Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005203.D
Acq On : 10 Oct 2018 11:54
Operator : JC/MD
Sample : J5303-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-DUP06-20181003

Quant Time: Oct 10 13:57:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	171598	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	271616	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	271752	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156045	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	132737	54.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.30%				
35) Dibromofluoromethane	5.50	113	112419	48.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.68%				
50) Toluene-d8	8.72	98	401766	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
62) 4-Bromofluorobenzene	11.14	95	144023	52.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.48%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	581	0.20	ug/l		98
6) Chloroethane	1.71	64	4099	0.52	ug/l	#	45
11) Tert butyl alcohol	3.07	59	512	0.75	ug/l	#	59
12) 1,1-Dichloroethene	2.37	96	1335	0.72	ug/l		95
13) Acrolein	2.29	56	134	0.27	ug/l	#	47
16) Acetone	2.45	43	4436	3.10	ug/l		96
17) Carbon Disulfide	2.57	76	1236	0.22	ug/l		97
20) Methylene Chloride	2.85	84	948	Below Cal		#	85
24) 1,1-Dichloroethane	3.70	63	32814	8.05	ug/l		99
25) 2-Butanone	4.71	43	556	0.26	ug/l	#	84
31) Cyclohexane	5.67	56	3428	1.10	ug/l	#	7
36) 1,1-Dichloropropene	5.67	75	11480	3.66	ug/l	#	46
38) Carbon Tetrachloride	5.66	117	14885	4.51	ug/l	#	17
56) Ethyl methacrylate	9.20	69	38	2.87	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	8.18	63	83	14.28	ug/l	#	49
60) Dibromochloromethane	9.34	129	1455	0.61	ug/l	#	10
64) Tetrachloroethene	9.34	164	1556	0.58	ug/l		92
74) N-amyl acetate	10.91	43	108	1.77	ug/l	#	43
76) 1,2,3-Trichloropropane	11.14	75	71531	20.45	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	203	Below Cal			66
81) trans-1,4-Dichloro-2-buten	11.14	75	71531	55.55	ug/l	#	10
83) tert-Butylbenzene	11.77	119	1693	0.21	ug/l		88
84) 1,2,4-Trimethylbenzene	11.81	105	386	Below Cal			81
85) sec-Butylbenzene	11.94	105	9391	0.95	ug/l		79
91) 1,2-Dichlorobenzene	12.40	146	2829	0.51	ug/l		95
95) Naphthalene	13.83	128	636	0.77	ug/l	#	77

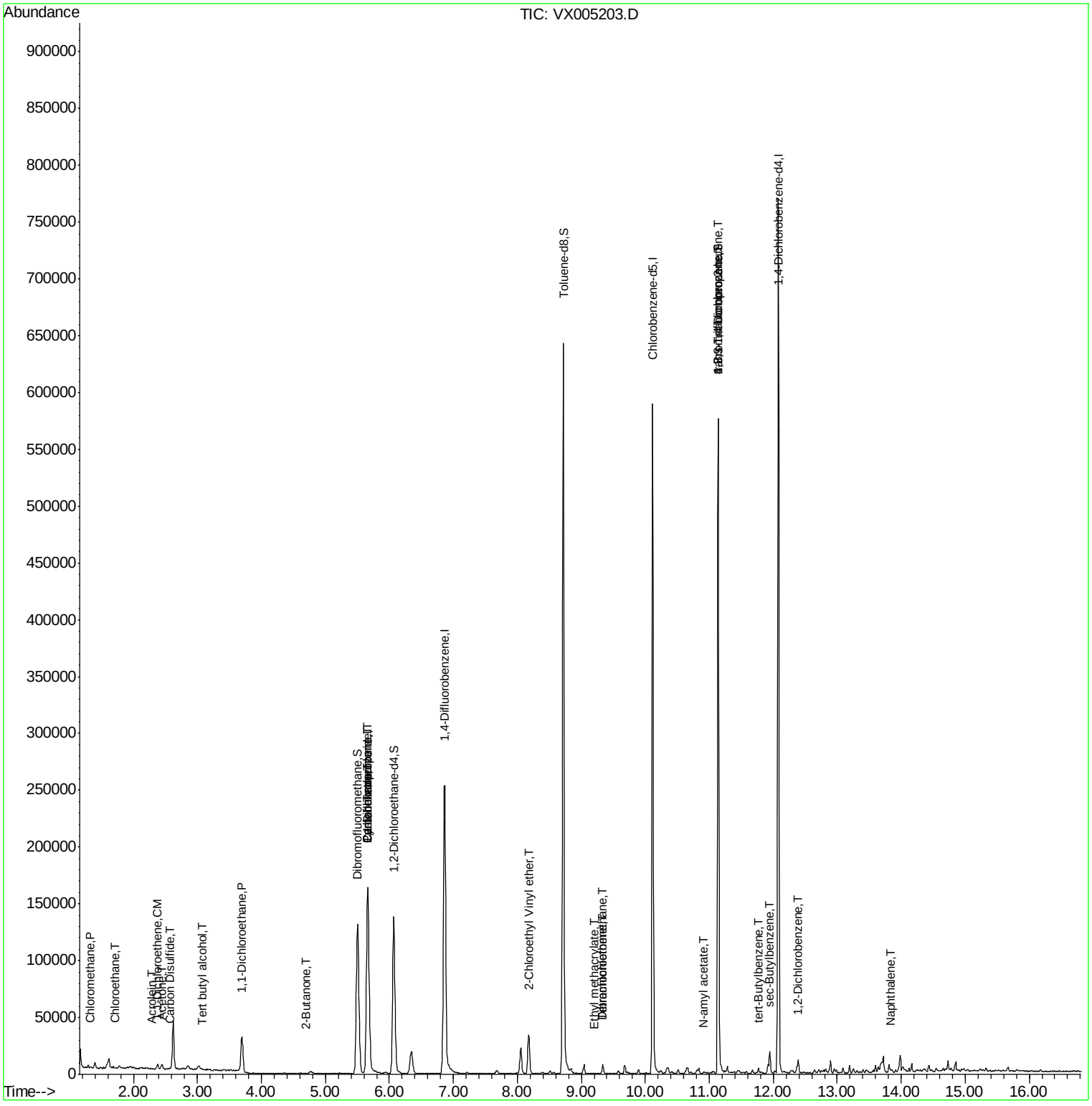
(#) = qualifier out of range (m) = manual integration (+) = signals summed

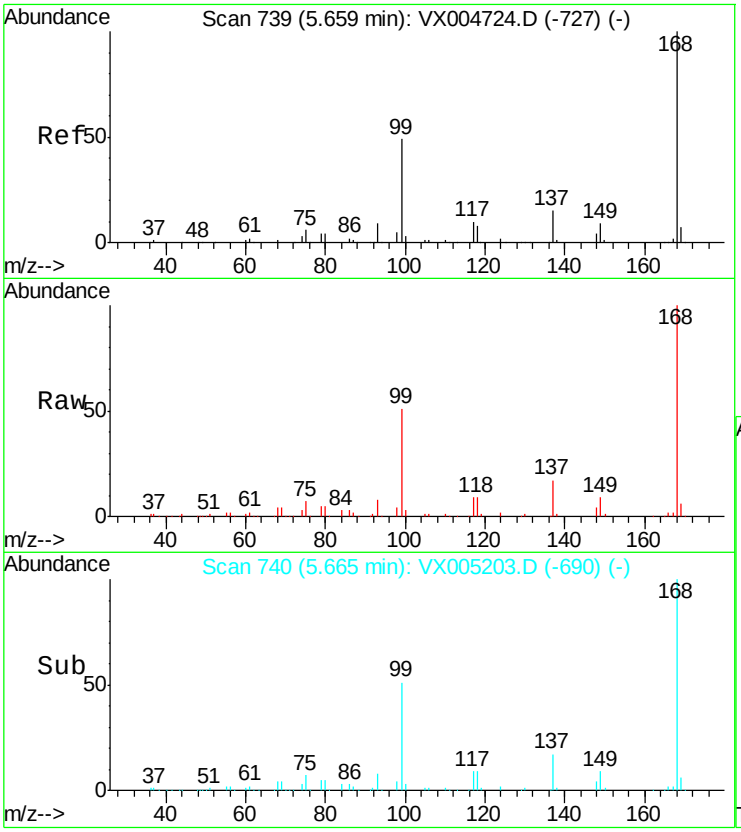
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005203.D
Acq On : 10 Oct 2018 11:54
Operator : JC/MD
Sample : J5303-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Quant Time: Oct 10 13:57:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



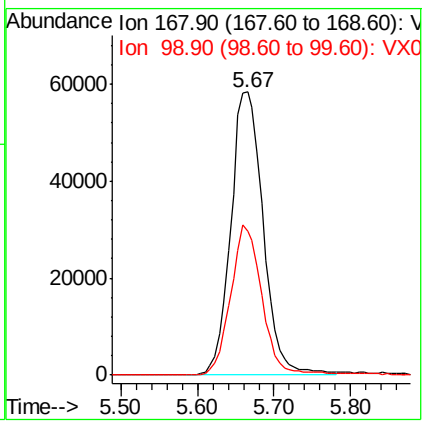


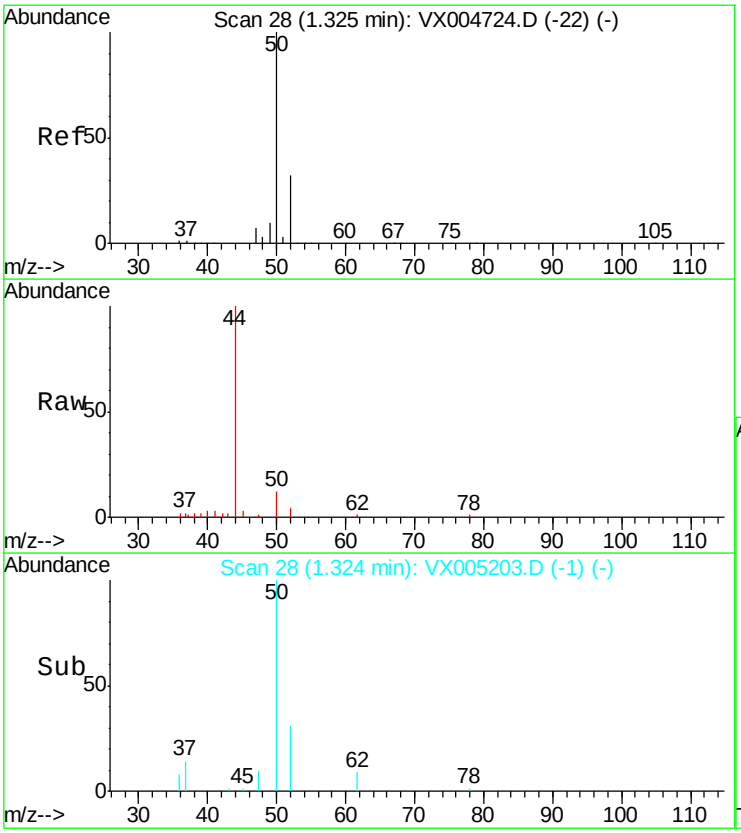
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:168 Resp: 171598

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.3	58.9

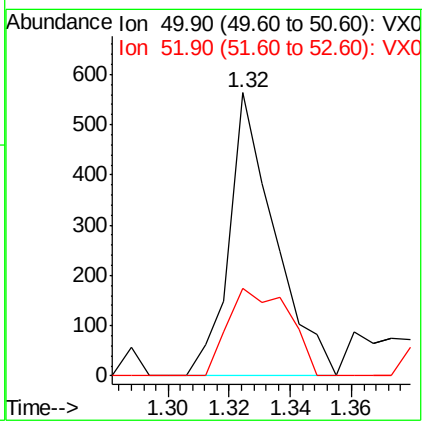


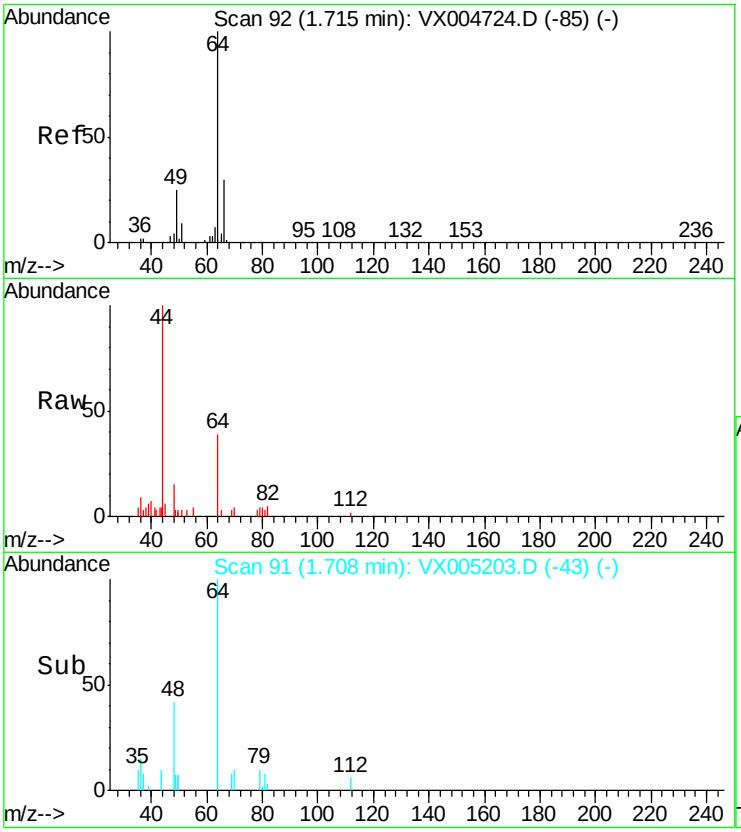


#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 50 Resp: 581

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.8	38.6



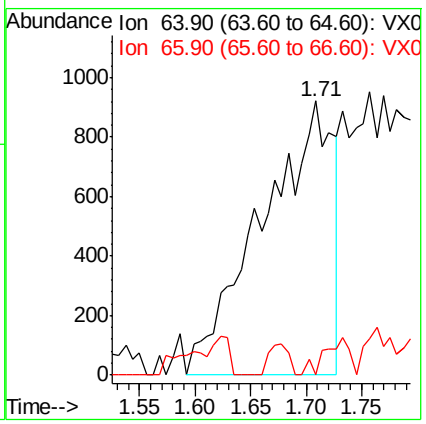


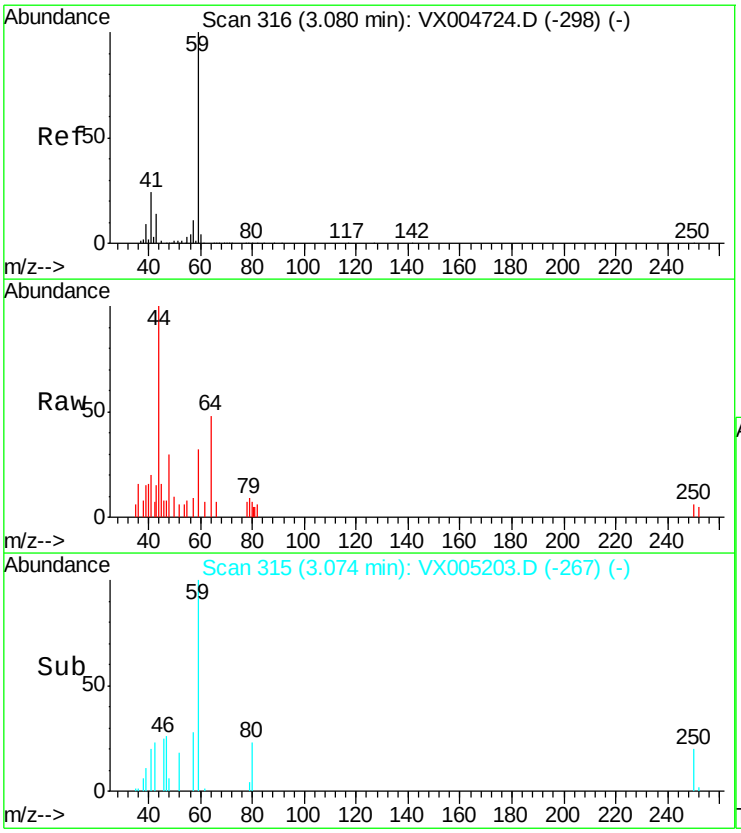
#6
Chloroethane
Concen: 0.52 ug/l
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 64 Resp: 4099

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#

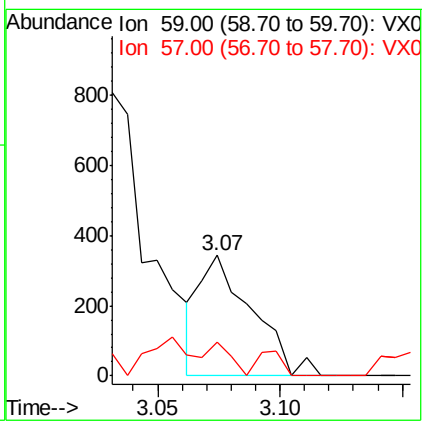


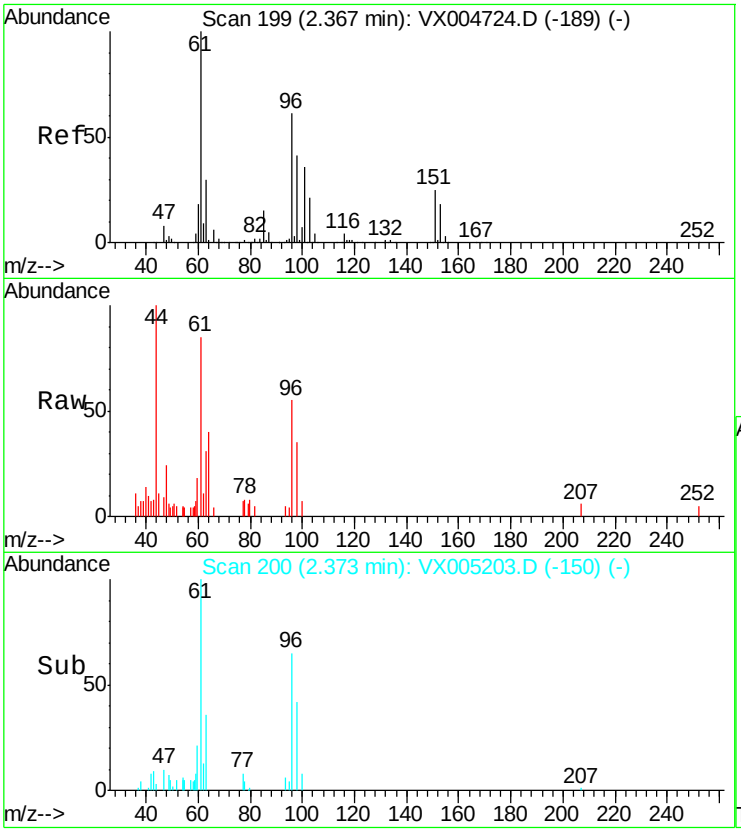


#11
Tert butyl alcohol
Concen: 0.75 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 59 Resp: 512

Ion	Ratio	Lower	Upper
59	100		
57	26.0	8.6	12.8#



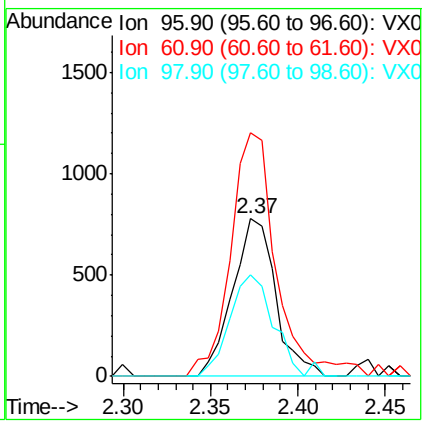


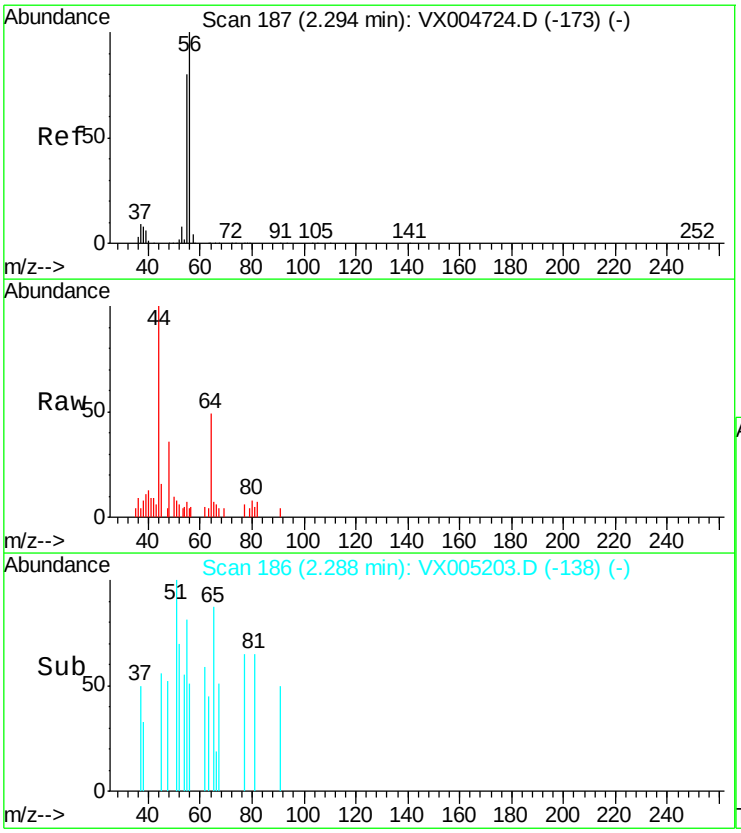
#12
1,1-Dichloroethene
Concen: 0.72 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 96 Resp: 1335

Ion	Ratio	Lower	Upper
96	100		
61	154.5	130.2	195.4
98	64.1	53.4	80.0

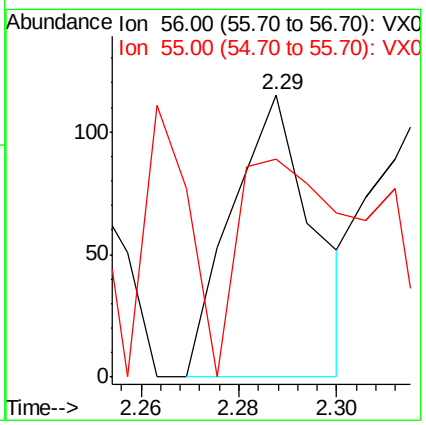


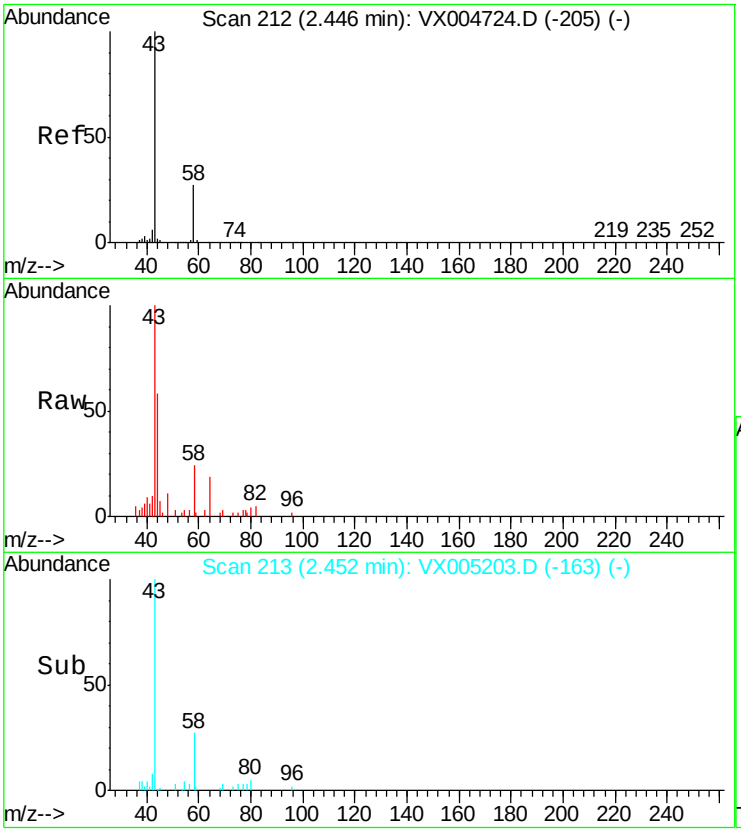


#13
Acrolein
Concen: 0.27 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 56 Resp: 134

Ion	Ratio	Lower	Upper
56	100		
55	126.1	63.4	95.2#



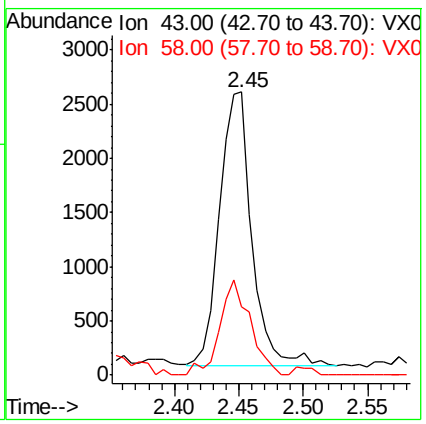


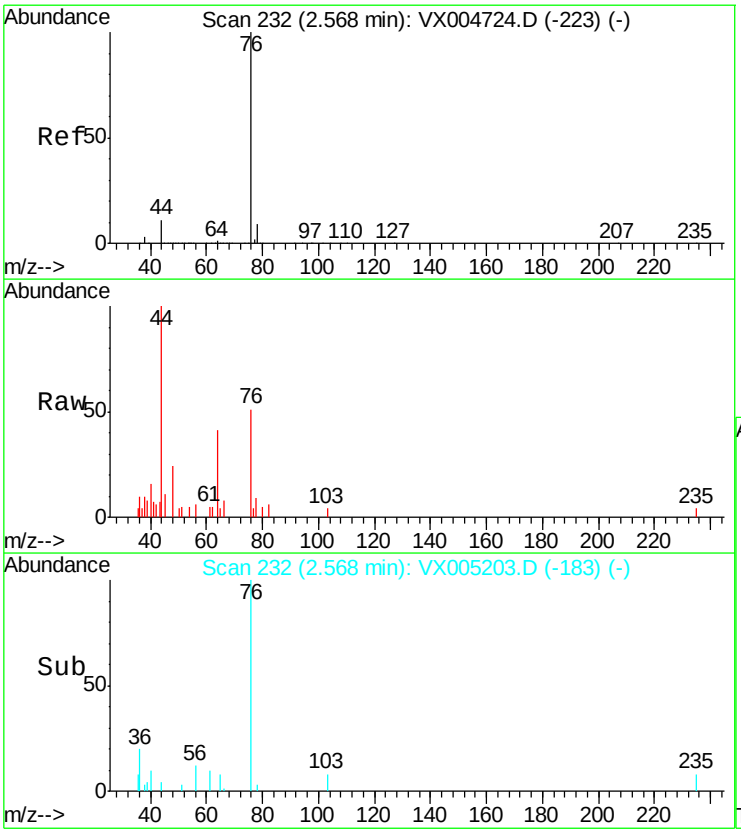
#16
Acetone
Concen: 3.10 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 43 Resp: 4436

Ion	Ratio	Lower	Upper
43	100		
58	25.1	21.8	32.6

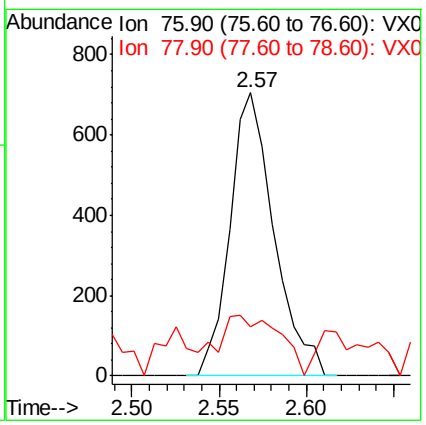


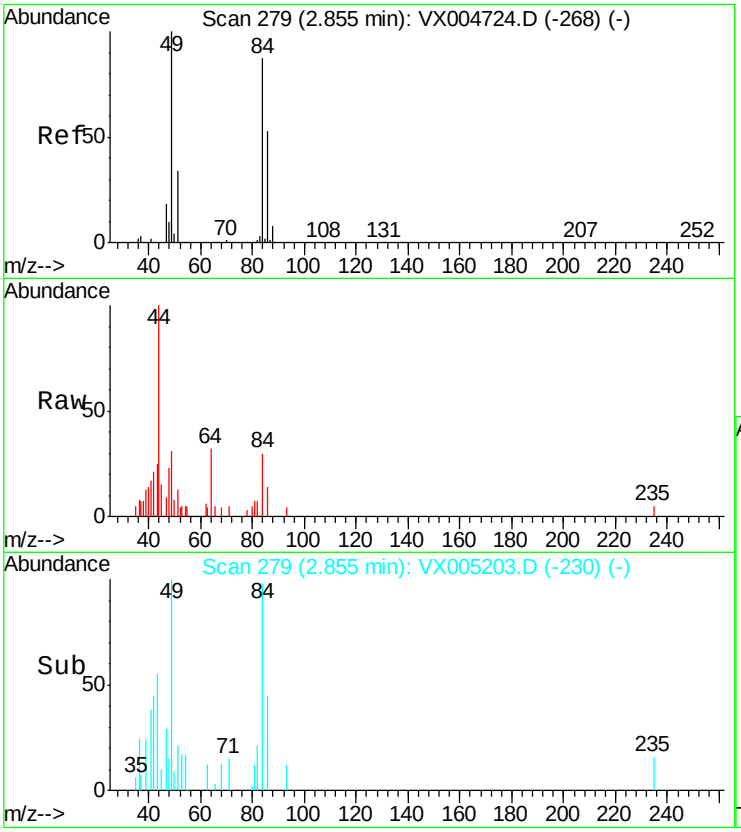


#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 76 Resp: 1236

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.0	10.6



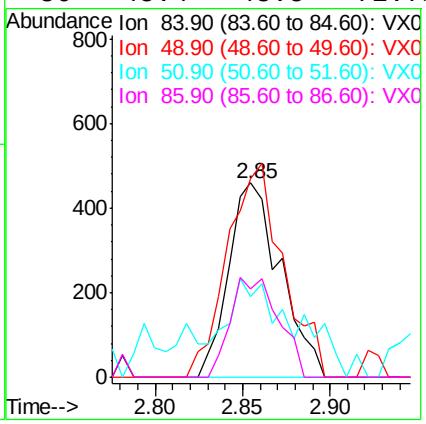


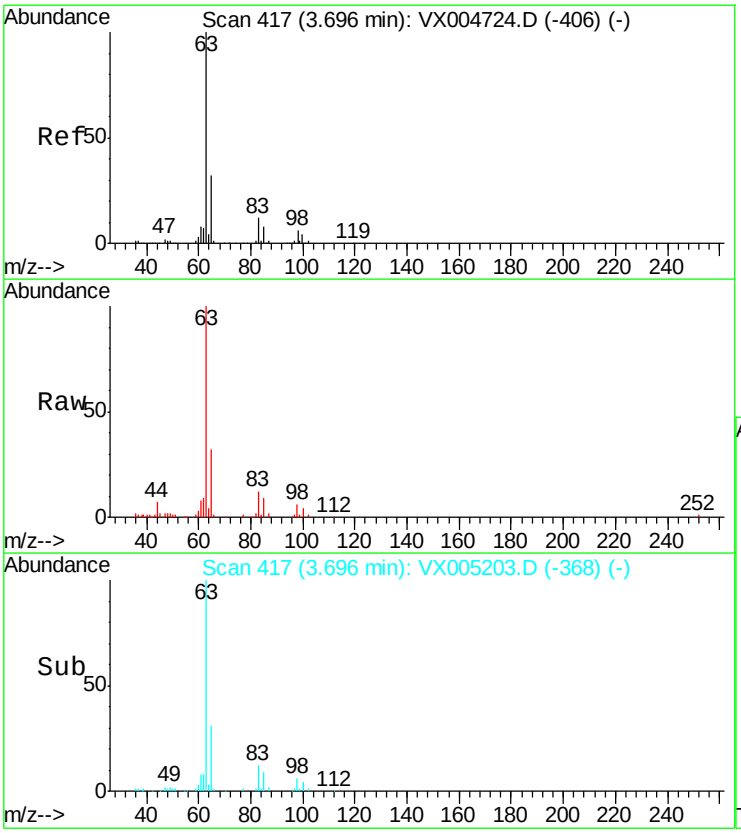
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 84 Resp: 948

Ion	Ratio	Lower	Upper
84	100		
49	101.7	92.3	138.5
51	29.1	31.8	47.6#
86	45.4	48.5	72.7#

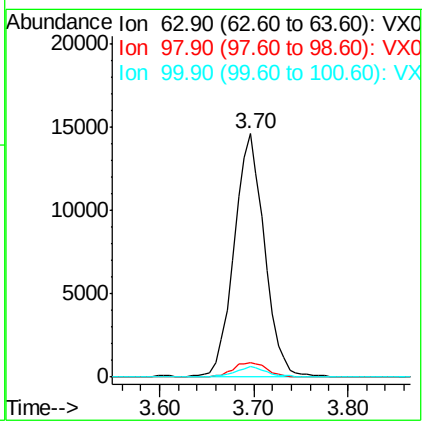


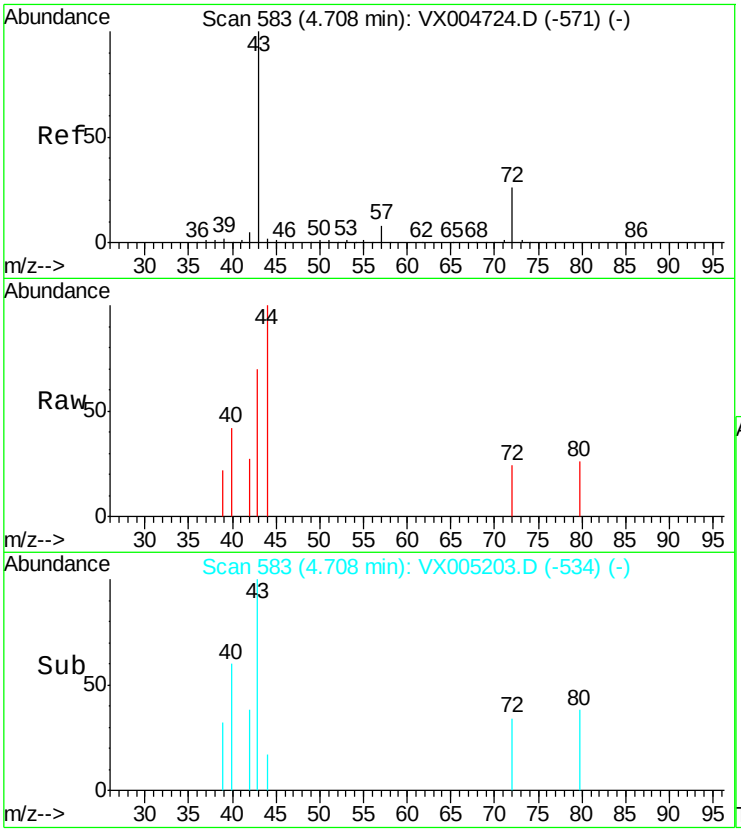


#24
1,1-Dichloroethane
Concen: 8.05 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 63 Resp: 32814

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.0	9.2
100	4.4	2.0	5.8



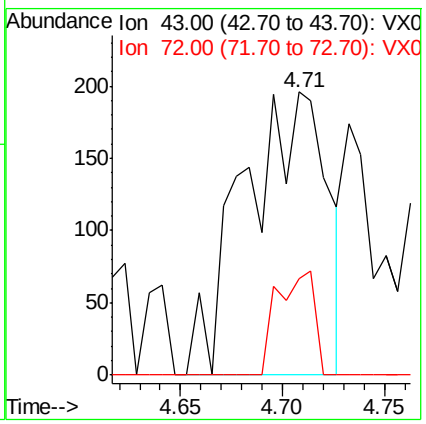


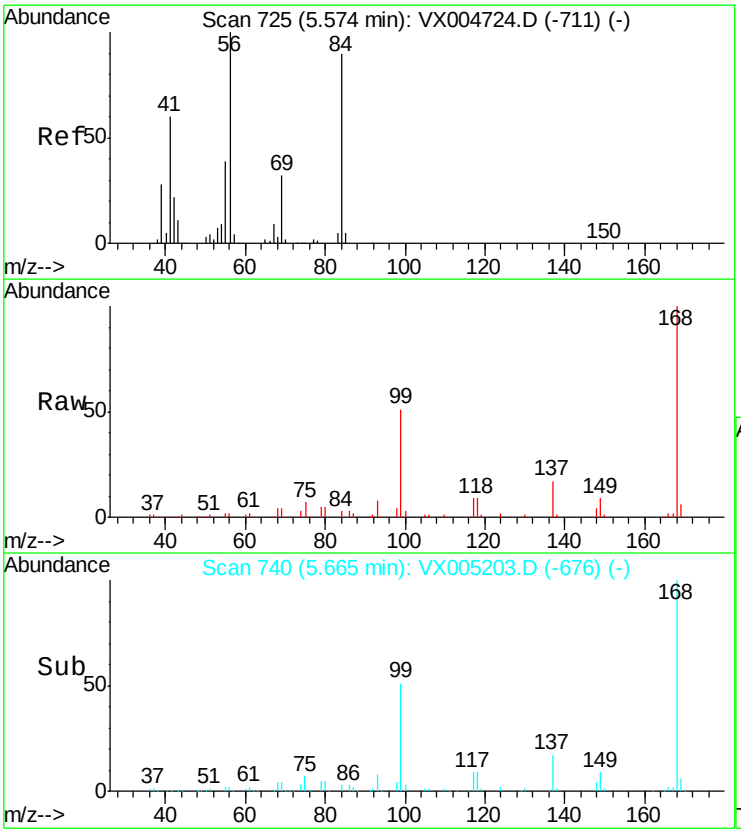
#25
2-Butanone
Concen: 0.26 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 43 Resp: 556

Ion	Ratio	Lower	Upper
43	100		
72	34.2	20.8	31.2#

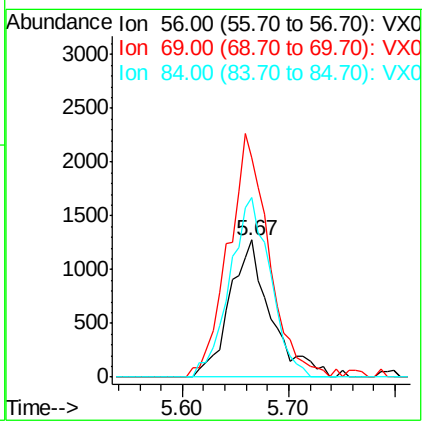


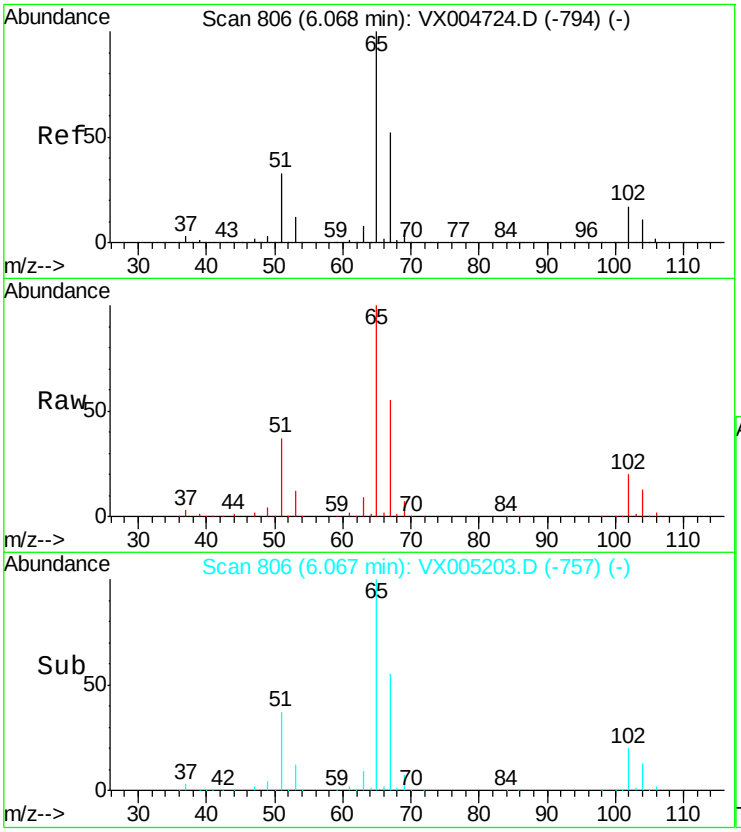


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 56 Resp: 3428

Ion	Ratio	Lower	Upper
56	100		
69	160.6	25.9	38.9#
84	131.5	71.9	107.9#



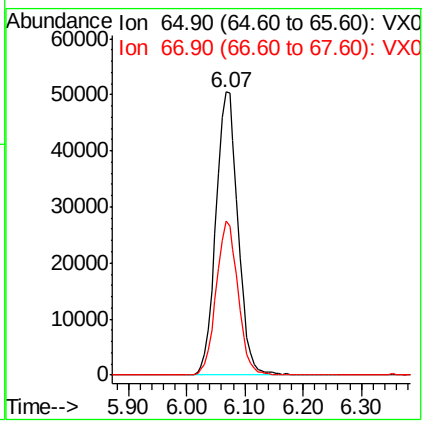


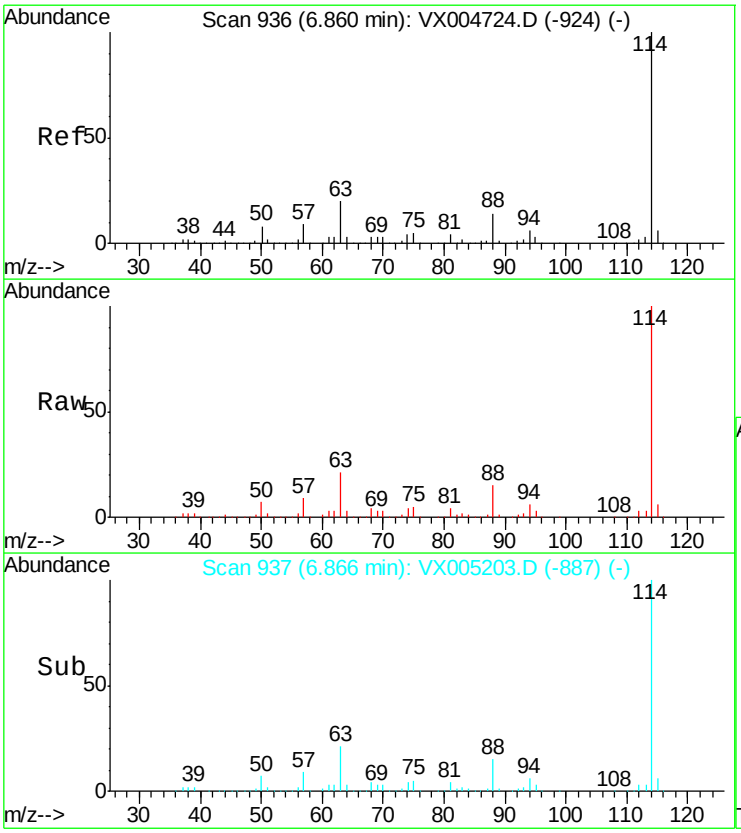
#33
1,2-Dichloroethane-d4
Concen: 54.15 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 65 Resp: 132737

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.4

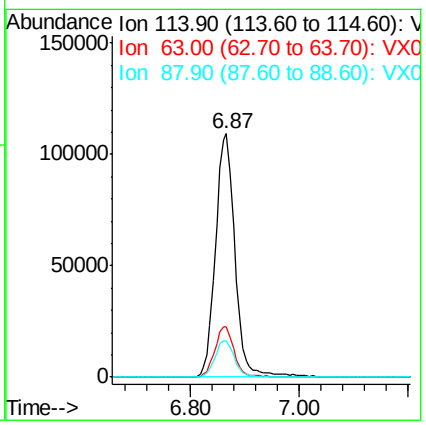


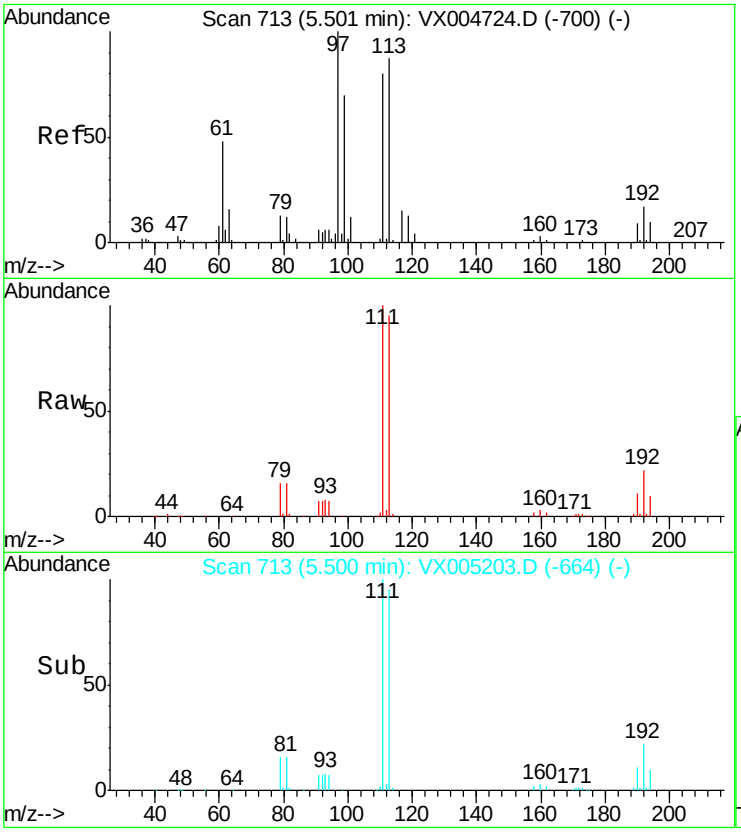


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion:114 Resp: 271616

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	15.0	0.0	27.0



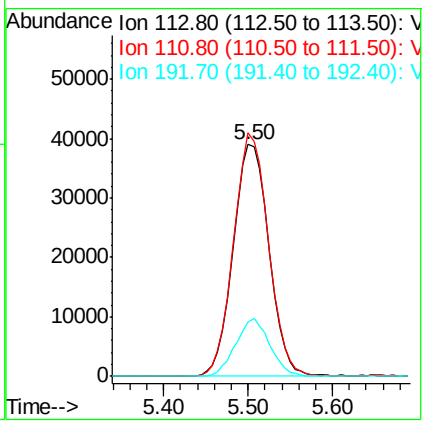


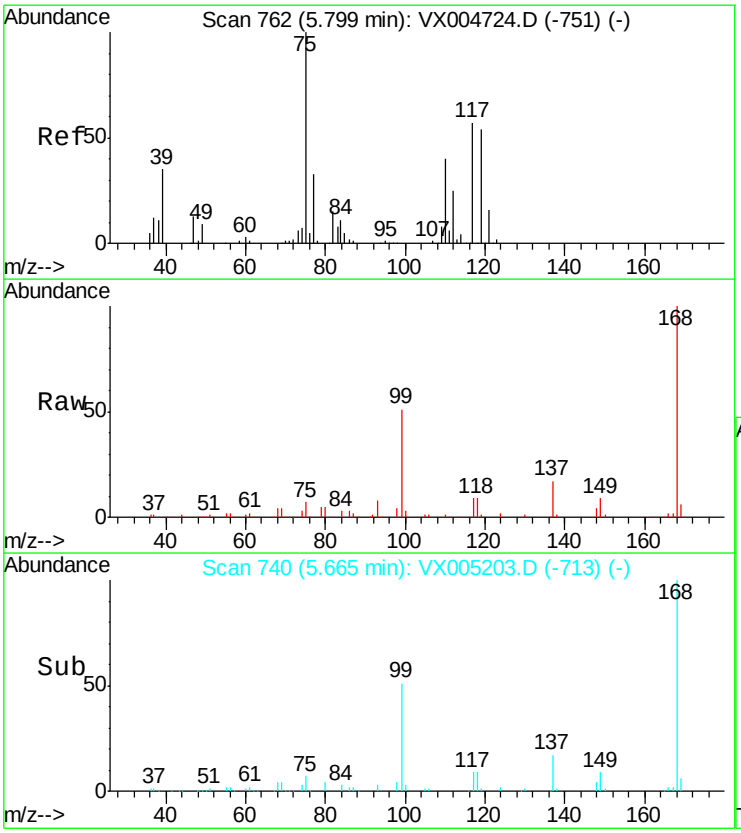
#35
Dibromofluoromethane
Concen: 48.84 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:113 Resp: 112419

Ion	Ratio	Lower	Upper
113	100		
111	102.0	77.0	115.4
192	23.8	17.0	25.6

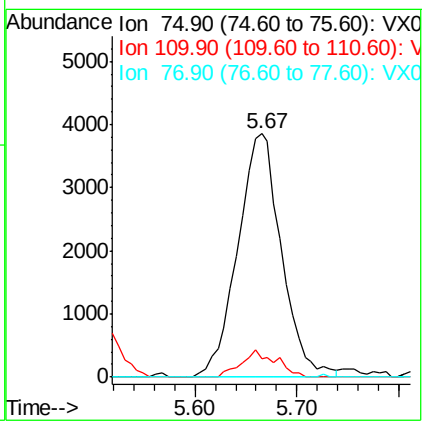


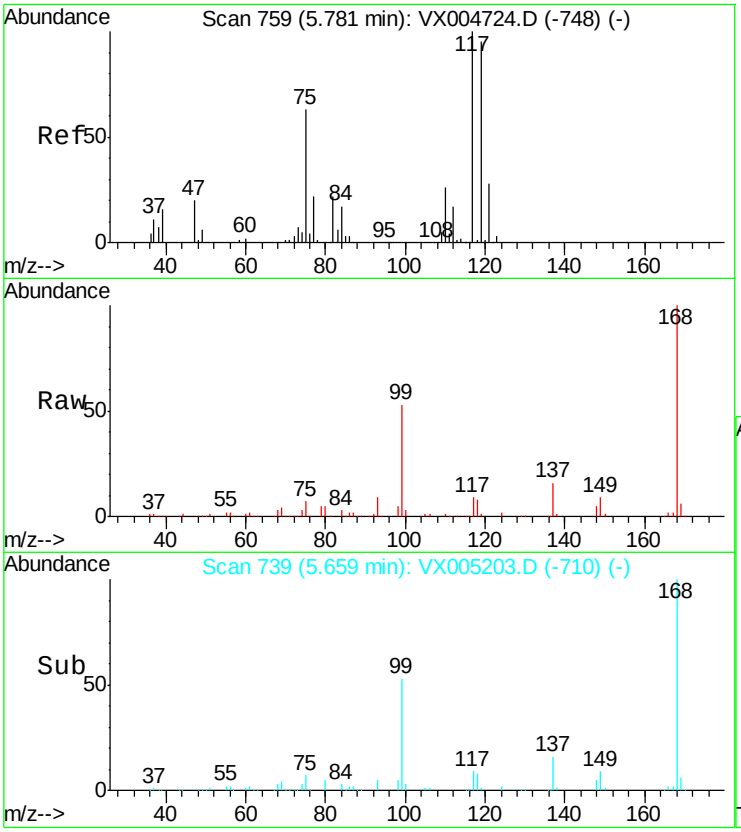


#36
1,1-Dichloropropene
Concen: 3.66 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 75 Resp: 11480

Ion	Ratio	Lower	Upper
75	100		
110	8.8	20.0	59.9#
77	0.0	27.1	40.7#



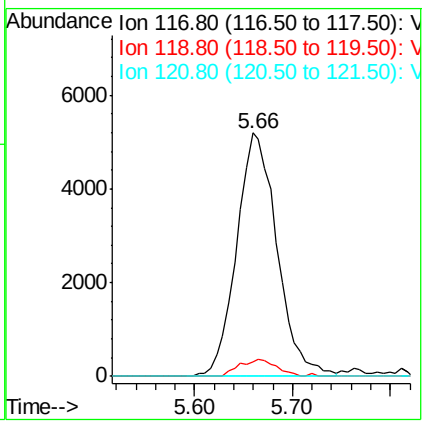


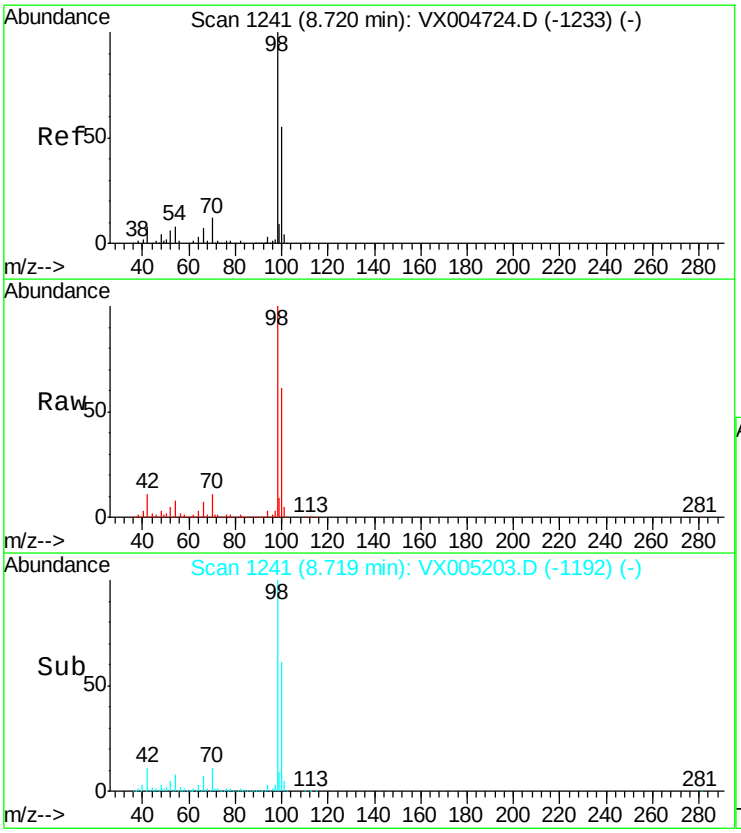
#38
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:117 Resp: 14885

Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.2	112.8#
121	0.0	22.5	33.7#

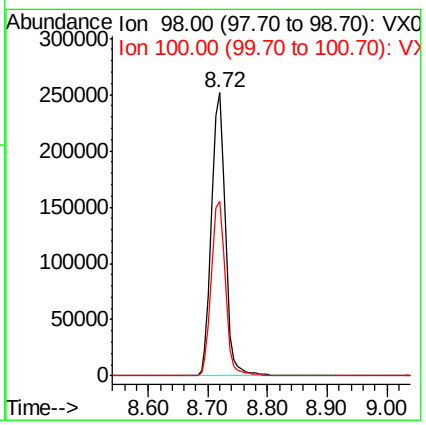


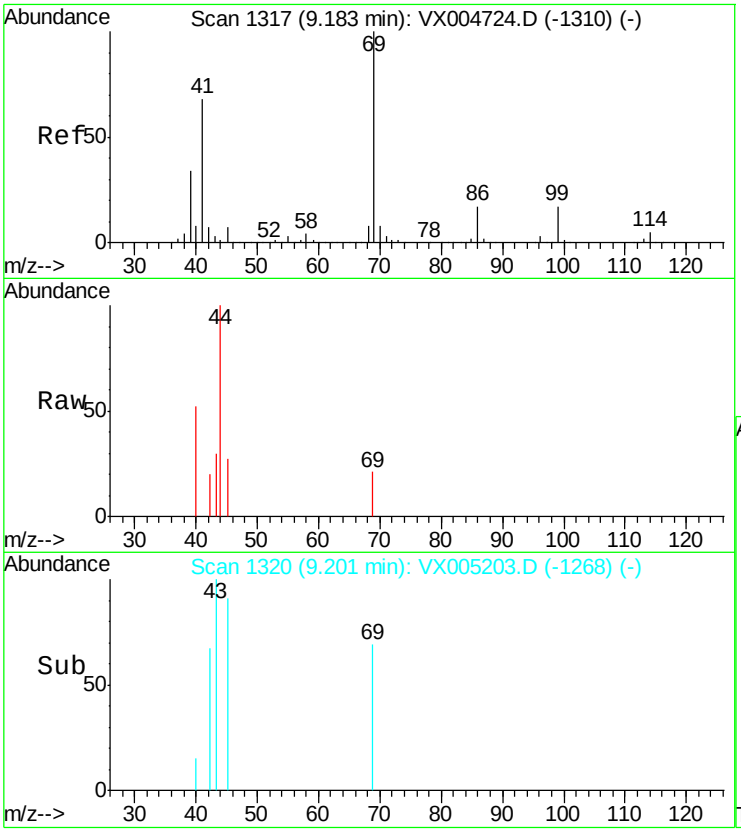


#50
Toluene-d8
Concen: 52.50 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 98 Resp: 401766

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.9	77.9



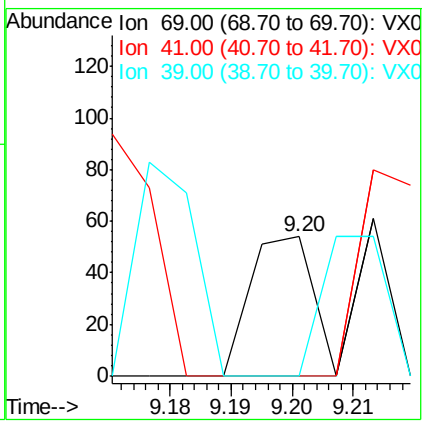


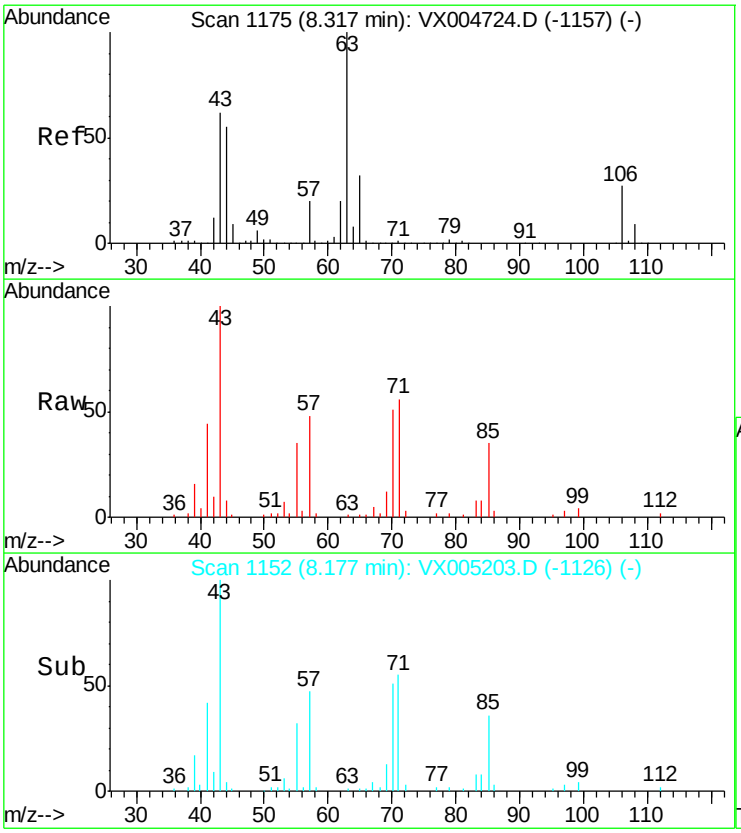
#56
Ethyl methacrylate
Concen: 2.87 ug/l
RT: 9.20 min Scan# 1320
Delta R.T. 0.02 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 69 Resp: 38

Ion	Ratio	Lower	Upper
69	100		
41	207.9	56.9	85.3#
39	105.3	28.4	42.6#

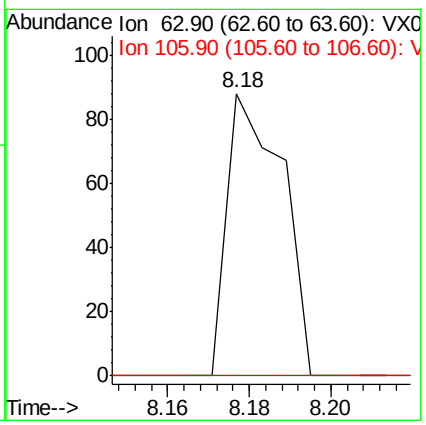


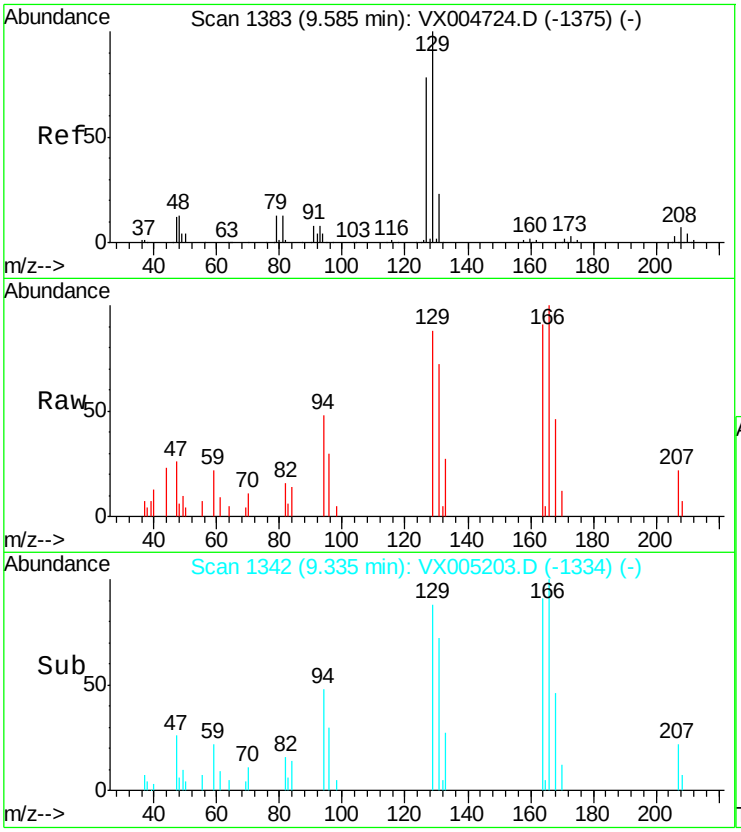


#58
2-Chloroethyl Vinyl ether
Concen: 14.28 ug/l
RT: 8.18 min Scan# 1152
Delta R.T. -0.14 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 63 Resp: 83

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



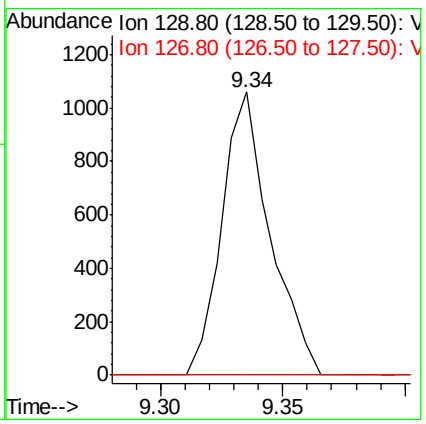


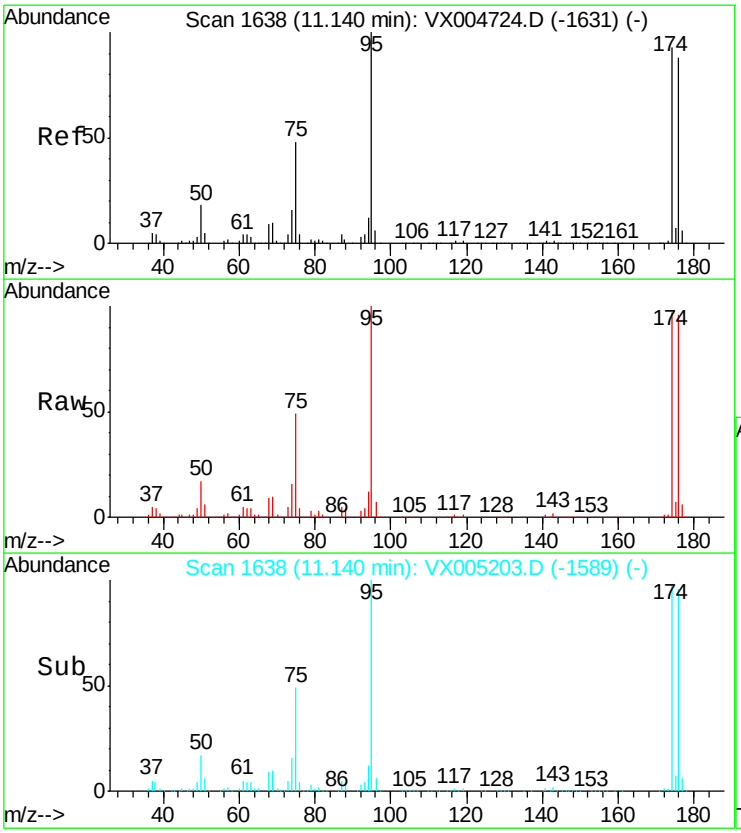
#60
Dibromochloromethane
Concen: 0.61 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:129 Resp: 1455

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#

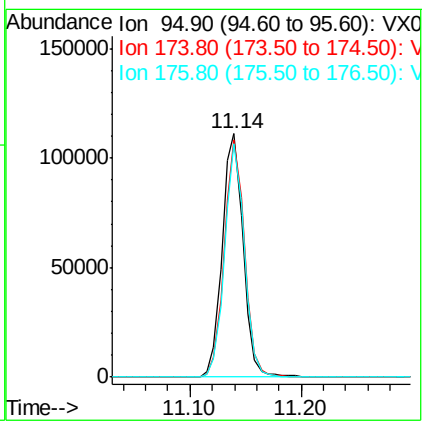


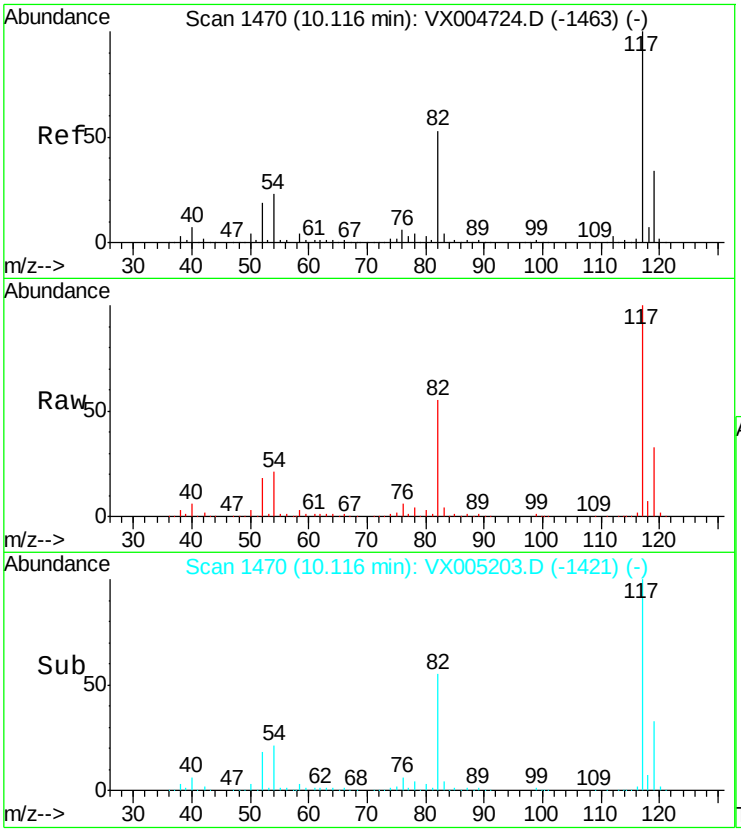


#62
4-Bromofluorobenzene
Concen: 52.24 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 95 Resp: 144023

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	185.0
176	90.9	0.0	180.2



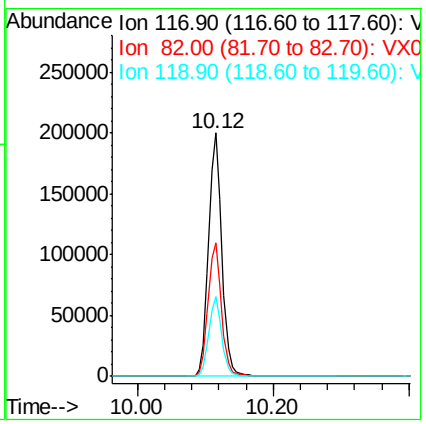


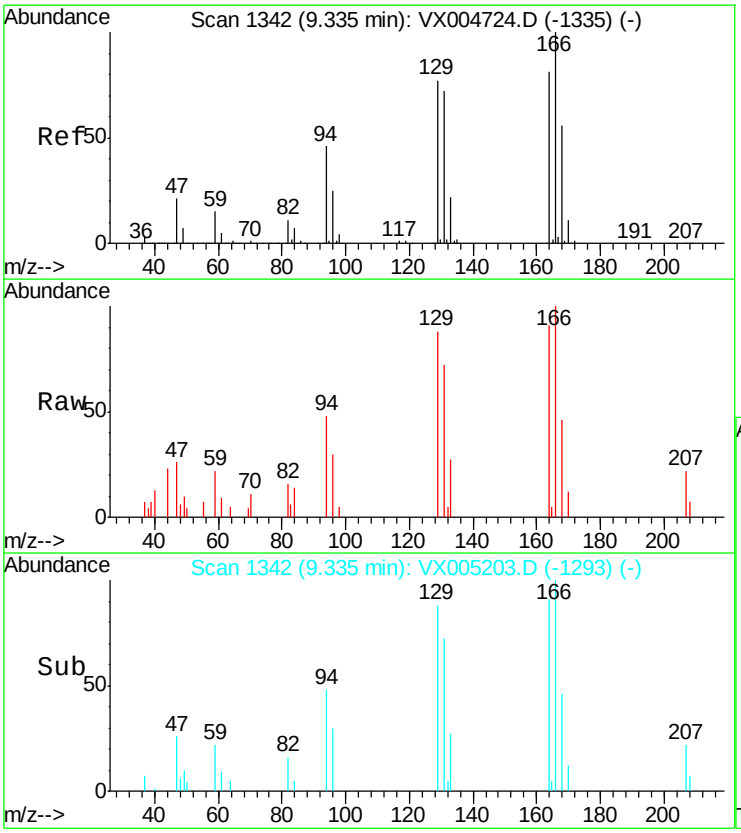
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:117 Resp: 271752

Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.2	63.4
119	32.6	27.4	41.0

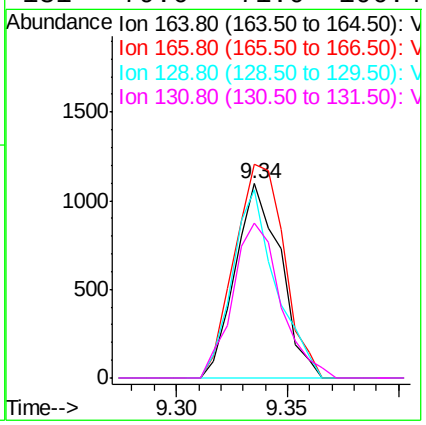


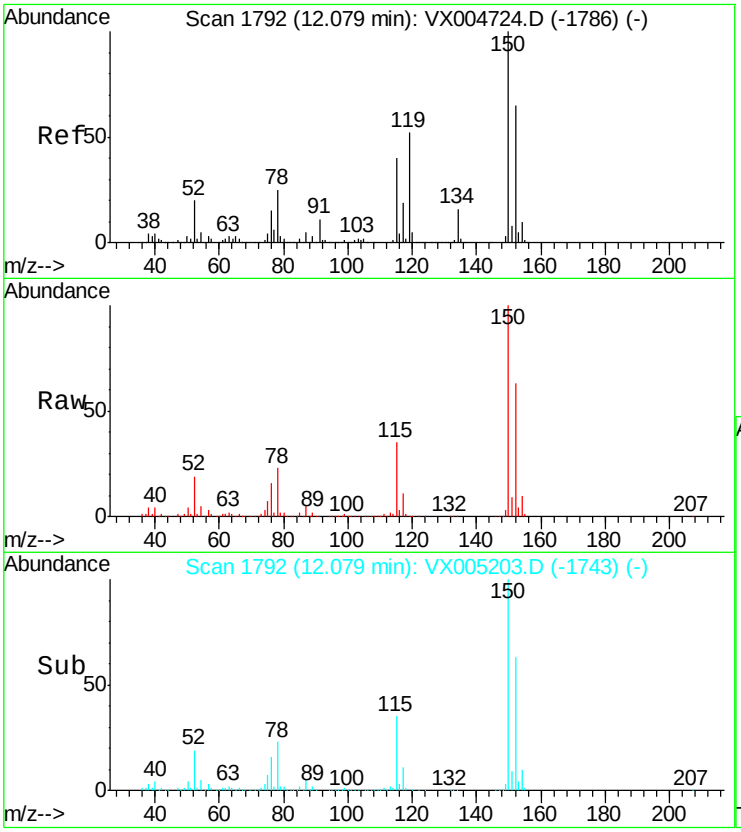


#64
Tetrachloroethene
Concen: 0.58 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion:164 Resp: 1556

Ion	Ratio	Lower	Upper
164	100		
166	109.9	98.4	147.6
129	96.7	76.1	114.1
131	79.6	71.0	106.4



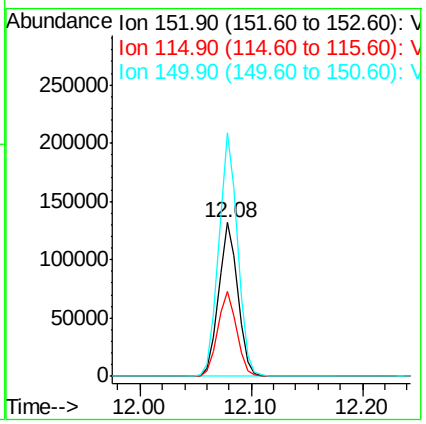


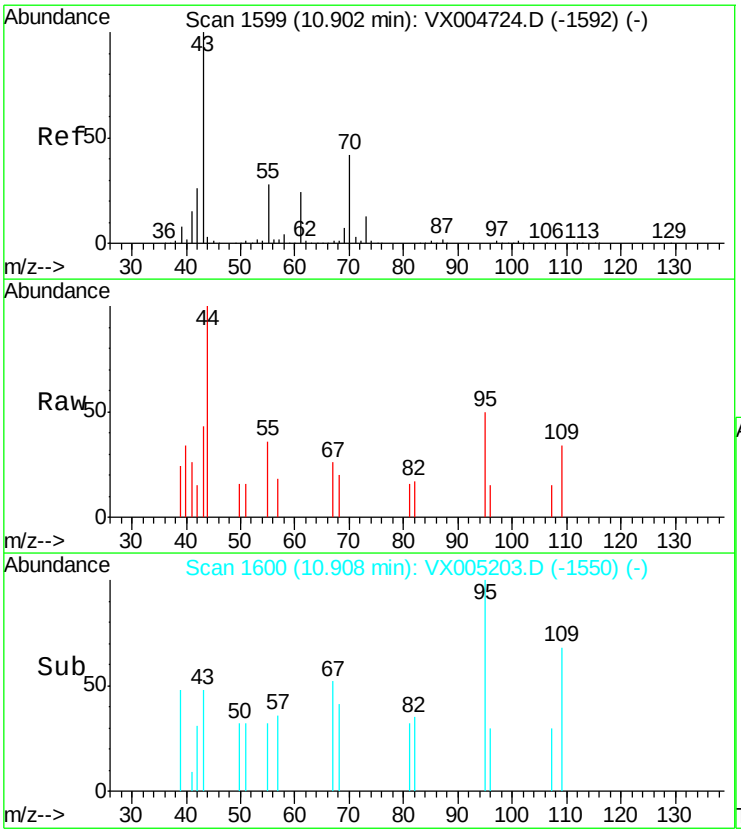
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:152 Resp: 156045

Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.2	120.6
150	156.2	0.0	351.0

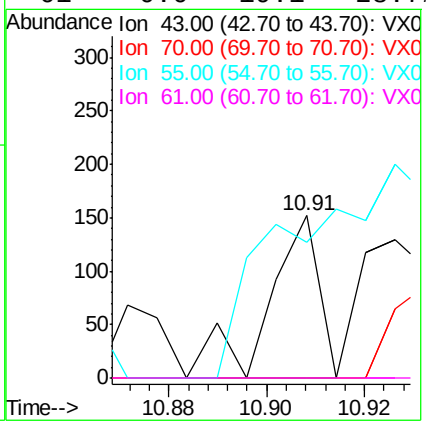


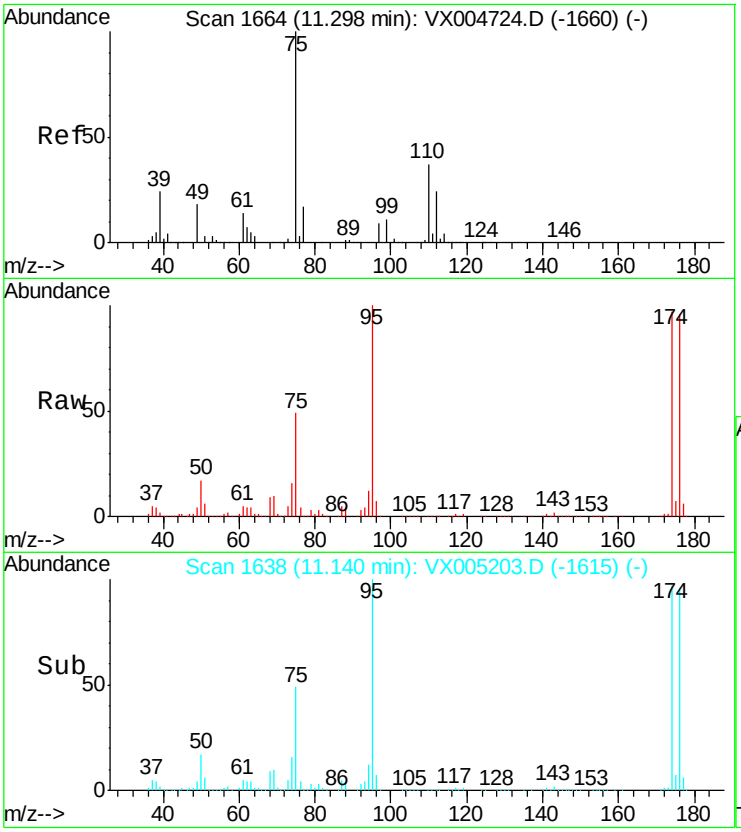


#74
N-amyl acetate
Concen: 1.77 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 43 Resp: 108

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#



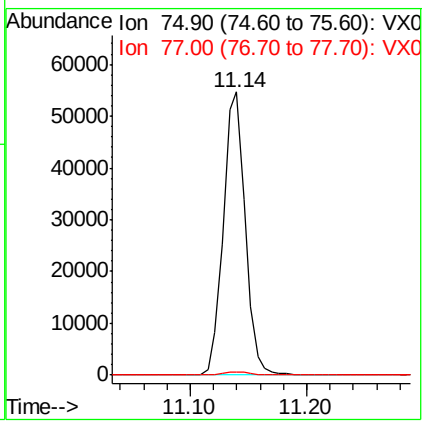


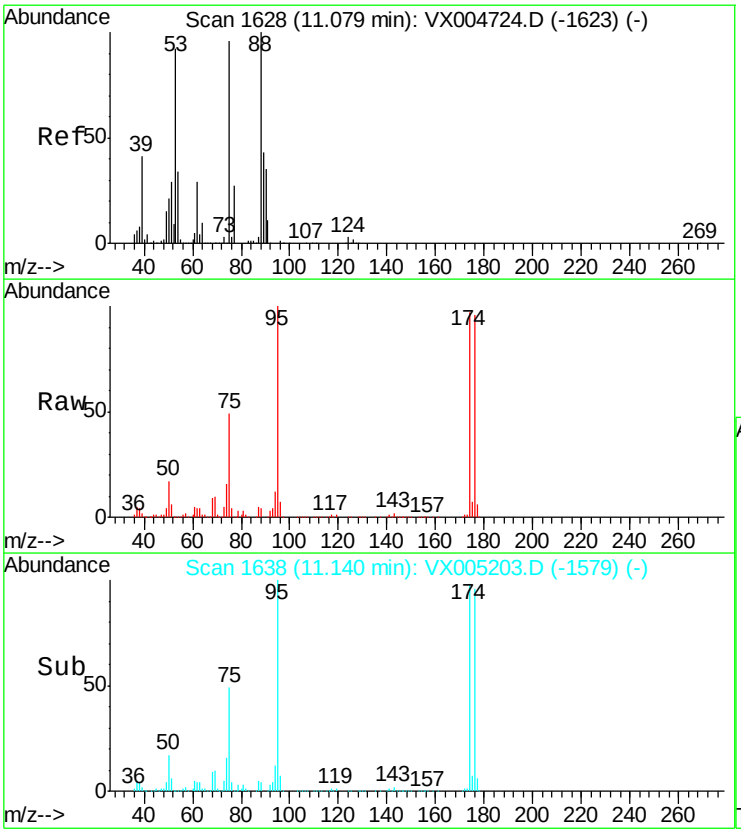
#76
1,2,3-Trichloropropane
Concen: 20.45 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion: 75 Resp: 71531

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

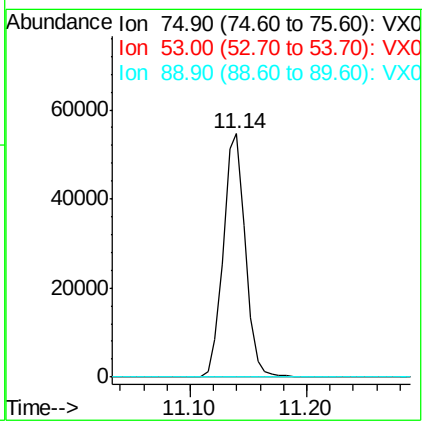


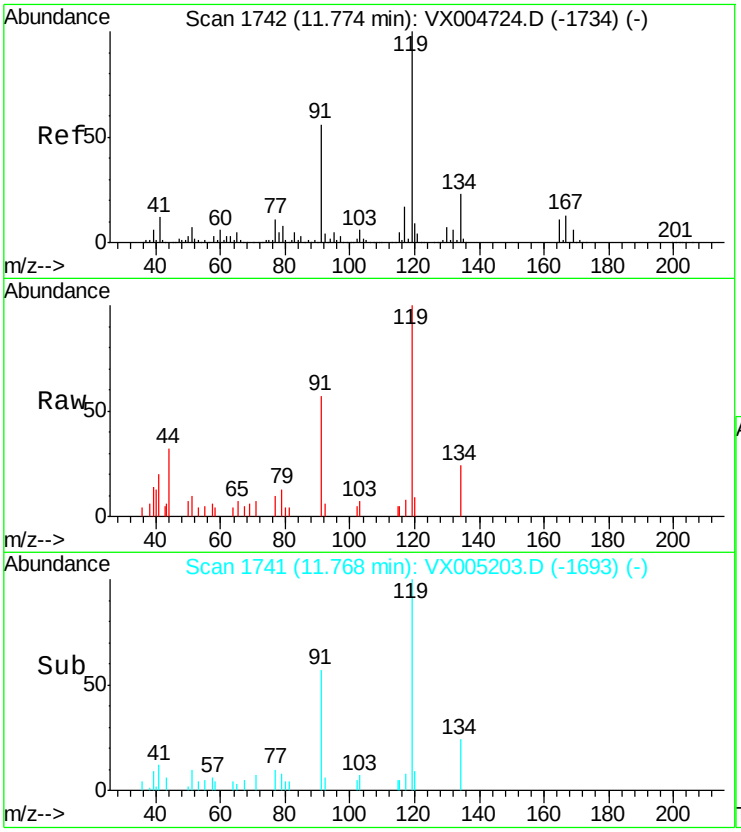


#81
trans-1,4-Dichloro-2-butene
Concen: 55.55 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 75 Resp: 71531

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.1	37.1	55.7#



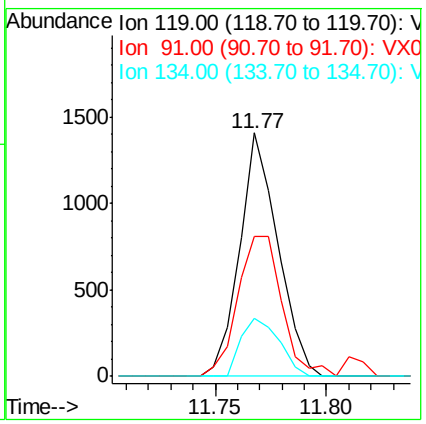


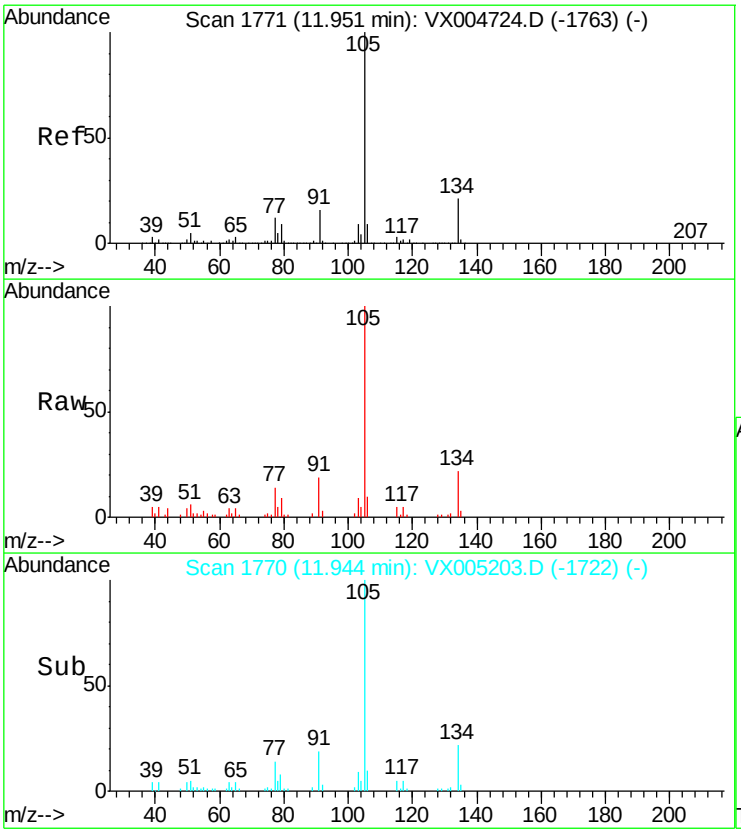
#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:119 Resp: 1693

Ion	Ratio	Lower	Upper
119	100		
91	66.5	27.5	82.5
134	23.8	11.5	34.4

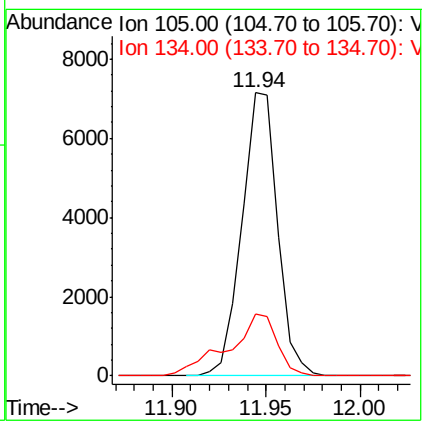


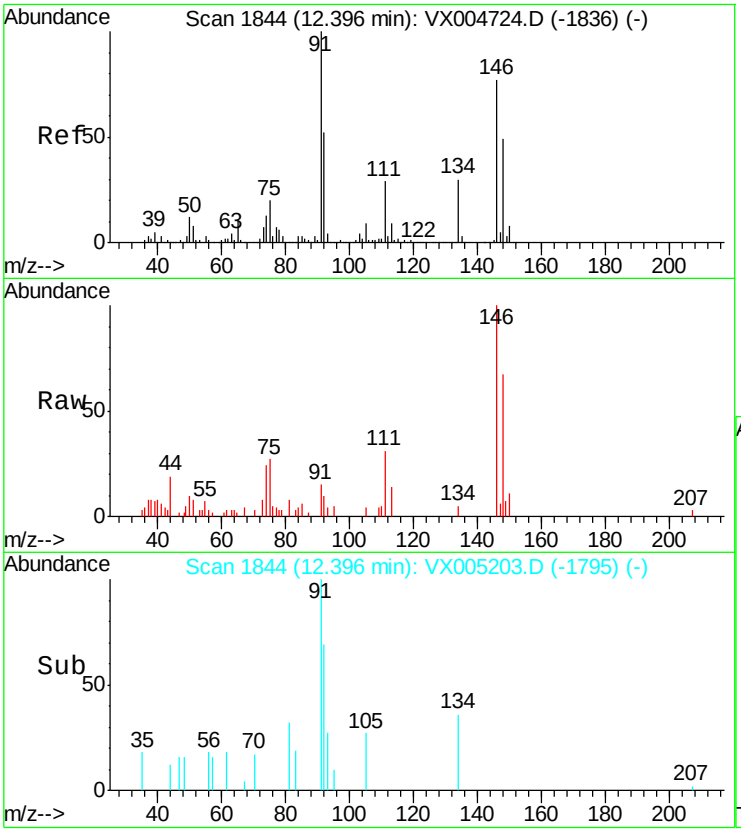


#85
sec-Butylbenzene
Concen: 0.95 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion:105 Resp: 9391

Ion	Ratio	Lower	Upper
105	100		
134	29.8	10.2	30.4



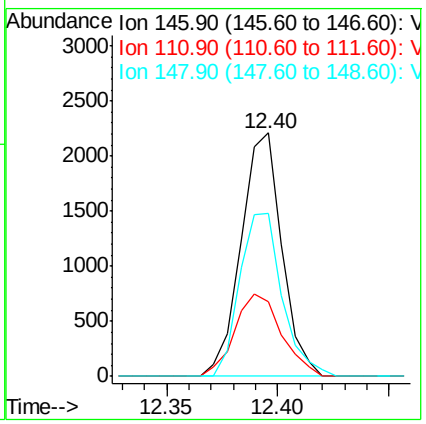


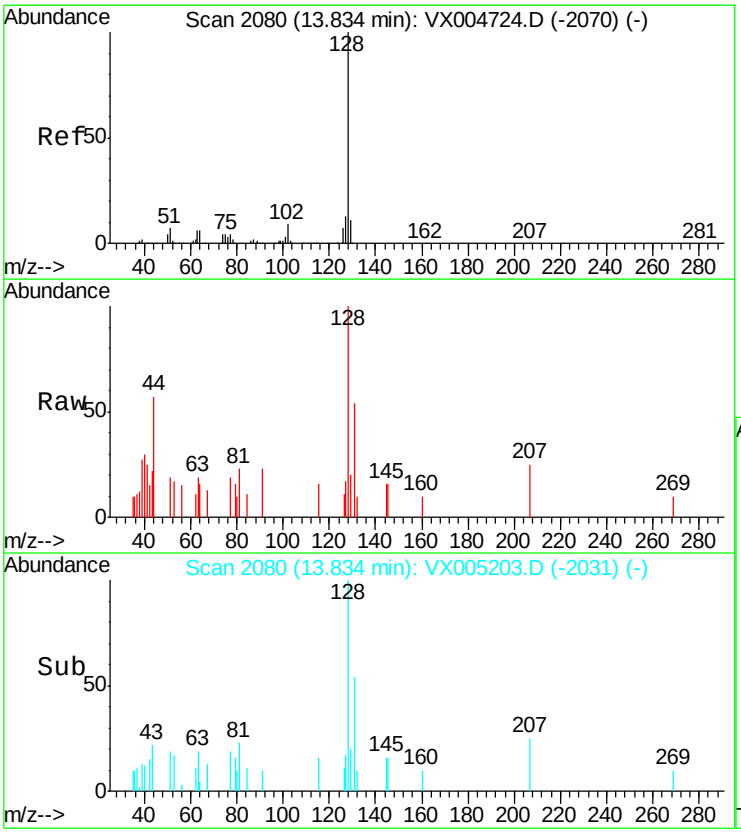
#91
1,2-Dichlorobenzene
Concen: 0.51 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tgt Ion:146 Resp: 2829

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	69.7	31.8	95.4





#95
Naphthalene
Concen: 0.77 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion:128 Resp: 636

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	14.9	8.7	13.1#