Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
Data File : VX005276.D
Acq On : 12 Oct 2018 01:21
Operator : JC/MD
Sample : J5317-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-109D3-20181005

Quant Time: Oct 12 07:14:23 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	195674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147713	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.70%			
35) Dibromofluoromethane	5.50	113	129806	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.28%			
50) Toluene-d8	8.71	98	393197	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.14%			
62) 4-Bromofluorobenzene	11.14	95	137951	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	812	0.304	ug/l	85
3) Chloromethane	1.33	50	829	0.256	ug/l #	68
5) Bromomethane	1.63	94	422	0.234	ug/l #	44
6) Chloroethane	1.66	64	2658	Below Cal	#	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5795	2.707	ug/l	97
11) Tert butyl alcohol	3.03	59	2677	3.425	ug/l #	77
12) 1,1-Dichloroethene	2.38	96	1349	0.636	ug/l #	73
13) Acrolein	2.31	56	172	0.309	ug/l	95
16) Acetone	2.45	43	4843	2.968	ug/l #	88
18) Methyl Acetate	2.78	43	5092	1.232	ug/l	99
20) Methylene Chloride	2.85	84	356	Below Cal	#	77
24) 1,1-Dichloroethane	3.70	63	1343	0.289	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	2713	1.046	ug/l	88
30) Chloroform	5.21	83	1171	0.267	ug/l	84
31) Cyclohexane	5.66	56	3548	0.998	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	1729	0.482	ug/l #	49
36) 1,1-Dichloropropene	5.67	75	13233	4.270	ug/l #	45
38) Carbon Tetrachloride	5.77	117	2589	0.795	ug/l #	85
39) Methylcyclohexane	7.21	83	2063	0.652	ug/l #	1
44) Trichloroethene	7.21	130	169988	71.265	ug/l	97
49) 1,4-Dioxane	7.76	88	877	13.098	ug/l #	81
56) Ethyl methacrylate	9.43	69	19	2.867	ug/l #	1
60) Dibromochloromethane	9.34	129	870	0.372	ug/l #	10
64) Tetrachloroethene	9.34	164	880	0.333	ug/l	95
74) N-amyl acetate	10.92	43	135	1.773	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	69097	20.794	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	69097	56.445	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.82	105	205	Below Cal	#	31
95) Naphthalene	13.84	128	555	0.764	ug/l #	86

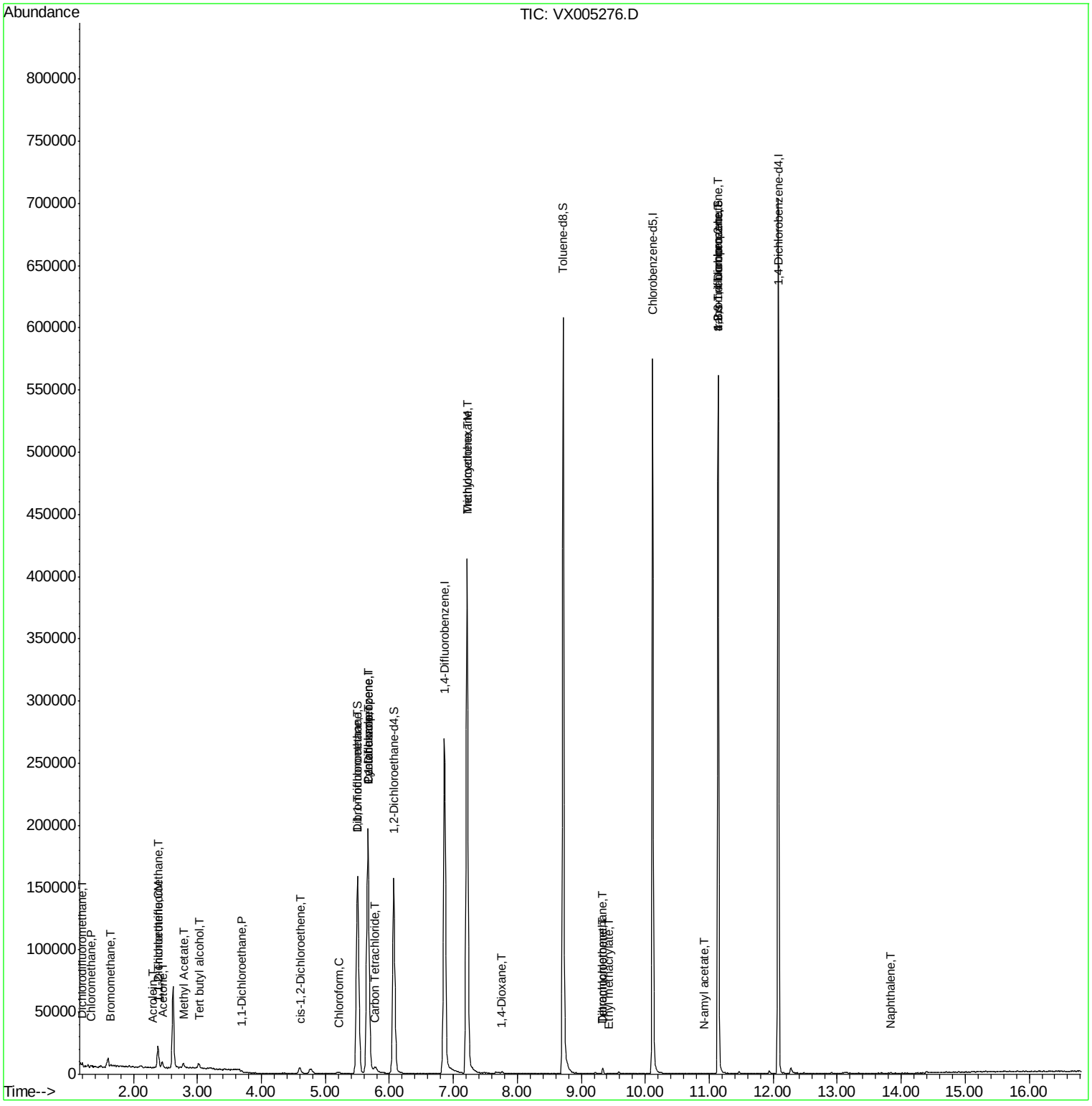
(#) = qualifier out of range (m) = manual integration (+) = signals summed

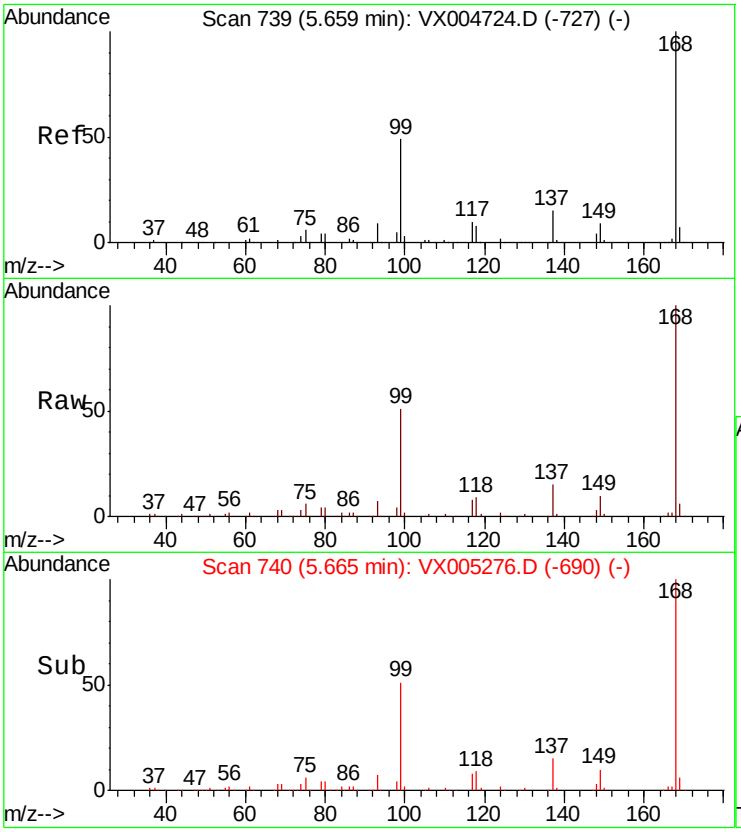
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005276.D
Acq On : 12 Oct 2018 01:21
Operator : JC/MD
Sample : J5317-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Quant Time: Oct 12 07:14:23 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



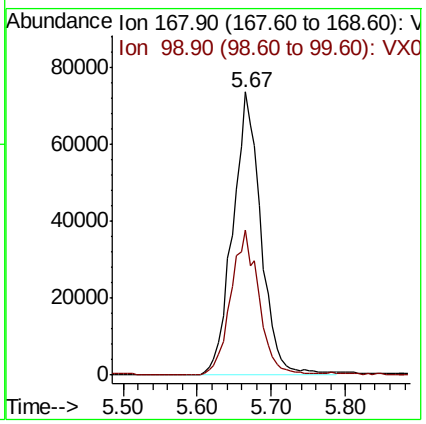


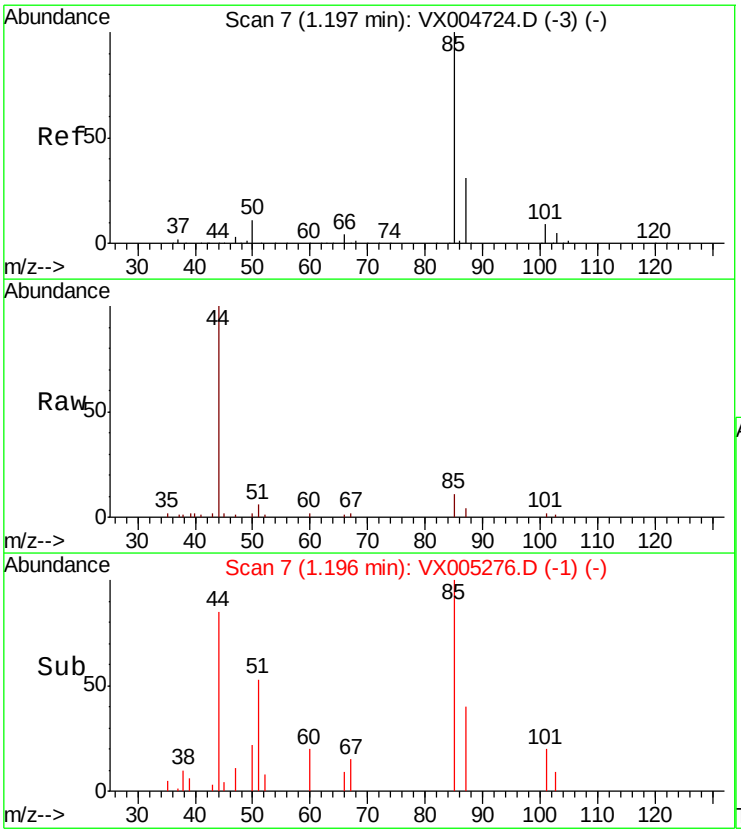
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion:168 Resp: 195674

Ion	Ratio	Lower	Upper
168	100		
99	51.5	39.3	58.9

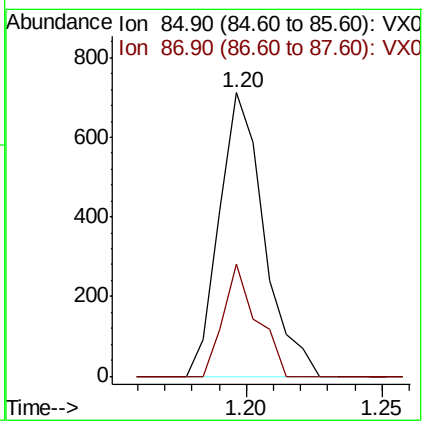


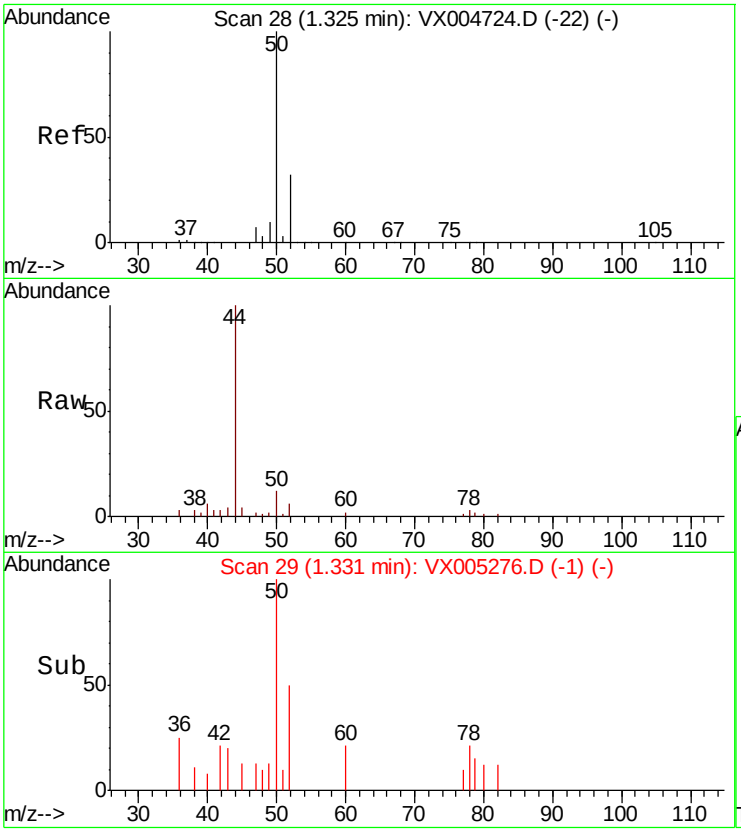


#2
Dichlorodifluoromethane
Concen: 0.304 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 85 Resp: 812

Ion	Ratio	Lower	Upper
85	100		
87	39.7	15.7	47.1



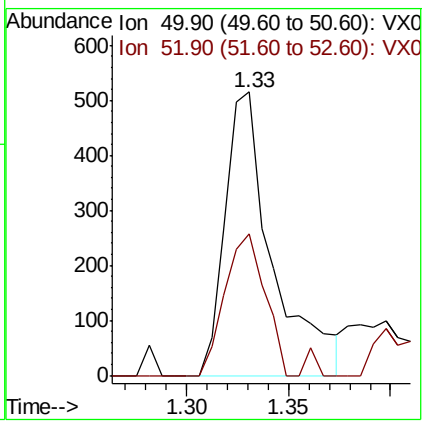


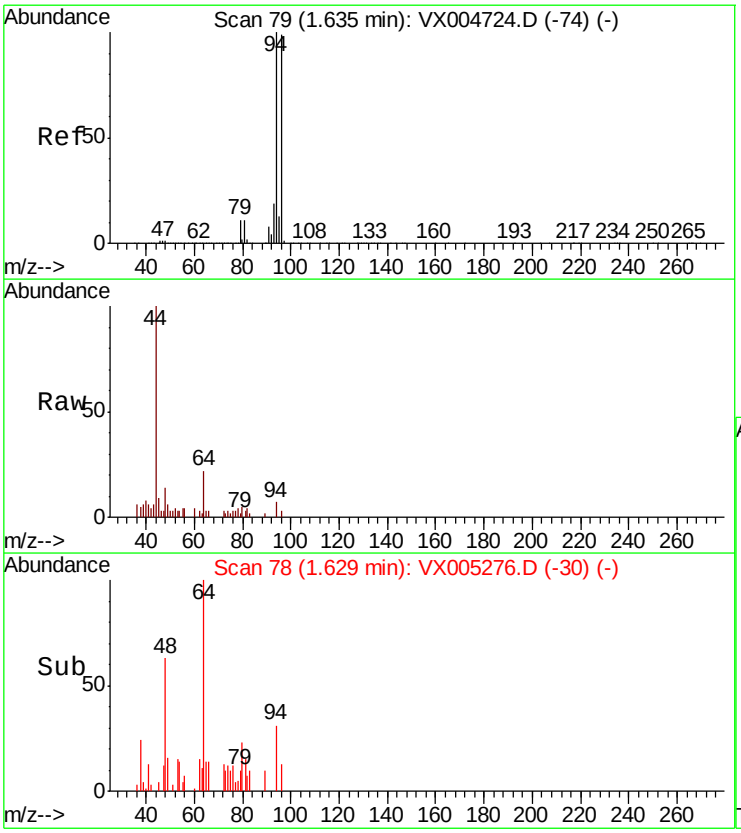
#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 50 Resp: 829

Ion	Ratio	Lower	Upper
50	100		
52	50.1	25.8	38.6#

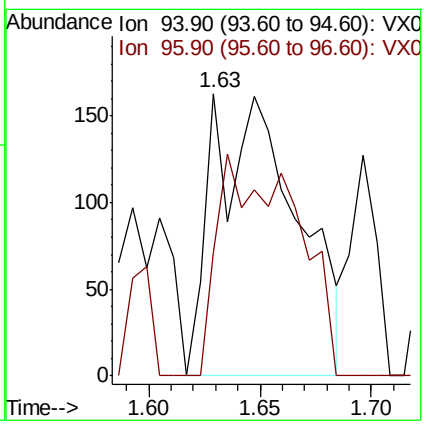


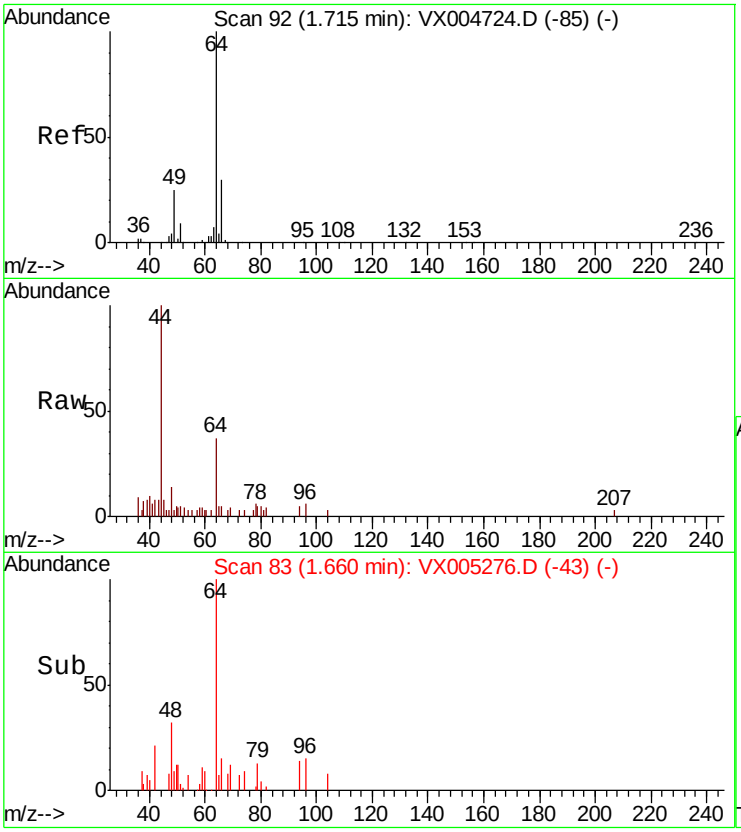


#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.63 min Scan# 78
Delta R.T. -0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 94 Resp: 422

Ion	Ratio	Lower	Upper
94	100		
96	43.6	79.5	119.3#



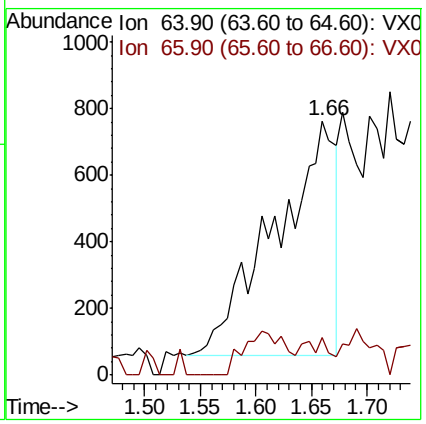


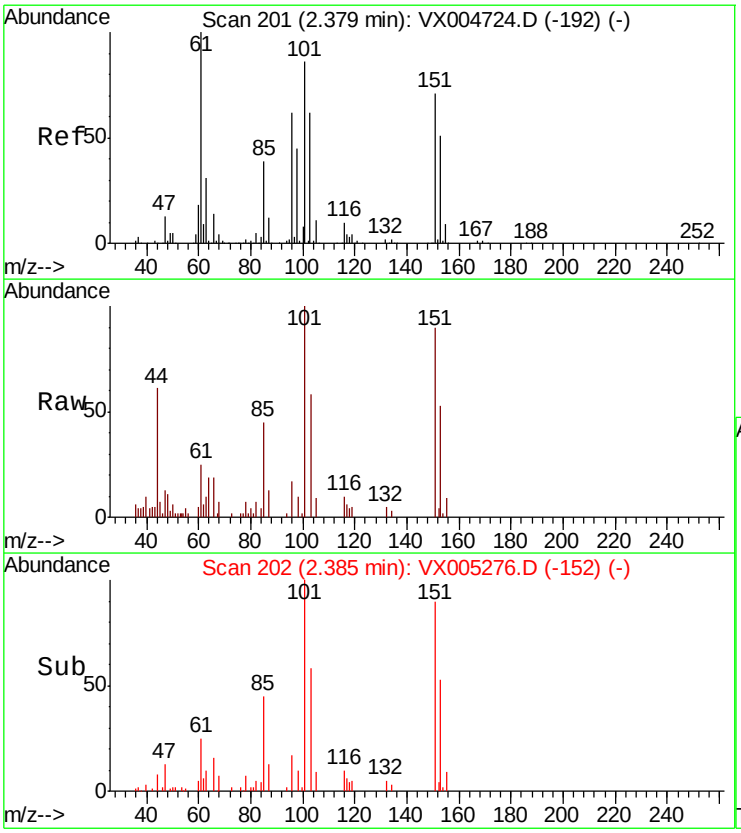
#6
Chloroethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. -0.05 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 64 Resp: 2658

Ion	Ratio	Lower	Upper
64	100		
66	16.0	23.8	35.6#

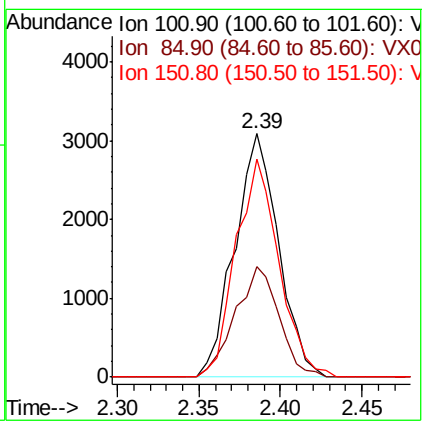


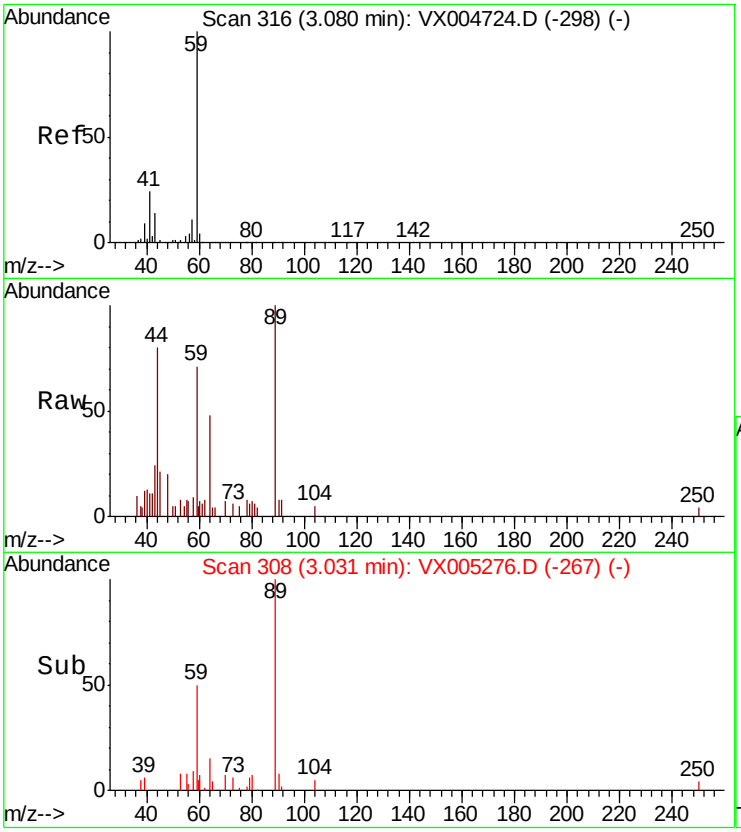


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.707 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:101 Resp: 5795

Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.9	53.9
151	87.8	66.6	100.0



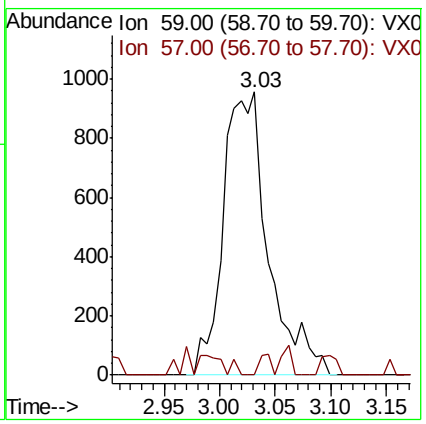


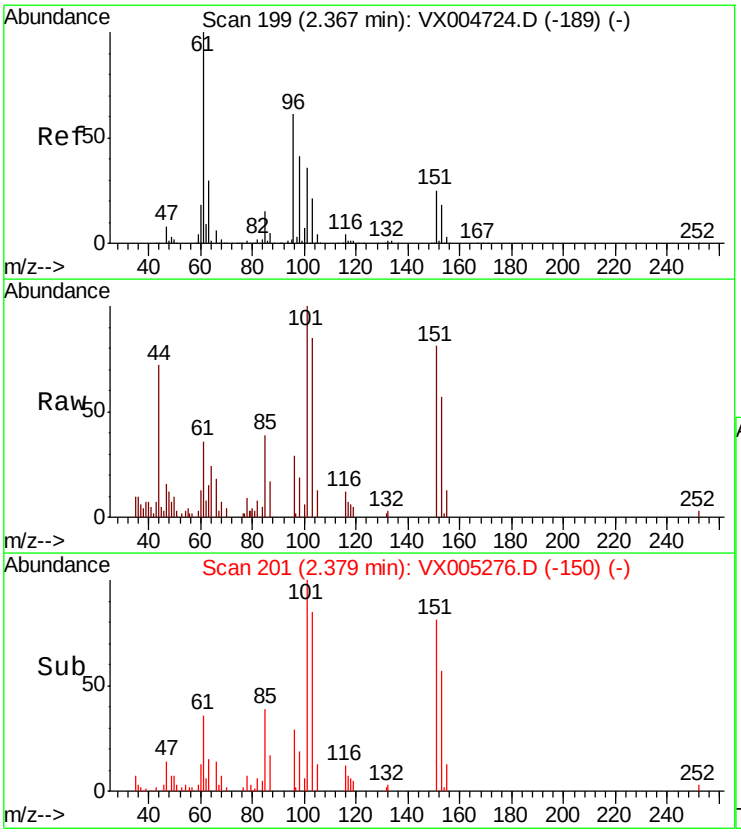
#11
Tert butyl alcohol
Concen: 3.425 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.05 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument : MSVOA_X
ClientSampleId : RE-109D3-20181005

Tgt Ion: 59 Resp: 2677

Ion	Ratio	Lower	Upper
59	100		
57	1.9	8.6	12.8#

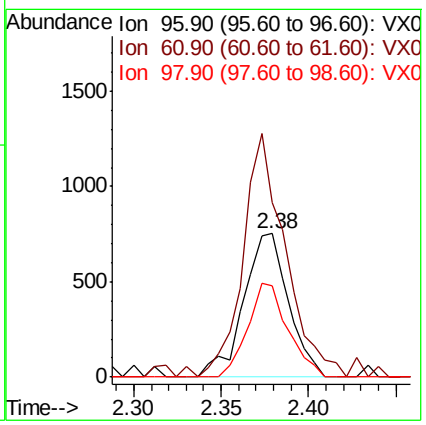


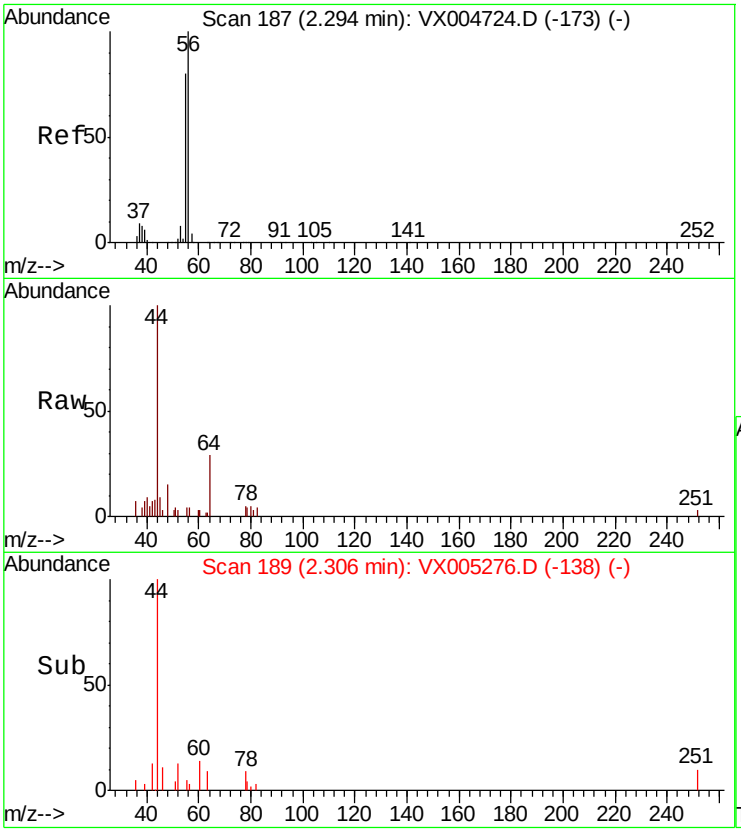


#12
1,1-Dichloroethene
Concen: 0.636 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 96 Resp: 1349

Ion	Ratio	Lower	Upper
96	100		
61	113.9	130.2	195.4#
98	63.3	53.4	80.0



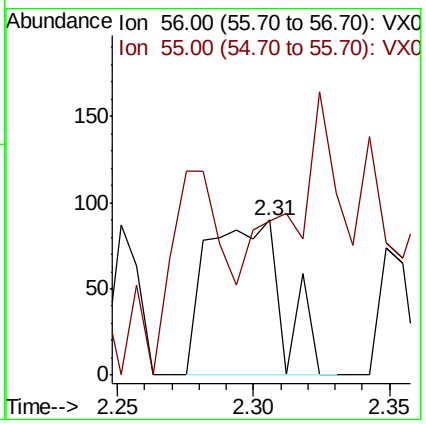


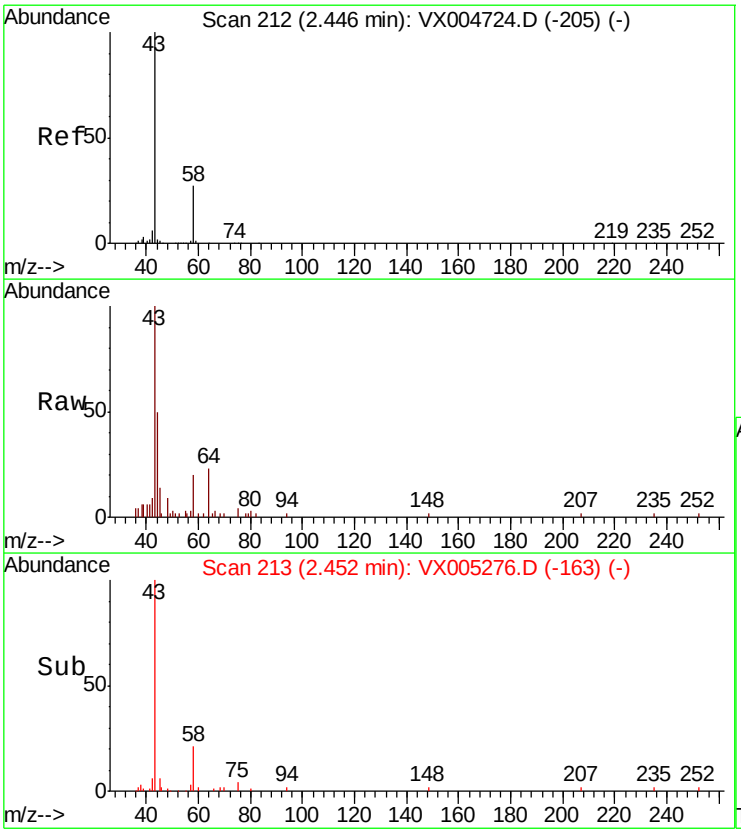
#13
Acrolein
Concen: 0.309 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	75.0	63.4	95.2

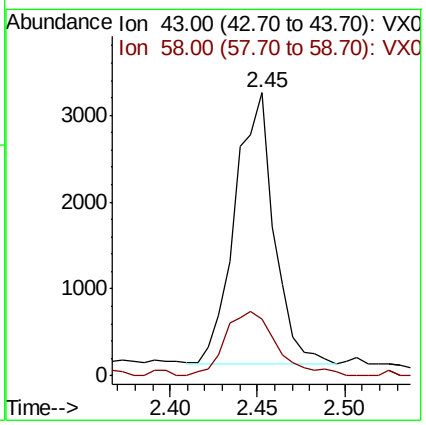


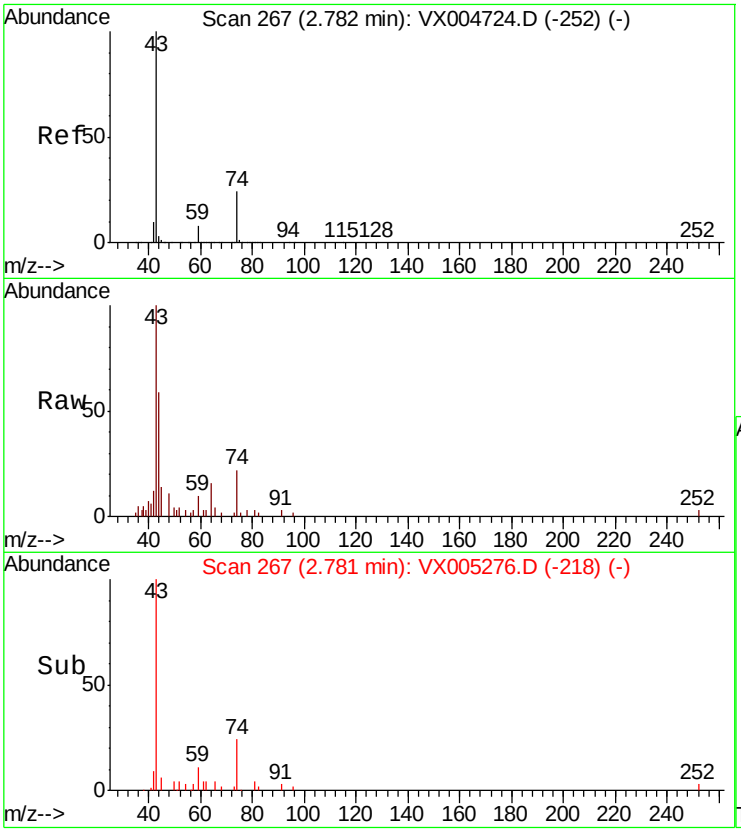


#16
Acetone
Concen: 2.968 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 43 Resp: 4843

Ion	Ratio	Lower	Upper
43	100		
58	21.1	21.8	32.6#



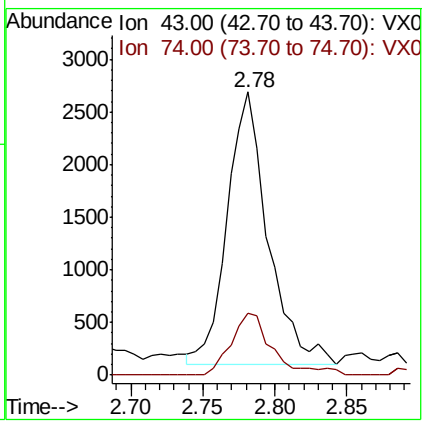


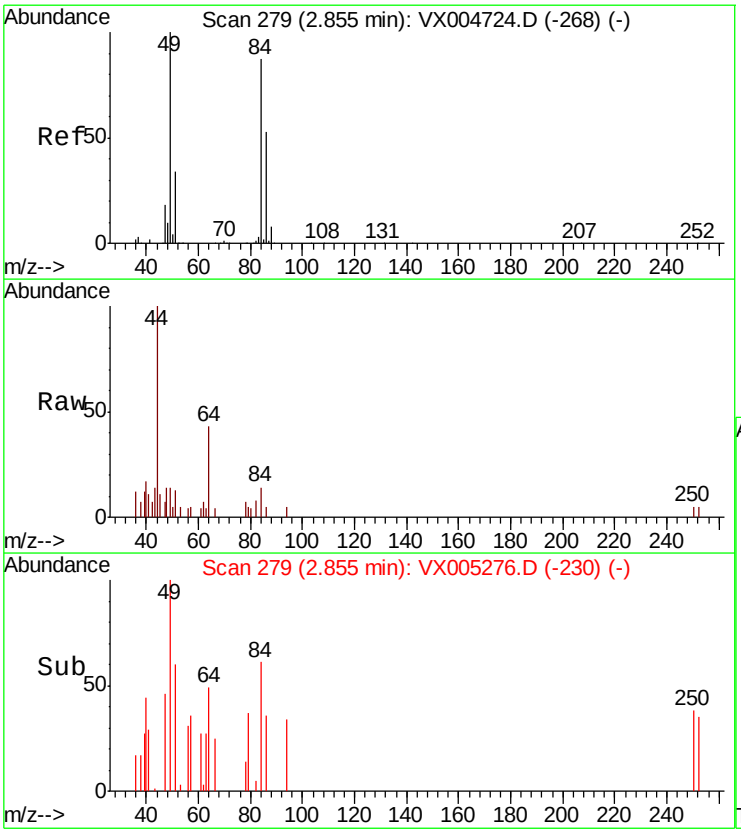
#18
Methyl Acetate
Concen: 1.232 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 43 Resp: 5092

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.8	26.8

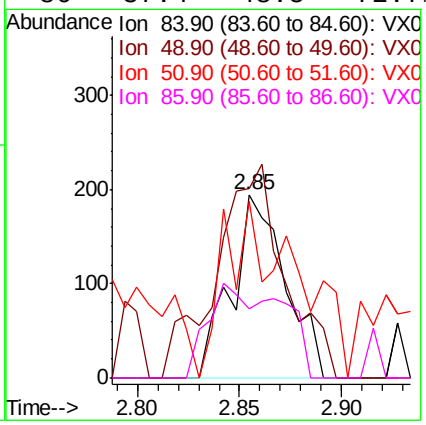


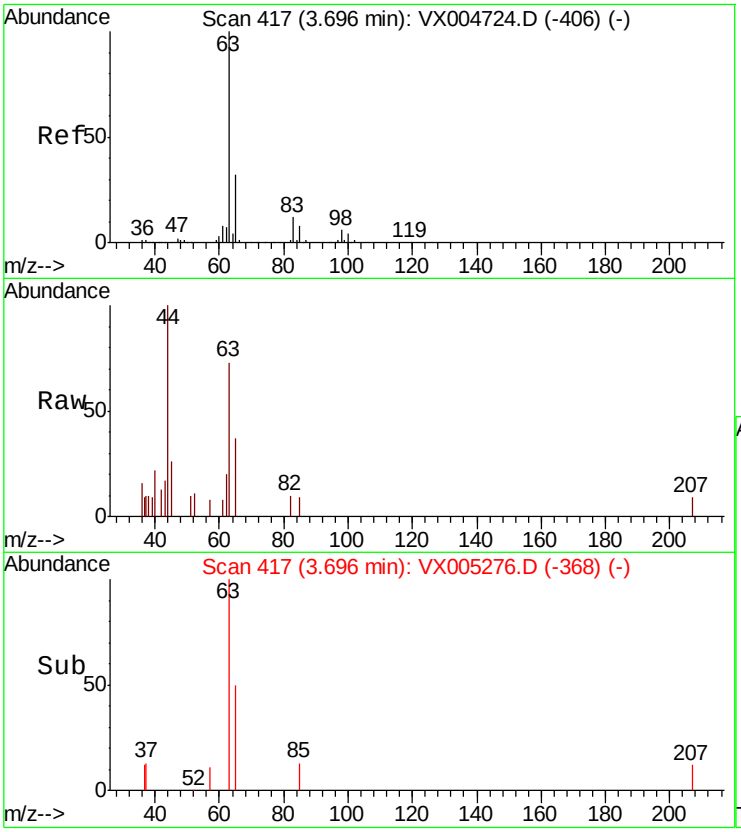


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 84 Resp: 356

Ion	Ratio	Lower	Upper
84	100		
49	103.1	92.3	138.5
51	69.2	31.8	47.6#
86	37.4	48.5	72.7#



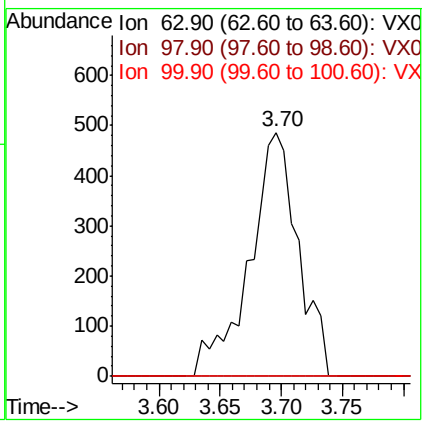


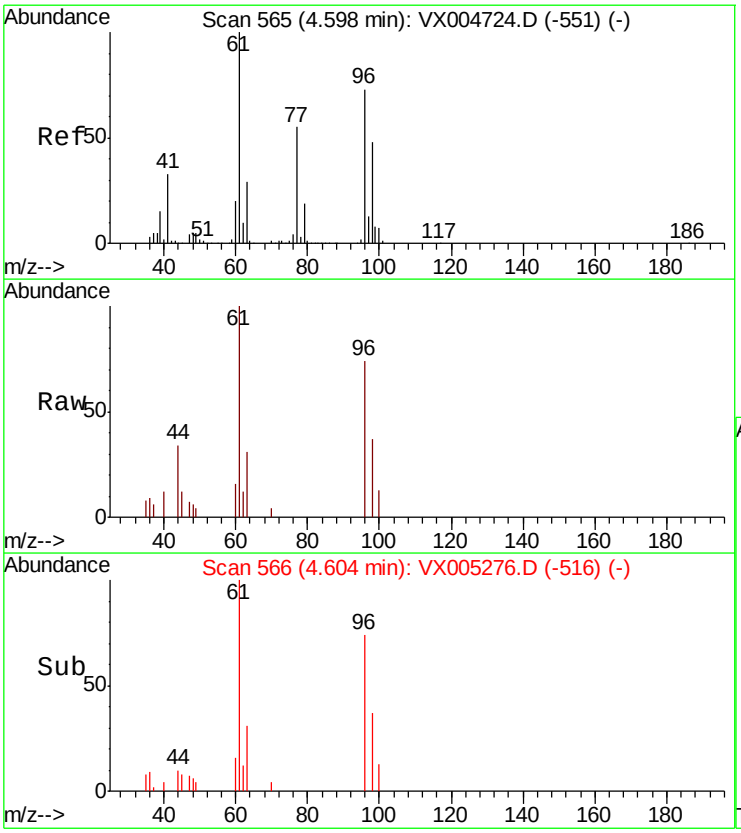
#24
1,1-Dichloroethane
Concen: 0.289 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 63 Resp: 1343

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.0	9.2#
100	0.0	2.0	5.8#

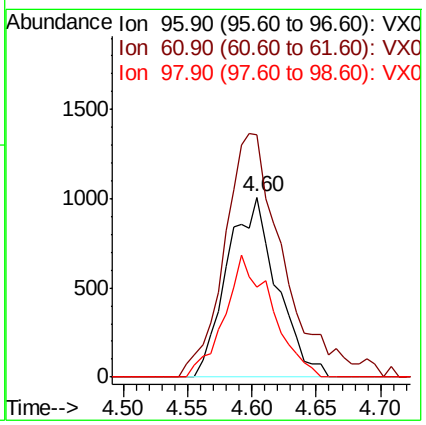


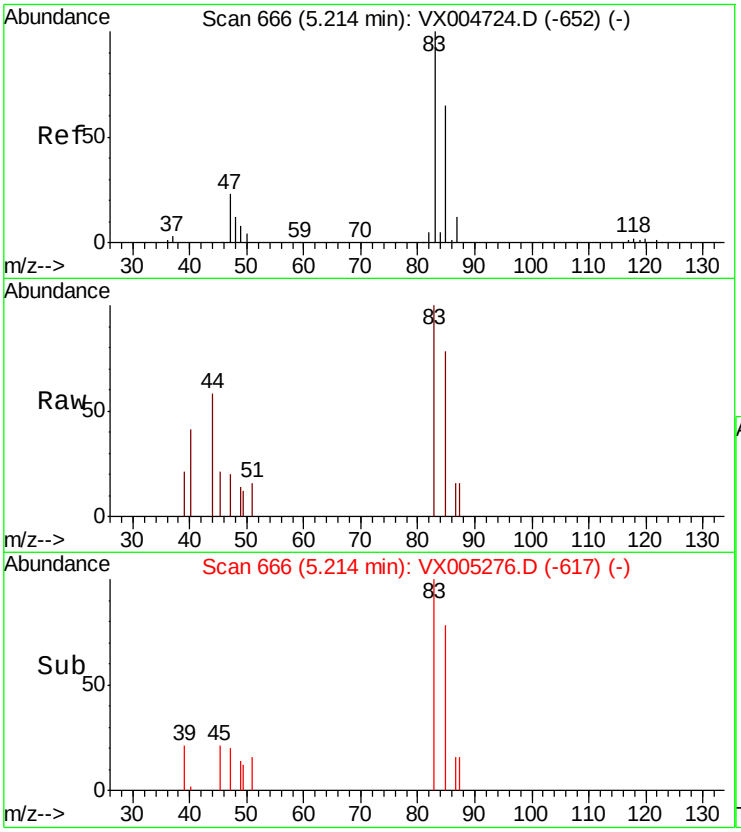


#27
cis-1,2-Dichloroethene
Concen: 1.046 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 96 Resp: 2713

Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	285.8
98	64.5	0.0	136.2



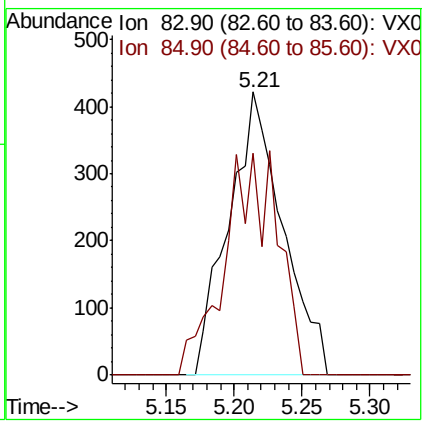


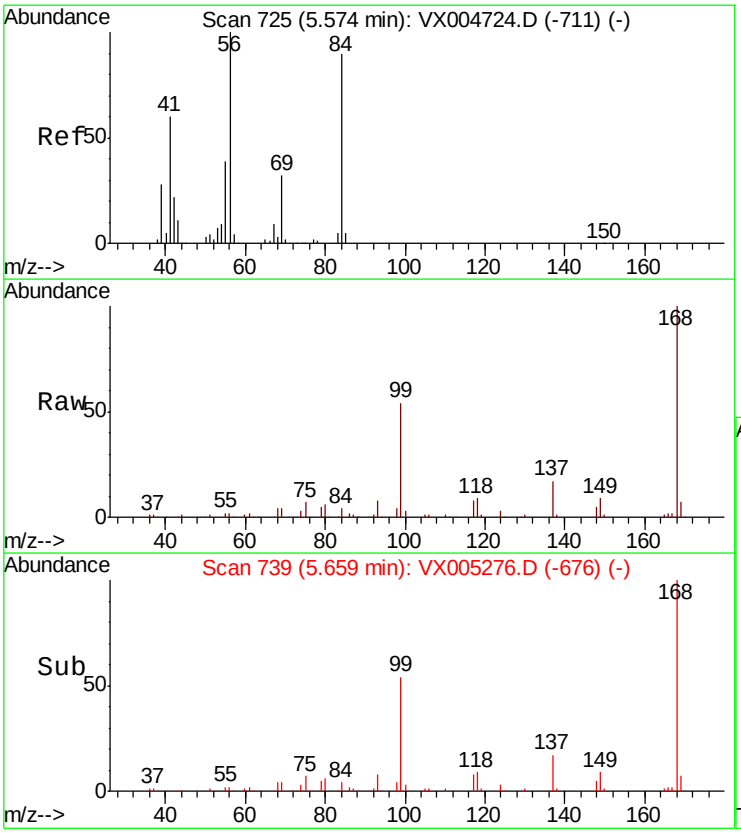
#30
Chloroform
Concen: 0.267 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 83 Resp: 1171

Ion	Ratio	Lower	Upper
83	100		
85	78.2	52.4	78.6

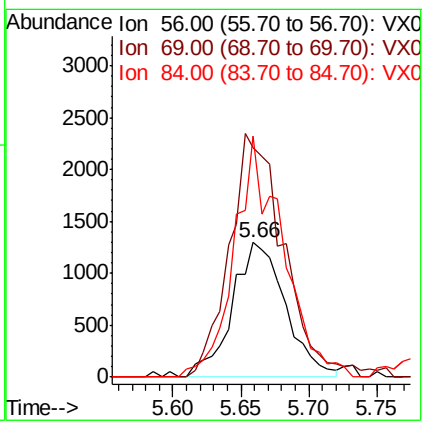


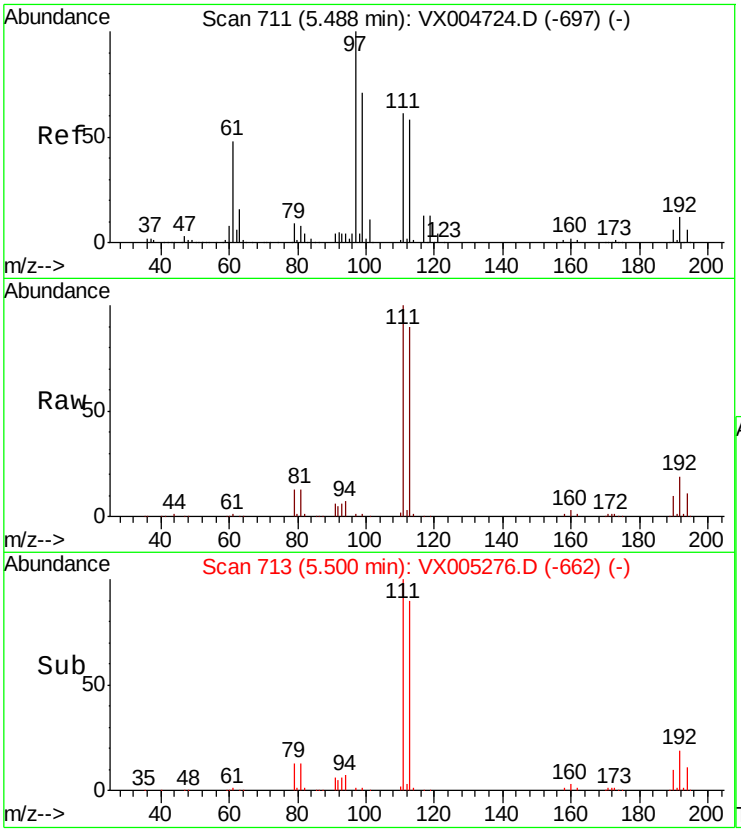


#31
Cyclohexane
Concen: 0.998 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 56 Resp: 3548

Ion	Ratio	Lower	Upper
56	100		
69	170.6	25.9	38.9#
84	172.7	71.9	107.9#



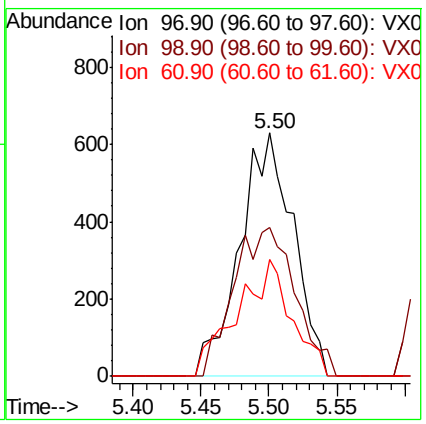


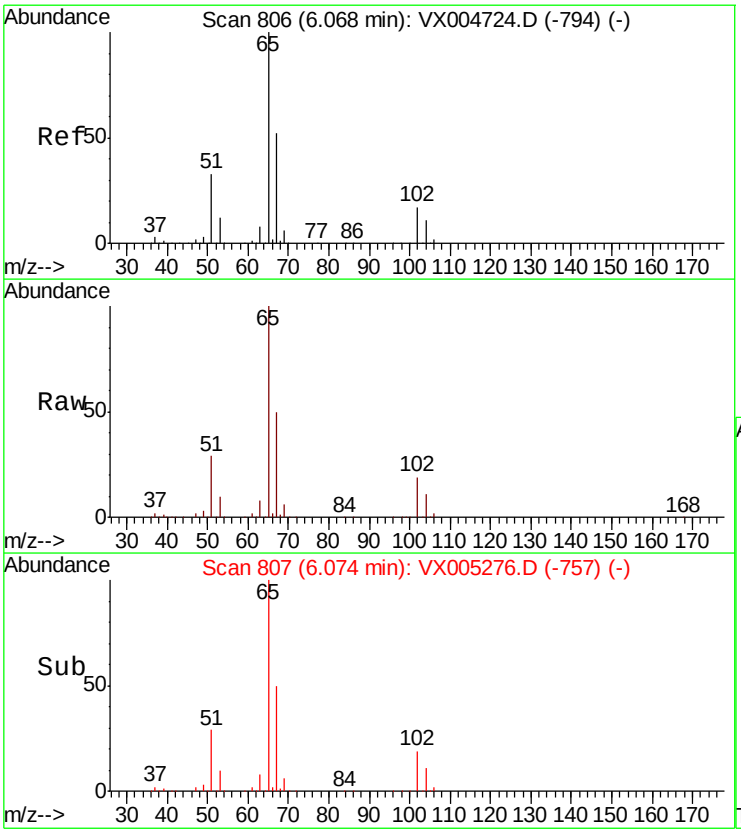
#32
1,1,1-Trichloroethane
Concen: 0.482 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 97 Resp: 1729

Ion	Ratio	Lower	Upper
97	100		
99	0.0	54.6	82.0#
61	49.0	37.5	56.3

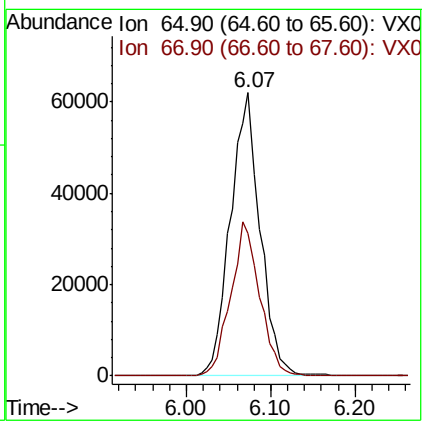


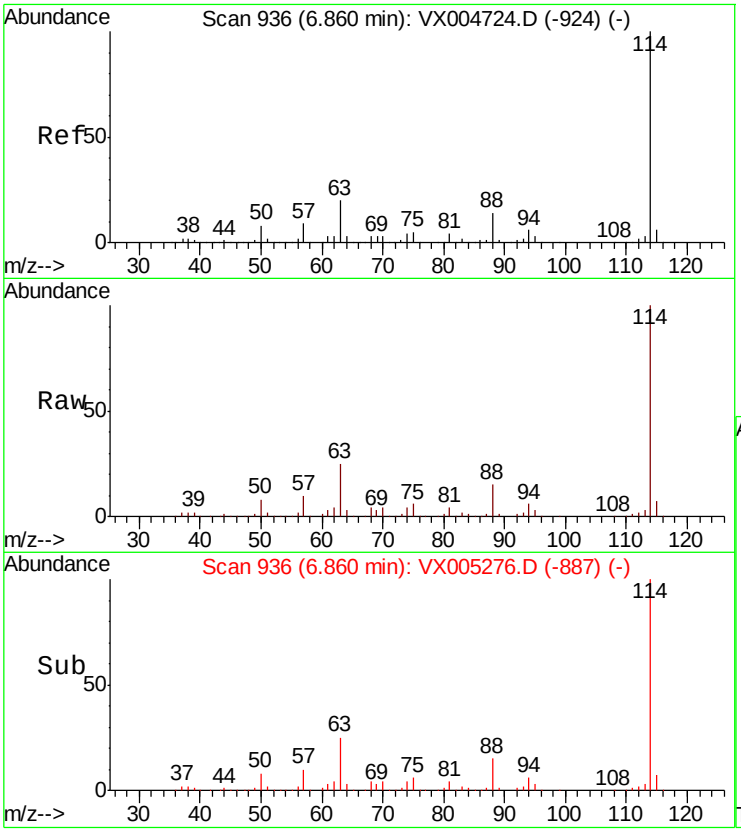


#33
1,2-Dichloroethane-d4
Concen: 52.845 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 65 Resp: 147713

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4



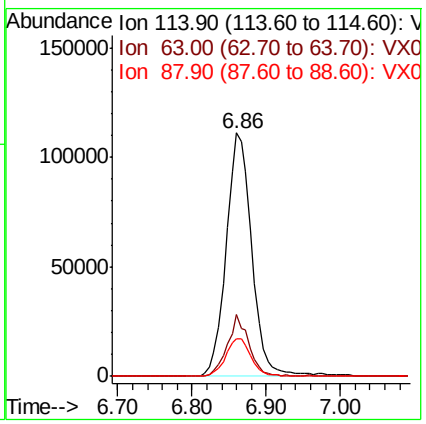


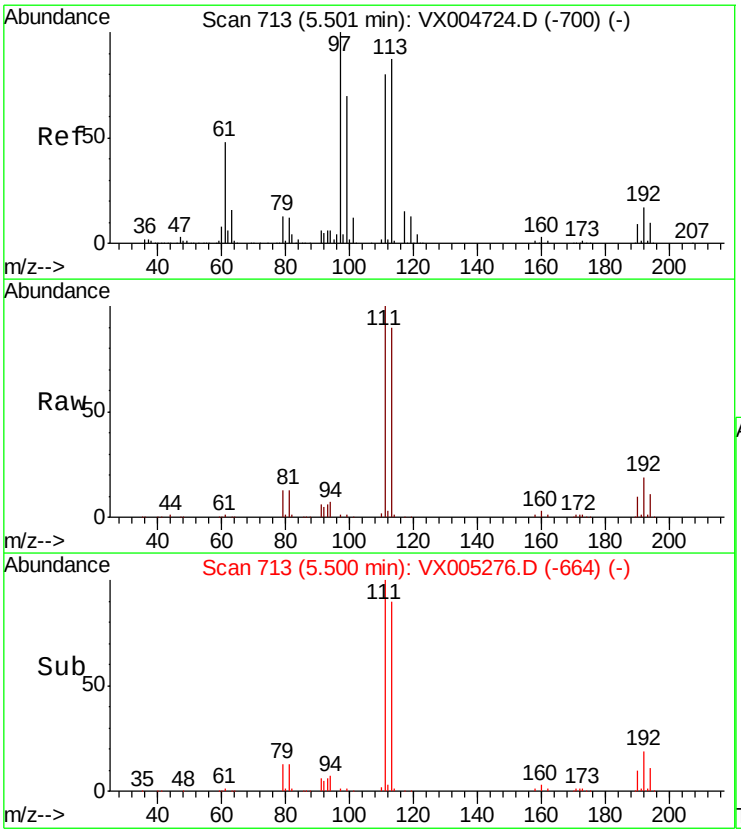
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion:114 Resp: 268033

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	39.8
88	15.3	0.0	27.0

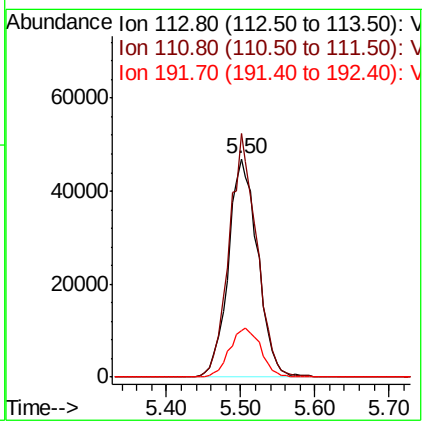


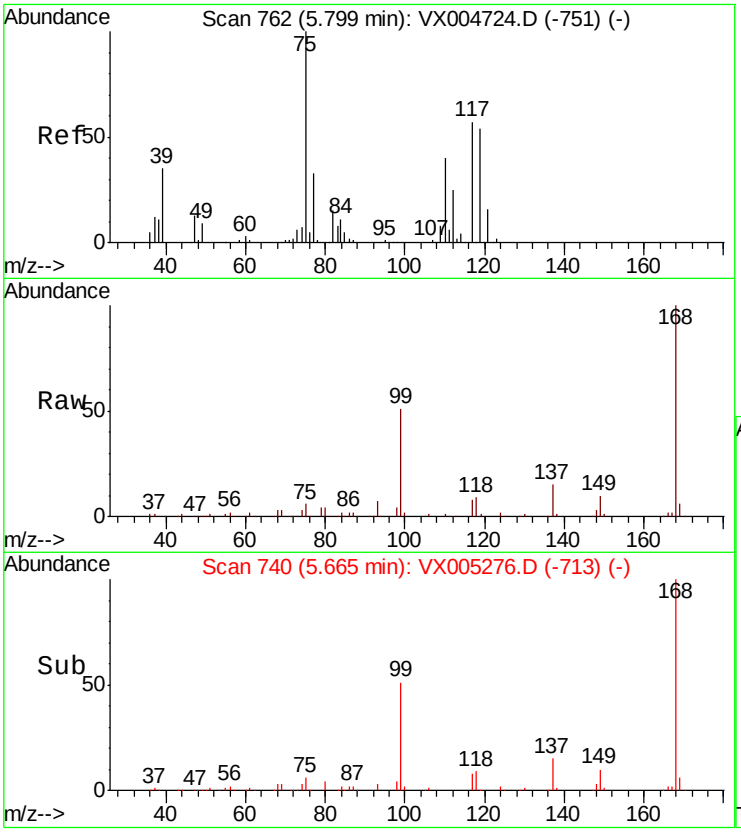


#35
Dibromofluoromethane
Concen: 57.143 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:113 Resp: 129806

Ion	Ratio	Lower	Upper
113	100		
111	105.1	77.0	115.4
192	23.7	17.0	25.6



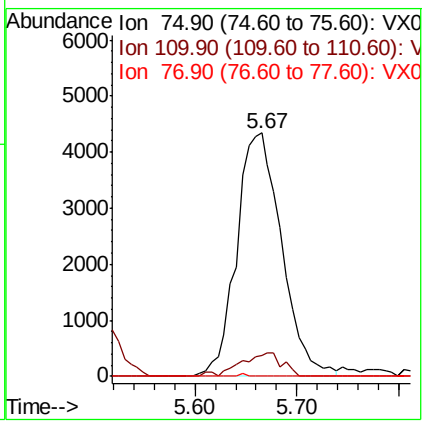


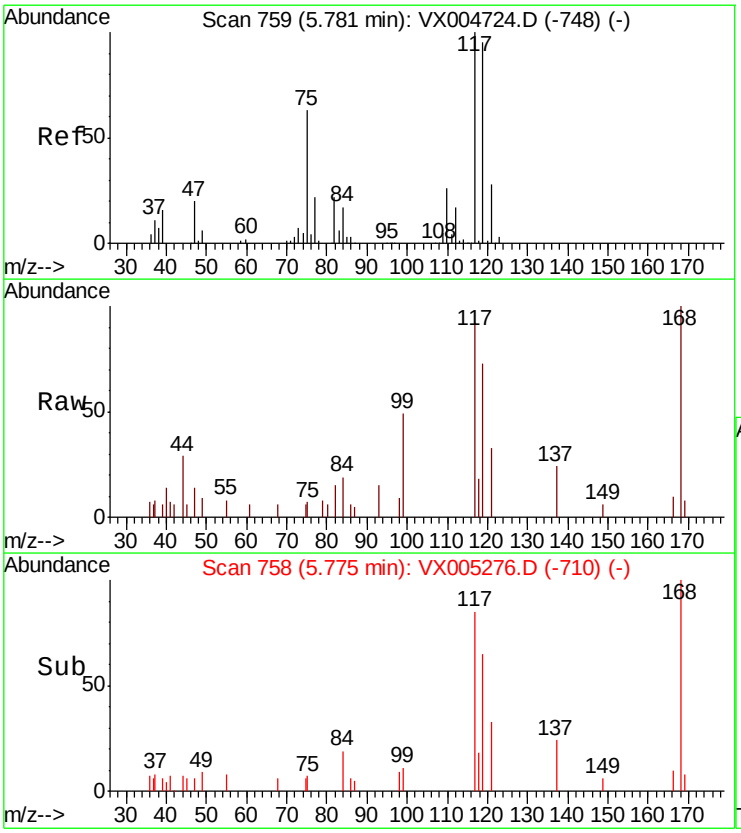
#36
1,1-Dichloropropene
Concen: 4.270 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 75 Resp: 13233

Ion	Ratio	Lower	Upper
75	100		
110	8.5	20.0	59.9#
77	0.0	27.1	40.7#

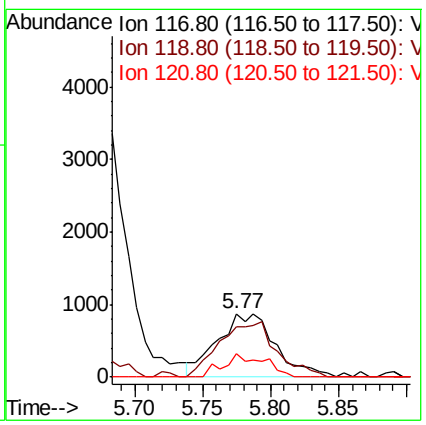


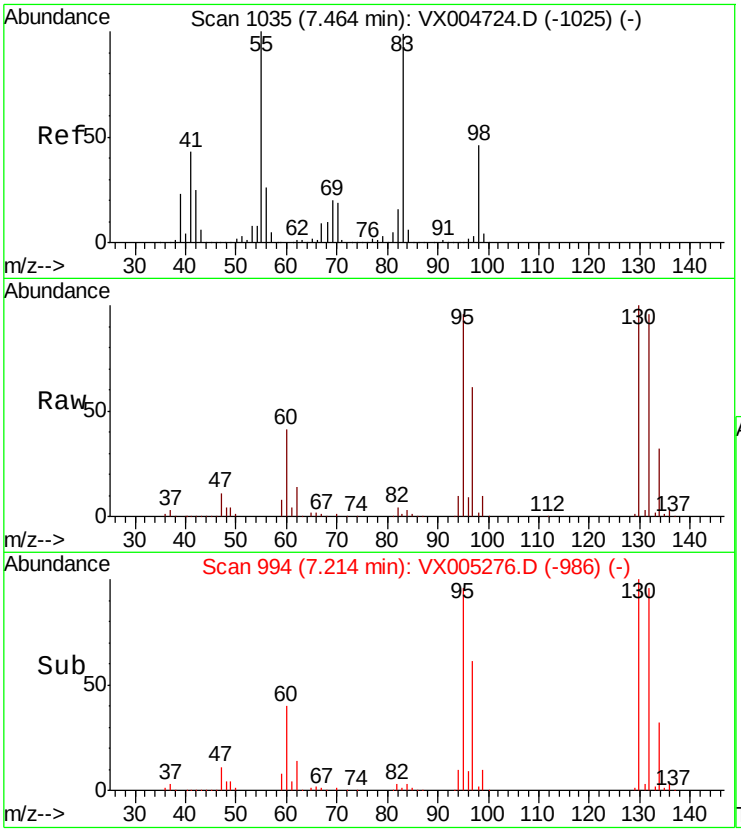


#38
Carbon Tetrachloride
Concen: 0.795 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:117 Resp: 2589

Ion	Ratio	Lower	Upper
117	100		
119	79.0	75.2	112.8
121	36.1	22.5	33.7#



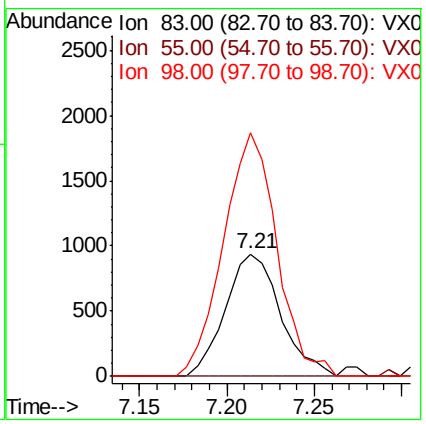


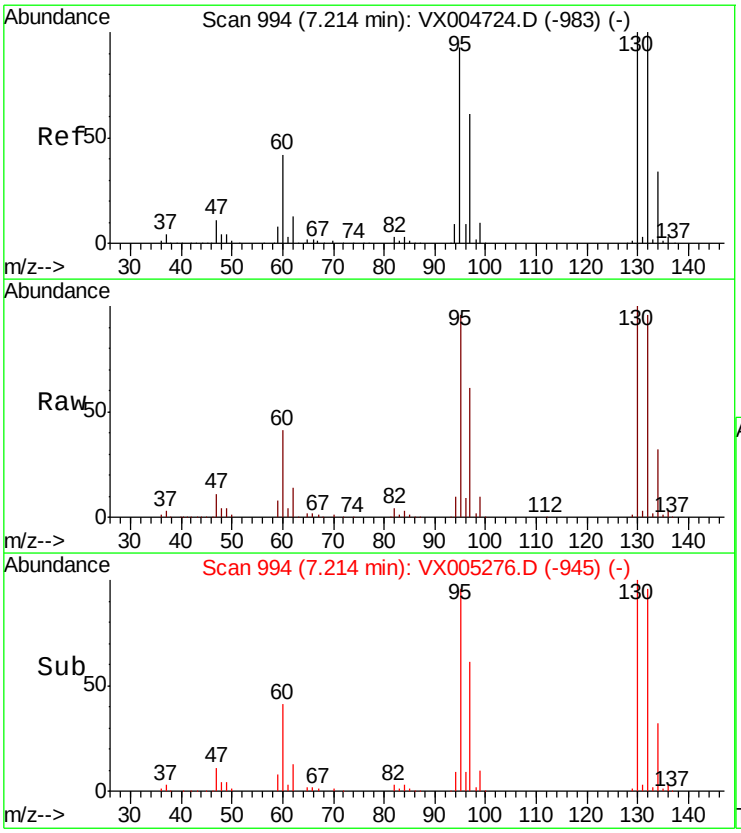
#39
Methylcyclohexane
Concen: 0.652 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 83 Resp: 2063

Ion	Ratio	Lower	Upper
83	100		
55	0.0	81.1	121.7#
98	199.3	37.3	55.9#

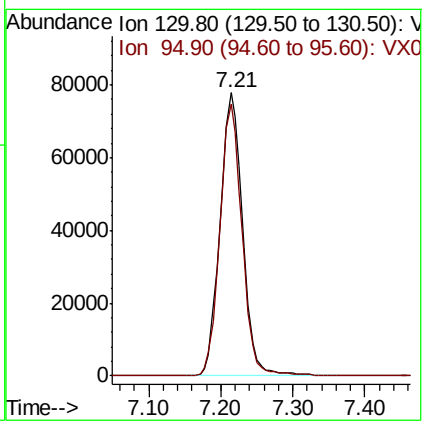


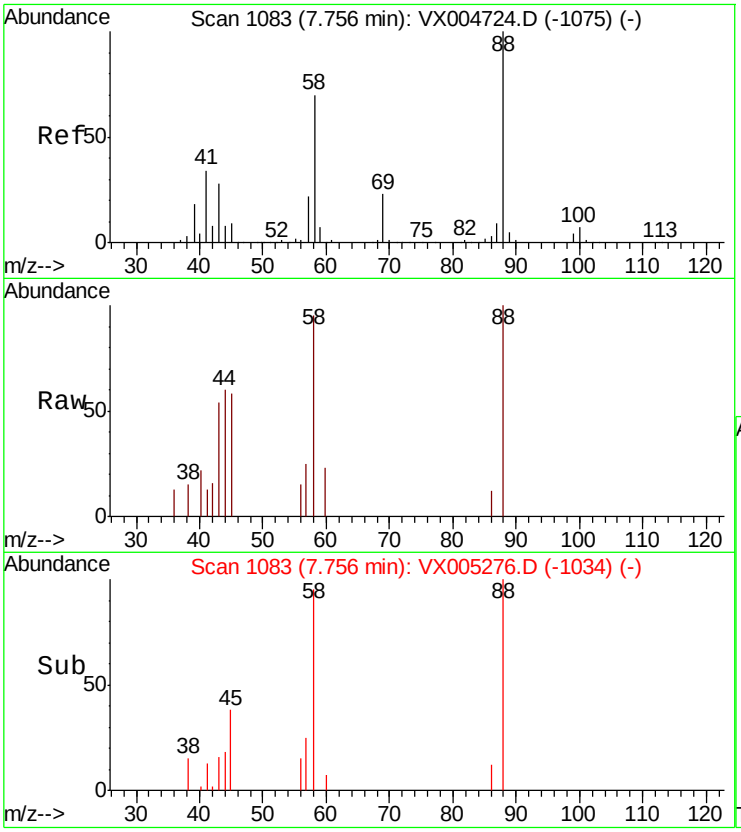


#44
Trichloroethene
Concen: 71.265 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:130 Resp: 169988

Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	186.8



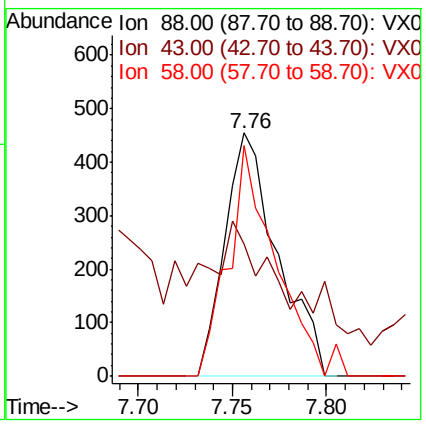


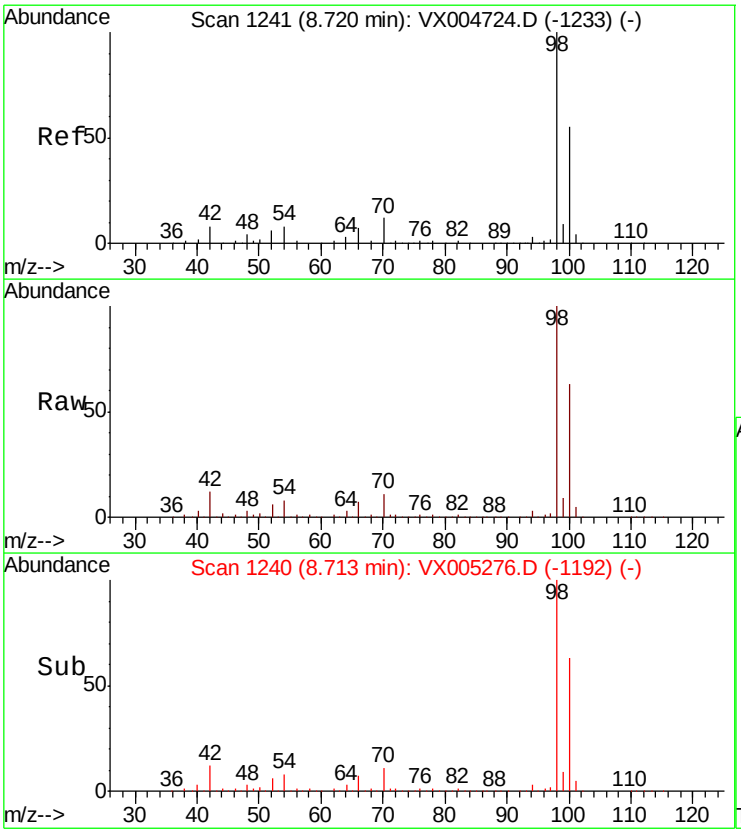
#49
1,4-Dioxane
Concen: 13.098 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 88 Resp: 877

Ion	Ratio	Lower	Upper
88	100		
43	21.6	25.1	37.7#
58	86.3	56.2	84.2#

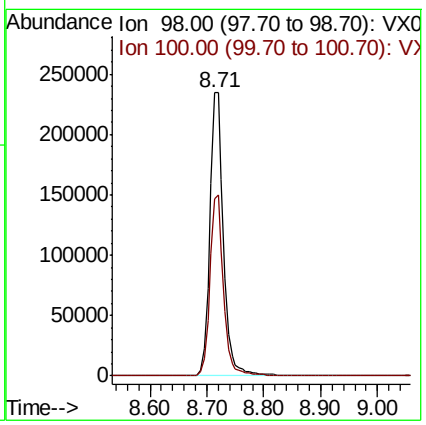


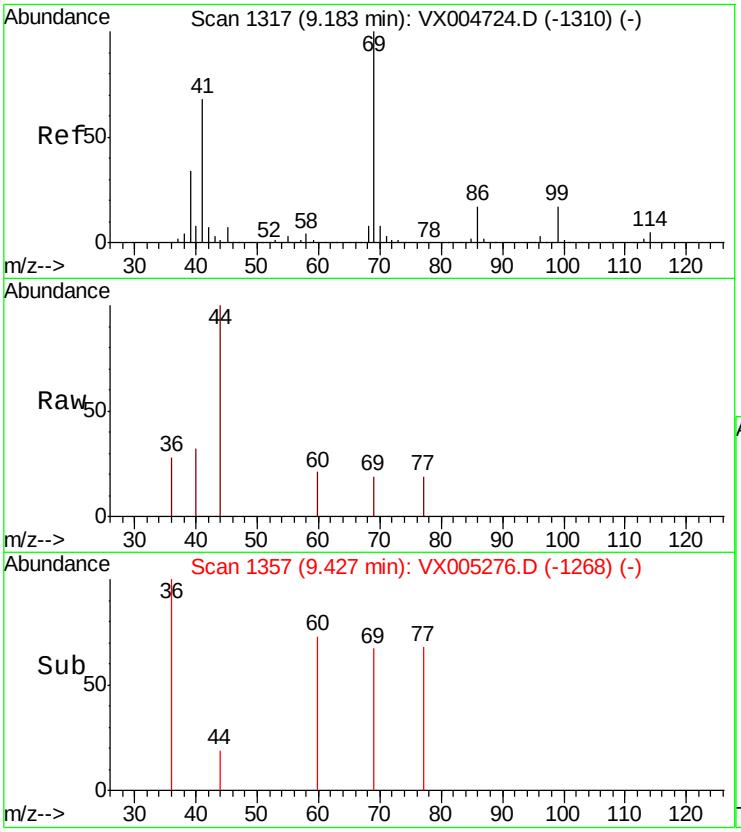


#50
Toluene-d8
Concen: 52.066 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 98 Resp: 393197

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9



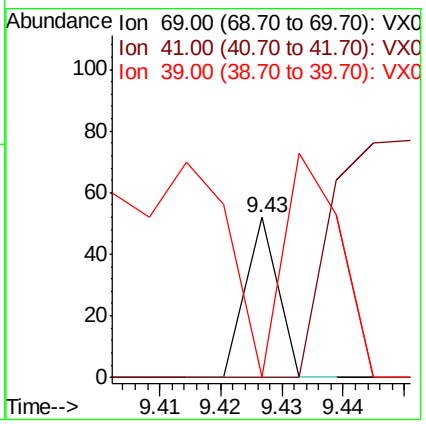


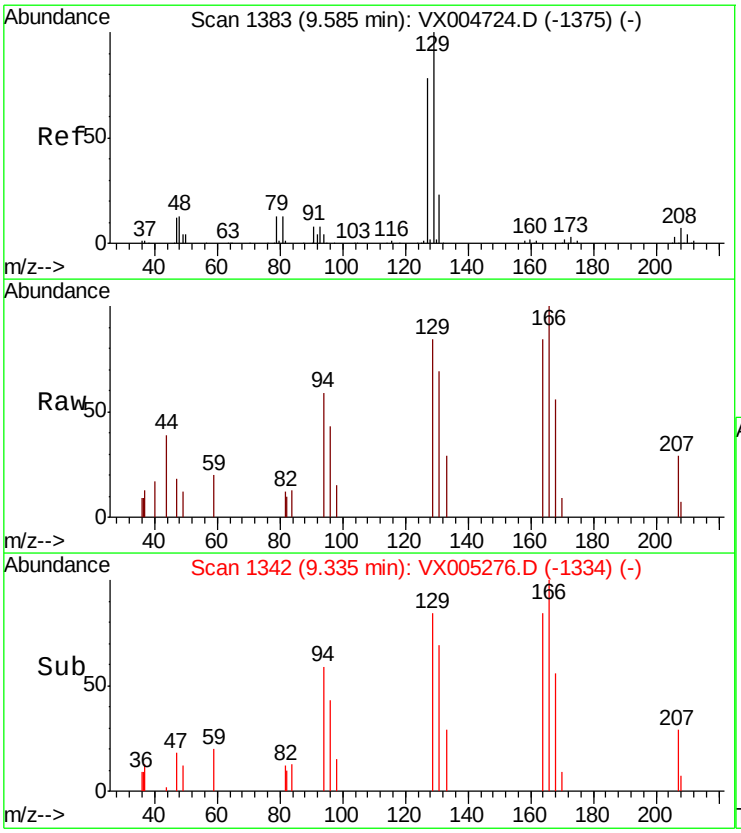
#56
Ethyl methacrylate
Concen: 2.867 ug/l
RT: 9.43 min Scan# 1357
Delta R.T. 0.24 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 69 Resp: 19

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	242.1	28.4	42.6#

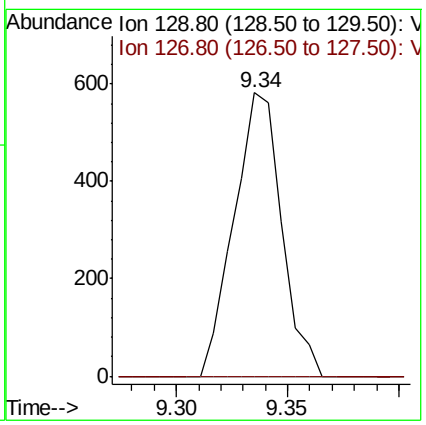


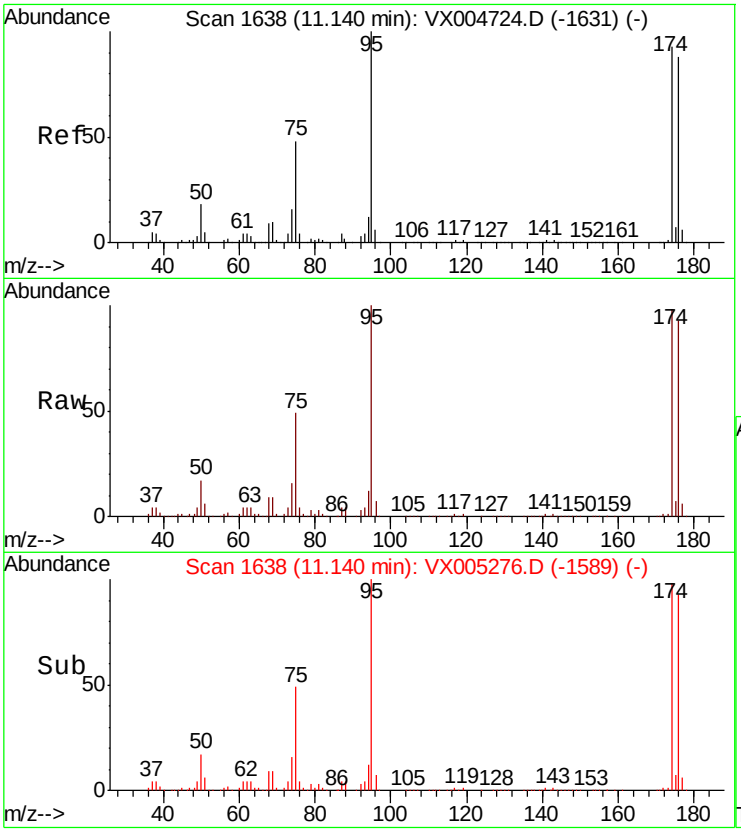


#60
Dibromochloromethane
Concen: 0.372 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:129 Resp: 870

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



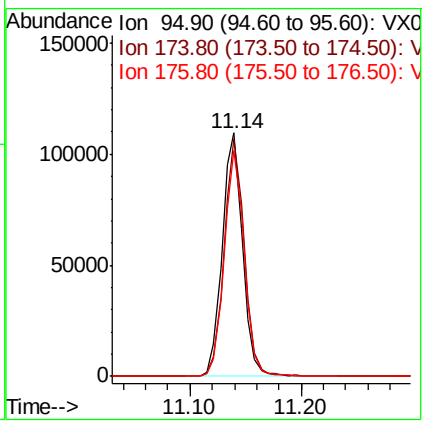


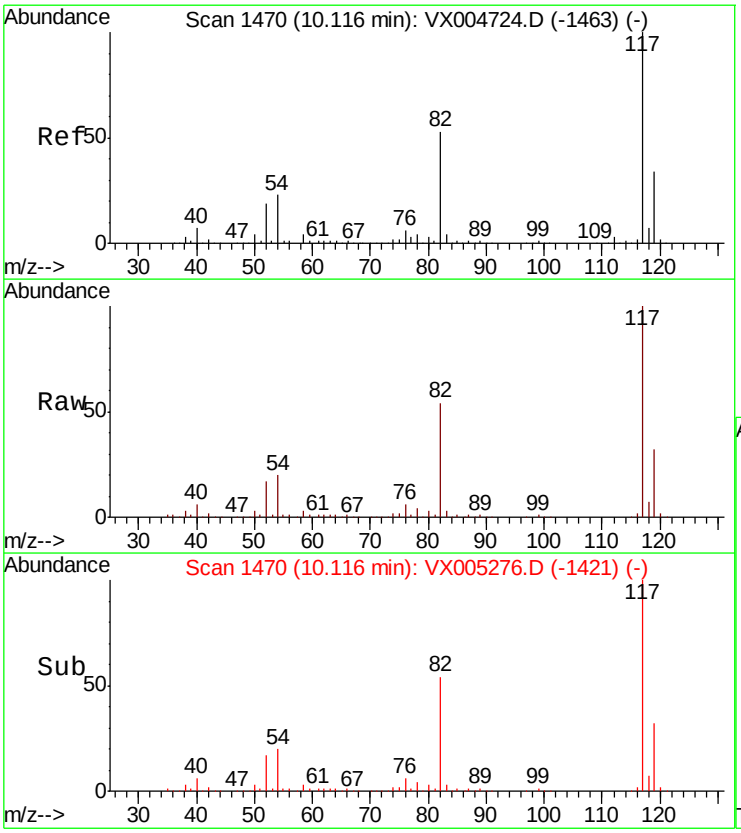
#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 95 Resp: 137951

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	185.0
176	91.7	0.0	180.2

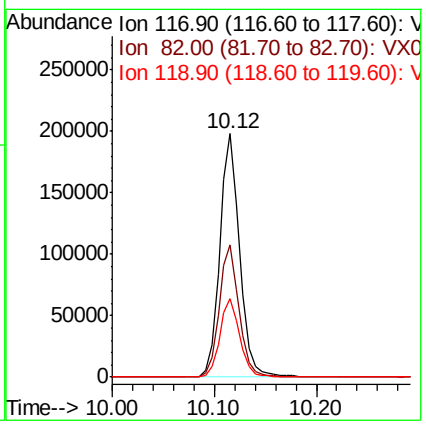


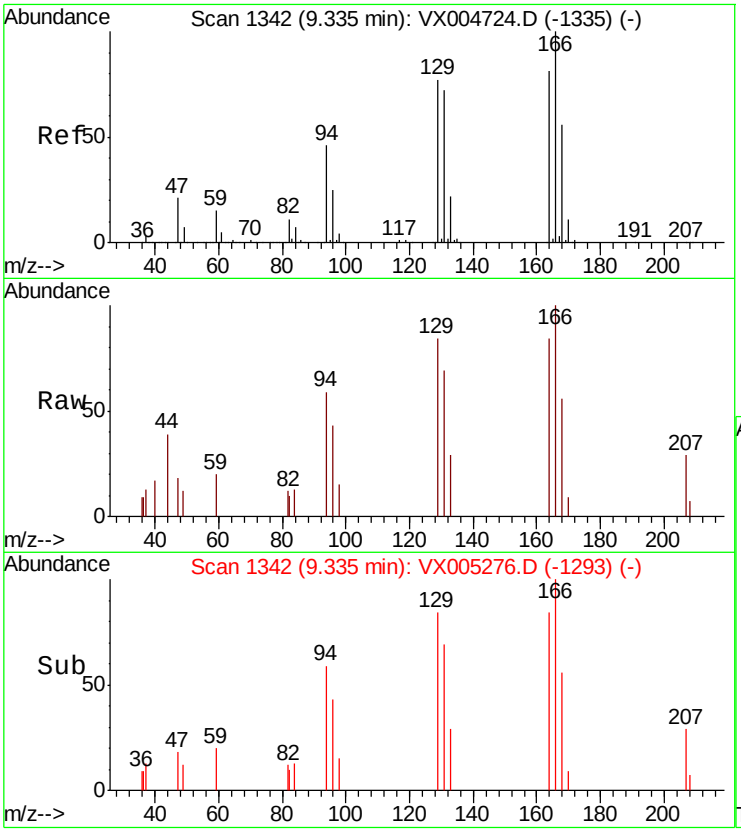


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:117 Resp: 268275

Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	32.2	27.4	41.0



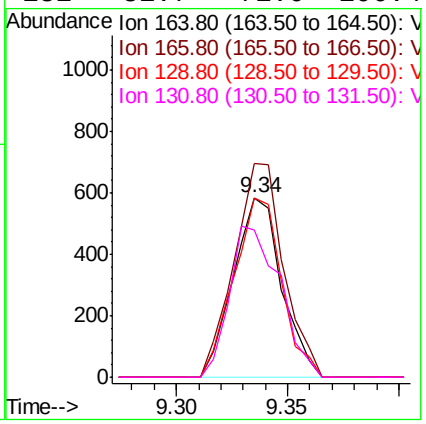


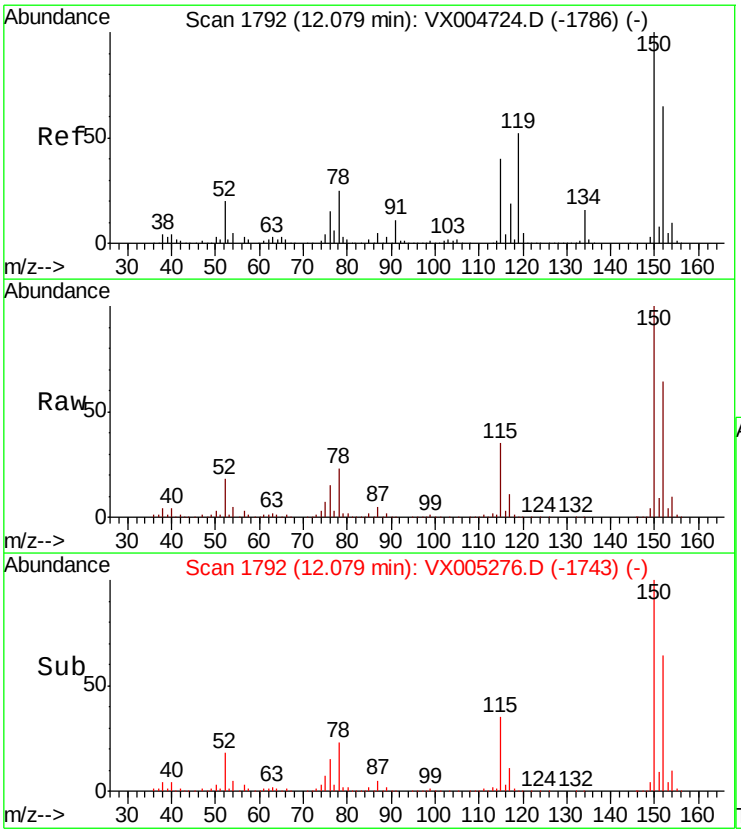
#64
Tetrachloroethene
Concen: 0.333 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion:164 Resp: 880

Ion	Ratio	Lower	Upper
164	100		
166	118.8	98.4	147.6
129	99.5	76.1	114.1
131	81.7	71.0	106.4

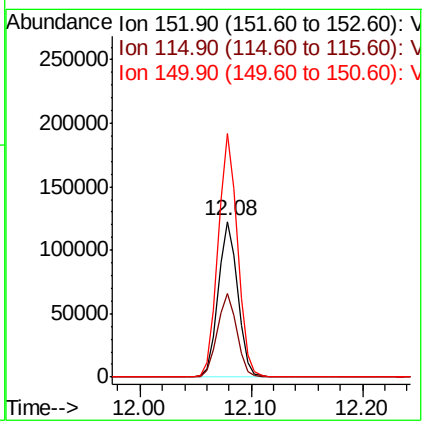


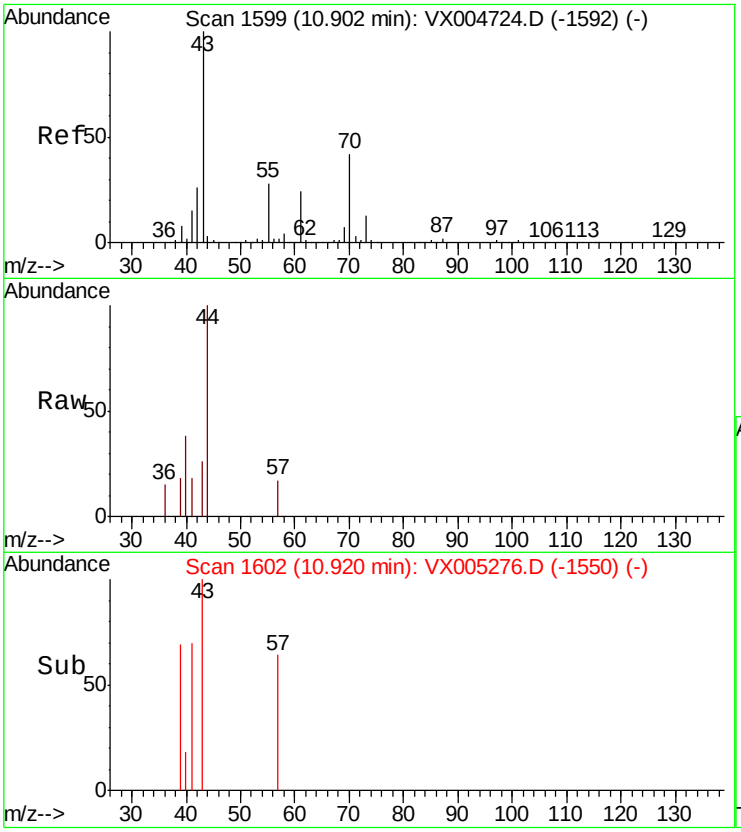


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:152 Resp: 148258

Ion	Ratio	Lower	Upper
152	100		
115	54.1	40.2	120.6
150	156.2	0.0	351.0



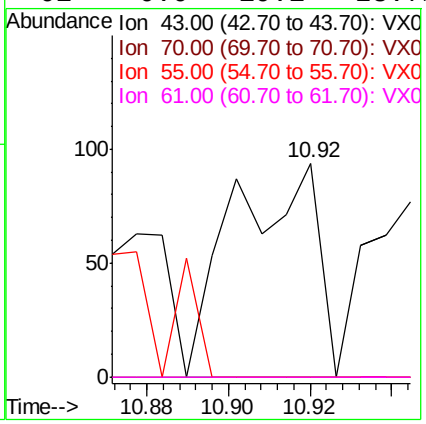


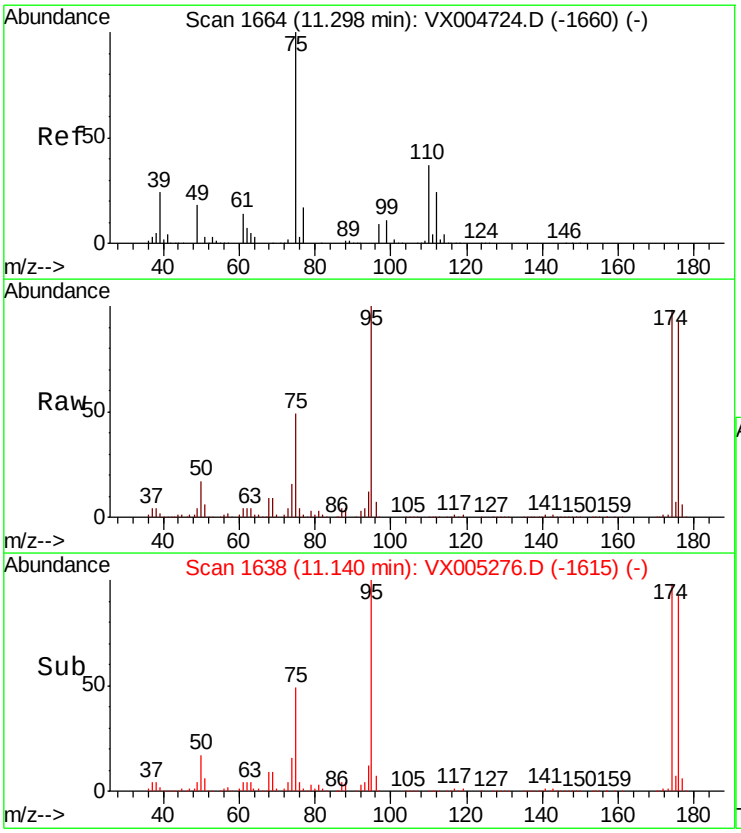
#74
N-amyl acetate
Concen: 1.773 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 43 Resp: 135

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#

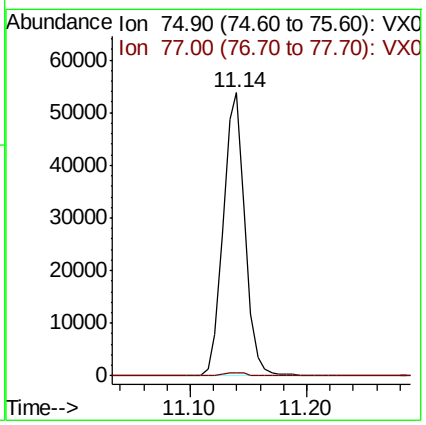


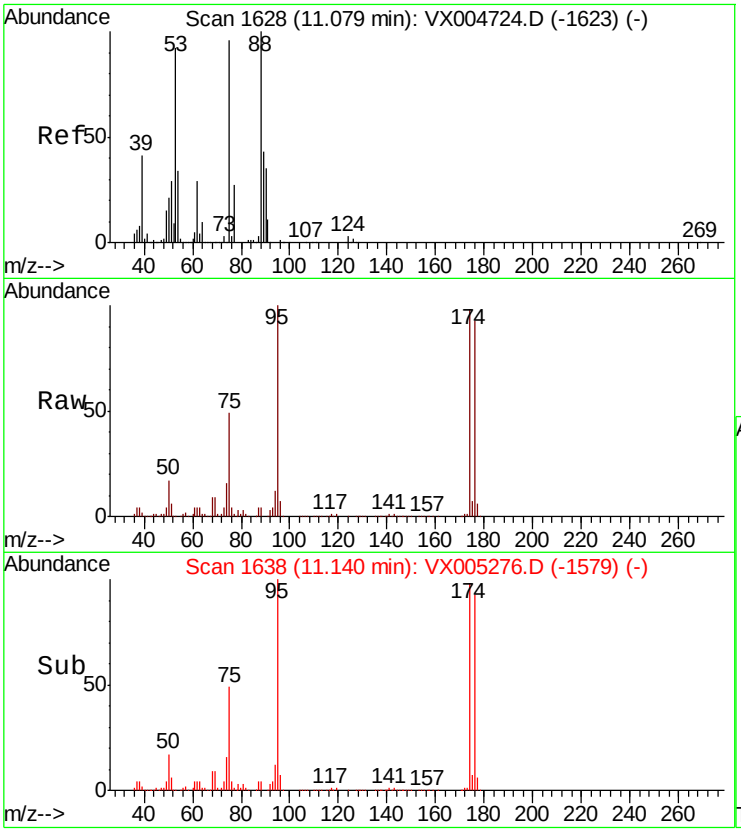


#76
1,2,3-Trichloropropane
Concen: 20.794 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion: 75 Resp: 69097

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#



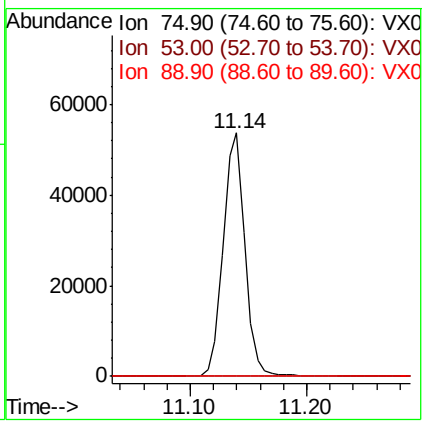


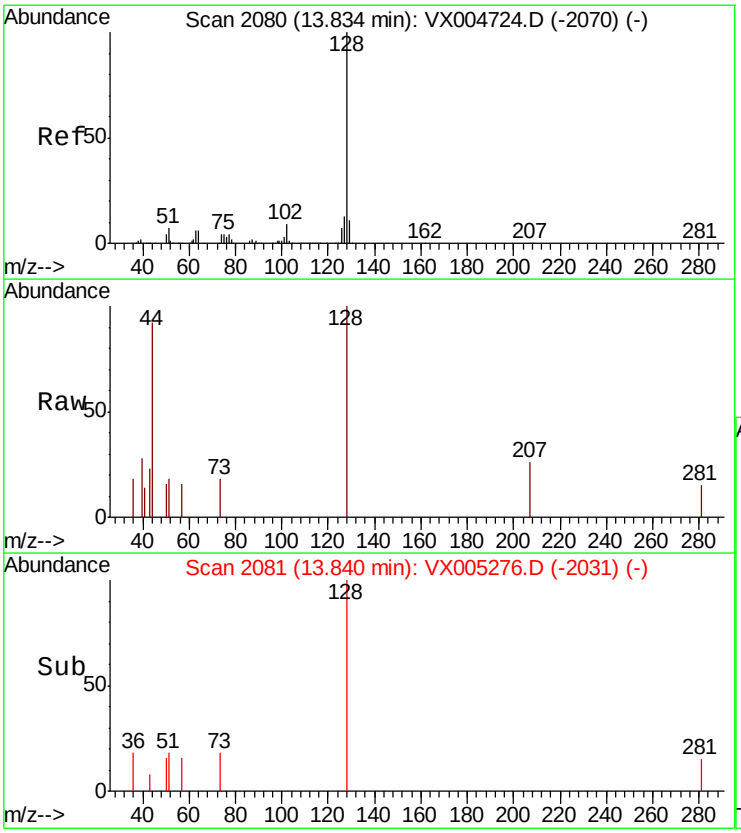
#81
trans-1,4-Dichloro-2-butene
Concen: 56.445 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181005

Tgt Ion: 75 Resp: 69097

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





#95
Naphthalene
Concen: 0.764 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005276.D
Acq: 12 Oct 2018 01:21

Tgt Ion:128 Resp: 555

Ion	Ratio	Lower	Upper
128	100		
127	5.6	10.4	15.6#
129	8.1	8.7	13.1#