Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX0144461.D
Acq On : 08 Jan 2020 11:03
Operator : JC/SP
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 08 11:52:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	541313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	822577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	288154	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.36%			
35) Dibromofluoromethane	5.48	113	244681	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.28%			
50) Toluene-d8	8.71	98	973629	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.78%			
62) 4-Bromofluorobenzene	11.13	95	337793	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	835	0.376	ug/l #	56
5) Bromomethane	1.64	94	2624	0.515	ug/l #	34
6) Chloroethane	1.69	64	1344	Below Cal		94
10) Methyl Iodide	2.51	142	2339	0.368	ug/l #	87
11) Tert butyl alcohol	3.01	59	350	0.277	ug/l #	14
13) Acrolein	2.27	56	550	0.544	ug/l #	15
16) Acetone	2.43	43	9041	Below Cal		90
17) Carbon Disulfide	2.56	76	4475	0.300	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	1335	0.229	ug/l #	51
25) 2-Butanone	4.67	43	3952	0.876	ug/l #	87
28) Bromochloromethane	5.00	49	1557	0.374	ug/l #	21
31) Cyclohexane	5.65	56	11122	1.204	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	36189	4.678	ug/l #	51
38) Carbon Tetrachloride	5.65	117	45864	6.443	ug/l #	17
49) 1,4-Dioxane	7.73	88	412	2.991	ug/l #	67
51) 4-Methyl-2-Pentanone	8.64	43	2472	0.299	ug/l #	76
76) 1,2,3-Trichloropropane	11.13	75	162974	22.834	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	162974	60.369	ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	2044	Below Cal	#	1
95) Naphthalene	13.83	128	5500	0.214	ug/l #	89

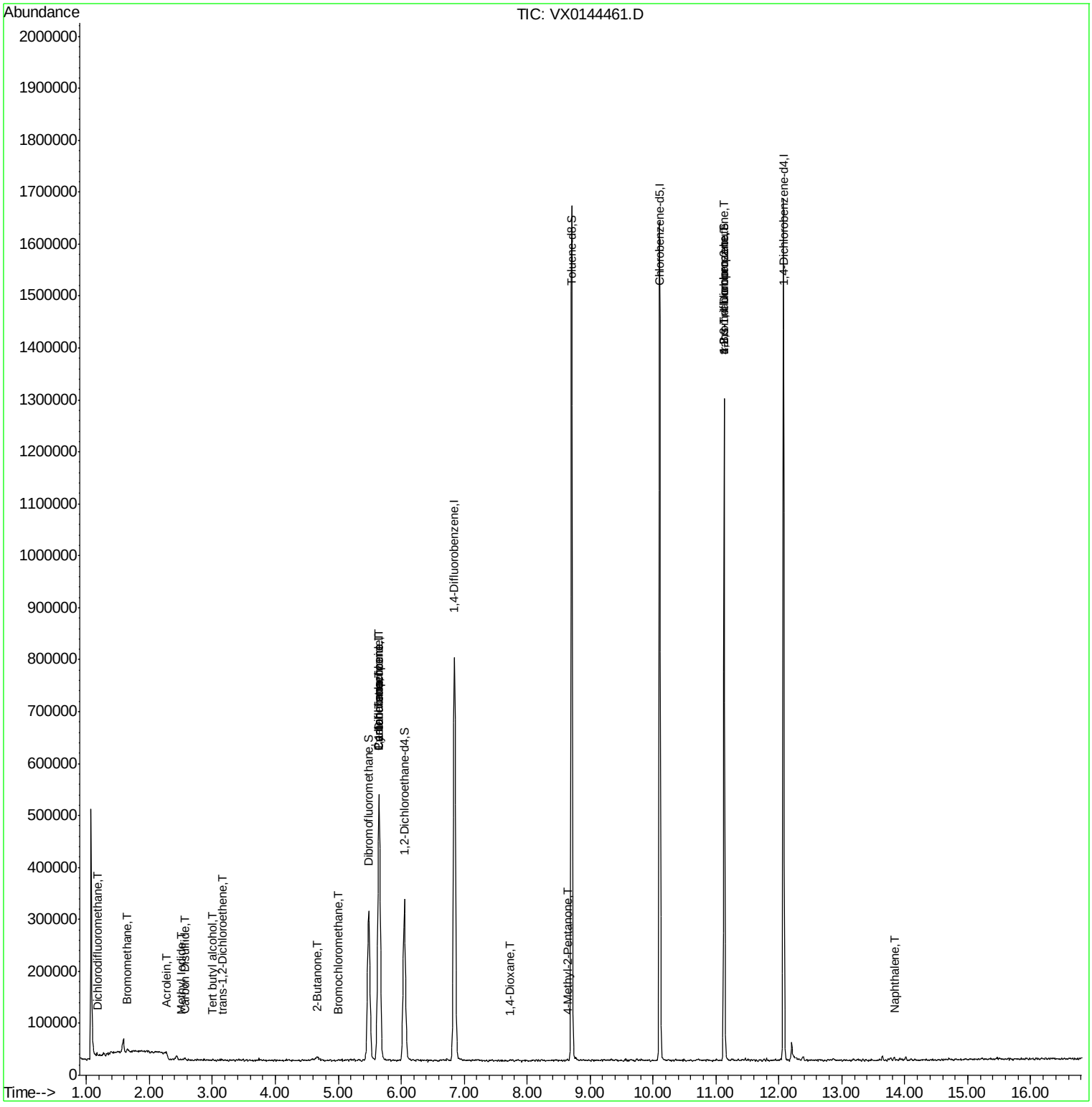
(#) = qualifier out of range (m) = manual integration (+) = signals summed

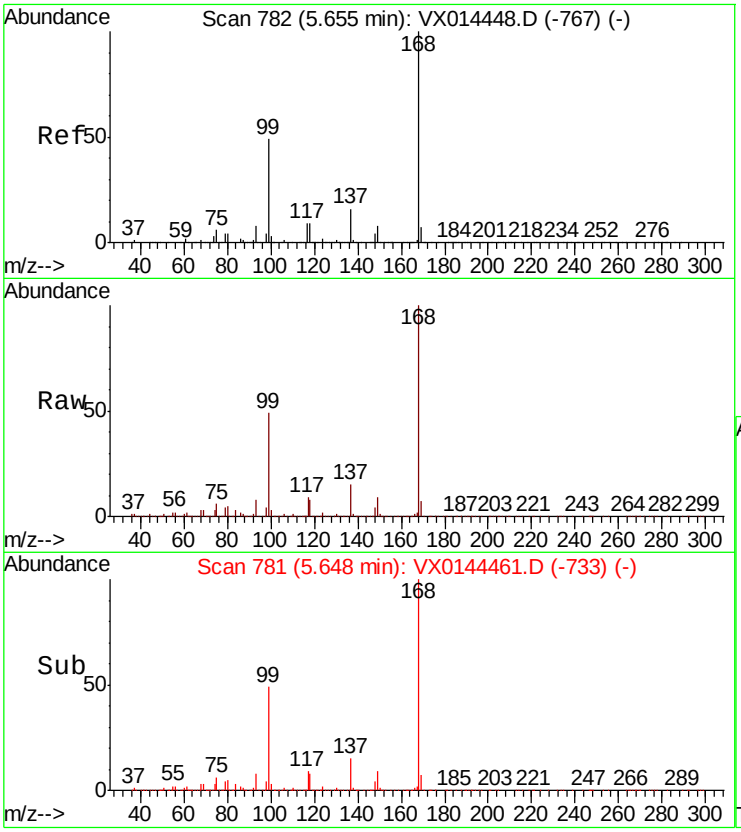
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010820\
Data File : VX0144461.D
Acq On : 08 Jan 2020 11:03
Operator : JC/SP
Sample : VX0108WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 08 11:52:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



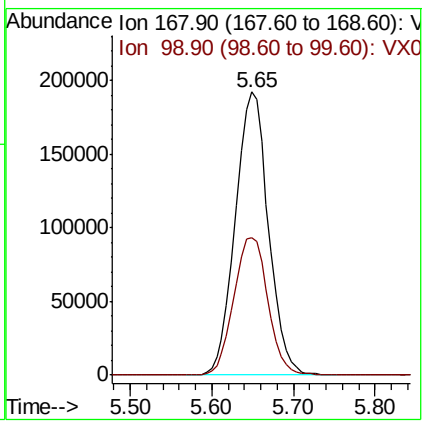


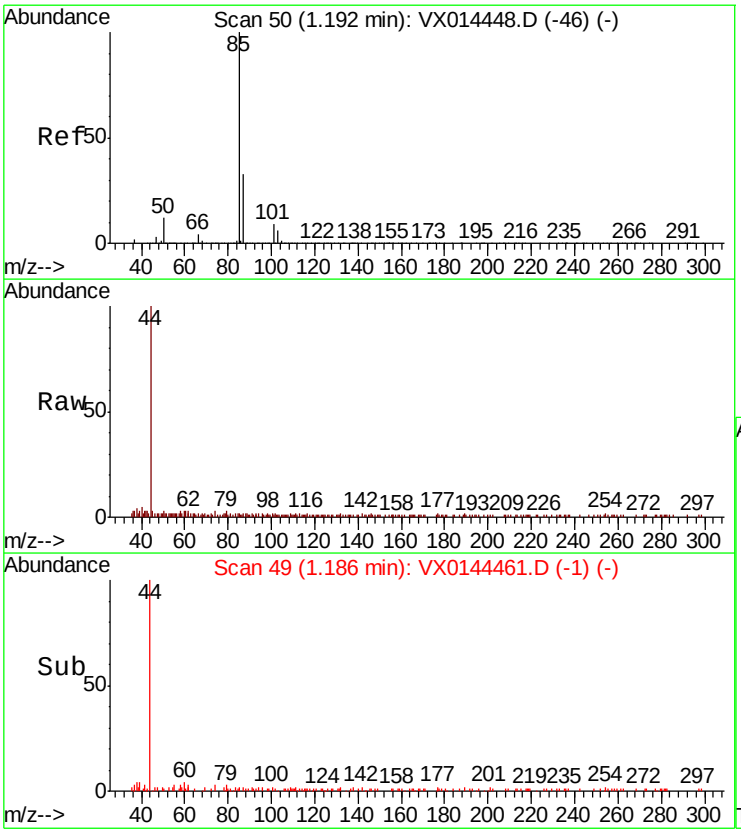
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 541313

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.2	58.8

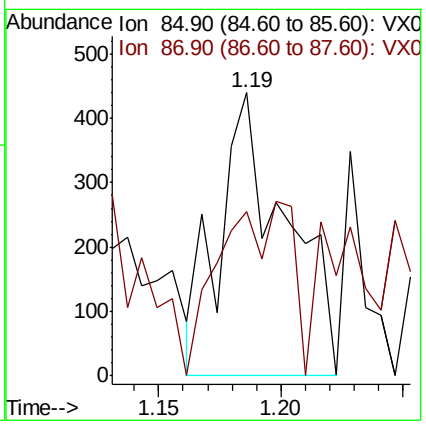


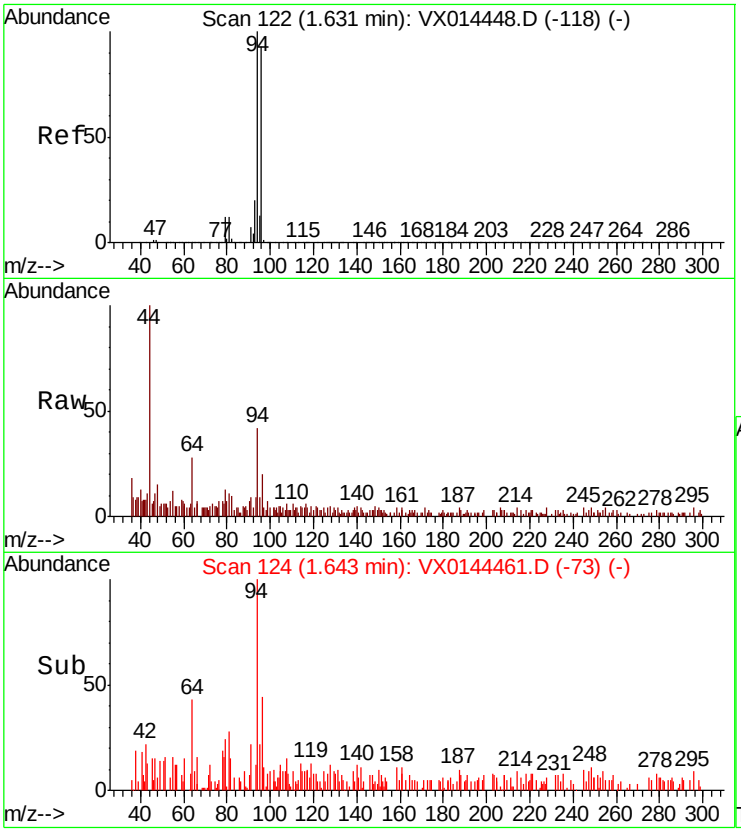


#2
Dichlorodifluoromethane
Concen: 0.376 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 85 Resp: 835

Ion	Ratio	Lower	Upper
85	100		
87	58.1	16.5	49.5#



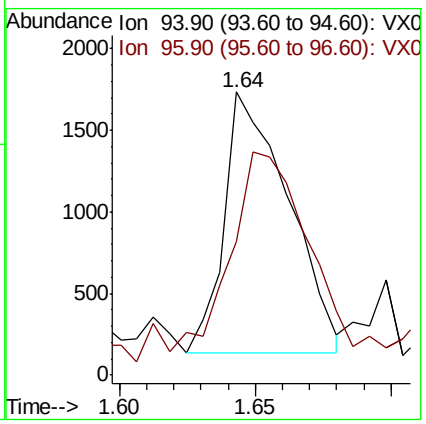


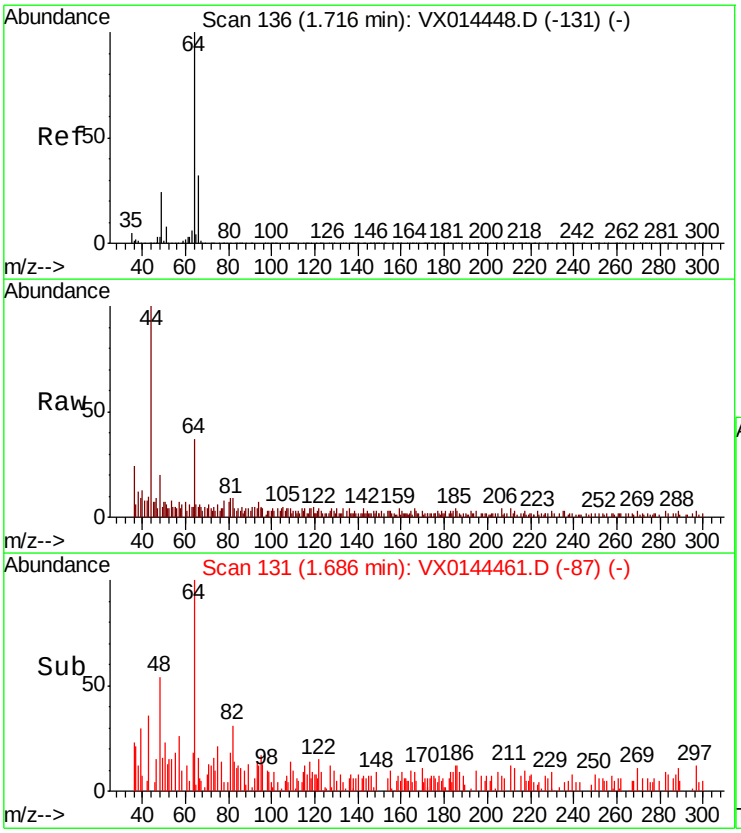
#5
Bromomethane
Concen: 0.515 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 2624

Ion	Ratio	Lower	Upper
94	100		
96	29.2	74.2	111.2#

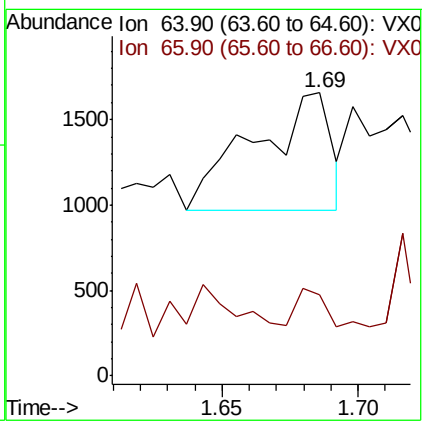


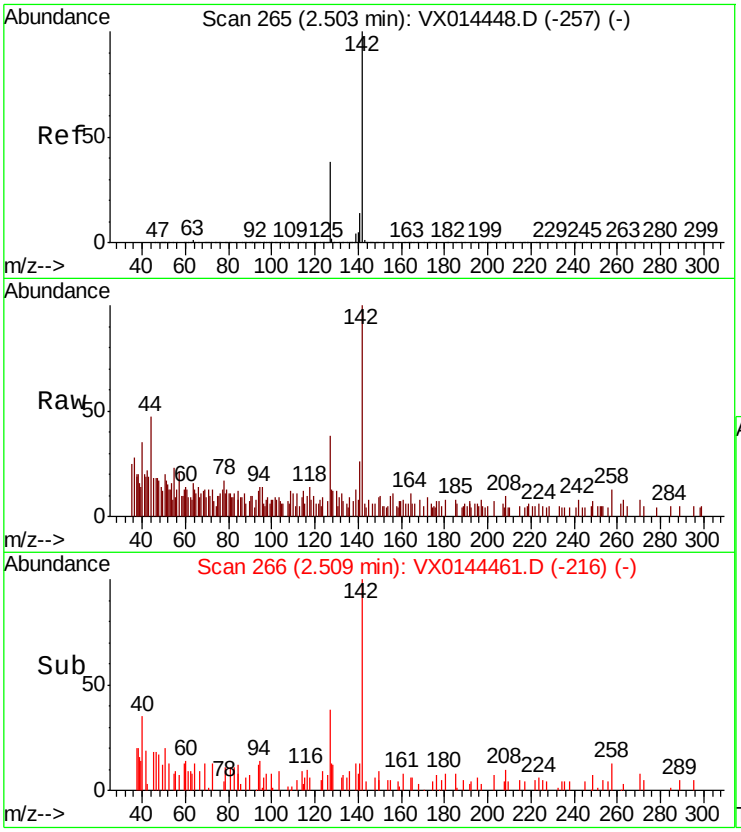


#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 131
Delta R.T. -0.03 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 64 Resp: 1344

Ion	Ratio	Lower	Upper
64	100		
66	28.2	25.3	37.9



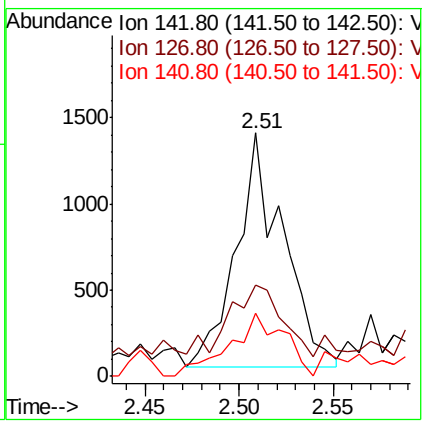


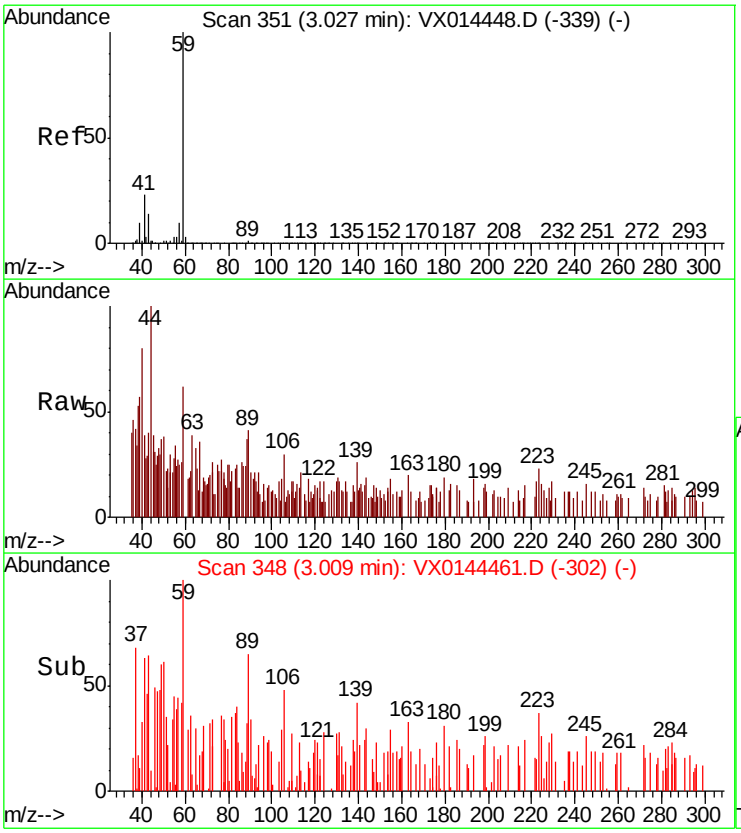
#10
Methyl Iodide
Concen: 0.368 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2339

Ion	Ratio	Lower	Upper
142	100		
127	40.2	31.2	46.8
141	31.5	11.4	17.2#

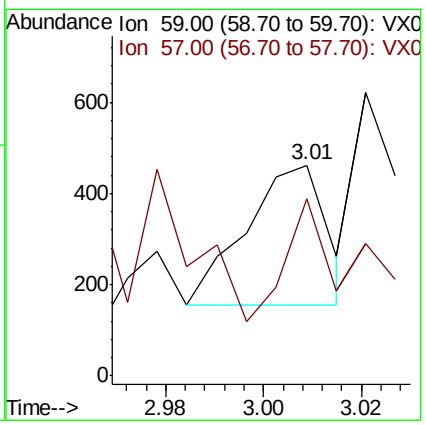


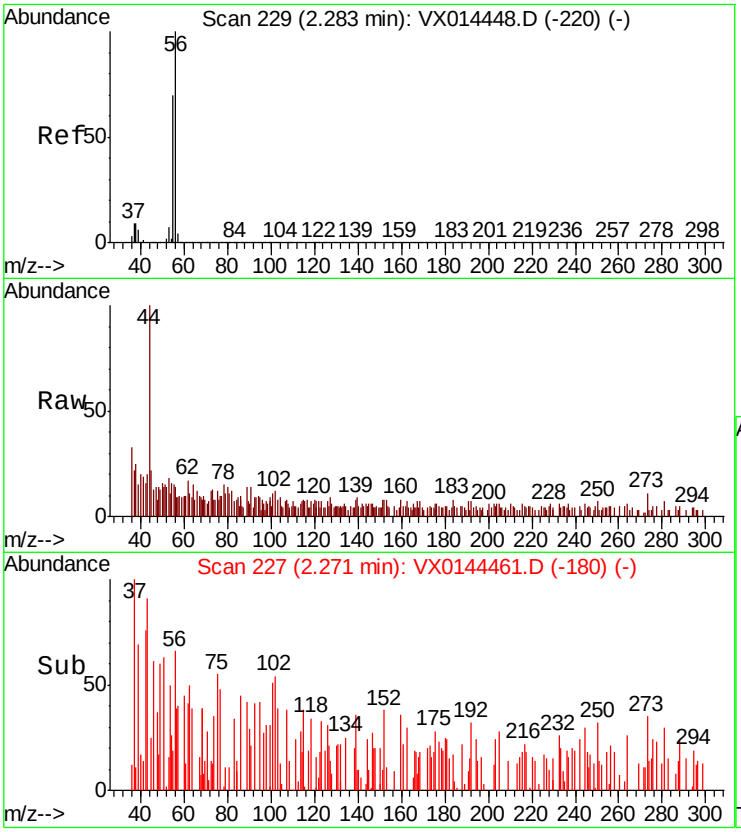


#11
Tert butyl alcohol
Concen: 0.277 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 59 Resp: 350

Ion	Ratio	Lower	Upper
59	100		
57	42.9	8.5	12.7#



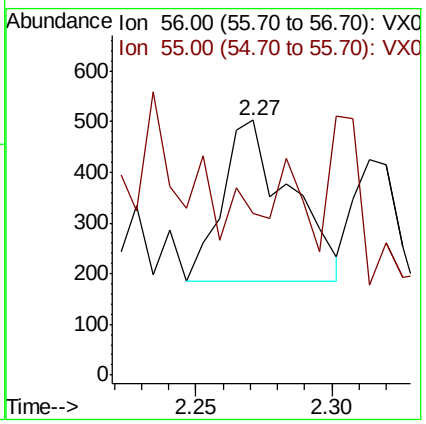


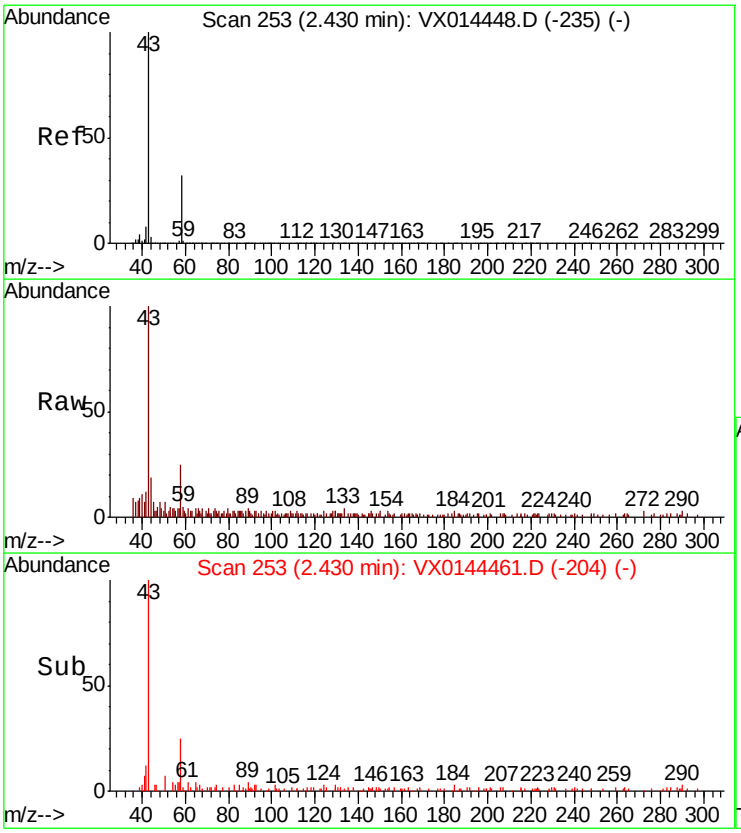
#13
Acrolein
Concen: 0.544 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 550

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.0	82.6#

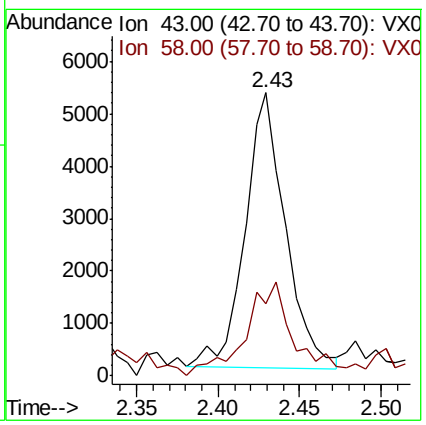


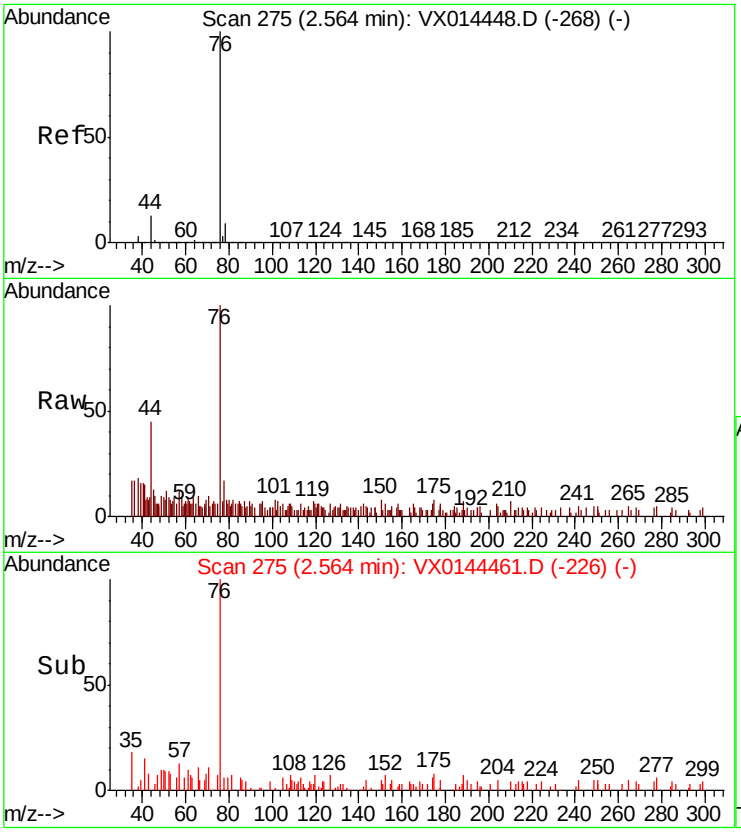


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 43 Resp: 9041

Ion	Ratio	Lower	Upper
43	100		
58	26.3	25.4	38.0



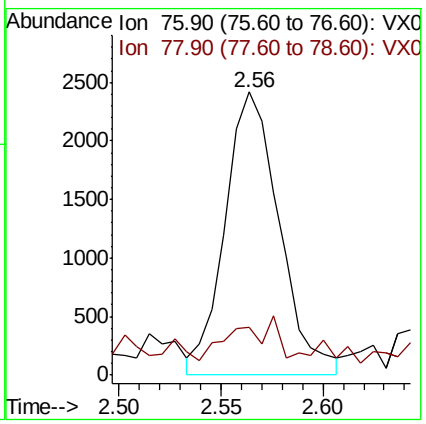


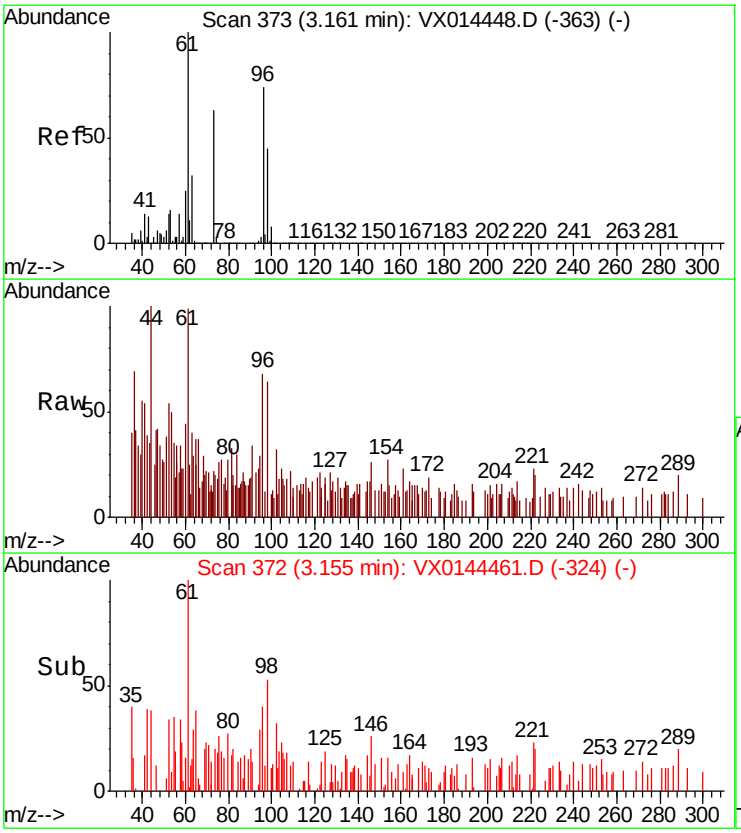
#17
Carbon Disulfide
Concen: 0.300 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4475

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.4	11.2#

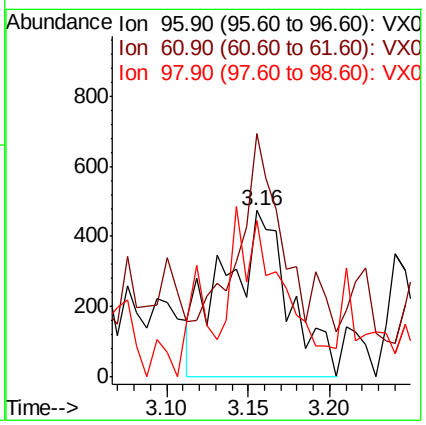


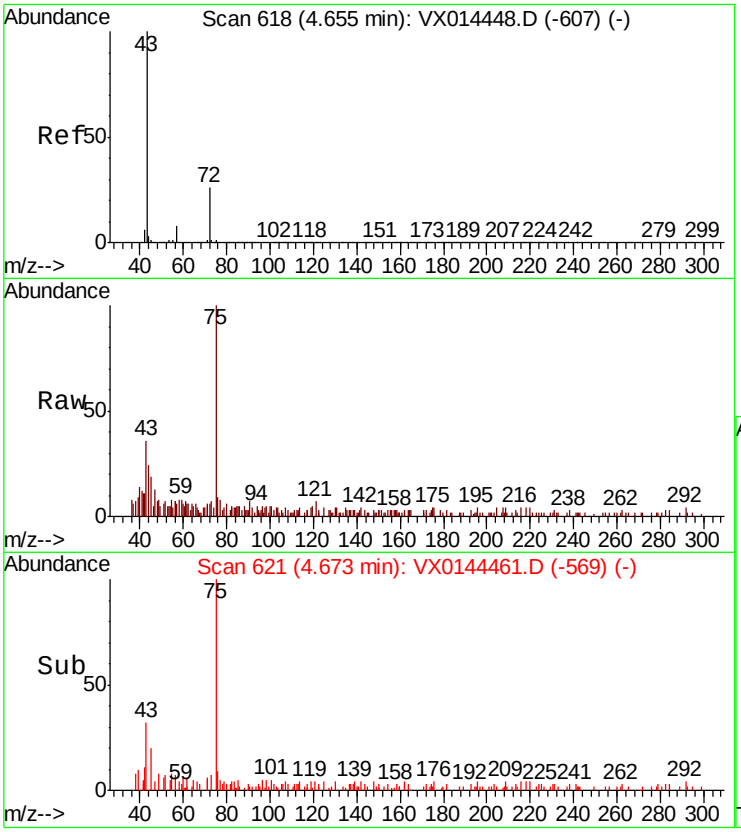


#21
trans-1,2-Dichloroethene
Concen: 0.229 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 96 Resp: 1335

Ion	Ratio	Lower	Upper
96	100		
61	180.5	108.2	162.4#
98	116.6	48.8	73.2#



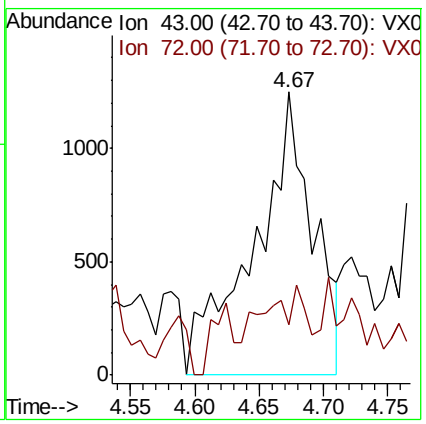


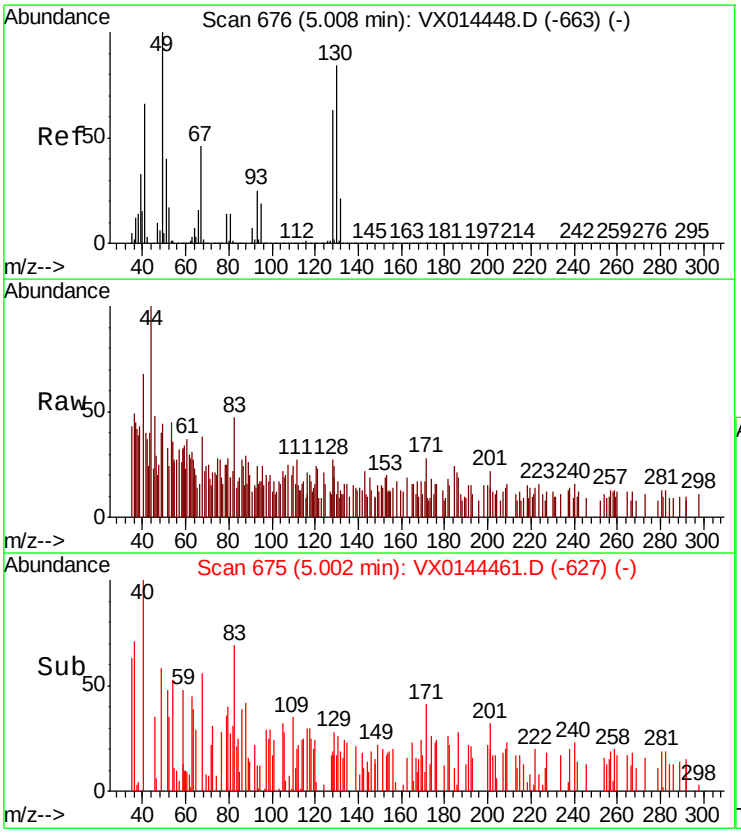
#25
2-Butanone
Concen: 0.876 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3952

Ion	Ratio	Lower	Upper
43	100		
72	19.3	20.6	31.0#

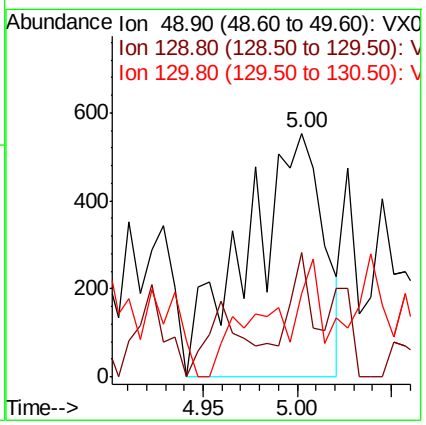


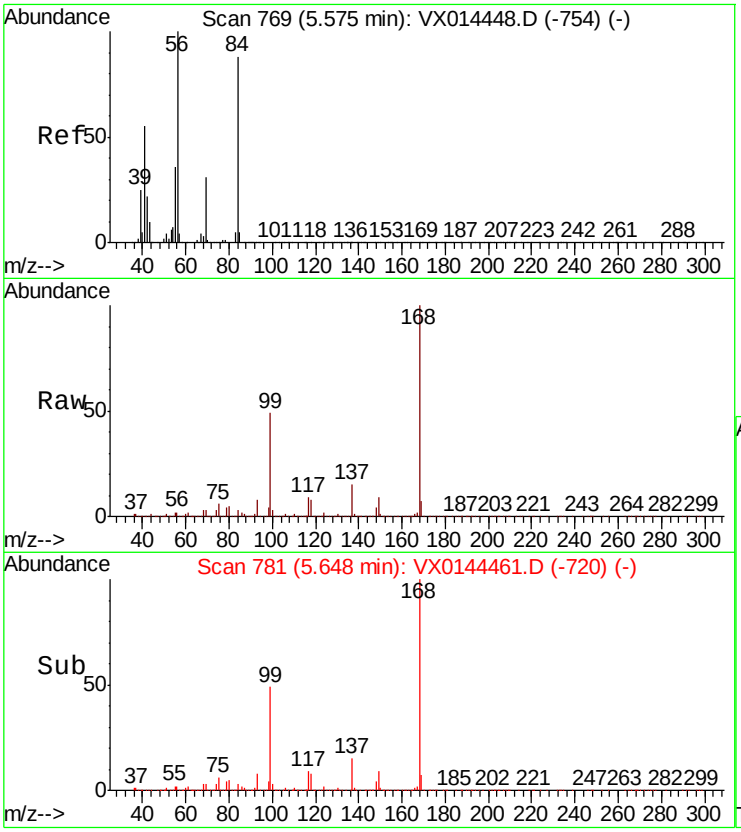


#28
Bromochloromethane
Concen: 0.374 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 49 Resp: 1557

Ion	Ratio	Lower	Upper
49	100		
129	9.1	0.0	4.4#
130	11.0	67.0	100.4#



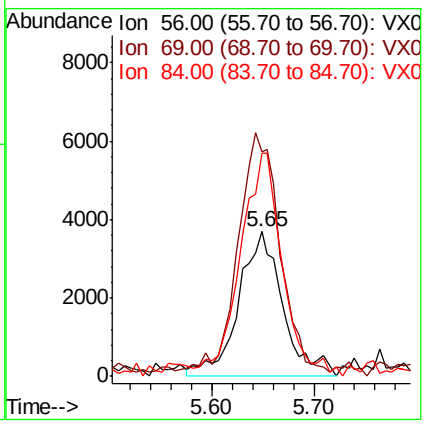


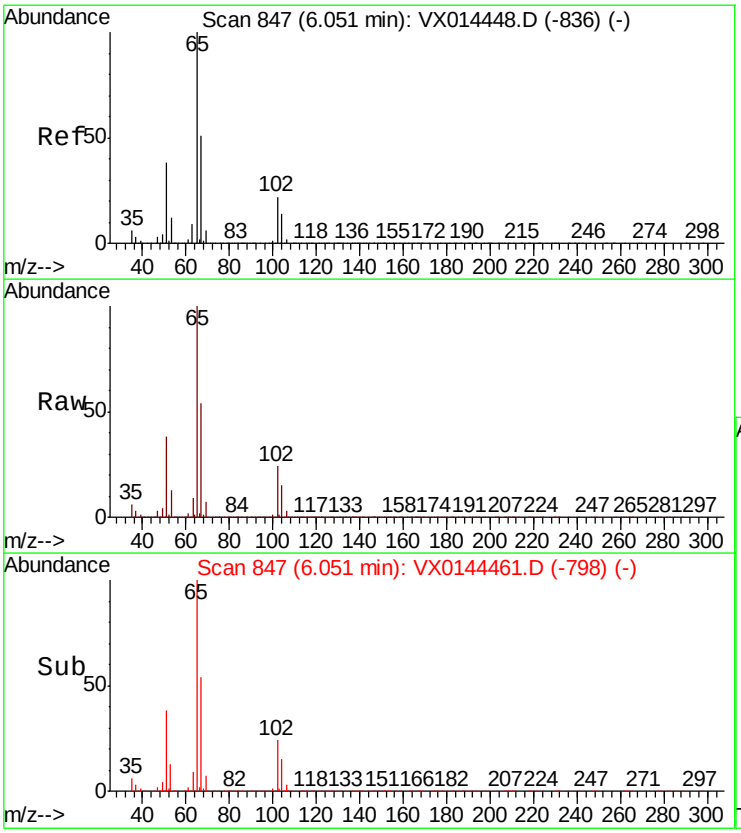
#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.07 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 11122

Ion	Ratio	Lower	Upper
56	100		
69	149.6	24.4	36.6#
84	146.8	70.6	106.0#

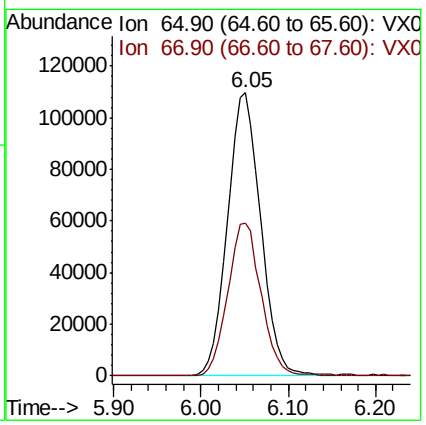


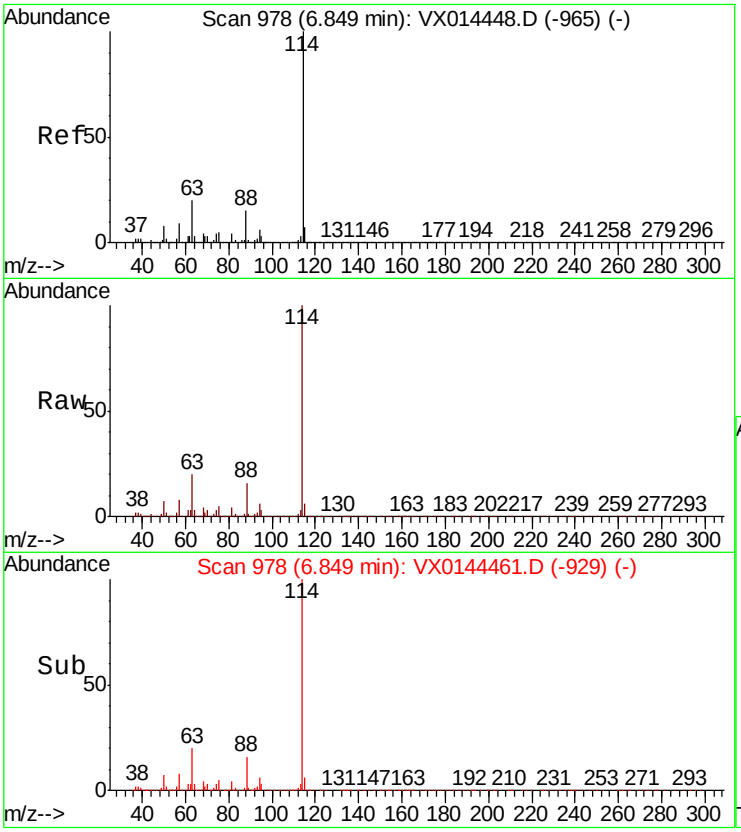


#33
1,2-Dichloroethane-d4
Concen: 47.685 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 65 Resp: 288154

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.2



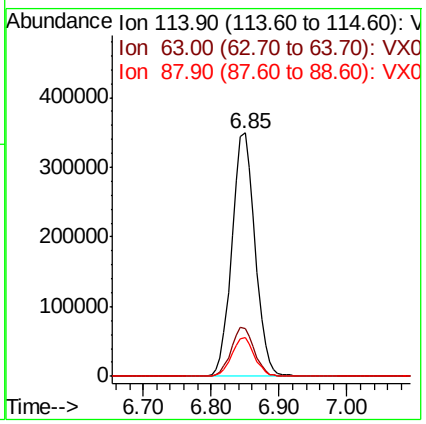


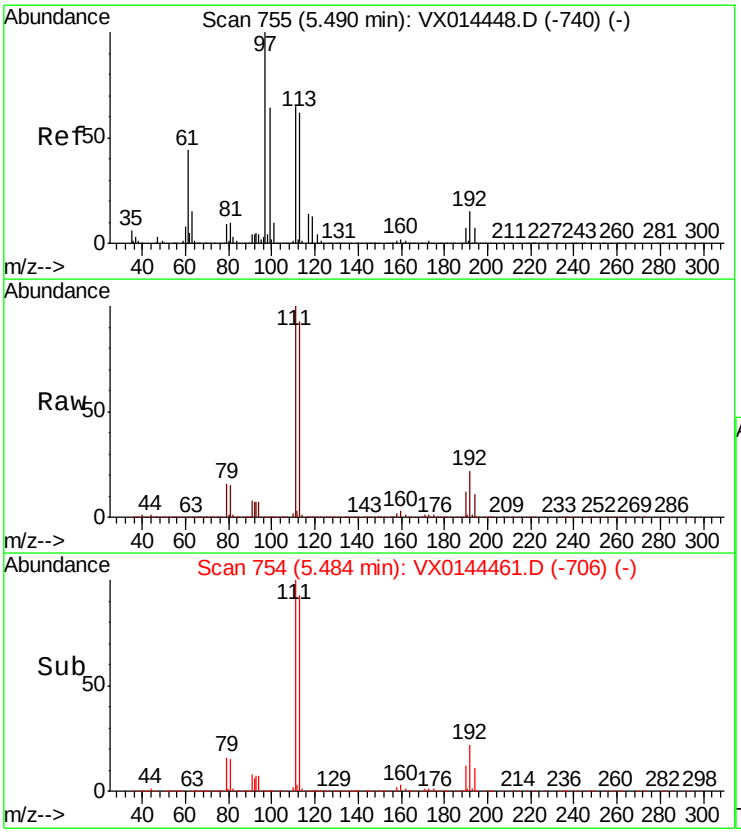
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 822577

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.0	0.0	30.8

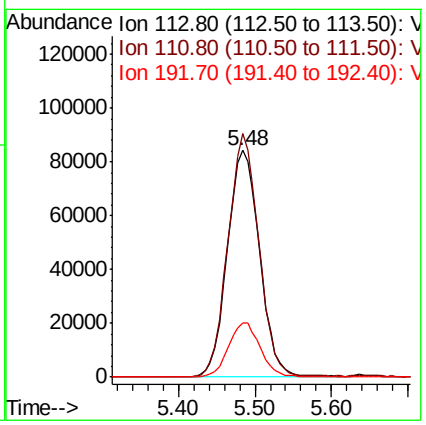


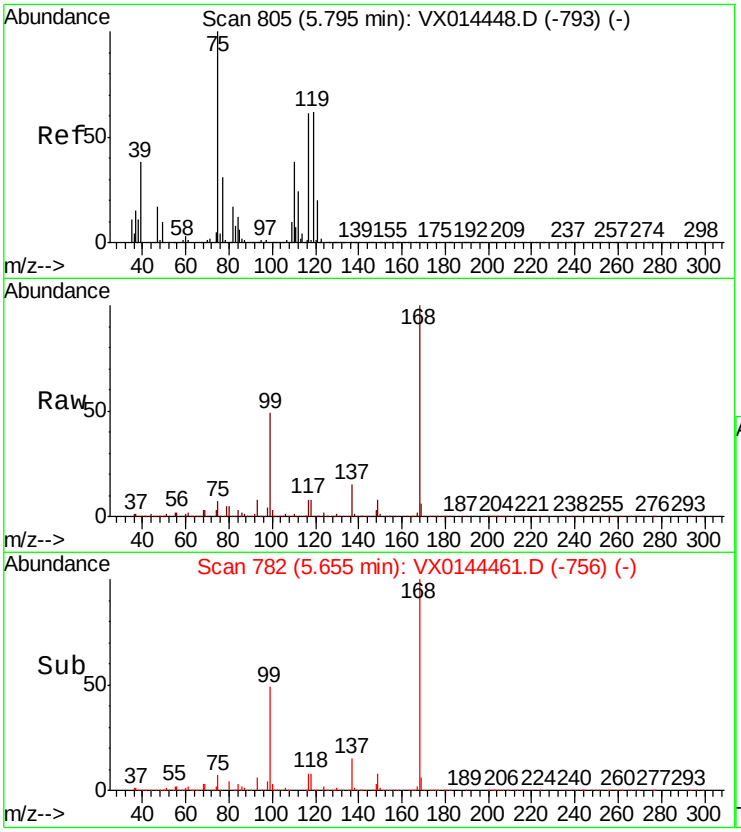


#35
Dibromofluoromethane
Concen: 49.138 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion:113 Resp: 244681

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	23.5	19.2	28.8



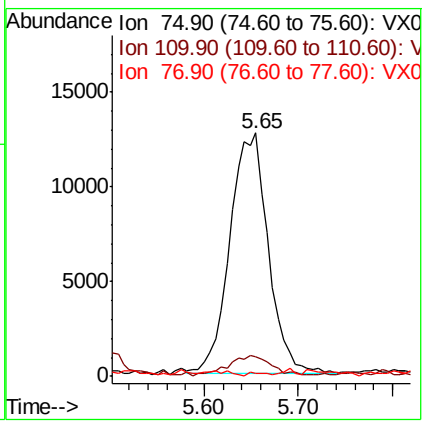


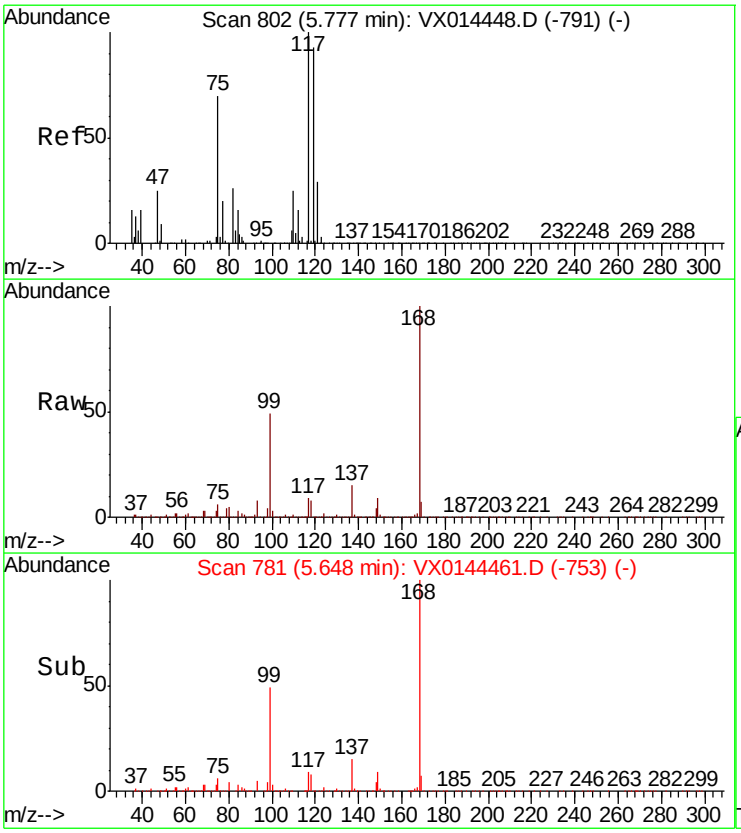
#36
1,1-Dichloropropene
Concen: 4.678 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36189

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.6	55.8#
77	0.8	24.5	36.7#

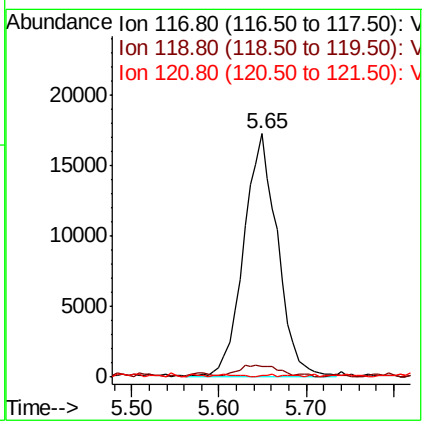


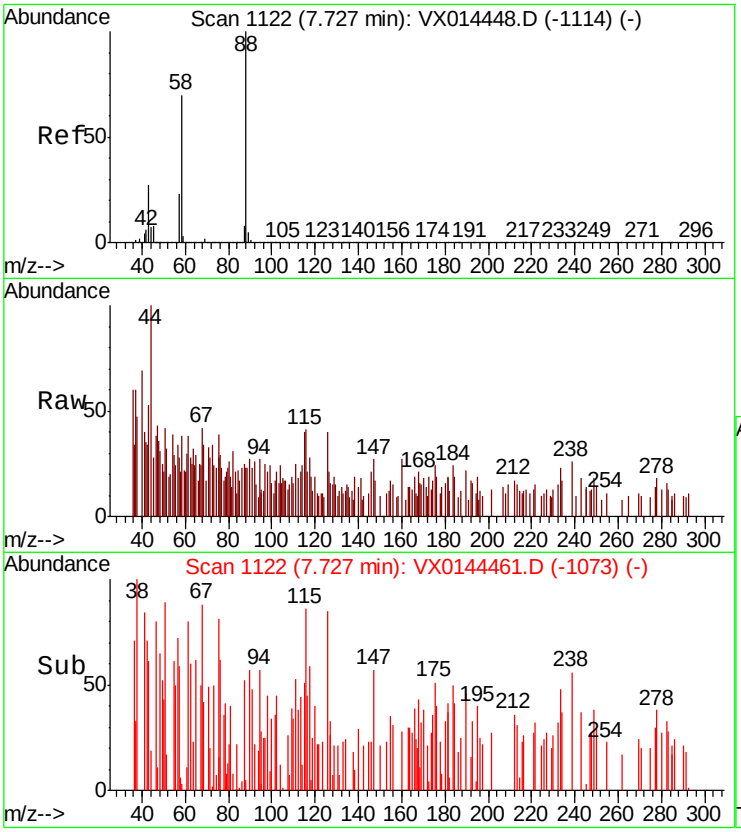


#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion:117 Resp: 45864

Ion	Ratio	Lower	Upper
117	100		
119	3.4	73.8	110.8#
121	0.7	23.4	35.0#



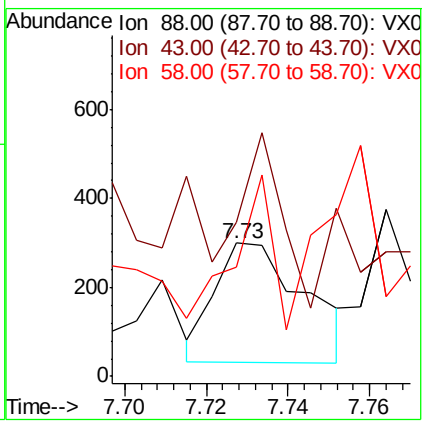


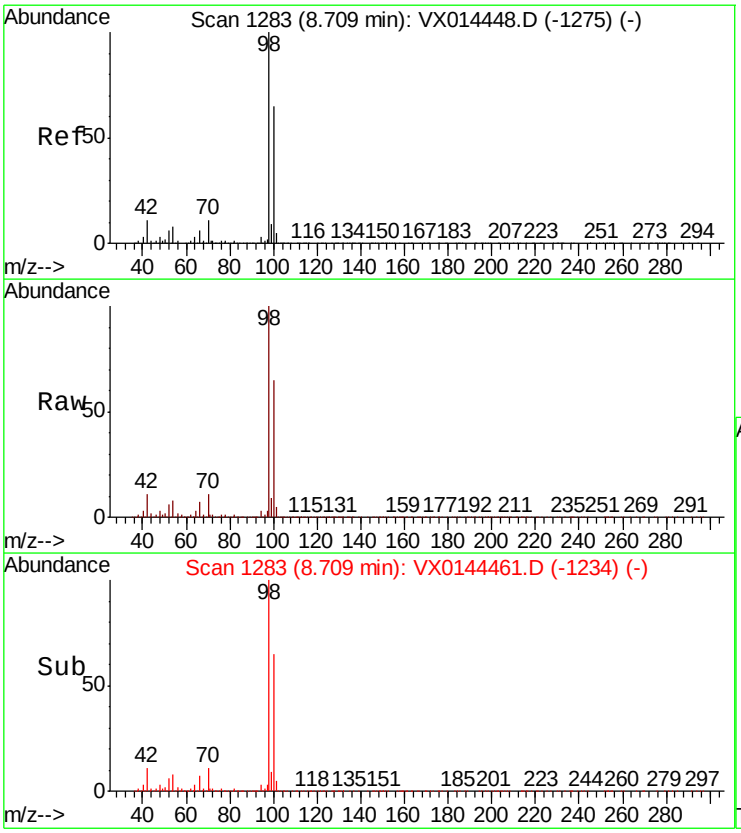
#49
1,4-Dioxane
Concen: 2.991 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 412

Ion	Ratio	Lower	Upper
88	100		
43	67.2	27.4	41.0#
58	54.1	57.1	85.7#

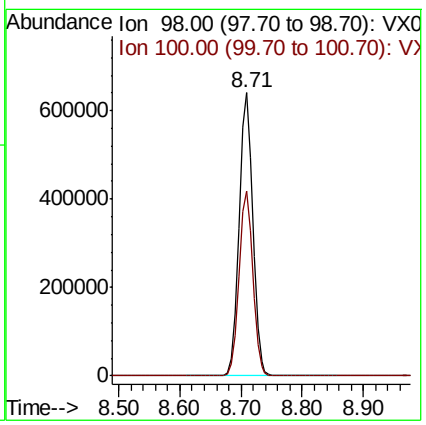


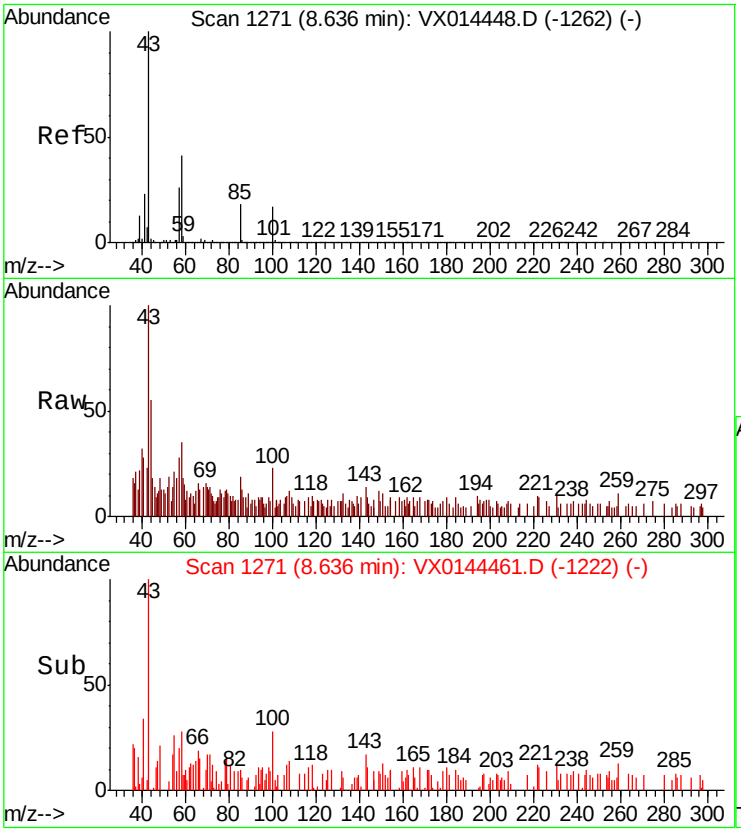


#50
Toluene-d8
Concen: 50.386 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 98 Resp: 973629

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8



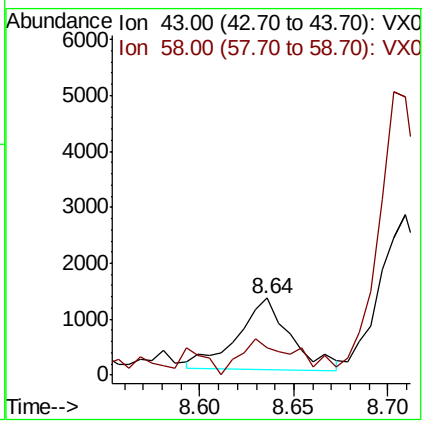


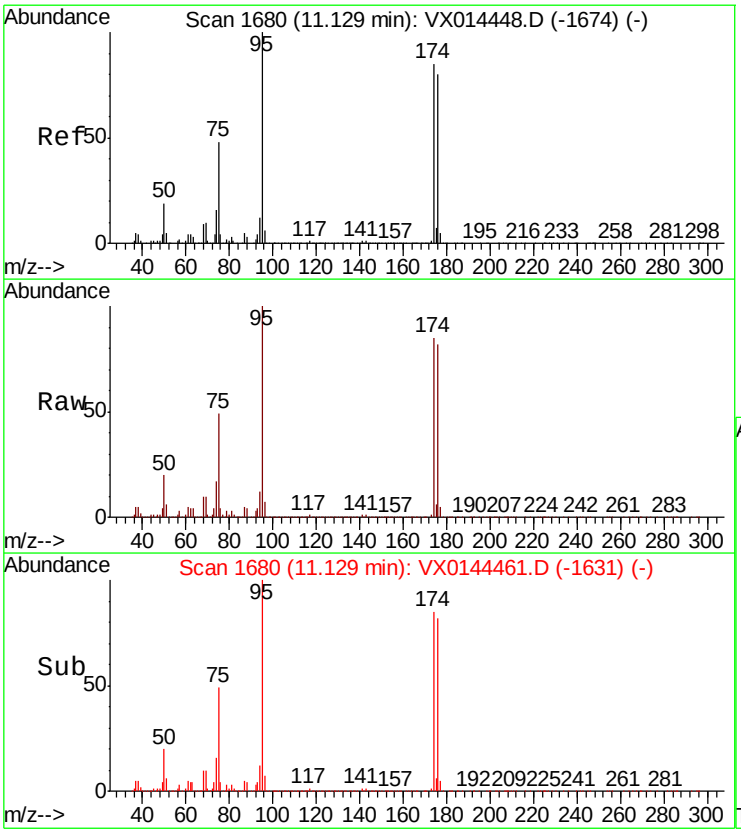
#51
4-Methyl-2-Pentanone
Concen: 0.299 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2472

Ion	Ratio	Lower	Upper
43	100		
58	55.2	32.4	48.6#

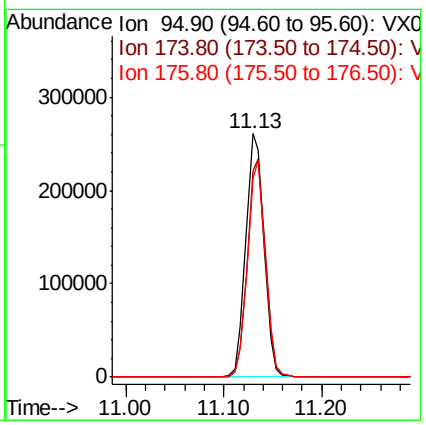


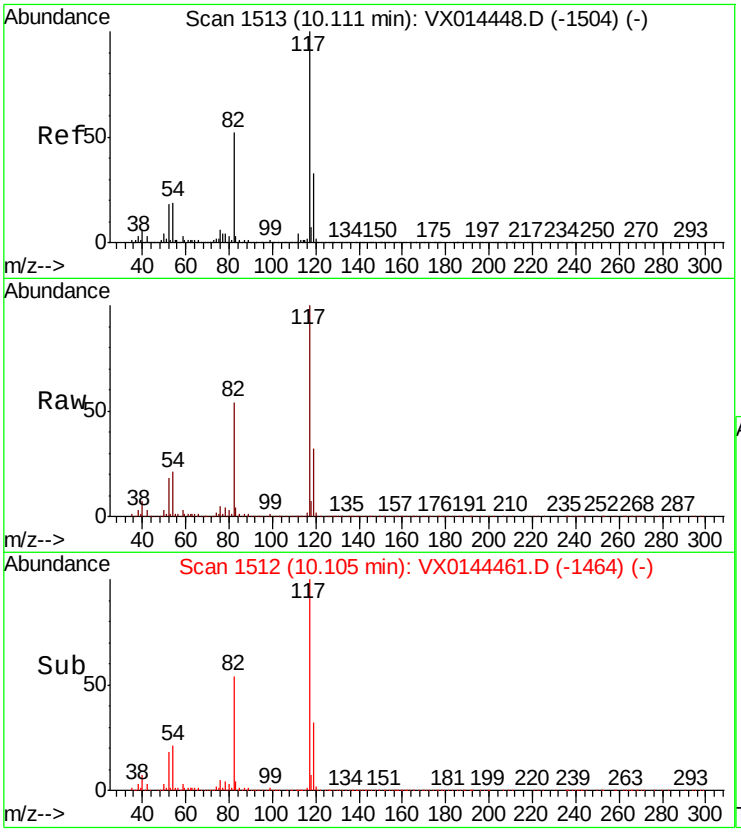


#62
4-Bromofluorobenzene
Concen: 47.618 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 95 Resp: 337793

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	180.8
176	86.8	0.0	172.8



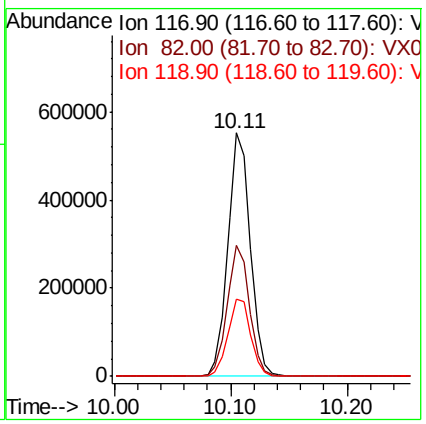


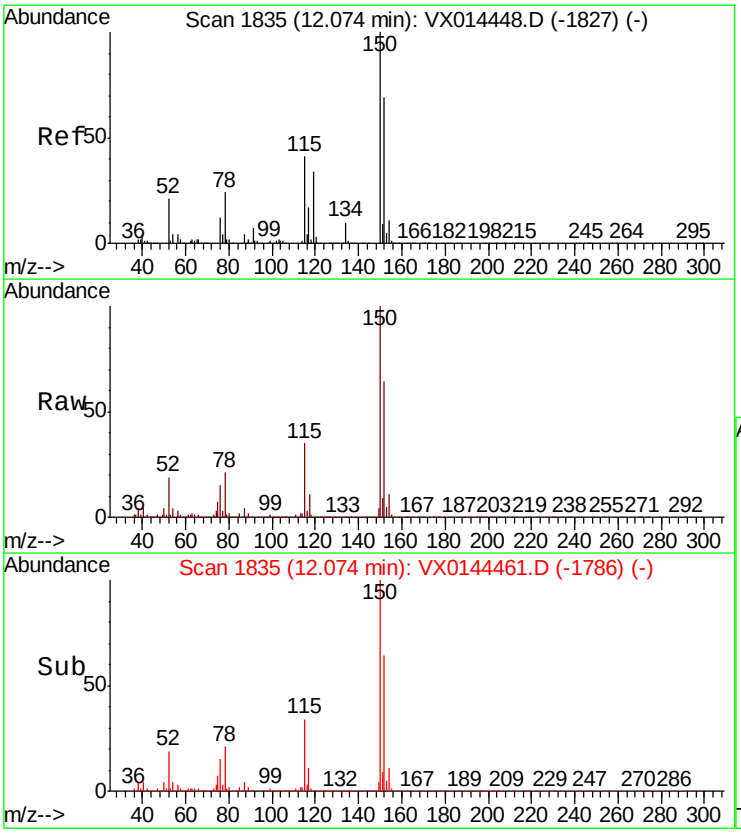
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 740675

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.6
119	31.9	26.2	39.4

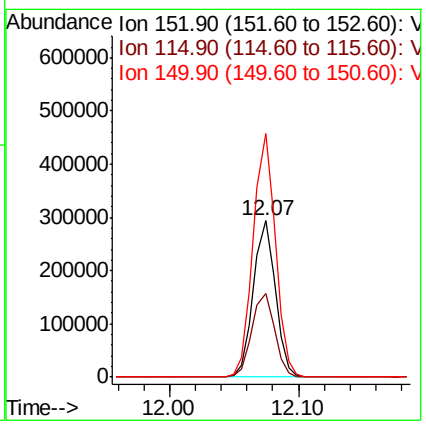


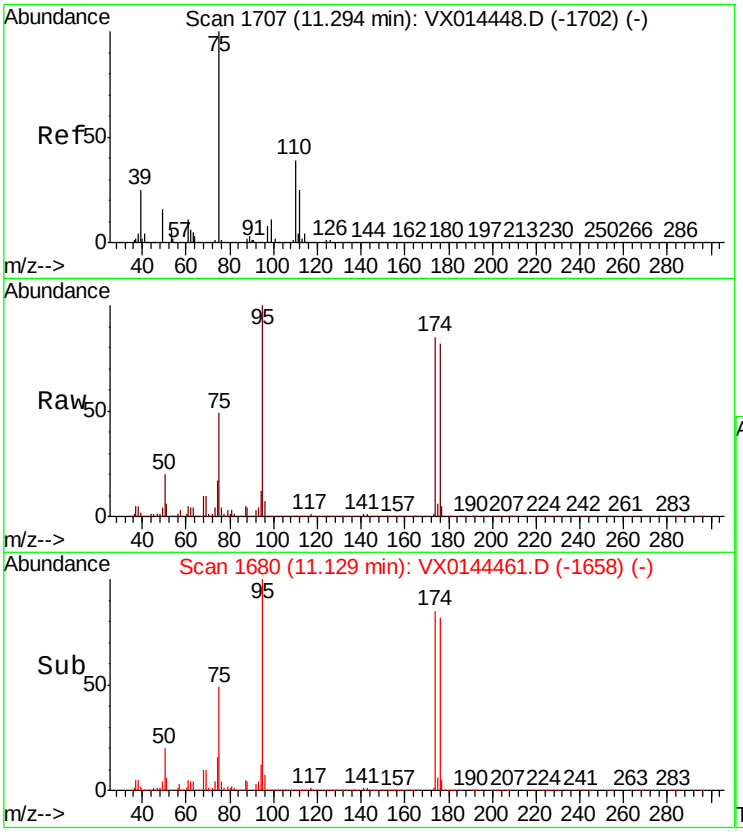


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion:152 Resp: 344959

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.5	118.3
150	156.7	0.0	350.2



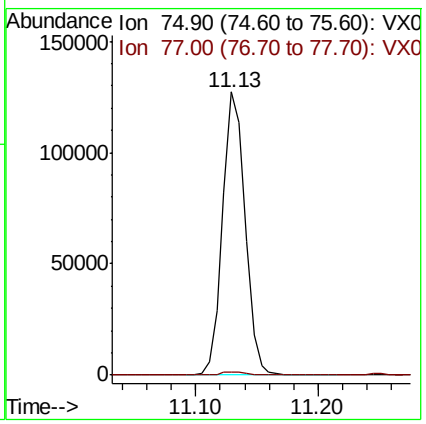


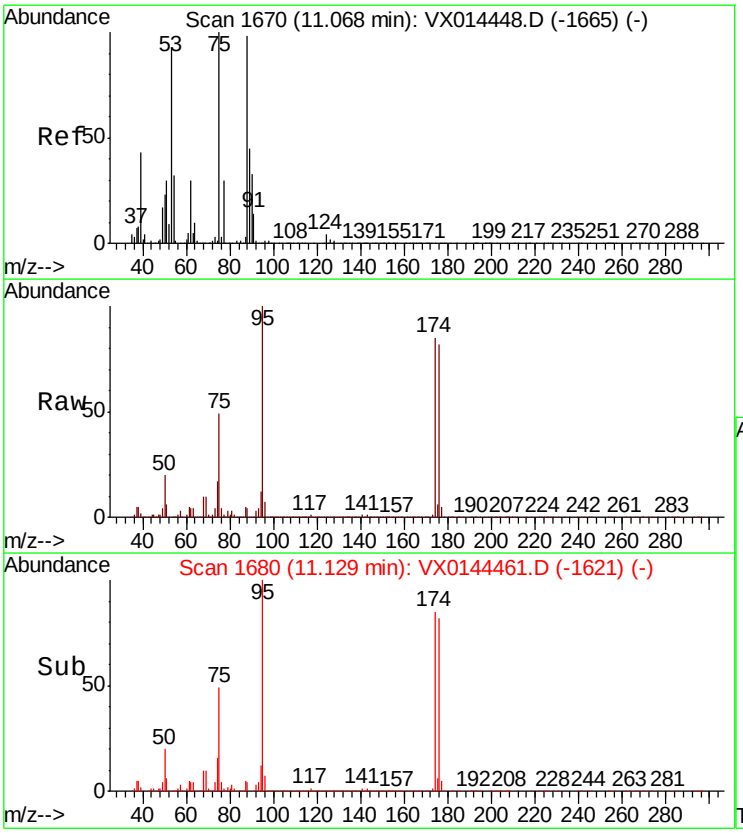
#76
1,2,3-Trichloropropane
Concen: 22.834 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 162974

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.9	65.7#

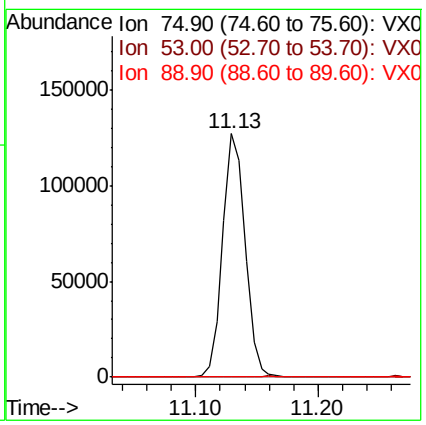


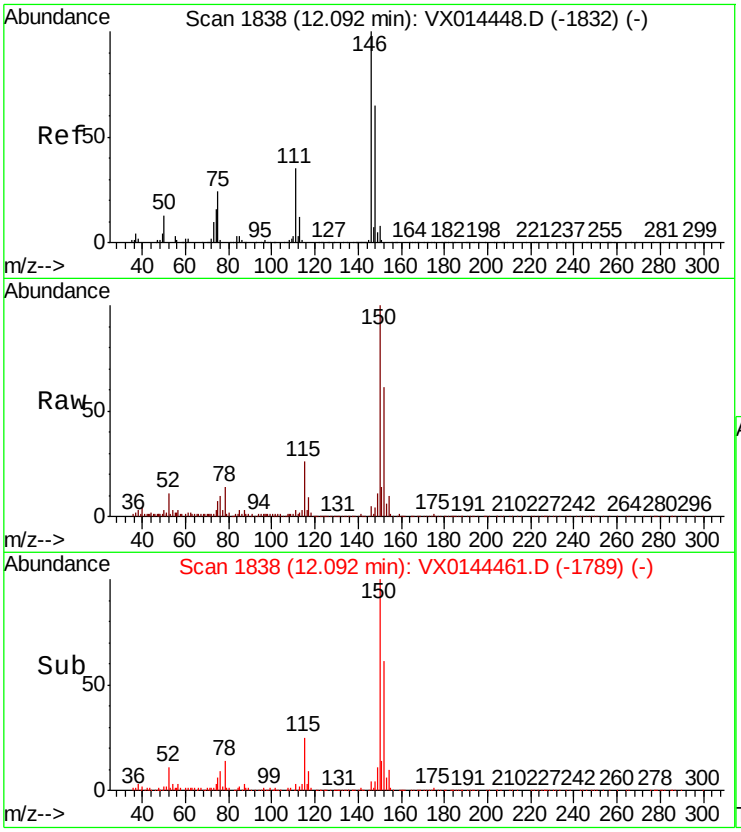


#81
trans-1,4-Dichloro-2-butene
Concen: 60.369 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion: 75 Resp: 162974

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.8	112.2#
89	0.0	36.3	54.5#



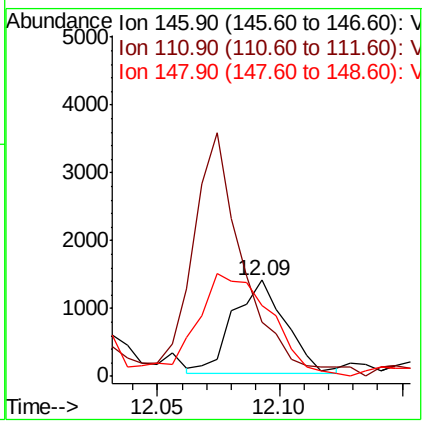


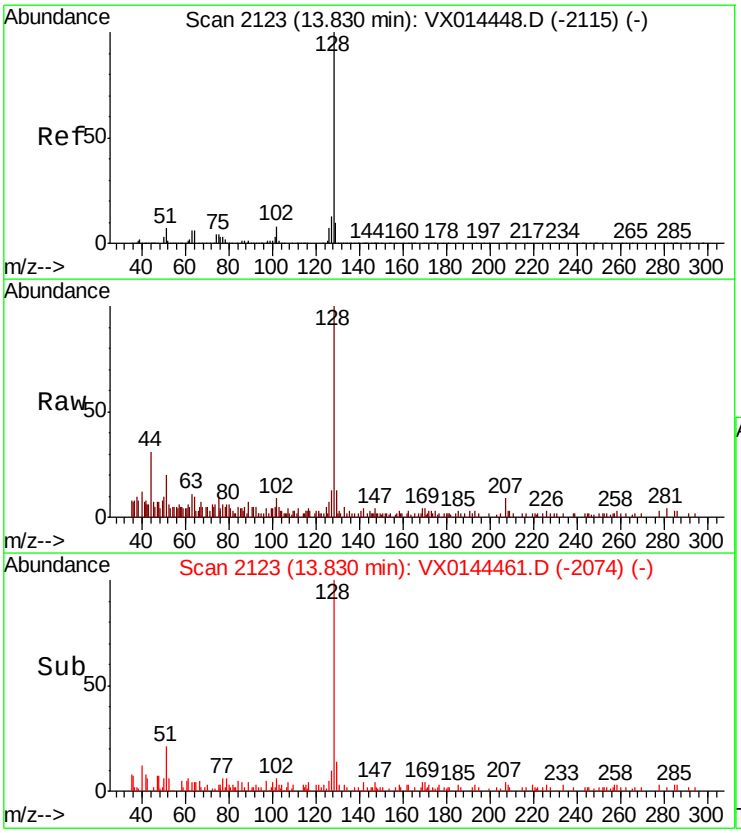
#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2044

Ion	Ratio	Lower	Upper
146	100		
111	255.3	18.1	54.1#
148	156.5	32.1	96.3#





#95
Naphthalene
Concen: 0.214 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0144461.D
Acq: 08 Jan 2020 11:03

Tgt Ion:128 Resp: 5500

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	18.3	8.7	13.1#