Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070918\
Data File : VX003276.D
Acq On : 10 Jul 2018 05:50
Operator : JC/MD
Sample : J3891-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 212-72-11940-R4-VNJ-242

Quant Time: Jul 10 06:37:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	250473	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	345412	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	321961	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184949	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	158947	40.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.64%				
35) Dibromofluoromethane	5.51	113	135508	36.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.04%				
50) Toluene-d8	8.72	98	486495	36.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.82%				
62) 4-Bromofluorobenzene	11.14	95	169067	34.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 69.42%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	789	0.23	ug/l	#	67
5) Bromomethane	1.65	94	1497	Below Cal			82
6) Chloroethane	1.68	64	750	0.38	ug/l	#	43
10) Methyl Iodide	2.52	142	1291	5.99	ug/l		98
11) Tert butyl alcohol	3.08	59	648	0.91	ug/l	#	82
13) Acrolein	2.31	56	179	0.31	ug/l	#	14
14) Allyl chloride	2.86	41	19325	3.71	ug/l	#	26
16) Acetone	2.45	43	26553	18.97	ug/l		94
18) Methyl Acetate	2.78	43	22315	5.65	ug/l		96
20) Methylene Chloride	2.86	84	483147	170.17	ug/l		93
25) 2-Butanone	4.72	43	6395	2.58	ug/l		92
29) Tetrahydrofuran	5.18	42	2177	1.35	ug/l	#	80
30) Chloroform	5.21	83	1819	0.30	ug/l	#	71
31) Cyclohexane	5.67	56	4349	0.84	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	15820	3.24	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21950	4.10	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.65	43	1499	0.29	ug/l	#	82
68) m/p-Xylenes	10.36	106	1580	0.23	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	83886	20.99	ug/l	#	33
78) n-propylbenzene	11.37	91	3755	0.23	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	2812	0.23	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	83886	68.59	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	7462	0.60	ug/l		97
89) n-Butylbenzene	12.39	91	2624	0.24	ug/l	#	59
90) Hexachloroethane	12.59	117	471	0.24	ug/l	#	1
95) Naphthalene	13.84	128	333456	22.55	ug/l		99

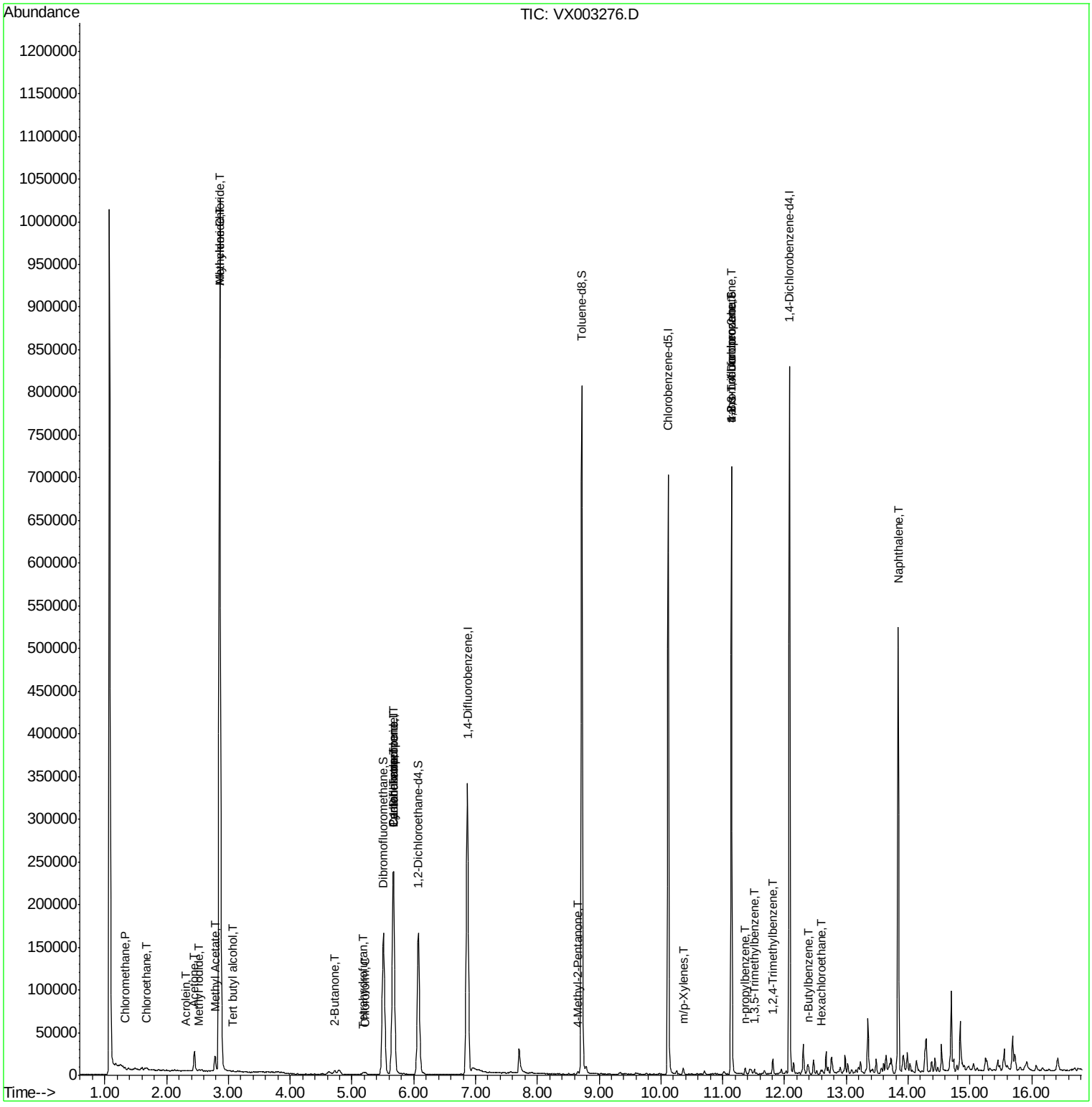
(#) = qualifier out of range (m) = manual integration (+) = signals summed

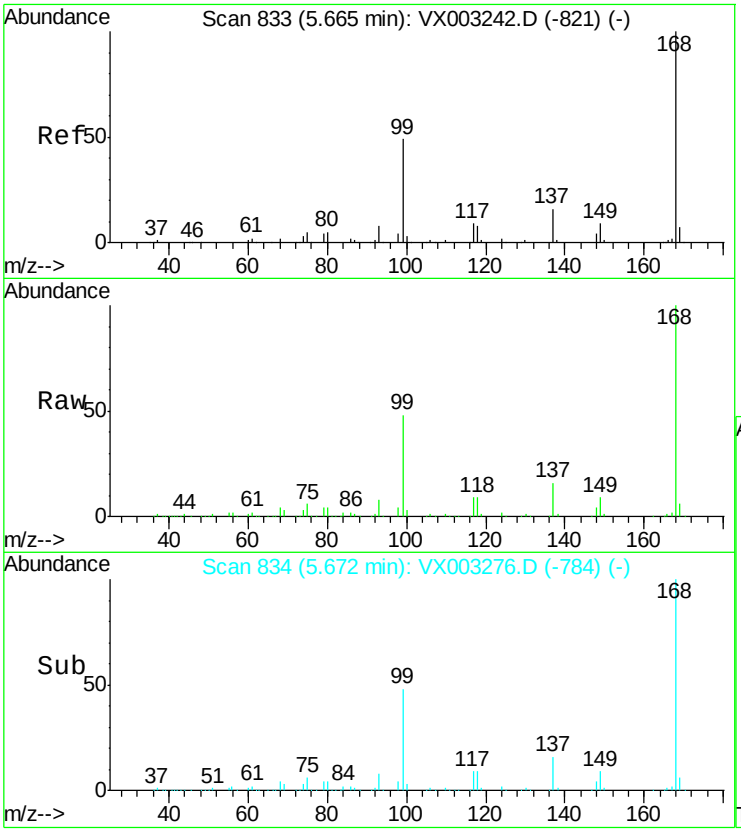
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070918\
Data File : VX003276.D
Acq On : 10 Jul 2018 05:50
Operator : JC/MD
Sample : J3891-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Quant Time: Jul 10 06:37:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration



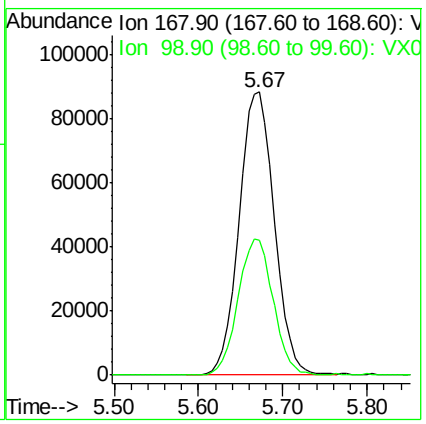


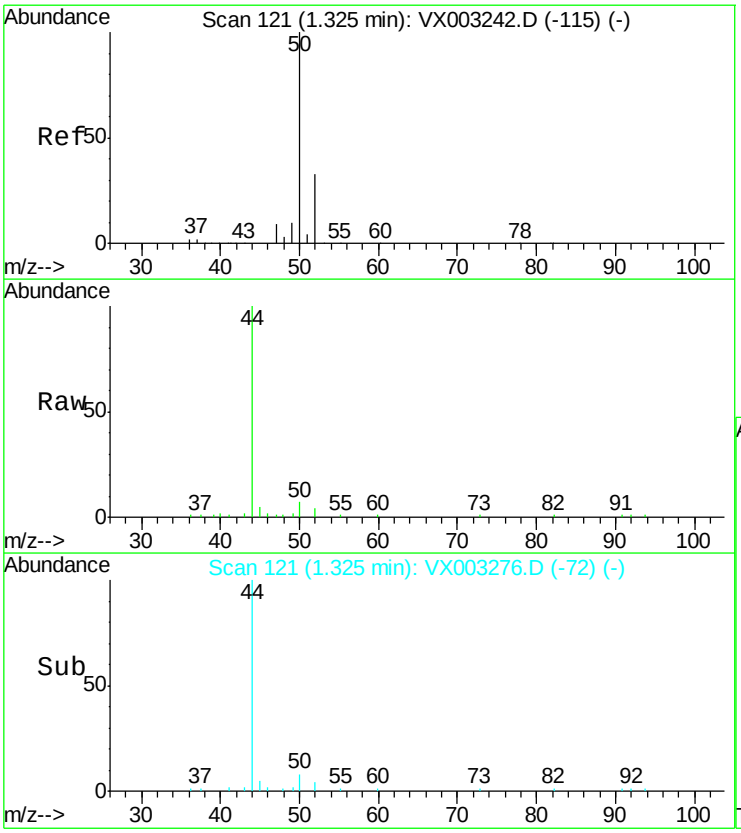
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:168 Resp: 250473

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.3	58.9

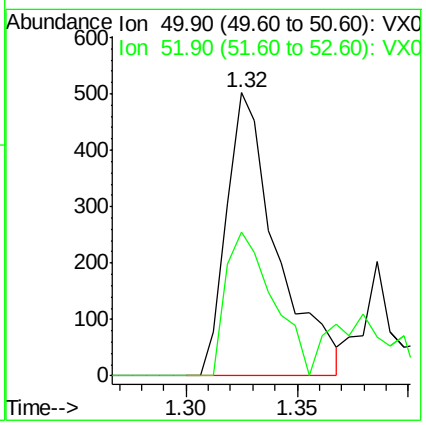


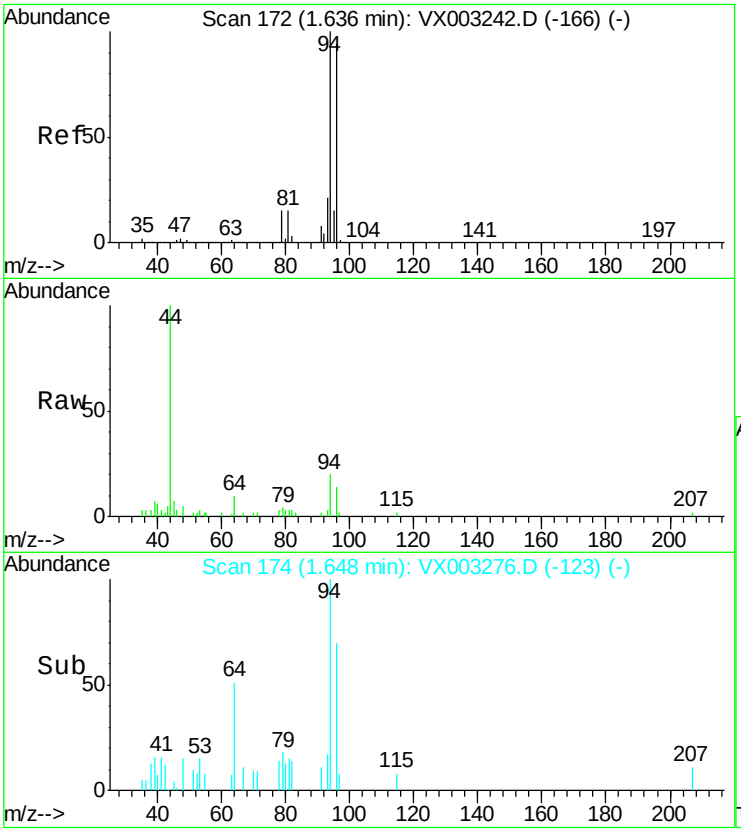


#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 50 Resp: 789

Ion	Ratio	Lower	Upper
50	100		
52	50.8	25.7	38.5#



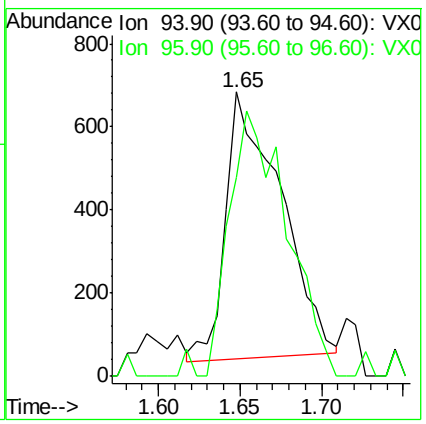


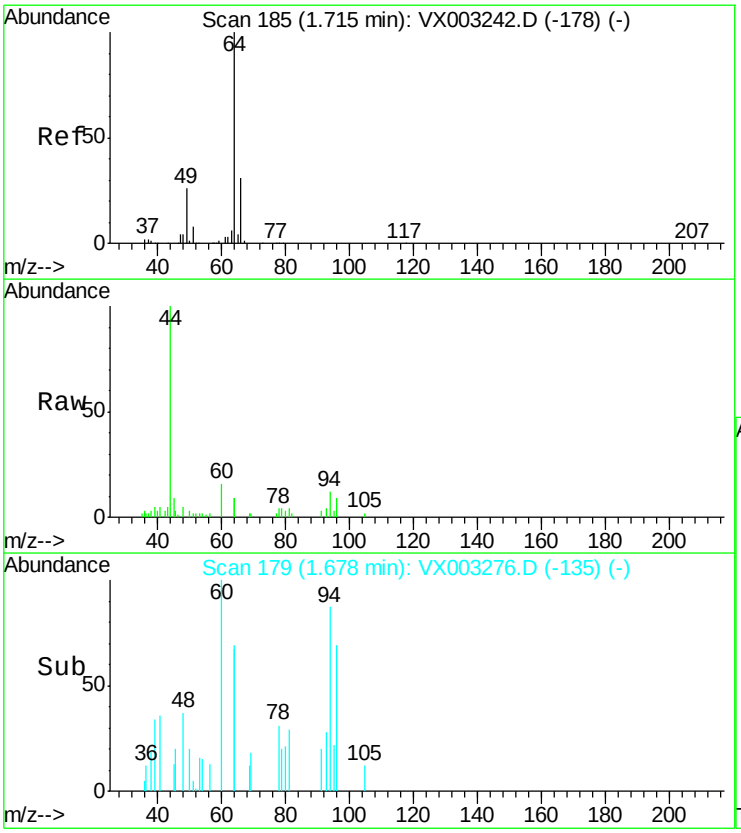
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 94 Resp: 1497

Ion	Ratio	Lower	Upper
94	100		
96	76.0	74.9	112.3

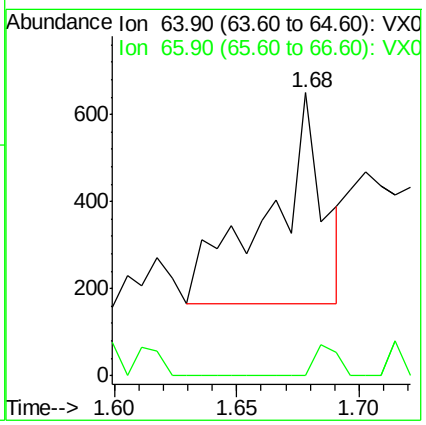


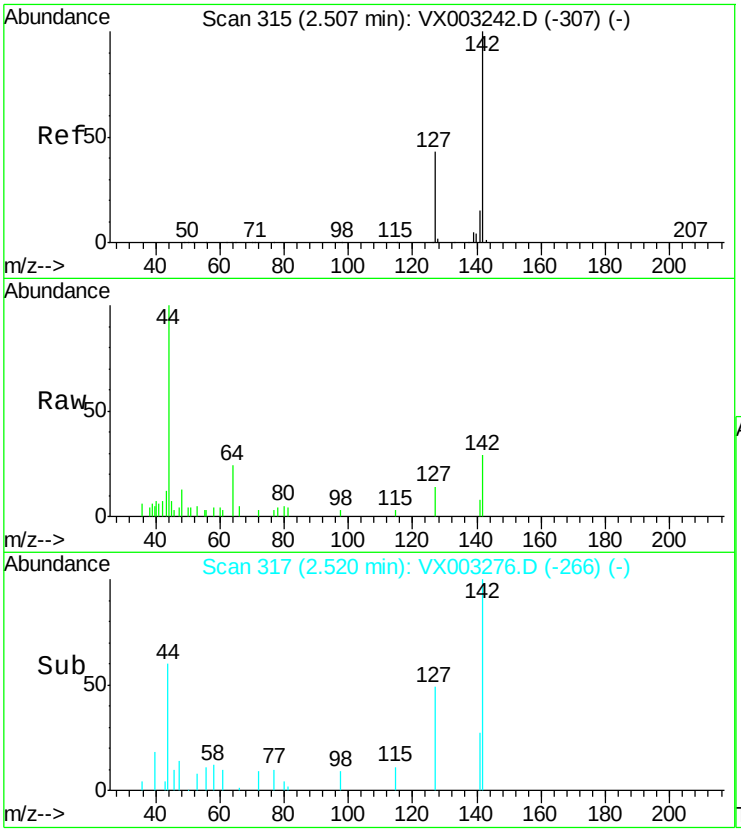


#6
Chloroethane
Concen: 0.38 ug/l
RT: 1.68 min Scan# 179
Delta R.T. -0.03 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 64 Resp: 750

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



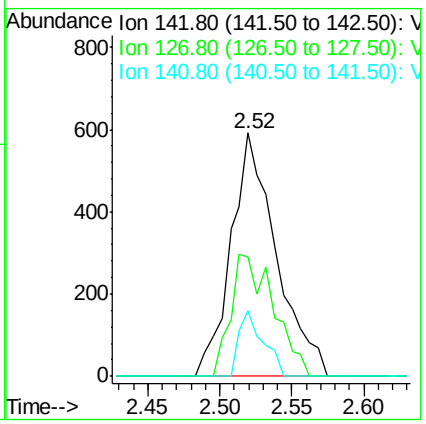


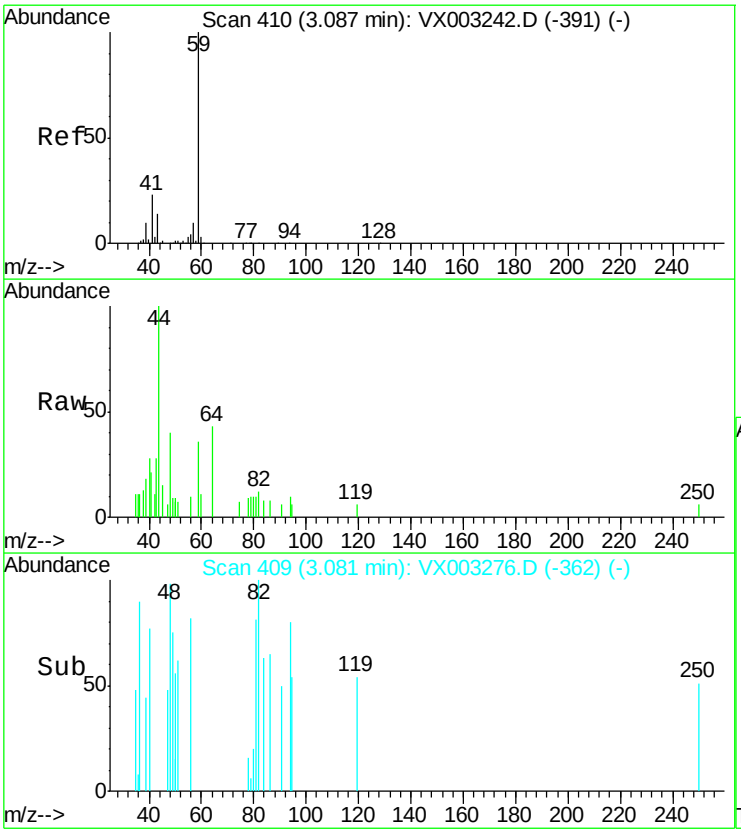
#10
Methyl Iodide
Concen: 5.99 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:142 Resp: 1291

Ion	Ratio	Lower	Upper
142	100		
127	47.4	36.6	55.0
141	14.3	11.3	16.9

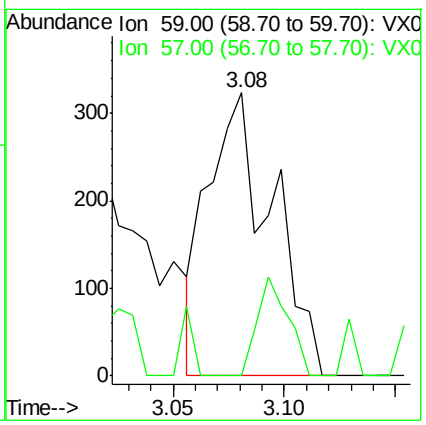


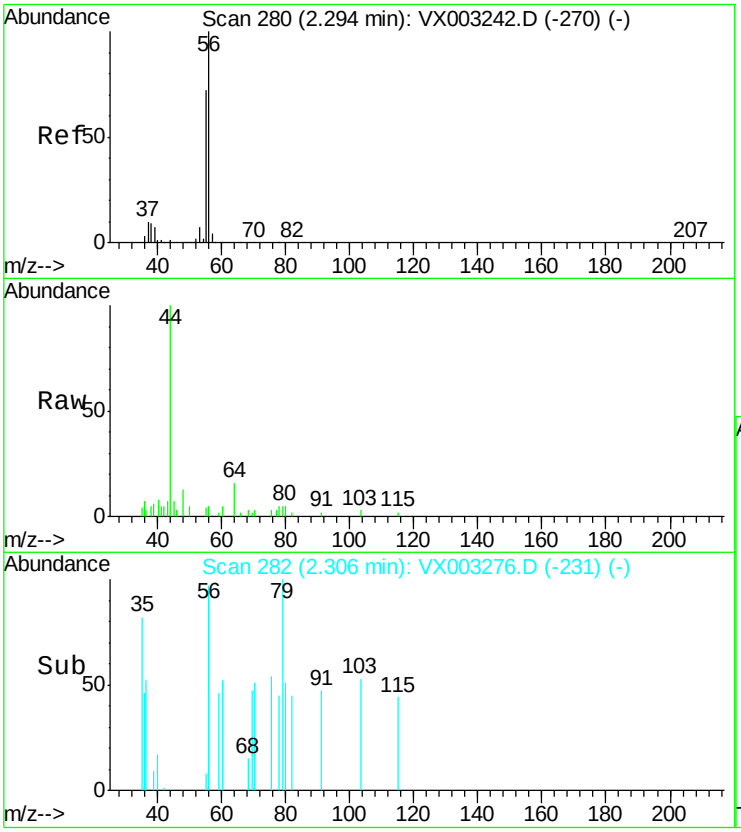


#11
Tert butyl alcohol
Concen: 0.91 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 59 Resp: 648

Ion	Ratio	Lower	Upper
59	100		
57	16.8	8.2	12.2#



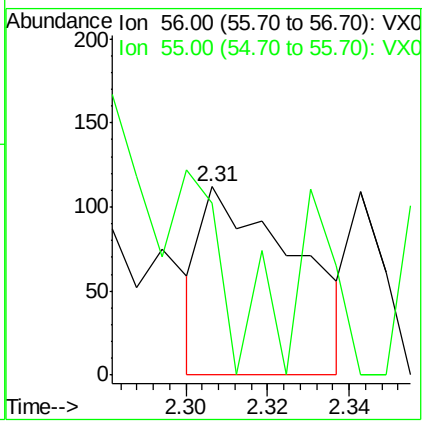


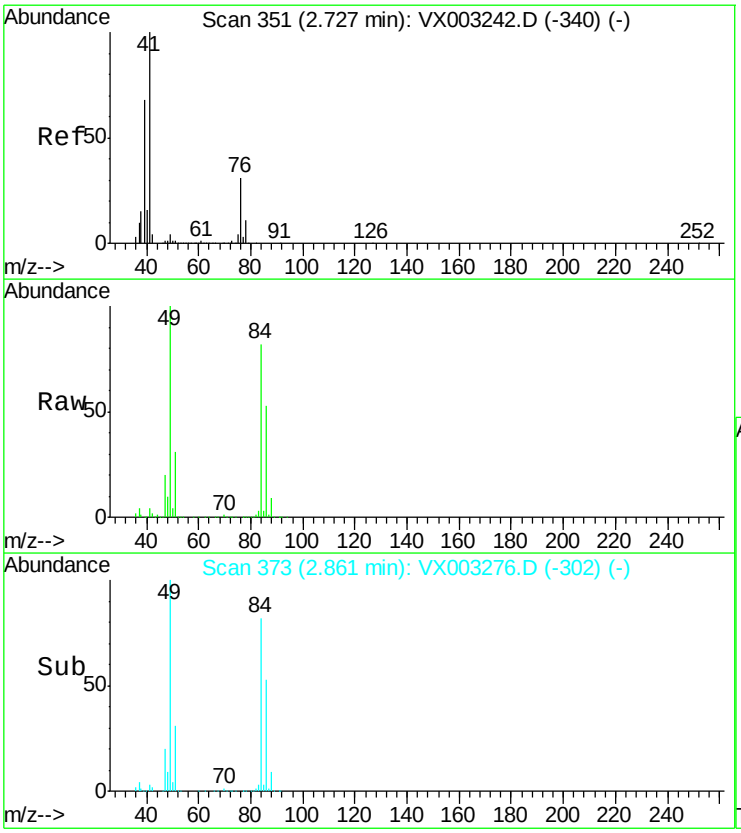
#13
Acrolein
Concen: 0.31 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 56 Resp: 179

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

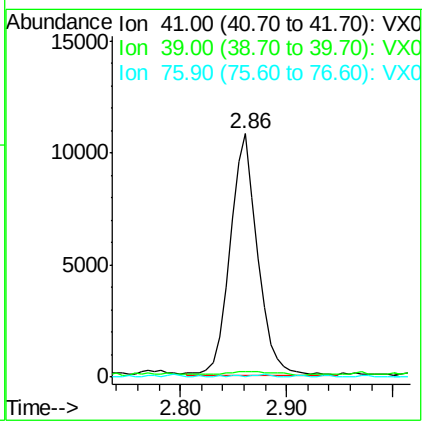


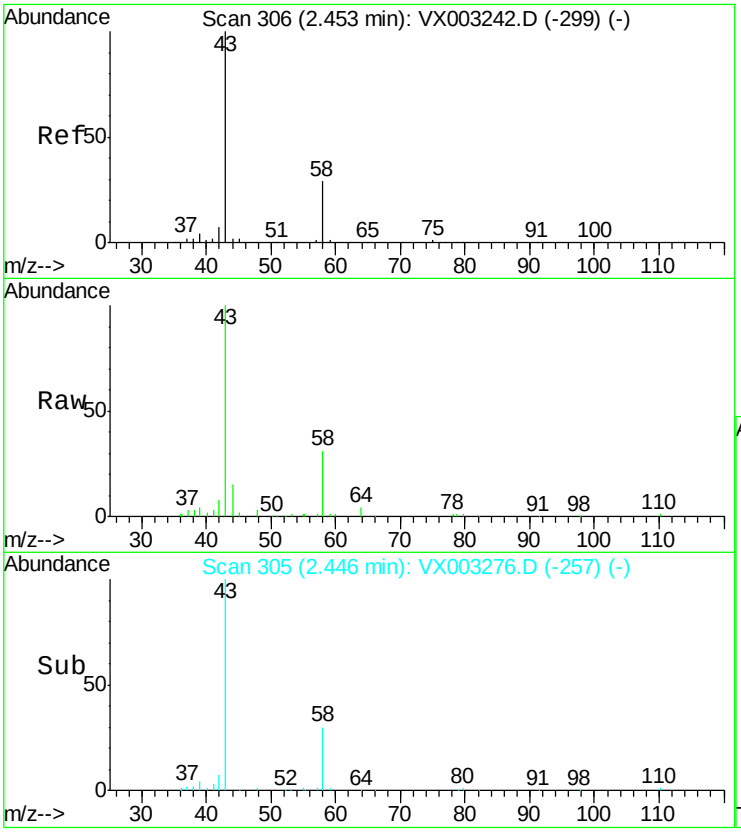


#14
Allyl chloride
Concen: 3.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.13 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 41 Resp: 19325

Ion	Ratio	Lower	Upper
41	100		
39	3.4	56.8	85.2#
76	0.2	23.8	35.8#

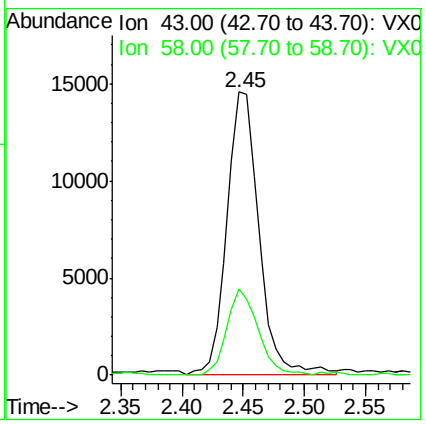




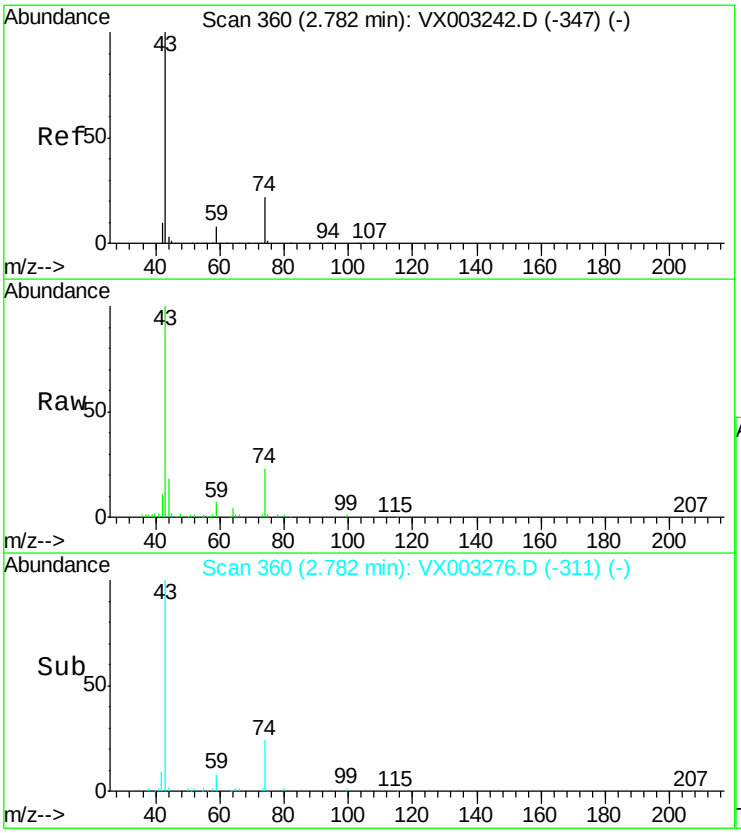
#16
Acetone
Concen: 18.97 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 43 Resp: 26553

Ion	Ratio	Lower	Upper
43	100		
58	30.6	22.1	33.1



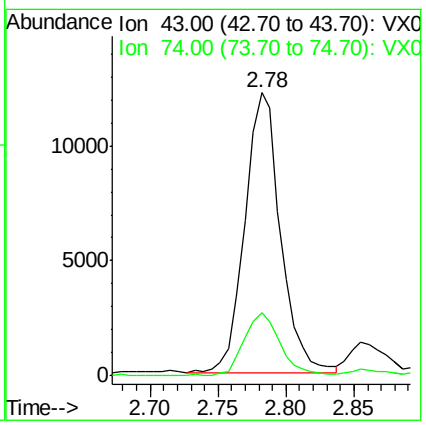
Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

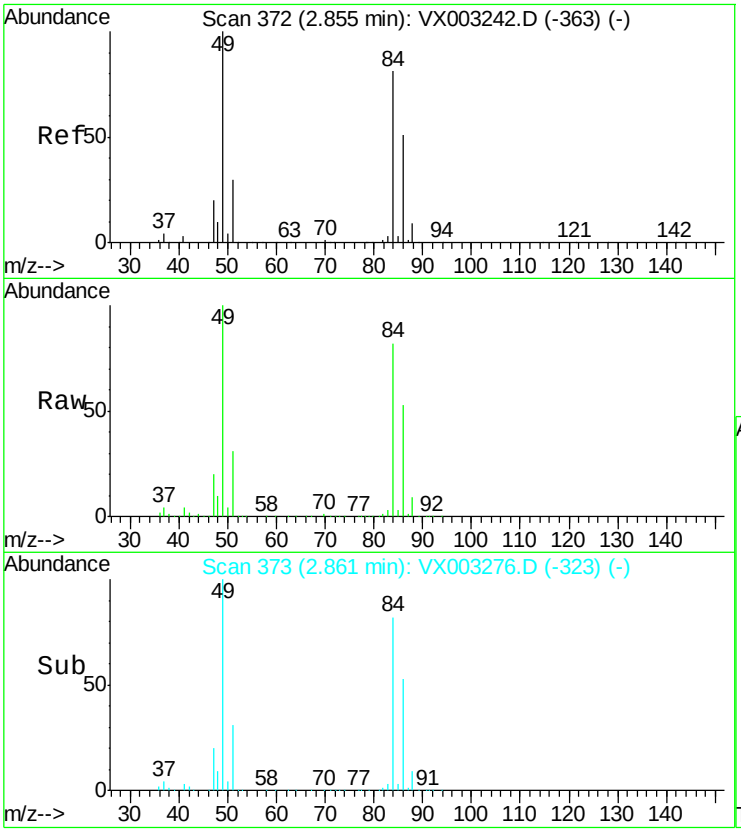


#18
Methyl Acetate
Concen: 5.65 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 43 Resp: 22315

Ion	Ratio	Lower	Upper
43	100		
74	22.9	16.7	25.1



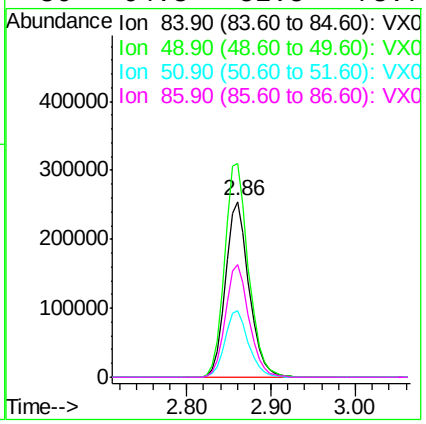


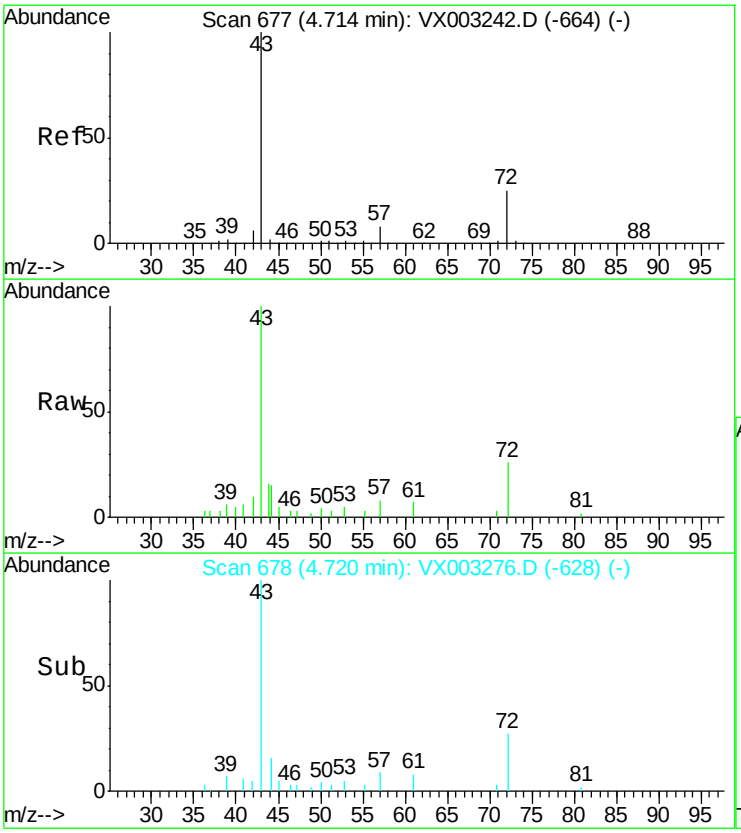
#20
Methylene Chloride
Concen: 170.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 84 Resp: 483147

Ion	Ratio	Lower	Upper
84	100		
49	121.5	107.8	161.6
51	37.9	32.8	49.2
86	64.3	52.5	78.7

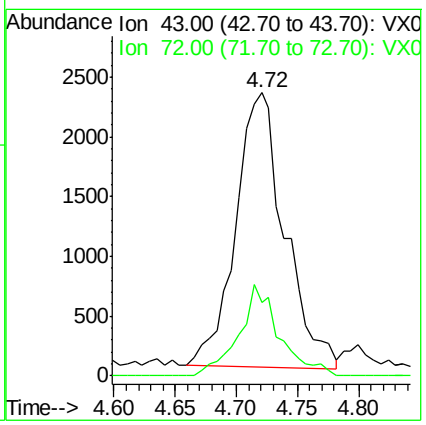


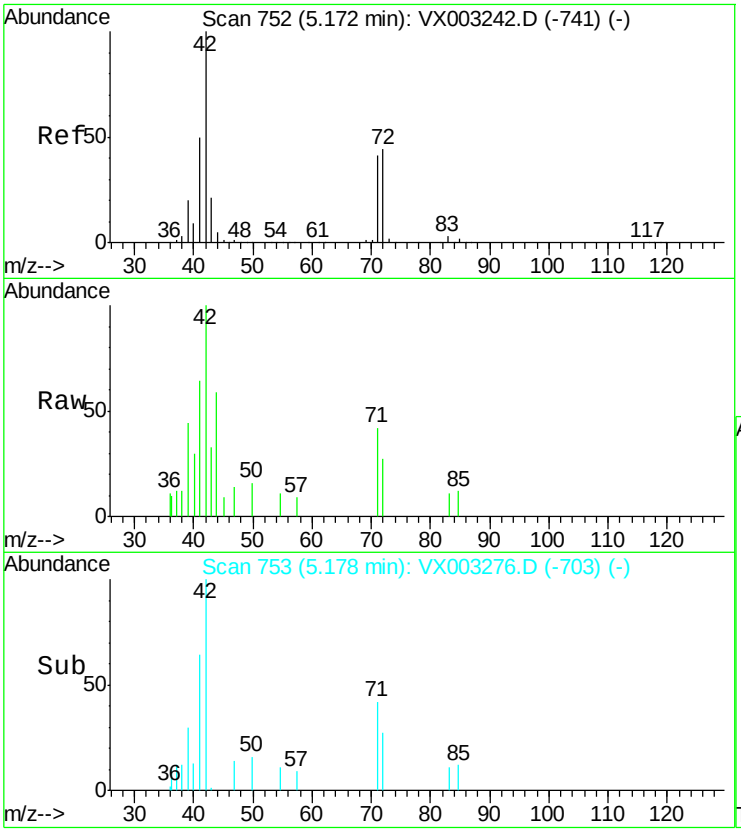


#25
2-Butanone
Concen: 2.58 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 43 Resp: 6395

Ion	Ratio	Lower	Upper
43	100		
72	26.8	18.5	27.7



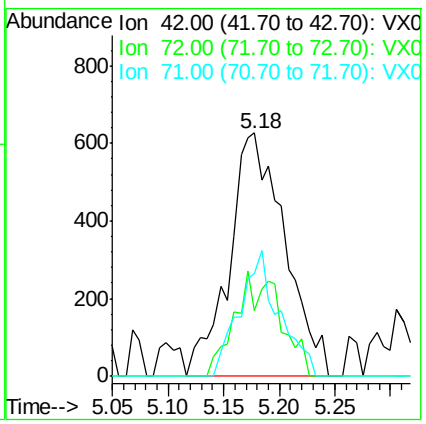


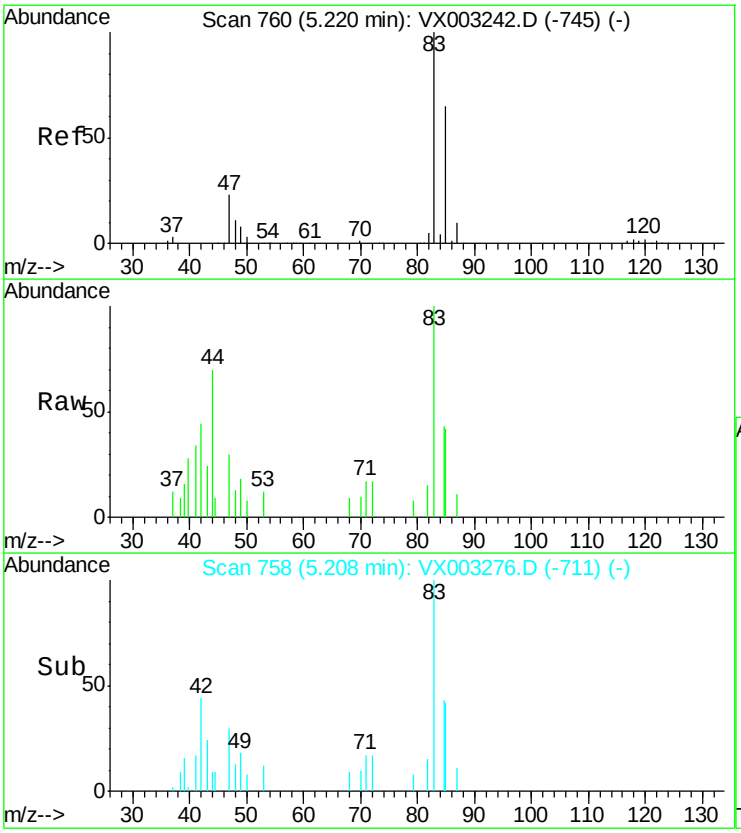
#29
Tetrahydrofuran
Concen: 1.35 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 42 Resp: 2177

Ion	Ratio	Lower	Upper
42	100		
72	16.5	32.0	48.0#
71	36.6	30.1	45.1

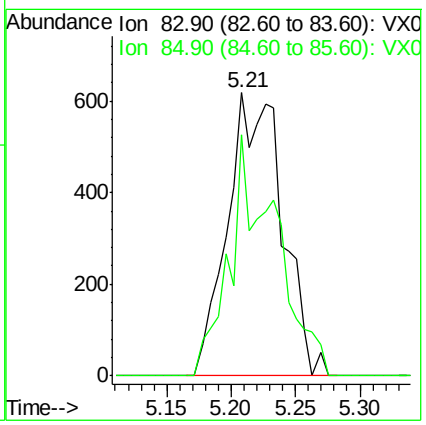


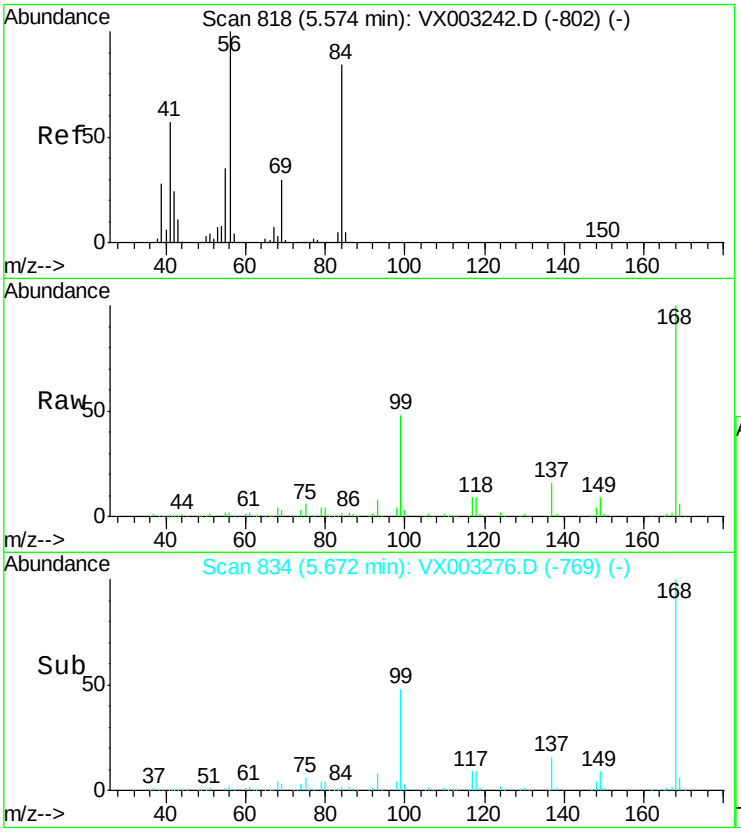


#30
Chloroform
Concen: 0.30 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 83 Resp: 1819

Ion	Ratio	Lower	Upper
83	100		
85	85.3	50.4	75.6#



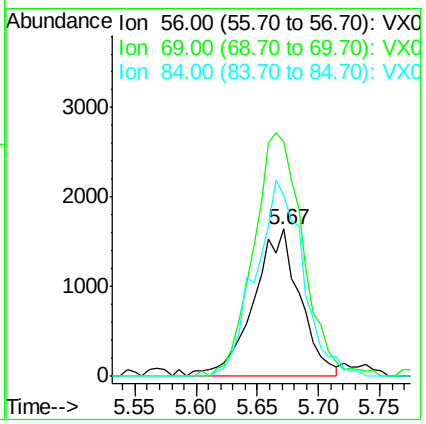


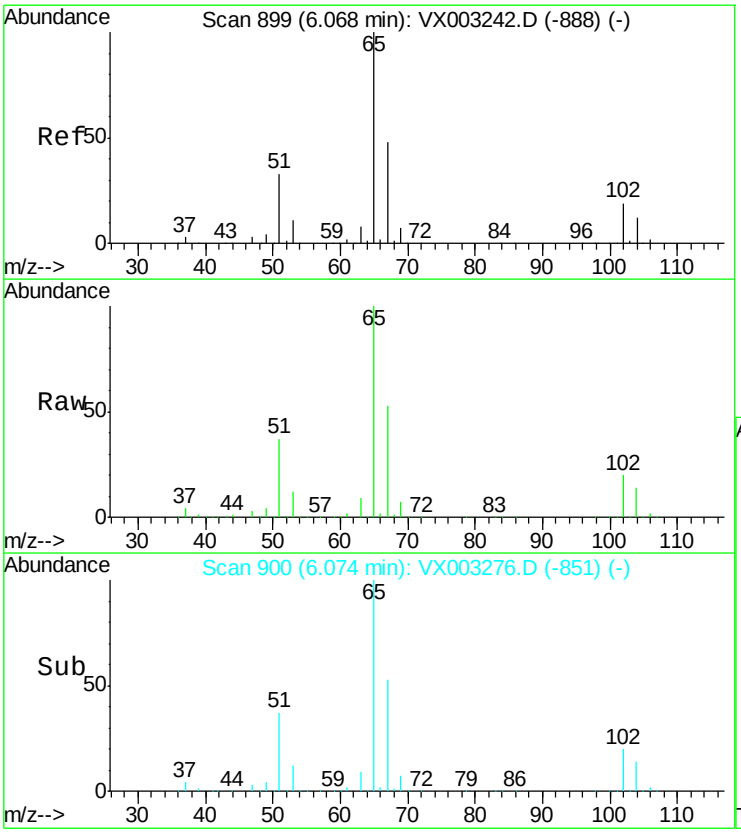
#31
Cyclohexane
Concen: 0.84 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 56 Resp: 4349

Ion	Ratio	Lower	Upper
56	100		
69	158.9	23.7	35.5#
84	122.3	64.1	96.1#

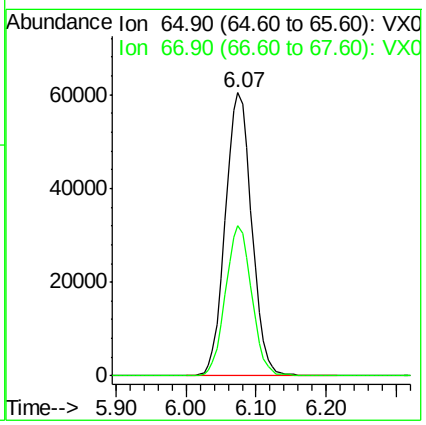


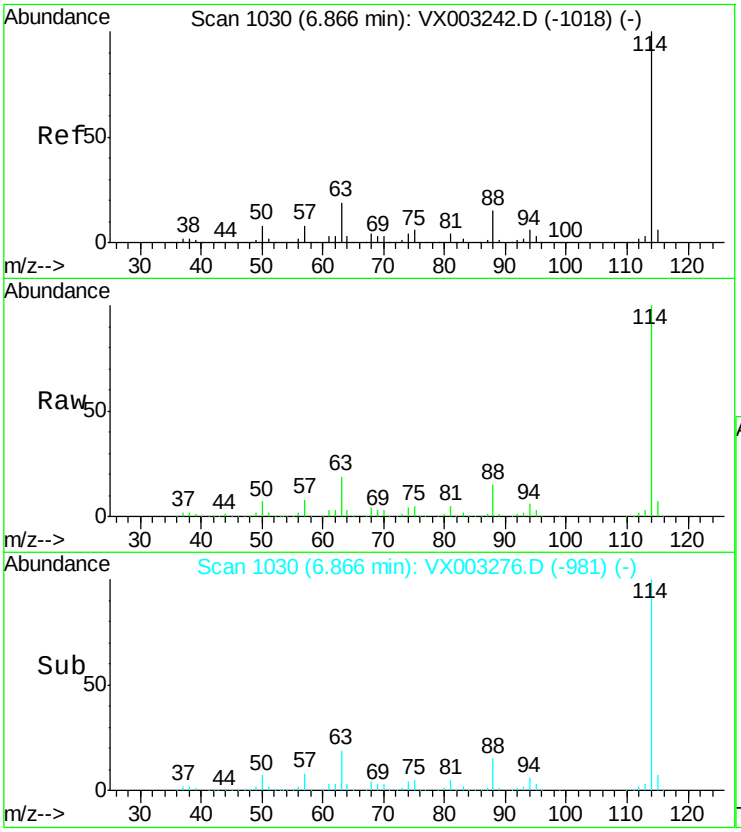


#33
1,2-Dichloroethane-d4
Concen: 40.32 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 65 Resp: 158947

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.6



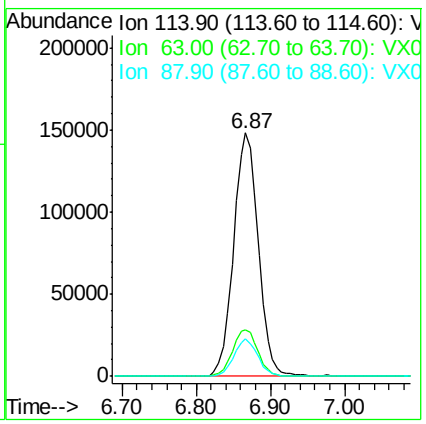


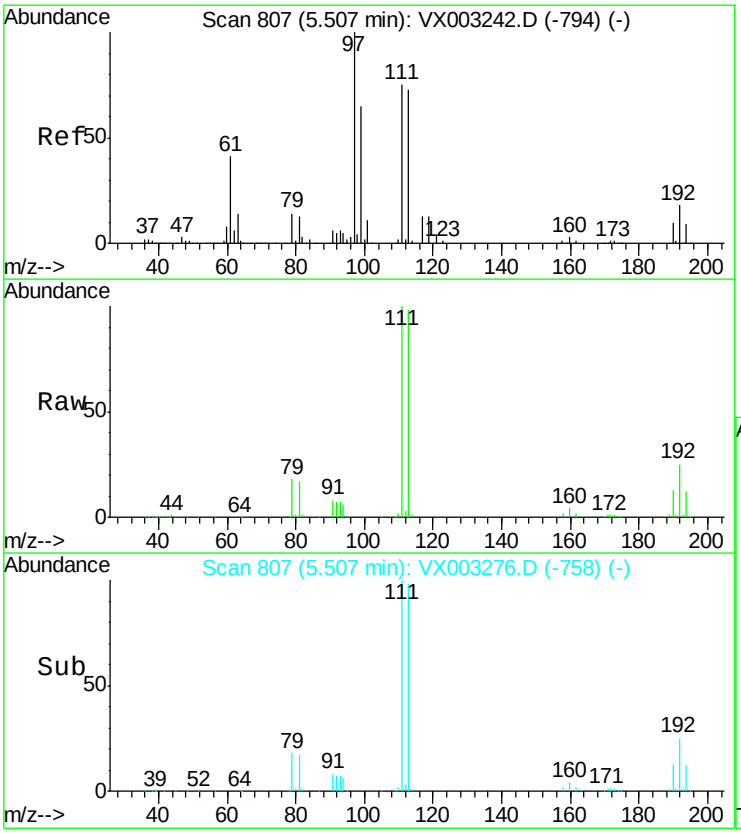
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:114 Resp: 345412

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	15.2	0.0	30.0

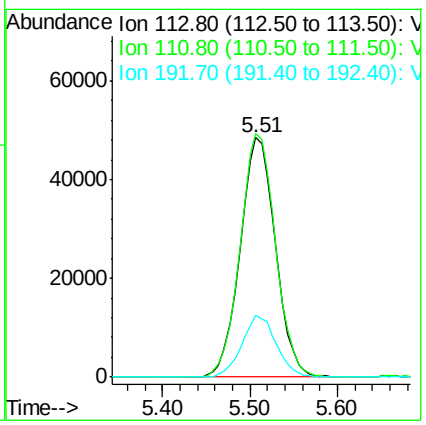


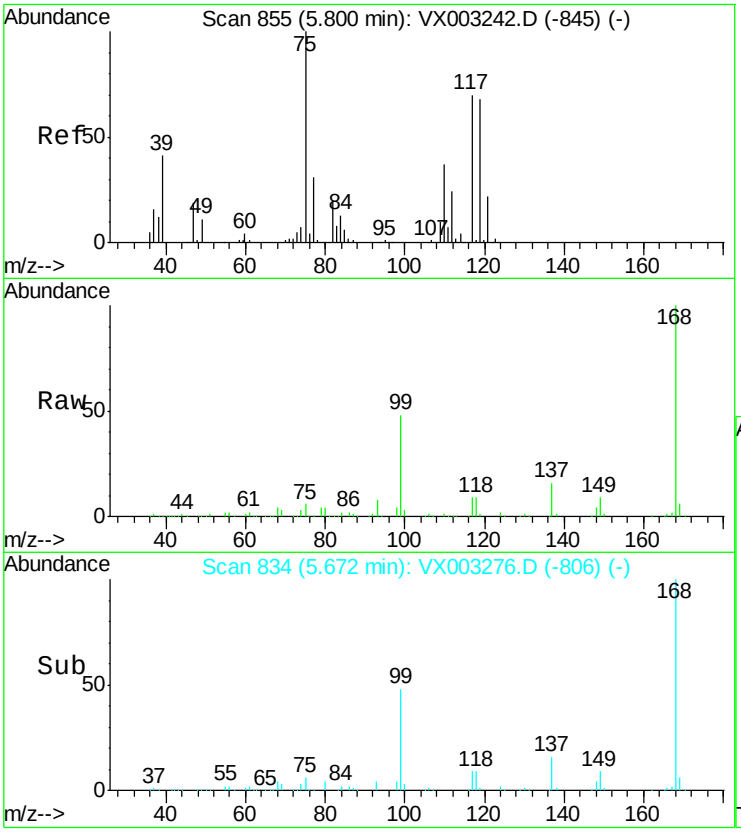


#35
Dibromofluoromethane
Concen: 36.52 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion:113 Resp: 135508

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	25.2	19.1	28.7



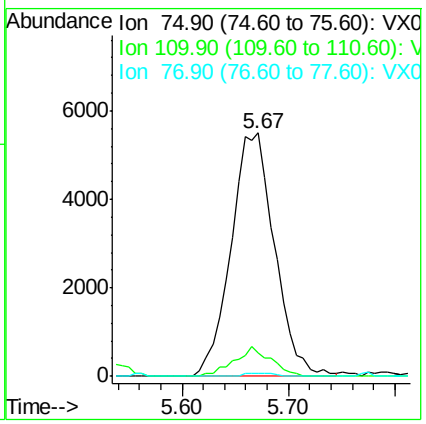


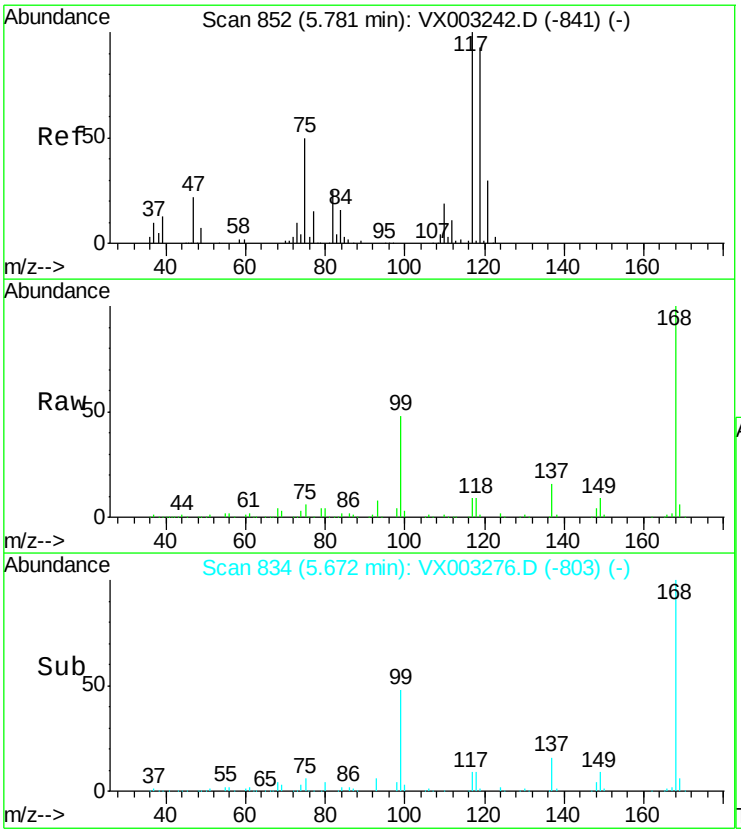
#36
1,1-Dichloropropene
Concen: 3.24 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 75 Resp: 15820

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.9	24.3	36.5#

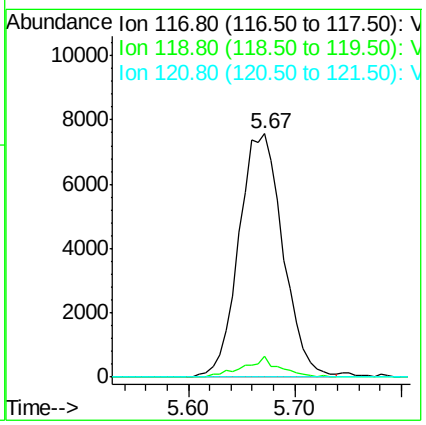


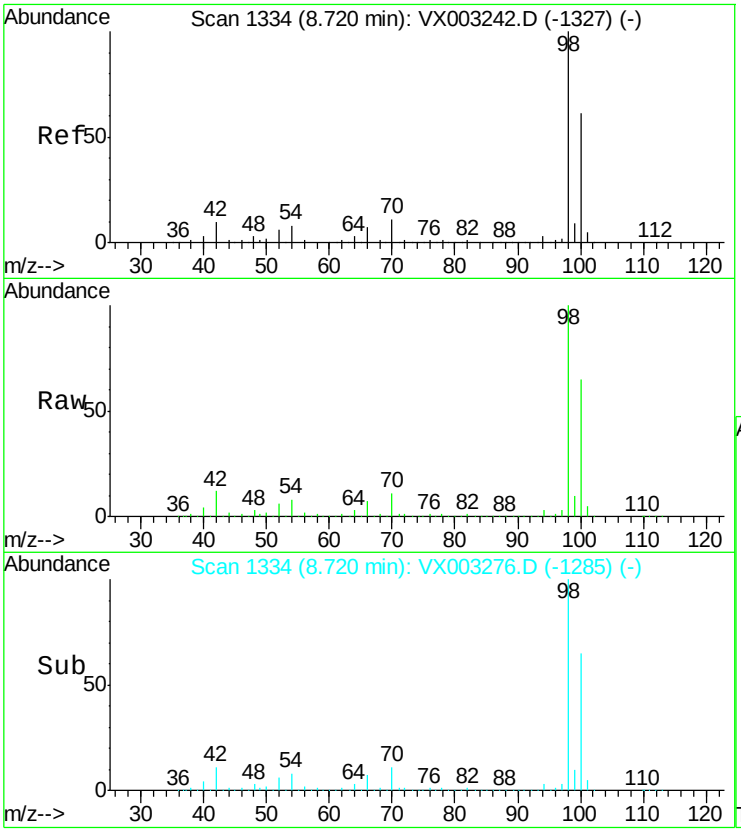


#38
Carbon Tetrachloride
Concen: 4.10 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.11 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion:117 Resp: 21950

Ion	Ratio	Lower	Upper
117	100		
119	8.6	77.4	116.0#
121	0.0	24.4	36.6#



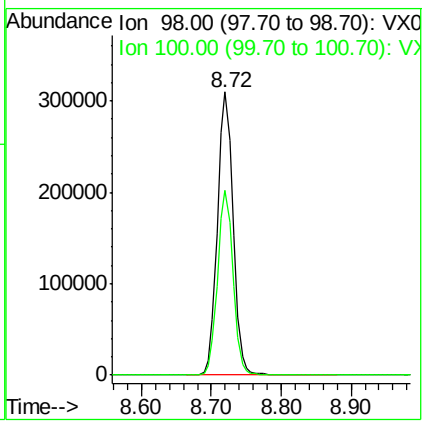


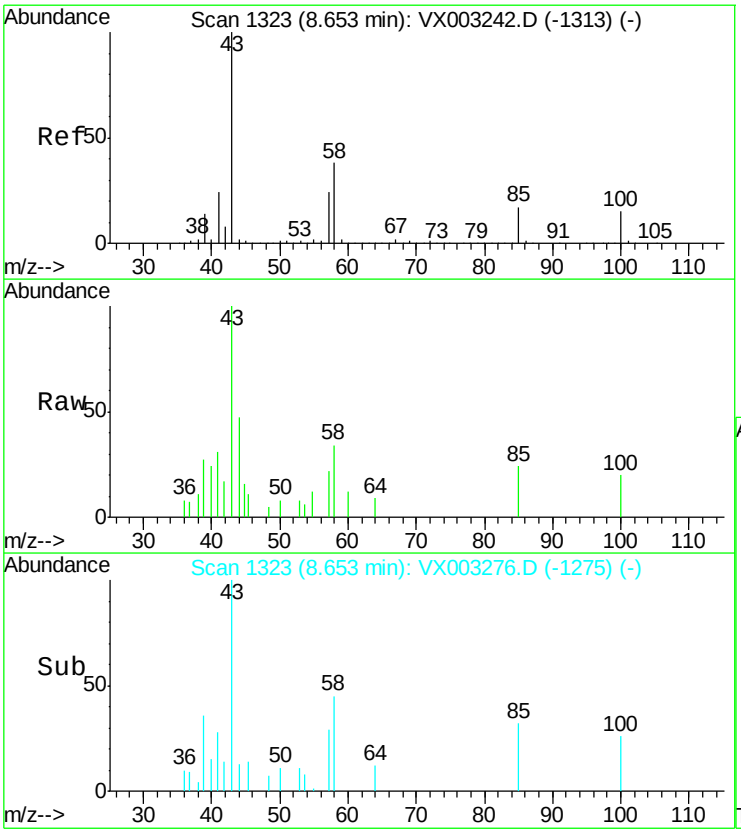
#50
Toluene-d8
Concen: 36.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 98 Resp: 486495

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3

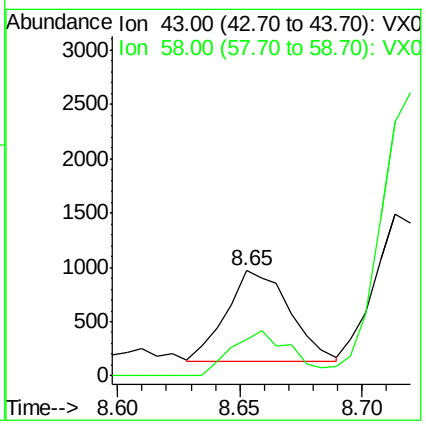


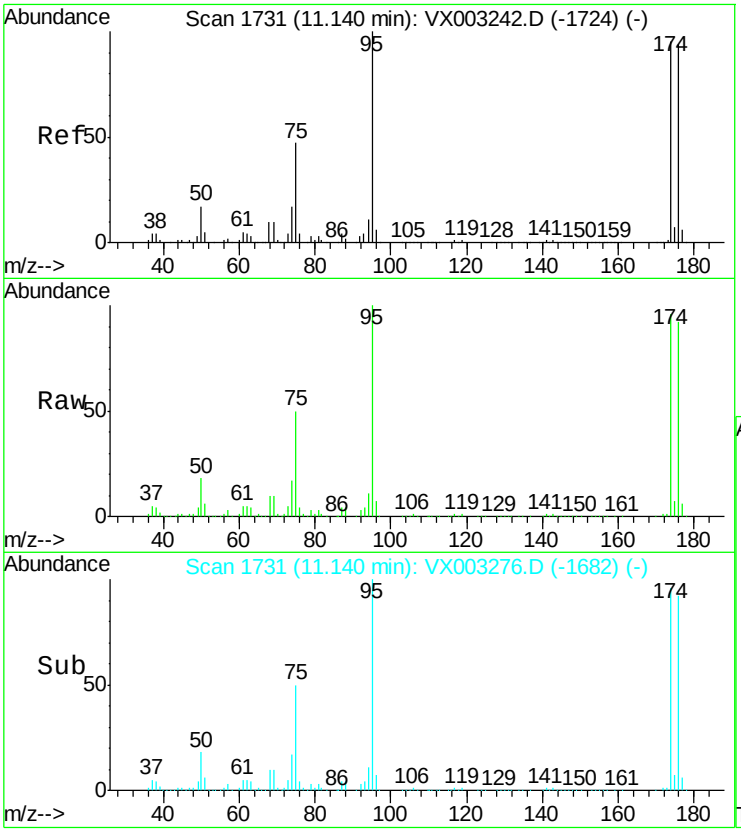


#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 43 Resp: 1499

Ion	Ratio	Lower	Upper
43	100		
58	46.2	28.6	42.8#



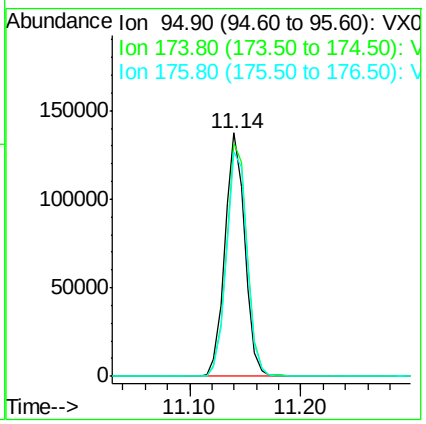


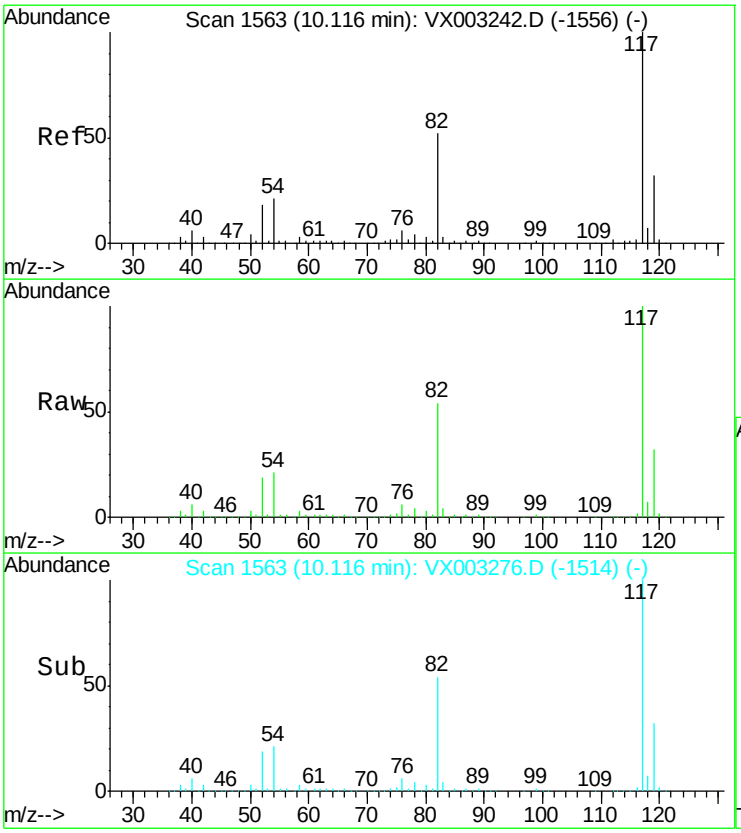
#62
4-Bromofluorobenzene
Concen: 34.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 95 Resp: 169067

Ion	Ratio	Lower	Upper
95	100		
174	99.6	0.0	187.4
176	95.8	0.0	181.0

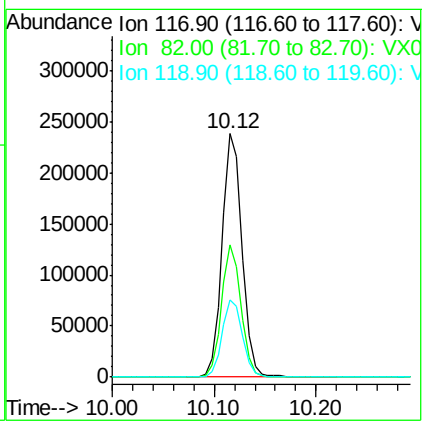


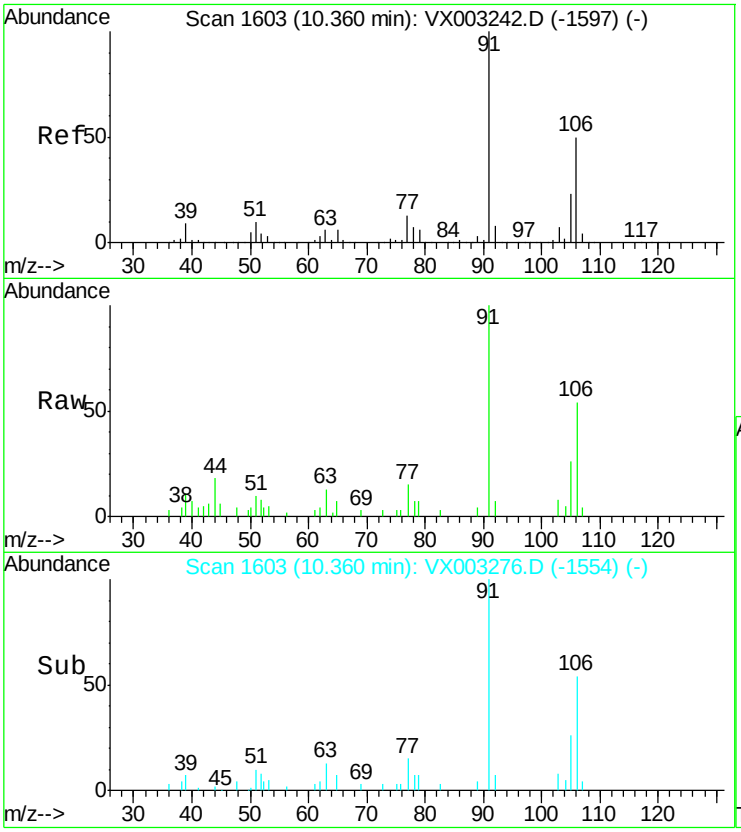


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion:117 Resp: 321961

Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	31.8	25.8	38.6



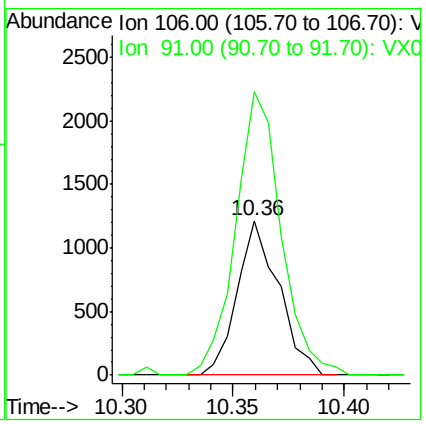


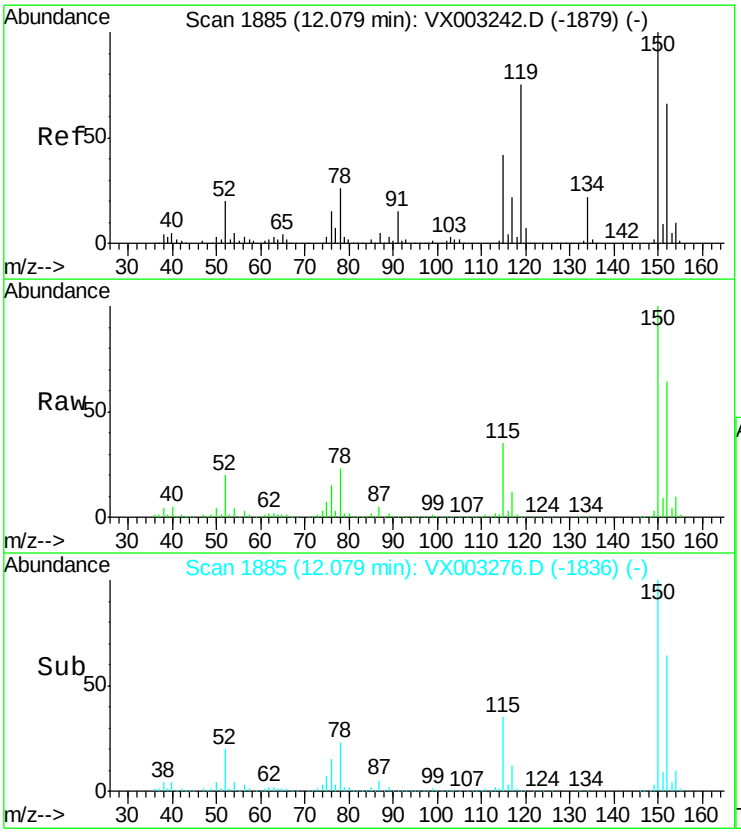
#68
m/p-Xylenes
Concen: 0.23 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:106 Resp: 1580

Ion	Ratio	Lower	Upper
106	100		
91	200.8	163.4	245.2

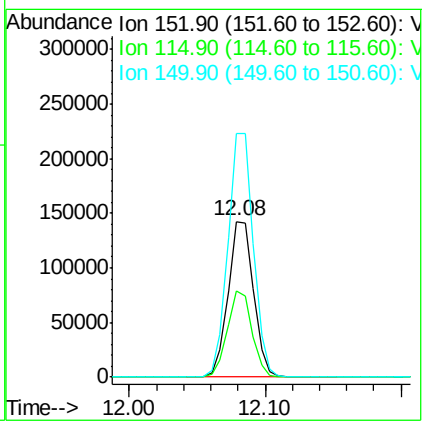


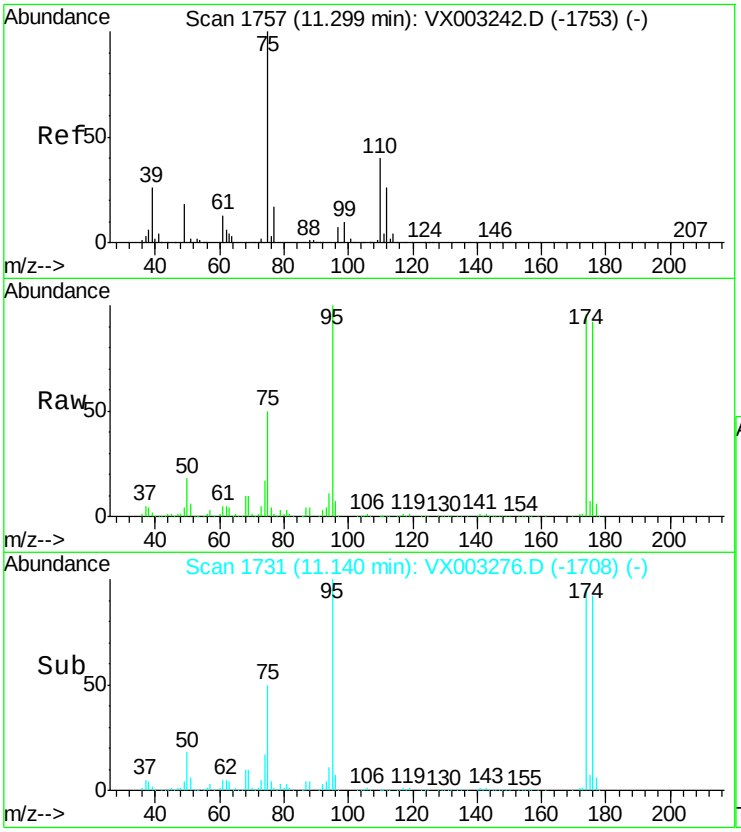


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion:152 Resp: 184949

Ion	Ratio	Lower	Upper
152	100		
115	53.7	40.1	120.2
150	156.7	0.0	347.2



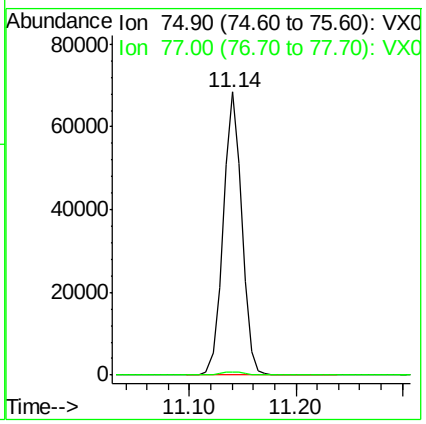


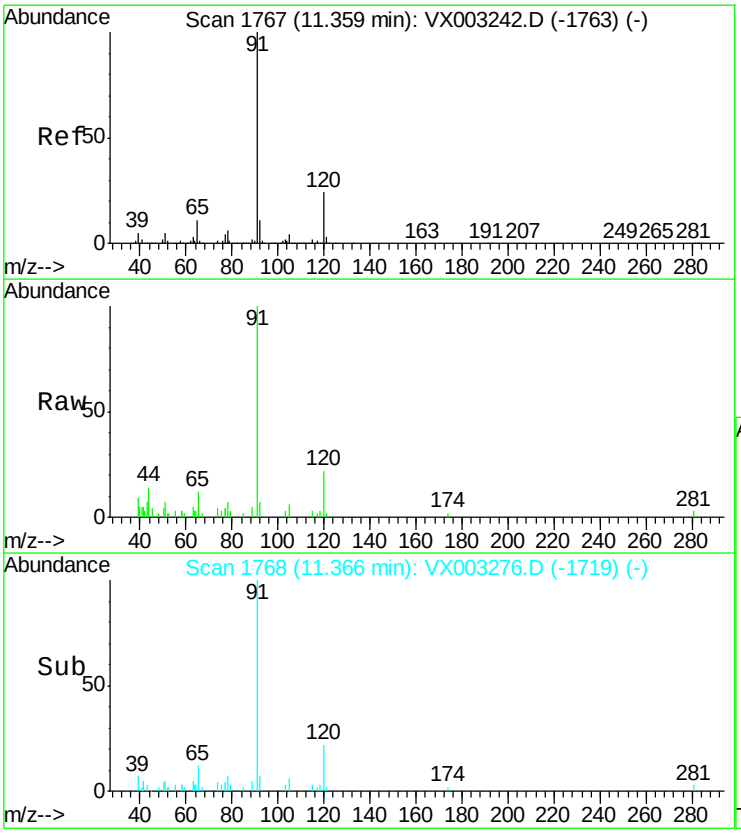
#76
1,2,3-Trichloropropane
Concen: 20.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 75 Resp: 83886

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

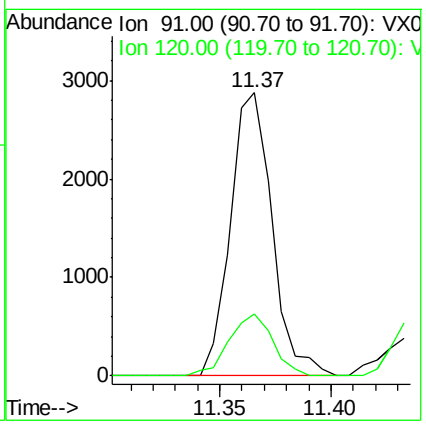


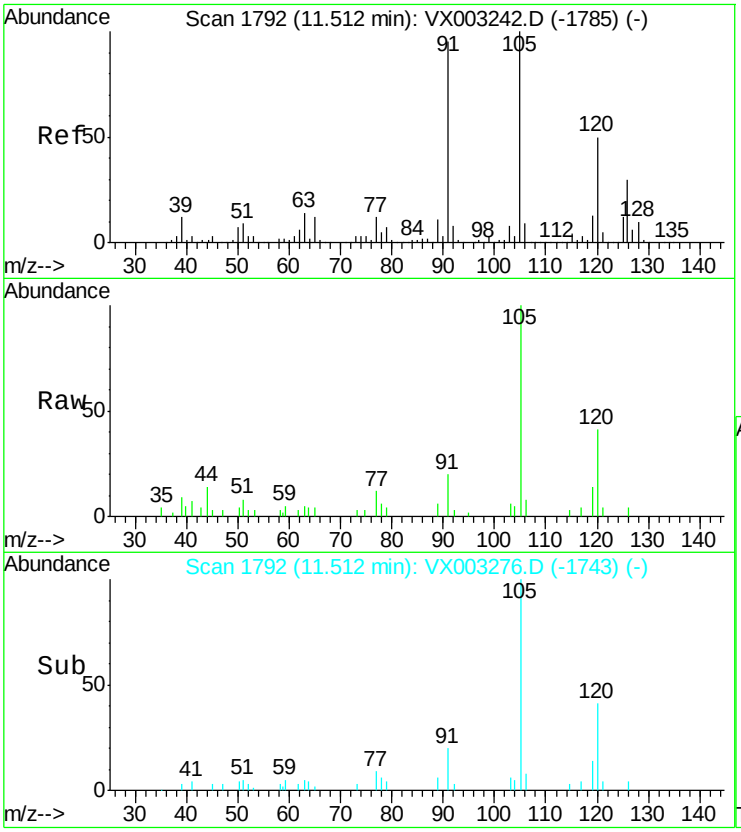


#78
n-propylbenzene
Concen: 0.23 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 91 Resp: 3755

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.8	35.4



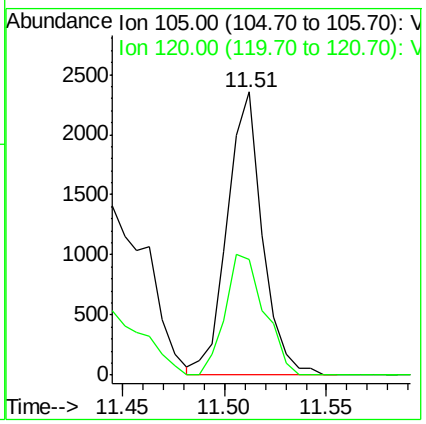


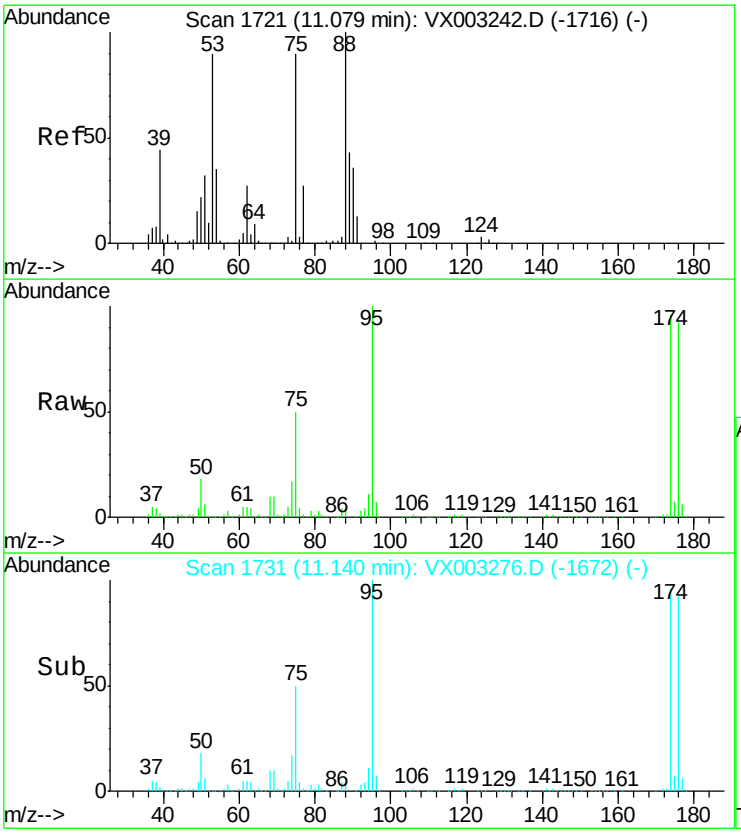
#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:105 Resp: 2812

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.4	73.4

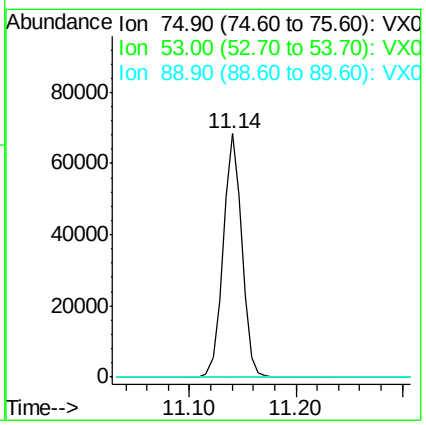


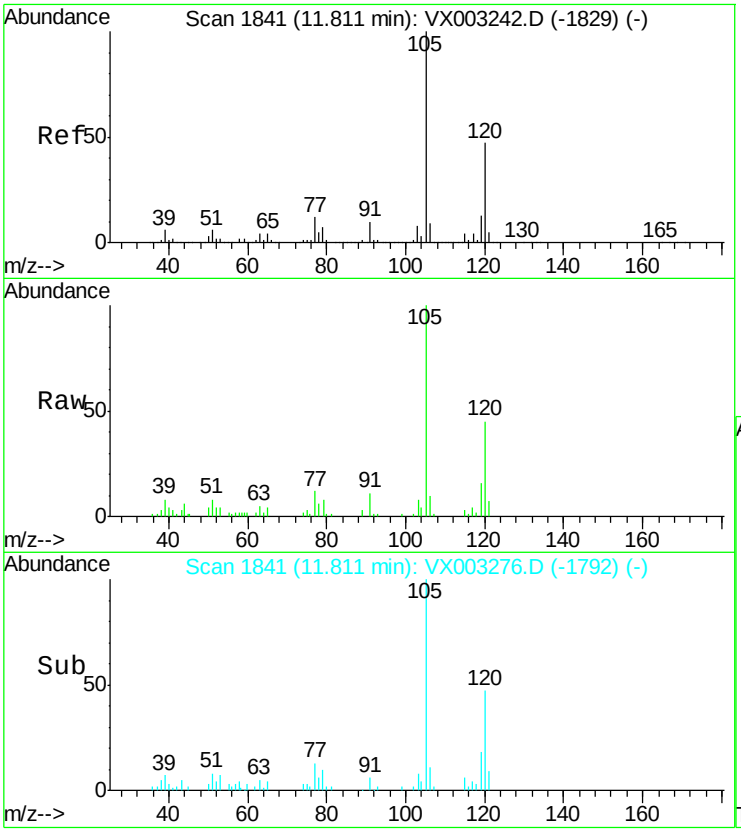


#81
trans-1,4-Dichloro-2-butene
Concen: 68.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 75 Resp: 83886

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



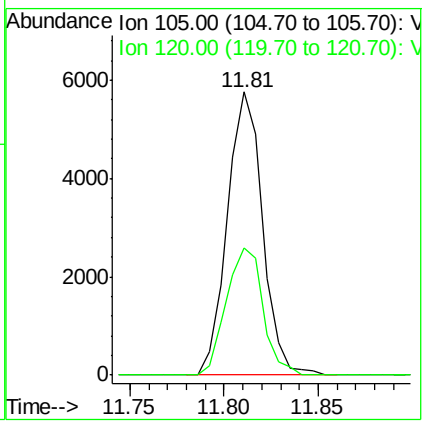


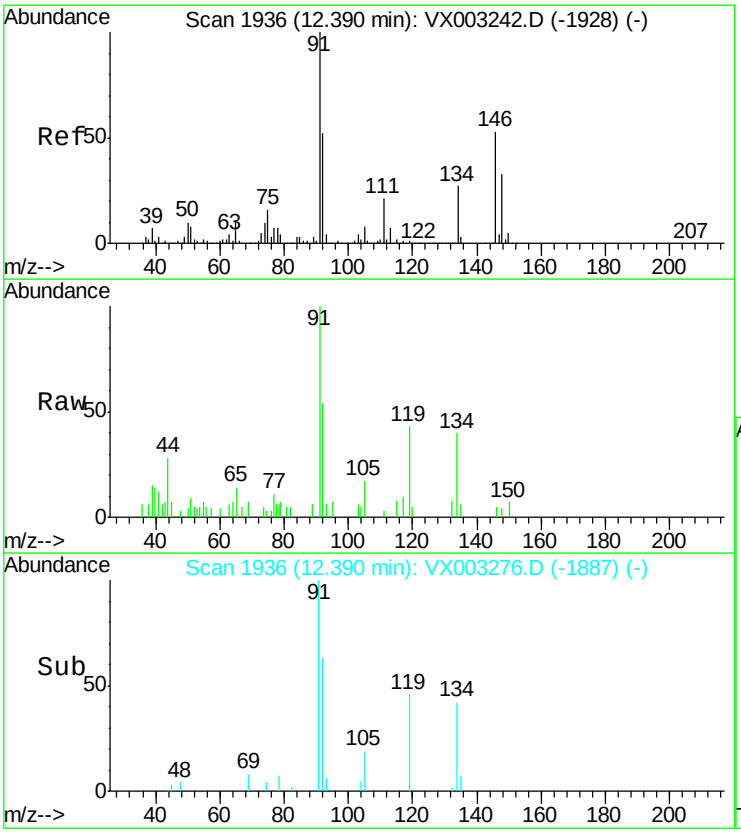
#84
1,2,4-Trimethylbenzene
Concen: 0.60 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:105 Resp: 7462

Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.3	66.8

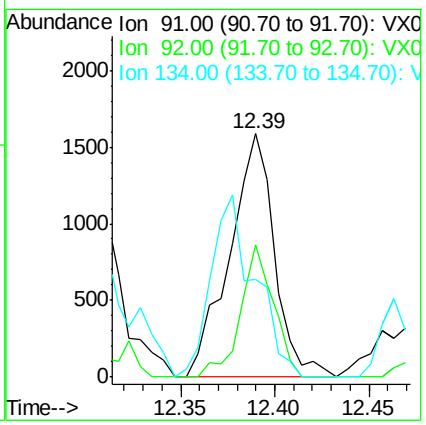


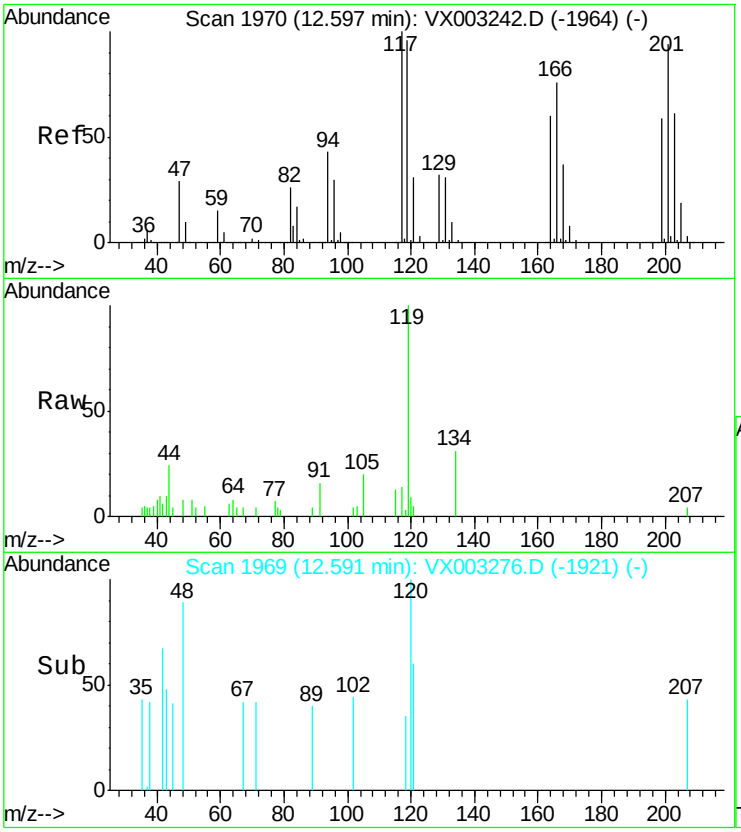


#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion: 91 Resp: 2624

Ion	Ratio	Lower	Upper
91	100		
92	39.8	26.0	78.0
134	72.2	13.5	40.5#



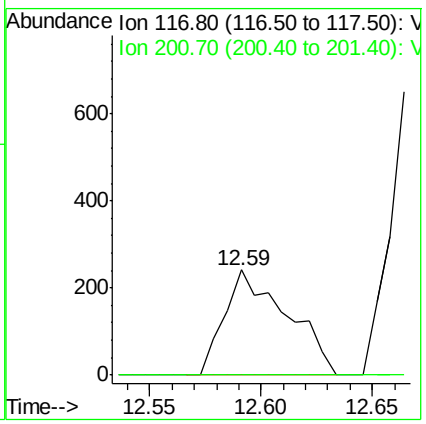


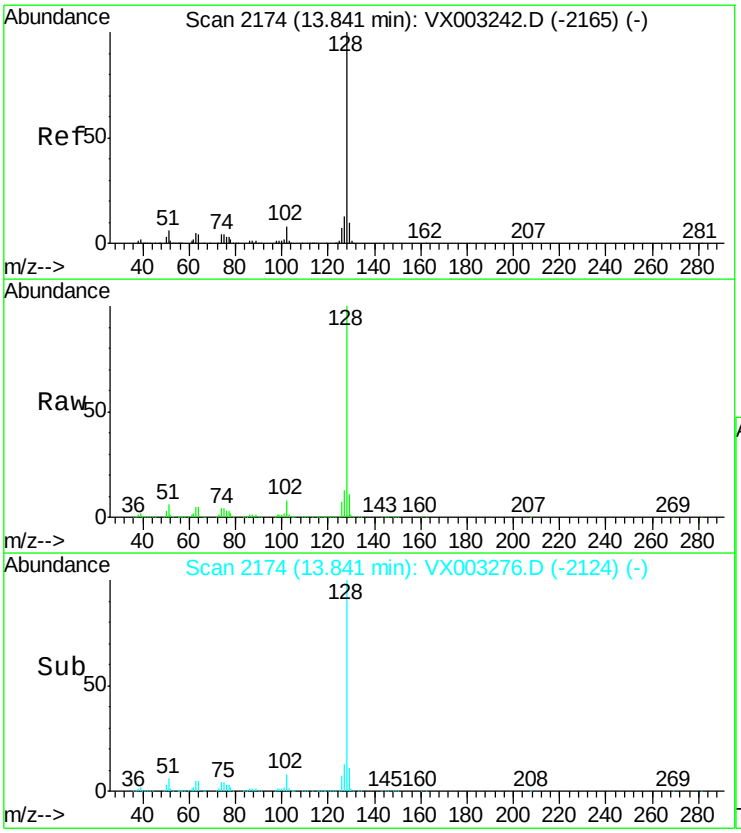
#90
Hexachloroethane
Concen: 0.24 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:117 Resp: 471

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 22.55 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003276.D
Acq: 10 Jul 2018 05:50

Tgt Ion:128 Resp: 333456

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.6	13.0