Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005384.D
Acq On : 17 Oct 2018 10:51
Operator : JC/MD
Sample : J5538-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TKABCD

Quant Time: Oct 17 16:39:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	271692	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	392036	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	355139	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179224	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	163873	54.35	ug/l		-0.01
Spiked Amount 50.000			Recovery = 108.70%				
35) Dibromofluoromethane	5.50	113	125459	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
50) Toluene-d8	8.72	98	471711	52.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.84%				
62) 4-Bromofluorobenzene	11.14	95	159224	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.10%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1183	0.38	ug/l		94
5) Bromomethane	1.65	94	606	0.92	ug/l		84
6) Chloroethane	1.72	64	285	0.47	ug/l	#	44
10) Methyl Iodide	2.52	142	763	2.76	ug/l		92
11) Tert butyl alcohol	3.01	59	2407	2.83	ug/l	#	72
13) Acrolein	2.29	56	346	Below Cal		#	20
14) Allyl chloride	2.71	41	2464	0.47	ug/l	#	46
15) Acrylonitrile	3.15	53	761	0.39	ug/l		86
16) Acetone	2.45	43	14817	8.50	ug/l		97
17) Carbon Disulfide	2.57	76	2026	0.28	ug/l	#	89
18) Methyl Acetate	2.61	43	14863	3.00	ug/l	#	51
20) Methylene Chloride	2.85	84	558	Below Cal		#	85
25) 2-Butanone	4.71	43	3300	1.29	ug/l		99
29) Tetrahydrofuran	5.15	42	977	0.60	ug/l	#	25
31) Cyclohexane	5.66	56	4895	1.18	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17981	4.74	ug/l	#	49
37) Ethyl Acetate	4.86	43	1996	0.41	ug/l	#	87
38) Carbon Tetrachloride	5.67	117	24439	6.41	ug/l	#	16
44) Trichloroethene	7.22	130	205	Below Cal			86
51) 4-Methyl-2-Pentanone	8.65	43	1089	0.24	ug/l		99
59) 2-Hexanone	9.50	43	804	0.22	ug/l		98
67) Ethyl Benzene	10.25	91	5200	0.42	ug/l		94
68) m/p-Xylenes	10.36	106	7876	1.65	ug/l		97
69) o-Xylene	10.70	106	5772	1.26	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	77111	22.18	ug/l	#	37
78) n-propylbenzene	11.36	91	3221	0.26	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	3237	0.35	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	2380	2.08	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.80	105	9640	1.03	ug/l		98
95) Naphthalene	13.83	128	5186	0.42	ug/l		94

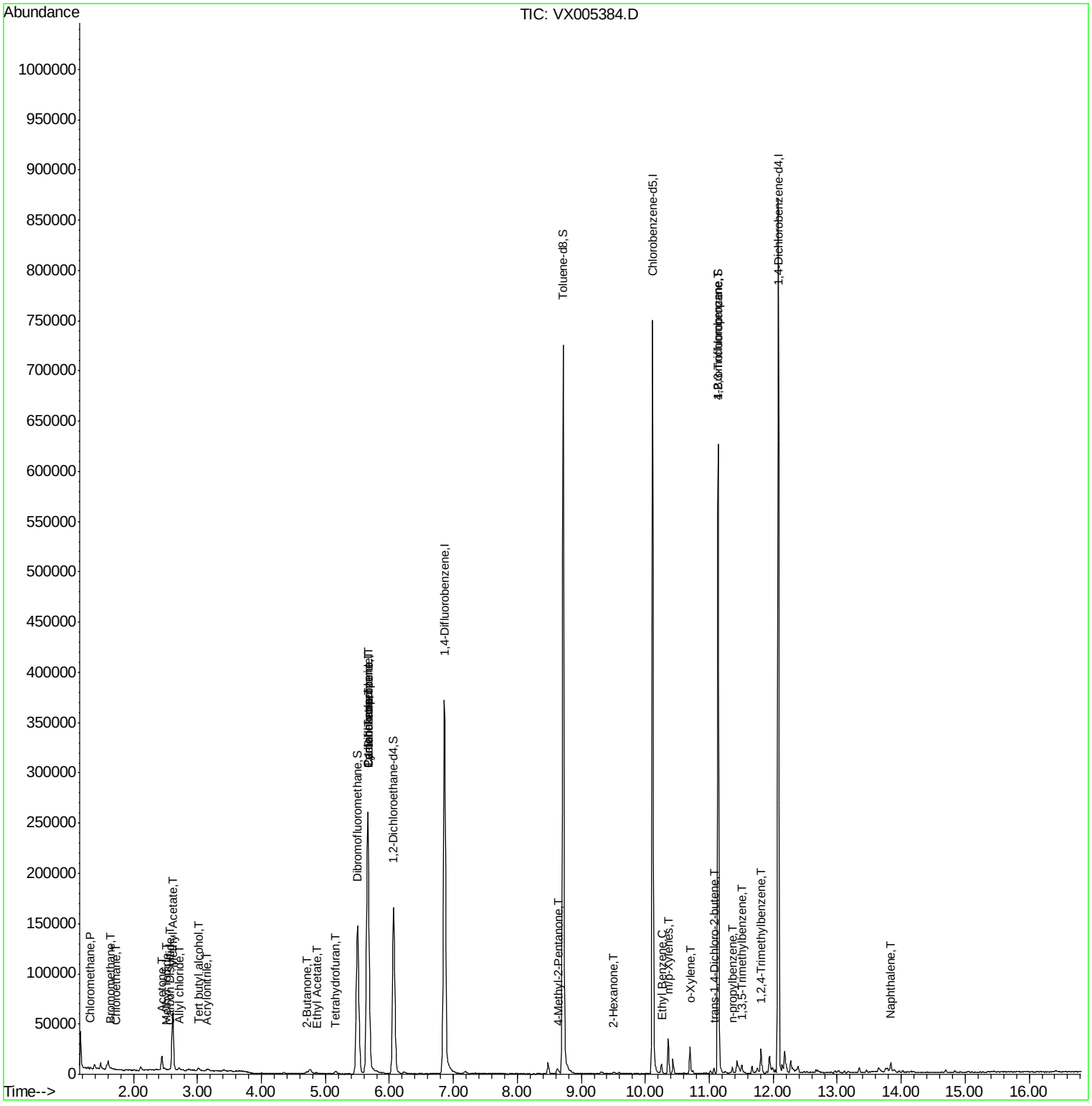
(#) = qualifier out of range (m) = manual integration (+) = signals summed

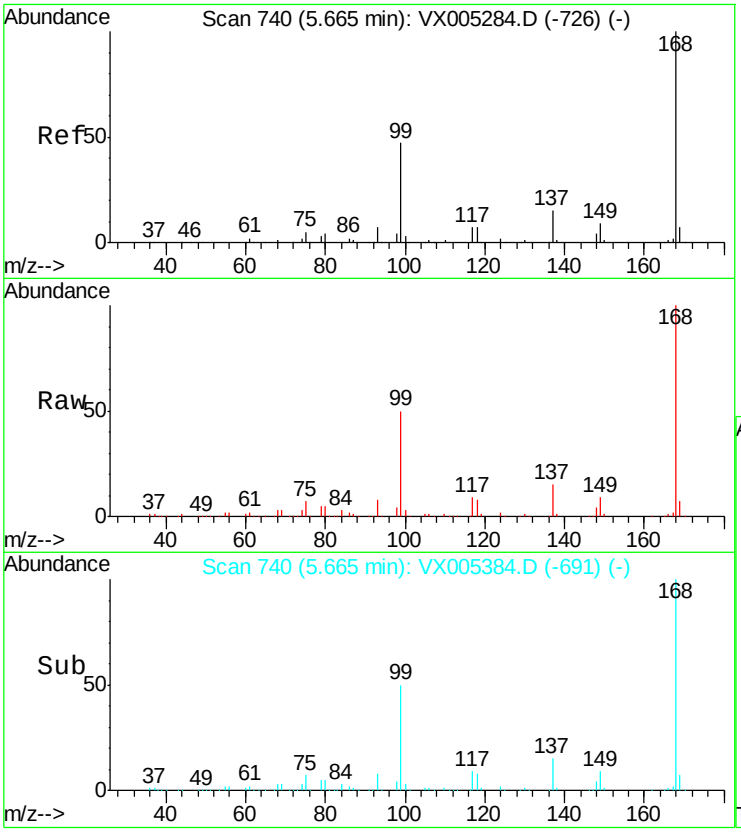
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005384.D
Acq On : 17 Oct 2018 10:51
Operator : JC/MD
Sample : J5538-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Quant Time: Oct 17 16:39:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



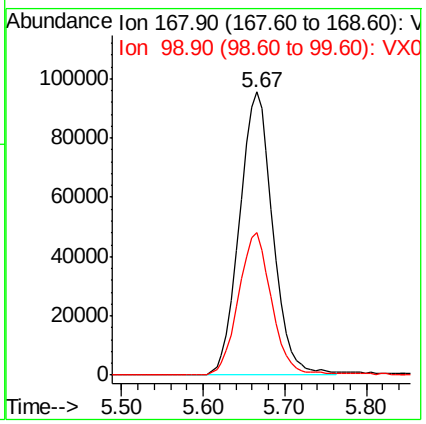


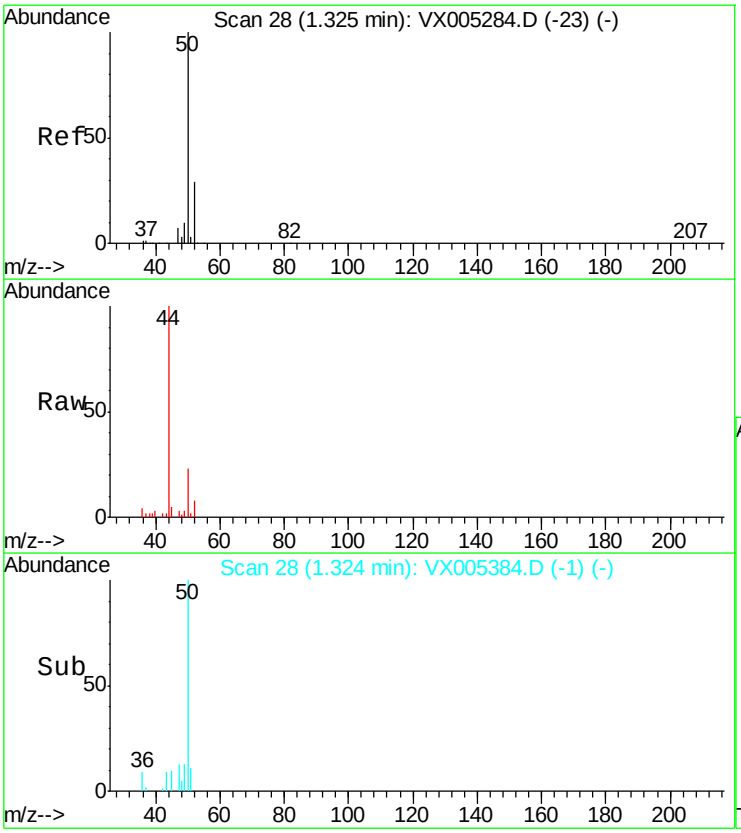
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:168 Resp: 271692

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.9	59.9

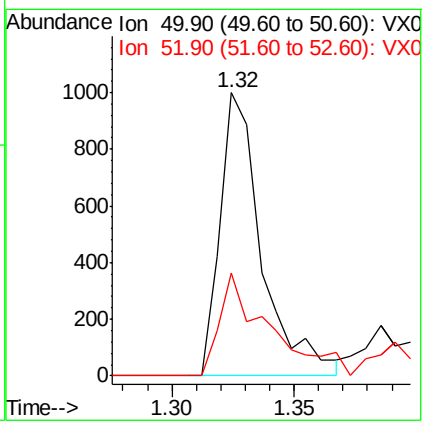


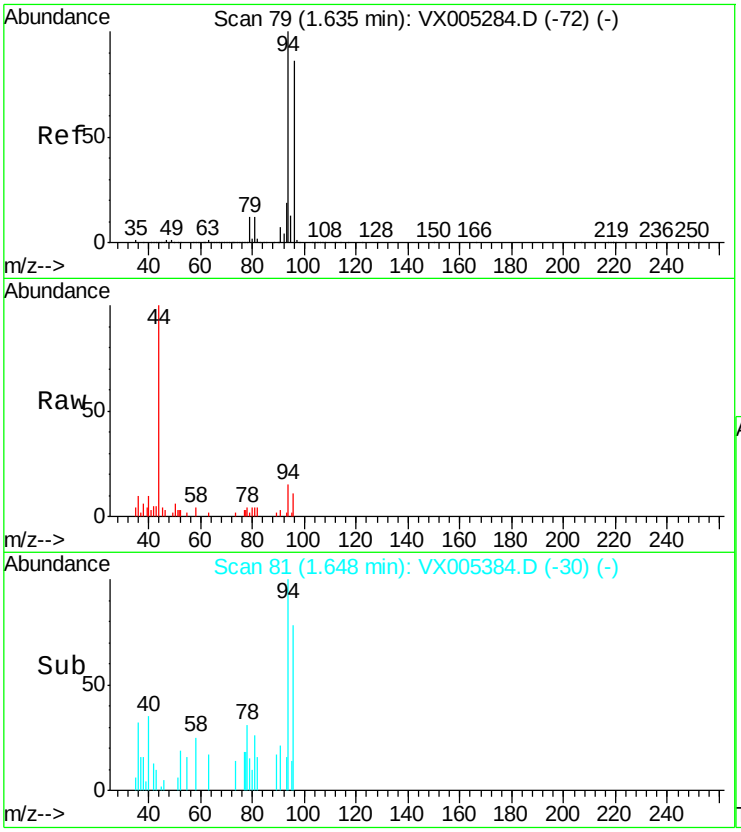


#3
Chloromethane
Concen: 0.38 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 50 Resp: 1183

Ion	Ratio	Lower	Upper
50	100		
52	36.2	26.2	39.2



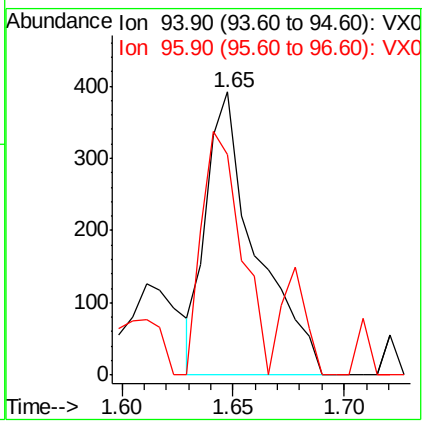


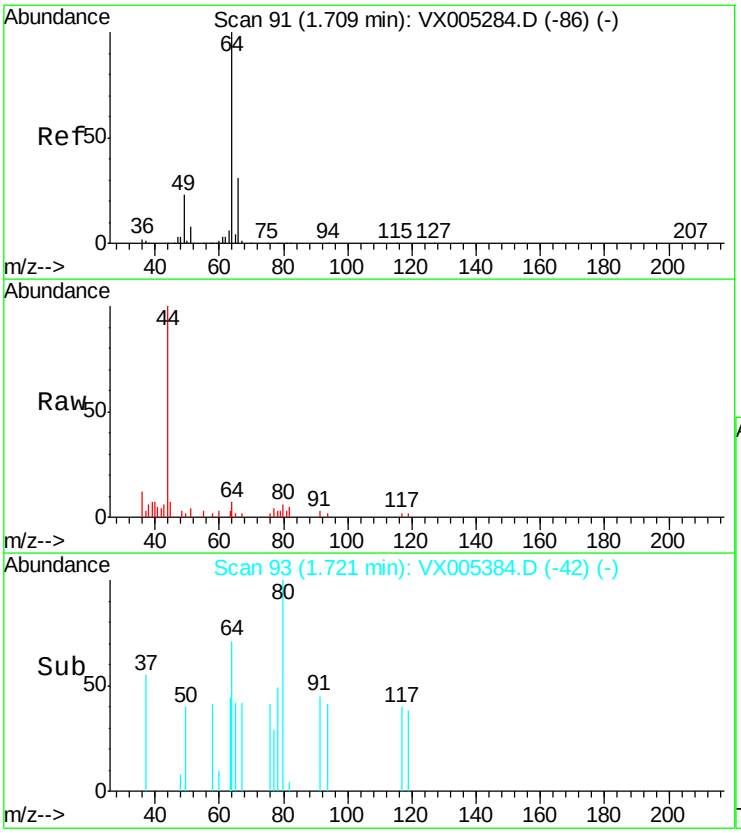
#5
Bromomethane
Concen: 0.92 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 94 Resp: 606

Ion	Ratio	Lower	Upper
94	100		
96	78.1	74.5	111.7

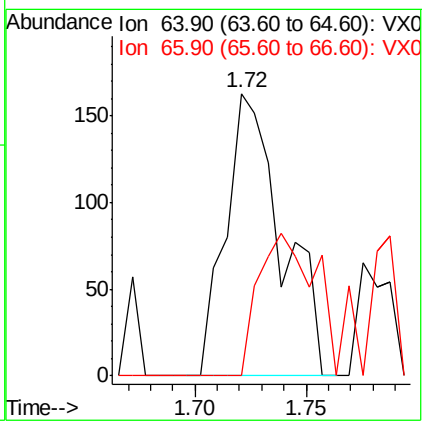


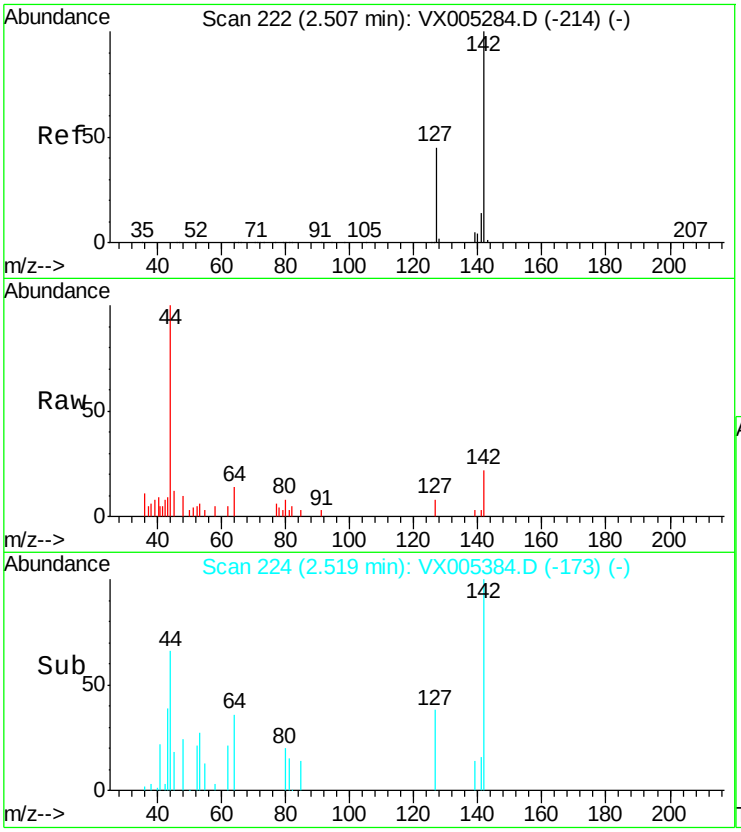


#6
Chloroethane
Concen: 0.47 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 64 Resp: 285

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



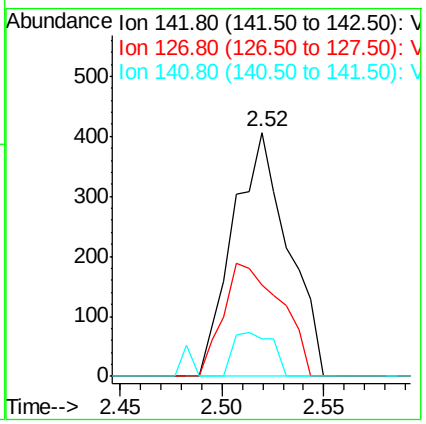


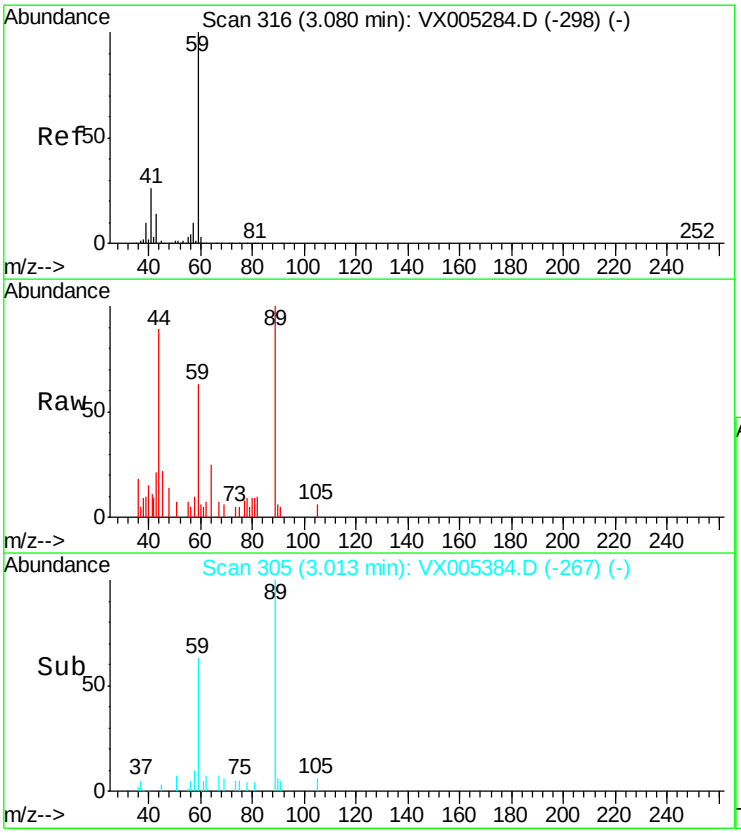
#10
Methyl Iodide
Concen: 2.76 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:142 Resp: 763

Ion	Ratio	Lower	Upper
142	100		
127	48.6	33.8	50.6
141	12.8	11.4	17.0

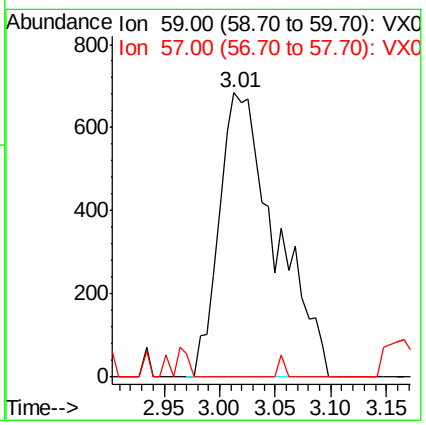


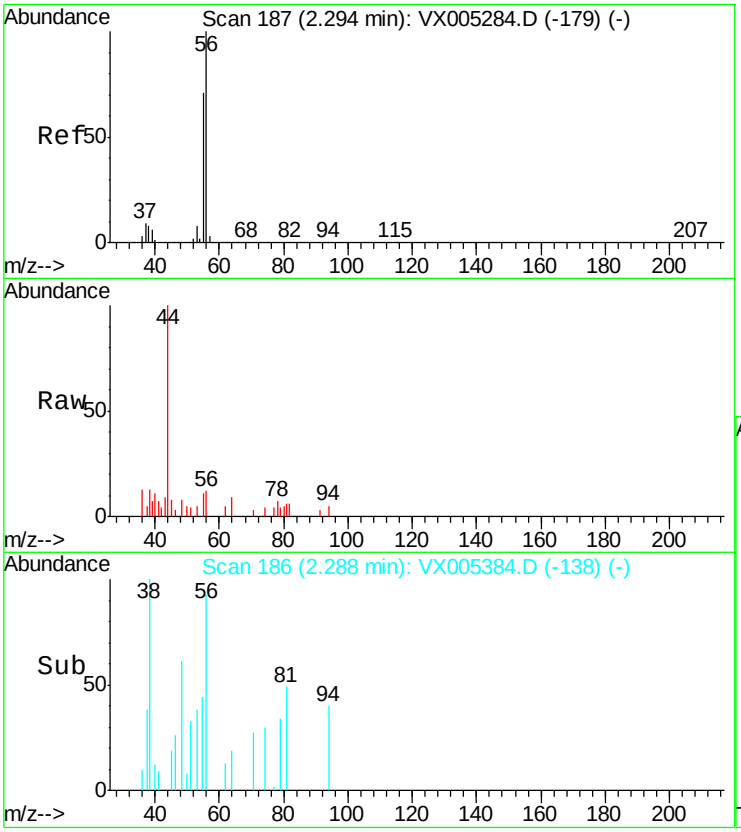


#11
Tert butyl alcohol
Concen: 2.83 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 59 Resp: 2407

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



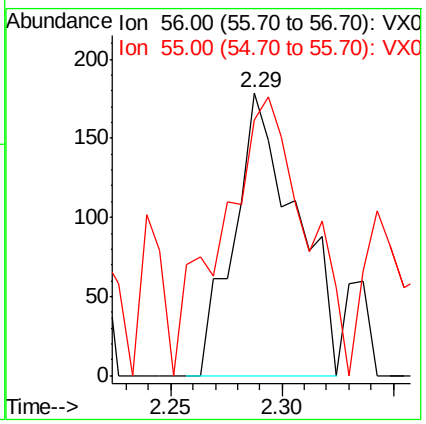


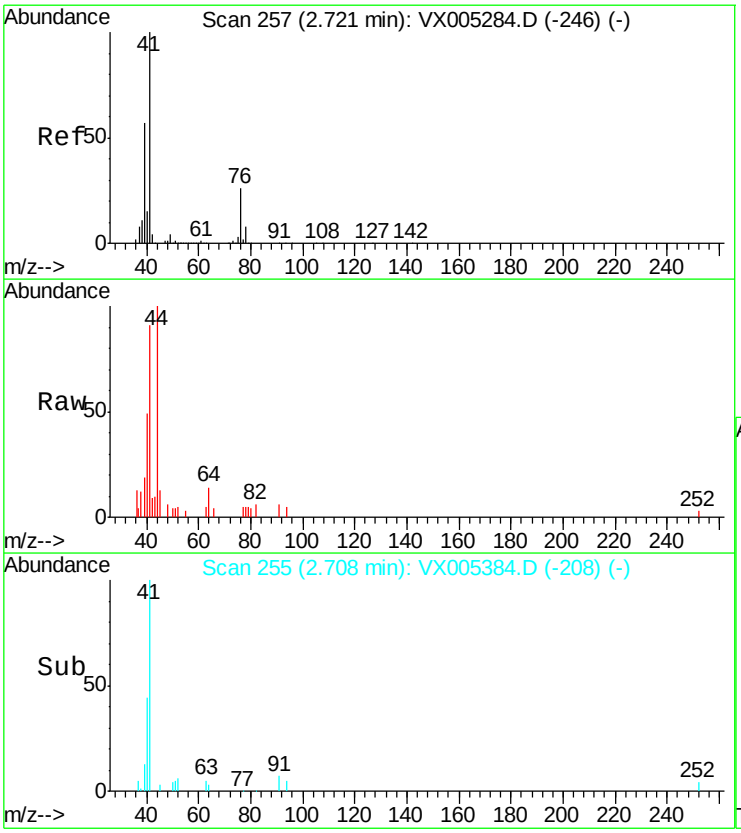
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 56 Resp: 346

Ion	Ratio	Lower	Upper
56	100		
55	132.9	54.7	82.1#

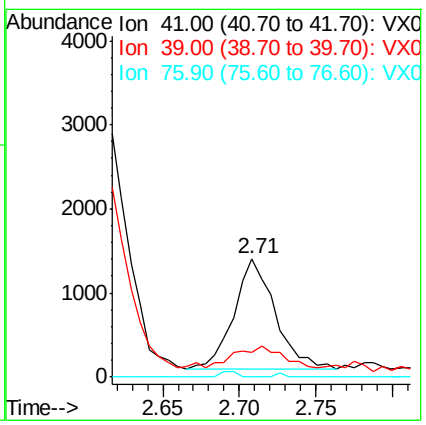


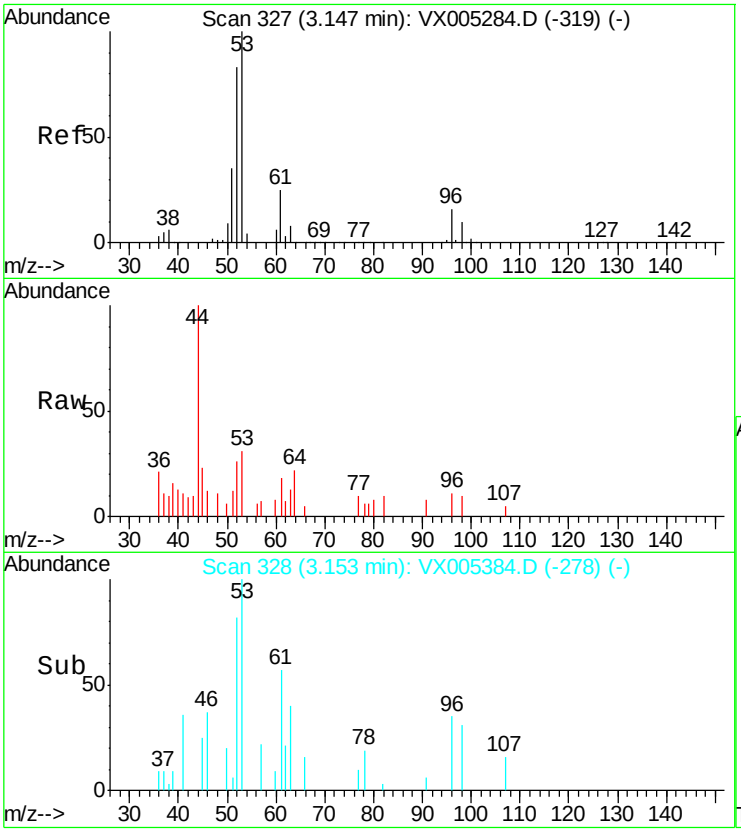


#14
Allyl chloride
Concen: 0.47 ug/l
RT: 2.71 min Scan# 255
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 41 Resp: 2464

Ion	Ratio	Lower	Upper
41	100		
39	22.2	48.9	73.3#
76	0.0	26.7	40.1#



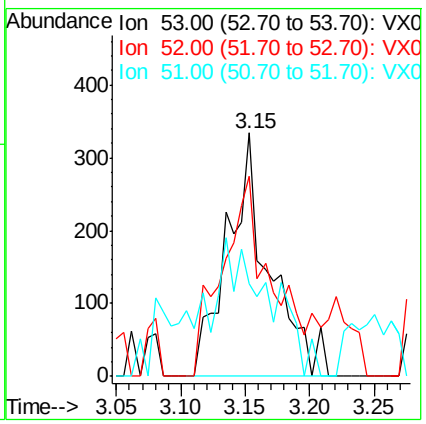


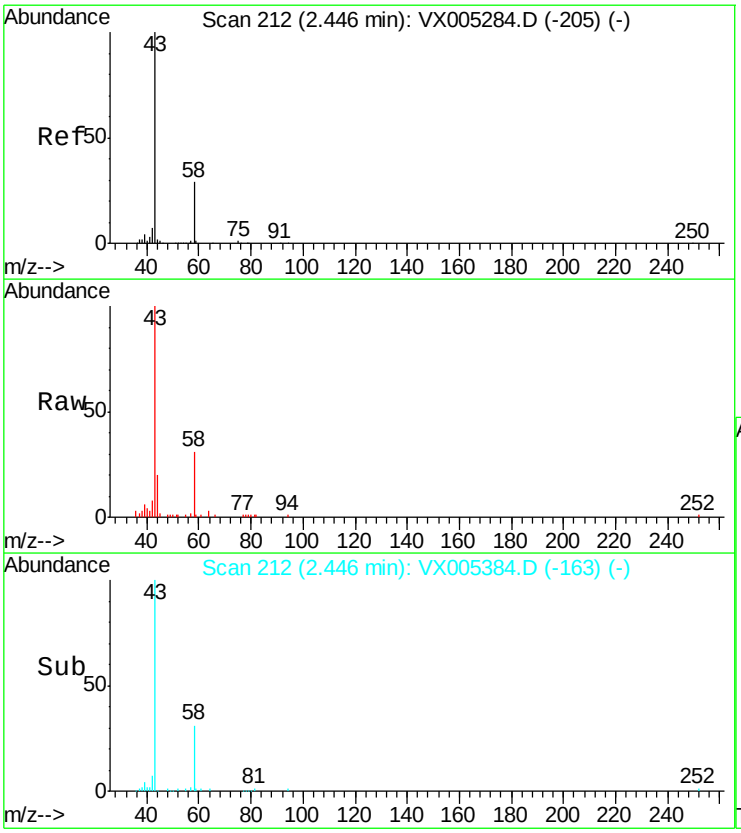
#15
Acrylonitrile
Concen: 0.39 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 53 Resp: 761

Ion	Ratio	Lower	Upper
53	100		
52	95.4	65.2	97.8
51	29.2	28.2	42.2

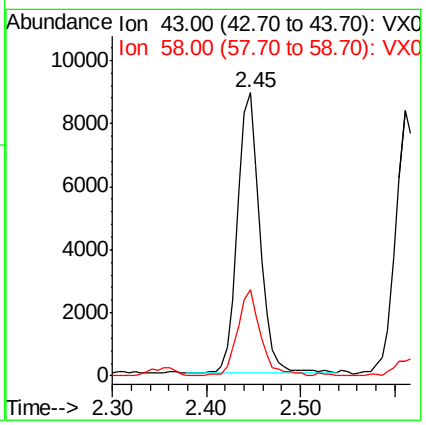


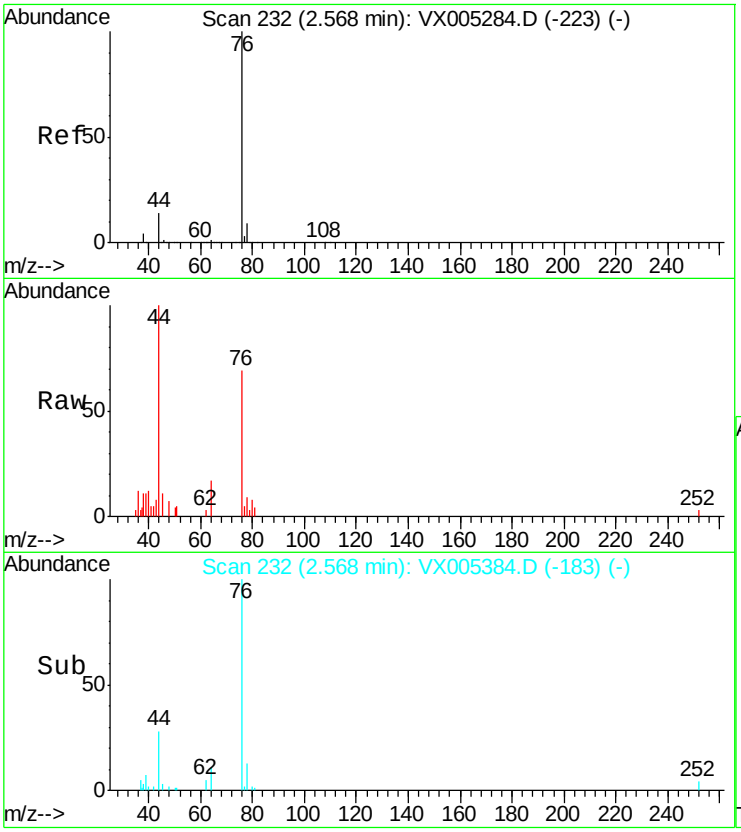


#16
Acetone
Concen: 8.50 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 43 Resp: 14817

Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.2	39.4



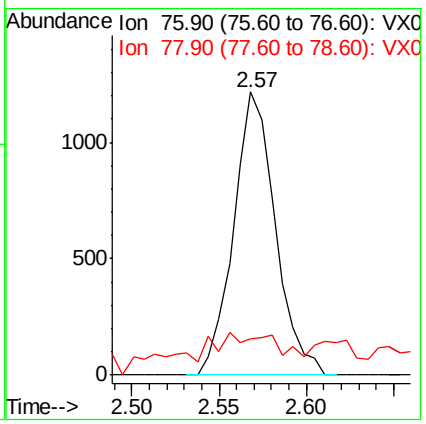


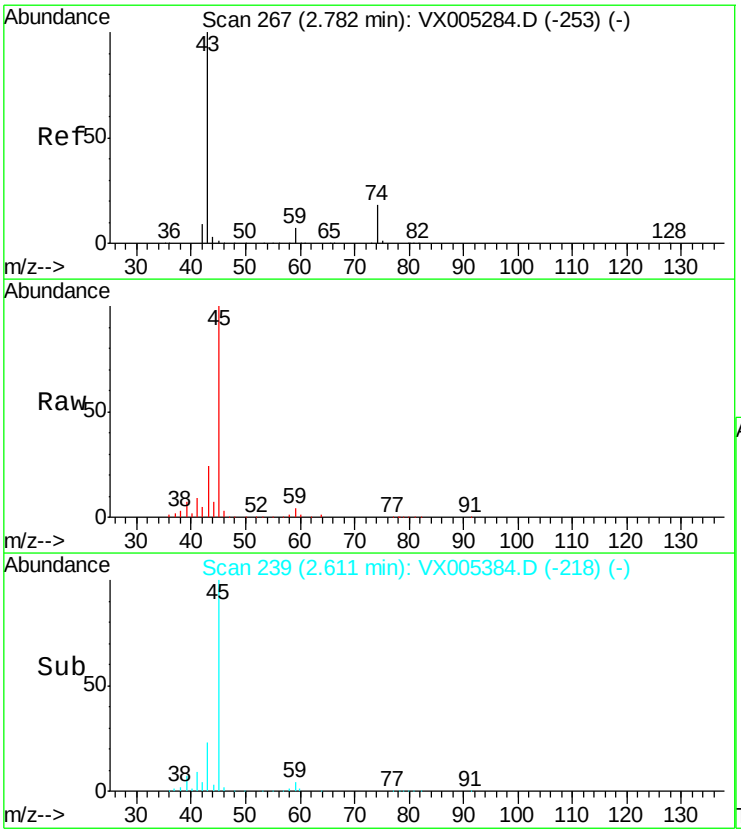
#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 76 Resp: 2026

Ion	Ratio	Lower	Upper
76	100		
78	4.8	7.0	10.6#

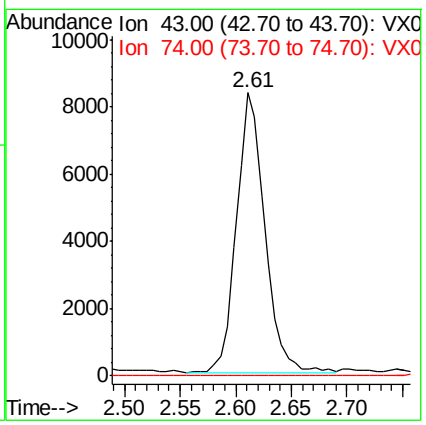


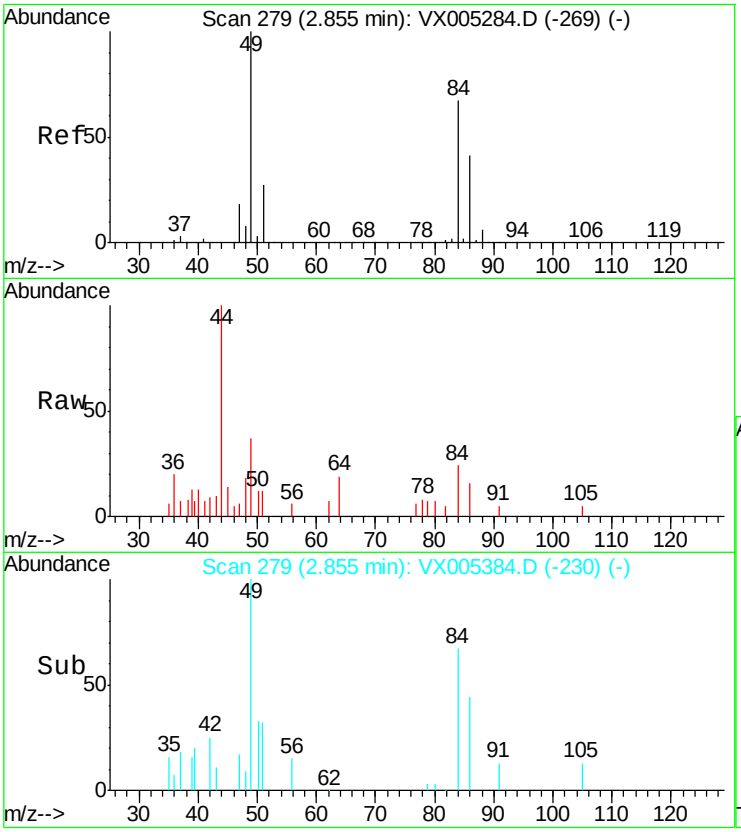


#18
Methyl Acetate
Concen: 3.00 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.17 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 43 Resp: 14863

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



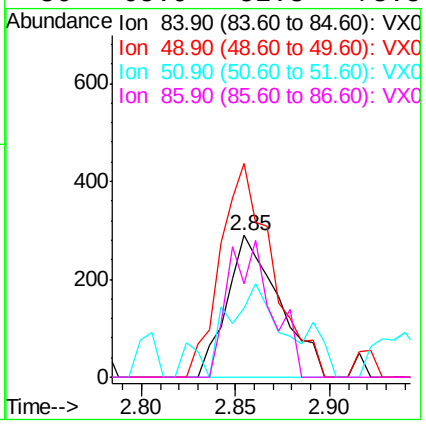


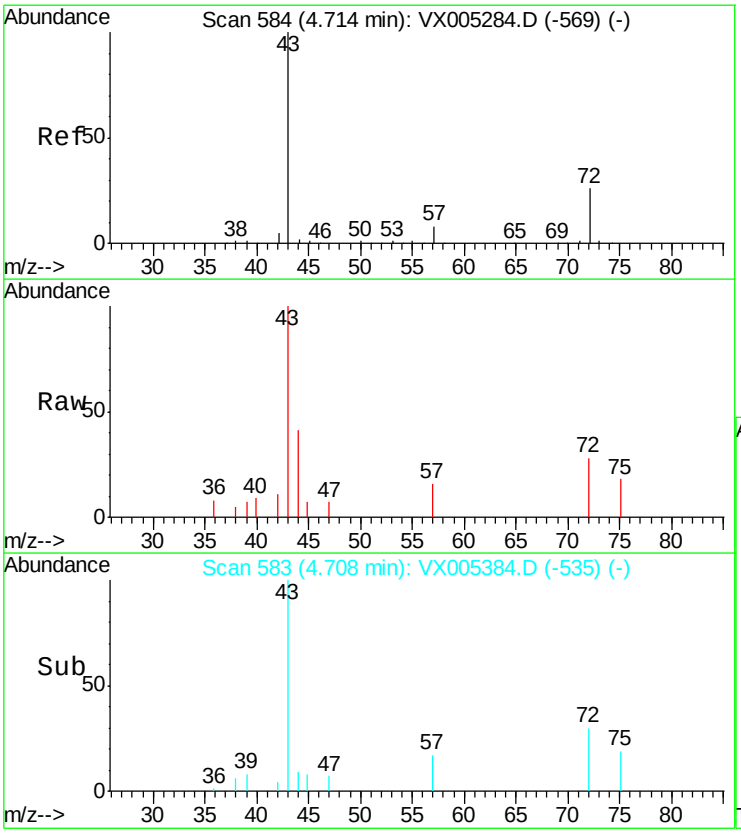
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 84 Resp: 558

Ion	Ratio	Lower	Upper
84	100		
49	150.3	101.2	151.8
51	48.3	29.5	44.3#
86	65.9	52.3	78.5

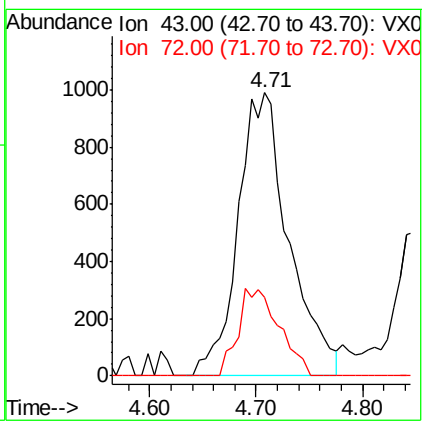


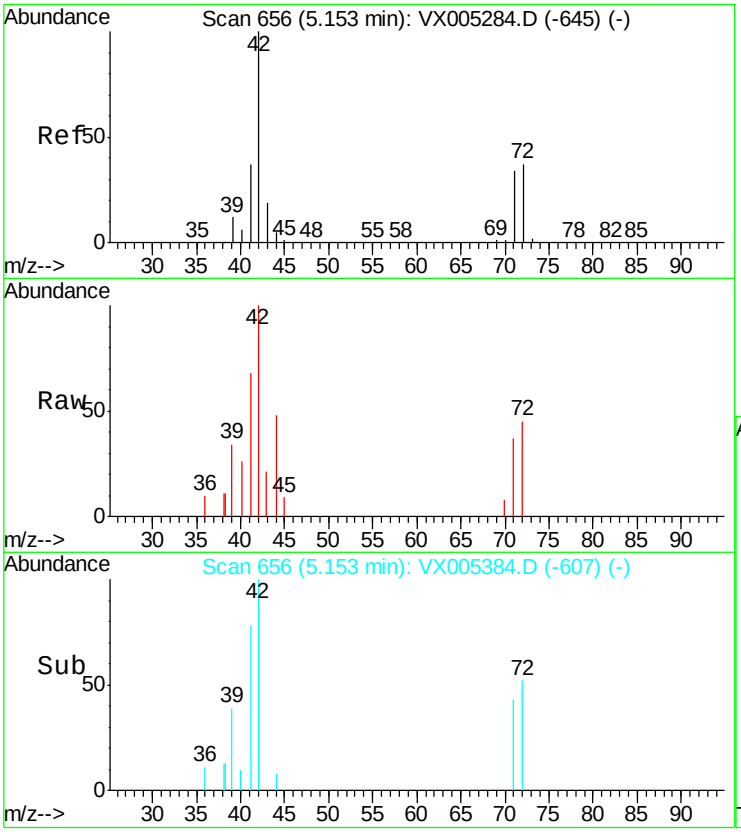


#25
2-Butanone
Concen: 1.29 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 43 Resp: 3300

Ion	Ratio	Lower	Upper
43	100		
72	27.9	22.0	33.0



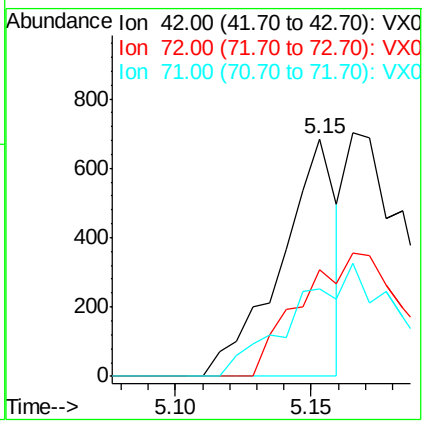


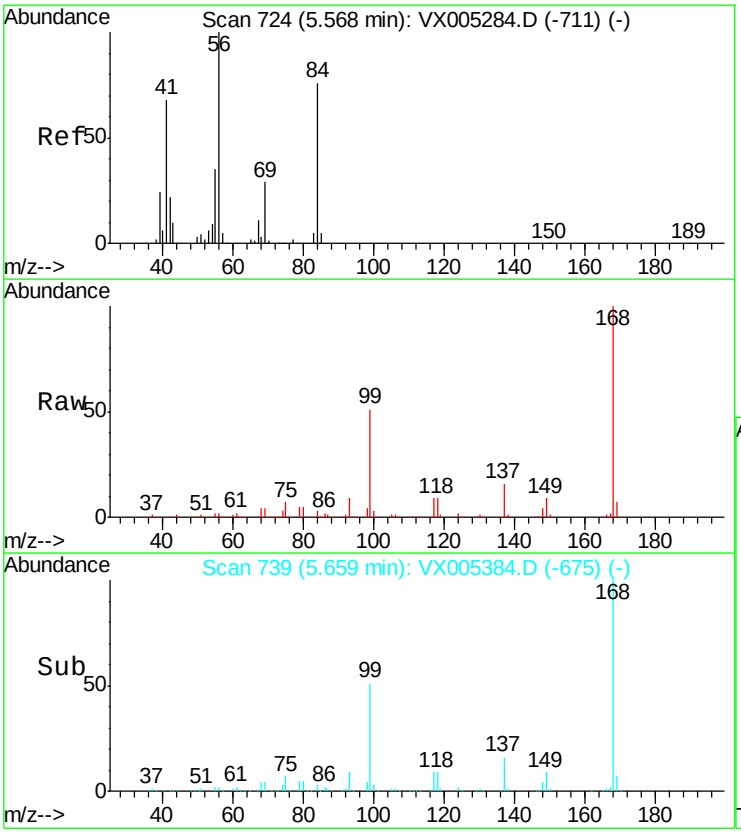
#29
Tetrahydrofuran
Concen: 0.60 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument : MSVOA_X
ClientSampleId : TKABCD

Tgt Ion: 42 Resp: 977

Ion	Ratio	Lower	Upper
42	100		
72	95.8	37.4	56.0#
71	91.5	34.5	51.7#

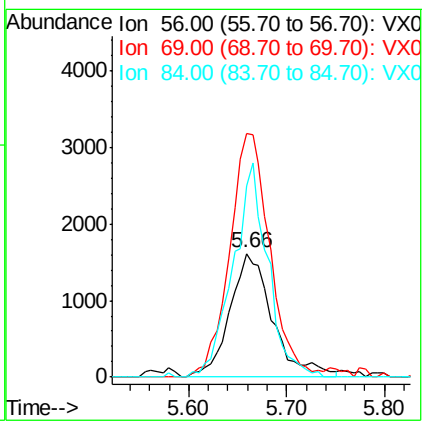


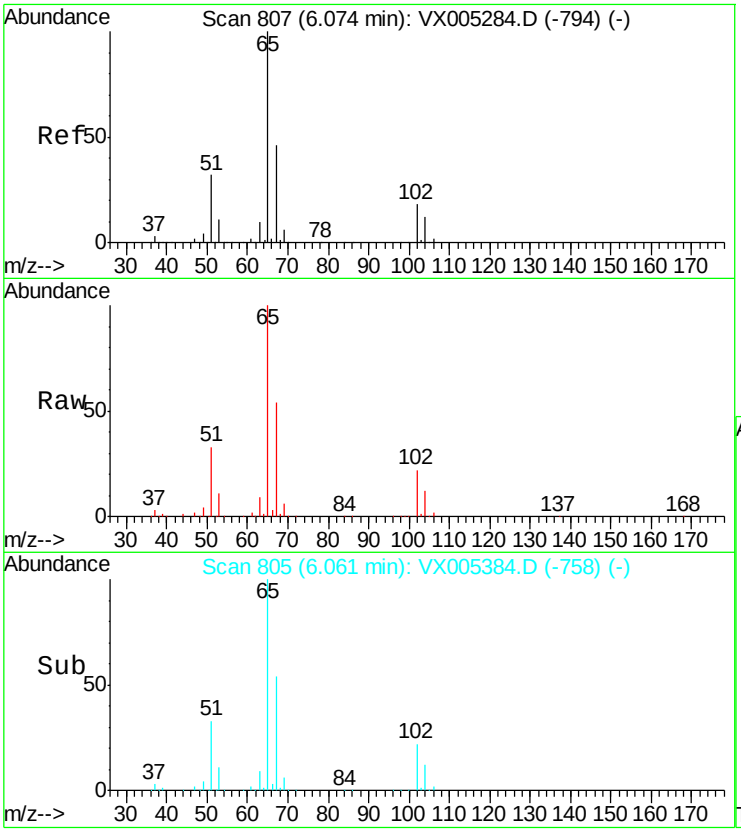


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 56 Resp: 4895

Ion	Ratio	Lower	Upper
56	100		
69	197.3	25.4	38.2#
84	155.3	71.4	107.2#



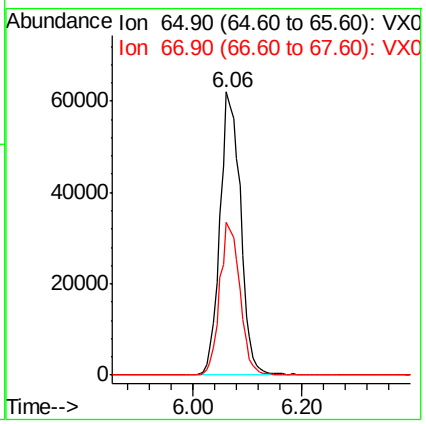


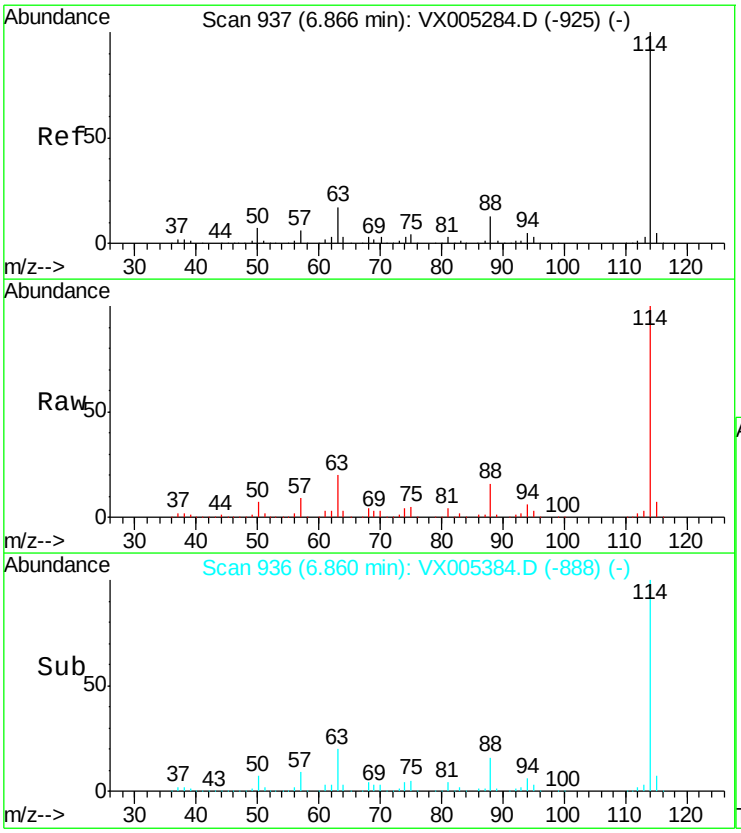
#33
1,2-Dichloroethane-d4
Concen: 54.35 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 65 Resp: 163873

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.8

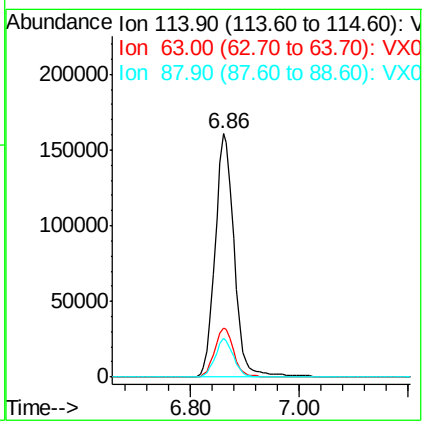


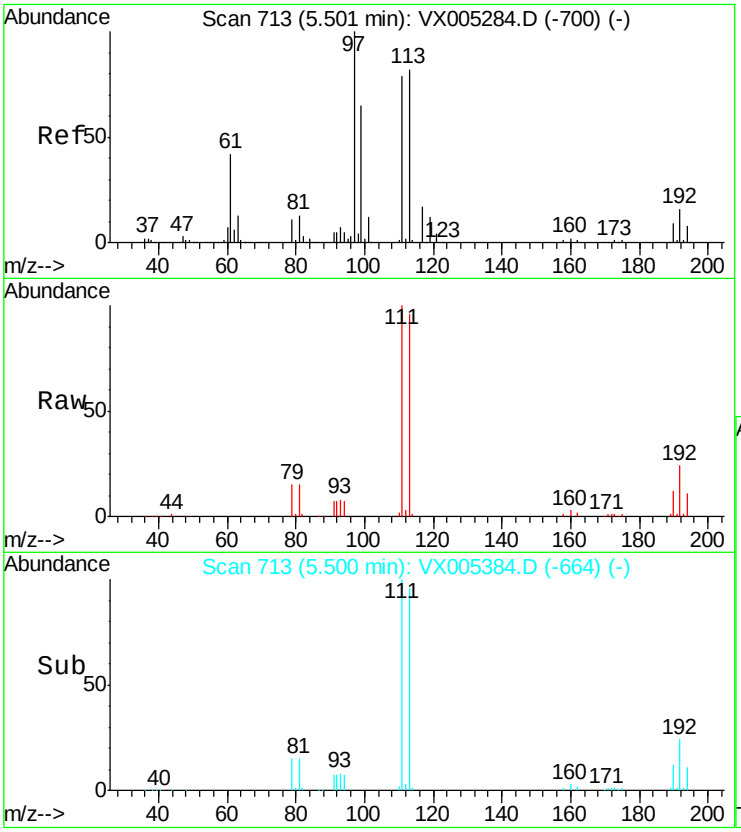


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion:114 Resp: 392036

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	15.9	0.0	30.4



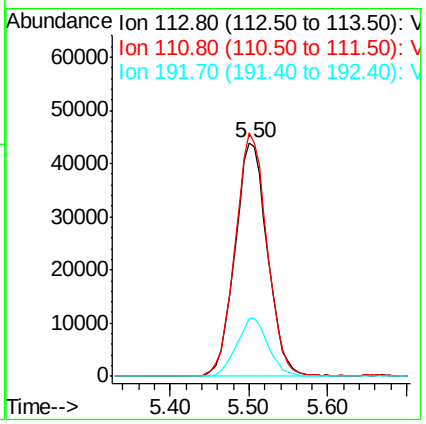


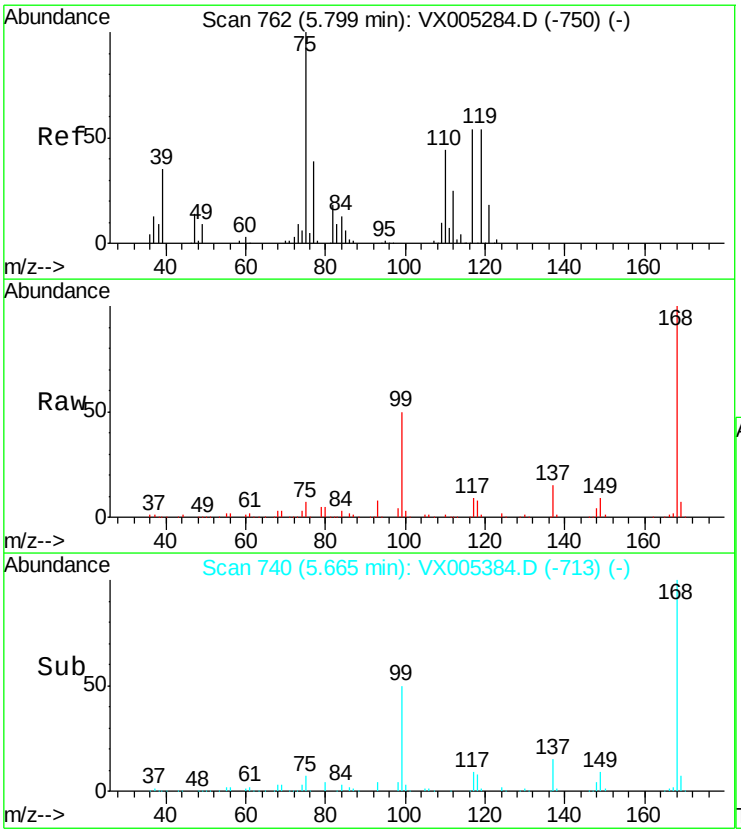
#35
Dibromofluoromethane
Concen: 48.32 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:113 Resp: 125459

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	24.2	19.4	29.2

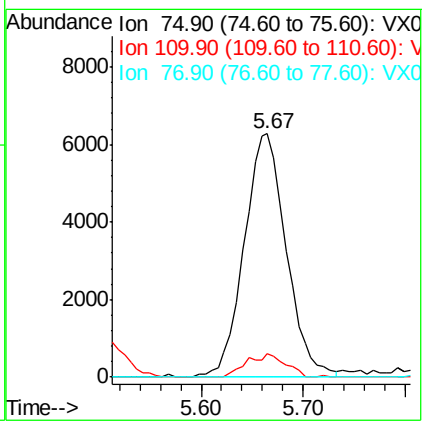


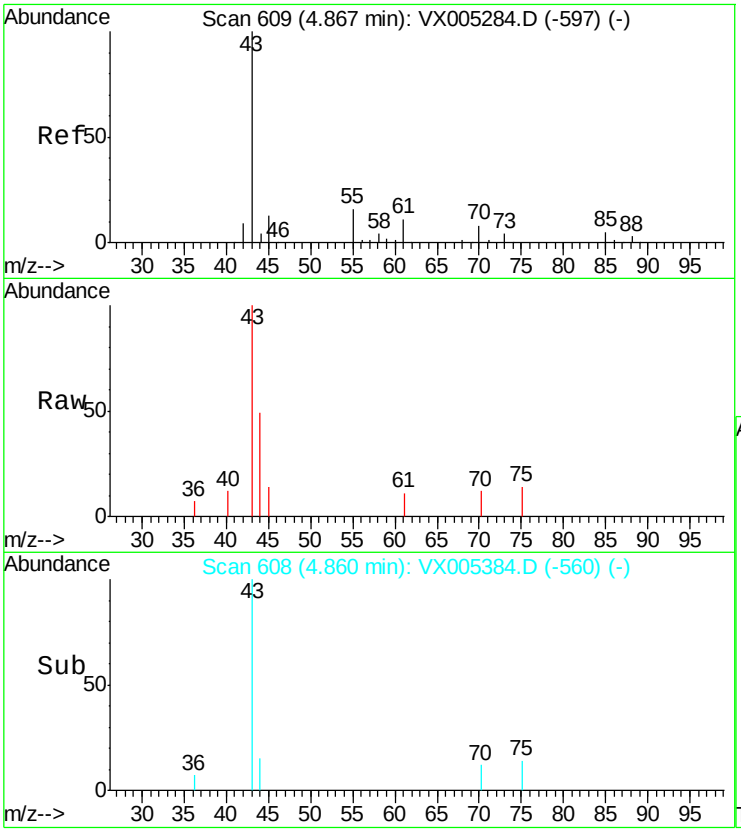


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 75 Resp: 17981

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.0	54.0#
77	0.0	24.6	36.8#



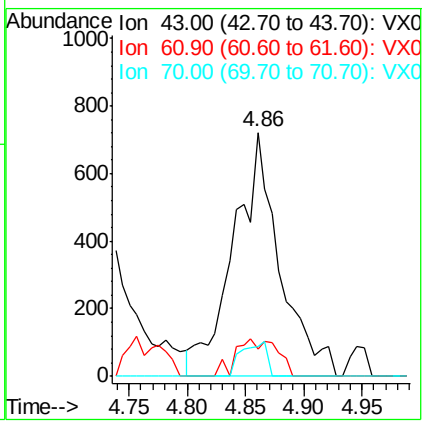


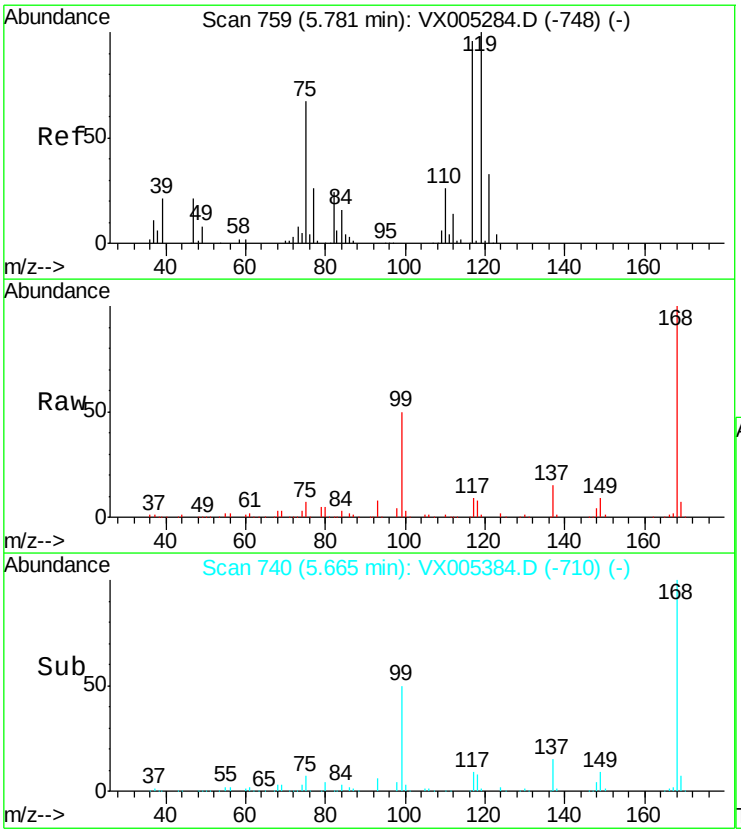
#37
Ethyl Acetate
Concen: 0.41 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 43 Resp: 1996

Ion	Ratio	Lower	Upper
43	100		
61	7.7	11.5	17.3#
70	7.7	9.0	13.6#

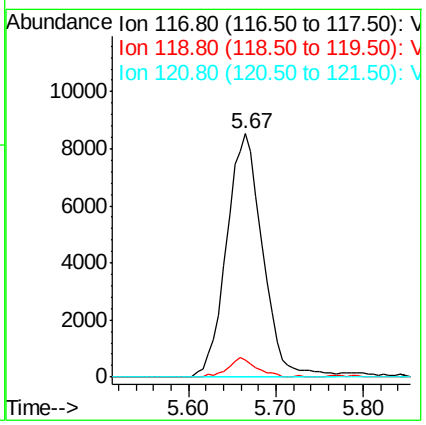


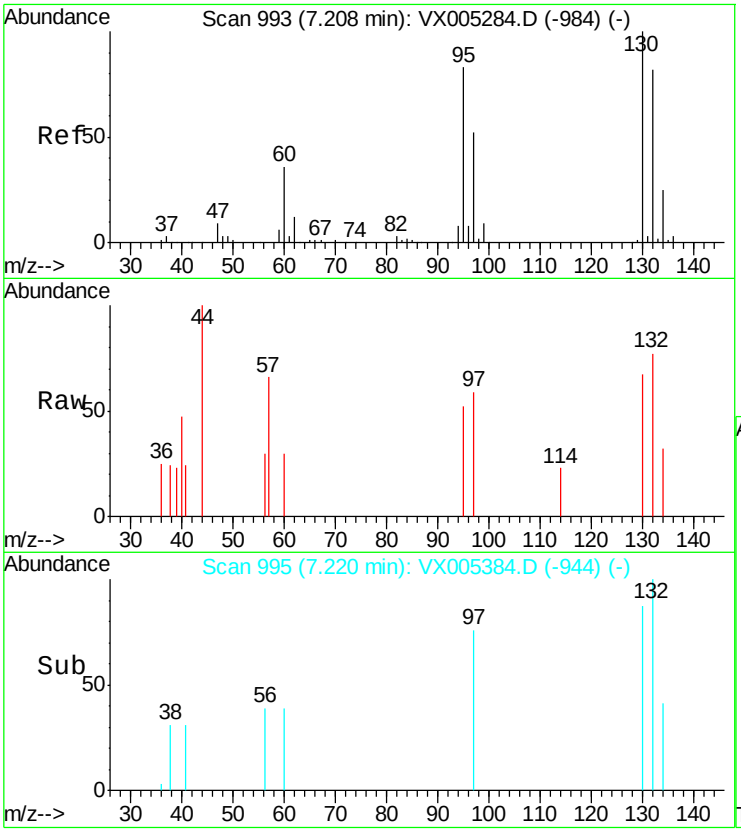


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion:117 Resp: 24439

Ion	Ratio	Lower	Upper
117	100		
119	6.9	78.8	118.2#
121	0.0	24.9	37.3#



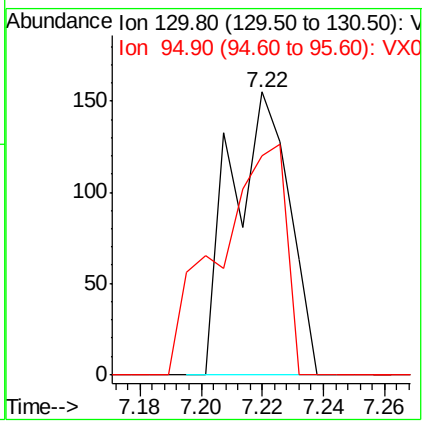


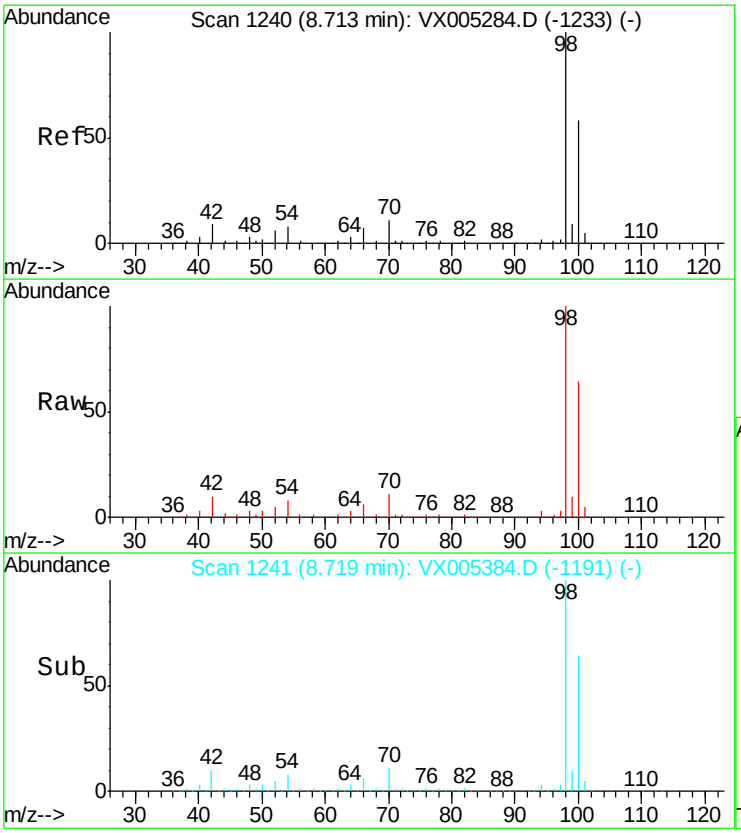
#44
Trichloroethene
Concen: Below Cal
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:130 Resp: 205

Ion	Ratio	Lower	Upper
130	100		
95	77.4	0.0	181.6

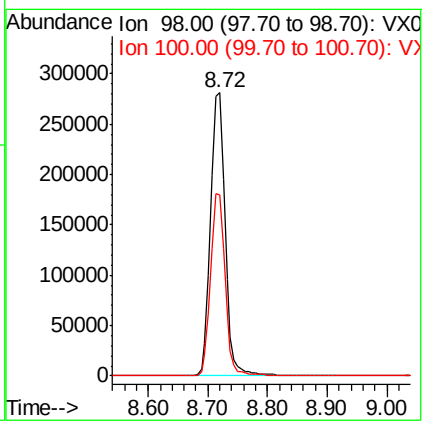


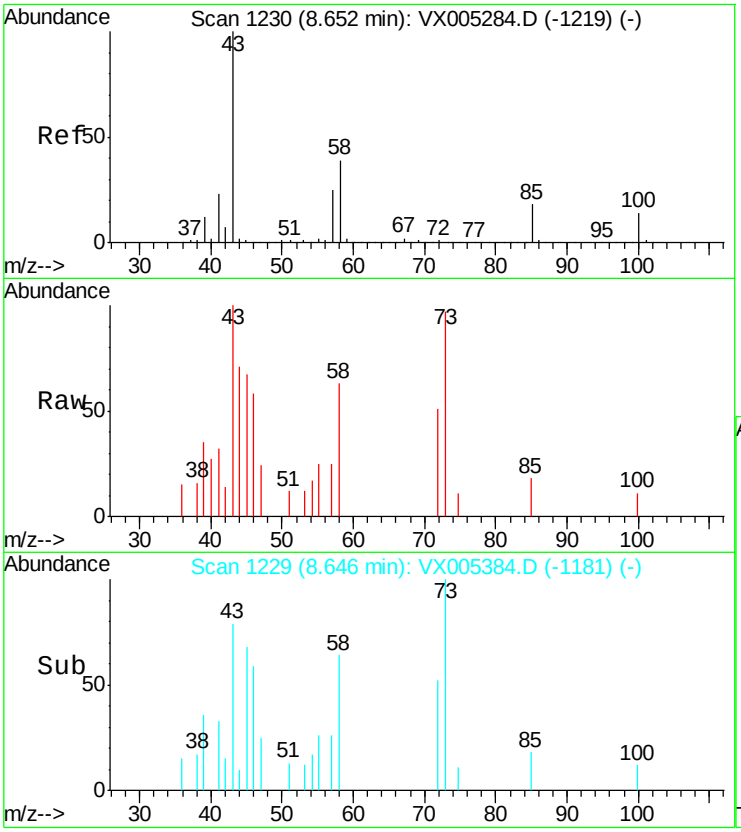


#50
Toluene-d8
Concen: 52.92 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 98 Resp: 471711

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3



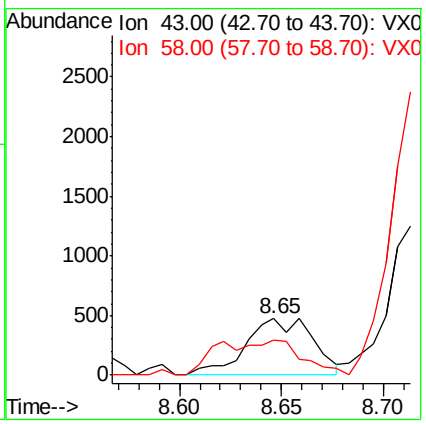


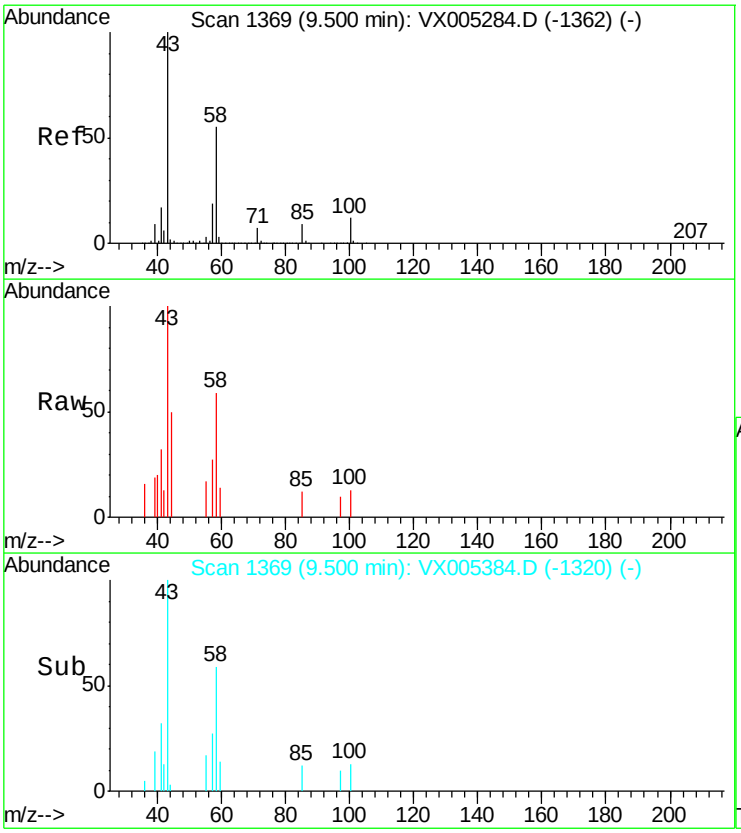
#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 43 Resp: 1089

Ion	Ratio	Lower	Upper
43	100		
58	41.0	33.1	49.7

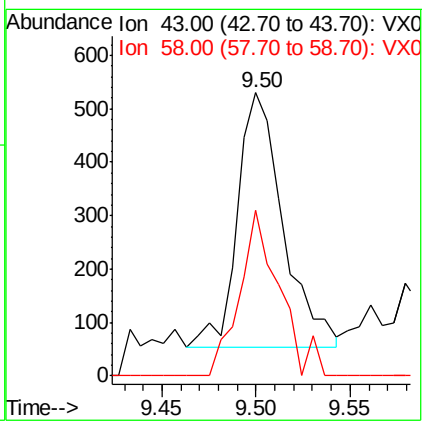


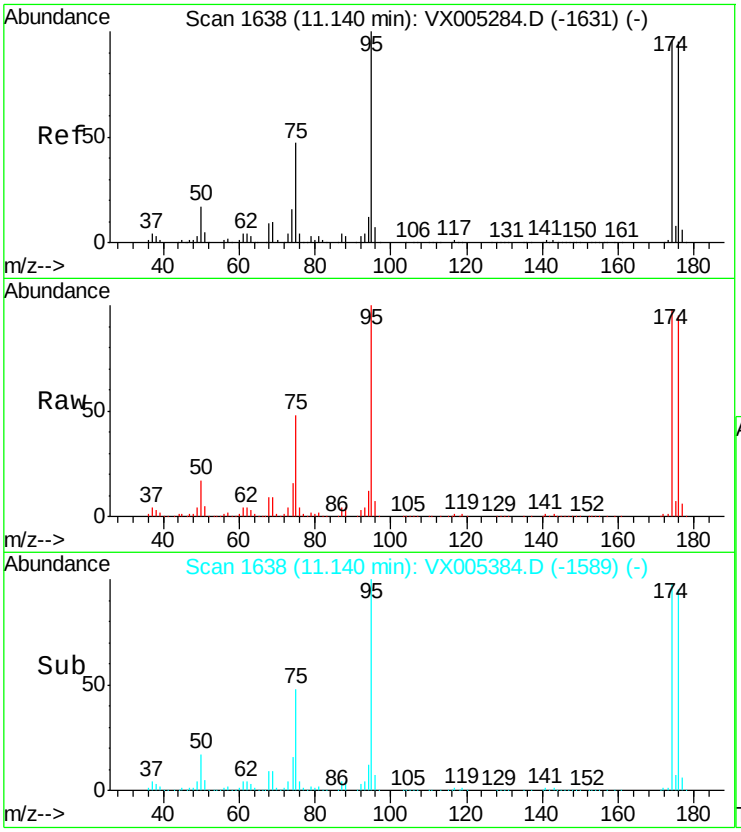


#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 43 Resp: 804

Ion	Ratio	Lower	Upper
43	100		
58	56.2	29.0	87.0



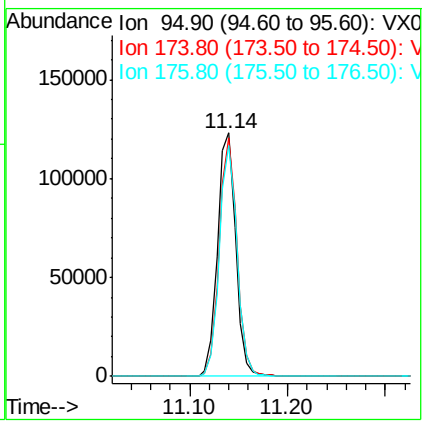


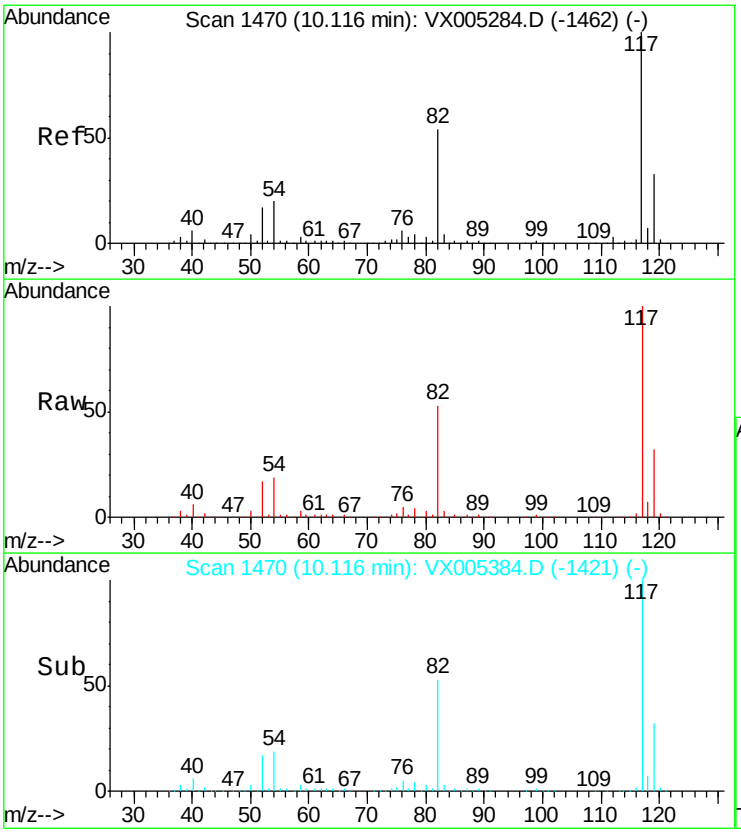
#62
4-Bromofluorobenzene
Concen: 47.55 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 95 Resp: 159224

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	185.2
176	92.4	0.0	178.6

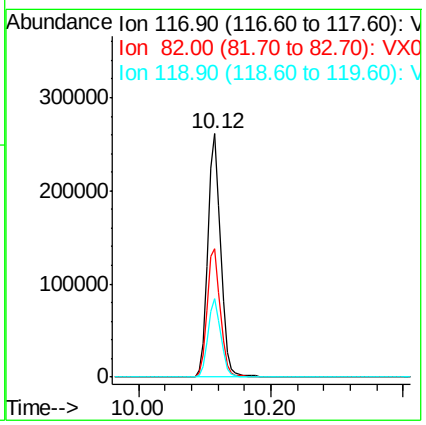


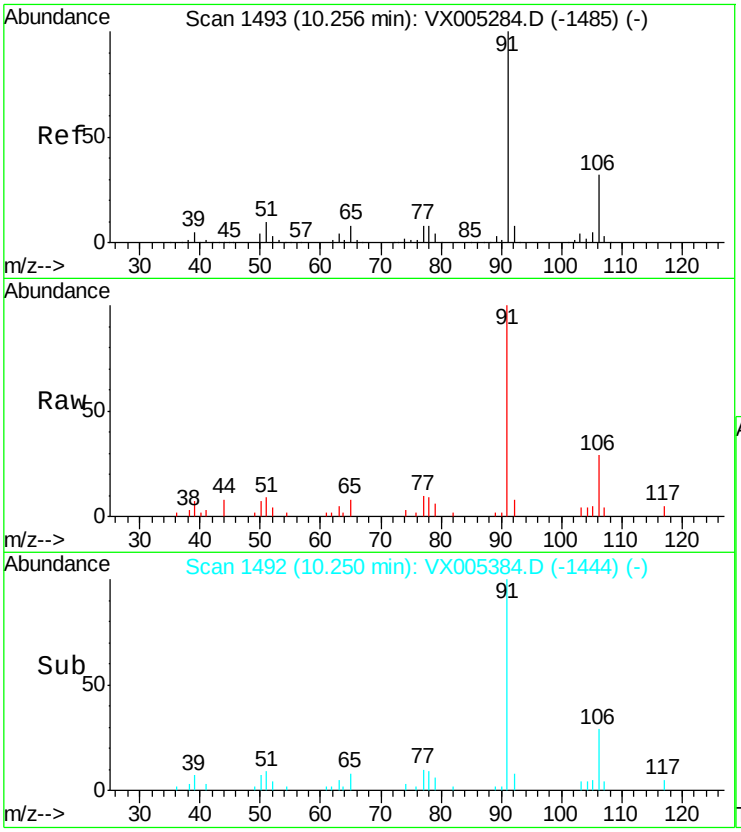


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion:117 Resp: 355139

Ion	Ratio	Lower	Upper
117	100		
82	52.9	47.8	71.6
119	32.1	29.3	43.9



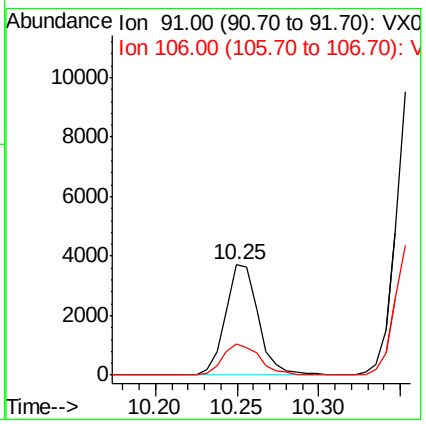


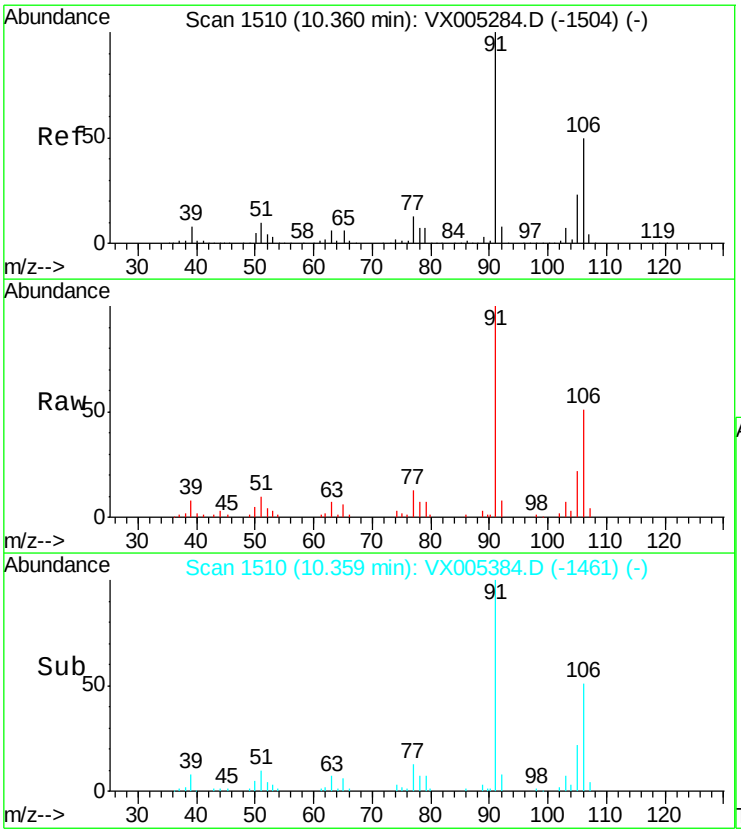
#67
Ethyl Benzene
Concen: 0.42 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 91 Resp: 5200

Ion	Ratio	Lower	Upper
91	100		
106	28.9	25.9	38.9

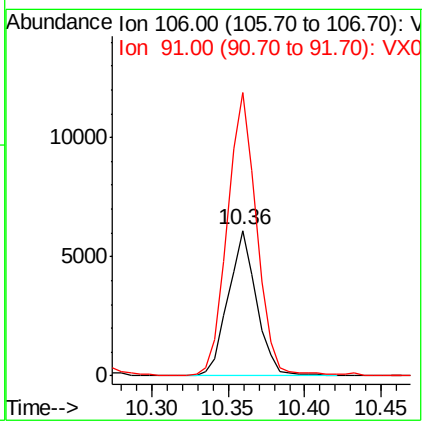


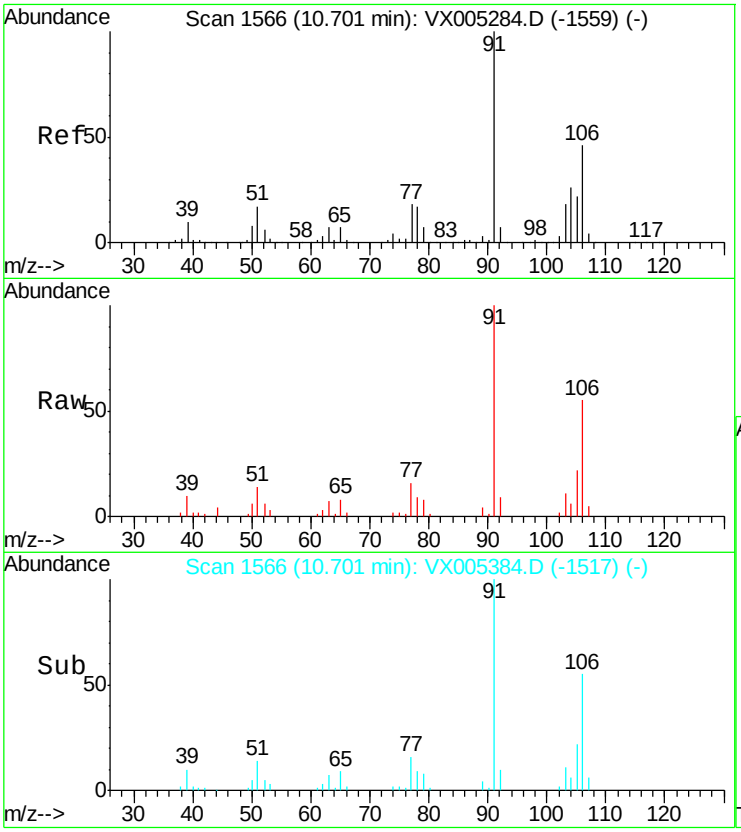


#68
m/p-Xylenes
Concen: 1.65 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion:106 Resp: 7876

Ion	Ratio	Lower	Upper
106	100		
91	200.9	157.1	235.7



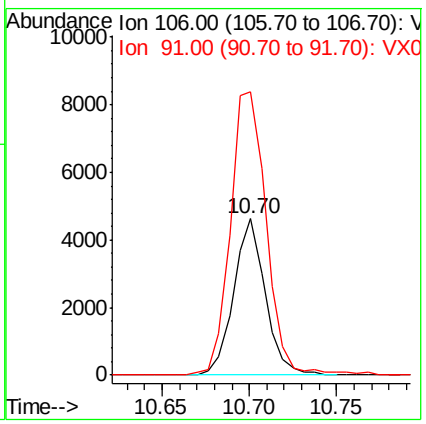


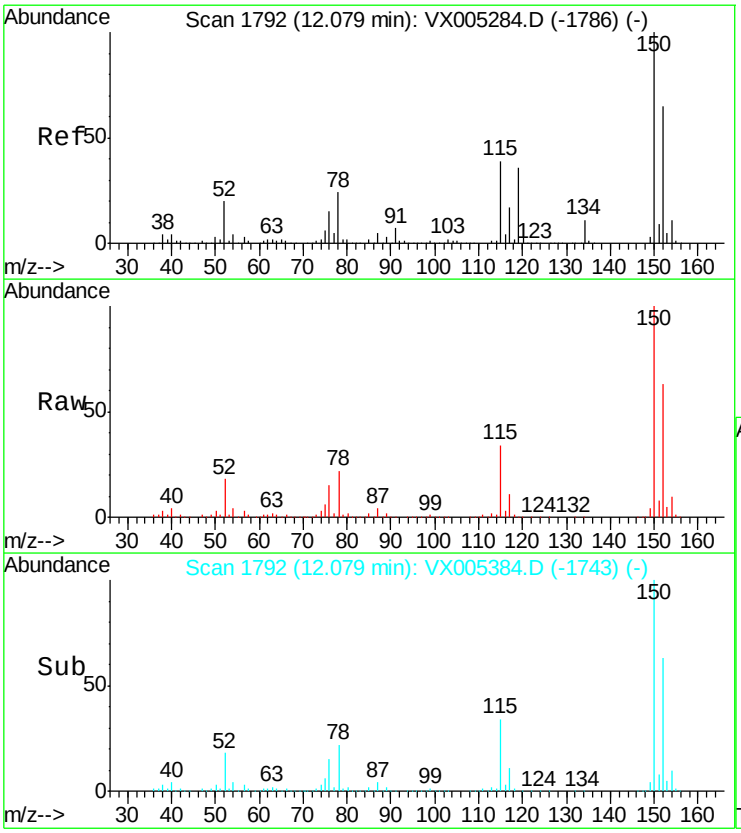
#69
o-Xylene
Concen: 1.26 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:106 Resp: 5772

Ion	Ratio	Lower	Upper
106	100		
91	208.1	105.1	315.1

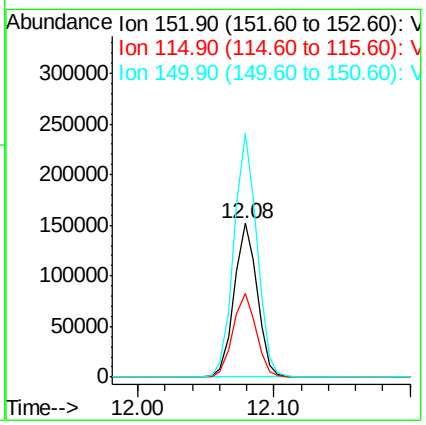


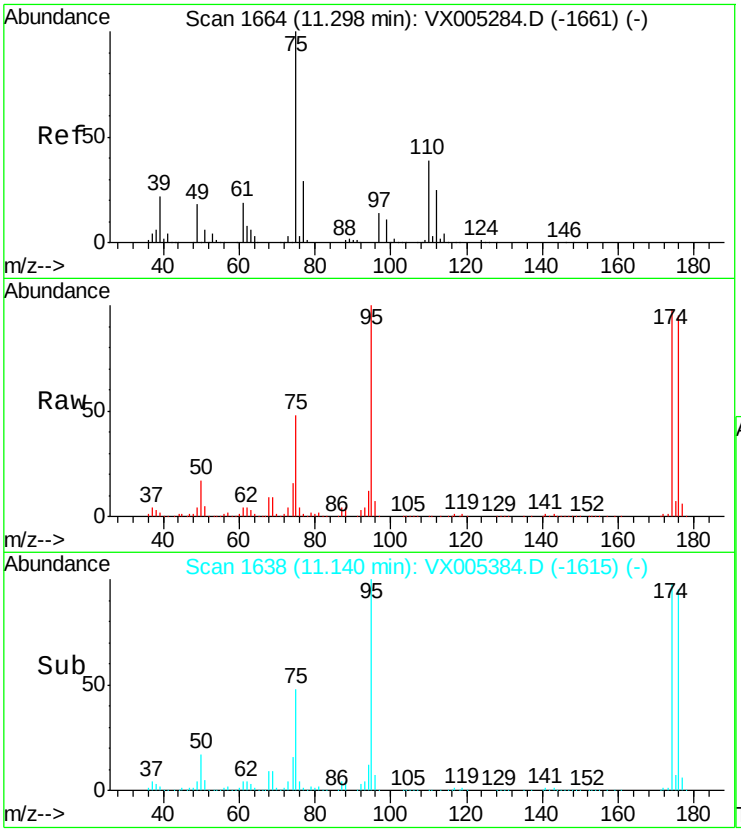


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion:152 Resp: 179224

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	117.0
150	158.0	0.0	351.0



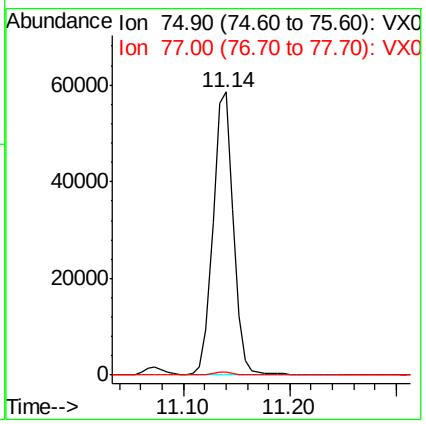


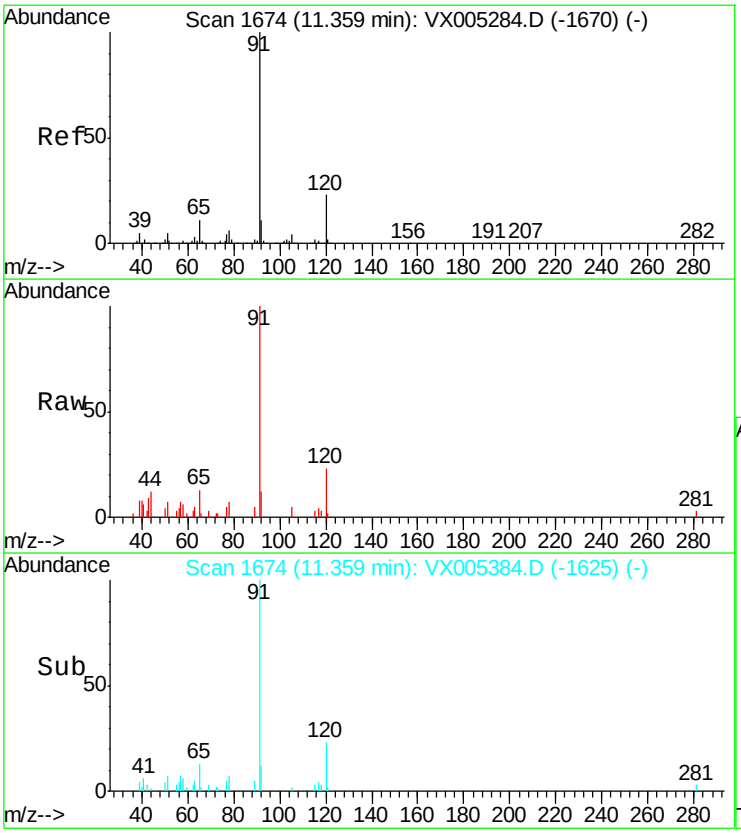
#76
1,2,3-Trichloropropane
Concen: 22.18 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion: 75 Resp: 77111

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

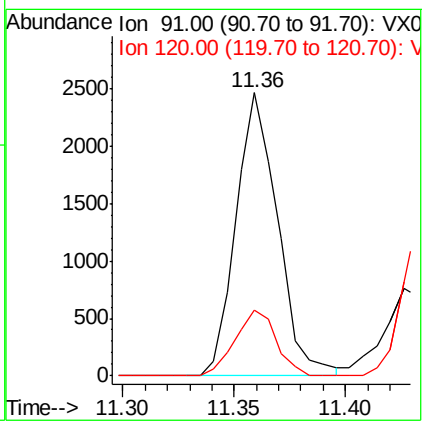


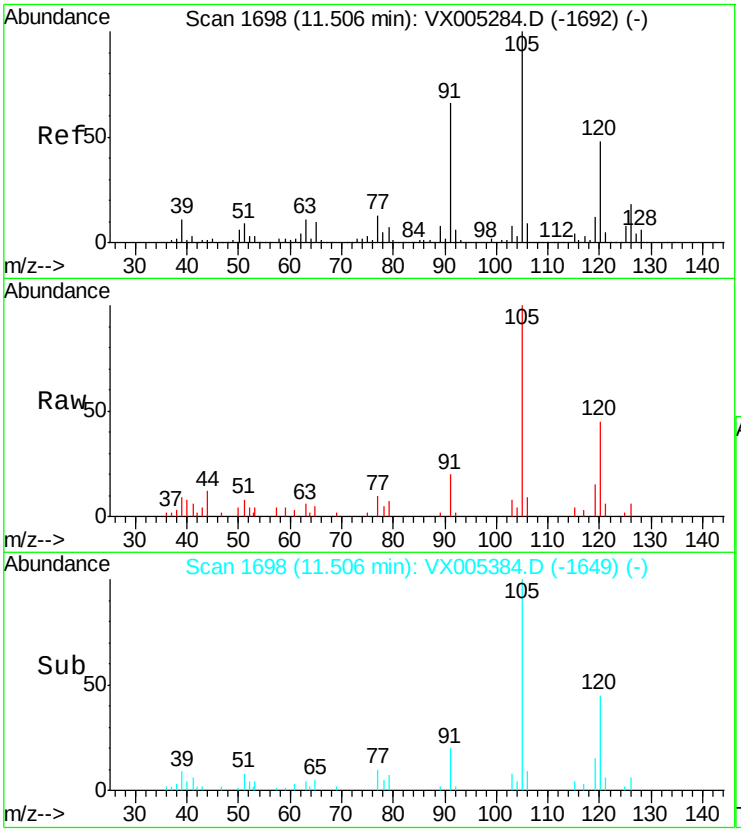


#78
n-propylbenzene
Concen: 0.26 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 91 Resp: 3221

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.9	35.9



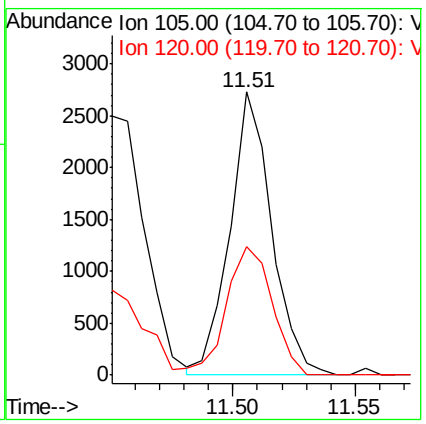


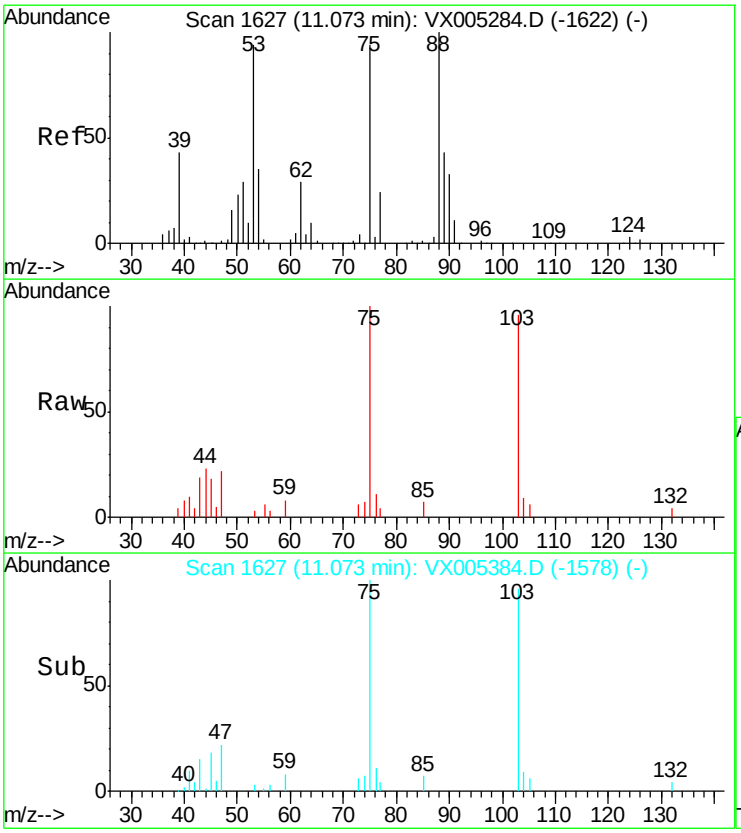
#80
1,3,5-Trimethylbenzene
Concen: 0.35 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:105 Resp: 3237

Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.6	76.8

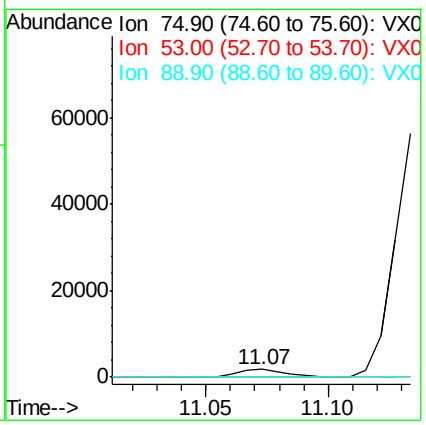


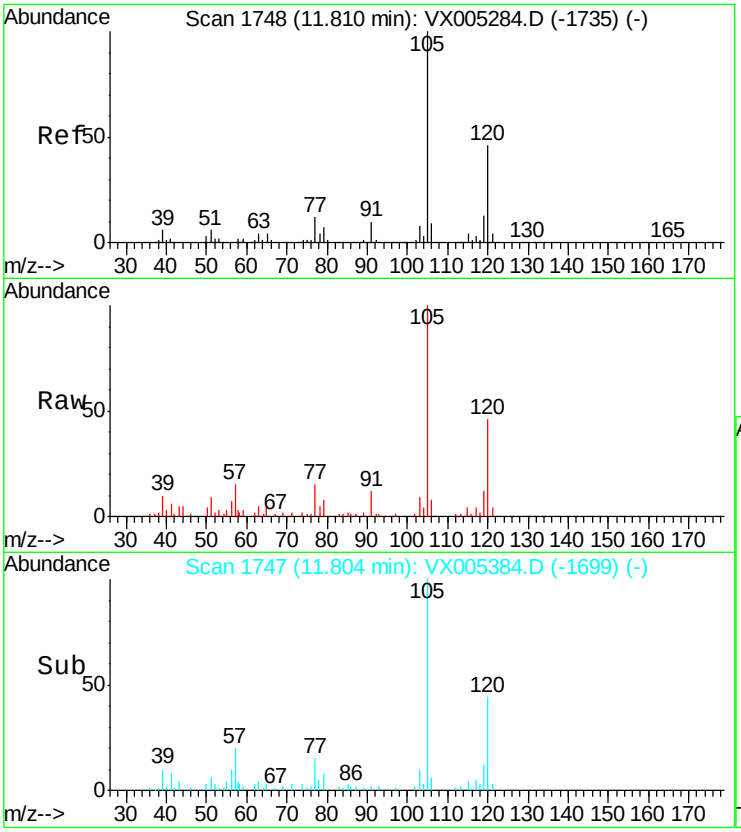


#81
trans-1,4-Dichloro-2-butene
Concen: 2.08 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion: 75 Resp: 2380

Ion	Ratio	Lower	Upper
75	100		
53	1.8	80.1	120.1#
89	0.0	37.2	55.8#



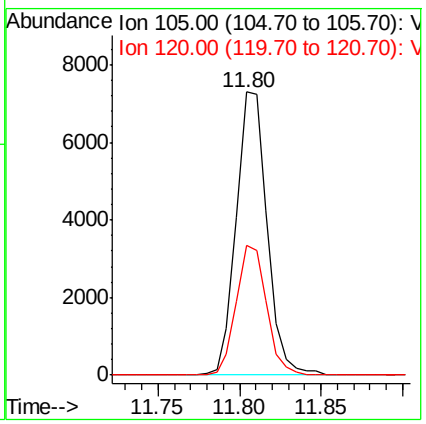


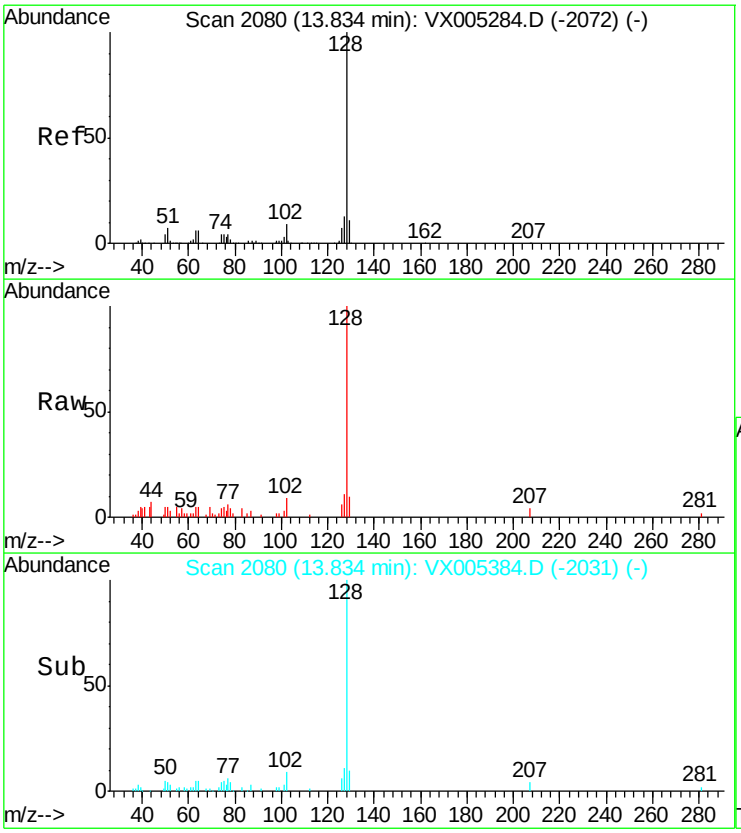
#84
1,2,4-Trimethylbenzene
Concen: 1.03 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Instrument :
MSVOA_X
ClientSampleId :
TKABCD

Tgt Ion:105 Resp: 9640

Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.6





#95
Naphthalene
Concen: 0.42 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005384.D
Acq: 17 Oct 2018 10:51

Tgt Ion:128 Resp: 5186

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.2	15.2
129	12.8	8.6	12.8