Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005122.D
Acq On : 08 Oct 2018 12:54
Operator : JC/MD
Sample : J5189-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927

Quant Time: Oct 09 05:52:39 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	191069	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305509	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301185	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168542	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	146962	53.84 ug/l	0.00
Spiked Amount 50.000			Recovery = 107.68%		
35) Dibromofluoromethane	5.50	113	124200	47.97 ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%		
50) Toluene-d8	8.71	98	446991	51.93 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.86%		
62) 4-Bromofluorobenzene	11.14	95	158880	51.23 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	700	0.269 ug/l	91
3) Chloromethane	1.32	50	658	0.208 ug/l	90
6) Chloroethane	1.71	64	184	Below Cal #	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8564	4.097 ug/l	99
11) Tert butyl alcohol	3.06	59	439	0.575 ug/l #	66
12) 1,1-Dichloroethene	2.37	96	2024	0.978 ug/l	94
16) Acetone	2.45	43	3761	2.360 ug/l #	88
19) Methyl tert-butyl Ether	3.20	73	5059	0.708 ug/l	98
20) Methylene Chloride	2.85	84	814	Below Cal	96
21) trans-1,2-Dichloroethene	3.15	96	456	0.201 ug/l #	86
24) 1,1-Dichloroethane	3.69	63	2765	0.609 ug/l	97
25) 2-Butanone	4.71	43	608	0.259 ug/l #	49
27) cis-1,2-Dichloroethene	4.60	96	13847	5.469 ug/l	93
29) Tetrahydrofuran	5.18	42	747	0.512 ug/l #	64
30) Chloroform	5.21	83	9701	2.262 ug/l	91
31) Cyclohexane	5.67	56	3895	1.122 ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13539	3.833 ug/l #	46
38) Carbon Tetrachloride	5.77	117	874	0.235 ug/l #	76
39) Methylcyclohexane	7.21	83	5007	1.388 ug/l #	1
44) Trichloroethene	7.21	130	444235	163.393 ug/l	97
49) 1,4-Dioxane	7.76	88	2144	28.092 ug/l #	83
56) Ethyl methacrylate	9.09	69	22	2.867 ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	19	14.250 ug/l #	49
60) Dibromochloromethane	9.34	129	16605	6.237 ug/l #	10
64) Tetrachloroethene	9.34	164	18820	6.349 ug/l	95
70) Styrene	10.71	104	24	2.143 ug/l #	48
74) N-amyl acetate	10.91	43	111	1.766 ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	79510	21.048 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	141	Below Cal	82
81) trans-1,4-Dichloro-2-buten	11.14	75	79510	57.110 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.82	105	374	Below Cal	83
95) Naphthalene	13.83	128	488	0.754 ug/l #	69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005122.D
Acq On : 08 Oct 2018 12:54
Operator : JC/MD
Sample : J5189-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Quant Time: Oct 09 05:52:39 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005122.D
Acq On : 08 Oct 2018 12:54
Operator : JC/MD
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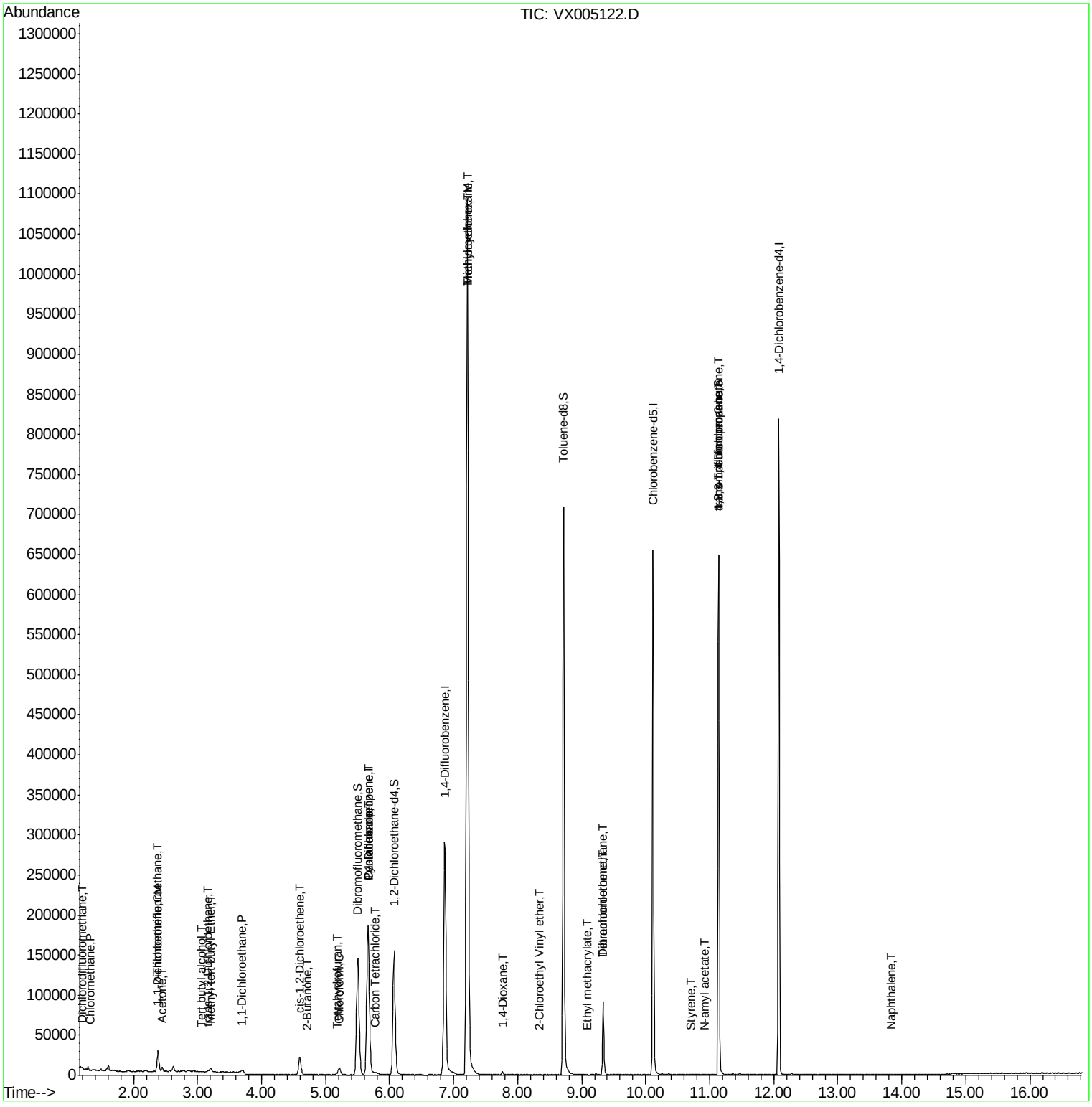
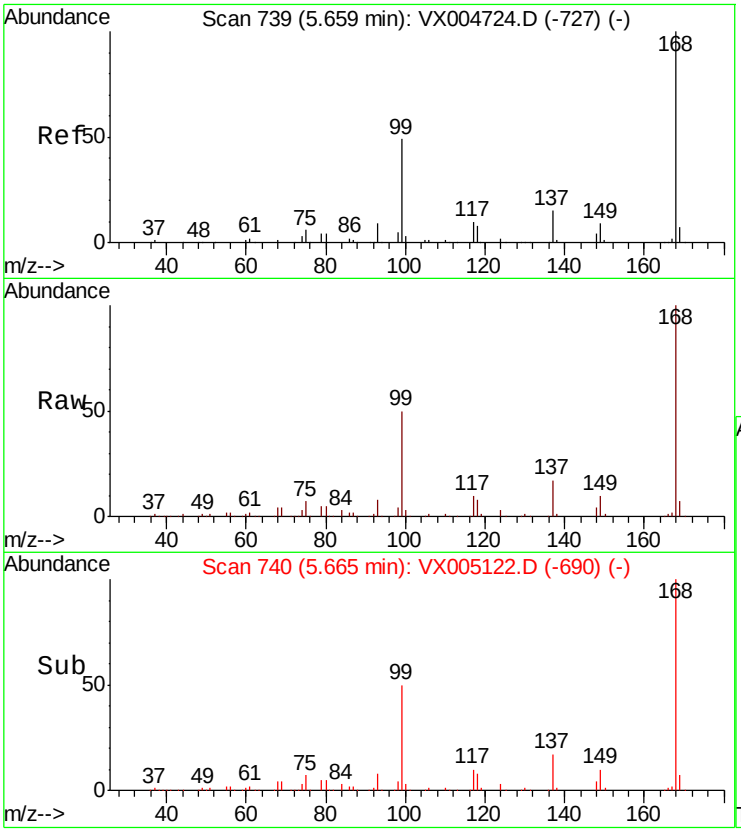
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



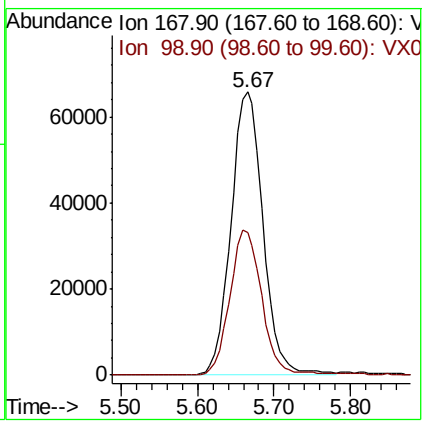


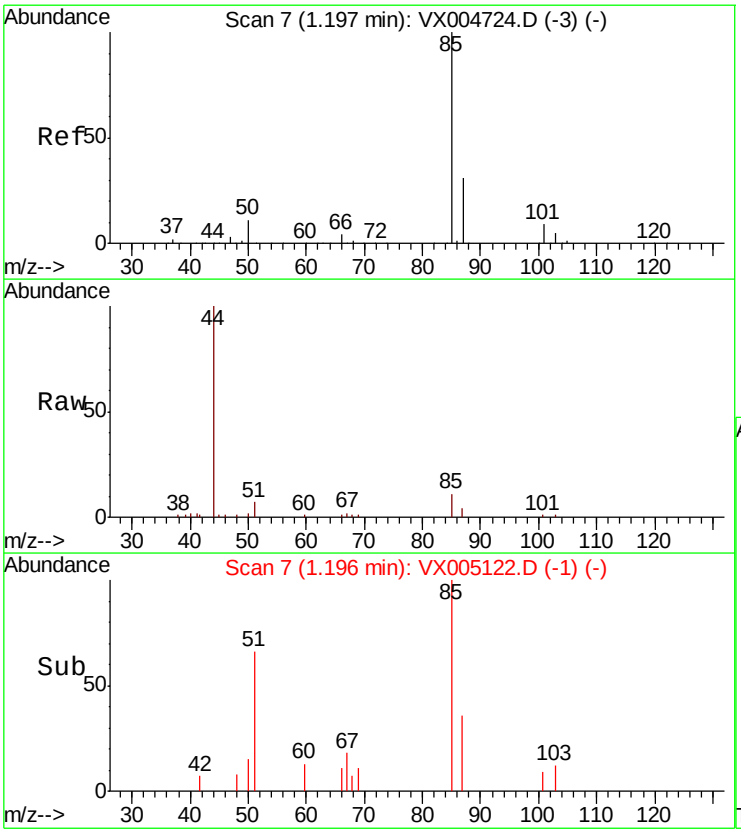
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion:168 Resp: 191069

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

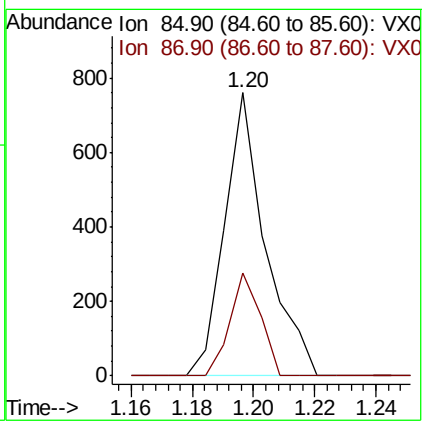


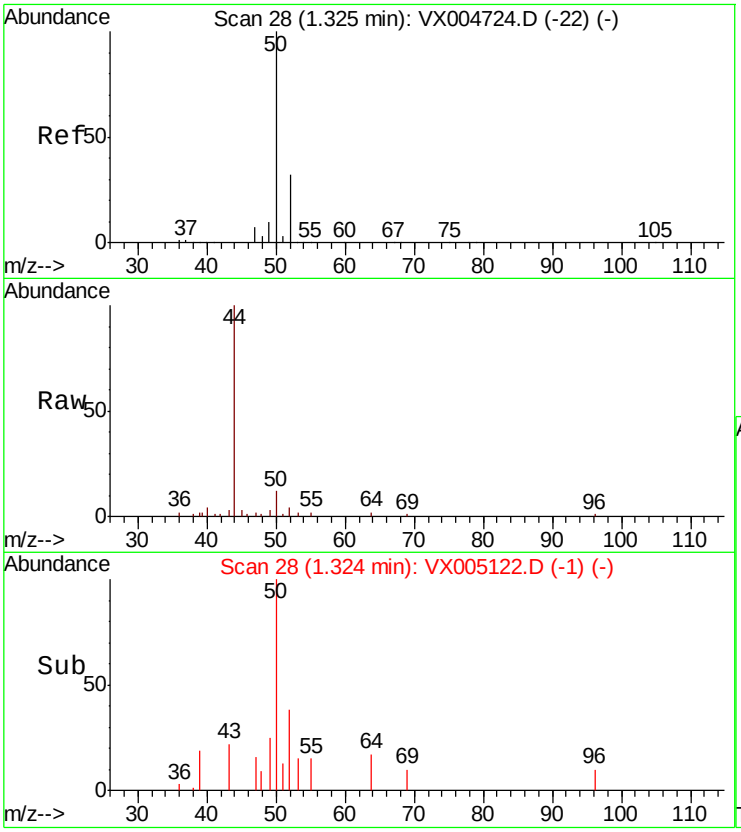


#2
Dichlorodifluoromethane
Concen: 0.269 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 85 Resp: 700

Ion	Ratio	Lower	Upper
85	100		
87	36.2	15.7	47.1



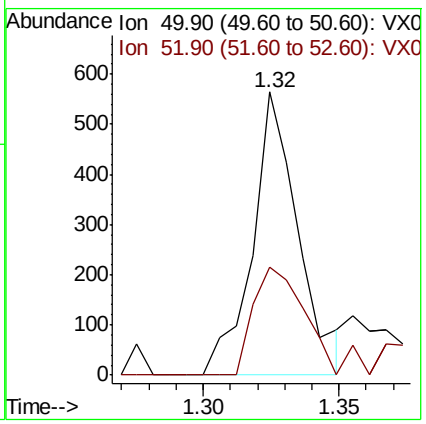


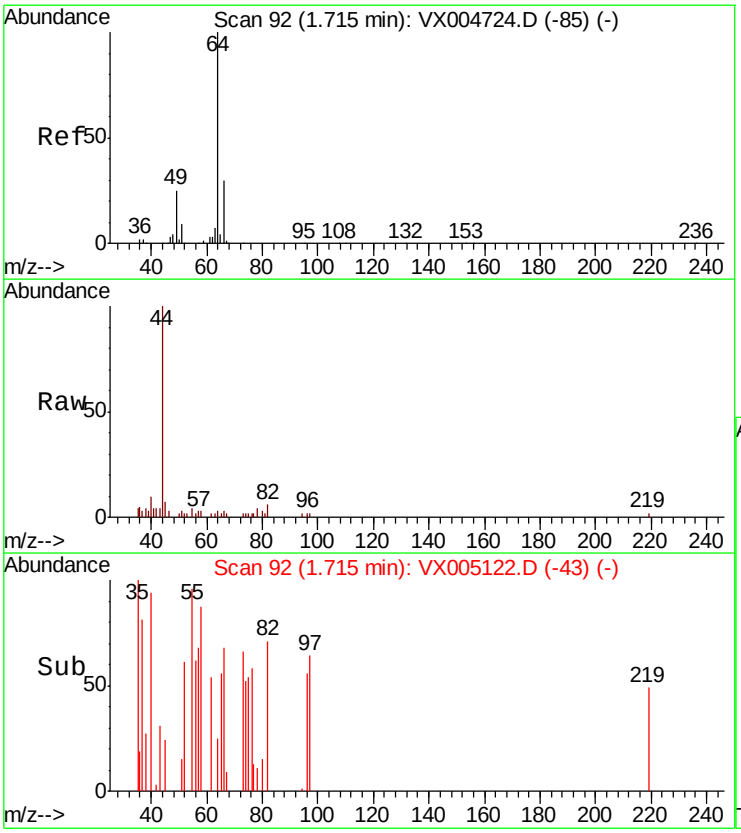
#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 50 Resp: 658

Ion	Ratio	Lower	Upper
50	100		
52	37.9	25.8	38.6

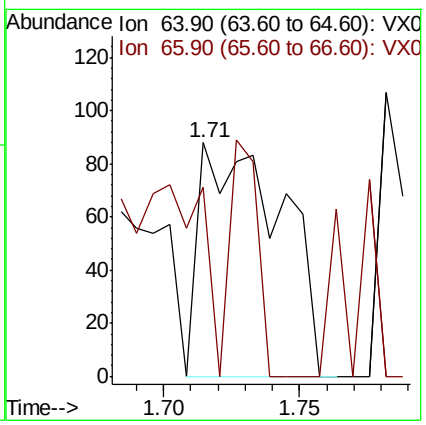


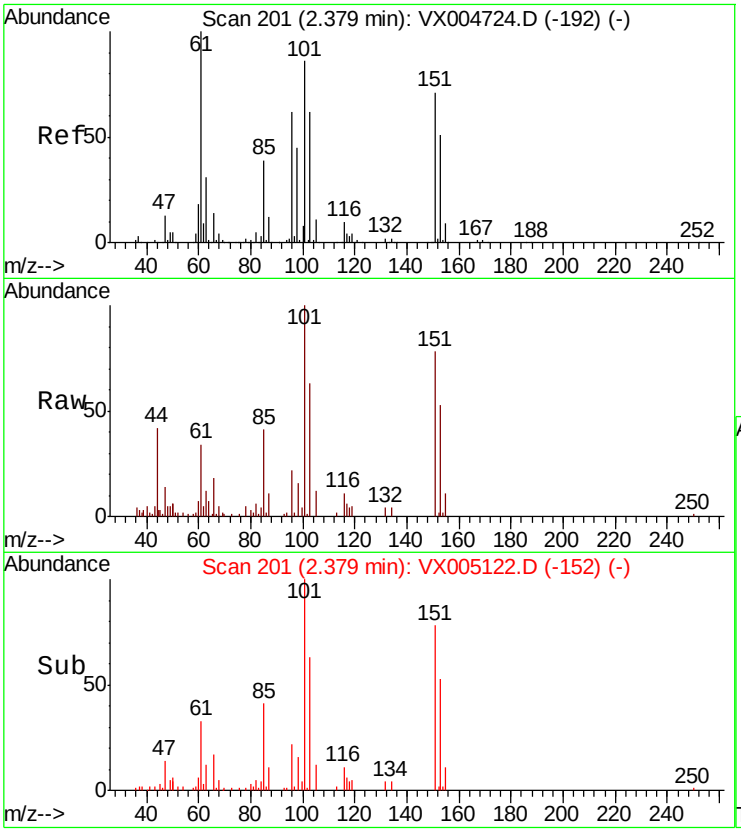


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 64 Resp: 184

Ion	Ratio	Lower	Upper
64	100		
66	17.0	23.8	35.6#



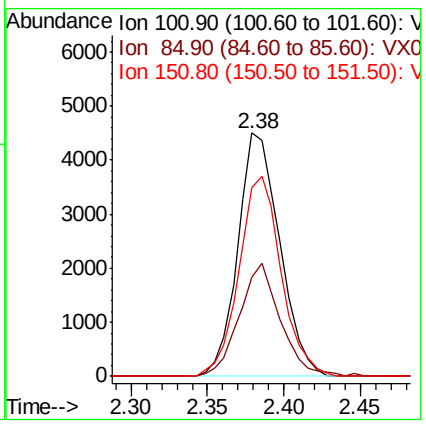


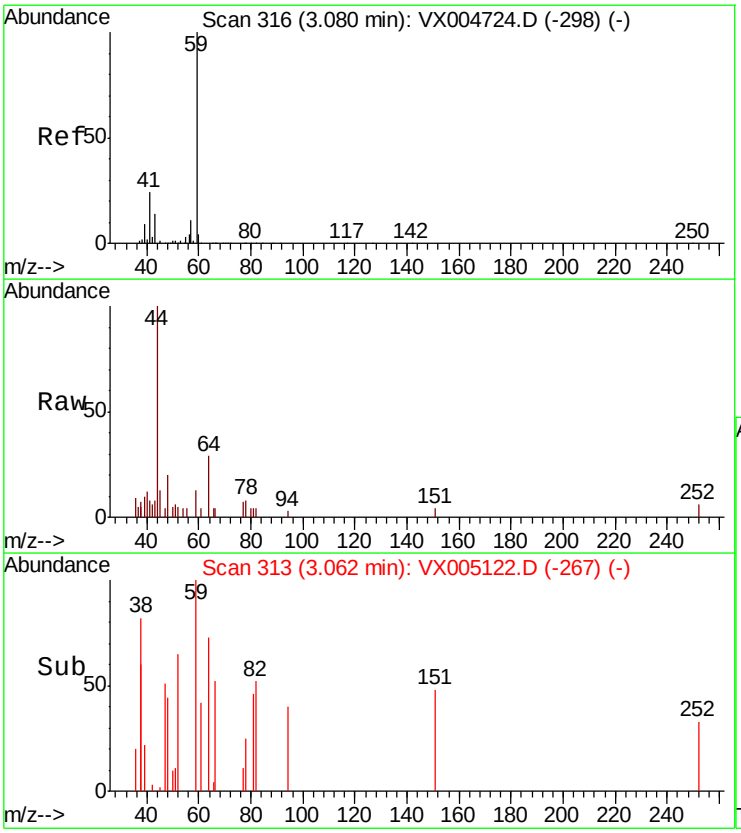
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.097 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion:101 Resp: 8564

Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.9	53.9
151	82.7	66.6	100.0

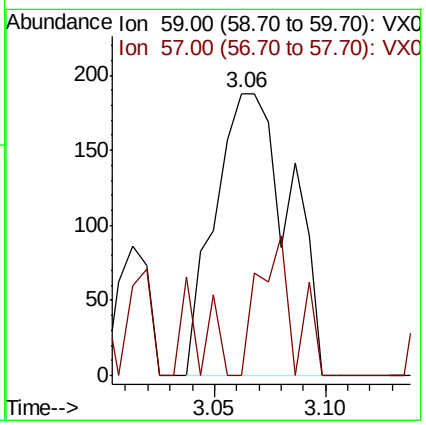


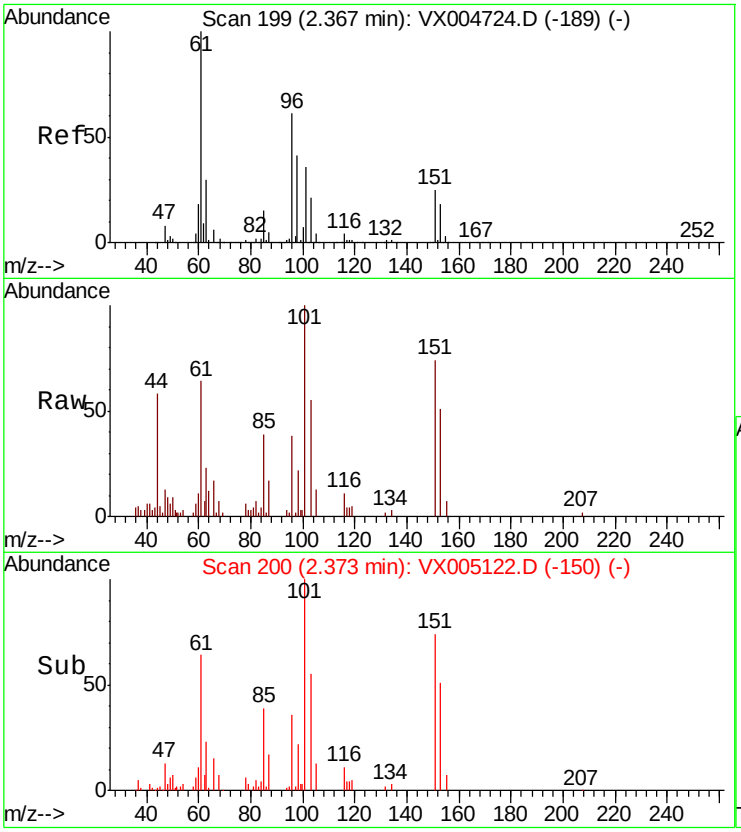


#11
Tert butyl alcohol
Concen: 0.575 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 59 Resp: 439

Ion	Ratio	Lower	Upper
59	100		
57	23.7	8.6	12.8#



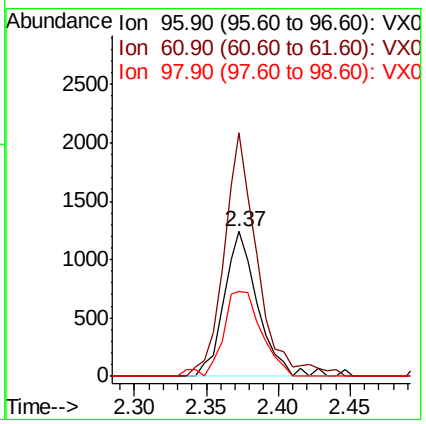


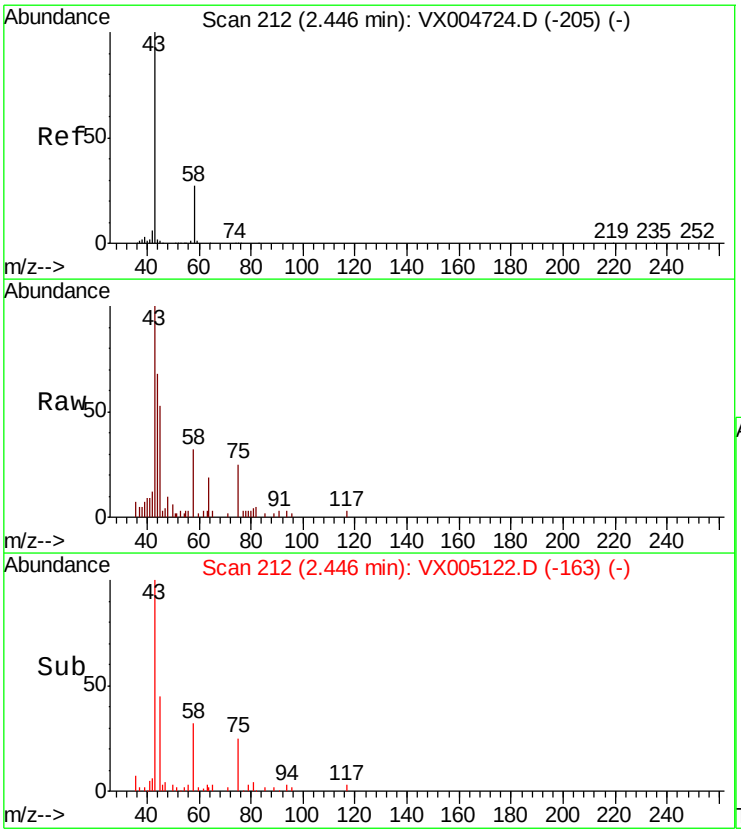
#12
1,1-Dichloroethene
Concen: 0.978 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 96 Resp: 2024

Ion	Ratio	Lower	Upper
96	100		
61	168.1	130.2	195.4
98	58.9	53.4	80.0

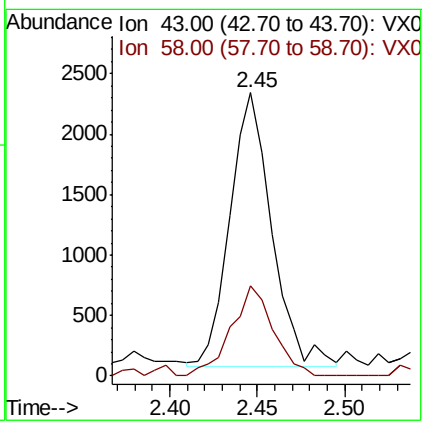


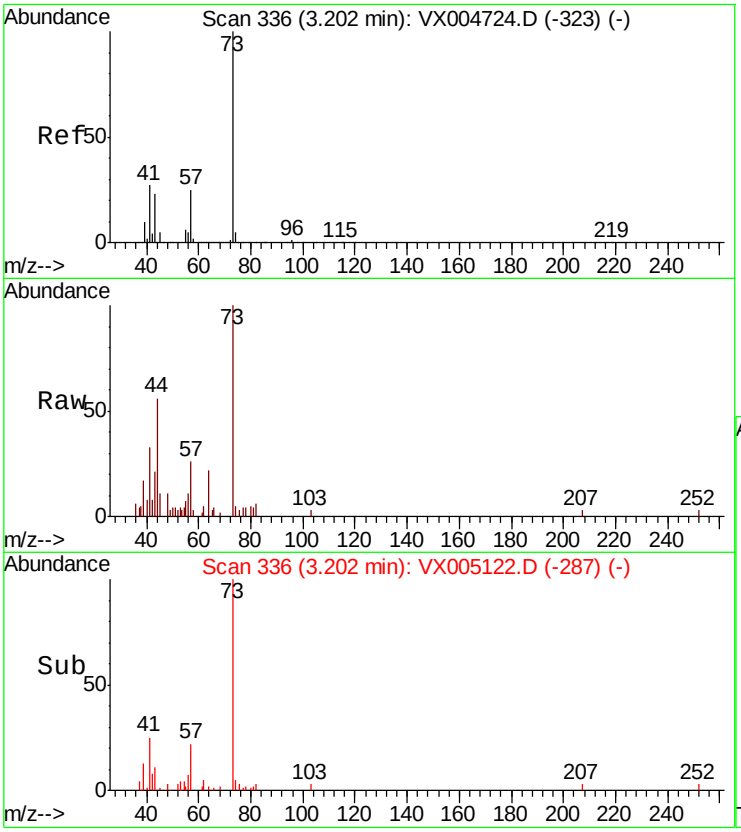


#16
Acetone
Concen: 2.360 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 43 Resp: 3761

Ion	Ratio	Lower	Upper
43	100		
58	33.2	21.8	32.6#



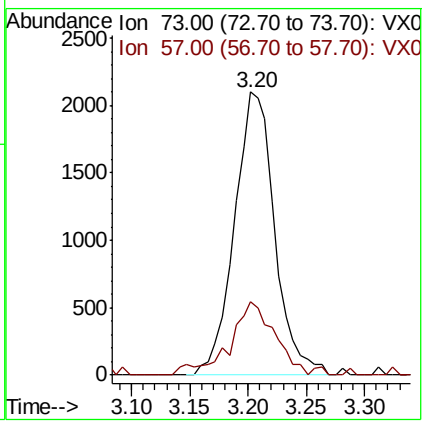


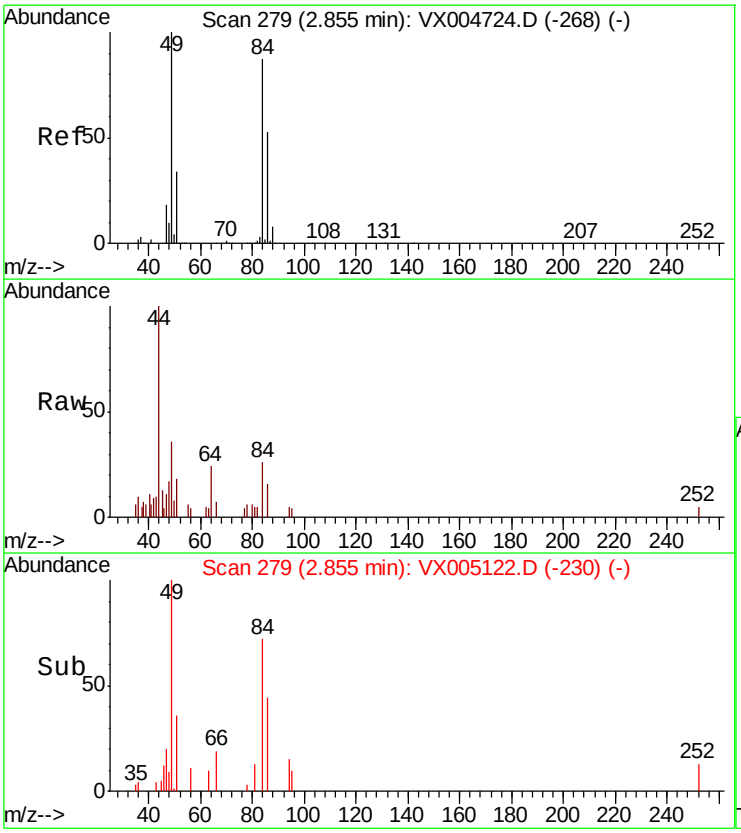
#19
Methyl tert-butyl Ether
Concen: 0.708 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 73 Resp: 5059

Ion	Ratio	Lower	Upper
73	100		
57	25.8	19.9	29.9

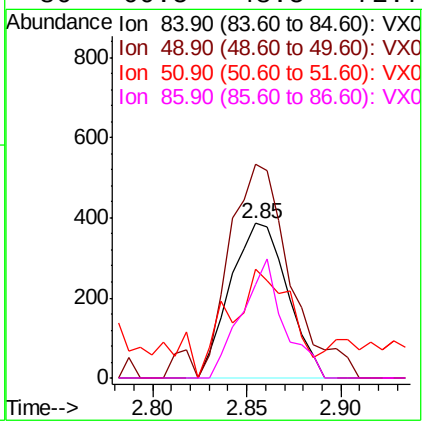


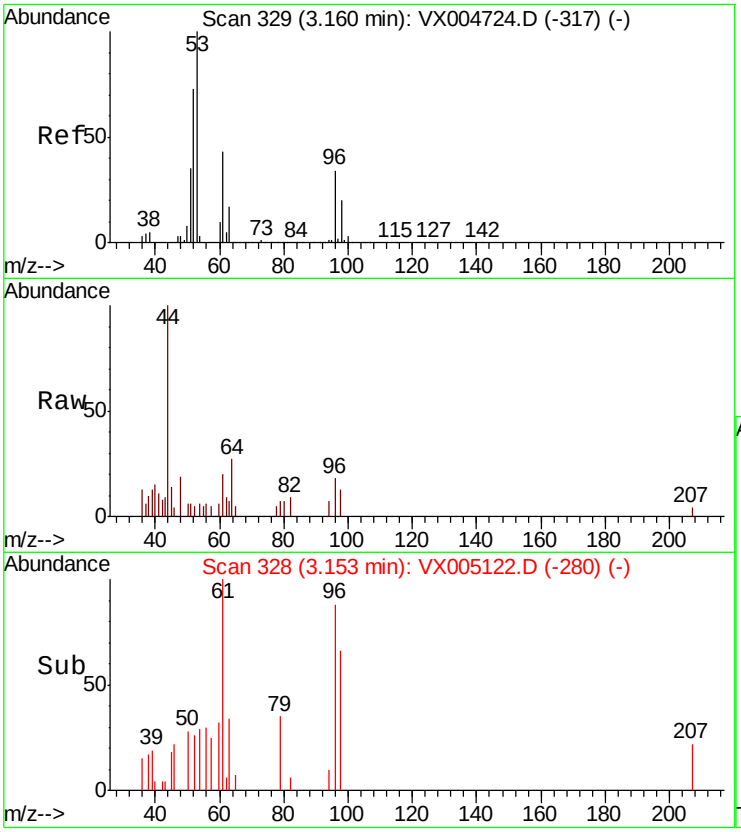


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 84 Resp: 814

Ion	Ratio	Lower	Upper
84	100		
49	120.2	92.3	138.5
51	45.2	31.8	47.6
86	60.5	48.5	72.7



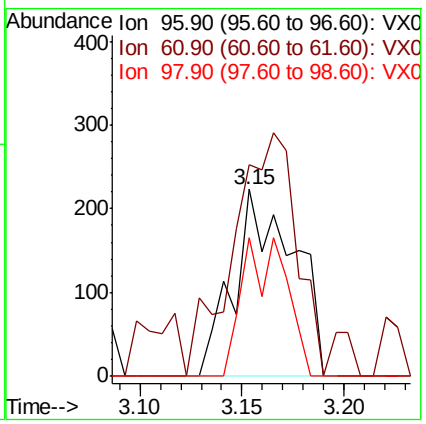


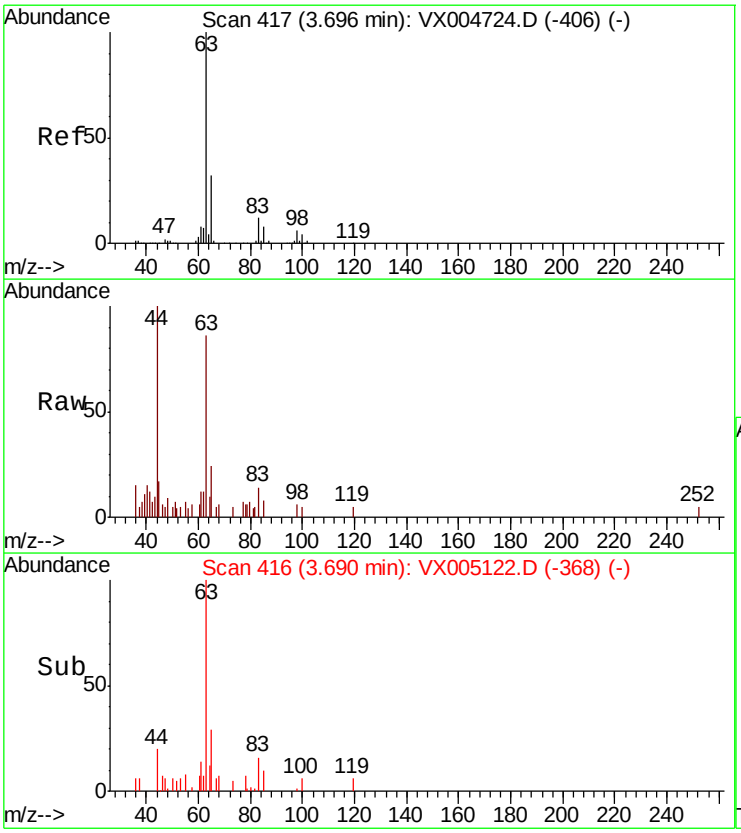
#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 96 Resp: 456

Ion	Ratio	Lower	Upper
96	100		
61	113.5	101.0	151.6
98	74.4	47.2	70.8#

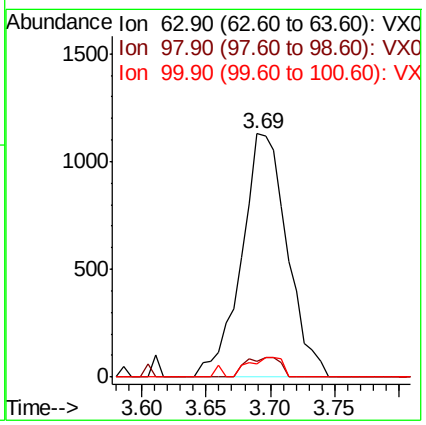


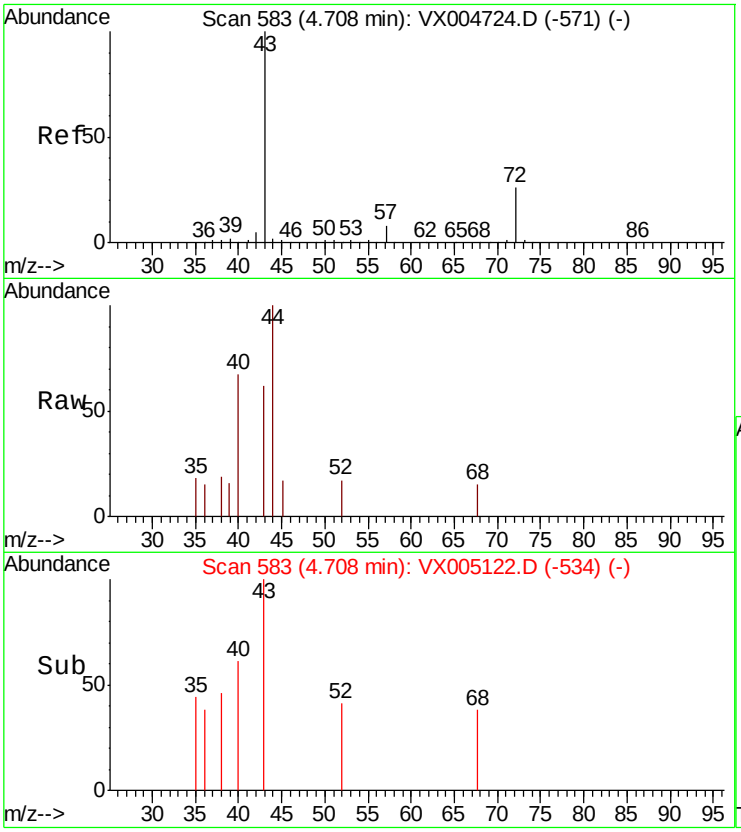


#24
1,1-Dichloroethane
Concen: 0.609 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 63 Resp: 2765

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.0	9.2
100	5.7	2.0	5.8



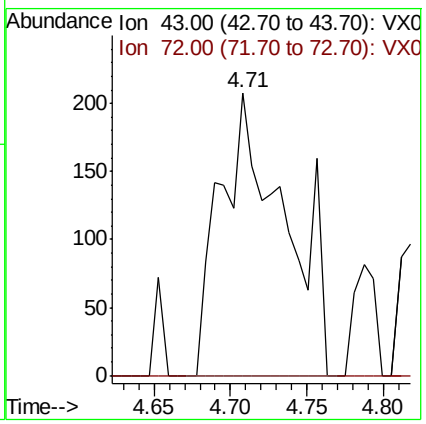


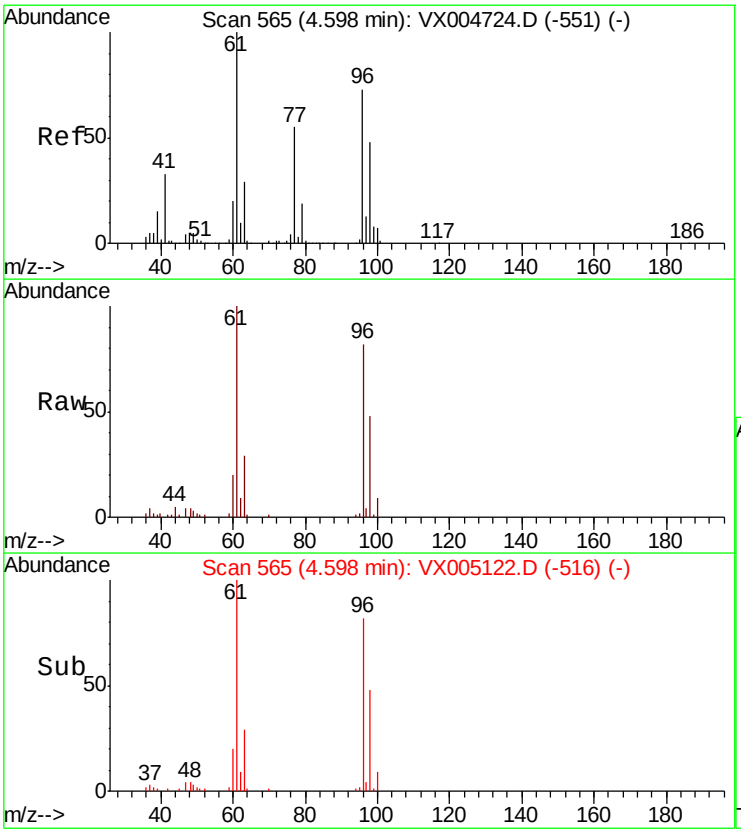
#25
2-Butanone
Concen: 0.259 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 43 Resp: 608

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

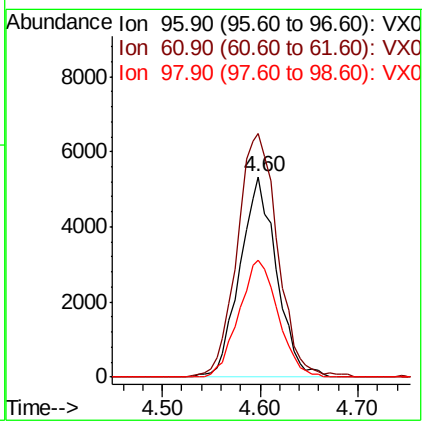


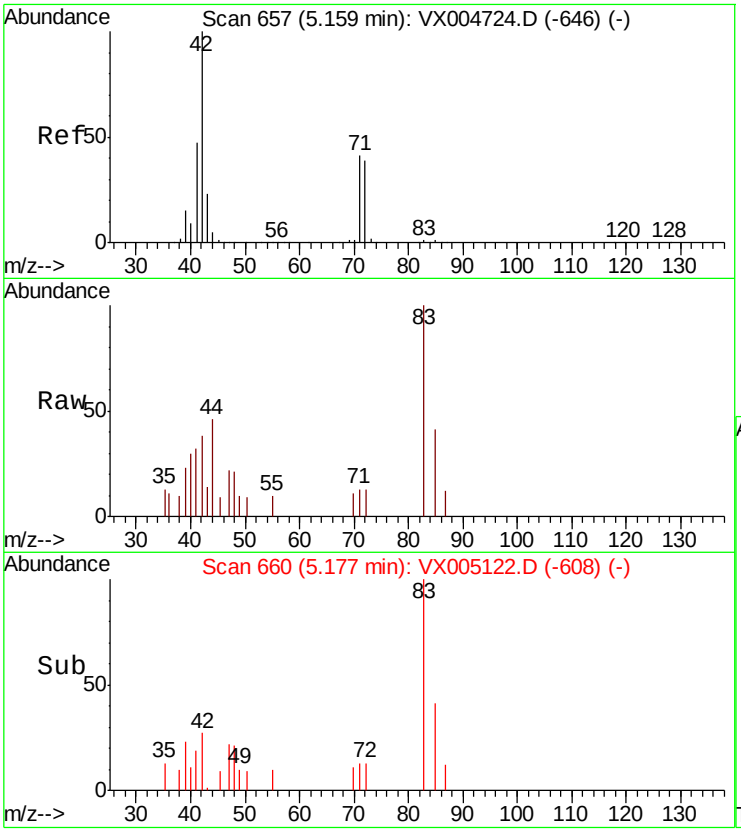


#27
cis-1,2-Dichloroethene
Concen: 5.469 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 96 Resp: 13847

Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	285.8
98	62.5	0.0	136.2



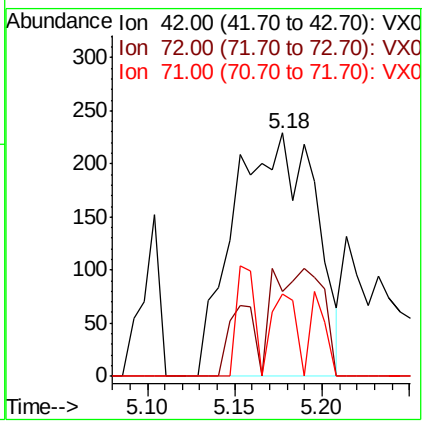


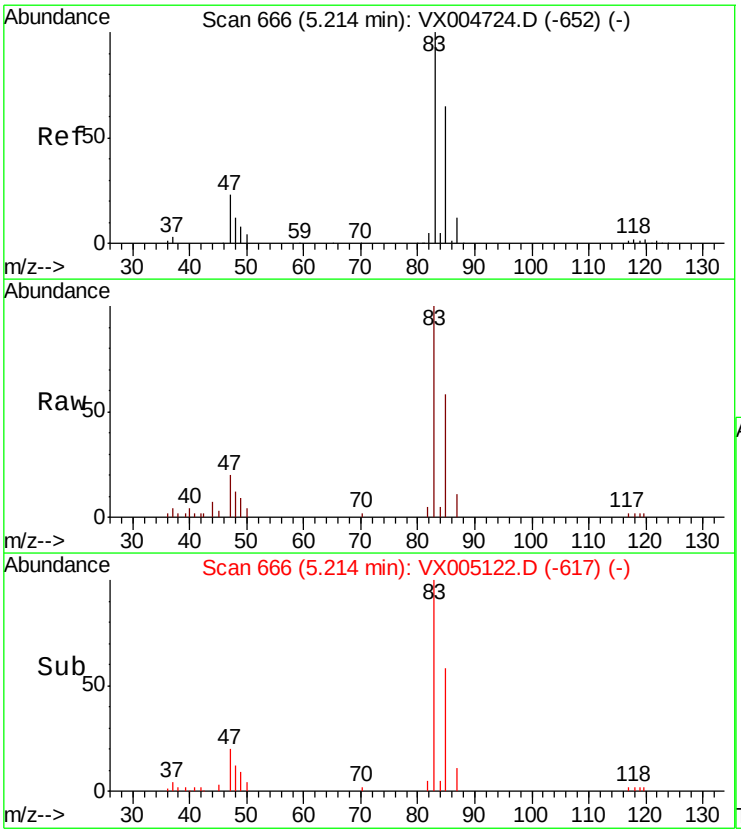
#29
Tetrahydrofuran
Concen: 0.512 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 42 Resp: 747

Ion	Ratio	Lower	Upper
42	100		
72	26.8	33.7	50.5#
71	10.2	32.2	48.4#

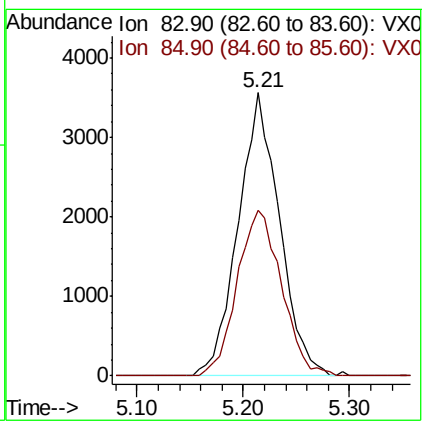


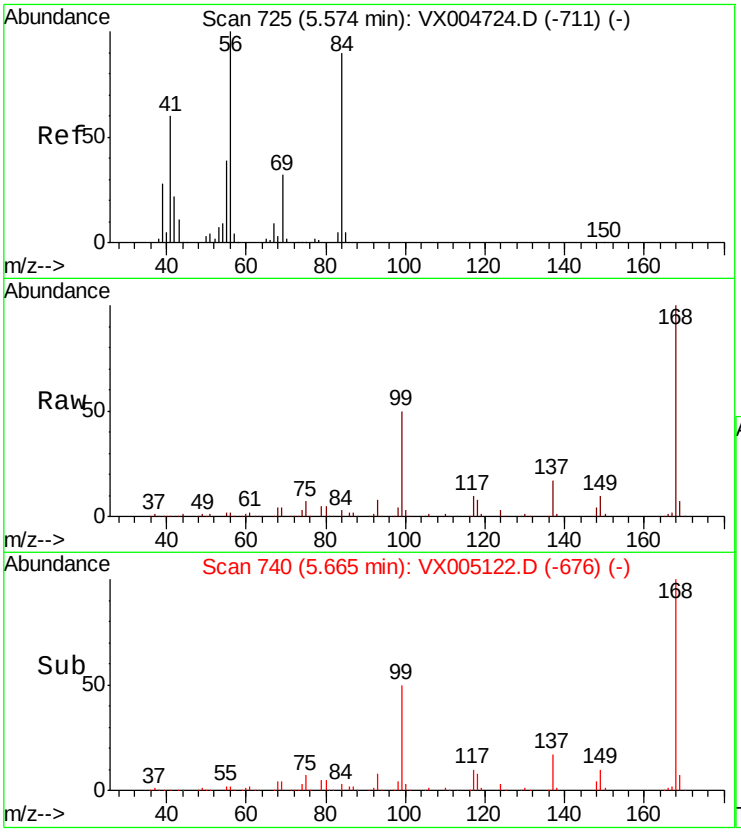


#30
Chloroform
Concen: 2.262 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 83 Resp: 9701

Ion	Ratio	Lower	Upper
83	100		
85	58.3	52.4	78.6



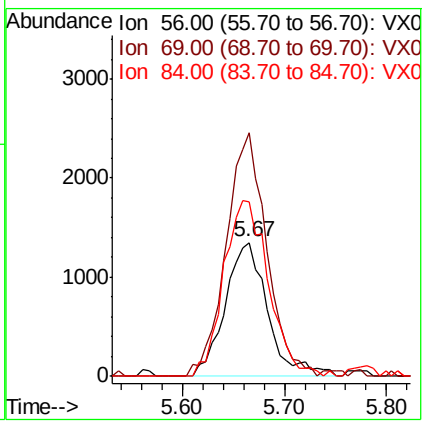


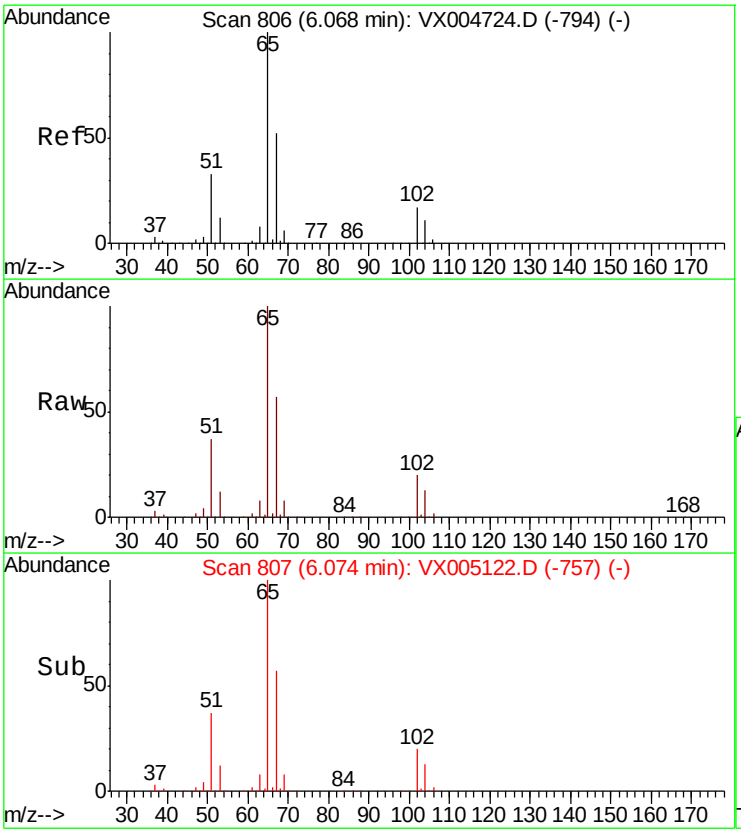
#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 56 Resp: 3895

Ion	Ratio	Lower	Upper
56	100		
69	182.0	25.9	38.9#
84	130.3	71.9	107.9#

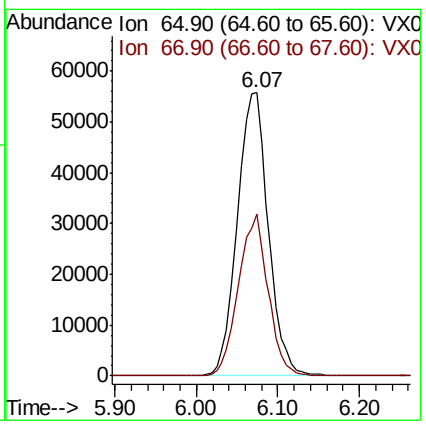


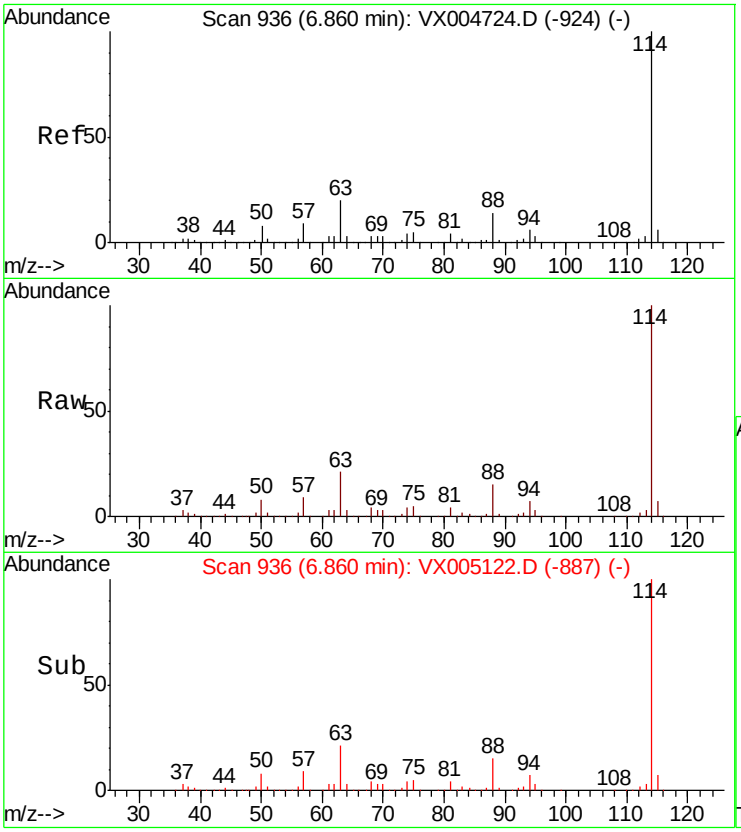


#33
1,2-Dichloroethane-d4
Concen: 53.844 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 65 Resp: 146962

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	107.4



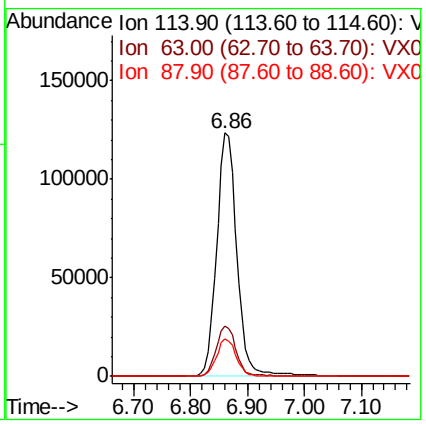


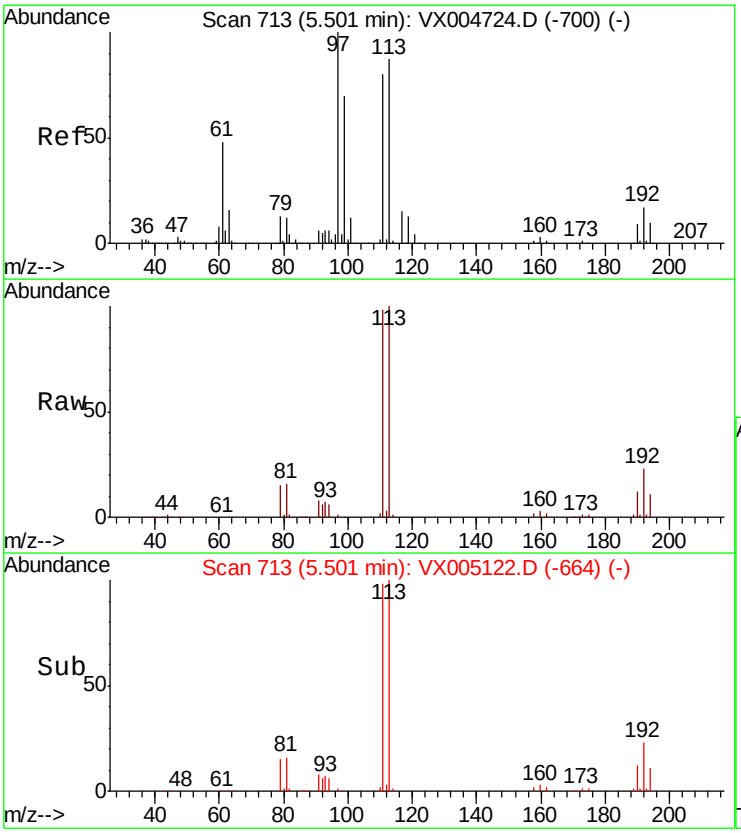
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion:114 Resp: 305509

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.8
88	15.4	0.0	27.0

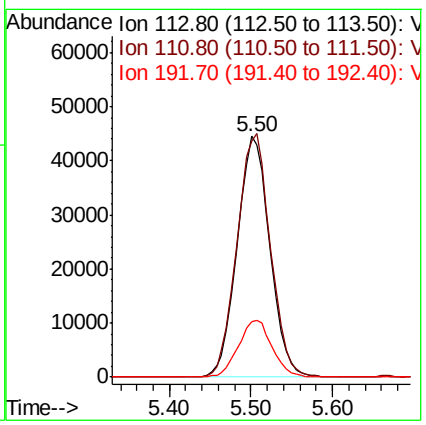


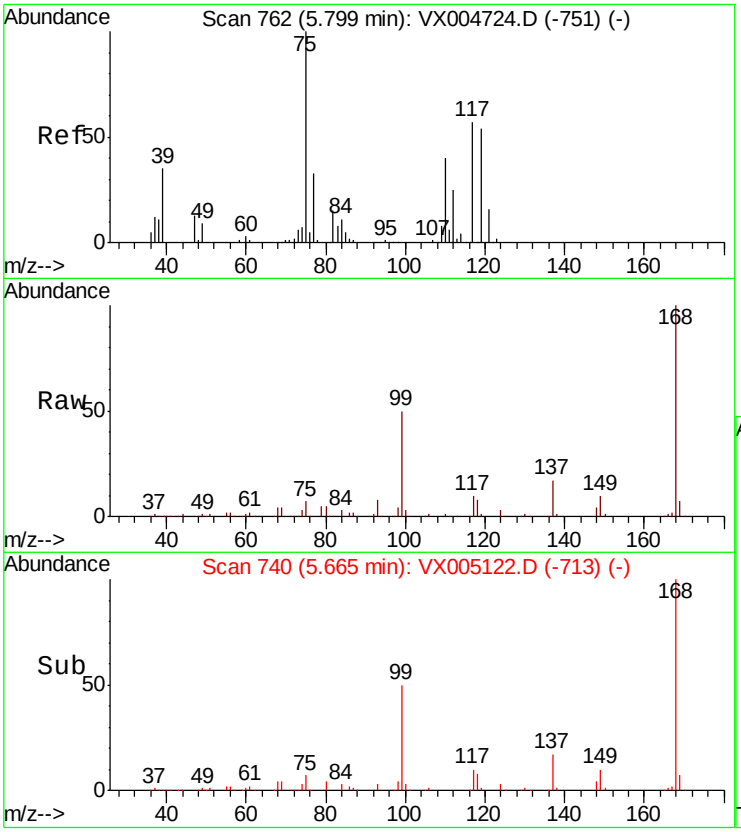


#35
Dibromofluoromethane
Concen: 47.968 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion:113 Resp: 124200

Ion	Ratio	Lower	Upper
113	100		
111	103.1	77.0	115.4
192	24.3	17.0	25.6



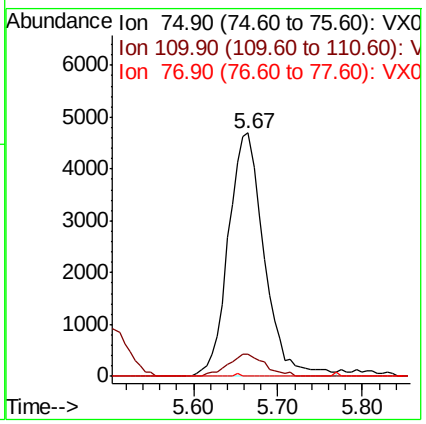


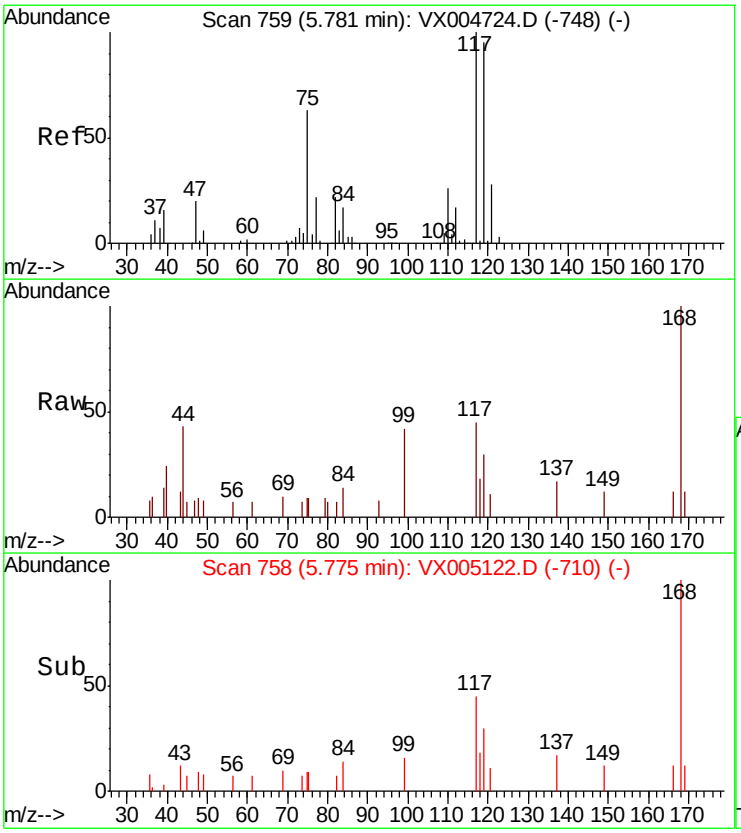
#36
1,1-Dichloropropene
Concen: 3.833 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 75 Resp: 13539

Ion	Ratio	Lower	Upper
75	100		
110	9.5	20.0	59.9#
77	0.2	27.1	40.7#

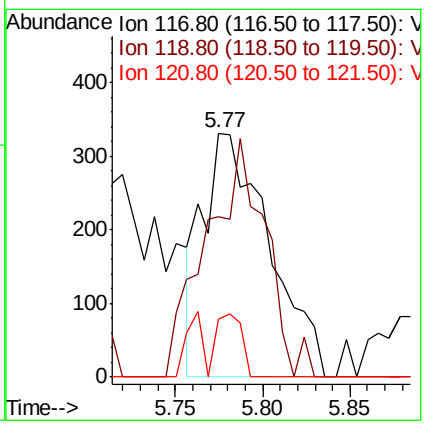


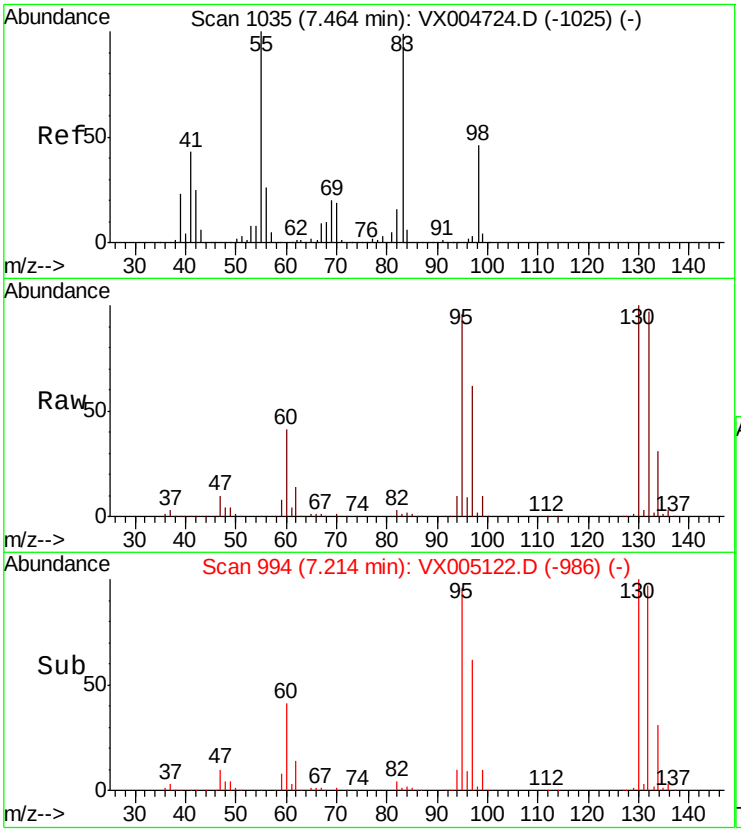


#38
Carbon Tetrachloride
Concen: 0.235 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion:117 Resp: 874

Ion	Ratio	Lower	Upper
117	100		
119	65.9	75.2	112.8#
121	23.9	22.5	33.7



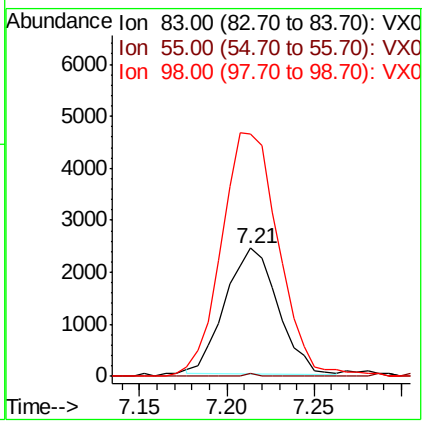


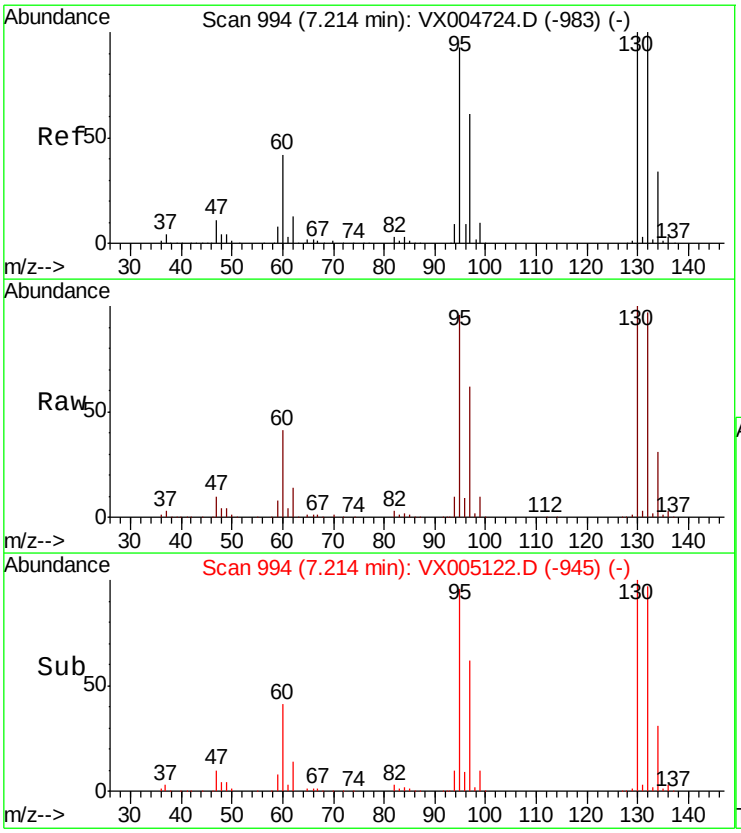
#39
Methylcyclohexane
Concen: 1.388 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 83 Resp: 5007

Ion	Ratio	Lower	Upper
83	100		
55	2.2	81.1	121.7#
98	189.4	37.3	55.9#

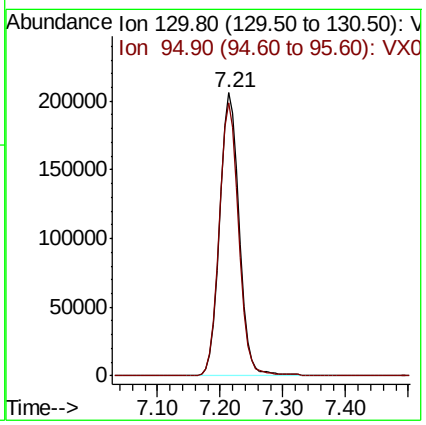


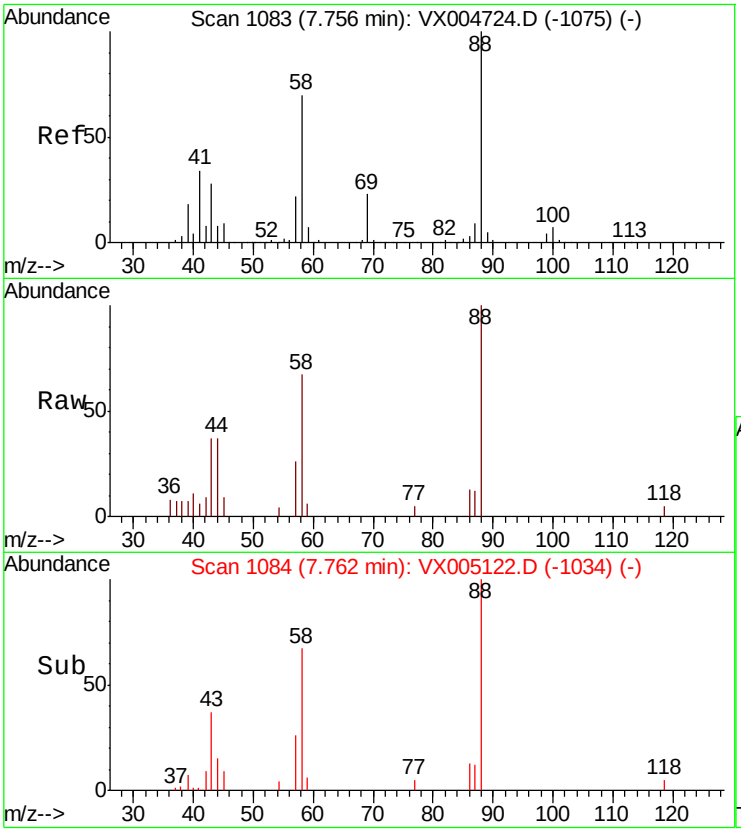


#44
Trichloroethene
Concen: 163.393 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion:130 Resp: 444235

Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	186.8



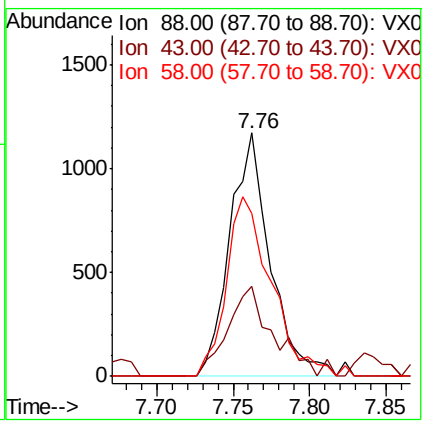


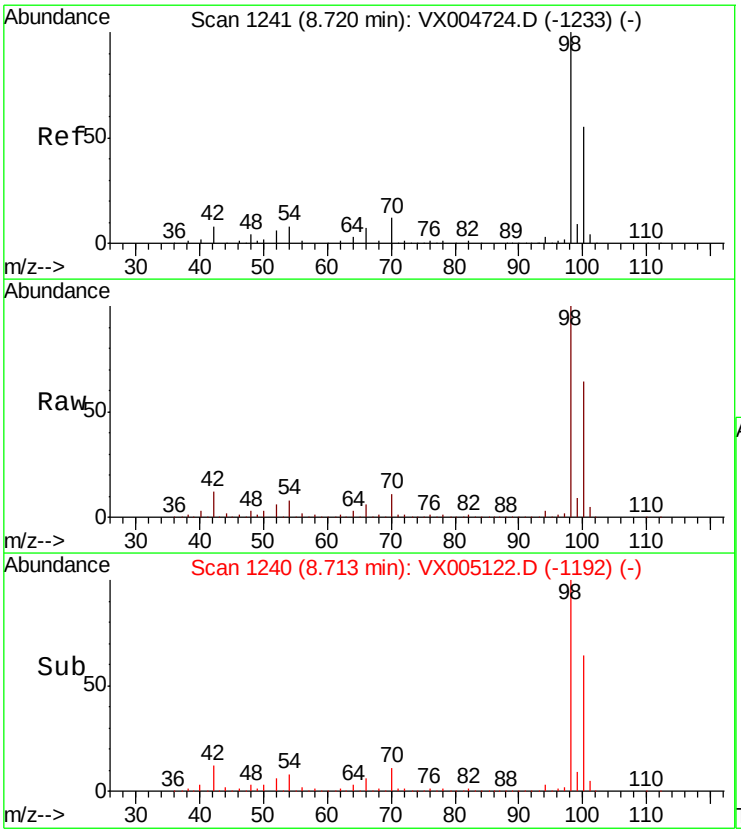
#49
1,4-Dioxane
Concen: 28.092 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 88 Resp: 2144

Ion	Ratio	Lower	Upper
88	100		
43	42.9	25.1	37.7#
58	82.6	56.2	84.2

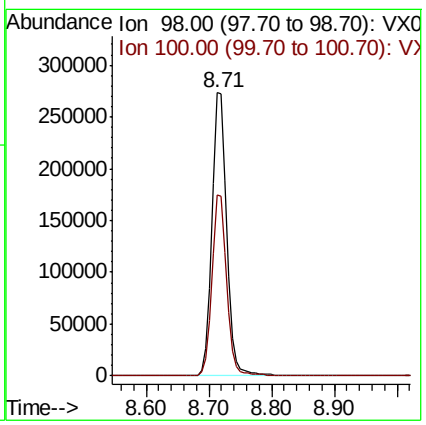


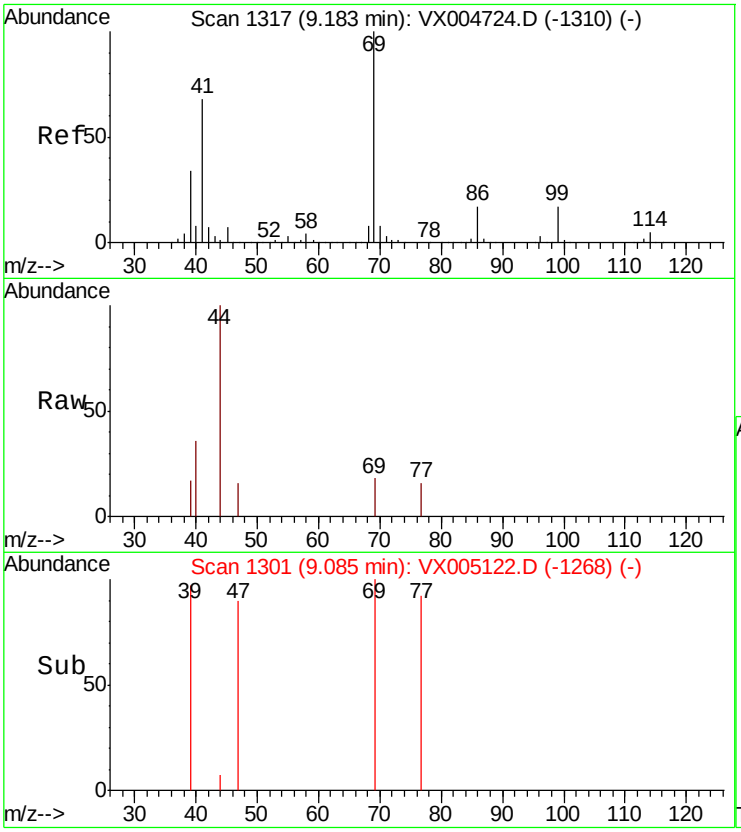


#50
Toluene-d8
Concen: 51.928 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 98 Resp: 446991

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9



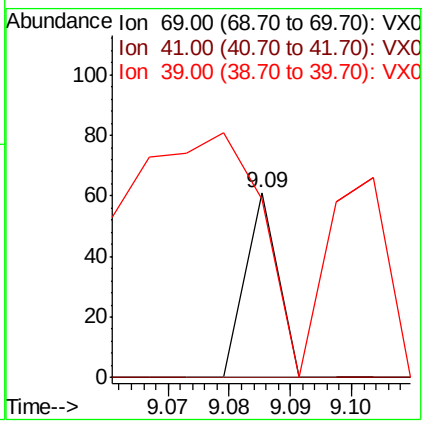


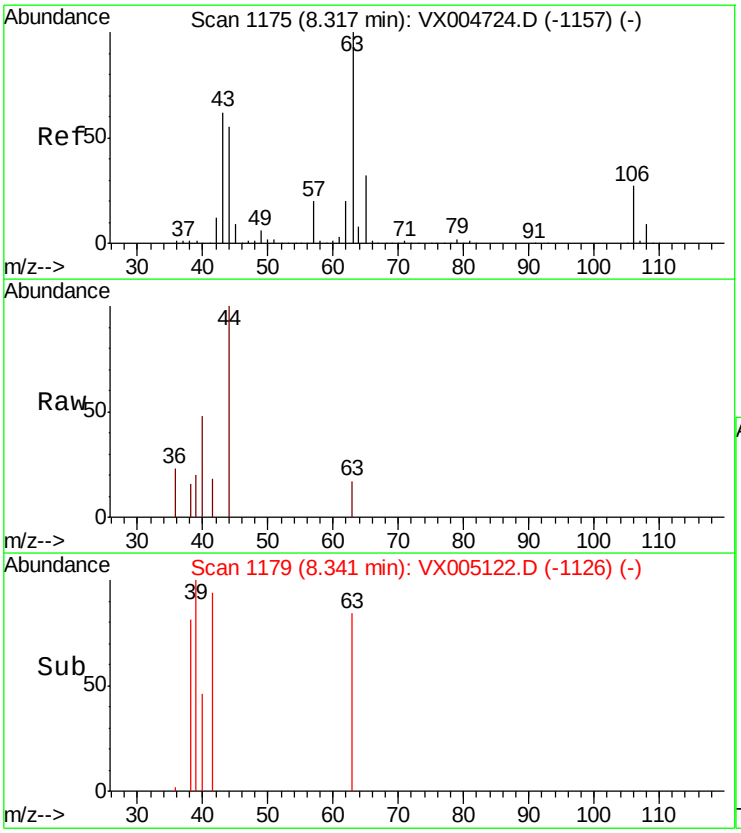
#56
Ethyl methacrylate
Concen: 2.867 ug/l
RT: 9.09 min Scan# 1301
Delta R.T. -0.10 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 69 Resp: 22

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	204.5	28.4	42.6#

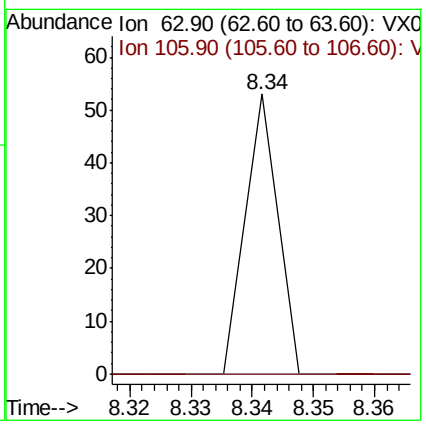


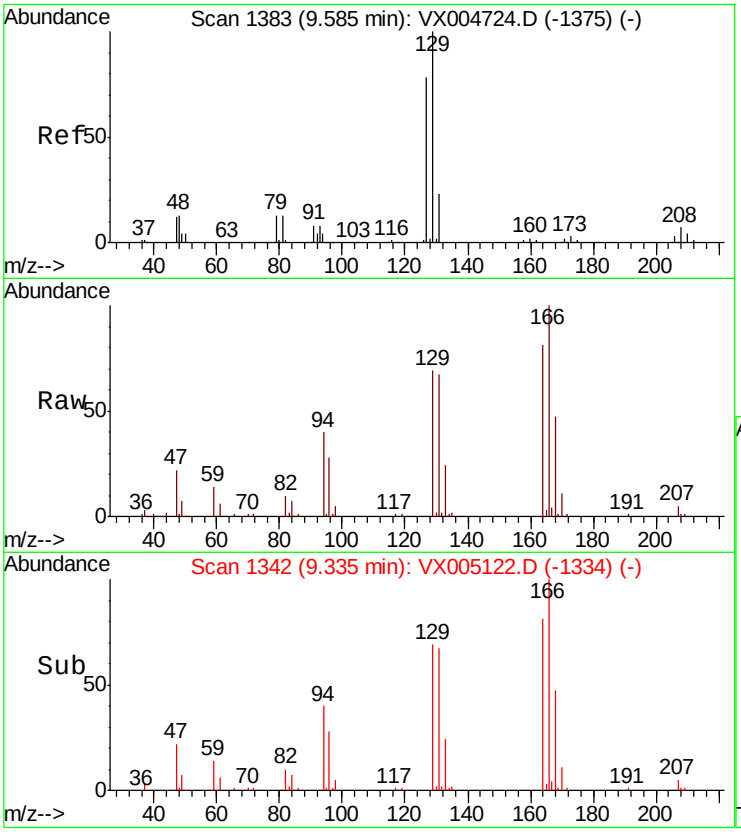


#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.34 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



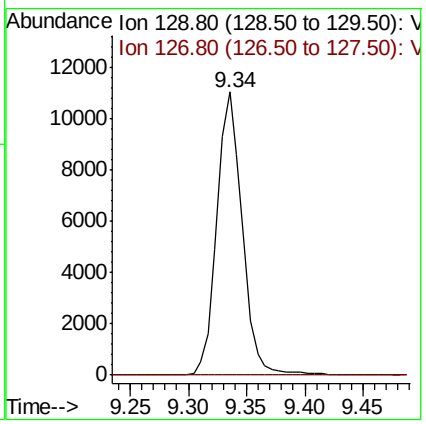


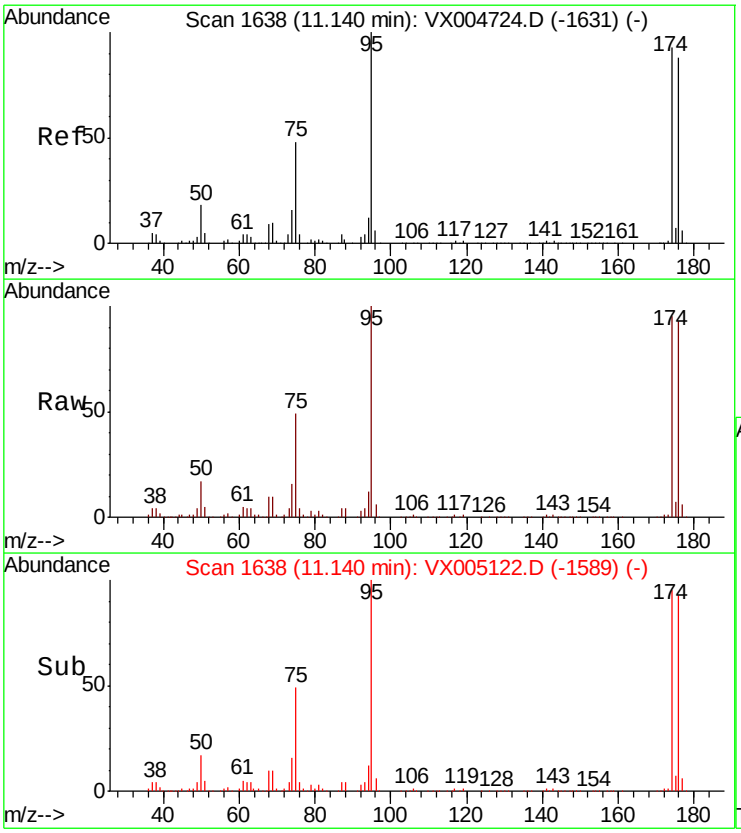
#60
Dibromochloromethane
Concen: 6.237 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion:129 Resp: 16605

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#

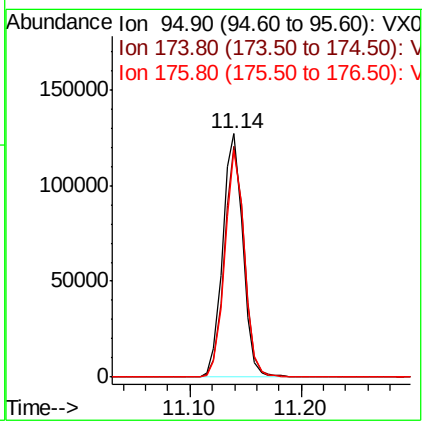


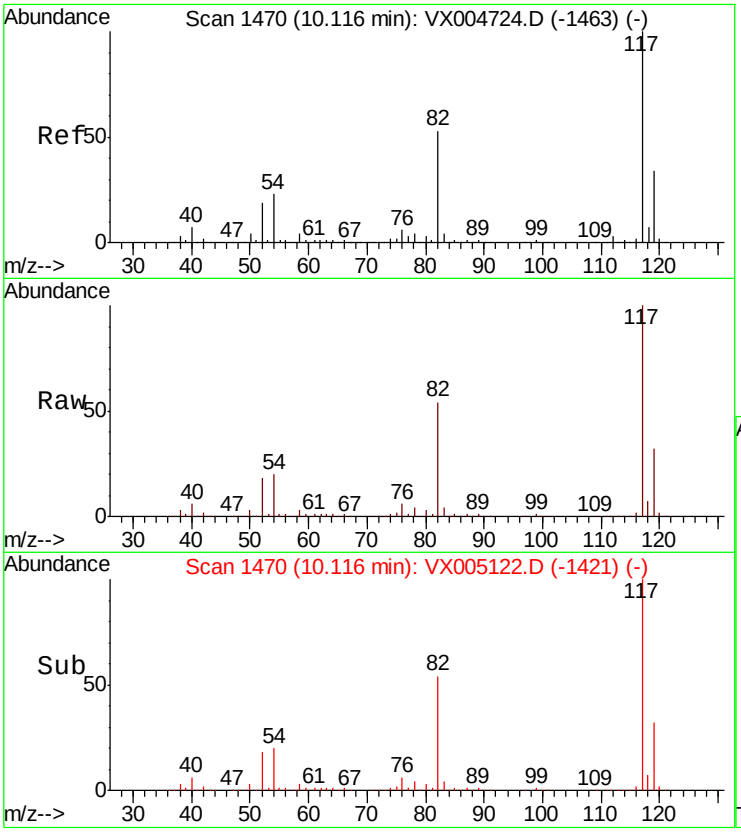


#62
4-Bromofluorobenzene
Concen: 51.235 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 95 Resp: 158880

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	185.0
176	90.4	0.0	180.2



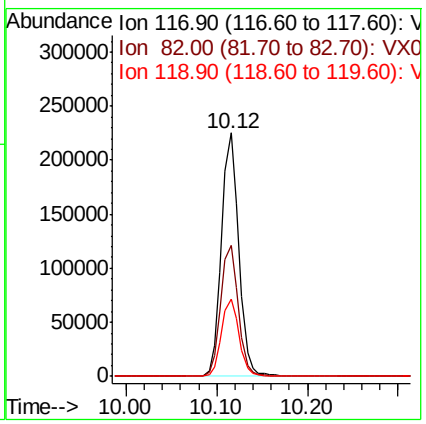


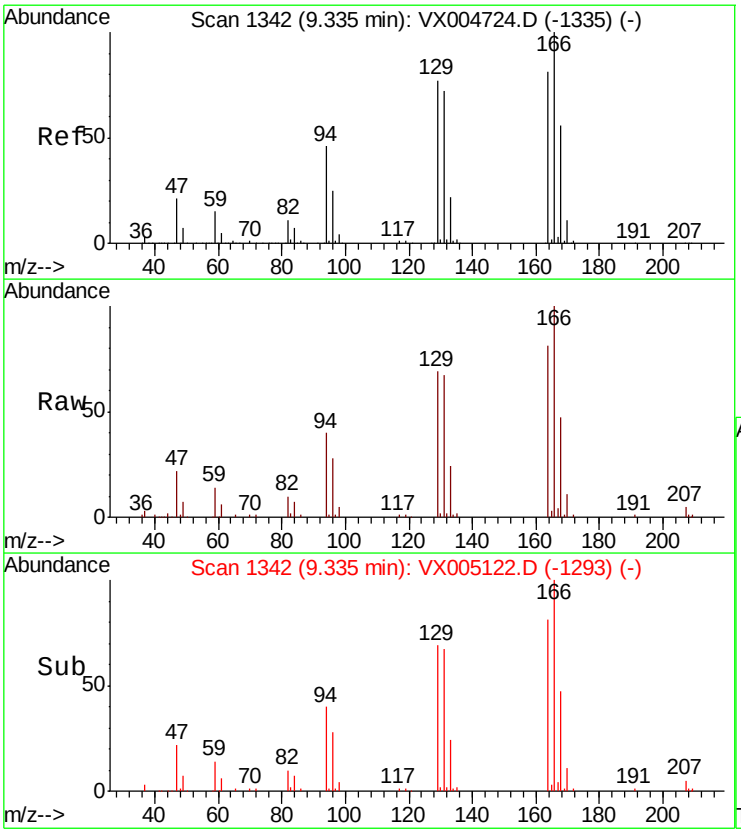
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927

Tgt Ion:117 Resp: 301185

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.2	63.4
119	31.9	27.4	41.0

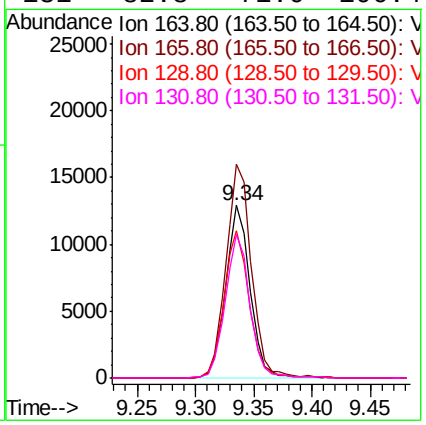


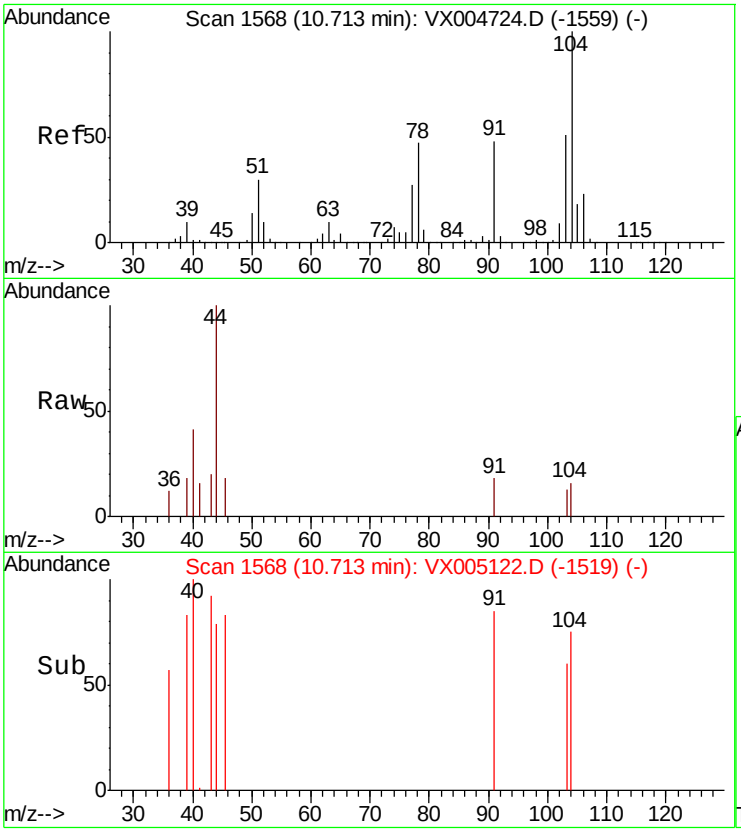


#64
Tetrachloroethene
Concen: 6.349 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion:164 Resp: 18820

Ion	Ratio	Lower	Upper
164	100		
166	123.9	98.4	147.6
129	85.5	76.1	114.1
131	82.8	71.0	106.4



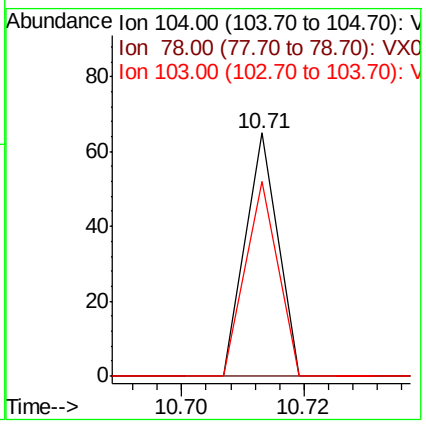


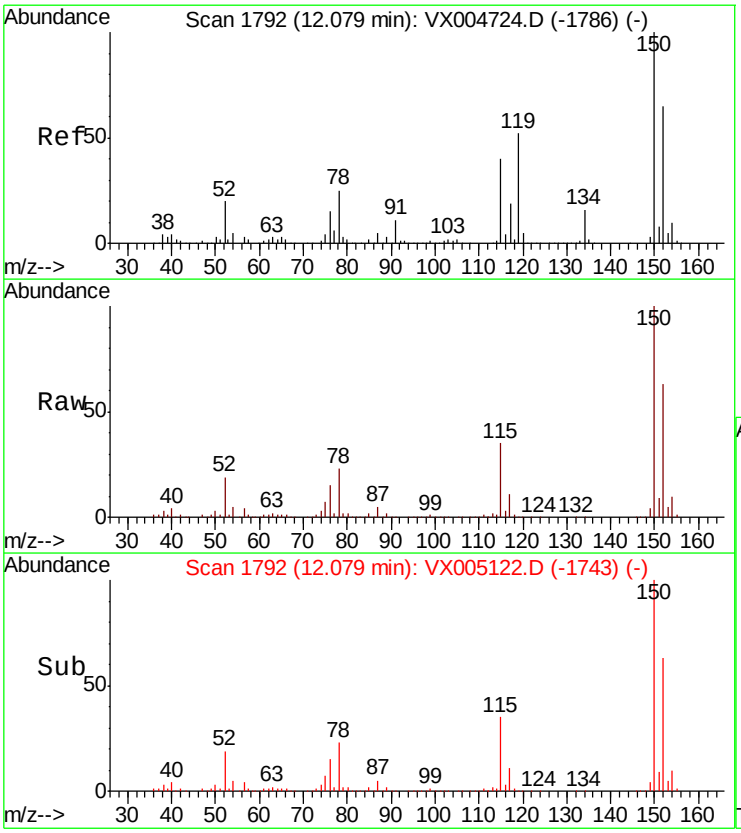
#70
Stvrene
Concen: 2.143 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion:104 Resp: 24

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	79.2	44.3	66.5#

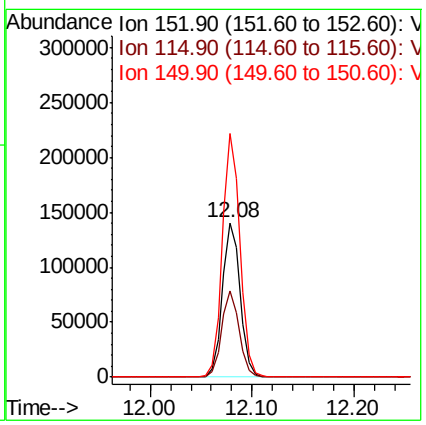


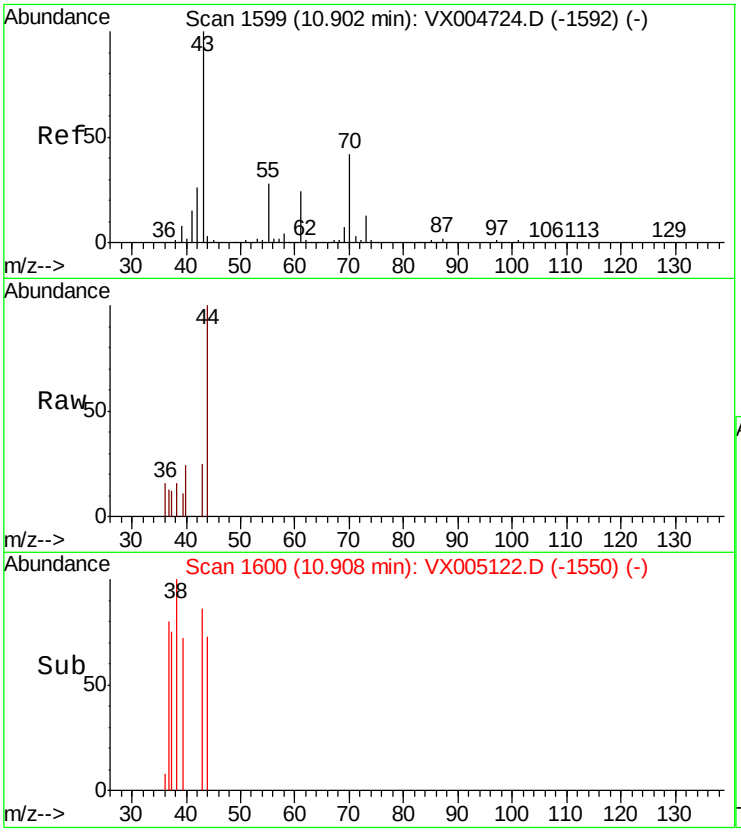


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion:152 Resp: 168542

Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.2	120.6
150	157.0	0.0	351.0



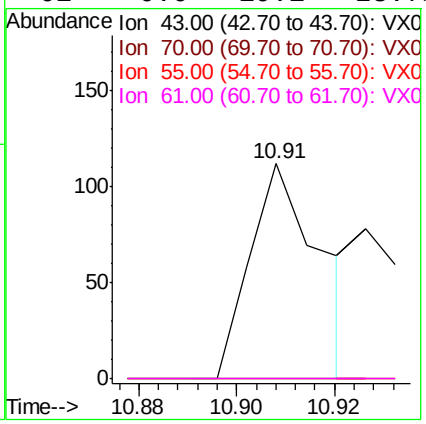


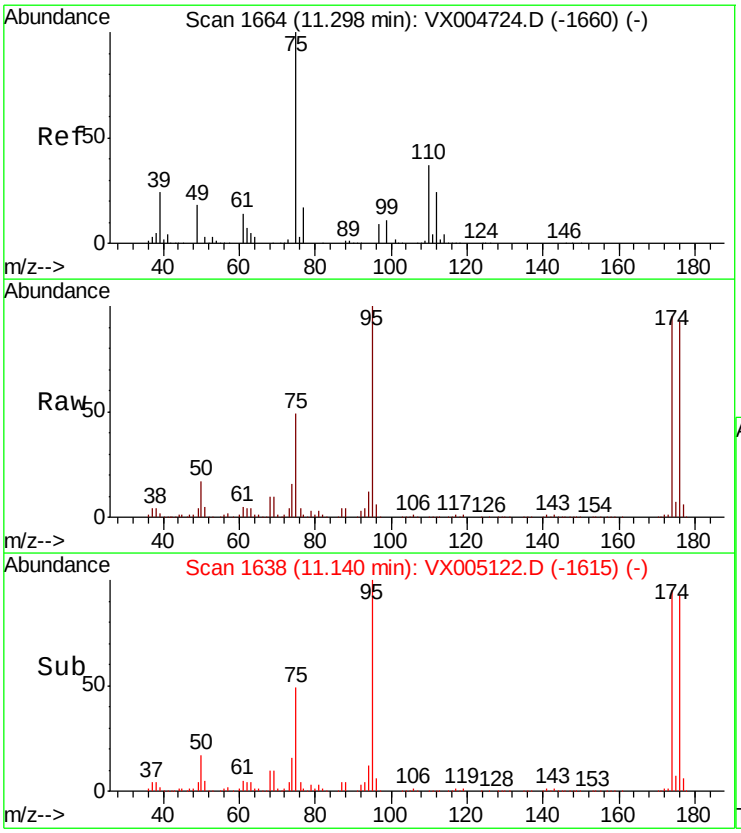
#74
N-amyl acetate
Concen: 1.766 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927

Tgt Ion: 43 Resp: 111

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#

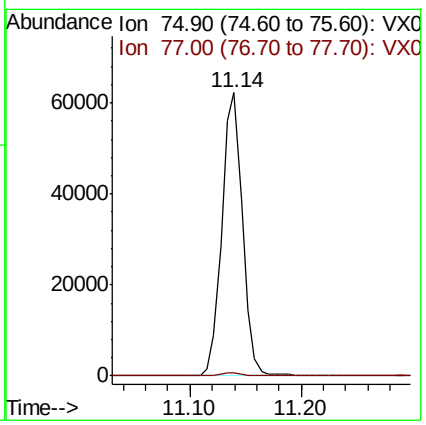


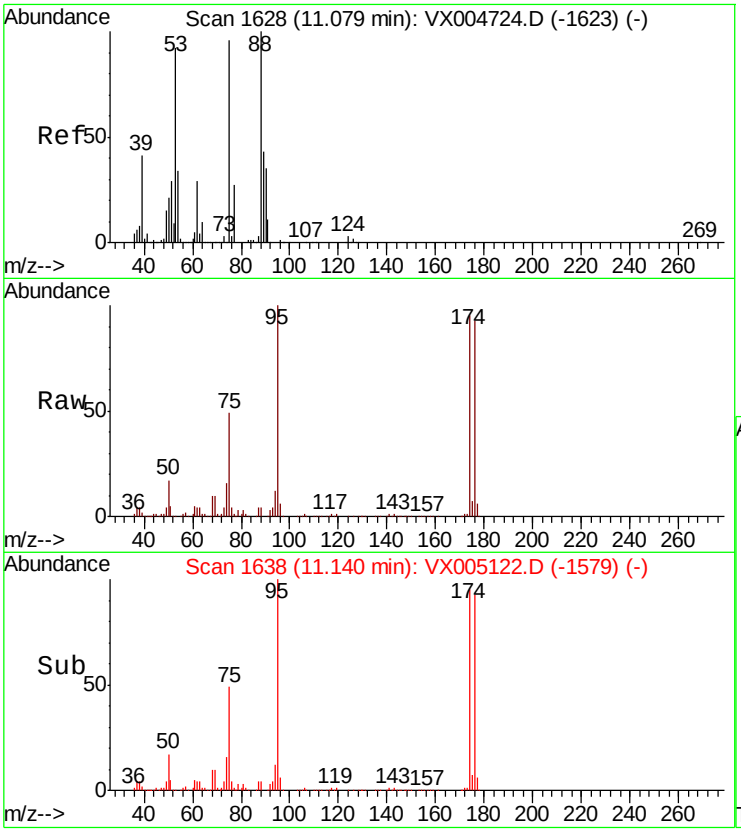


#76
1,2,3-Trichloropropane
Concen: 21.048 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion: 75 Resp: 79510

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



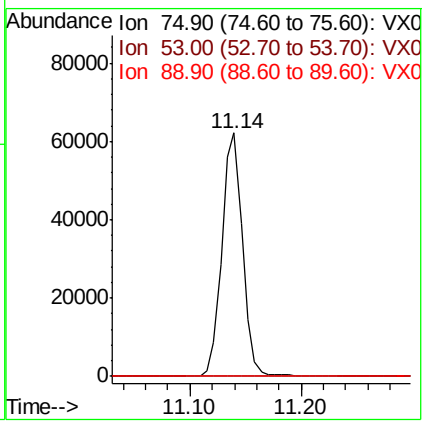


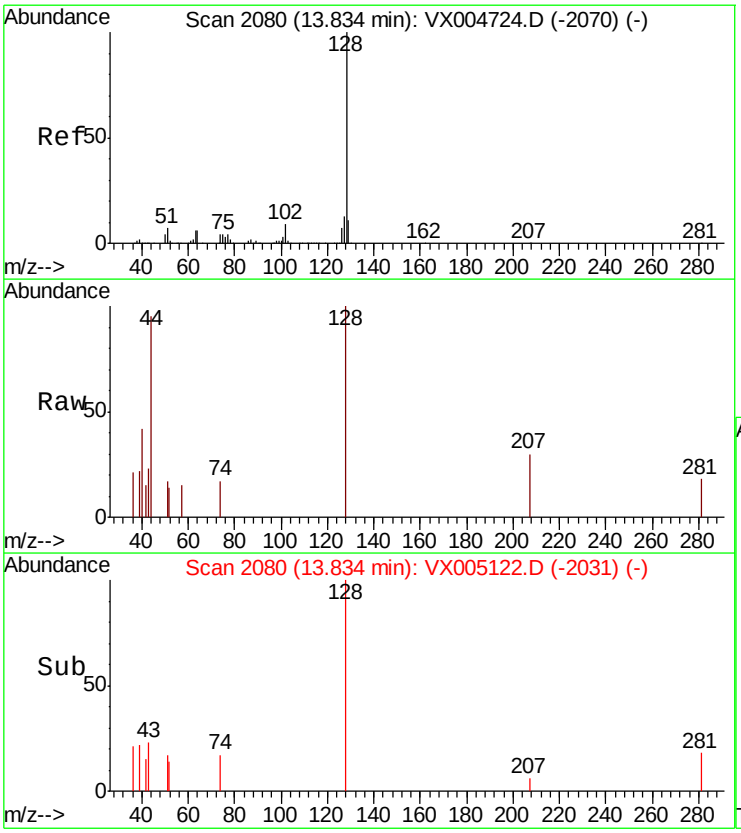
#81
trans-1,4-Dichloro-2-butene
Concen: 57.110 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927

Tgt Ion: 75 Resp: 79510

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.754 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005122.D
Acq: 08 Oct 2018 12:54

Tgt Ion:128 Resp: 488

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