Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004992.D
Acq On : 04 Oct 2018 01:35
Operator : JC/MD
Sample : PB113446ZHE#18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Quant Time: Oct 04 03:50:04 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	262379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188963	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.84%			
35) Dibromofluoromethane	5.51	113	166640	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.92%			
50) Toluene-d8	8.72	98	601155	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
62) 4-Bromofluorobenzene	11.14	95	214870	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
Target Compounds						Qvalue
6) Chloroethane	1.70	64	85	Below Cal	#	71
8) Diethyl Ether	2.18	74	628	0.287	ug/l	98
11) Tert butyl alcohol	3.02	59	3701	3.531	ug/l #	74
13) Acrolein	2.29	56	296	0.397	ug/l #	44
16) Acetone	2.45	43	21125	9.654	ug/l #	81
18) Methyl Acetate	2.78	43	13791	2.488	ug/l	100
20) Methylene Chloride	2.85	84	6346	1.175	ug/l #	85
25) 2-Butanone	4.71	43	4562	1.414	ug/l	95
29) Tetrahydrofuran	5.17	42	2482	1.238	ug/l #	78
31) Cyclohexane	5.66	56	4496	0.943	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17247	3.448	ug/l #	46
38) Carbon Tetrachloride	5.66	117	23744	4.516	ug/l #	18
43) Isopropyl Acetate	6.46	43	232585	24.271	ug/l	96
48) Methyl methacrylate	7.68	41	9166	2.107	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	3086	0.511	ug/l #	53
54) cis-1,3-Dichloropropene	8.62	75	1509	0.282	ug/l #	70
56) Ethyl methacrylate	9.05	69	173	2.889	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.21	63	20	14.248	ug/l #	49
59) 2-Hexanone	9.55	43	15380	3.059	ug/l #	54
68) m/p-Xylenes	10.36	106	2540	0.390	ug/l	86
70) Styrene	10.71	104	346	2.170	ug/l #	49
74) N-amyl acetate	10.92	43	207	1.774	ug/l #	65
76) 1,2,3-Trichloropropane	11.14	75	103783	20.716	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	103783	56.242	ug/l #	10
95) Naphthalene	13.83	128	1650	0.807	ug/l #	91

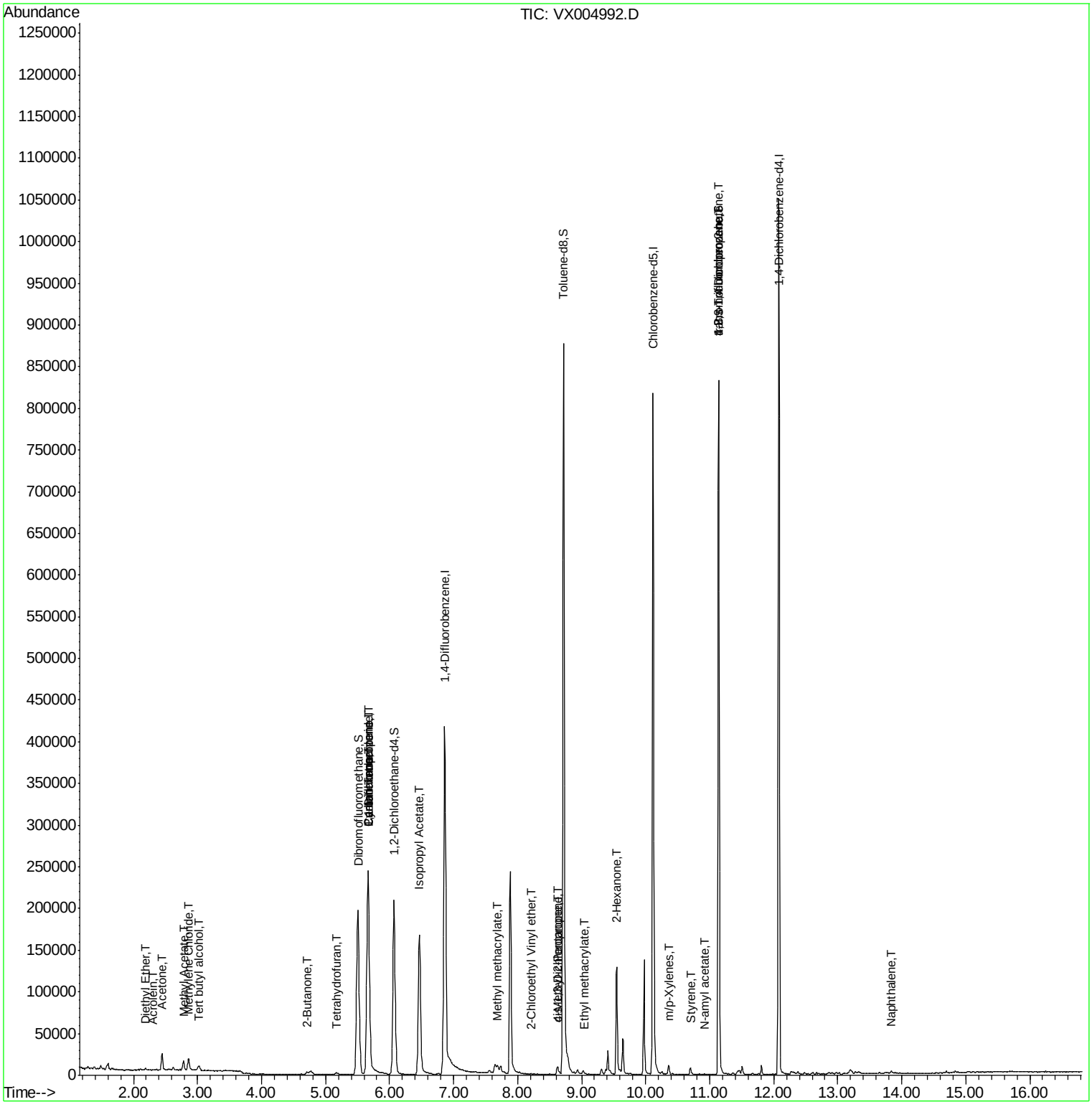
(#) = qualifier out of range (m) = manual integration (+) = signals summed

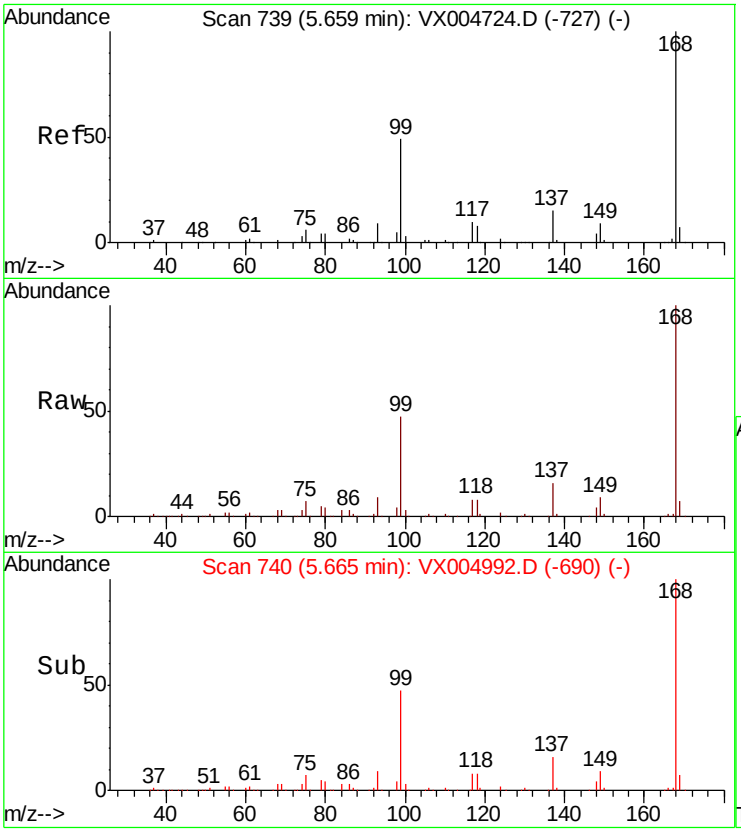
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX004992.D
Acq On : 04 Oct 2018 01:35
Operator : JC/MD
Sample : PB113446ZHE#18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Quant Time: Oct 04 03:50:04 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



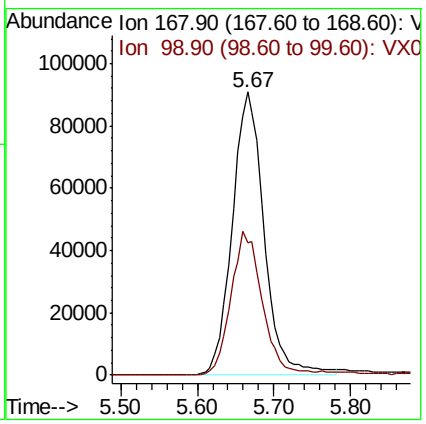


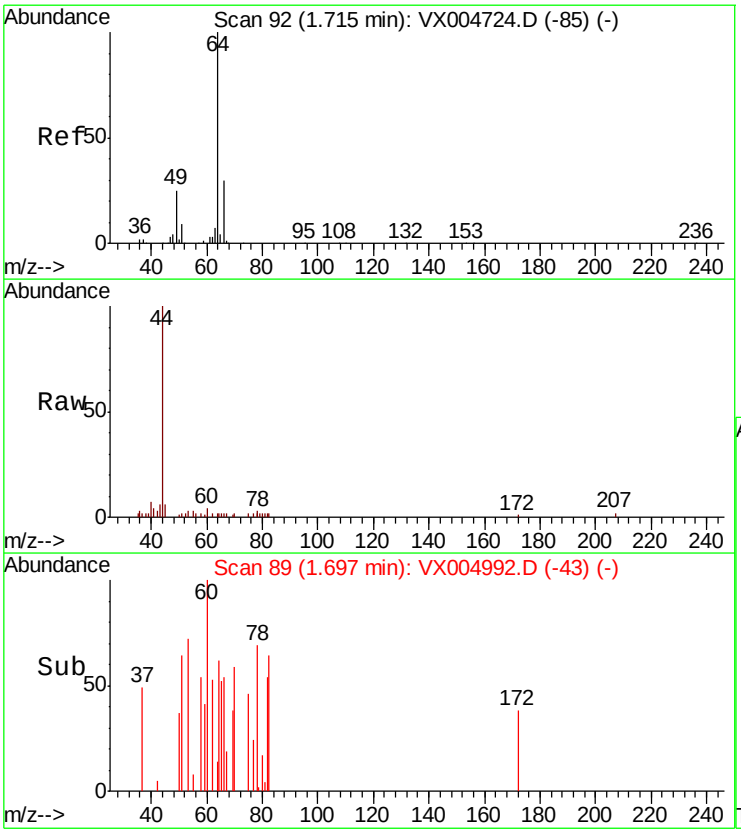
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion:168 Resp: 262379

Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.3	58.9

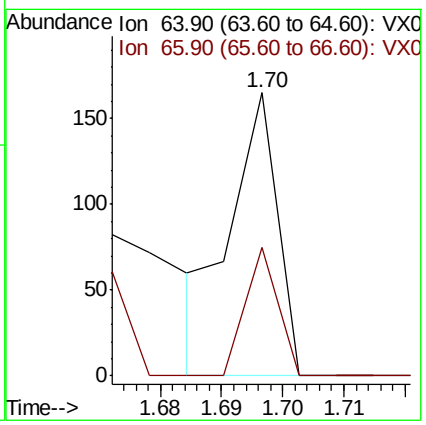


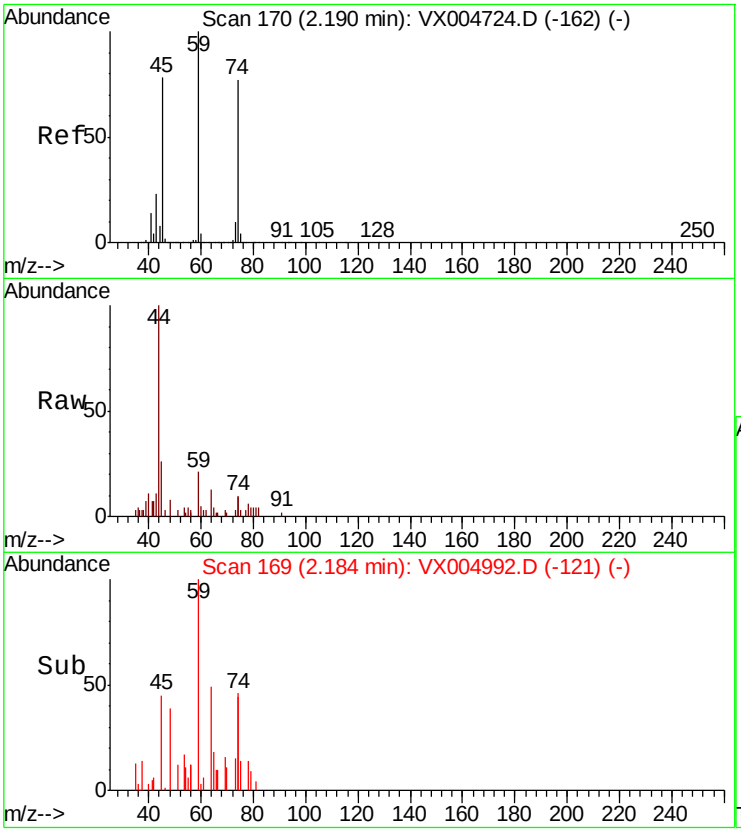


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 64 Resp: 85

Ion	Ratio	Lower	Upper
64	100		
66	45.5	23.8	35.6#



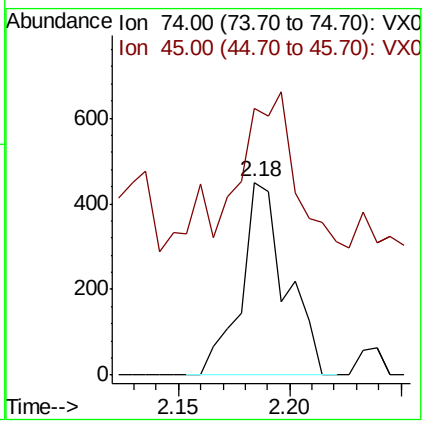


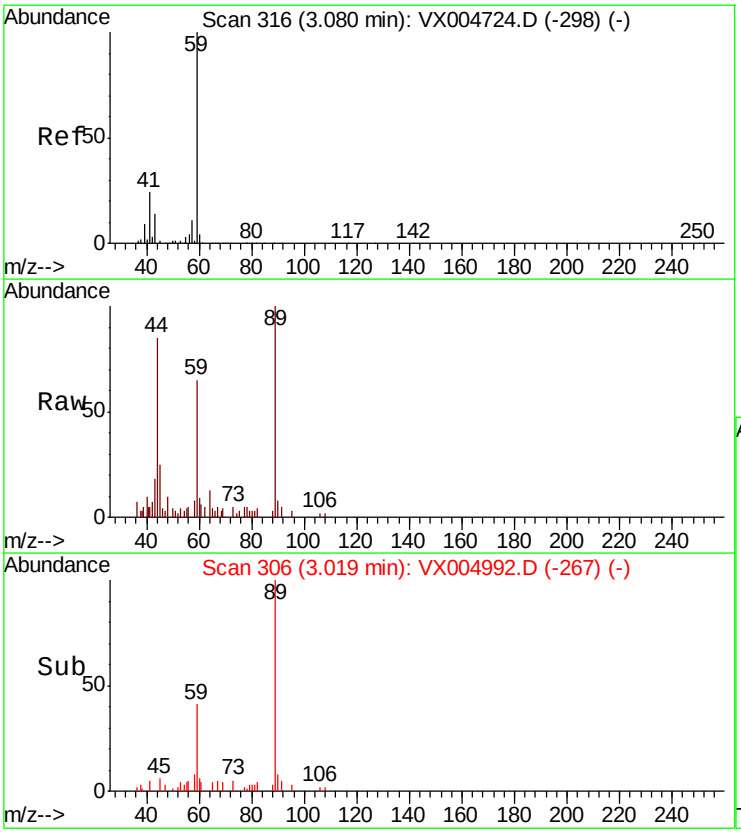
#8
Diethyl Ether
Concen: 0.287 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 74 Resp: 628

Ion	Ratio	Lower	Upper
74	100		
45	103.0	52.5	157.6

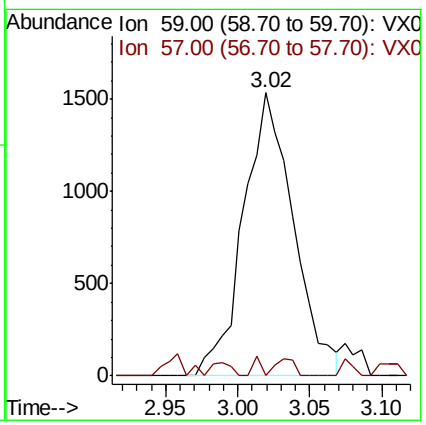


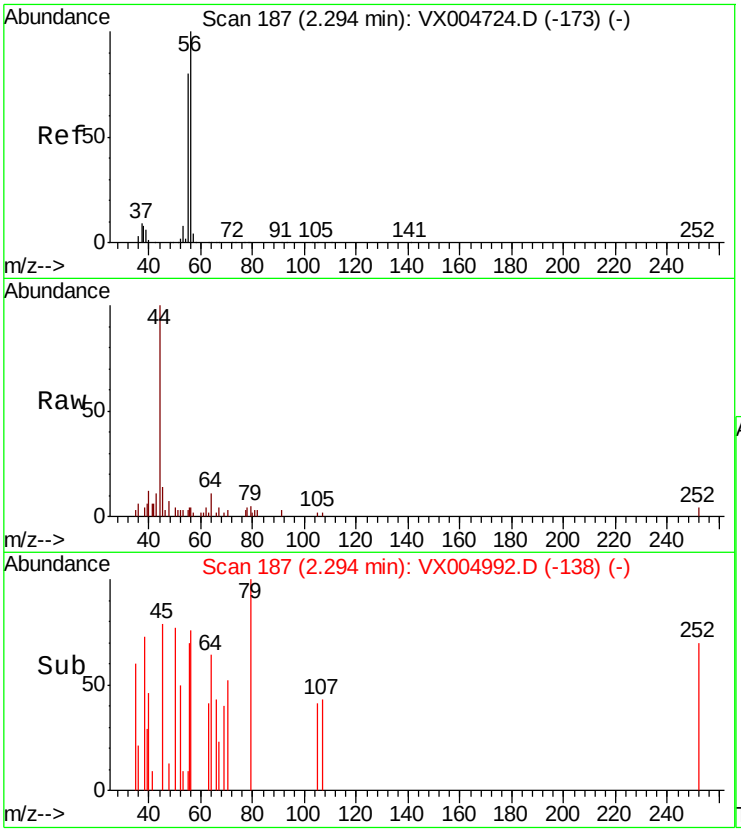


#11
Tert butyl alcohol
Concen: 3.531 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 59 Resp: 3701

Ion	Ratio	Lower	Upper
59	100		
57	1.0	8.6	12.8#



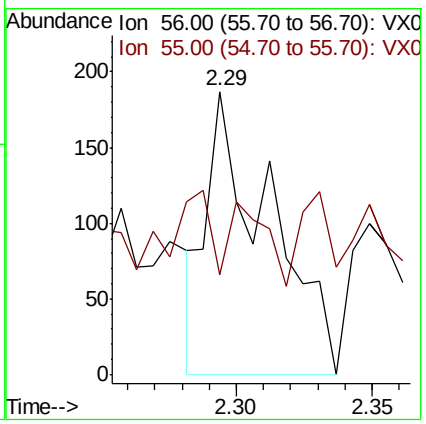


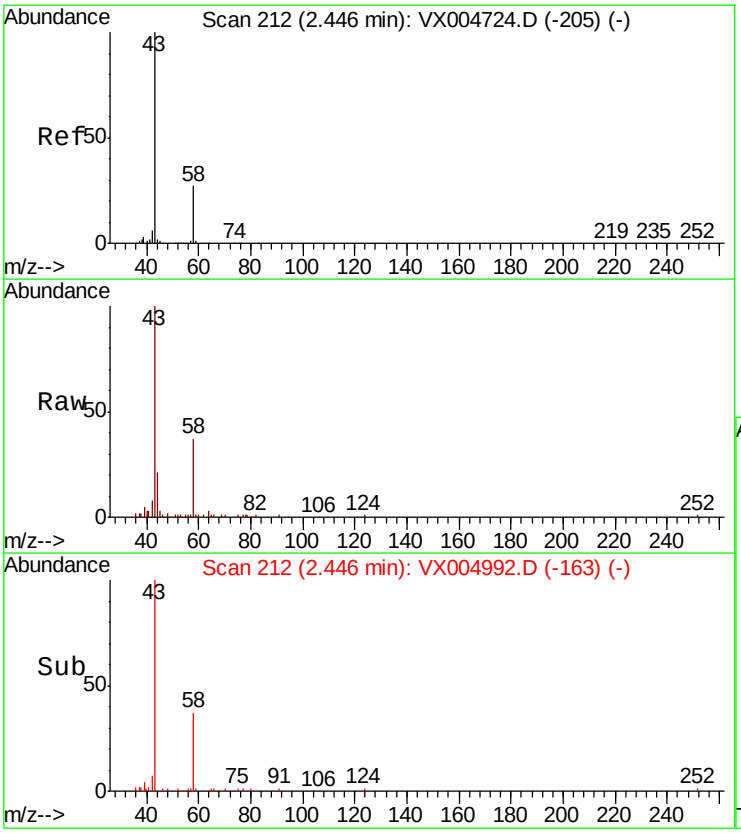
#13
Acrolein
Concen: 0.397 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Tgt Ion: 56 Resp: 296

Ion	Ratio	Lower	Upper
56	100		
55	30.4	63.4	95.2#

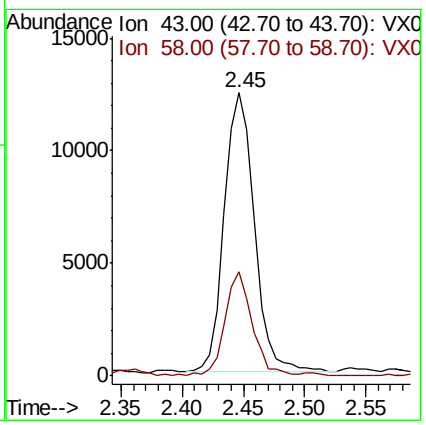


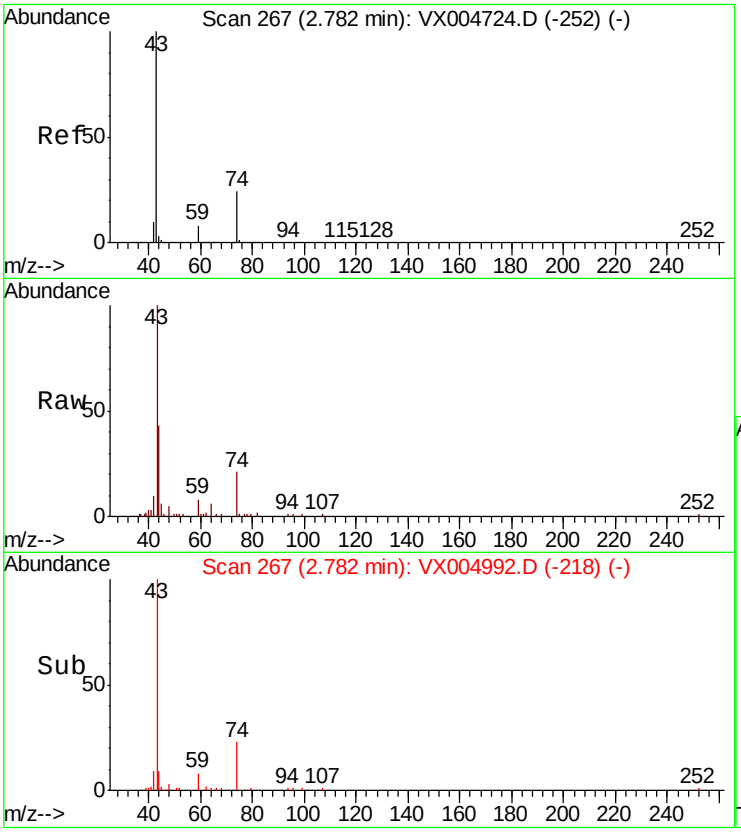


#16
Acetone
Concen: 9.654 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 43 Resp: 21125

Ion	Ratio	Lower	Upper
43	100		
58	37.2	21.8	32.6#



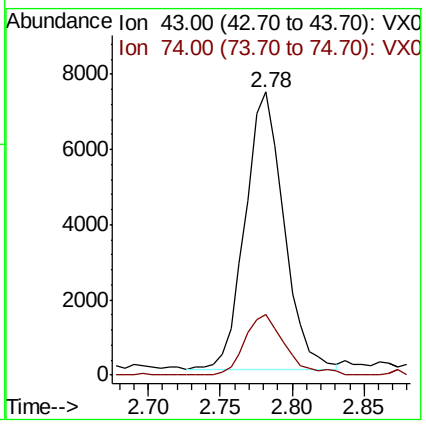


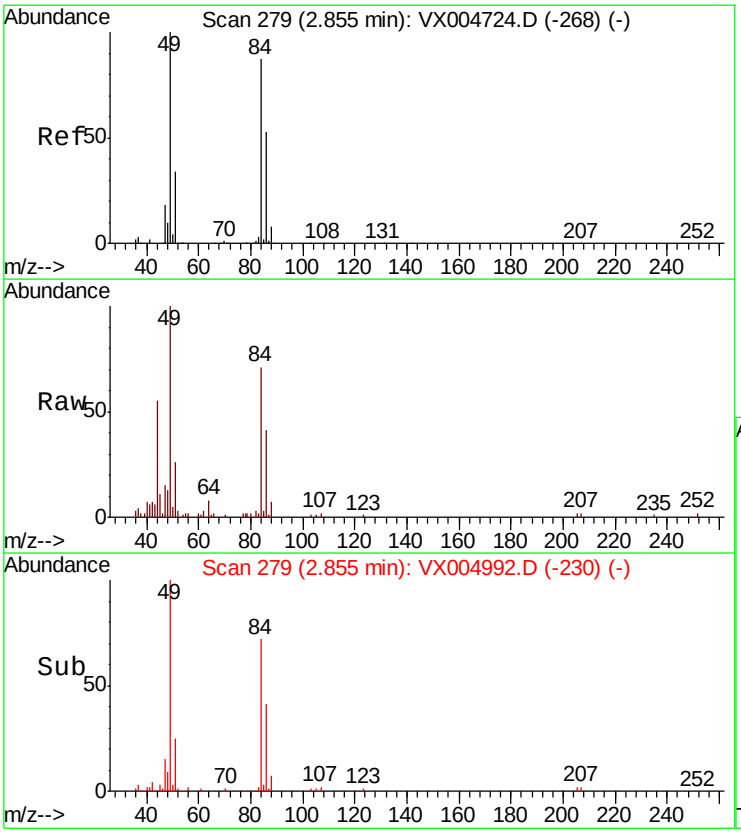
#18
Methyl Acetate
Concen: 2.488 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Tgt Ion: 43 Resp: 13791

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.8

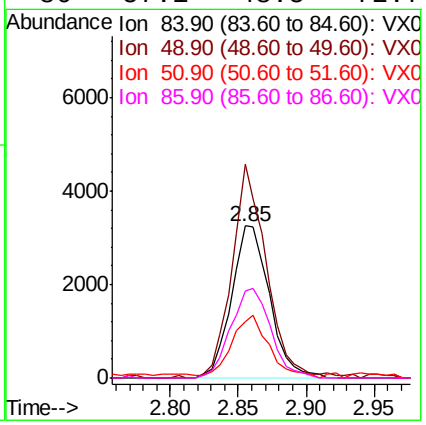


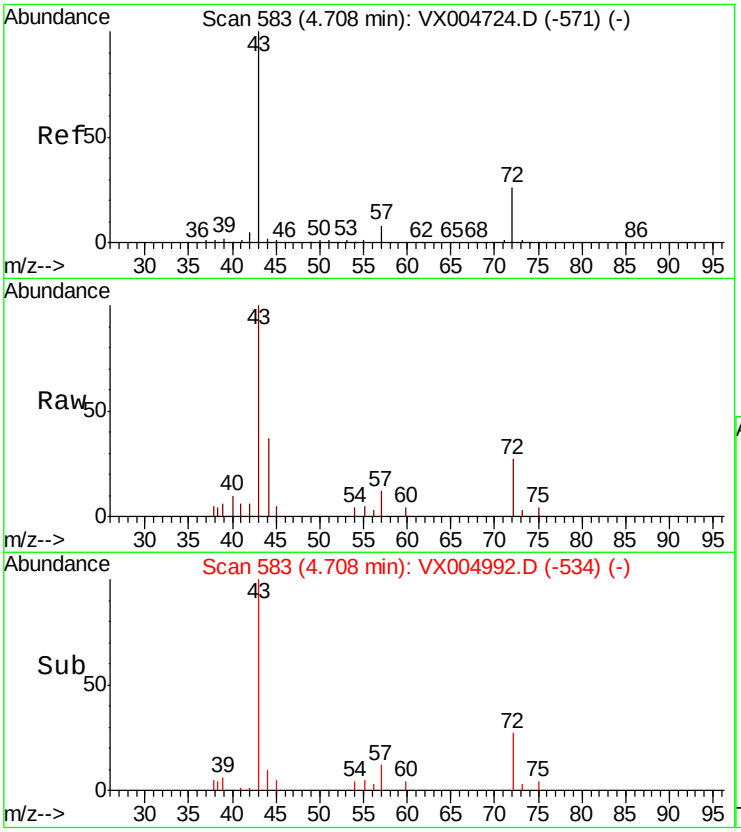


#20
Methylene Chloride
Concen: 1.175 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 84 Resp: 6346

Ion	Ratio	Lower	Upper
84	100		
49	140.5	92.3	138.5#
51	34.3	31.8	47.6
86	57.1	48.5	72.7



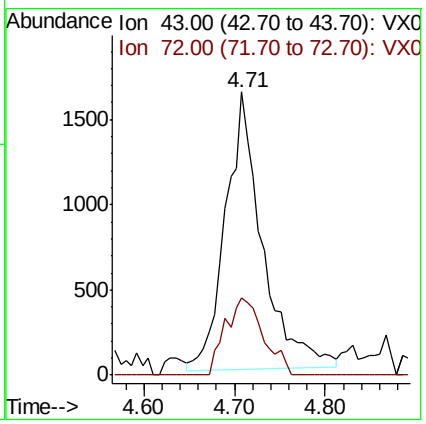


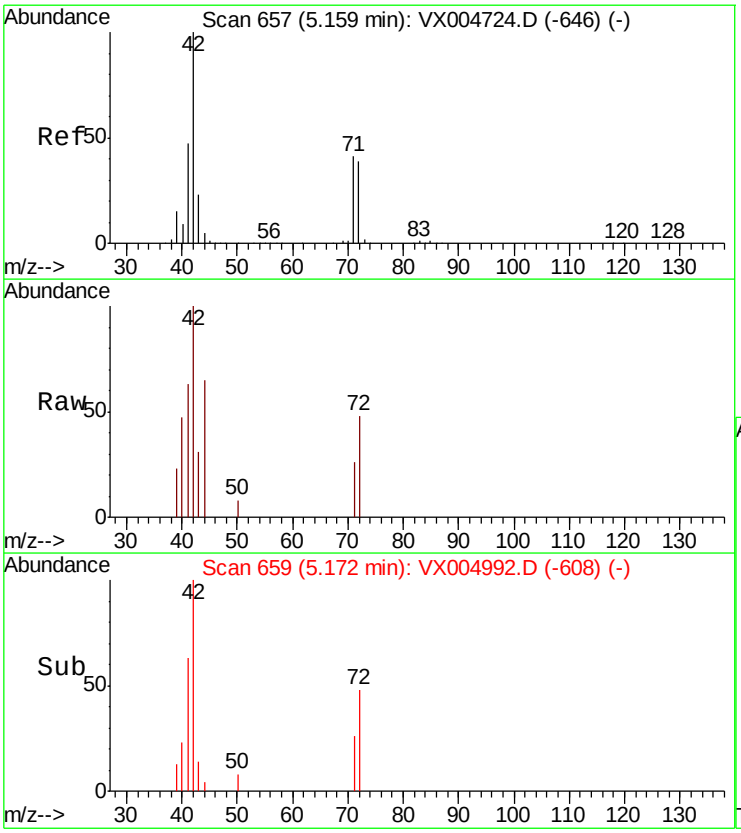
#25
2-Butanone
Concen: 1.414 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 43 Resp: 4562

Ion	Ratio	Lower	Upper
43	100		
72	28.4	20.8	31.2

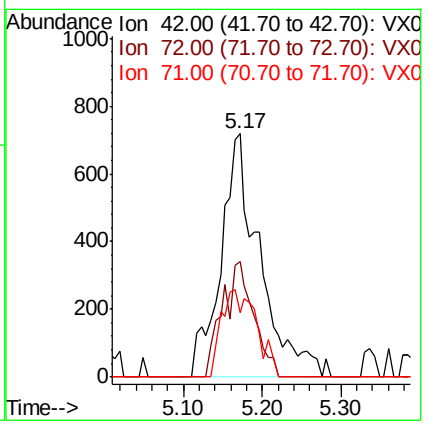


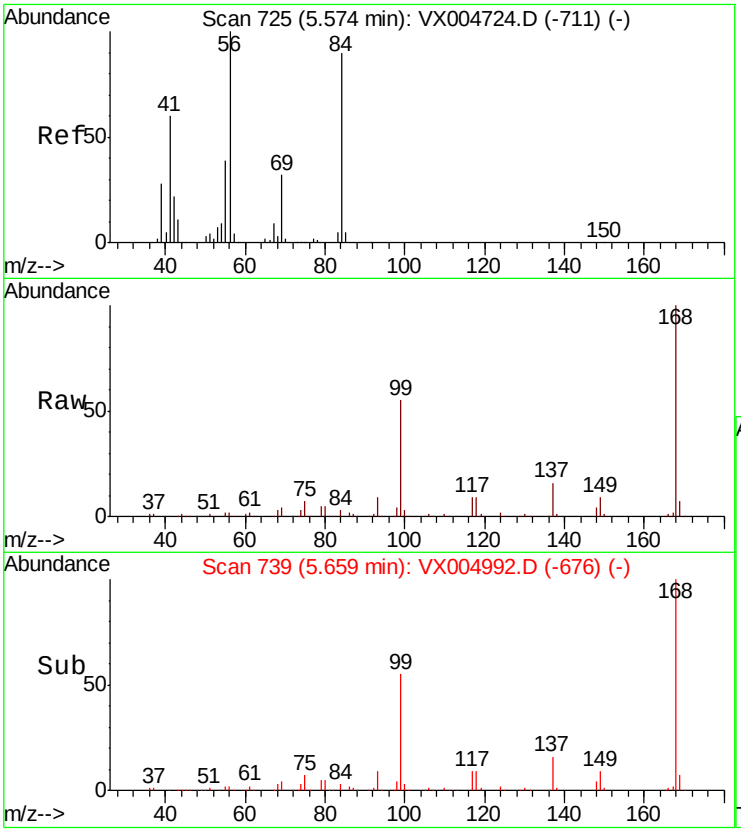


#29
Tetrahydrofuran
Concen: 1.238 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 42 Resp: 2482

Ion	Ratio	Lower	Upper
42	100		
72	37.8	33.7	50.5
71	17.2	32.2	48.4#



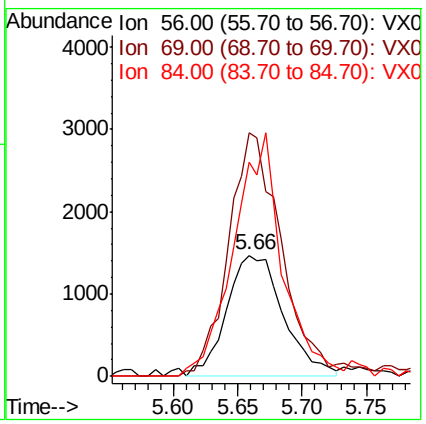


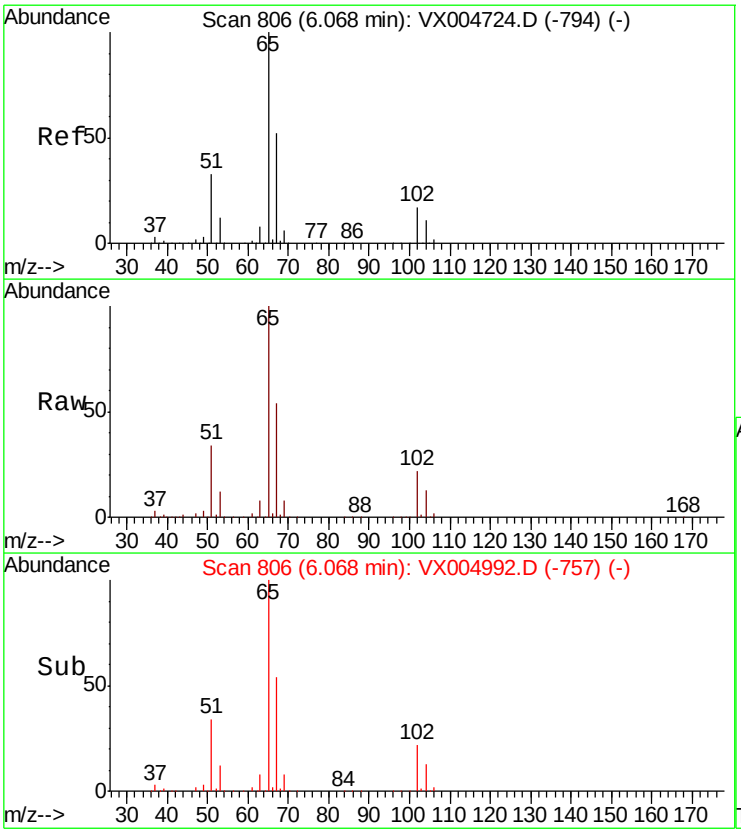
#31
Cyclohexane
Concen: 0.943 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 56 Resp: 4496

Ion	Ratio	Lower	Upper
56	100		
69	197.0	25.9	38.9#
84	171.0	71.9	107.9#

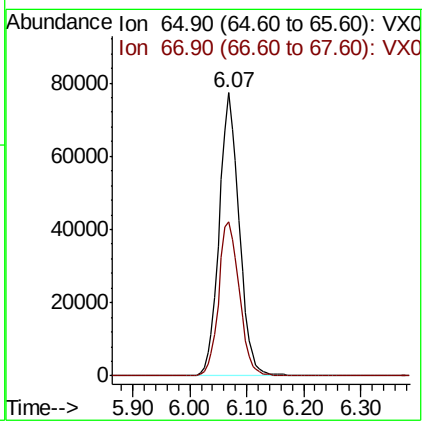


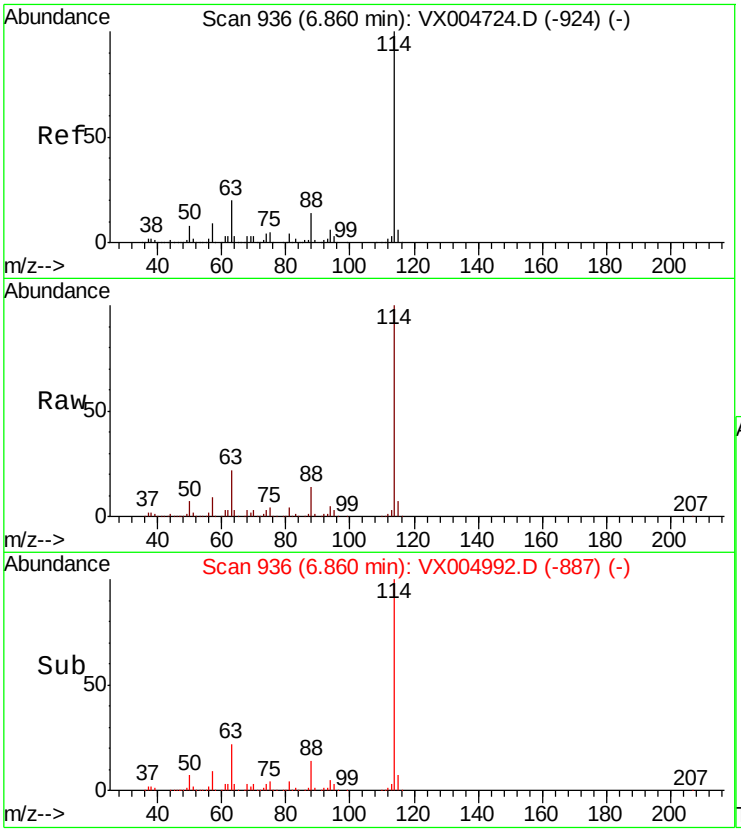


#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 65 Resp: 188963

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	107.4



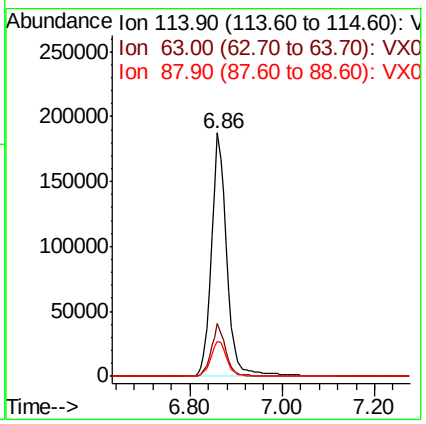


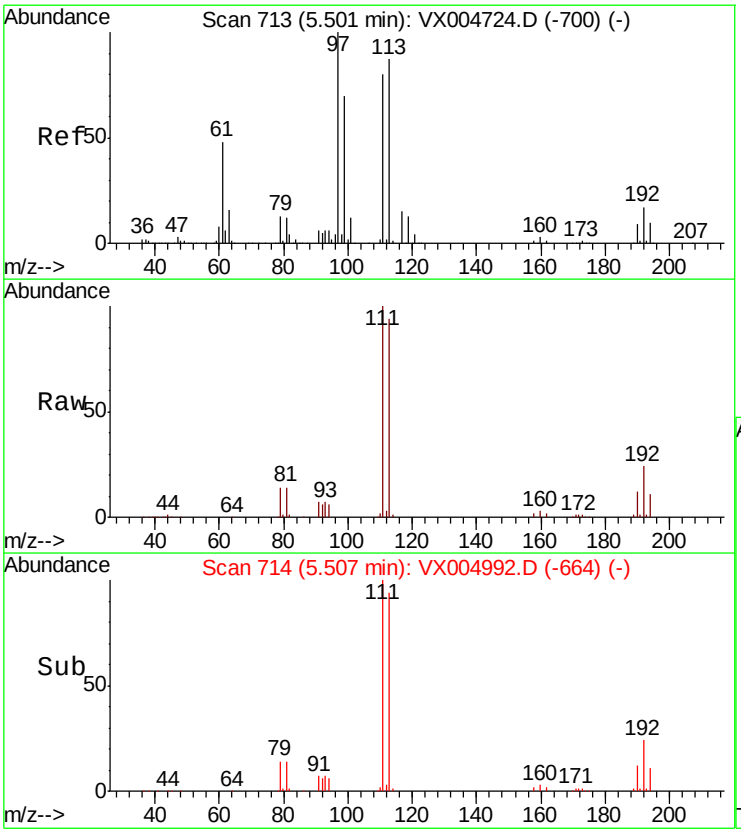
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion:114 Resp: 432556

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.8
88	14.3	0.0	27.0

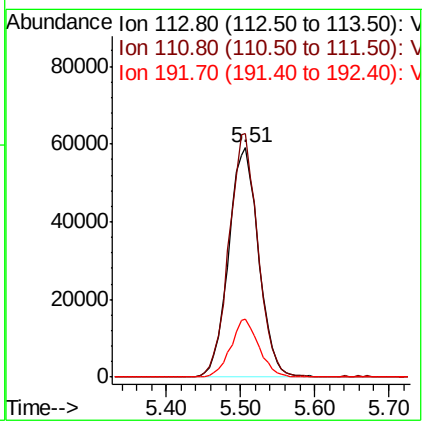


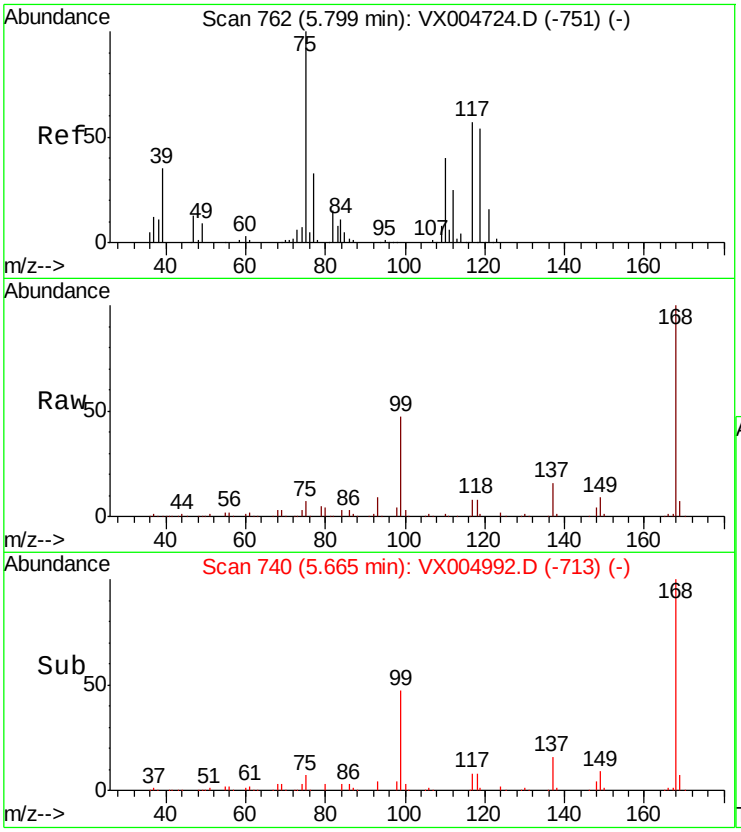


#35
Dibromofluoromethane
Concen: 45.456 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion:113 Resp: 166640

Ion	Ratio	Lower	Upper
113	100		
111	102.8	77.0	115.4
192	23.7	17.0	25.6



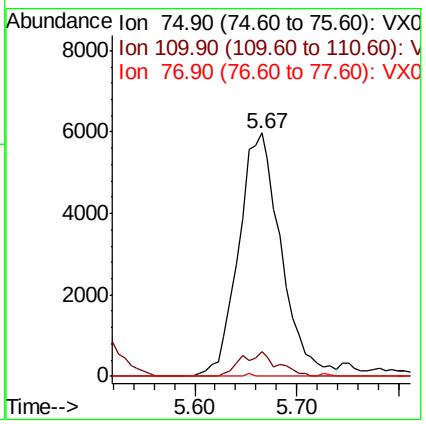


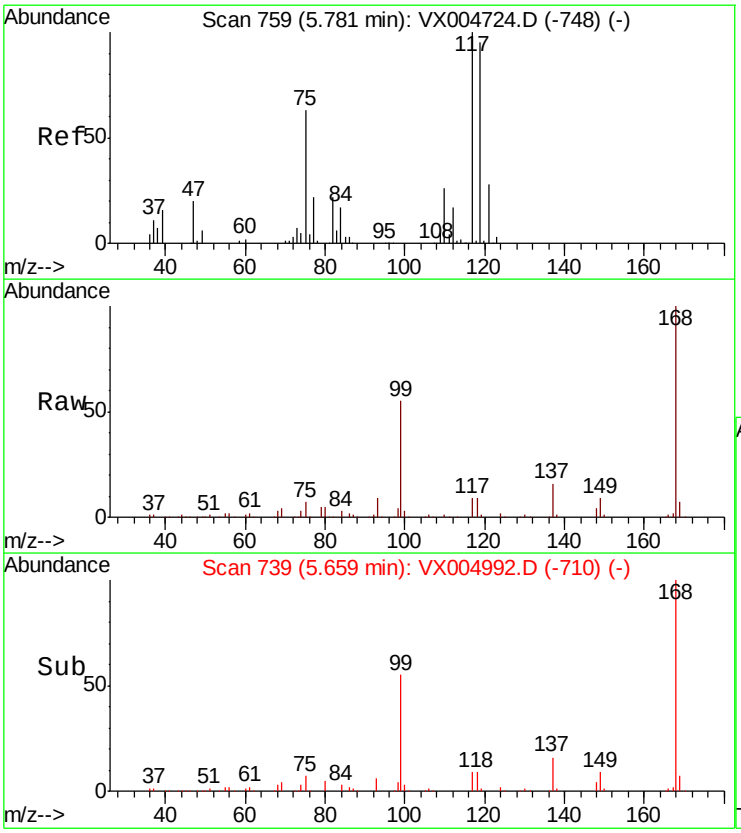
#36
1,1-Dichloropropene
Concen: 3.448 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 75 Resp: 17247

Ion	Ratio	Lower	Upper
75	100		
110	8.8	20.0	59.9#
77	0.1	27.1	40.7#

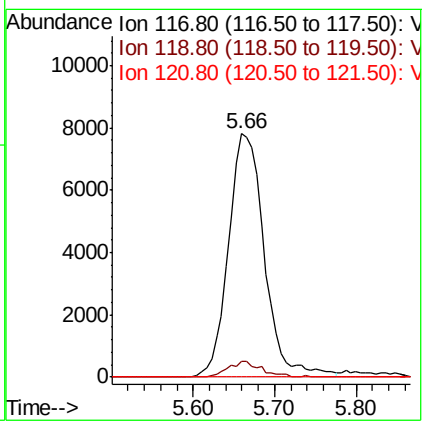


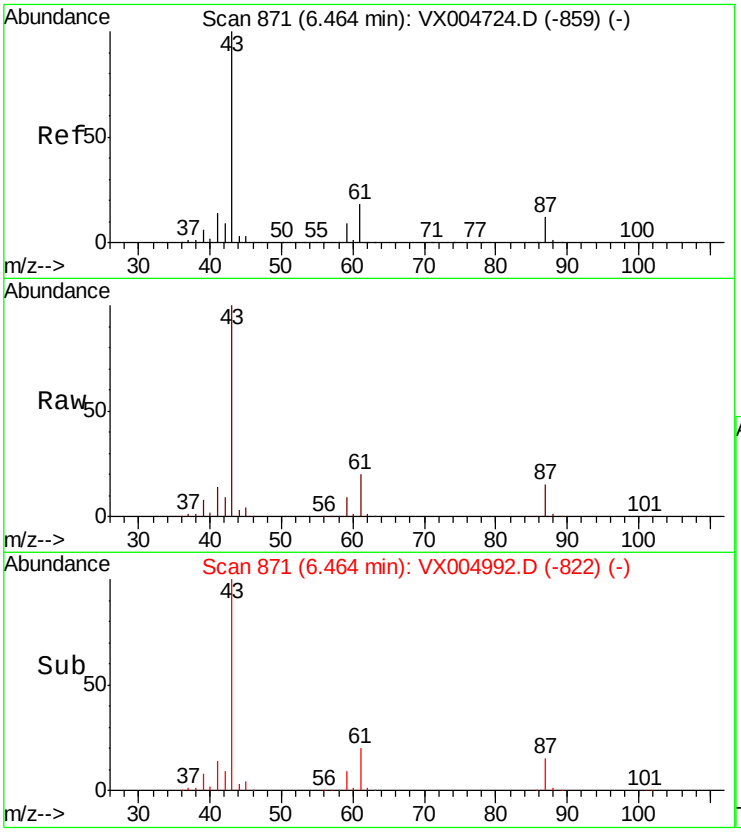


#38
Carbon Tetrachloride
Concen: 4.516 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion:117 Resp: 23744

Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.2	112.8#
121	0.0	22.5	33.7#



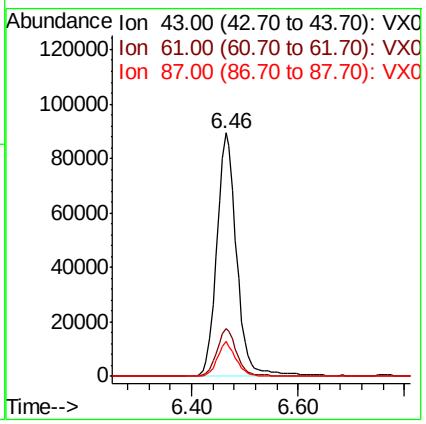


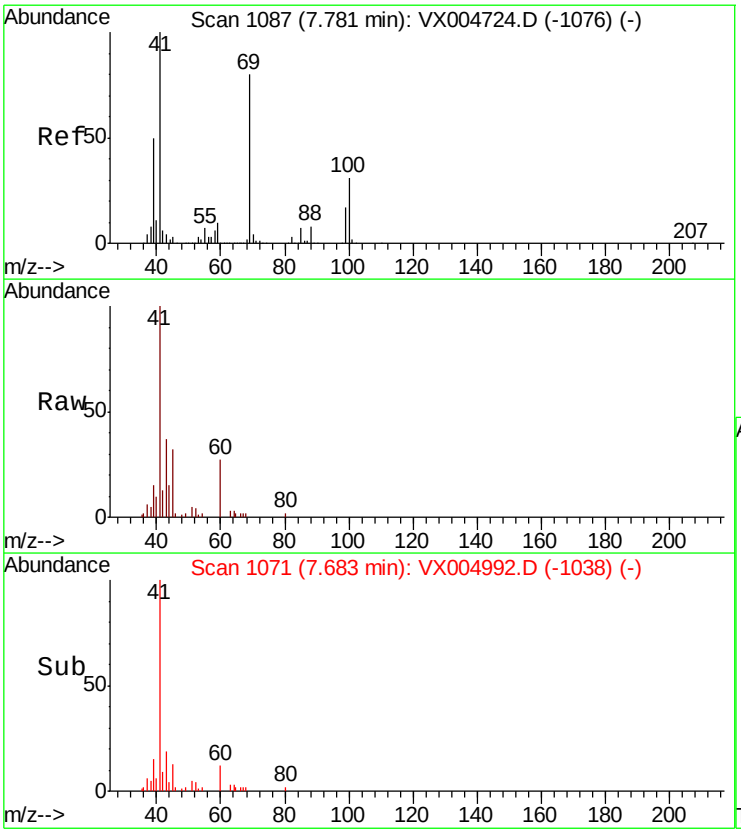
#43
Isopropyl Acetate
Concen: 24.271 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Tgt Ion: 43 Resp: 232585

Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.2	21.4
87	13.4	9.3	13.9

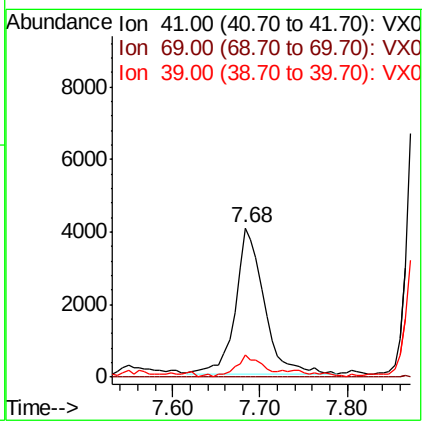


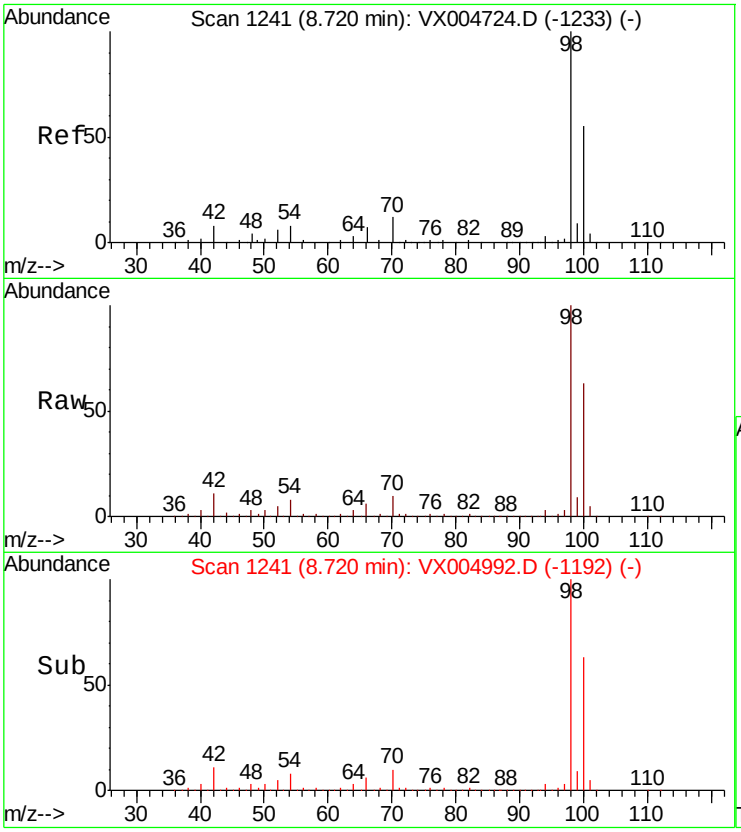


#48
Methyl methacrylate
Concen: 2.107 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 41 Resp: 9166

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	13.6	40.7	61.1#



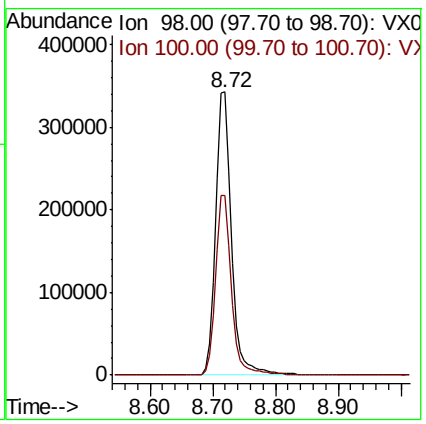


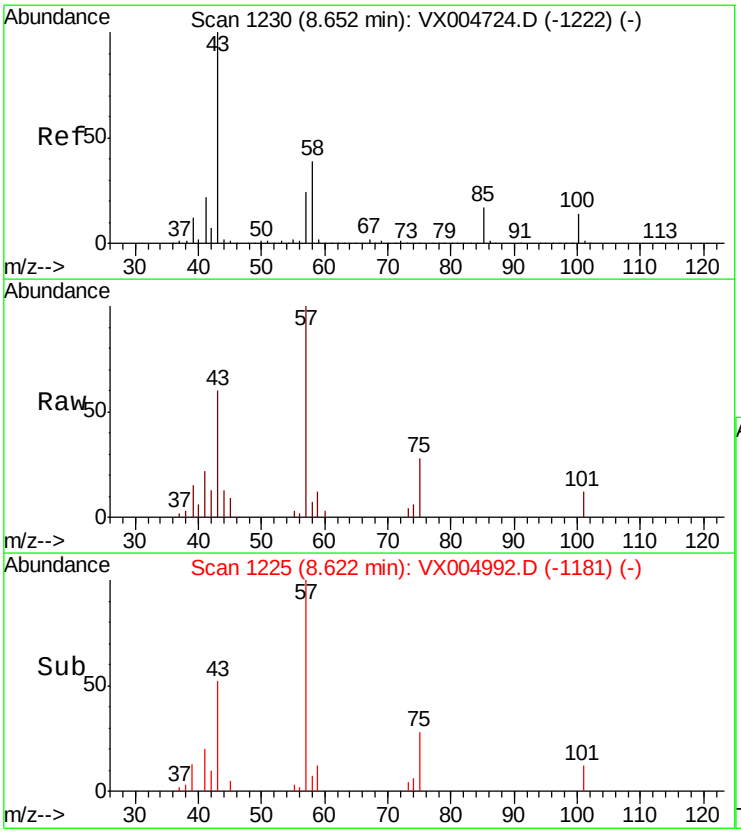
#50
Toluene-d8
Concen: 49.326 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Tgt Ion: 98 Resp: 601155

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9

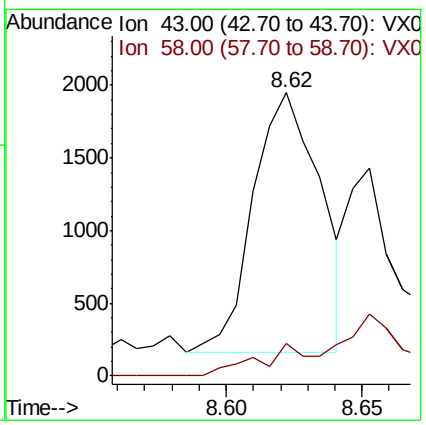


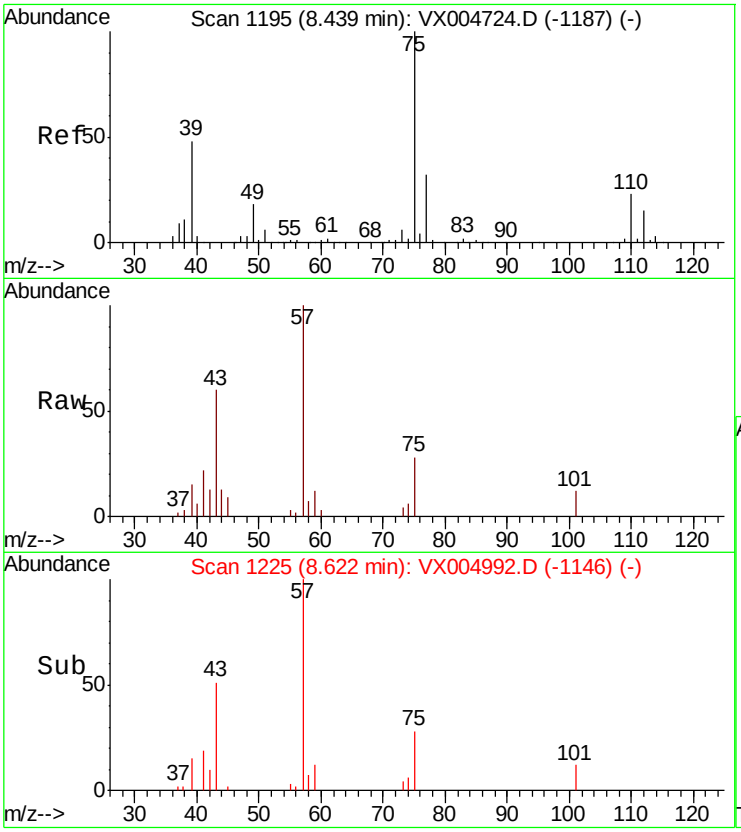


#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 43 Resp: 3086

Ion	Ratio	Lower	Upper
43	100		
58	9.8	30.5	45.7#



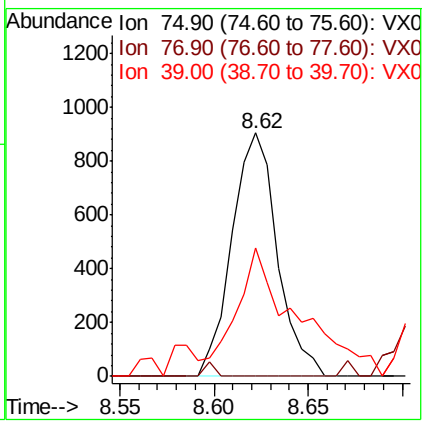


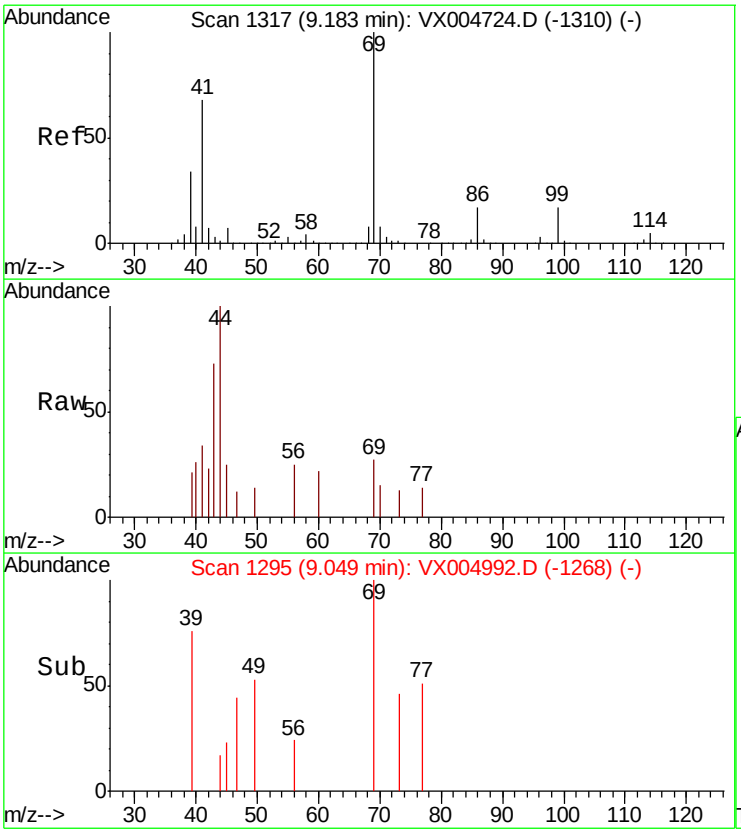
#54
cis-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Tgt Ion: 75 Resp: 1509

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	40.1	38.3	57.5

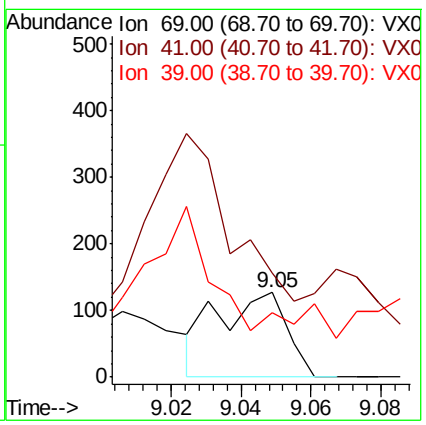


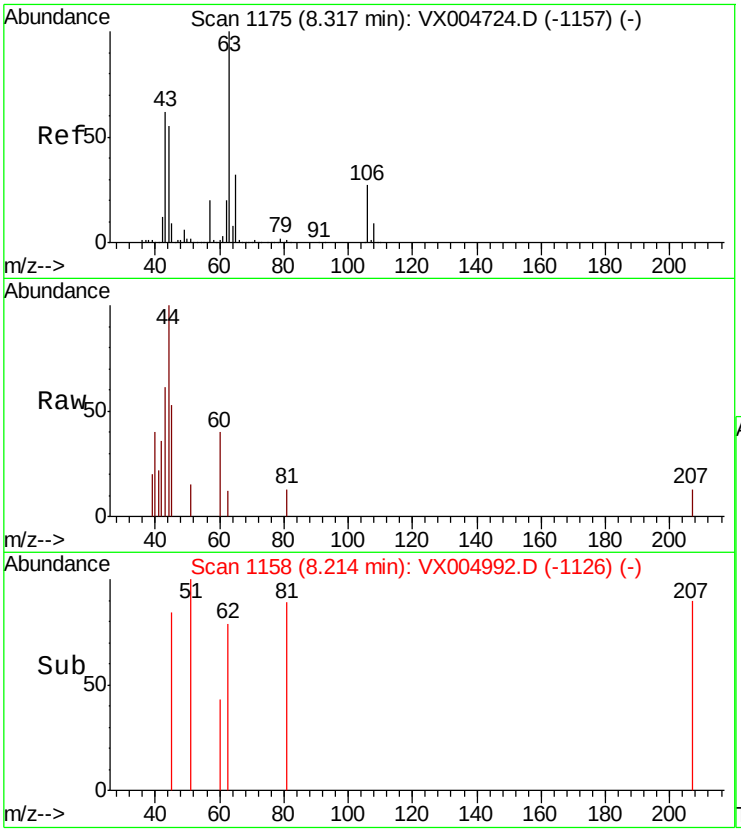


#56
Ethyl methacrylate
Concen: 2.889 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. -0.13 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 69 Resp: 173

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	0.0	28.4	42.6#



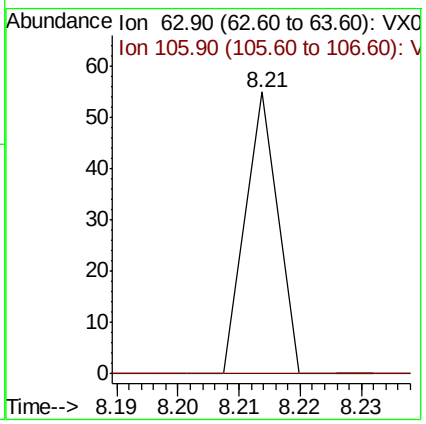


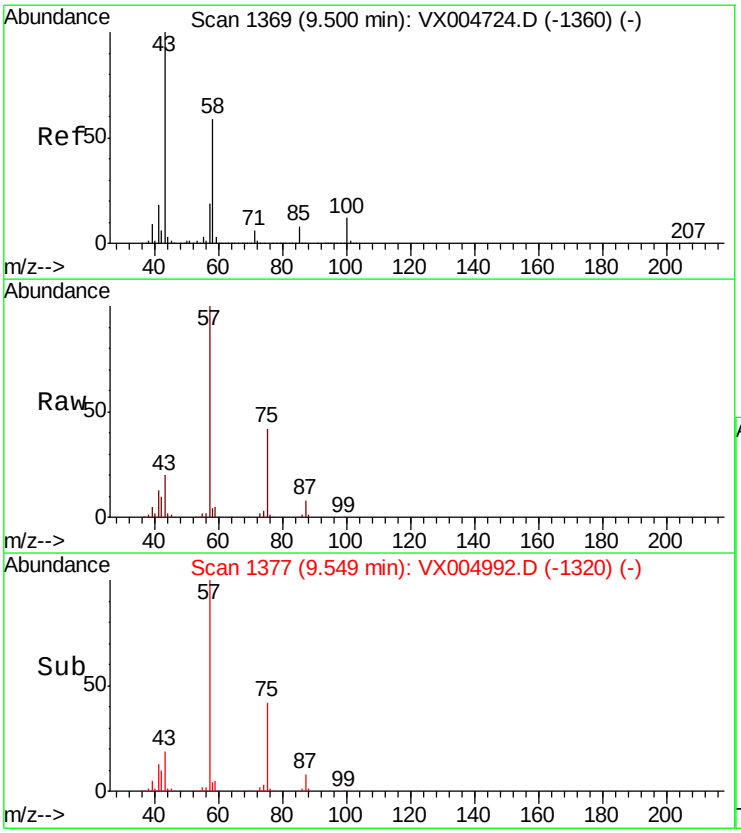
#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.21 min Scan# 1158
Delta R.T. -0.10 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

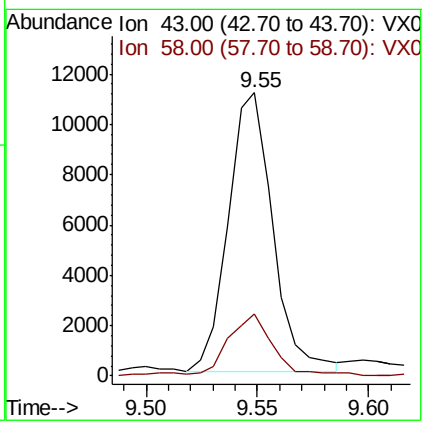


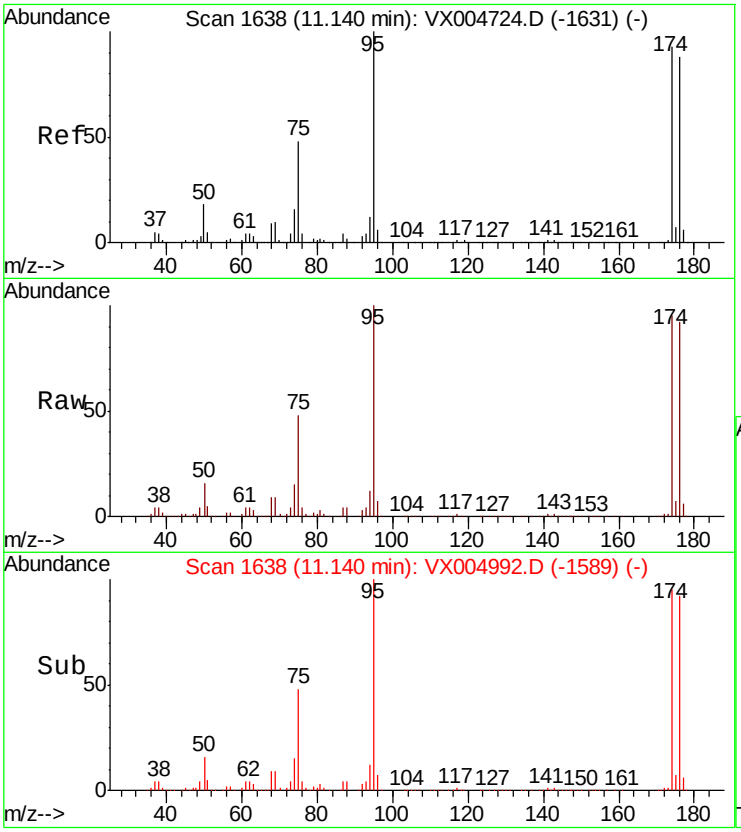


#59
2-Hexanone
Concen: 3.059 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 43 Resp: 15380

Ion	Ratio	Lower	Upper
43	100		
58	23.3	28.4	85.3#



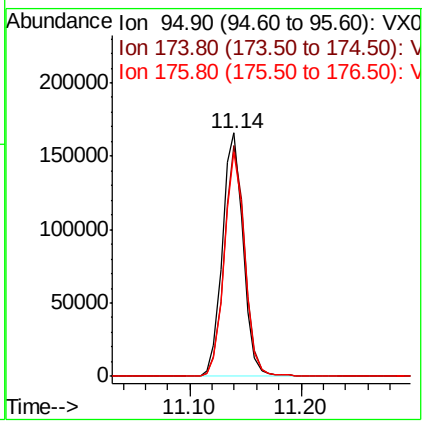


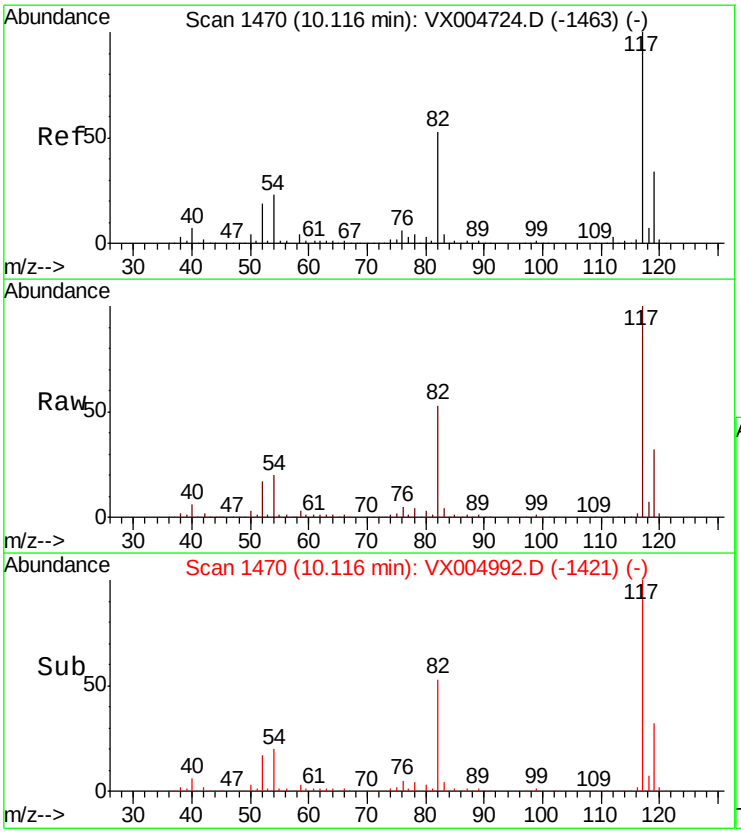
#62
4-Bromofluorobenzene
Concen: 48.939 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 95 Resp: 214870

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	185.0
176	90.2	0.0	180.2

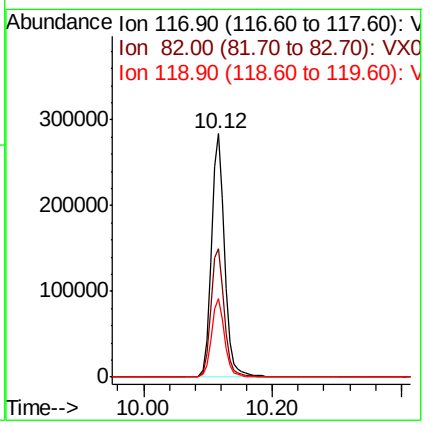


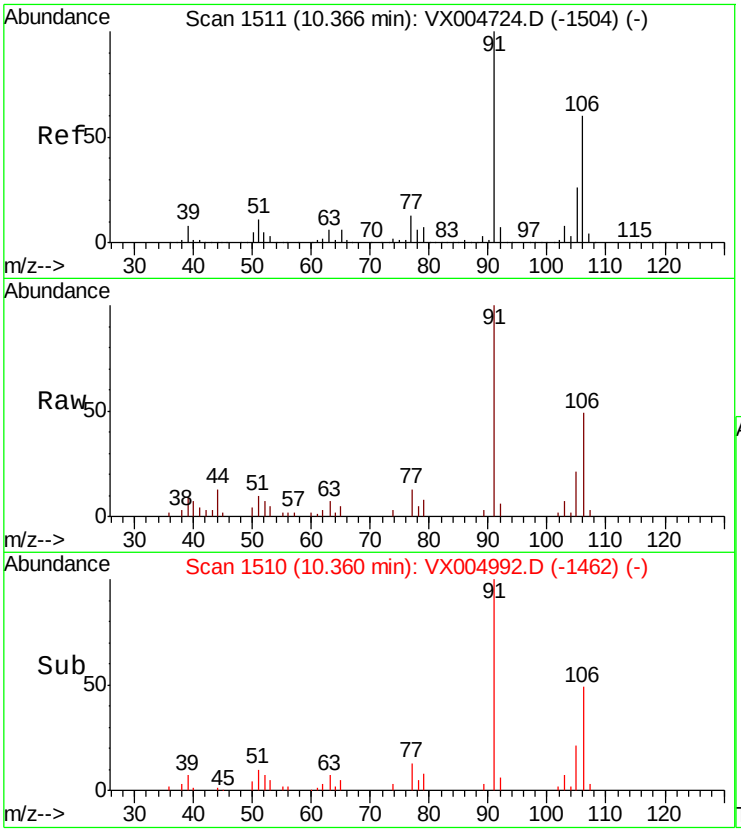


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion:117 Resp: 409304

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	32.4	27.4	41.0



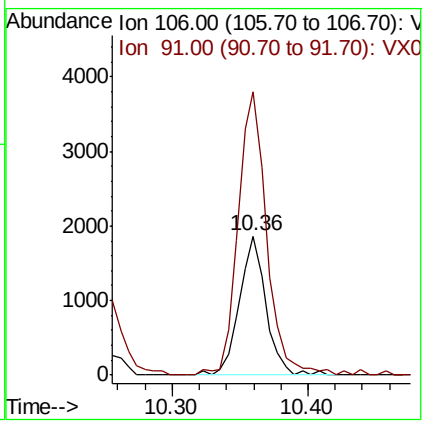


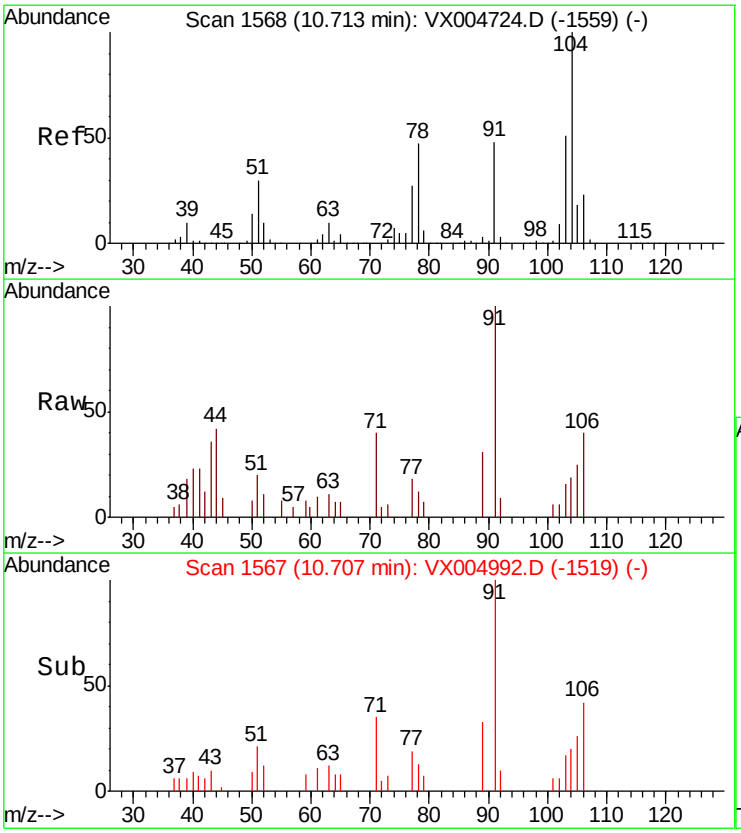
#68
m/p-Xylenes
Concen: 0.390 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument : MSVOA_X
ClientSampleId : PB113446ZHE#18

Tgt Ion:106 Resp: 2540

Ion	Ratio	Lower	Upper
106	100		
91	218.4	157.5	236.3

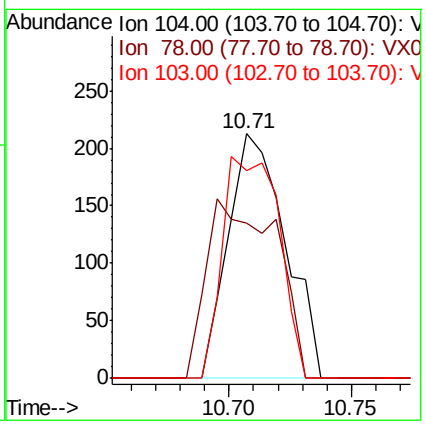


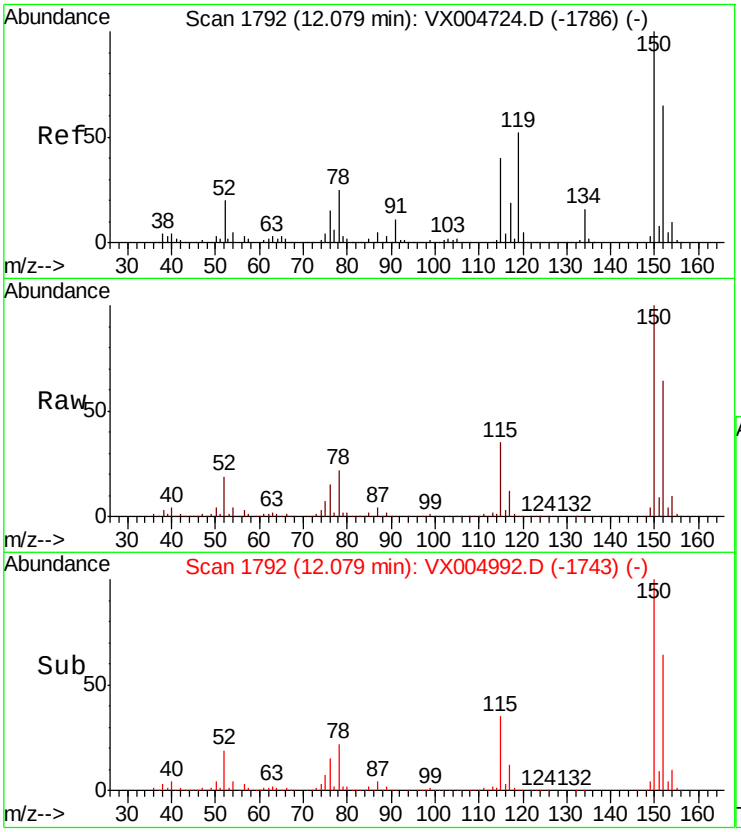


#70
Styrene
Concen: 2.170 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion:104 Resp: 346

Ion	Ratio	Lower	Upper
104	100		
78	88.7	40.0	60.0#
103	89.6	44.3	66.5#



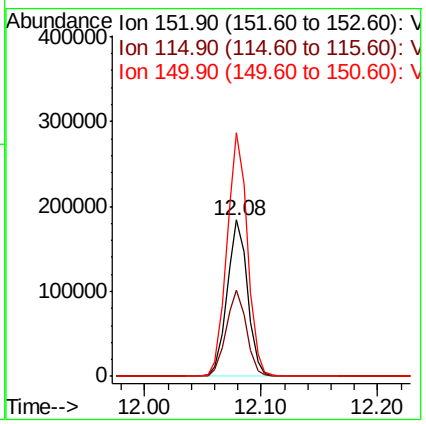


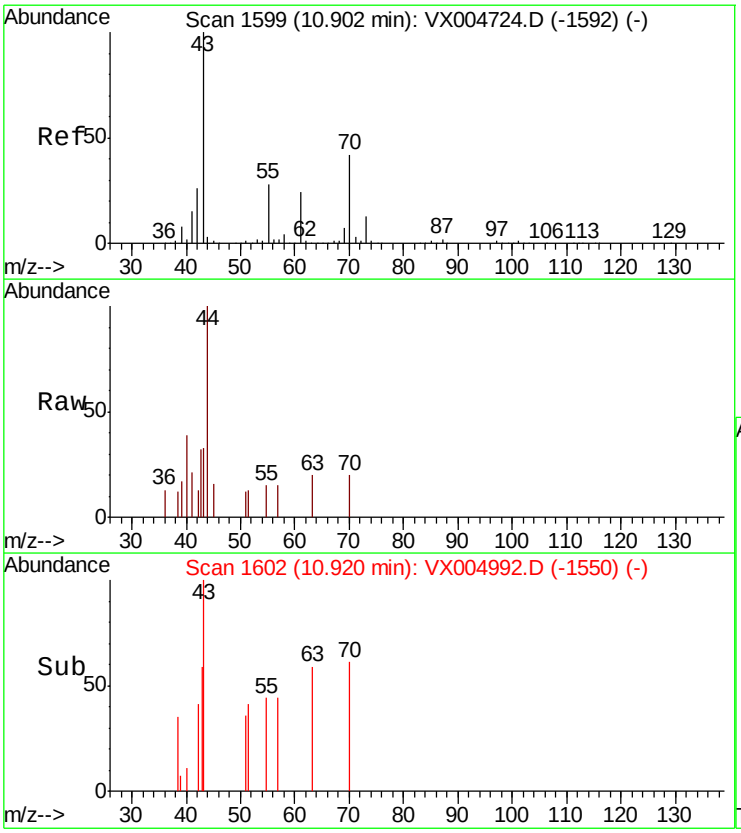
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion:152 Resp: 223517

Ion	Ratio	Lower	Upper
152	100		
115	54.8	40.2	120.6
150	156.0	0.0	351.0

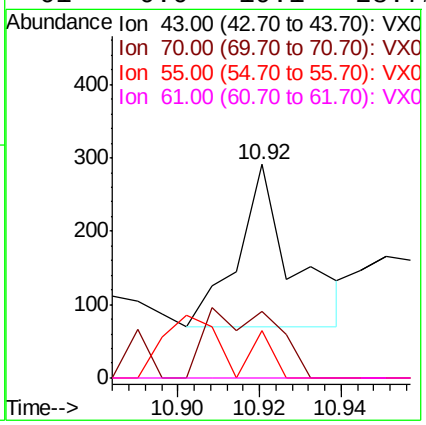


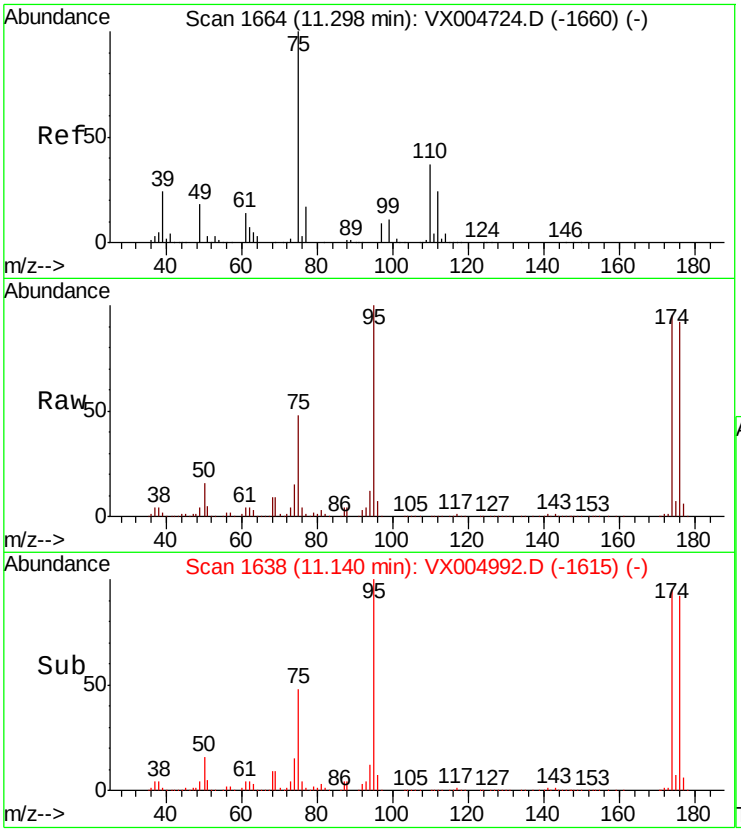


#74
N-amyl acetate
Concen: 1.774 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 43 Resp: 207

Ion	Ratio	Lower	Upper
43	100		
70	54.6	32.6	48.8#
55	48.3	21.6	32.4#
61	0.0	19.1	28.7#



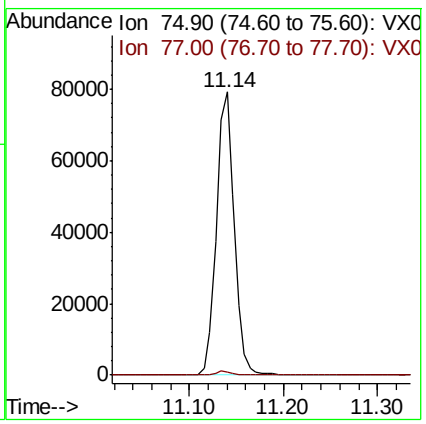


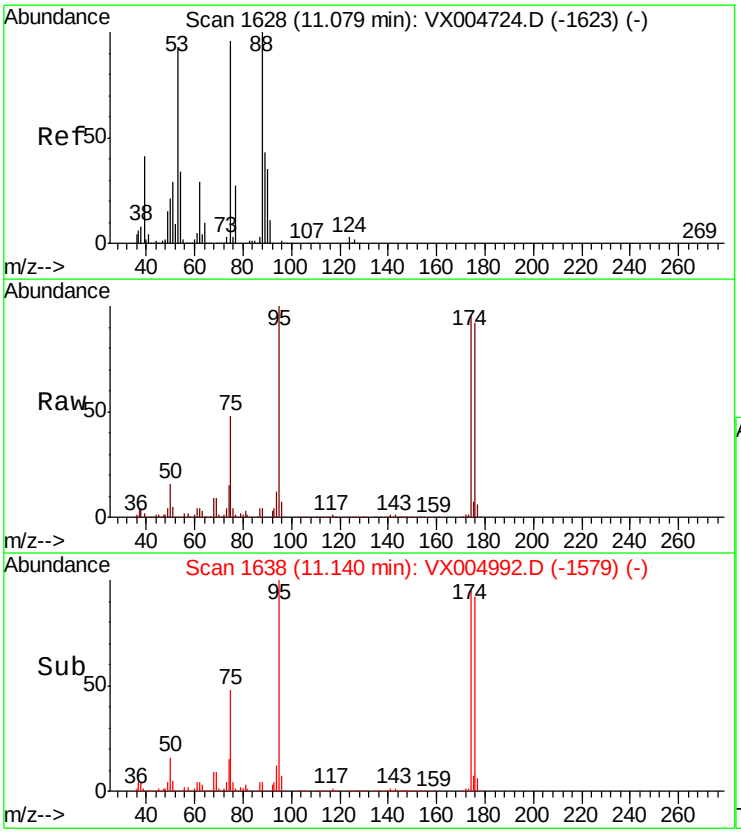
#76
1,2,3-Trichloropropane
Concen: 20.716 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion: 75 Resp: 103783

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

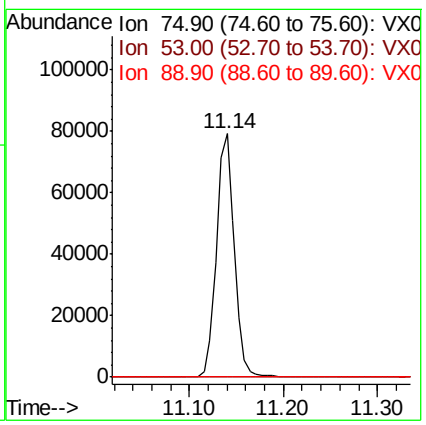


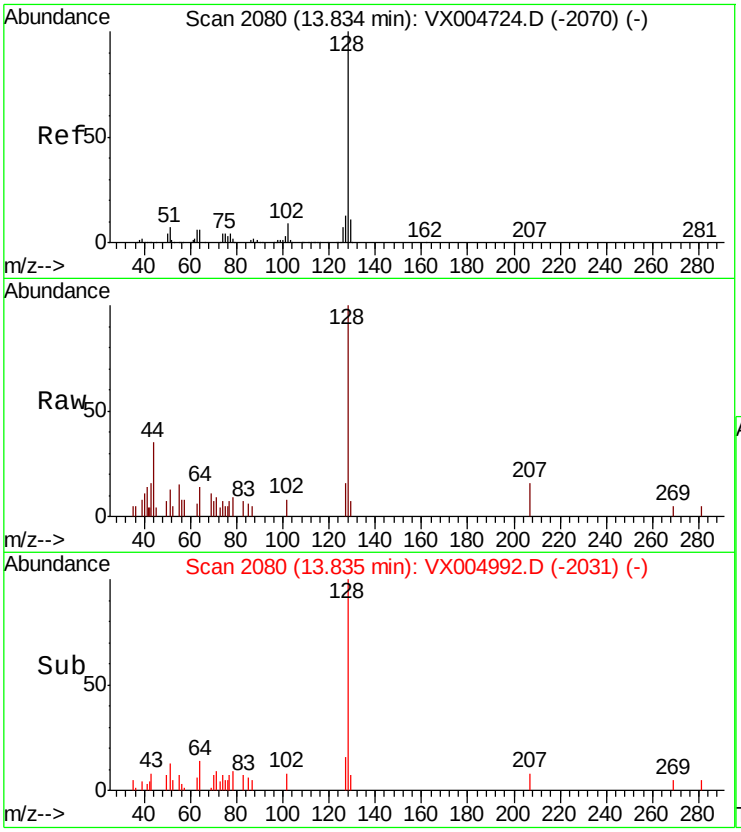


#81
trans-1,4-Dichloro-2-butene
Concen: 56.242 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 75 Resp: 103783

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.807 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

Tgt Ion:128 Resp: 1650

Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.4	15.6#
129	13.3	8.7	13.1#