Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021920\
Data File : VX014964.D
Acq On : 19 Feb 2020 13:30
Operator : JC/SP
Sample : L1577-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 20 00:23:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	690197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	250797	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.42%			
35) Dibromofluoromethane	5.49	113	212055	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
50) Toluene-d8	8.71	98	829280	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
62) 4-Bromofluorobenzene	11.13	95	313413	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.44%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1057	0.222	ug/l #	54
4) Vinyl Chloride	1.40	62	1170	0.229	ug/l #	44
5) Bromomethane	1.66	94	1677	0.506	ug/l	96
10) Methyl Iodide	2.52	142	1229	4.611	ug/l #	90
11) Tert butyl alcohol	3.03	59	2265	2.568	ug/l #	90
13) Acrolein	2.27	56	265	0.394	ug/l	85
16) Acetone	2.43	43	13774	Below Cal		90
20) Methylene Chloride	2.85	84	1012	0.211	ug/l #	29
25) 2-Butanone	4.68	43	2224	0.654	ug/l #	53
36) 1,1-Dichloropropene	5.65	75	30198	4.891	ug/l #	51
38) Carbon Tetrachloride	5.65	117	39740	6.605	ug/l #	17
49) 1,4-Dioxane	7.73	88	85	0.870	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	2205	0.344	ug/l	89
67) Ethyl Benzene	10.24	91	261475	11.446	ug/l	97
68) m/p-Xylenes	10.35	106	403246	45.823	ug/l	100
69) o-Xylene	10.70	106	119734	14.154	ug/l	98
70) Styrene	10.69	104	7055	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	155902	25.313	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	155902	64.795	ug/l #	12
95) Naphthalene	13.83	128	12967	0.630	ug/l #	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021920\
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Acq On : 19 Feb 2020 13:30
Operator : JC/SP
Sample : L1577-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

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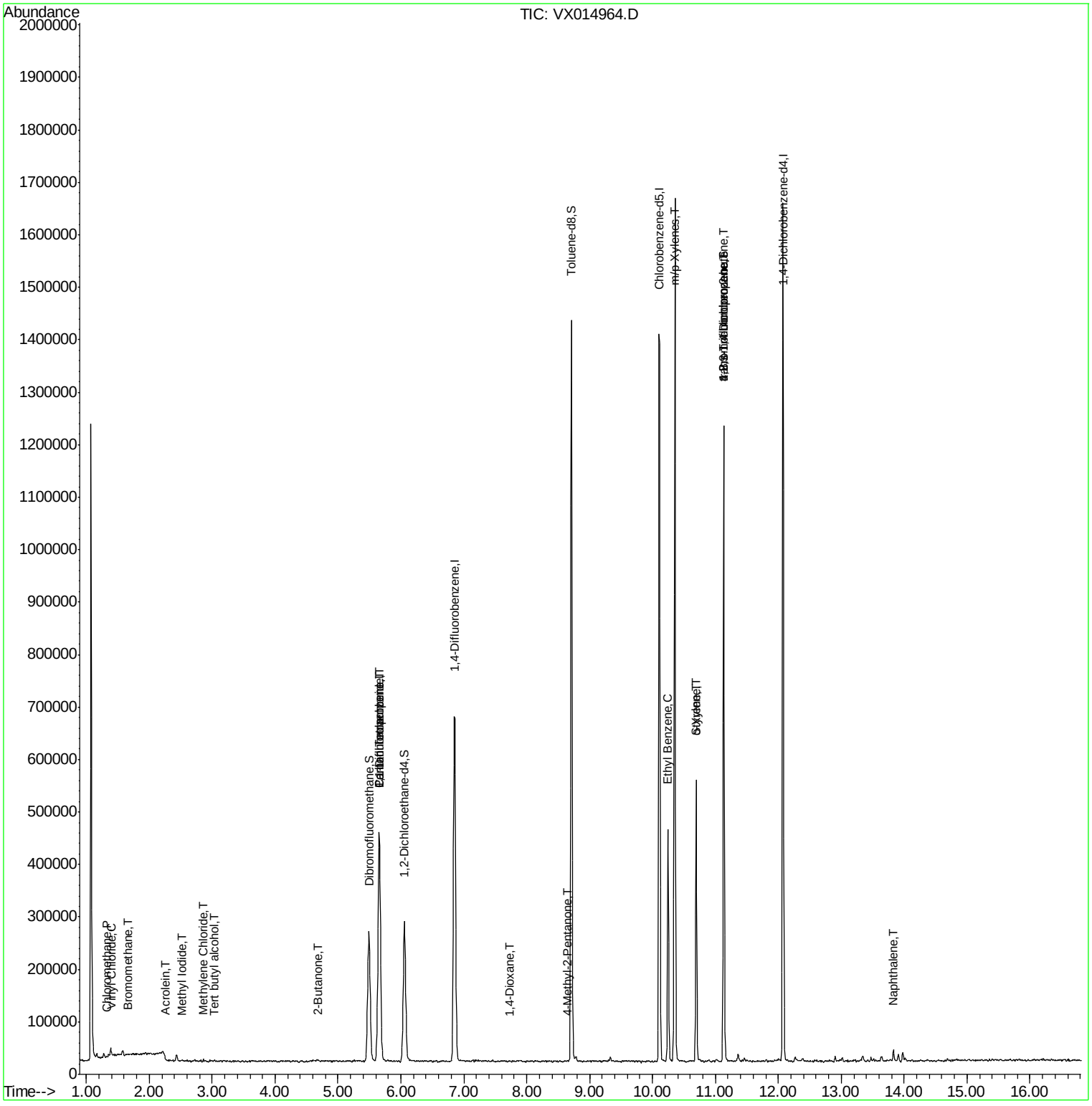
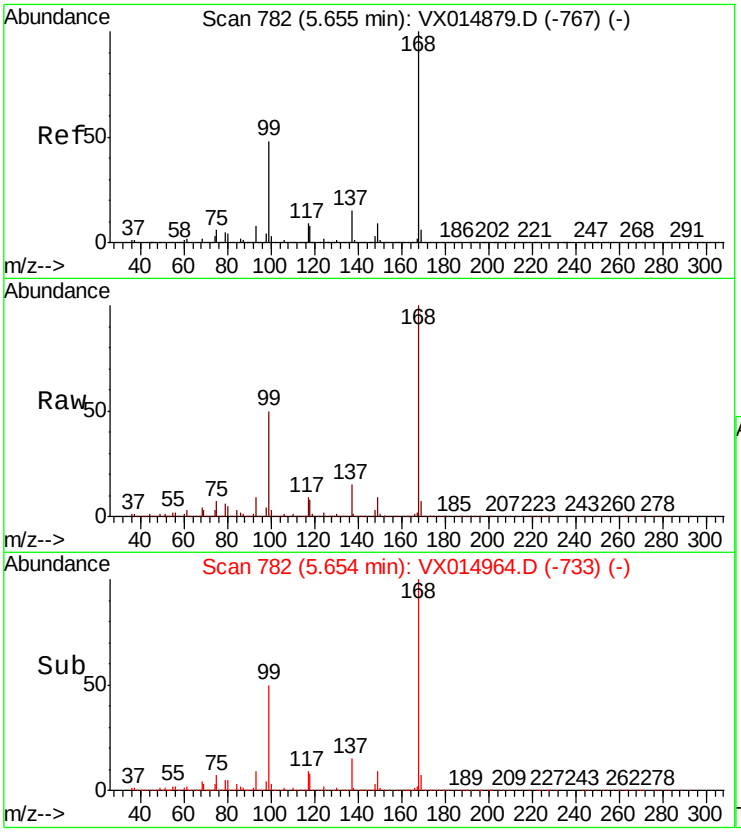
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration



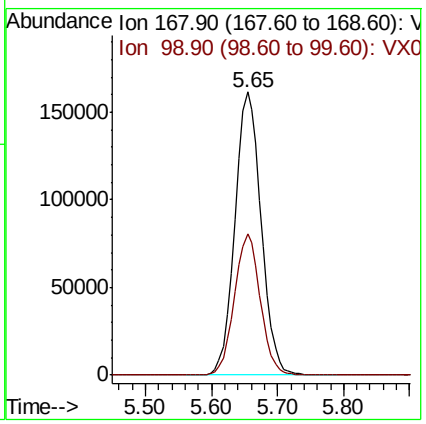


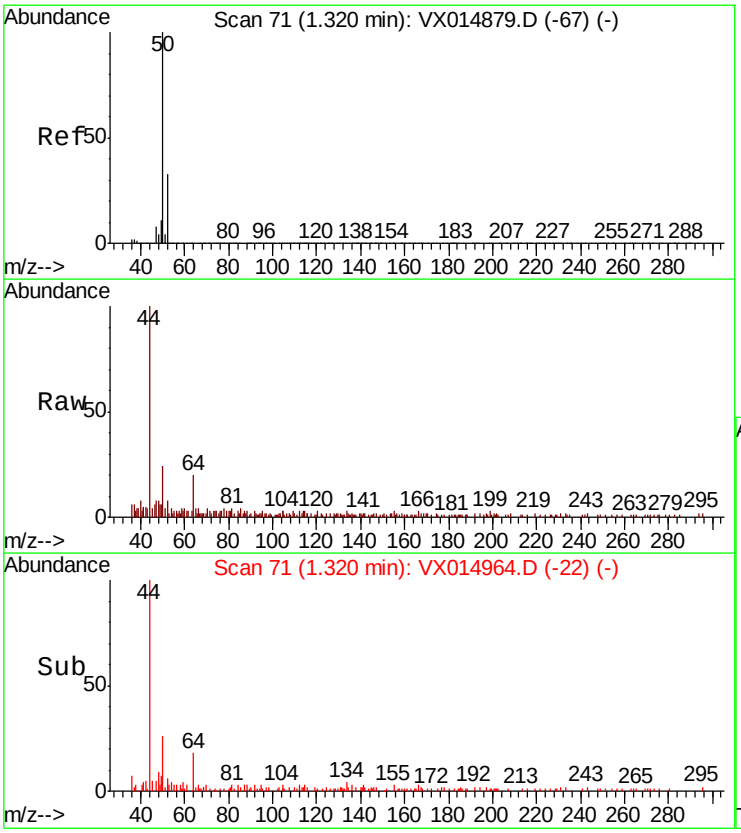
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 442606

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.7	58.1

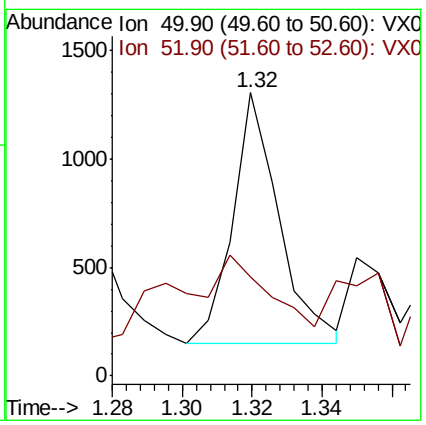


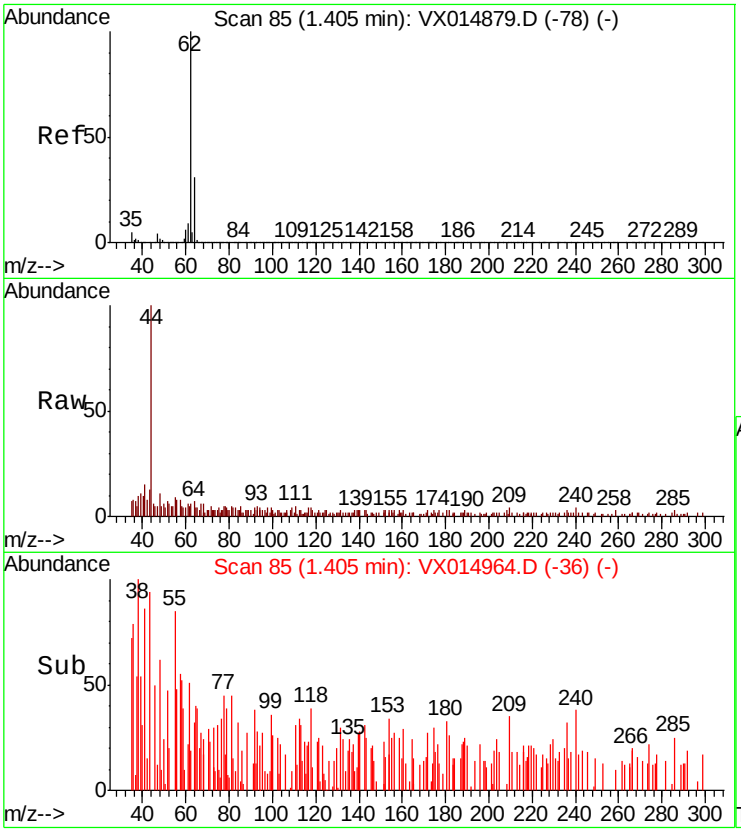


#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 50 Resp: 1057

Ion	Ratio	Lower	Upper
50	100		
52	6.9	26.2	39.2#



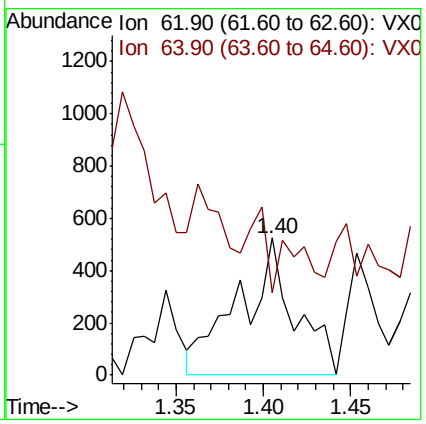


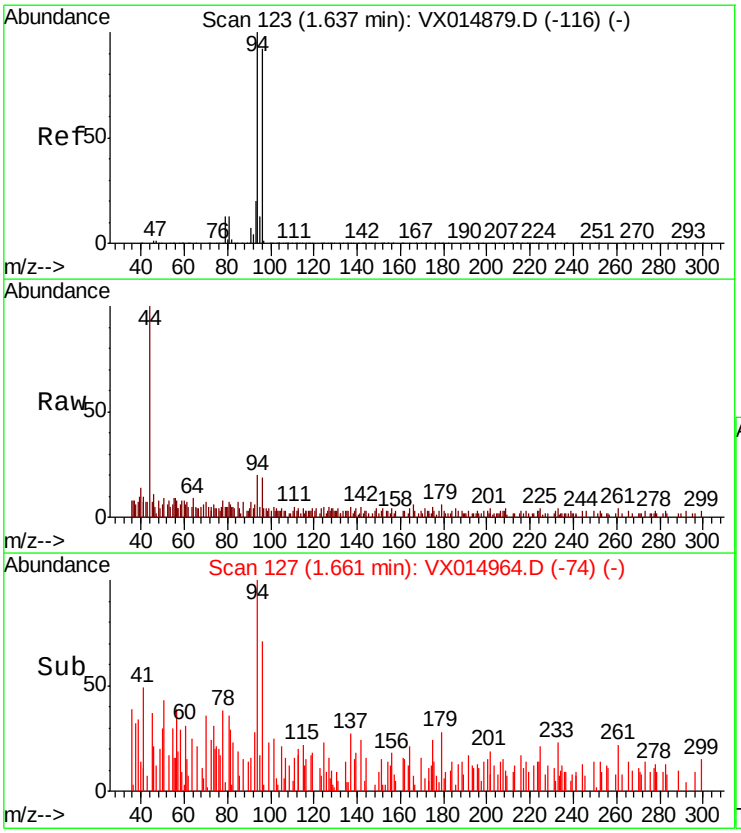
#4
Vinyl Chloride
Concen: 0.229 ug/l
RT: 1.40 min Scan# 85
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 1170

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.8	37.2#

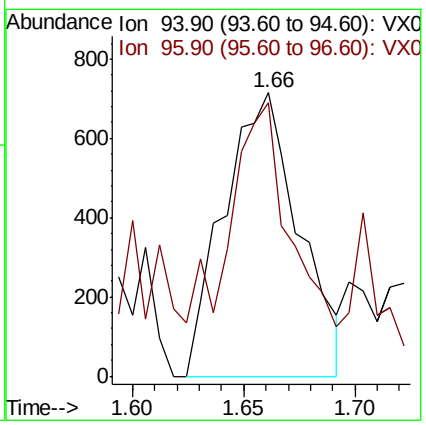


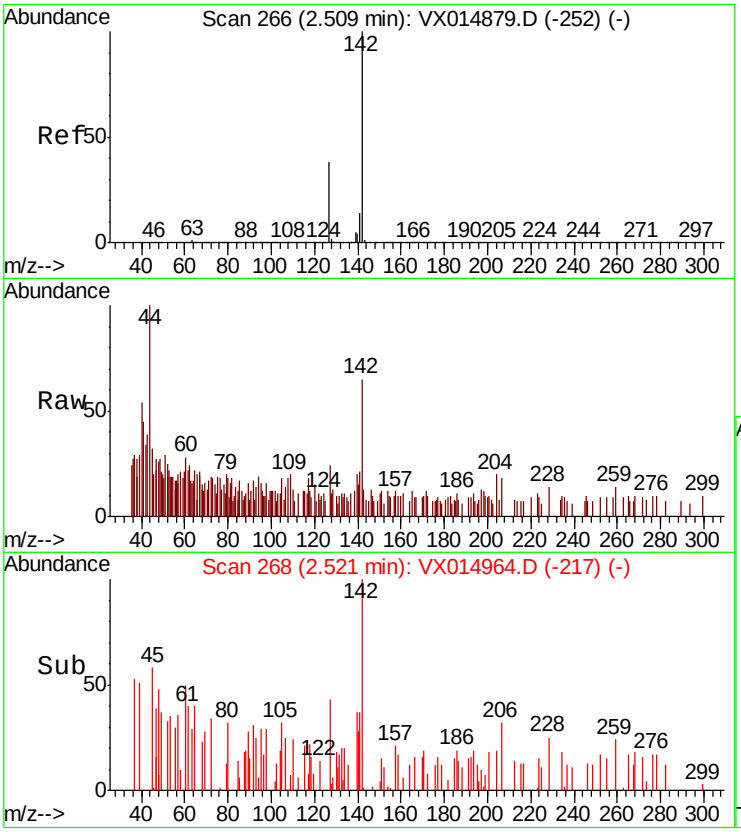


#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.66 min Scan# 127
Delta R.T. 0.02 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 94 Resp: 1677

Ion	Ratio	Lower	Upper
94	100		
96	96.4	73.7	110.5



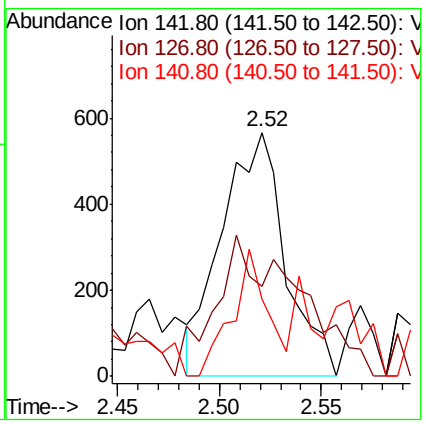


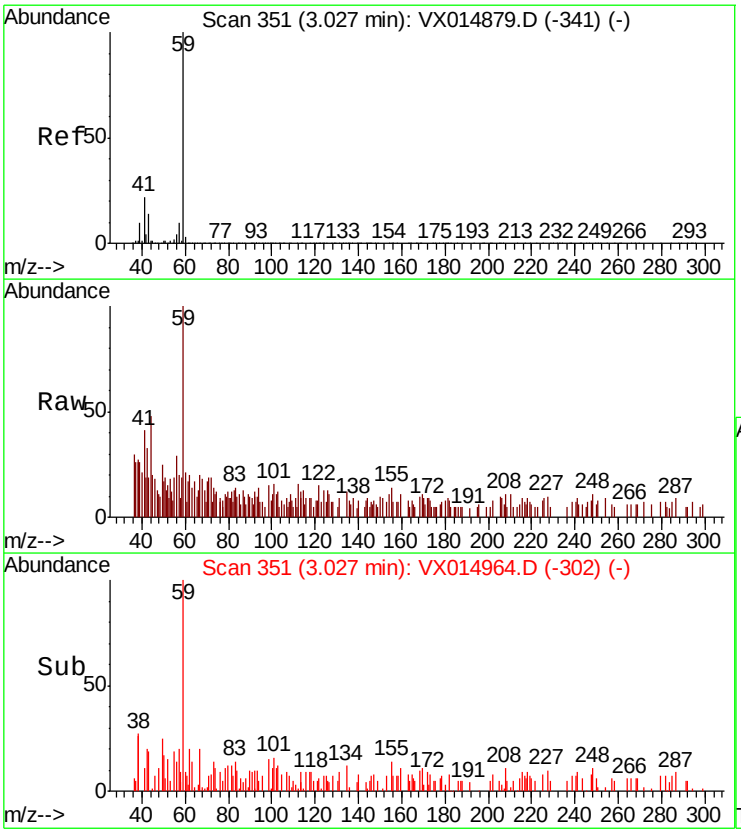
#10
Methyl Iodide
Concen: 4.611 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1229

Ion	Ratio	Lower	Upper
142	100		
127	38.7	31.1	46.7
141	29.1	11.3	16.9#

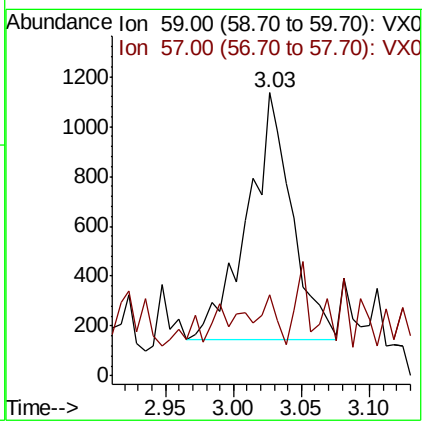


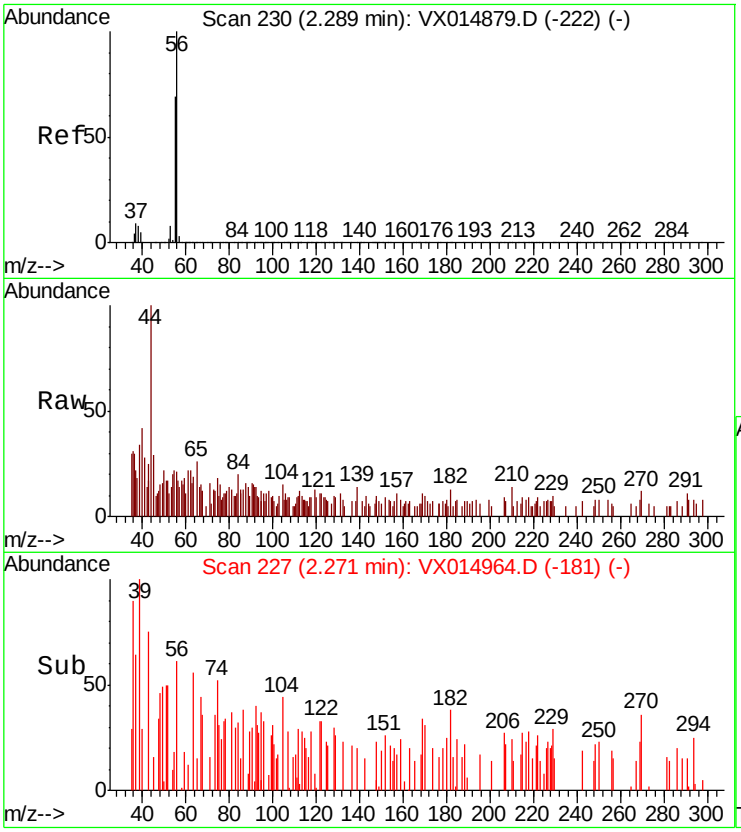


#11
Tert butyl alcohol
Concen: 2.568 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 59 Resp: 2265

Ion	Ratio	Lower	Upper
59	100		
57	6.6	8.2	12.4#

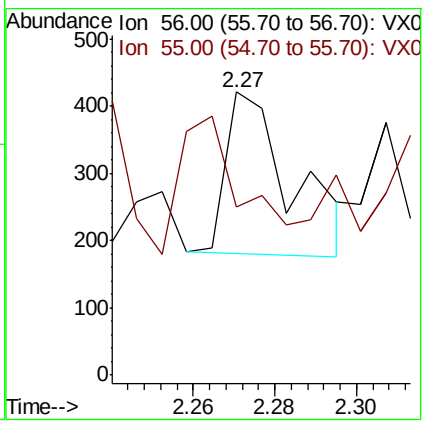




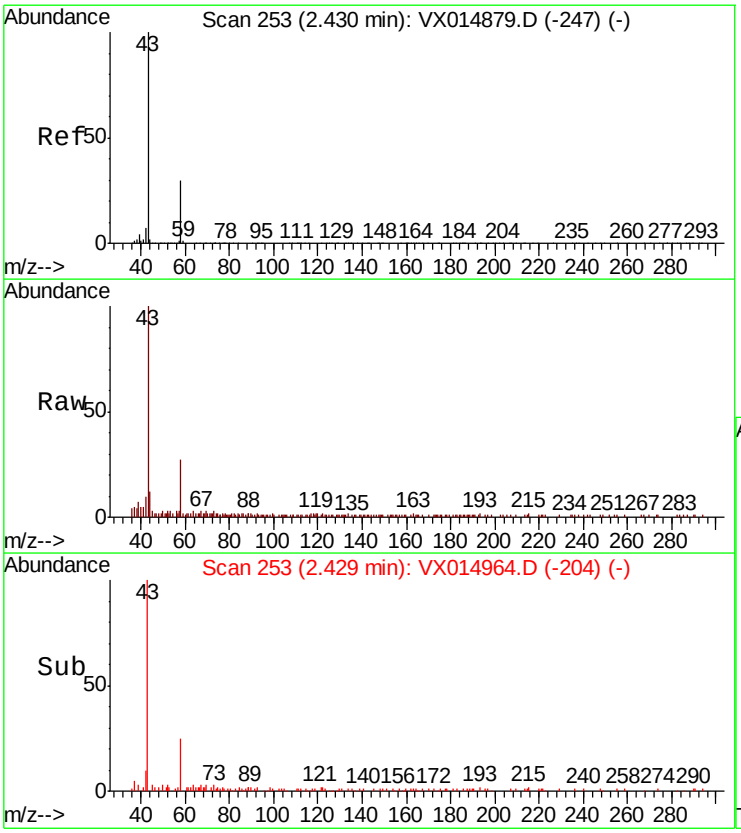
#13
Acrolein
Concen: 0.394 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.02 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 56 Resp: 265

Ion	Ratio	Lower	Upper
56	100		
55	81.1	55.0	82.4



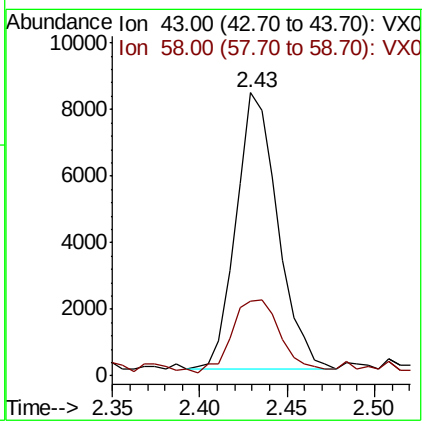
Instrument :
MSVOA_X
ClientSampleId :

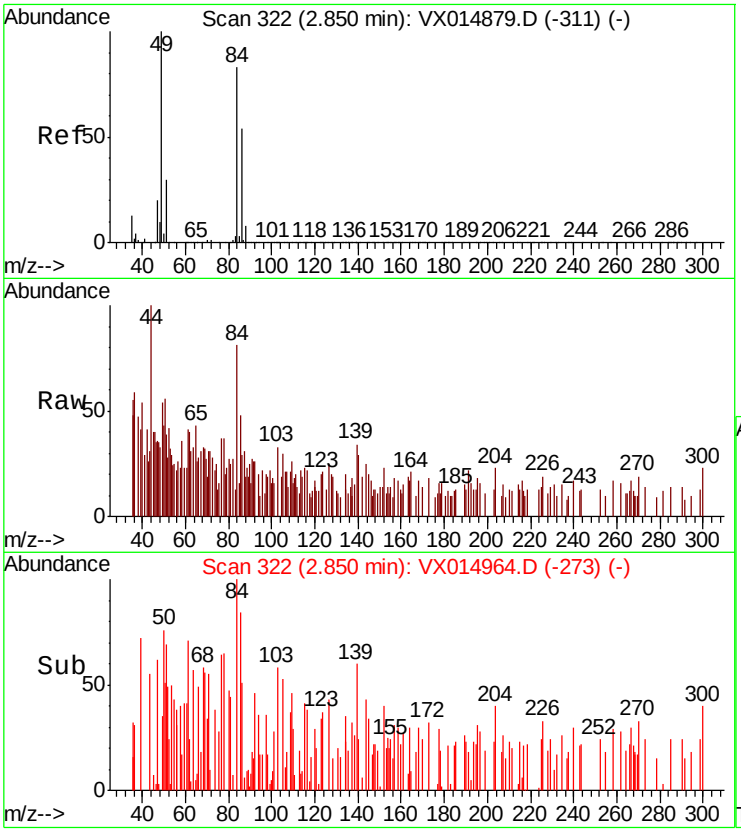


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 43 Resp: 13774

Ion	Ratio	Lower	Upper
43	100		
58	24.8	24.1	36.1



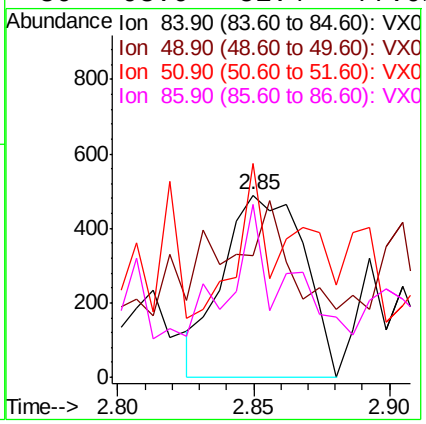


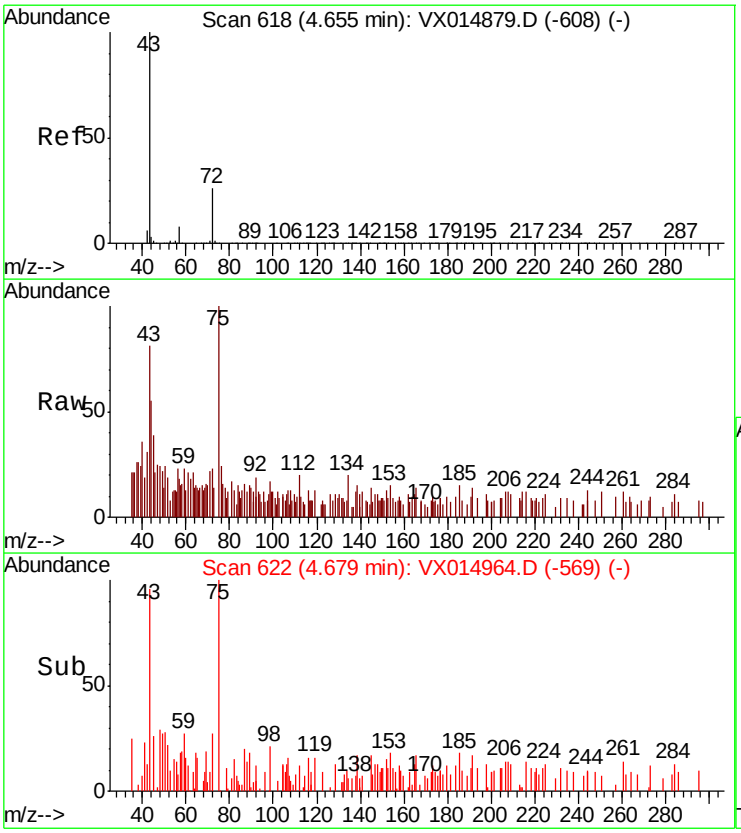
#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1012

Ion	Ratio	Lower	Upper
84	100		
49	38.5	95.6	143.4#
51	110.6	29.0	43.6#
86	93.6	51.4	77.0#

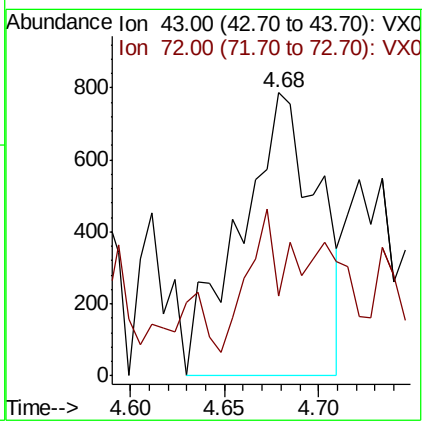


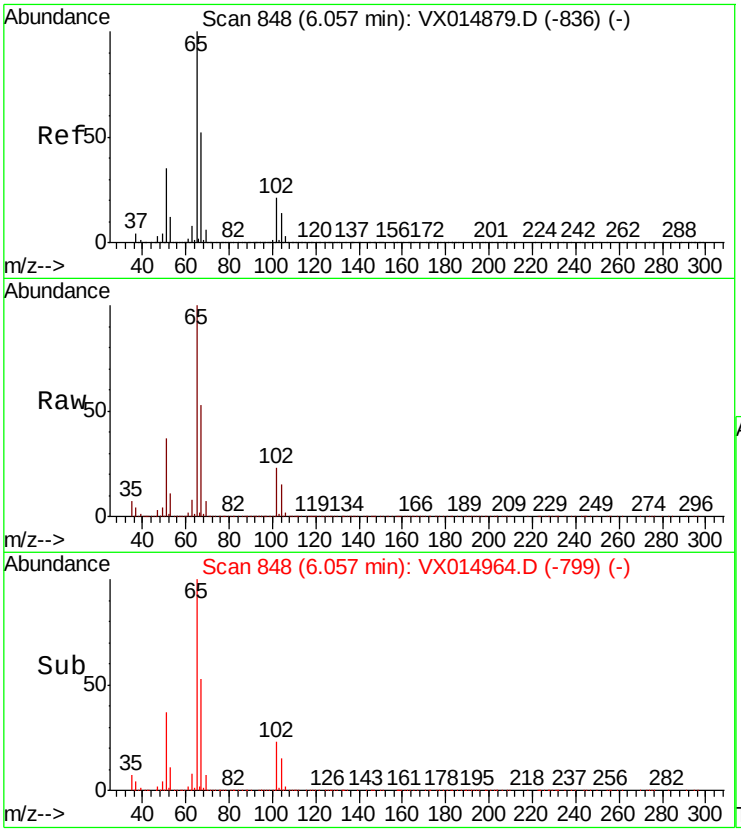


#25
2-Butanone
Concen: 0.654 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 43 Resp: 2224

Ion	Ratio	Lower	Upper
43	100		
72	2.3	21.0	31.6#



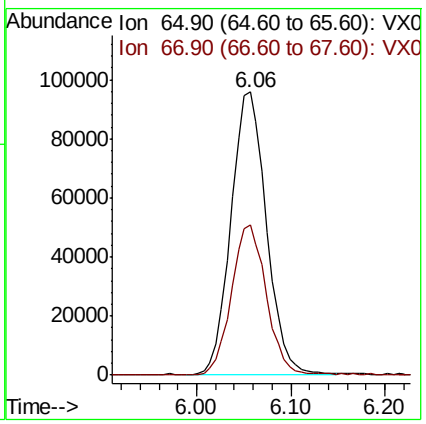


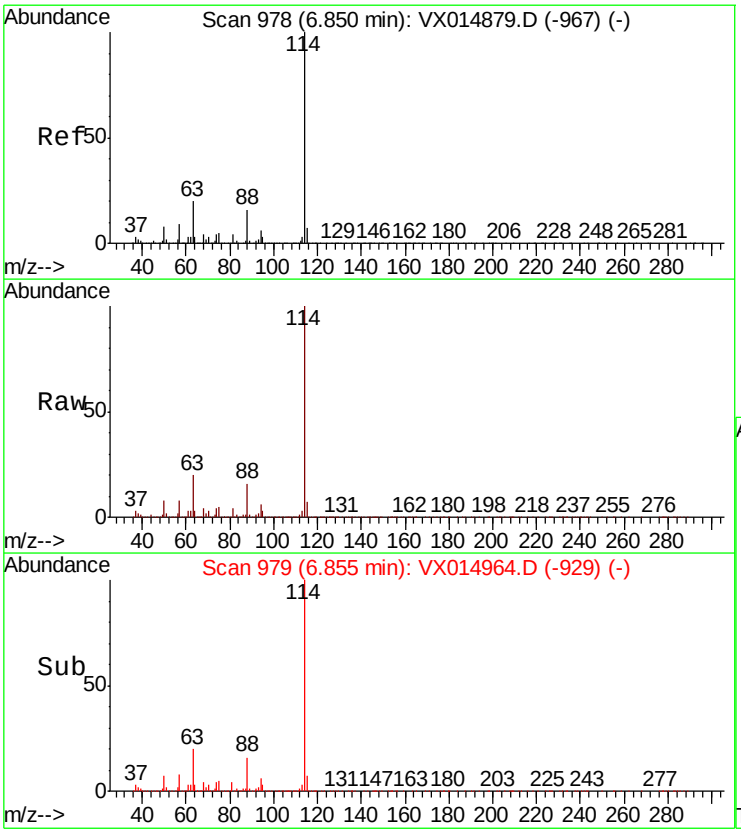
#33
1,2-Dichloroethane-d4
Concen: 50.208 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 250797

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

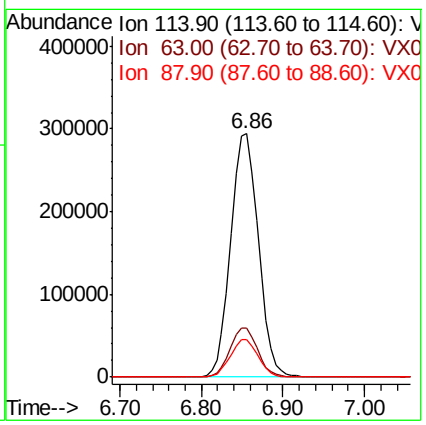


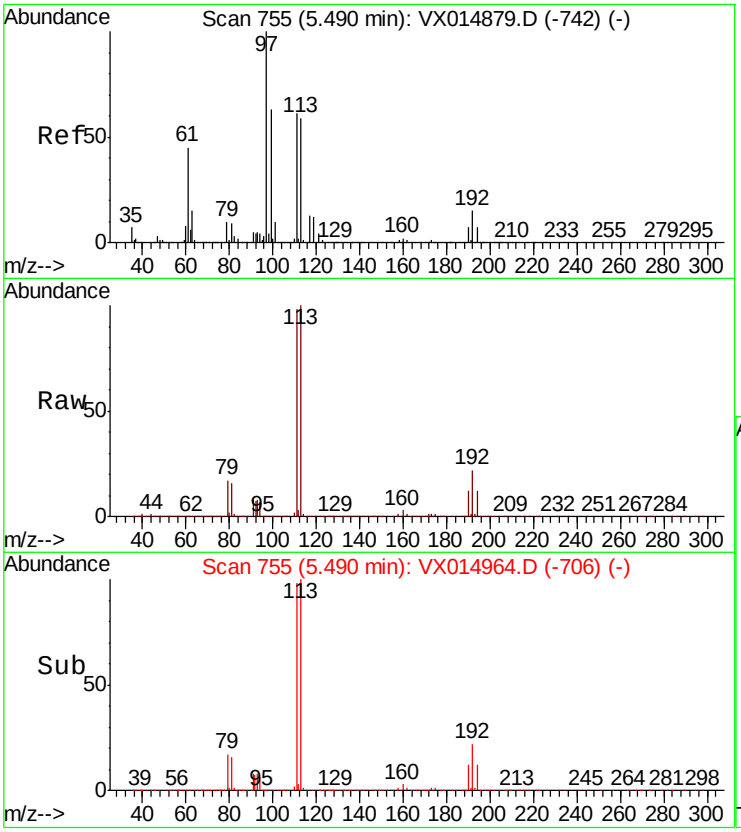


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion:114 Resp: 690197

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	15.6	0.0	32.0



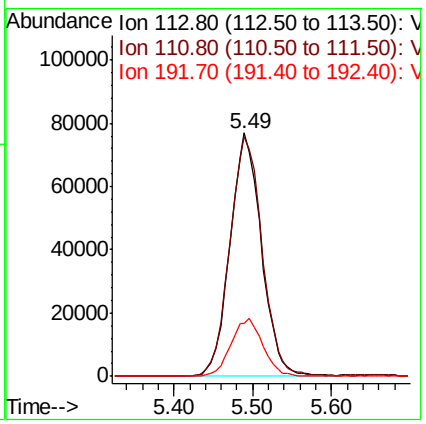


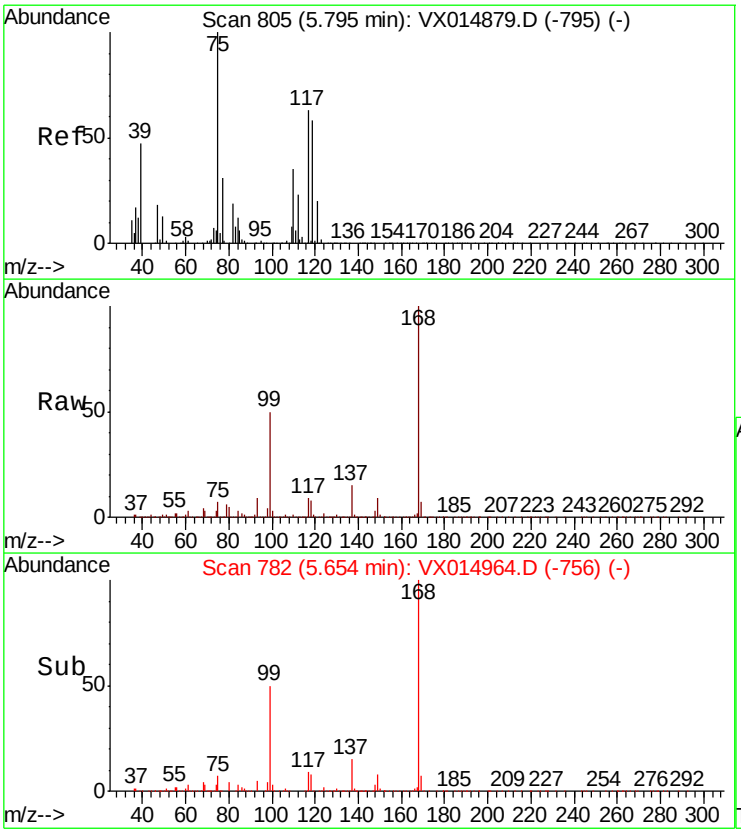
#35
Dibromofluoromethane
Concen: 49.976 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 212055

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	23.9	19.1	28.7

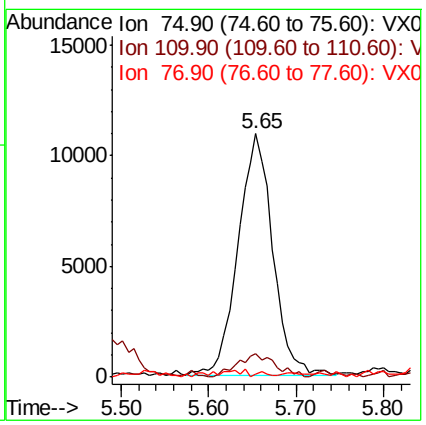


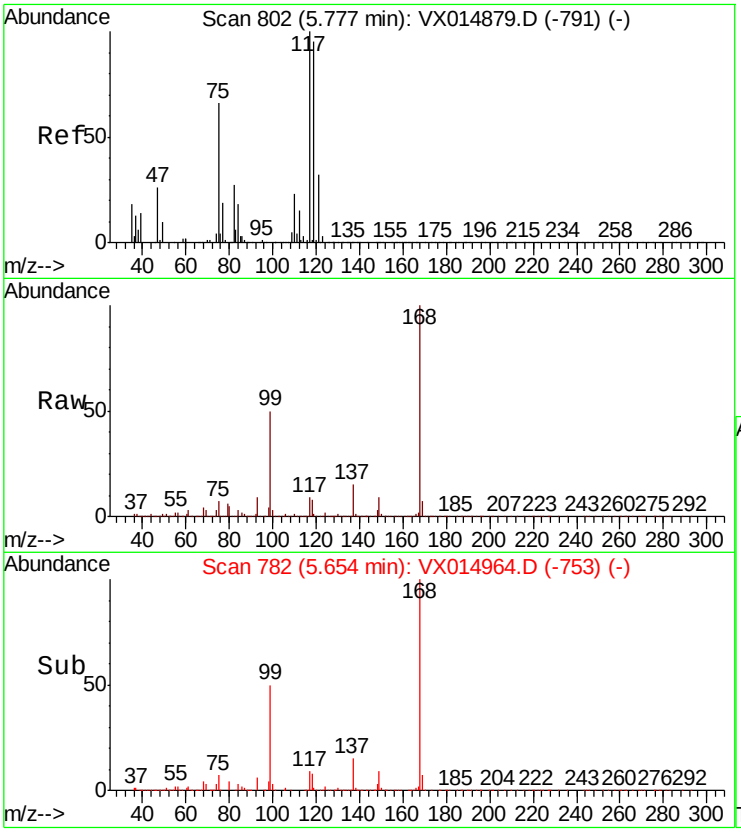


#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 75 Resp: 30198

Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.3	54.8#
77	0.3	24.6	36.8#



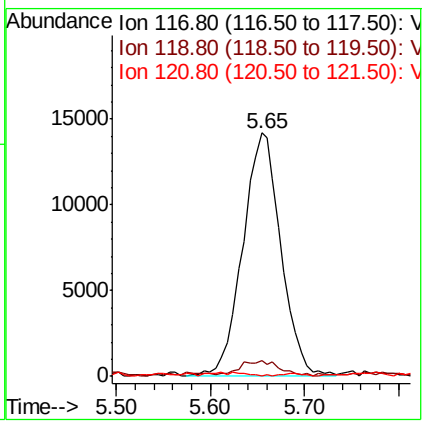


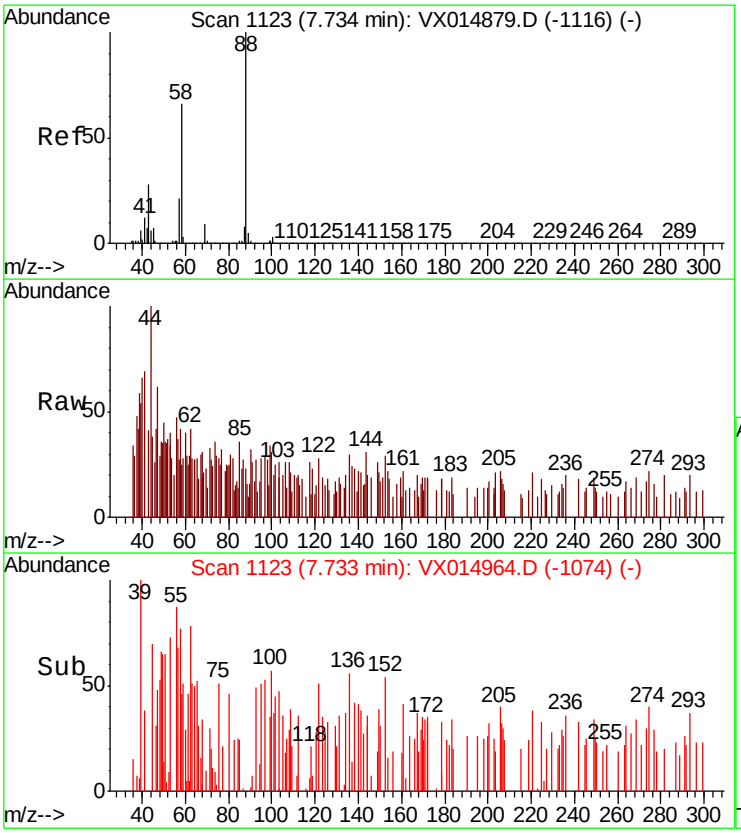
#38
Carbon Tetrachloride
Concen: 6.605 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 39740

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.0	114.0#
121	0.0	25.4	38.2#

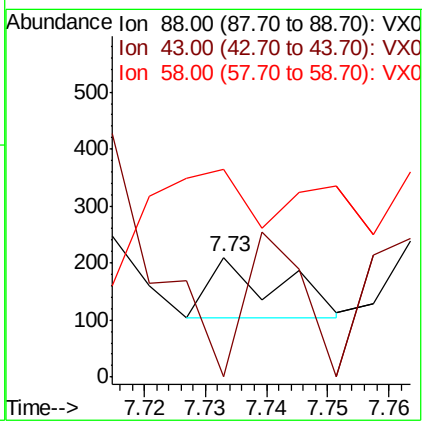


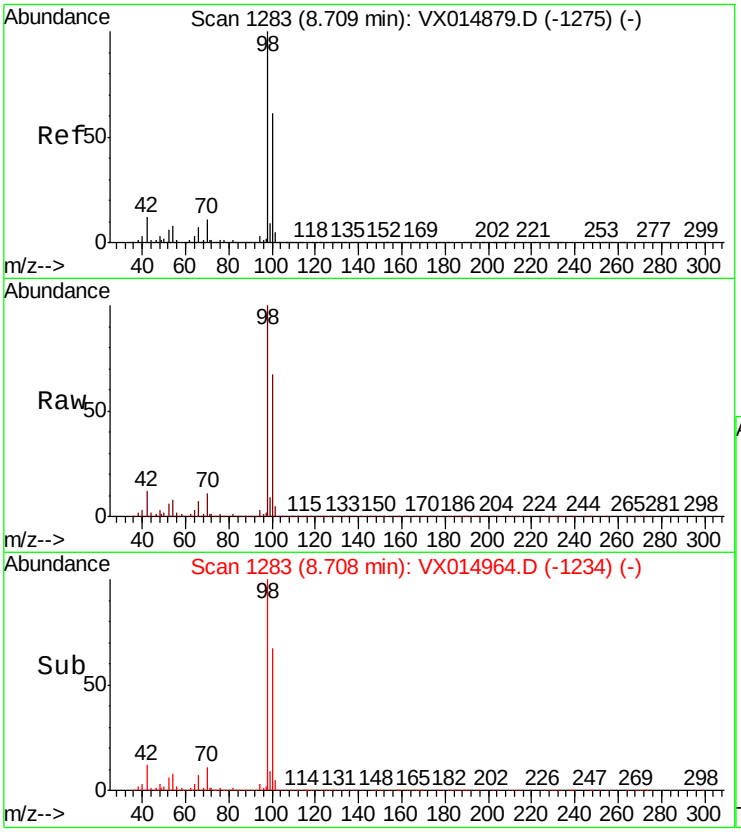


#49
1,4-Dioxane
Concen: 0.870 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 88 Resp: 85

Ion	Ratio	Lower	Upper
88	100		
43	191.8	27.0	40.4#
58	360.0	53.2	79.8#



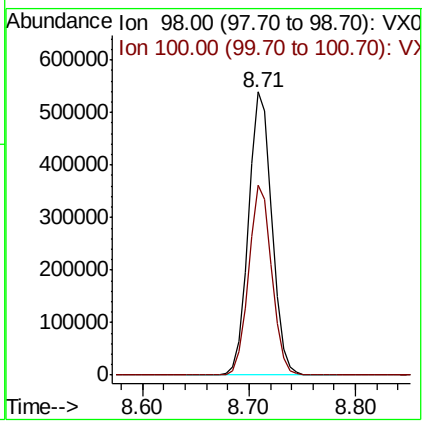


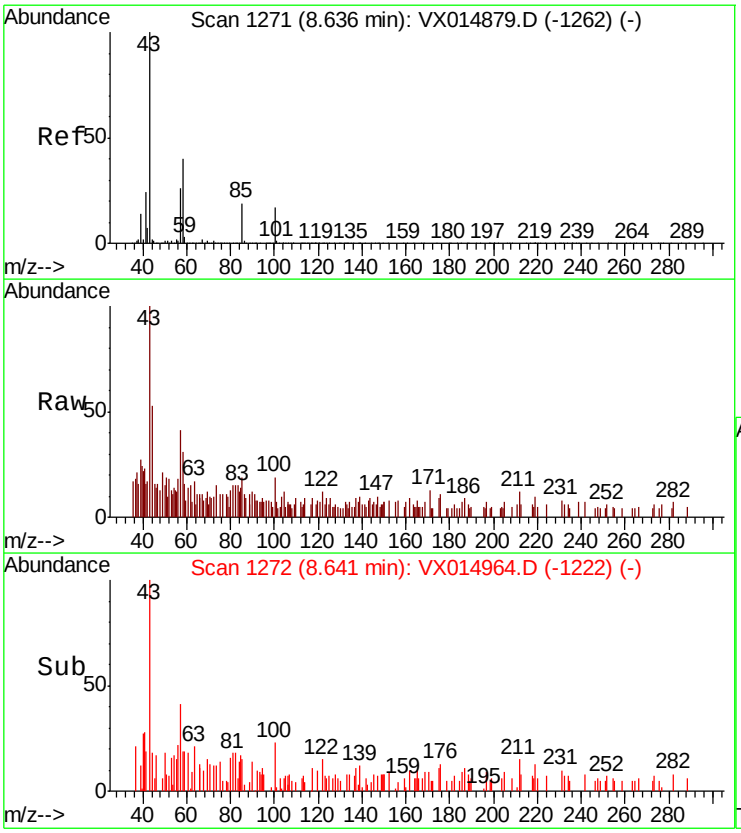
#50
Toluene-d8
Concen: 51.201 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 829280

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6

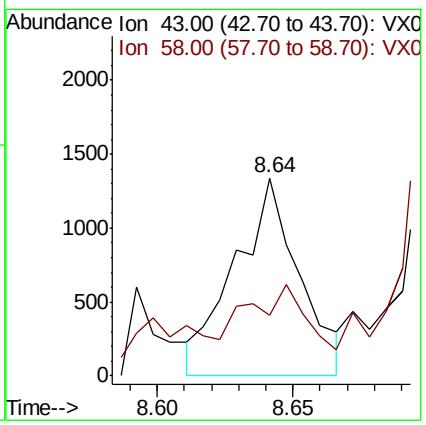


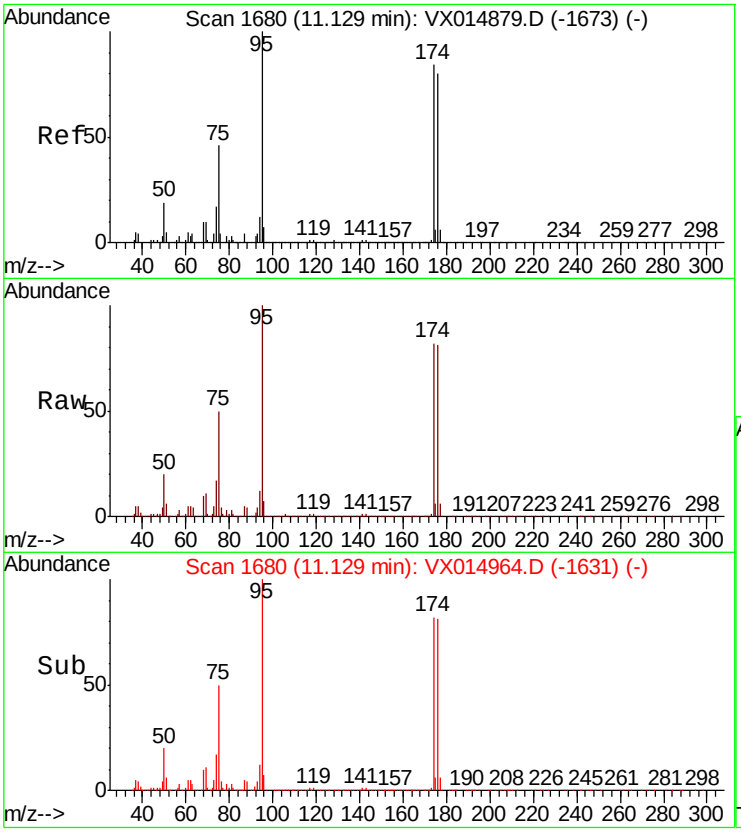


#51
4-Methyl-2-Pentanone
Concen: 0.344 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 43 Resp: 2205

Ion	Ratio	Lower	Upper
43	100		
58	33.0	31.9	47.9



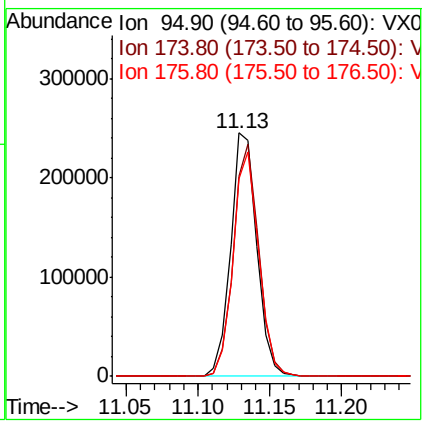


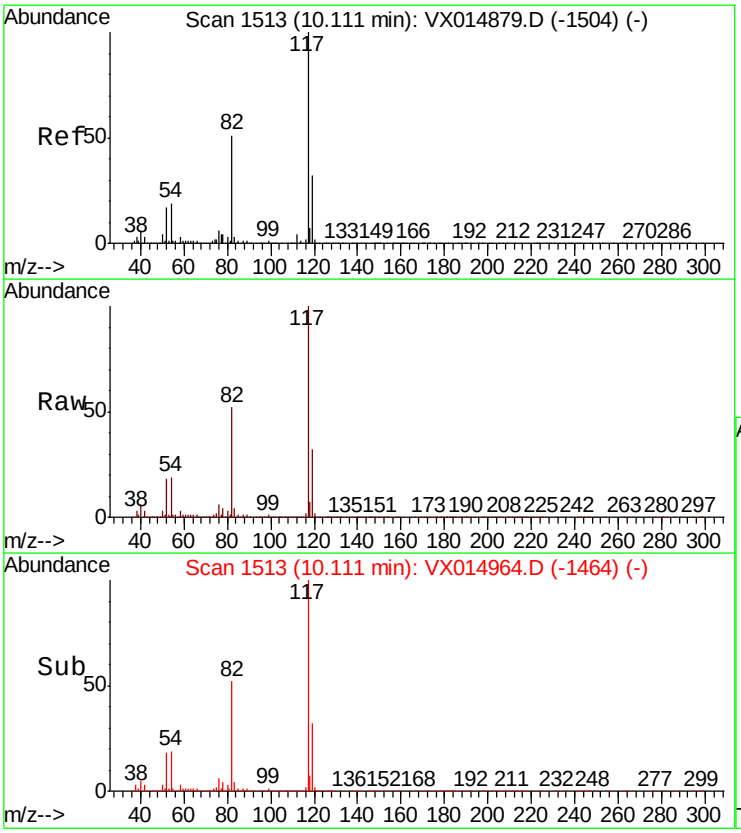
#62
4-Bromofluorobenzene
Concen: 53.717 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 313413

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	183.0
176	90.2	0.0	178.0

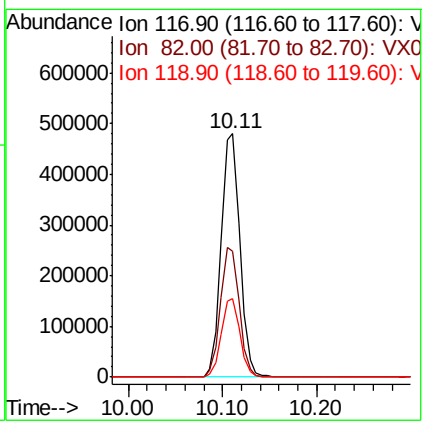


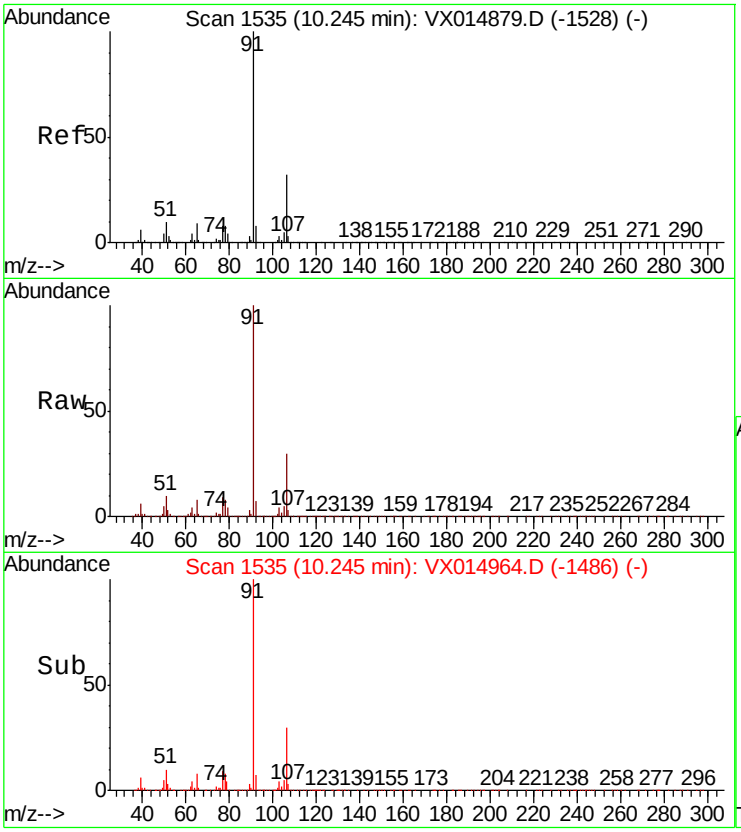


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion:117 Resp: 662233

Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.5	60.7
119	32.3	25.8	38.6



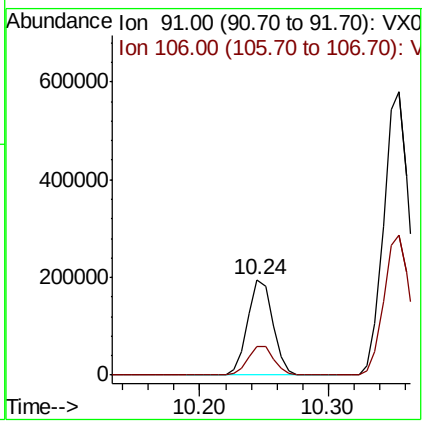


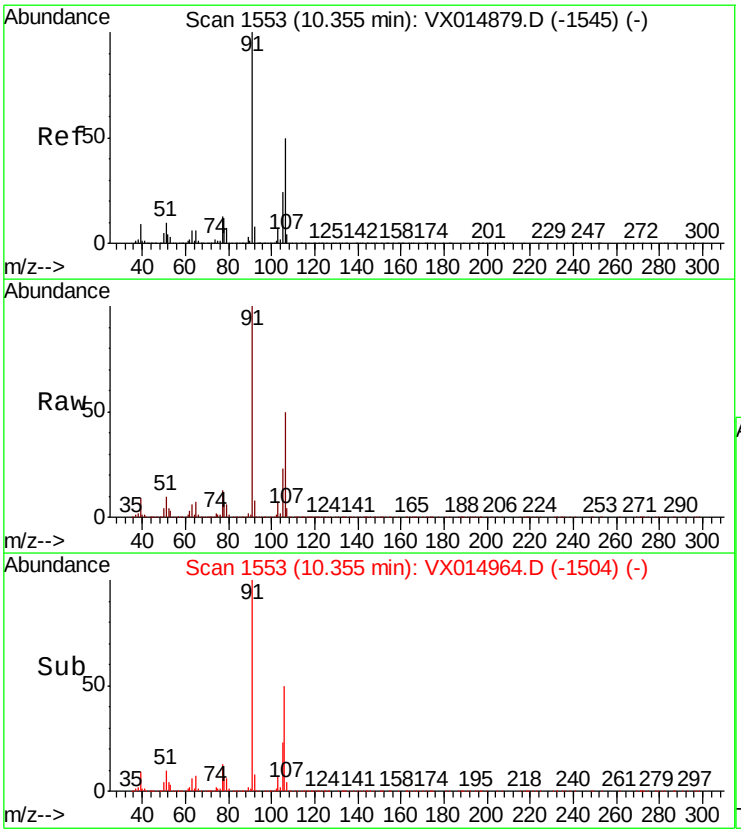
#67
Ethyl Benzene
Concen: 11.446 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 261475

Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.3	37.9

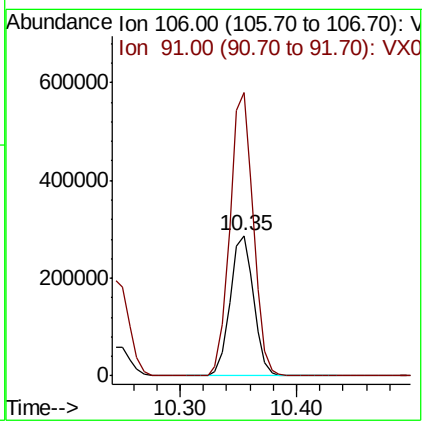


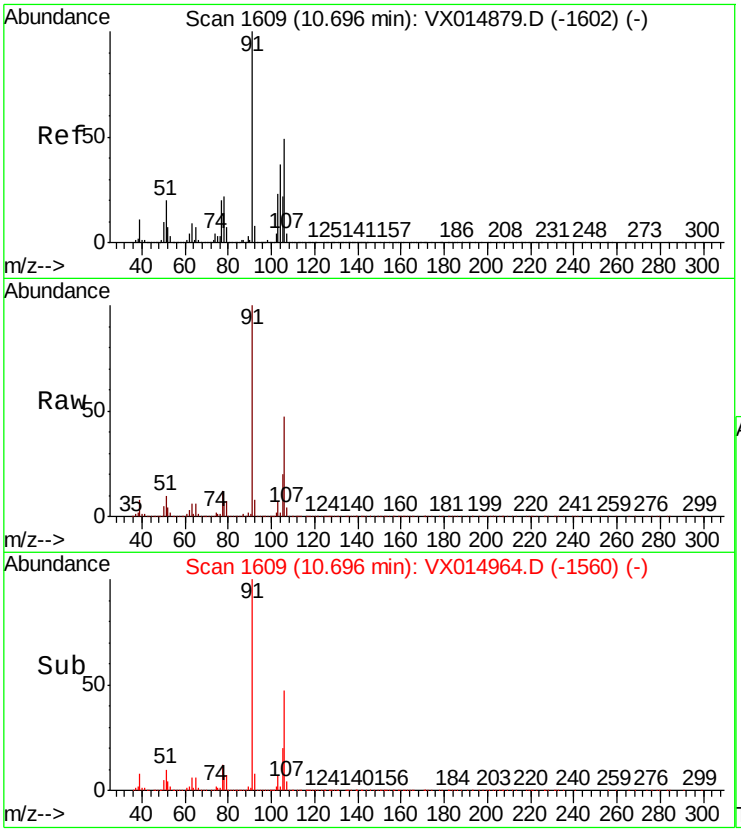


#68
m/p-Xylenes
Concen: 45.823 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion:106 Resp: 403246

Ion	Ratio	Lower	Upper
106	100		
91	200.2	160.6	240.8



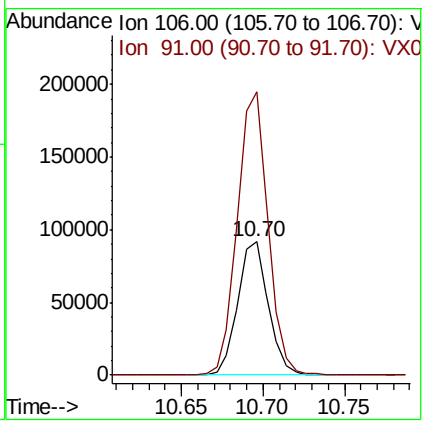


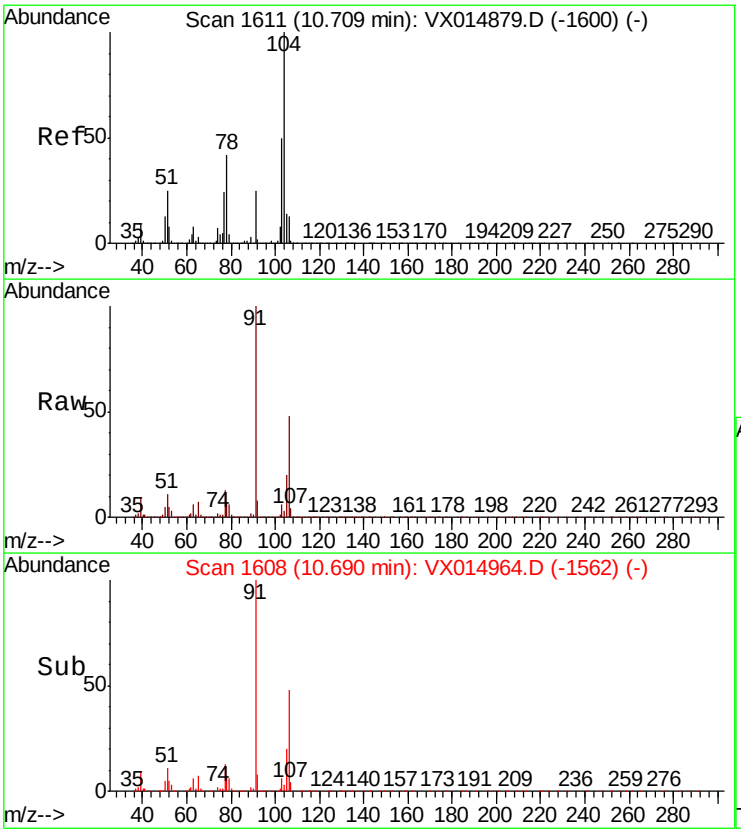
#69
o-Xylene
Concen: 14.154 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 119734

Ion	Ratio	Lower	Upper
106	100		
91	213.5	105.1	315.3

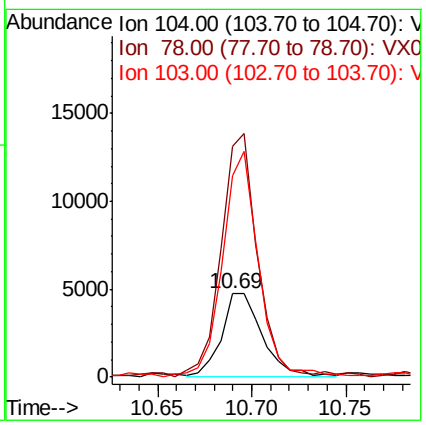


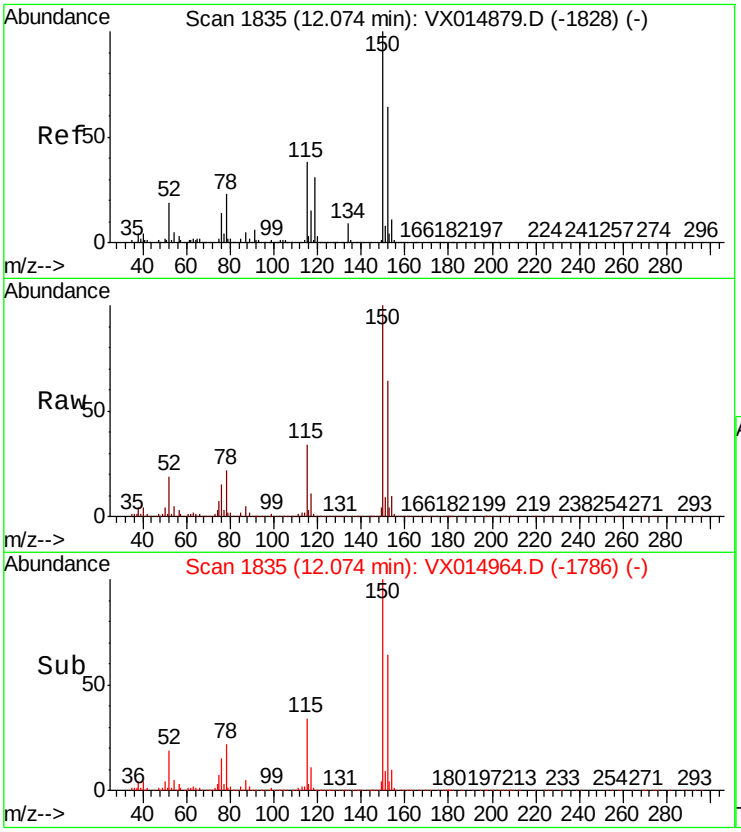


#70
Styrene
Concen: 0.493 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.02 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion:104 Resp: 7055

Ion	Ratio	Lower	Upper
104	100		
78	262.0	39.0	58.4#
103	237.1	43.4	65.0#



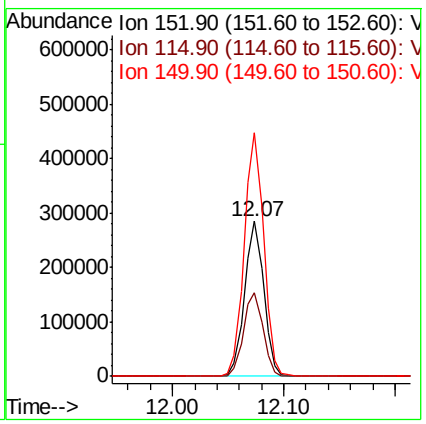


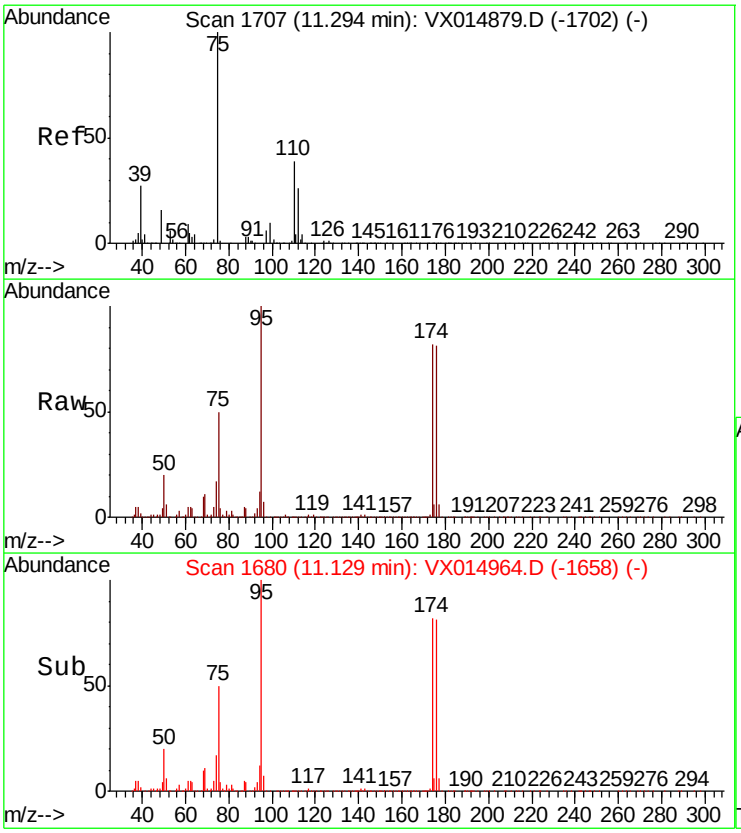
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 340583

Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.6	116.0
150	158.9	0.0	349.0

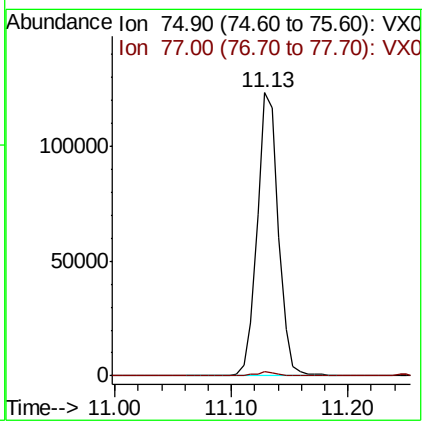


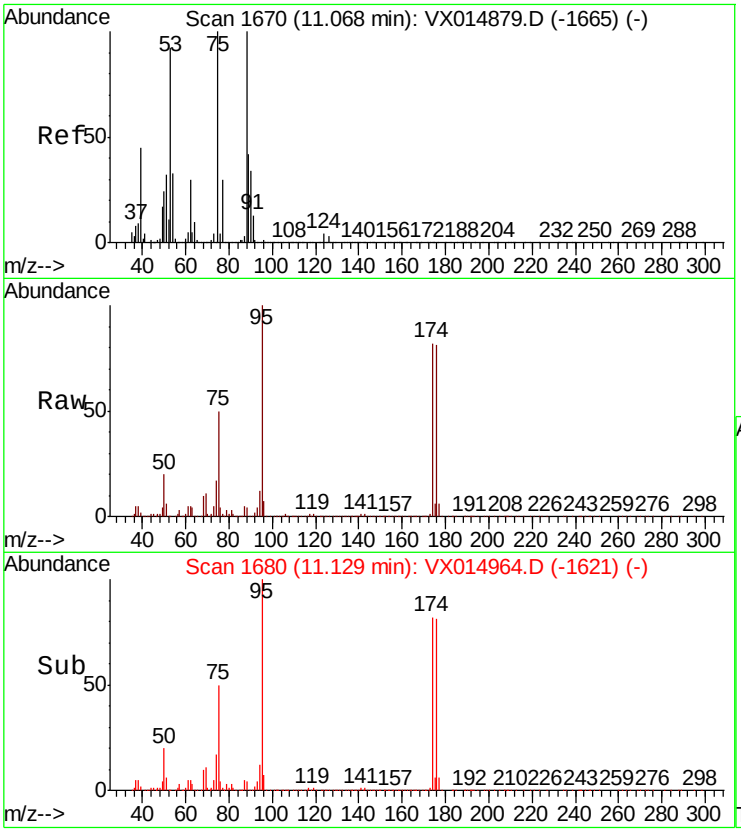


#76
1,2,3-Trichloropropane
Concen: 25.313 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.17 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 75 Resp: 155902

Ion	Ratio	Lower	Upper
75	100		
77	1.7	18.4	55.0#



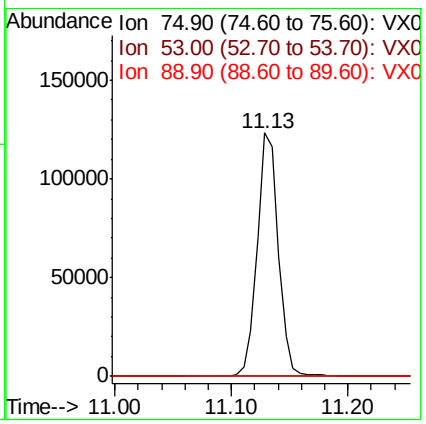


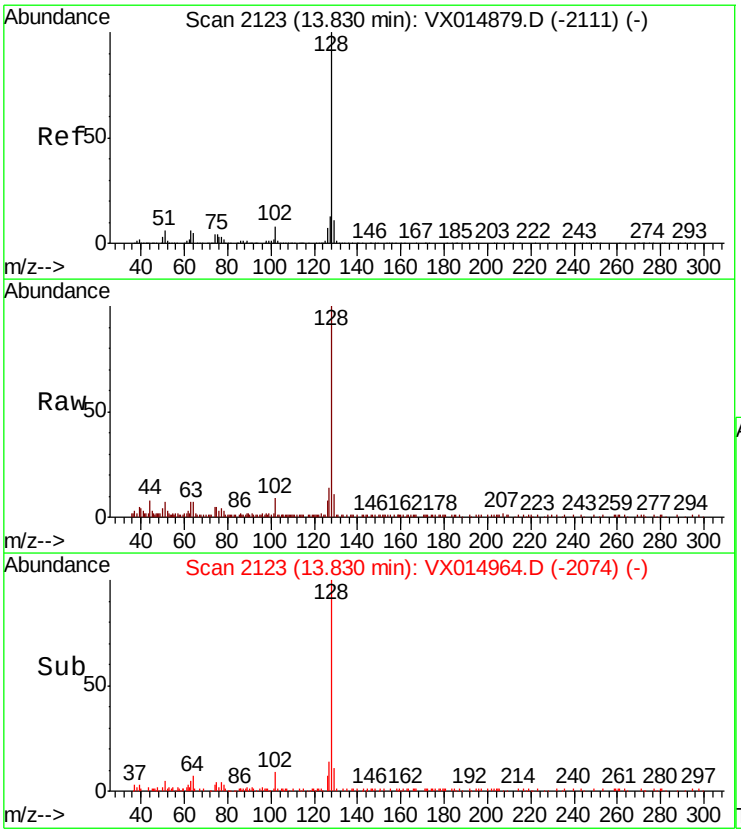
#81
trans-1,4-Dichloro-2-butene
Concen: 64.795 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 155902

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.2	35.8	53.6#





#95
Naphthalene
Concen: 0.630 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion:128 Resp: 12967

Ion	Ratio	Lower	Upper
128	100		
127	17.8	10.4	15.6#
129	15.2	8.6	13.0#