Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

Quantitation Report (Not Reviewed)

Data File : VX001105.D
Acq On : 25 Apr 2018 04:16
Operator : JC/MD
Sample : J2463-20 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0444-180416

Quant Time: Apr 25 07:28:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	236978	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	329593	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	293257	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162179	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	157558	52.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.90%				
35) Dibromofluoromethane	5.51	113	117568	46.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.56%				
50) Toluene-d8	8.72	98	460924	49.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.20%				
62) 4-Bromofluorobenzene	11.14	95	155761	39.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.88%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	1434	0.51	ug/l		94
5) Bromomethane	1.66	94	314	Below Cal			92
10) Methyl Iodide	2.52	142	97	7.63	ug/l	#	41
11) Tert butyl alcohol	3.04	59	414	0.91	ug/l		97
13) Acrolein	2.29	56	103	11.63	ug/l	#	81
16) Acetone	2.45	43	968	0.86	ug/l		96
20) Methylene Chloride	2.86	84	663	Below Cal		#	64
29) Tetrahydrofuran	5.17	42	433	0.39	ug/l	#	47
31) Cyclohexane	5.68	56	4205	0.99	ug/l	#	24
36) 1,1-Dichloropropene	5.67	75	14895	3.85	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	20985	5.35	ug/l	#	16
44) Trichloroethene	7.23	130	1301	0.40	ug/l		87
65) Chlorobenzene	10.15	112	4002	0.51	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	80294	28.54	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	80294	85.13	ug/l	#	8
91) 1,2-Dichlorobenzene	12.40	146	2428	0.44	ug/l		96

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

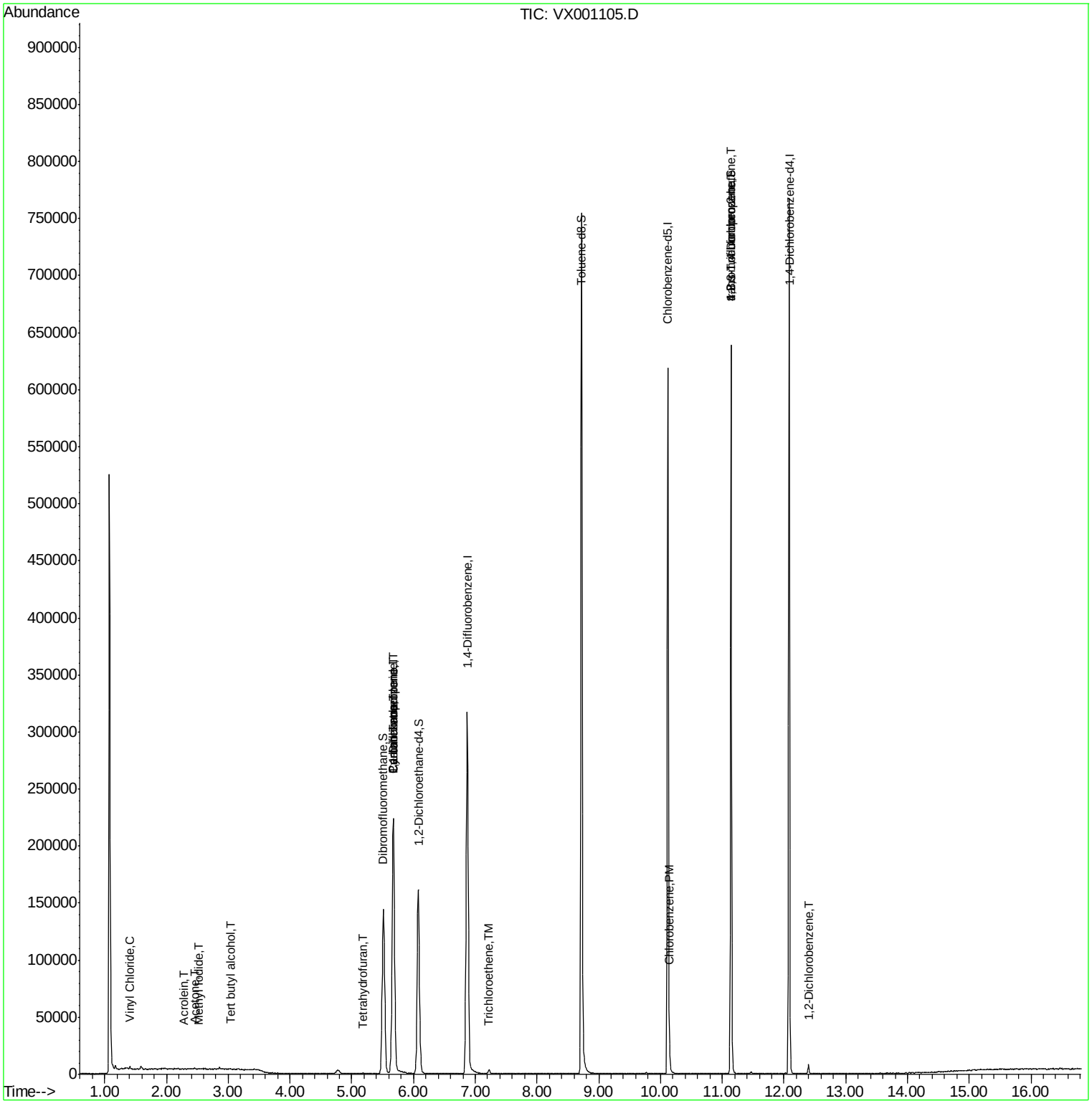
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

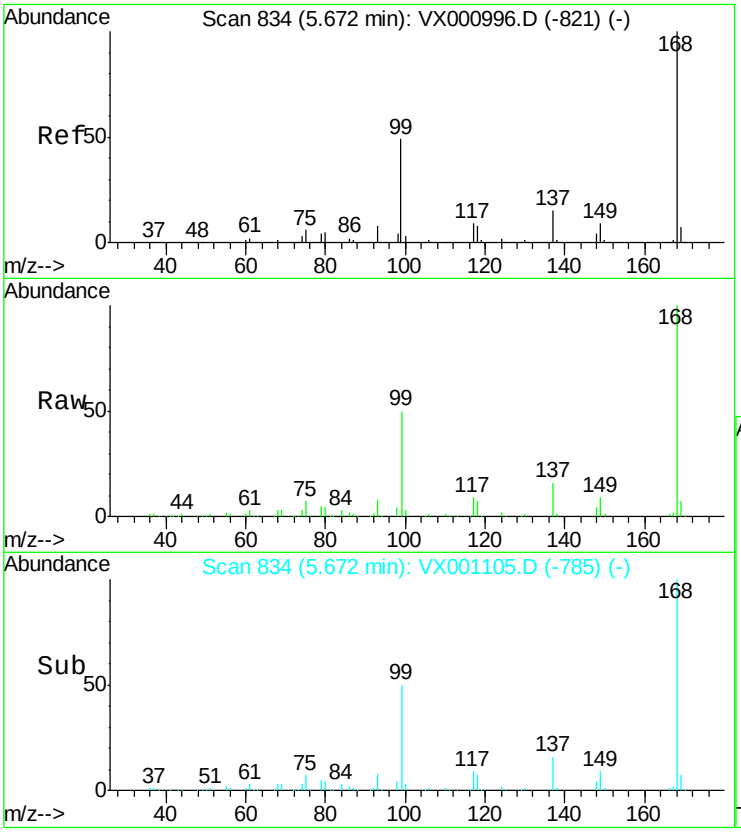
Quantitation Report (Not Reviewed)

Data File : VX001105.D
Acq On : 25 Apr 2018 04:16
Operator : JC/MD
Sample : J2463-20 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Quant Time: Apr 25 07:28:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration



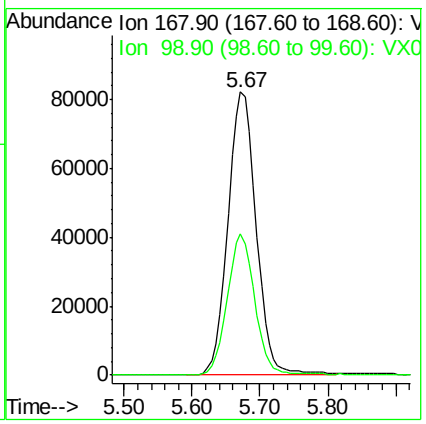


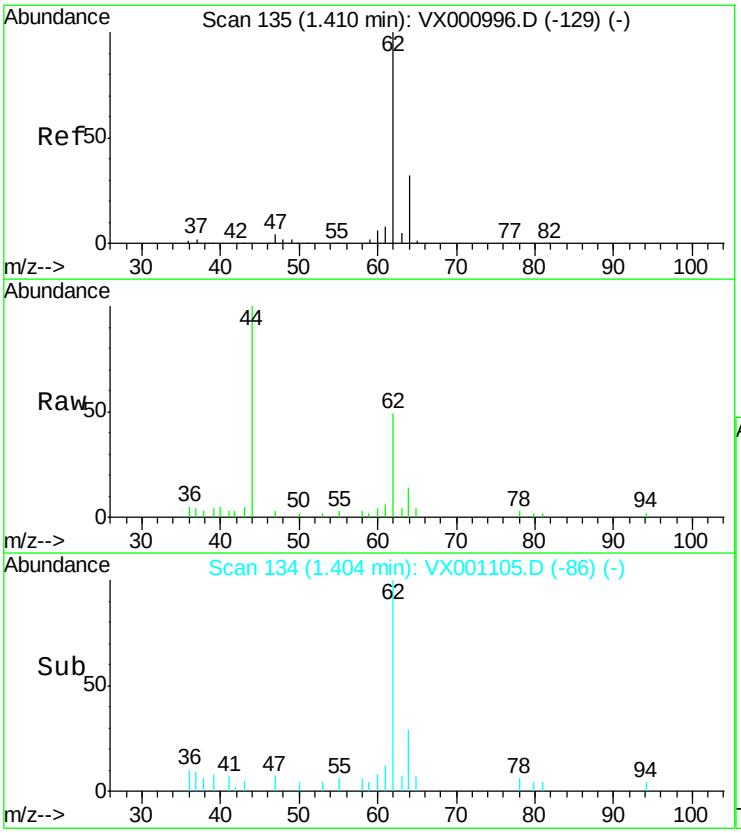
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion:168 Resp: 236978

Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.2	58.8

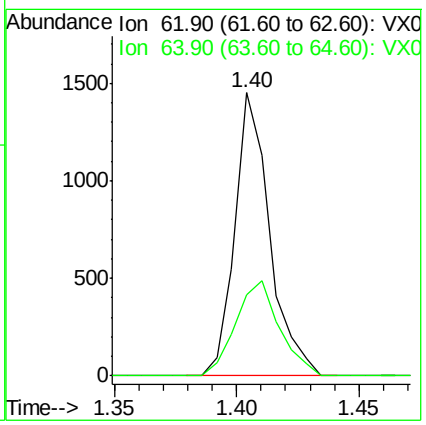


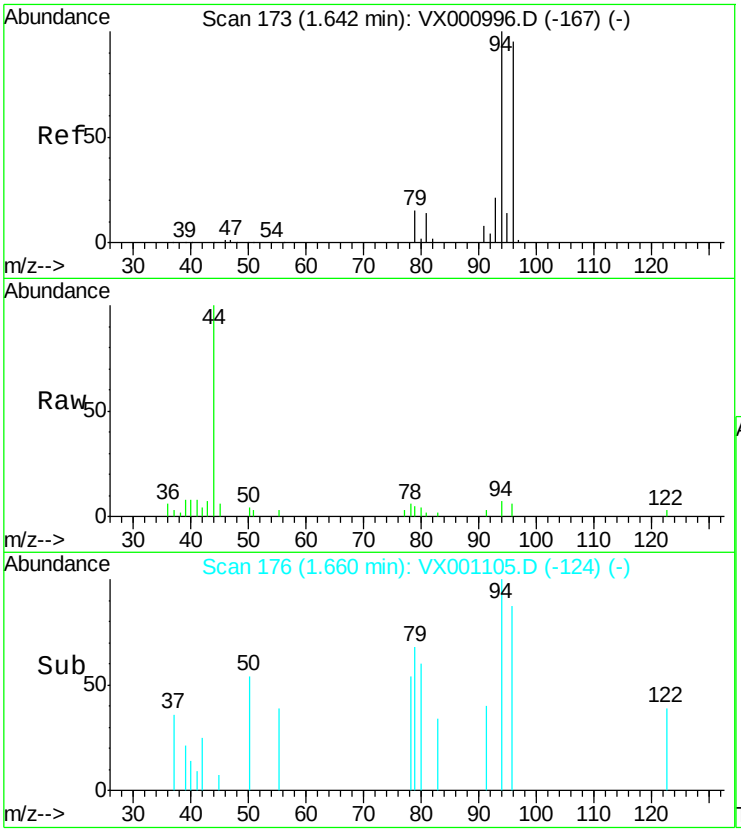


#4
Vinyl Chloride
Concen: 0.51 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 62 Resp: 1434

Ion	Ratio	Lower	Upper
62	100		
64	28.8	25.6	38.4



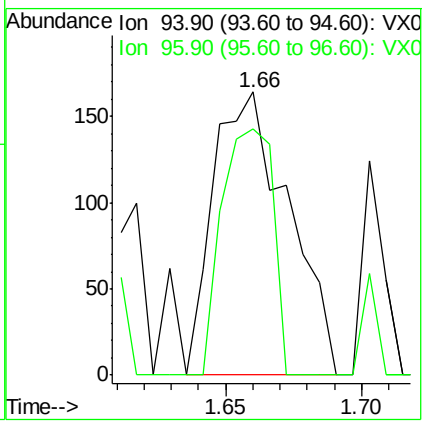


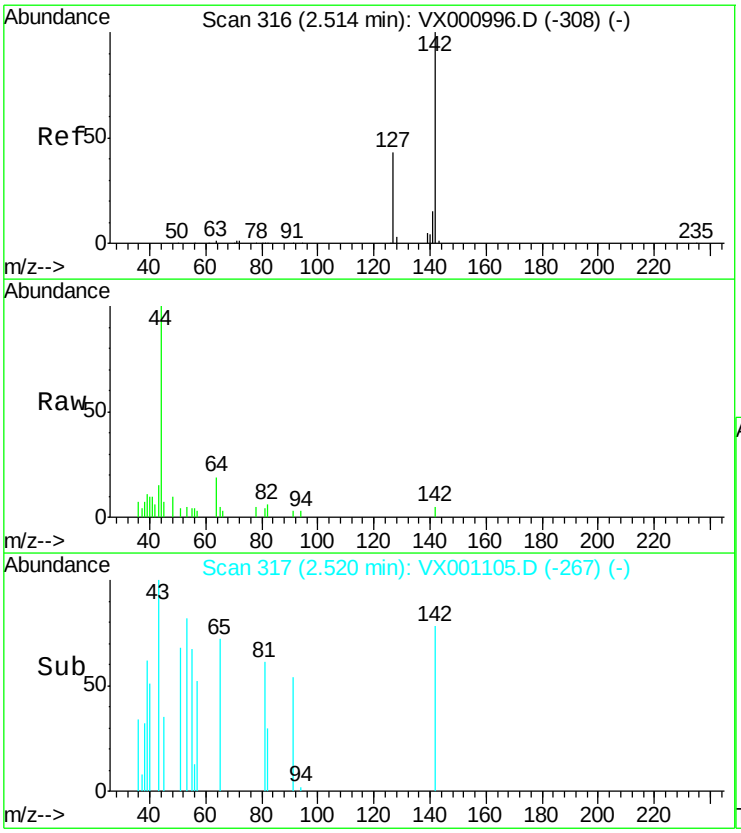
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 94 Resp: 314

Ion	Ratio	Lower	Upper
94	100		
96	87.2	76.0	114.0

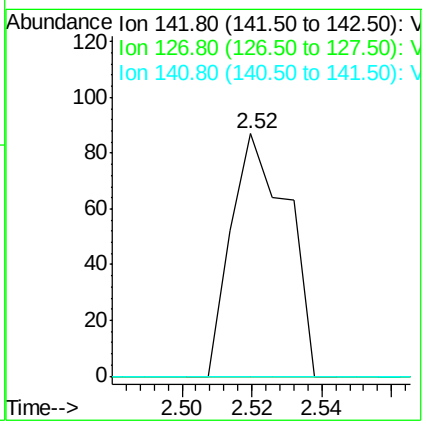


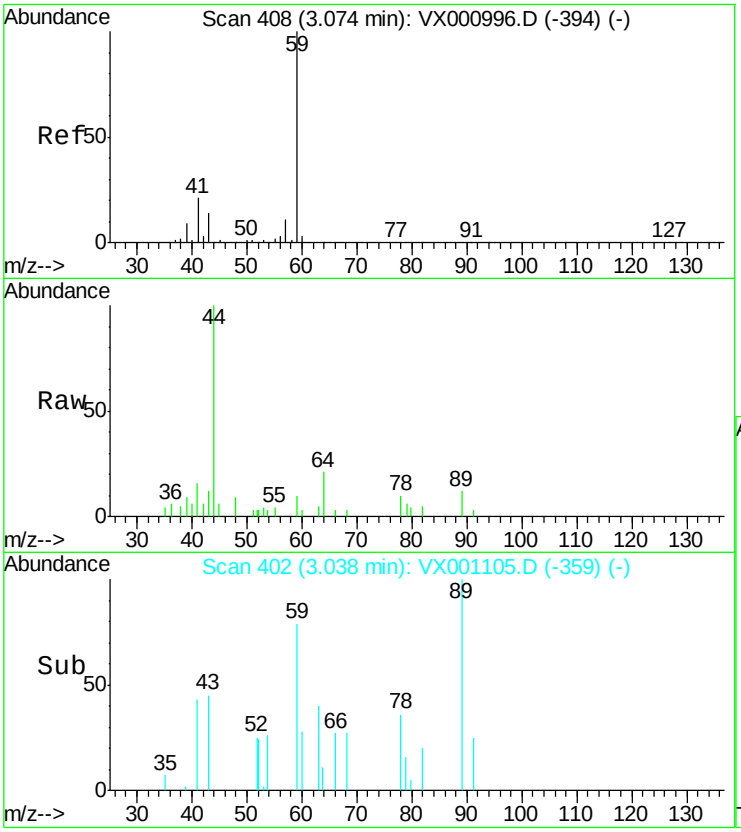


#10
Methyl Iodide
Concen: 7.63 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion:142 Resp: 97

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.0	51.0#
141	0.0	11.4	17.2#



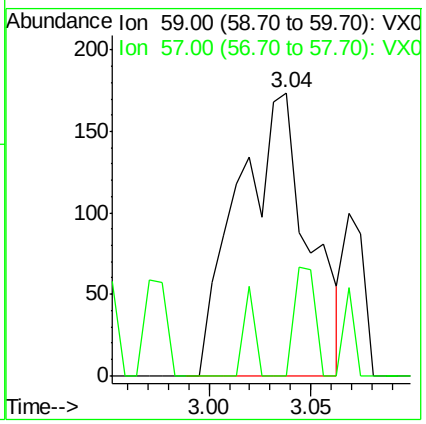


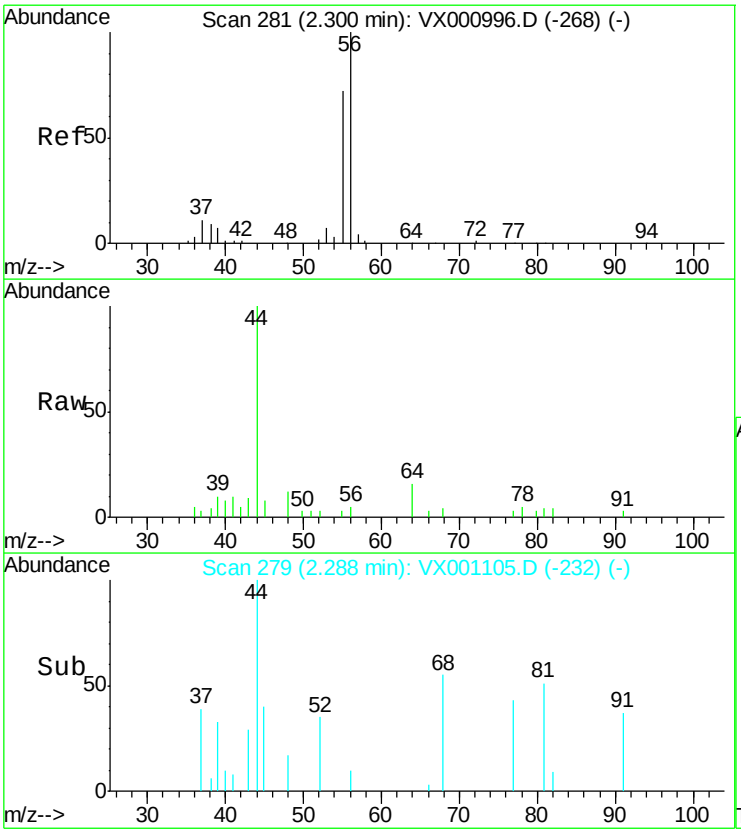
#11
Tert butyl alcohol
Concen: 0.91 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.04 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 59 Resp: 414

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.3	12.5

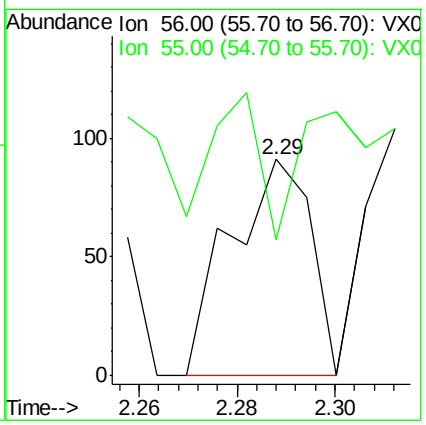


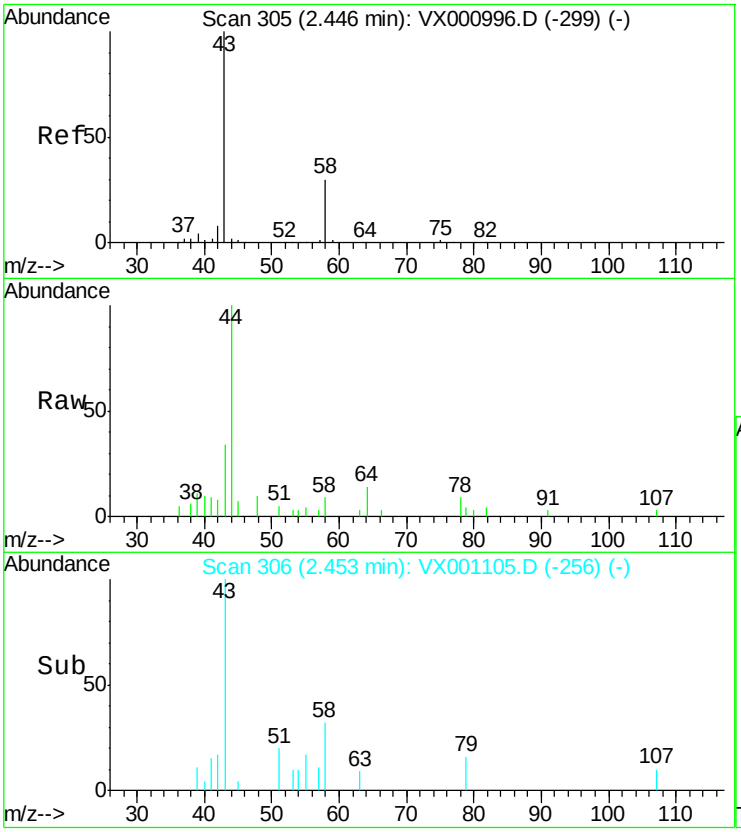


#13
Acrolein
Concen: 11.63 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 56 Resp: 103

Ion	Ratio	Lower	Upper
56	100		
55	87.4	57.4	86.2#



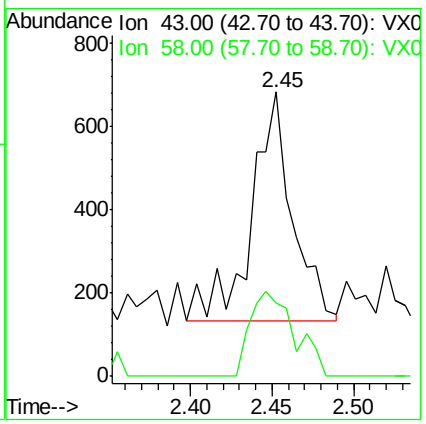


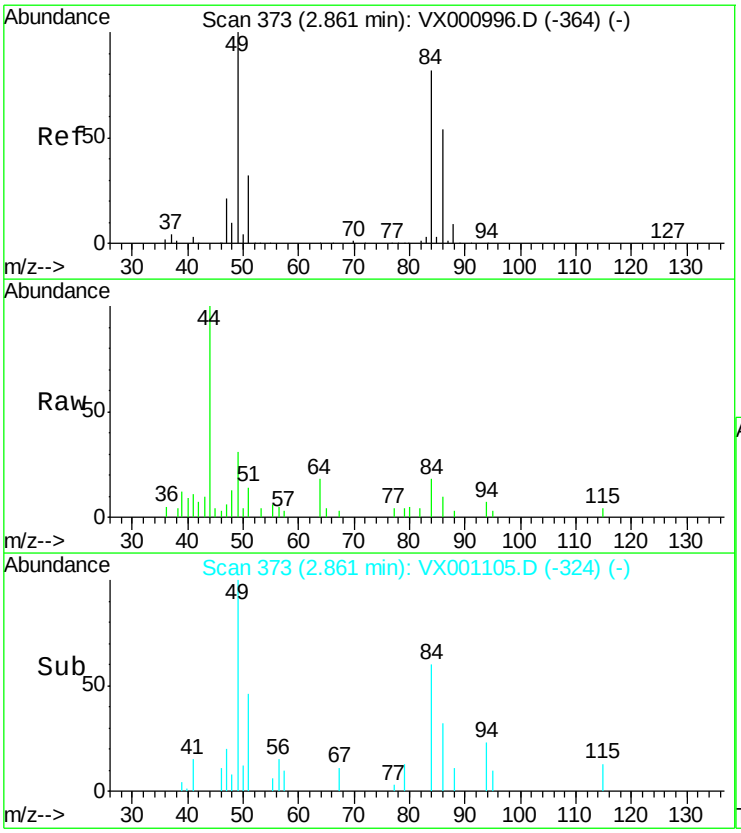
#16
Acetone
Concen: 0.86 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 43 Resp: 968

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.7	35.5

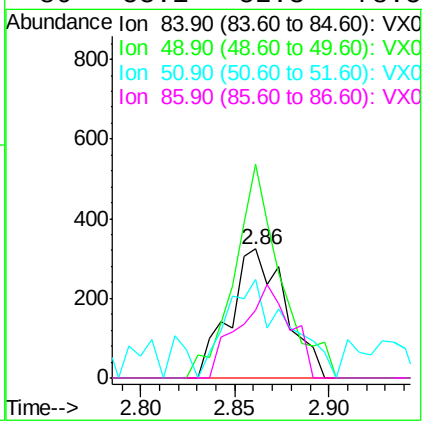


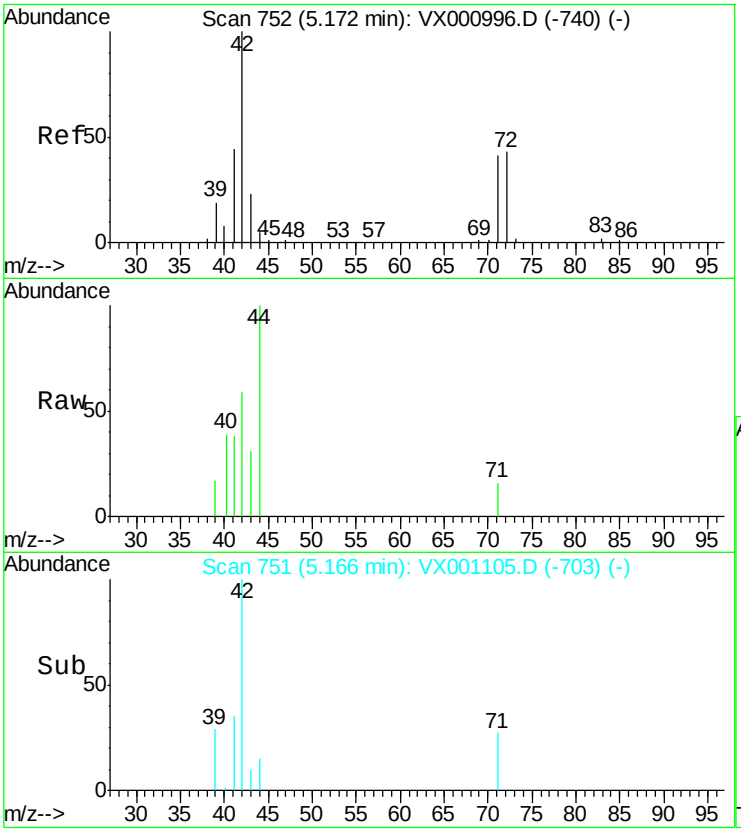


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 84 Resp: 663

Ion	Ratio	Lower	Upper
84	100		
49	165.4	97.1	145.7#
51	76.5	30.8	46.2#
86	53.1	52.3	78.5



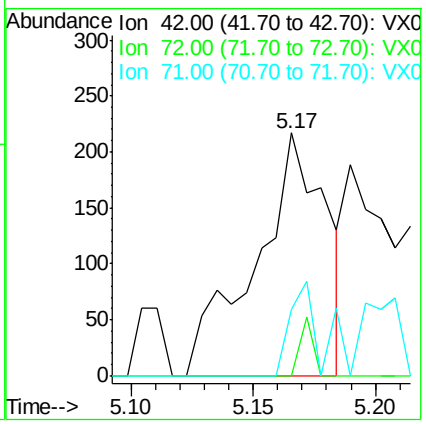


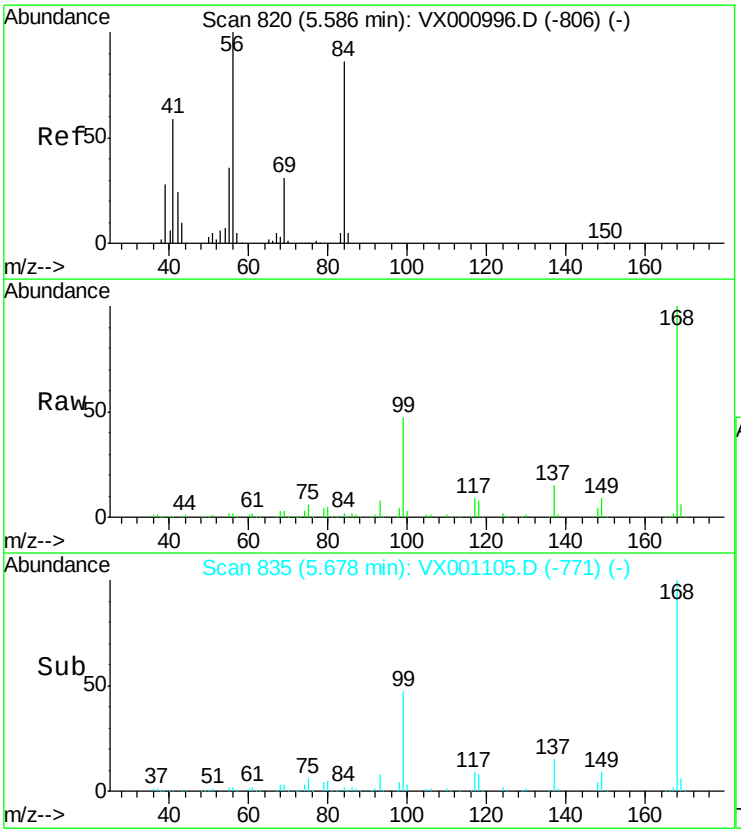
#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 42 Resp: 433

Ion	Ratio	Lower	Upper
42	100		
72	4.4	34.6	52.0#
71	12.2	32.6	49.0#

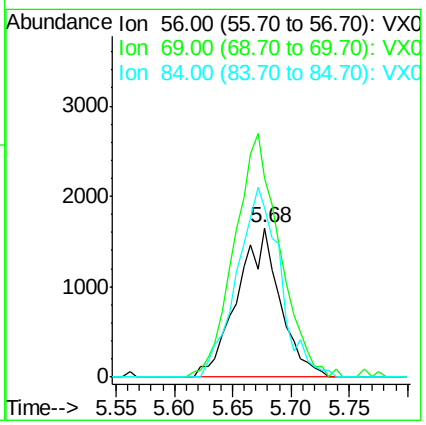


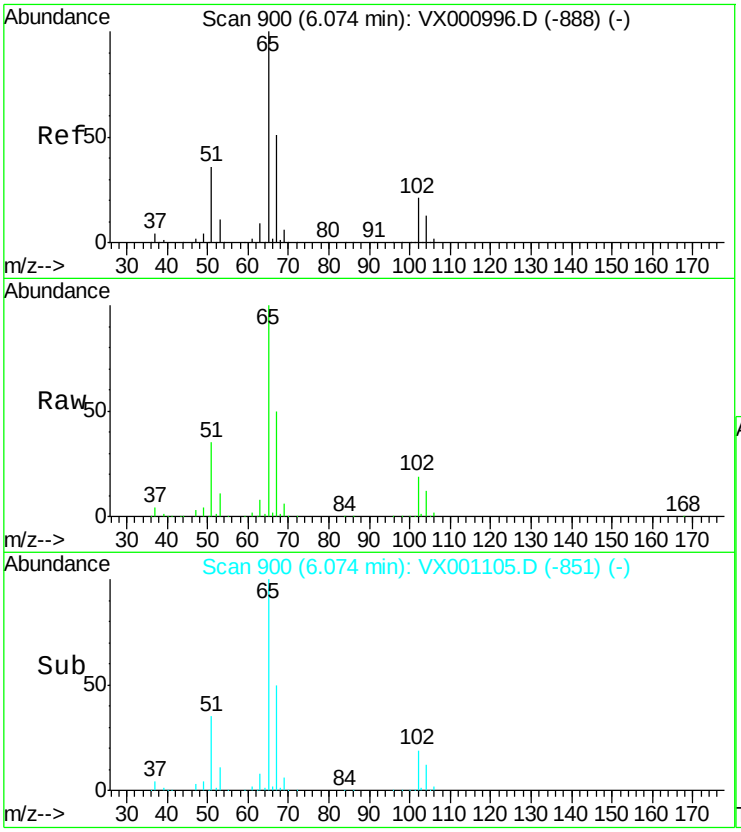


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 56 Resp: 4205

Ion	Ratio	Lower	Upper
56	100		
69	133.2	24.6	36.8#
84	119.8	69.0	103.6#



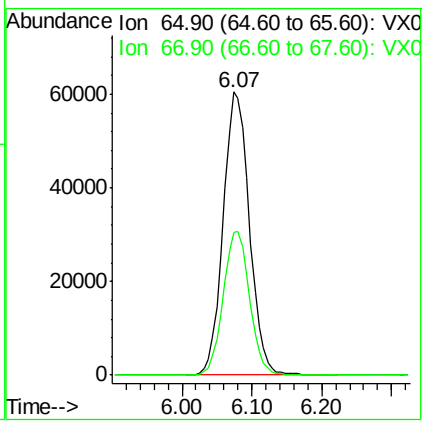


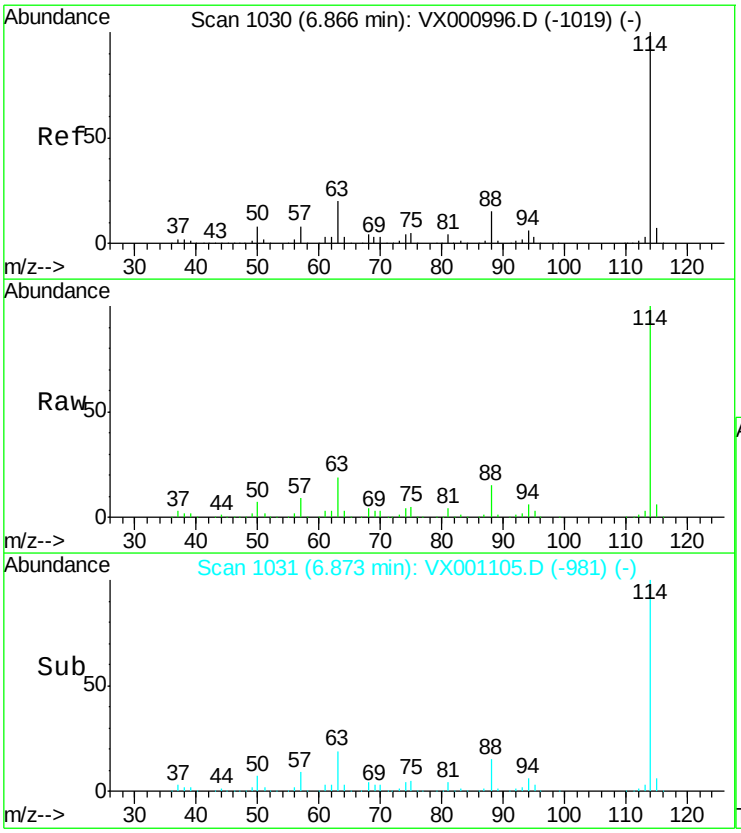
#33
1,2-Dichloroethane-d4
Concen: 52.45 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 65 Resp: 157558

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6

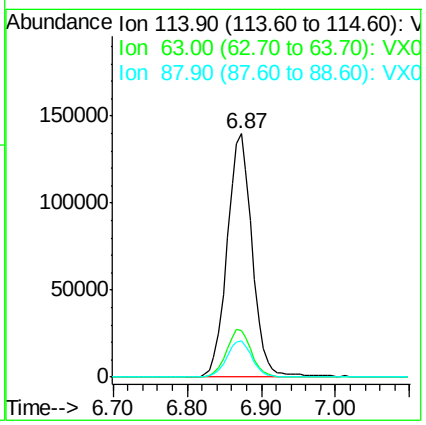


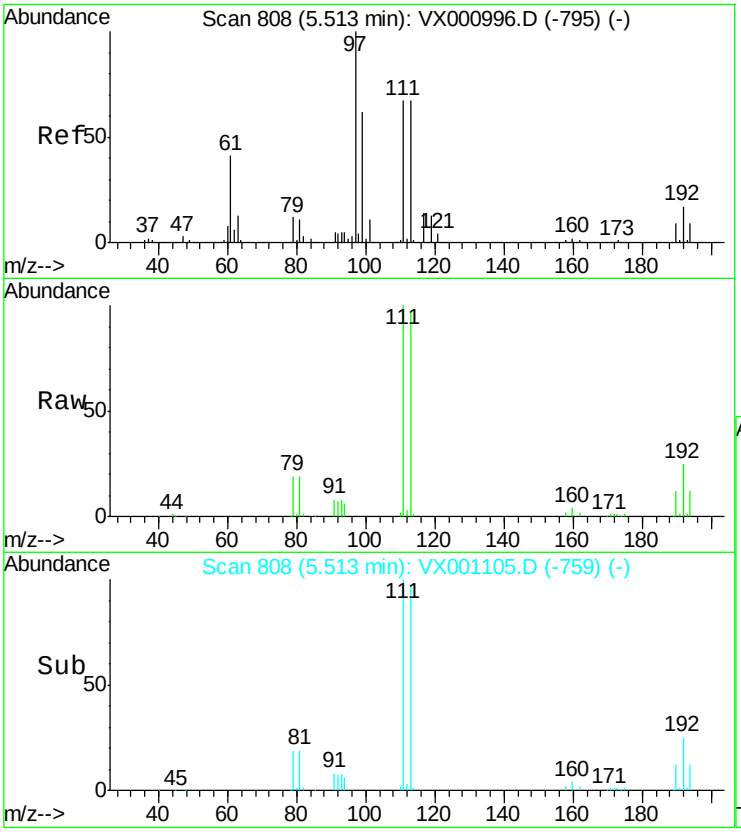


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion:114 Resp: 329593

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.4
88	14.8	0.0	29.8



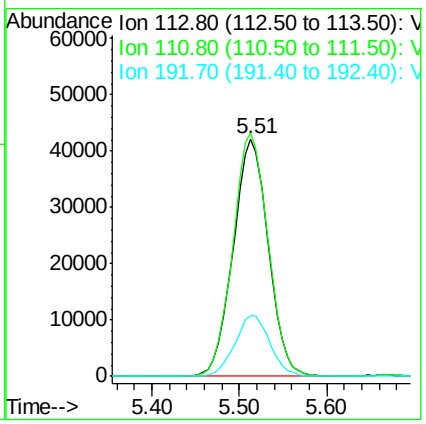


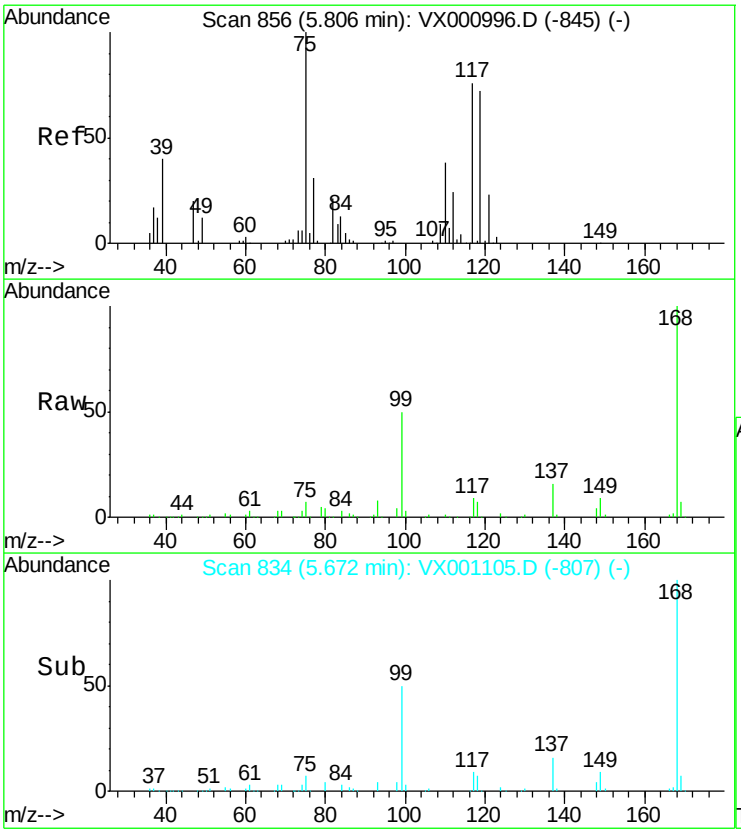
#35
Dibromofluoromethane
Concen: 46.78 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion:113 Resp: 117568

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	25.6	20.4	30.6

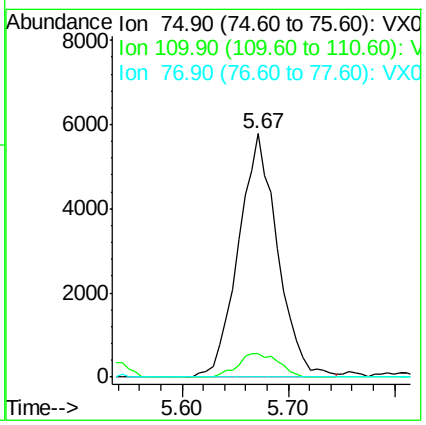


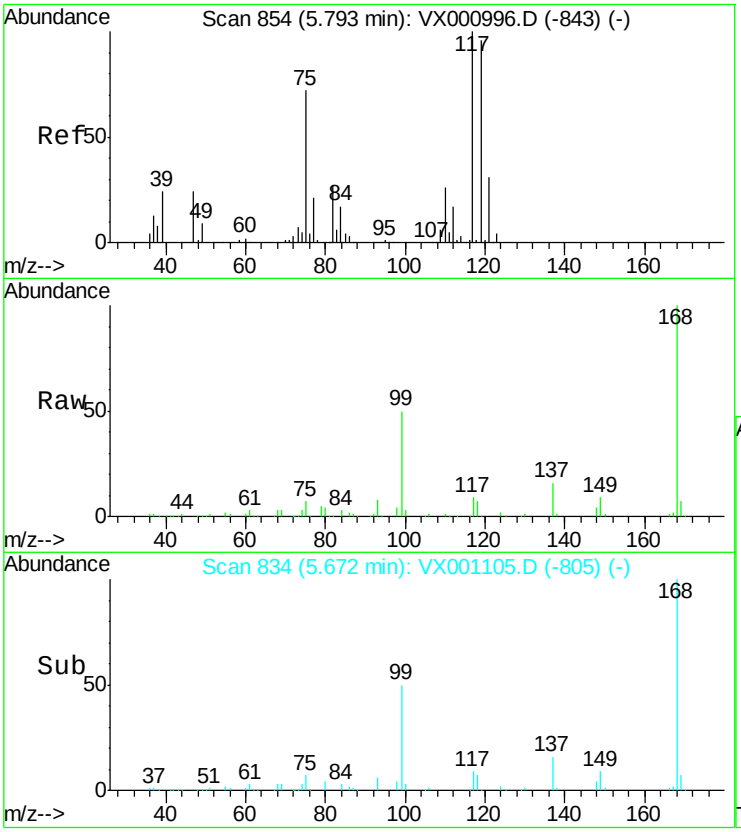


#36
1,1-Dichloropropene
Concen: 3.85 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 75 Resp: 14895

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.7	56.1#
77	0.0	25.0	37.4#



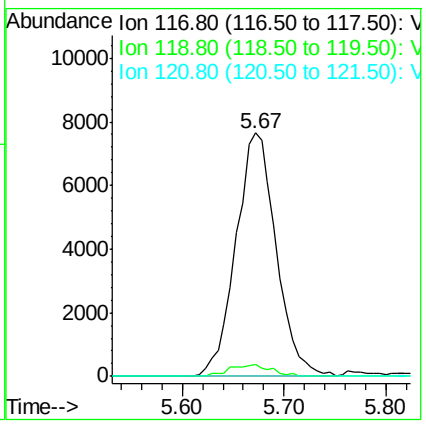


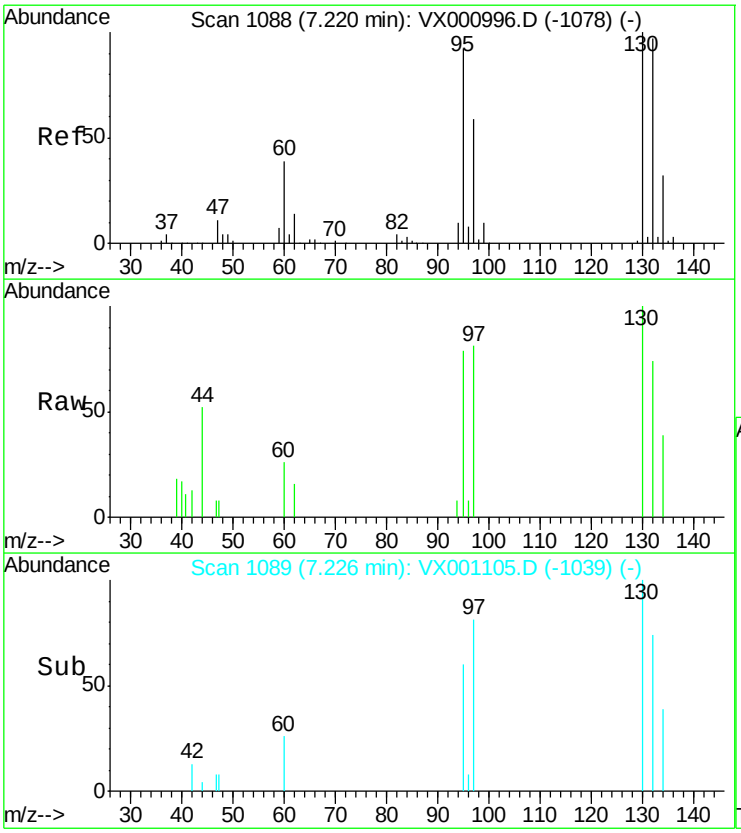
#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion:117 Resp: 20985

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.5	114.7#
121	0.0	24.5	36.7#

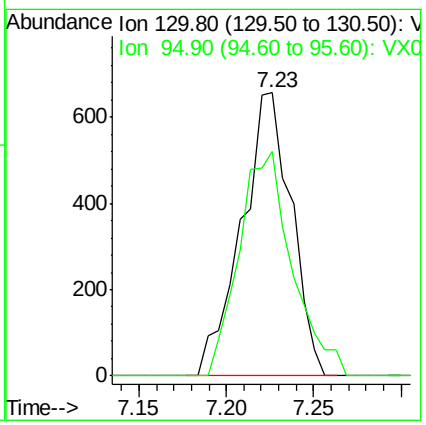


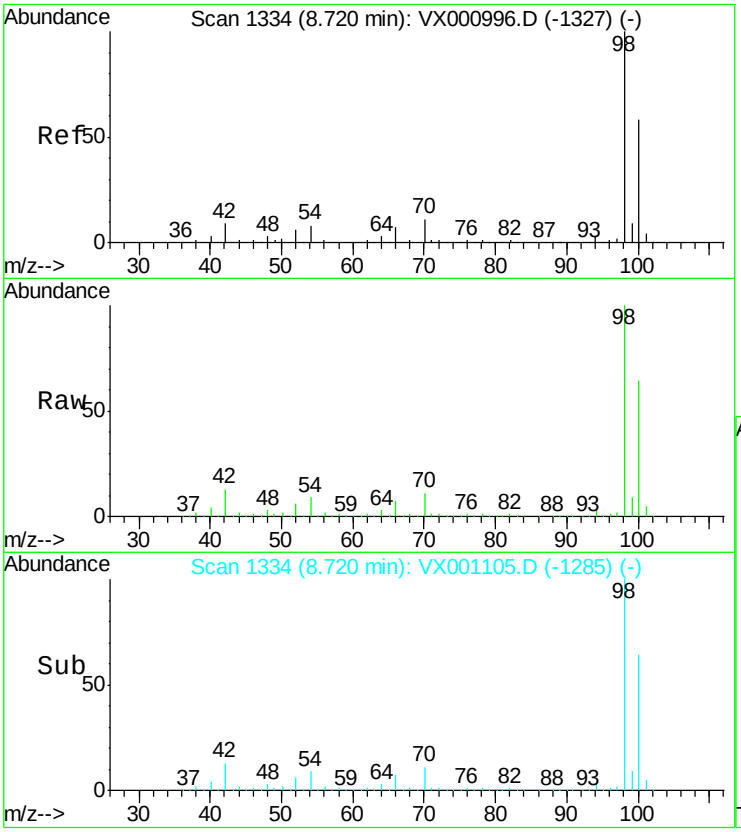


#44
Trichloroethene
Concen: 0.40 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion:130 Resp: 1301

Ion	Ratio	Lower	Upper
130	100		
95	79.5	0.0	184.2



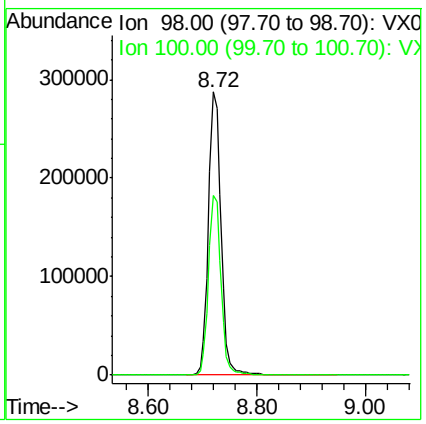


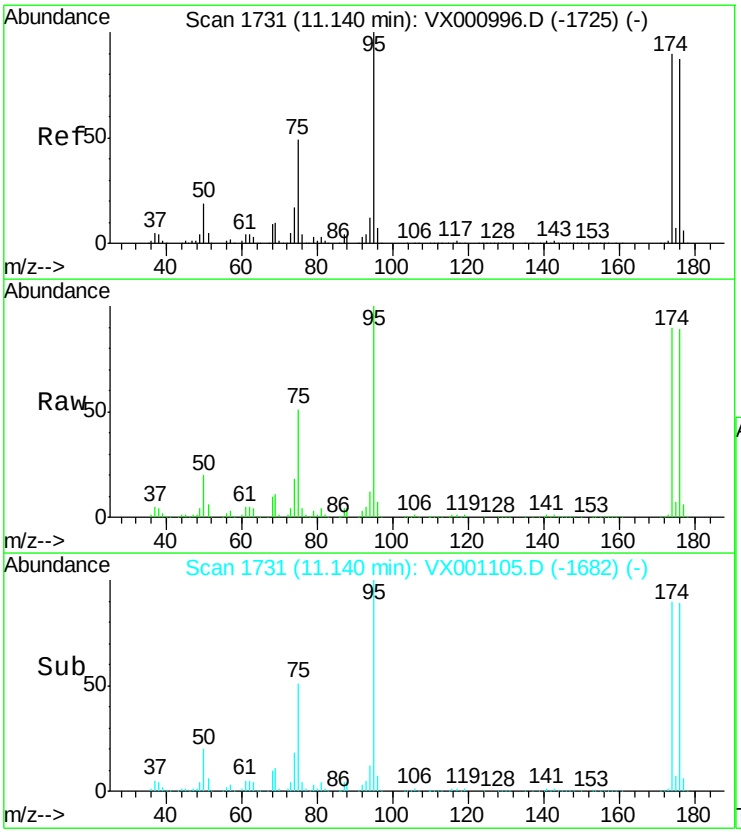
#50
Toluene-d8
Concen: 49.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 98 Resp: 460924

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9

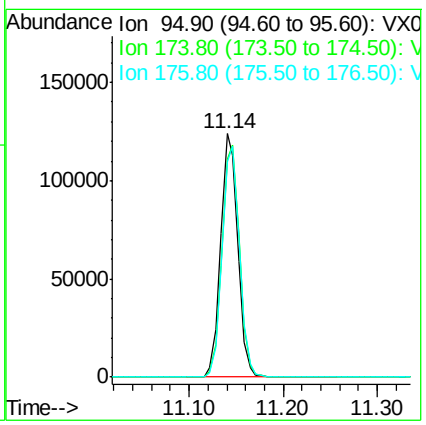


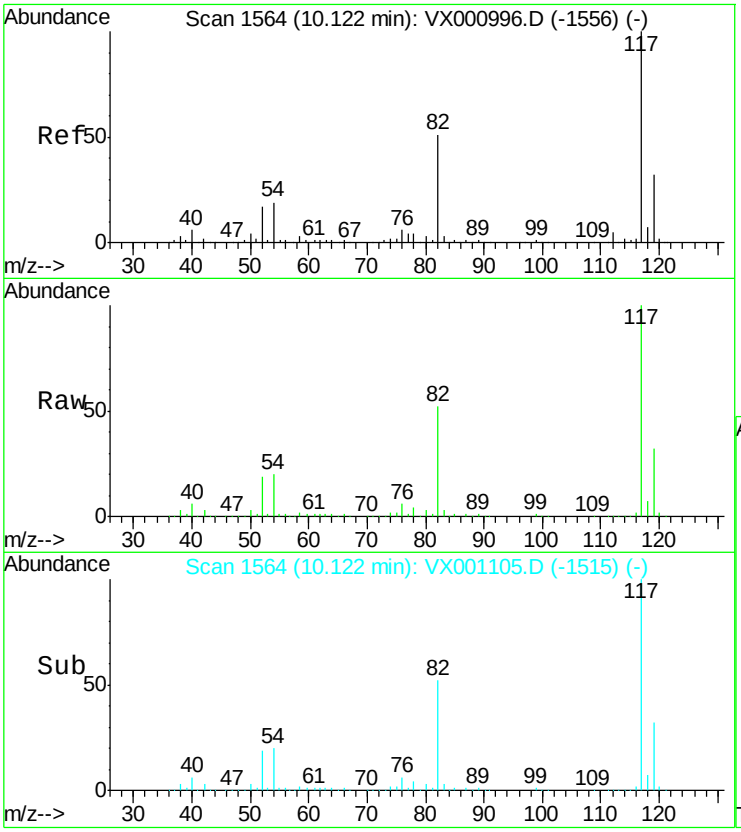


#62
4-Bromofluorobenzene
Concen: 39.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 95 Resp: 155761

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	198.4
176	96.2	0.0	192.0



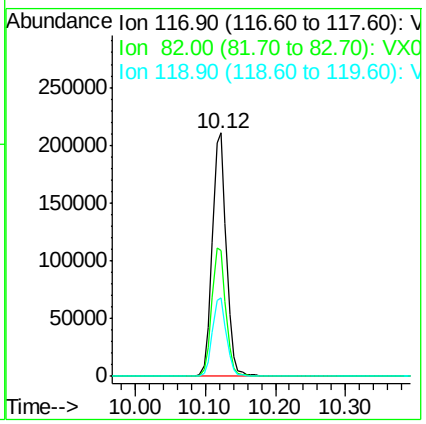


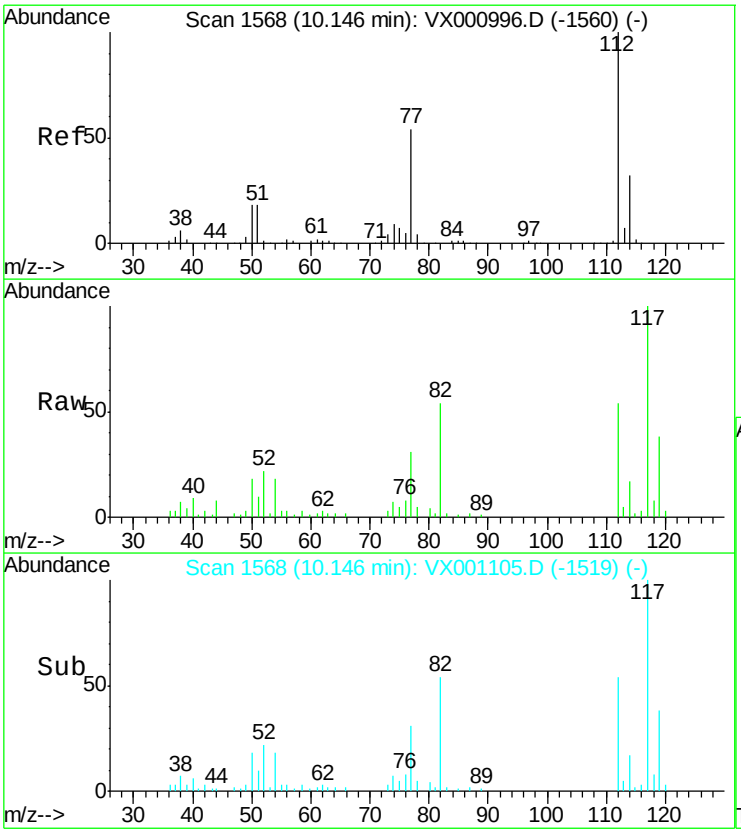
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion:117 Resp: 293257

Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.6	60.8
119	32.5	26.0	39.0

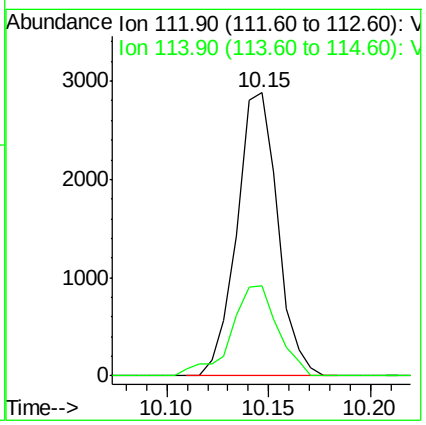


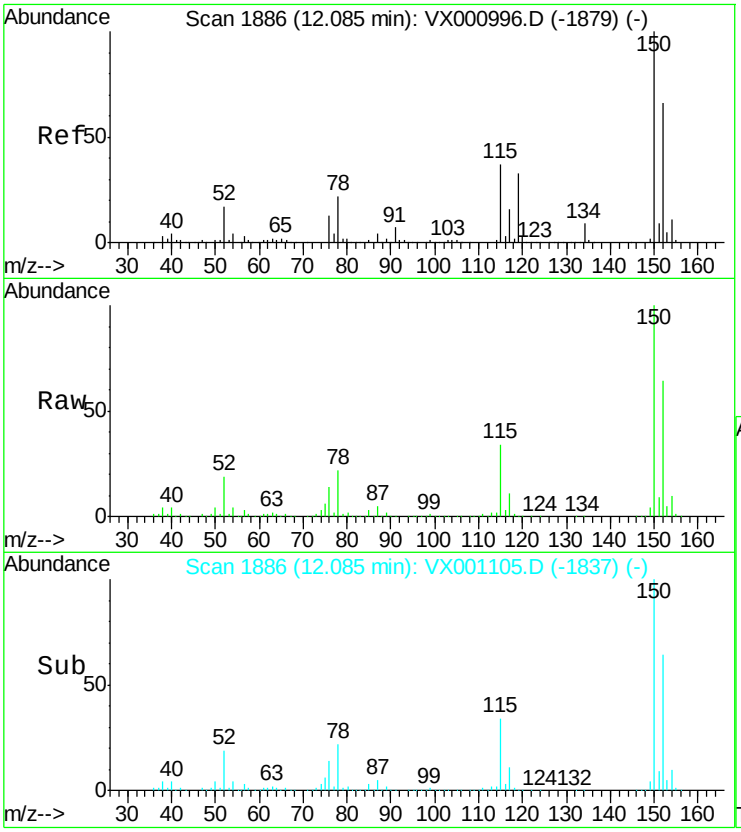


#65
Chlorobenzene
Concen: 0.51 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion:112 Resp: 4002

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.5	38.3



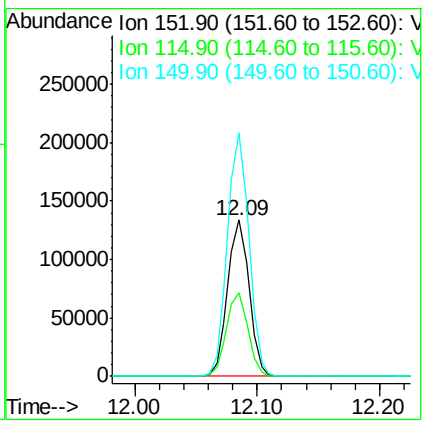


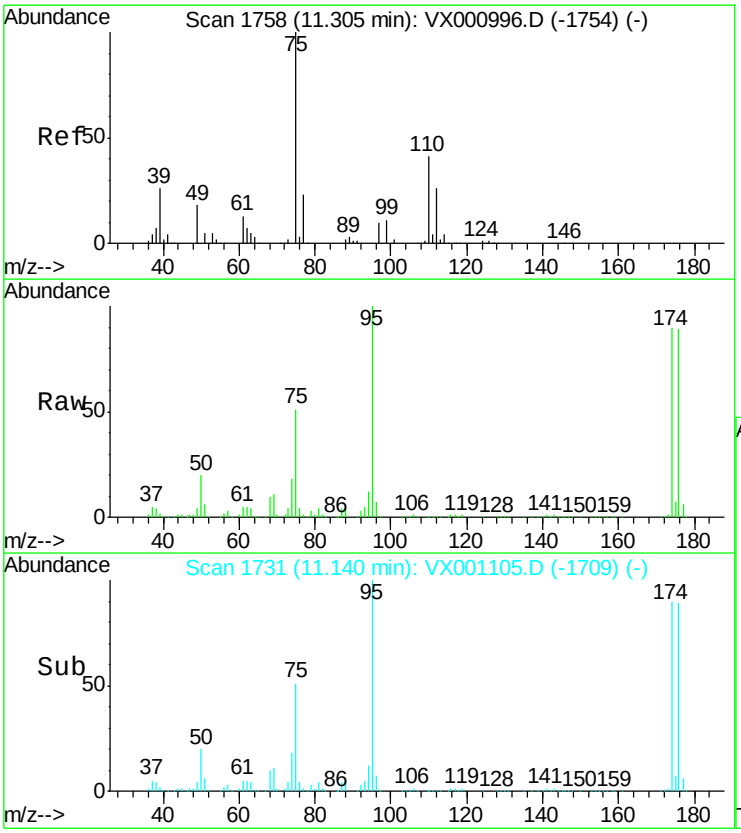
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion:152 Resp: 162179

Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.2	114.6
150	155.7	0.0	350.4

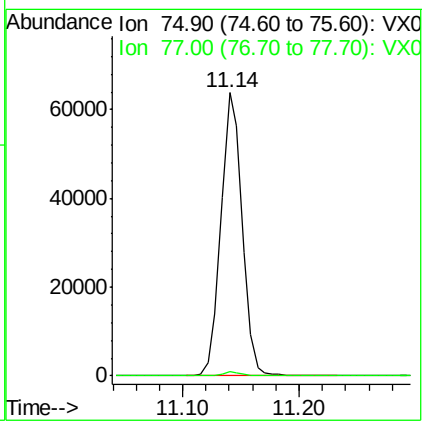


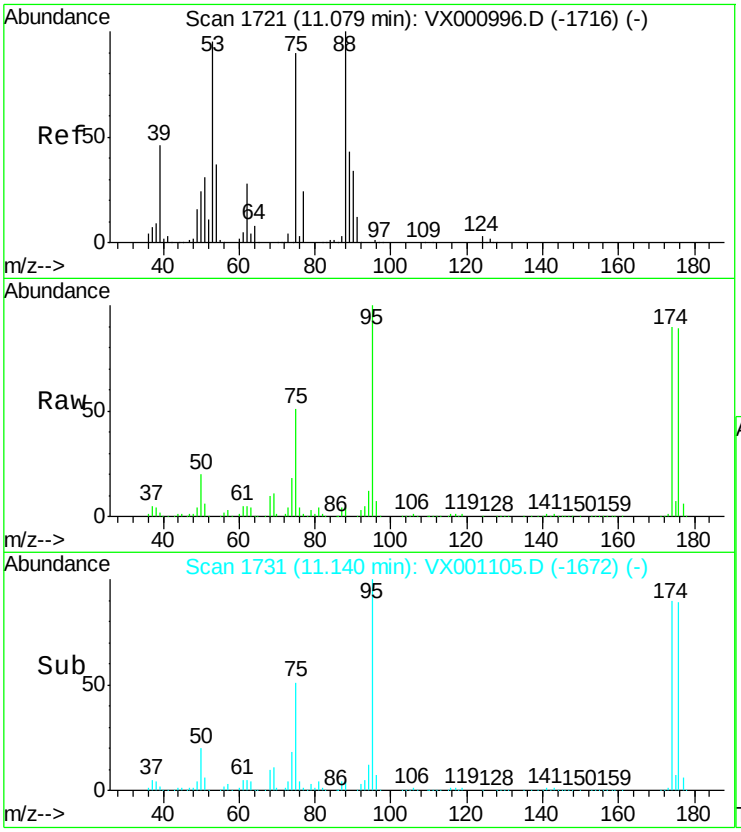


#76
1,2,3-Trichloropropane
Concen: 28.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion: 75 Resp: 80294

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#



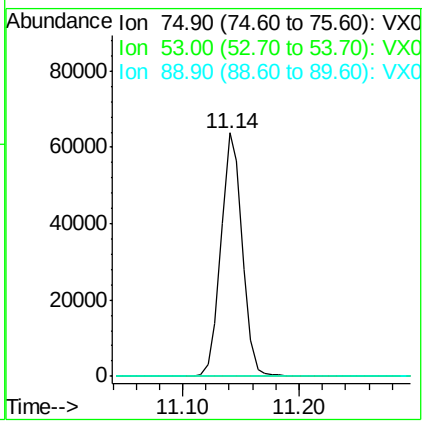


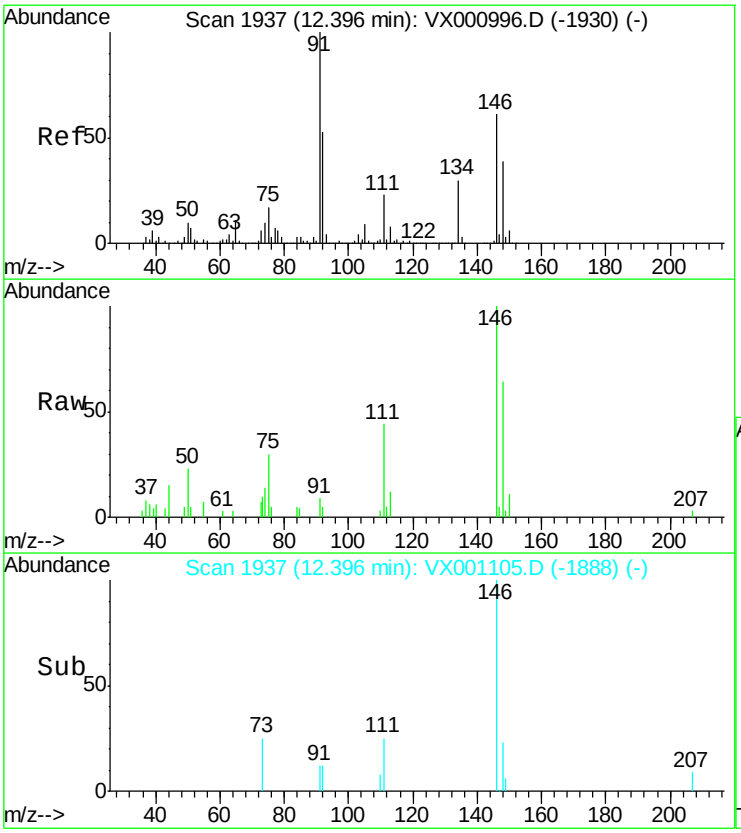
#81
trans-1,4-Dichloro-2-butene
Concen: 85.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-0444-180416

Tgt Ion: 75 Resp: 80294

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	39.7	59.5#





#91
1,2-Dichlorobenzene
Concen: 0.44 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001105.D
Acq: 25 Apr 2018 04:16

Tgt Ion:146 Resp: 2428

Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	56.0
148	68.8	32.3	96.8