Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001961.D
Acq On : 25 May 2018 00:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations
APPROVED
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5/29/2018 4:39:20 PM

Quant Time: May 25 02:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	5.03	128	68645	30.00 ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	376969	30.00 ug/l	0.00
57) Chlorobenzene-d5	10.12	117	340512	30.00 ug/l	0.00
System Monitoring Compounds					
27) 1,2-Dichloroethane-d4	6.07	65	162270	30.04 ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.13%		
60) 4-Bromofluorobenzene	11.14	95	170581	29.26 ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.53%		
63) Toluene-d8	8.72	98	450809	29.70 ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.00%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	72572	19.914 ug/l	98
3) Chloromethane	1.32	50	87478	20.179 ug/l	99
4) Vinyl Chloride	1.40	62	84291	19.546 ug/l	100
5) Bromomethane	1.64	94	63877	26.439 ug/l	96
6) Chloroethane	1.73	64	51404	20.149 ug/l	98
7) Trichlorofluoromethane	1.93	101	132496	20.144 ug/l	99
8) Diethyl Ether	2.19	74	49672	20.066 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69960	19.751 ug/l	97
10) 1,1-Dichloroethene	2.37	96	67966	19.901 ug/l	98
11) Methyl Iodide	2.51	142	81391	15.170 ug/l	95
12) Methyl Acetate	2.79	43	111293	20.104 ug/l	98
13) Acrolein	2.30	56	45690	96.942 ug/l	97
14) Acrylonitrile	3.15	53	229100	100.593 ug/l	100
15) Acetone	2.45	58	60350	99.400 ug/l	100
16) Carbon Disulfide	2.57	76	202367	20.750 ug/l	100
17) Allyl chloride	2.73	41	140638	19.951 ug/l	98
18) Methylene Chloride	2.86	84	76255	19.866 ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	73079	20.238 ug/l	99
20) Diisopropyl ether	3.88	45	263349	19.567 ug/l	96
21) 1,1-Dichloroethane	3.70	63	140418	19.600 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	86674	20.133 ug/l	93
23) tert-Butyl Alcohol	3.08	59	121159	102.566 ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	266074	19.959 ug/l	99
25) Chloroform	5.23	83	147306	19.556 ug/l	100
26) Cyclohexane	5.58	56	130060	19.726 ug/l #	99
29) 1,1-Dichloropropene	5.81	75	106395	20.173 ug/l	99
30) 2-Butanone	4.72	43	375275	102.010 ug/l	100
31) 2,2-Dichloropropane	4.59	77	86573	18.677 ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	138589	20.120 ug/l	99
33) Carbon Tetrachloride	5.79	117	124541	19.896 ug/l	96
34) Benzene	6.15	78	317647	19.945 ug/l	98
35) Methacrylonitrile	5.07	41	81281	19.952 ug/l	99
36) 1,2-Dichloroethane	6.21	62	127156	20.493 ug/l	99
37) Trichloroethene	7.22	130	90241	19.975 ug/l	96
38) Methylcyclohexane	7.46	83	123806	20.119 ug/l	99
39) 1,2-Dichloropropane	7.52	63	85211	19.788 ug/l	96
40) Dibromomethane	7.67	93	58413	20.219 ug/l	98

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Acq On : 25 May 2018 00:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
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5/29/2018 4:39:20 PM

Quant Time: May 25 02:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Bromodichloromethane	7.90	83	118253	19.730 ug/l	97
42) Vinyl Acetate	3.83	43	1181091	101.480 ug/l	100
43) Ethyl Acetate	4.87	43	145218	20.111 ug/l	98
44) Isopropyl Acetate	6.48	43	241286	20.094 ug/l	100
45) 1,4-Dioxane	7.76	88	46190	404.358 ug/l	93
46) Methyl methacrylate	7.79	41	121611	20.000 ug/l	99
47) n-amyl Acetate	10.90	43	217256	19.667 ug/l #	91
48) t-1,3-Dichloropropene	8.44	75	132688	19.700 ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	128663	19.733 ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	83062	20.027 ug/l	98
51) Ethyl methacrylate	9.19	69	143174	19.927 ug/l	96
52) 1,3-Dichloropropane	9.38	76	140913	20.141 ug/l	100
53) Dibromochloromethane	9.59	129	98438	19.427 ug/l	100
54) 1,2-Dibromoethane	9.68	107	88484	19.705 ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	341749	101.339 ug/l	100
56) Bromoform	10.87	173	83627	18.769 ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	758384	102.344 ug/l	100
59) 2-Hexanone	9.51	43	586974	102.081 ug/l	99
61) Tetrachloroethene	9.34	164	98846	19.032 ug/l	98
62) Toluene	8.79	91	349987	20.126 ug/l	98
64) Chlorobenzene	10.15	112	222952	19.809 ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	91495	19.976 ug/l	98
66) Ethyl Benzene	10.26	91	387416	19.822 ug/l	99
67) m/p-Xylenes	10.37	106	294106	39.639 ug/l	100
68) o-Xylene	10.70	106	148178	19.940 ug/l	99
69) Styrene	10.72	104	244865	19.629 ug/l	99
70) Isopropylbenzene	11.02	105	396471	19.931 ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	124847	20.023 ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	129256m	22.010 ug/l	
73) Bromobenzene	11.26	156	105137	19.677 ug/l	99
74) n-propylbenzene	11.37	91	440751	19.848 ug/l	100
75) 2-Chlorotoluene	11.43	91	271299	19.810 ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	331113	19.576 ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	40343	18.961 ug/l	93
78) 4-Chlorotoluene	11.52	91	305175	19.594 ug/l	100
79) tert-butylbenzene	12.07	119	344207	19.408 ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	339190	19.837 ug/l	100
81) sec-Butylbenzene	11.95	105	388548	19.599 ug/l	99
82) p-Isopropyltoluene	12.07	119	344207	19.408 ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	185613	19.604 ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	184880	19.618 ug/l	100
85) n-Butylbenzene	12.39	91	282912	19.021 ug/l	99
86) Hexachloroethane	12.60	117	68211	19.328 ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	190588	19.544 ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	36126	19.894 ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	133219	19.235 ug/l	100
90) Hexachlorobutadiene	13.79	225	70230	19.063 ug/l	98
91) Naphthalene	13.84	128	441027	20.181 ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	141346	19.541 ug/l	99

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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
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Acq On : 25 May 2018 00:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 25 02:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001961.D
Acq On : 25 May 2018 00:46
Operator : JC/MD
Sample : VSTDICV020
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Quant Time: May 25 02:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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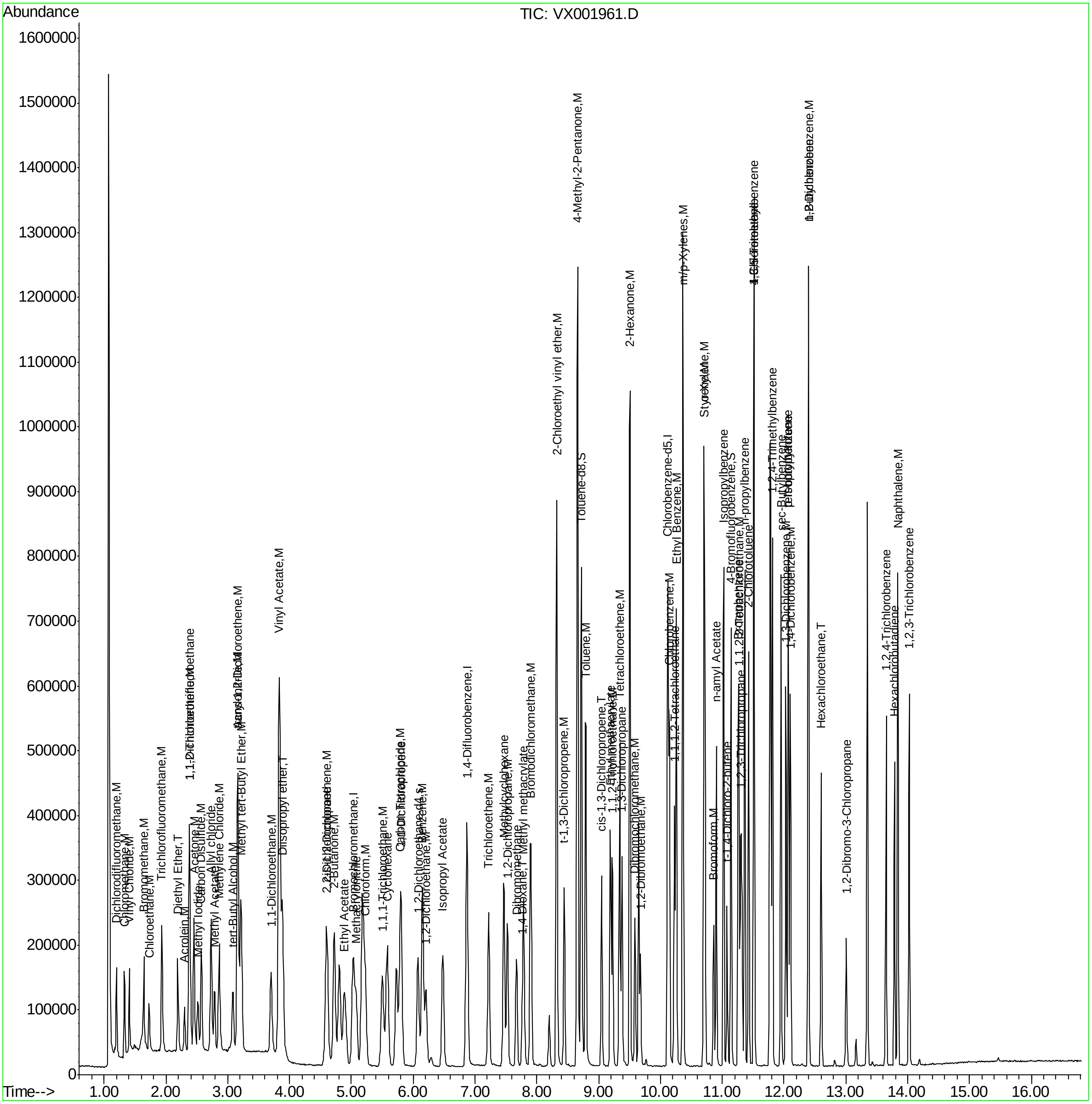

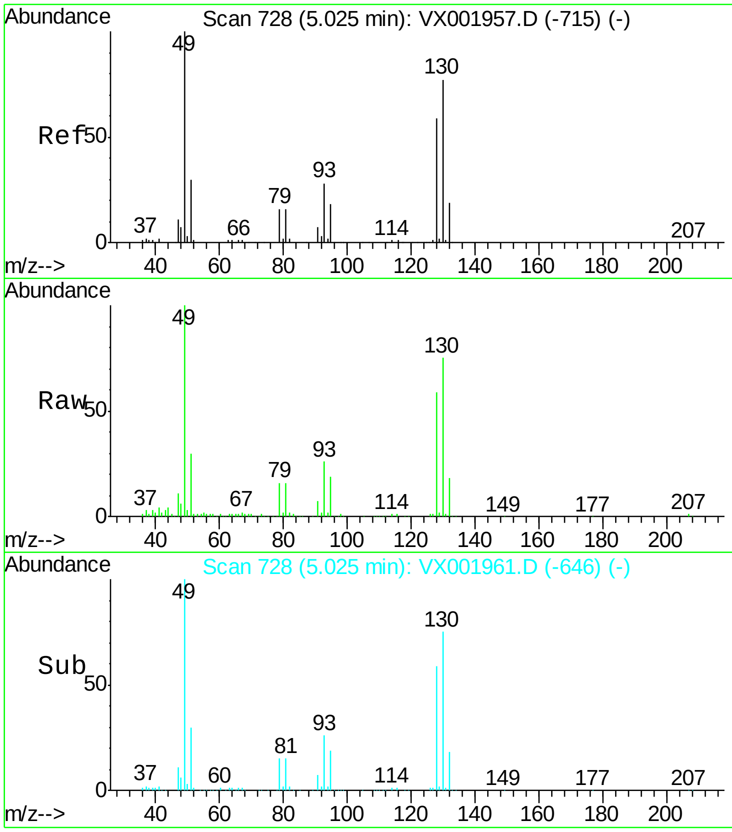

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:128 Resp: 68645

Ion	Ratio	Lower	Upper
128	100		
49	170.3	0.0	423.0
130	127.5	0.0	324.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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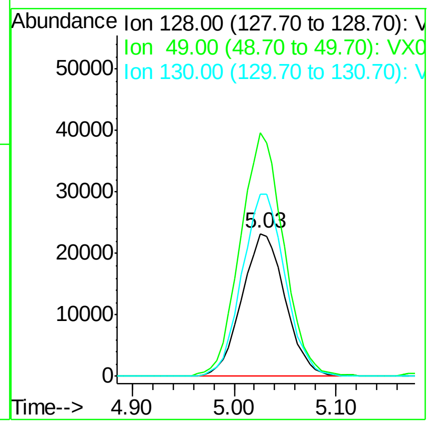
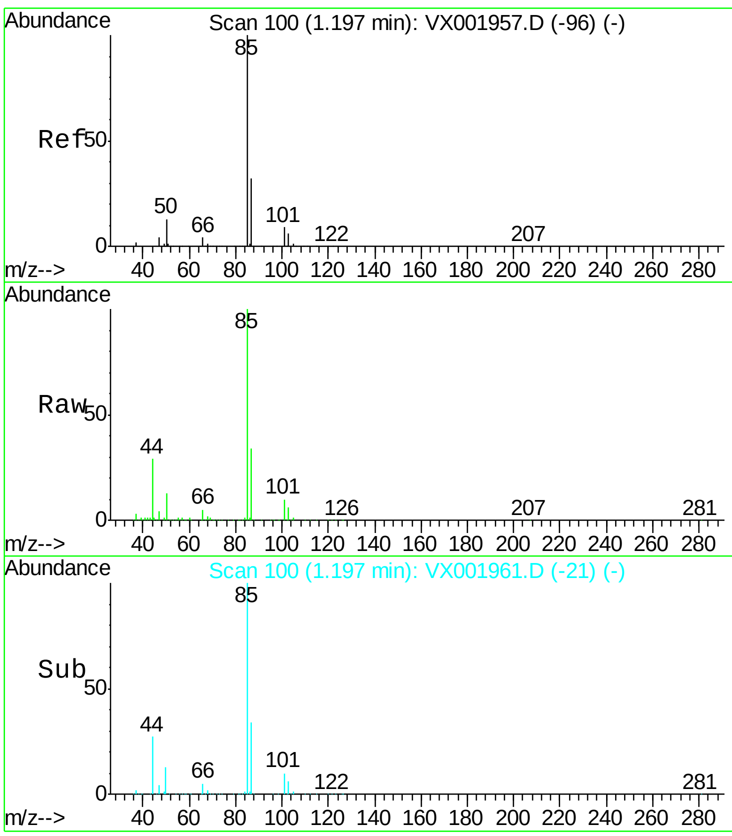
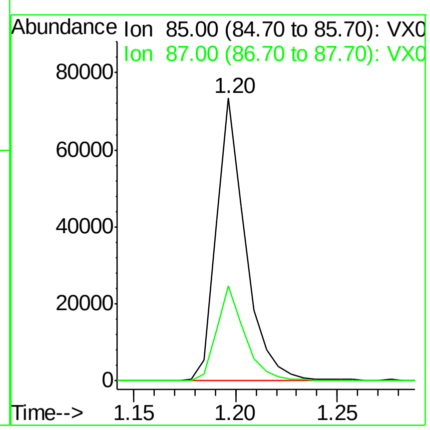


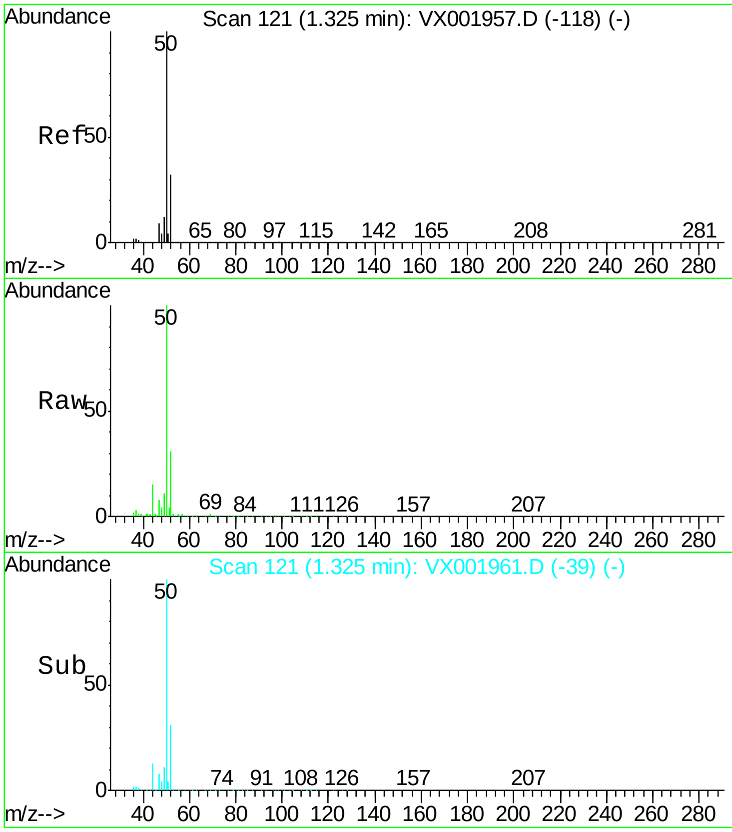


#2
Dichlorodifluoromethane
Concen: 19.914 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 85 Resp: 72572

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.2	48.5





#3
Chloromethane
Concen: 20.179 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 50 Resp: 87478

Ion	Ratio	Lower	Upper
50	100		
52	31.2	25.6	38.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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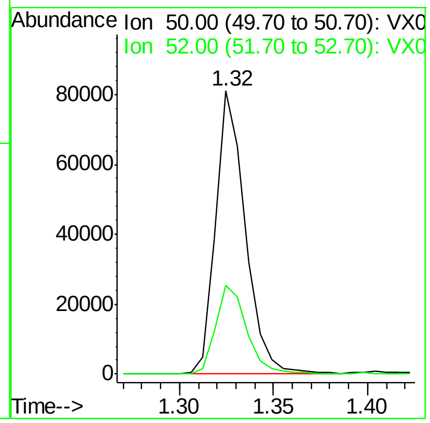
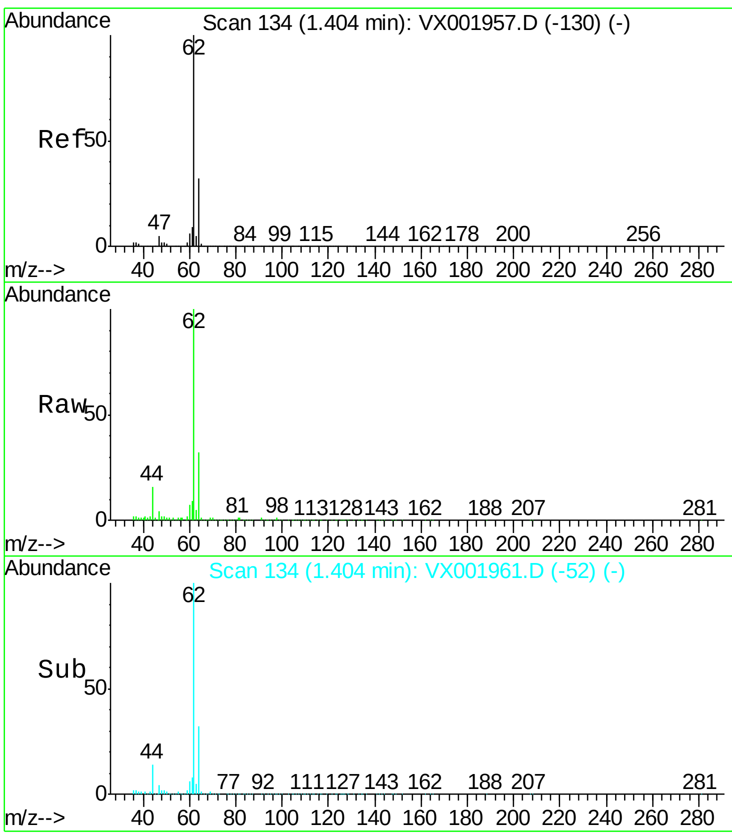
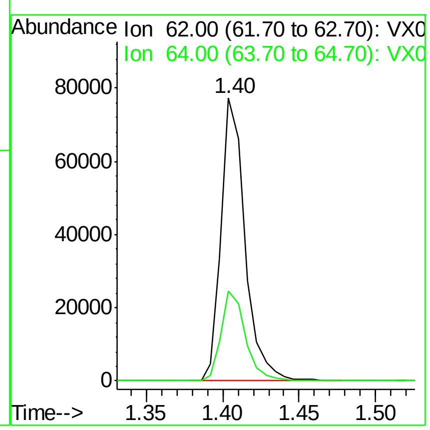


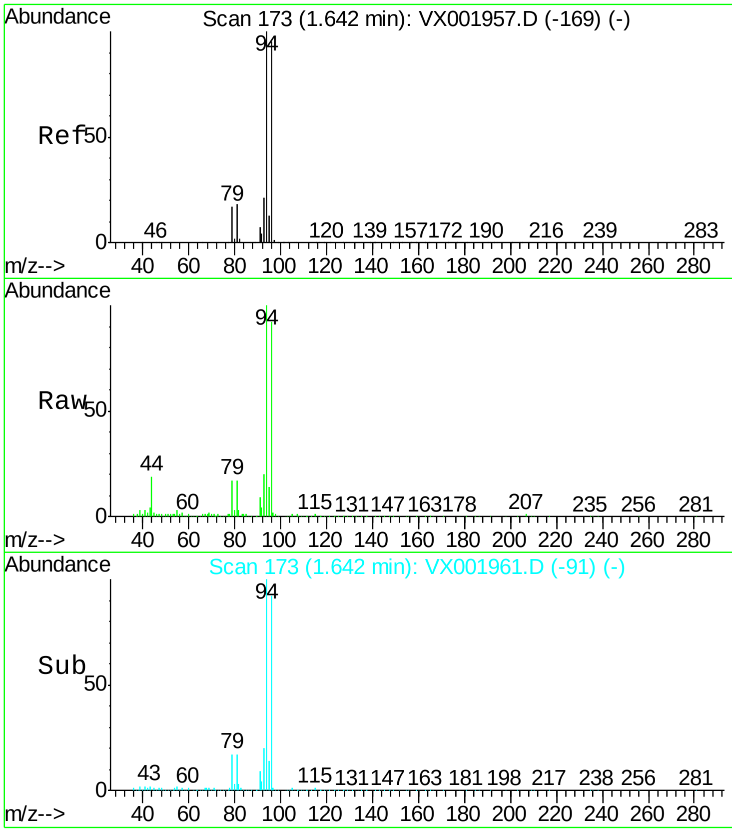


#4
Vinyl Chloride
Concen: 19.546 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 62 Resp: 84291

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.3	37.9





#5
Bromomethane
Concen: 26.439 ug/l
RT: 1.64 min Scan# 173
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion: 94	Resp:		63877
Ion	Ratio	Lower	Upper
94	100		
96	91.2	75.7	113.5

Manual Integrations APPROVED
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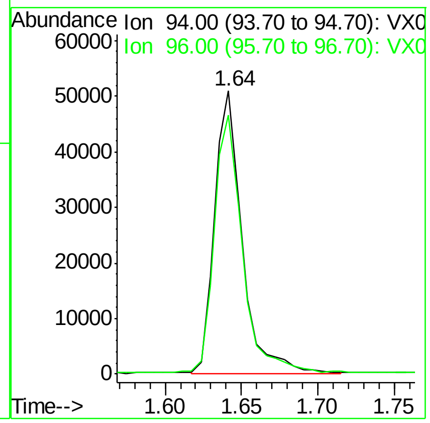
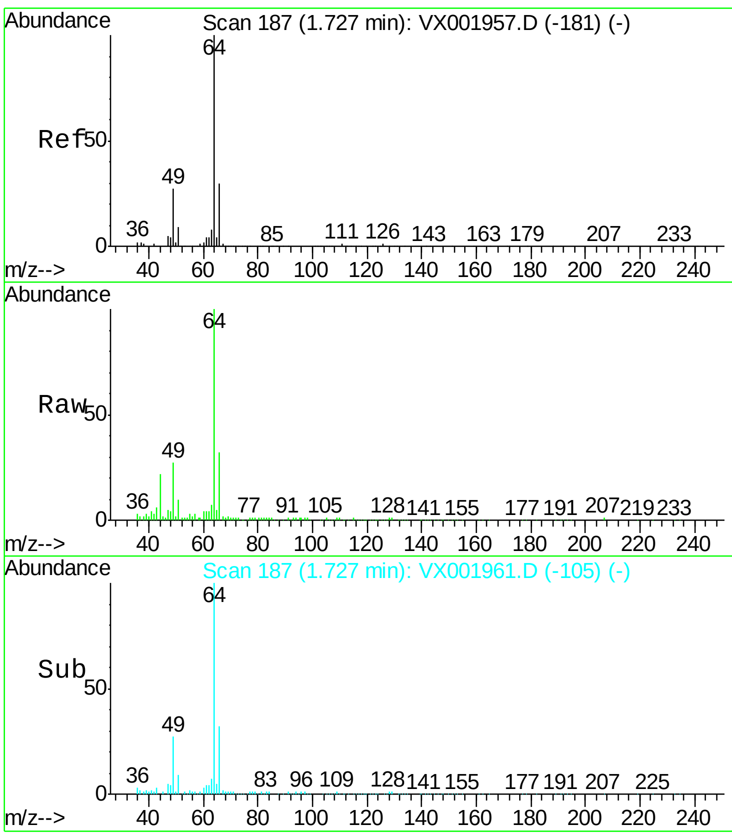
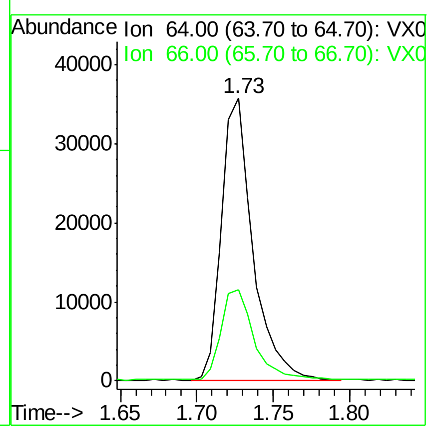
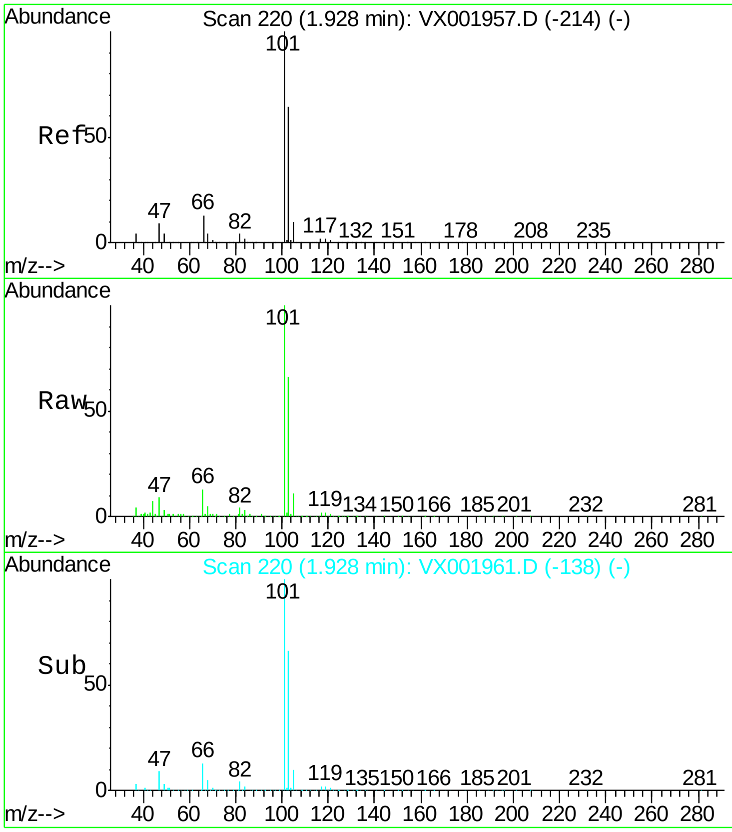




#6
Chloroethane
Concen: 20.149 ug/l
RT: 1.73 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 64	Resp:		51404
Ion	Ratio	Lower	Upper
64	100		
66	31.8	24.3	36.5





#7
Trichlorofluoromethane
Concen: 20.144 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:101 Resp: 132496

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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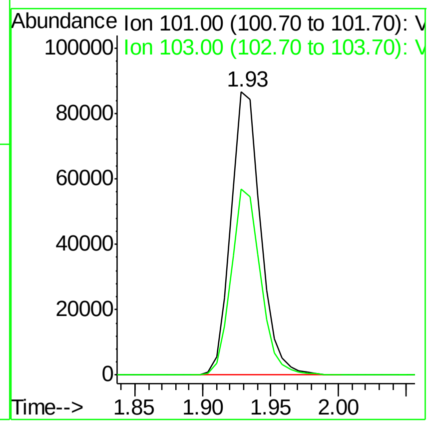
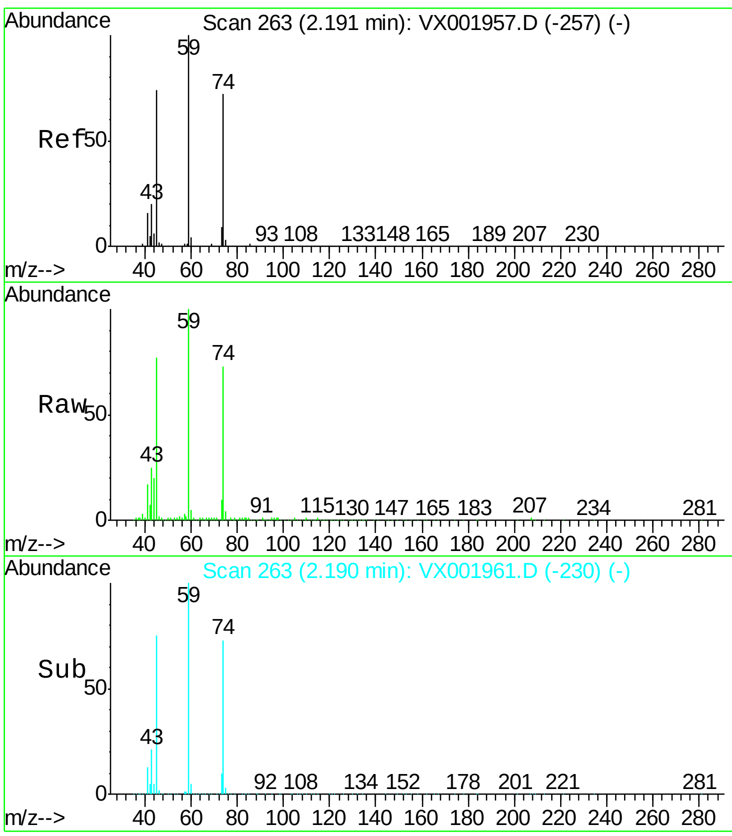
5/29/2018 4:39:20 PM

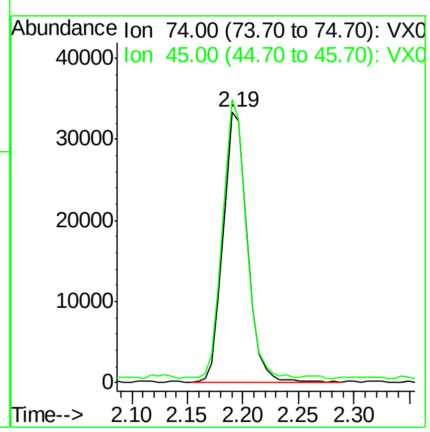


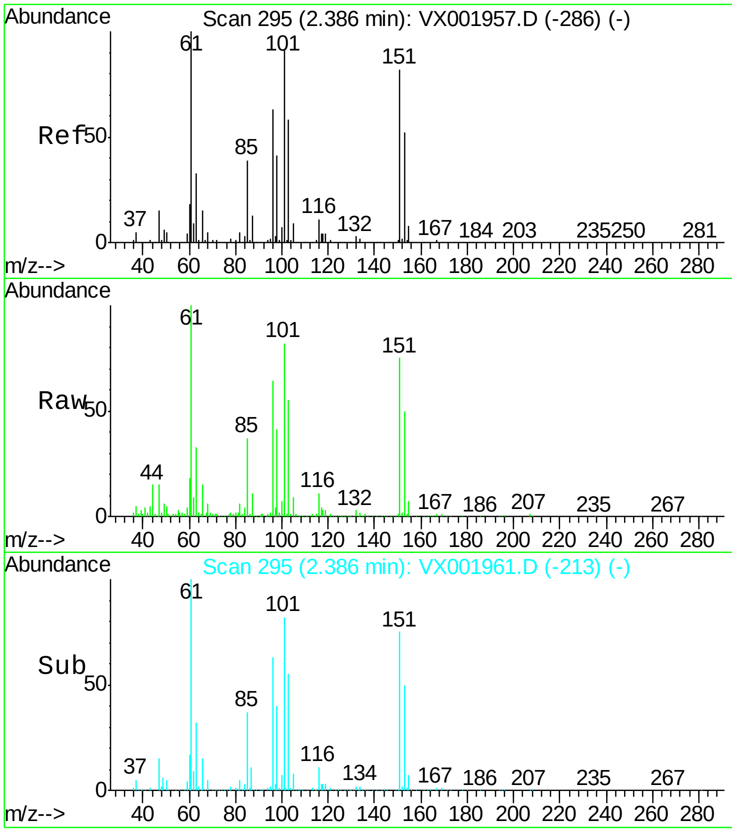


#8
Diethyl Ether
Concen: 20.066 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 74 Resp: 49672

Ion	Ratio	Lower	Upper
74	100		
45	101.7	20.5	184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.751 ug/l
RT: 2.39 min   Scan# 295
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion:101 Resp: 69960

Ion	Ratio	Lower	Upper
101	100		
85	44.2	0.0	87.0
151	92.1	0.0	177.6

Manual Integrations APPROVED
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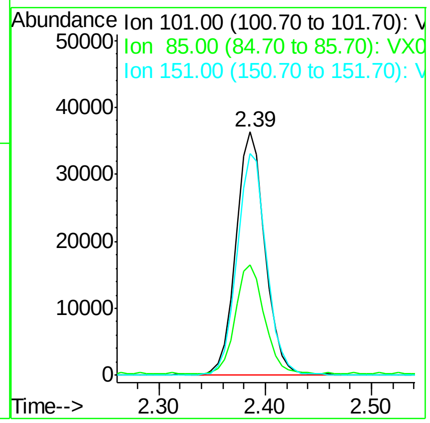
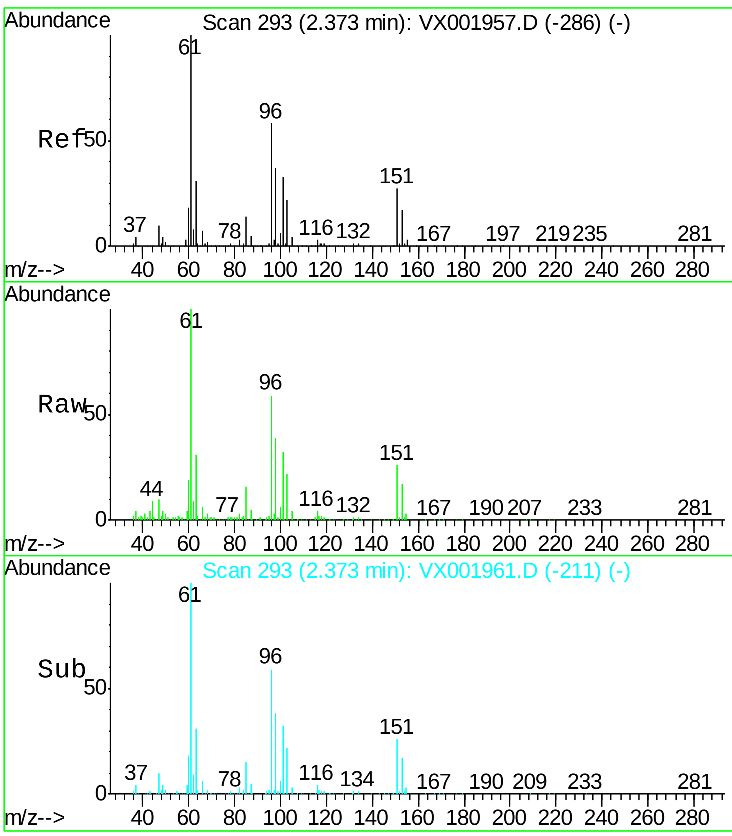
5/29/2018 4:39:20 PM

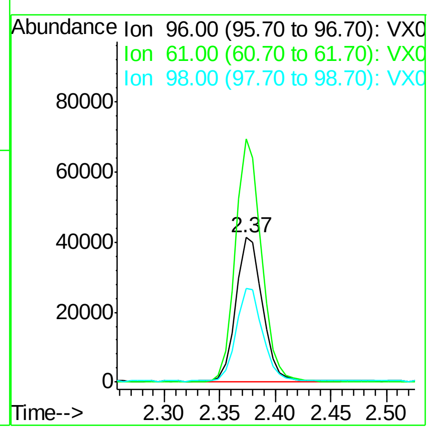


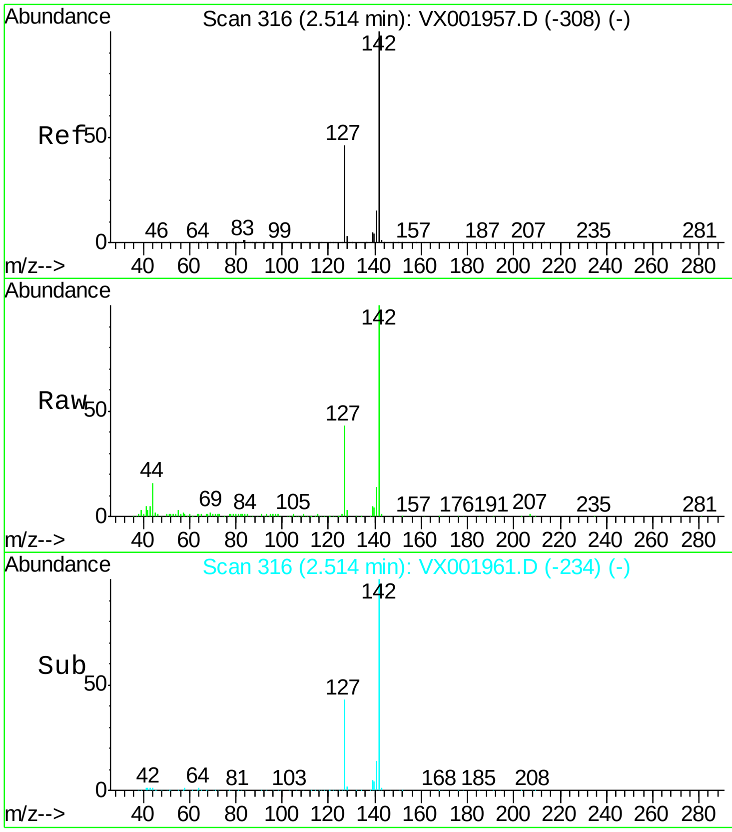


#10
1,1-Dichloroethene
Concen: 19.901 ug/l
RT: 2.37 min   Scan# 293
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 96 Resp: 67966

Ion	Ratio	Lower	Upper
96	100		
61	169.1	137.5	206.3
98	64.5	51.4	77.2





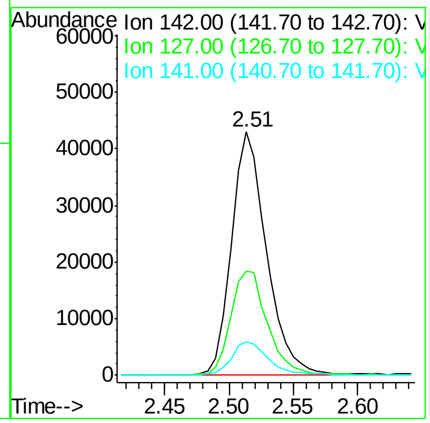
#11
Methyl Iodide
Concen: 15.170 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

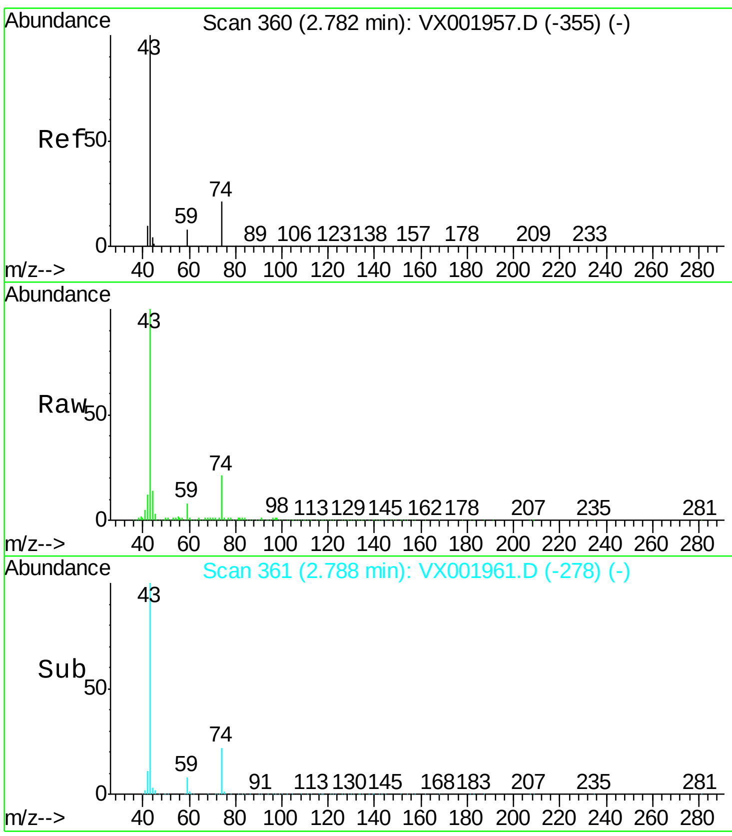
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion:142 Resp: 81391

Ion	Ratio	Lower	Upper
142	100		
127	42.6	23.2	69.6
141	13.9	7.4	22.2

Manual Integrations APPROVED
MMDadoda
5/29/2018 4:39:20 PM

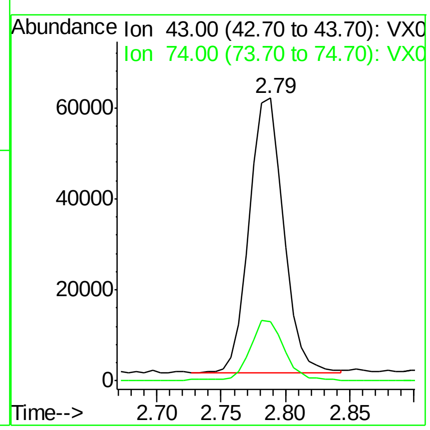


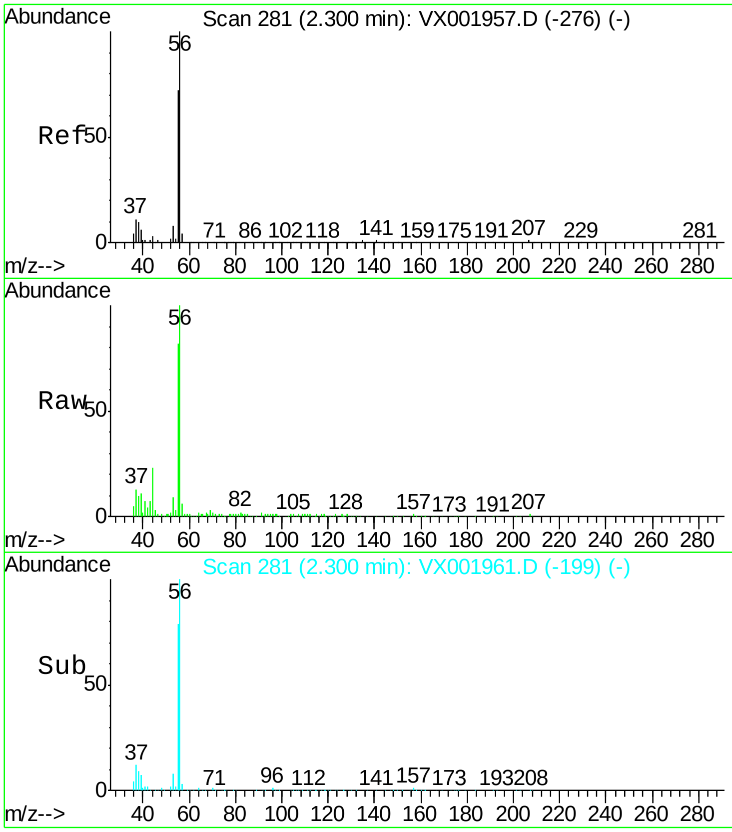


#12
Methyl Acetate
Concen: 20.104 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 43 Resp: 111293

Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.4	24.6





#13
Acrolein
Concen: 96.942 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 56 Resp: 45690

Ion	Ratio	Lower	Upper
56	100		
55	74.0	57.3	85.9

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

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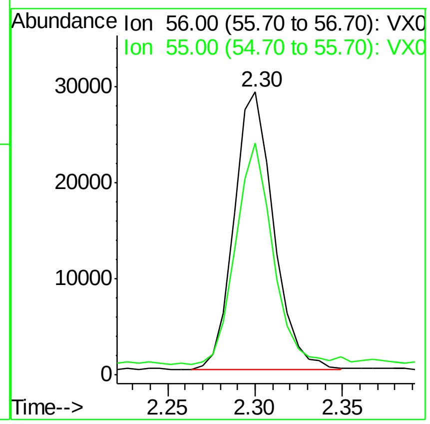
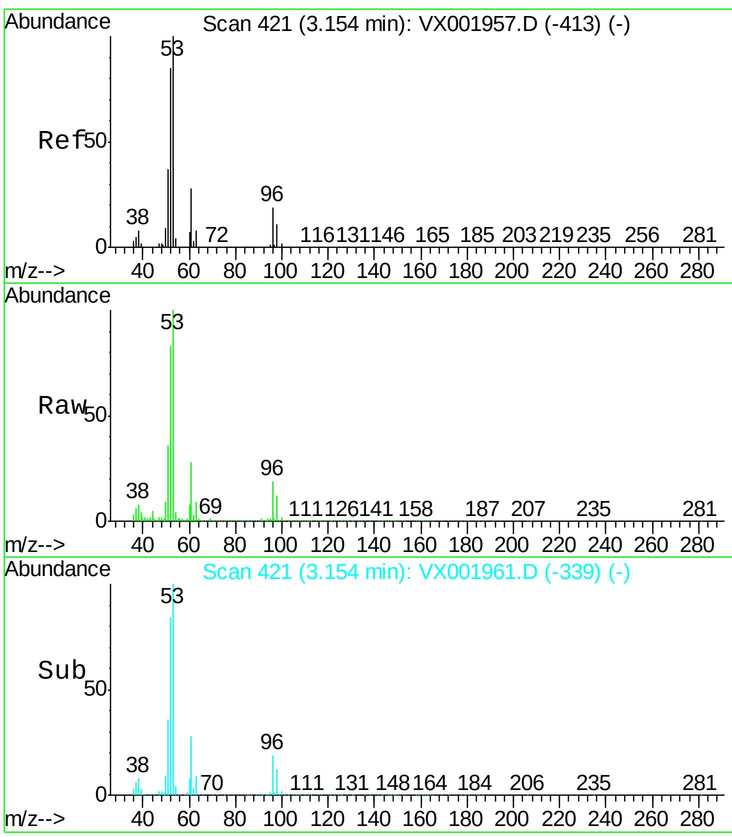
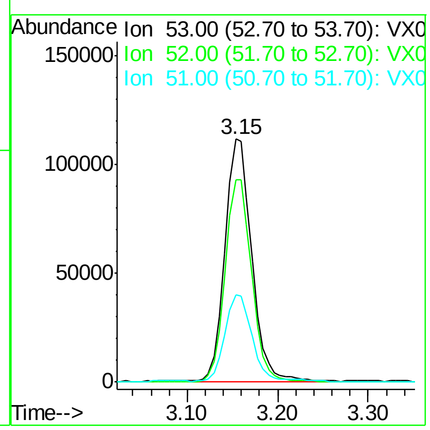


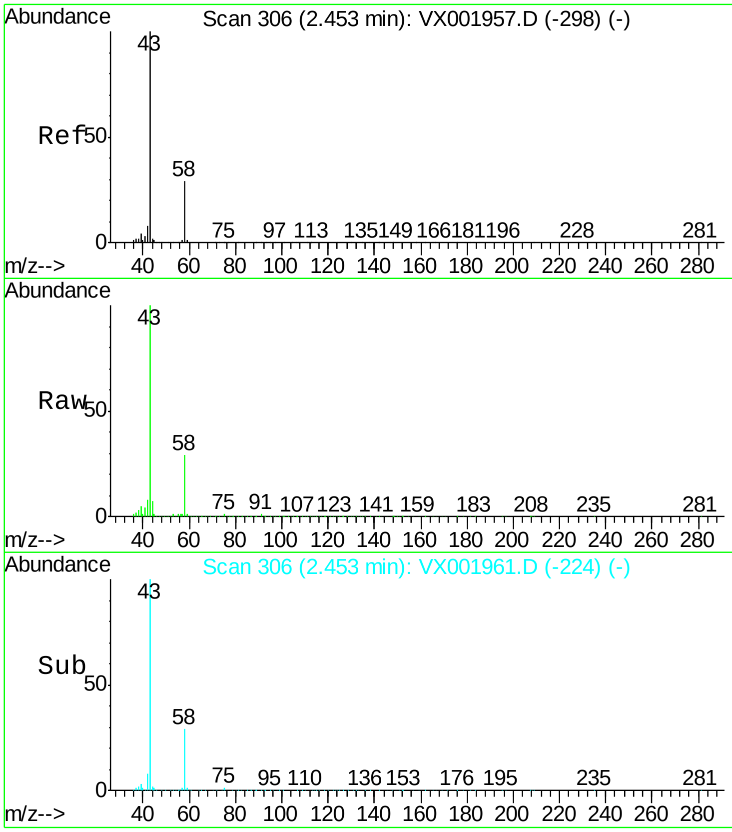


#14
Acrylonitrile
Concen: 100.593 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 53 Resp: 229100

Ion	Ratio	Lower	Upper
53	100		
52	82.9	41.5	124.6
51	35.5	17.9	53.8





#15
Acetone
Concen: 99.400 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 58 Resp: 60350

Ion	Ratio	Lower	Upper
58	100		
43	348.6	278.8	418.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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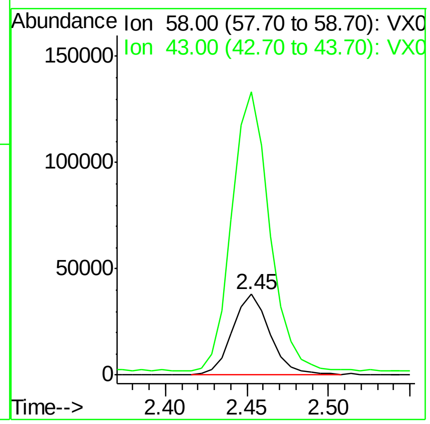
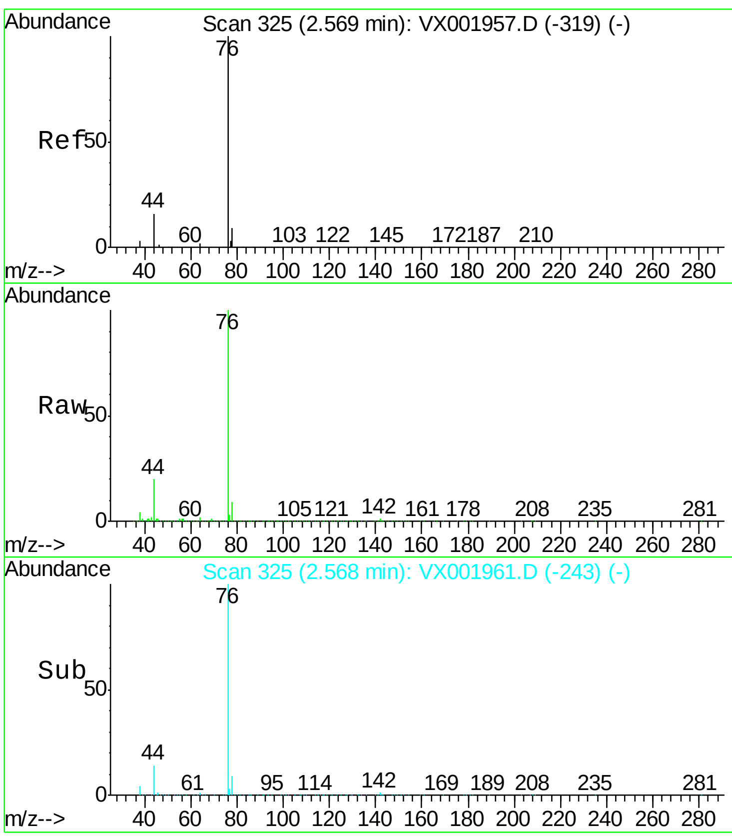
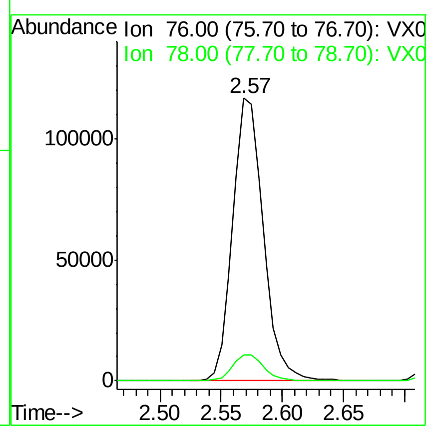


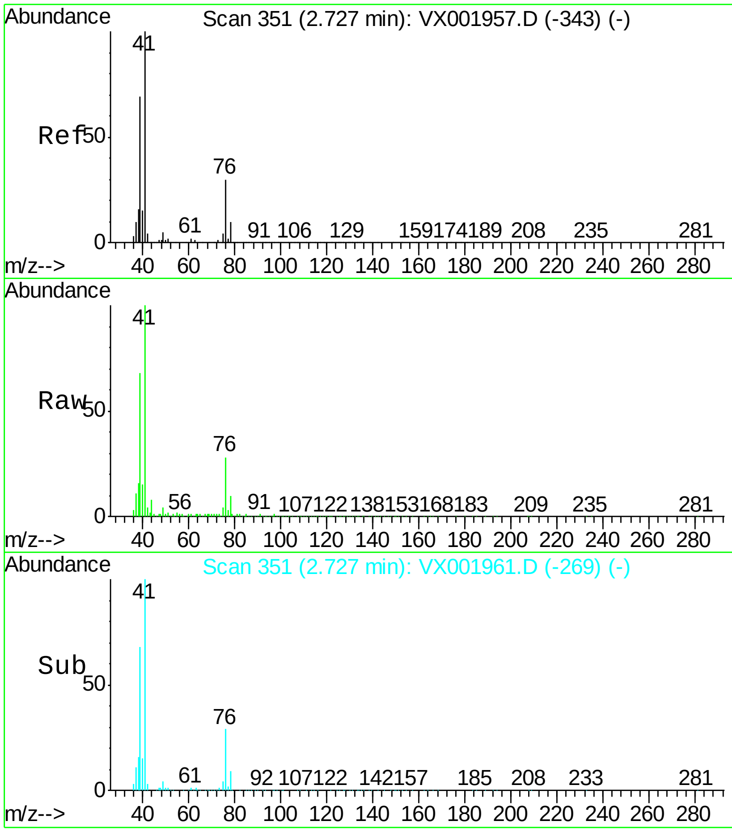


#16
Carbon Disulfide
Concen: 20.750 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 76 Resp: 202367

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0





#17
Allyl chloride
Concen: 19.951 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 41 Resp: 140638

Ion	Ratio	Lower	Upper
41	100		
39	68.1	34.6	103.8
76	28.6	15.0	45.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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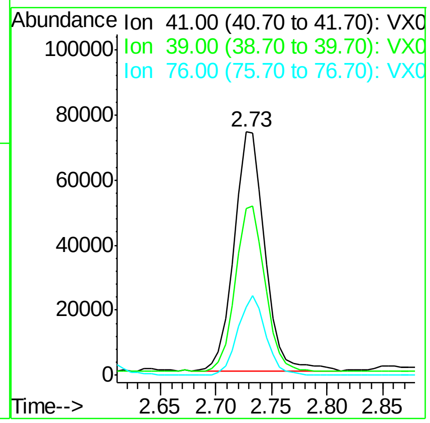
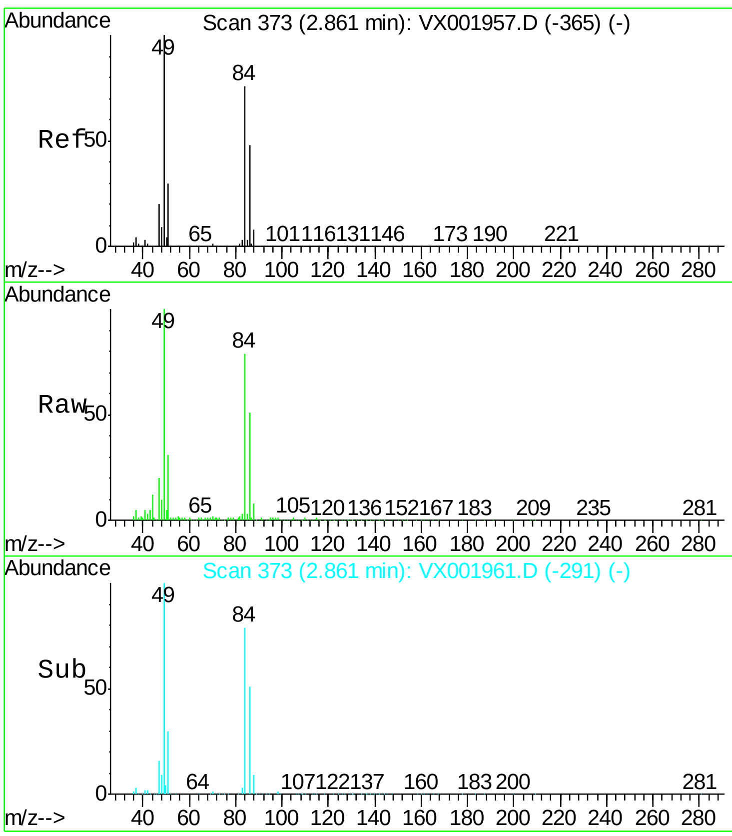
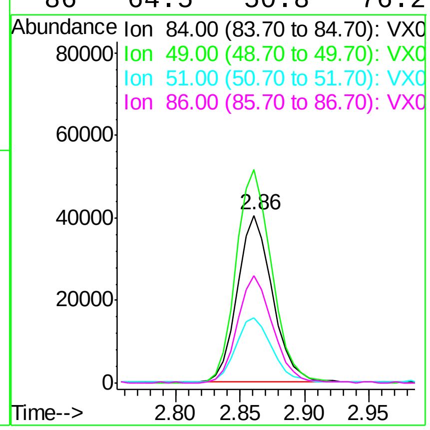


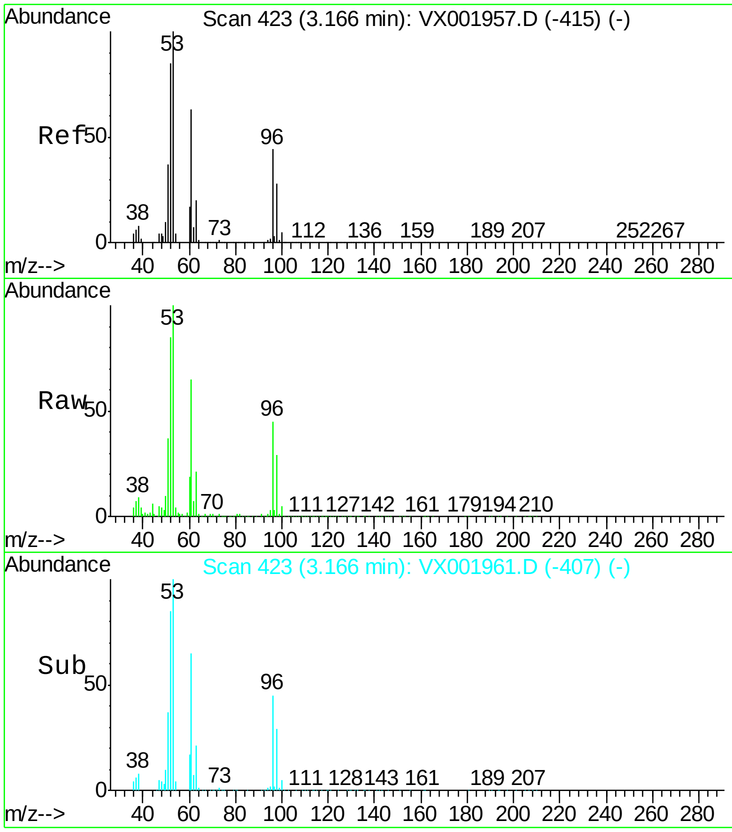


#18
Methylene Chloride
Concen: 19.866 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 84 Resp: 76255

Ion	Ratio	Lower	Upper
84	100		
49	127.7	104.7	157.1
51	38.5	31.0	46.4
86	64.5	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 20.238 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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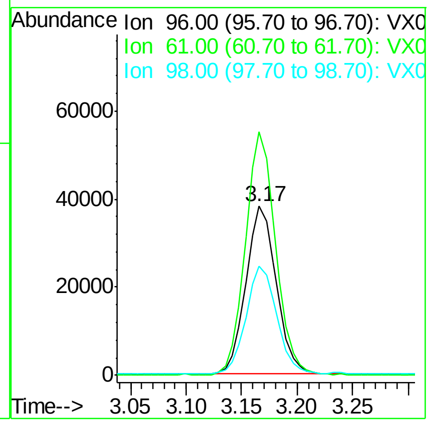
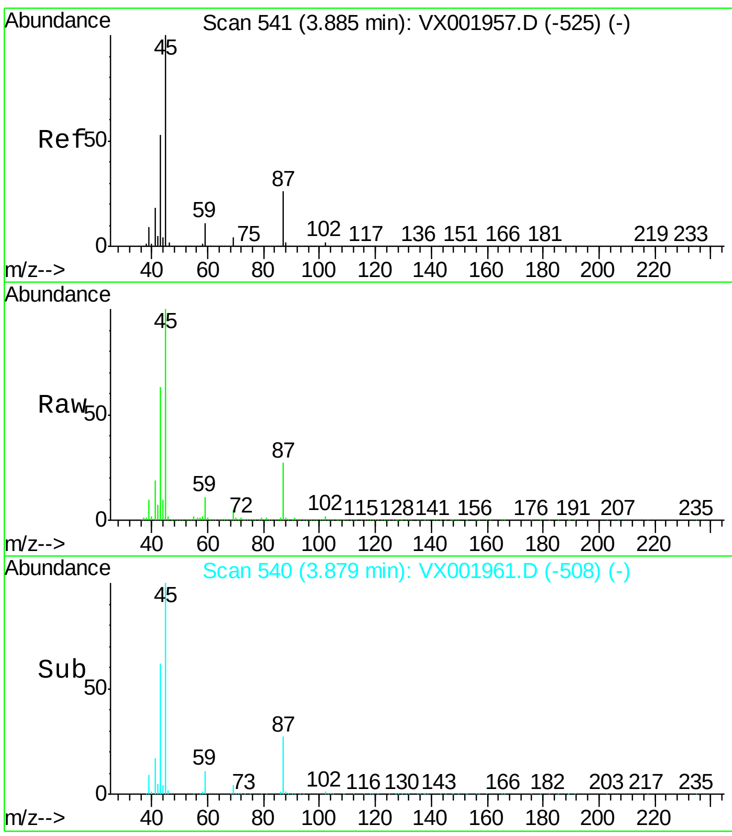
Tgt Ion: 96 Resp: 73079

Ion	Ratio	Lower	Upper
96	100		
61	145.0	114.6	172.0
98	63.7	51.3	76.9

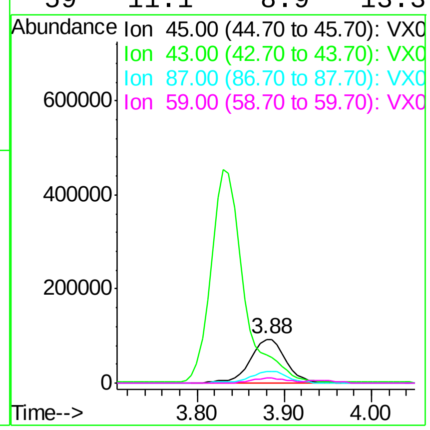


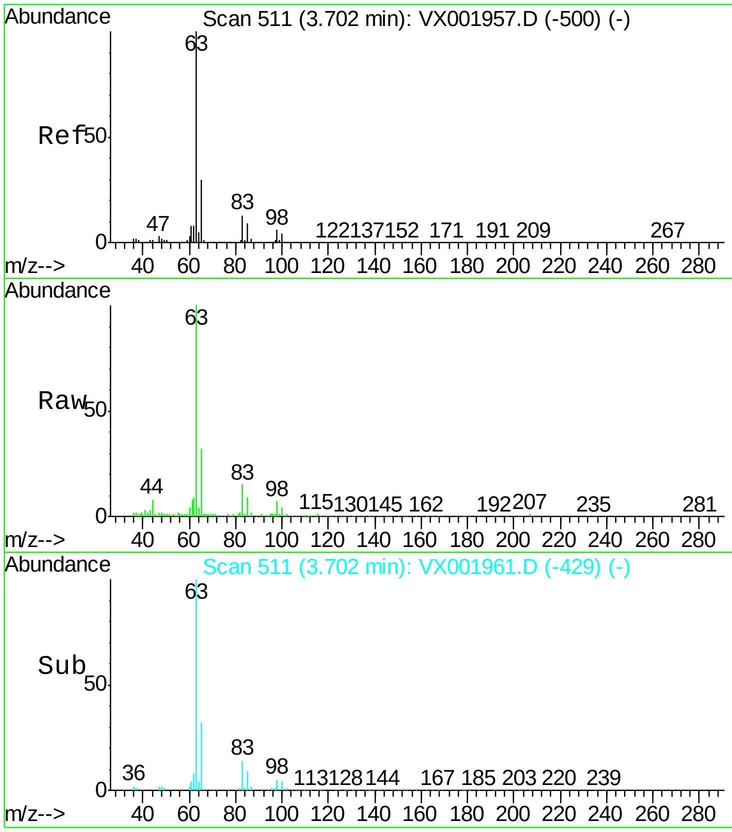


#20
Diisopropyl ether
Concen: 19.567 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 45 Resp: 263349

Ion	Ratio	Lower	Upper
45	100		
43	60.9	45.6	68.4
87	27.3	20.7	31.1
59	11.1	8.9	13.3





#21
1,1-Dichloroethane
Concen: 19.600 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 63 Resp: 140418

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.1	9.3
100	4.4	2.2	6.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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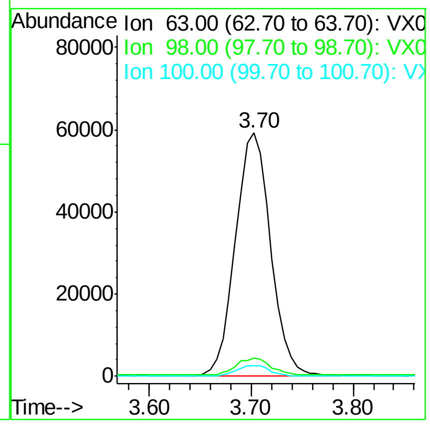
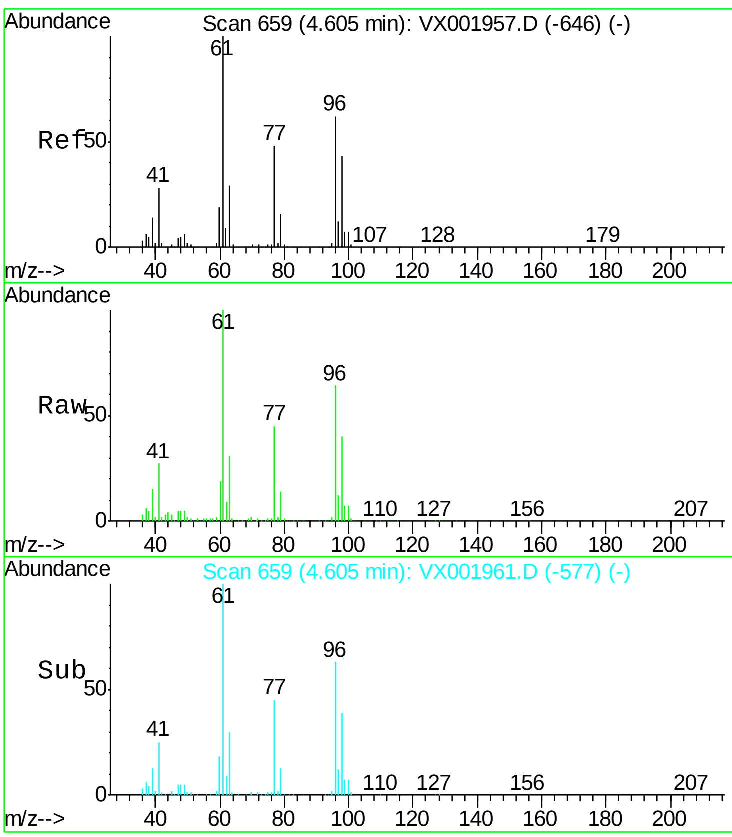
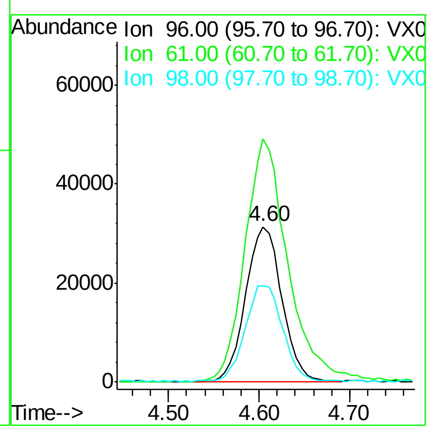


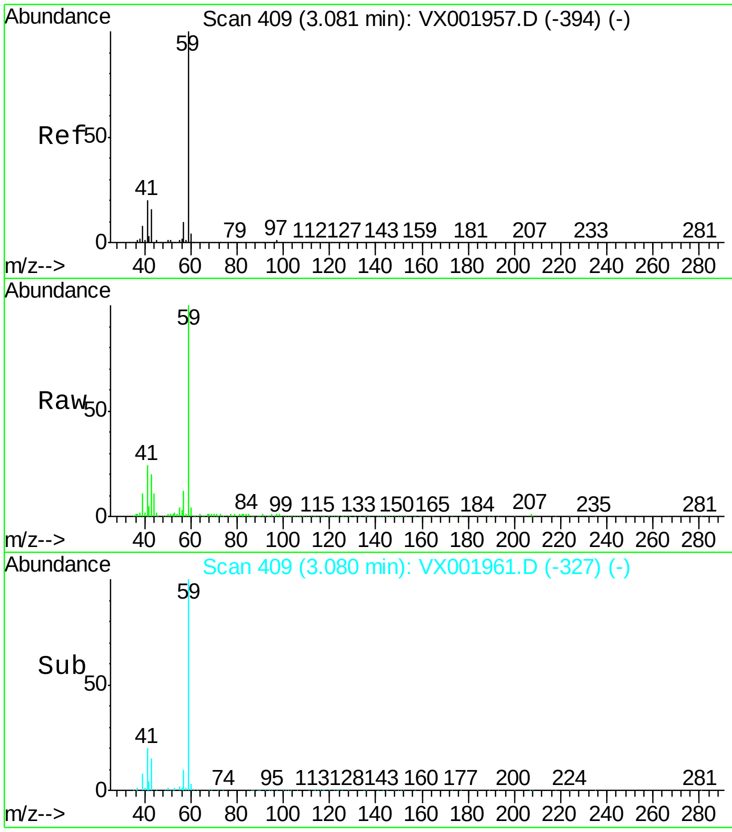


#22
cis-1,2-Dichloroethene
Concen: 20.133 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 96 Resp: 86674

Ion	Ratio	Lower	Upper
96	100		
61	188.2	160.2	240.2
98	63.8	54.1	81.1






```
#23
tert-Butyl Alcohol
Concen:   102.566 ug/l
RT: 3.08 min   Scan# 409
Delta R.T.    -0.00 min
Lab File:    VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 59 Resp:   121159
Ion  Ratio  Lower  Upper
 59  100
 52     0.2    0.2    0.2#
```

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
MMDadoda
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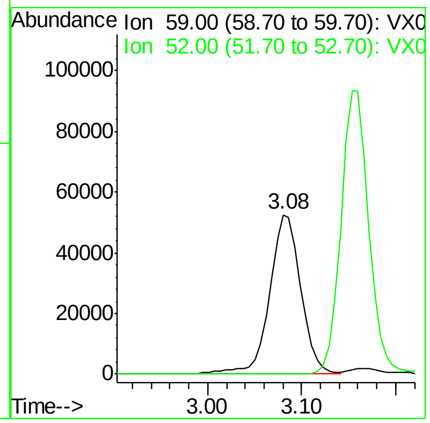
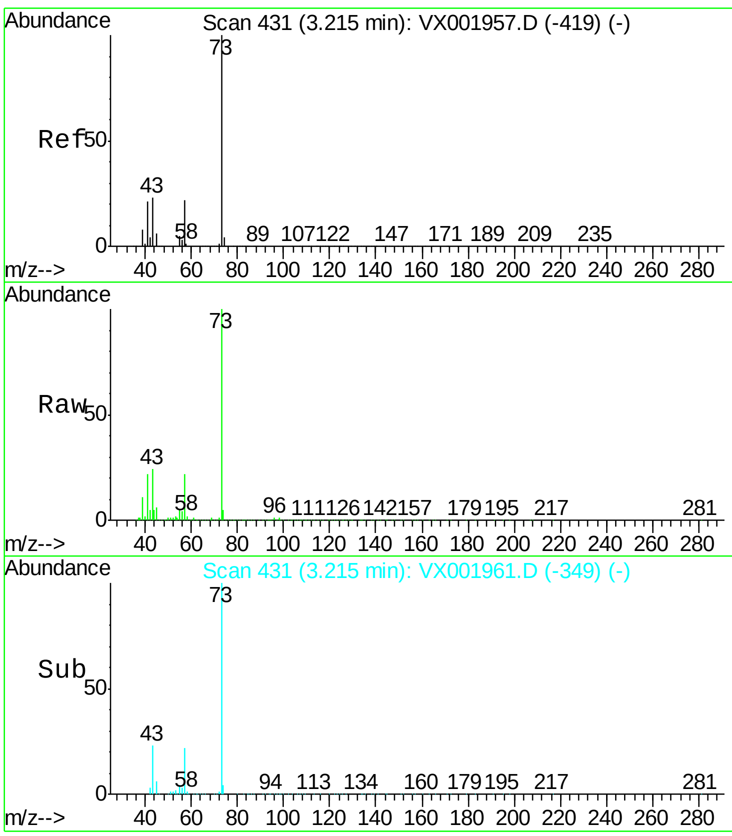
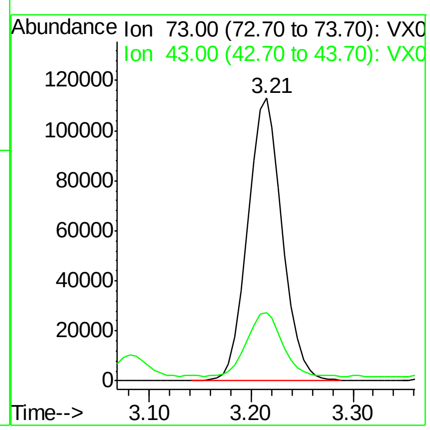
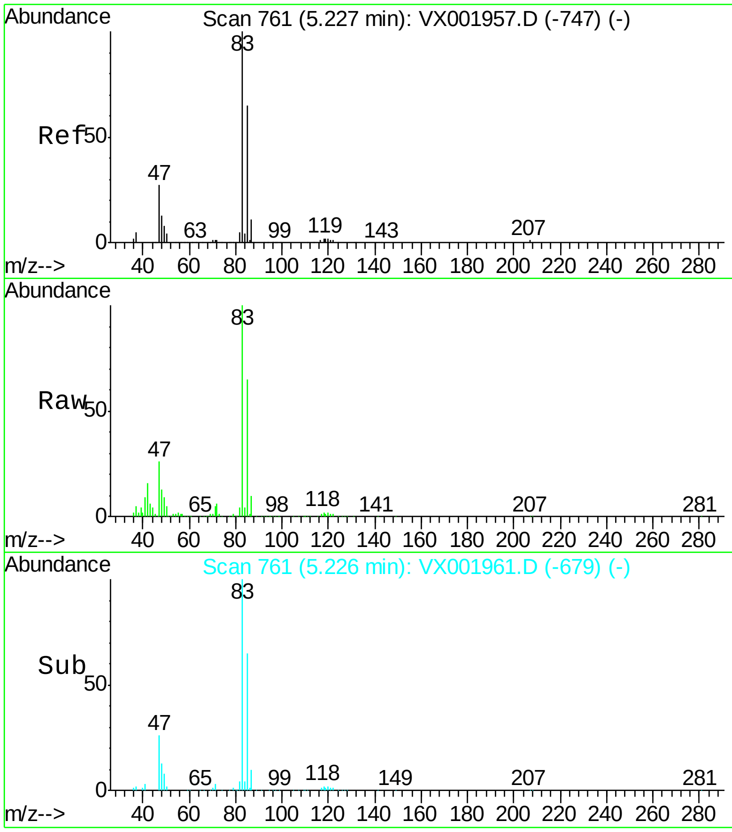





```
#24
Methyl tert-Butyl Ether
Concen:    19.959 ug/l
RT: 3.21 min   Scan# 431
Delta R.T.    -0.00 min
Lab File:    VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 73 Resp:   266074
Ion  Ratio  Lower  Upper
 73  100
 43   23.2   19.0   28.4
```





#25
Chloroform
Concen: 19.556 ug/l
RT: 5.23 min   Scan# 761
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion: 83 Resp: 147306

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.9	77.9

Manual Integrations APPROVED
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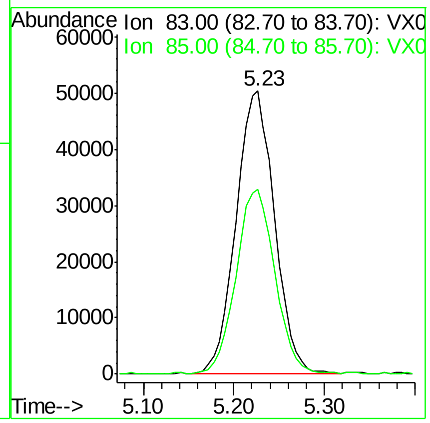
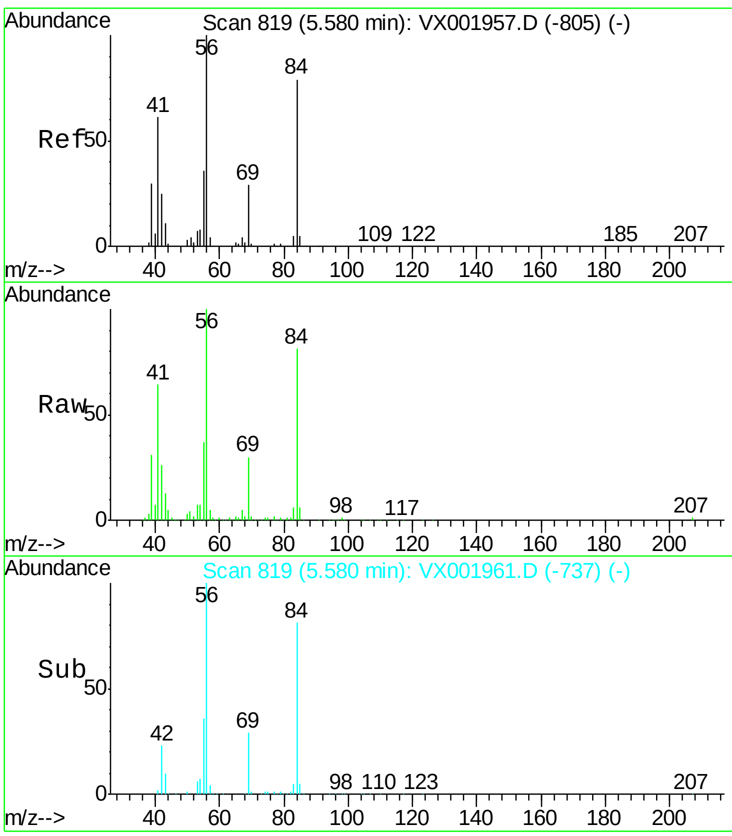
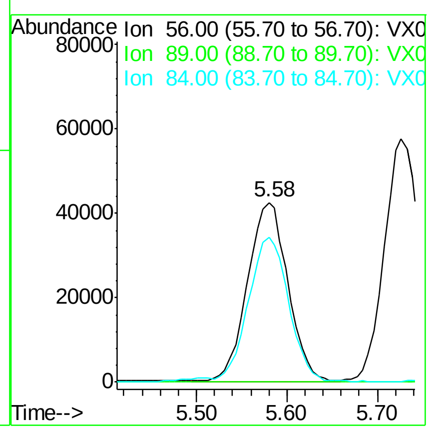


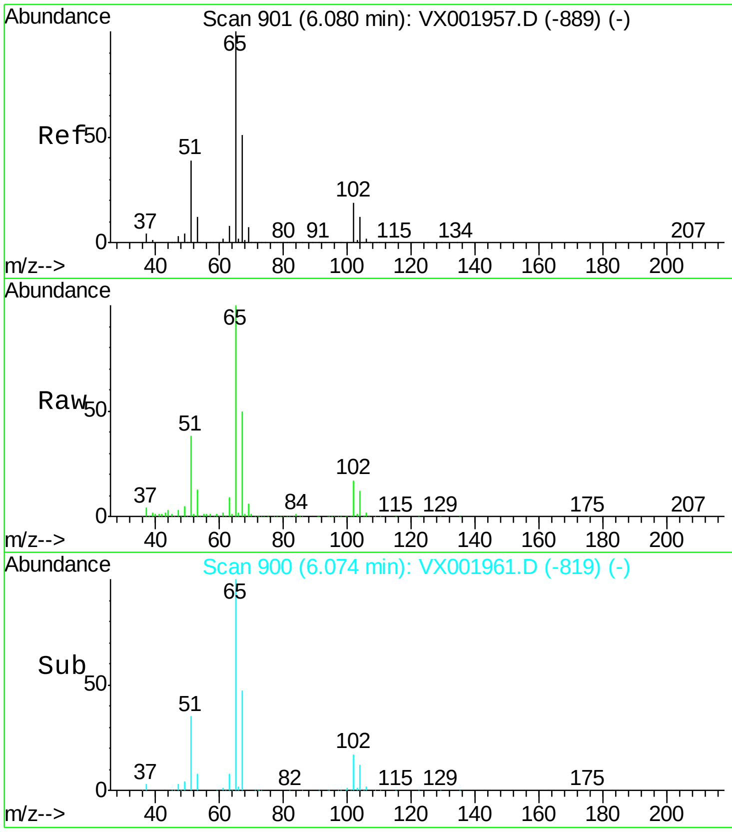


#26
Cyclohexane
Concen: 19.726 ug/l
RT: 5.58 min   Scan# 819
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 56 Resp: 130060

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	80.6	64.9	97.3





#27
1,2-Dichloroethane-d4
Concen: 30.040 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 65 Resp: 162270

Ion	Ratio	Lower	Upper
65	100		
67	51.3	40.9	61.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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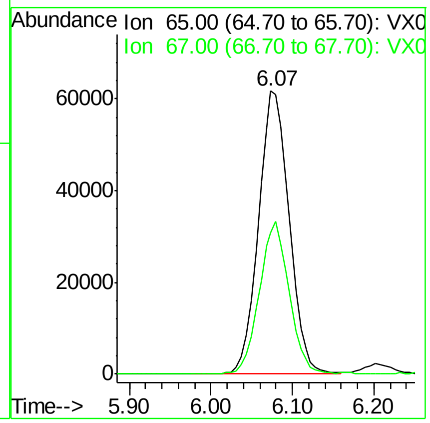
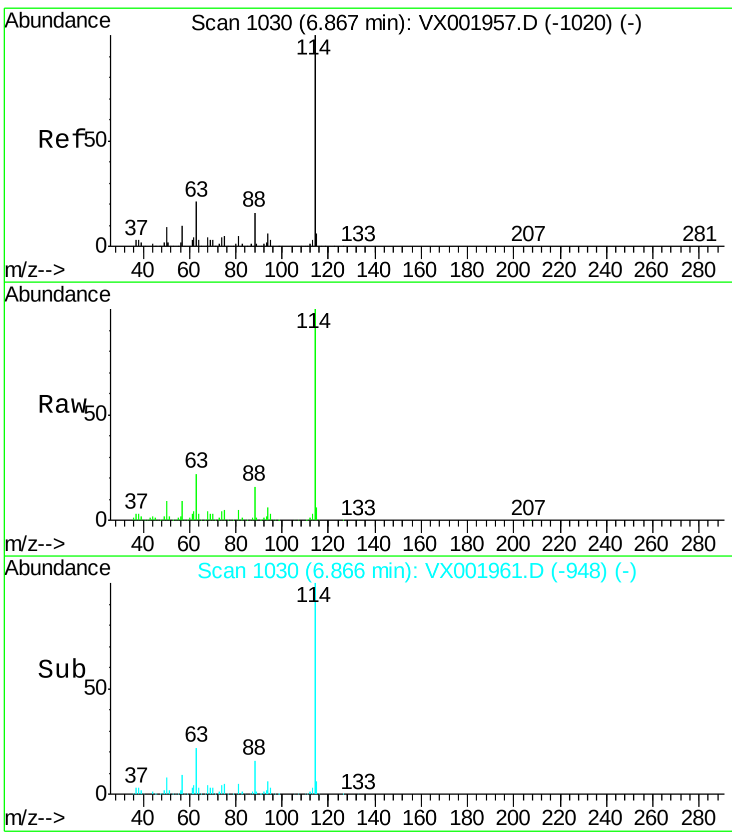
5/29/2018 4:39:20 PM

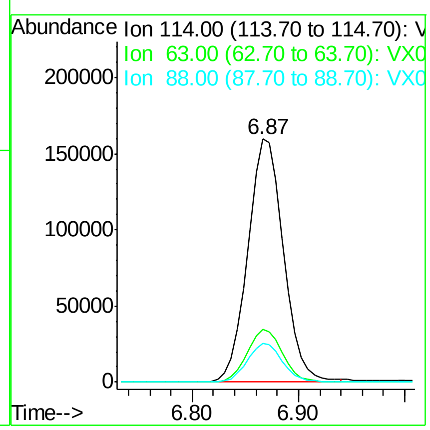




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

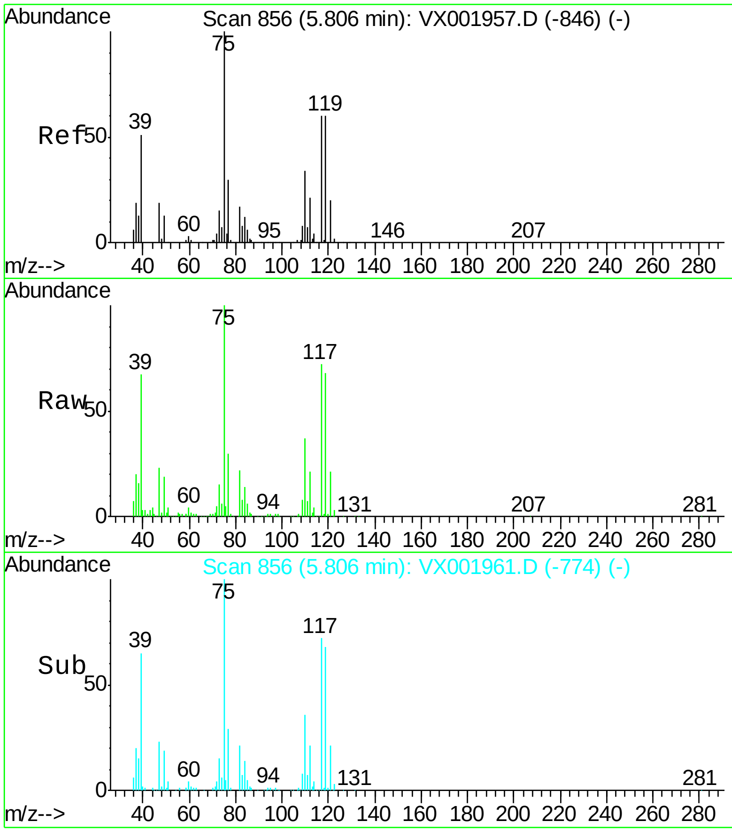
Tgt Ion:114 Resp: 376969

Ion	Ratio	Lower	Upper
114	100		
63	21.1	17.1	25.7
88	15.9	12.6	19.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

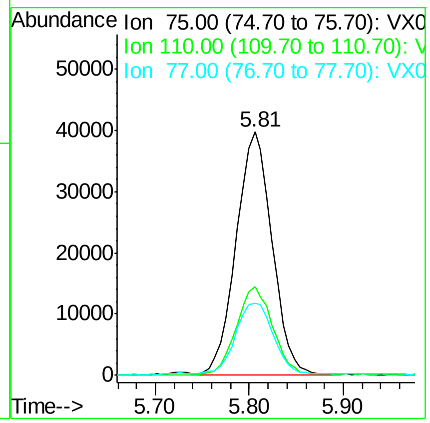
Manual Integrations APPROVED
MMDadoda
5/29/2018 4:39:20 PM

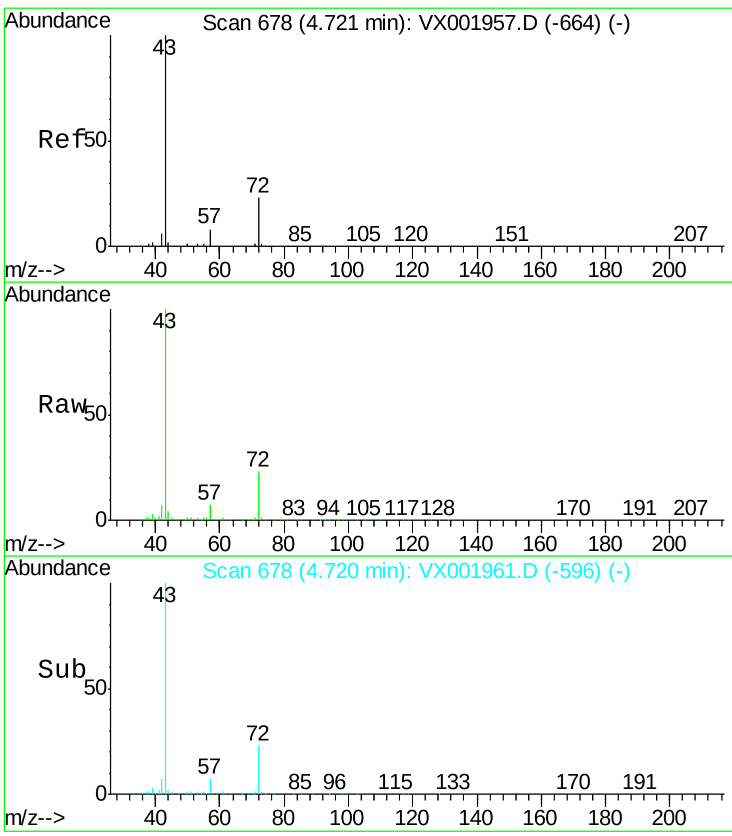


#29
1,1-Dichloropropene
Concen: 20.173 ug/l
RT: 5.81 min   Scan# 856
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 75 Resp: 106395

Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	71.4
77	30.5	0.0	60.6

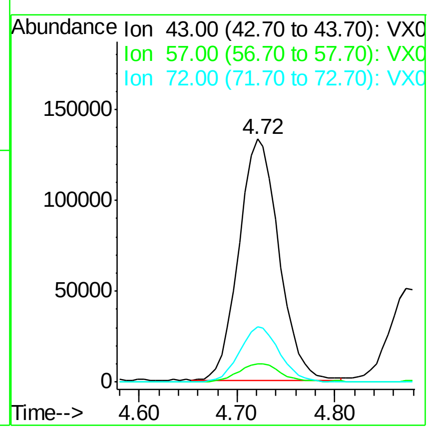


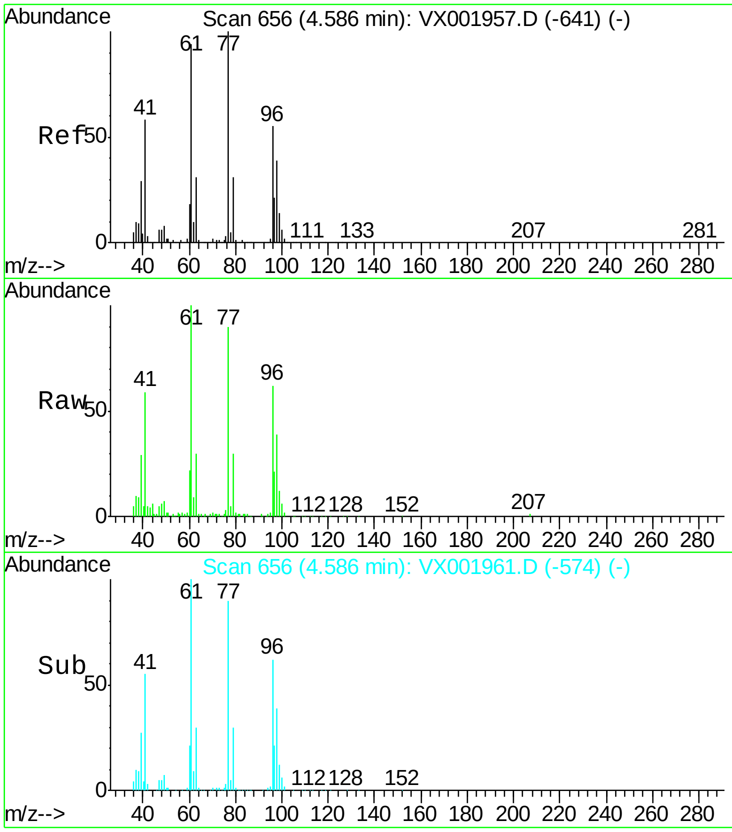


#30
2-Butanone
Concen: 102.010 ug/l
RT: 4.72 min   Scan# 678
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 43 Resp: 375275

Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.1	9.1
72	22.9	18.1	27.1





#31
2,2-Dichloropropane
Concen: 18.677 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 77 Resp: 86573

Ion	Ratio	Lower	Upper
77	100		
97	23.8	18.7	28.1

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

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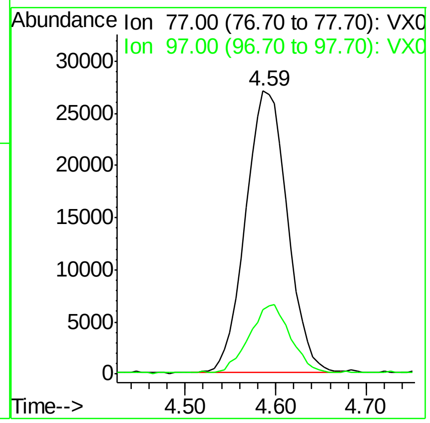
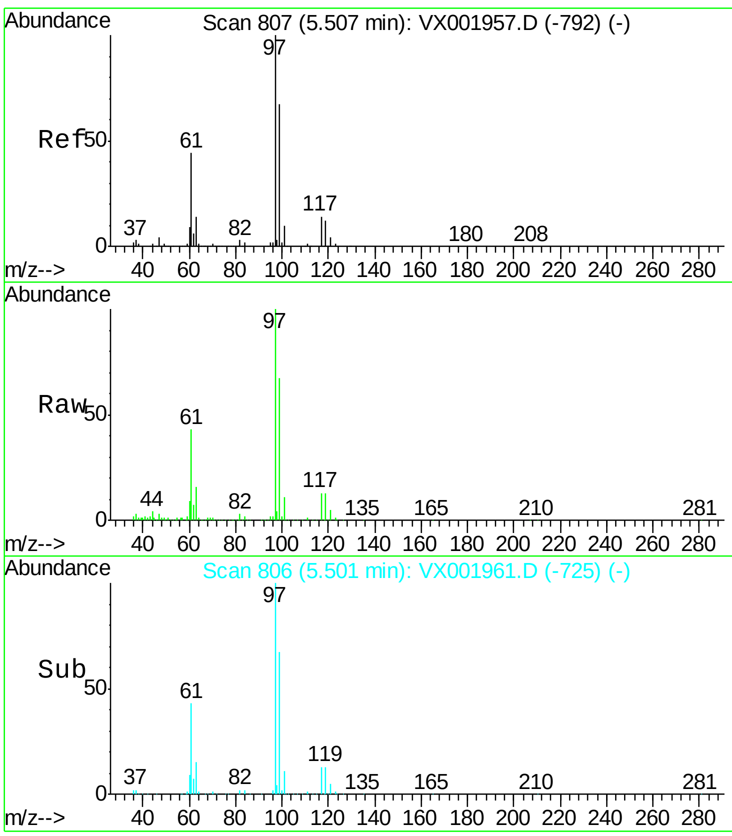
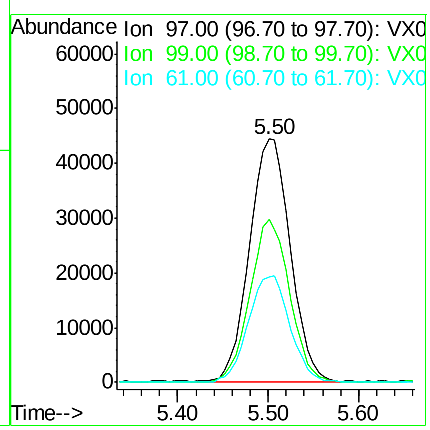


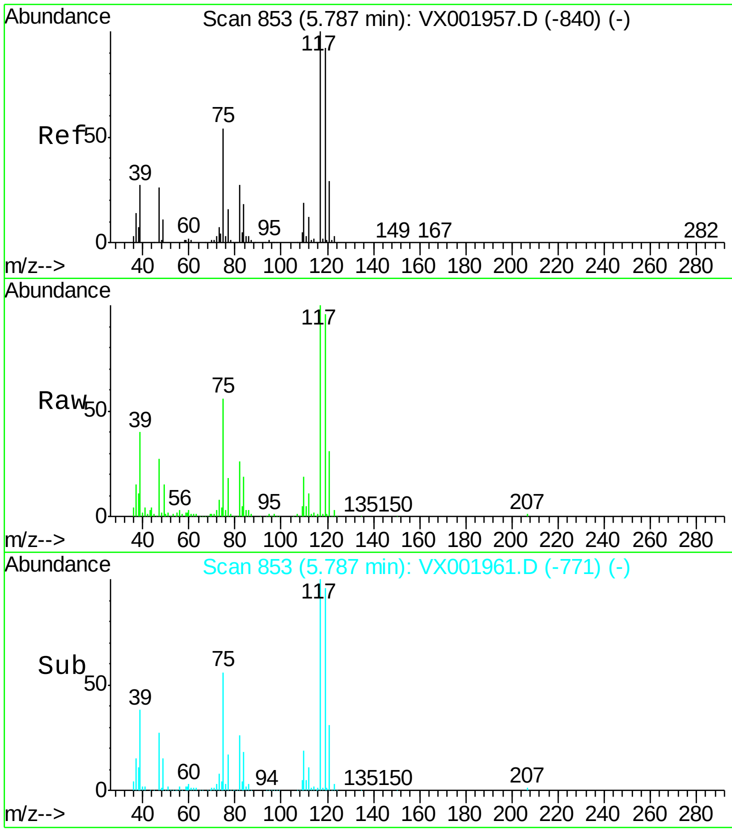


#32
1,1,1-Trichloroethane
Concen: 20.120 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 97 Resp: 138589

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	44.8	36.4	54.6





#33
Carbon Tetrachloride
Concen: 19.896 ug/l
RT: 5.79 min   Scan# 853
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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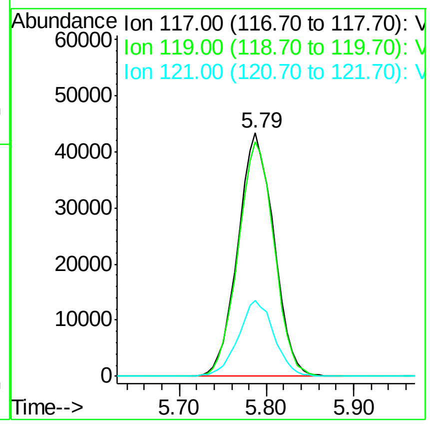
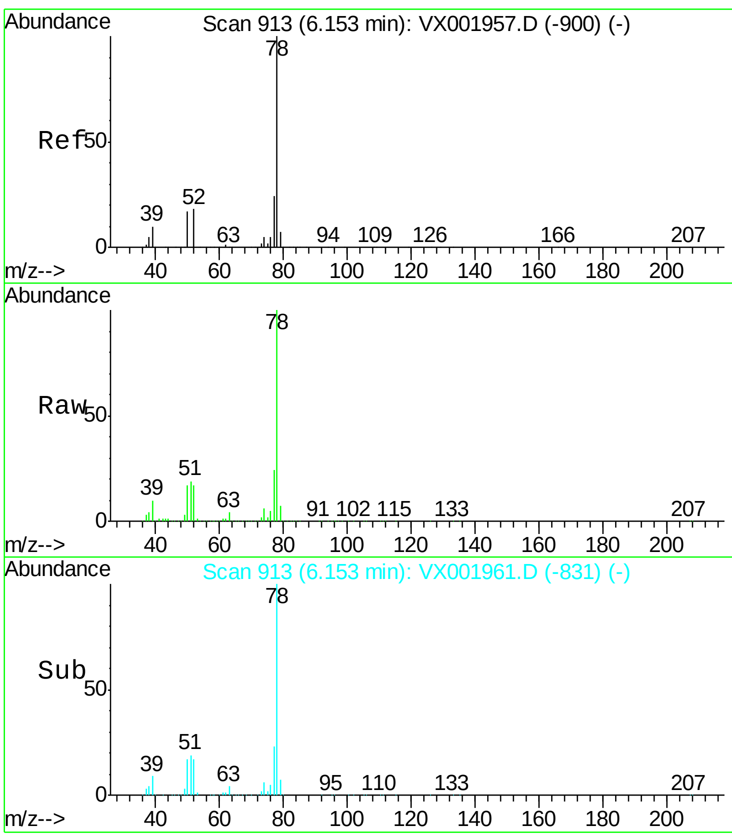
Tgt Ion:117 Resp: 124541

Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.3	109.9
121	31.4	23.6	35.4

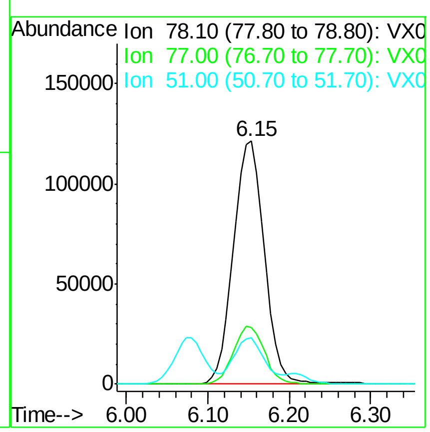


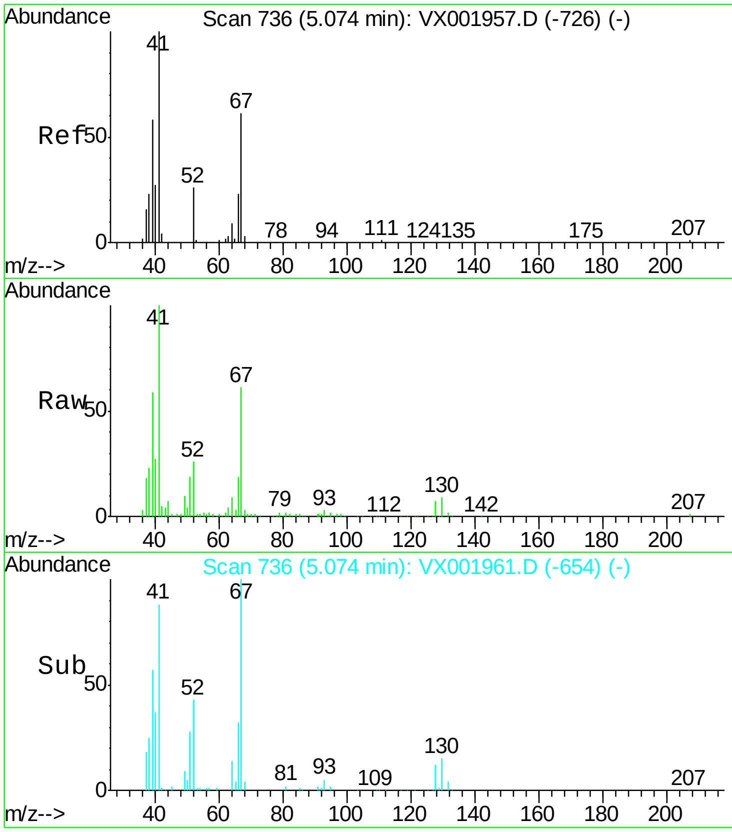


#34
Benzene
Concen: 19.945 ug/l
RT: 6.15 min   Scan# 913
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 78 Resp: 317647

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0
51	18.6	13.8	20.6





#35
Methacrylonitrile
Concen: 19.952 ug/l
RT: 5.07 min   Scan# 736
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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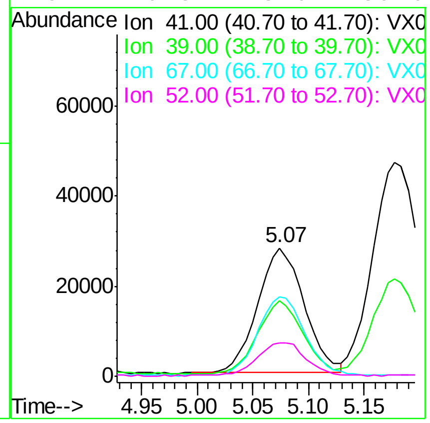
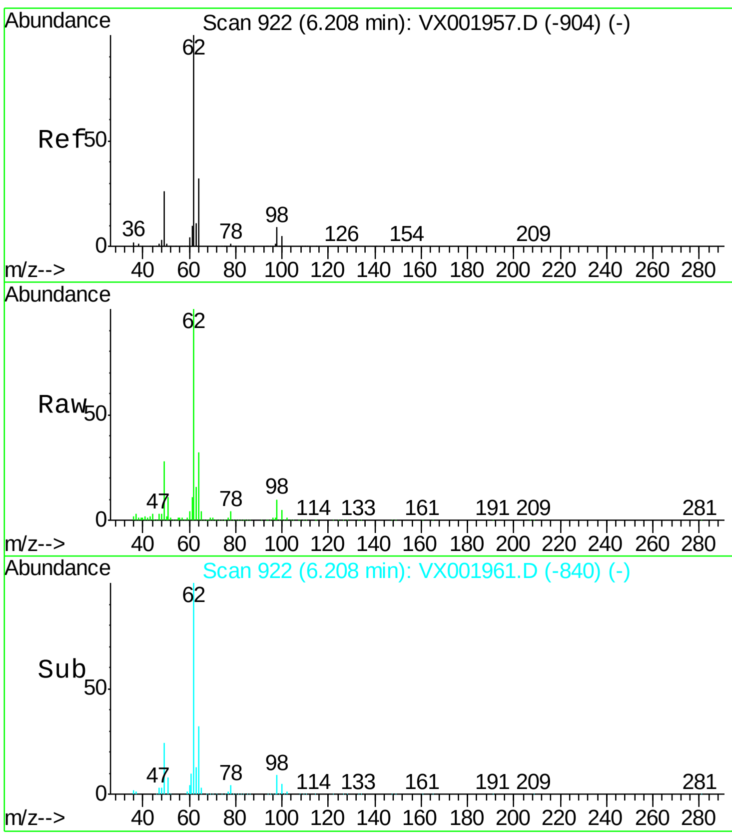
Tgt Ion: 41 Resp: 81281

Ion	Ratio	Lower	Upper
41	100		
39	58.3	28.8	86.5
67	62.1	30.4	91.2
52	26.3	13.0	39.0

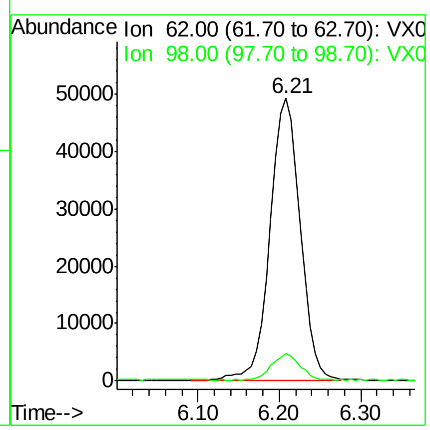


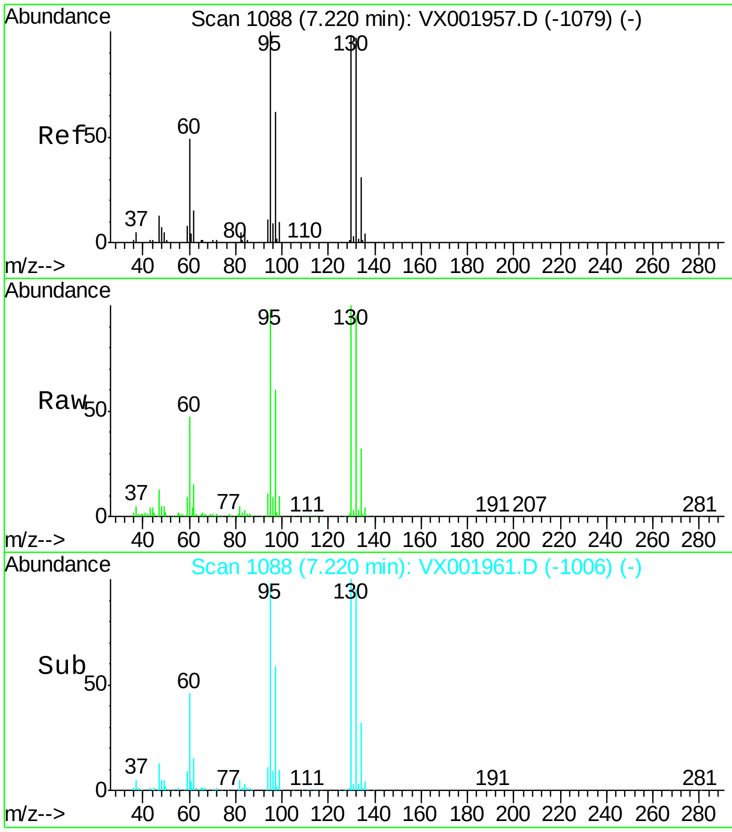


#36
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 6.21 min   Scan# 922
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 62 Resp: 127156

Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7





#37
Trichloroethene
Concen: 19.975 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:130 Resp: 90241

Ion	Ratio	Lower	Upper
130	100		
95	97.6	81.5	122.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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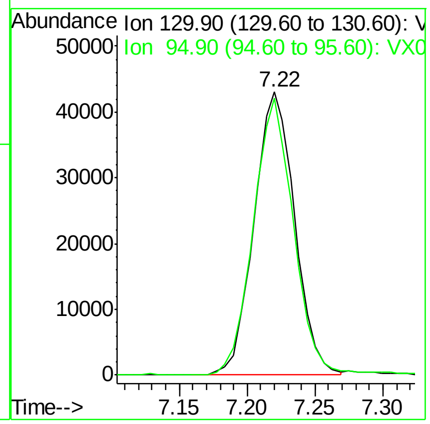
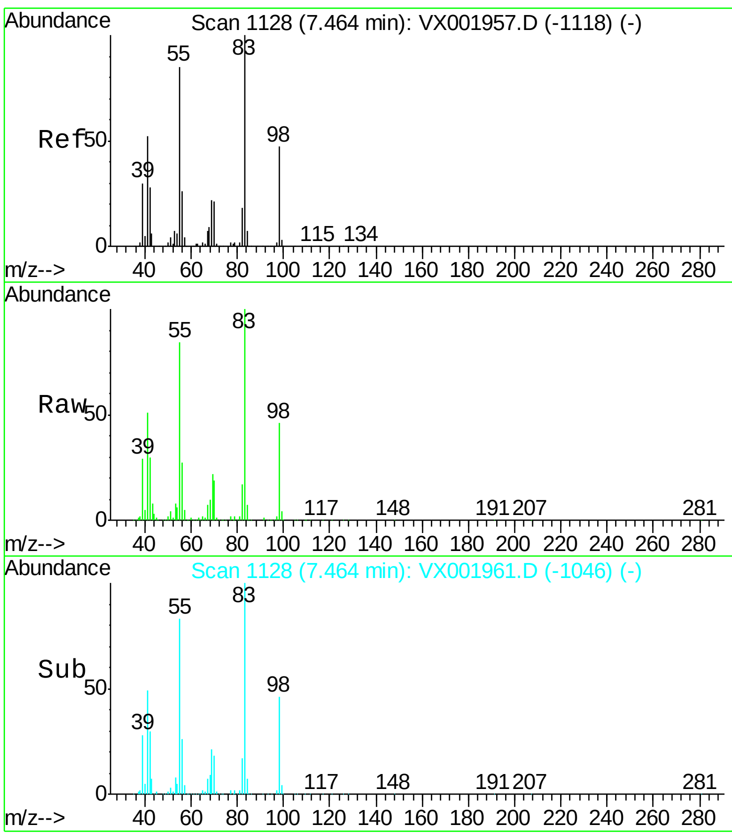
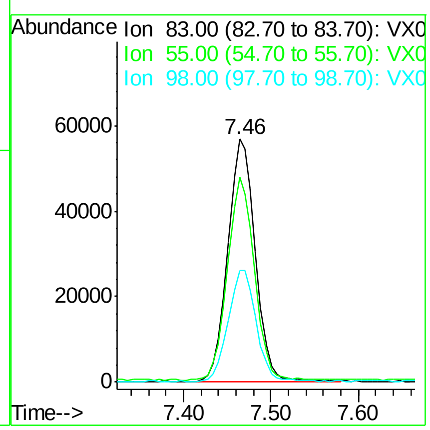


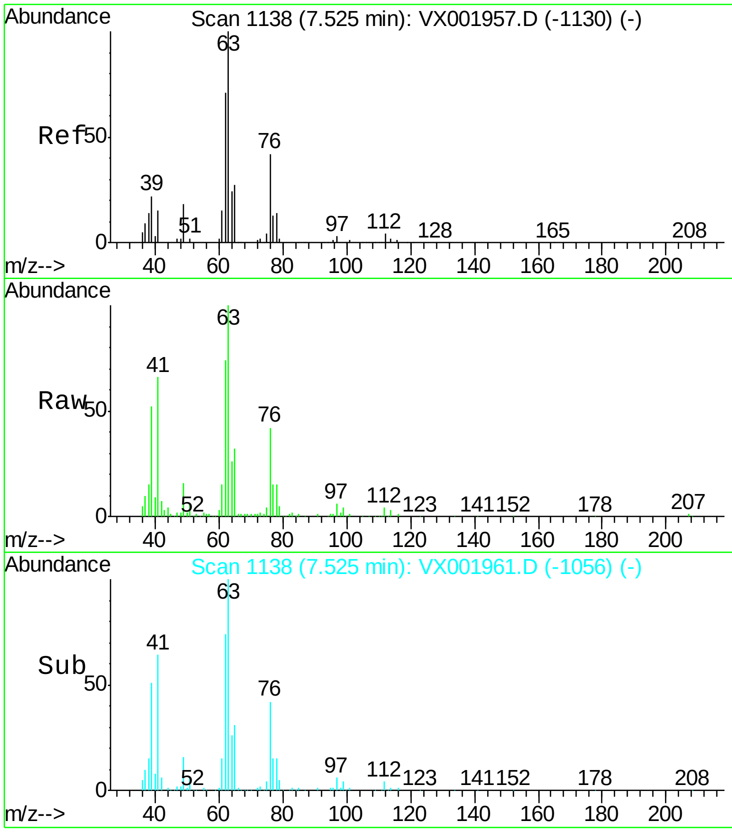


#38
Methylcyclohexane
Concen: 20.119 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 83 Resp: 123806

Ion	Ratio	Lower	Upper
83	100		
55	82.2	40.6	121.8
98	46.5	23.5	70.5





#39
1,2-Dichloropropane
Concen: 19.788 ug/l
RT: 7.52 min   Scan# 1138
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 63 Resp: 85211

Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.3	34.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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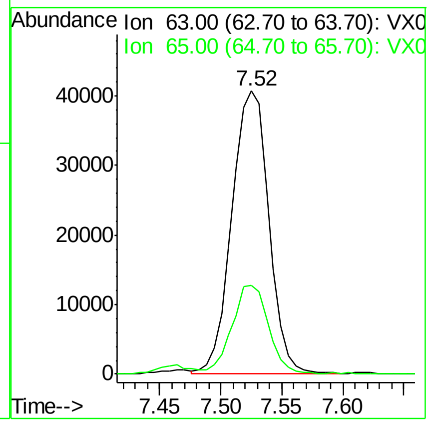
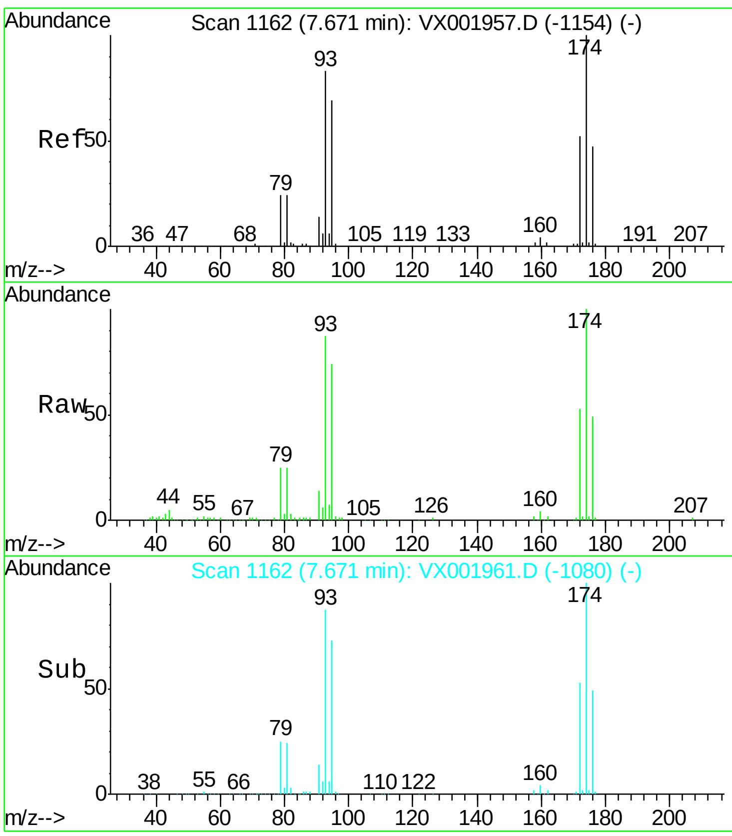
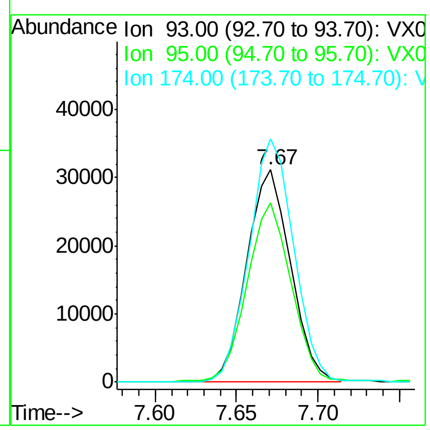


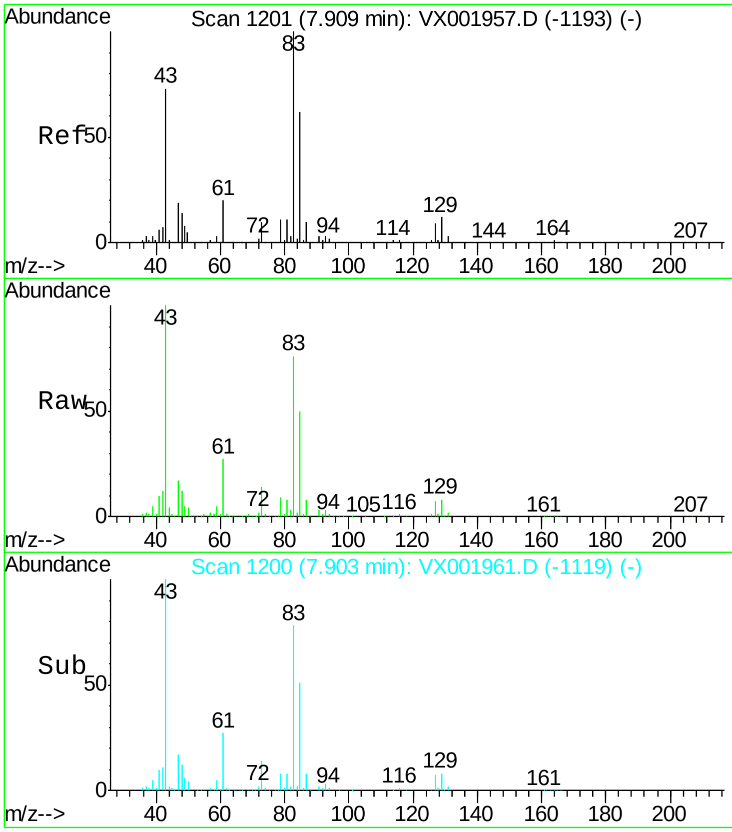


#40
Dibromomethane
Concen: 20.219 ug/l
RT: 7.67 min   Scan# 1162
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 93 Resp: 58413

Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	162.6
174	116.8	0.0	229.4





#41
Bromodichloromethane
Concen: 19.730 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 83 Resp: 118253

Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.8	74.8
127	9.1	7.3	10.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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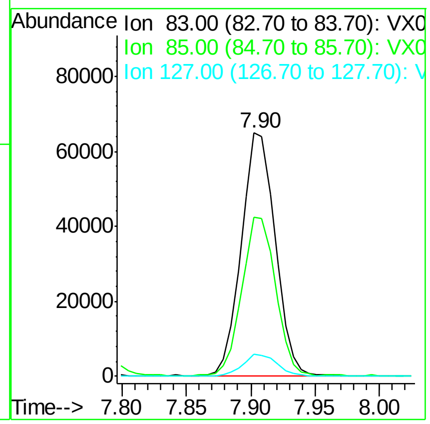
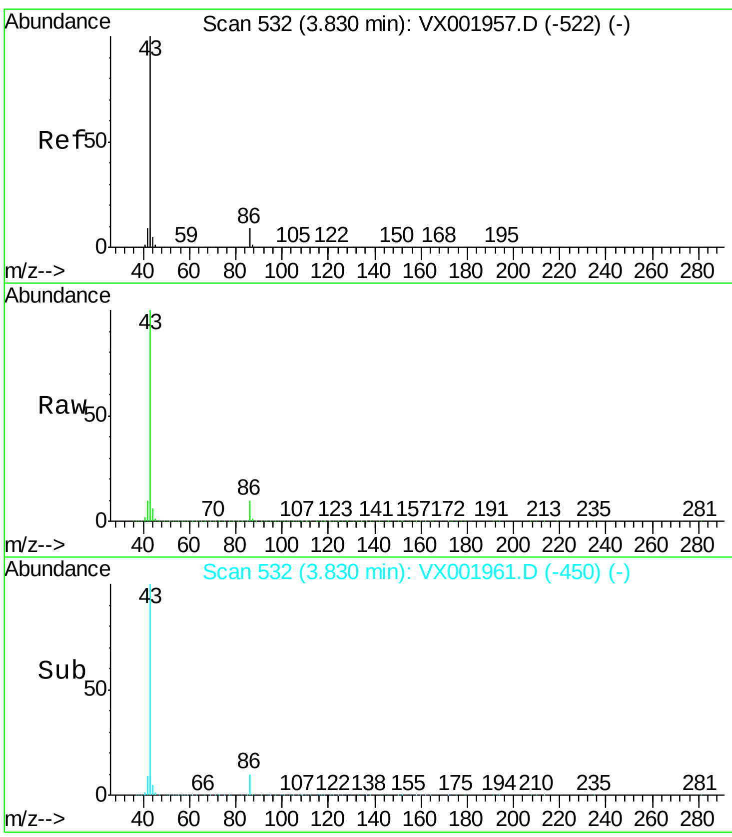
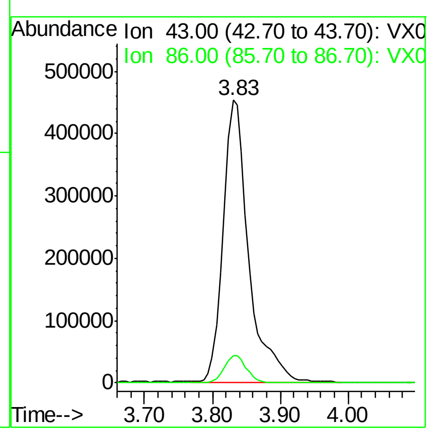


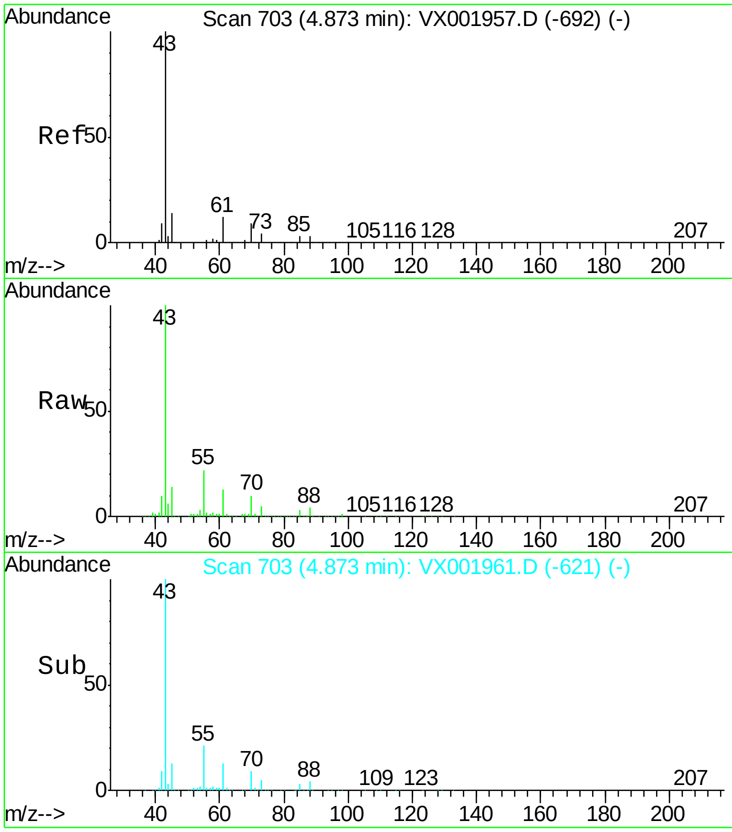


#42
Vinyl Acetate
Concen: 101.480 ug/l
RT: 3.83 min Scan# 532
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 43 Resp: 1181091

Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.7	10.1





#43
Ethyl Acetate
Concen: 20.111 ug/l
RT: 4.87 min   Scan# 703
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 43	Resp:	145218	
Ion	Ratio	Lower	Upper
43	100		
45	14.7	11.0	16.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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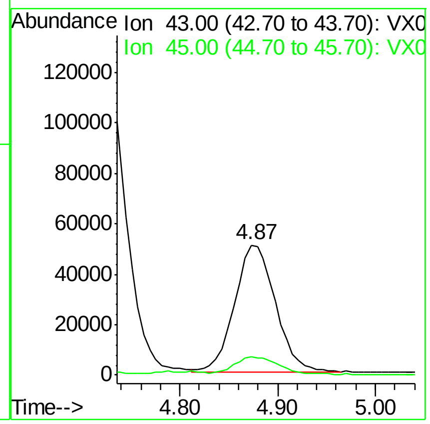
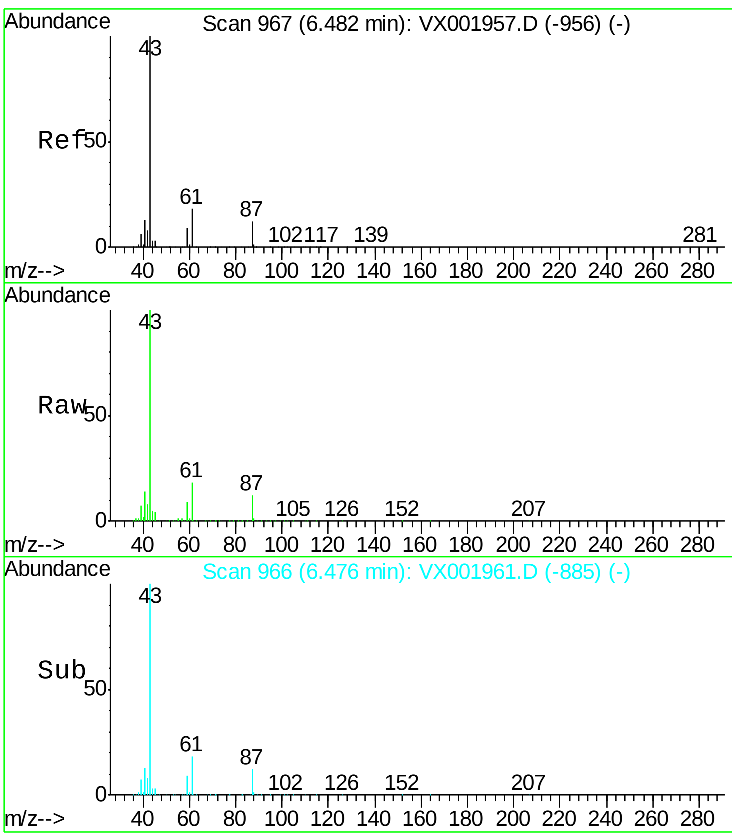
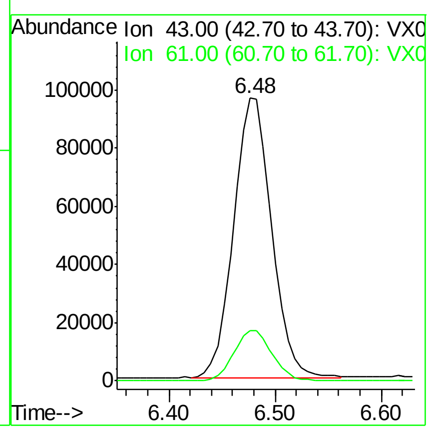
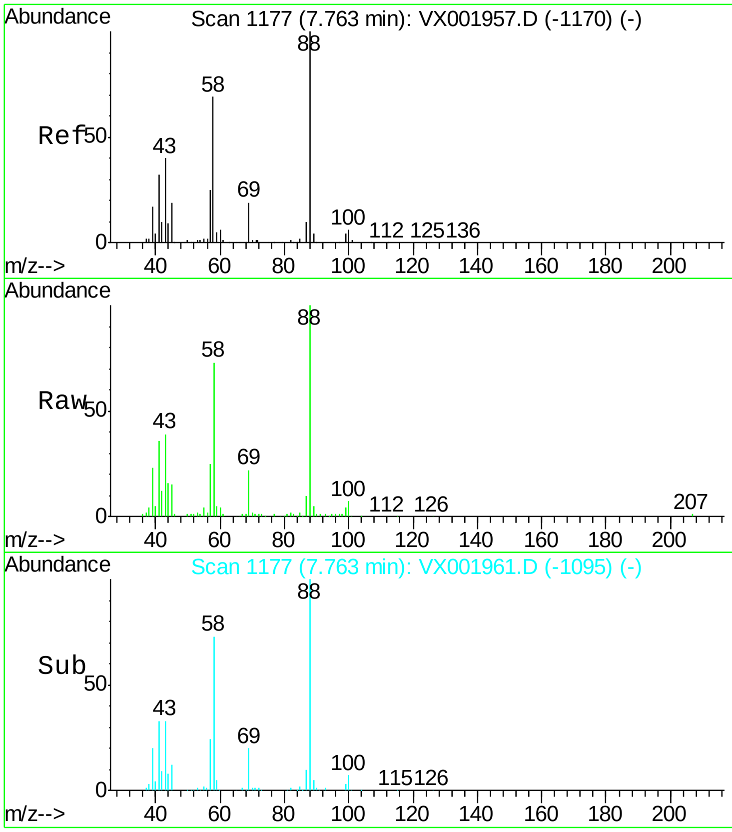




#44
Isopropyl Acetate
Concen: 20.094 ug/l
RT: 6.48 min   Scan# 966
Delta R.T.   -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 43	Resp:	241286	
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7





#45
1,4-Dioxane
Concen: 404.358 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 88 Resp: 46190

Ion	Ratio	Lower	Upper
88	100		
43	44.7	43.2	64.8
58	73.6	60.2	90.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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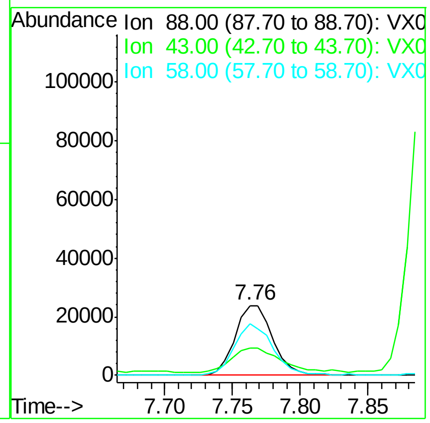
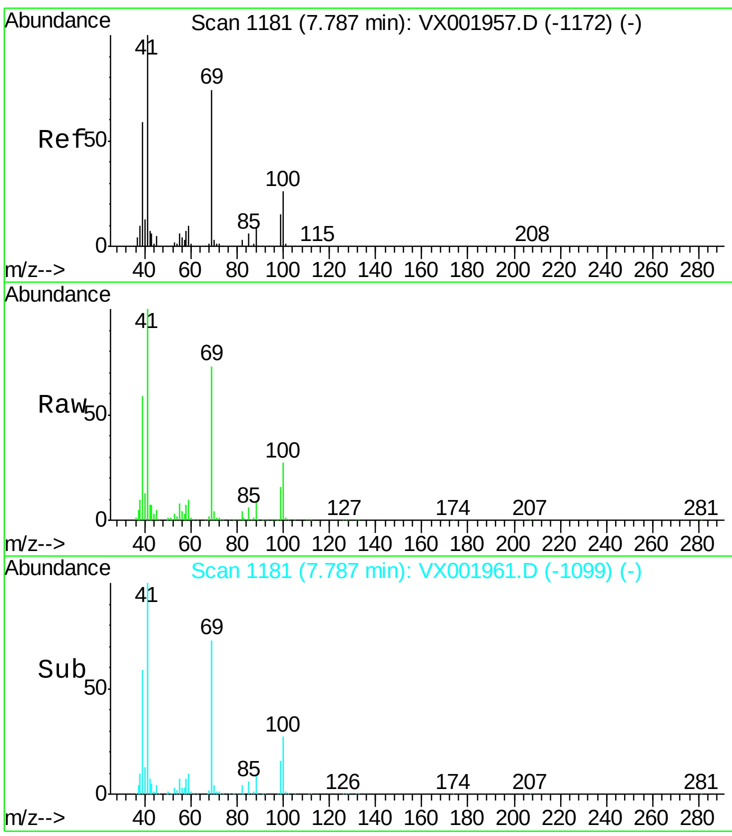
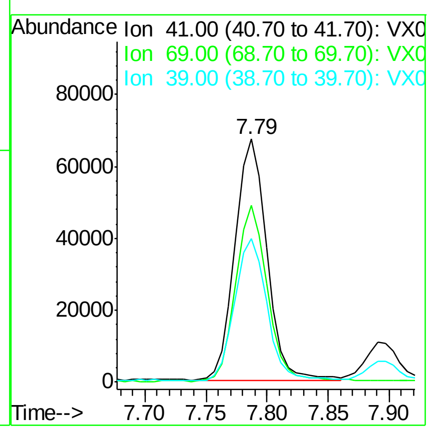


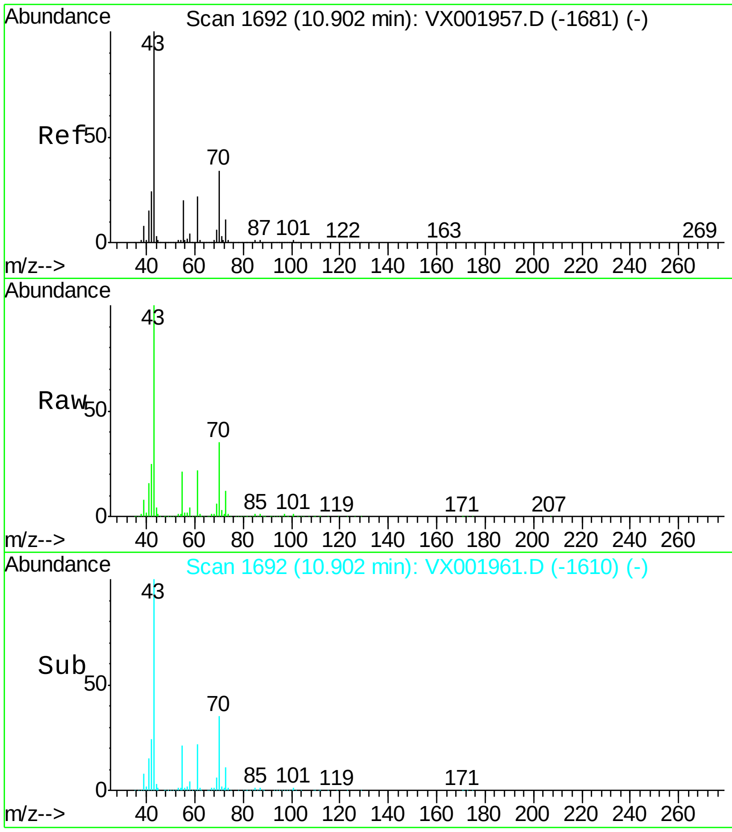


#46
Methyl methacrylate
Concen: 20.000 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 41 Resp: 121611

Ion	Ratio	Lower	Upper
41	100		
69	73.0	37.0	110.9
39	58.5	29.6	88.9





#47
n-amyl Acetate
Concen: 19.667 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 43 Resp: 217256

Ion	Ratio	Lower	Upper
43	100		
55	21.2	0.1	0.1#

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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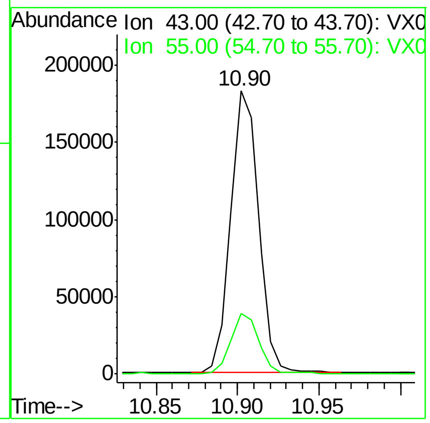
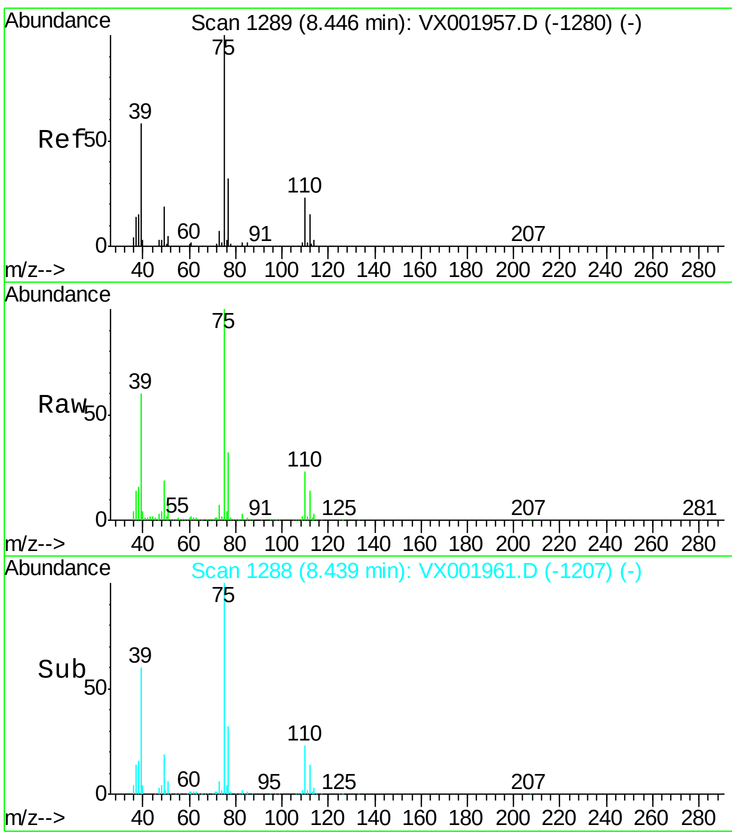
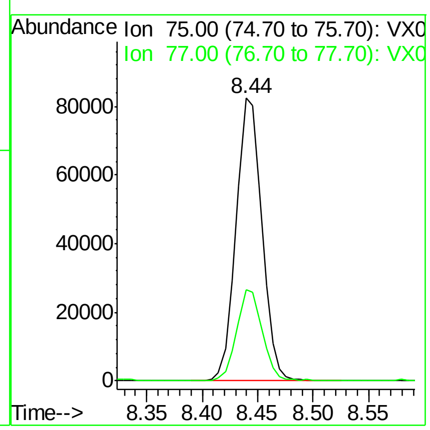


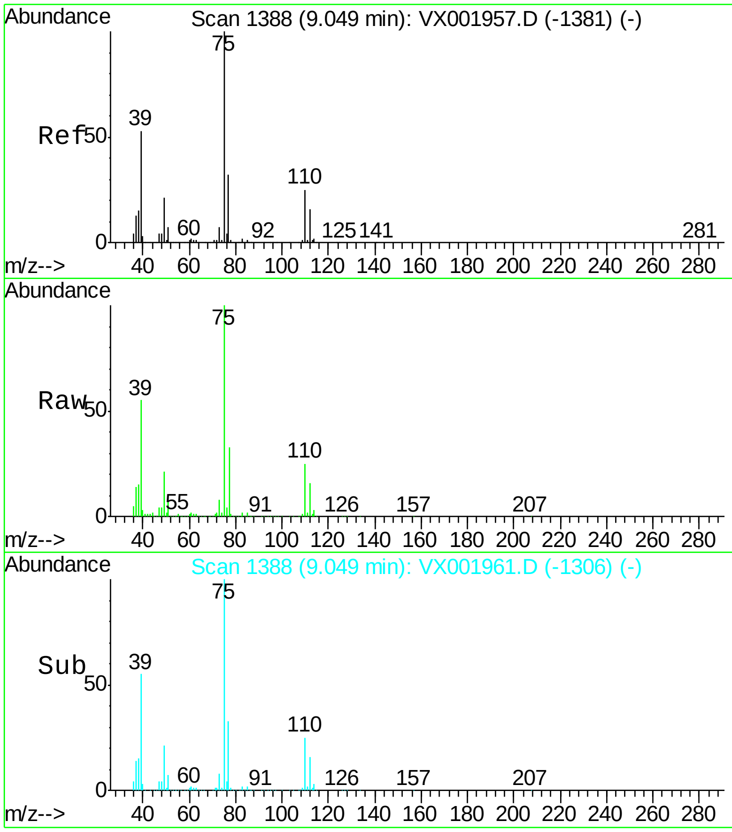


#48
t-1,3-Dichloropropene
Concen: 19.700 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 132688

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4





#49
cis-1,3-Dichloropropene
Concen: 19.733 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
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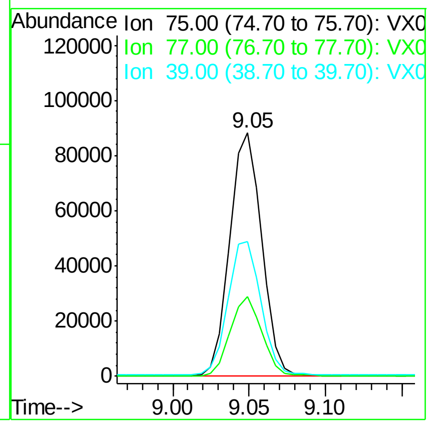
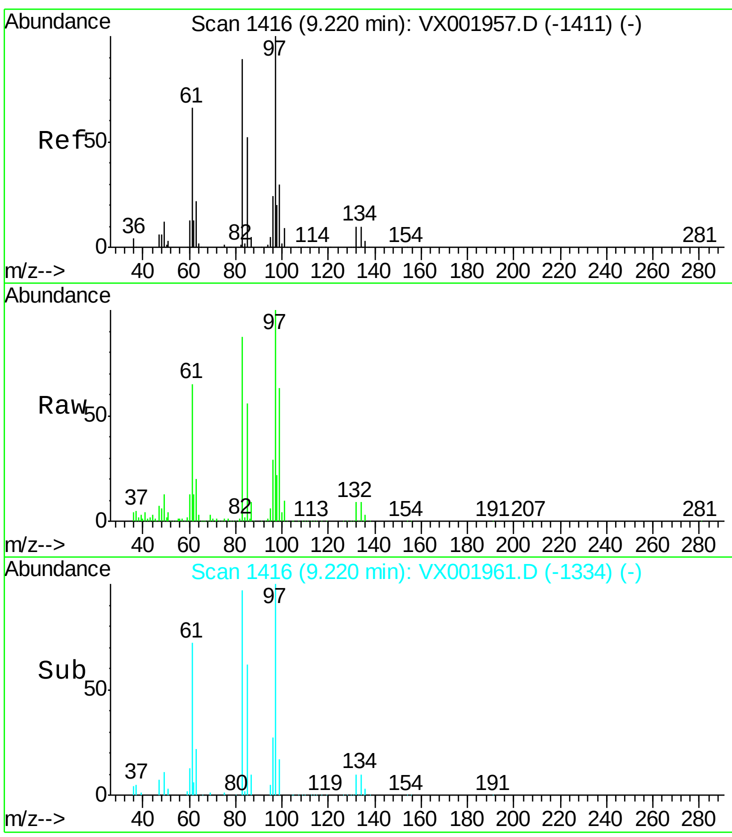
Tgt Ion: 75 Resp: 128663

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.2
39	54.7	42.3	63.5

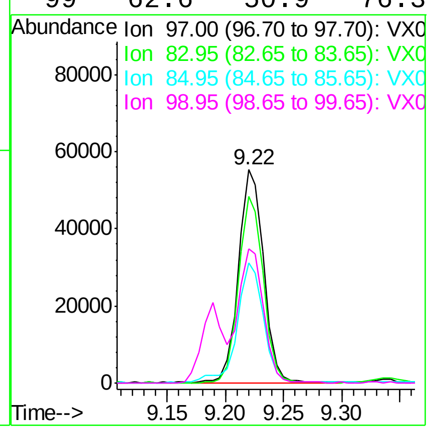


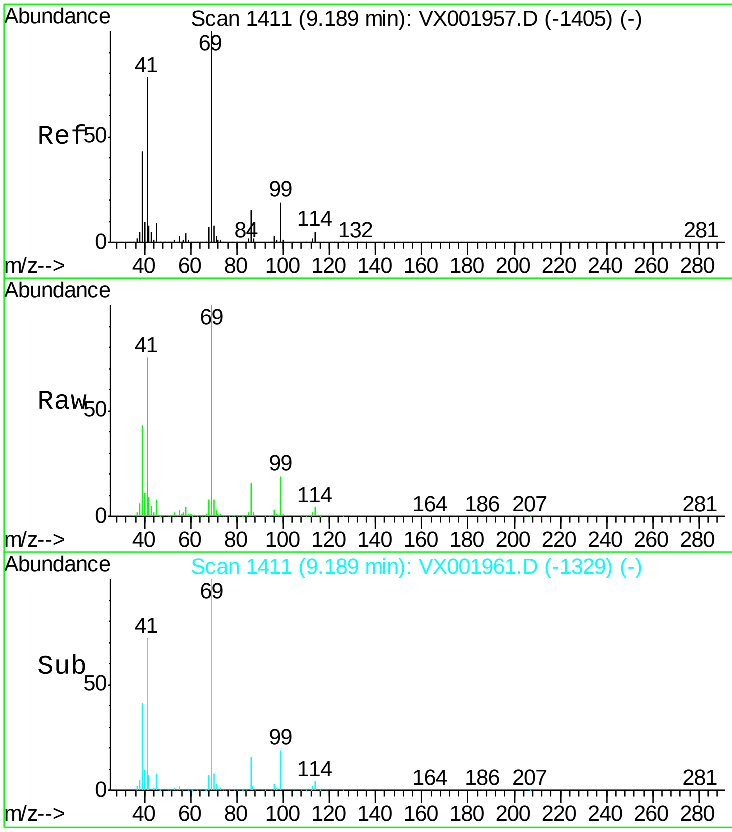


#50
1,1,2-Trichloroethane
Concen: 20.027 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 97 Resp: 83062

Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.8	106.2
85	56.1	43.5	65.3
99	62.6	50.9	76.3





#51
Ethyl methacrylate
Concen: 19.927 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 69 Resp: 143174

Ion	Ratio	Lower	Upper
69	100		
41	74.2	39.1	117.3
39	42.1	21.7	65.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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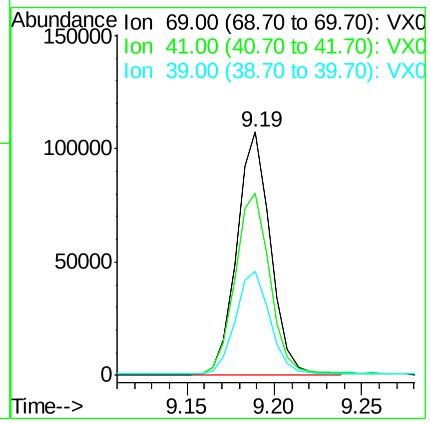
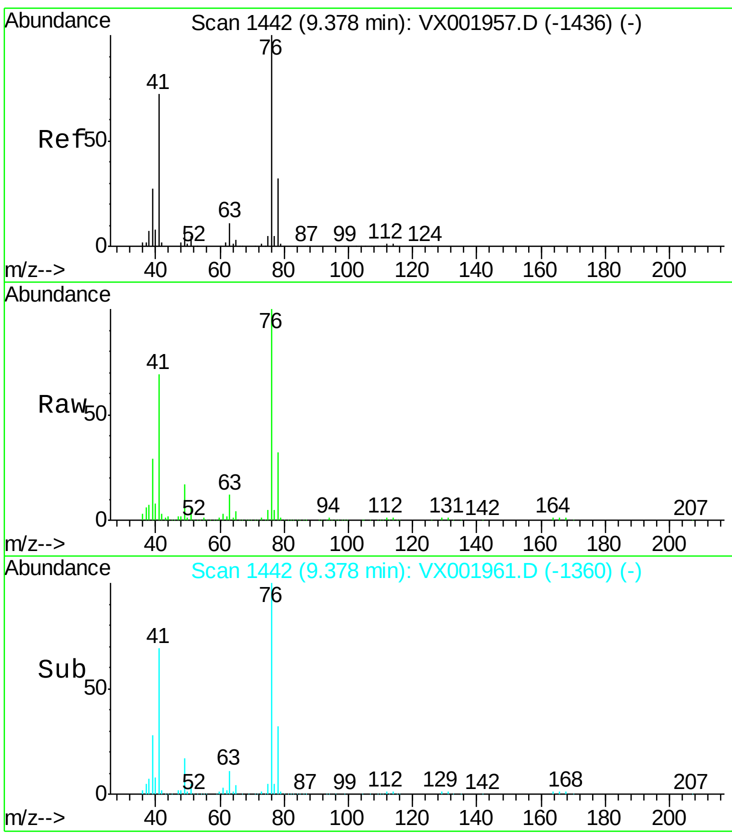
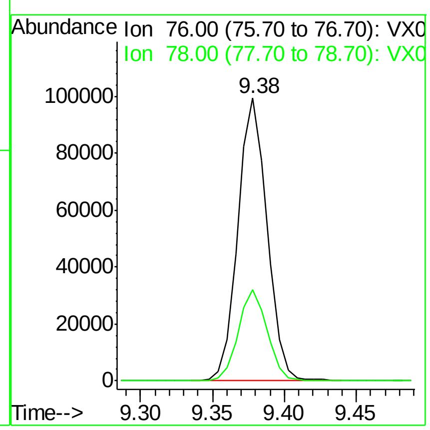


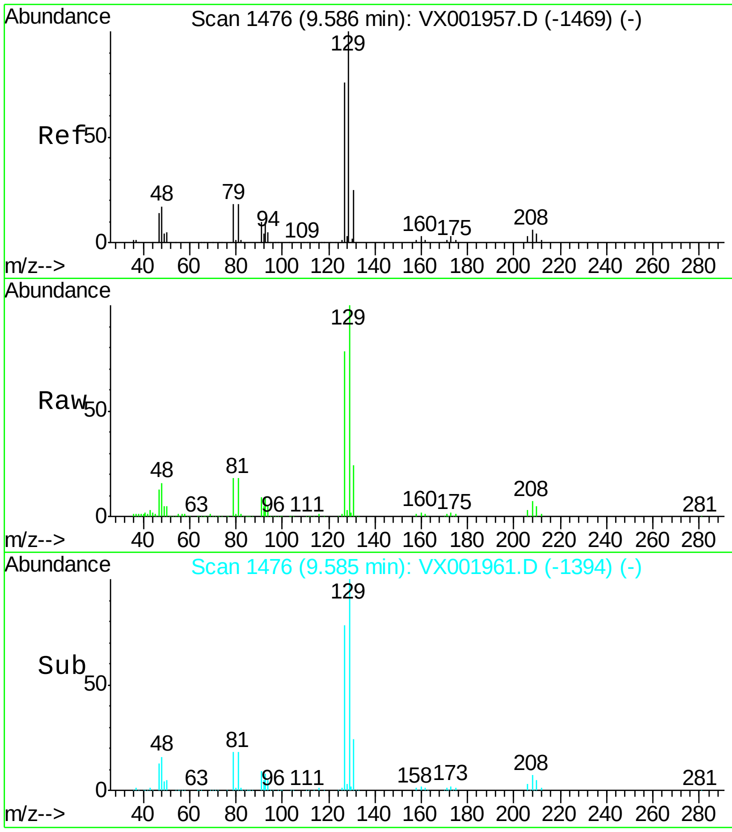


#52
1,3-Dichloropropane
Concen: 20.141 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 76 Resp: 140913

Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	63.4





#53
Dibromochloromethane
Concen: 19.427 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:129 Resp: 98438

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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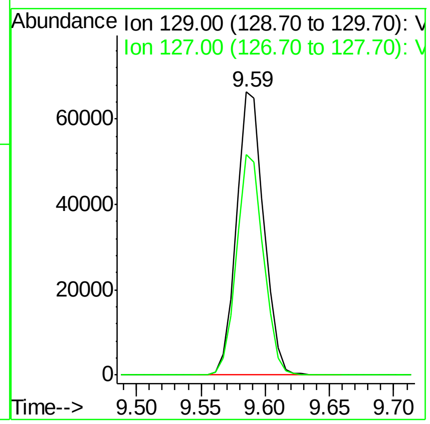
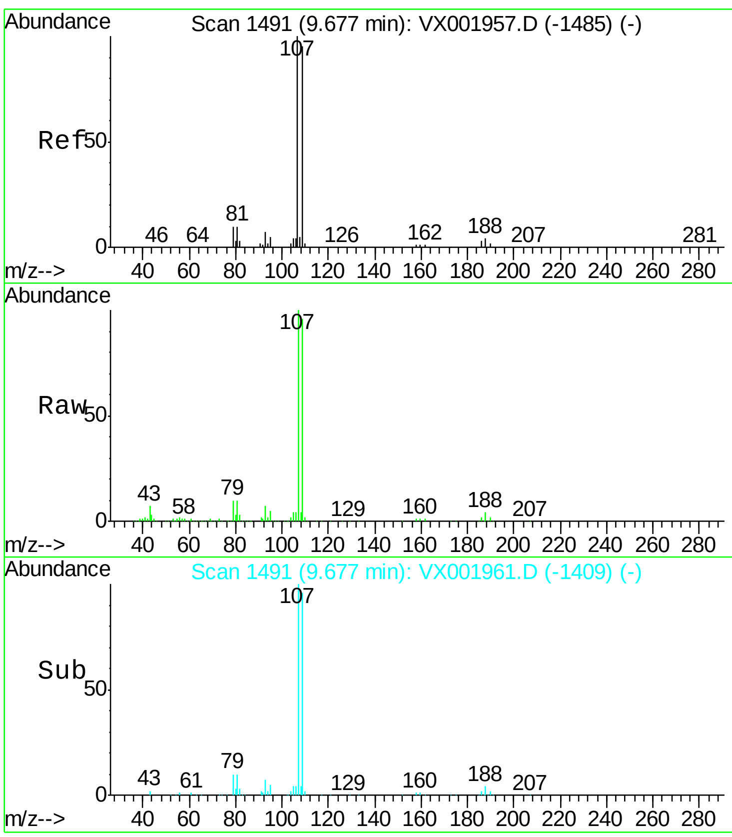
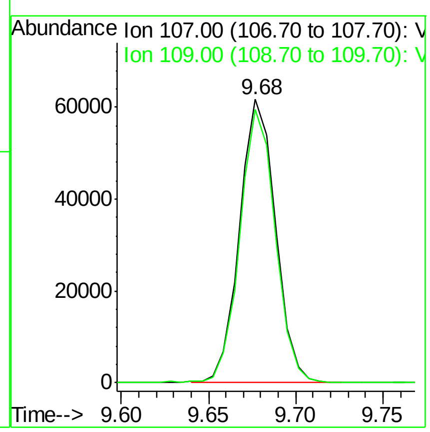


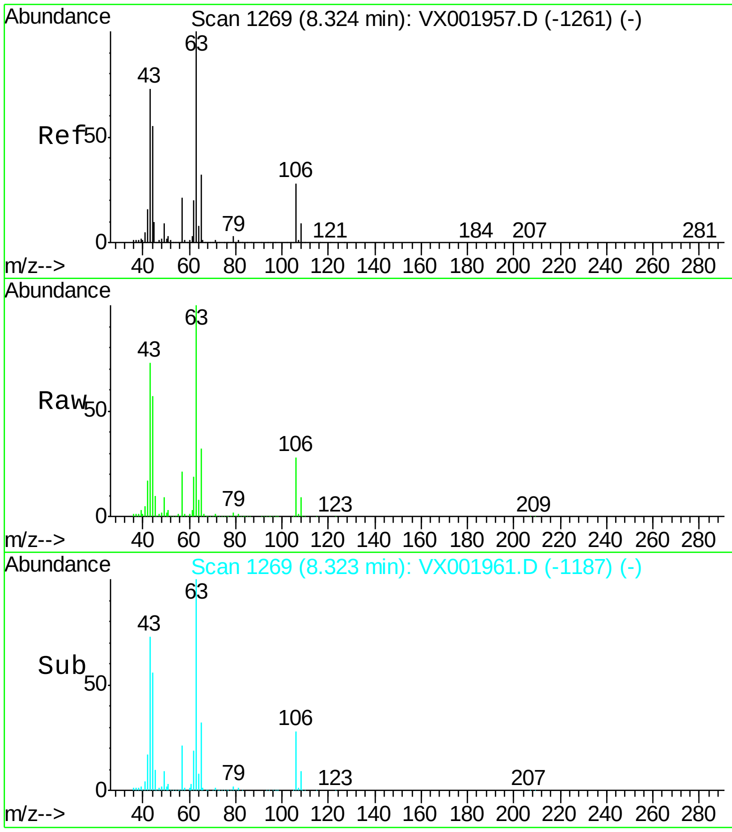


#54
1,2-Dibromoethane
Concen: 19.705 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:107 Resp: 88484

Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.5	113.3






```
#55
2-Chloroethyl vinyl ether
Concen:  101.339 ug/l
RT: 8.32 min   Scan# 1269
Delta R.T.    -0.00 min
Lab File:   VX001961.D
Acq: 25 May 2018  00:46

Tgt Ion: 63 Resp:   341749
Ion  Ratio  Lower  Upper
 63  100
 65   31.8   25.6   38.4
106   27.2   21.6   32.4
```

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

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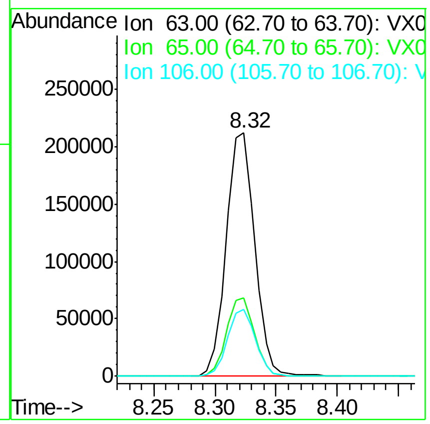
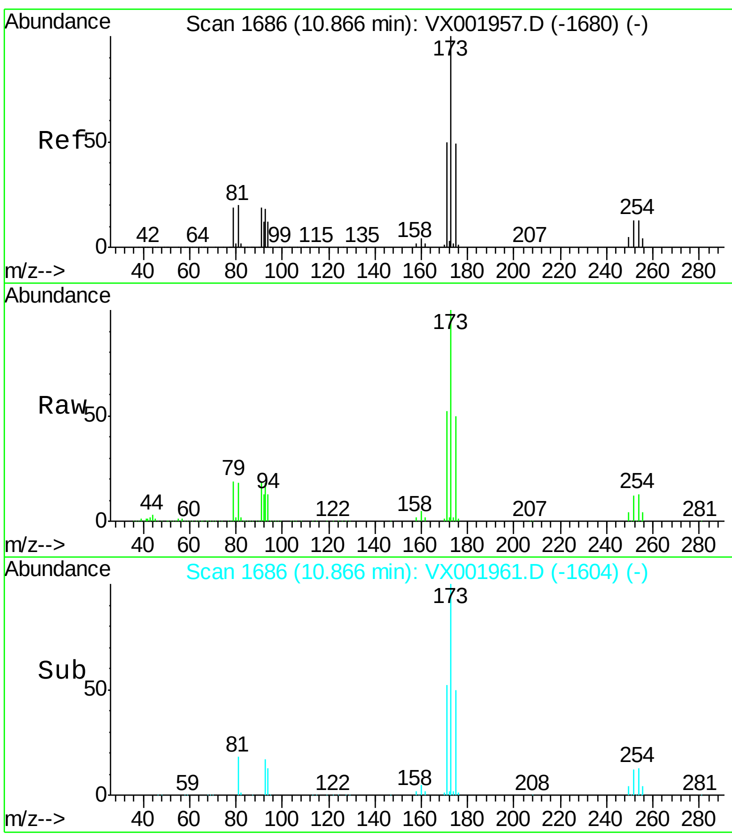
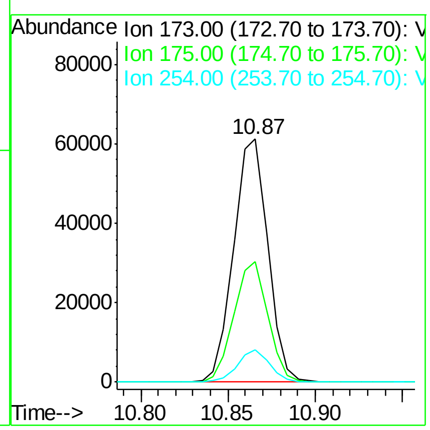
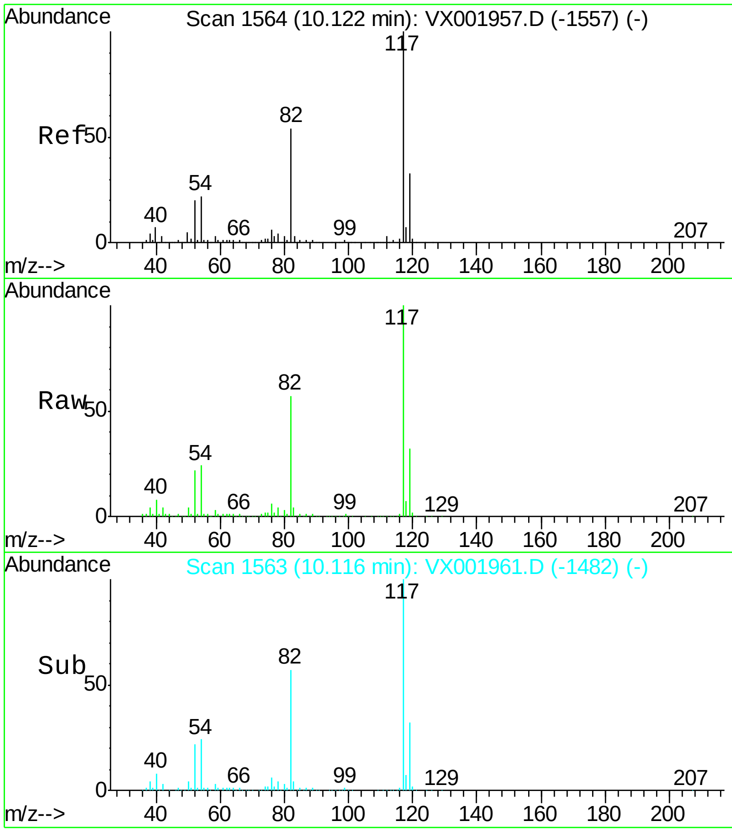





```
#56
Bromoform
Concen:   18.769 ug/l
RT: 10.87 min  Scan# 1686
Delta R.T.    -0.00 min
Lab File:   VX001961.D
Acq: 25 May 2018  00:46

Tgt Ion:173 Resp:    83627
Ion  Ratio  Lower  Upper
173  100
175   49.1   39.0   58.4
254   12.6    9.6   14.4
```





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:117 Resp: 340512

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.2	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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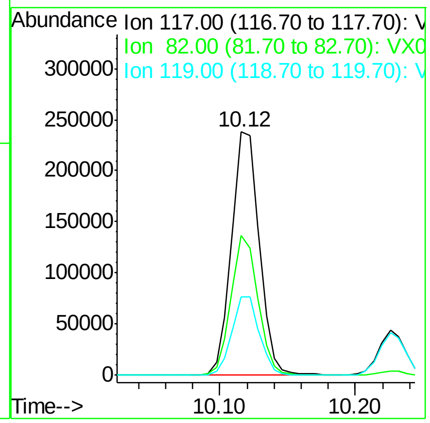
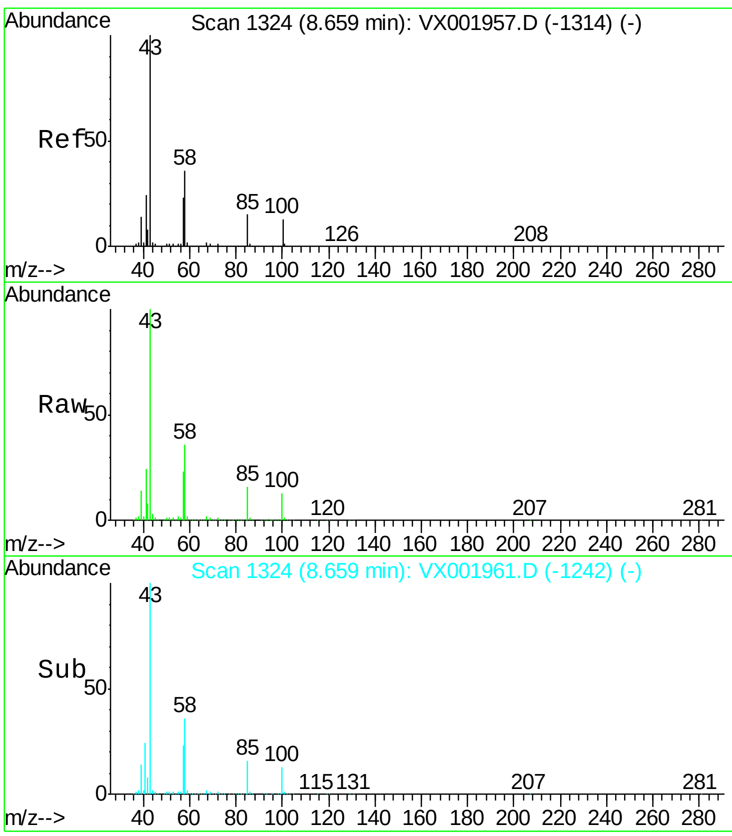
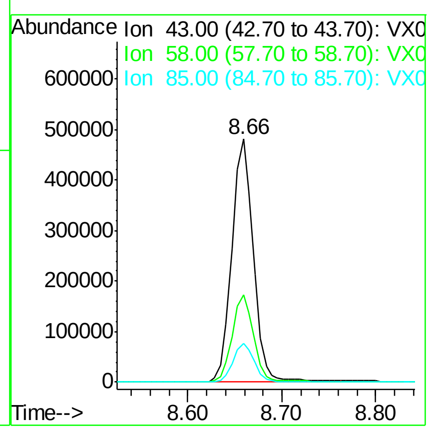


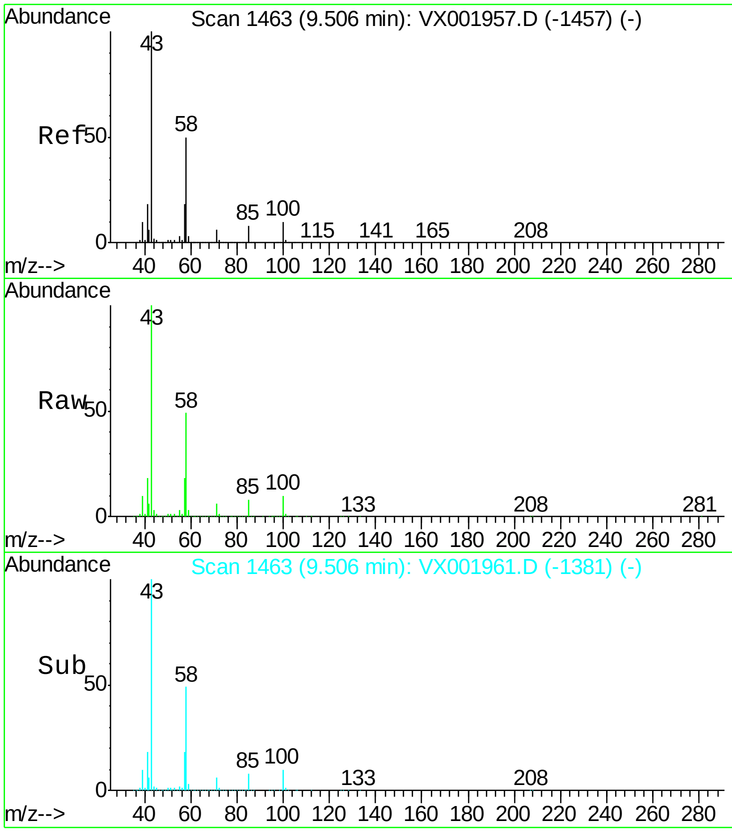


#58
4-Methyl-2-Pentanone
Concen: 102.344 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 43 Resp: 758384

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.2	42.4
85	15.6	12.4	18.6





#59
2-Hexanone
Concen: 102.081 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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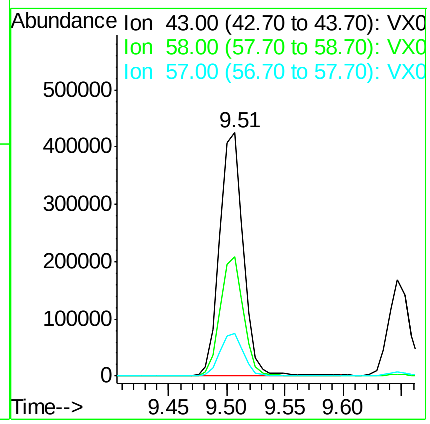
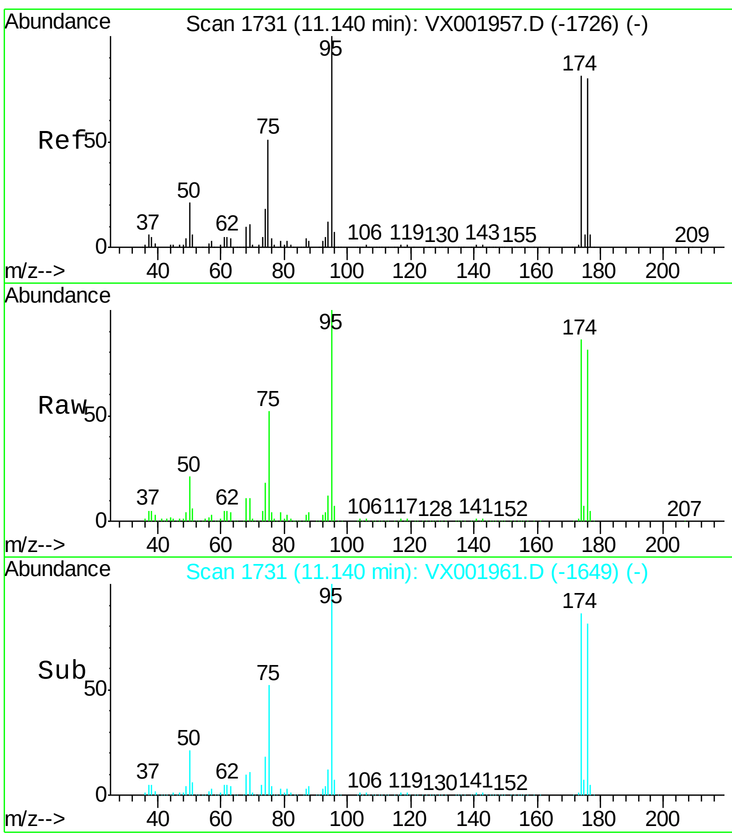
Tgt Ion: 43 Resp: 586974

Ion	Ratio	Lower	Upper
43	100		
58	48.7	39.6	59.4
57	17.7	14.1	21.1

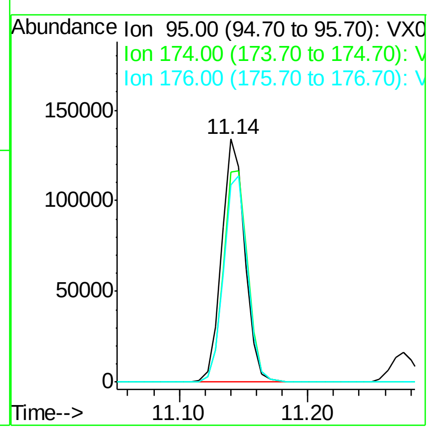


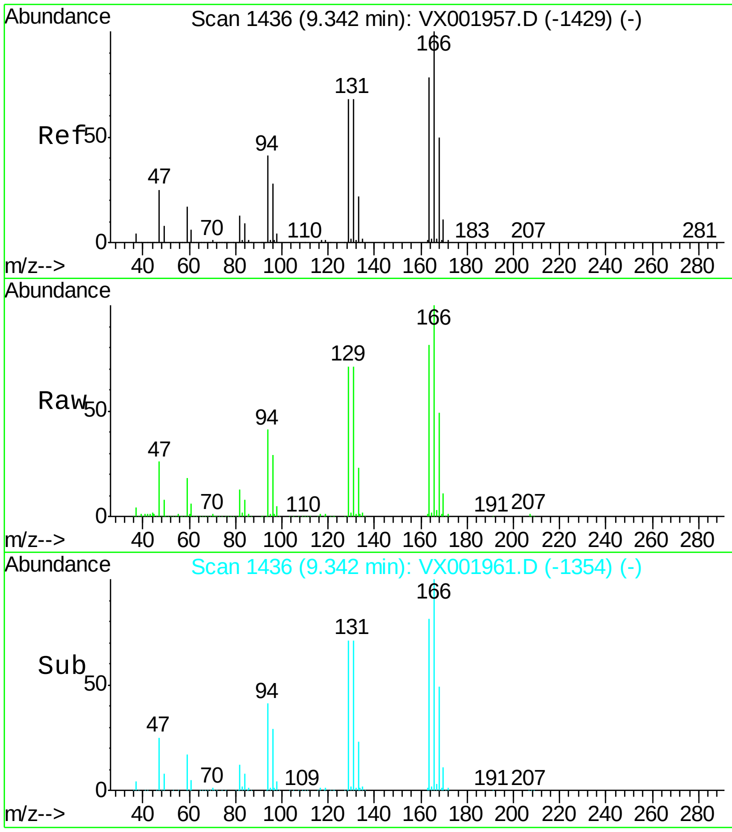


#60
4-Bromofluorobenzene
Concen: 29.264 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 95 Resp: 170581

Ion	Ratio	Lower	Upper
95	100		
174	91.2	71.8	107.6
176	87.4	70.1	105.1





#61
Tetrachloroethene
Concen: 19.032 ug/l
RT: 9.34 min   Scan# 1436
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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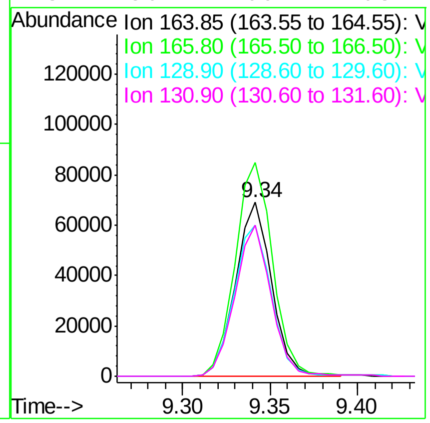
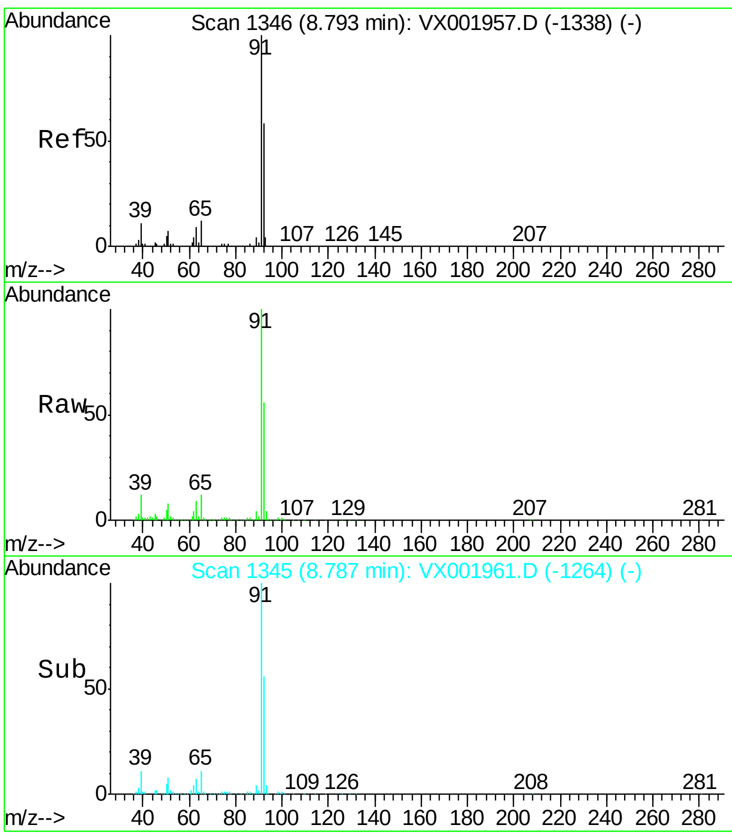
Tgt Ion:164 Resp: 98846

Ion	Ratio	Lower	Upper
164	100		
166	122.7	102.4	153.6
129	86.6	70.1	105.1
131	86.7	69.1	103.7

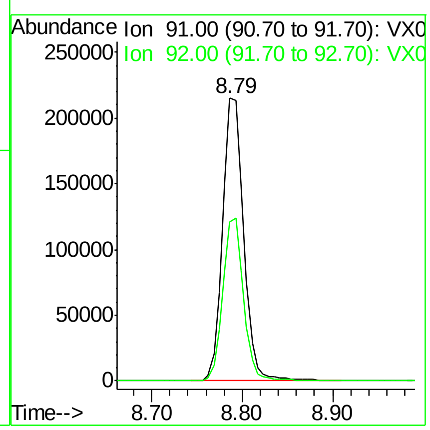


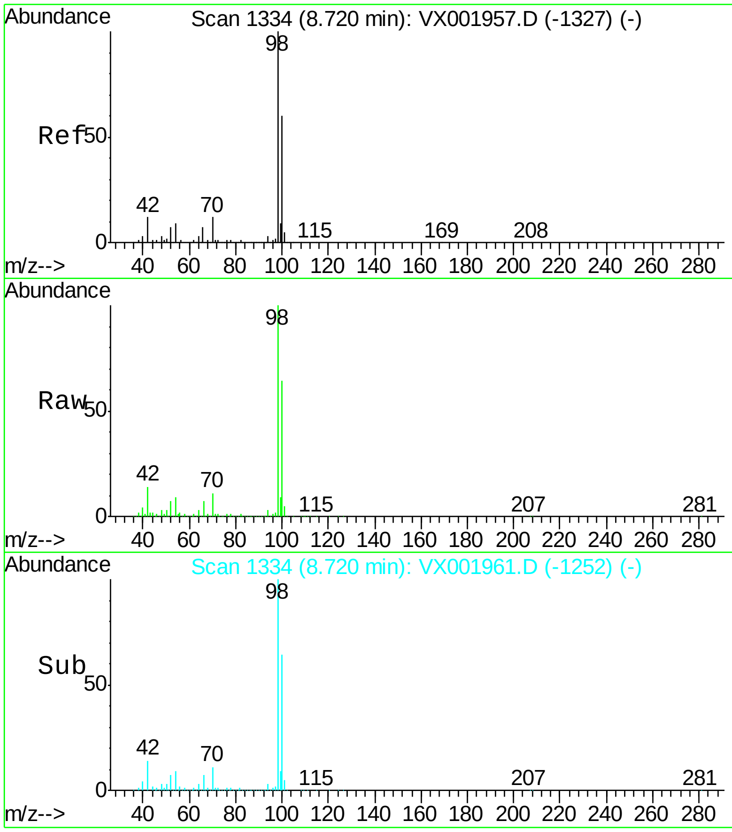


#62
Toluene
Concen: 20.126 ug/l
RT: 8.79 min   Scan# 1345
Delta R.T.   -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion: 91 Resp: 349987

Ion	Ratio	Lower	Upper
91	100		
92	56.3	46.5	69.7





#63
Toluene-d8
Concen: 29.704 ug/l
RT: 8.72 min Scan# 1334
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion: 98	Resp:		450809
Ion	Ratio	Lower	Upper
98	100		
100	62.0	50.8	76.2

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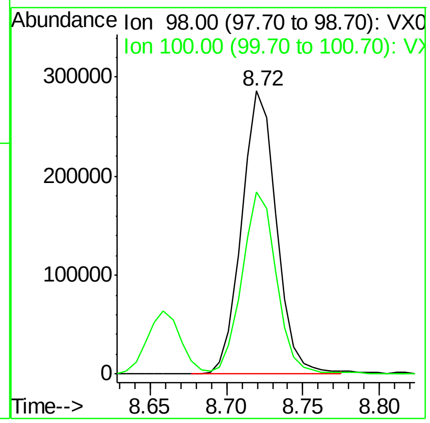
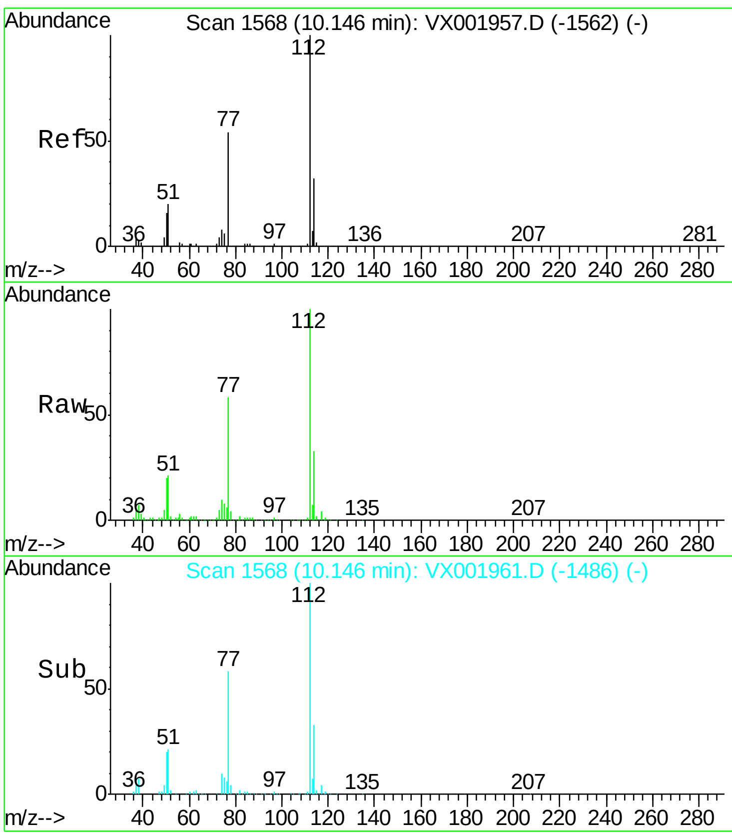
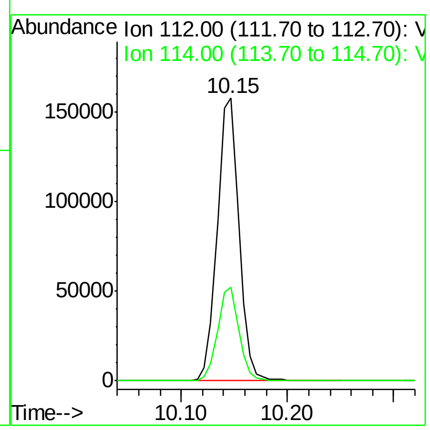
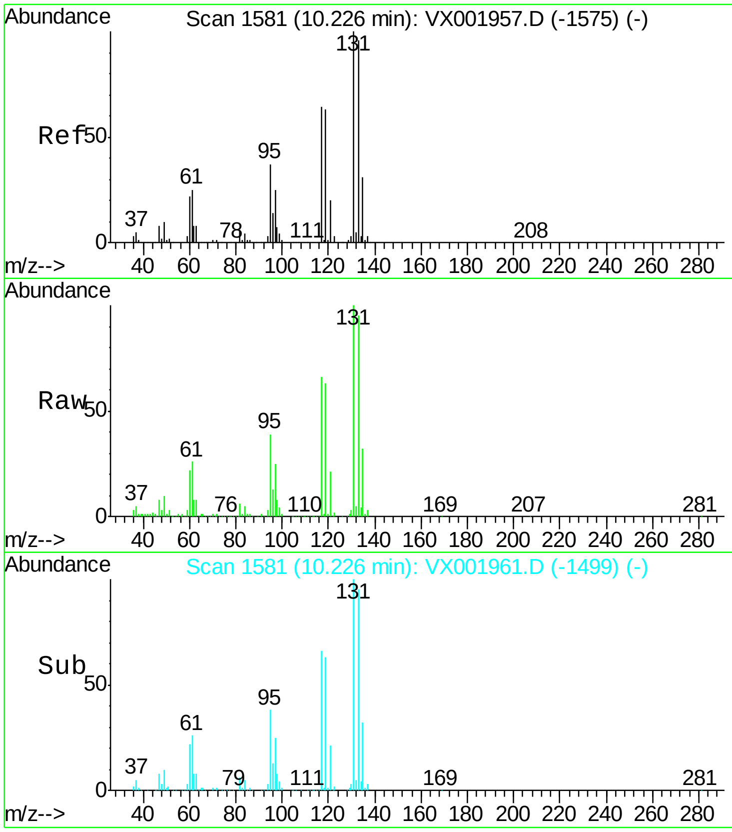




#64
Chlorobenzene
Concen: 19.809 ug/l
RT: 10.15 min Scan# 1568
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:112	Resp:		222952
Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.6	38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.976 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

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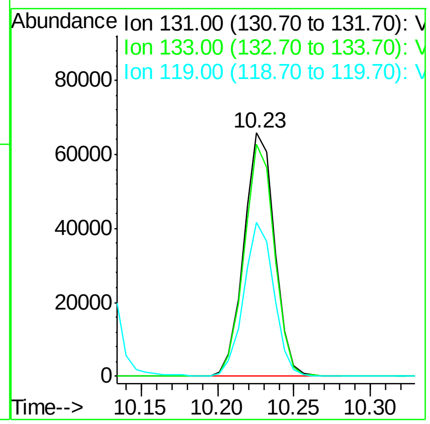
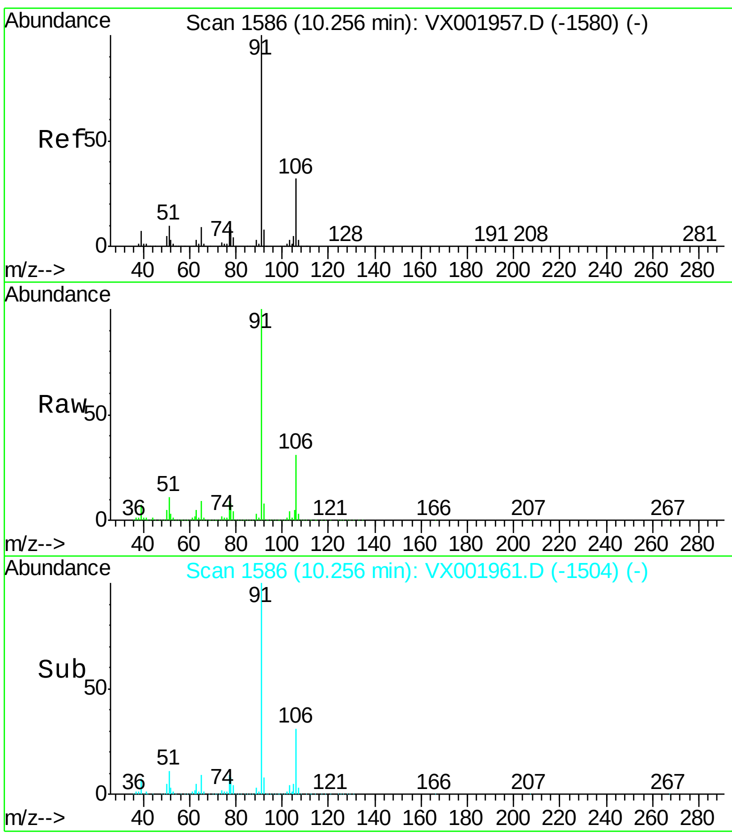
Tgt Ion:131 Resp: 91495

Ion	Ratio	Lower	Upper
131	100		
133	94.0	0.0	191.2
119	61.4	0.0	125.4

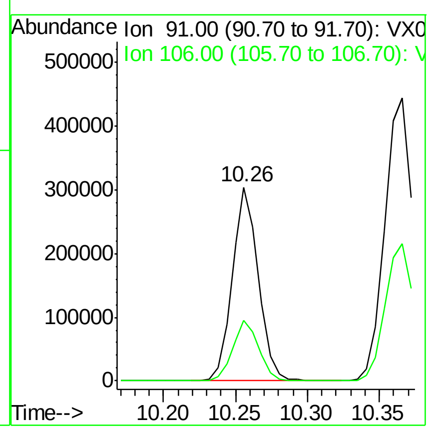


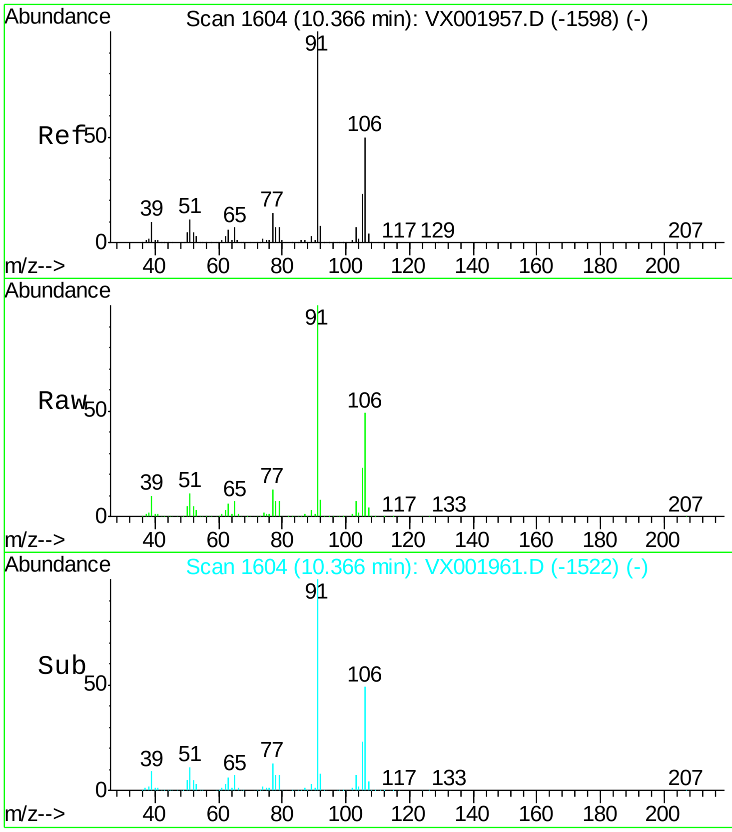


#66
Ethyl Benzene
Concen: 19.822 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 91 Resp: 387416

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.2	37.8





#67
m/p-Xylenes
Concen: 39.639 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:106 Resp: 294106

Ion	Ratio	Lower	Upper
106	100		
91	205.3	164.1	246.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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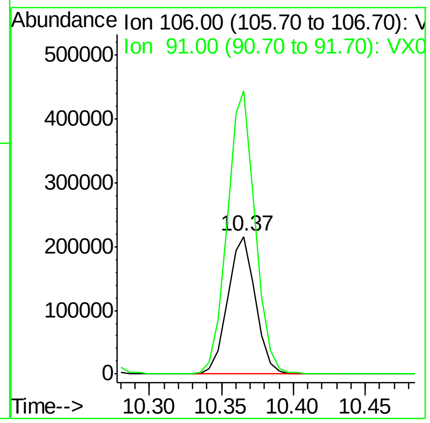
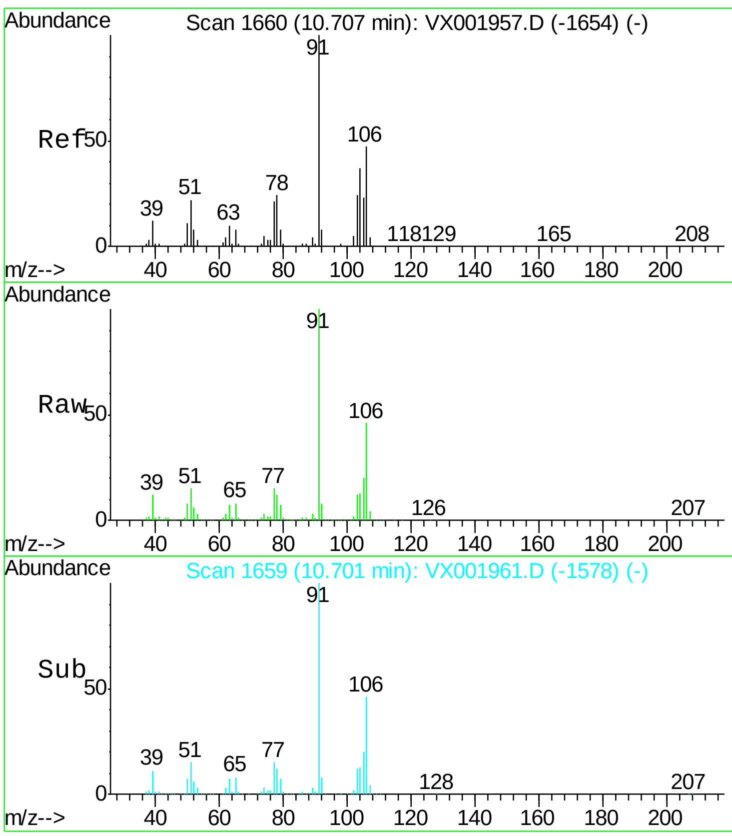
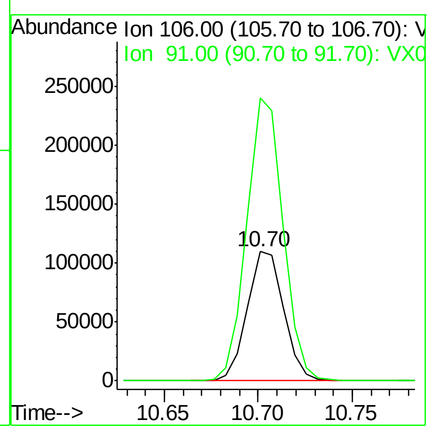


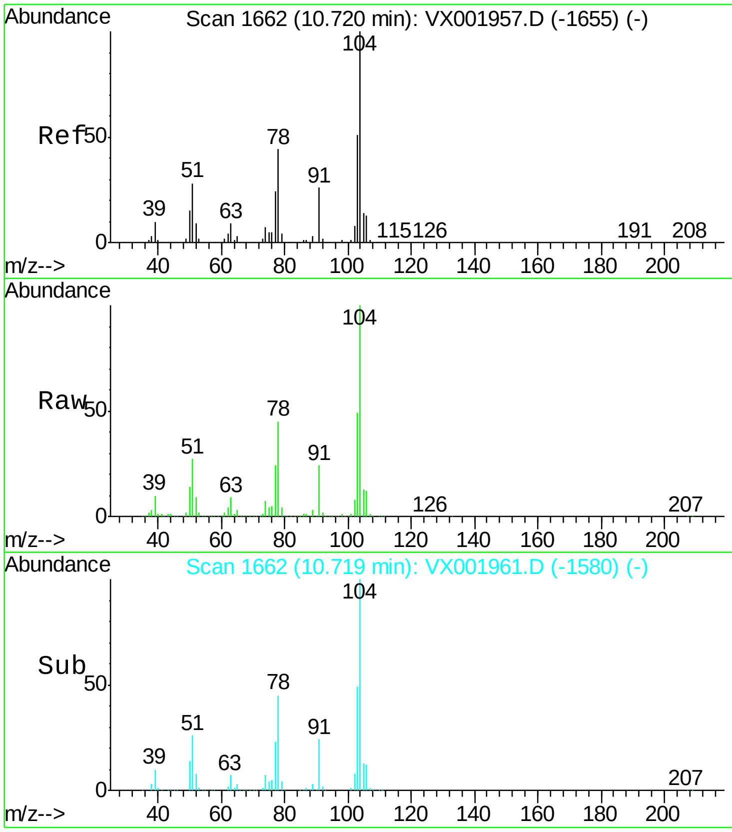


#68
o-Xylene
Concen: 19.940 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:106 Resp: 148178

Ion	Ratio	Lower	Upper
106	100		
91	217.0	109.1	327.3





#69
Styrene
Concen: 19.629 ug/l
RT: 10.72 min   Scan# 1662
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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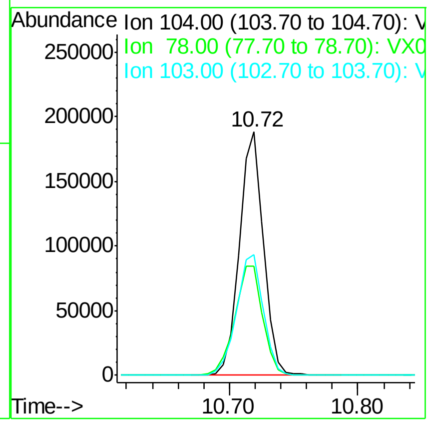
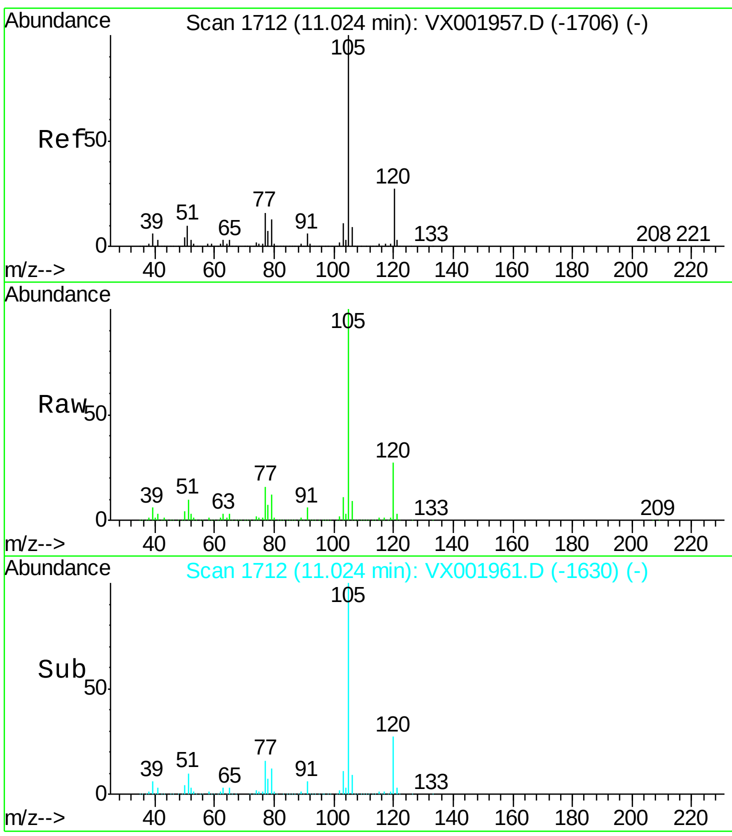
Tgt Ion:104 Resp: 244865

Ion	Ratio	Lower	Upper
104	100		
78	52.5	41.8	62.8
103	55.5	44.9	67.3

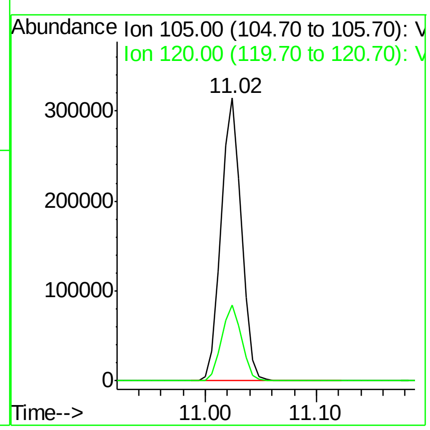


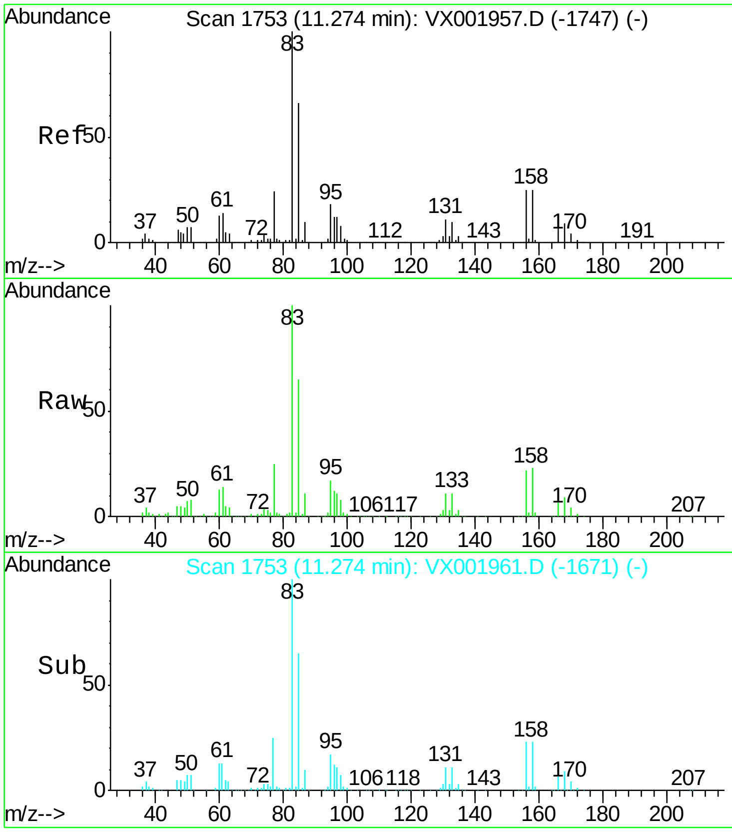


#70
Isopropylbenzene
Concen: 19.931 ug/l
RT: 11.02 min   Scan# 1712
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion:105 Resp: 396471

Ion	Ratio	Lower	Upper
105	100		
120	26.5	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.023 ug/l
RT: 11.27 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
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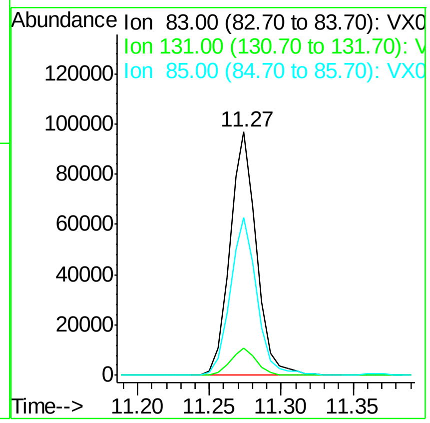
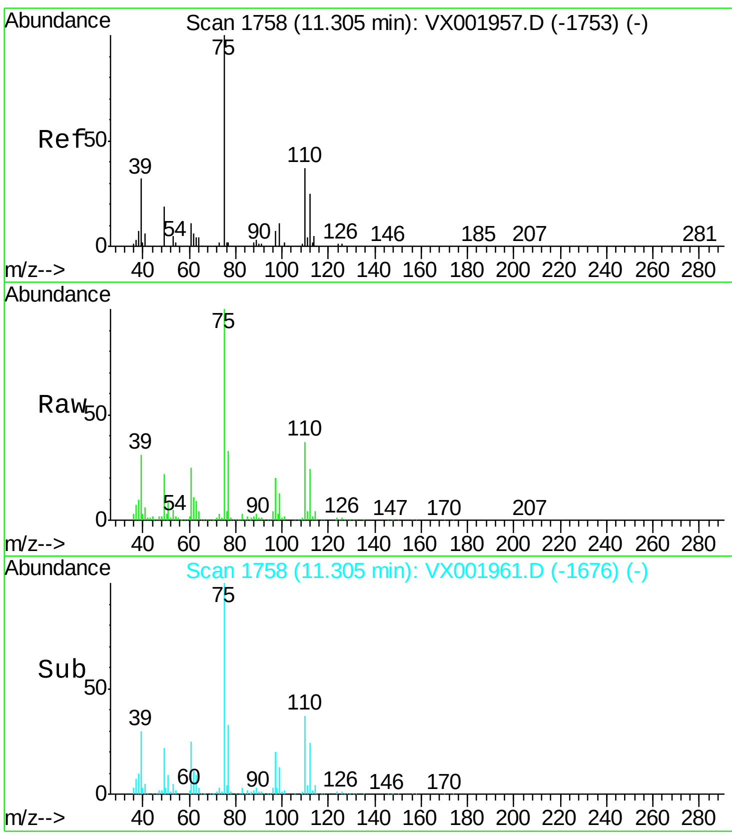
Tgt Ion: 83 Resp: 124847

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.4	16.2
85	64.8	32.4	97.2

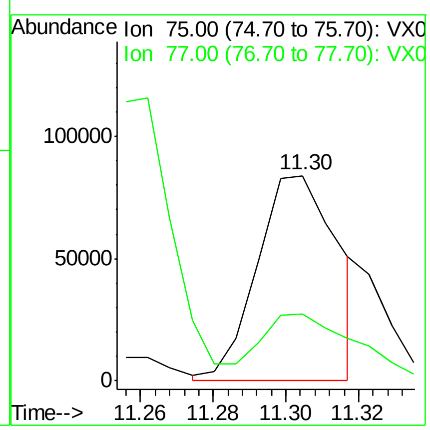


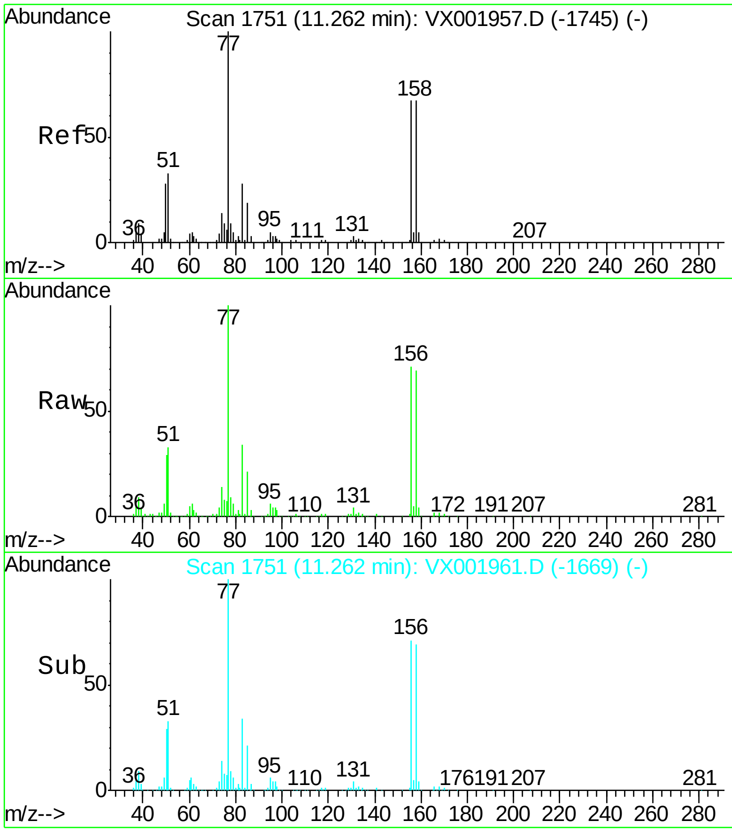


#72
1,2,3-Trichloropropane
Concen: 22.010 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 129256

Ion	Ratio	Lower	Upper
75	100		
77	35.5	0.0	71.8





#73
Bromobenzene
Concen: 19.677 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:156 Resp: 105137

Ion	Ratio	Lower	Upper
156	100		
77	148.9	0.0	301.0
158	97.7	0.0	196.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

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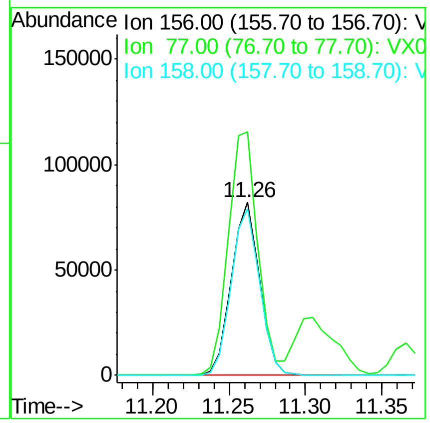
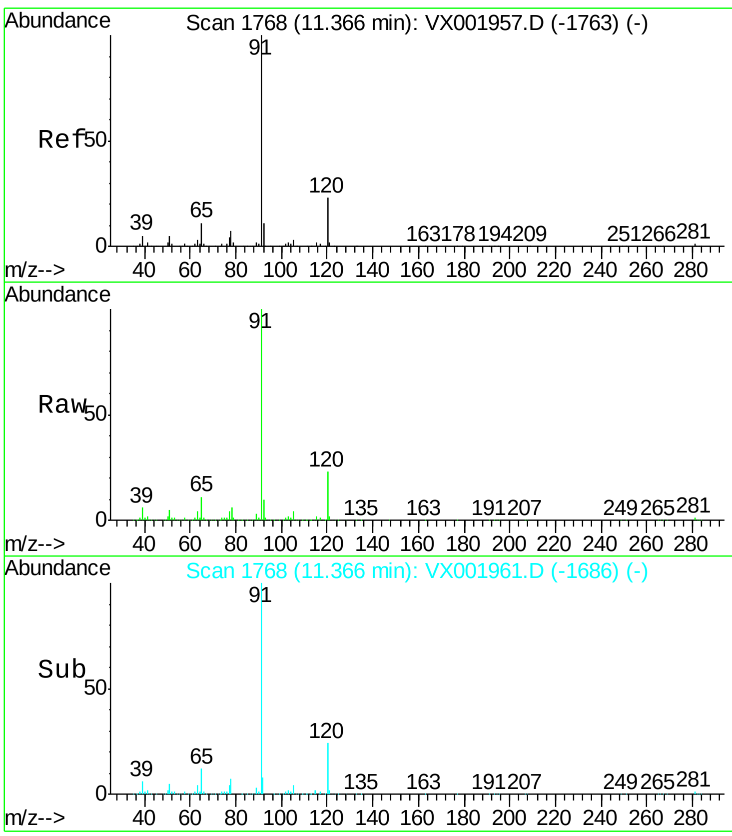
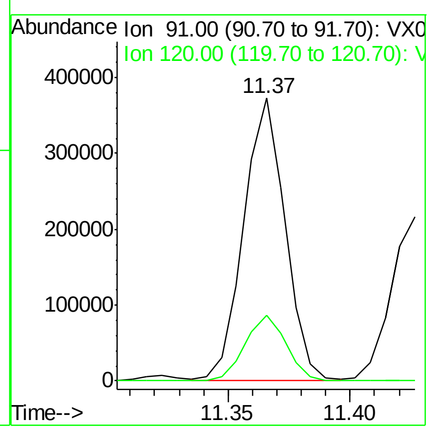


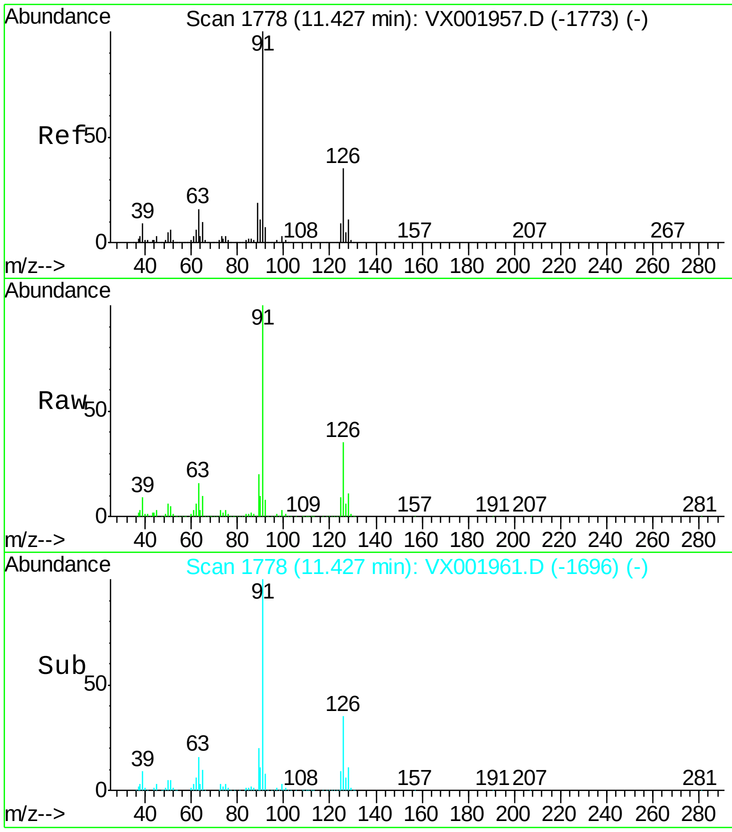


#74
n-propylbenzene
Concen: 19.848 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 91 Resp: 440751

Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	46.2





#75
2-Chlorotoluene
Concen: 19.810 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion: 91	Resp:	271299	
Ion	Ratio	Lower	Upper
91	100		
126	34.7	0.0	69.4

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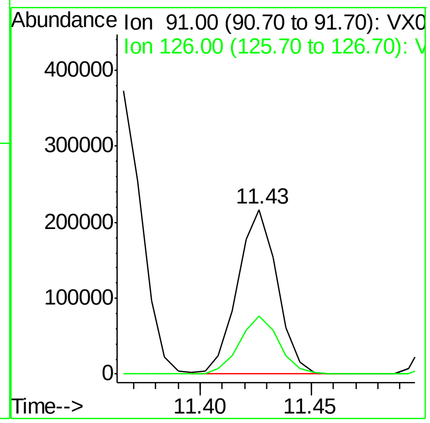
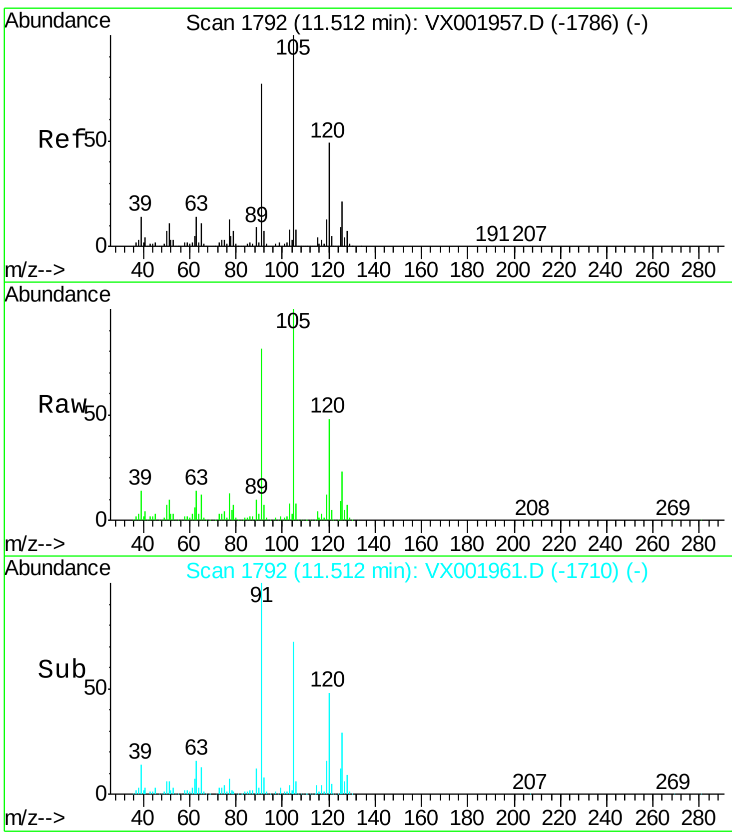
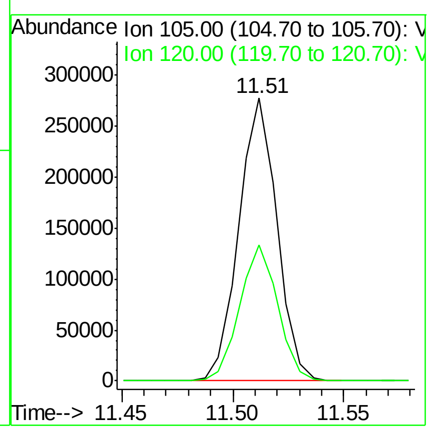
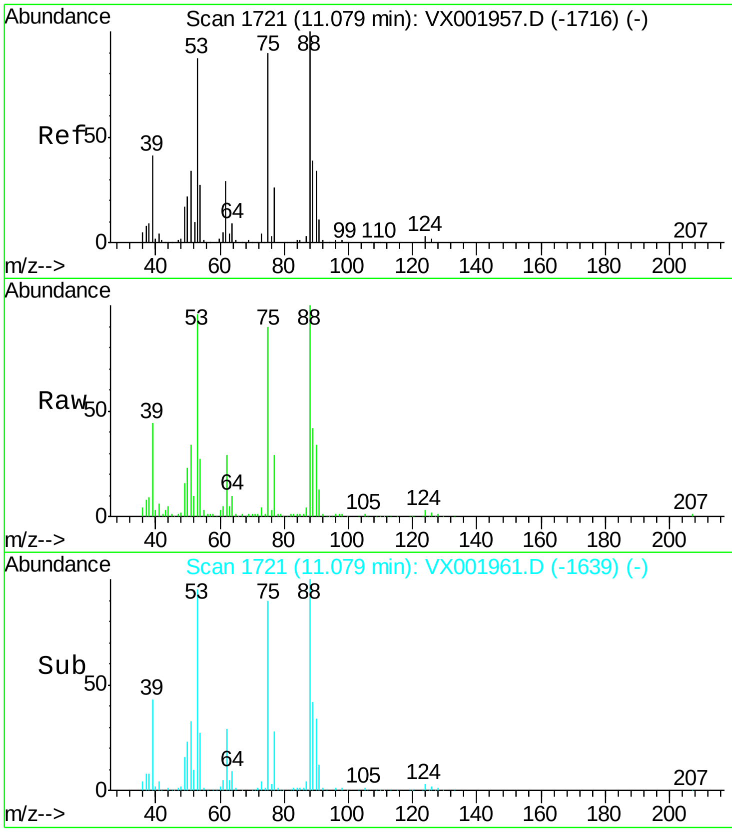




#76
1,3,5-Trimethylbenzene
Concen: 19.576 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:105	Resp:	331113	
Ion	Ratio	Lower	Upper
105	100		
120	48.3	0.0	96.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.961 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 40343

Ion	Ratio	Lower	Upper
75	100		
53	105.1	48.3	144.9
89	46.4	21.8	65.4

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
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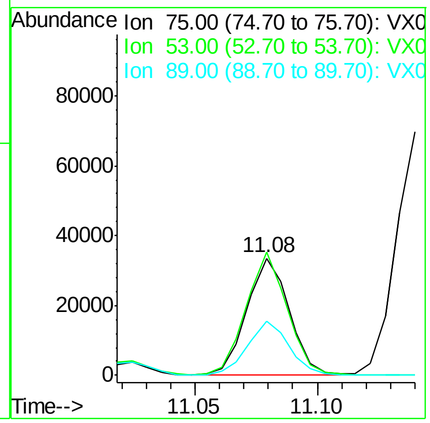
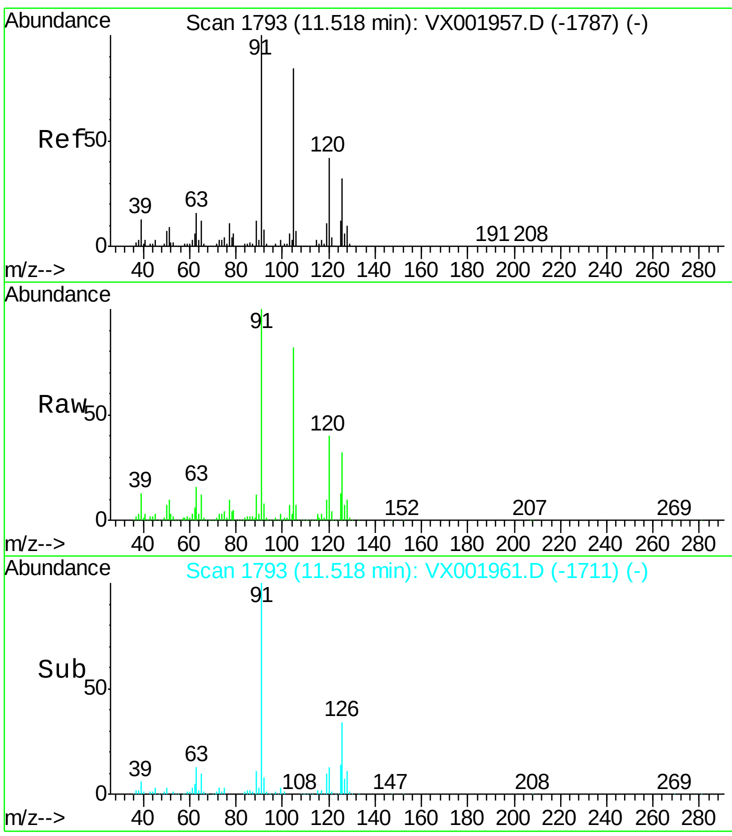
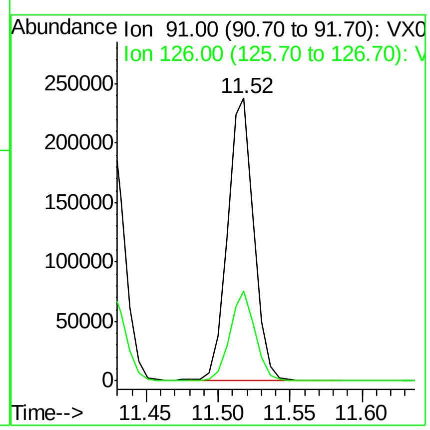


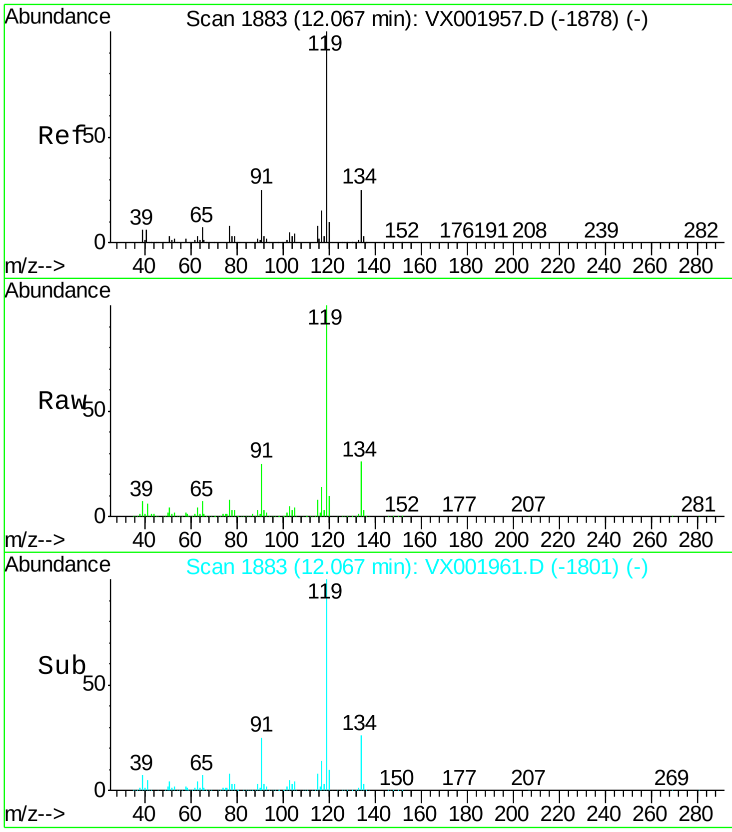


#78
4-Chlorotoluene
Concen: 19.594 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 91 Resp: 305175

Ion	Ratio	Lower	Upper
91	100		
126	30.3	0.0	61.0





#79
tert-butylbenzene
Concen: 19.408 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion:119 Resp: 344207

Ion	Ratio	Lower	Upper
119	100		
91	24.3	0.0	48.0
134	26.3	0.0	52.6

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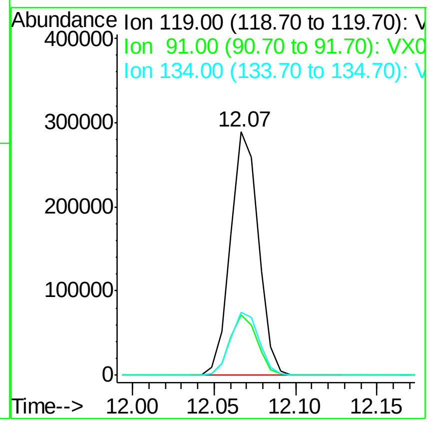
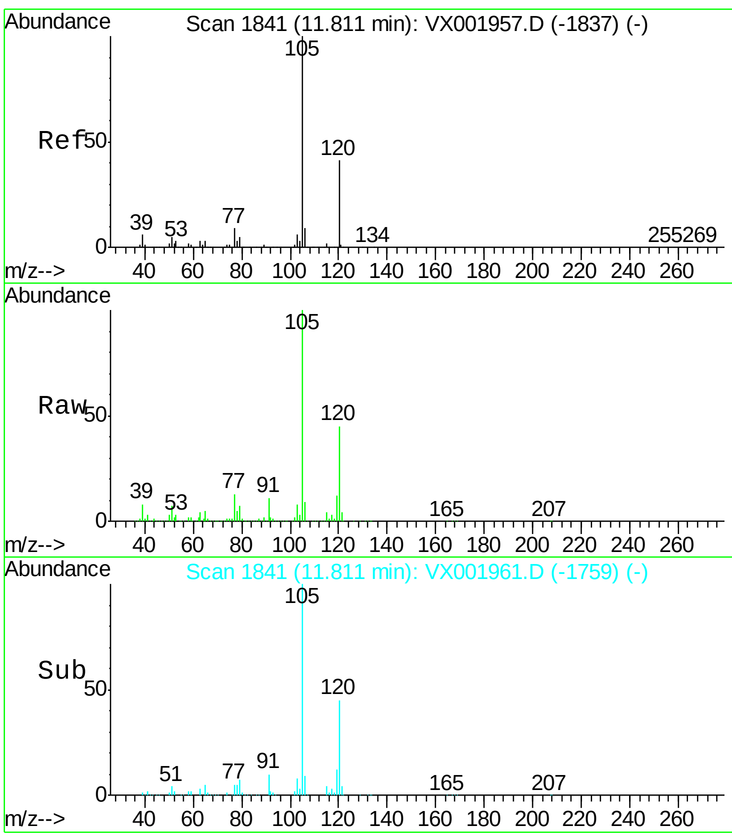
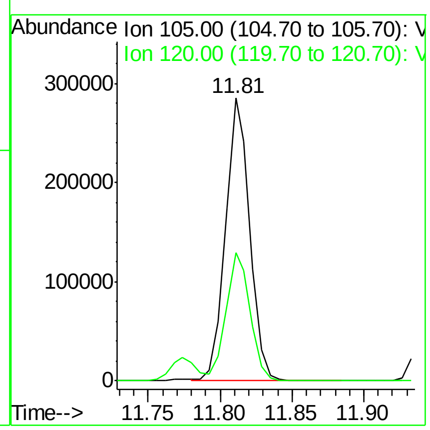


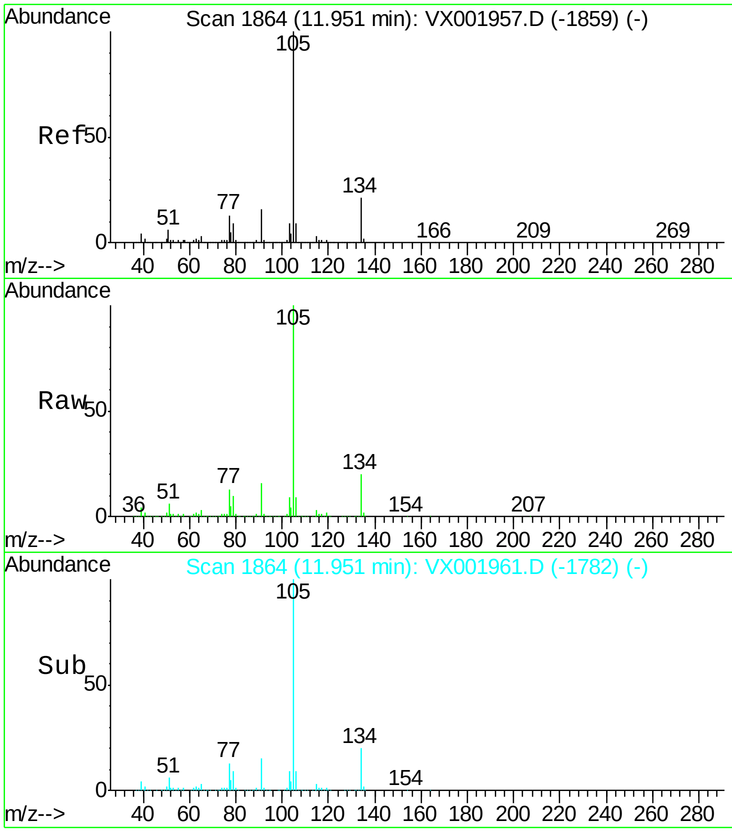


#80
1,2,4-Trimethylbenzene
Concen: 19.837 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:105 Resp: 339190

Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	89.2





#81
sec-Butylbenzene
Concen: 19.599 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Tgt Ion:105 Resp: 388548

Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	41.6

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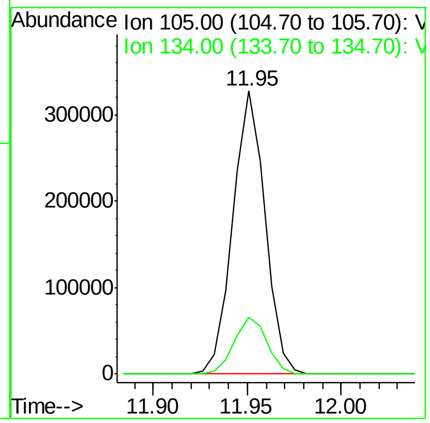
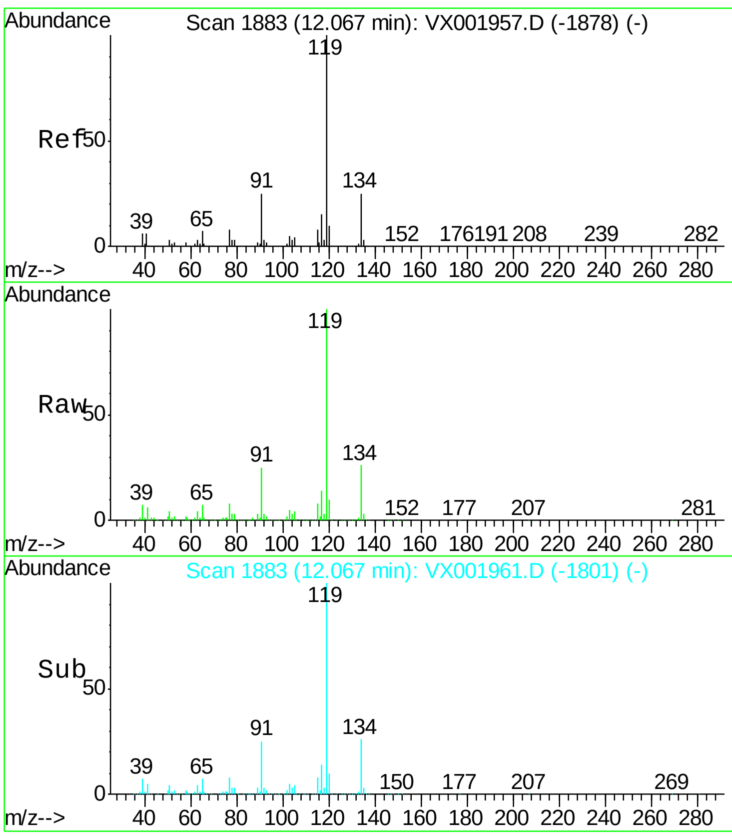
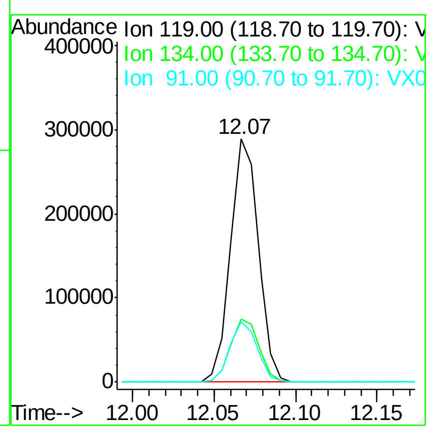


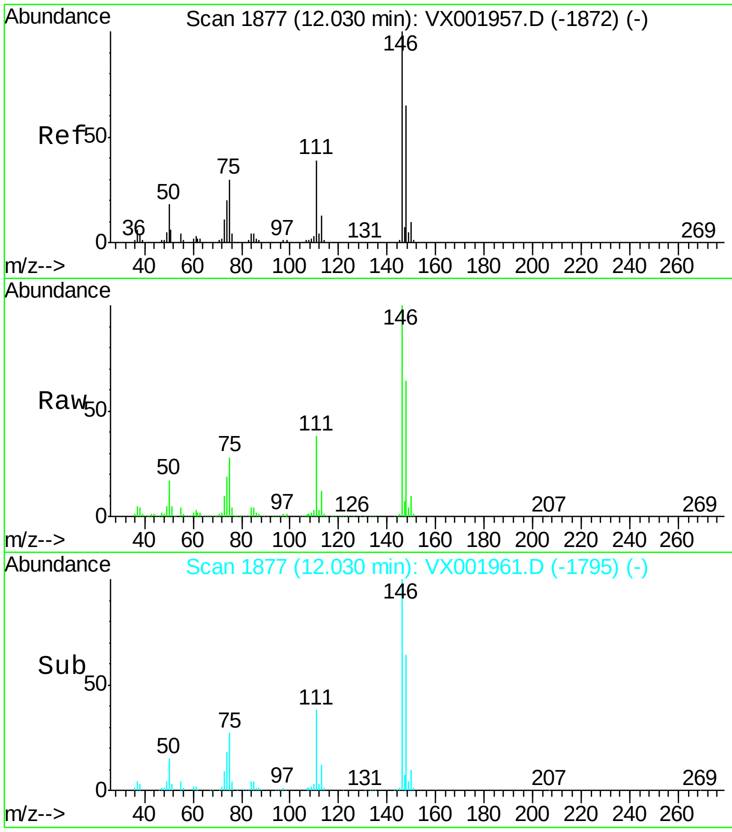


#82
p-Isopropyltoluene
Concen: 19.408 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:119 Resp: 344207

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	52.6
91	24.3	0.0	48.0





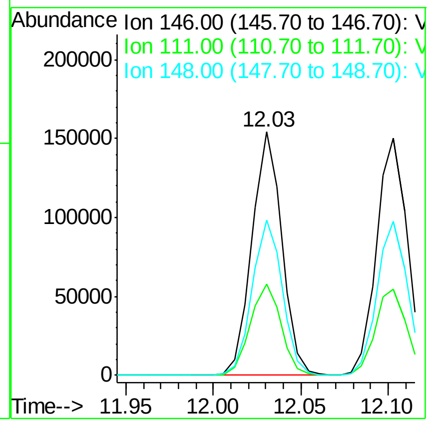
#83
1,3-Dichlorobenzene
Concen: 19.604 ug/l
RT: 12.03 min   Scan# 1877
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

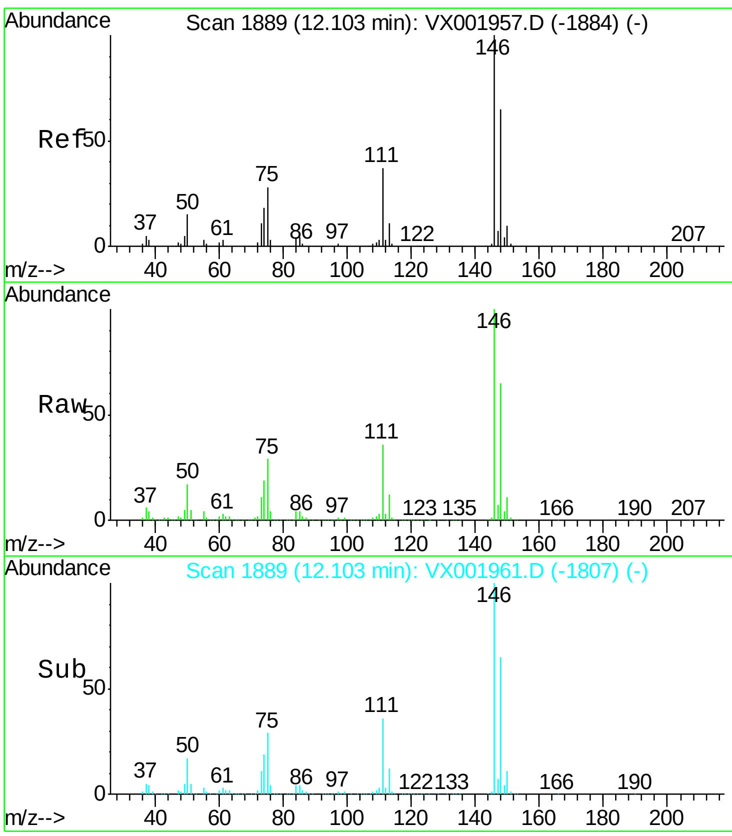
Tgt Ion:146 Resp: 185613

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.2	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052518

Manual Integrations APPROVED
MMDadoda
5/29/2018 4:39:20 PM

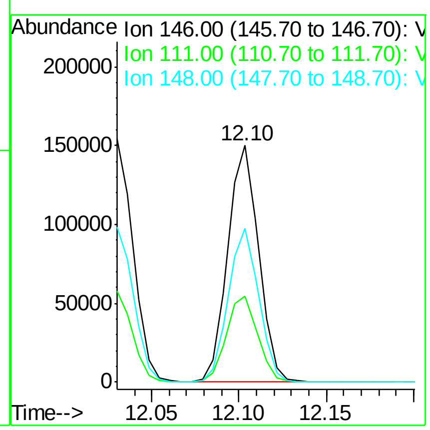


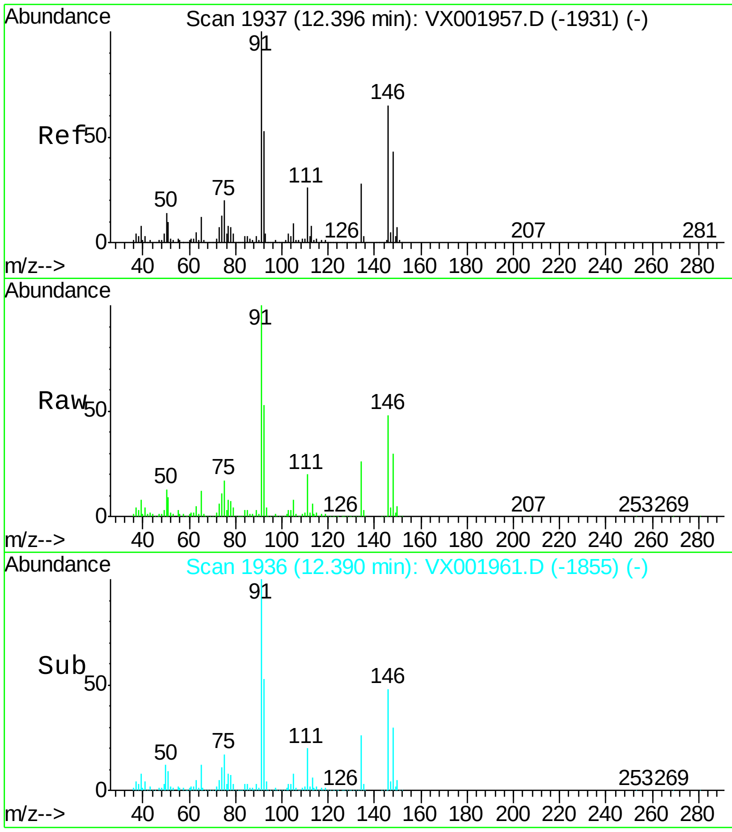


#84
1,4-Dichlorobenzene
Concen: 19.618 ug/l
RT: 12.10 min   Scan# 1889
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion:146 Resp: 184880

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	64.1	32.0	96.0





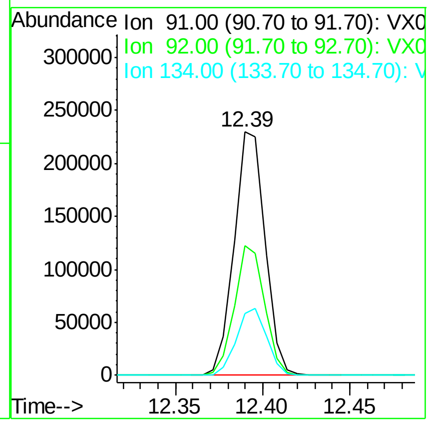
#85
n-Butylbenzene
Concen: 19.021 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

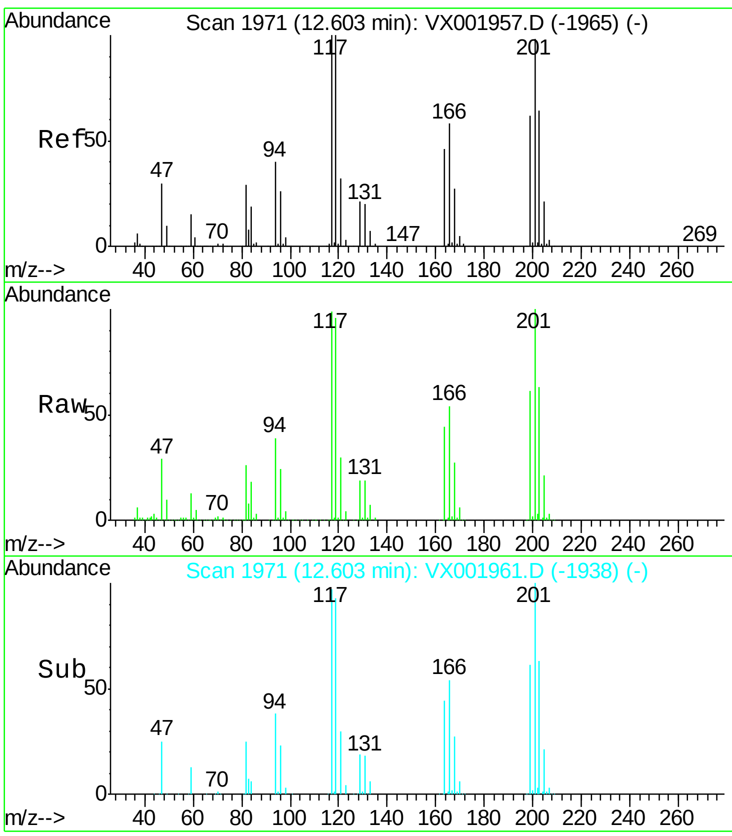
Tgt Ion: 91 Resp: 282912

Ion	Ratio	Lower	Upper
91	100		
92	52.1	0.0	105.2
134	27.2	0.0	53.2

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
MMDadoda
5/29/2018 4:39:20 PM

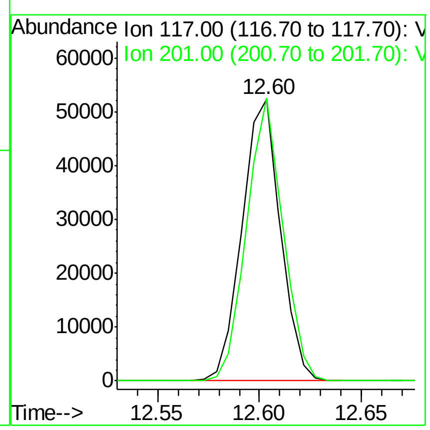


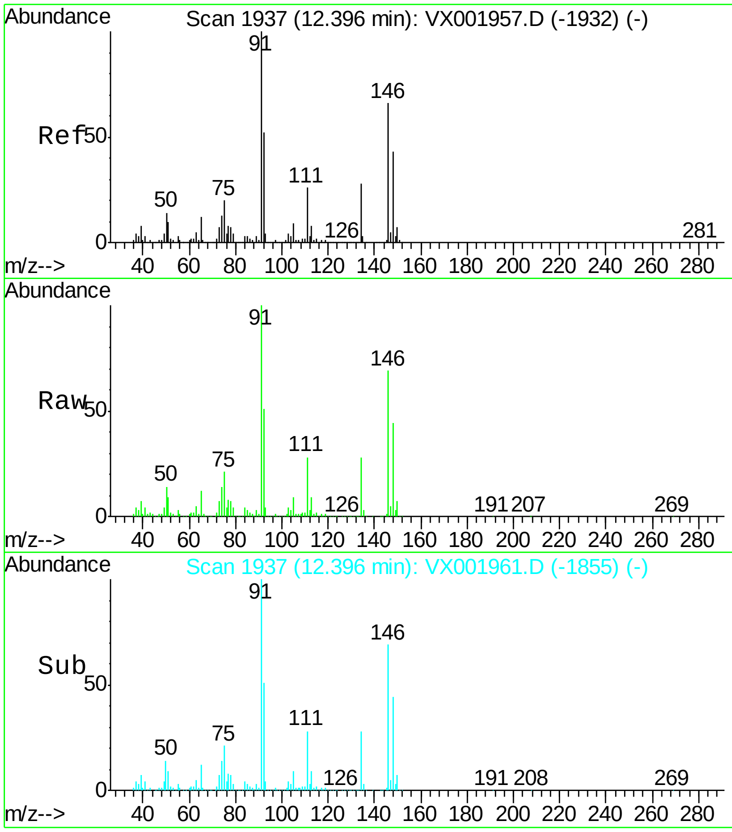


#86
Hexachloroethane
Concen: 19.328 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:117 Resp: 68211

Ion	Ratio	Lower	Upper
117	100		
201	95.2	47.6	142.8





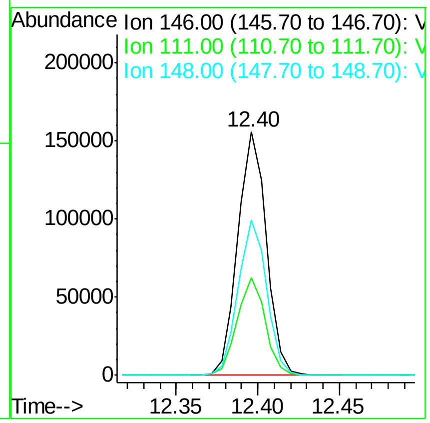
#87
1,2-Dichlorobenzene
Concen: 19.544 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

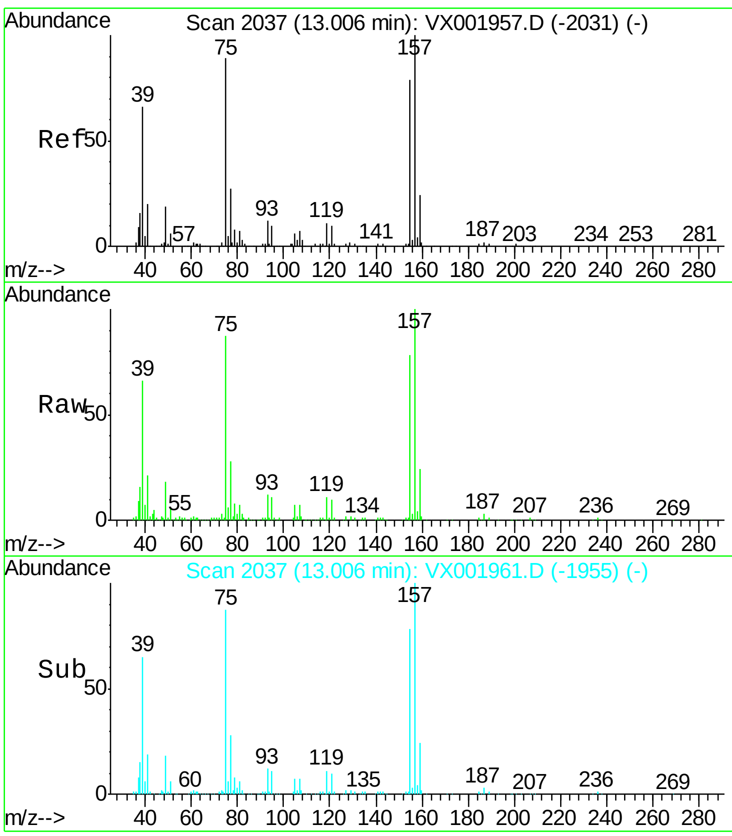
Tgt Ion:146 Resp: 190588

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	63.7	32.8	98.3

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
MMDadoda
5/29/2018 4:39:20 PM

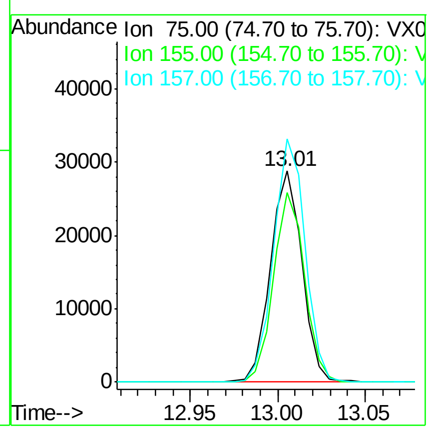


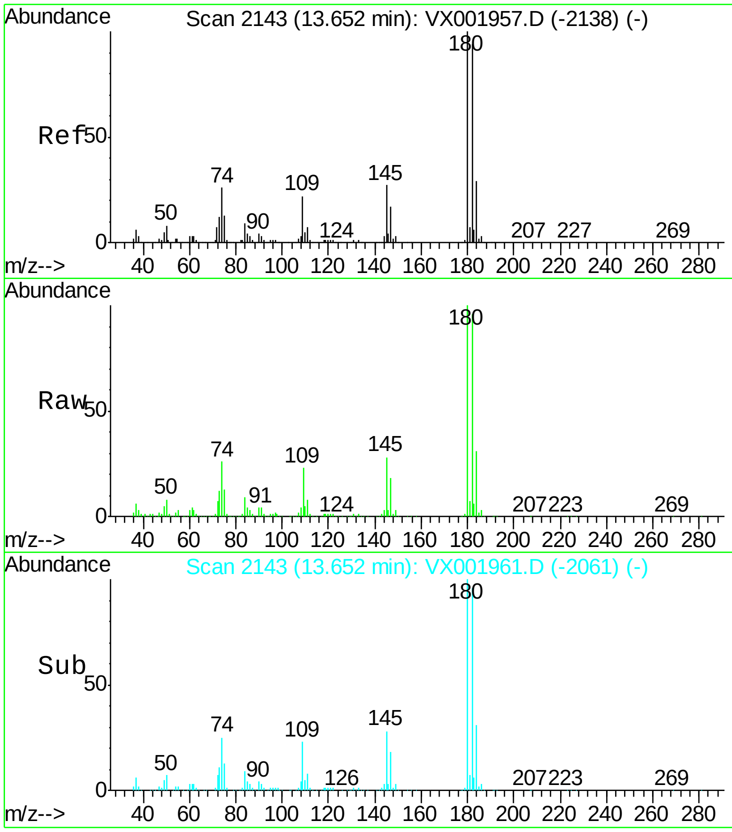


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.894 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 36126

Ion	Ratio	Lower	Upper
75	100		
155	88.3	73.1	109.7
157	115.2	93.1	139.7





#89
1,2,4-Trichlorobenzene
Concen: 19.235 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:180 Resp: 133219

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	28.6	22.9	34.3

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
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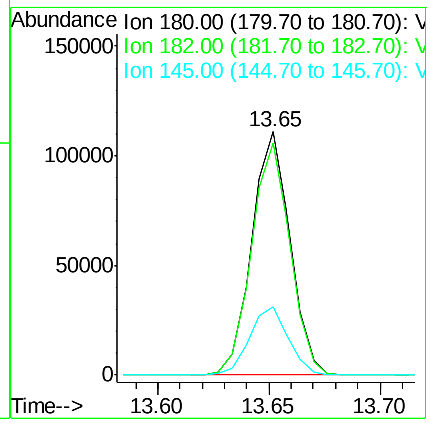
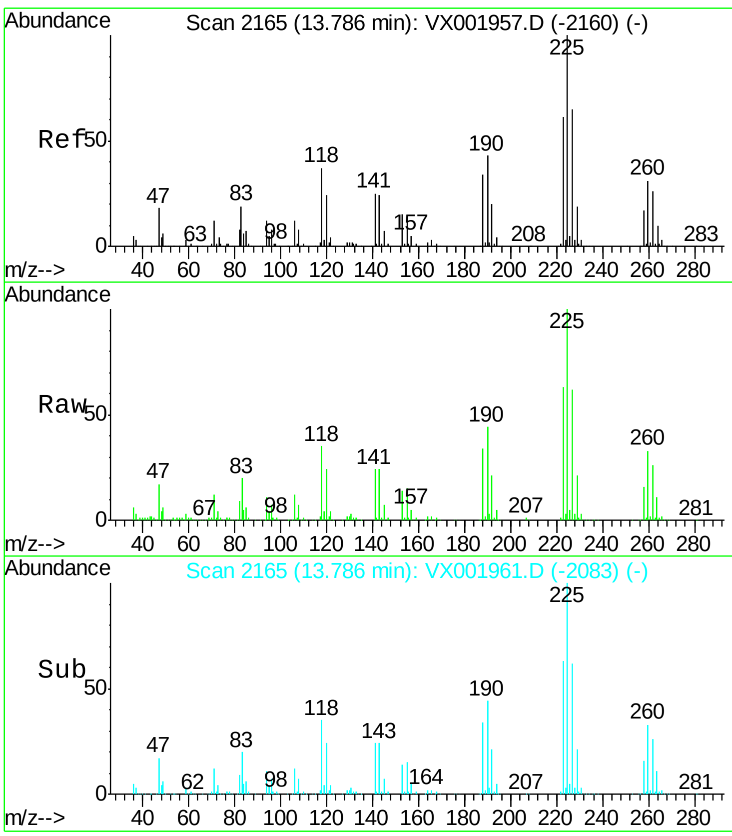
5/29/2018 4:39:20 PM

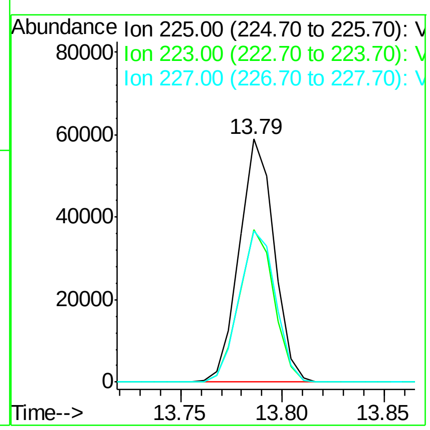


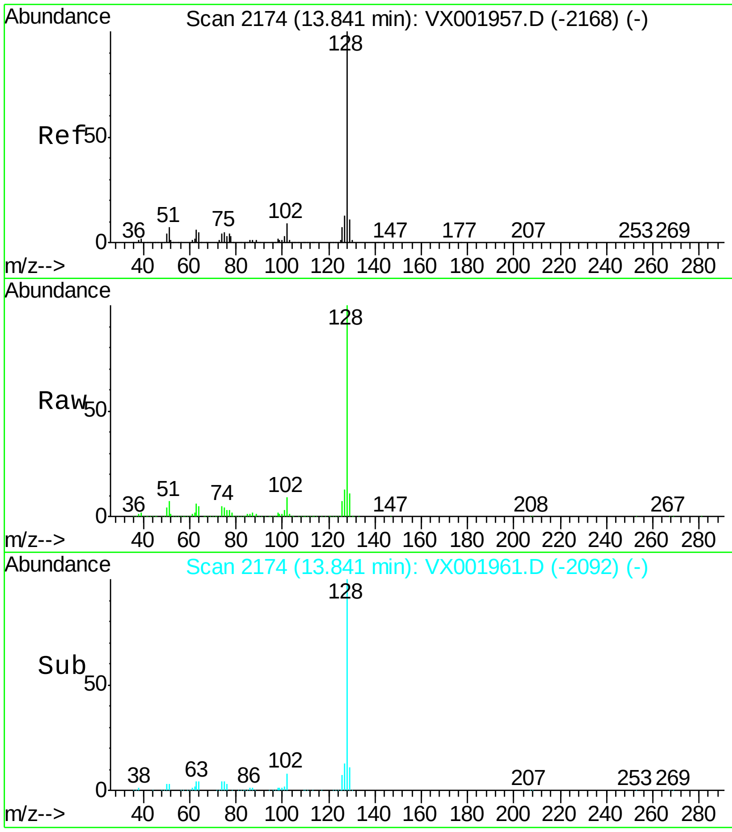


#90
Hexachlorobutadiene
Concen: 19.063 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:225 Resp: 70230

Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	122.4
227	65.1	0.0	128.0





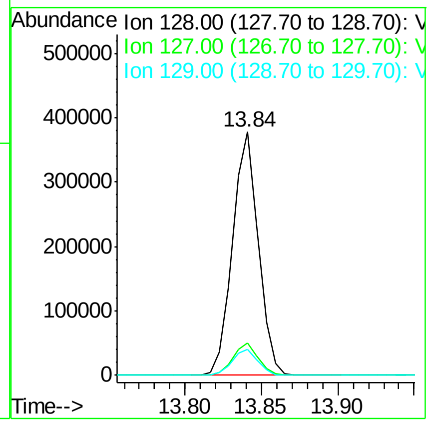
#91
Naphthalene
Concen: 20.181 ug/l
RT: 13.84 min   Scan# 2174
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

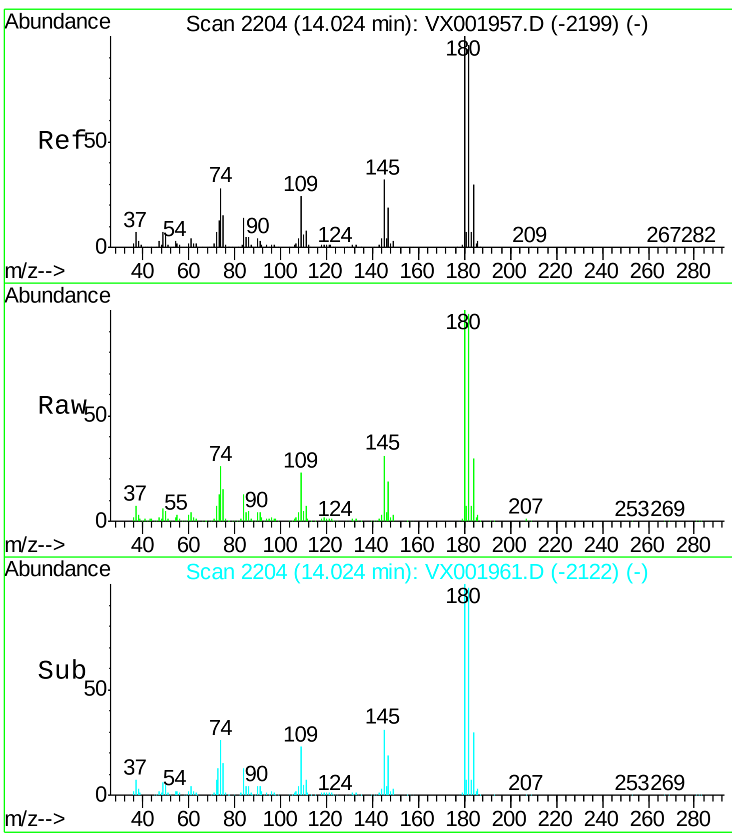
Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Manual Integrations APPROVED
MMDadoda
5/29/2018 4:39:20 PM

Tgt Ion:128 Resp: 441027

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.9	13.3





#92
1,2,3-Trichlorobenzene
Concen: 19.541 ug/l
RT: 14.02 min   Scan# 2204
Delta R.T.   -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018   00:46

Tgt Ion:180 Resp: 141346

Ion	Ratio	Lower	Upper
180	100		
182	97.2	0.0	191.0
145	30.5	0.0	60.6