Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
Data File : VX003429.D
Acq On : 17 Jul 2018 15:54
Operator : JC/MD
Sample : J3997-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Quant Time: Jul 18 01:00:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	261916	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	395120	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	371918	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224311	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	174509	50.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.76%				
35) Dibromofluoromethane	5.51	113	150146	46.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.94%				
50) Toluene-d8	8.72	98	643966	54.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.16%				
62) 4-Bromofluorobenzene	11.14	95	199338	47.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.64%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	1593	Below Cal			96
6) Chloroethane	1.70	64	198	Below Cal		#	48
10) Methyl Iodide	2.52	142	2076	0.66	ug/l	#	96
11) Tert butyl alcohol	3.08	59	405	0.53	ug/l	#	94
13) Acrolein	2.29	56	118	0.32	ug/l		94
16) Acetone	2.45	43	14748	10.34	ug/l	#	88
18) Methyl Acetate	2.78	43	8819	1.90	ug/l		94
20) Methylene Chloride	2.86	84	37024	12.37	ug/l		92
25) 2-Butanone	4.72	43	4067	1.82	ug/l		95
29) Tetrahydrofuran	5.19	42	1325	0.94	ug/l	#	36
30) Chloroform	5.22	83	3136	0.62	ug/l		96
31) Cyclohexane	5.67	56	4516	1.06	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	16461	4.11	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23569	5.79	ug/l	#	17
43) Isopropyl Acetate	6.48	43	129676	19.06	ug/l		94
47) Bromodichloromethane	7.90	83	1372	0.36	ug/l	#	89
48) Methyl methacrylate	7.76	41	1194	0.34	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.63	43	3291	0.73	ug/l	#	39
53) t-1,3-Dichloropropene	8.63	75	1378	0.30	ug/l	#	46
59) 2-Hexanone	9.55	43	12429	3.61	ug/l	#	62
68) m/p-Xylenes	10.36	106	2298	0.41	ug/l		96
74) N-amyl acetate	6.48	43	129676	18.77	ug/l	#	94
76) 1,2,3-Trichloropropane	11.14	75	95622	23.55	ug/l	#	33
78) n-propylbenzene	11.37	91	3771	0.24	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	2835	0.24	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	95622	76.50	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	7513	0.62	ug/l		99
89) n-Butylbenzene	12.39	91	2363	0.22	ug/l	#	69
95) Naphthalene	13.83	128	38873	2.64	ug/l		98

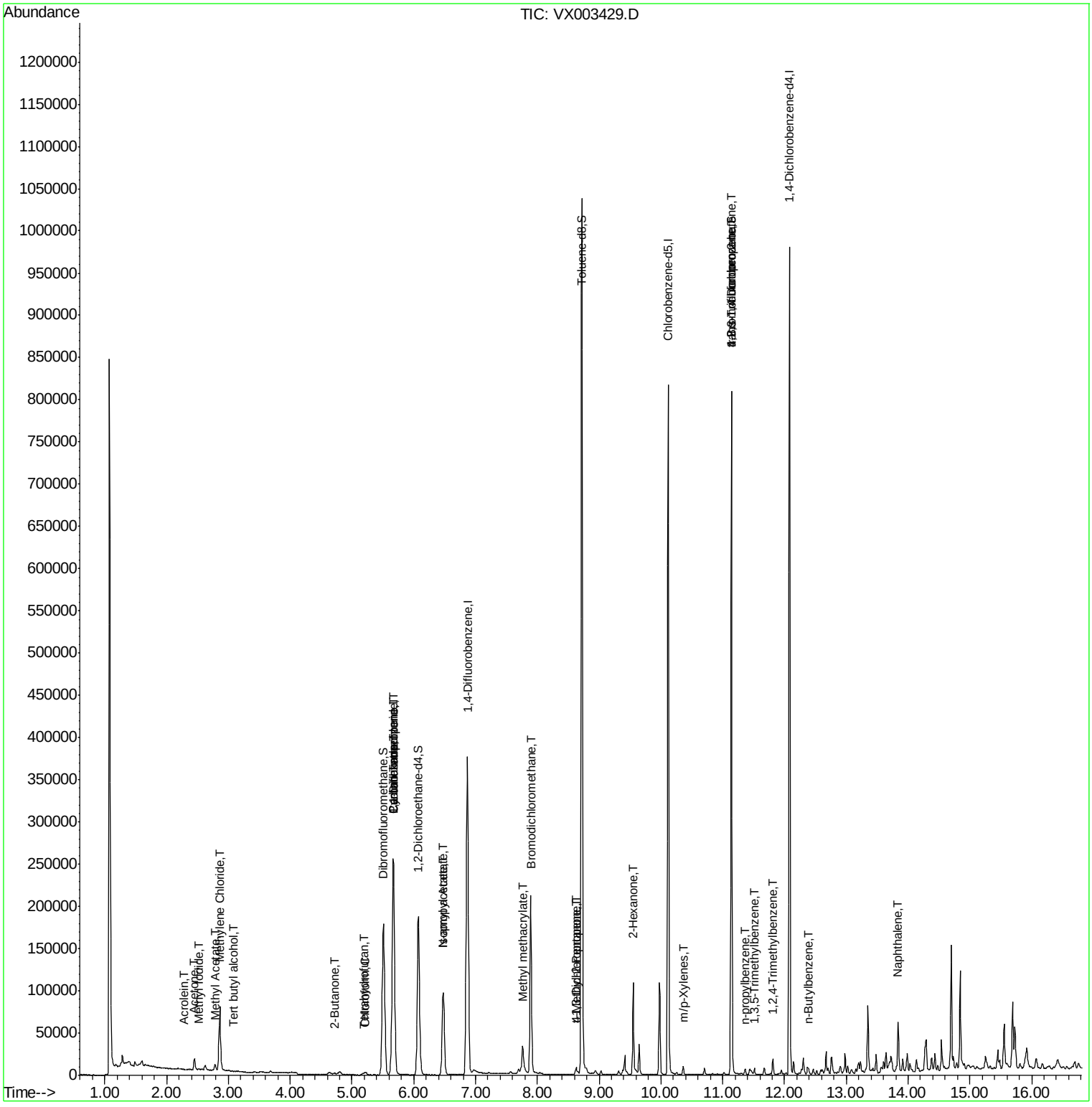
(#) = qualifier out of range (m) = manual integration (+) = signals summed

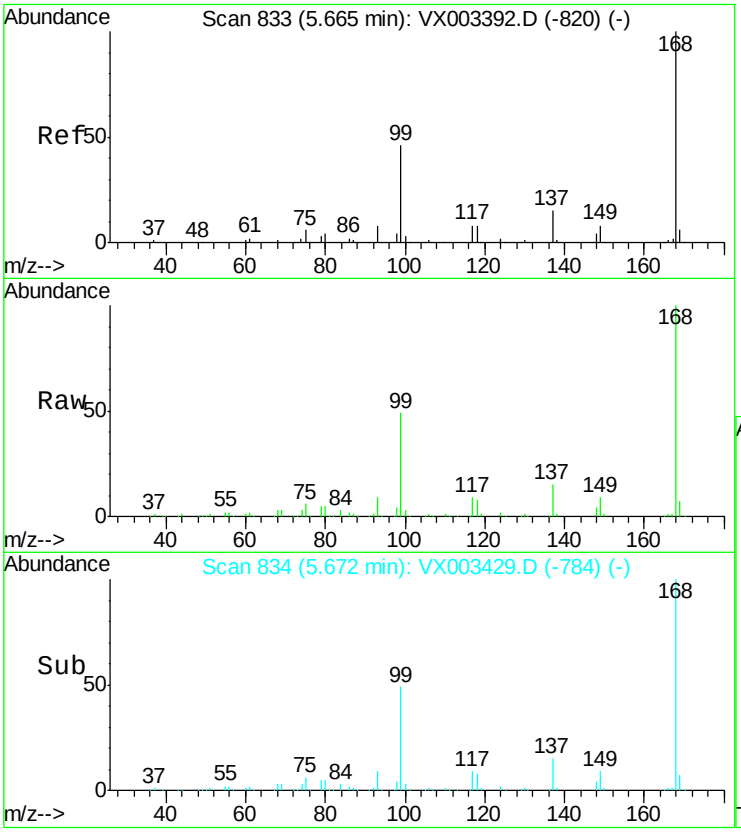
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071718\
Data File : VX003429.D
Acq On : 17 Jul 2018 15:54
Operator : JC/MD
Sample : J3997-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Quant Time: Jul 18 01:00:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration



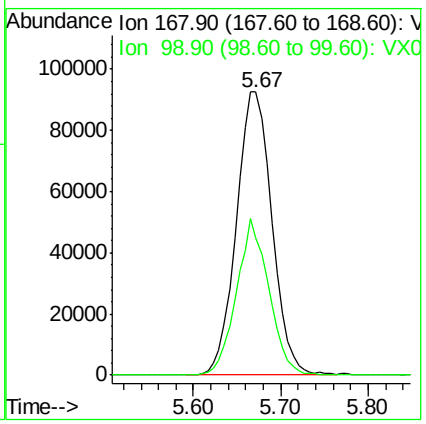


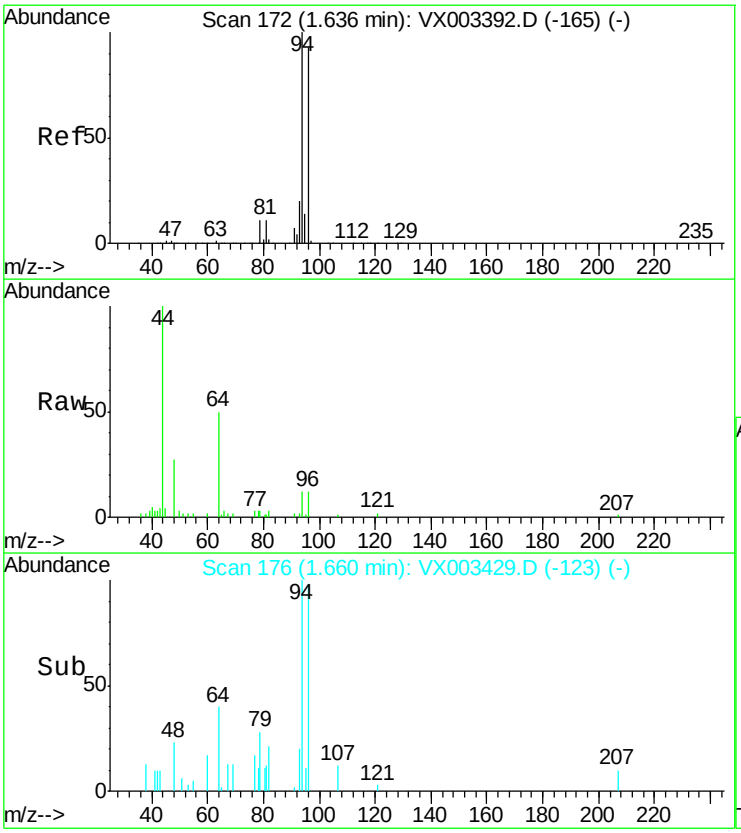
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion:168 Resp: 261916

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.3	58.9

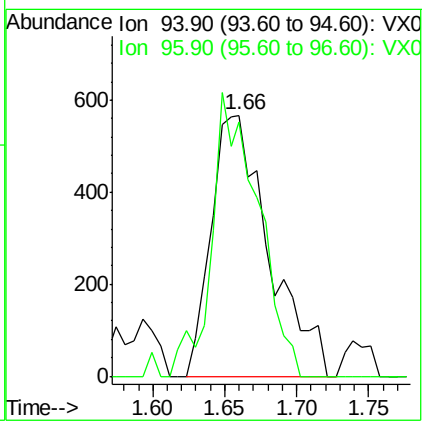


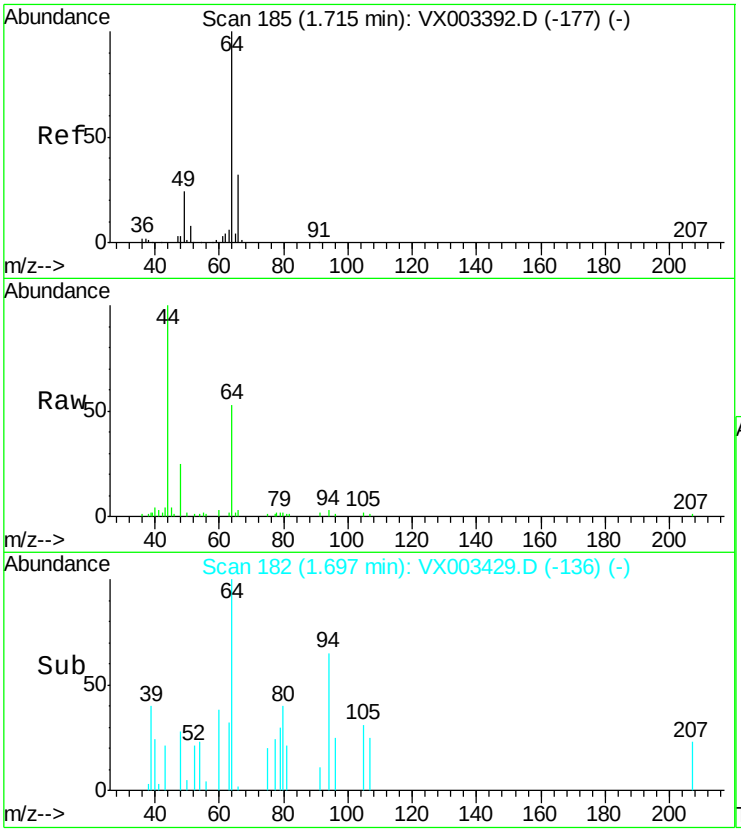


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 94 Resp: 1593

Ion	Ratio	Lower	Upper
94	100		
96	97.5	74.9	112.3



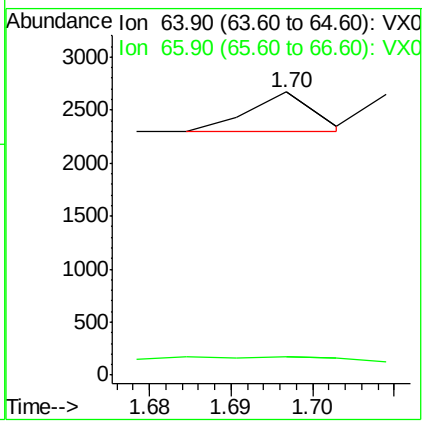


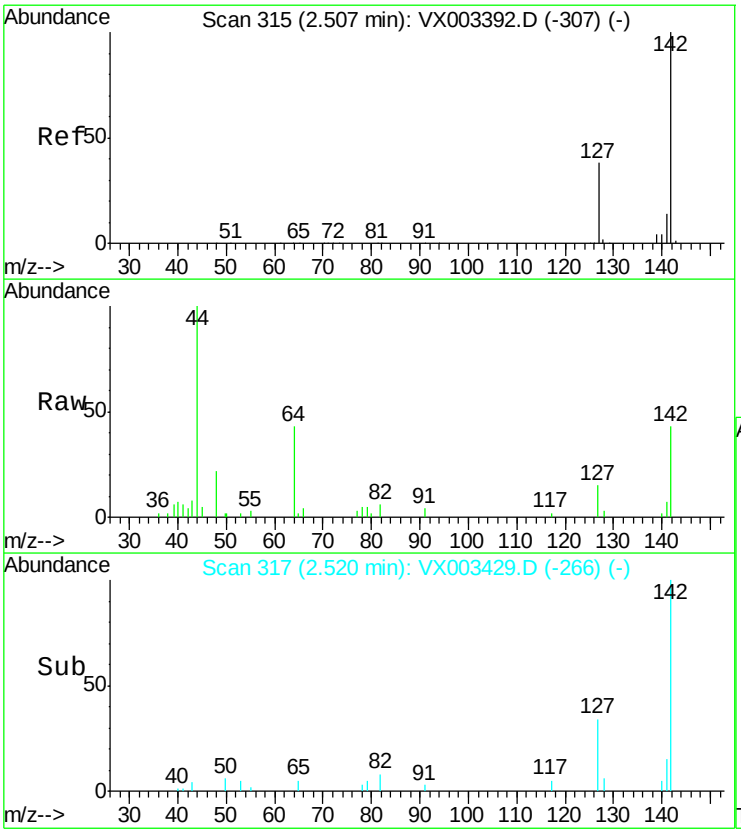
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 64 Resp: 198

Ion	Ratio	Lower	Upper
64	100		
66	2.7	25.5	38.3#

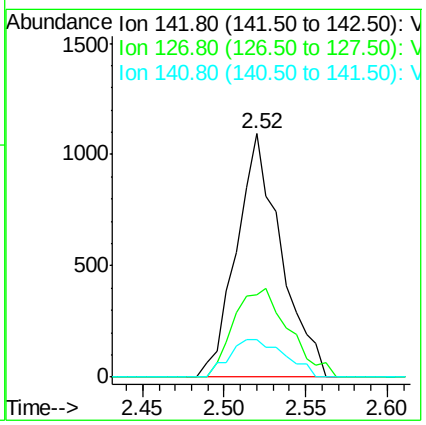


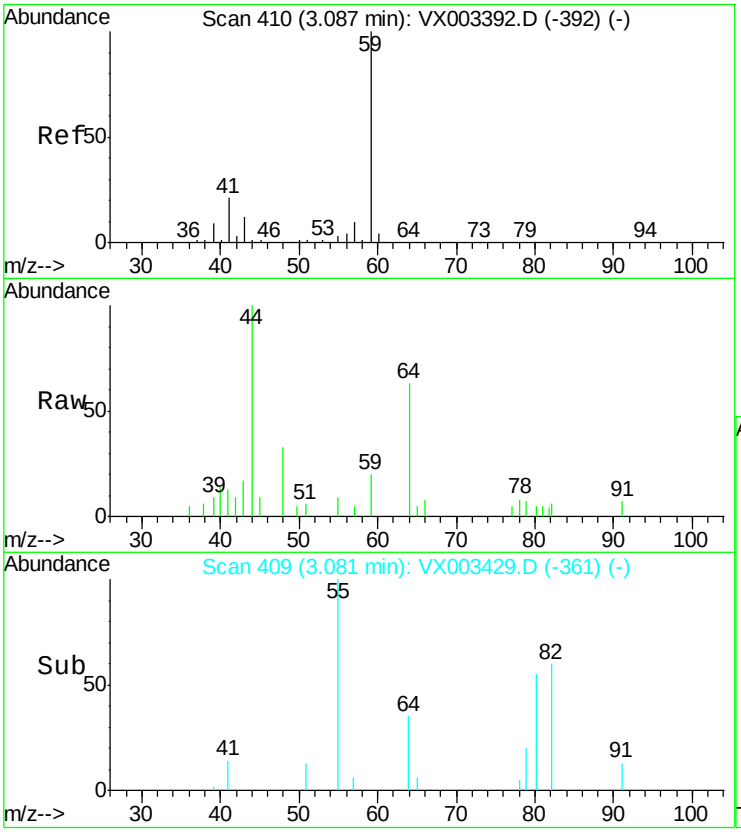


#10
Methyl Iodide
Concen: 0.66 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion:142 Resp: 2076

Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.6	55.0
141	18.9	11.3	16.9#



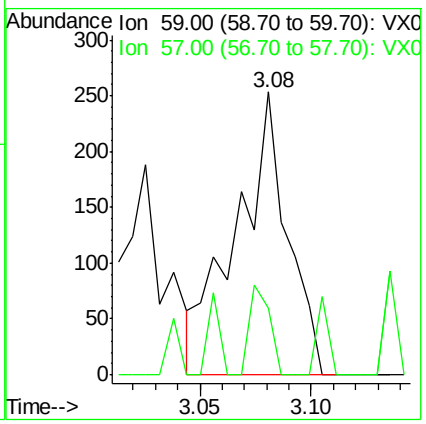


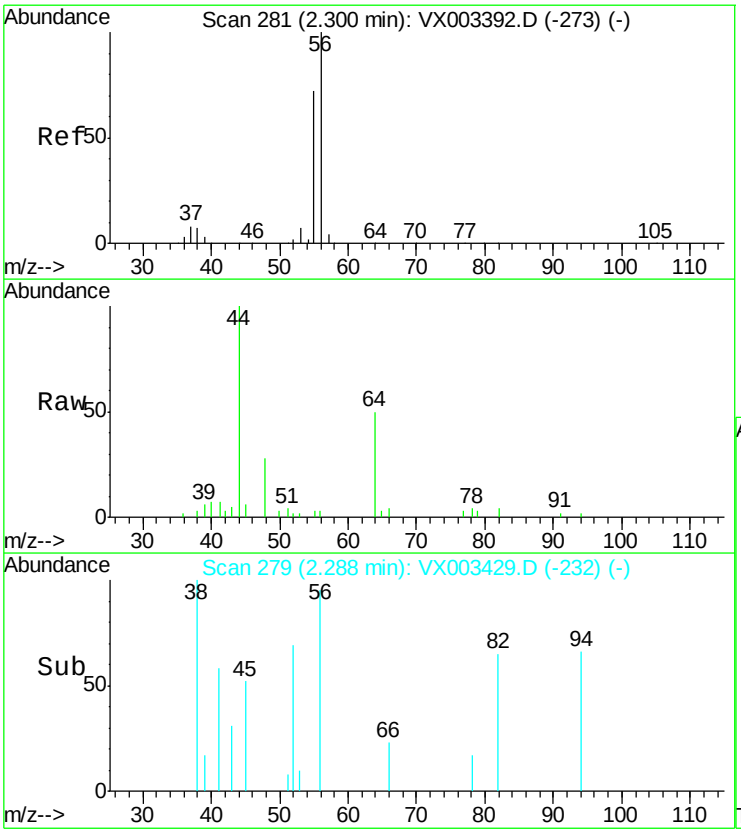
#11
Tert butyl alcohol
Concen: 0.53 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 59 Resp: 405

Ion	Ratio	Lower	Upper
59	100		
57	12.6	8.2	12.2#

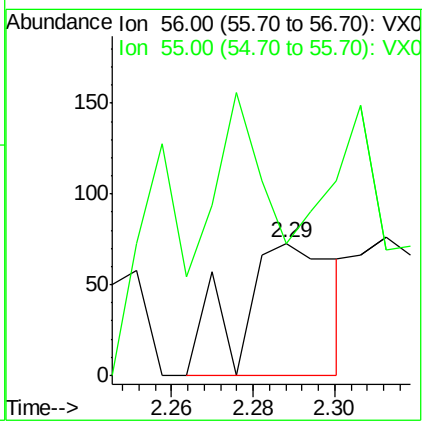


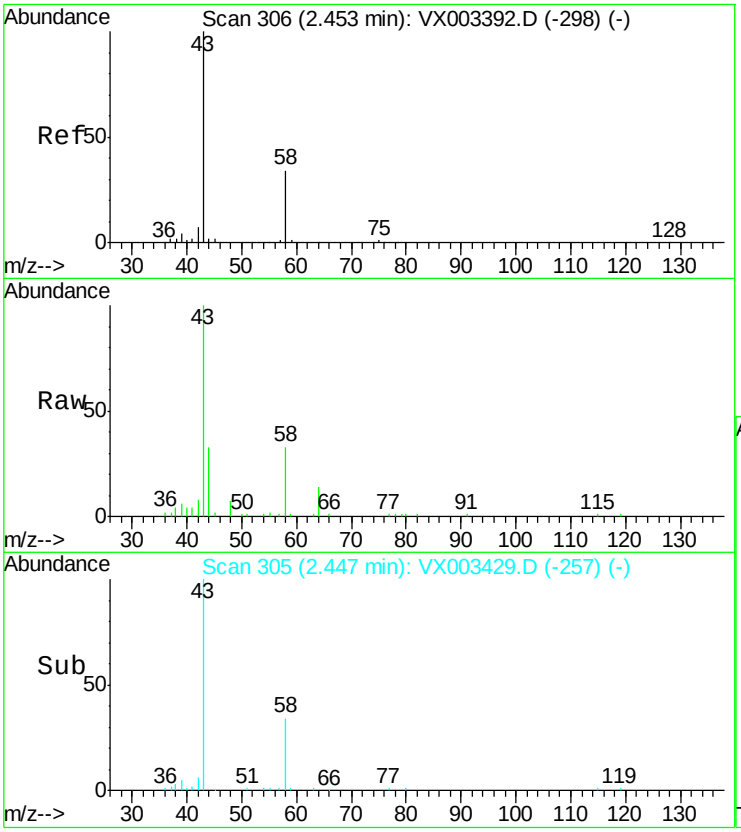


#13
Acrolein
Concen: 0.32 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 56 Resp: 118

Ion	Ratio	Lower	Upper
56	100		
55	66.1	57.0	85.4



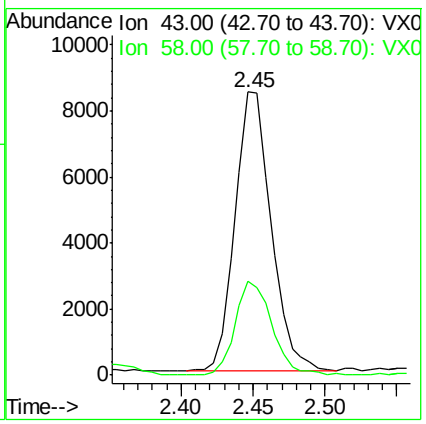


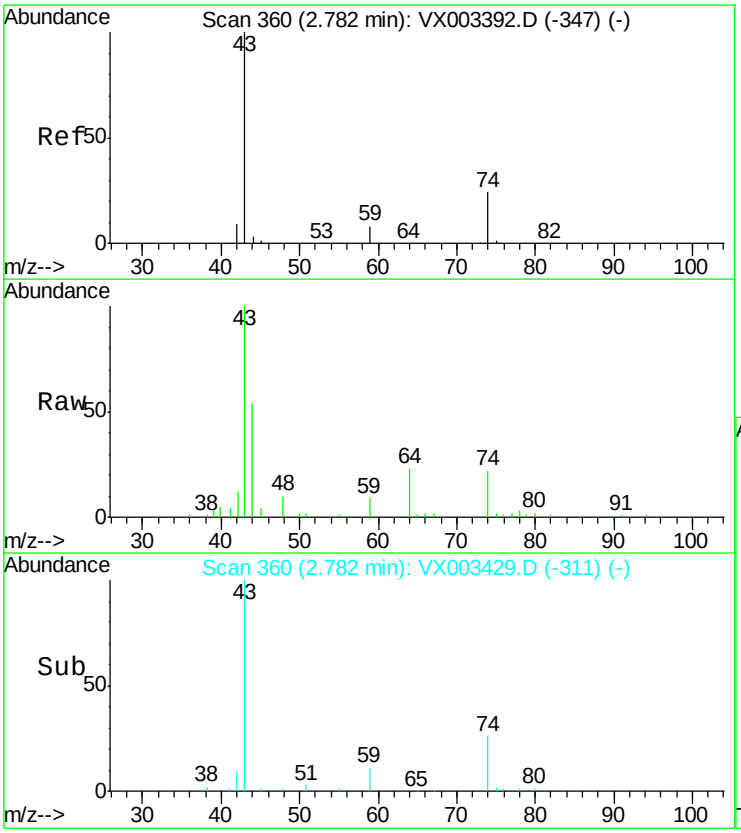
#16
Acetone
Concen: 10.34 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Tgt Ion: 43 Resp: 14748

Ion	Ratio	Lower	Upper
43	100		
58	33.8	22.1	33.1#

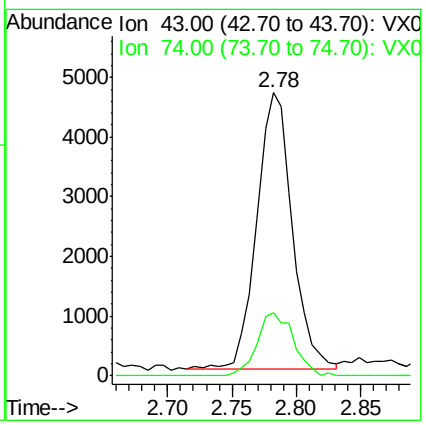


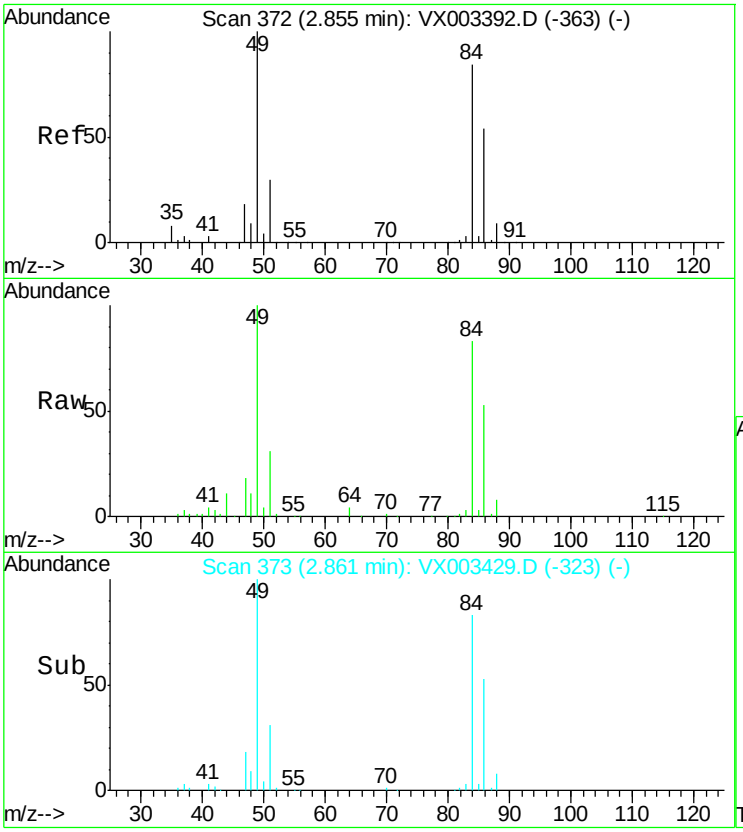


#18
Methyl Acetate
Concen: 1.90 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 43 Resp: 8819

Ion	Ratio	Lower	Upper
43	100		
74	23.7	16.7	25.1



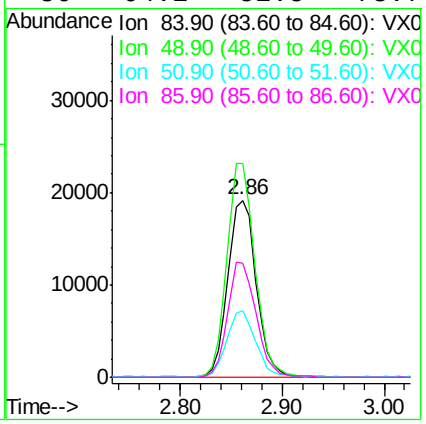


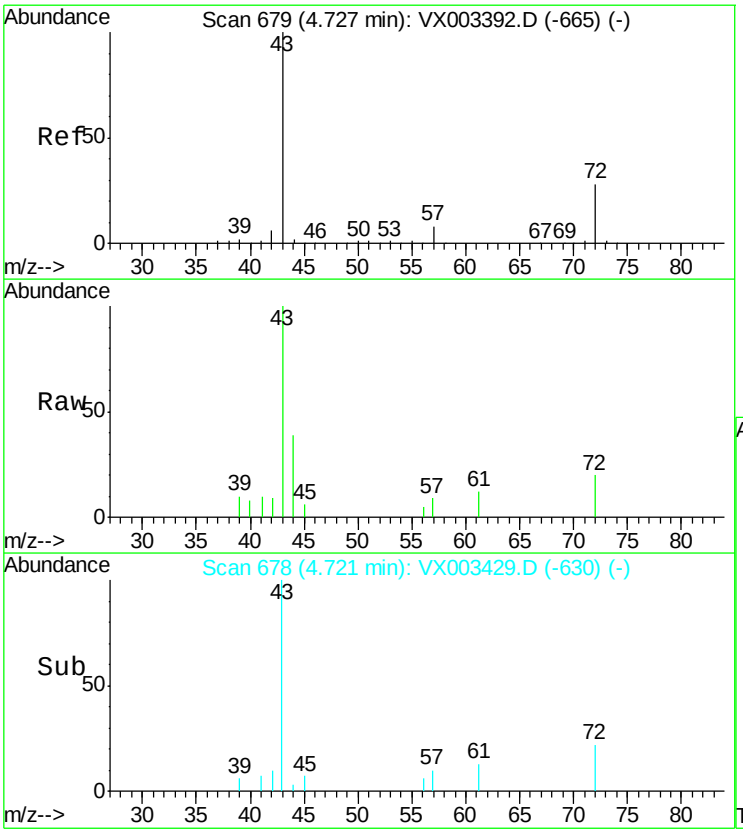
#20
Methylene Chloride
Concen: 12.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Tgt Ion: 84 Resp: 37024

Ion	Ratio	Lower	Upper
84	100		
49	120.5	107.8	161.6
51	37.4	32.8	49.2
86	64.2	52.5	78.7

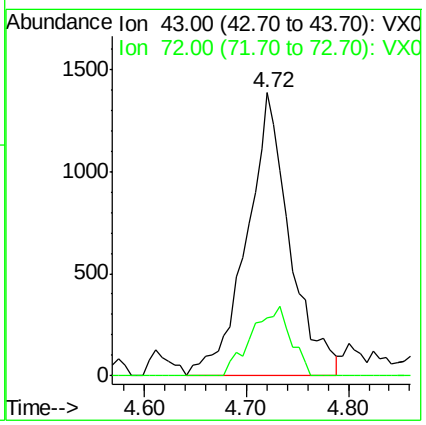


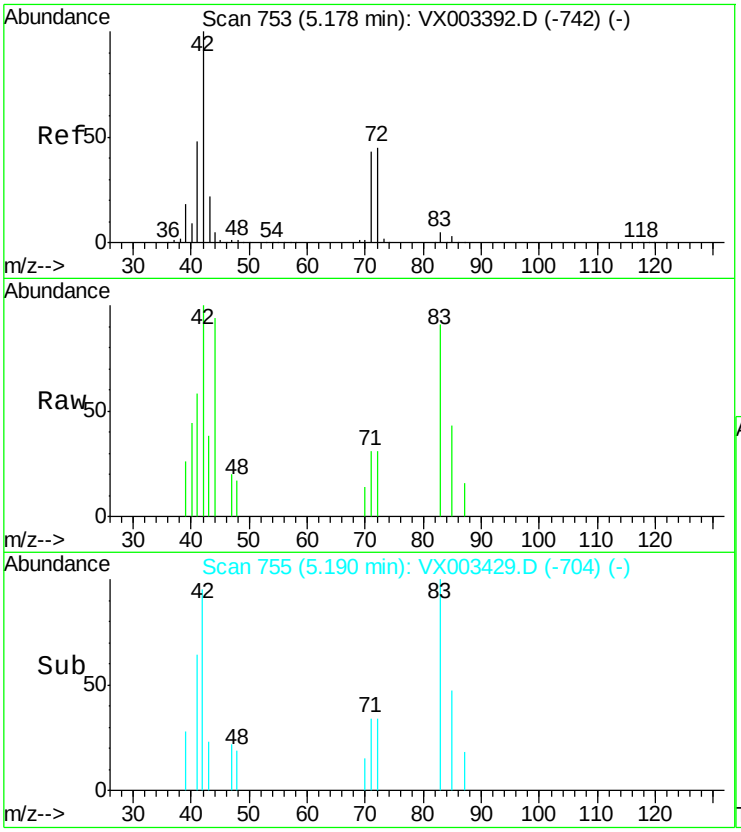


#25
2-Butanone
Concen: 1.82 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 43 Resp: 4067

Ion	Ratio	Lower	Upper
43	100		
72	20.4	18.5	27.7



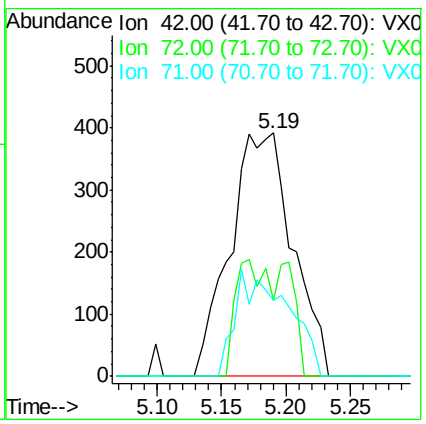


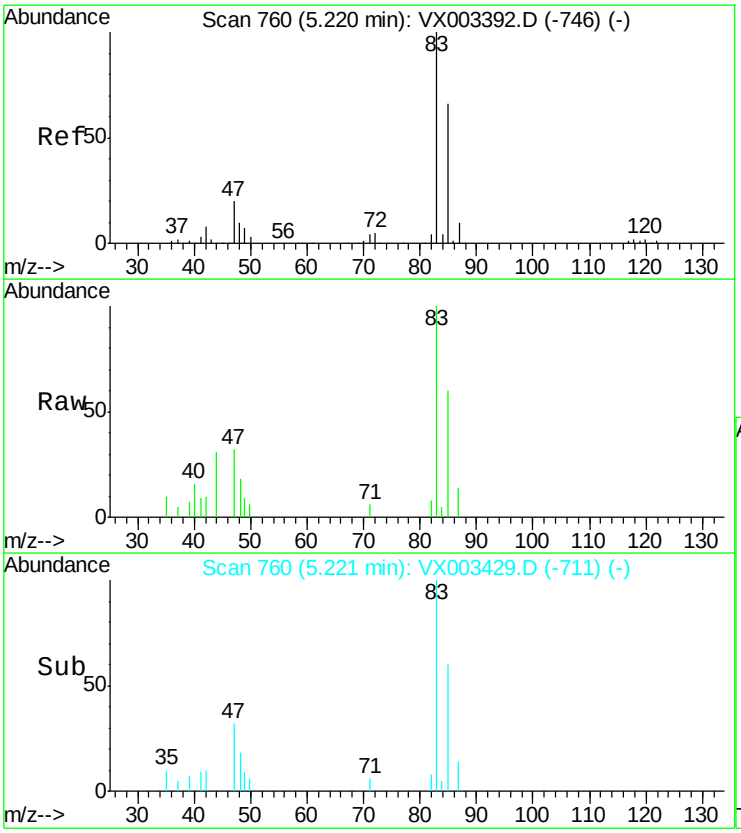
#29
Tetrahydrofuran
Concen: 0.94 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 42 Resp: 1325

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#

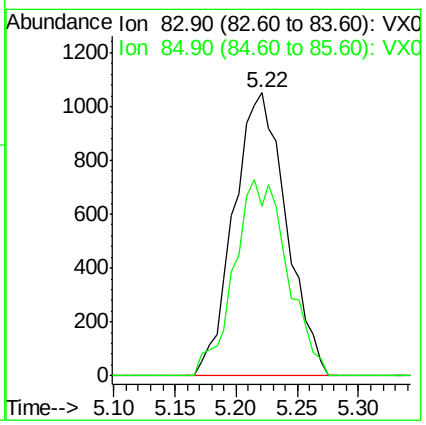


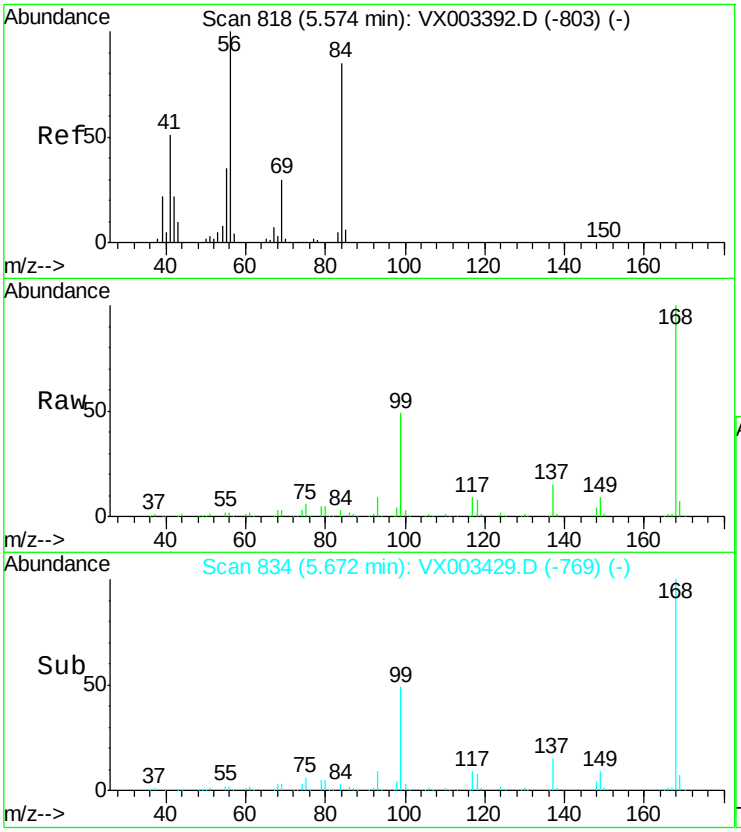


#30
Chloroform
Concen: 0.62 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 83 Resp: 3136

Ion	Ratio	Lower	Upper
83	100		
85	59.9	50.4	75.6



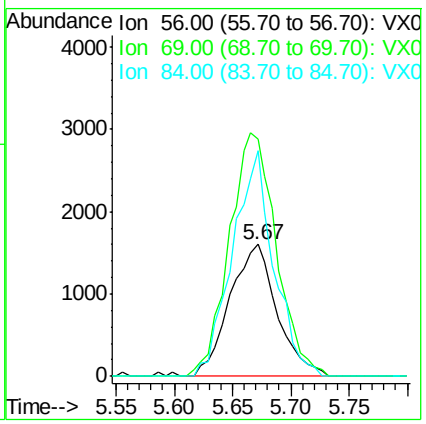


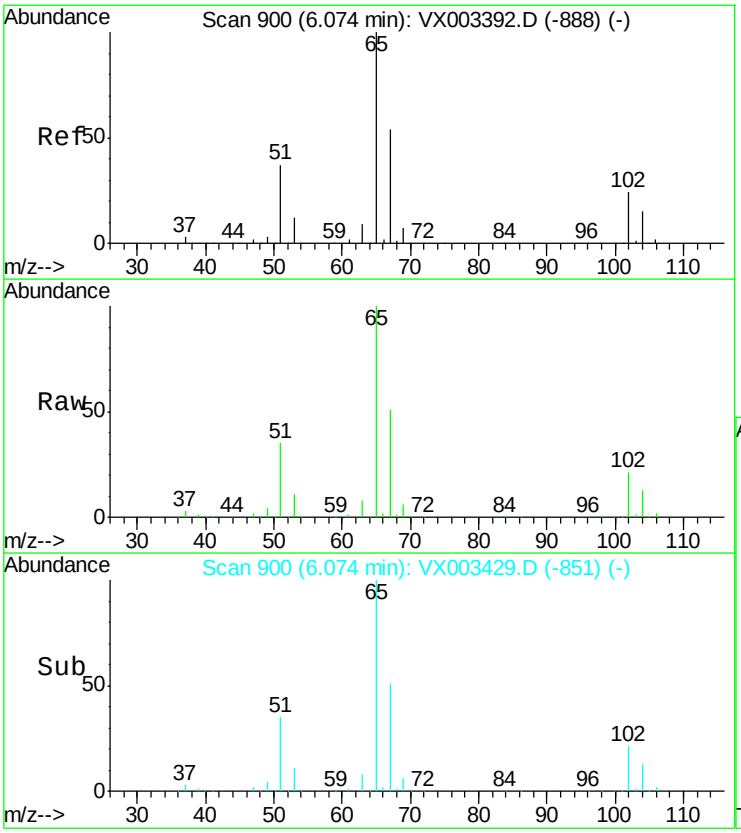
#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Tgt Ion: 56 Resp: 4516

Ion	Ratio	Lower	Upper
56	100		
69	179.7	23.7	35.5#
84	171.3	64.1	96.1#

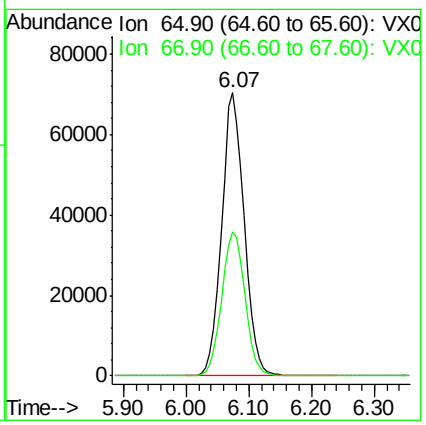


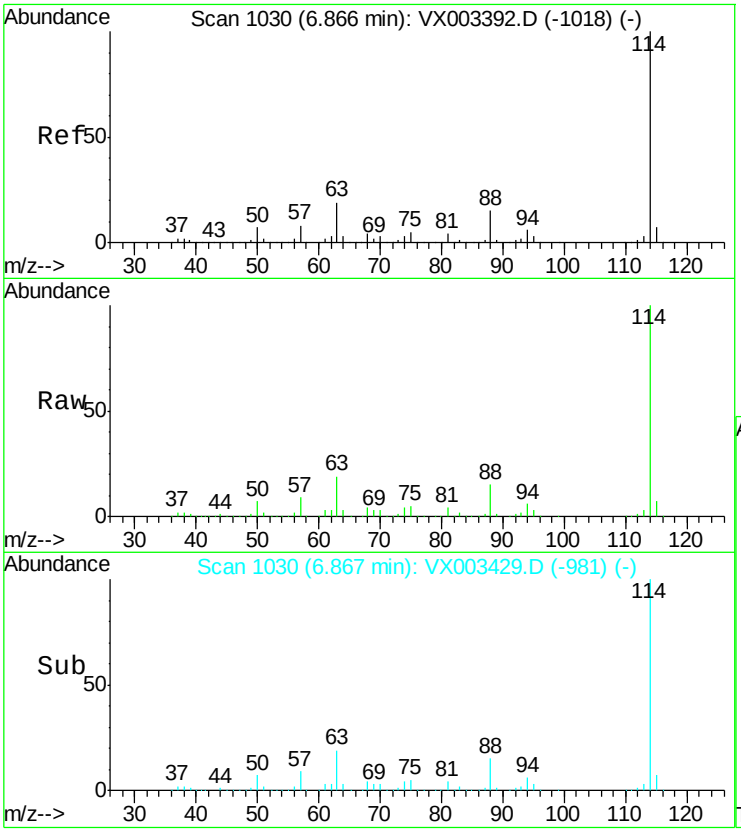


#33
1,2-Dichloroethane-d4
Concen: 50.88 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 65 Resp: 174509

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	102.6



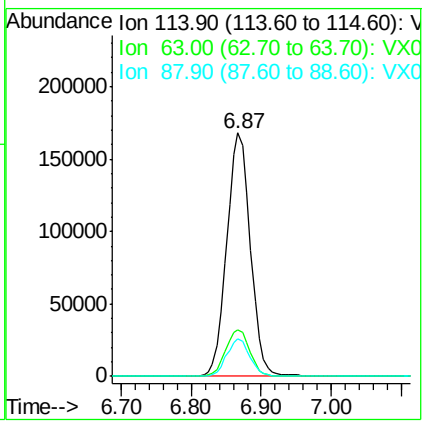


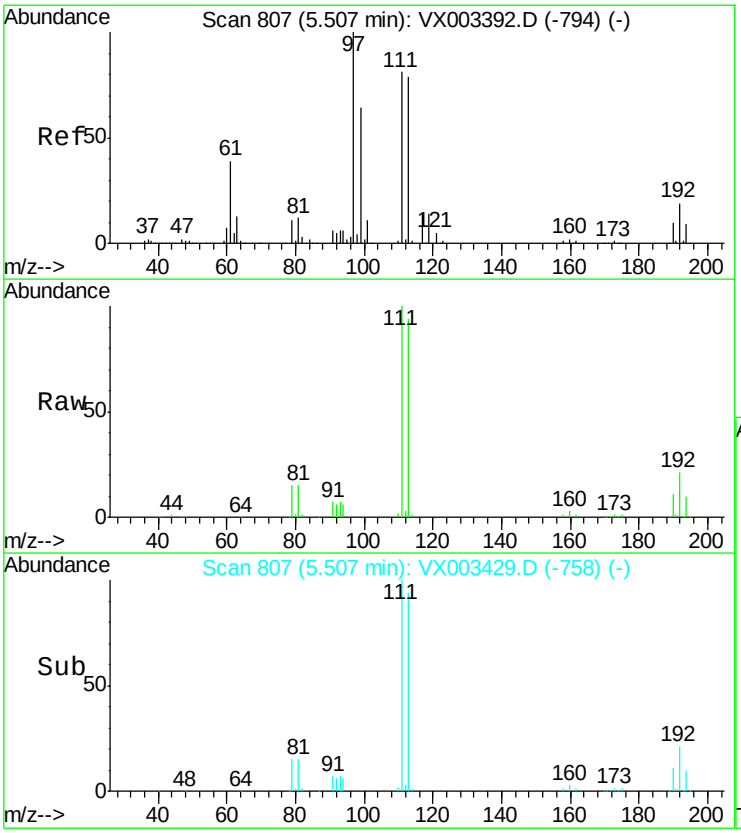
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion:114 Resp: 395120

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	15.2	0.0	30.0

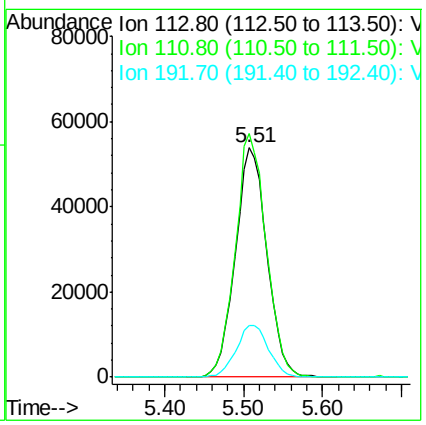


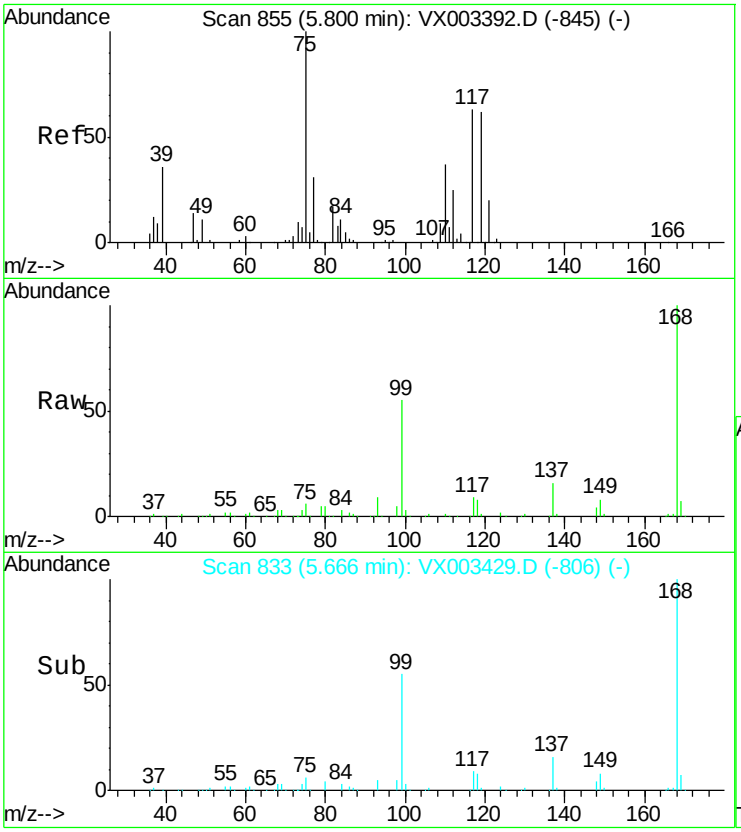


#35
Dibromofluoromethane
Concen: 46.97 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion:113 Resp: 150146

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	23.1	19.1	28.7



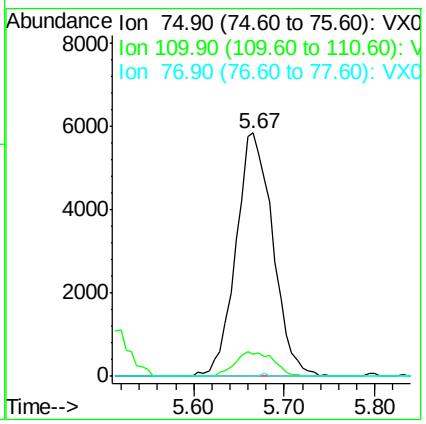


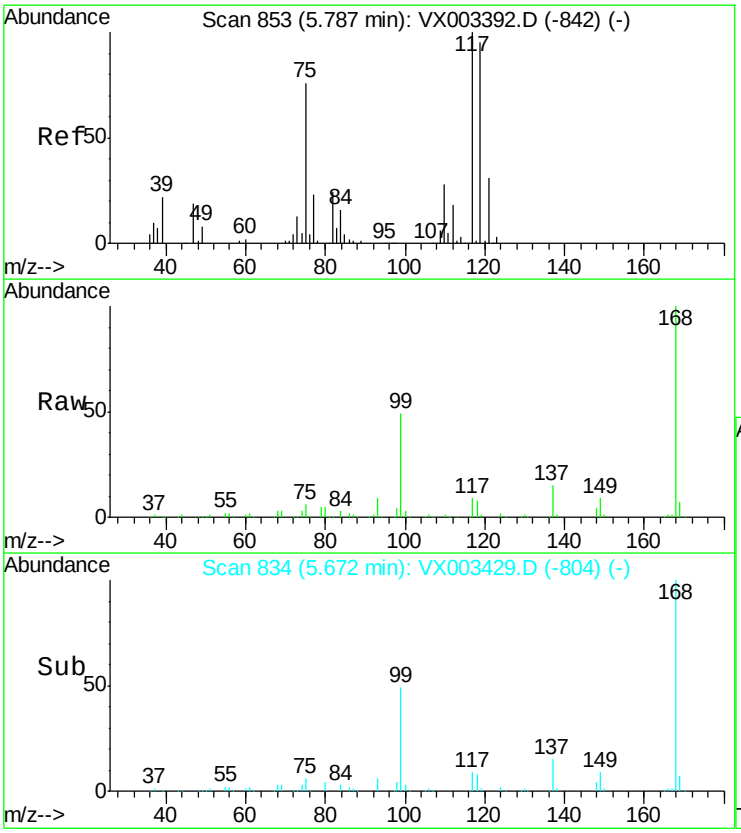
#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 75 Resp: 16461

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.4#
77	0.1	24.3	36.5#

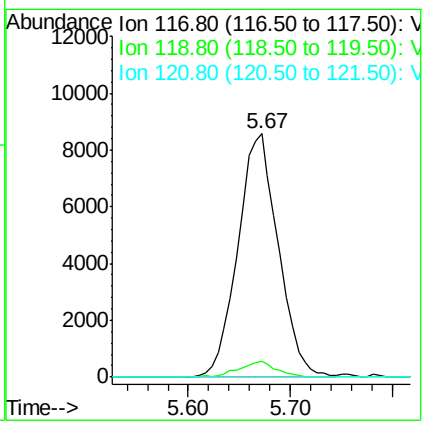


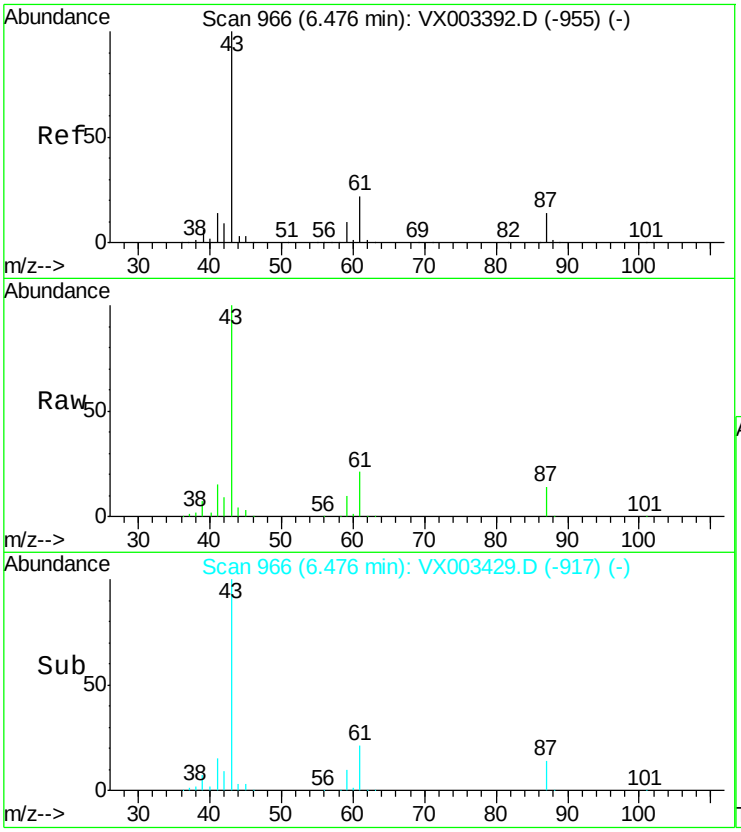


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion:117 Resp: 23569

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.4	116.0#
121	0.0	24.4	36.6#



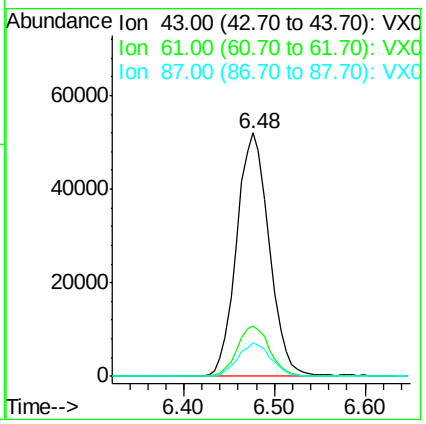


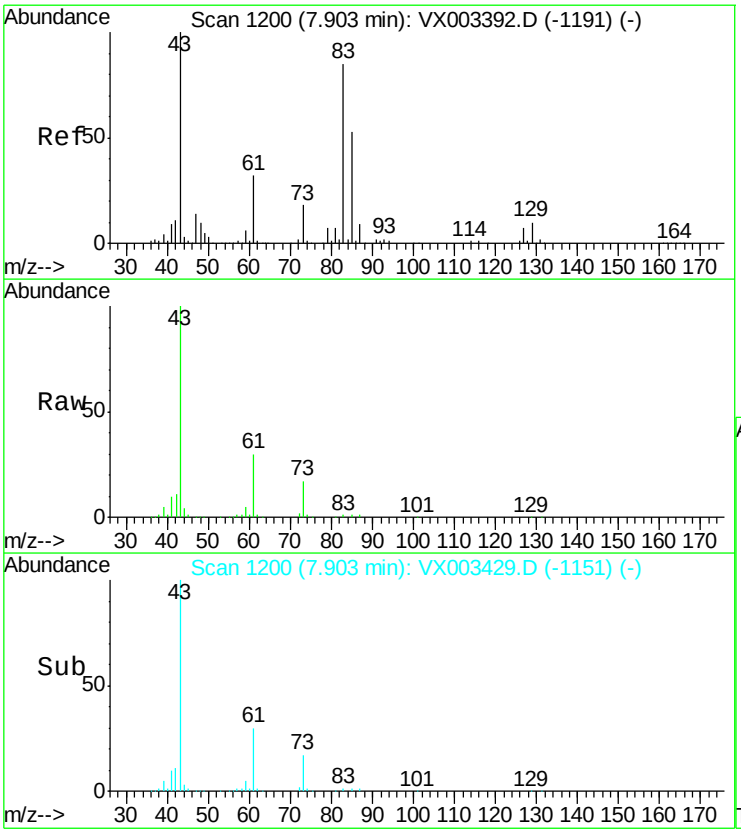
#43
Isopropyl Acetate
Concen: 19.06 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 43 Resp: 129676

Ion	Ratio	Lower	Upper
43	100		
61	20.6	14.4	21.6
87	13.9	9.5	14.3

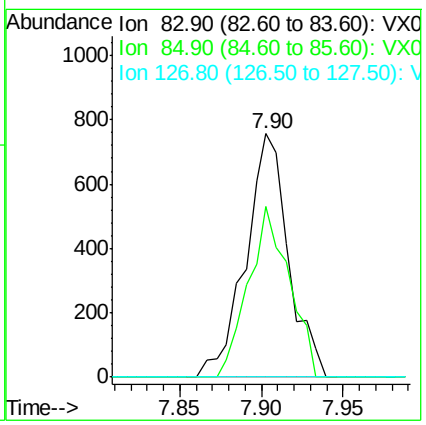


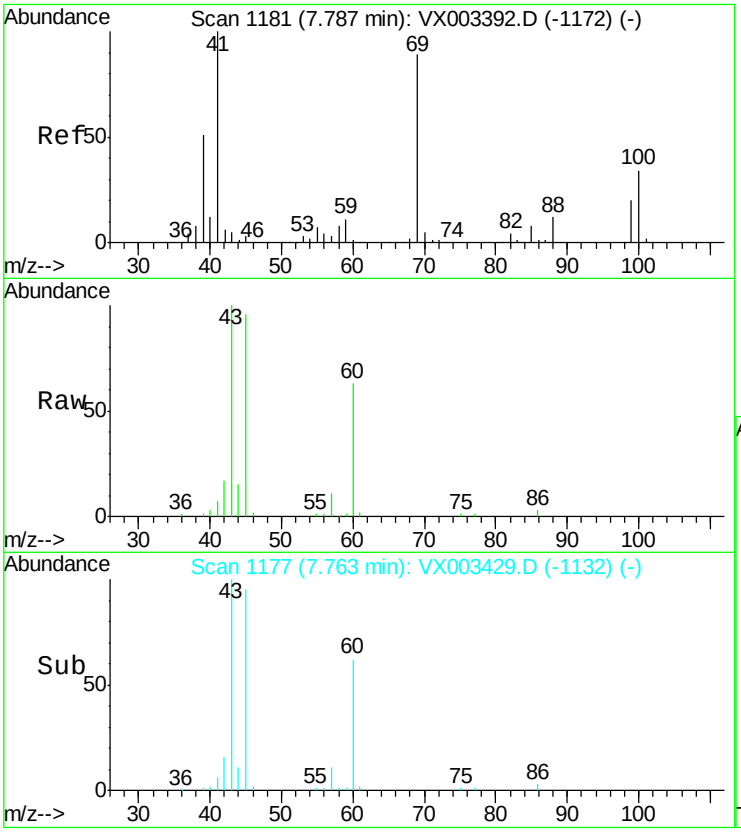


#47
Bromodichloromethane
Concen: 0.36 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 83 Resp: 1372

Ion	Ratio	Lower	Upper
83	100		
85	69.9	50.3	75.5
127	0.0	7.0	10.4#



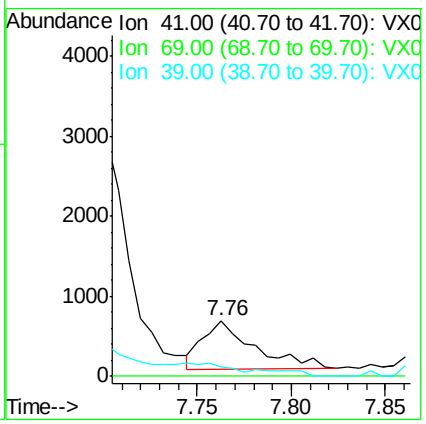


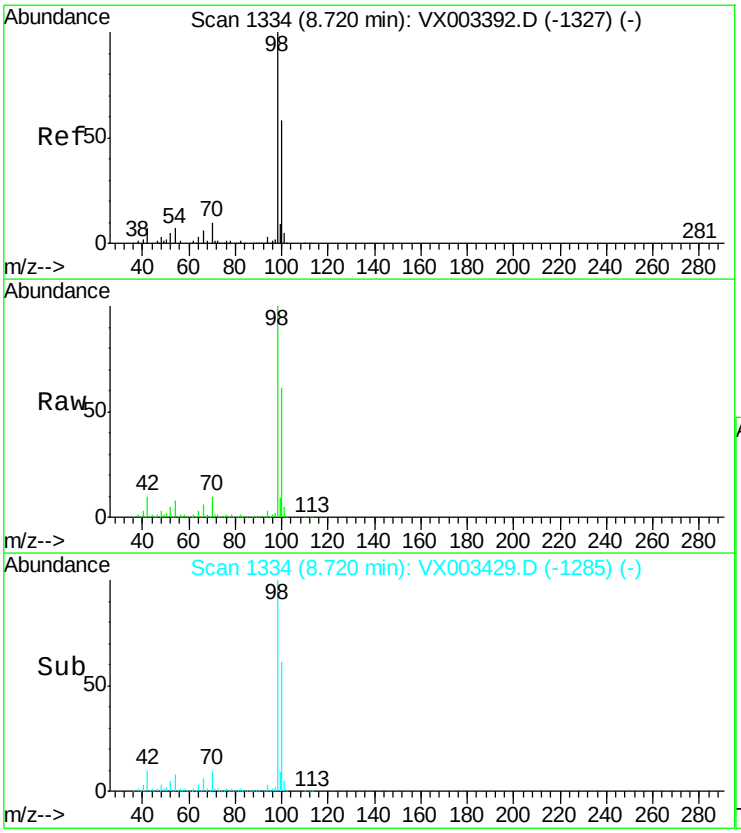
#48
Methyl methacrylate
Concen: 0.34 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.02 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Tgt Ion: 41 Resp: 1194

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	48.9	73.3#

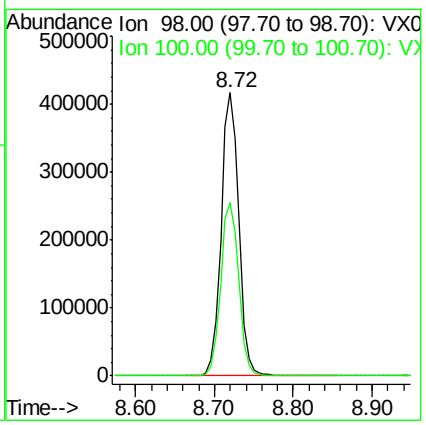


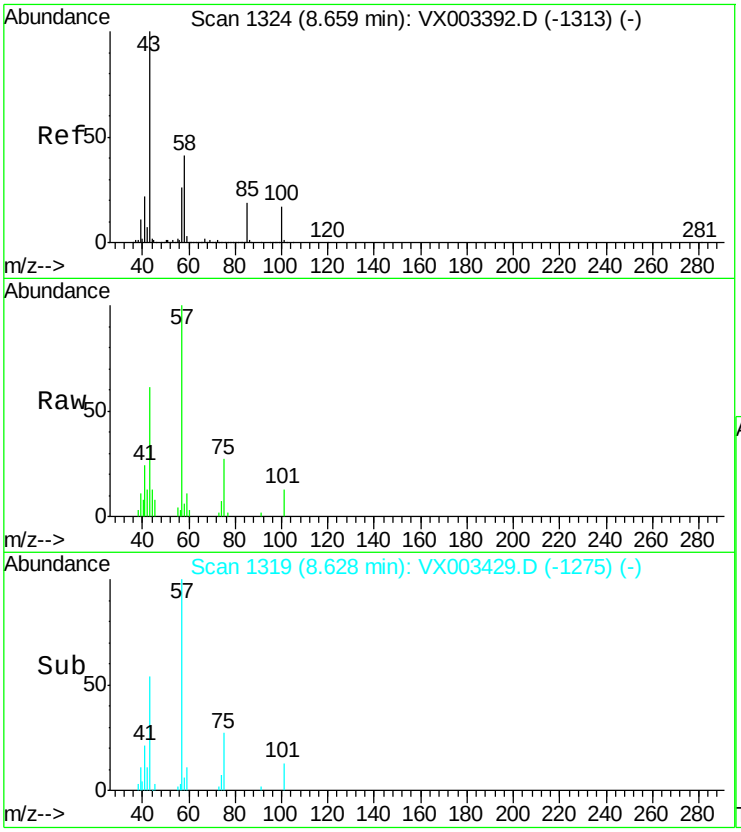


#50
Toluene-d8
Concen: 54.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 98 Resp: 643966

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3



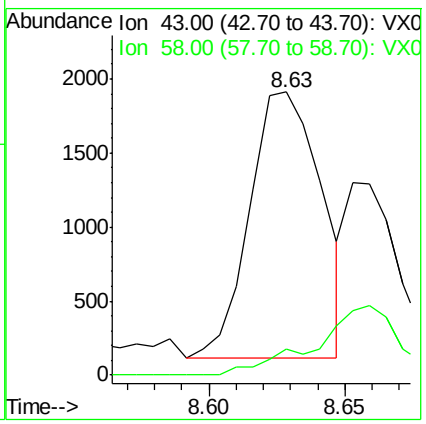


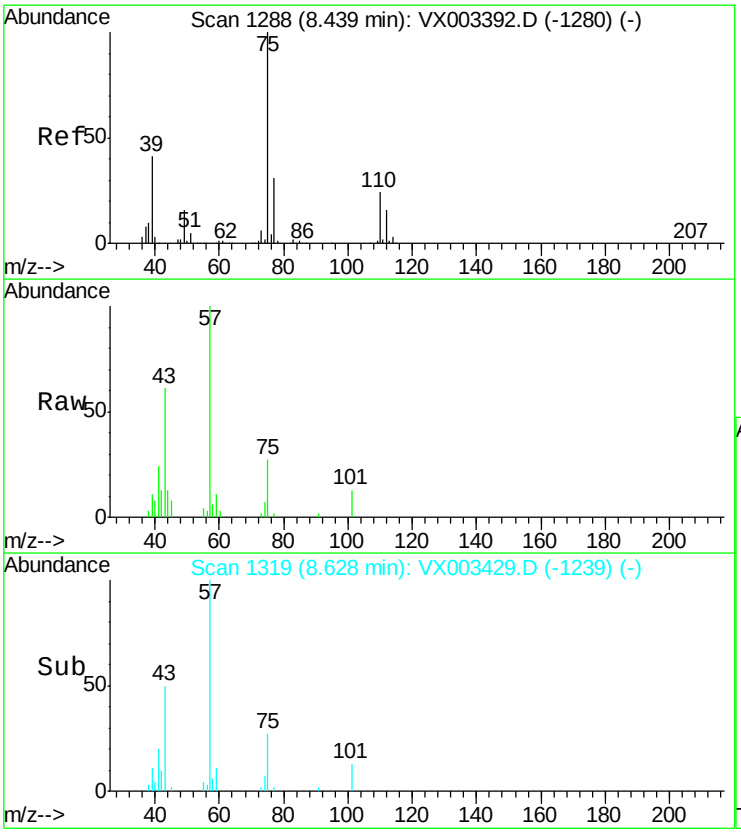
#51
4-Methyl-2-Pentanone
Concen: 0.73 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. -0.03 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 43 Resp: 3291

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#

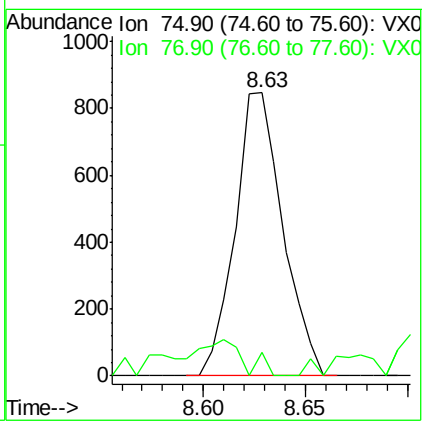


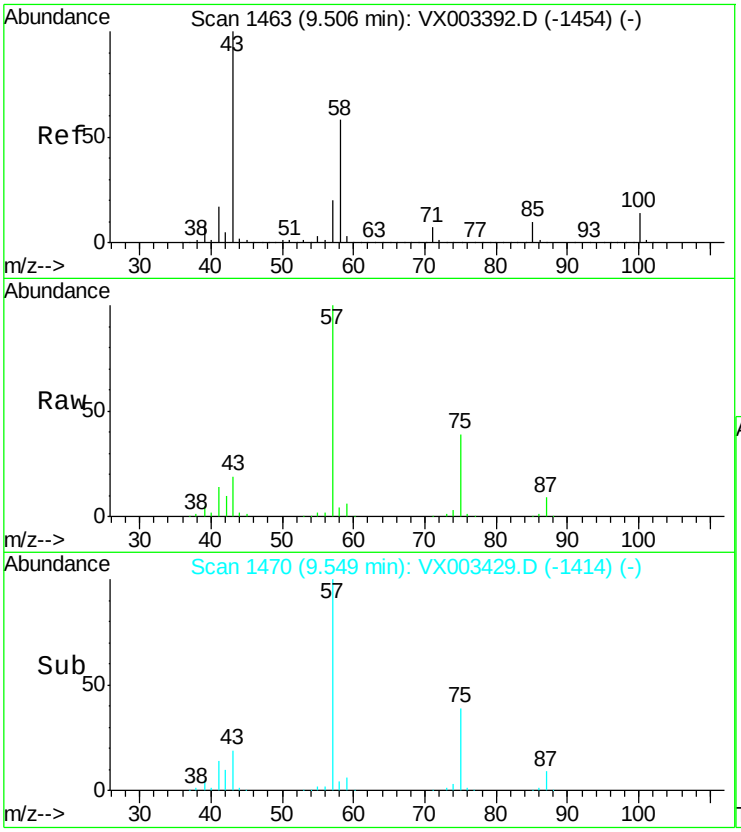


#53
t-1,3-Dichloropropene
Concen: 0.30 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. 0.19 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 75 Resp: 1378

Ion	Ratio	Lower	Upper
75	100		
77	2.0	25.4	38.2#



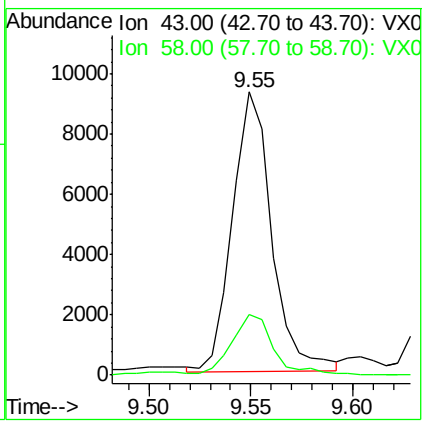


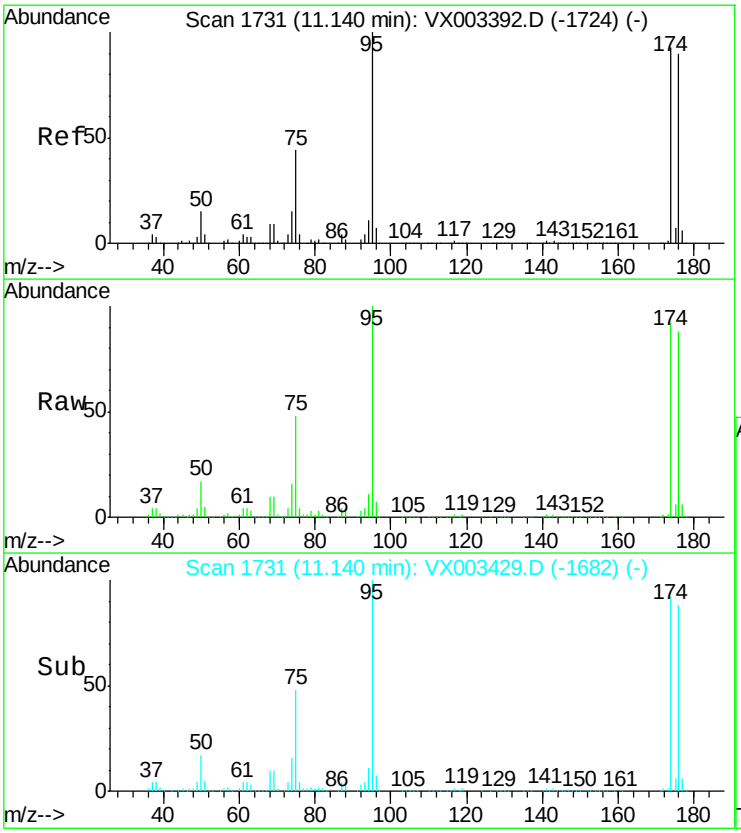
#59
2-Hexanone
Concen: 3.61 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 43 Resp: 12429

Ion	Ratio	Lower	Upper
43	100		
58	23.5	24.6	73.6#

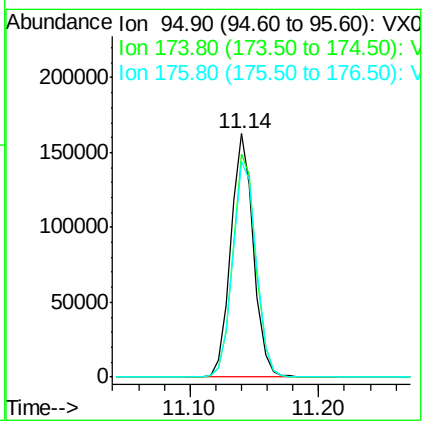


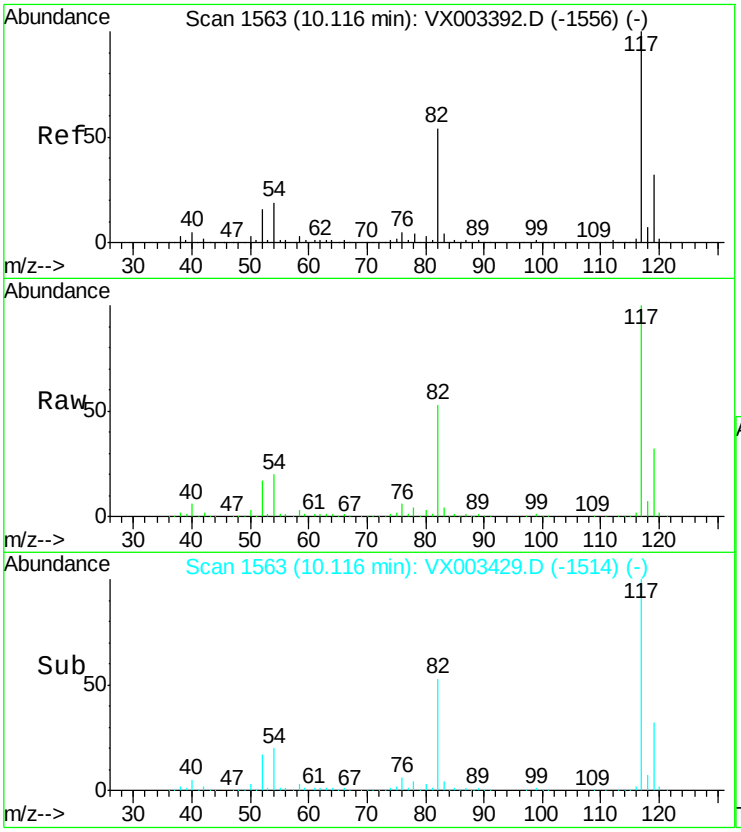


#62
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 95 Resp: 199338

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	187.4
176	92.0	0.0	181.0



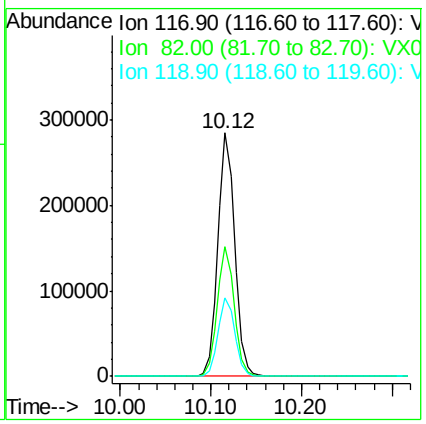


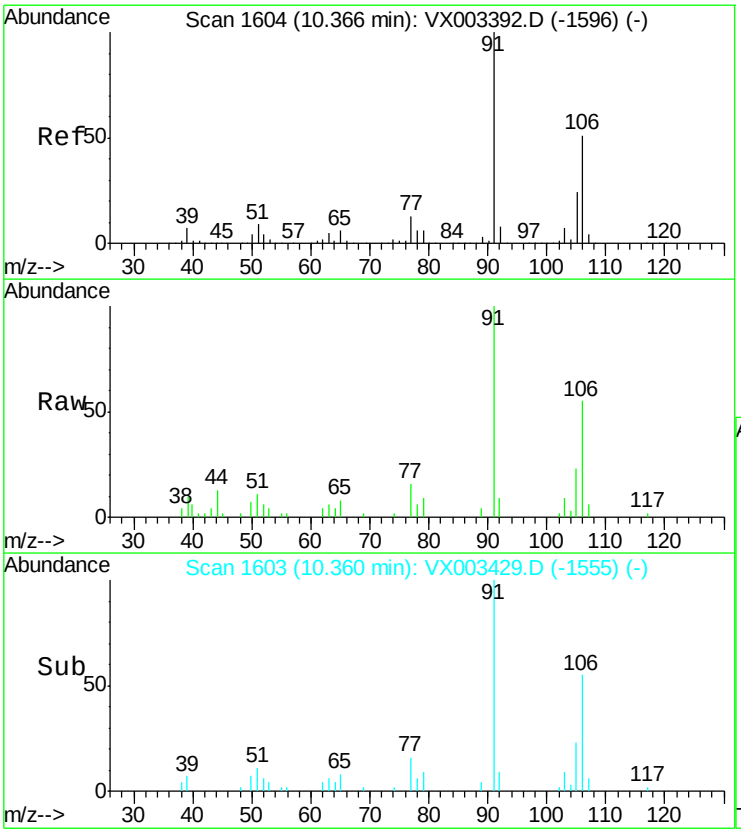
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument : MSVOA_X
ClientSampleId : TP-H-D

Tgt Ion:117 Resp: 371918

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.2	25.8	38.6

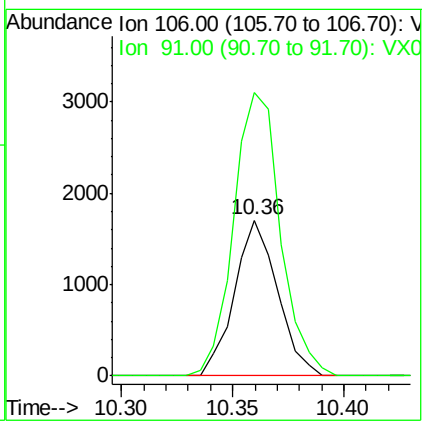


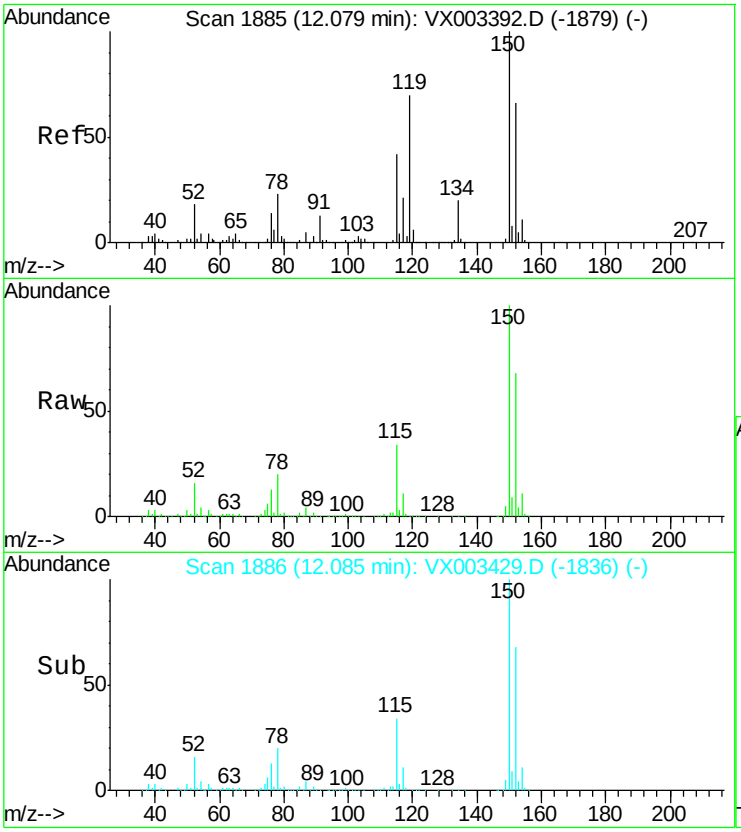


#68
m/p-Xylenes
Concen: 0.41 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion:106 Resp: 2298

Ion	Ratio	Lower	Upper
106	100		
91	197.8	163.4	245.2



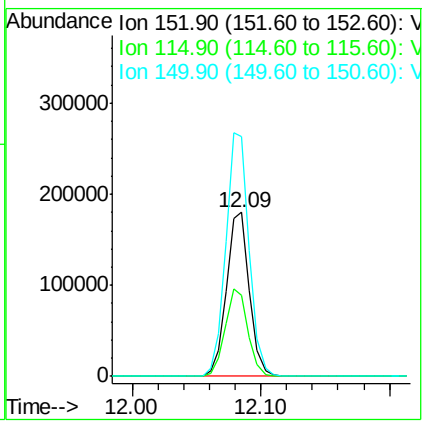


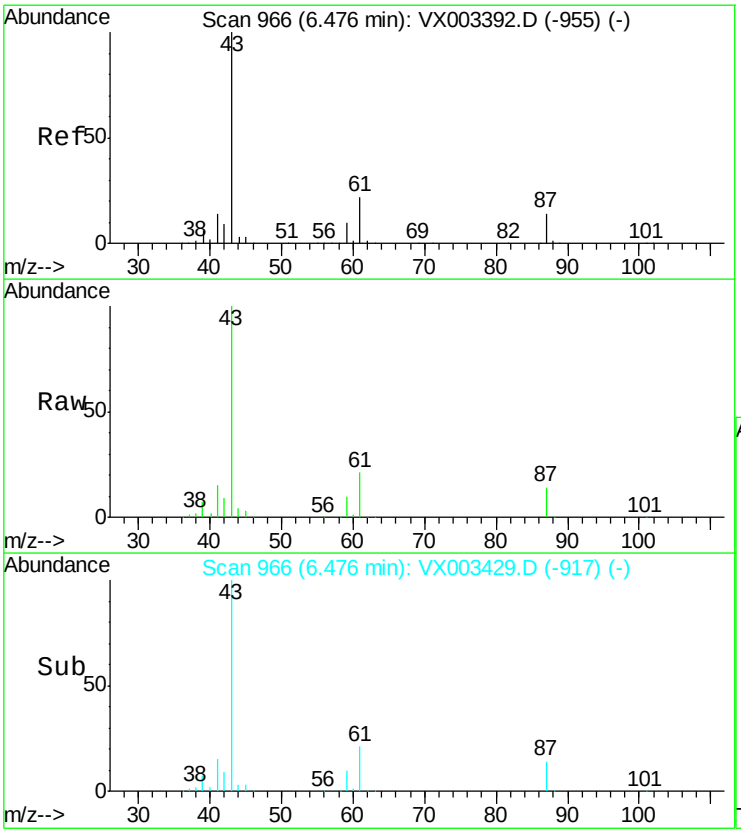
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion:152 Resp: 224311

Ion	Ratio	Lower	Upper
152	100		
115	53.1	40.1	120.2
150	151.1	0.0	347.2

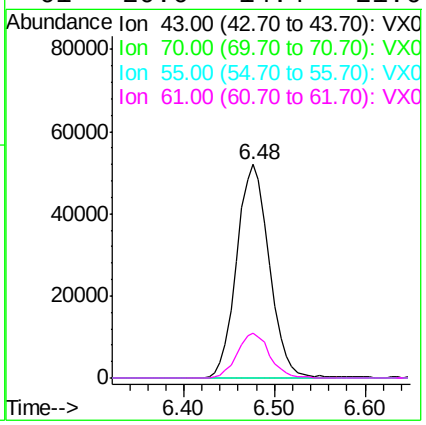


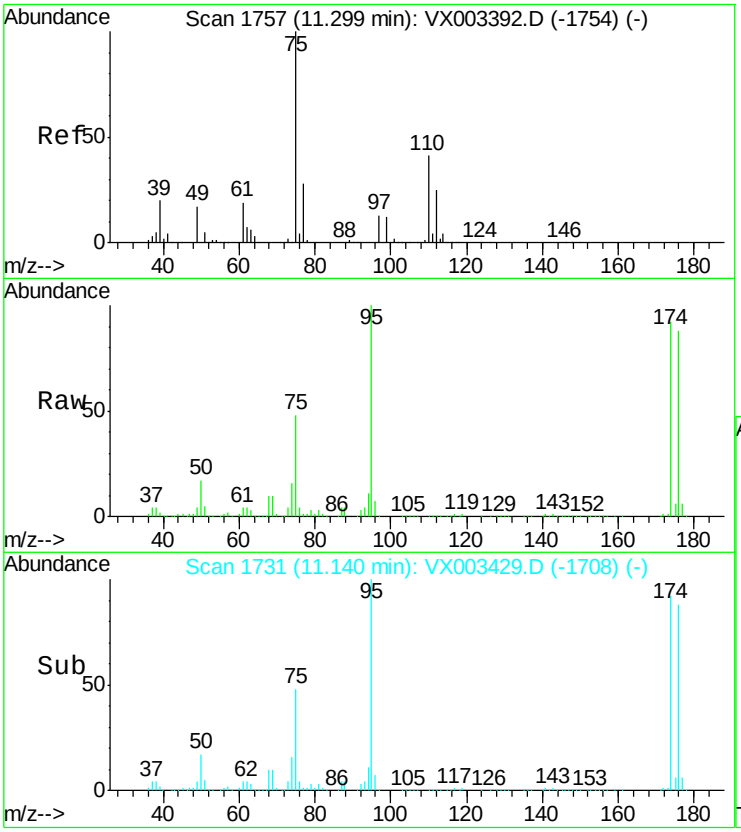


#74
N-amyl acetate
Concen: 18.77 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 43 Resp: 129676

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	20.6	14.4	21.6



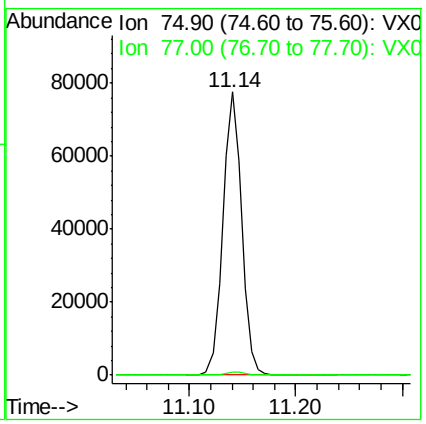


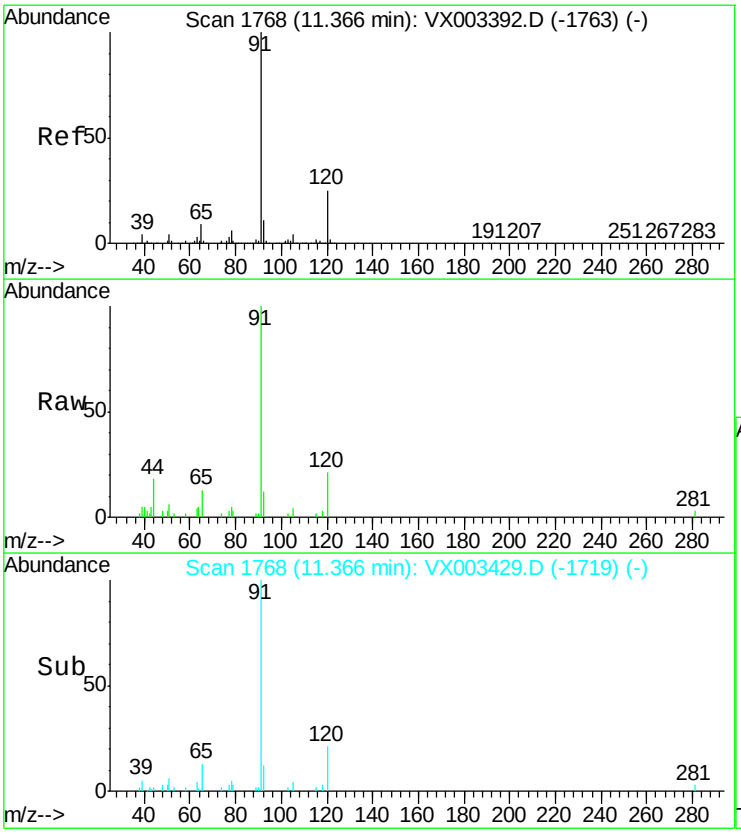
#76
1,2,3-Trichloropropane
Concen: 23.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion: 75 Resp: 95622

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

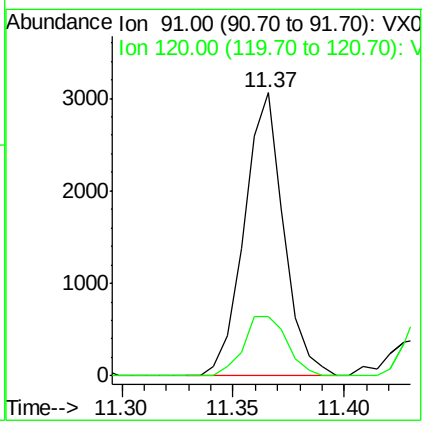


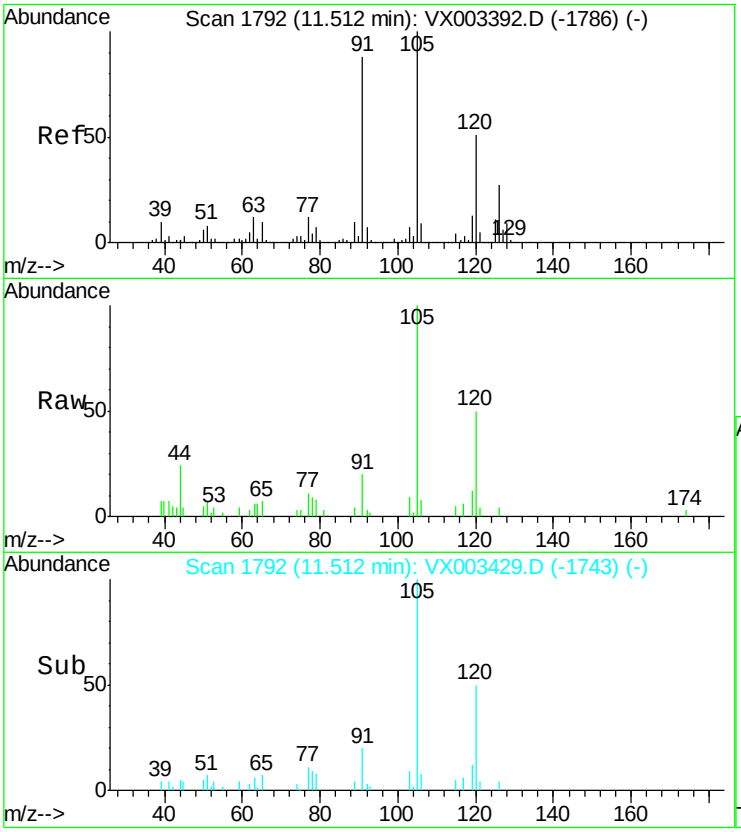


#78
n-propylbenzene
Concen: 0.24 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 91 Resp: 3771

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.4



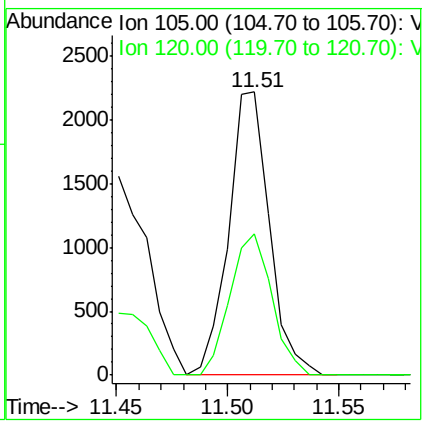


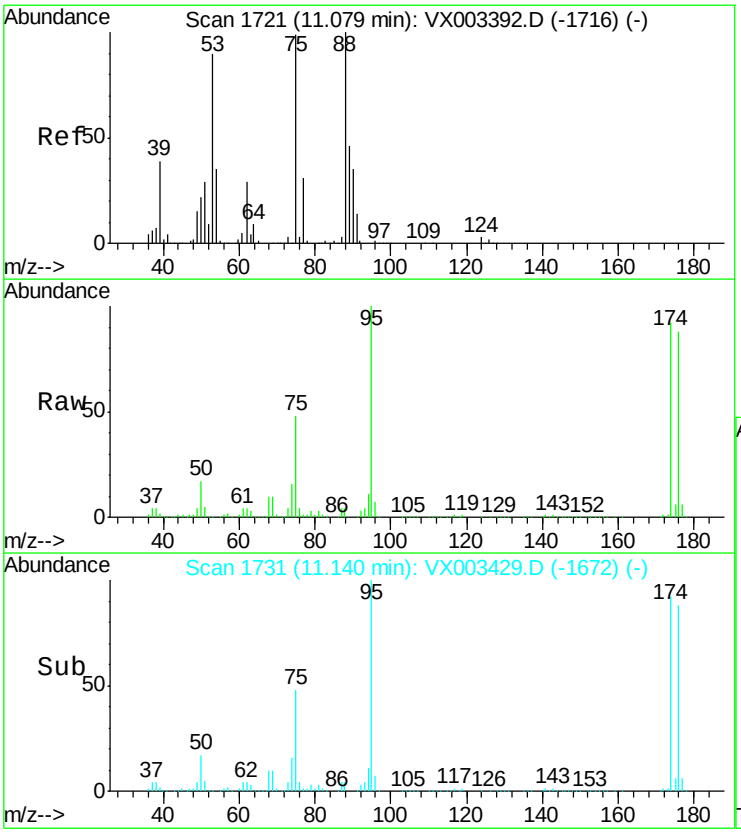
#80
1,3,5-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion:105 Resp: 2835

Ion	Ratio	Lower	Upper
105	100		
120	50.9	24.4	73.4

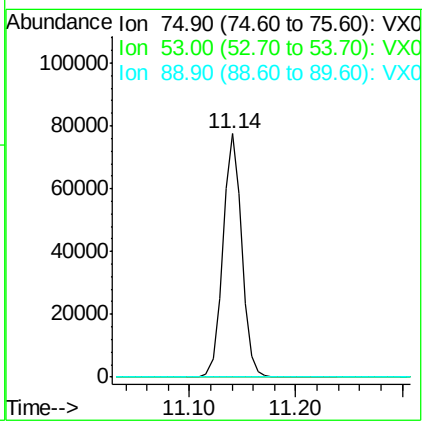


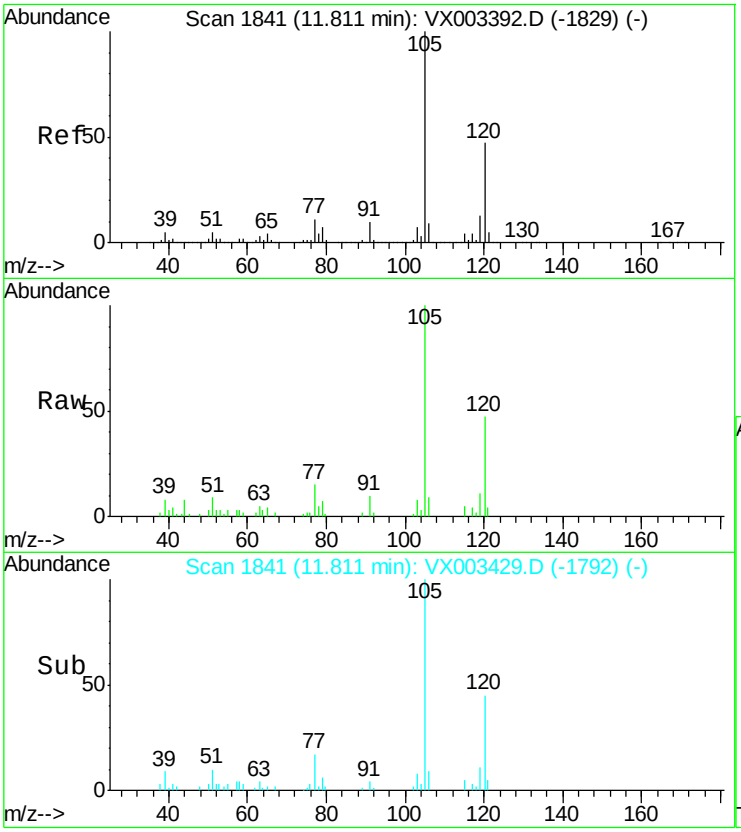


#81
trans-1,4-Dichloro-2-butene
Concen: 76.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 75 Resp: 95622

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#



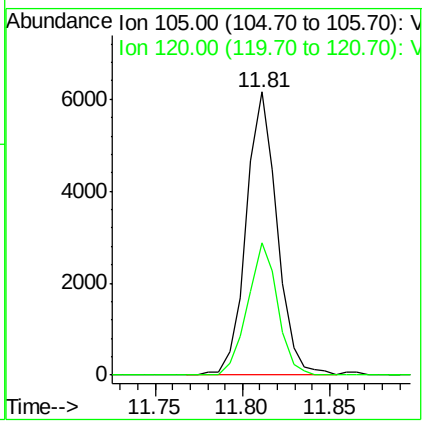


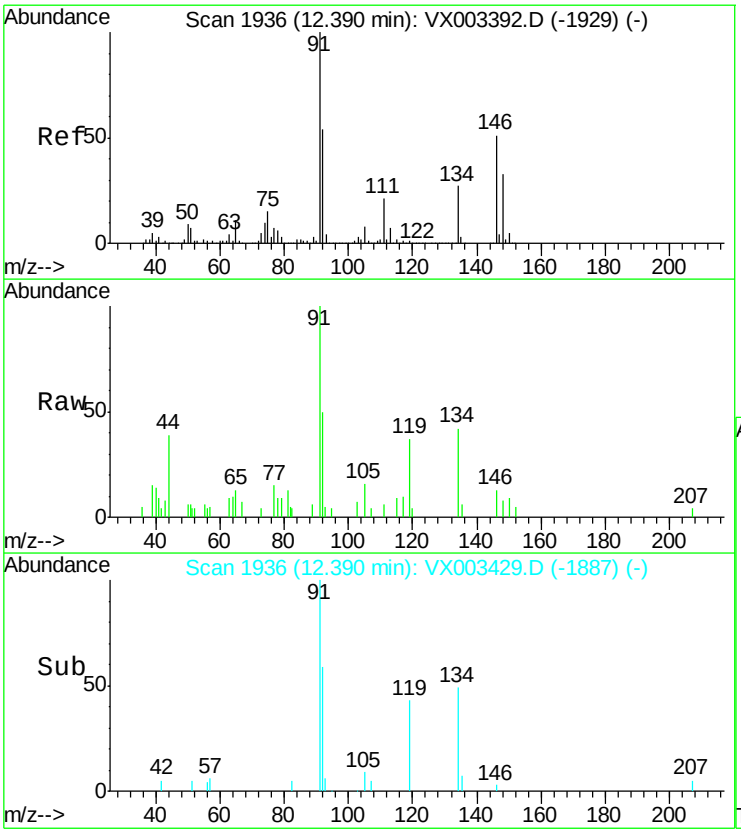
#84
1,2,4-Trimethylbenzene
Concen: 0.62 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion:105 Resp: 7513

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.8

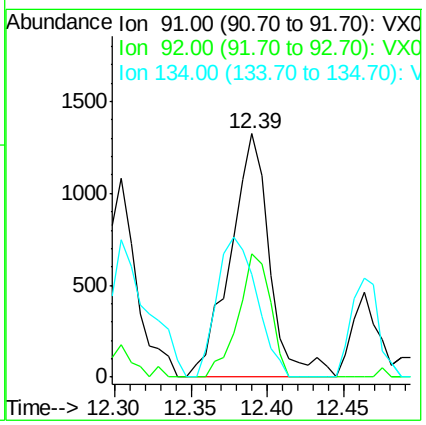


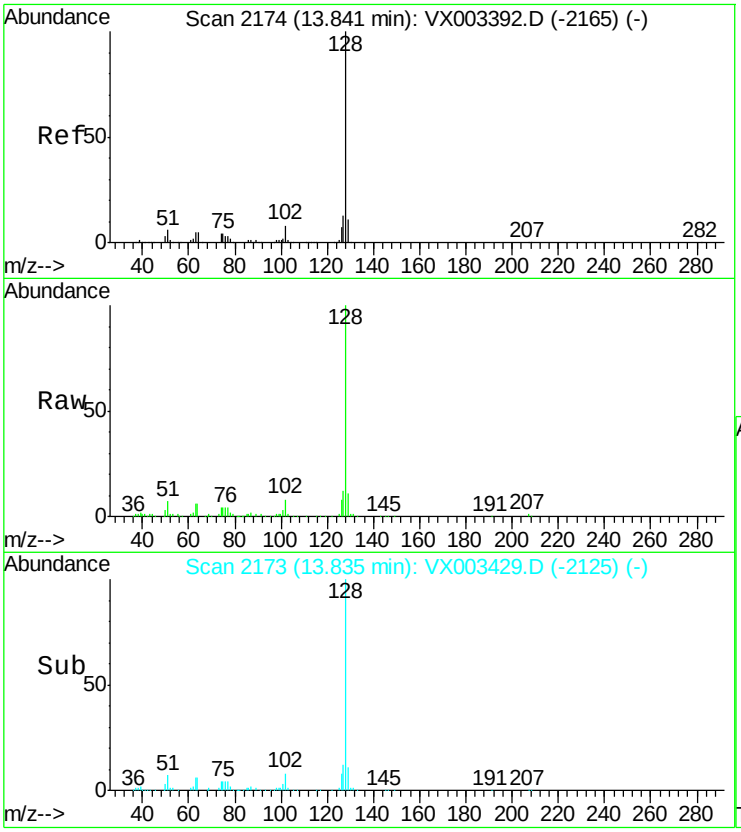


#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 91 Resp: 2363

Ion	Ratio	Lower	Upper
91	100		
92	41.3	26.0	78.0
134	58.7	13.5	40.5#





#95
Naphthalene
Concen: 2.64 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tgt Ion:128 Resp: 38873

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.0	8.6	13.0