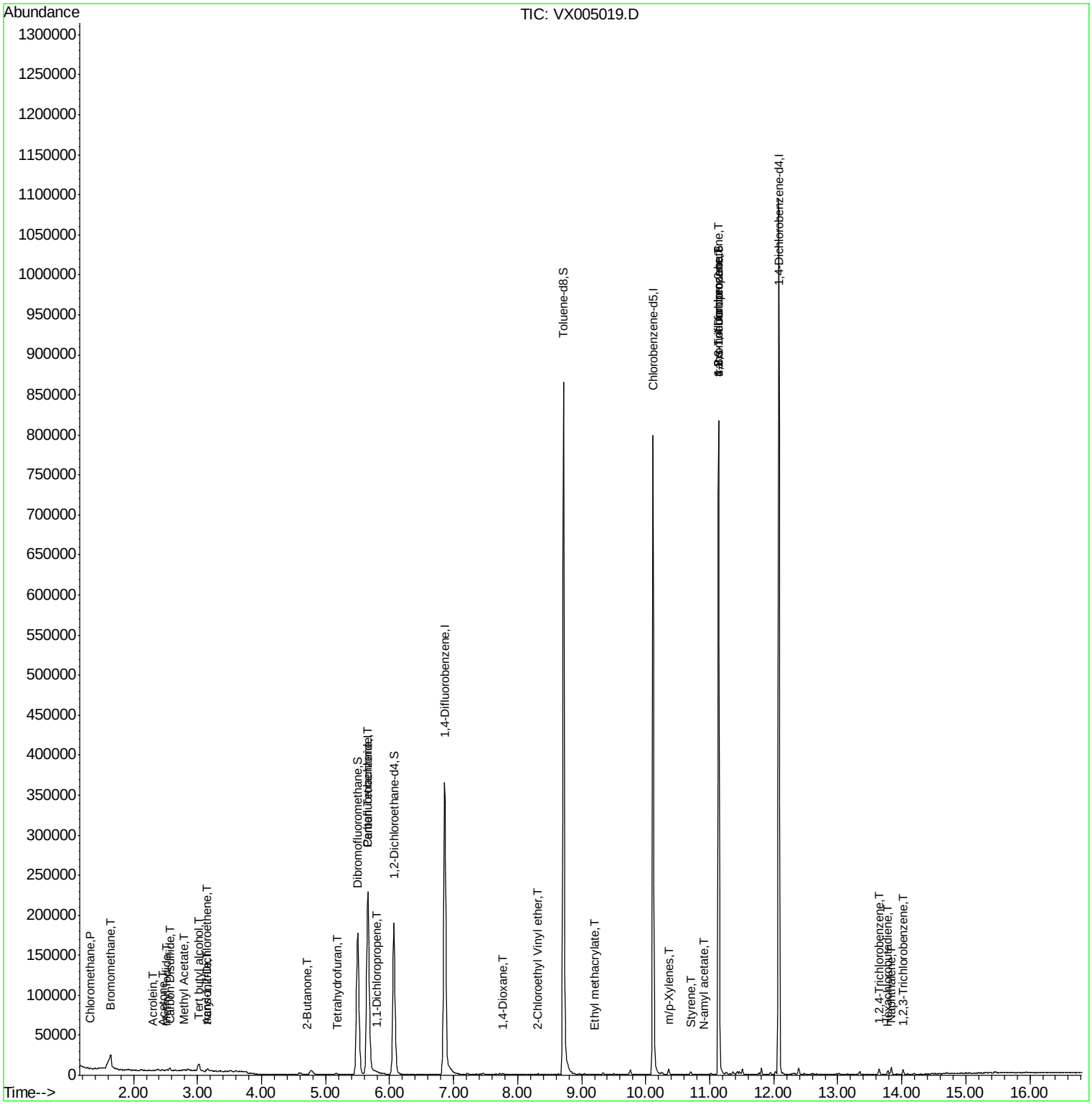
(#) = qualifier out of range (m) = manual integration (+) = signals summed

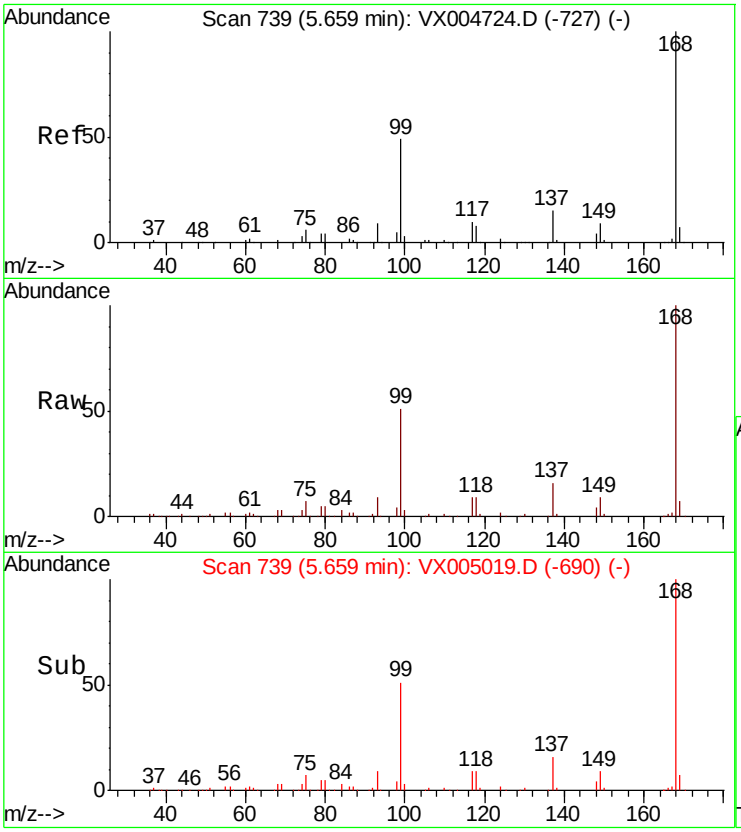
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005019.D
Acq On : 04 Oct 2018 15:34
Operator : JC/MD
Sample : VX1004MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Quant Time: Oct 05 03:20:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



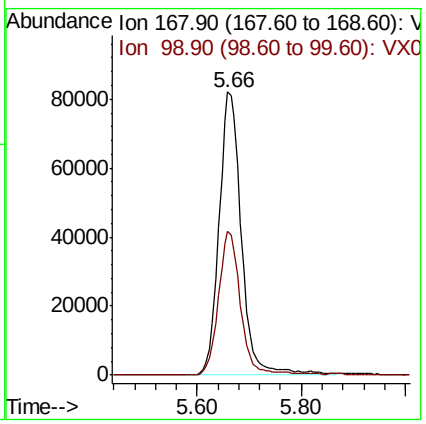


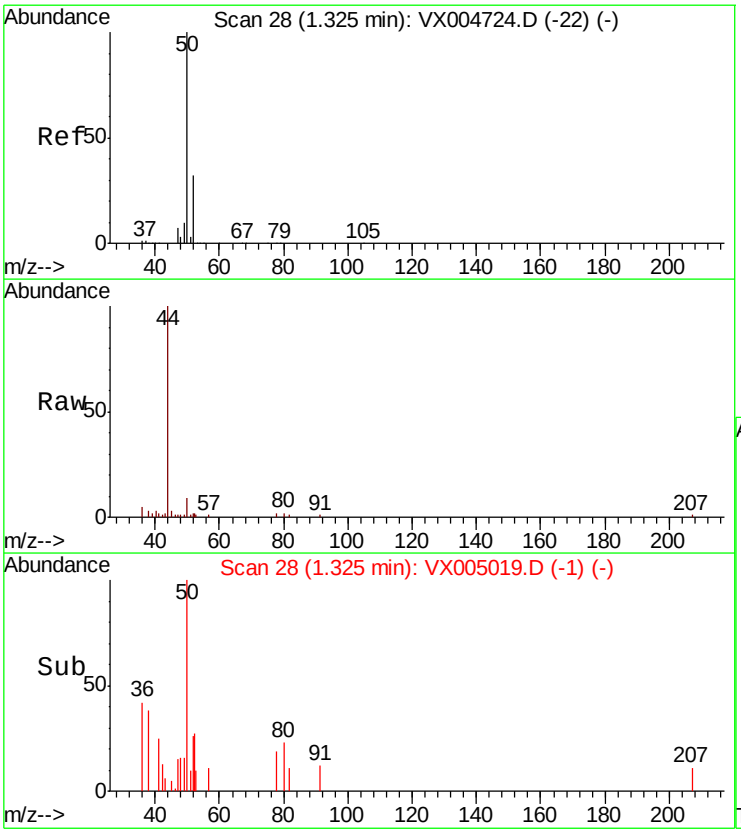
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:168 Resp: 248542

Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.3	58.9

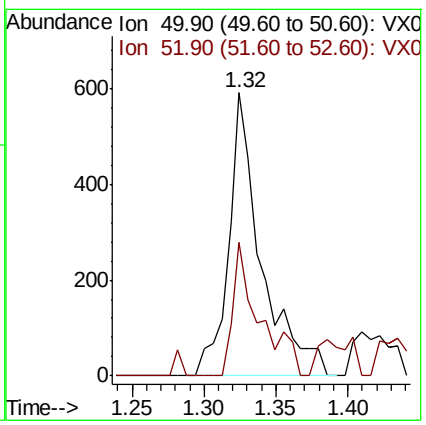


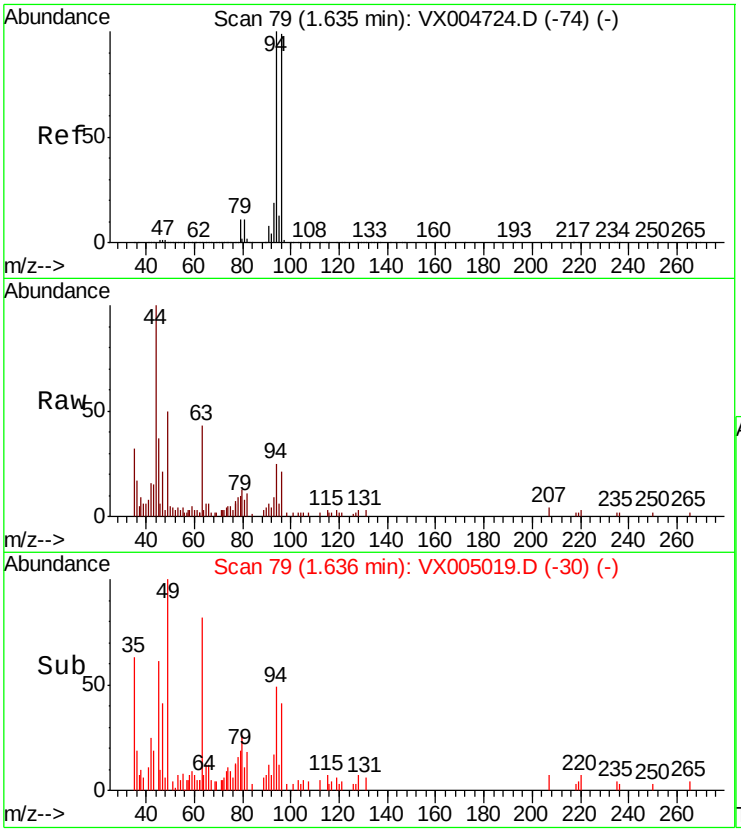


#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 50 Resp: 936

Ion	Ratio	Lower	Upper
50	100		
52	47.3	25.8	38.6#



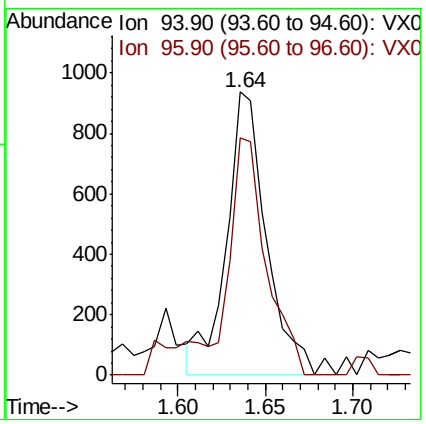


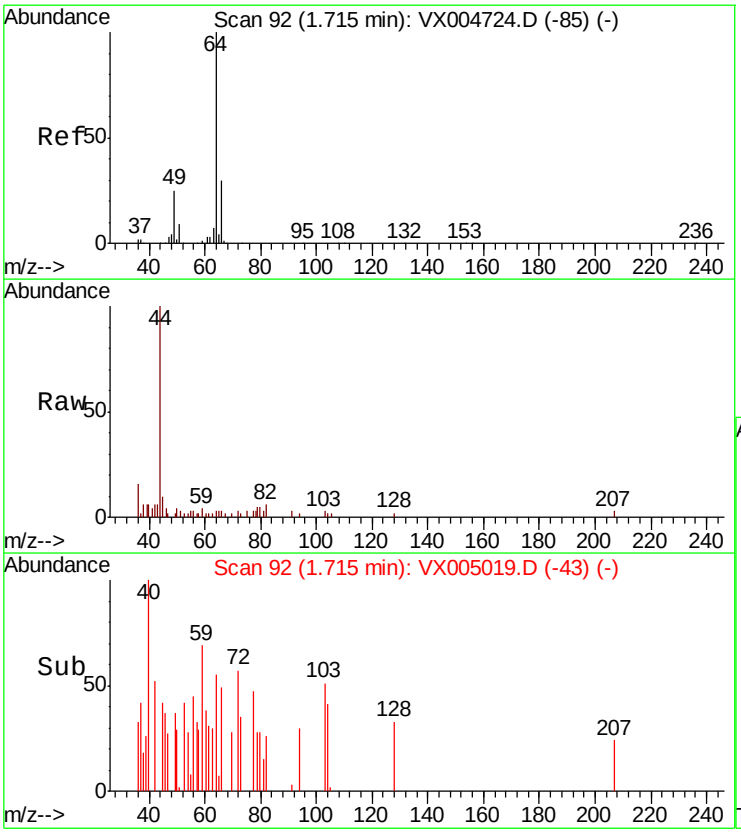
#5
Bromomethane
Concen: 0.659 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 94 Resp: 1507

Ion	Ratio	Lower	Upper
94	100		
96	83.7	79.5	119.3

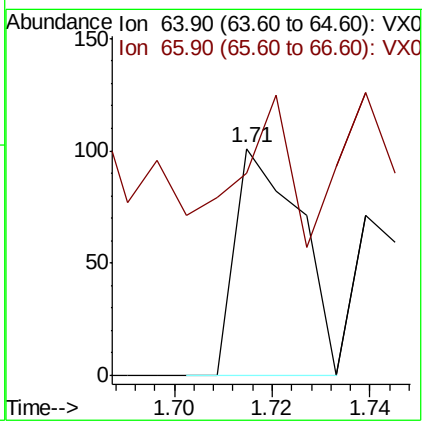


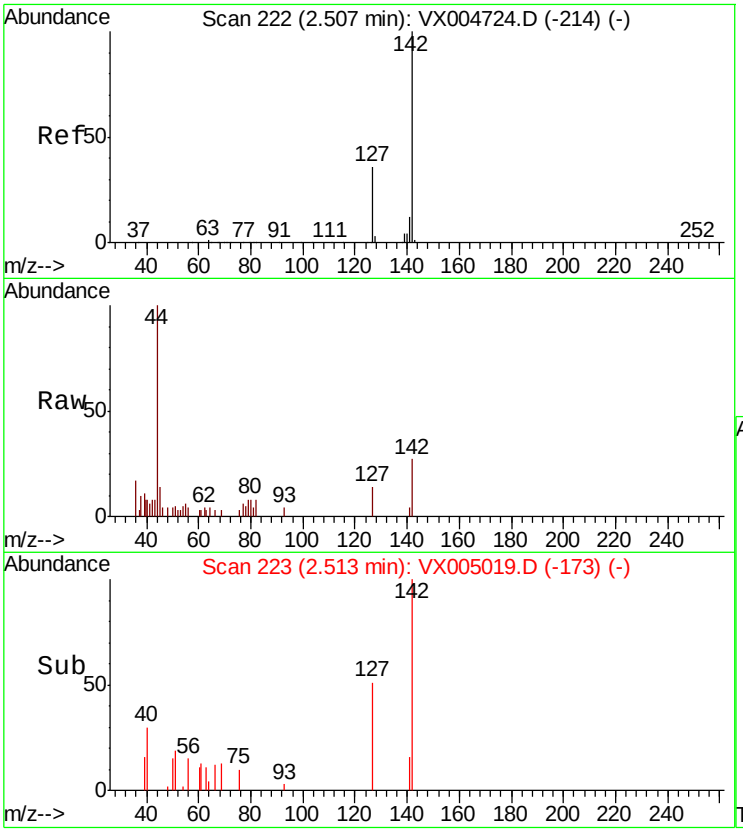


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 64 Resp: 93

Ion	Ratio	Lower	Upper
64	100		
66	18.8	23.8	35.6#



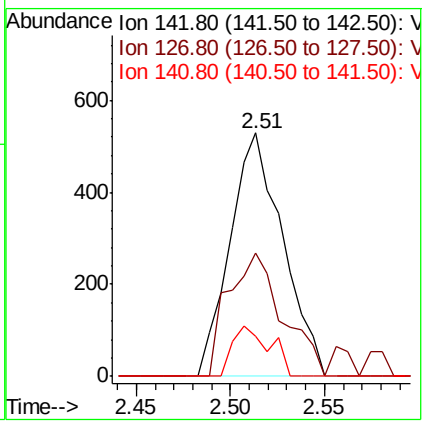


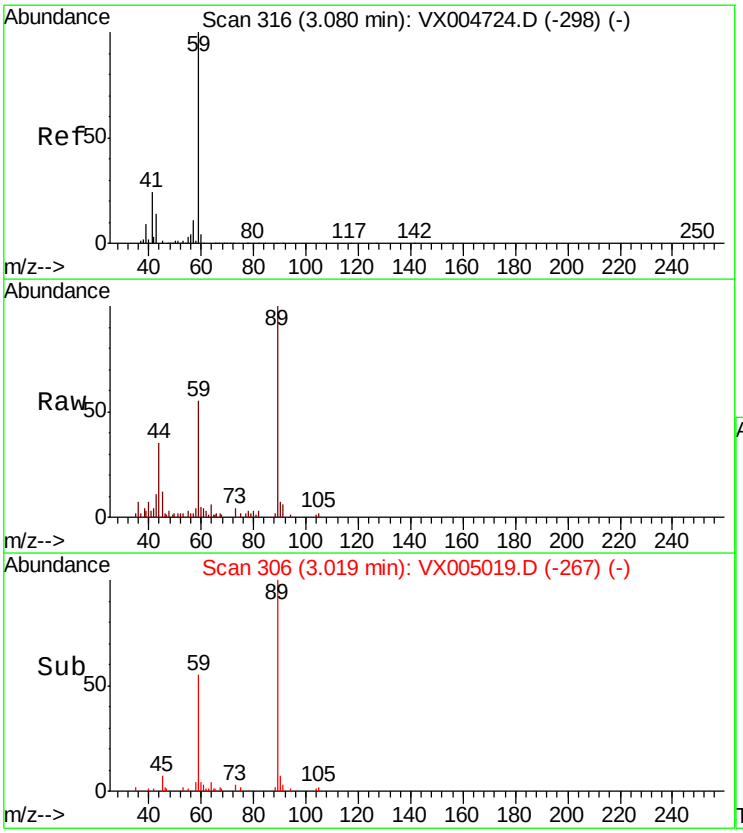
#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Tgt Ion:142 Resp: 1025

Ion	Ratio	Lower	Upper
142	100		
127	52.6	30.1	45.1#
141	14.6	10.1	15.1

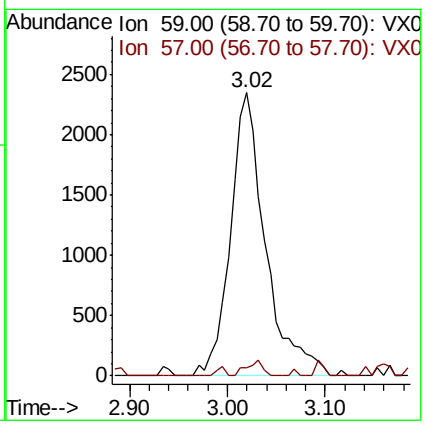


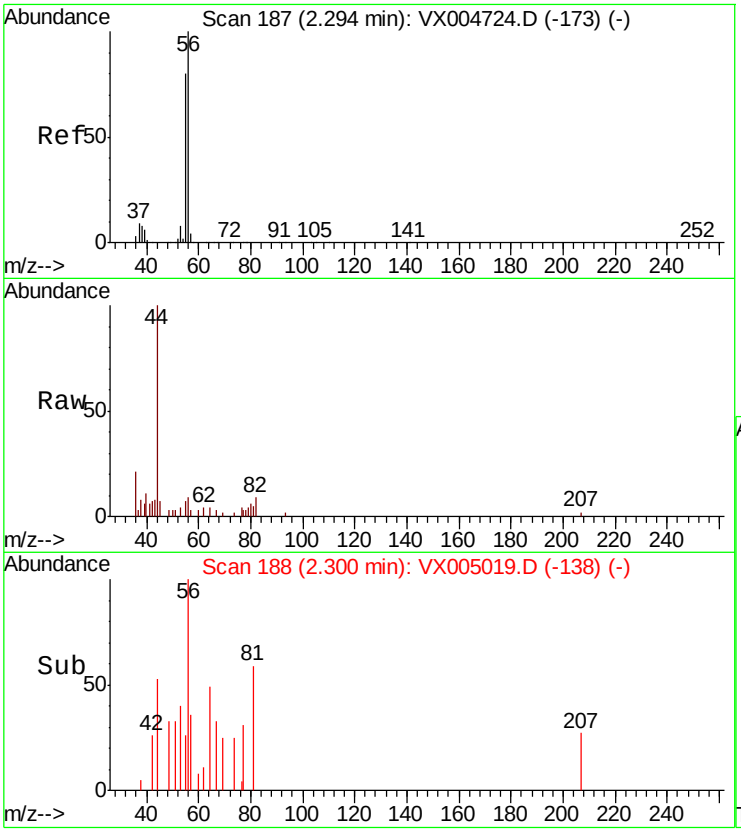


#11
Tert butyl alcohol
Concen: 5.869 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 59 Resp: 5826

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.6	12.8#



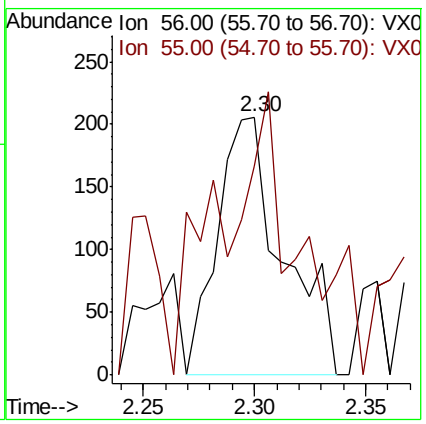


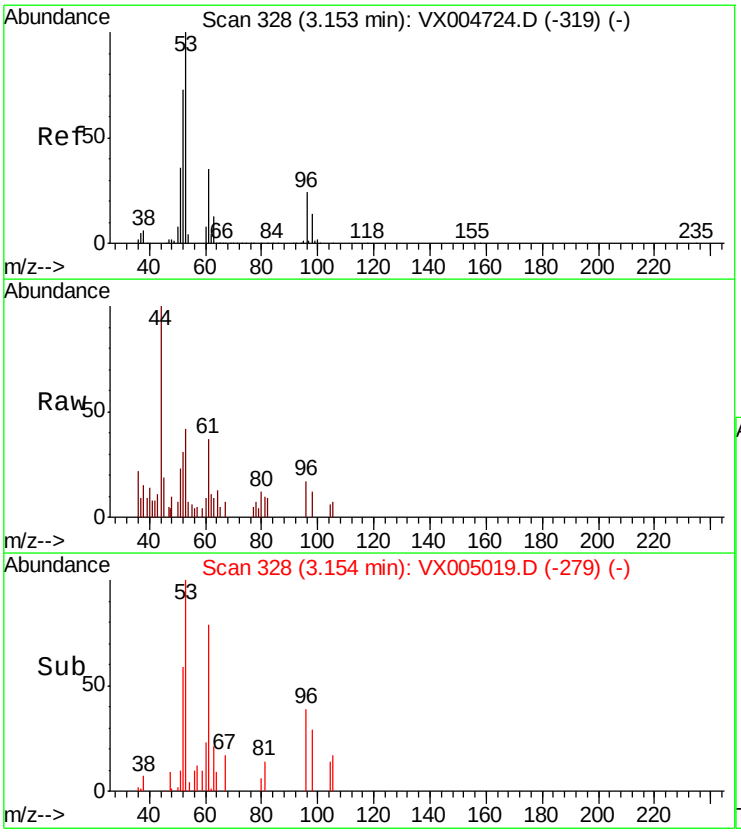
#13
Acrolein
Concen: 0.597 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Tgt Ion: 56 Resp: 422

Ion	Ratio	Lower	Upper
56	100		
55	90.5	63.4	95.2

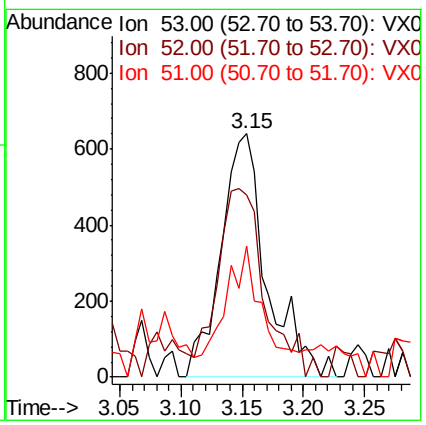


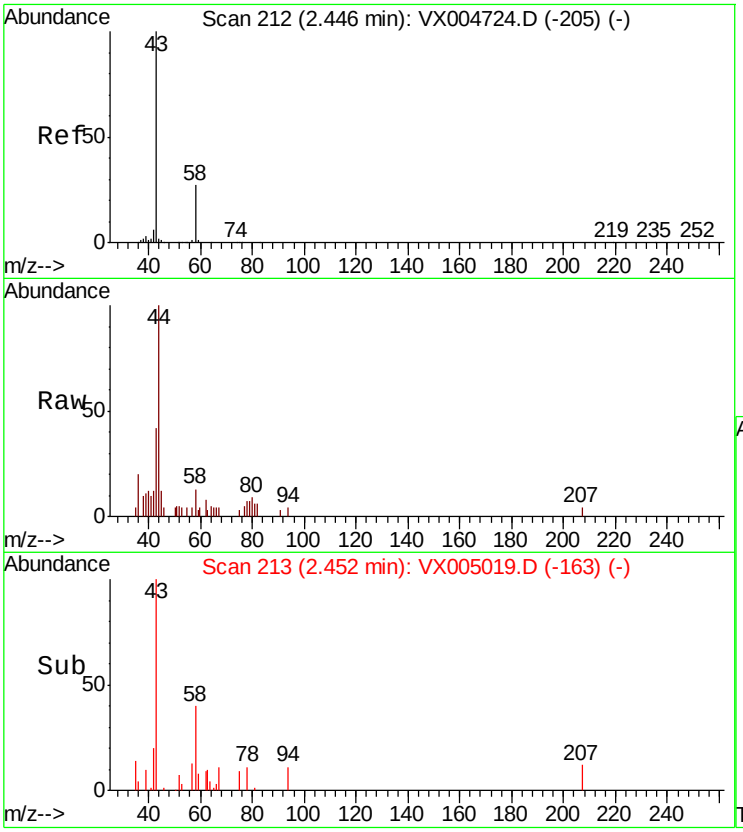


#15
Acrylonitrile
Concen: 0.758 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 53 Resp: 1657

Ion	Ratio	Lower	Upper
53	100		
52	79.5	63.0	94.4
51	34.9	28.6	42.8



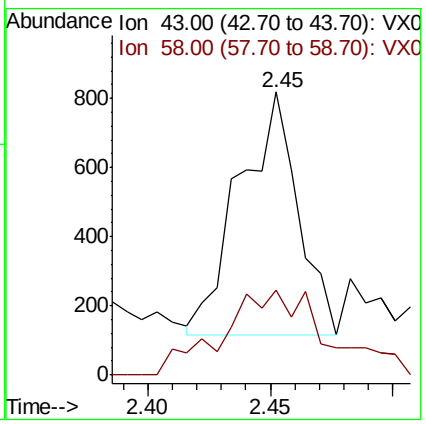


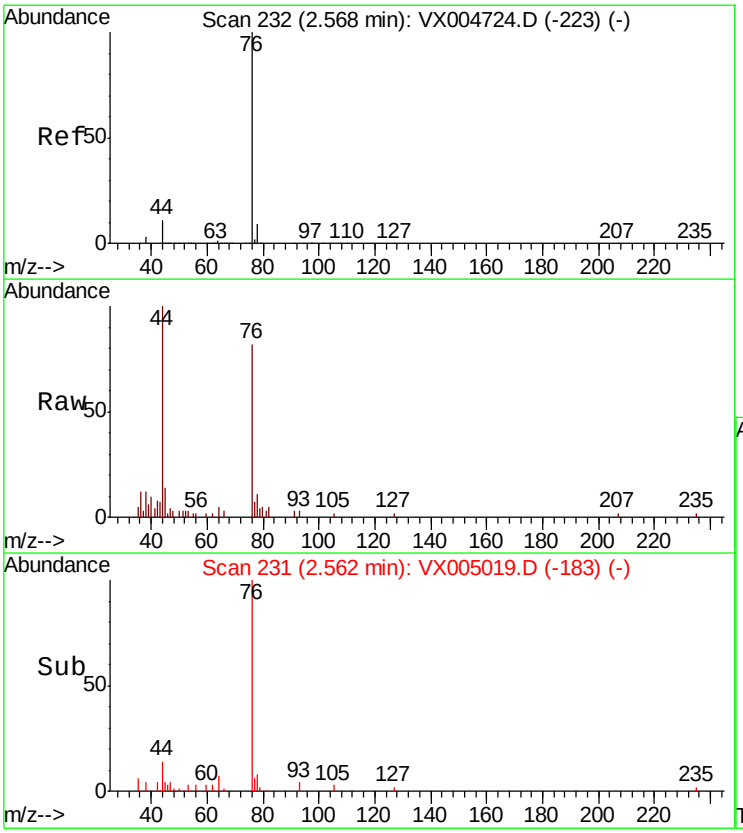
#16
Acetone
Concen: 0.566 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Tgt Ion: 43 Resp: 1173

Ion	Ratio	Lower	Upper
43	100		
58	25.7	21.8	32.6

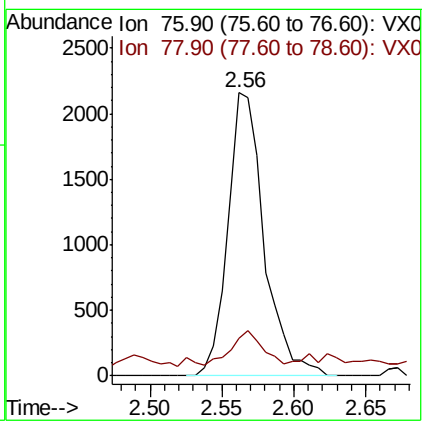


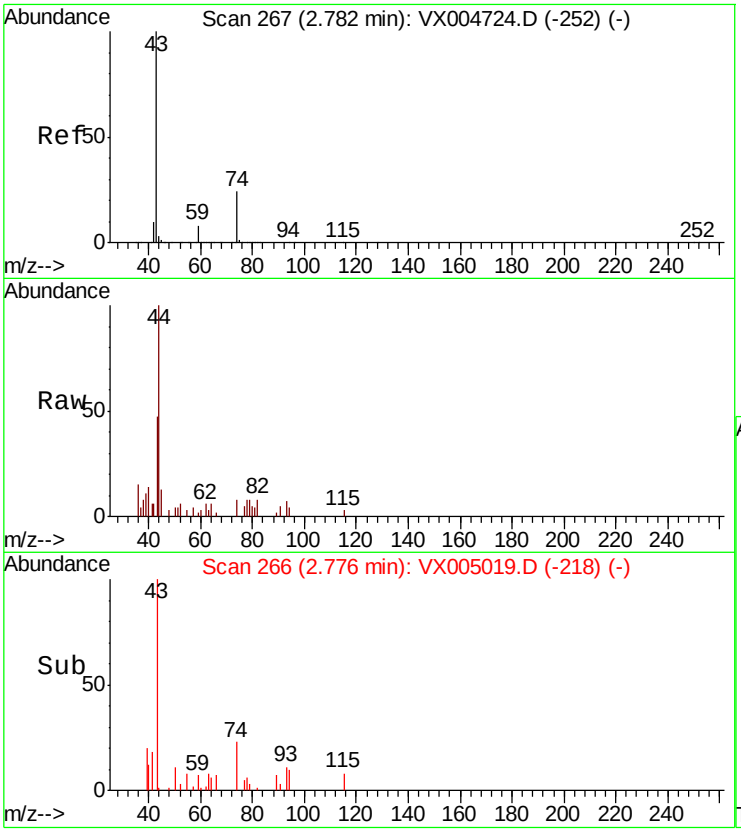


#17
Carbon Disulfide
Concen: 0.469 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 76 Resp: 3798

Ion	Ratio	Lower	Upper
76	100		
78	6.7	7.0	10.6#



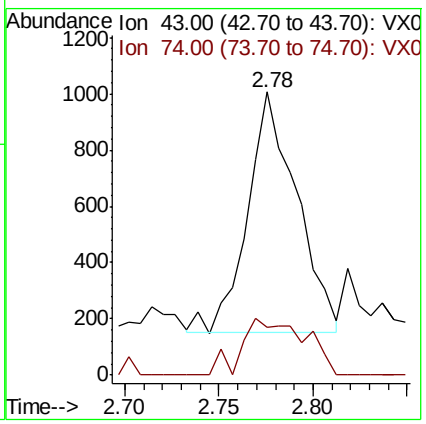


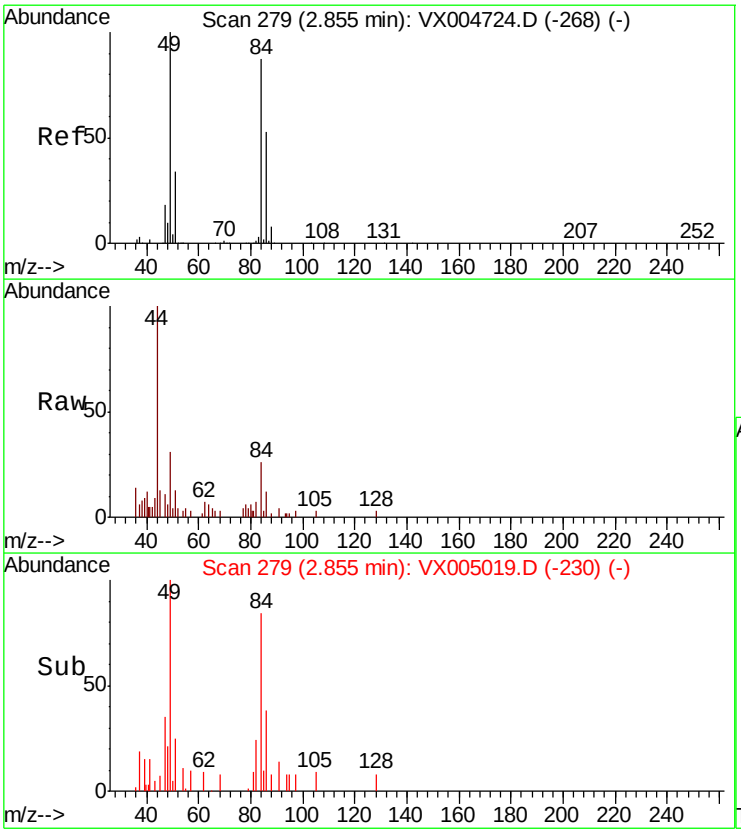
#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 43 Resp: 1548

Ion	Ratio	Lower	Upper
43	100		
74	30.3	17.8	26.8#

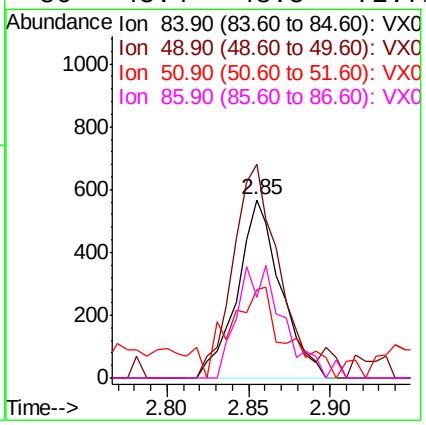


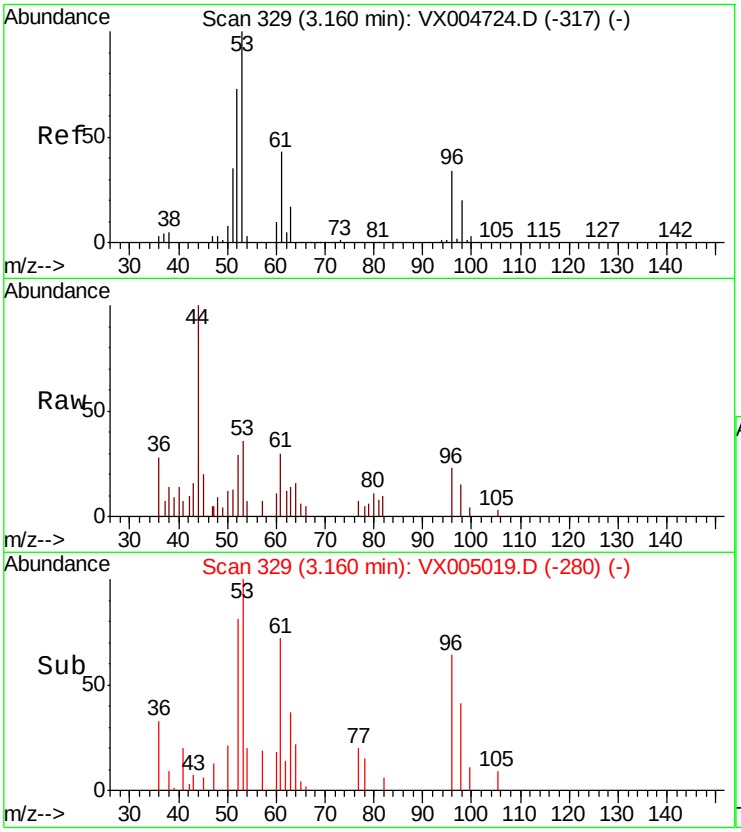


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 84 Resp: 1052

Ion	Ratio	Lower	Upper
84	100		
49	119.7	92.3	138.5
51	49.8	31.8	47.6#
86	45.4	48.5	72.7#



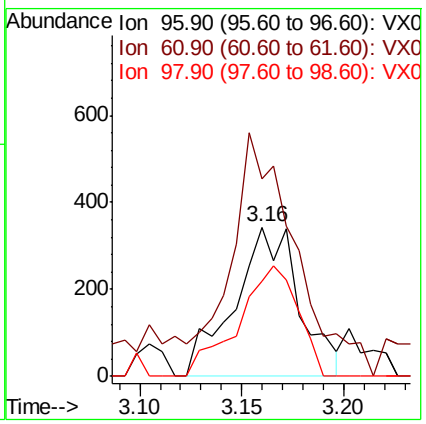


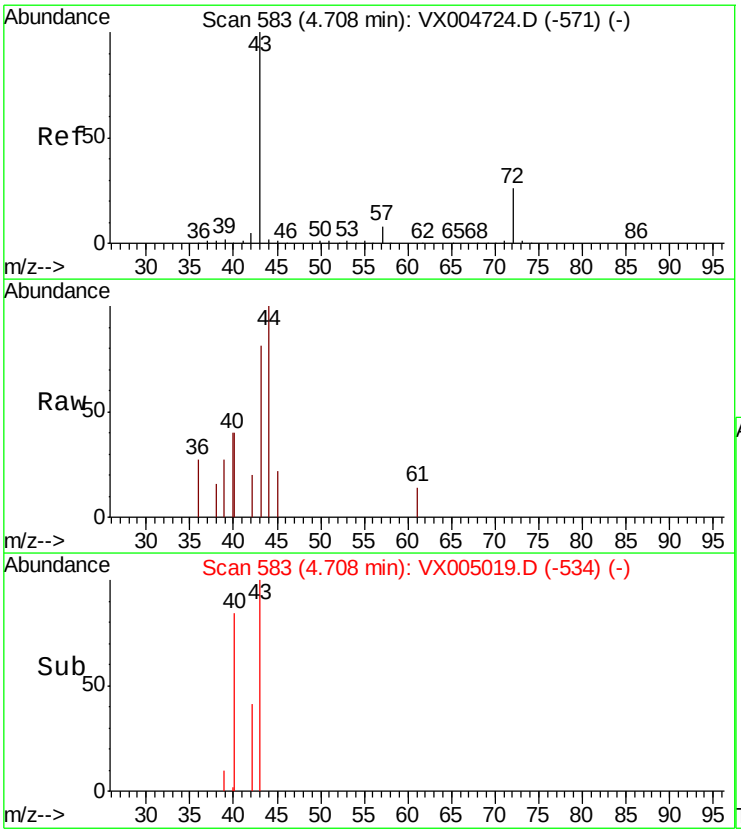
#21
trans-1,2-Dichloroethene
Concen: 0.257 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 96 Resp: 758

Ion	Ratio	Lower	Upper
96	100		
61	110.8	101.0	151.6
98	63.8	47.2	70.8

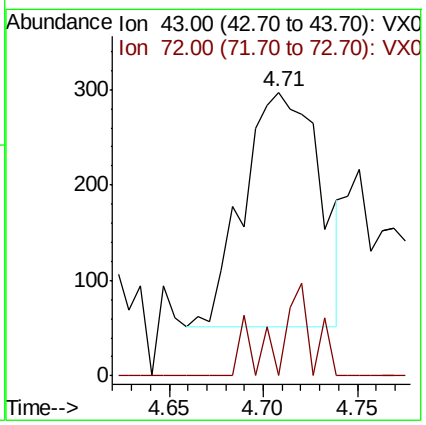


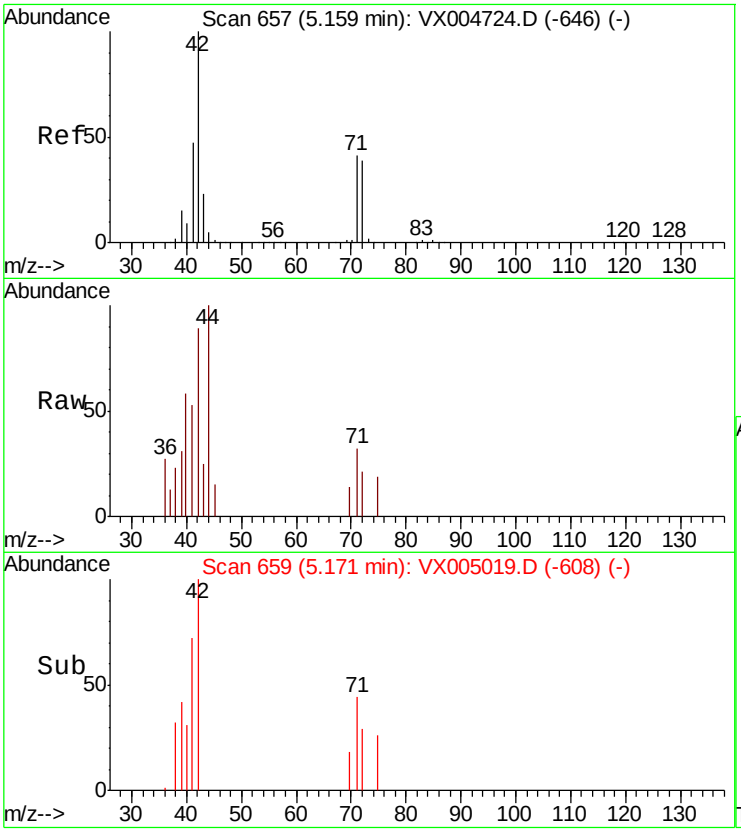


#25
2-Butanone
Concen: 0.226 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 43 Resp: 689

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#



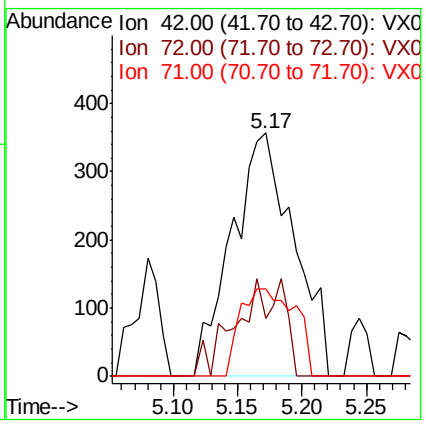


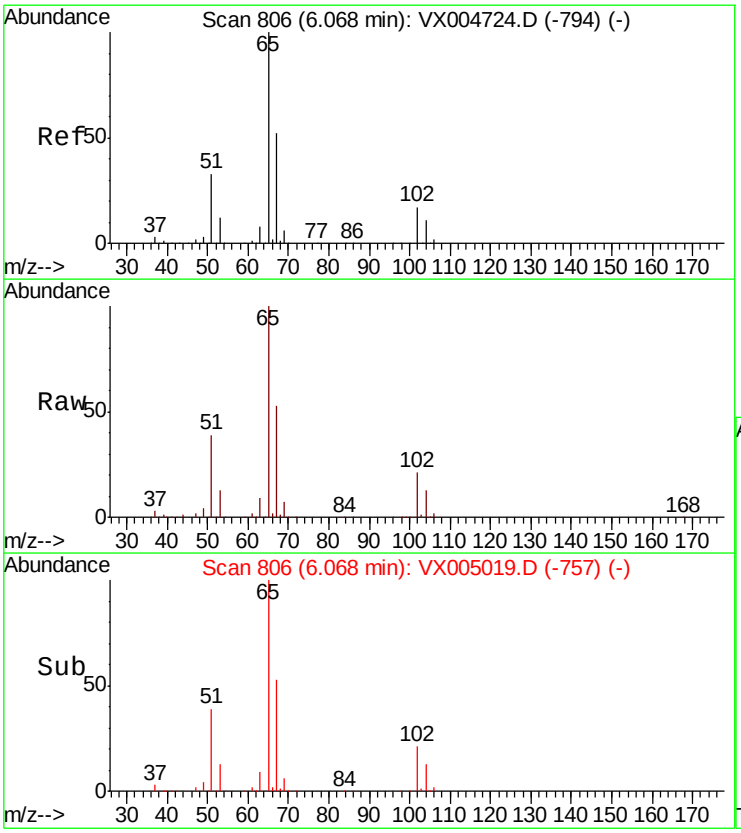
#29
Tetrahydrofuran
Concen: 0.627 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 42 Resp: 1191

Ion	Ratio	Lower	Upper
42	100		
72	20.2	33.7	50.5#
71	31.8	32.2	48.4#

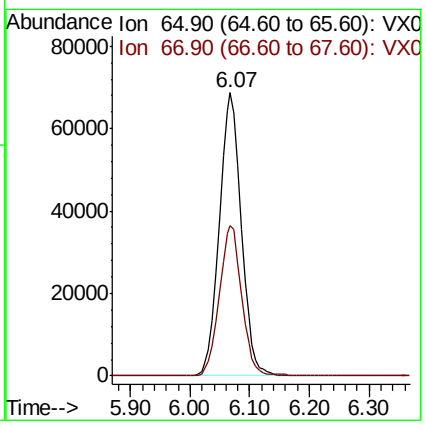


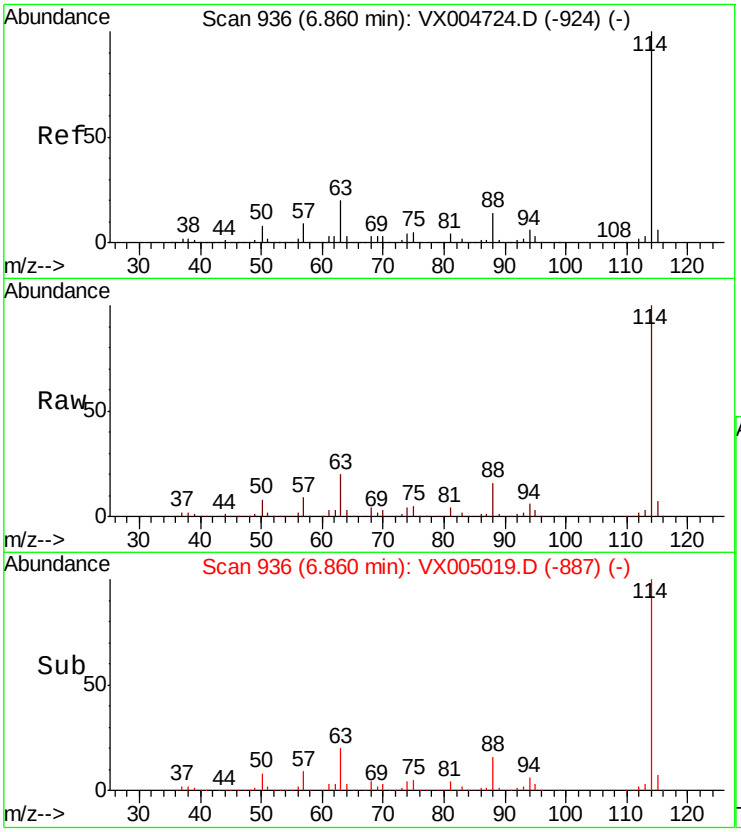


#33
1,2-Dichloroethane-d4
Concen: 49.699 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 65 Resp: 176453

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4



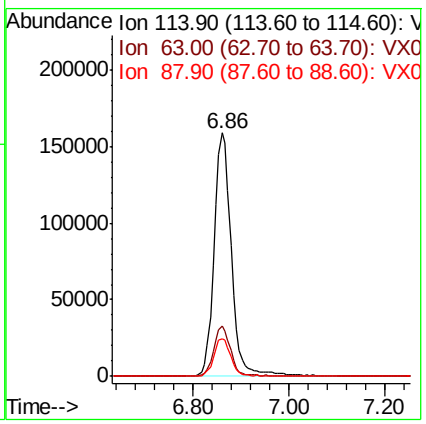


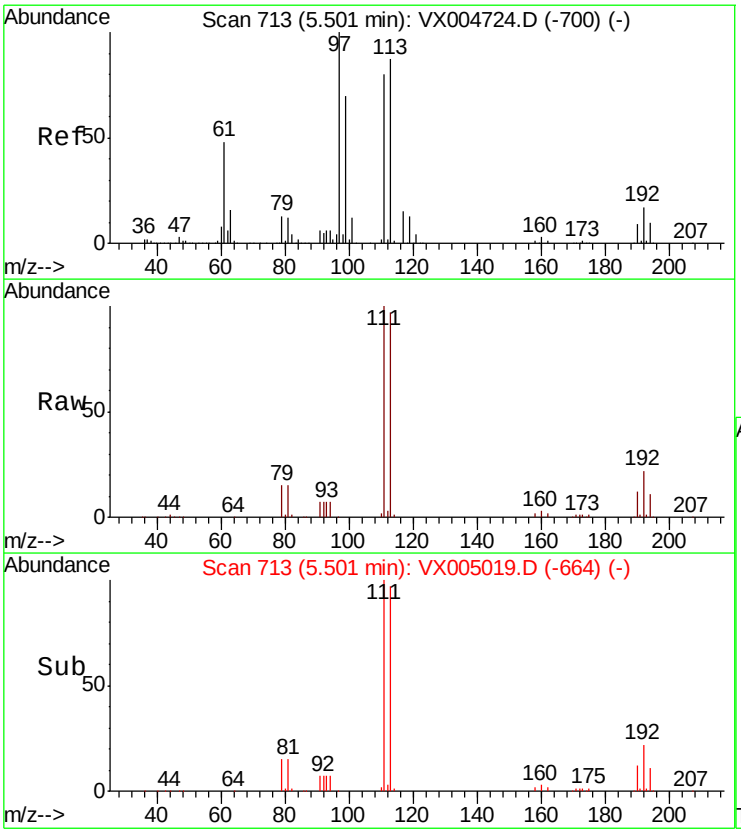
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Tgt Ion:114 Resp: 397492

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.8
88	15.6	0.0	27.0

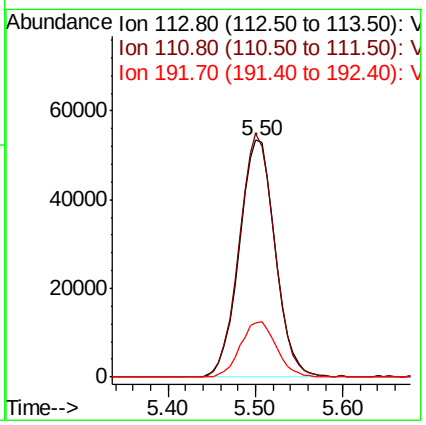


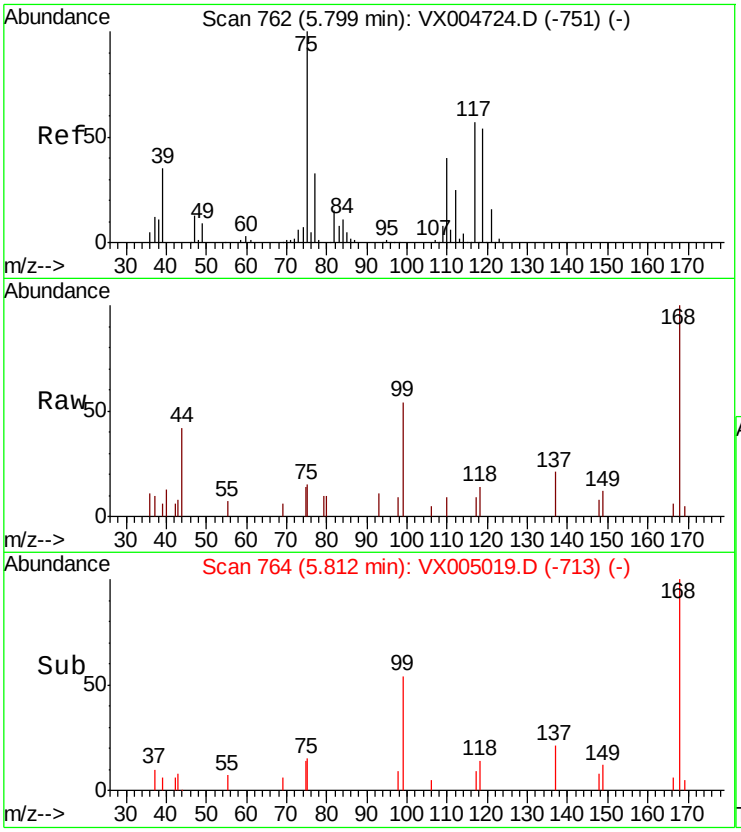


#35
Dibromofluoromethane
Concen: 45.257 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion:113 Resp: 152462

Ion	Ratio	Lower	Upper
113	100		
111	101.4	77.0	115.4
192	23.4	17.0	25.6



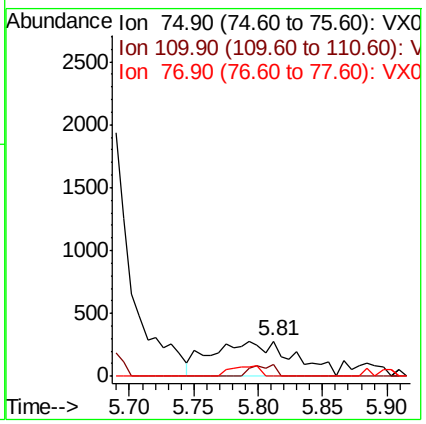


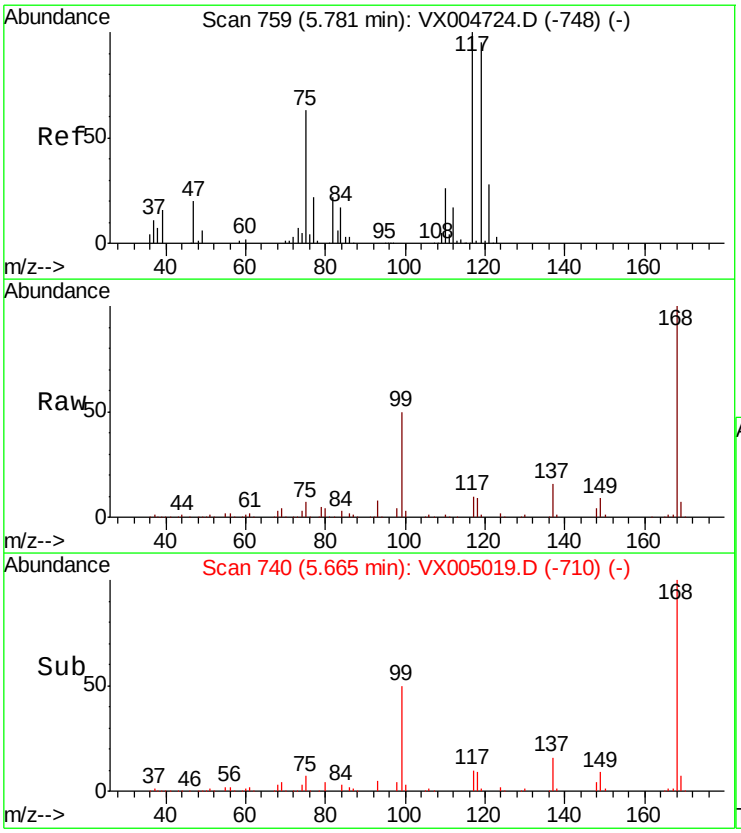
#36
1,1-Dichloropropene
Concen: 0.266 ug/l
RT: 5.81 min Scan# 764
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 75 Resp: 1221

Ion	Ratio	Lower	Upper
75	100		
110	8.9	20.0	59.9#
77	10.8	27.1	40.7#

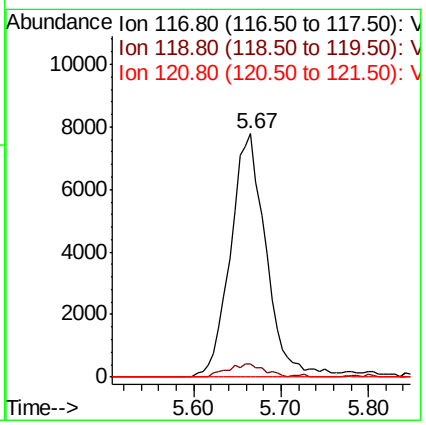


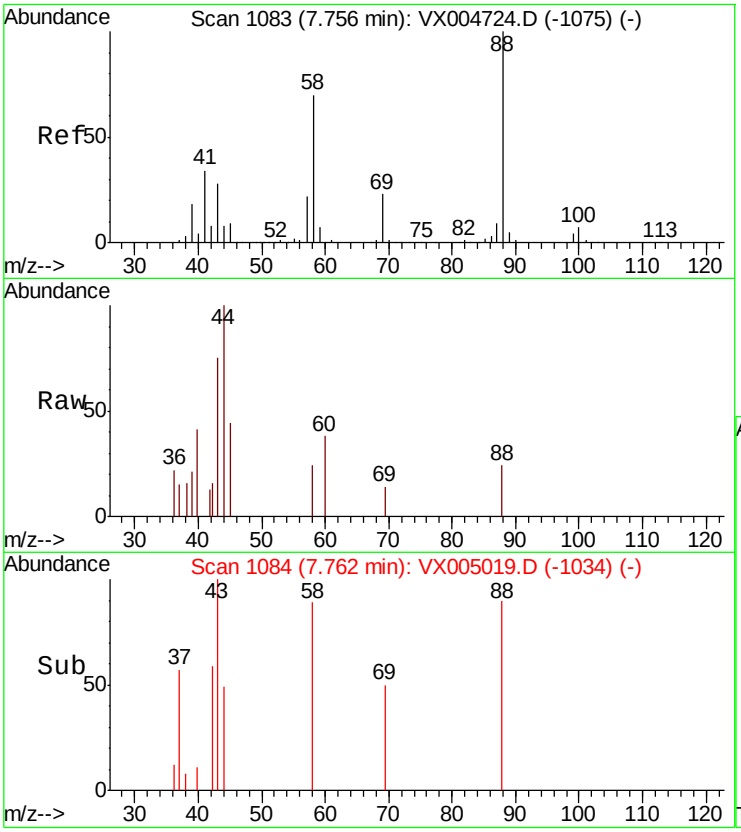


#38
Carbon Tetrachloride
Concen: 4.549 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion:117 Resp: 21981

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.2	112.8#
121	0.0	22.5	33.7#



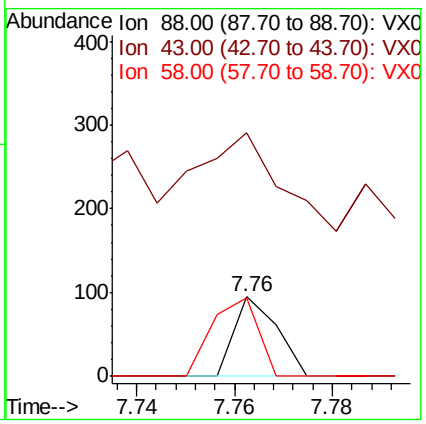


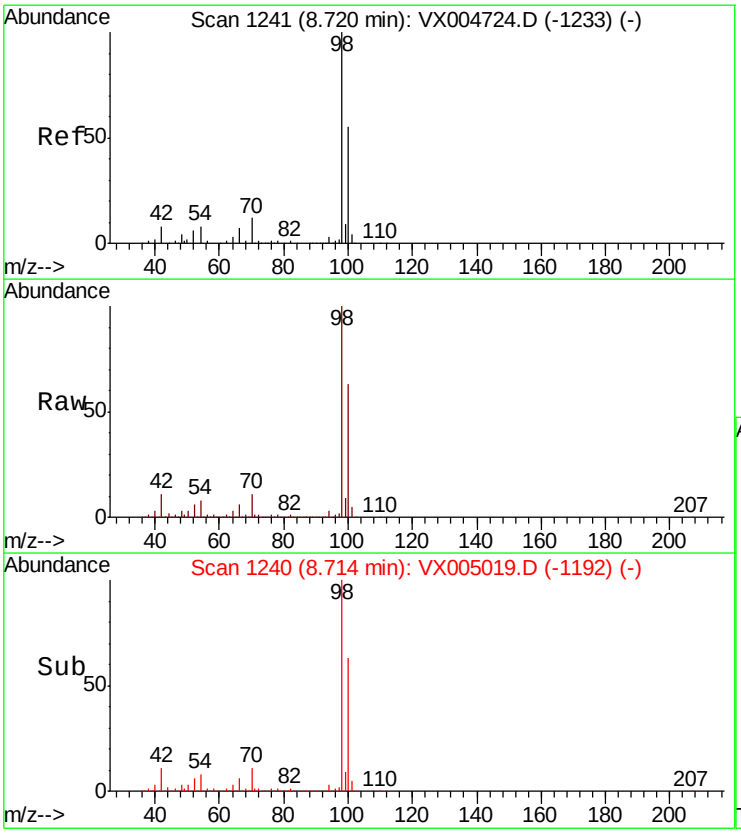
#49
1,4-Dioxane
Concen: 0.574 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
43	200.0	25.1	37.7#
58	107.0	56.2	84.2#

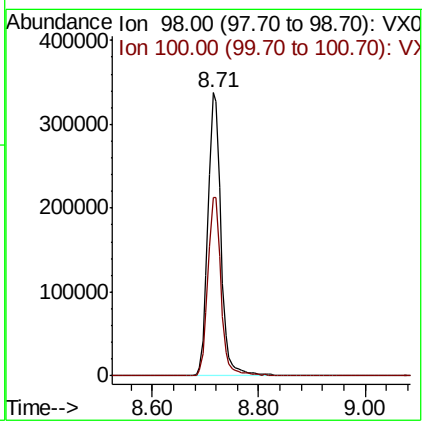


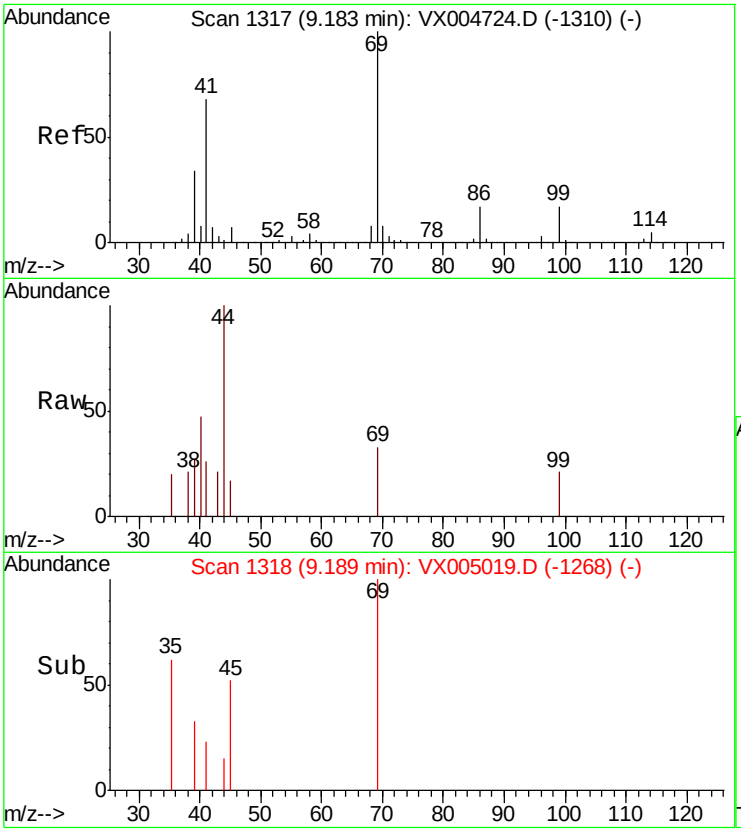


#50
Toluene-d8
Concen: 50.882 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 98 Resp: 569853

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9



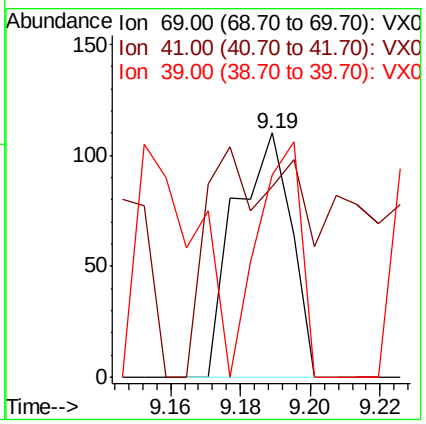


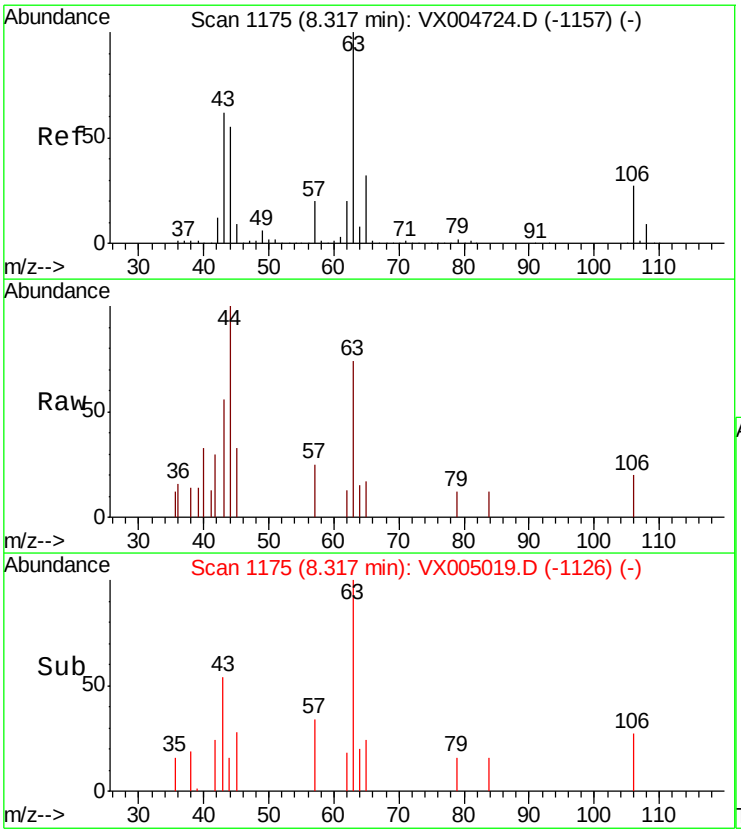
#56
Ethyl methacrylate
Concen: 2.883 ug/l
RT: 9.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 69 Resp: 123

Ion	Ratio	Lower	Upper
69	100		
41	151.2	56.9	85.3#
39	74.0	28.4	42.6#

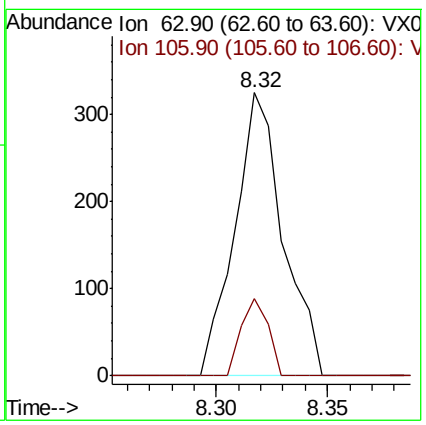


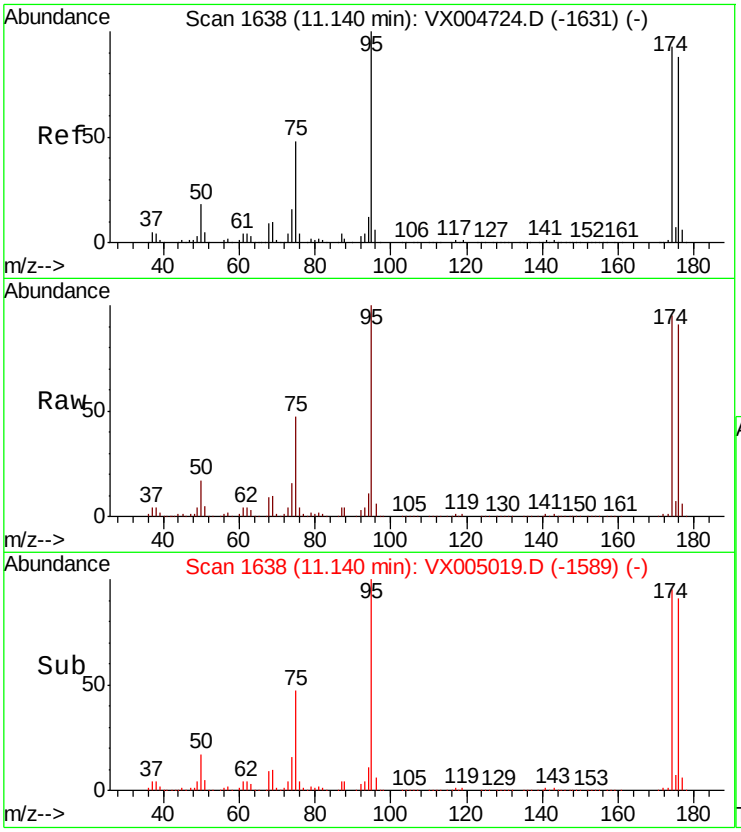


#58
2-Chloroethyl Vinyl ether
Concen: 14.397 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 63 Resp: 491

Ion	Ratio	Lower	Upper
63	100		
106	15.3	21.0	31.6#



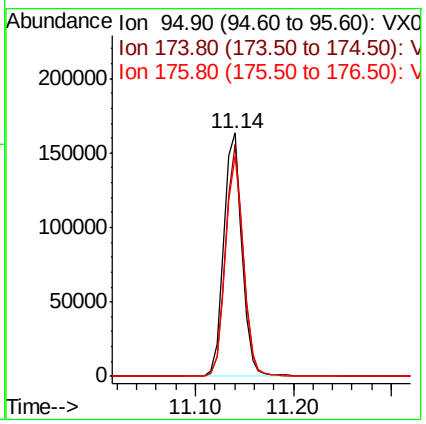


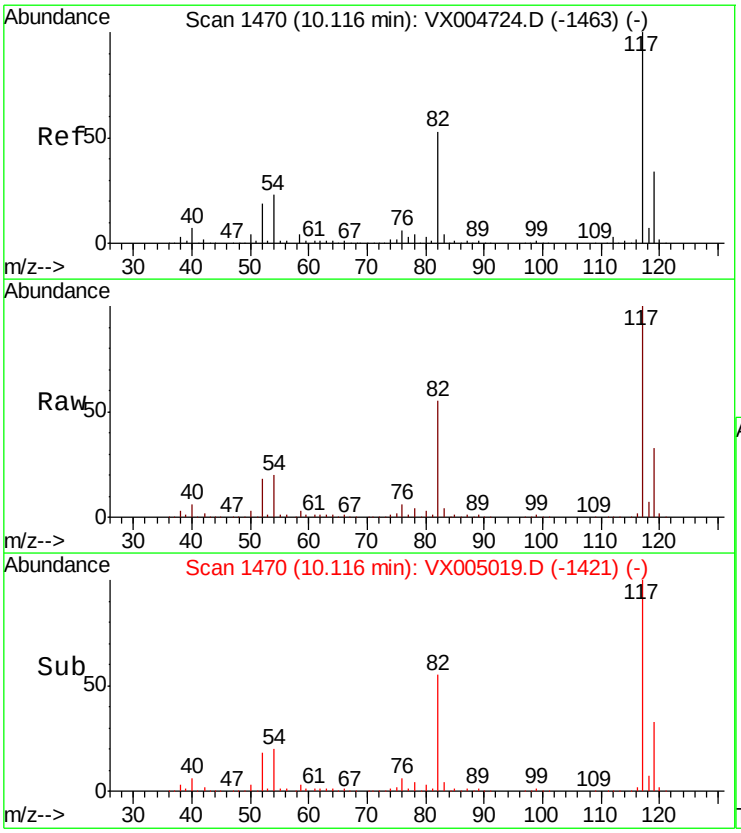
#62
4-Bromofluorobenzene
Concen: 52.332 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 95 Resp: 211144

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	185.0
176	89.5	0.0	180.2

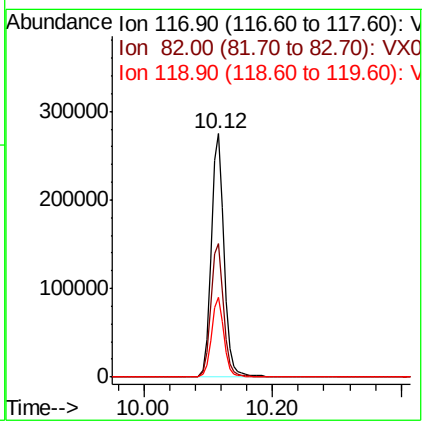


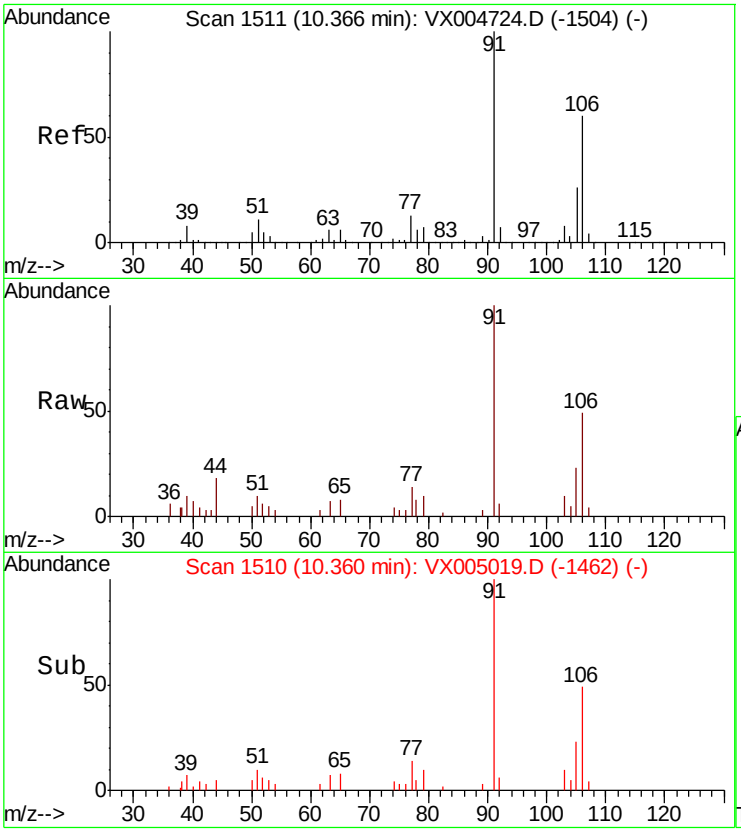


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion:117 Resp: 386218

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.2	63.4
119	32.6	27.4	41.0



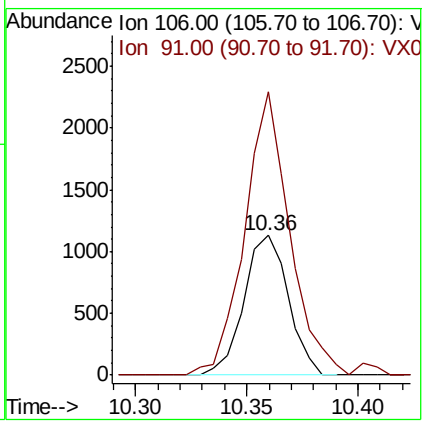


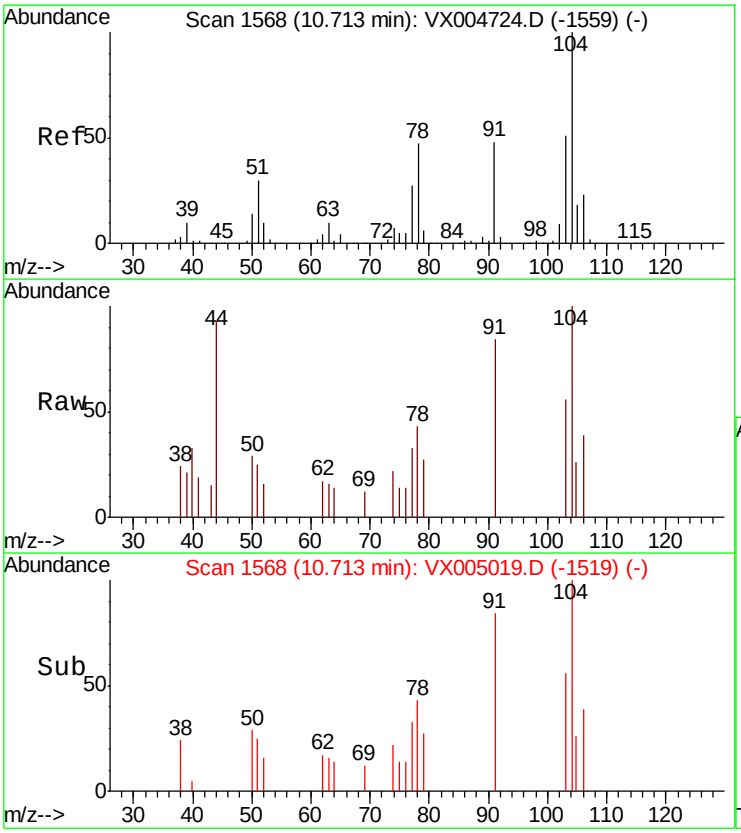
#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:106 Resp: 1563

Ion	Ratio	Lower	Upper
106	100		
91	206.5	157.5	236.3

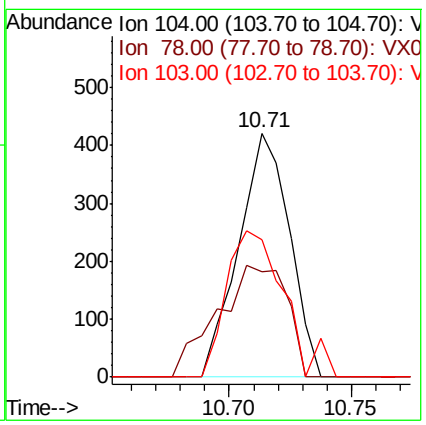


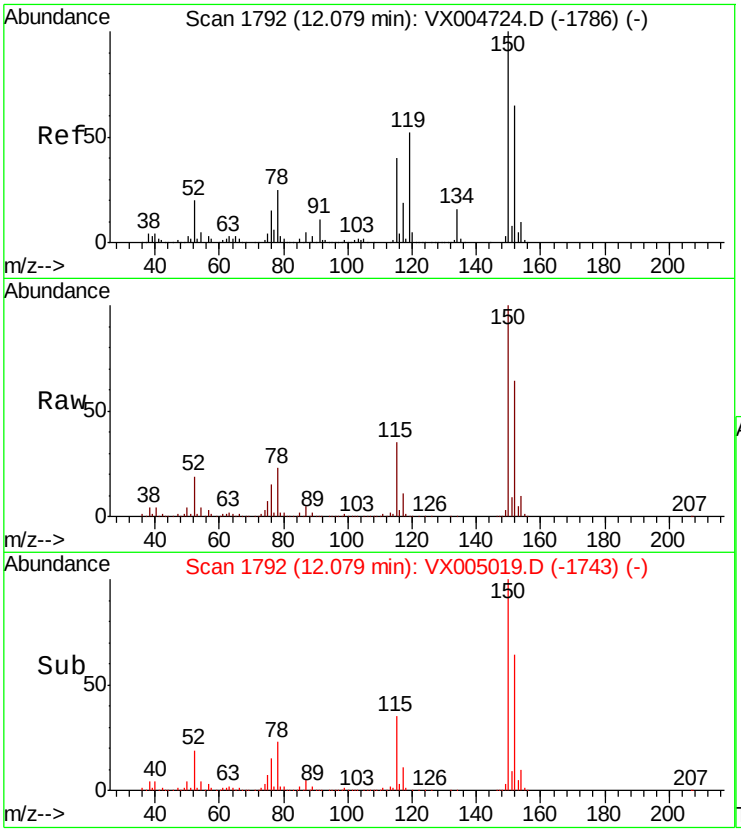


#70
Styrene
Concen: 2.196 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion:104 Resp: 611

Ion	Ratio	Lower	Upper
104	100		
78	62.2	40.0	60.0#
103	67.6	44.3	66.5#



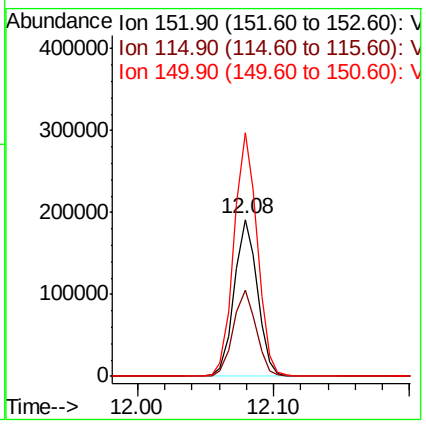


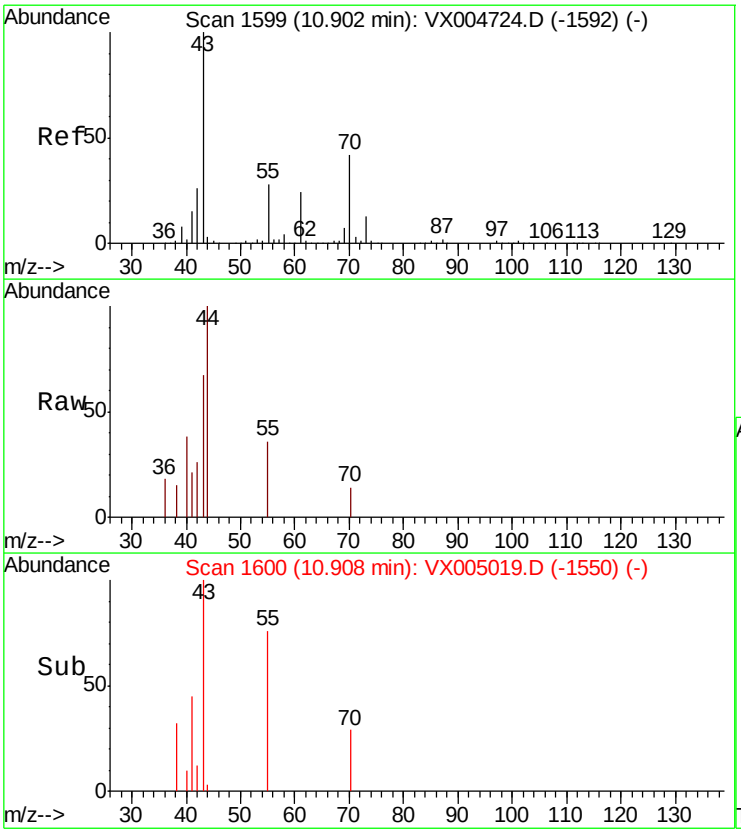
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:152 Resp: 227538

Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.2	120.6
150	155.3	0.0	351.0

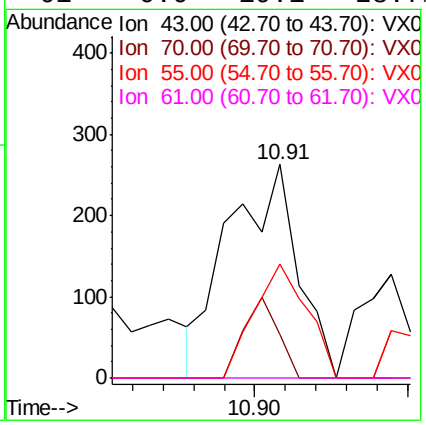


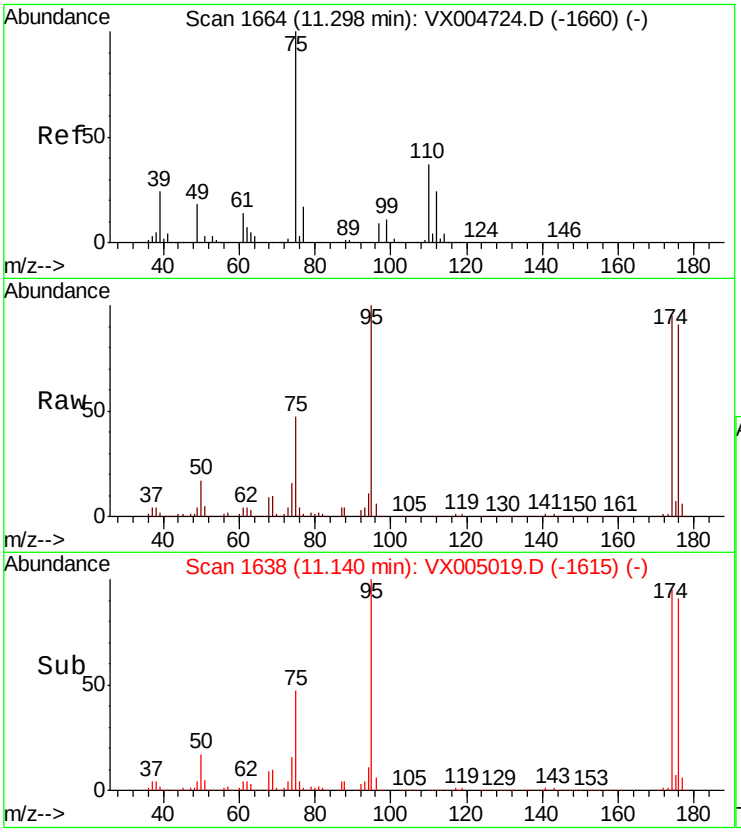


#74
N-amyl acetate
Concen: 1.798 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 43 Resp: 412

Ion	Ratio	Lower	Upper
43	100		
70	18.9	32.6	48.8#
55	41.0	21.6	32.4#
61	0.0	19.1	28.7#



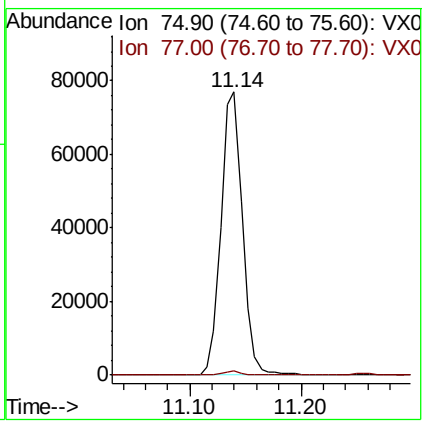


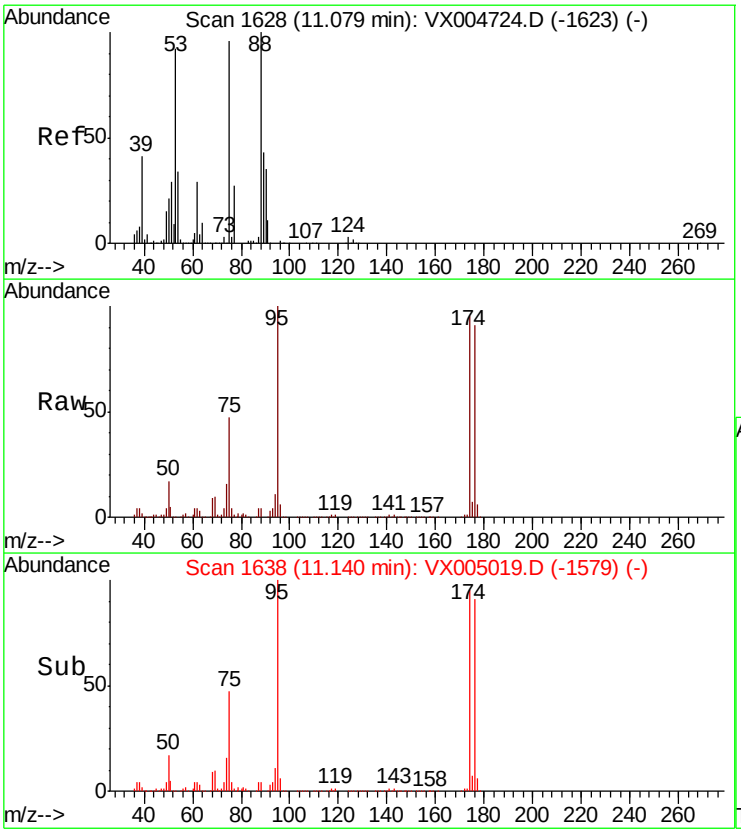
#76
1,2,3-Trichloropropane
Concen: 20.126 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 75 Resp: 102643

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

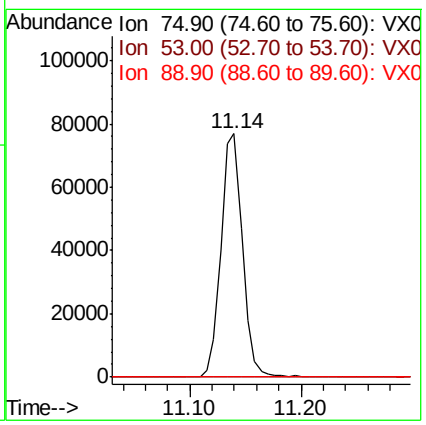


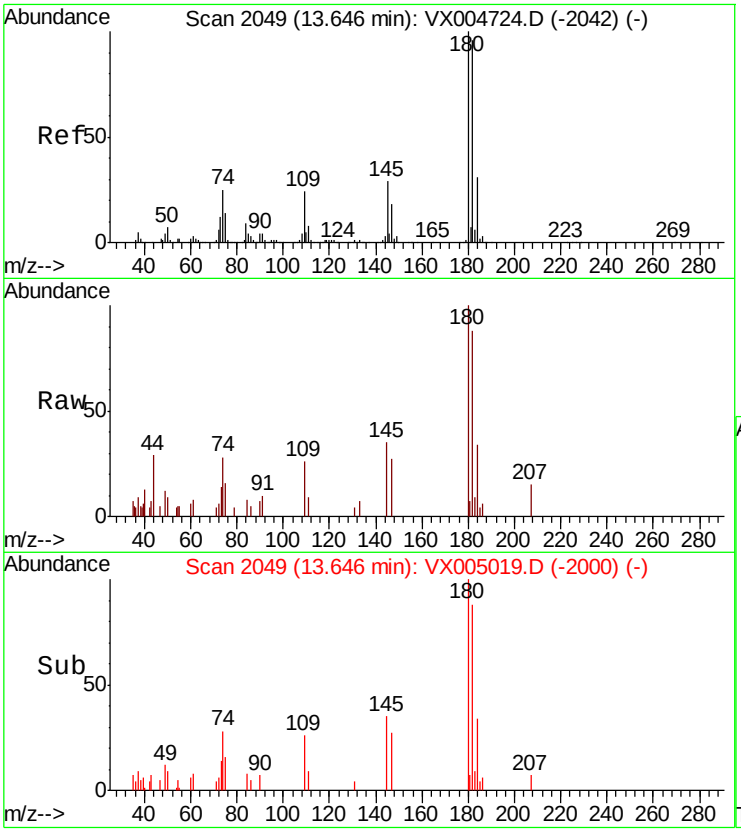


#81
trans-1,4-Dichloro-2-butene
Concen: 54.698 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion: 75 Resp: 102643

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#



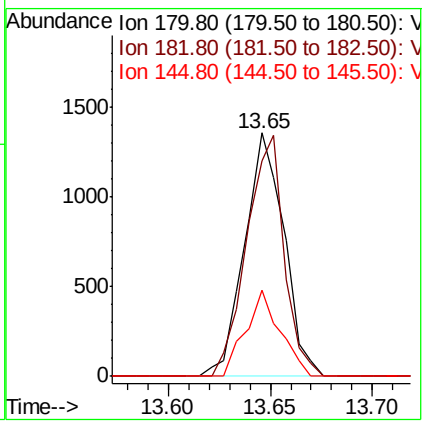


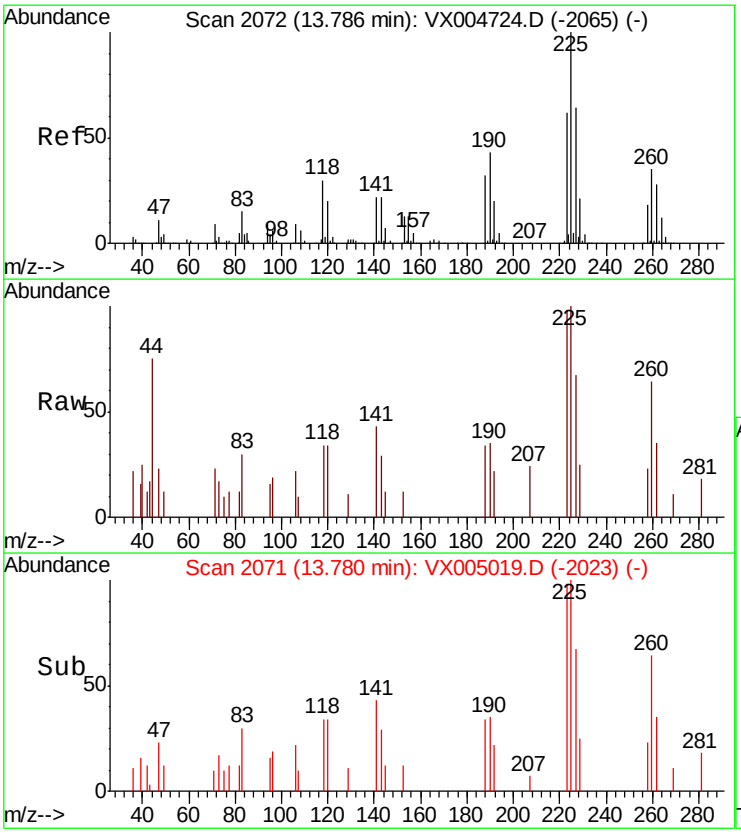
#93
1,2,4-Trichlorobenzene
Concen: 0.319 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion:180 Resp: 1821

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.4
145	30.8	14.1	42.4

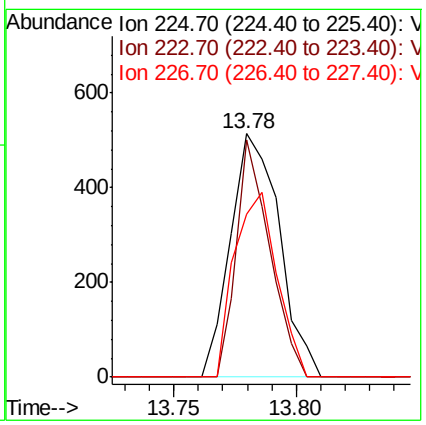


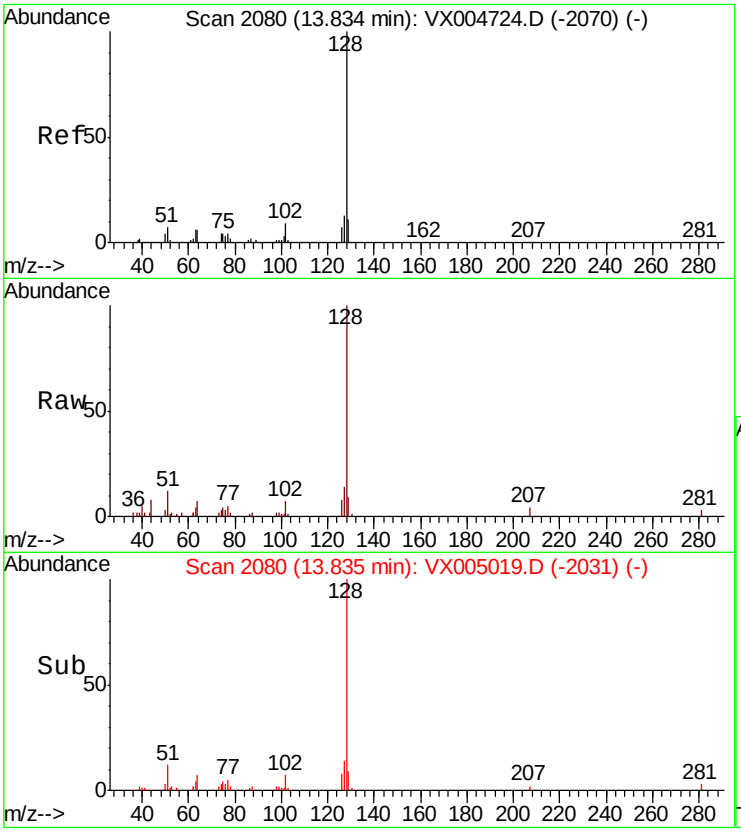


#94
Hexachlorobutadiene
Concen: 0.242 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion:225 Resp: 716

Ion	Ratio	Lower	Upper
225	100		
223	66.6	31.3	93.8
227	65.8	31.9	95.5



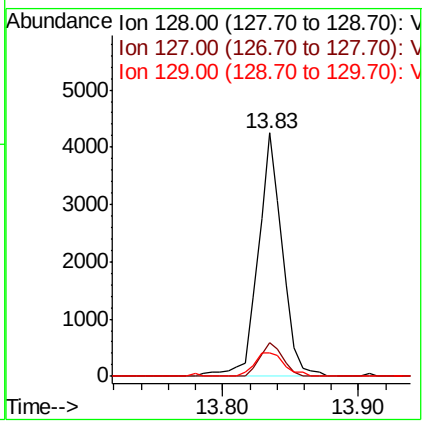


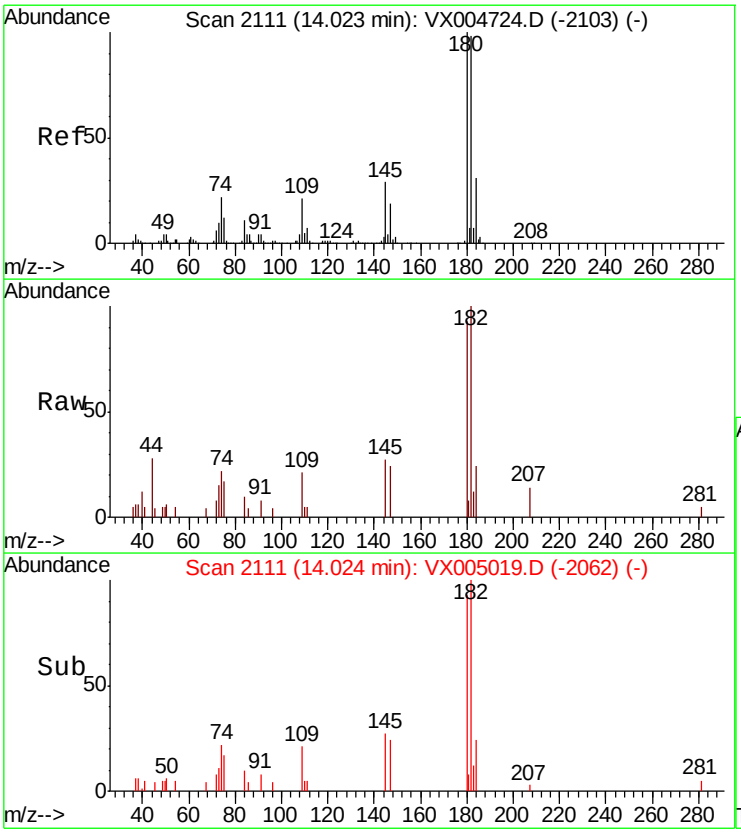
#95
Naphthalene
Concen: 0.996 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Instrument : MSVOA_X
ClientSampleId : VX1004MBL01

Tgt Ion:128 Resp: 5314

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	12.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.268 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005019.D
Acq: 04 Oct 2018 15:34

Tgt Ion:180 Resp: 1576

Ion	Ratio	Lower	Upper
180	100		
182	99.7	47.9	143.8
145	37.0	15.0	45.0