Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020519\
Data File : VX007378.D
Acq On : 05 Feb 2019 15:51
Operator : JC/SP
Sample : PB116824ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Quant Time: Feb 06 00:18:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	478443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	736195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	692659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	347834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	261964	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.18%			
35) Dibromofluoromethane	5.50	113	229186	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
50) Toluene-d8	8.71	98	906985	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.06%			
62) 4-Bromofluorobenzene	11.14	95	310463	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	164	0.205	ug/l #	43
3) Chloromethane	1.33	50	1328	0.246	ug/l #	86
5) Bromomethane	1.64	94	1530	Below Cal	#	80
11) Tert butyl alcohol	3.09	59	540	0.514	ug/l #	78
13) Acrolein	2.28	56	538	1.092	ug/l #	42
16) Acetone	2.46	43	27055	11.630	ug/l	98
17) Carbon Disulfide	2.56	76	1871	2.271	ug/l #	88
18) Methyl Acetate	2.79	43	34262	6.179	ug/l	98
20) Methylene Chloride	2.85	84	11611	2.067	ug/l #	89
25) 2-Butanone	4.71	43	12213	3.689	ug/l	98
29) Tetrahydrofuran	5.17	42	1811	0.870	ug/l	93
31) Cyclohexane	5.65	56	8202	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	30277	4.584	ug/l #	49
38) Carbon Tetrachloride	5.67	117	43514	6.790	ug/l #	15
43) Isopropyl Acetate	6.46	43	27361	2.655	ug/l	94
48) Methyl methacrylate	7.70	41	15439	2.995	ug/l #	13
49) 1,4-Dioxane	7.79	88	161	8.243	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	136364	20.098	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	67881	9.570	ug/l #	60
57) 1,3-Dichloropropane	9.54	76	15392	1.850	ug/l #	45
59) 2-Hexanone	9.54	43	202293	38.315	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	148402	21.934	ug/l #	32
80) 1,3,5-Trimethylbenzene	11.51	105	3961	0.205	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.13	75	148402	66.291	ug/l #	9

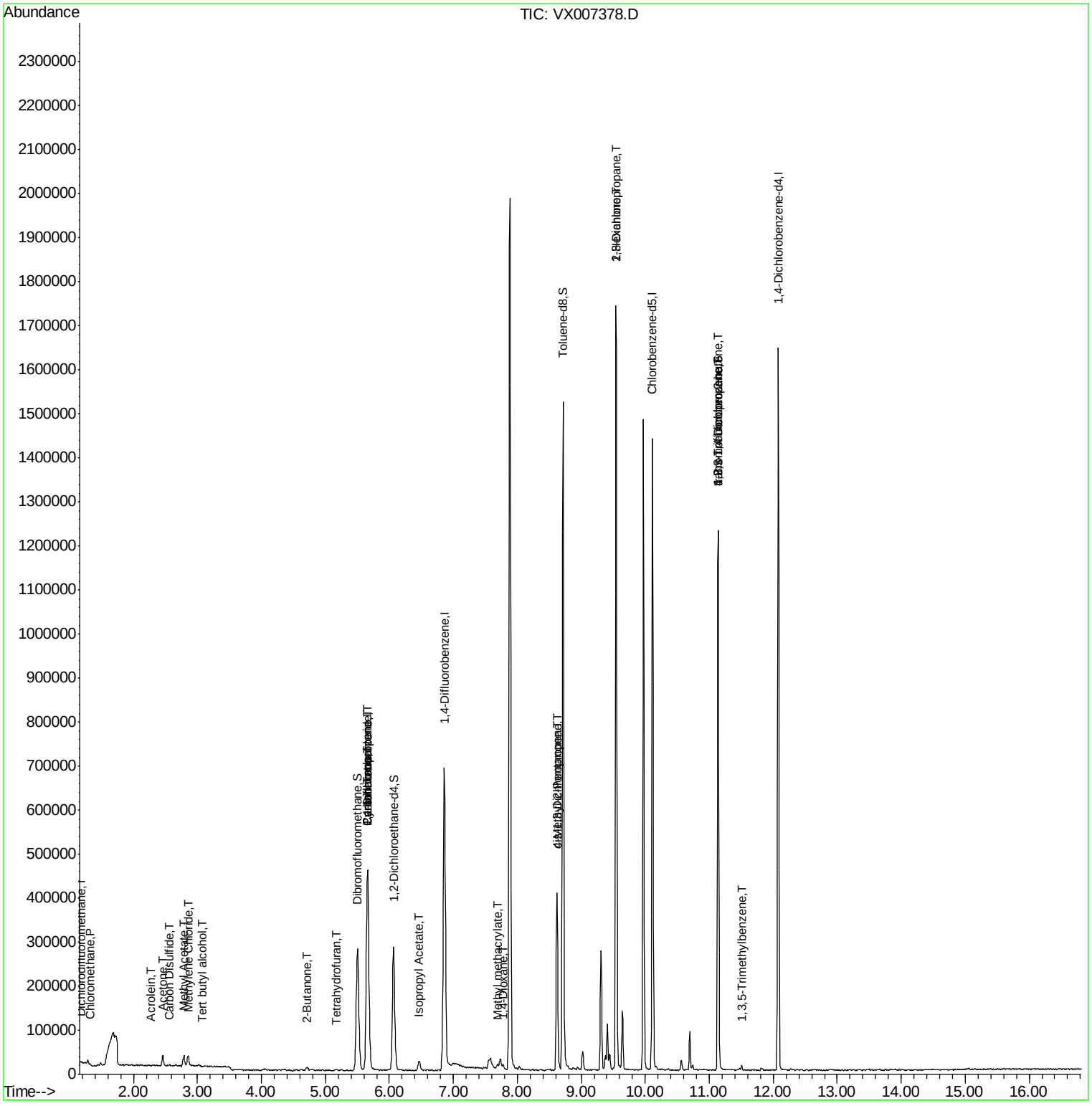
(#) = qualifier out of range (m) = manual integration (+) = signals summed

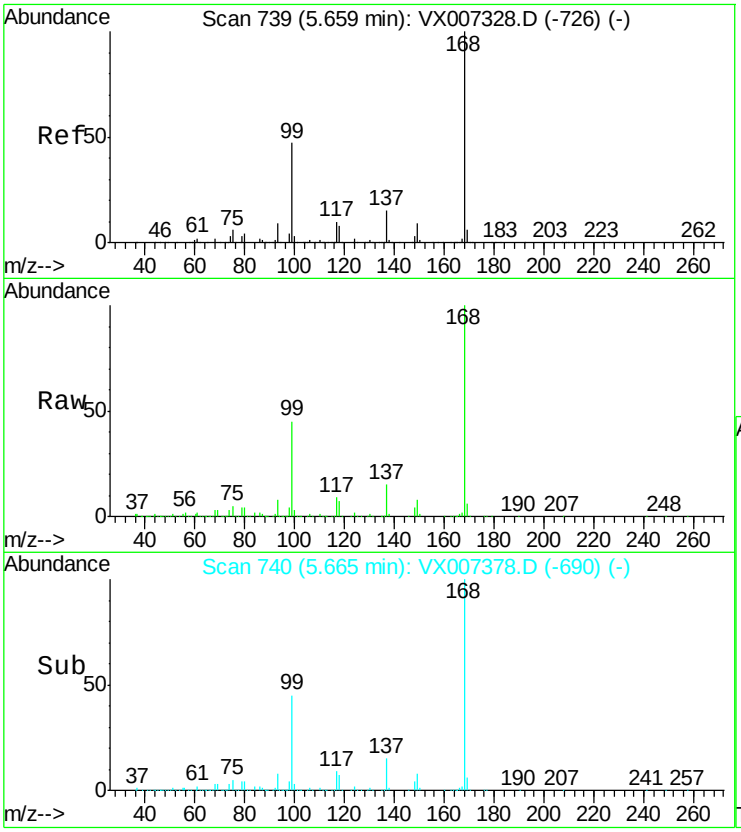
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020519\
Data File : VX007378.D
Acq On : 05 Feb 2019 15:51
Operator : JC/SP
Sample : PB116824ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Quant Time: Feb 06 00:18:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



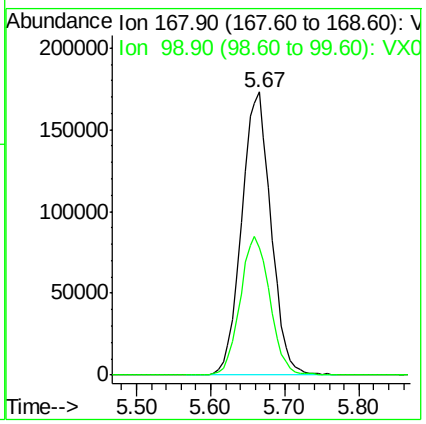


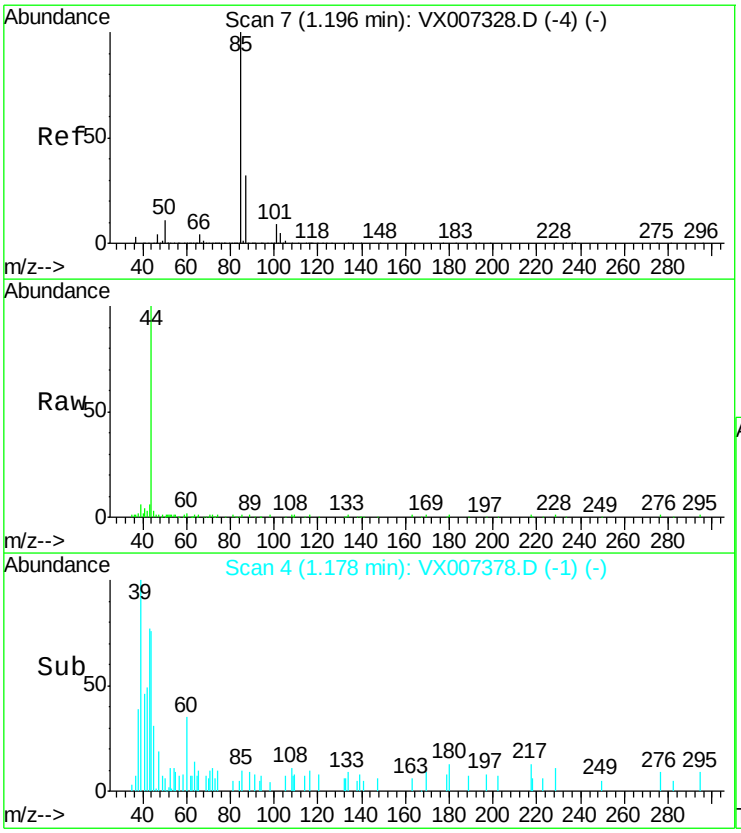
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion:168 Resp: 478443

Ion	Ratio	Lower	Upper
168	100		
99	44.7	37.9	56.9

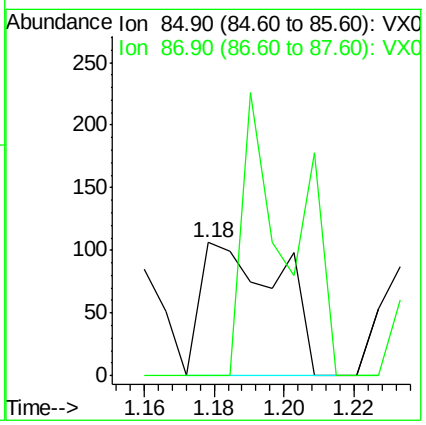


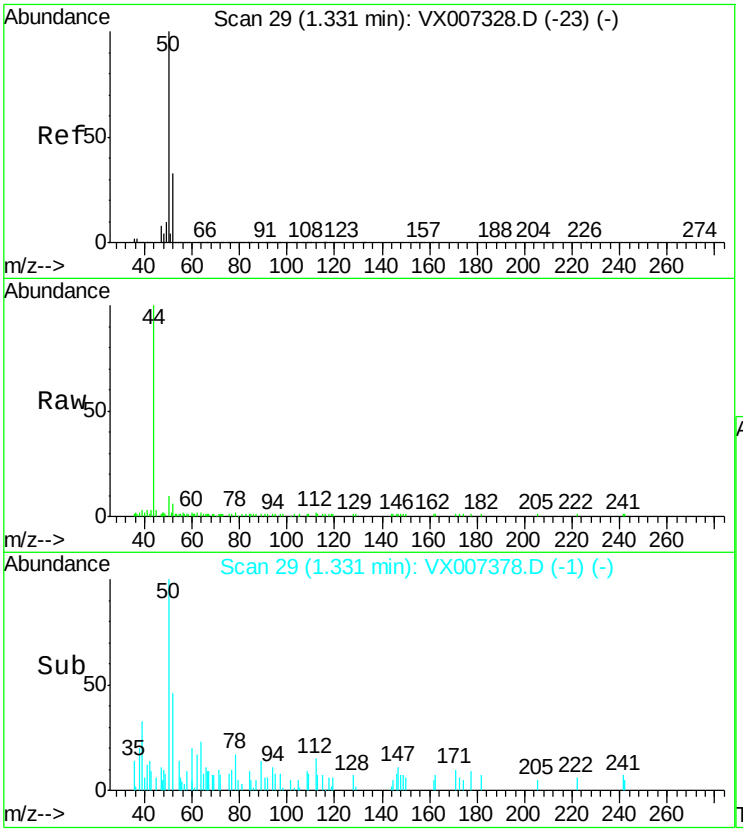


#2
Dichlorodifluoromethane
Concen: 0.205 ug/l
RT: 1.18 min Scan# 4
Delta R.T. -0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 85 Resp: 164

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



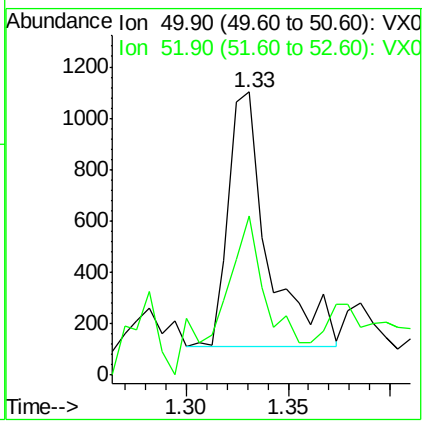


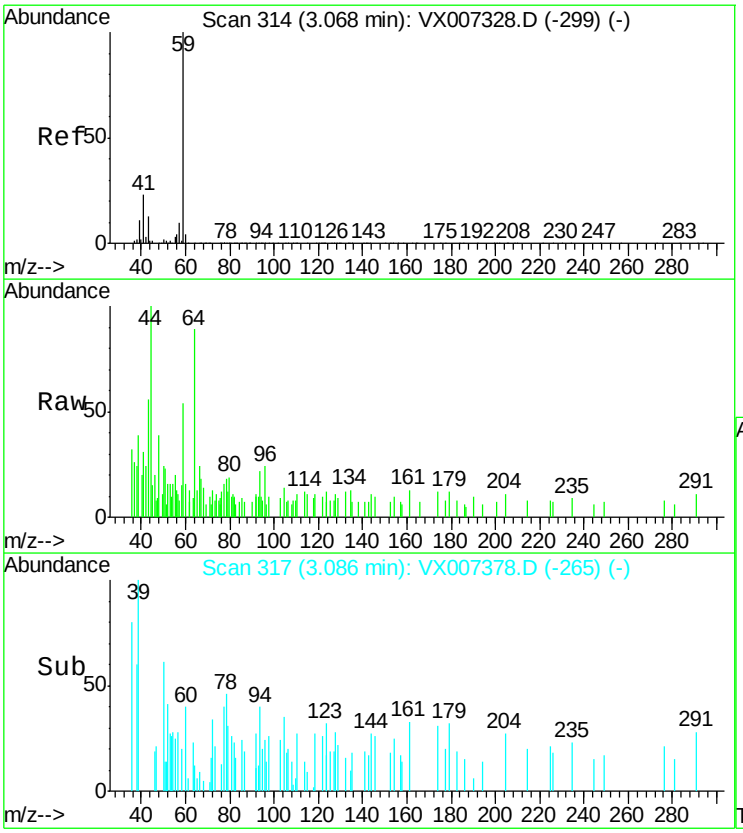
#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 50 Resp: 1328

Ion	Ratio	Lower	Upper
50	100		
52	40.5	26.1	39.1#

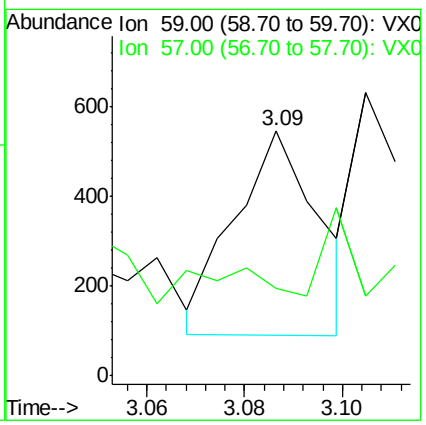


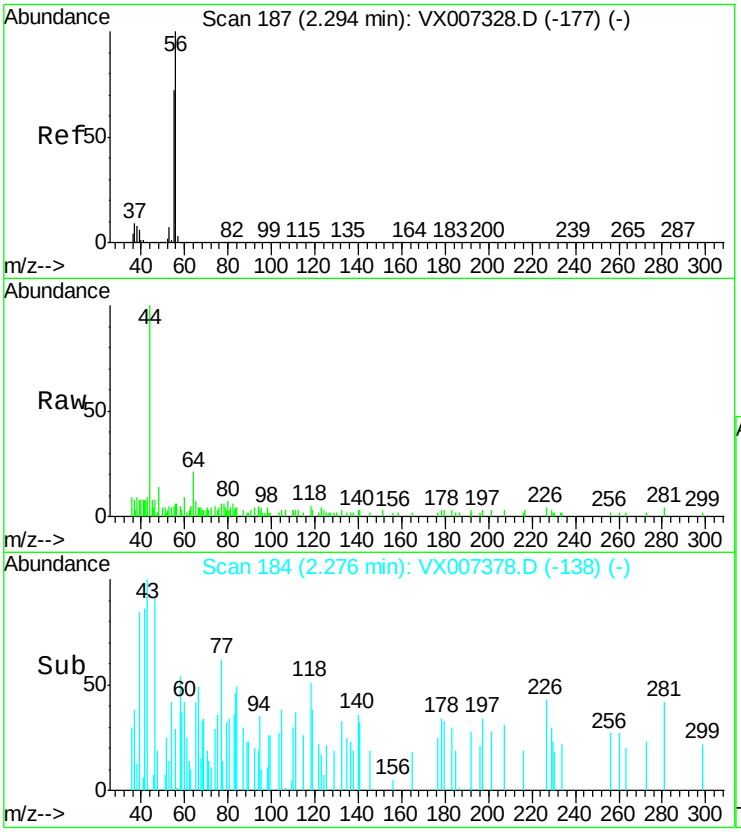


#11
Tert butyl alcohol
Concen: 0.514 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 59 Resp: 540

Ion	Ratio	Lower	Upper
59	100		
57	18.1	8.1	12.1#



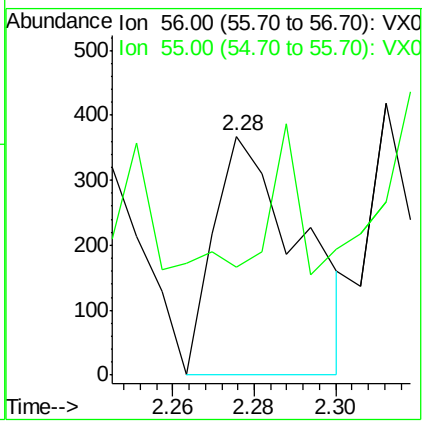


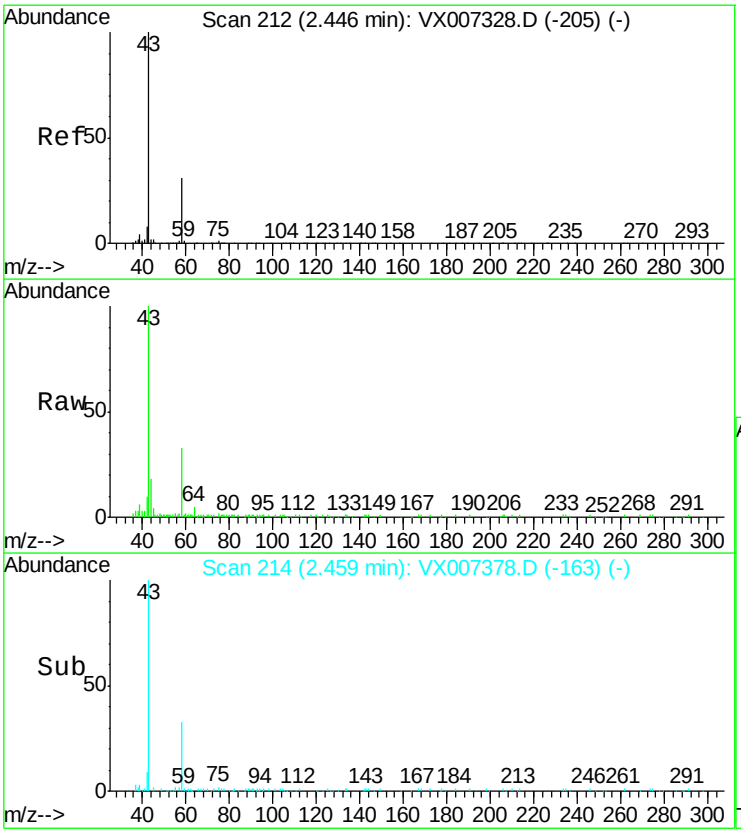
#13
Acrolein
Concen: 1.092 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	23.2	56.9	85.3#

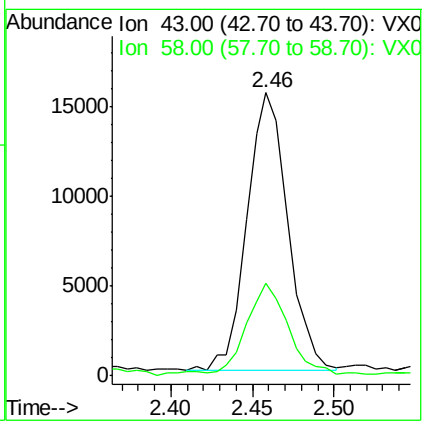


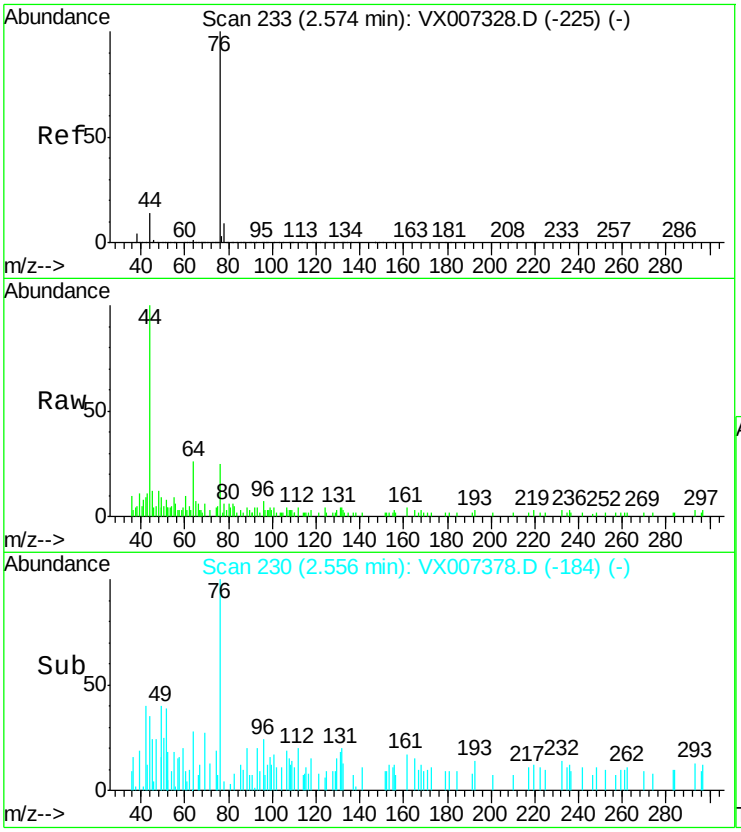


#16
Acetone
Concen: 11.630 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 43 Resp: 27055

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.9	37.3



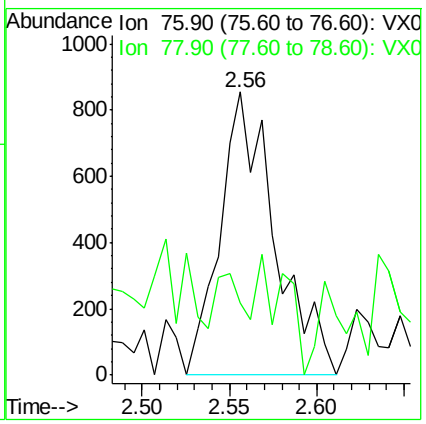


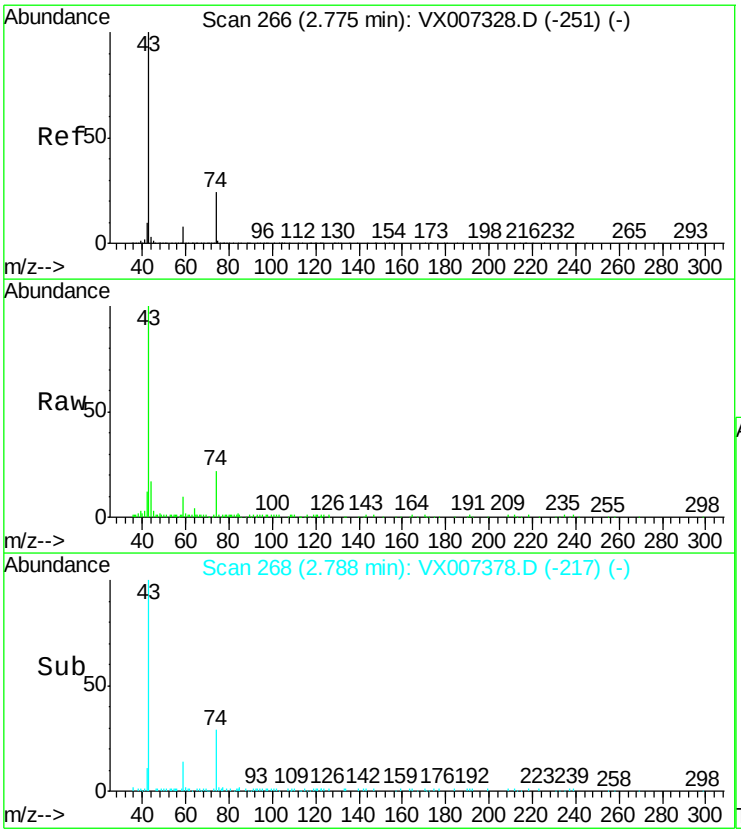
#17
Carbon Disulfide
Concen: 2.271 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 76 Resp: 1871

Ion	Ratio	Lower	Upper
76	100		
78	4.7	7.1	10.7#

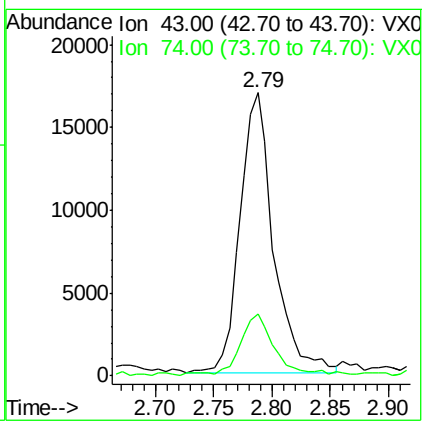


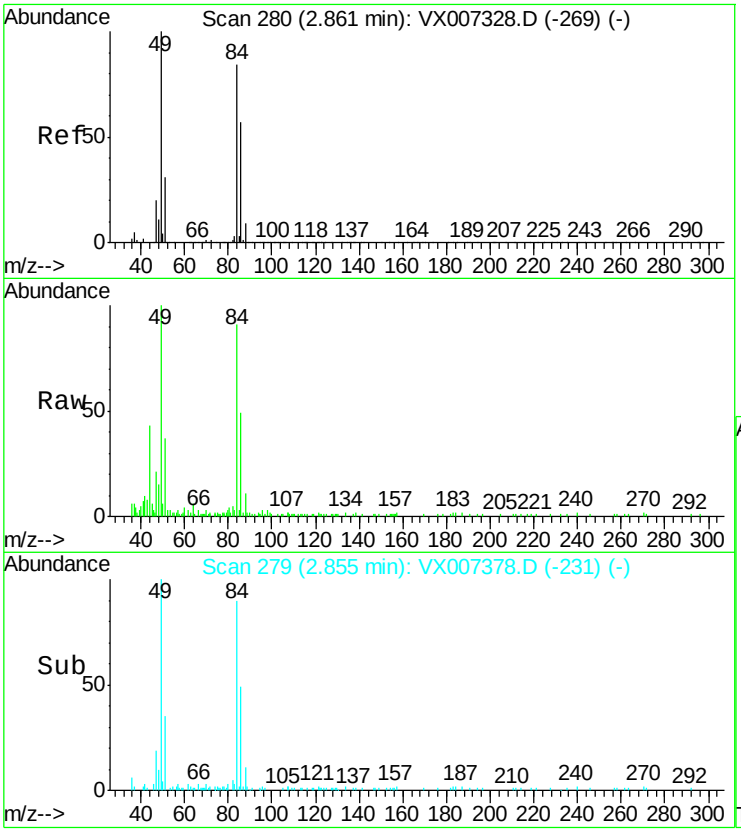


#18
Methyl Acetate
Concen: 6.179 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 43 Resp: 34262

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2



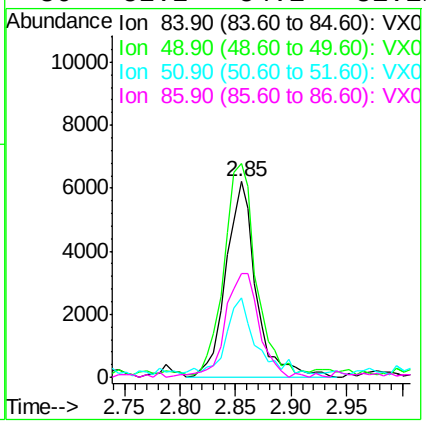


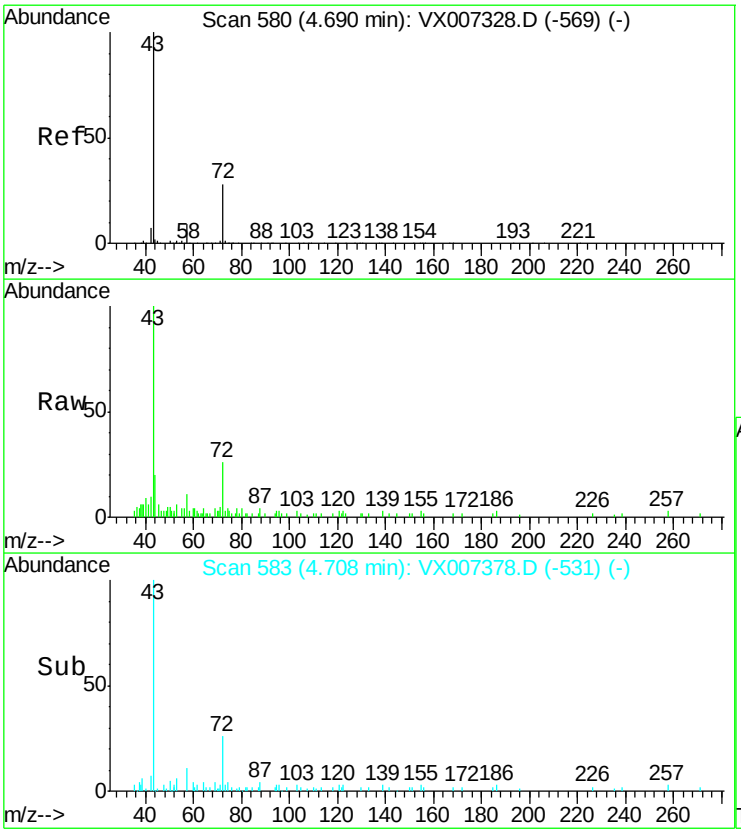
#20
Methylene Chloride
Concen: 2.067 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Tgt Ion: 84 Resp: 11611

Ion	Ratio	Lower	Upper
84	100		
49	108.2	94.8	142.2
51	37.6	29.8	44.8
86	52.2	54.1	81.1#

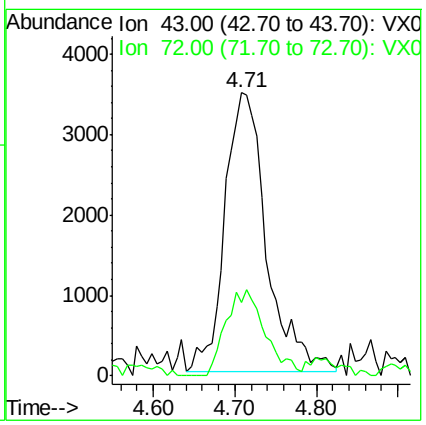


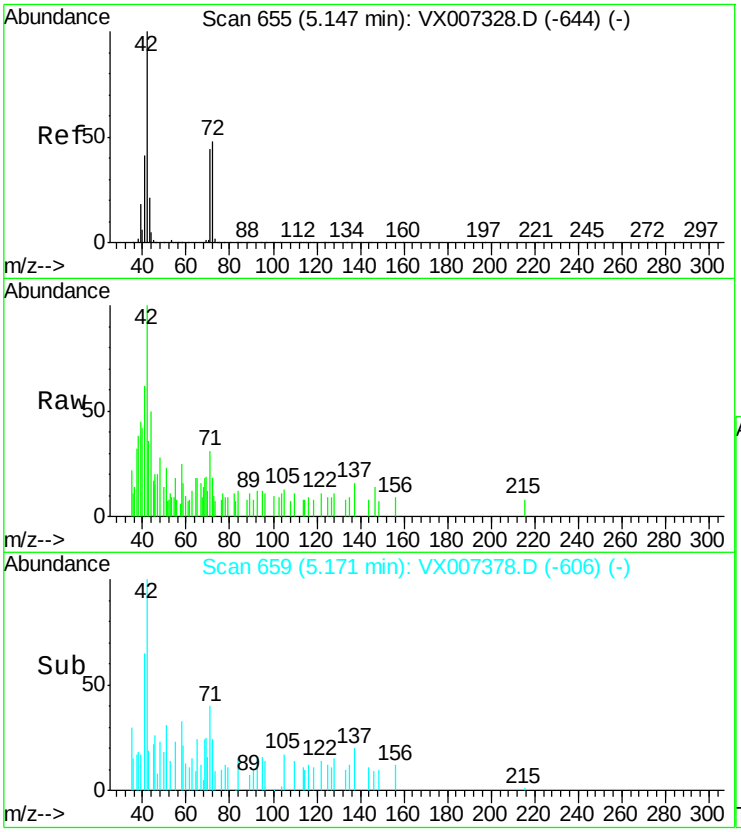


#25
2-Butanone
Concen: 3.689 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 43 Resp: 12213

Ion	Ratio	Lower	Upper
43	100		
72	26.6	22.2	33.2



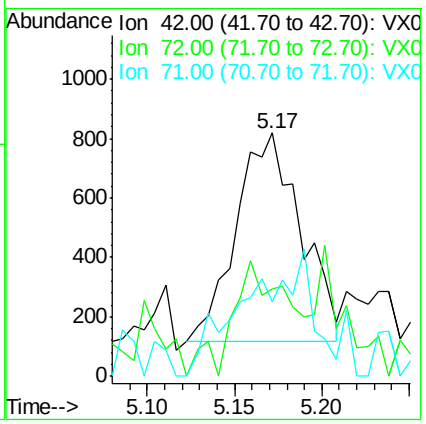


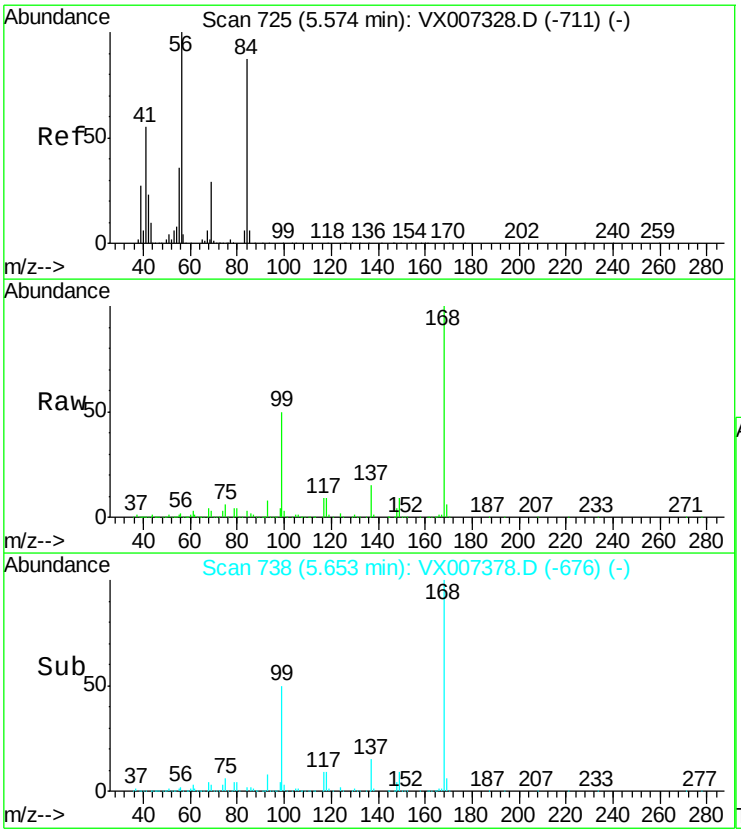
#29
Tetrahydrofuran
Concen: 0.870 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 42 Resp: 1811

Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.6	56.4
71	34.7	34.6	51.8

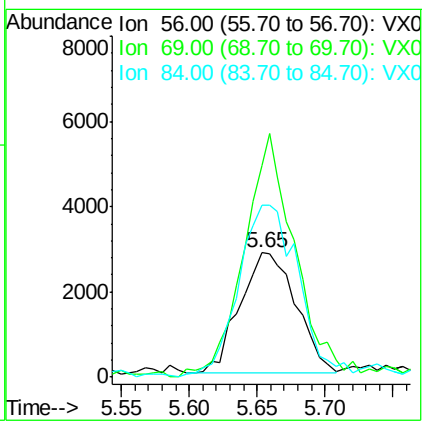


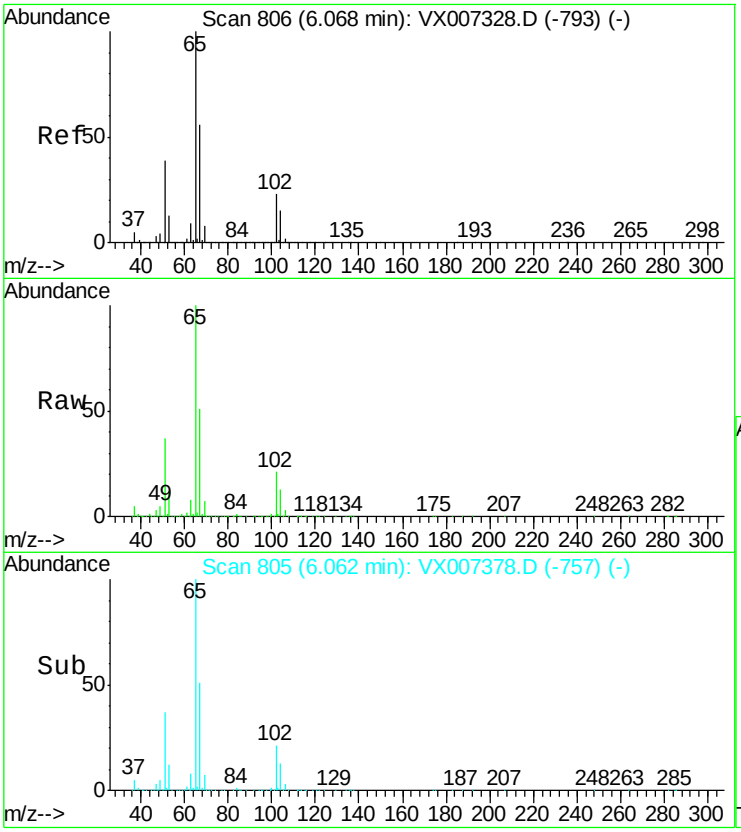


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 56 Resp: 8202

Ion	Ratio	Lower	Upper
56	100		
69	169.2	23.0	34.6#
84	141.0	69.8	104.6#



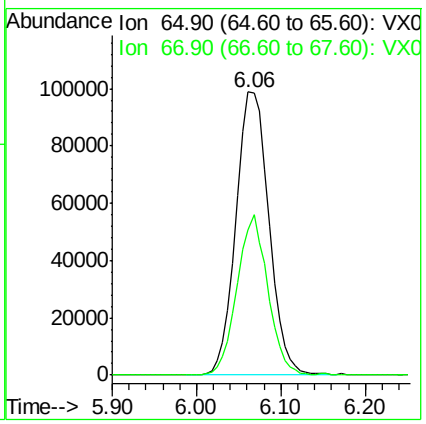


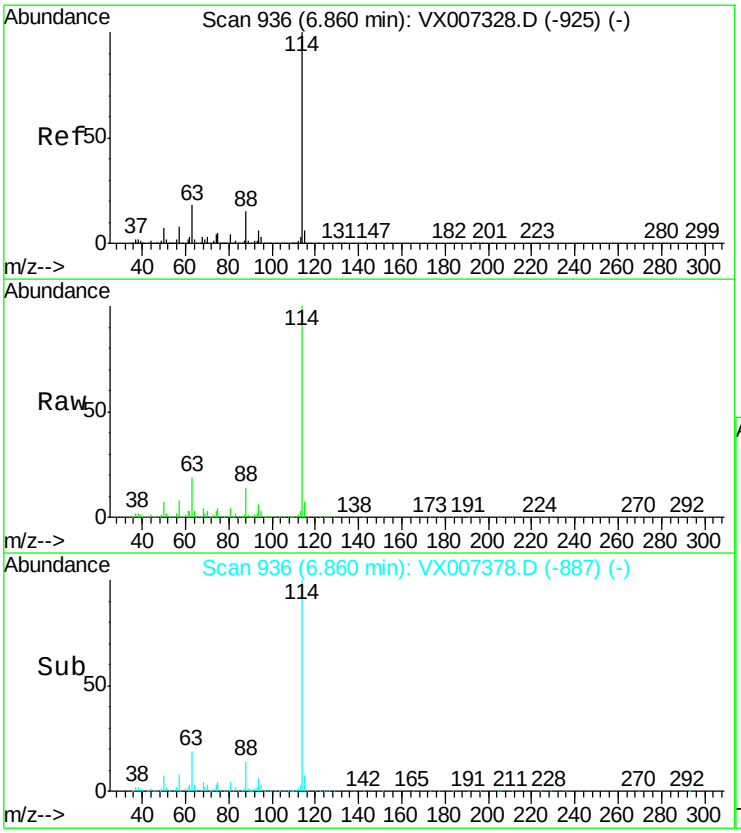
#33
1,2-Dichloroethane-d4
Concen: 51.585 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Tgt Ion: 65 Resp: 261964

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	108.8

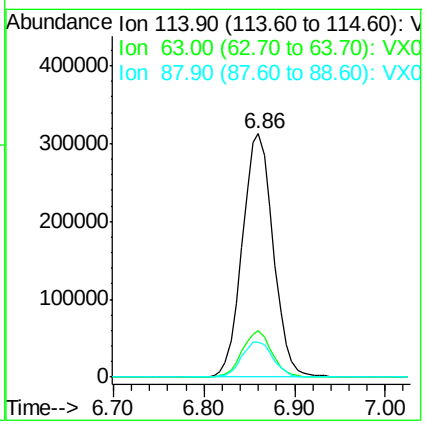


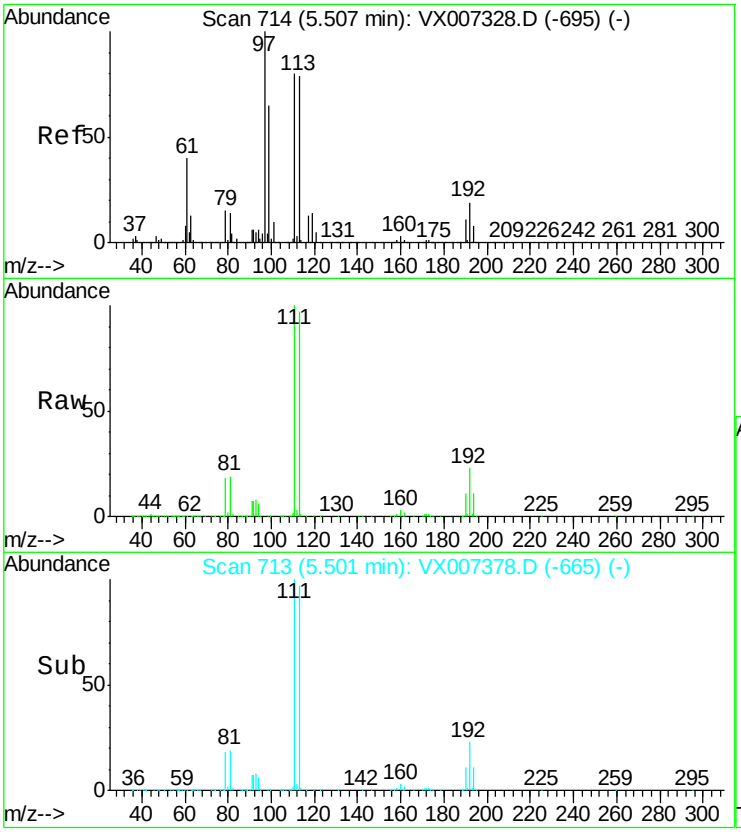


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion:114 Resp: 736195

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.6
88	14.2	0.0	29.6



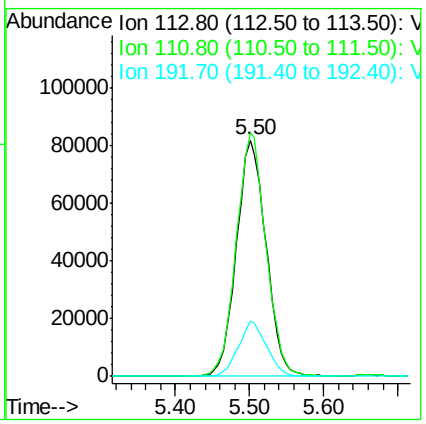


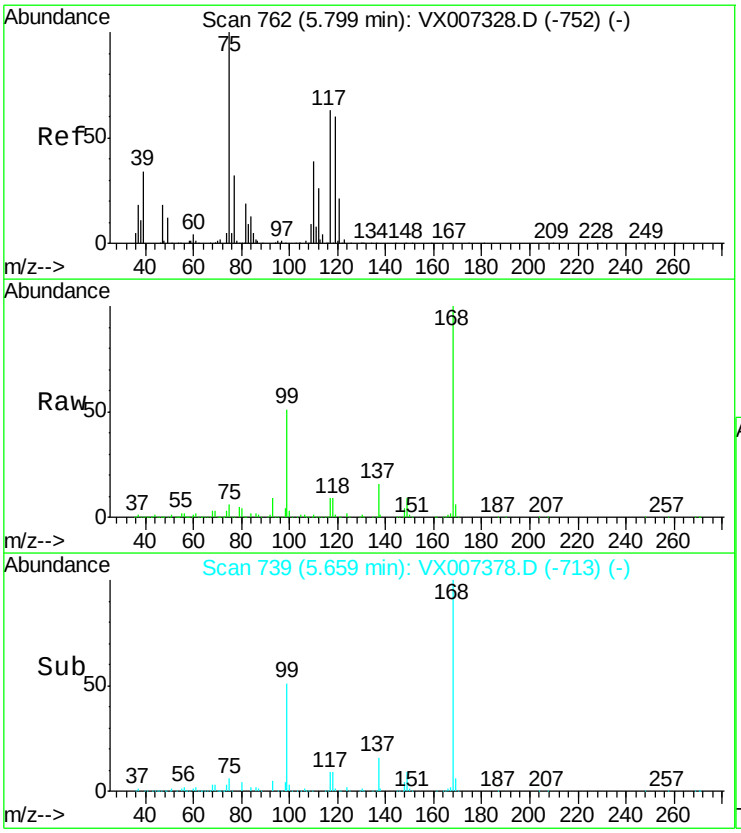
#35
Dibromofluoromethane
Concen: 47.845 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion:113 Resp: 229186

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	22.2	18.5	27.7

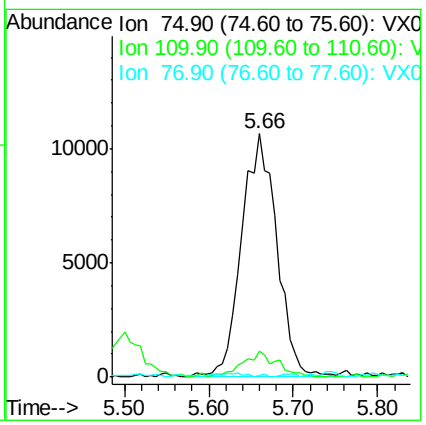


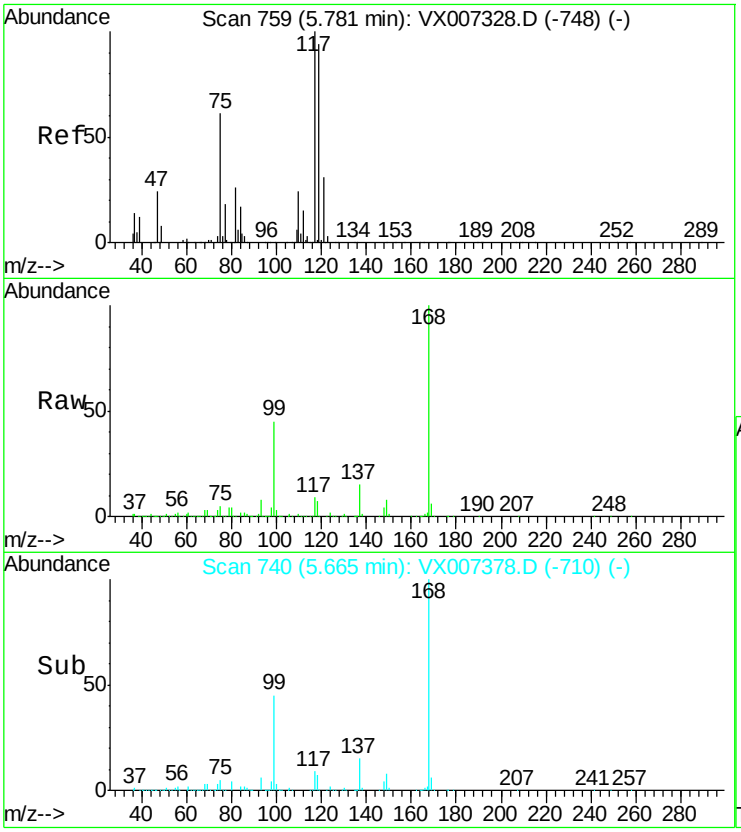


#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 75 Resp: 30277

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.0	59.9#
77	0.3	24.7	37.1#



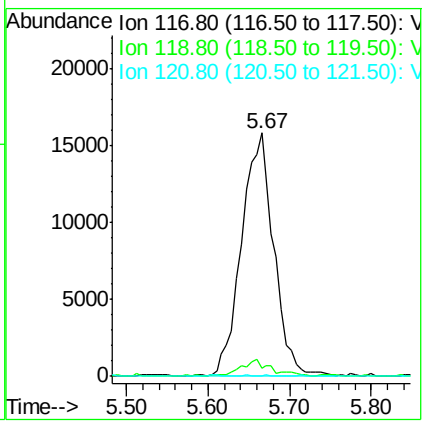


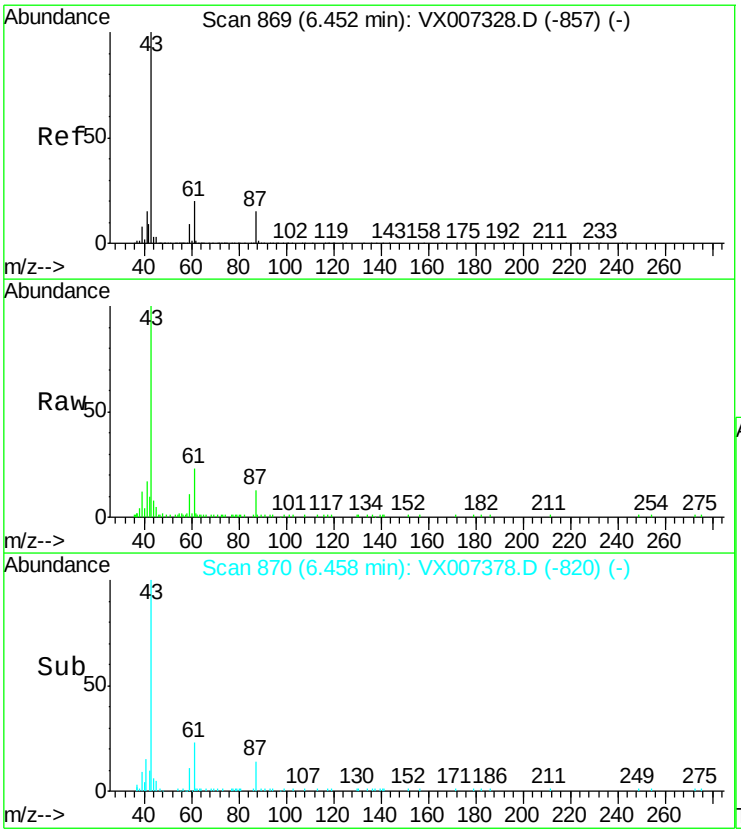
#38
Carbon Tetrachloride
Concen: 6.790 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Tgt Ion:117 Resp: 43514

Ion	Ratio	Lower	Upper
117	100		
119	2.7	75.3	112.9#
121	0.0	25.0	37.4#

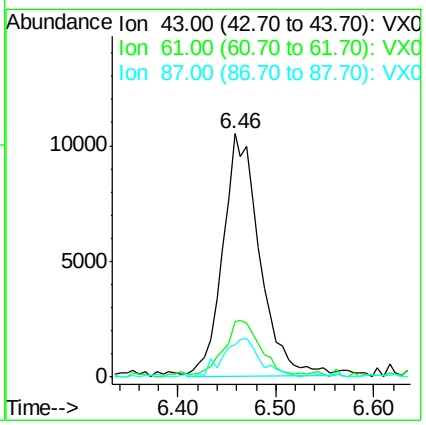


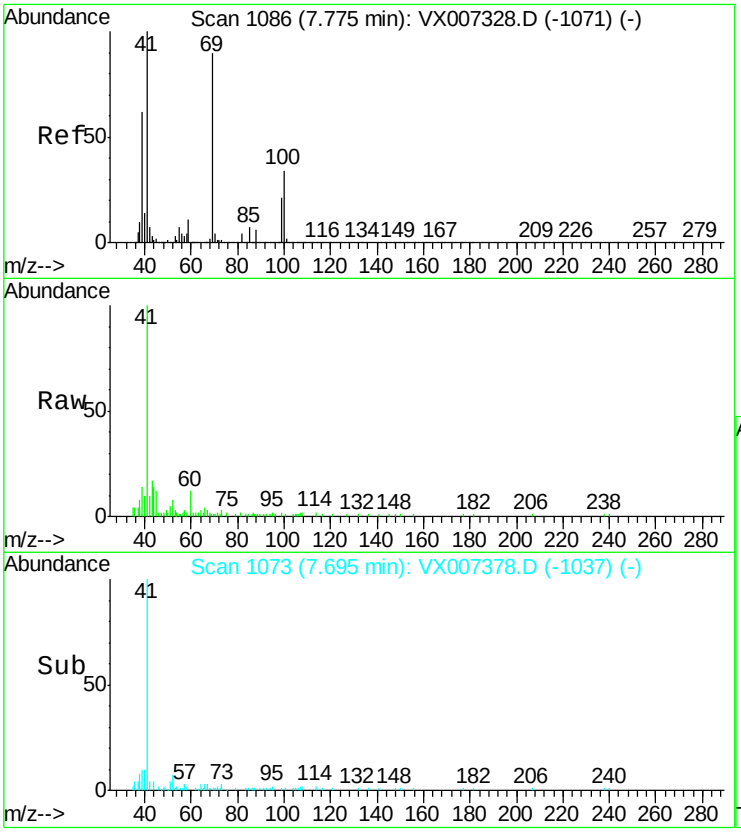


#43
Isopropyl Acetate
Concen: 2.655 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 43 Resp: 27361

Ion	Ratio	Lower	Upper
43	100		
61	23.4	16.1	24.1
87	16.1	11.5	17.3



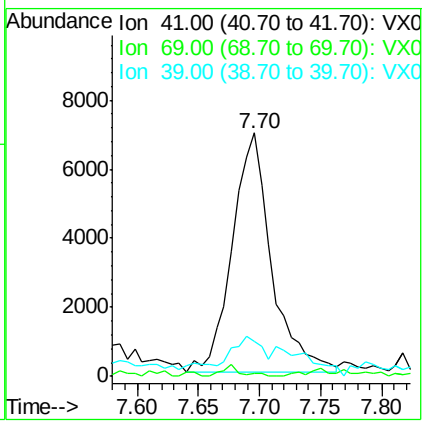


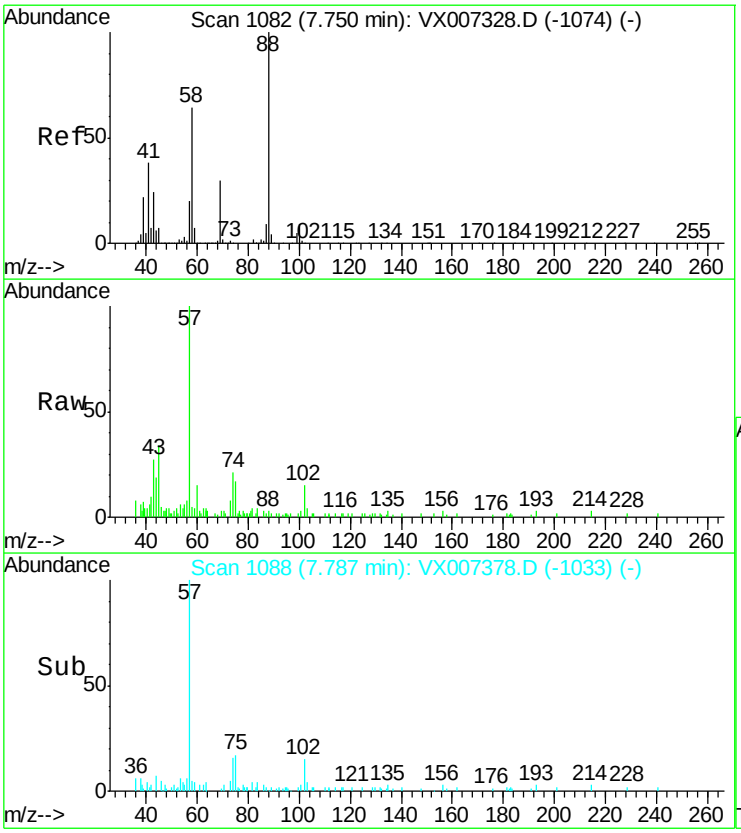
#48
Methyl methacrylate
Concen: 2.995 ug/l
RT: 7.70 min Scan# 1073
Delta R.T. -0.08 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Tgt Ion: 41 Resp: 15439

Ion	Ratio	Lower	Upper
41	100		
69	1.9	70.2	105.4#
39	0.0	47.4	71.0#

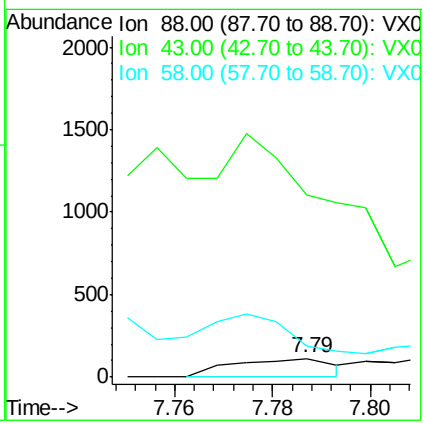


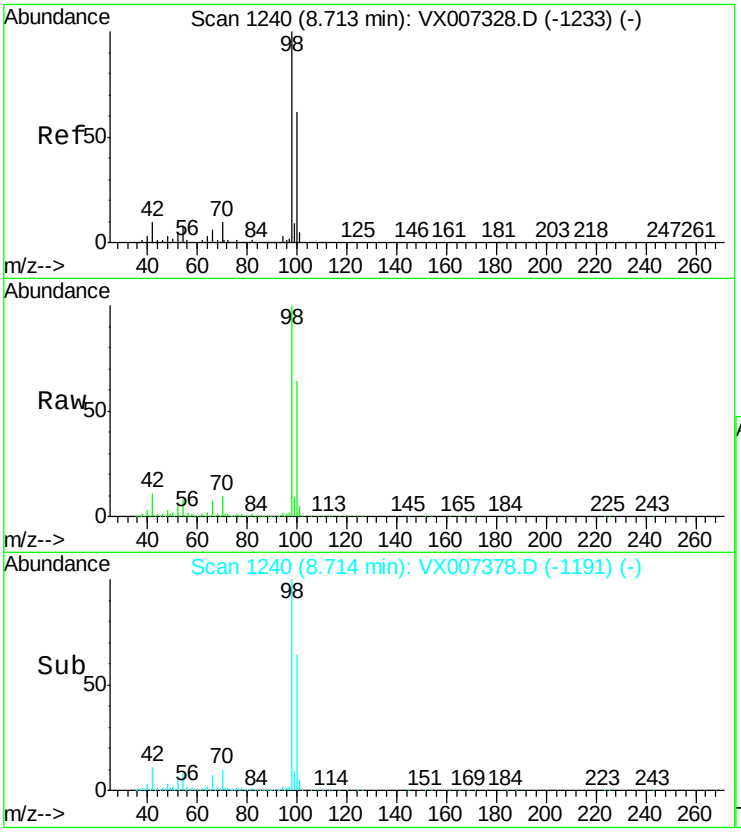


#49
1,4-Dioxane
Concen: 8.243 ug/l
RT: 7.79 min Scan# 1088
Delta R.T. 0.04 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 88 Resp: 161

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	236.6	53.0	79.4#



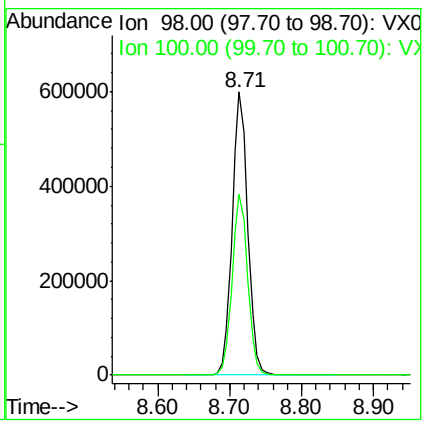


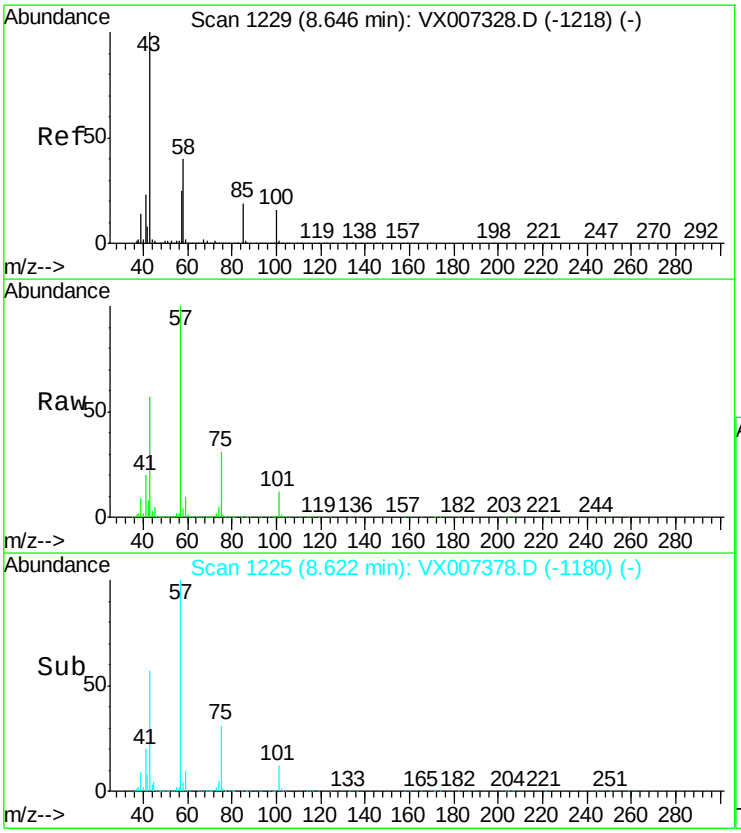
#50
Toluene-d8
Concen: 51.034 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument : MSVOA_X
ClientSampleId : PB116824ZHE#04

Tgt Ion: 98 Resp: 906985

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4

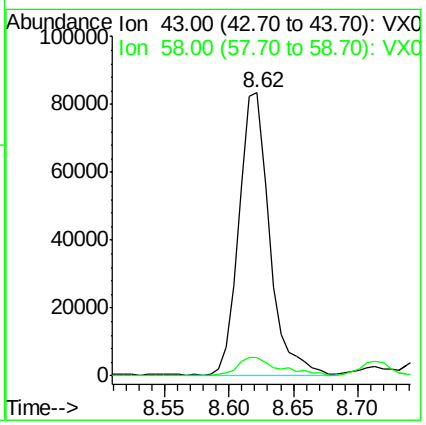


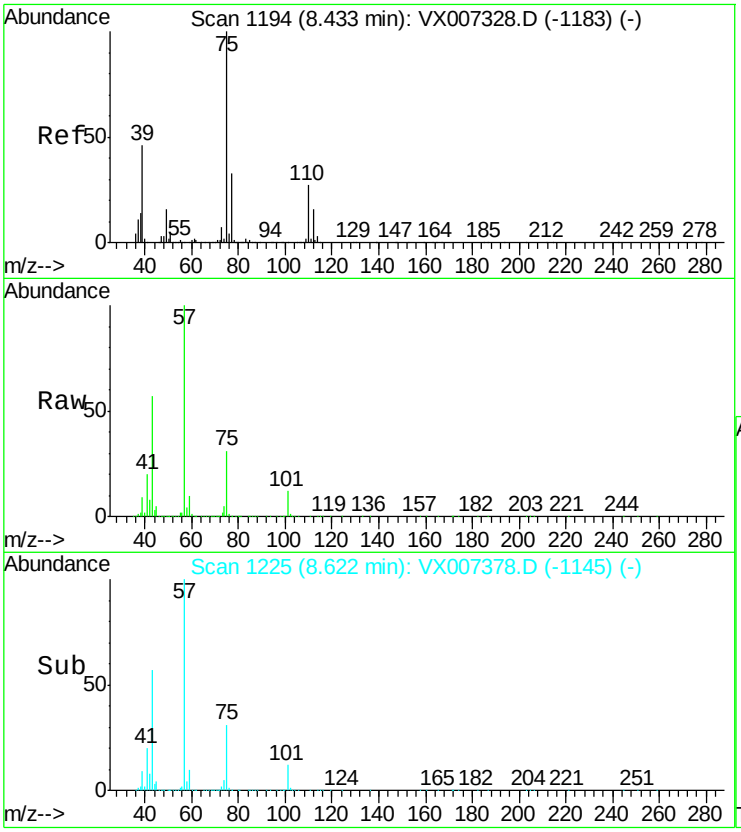


#51
4-Methyl-2-Pentanone
Concen: 20.098 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 43 Resp: 136364

Ion	Ratio	Lower	Upper
43	100		
58	8.9	31.2	46.8#



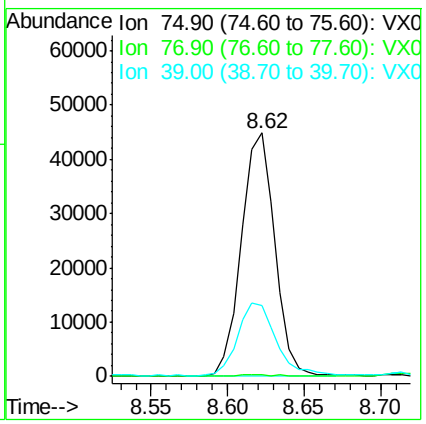


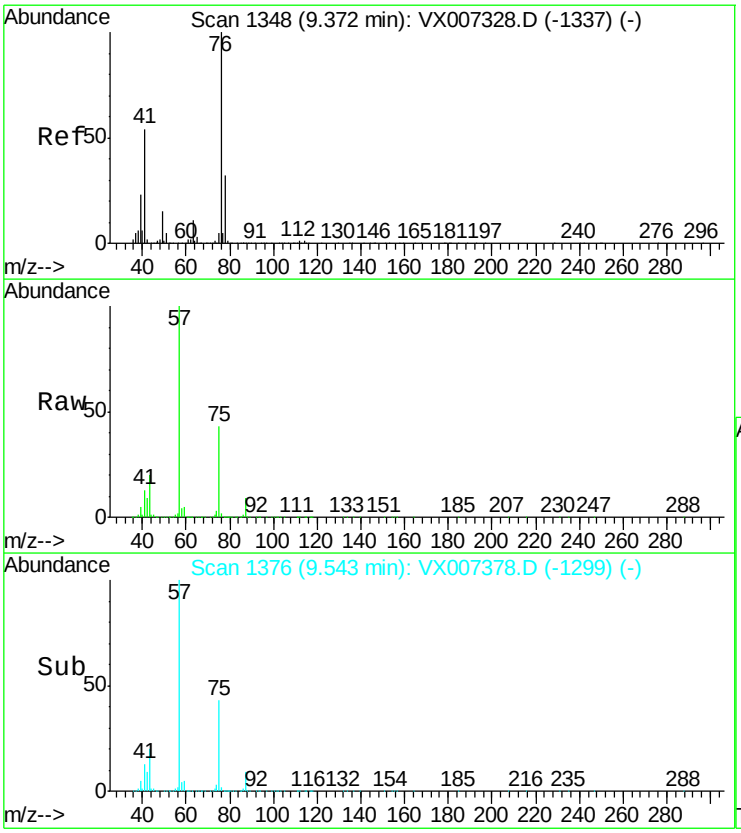
#54
cis-1,3-Dichloropropene
Concen: 9.570 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 75 Resp: 67881

Ion	Ratio	Lower	Upper
75	100		
77	0.3	26.2	39.4#
39	28.5	37.1	55.7#

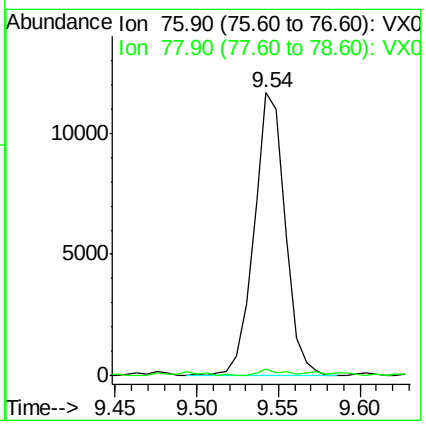


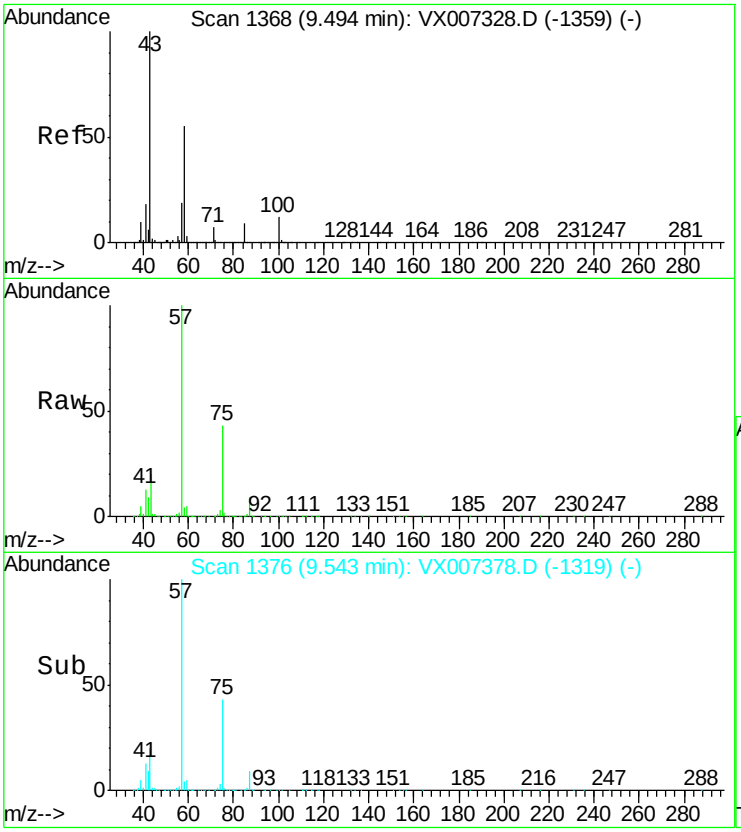


#57
1,3-Dichloropropane
Concen: 1.850 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 76 Resp: 15392

Ion	Ratio	Lower	Upper
76	100		
78	1.8	25.8	38.8#



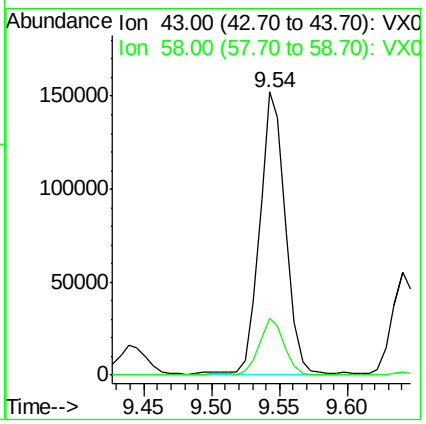


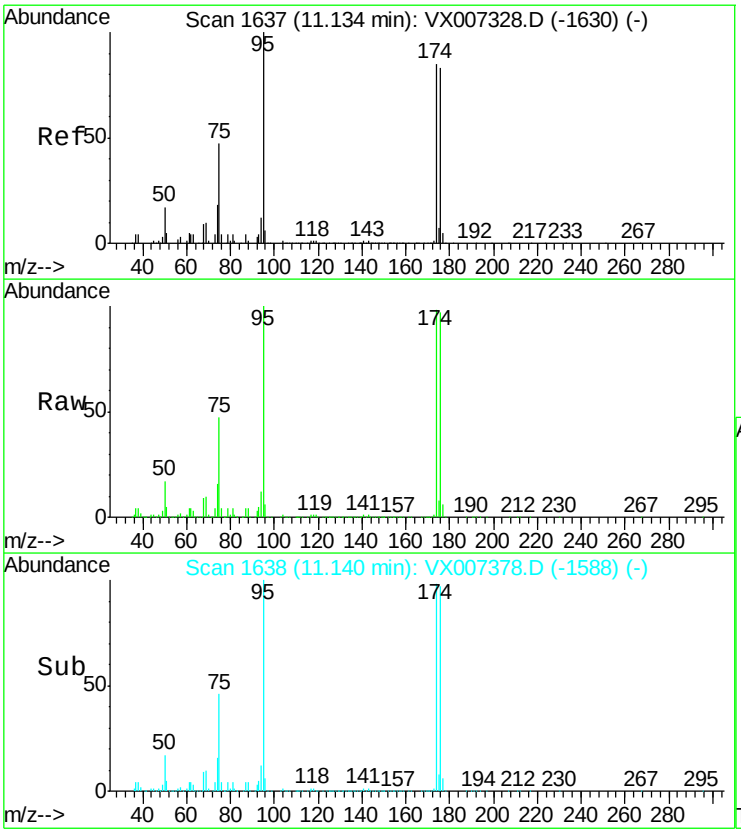
#59
2-Hexanone
Concen: 38.315 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 43 Resp: 202293

Ion	Ratio	Lower	Upper
43	100		
58	20.3	27.1	81.3#

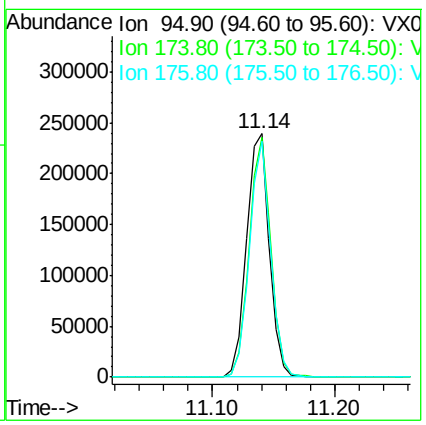


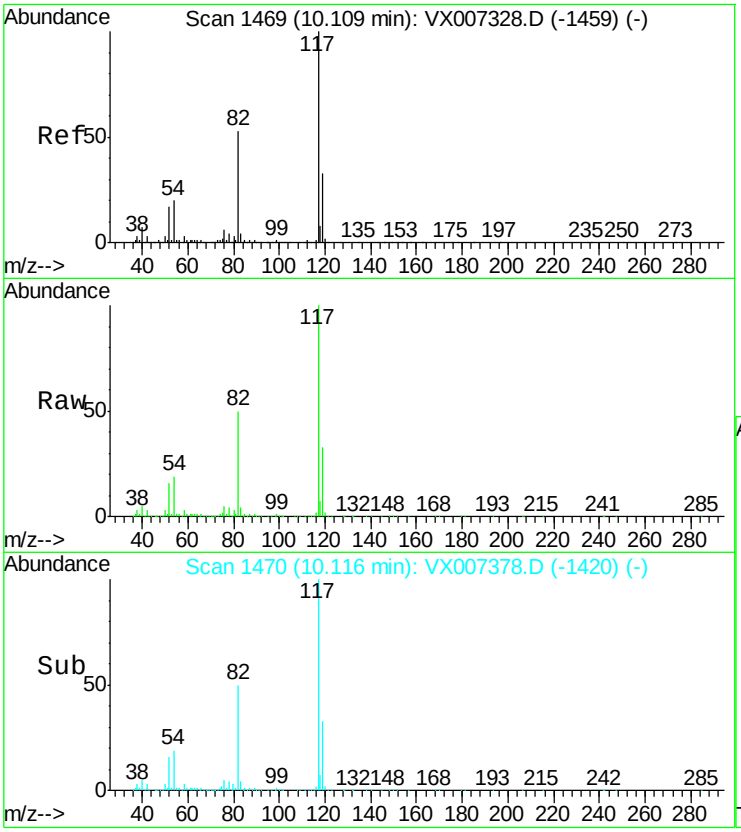


#62
4-Bromofluorobenzene
Concen: 47.847 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion: 95 Resp: 310463

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	189.2
176	91.0	0.0	186.2



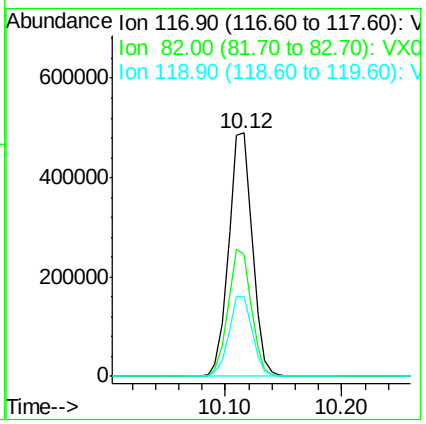


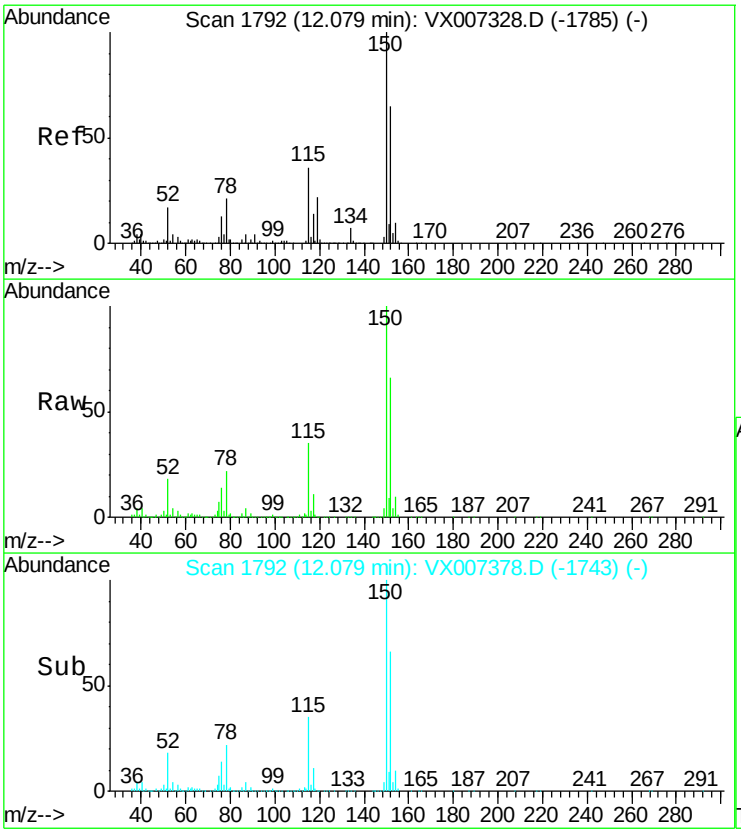
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion:117 Resp: 692659

Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.1	63.1
119	32.6	26.5	39.7

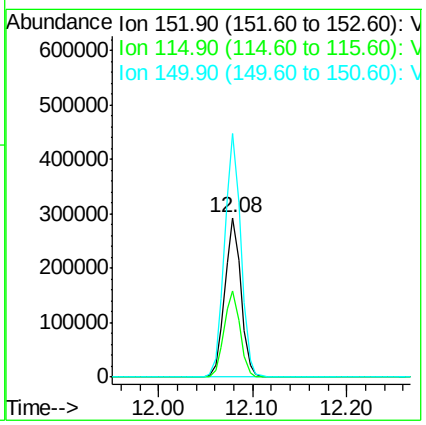


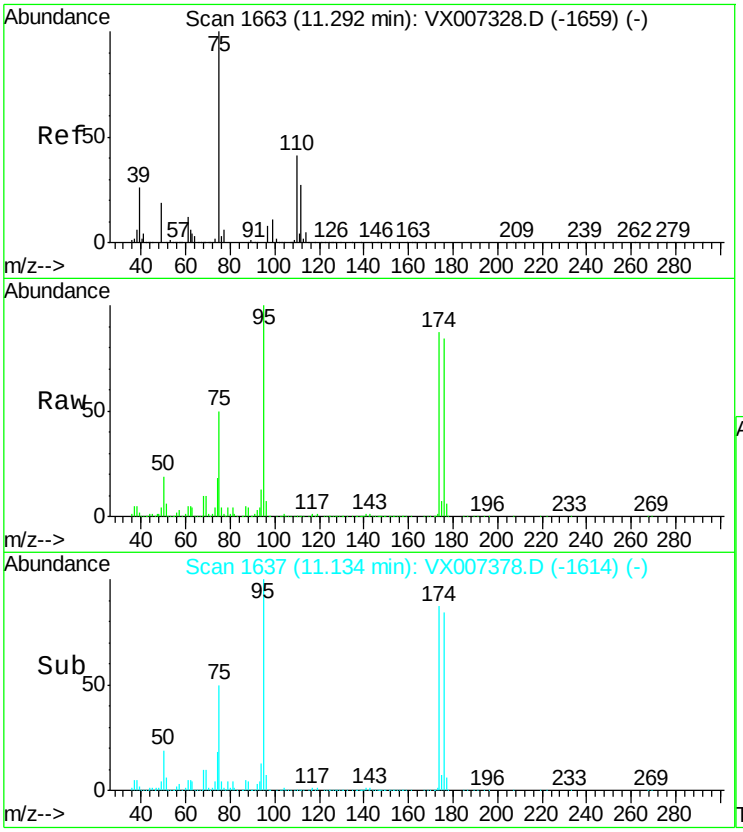


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion:152 Resp: 347834

Ion	Ratio	Lower	Upper
152	100		
115	53.6	38.0	114.0
150	154.0	0.0	346.4



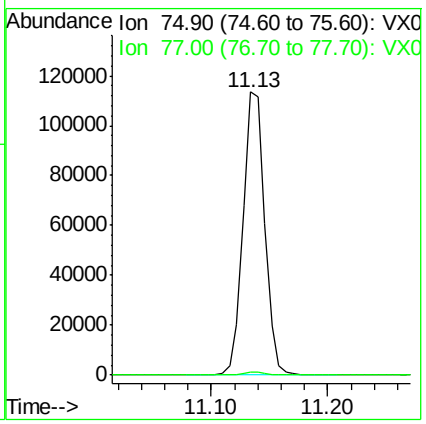


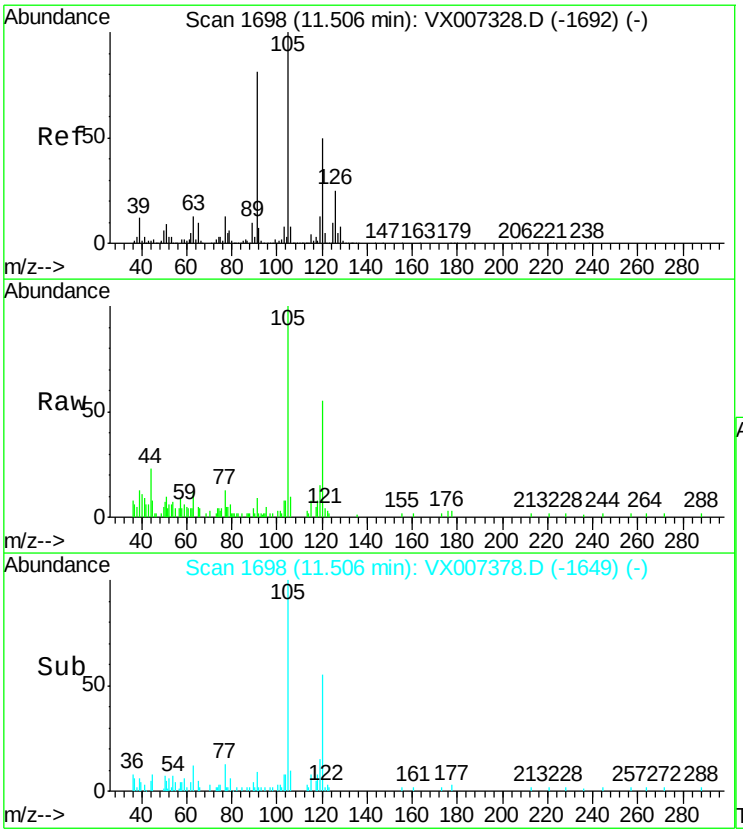
#76
1,2,3-Trichloropropane
Concen: 21.934 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 75 Resp: 148402

Ion	Ratio	Lower	Upper
75	100		
77	1.4	23.0	69.0#

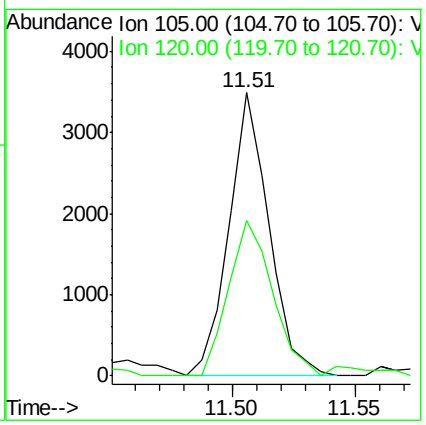


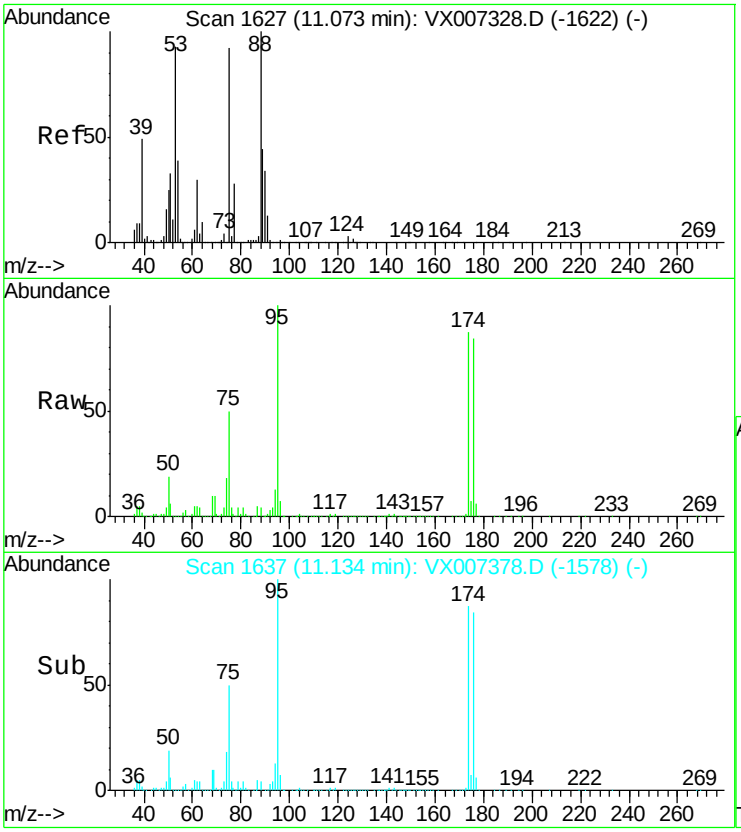


#80
1,3,5-Trimethylbenzene
Concen: 0.205 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Tgt Ion:105 Resp: 3961

Ion	Ratio	Lower	Upper
105	100		
120	60.6	25.3	75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 66.291 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007378.D
Acq: 05 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#04

Tgt Ion: 75 Resp: 148402

Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.0	121.6#
89	0.2	41.4	62.0#