Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014143.D
Acq On : 20 Dec 2019 01:22
Operator : JC/SP
Sample : K6372-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 20 04:00:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	568117	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	872284	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	783079	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341139	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	315868	49.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.12%				
35) Dibromofluoromethane	5.48	113	257627	48.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.18%				
50) Toluene-d8	8.71	98	1036713	50.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.44%				
62) 4-Bromofluorobenzene	11.13	95	343146	45.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.94%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	2106	0.412	ug/l		96
10) Methyl Iodide	2.51	142	2552	2.962	ug/l	#	68
13) Acrolein	2.27	56	779	0.978	ug/l	#	60
14) Allyl chloride	2.59	41	10458	1.072	ug/l	#	56
16) Acetone	2.43	43	4459	1.067	ug/l		90
17) Carbon Disulfide	2.56	76	4973	1.073	ug/l		97
28) Bromochloromethane	4.98	49	541	0.583	ug/l	#	57
29) Tetrahydrofuran	5.10	42	800	0.278	ug/l		91
30) Chloroform	5.20	83	9748	0.951	ug/l		93
36) 1,1-Dichloropropene	5.64	75	38981	4.870	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	50369	6.908	ug/l	#	16
42) 1,2-Dichloroethane	6.18	62	2313	0.277	ug/l		87
44) Trichloroethene	7.20	130	2521	0.371	ug/l		79
49) 1,4-Dioxane	7.74	88	354	2.429	ug/l	#	1
64) Tetrachloroethene	9.33	164	22960	3.313	ug/l		98
68) m/p-Xylenes	10.36	106	2343	0.213	ug/l	#	41
76) 1,2,3-Trichloropropane	11.13	75	166979	22.546	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	166979	63.637	ug/l	#	12
95) Naphthalene	13.84	128	4626	0.208	ug/l	#	78

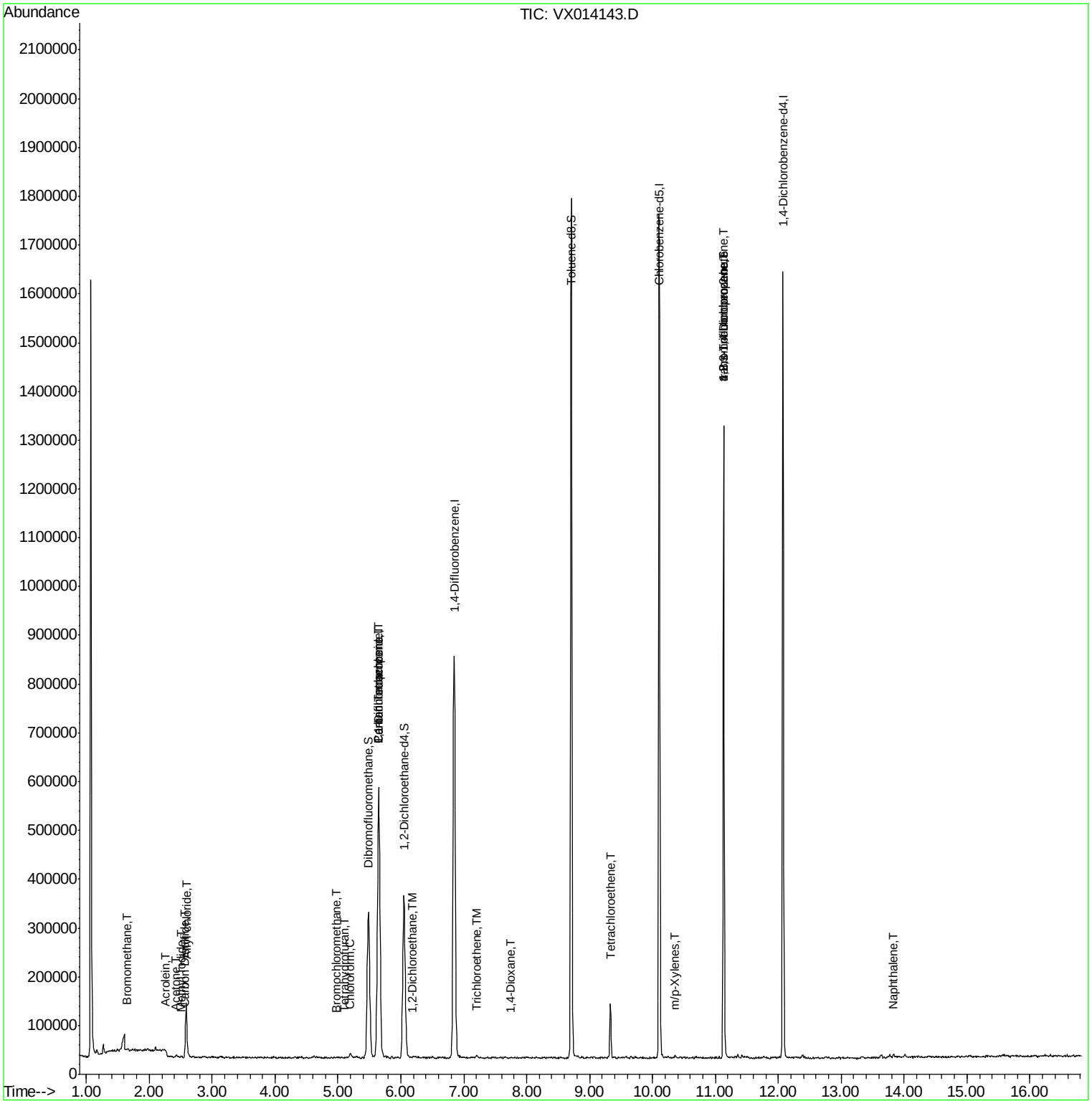
(#) = qualifier out of range (m) = manual integration (+) = signals summed

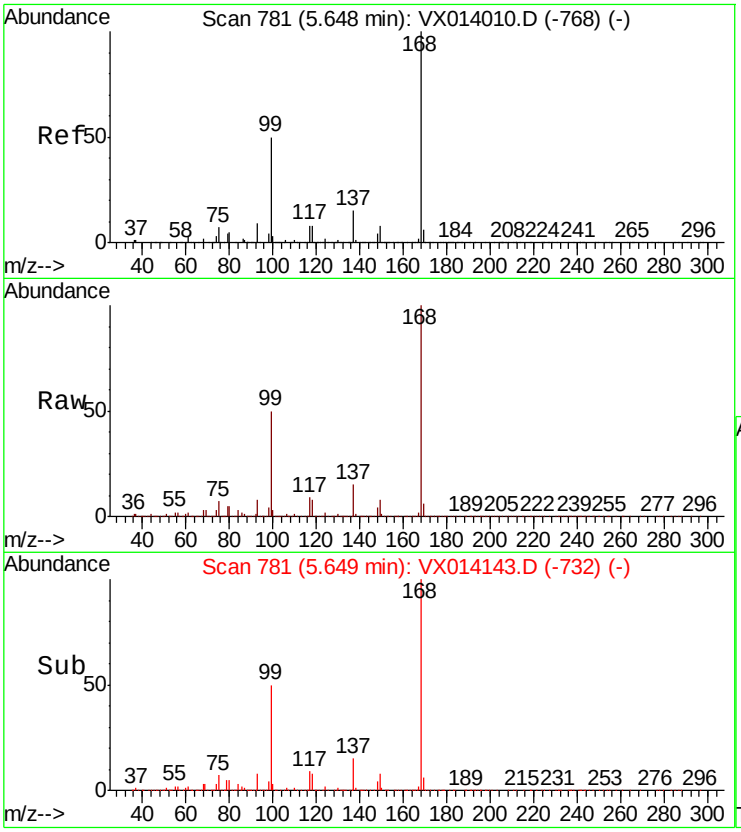
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014143.D
Acq On : 20 Dec 2019 01:22
Operator : JC/SP
Sample : K6372-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 20 04:00:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



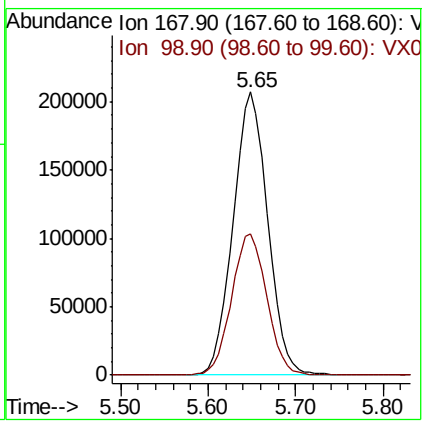


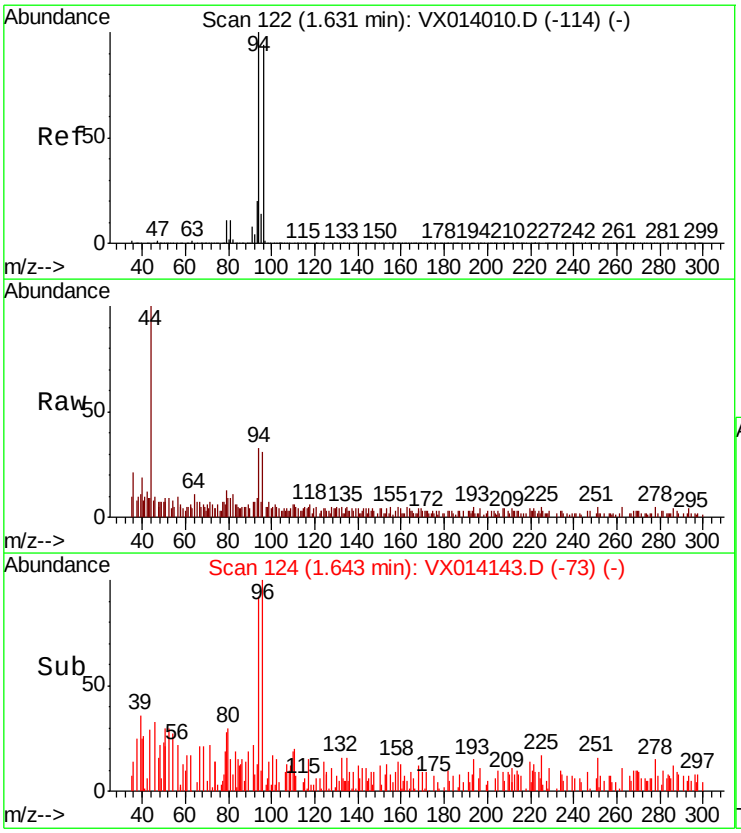
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 568117

Ion	Ratio	Lower	Upper
168	100		
99	50.1	40.3	60.5

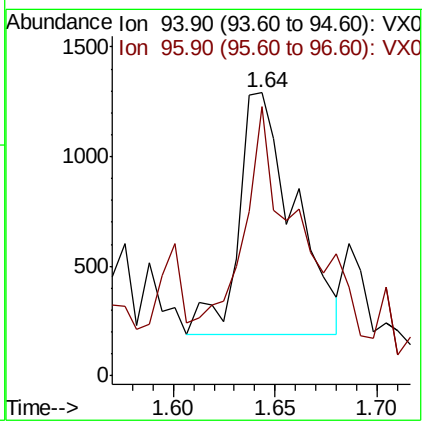


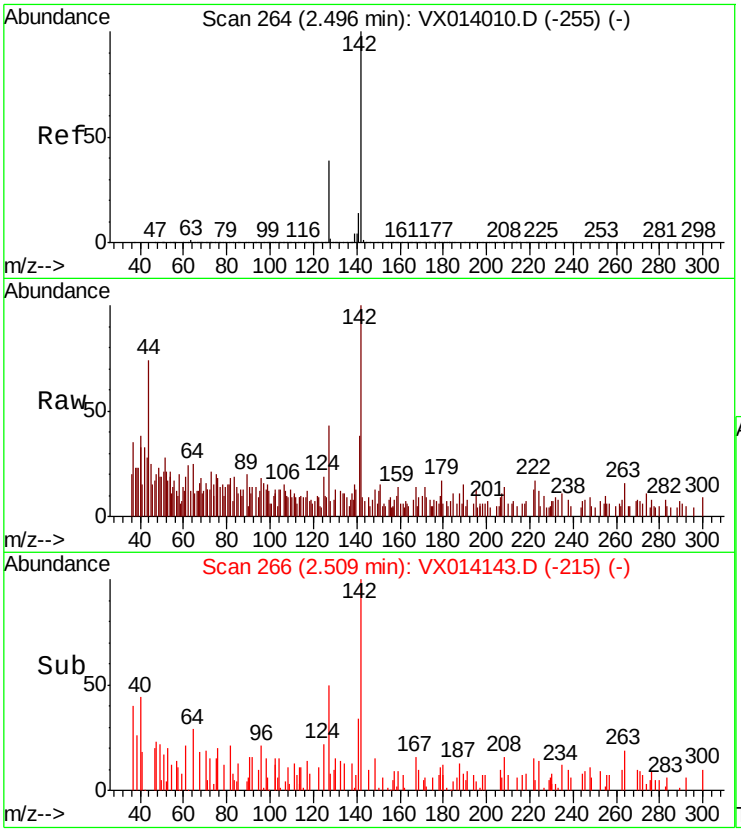


#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 94 Resp: 2106

Ion	Ratio	Lower	Upper
94	100		
96	89.8	75.2	112.8



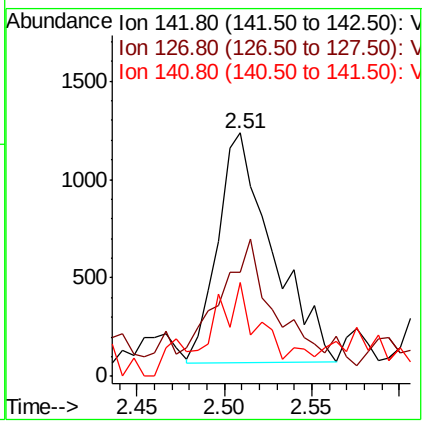


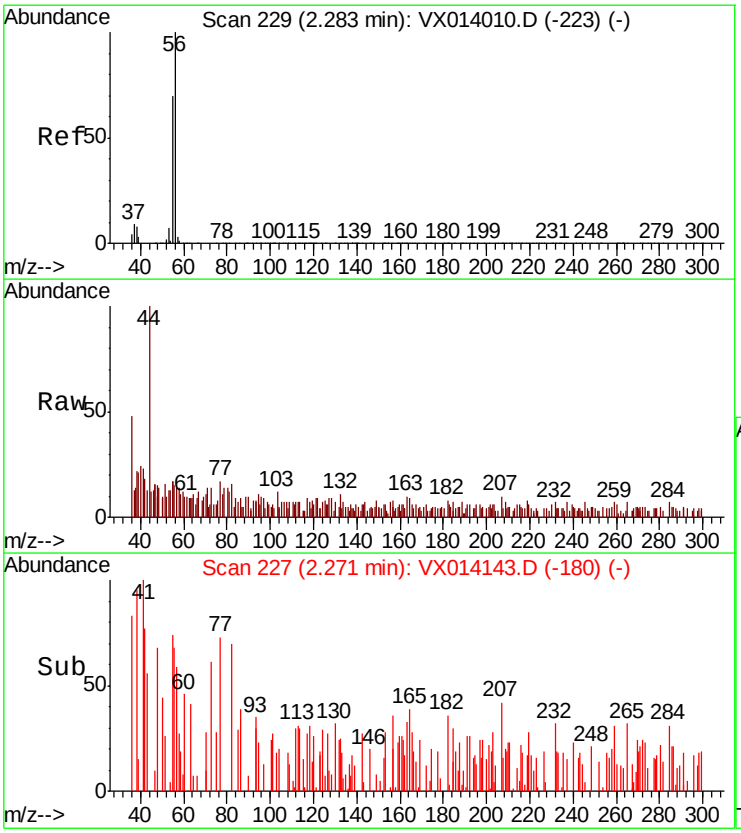
#10
Methyl Iodide
Concen: 2.962 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2552

Ion	Ratio	Lower	Upper
142	100		
127	57.5	31.6	47.4#
141	30.8	11.6	17.4#

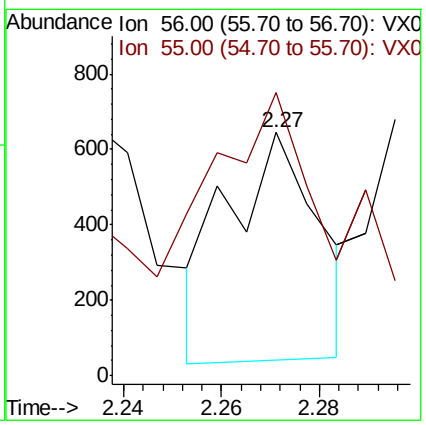


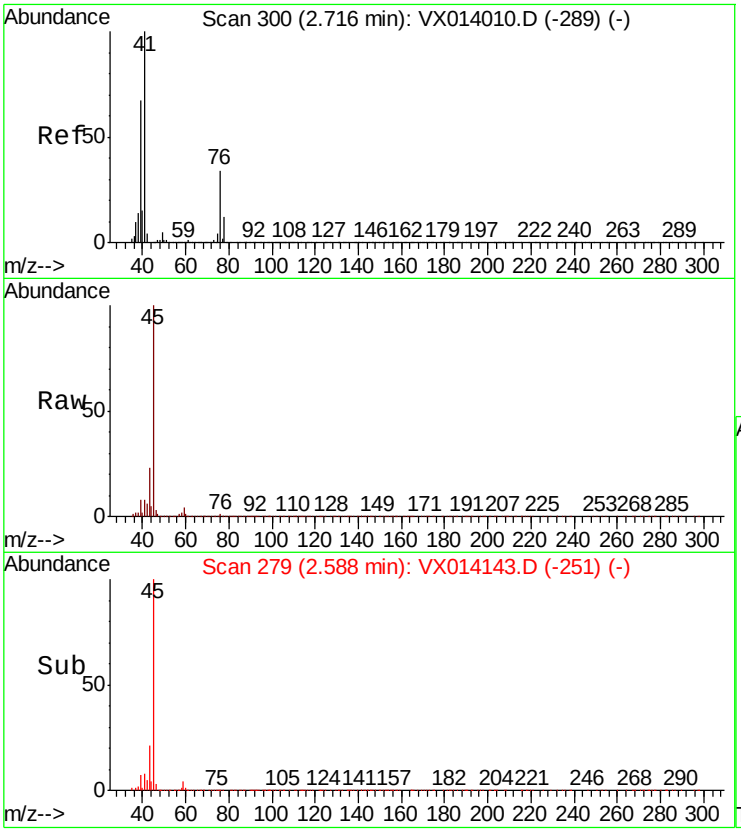


#13
Acrolein
Concen: 0.978 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 56 Resp: 779

Ion	Ratio	Lower	Upper
56	100		
55	104.5	56.9	85.3#



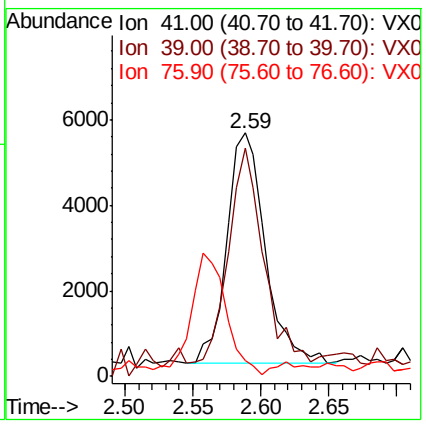


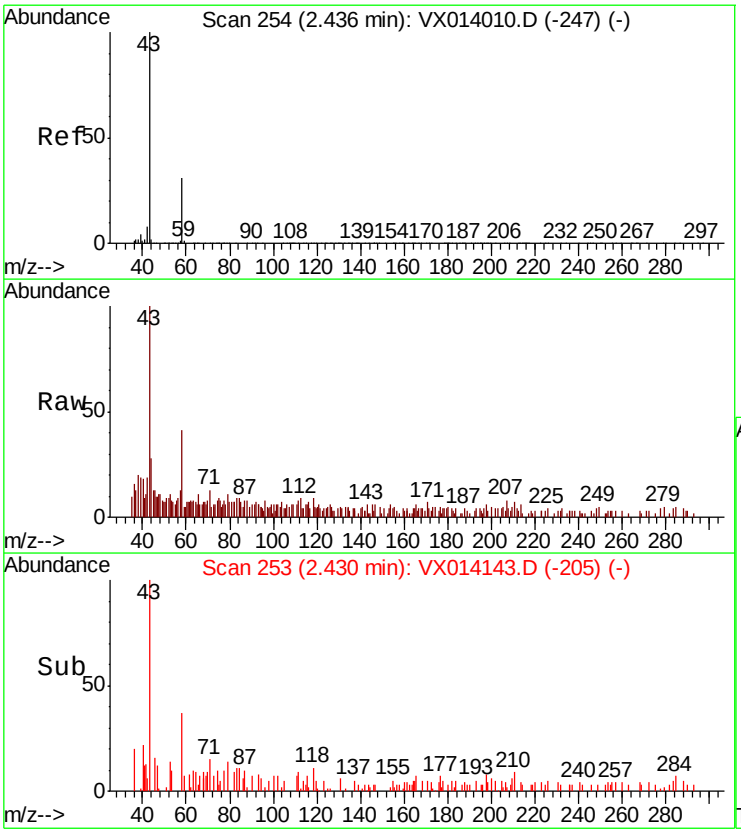
#14
Allyl chloride
Concen: 1.072 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.13 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 10458

Ion	Ratio	Lower	Upper
41	100		
39	93.7	51.8	77.8#
76	0.0	25.9	38.9#

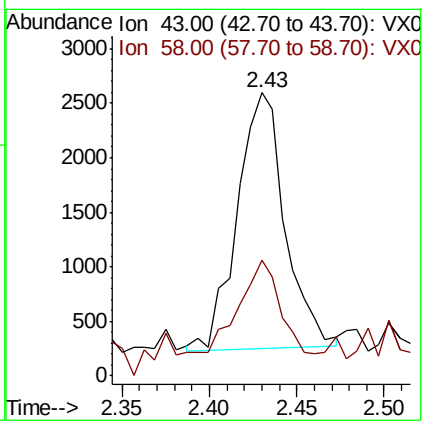


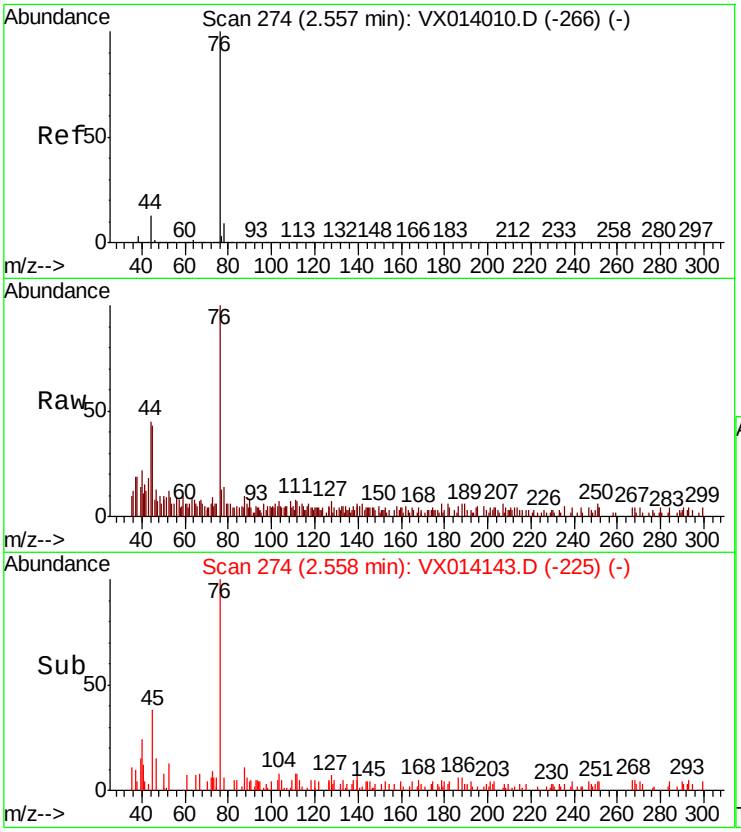


#16
Acetone
Concen: 1.067 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 43 Resp: 4459

Ion	Ratio	Lower	Upper
43	100		
58	36.6	24.9	37.3



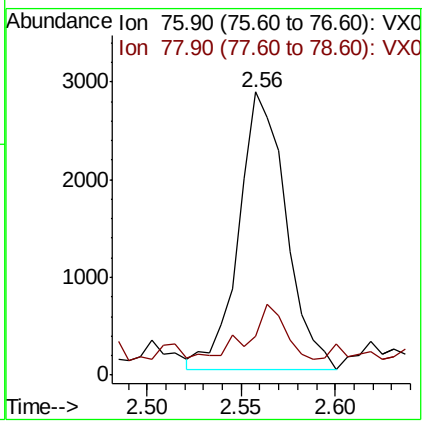


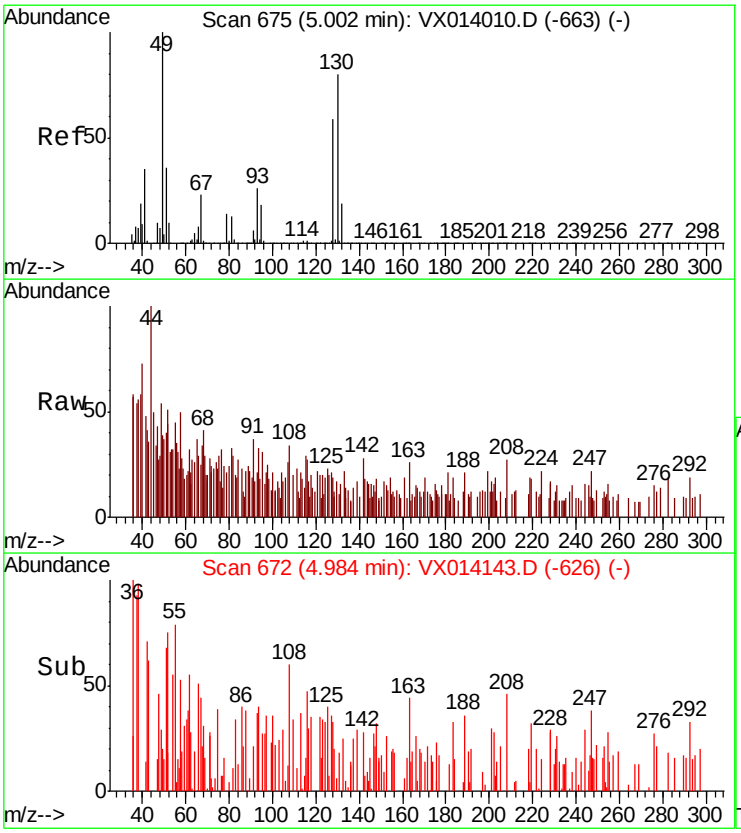
#17
Carbon Disulfide
Concen: 1.073 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4973

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.2	10.8

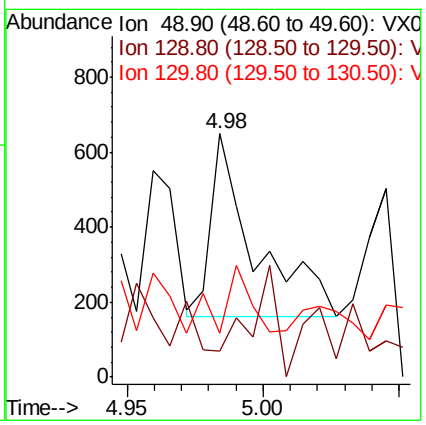


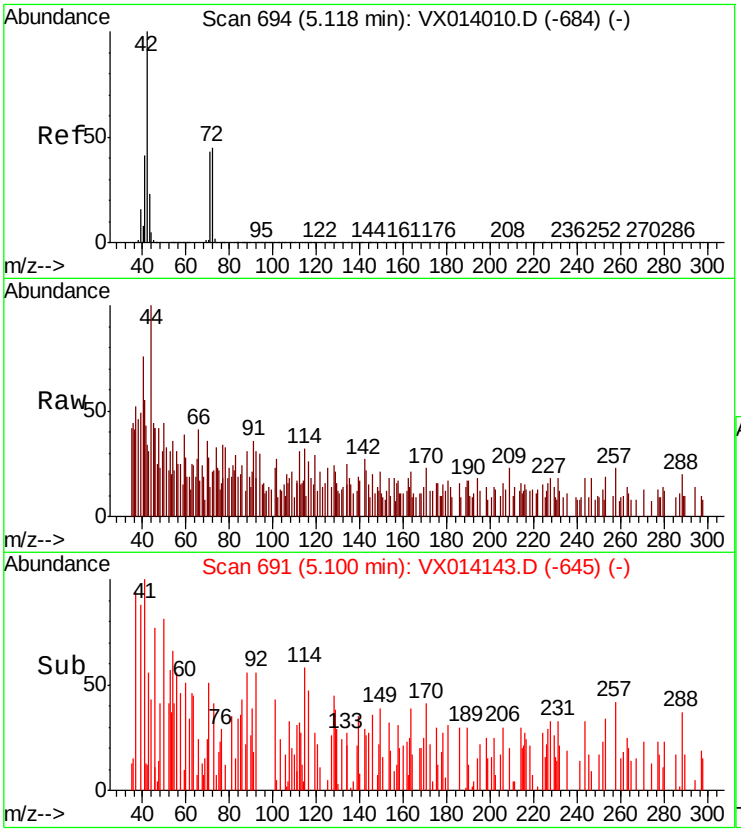


#28
Bromochloromethane
Concen: 0.583 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.02 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 49 Resp: 541

Ion	Ratio	Lower	Upper
49	100		
129	38.3	0.0	5.0#
130	44.0	64.6	97.0#



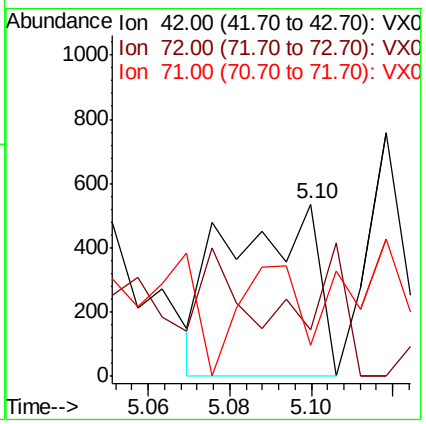


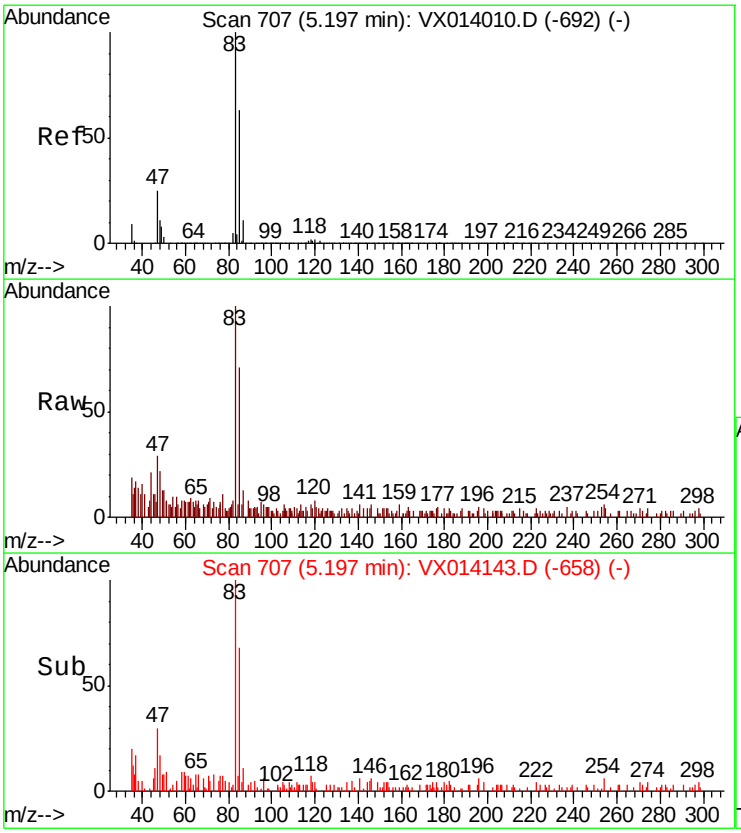
#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.10 min Scan# 691
Delta R.T. -0.02 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 800

Ion	Ratio	Lower	Upper
42	100		
72	36.6	35.8	53.8
71	45.3	33.6	50.4

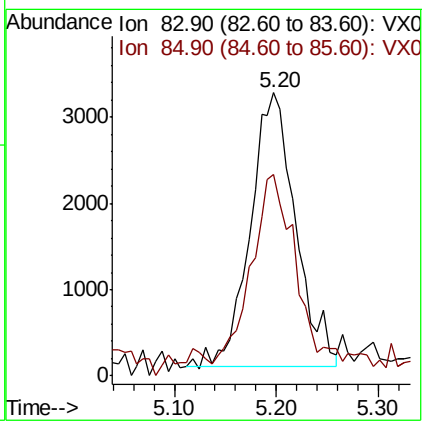


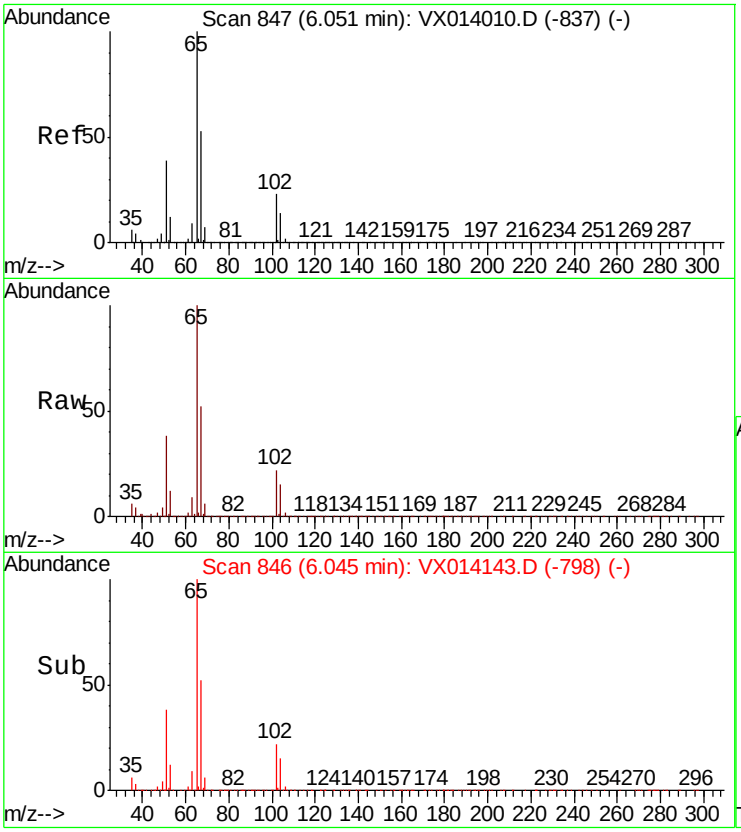


#30
Chloroform
Concen: 0.951 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 83 Resp: 9748

Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.8	76.2



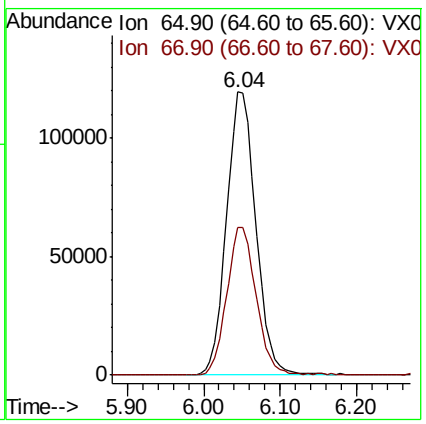


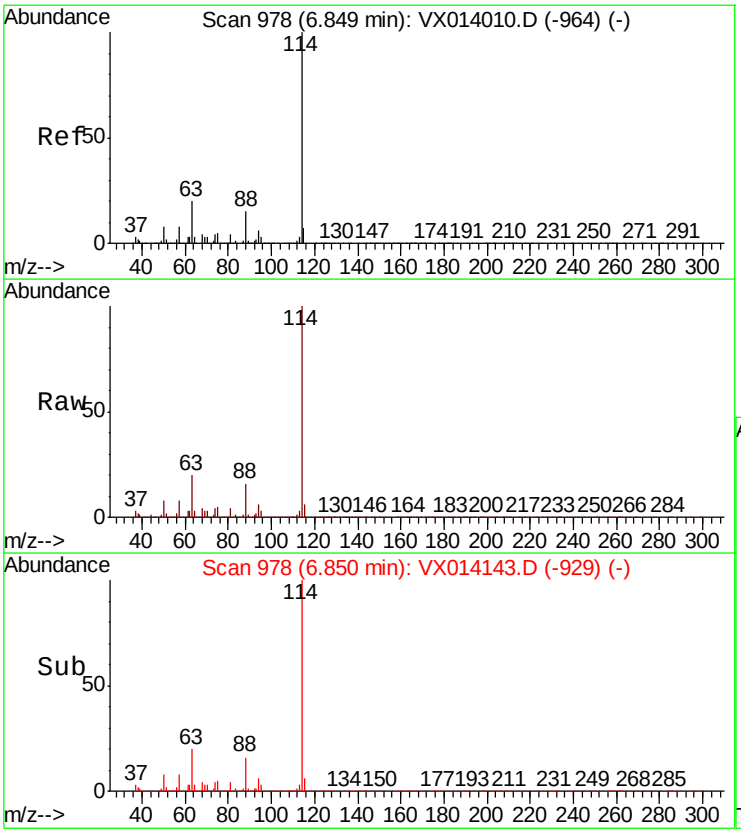
#33
1,2-Dichloroethane-d4
Concen: 49.057 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 315868

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.4

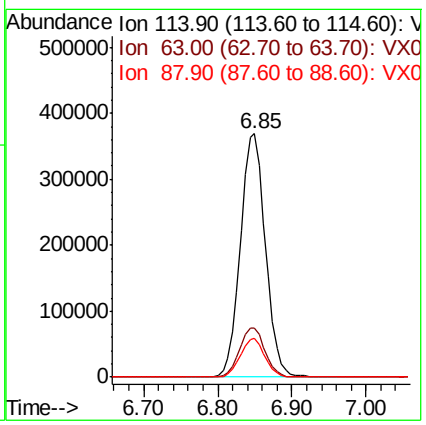


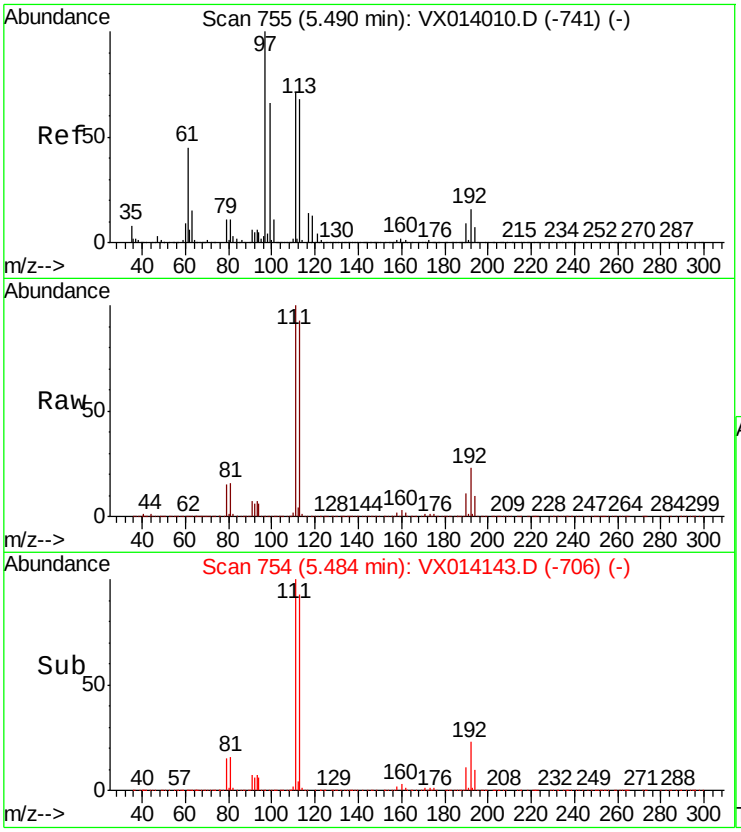


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion:114 Resp: 872284

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.8	0.0	30.4



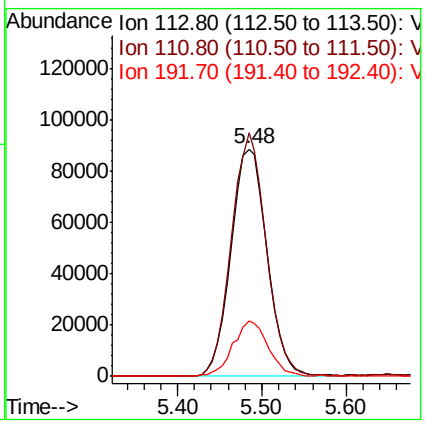


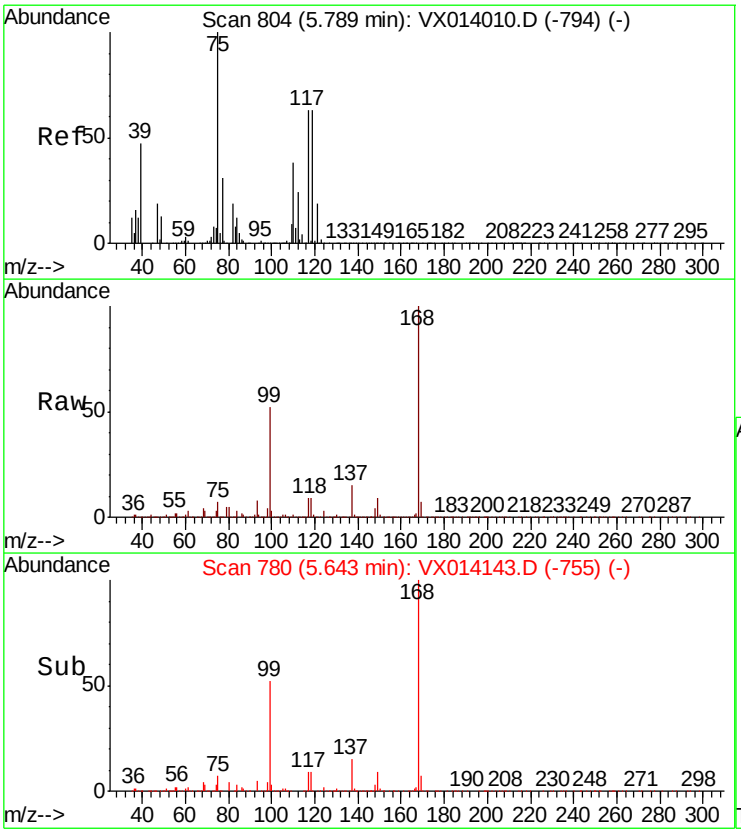
#35
Dibromofluoromethane
Concen: 48.586 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 257627

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.9	19.3	28.9

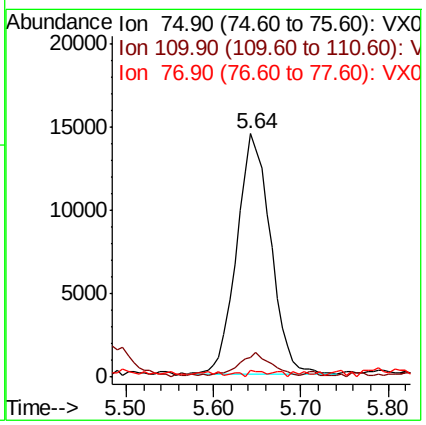


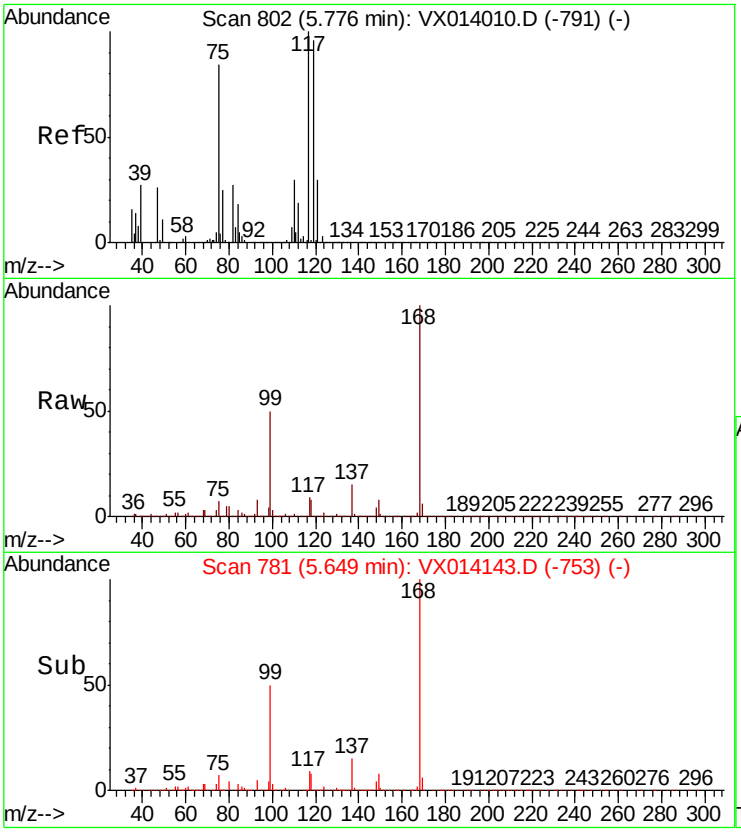


#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 75 Resp: 38981

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.3	54.9#
77	1.2	24.8	37.2#



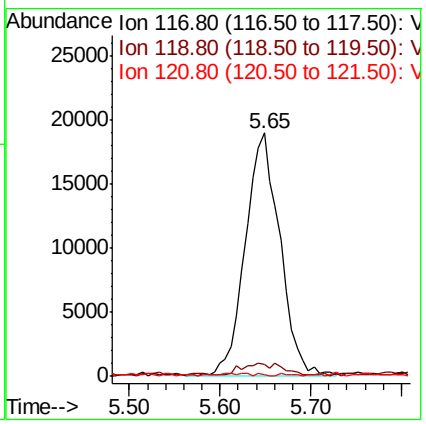


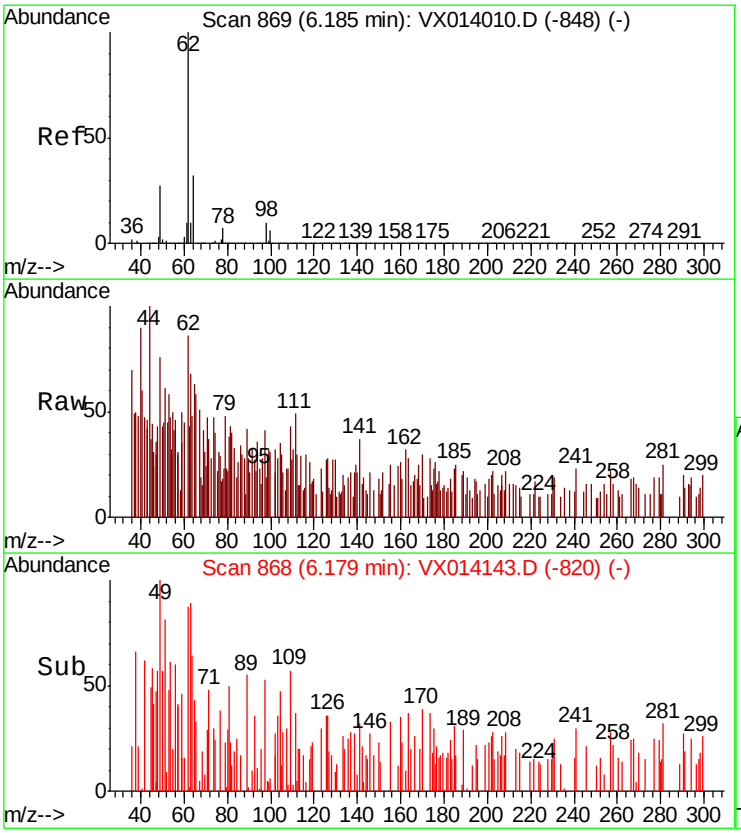
#38
Carbon Tetrachloride
Concen: 6.908 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 50369

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.4#
121	0.3	23.6	35.4#

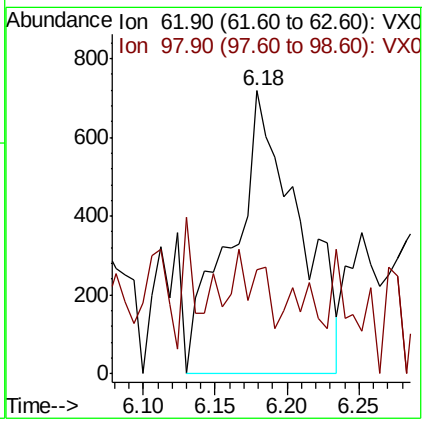


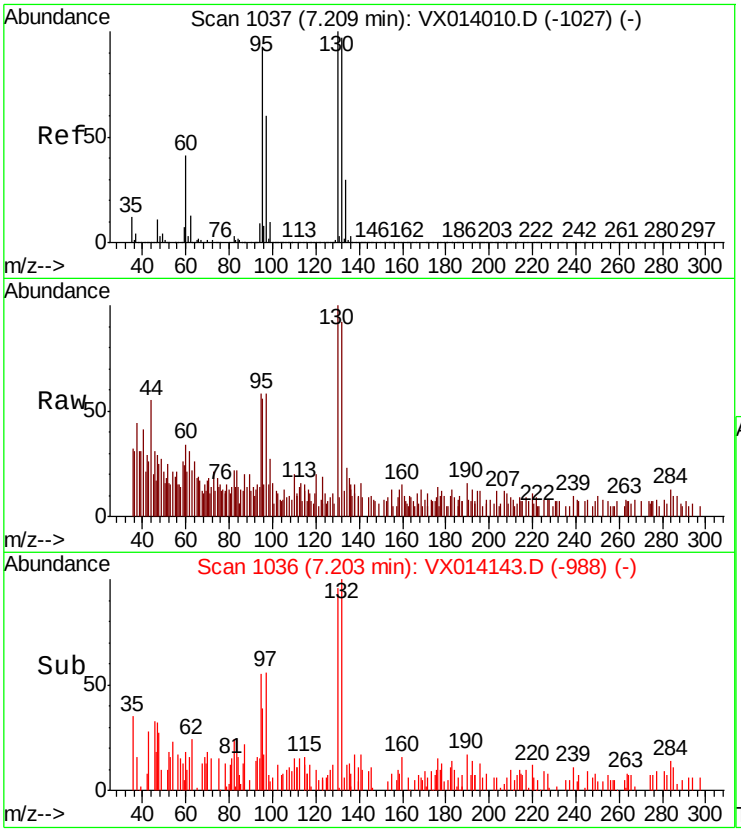


#42
1,2-Dichloroethane
Concen: 0.277 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 62 Resp: 2313

Ion	Ratio	Lower	Upper
62	100		
98	15.3	0.0	21.0



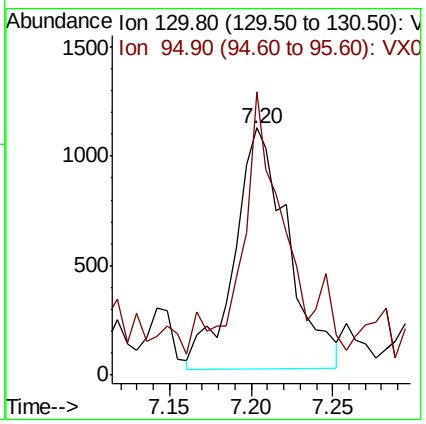


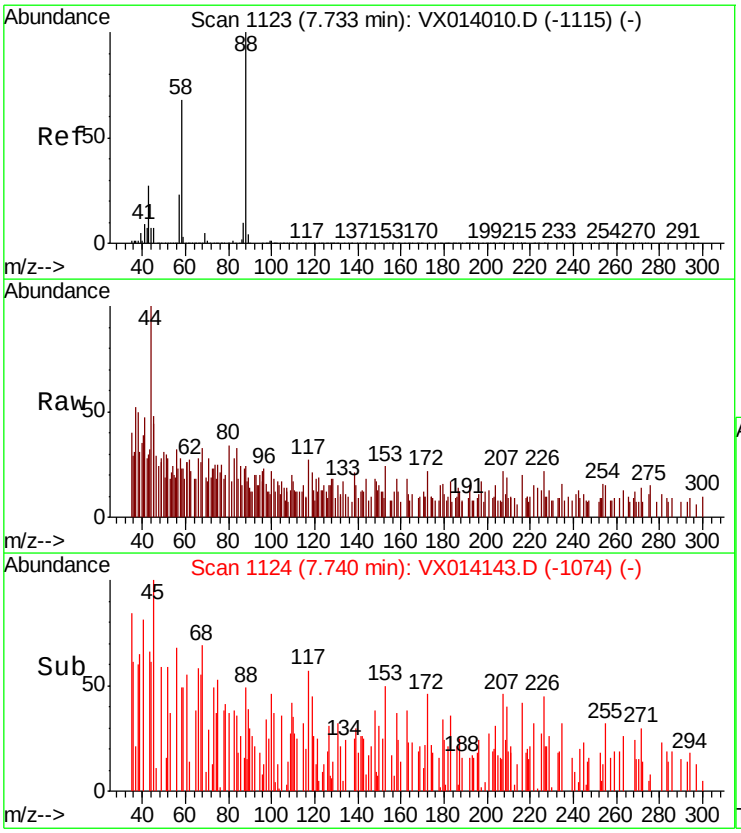
#44
Trichloroethene
Concen: 0.371 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 2521

Ion	Ratio	Lower	Upper
130	100		
95	112.7	0.0	185.6

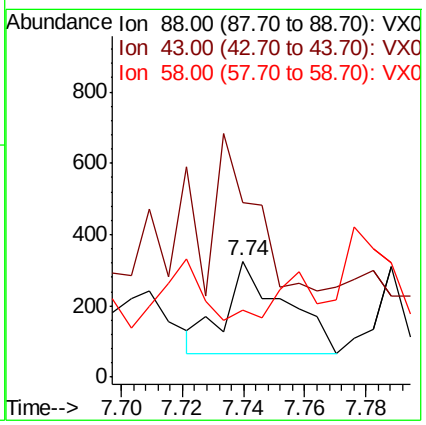


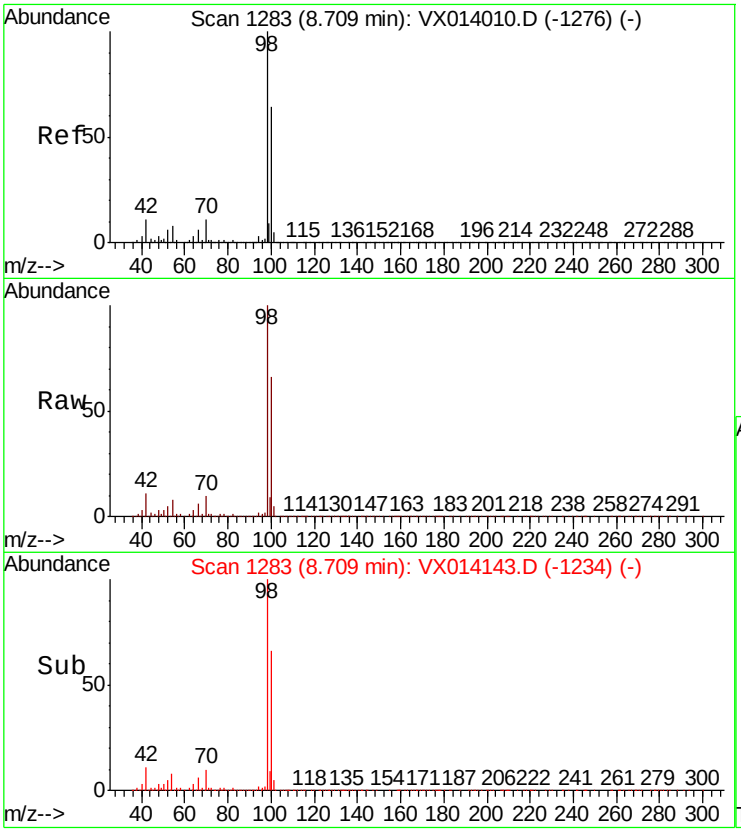


#49
1,4-Dioxane
Concen: 2.429 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 88 Resp: 354

Ion	Ratio	Lower	Upper
88	100		
43	245.2	26.5	39.7#
58	49.2	56.8	85.2#



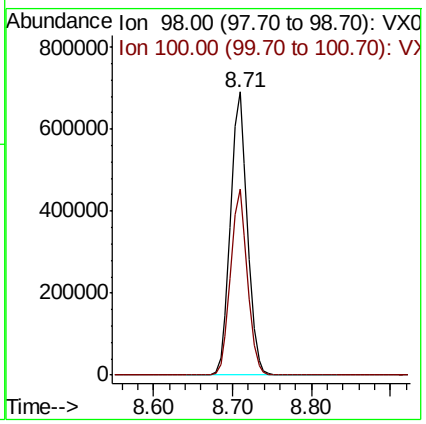


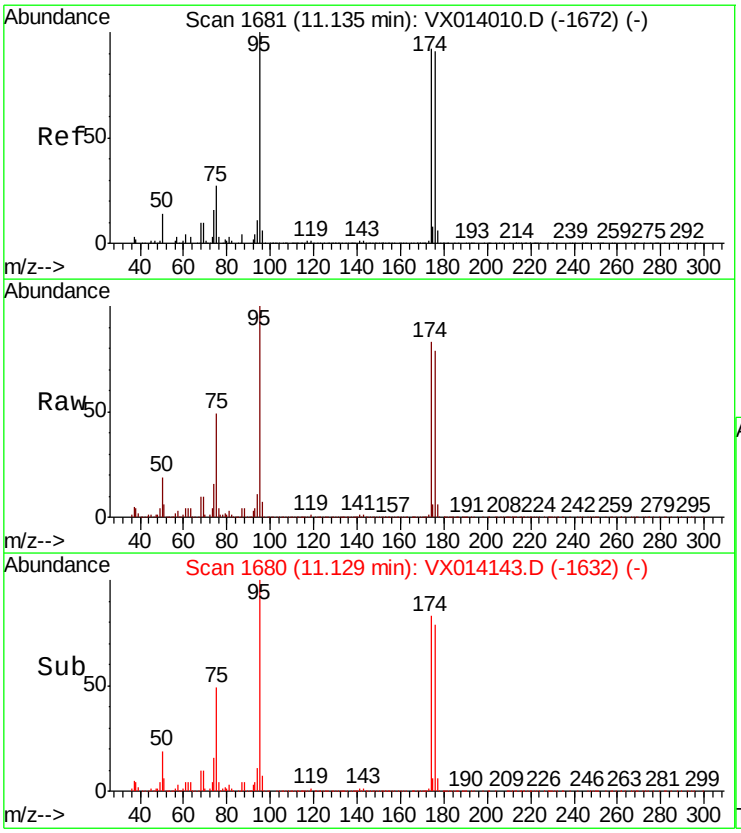
#50
Toluene-d8
Concen: 50.219 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1036713

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3

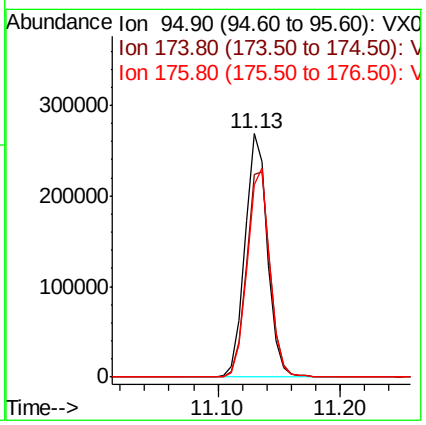


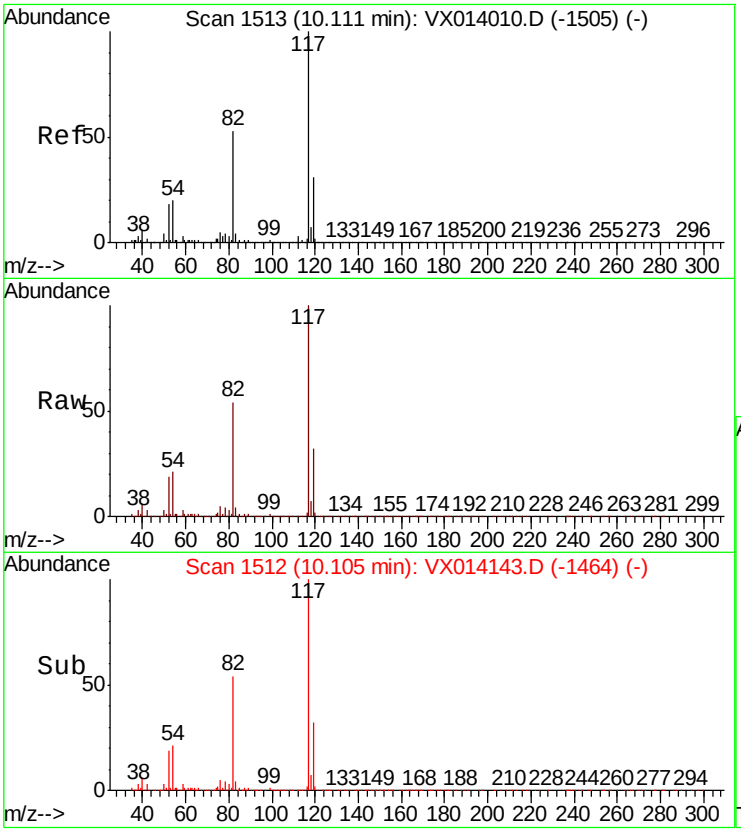


#62
4-Bromofluorobenzene
Concen: 45.472 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 95 Resp: 343146

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	175.8
176	86.8	0.0	173.0



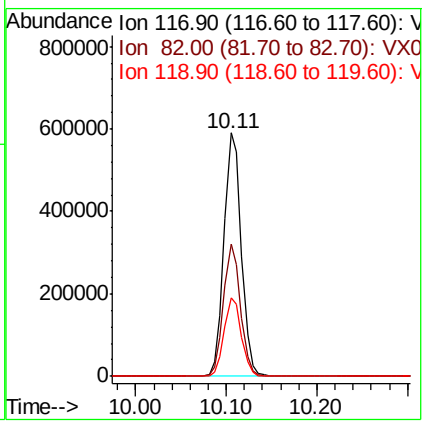


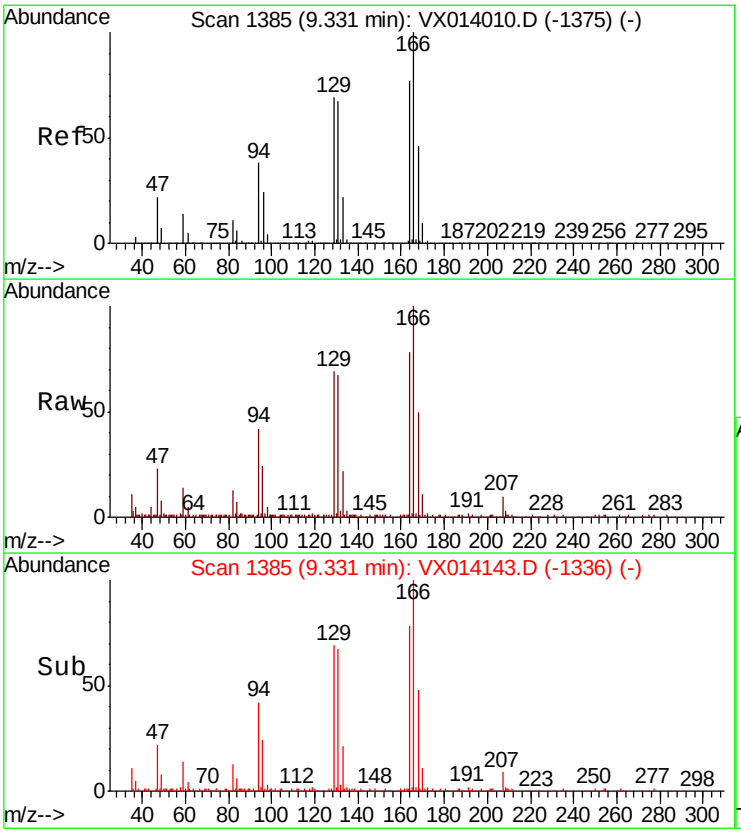
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 783079

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.0	25.1	37.7

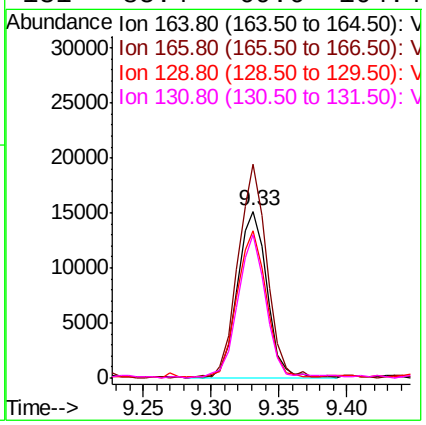


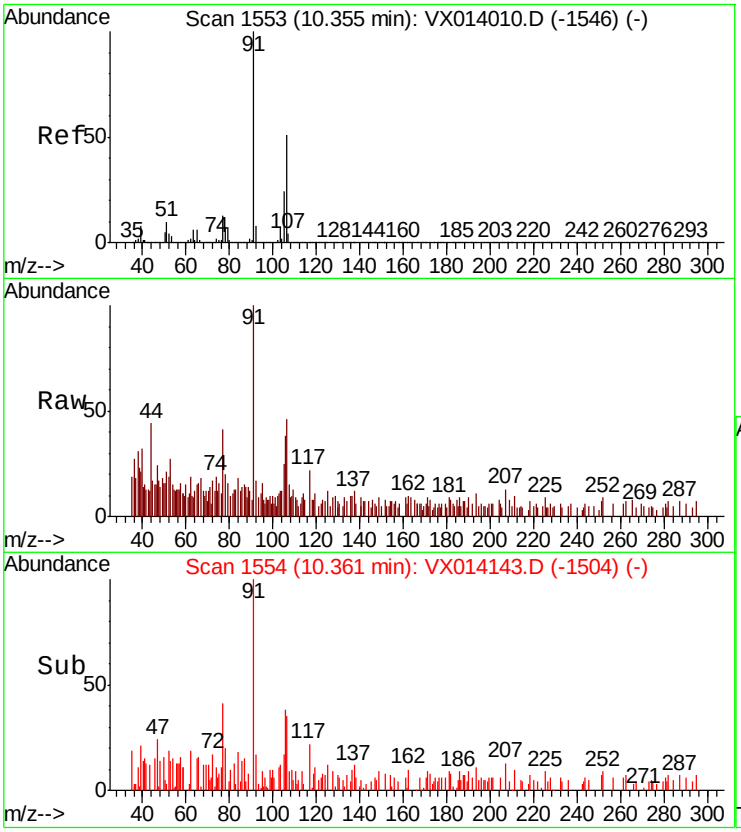


#64
Tetrachloroethene
Concen: 3.313 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion:164 Resp: 22960

Ion	Ratio	Lower	Upper
164	100		
166	128.1	104.0	156.0
129	87.5	72.2	108.4
131	85.4	69.6	104.4



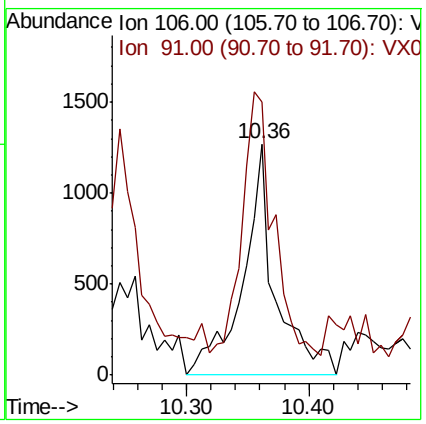


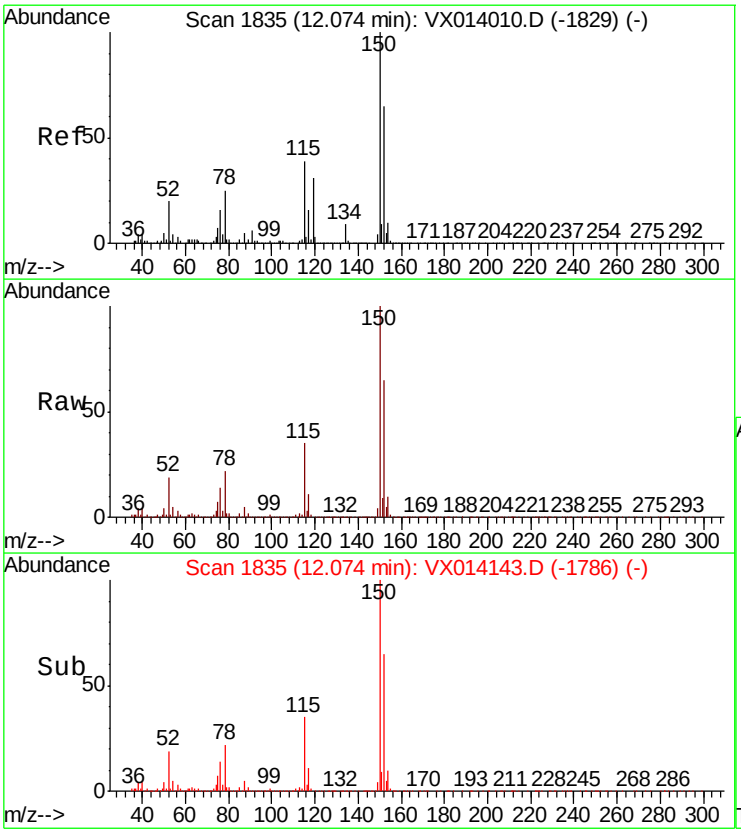
#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2343

Ion	Ratio	Lower	Upper
106	100		
91	109.3	158.6	238.0#

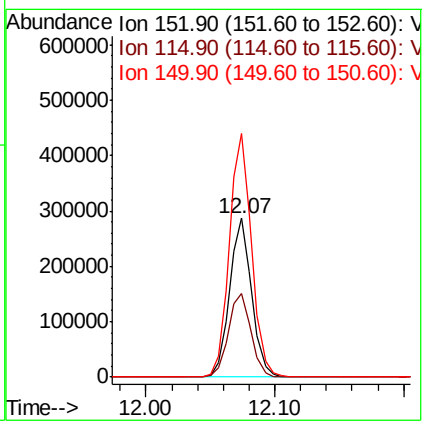


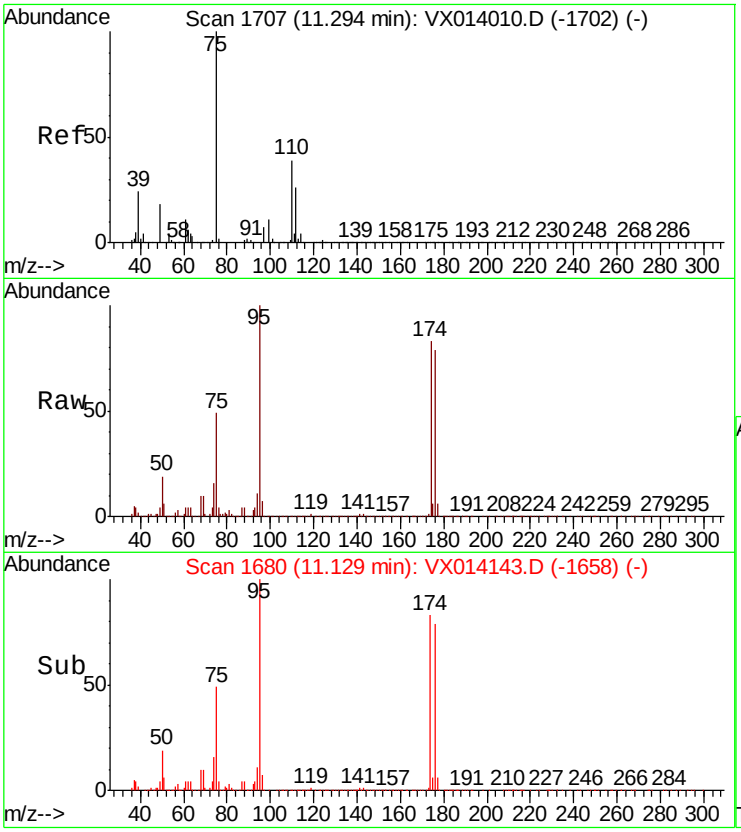


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion:152 Resp: 341139

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.3	114.9
150	155.7	0.0	345.4



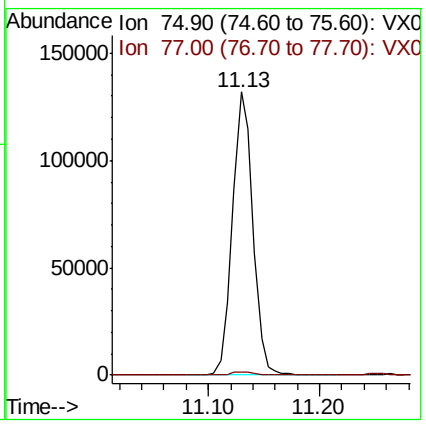


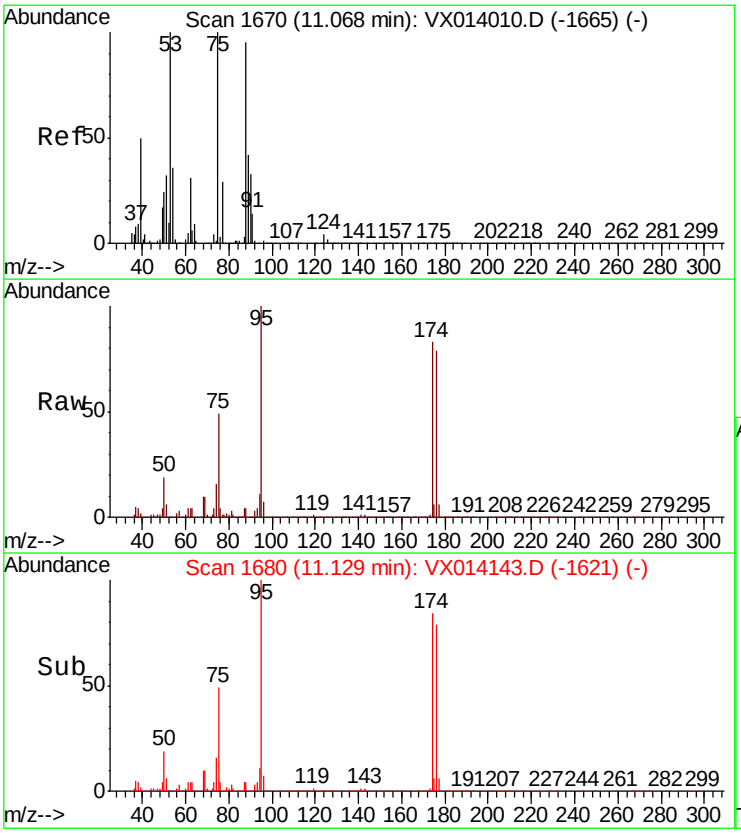
#76
1,2,3-Trichloropropane
Concen: 22.546 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 166979

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.3	57.8#

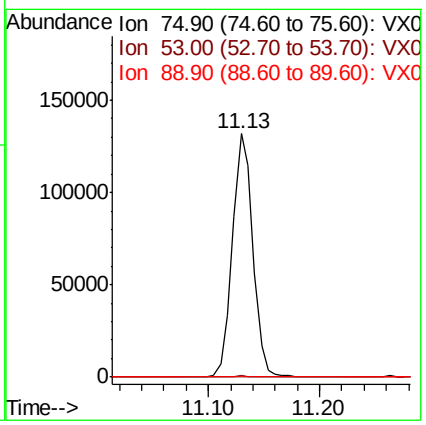


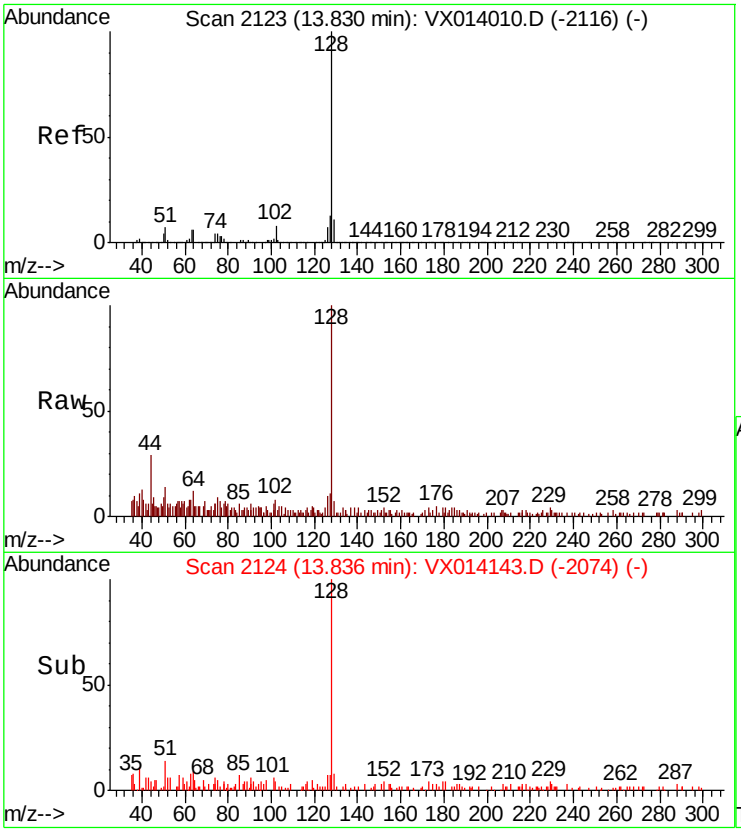


#81
trans-1,4-Dichloro-2-butene
Concen: 63.637 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 75 Resp: 166979

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.7	115.1#
89	0.1	34.6	51.8#





#95
Naphthalene
Concen: 0.208 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 4626

Ion	Ratio	Lower	Upper
128	100		
127	21.5	10.2	15.4#
129	19.4	8.7	13.1#