Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002939.D
Acq On : 27 Jun 2018 16:30
Operator : JC/MD
Sample : J3707-06 20X
Misc : 5.60g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 28 03:14:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	265353	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	372201	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	346773	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202623	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	178701	48.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.44%				
35) Dibromofluoromethane	5.51	113	138969	47.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.30%				
50) Toluene-d8	8.72	98	526026	48.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.74%				
62) 4-Bromofluorobenzene	11.14	95	190083	45.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	40	Below Cal		#	43
3) Chloromethane	1.33	50	497	Below Cal		#	36
4) Vinyl Chloride	1.40	62	704	0.23	ug/l	#	1
5) Bromomethane	1.64	94	1863	Below Cal			93
6) Chloroethane	1.71	64	136	Below Cal		#	27
10) Methyl Iodide	2.52	142	1835	6.77	ug/l		97
11) Tert butyl alcohol	3.03	59	3249	4.45	ug/l	#	77
12) 1,1-Dichloroethene	2.38	96	2083	0.80	ug/l	#	76
13) Acrolein	2.29	56	131	4.55	ug/l	#	34
15) Acrylonitrile	3.16	53	402	0.26	ug/l	#	33
16) Acetone	2.45	43	1388	0.91	ug/l		95
20) Methylene Chloride	2.85	84	956	0.32	ug/l		81
27) cis-1,2-Dichloroethene	4.60	96	279085	87.33	ug/l		84
29) Tetrahydrofuran	5.18	42	1414	0.98	ug/l	#	85
36) 1,1-Dichloropropene	5.67	75	18091	4.43	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	24467	5.46	ug/l	#	15
39) Methylcyclohexane	7.46	83	1198	0.25	ug/l	#	85
44) Trichloroethene	7.22	130	6901	1.95	ug/l		100
51) 4-Methyl-2-Pentanone	8.66	43	1074	0.23	ug/l		100
52) Toluene	8.79	92	2963	0.39	ug/l		98
68) m/p-Xylenes	10.36	106	1134	0.20	ug/l		89
76) 1,2,3-Trichloropropane	11.14	75	98610	26.87	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	98610	76.07	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	4000	0.34	ug/l		98
95) Naphthalene	13.84	128	3113	0.22	ug/l		96

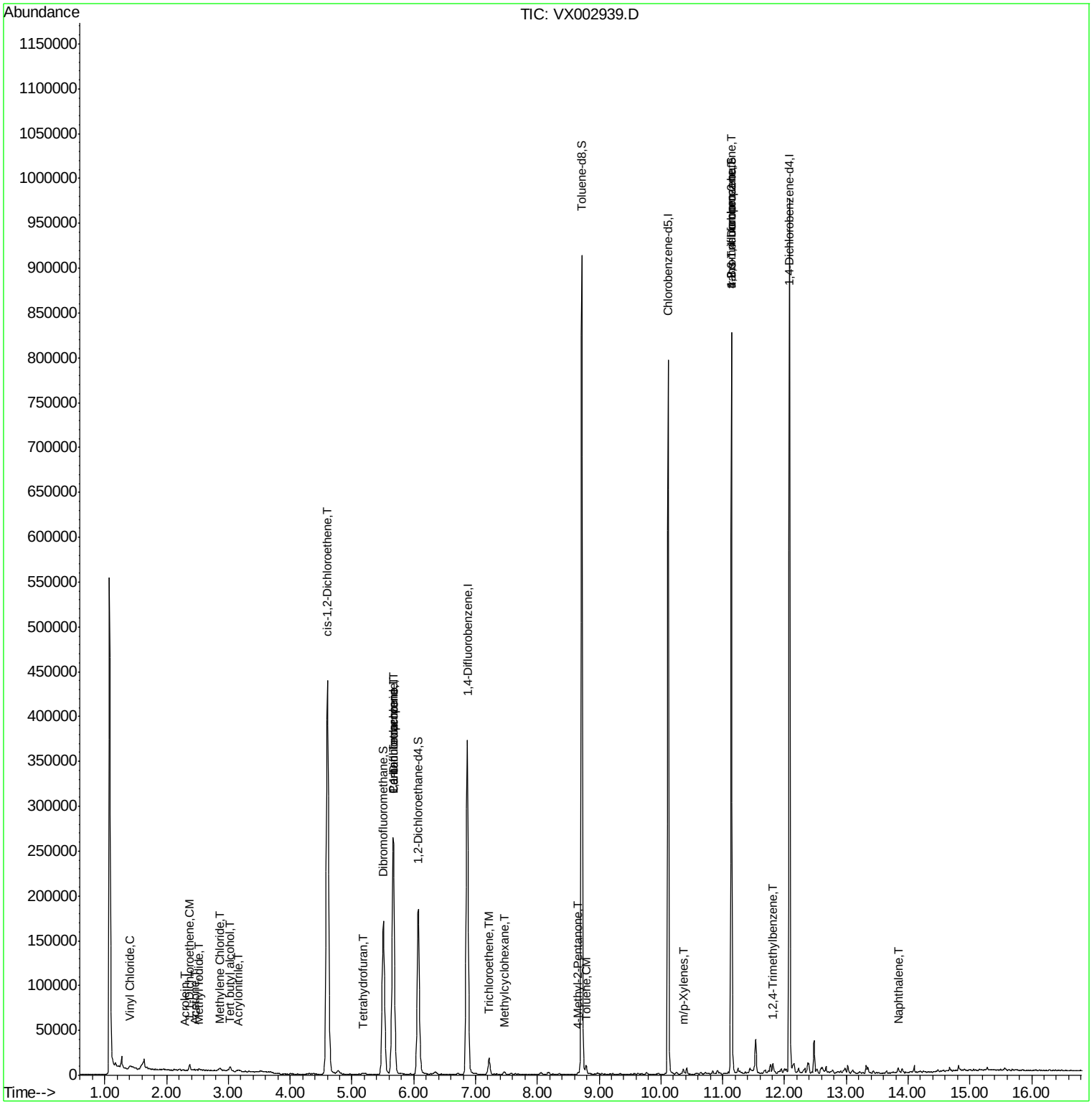
(#) = qualifier out of range (m) = manual integration (+) = signals summed

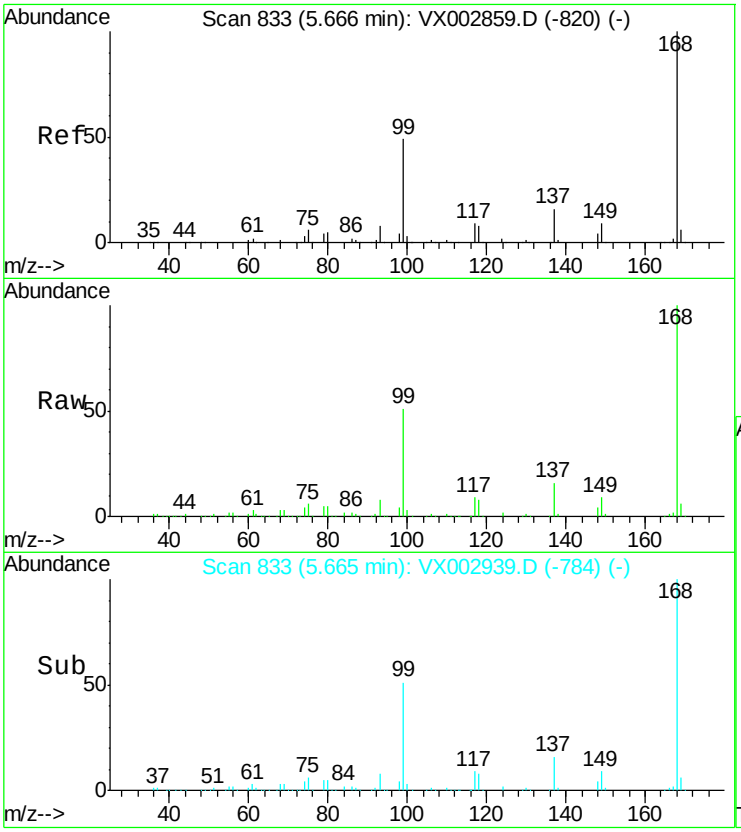
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002939.D
Acq On : 27 Jun 2018 16:30
Operator : JC/MD
Sample : J3707-06 20X
Misc : 5.60g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 03:14:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



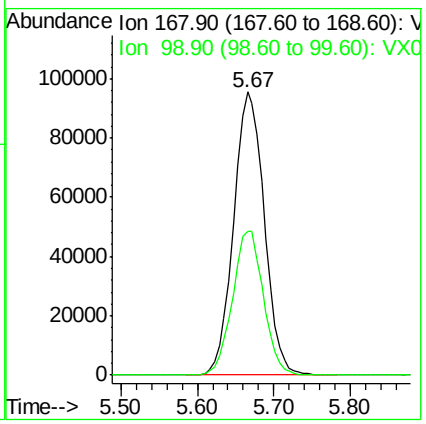


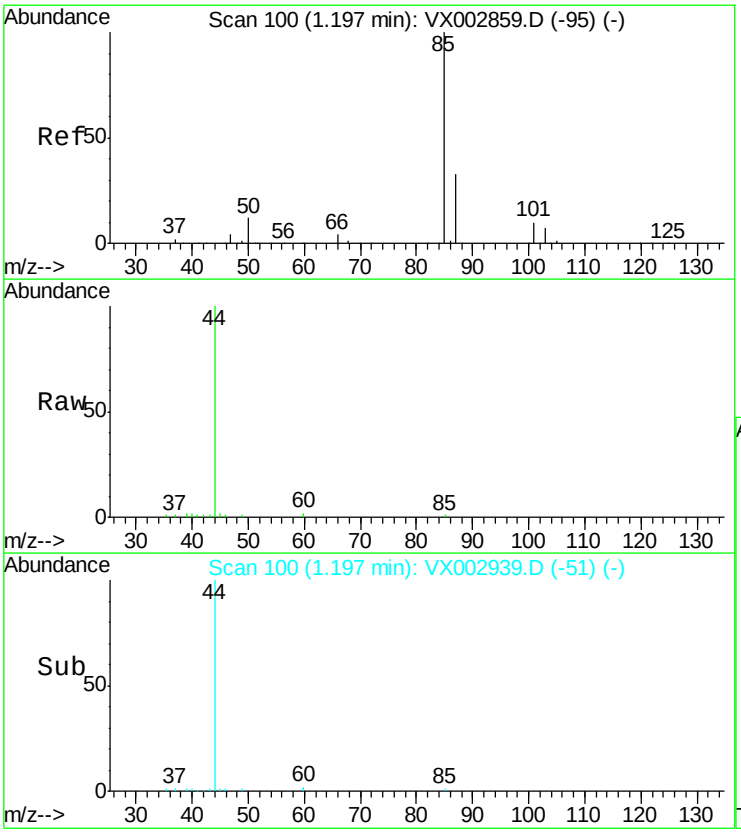
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 265353

Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.3	58.9

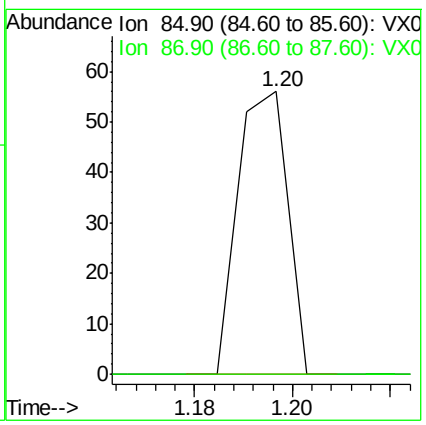


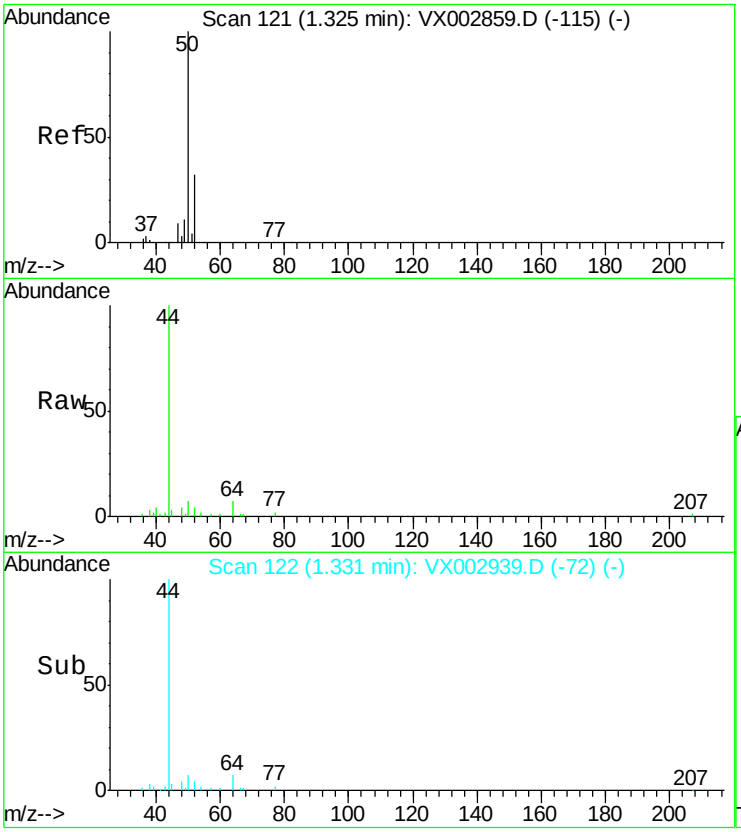


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 85 Resp: 40

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



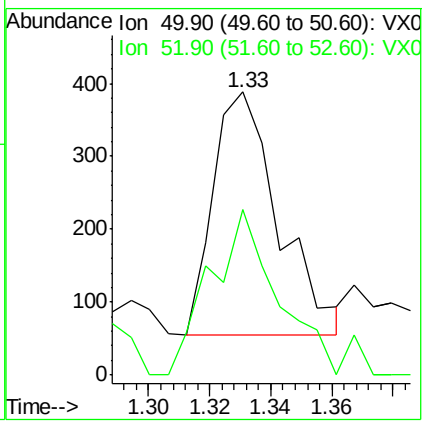


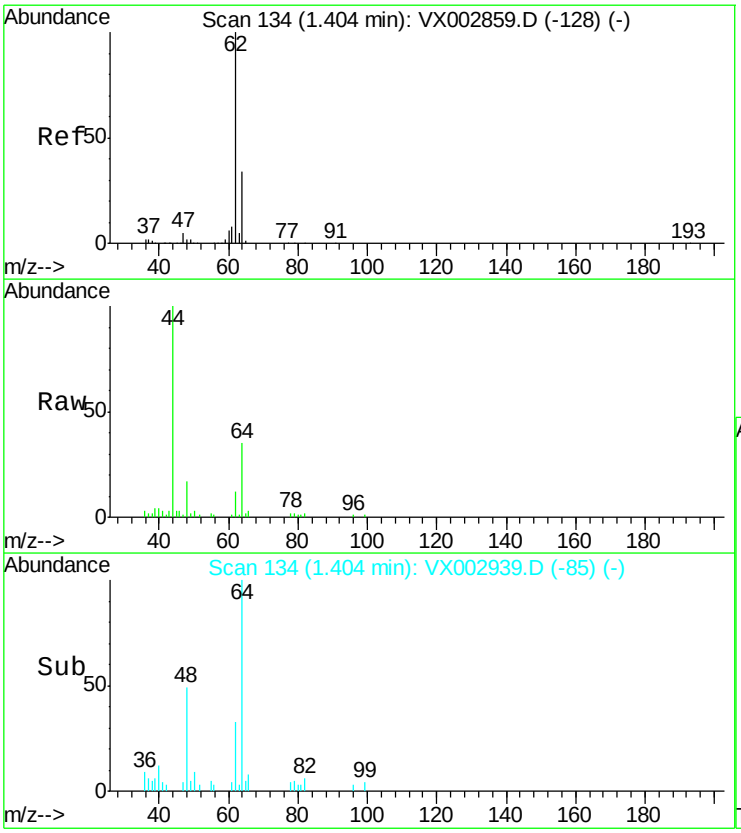
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 497

Ion	Ratio	Lower	Upper
50	100		
52	68.0	25.7	38.5#

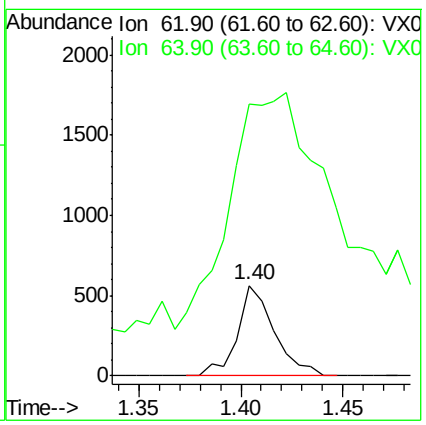


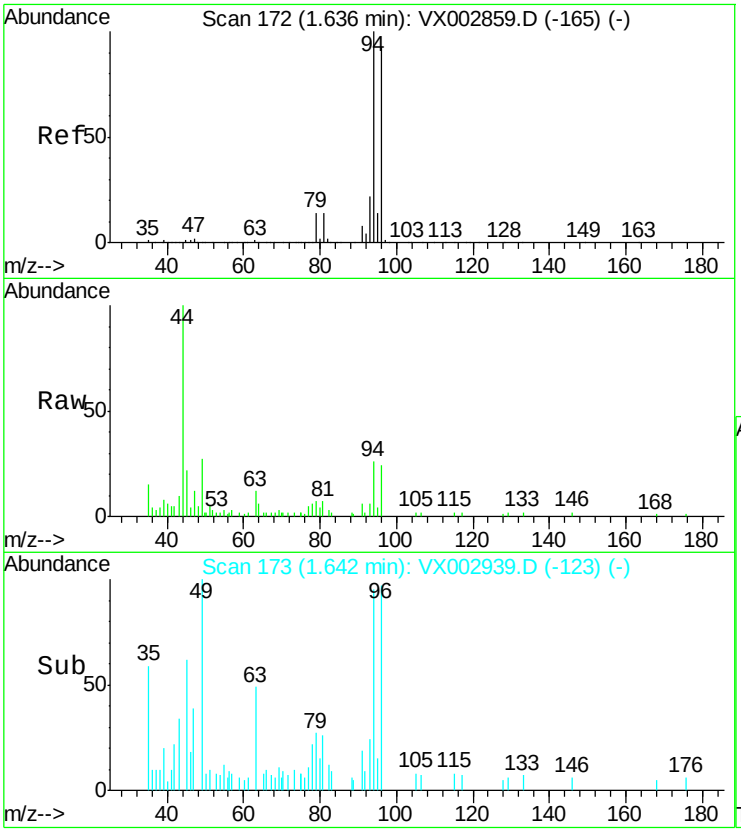


#4
Vinyl Chloride
Concen: 0.23 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 62 Resp: 704

Ion	Ratio	Lower	Upper
62	100		
64	230.4	25.4	38.2#



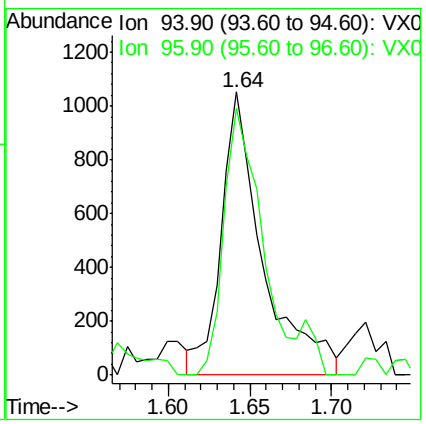


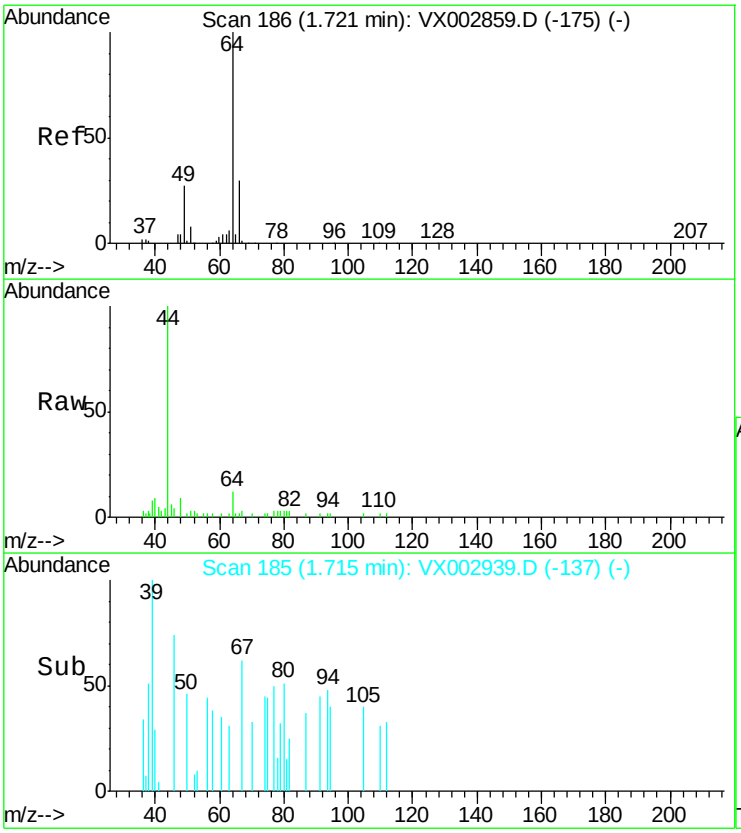
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1863

Ion	Ratio	Lower	Upper
94	100		
96	100.1	74.9	112.3

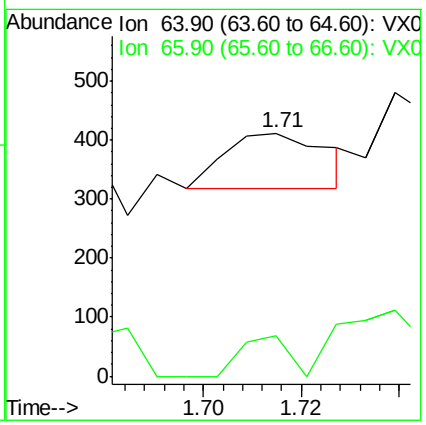


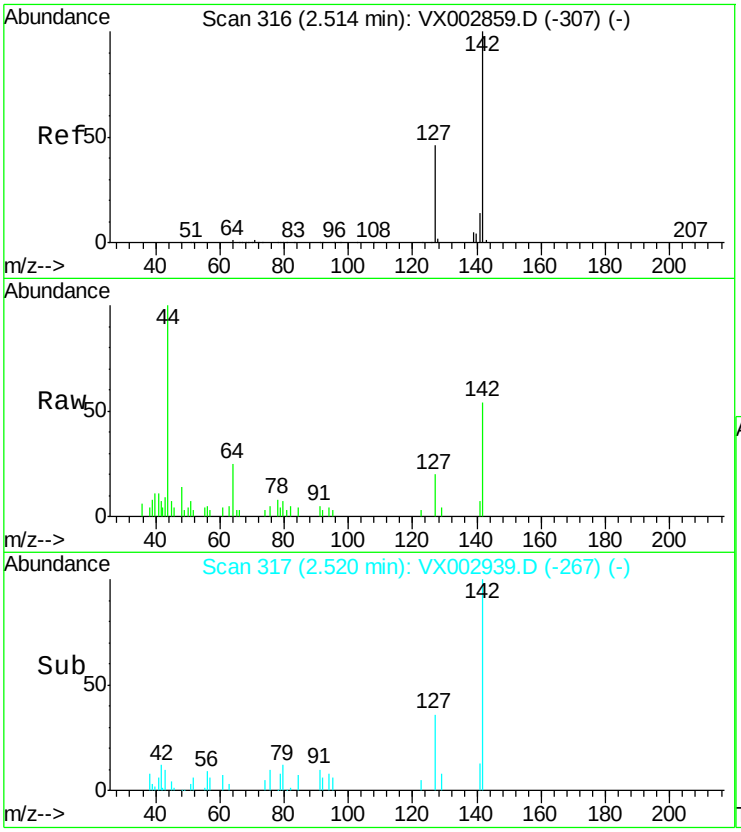


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 64 Resp: 136

Ion	Ratio	Lower	Upper
64	100		
66	72.3	25.5	38.3#



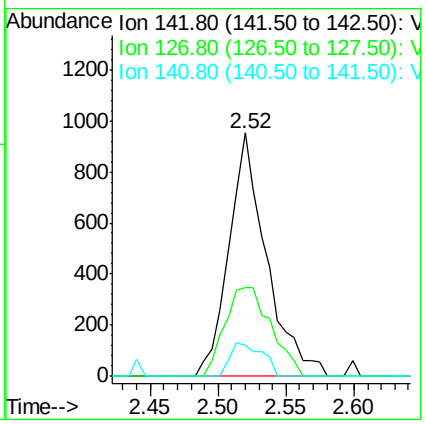


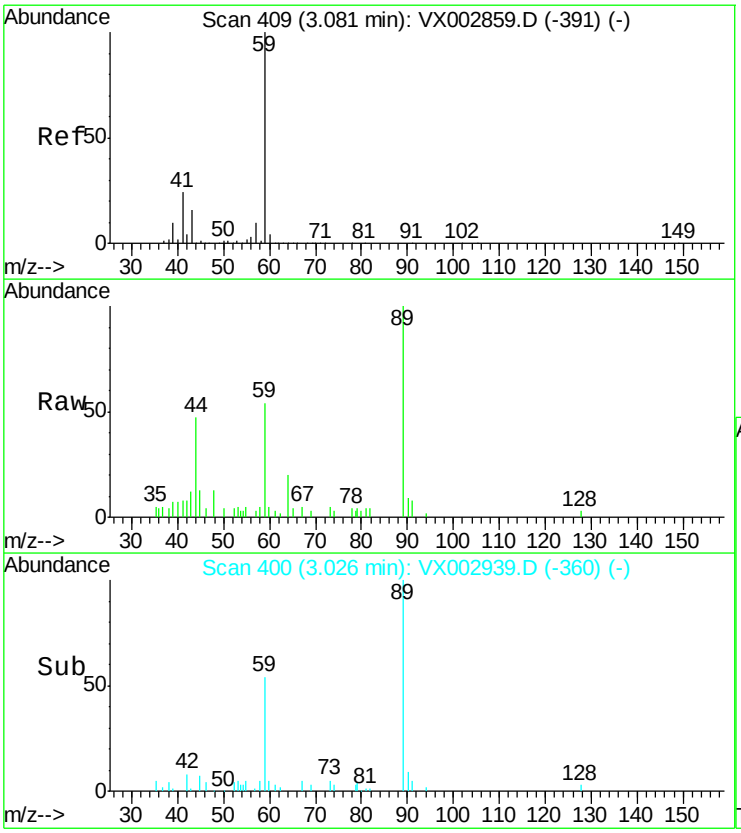
#10
Methyl Iodide
Concen: 6.77 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1835

Ion	Ratio	Lower	Upper
142	100		
127	44.8	36.6	55.0
141	11.8	11.3	16.9

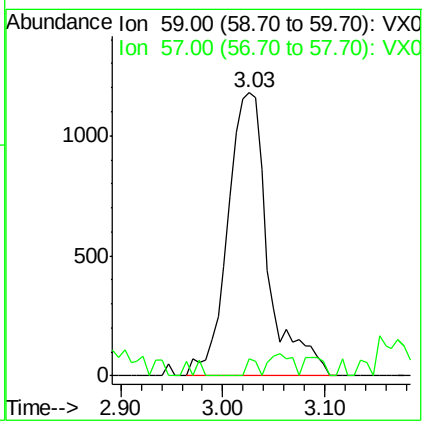


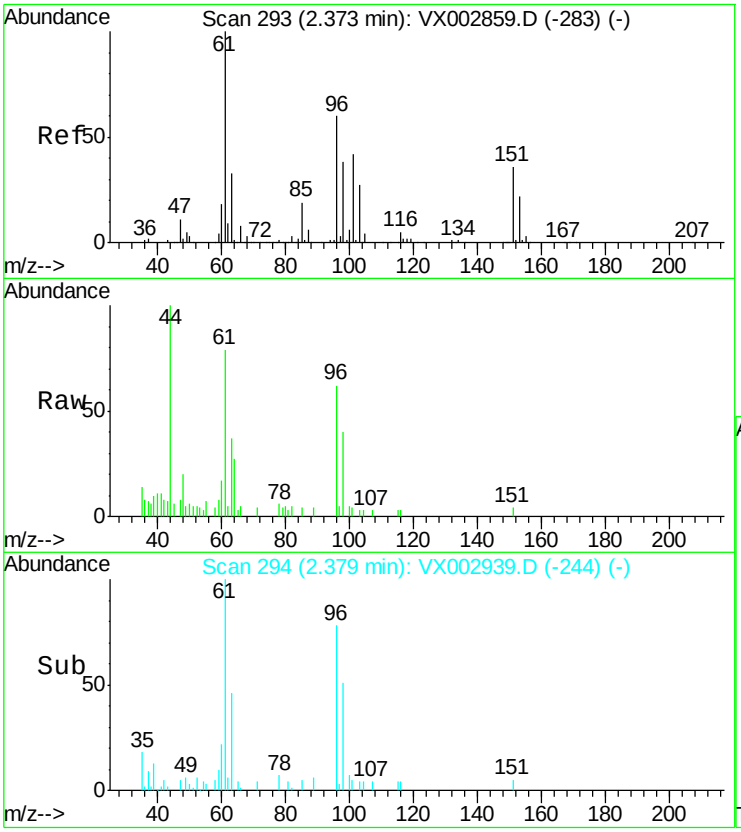


#11
Tert butyl alcohol
Concen: 4.45 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 59 Resp: 3249

Ion	Ratio	Lower	Upper
59	100		
57	1.5	8.2	12.2#



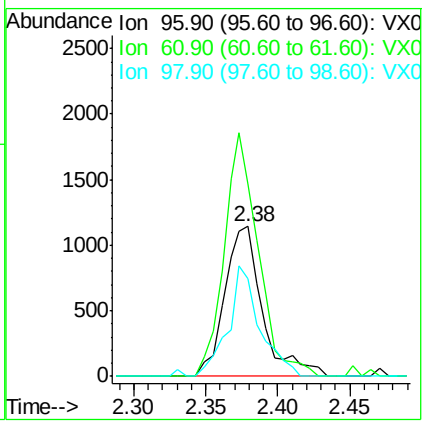


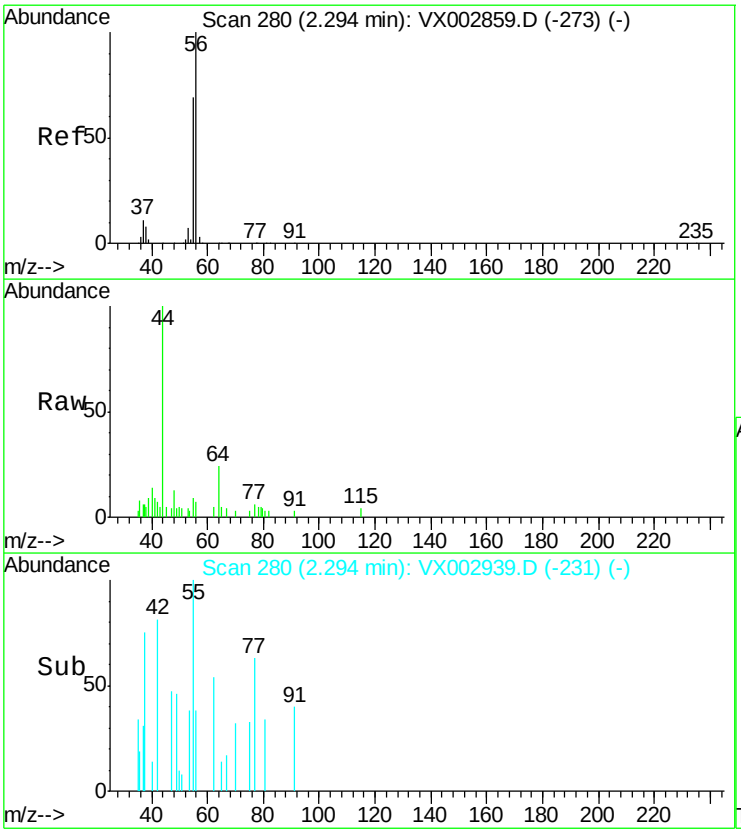
#12
1,1-Dichloroethene
Concen: 0.80 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2083

Ion	Ratio	Lower	Upper
96	100		
61	128.1	137.9	206.9#
98	65.1	51.6	77.4

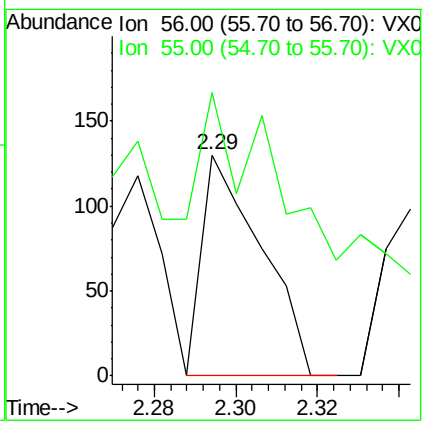


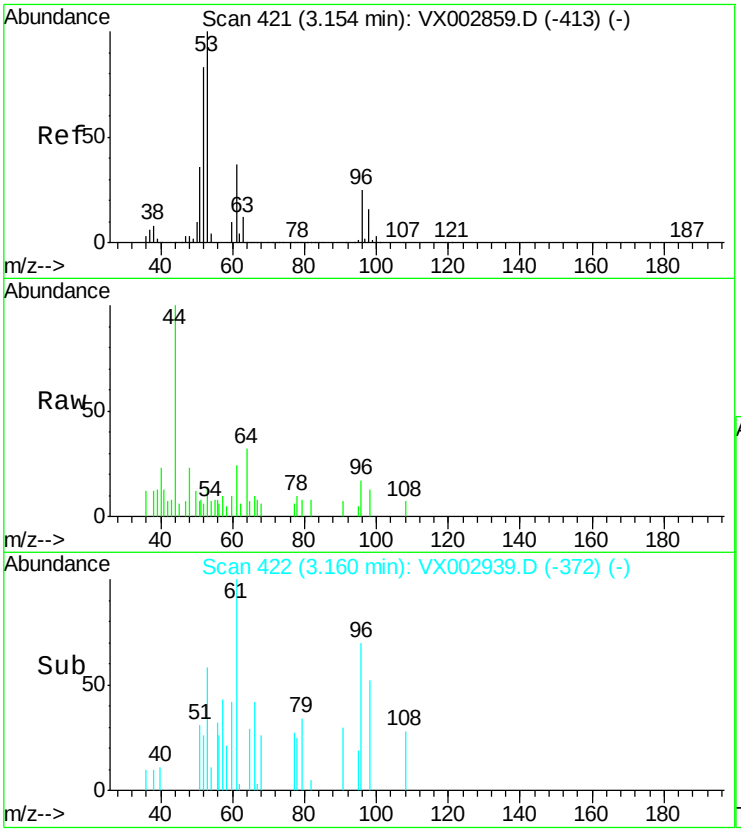


#13
Acrolein
Concen: 4.55 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 56 Resp: 131

Ion	Ratio	Lower	Upper
56	100		
55	126.0	57.0	85.4#



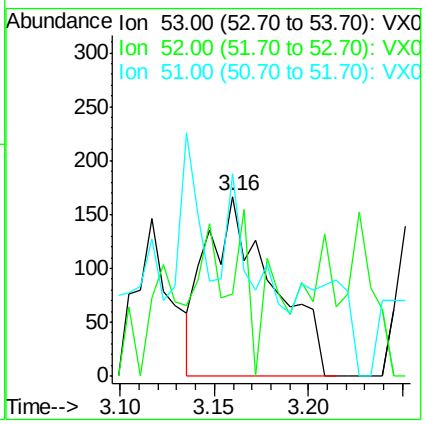


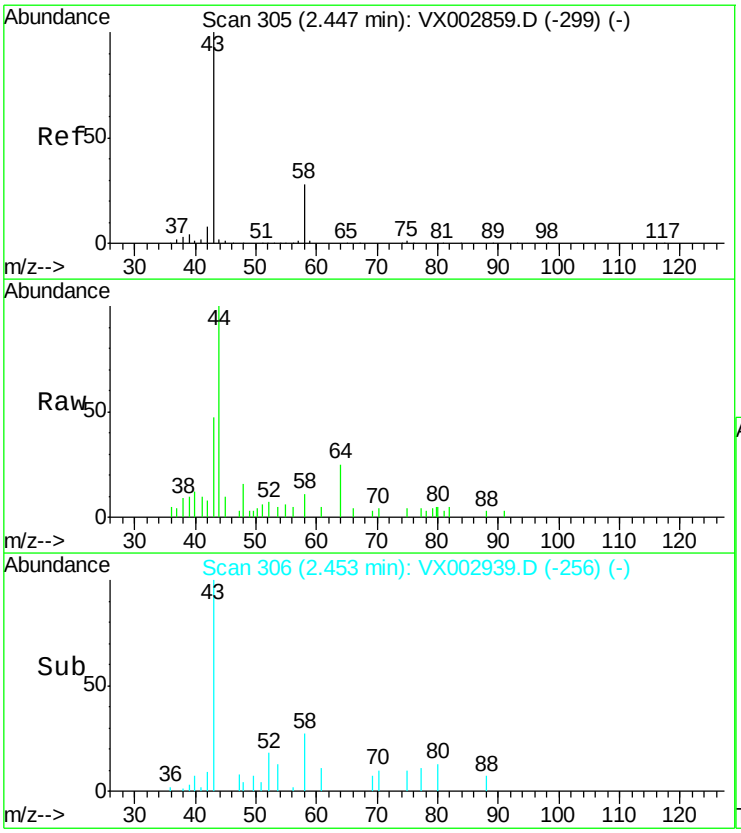
#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 402

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	30.6	29.9	44.9

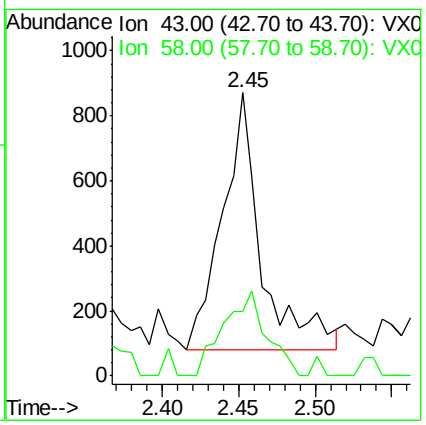


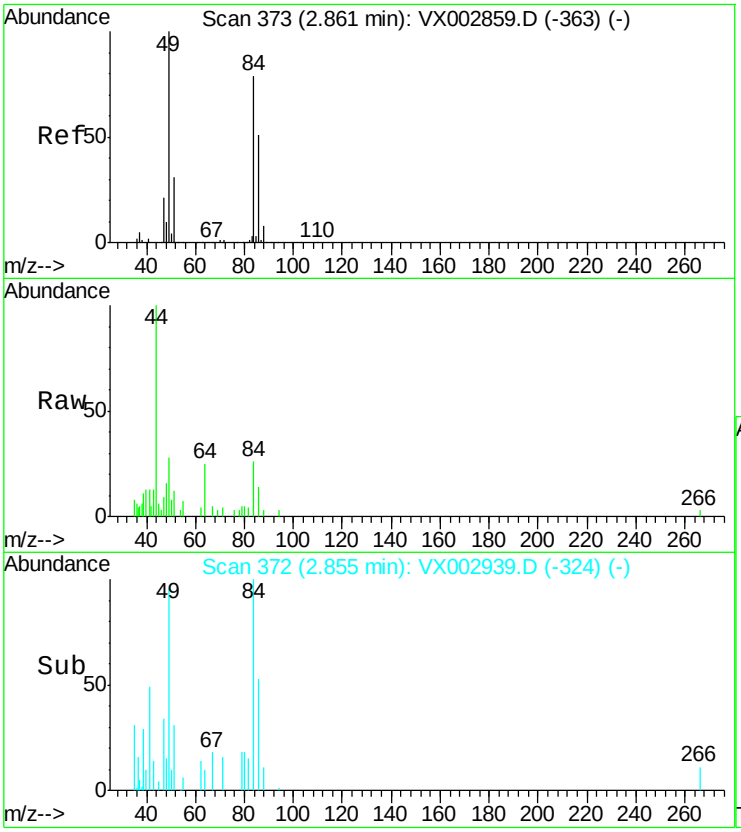


#16
Acetone
Concen: 0.91 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 43 Resp: 1388

Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.1	33.1



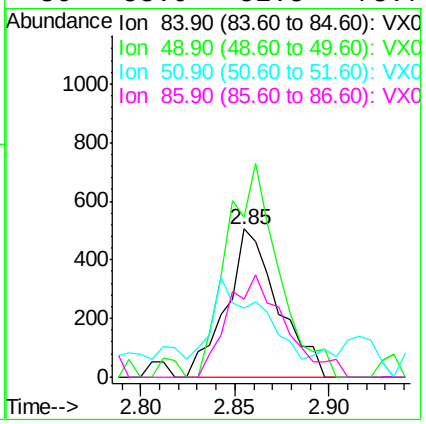


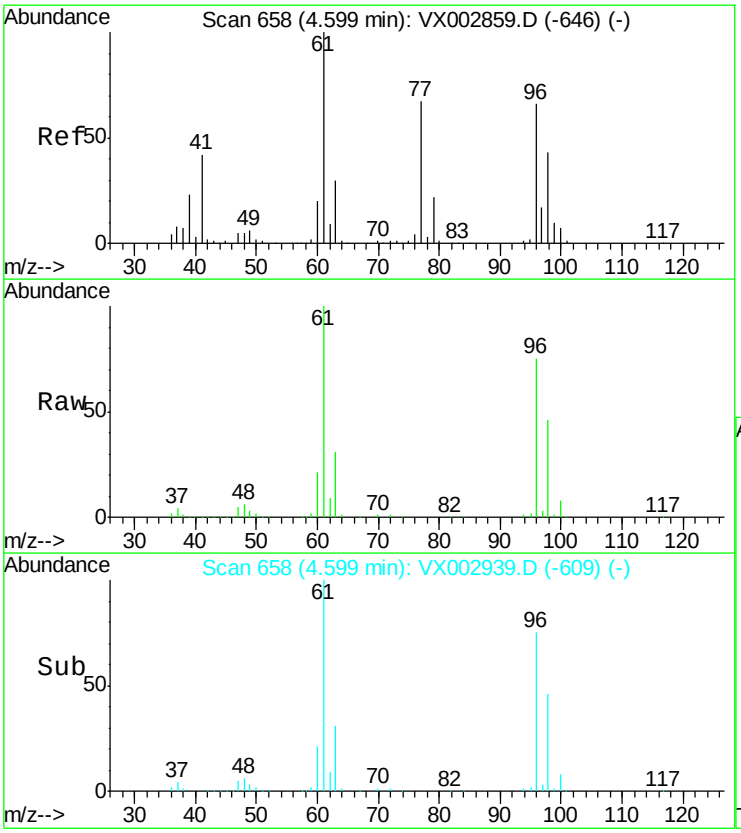
#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 956

Ion	Ratio	Lower	Upper
84	100		
49	108.1	107.8	161.6
51	34.0	32.8	49.2
86	53.0	52.5	78.7

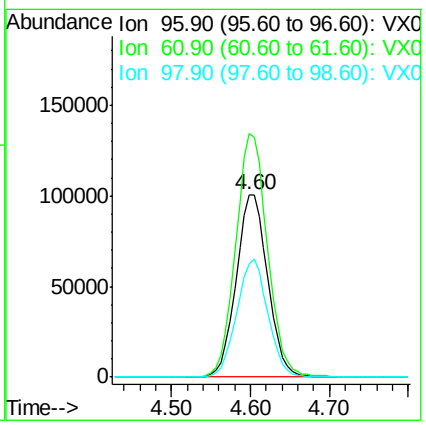


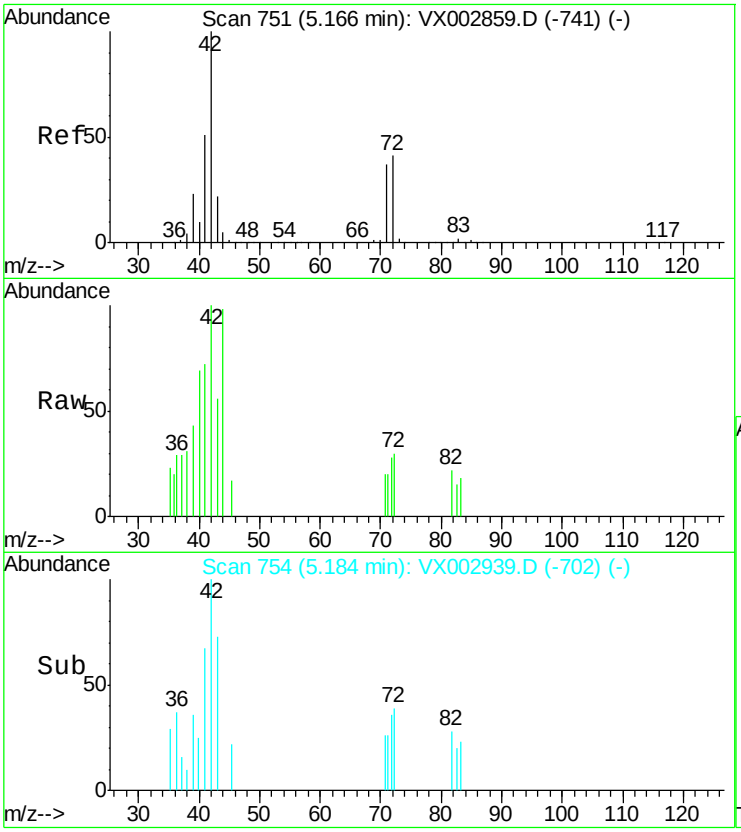


#27
cis-1,2-Dichloroethene
Concen: 87.33 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 96 Resp: 279085

Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	330.2
98	64.2	0.0	130.2



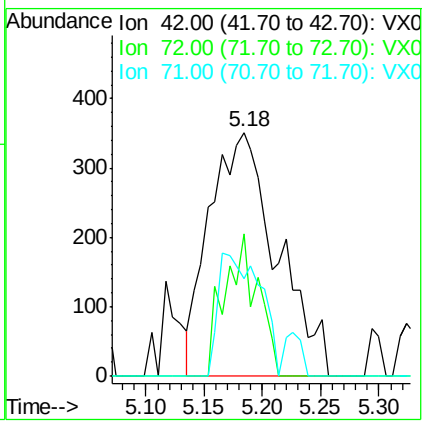


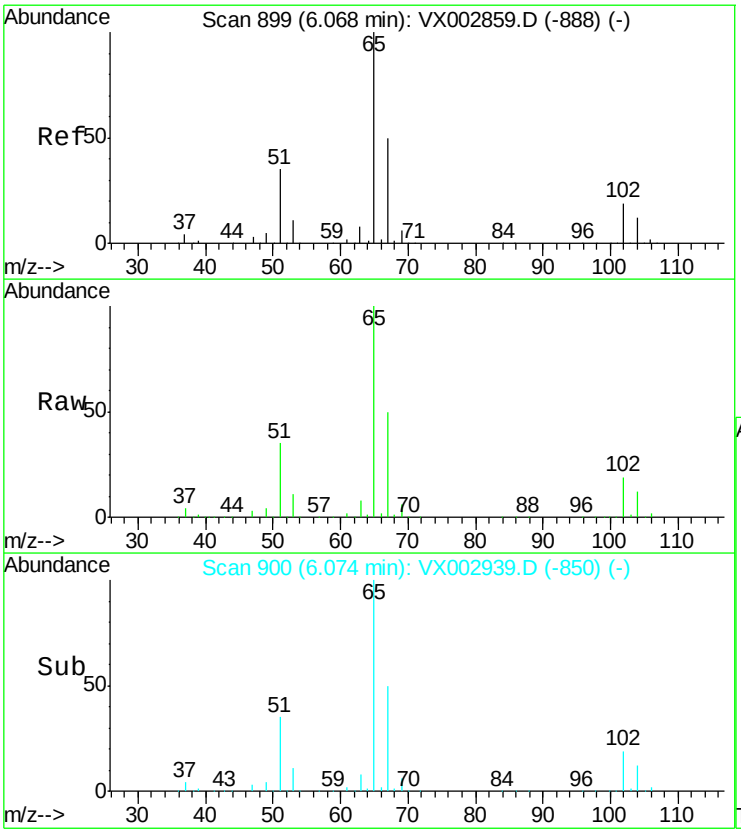
#29
Tetrahydrofuran
Concen: 0.98 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1414

Ion	Ratio	Lower	Upper
42	100		
72	28.7	32.0	48.0#
71	31.1	30.1	45.1

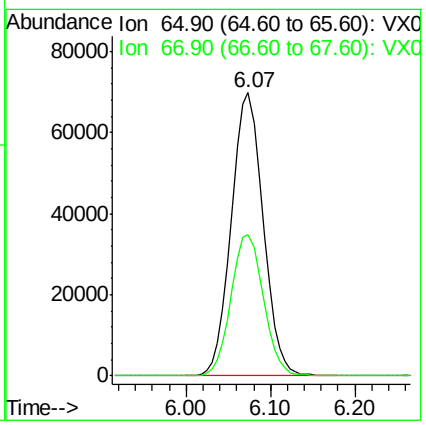


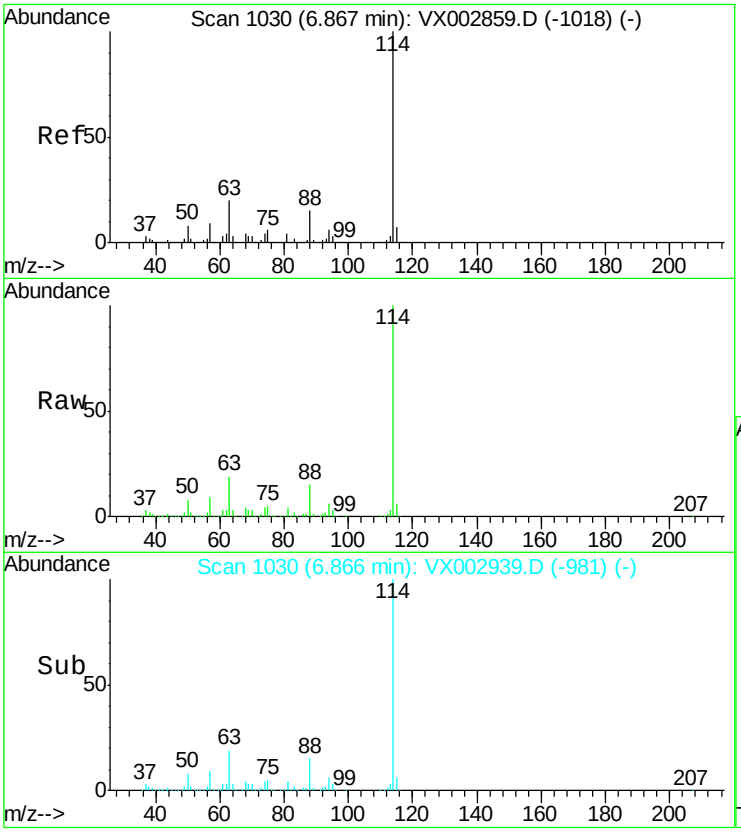


#33
1,2-Dichloroethane-d4
Concen: 48.72 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 65 Resp: 178701

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6



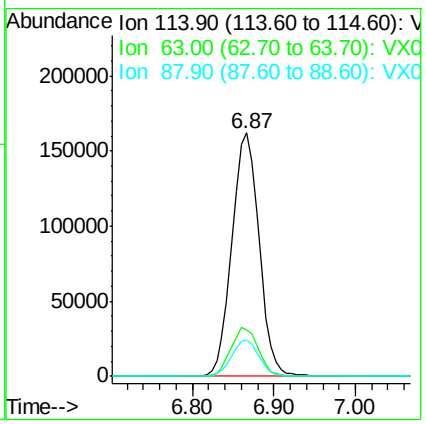


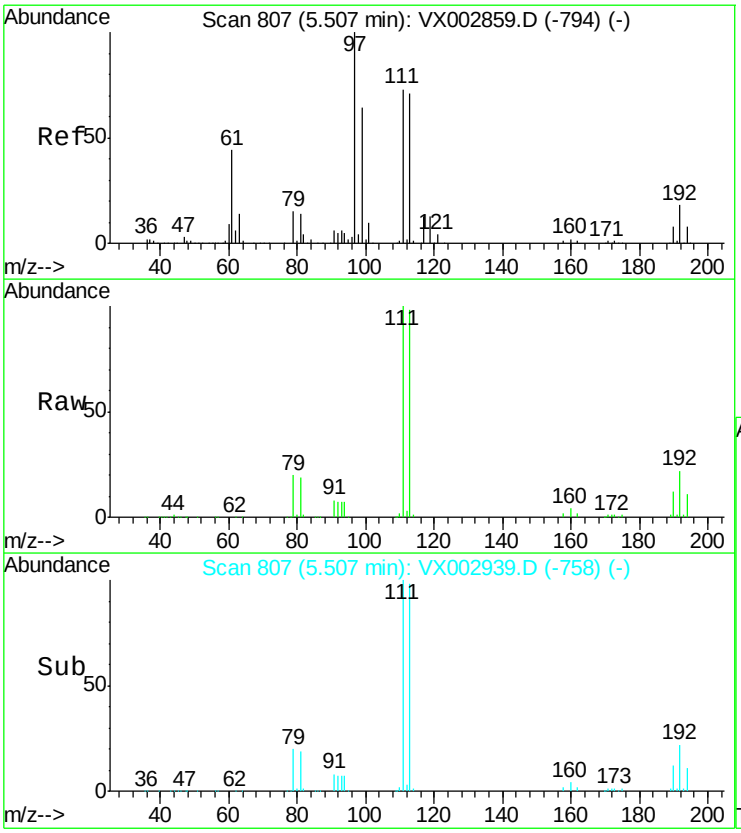
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 372201

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	14.7	0.0	30.0

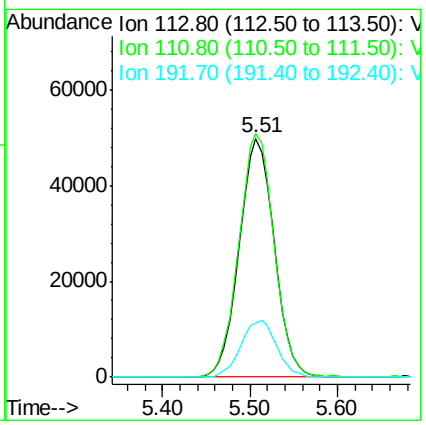


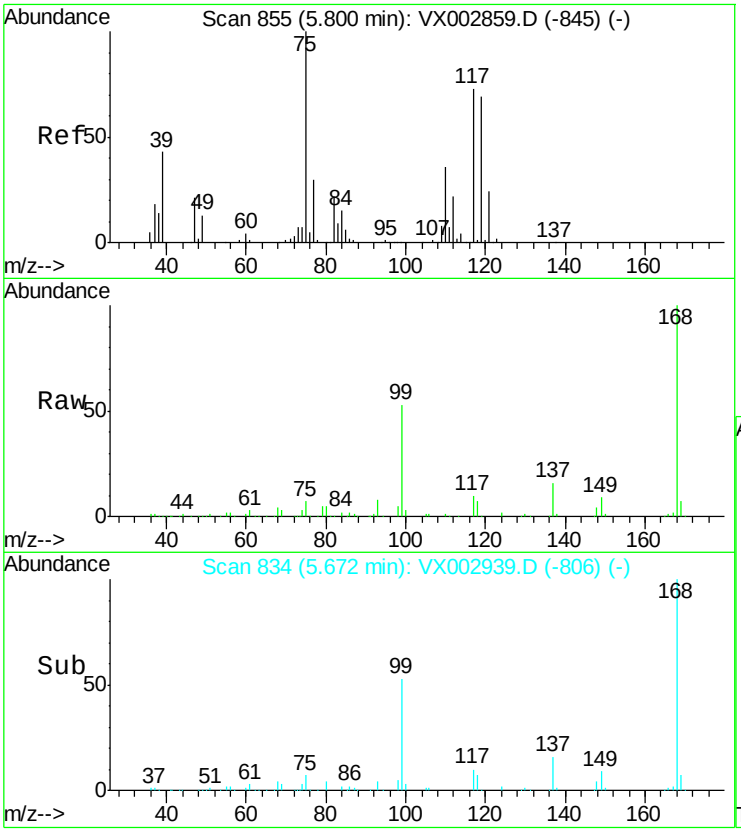


#35
Dibromofluoromethane
Concen: 47.15 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion:113 Resp: 138969

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	24.4	19.1	28.7



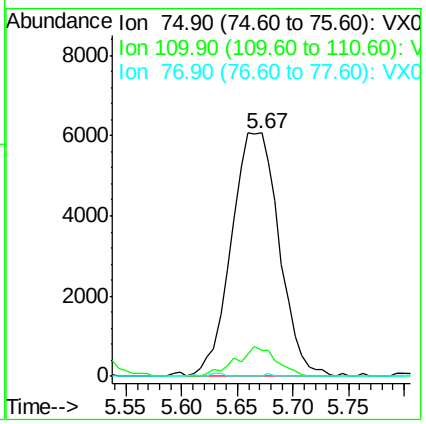


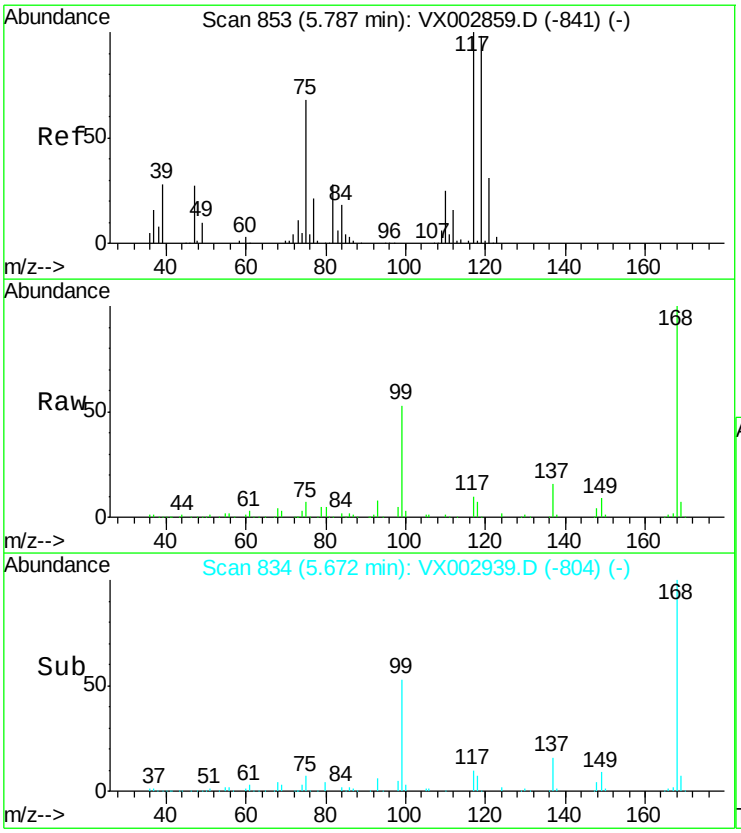
#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 18091

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.2	24.3	36.5#

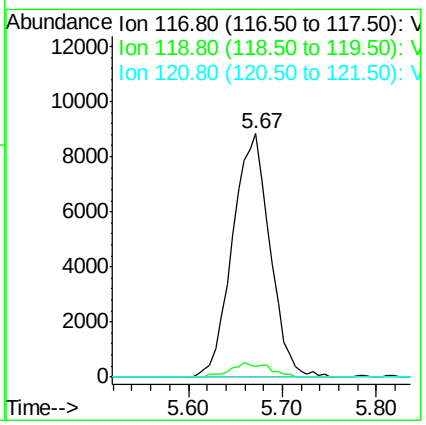


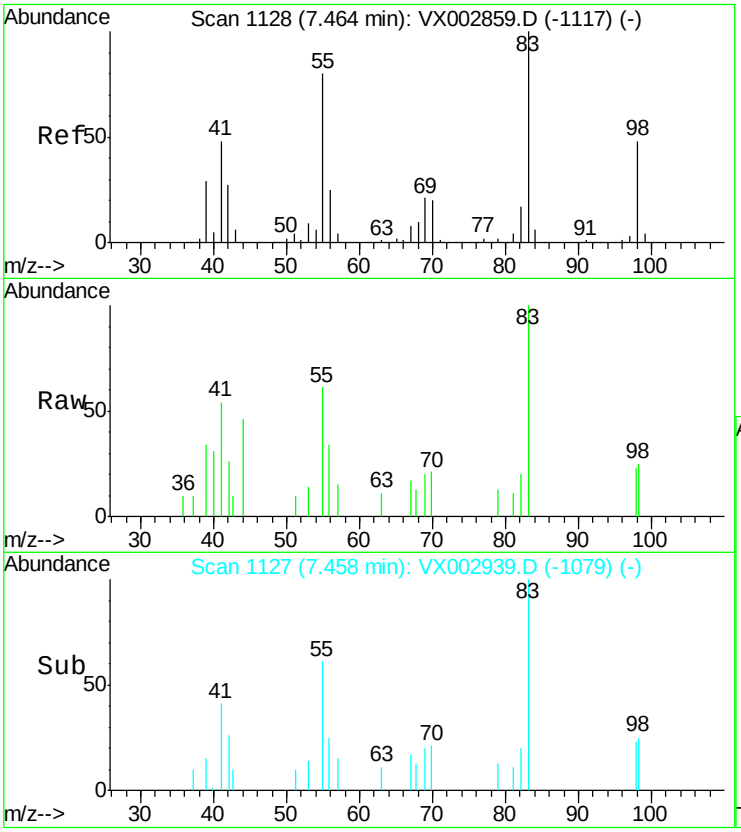


#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion:117 Resp: 24467

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
121	0.0	24.4	36.6#



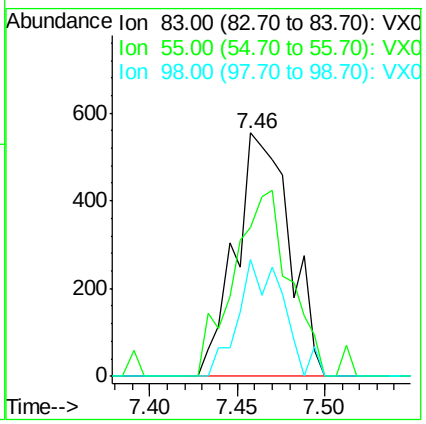


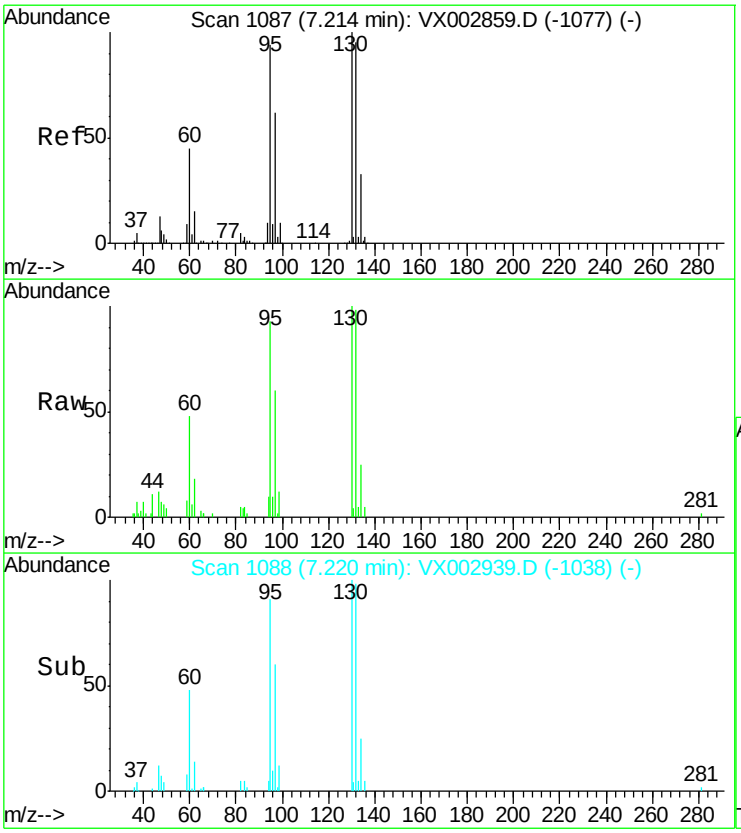
#39
Methylcyclohexane
Concen: 0.25 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1198

Ion	Ratio	Lower	Upper
83	100		
55	61.3	65.4	98.0#
98	47.7	37.4	56.0

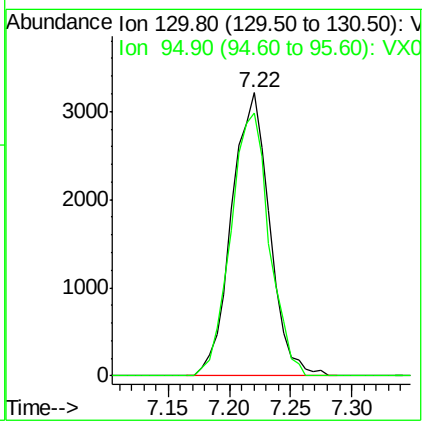


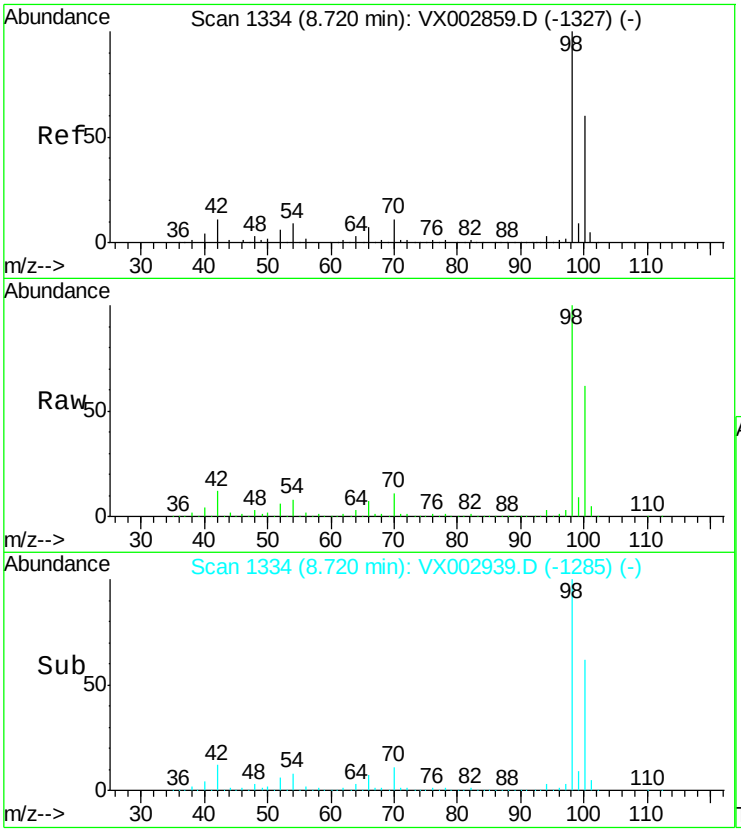


#44
Trichloroethene
Concen: 1.95 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion:130 Resp: 6901

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.4



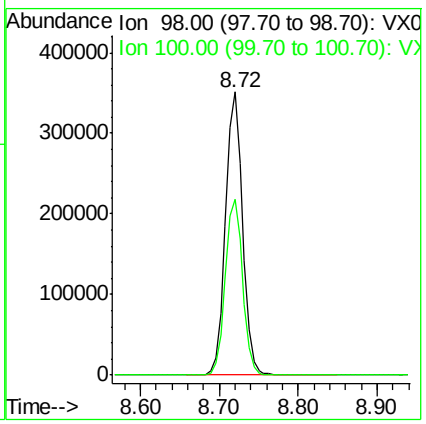


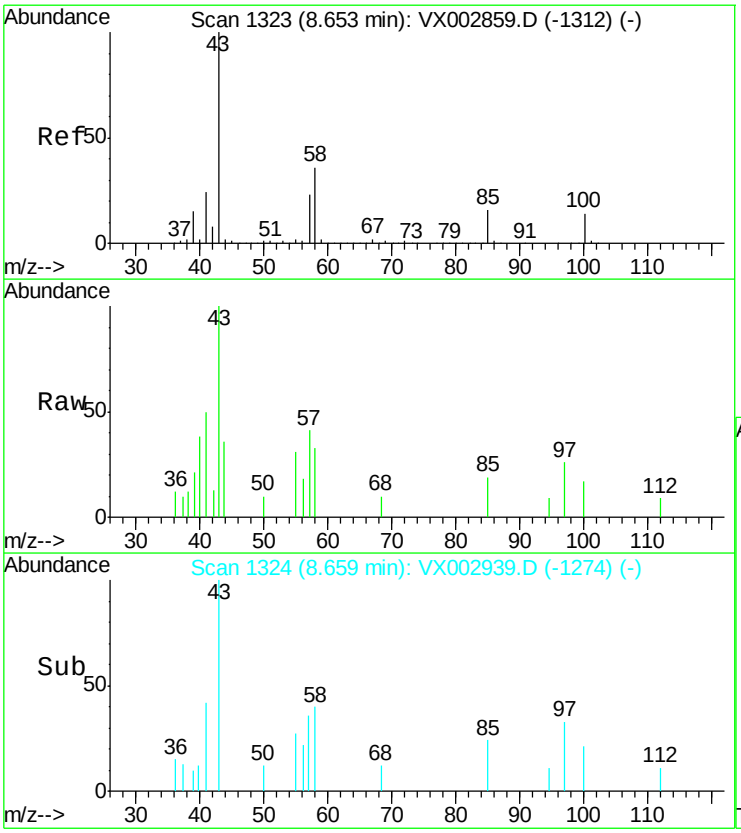
#50
Toluene-d8
Concen: 48.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 526026

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

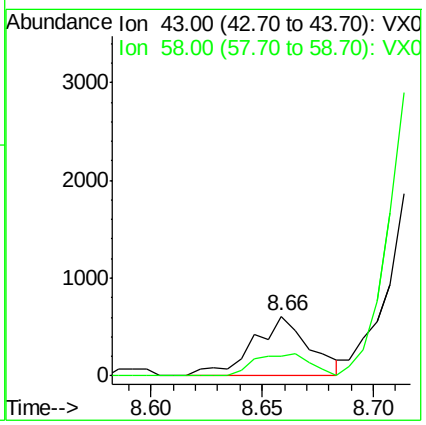


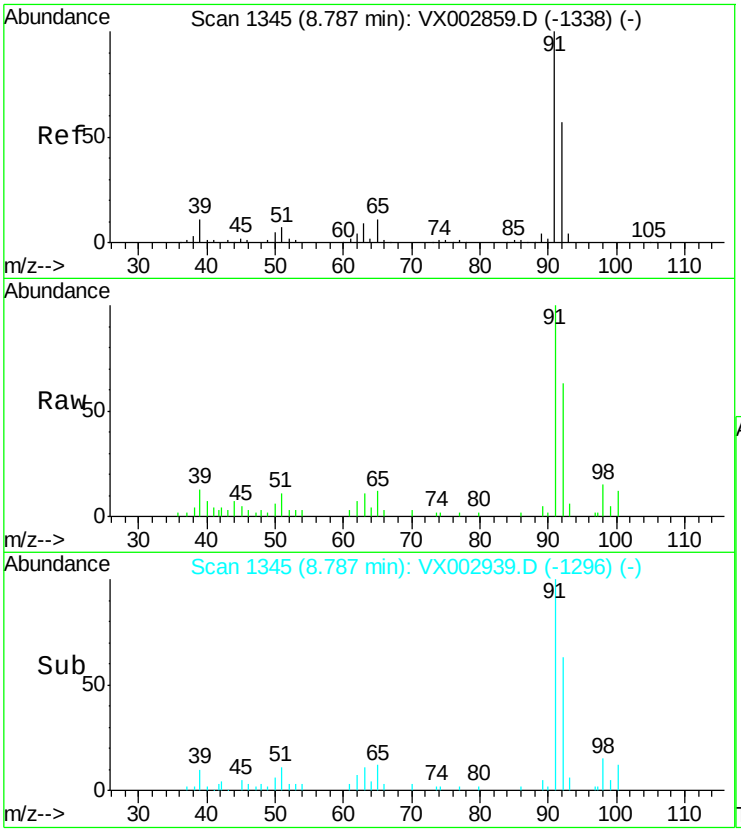


#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.6	42.8



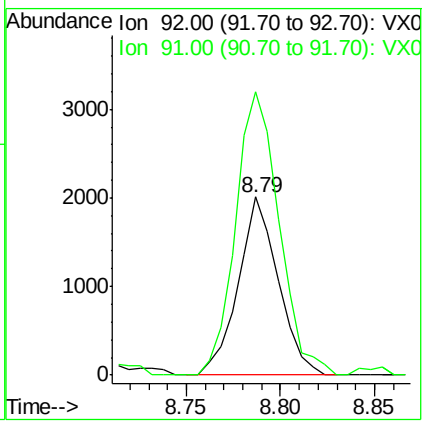


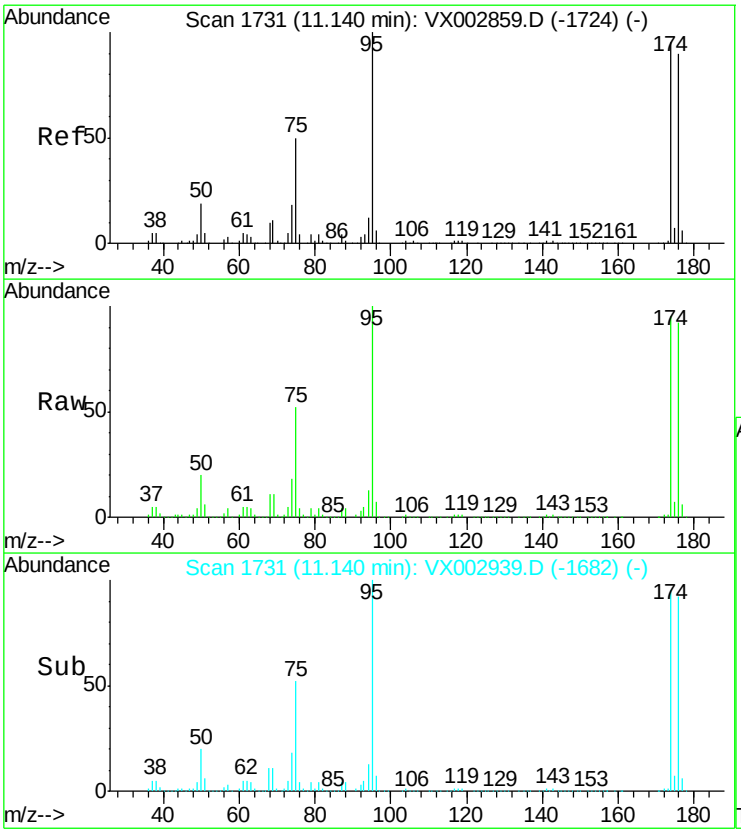
#52
Toluene
Concen: 0.39 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 2963

Ion	Ratio	Lower	Upper
92	100		
91	172.2	140.4	210.6

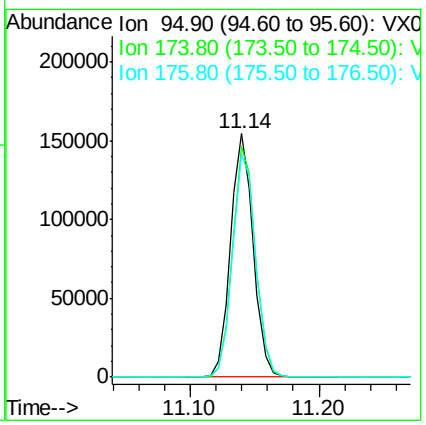


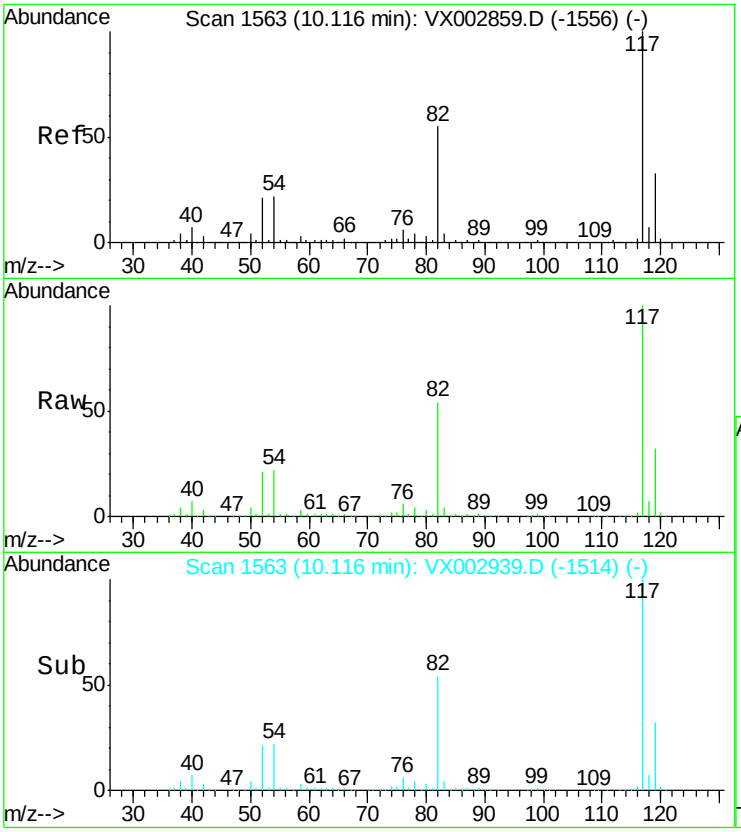


#62
4-Bromofluorobenzene
Concen: 45.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 95 Resp: 190083

Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	187.4
176	93.8	0.0	181.0



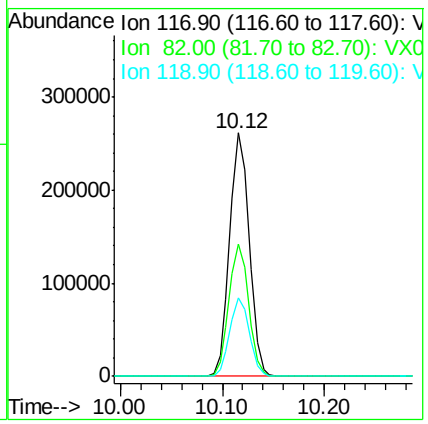


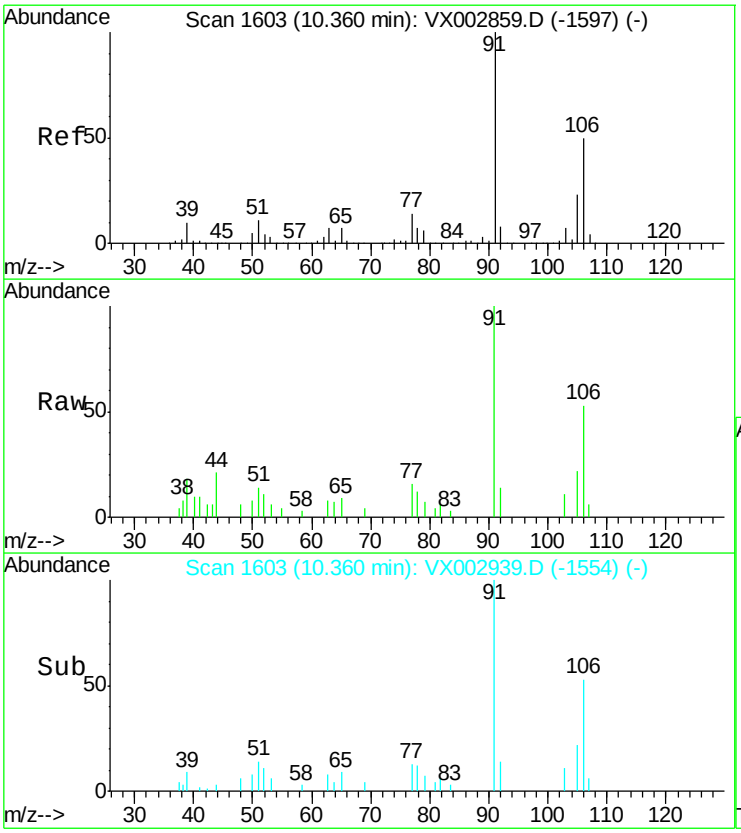
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 346773

Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	32.4	25.8	38.6

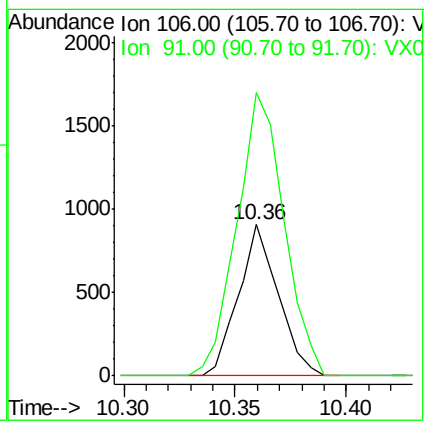


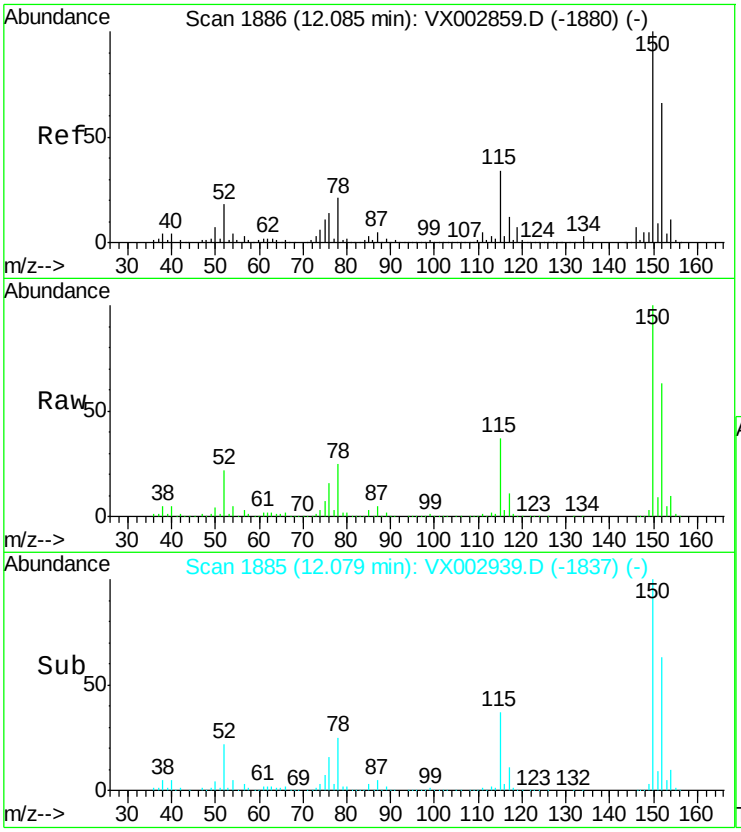


#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion:106 Resp: 1134

Ion	Ratio	Lower	Upper
106	100		
91	221.7	163.4	245.2



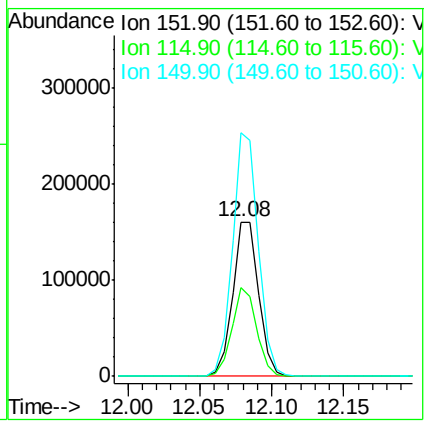


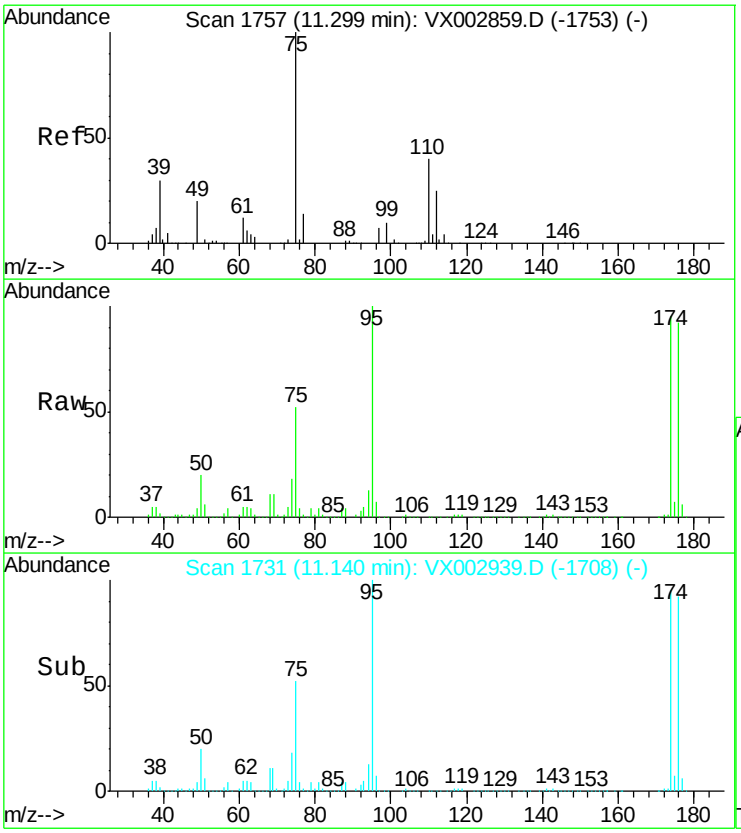
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 202623

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.1	120.2
150	156.4	0.0	347.2

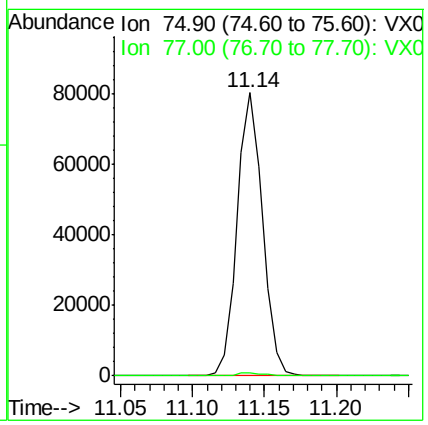


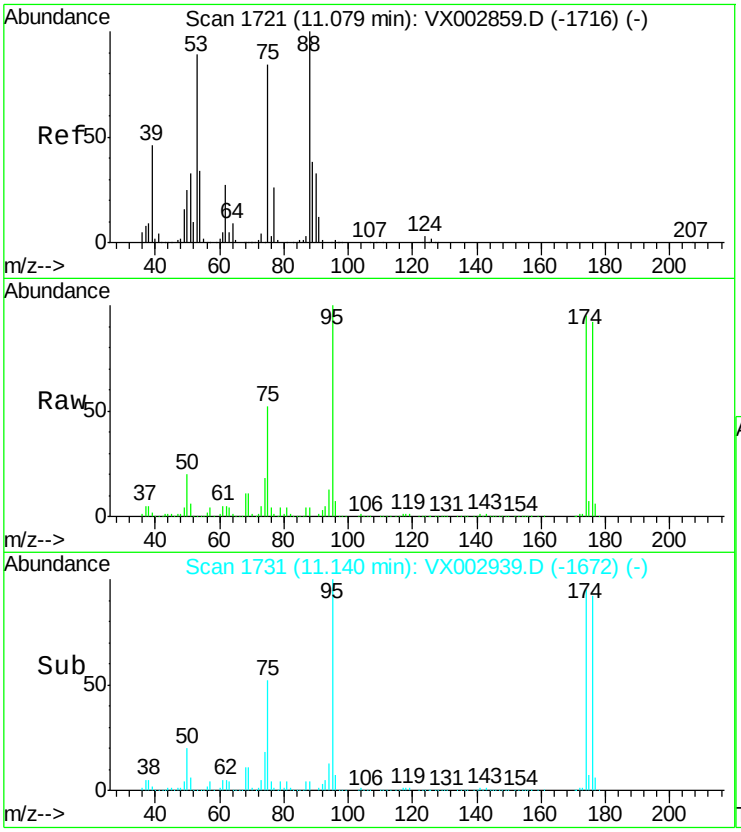


#76
1,2,3-Trichloropropane
Concen: 26.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion: 75 Resp: 98610

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



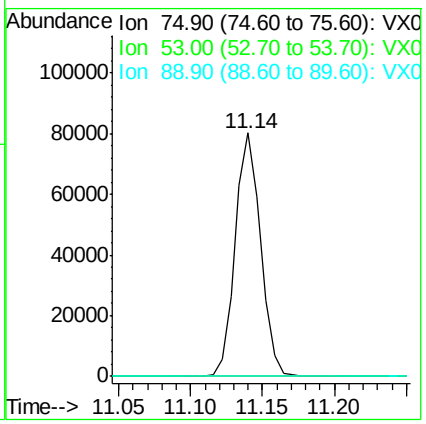


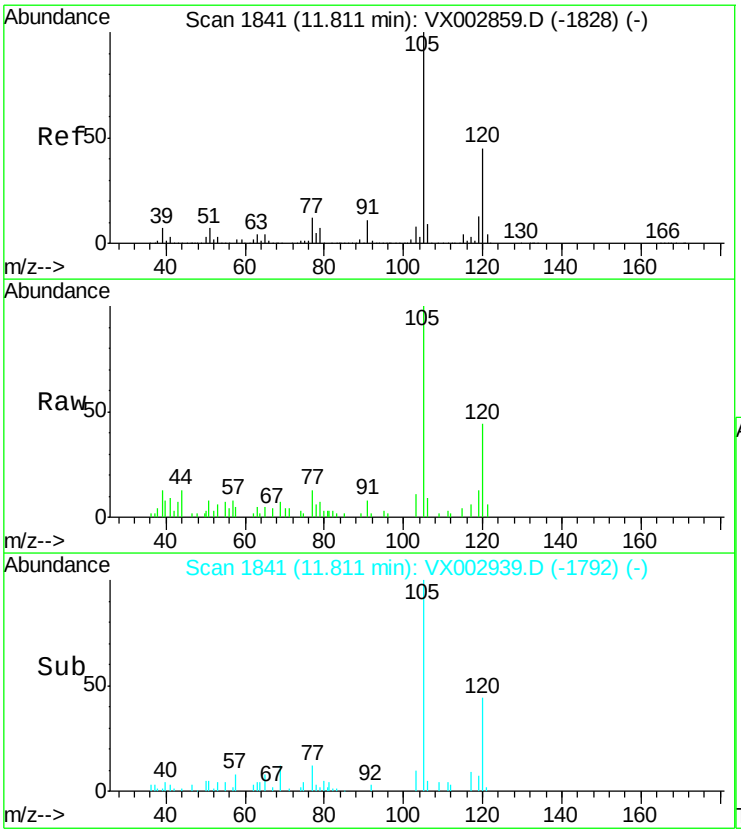
#81
trans-1,4-Dichloro-2-butene
Concen: 76.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 98610

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.0	38.2	57.2#

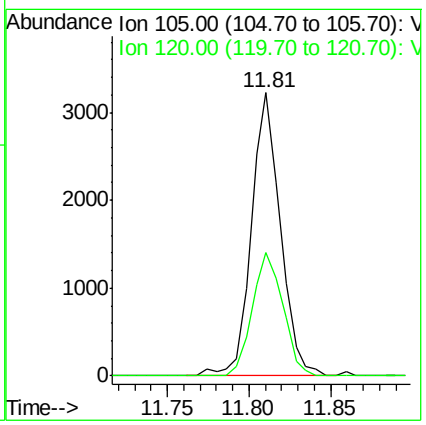


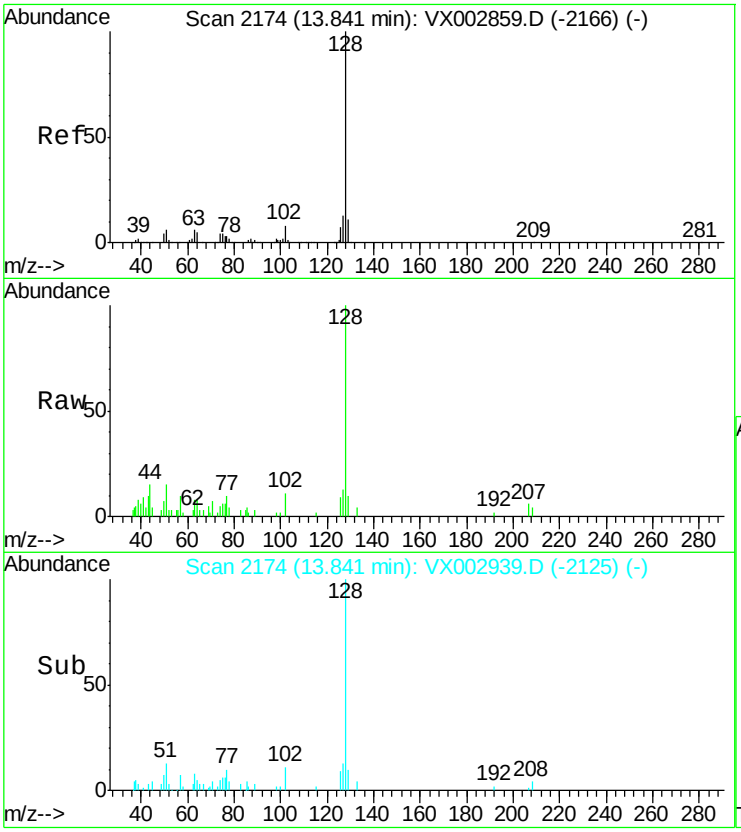


#84
1,2,4-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Tgt Ion:105 Resp: 4000

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.8





#95
Naphthalene
Concen: 0.22 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002939.D
Acq: 27 Jun 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3113

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	12.2	8.6	13.0