Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010932.D
Acq On : 17 Jul 2019 13:46
Operator : JC/SP
Sample : K3791-17DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Quant Time: Jul 18 02:29:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	227568	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	356969	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	332124	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157609	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	119997	49.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.14%				
35) Dibromofluoromethane	5.50	113	111121	49.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.08%				
50) Toluene-d8	8.71	98	427999	50.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.72%				
62) 4-Bromofluorobenzene	11.13	95	151911	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.22	85	65	0.573	ug/l	#	43
3) Chloromethane	1.32	50	523	0.250	ug/l	#	39
5) Bromomethane	1.67	94	611	0.508	ug/l	#	47
11) Tert butyl alcohol	3.03	59	388	0.688	ug/l	#	73
13) Acrolein	2.29	56	98	0.301	ug/l	#	15
15) Acrylonitrile	3.18	53	402	0.353	ug/l	#	44
31) Cyclohexane	5.58	56	18045	5.490	ug/l		91
36) 1,1-Dichloropropene	5.66	75	14913	5.086	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	20819	6.814	ug/l	#	17
39) Methylcyclohexane	7.46	83	10113	2.660	ug/l		96
49) 1,4-Dioxane	7.68	88	19	0.282	ug/l	#	1
52) Toluene	8.78	92	8637	1.464	ug/l		95
67) Ethyl Benzene	10.25	91	99238	8.547	ug/l		98
68) m/p-Xylenes	10.35	106	145959	32.771	ug/l		98
69) o-Xylene	10.70	106	18080	4.159	ug/l		99
73) Isopropylbenzene	11.02	105	7595	0.713	ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	75430	26.521	ug/l	#	35
78) n-propylbenzene	11.36	91	8695	0.739	ug/l		96
79) 2-Chlorotoluene	11.43	91	4362	0.617	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	12638	1.420	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	75430	65.824	ug/l	#	11
82) 4-Chlorotoluene	11.51	91	1736	0.211	ug/l	#	45
83) tert-Butylbenzene	11.80	119	4539	0.519	ug/l	#	53
84) 1,2,4-Trimethylbenzene	11.80	105	35652	3.975	ug/l		97
85) sec-Butylbenzene	11.80	105	35652	3.481	ug/l	#	55
90) Hexachloroethane	12.61	117	318	0.213	ug/l	#	6
95) Naphthalene	13.83	128	13026	1.288	ug/l		99

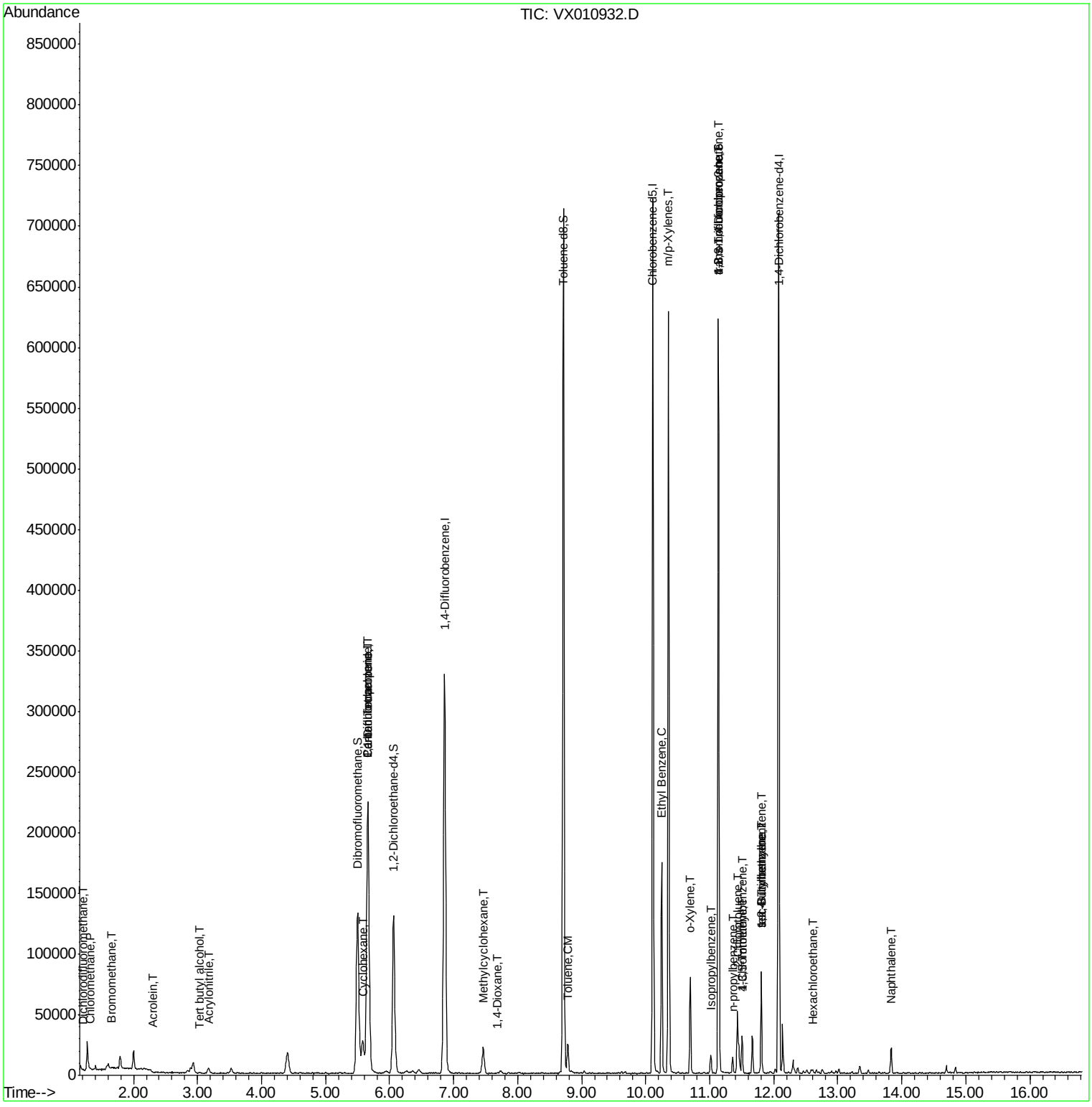
(#) = qualifier out of range (m) = manual integration (+) = signals summed

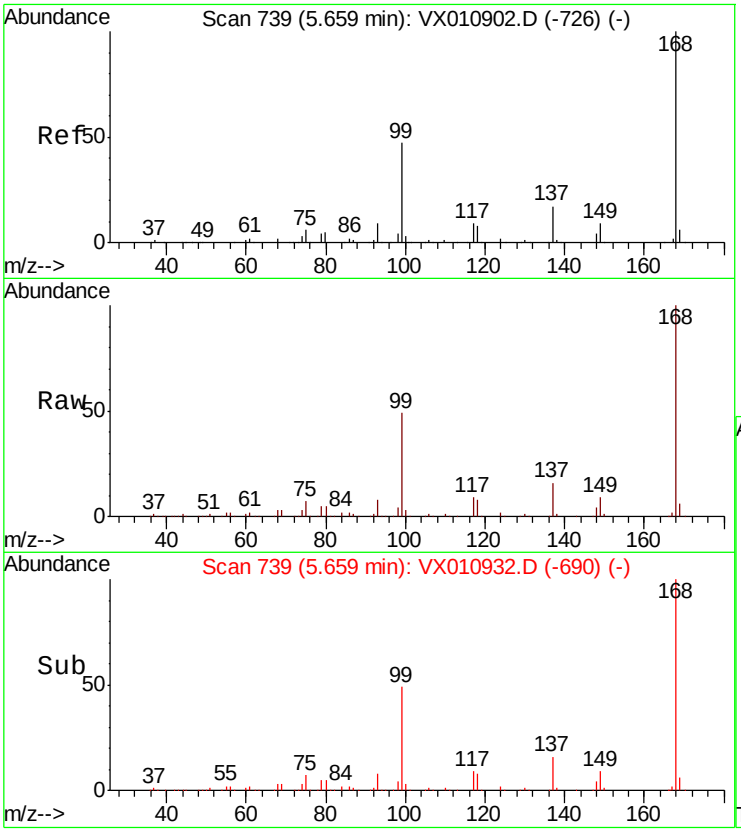
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010932.D
Acq On : 17 Jul 2019 13:46
Operator : JC/SP
Sample : K3791-17DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Quant Time: Jul 18 02:29:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration



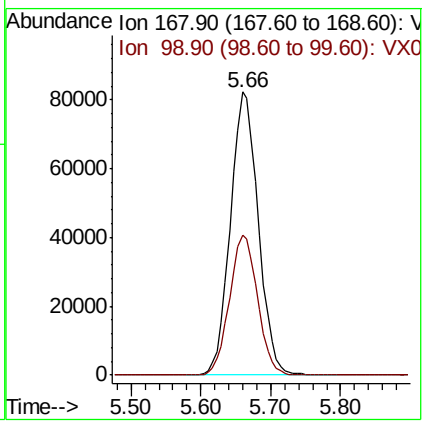


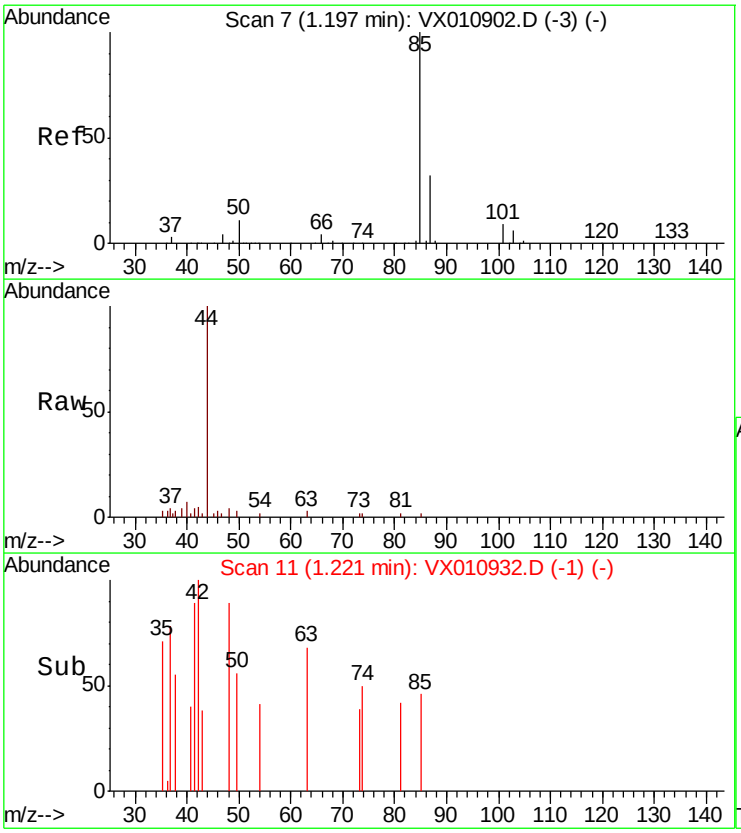
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:168 Resp: 227568

Ion	Ratio	Lower	Upper
168	100		
99	49.3	37.6	56.4

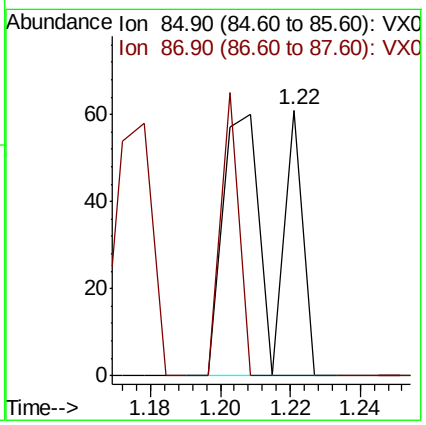


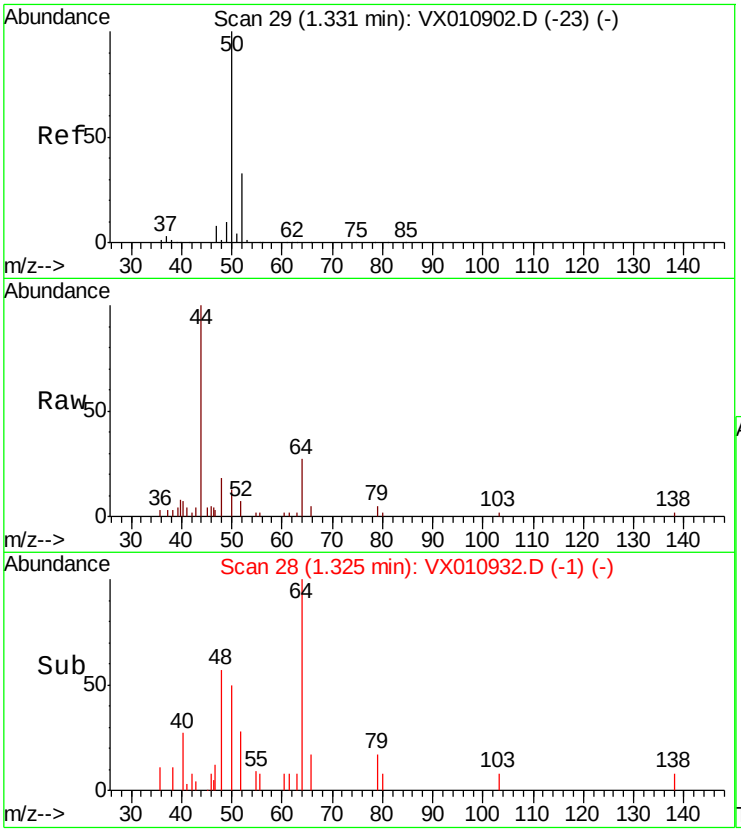


#2
Dichlorodifluoromethane
Concen: 0.573 ug/l
RT: 1.22 min Scan# 11
Delta R.T. 0.02 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 85 Resp: 65

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



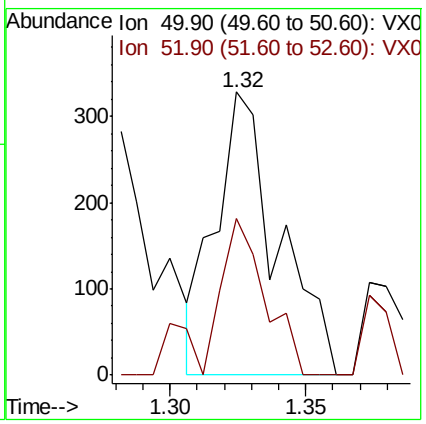


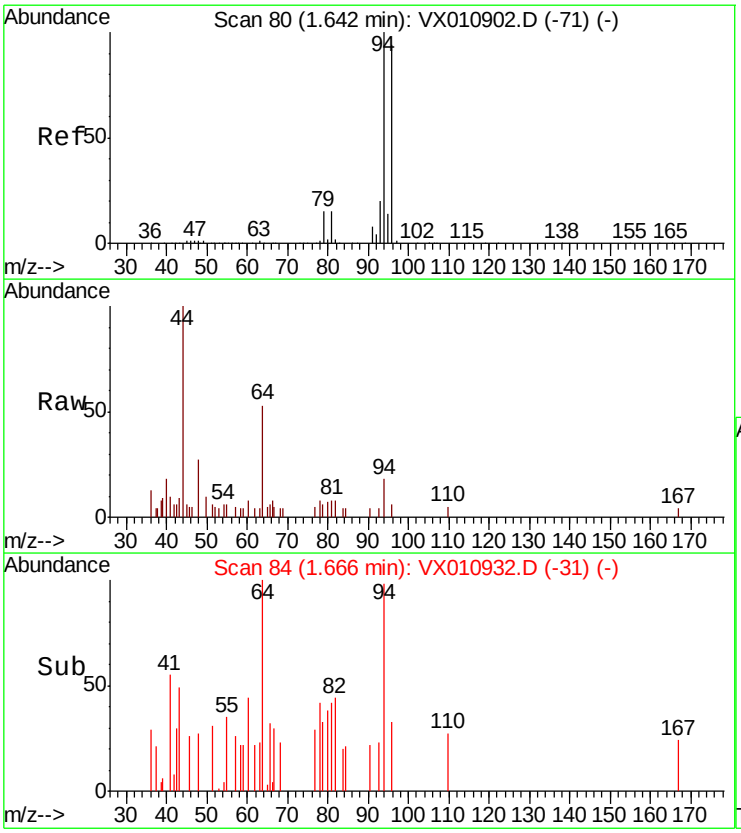
#3
Chloromethane
Concen: 0.250 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion: 50 Resp: 523

Ion	Ratio	Lower	Upper
50	100		
52	67.4	26.4	39.6#

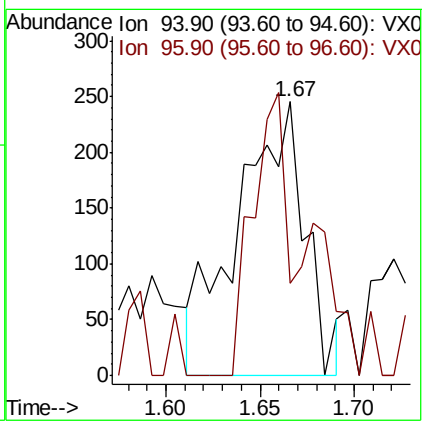


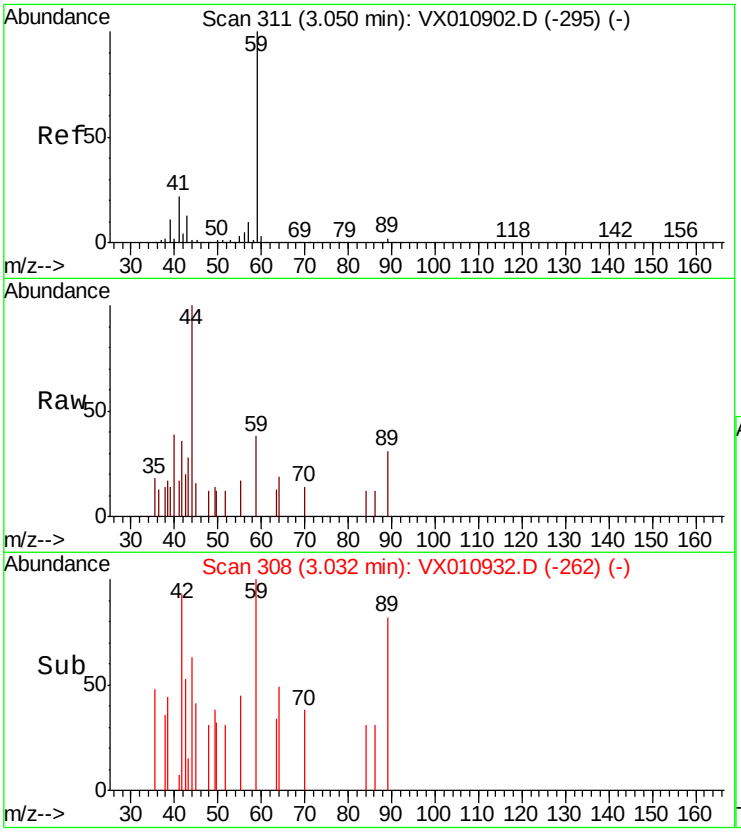


#5
Bromomethane
Concen: 0.508 ug/l
RT: 1.67 min Scan# 84
Delta R.T. 0.02 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 94 Resp: 611

Ion	Ratio	Lower	Upper
94	100		
96	42.8	75.6	113.4#



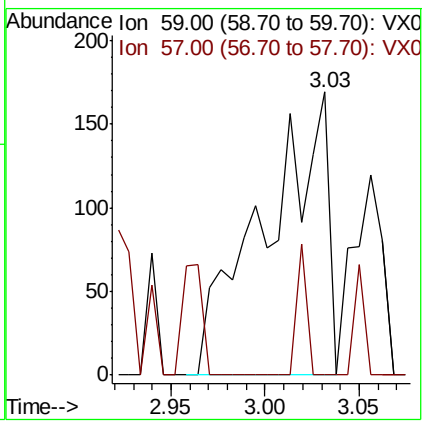


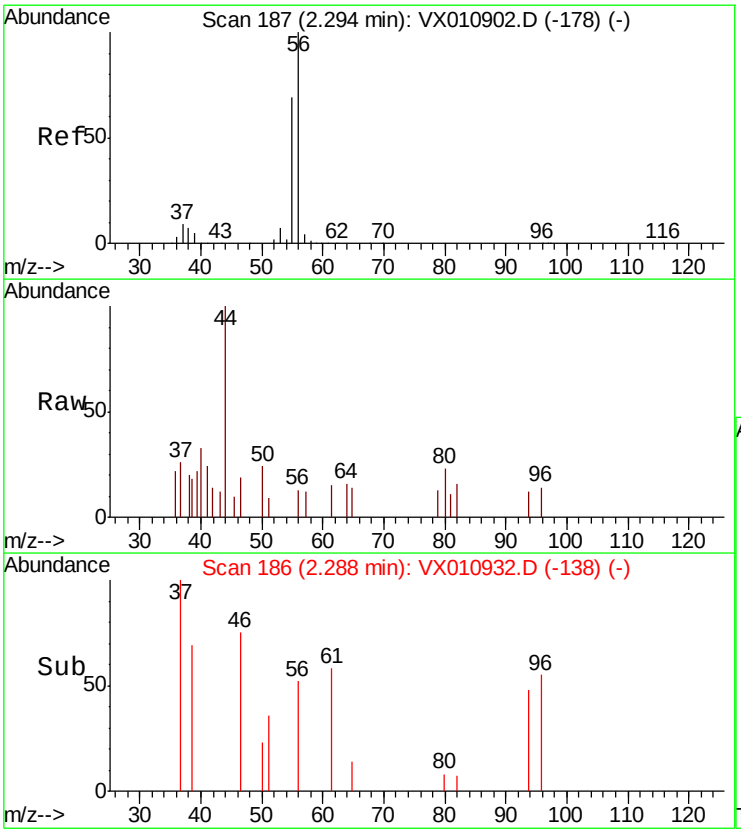
#11
Tert butyl alcohol
Concen: 0.688 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Tgt Ion: 59 Resp: 388

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

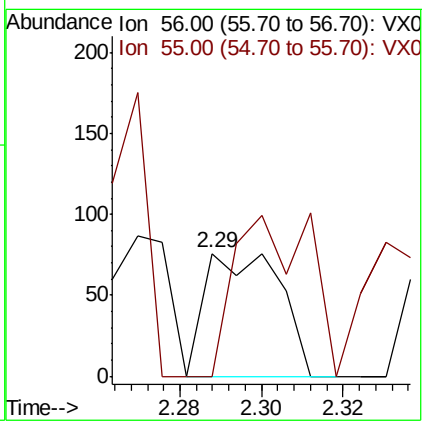


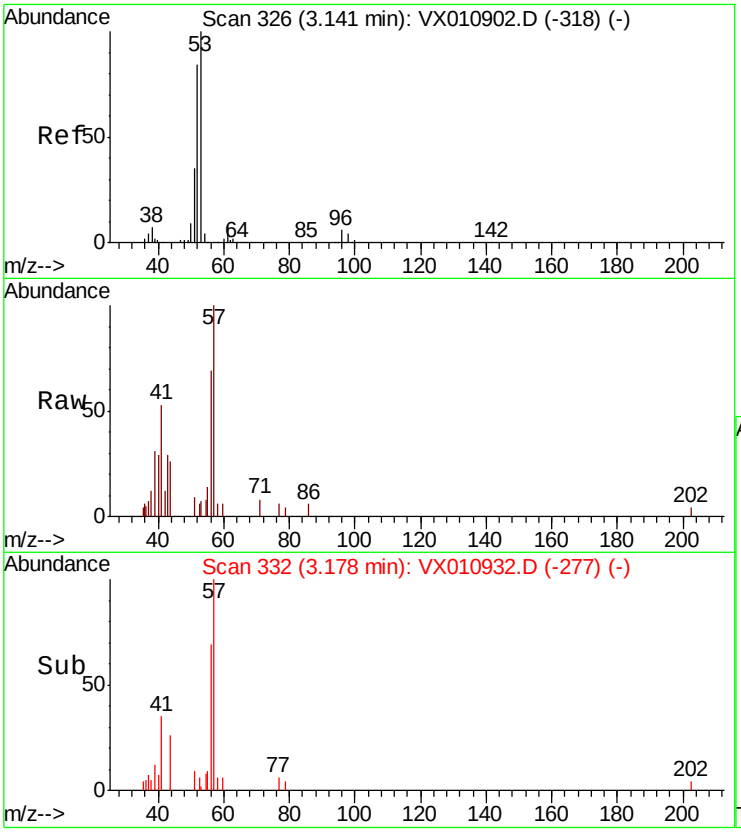


#13
Acrolein
Concen: 0.301 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#



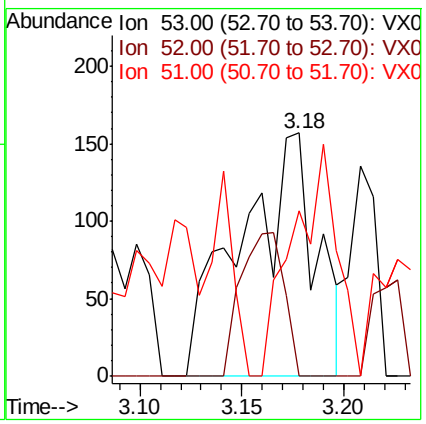


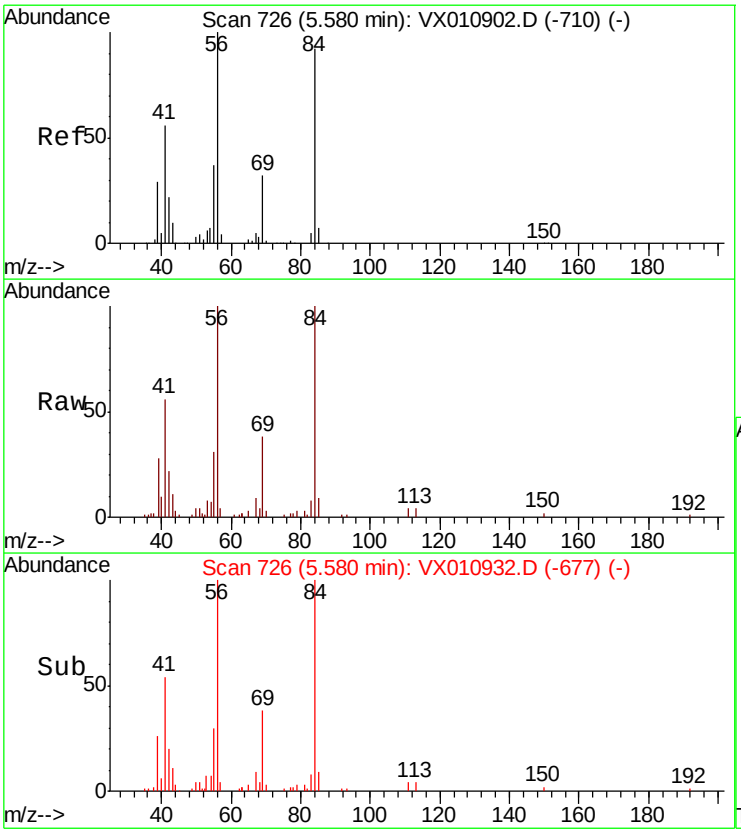
#15
Acrylonitrile
Concen: 0.353 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Tgt Ion: 53 Resp: 402

Ion	Ratio	Lower	Upper
53	100		
52	33.8	66.5	99.7#
51	0.0	28.2	42.4#

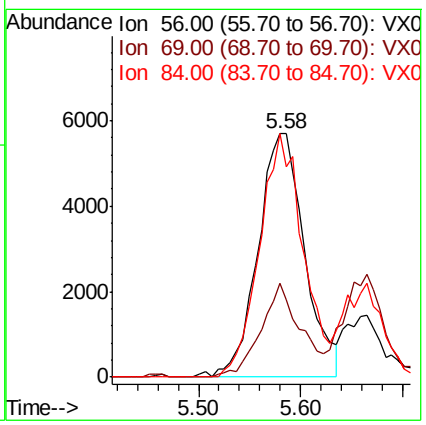


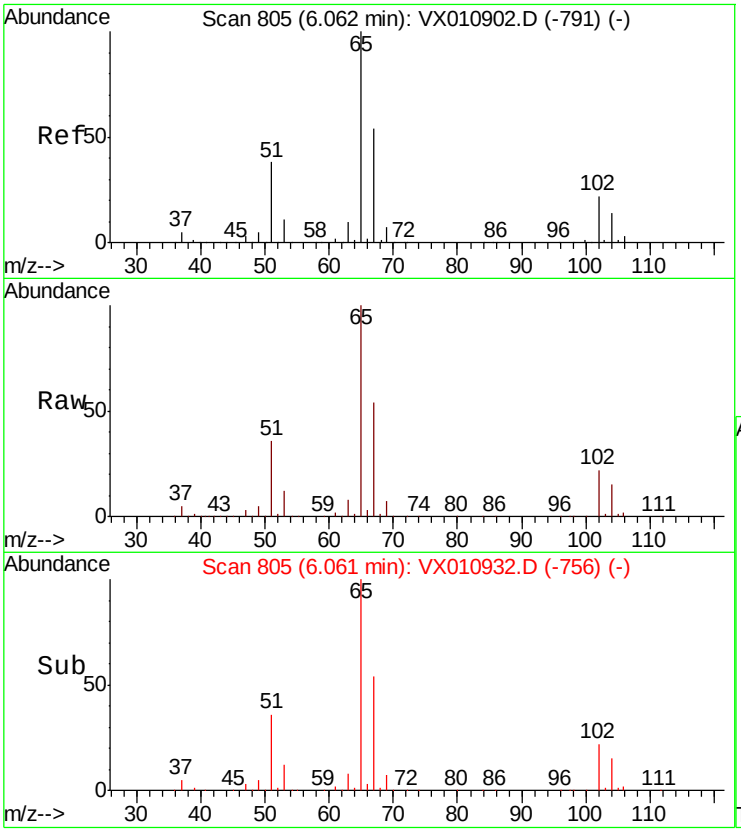


#31
Cyclohexane
Concen: 5.490 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 56 Resp: 18045

Ion	Ratio	Lower	Upper
56	100		
69	38.5	25.8	38.8
84	99.9	73.8	110.6



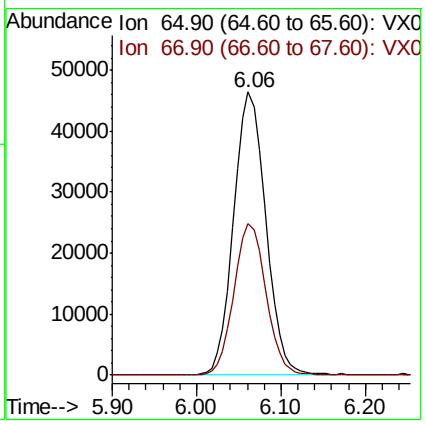


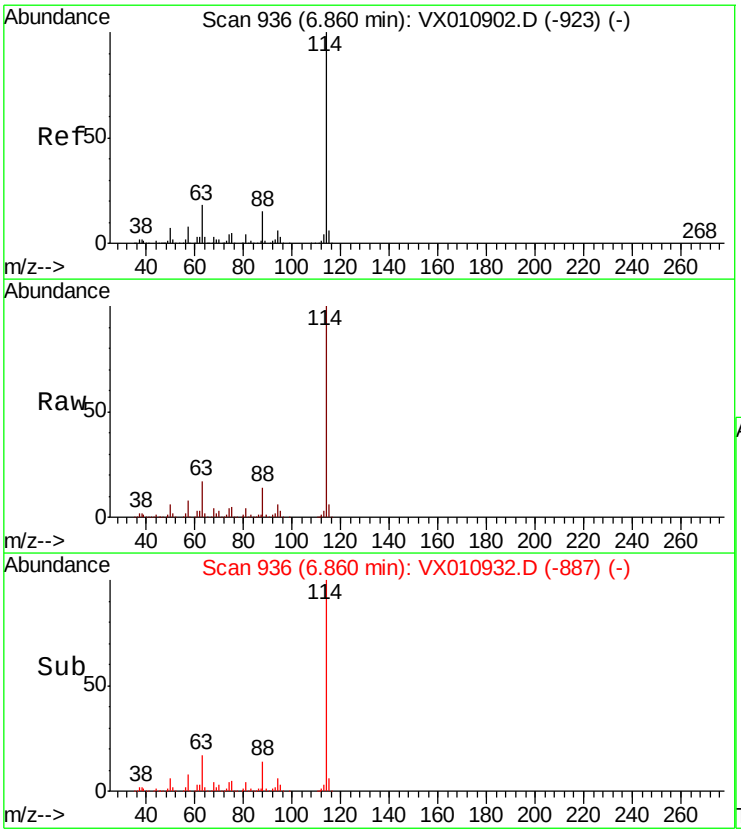
#33
1,2-Dichloroethane-d4
Concen: 49.566 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion: 65 Resp: 119997

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.8

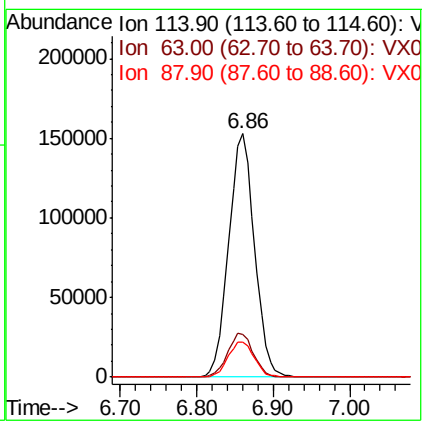


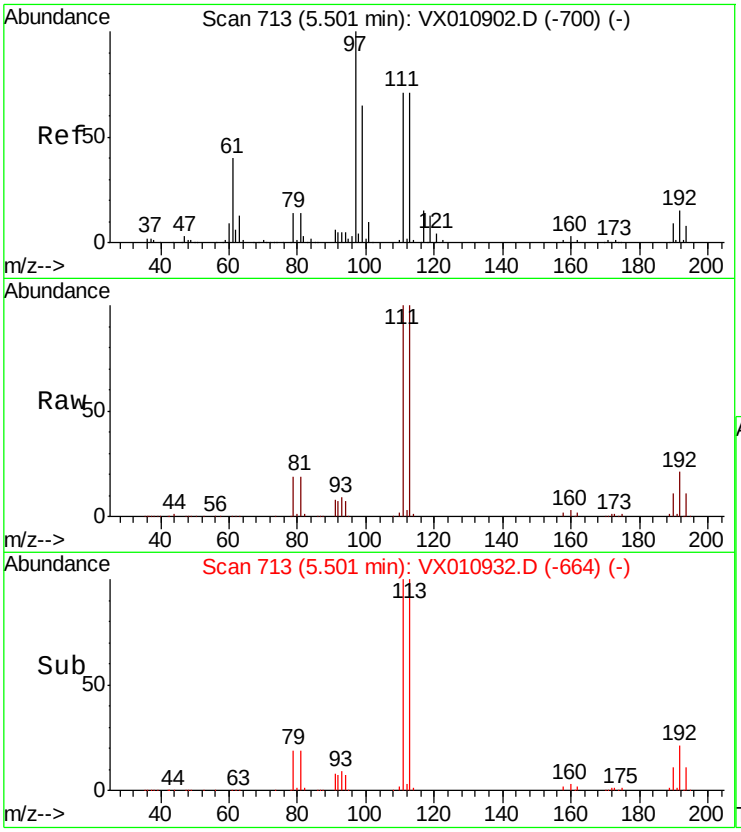


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:114 Resp: 356969

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.6
88	14.3	0.0	29.8



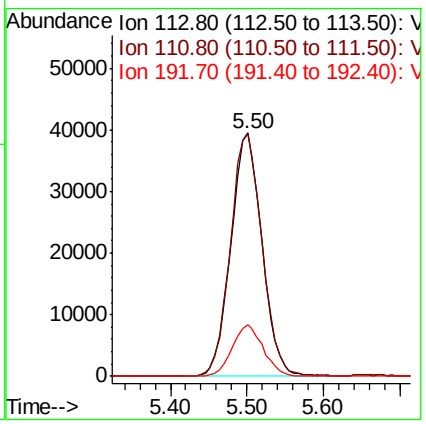


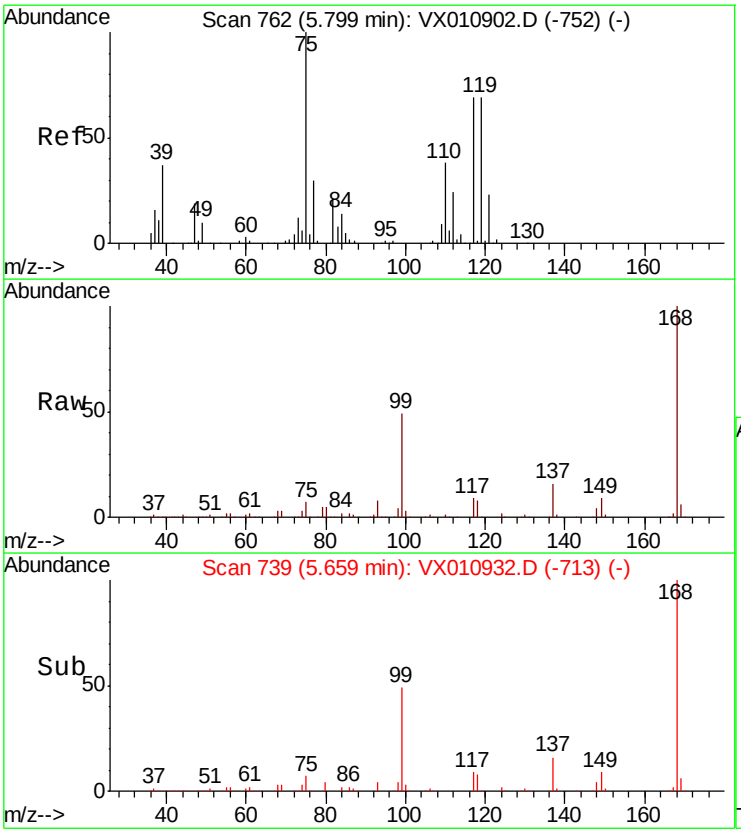
#35
Dibromofluoromethane
Concen: 49.044 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:113 Resp: 111121

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	21.2	17.4	26.2

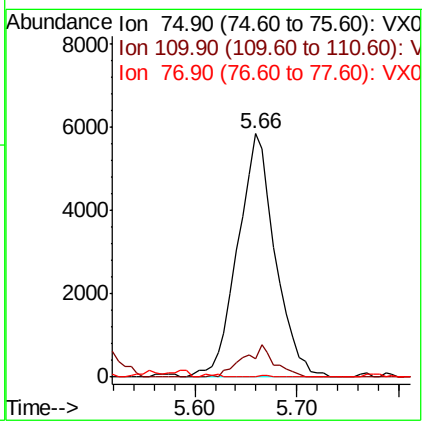


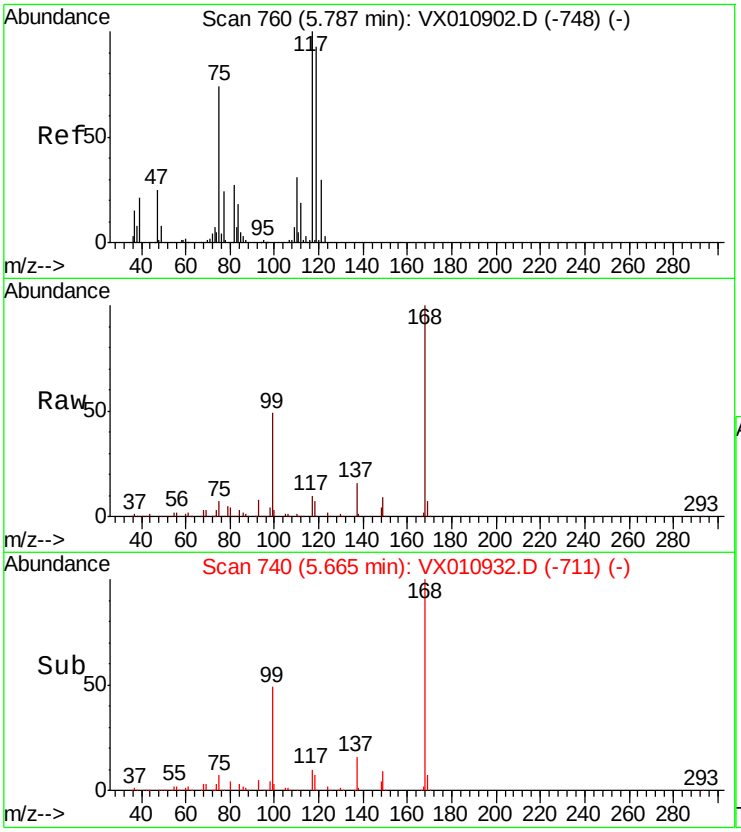


#36
1,1-Dichloropropene
Concen: 5.086 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 75 Resp: 14913

Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.9	59.7#
77	0.3	25.0	37.4#



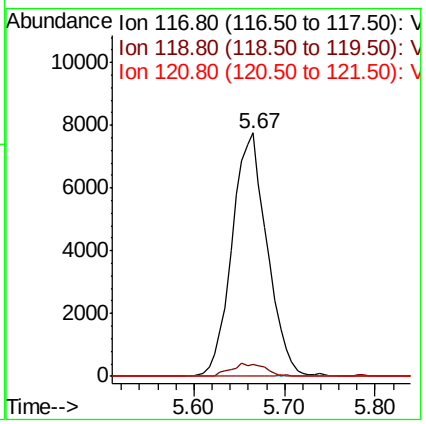


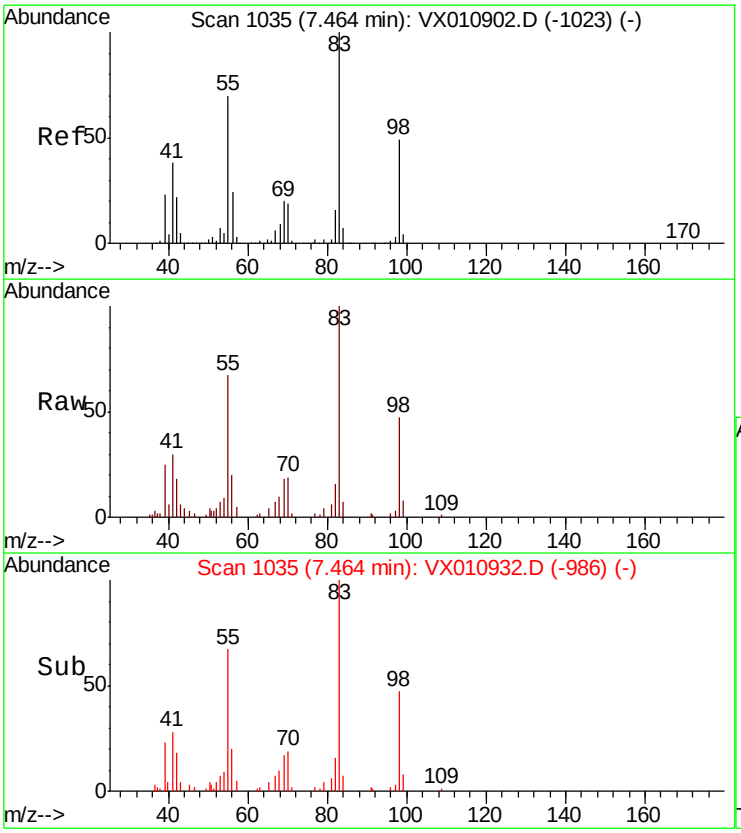
#38
Carbon Tetrachloride
Concen: 6.814 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:117 Resp: 20819

Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.2	111.2#
121	0.0	24.2	36.2#

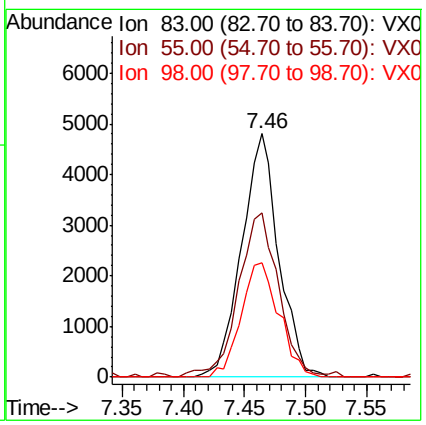


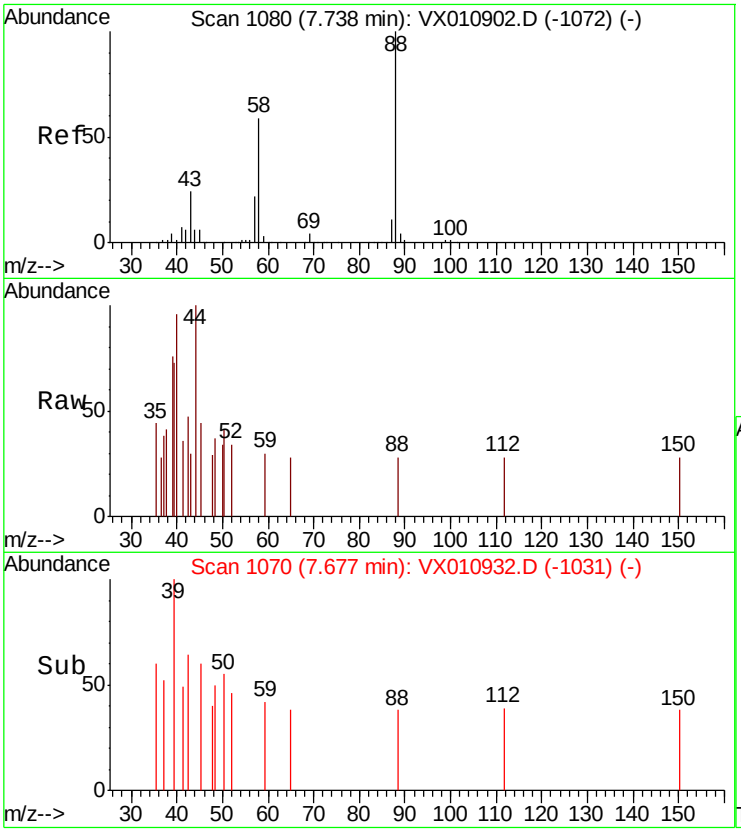


#39
Methylcyclohexane
Concen: 2.660 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 83 Resp: 10113

Ion	Ratio	Lower	Upper
83	100		
55	65.6	56.2	84.4
98	46.9	39.0	58.4



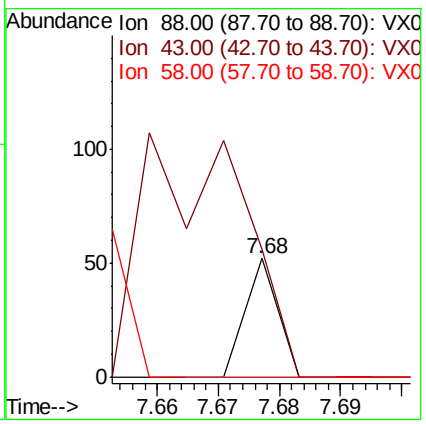


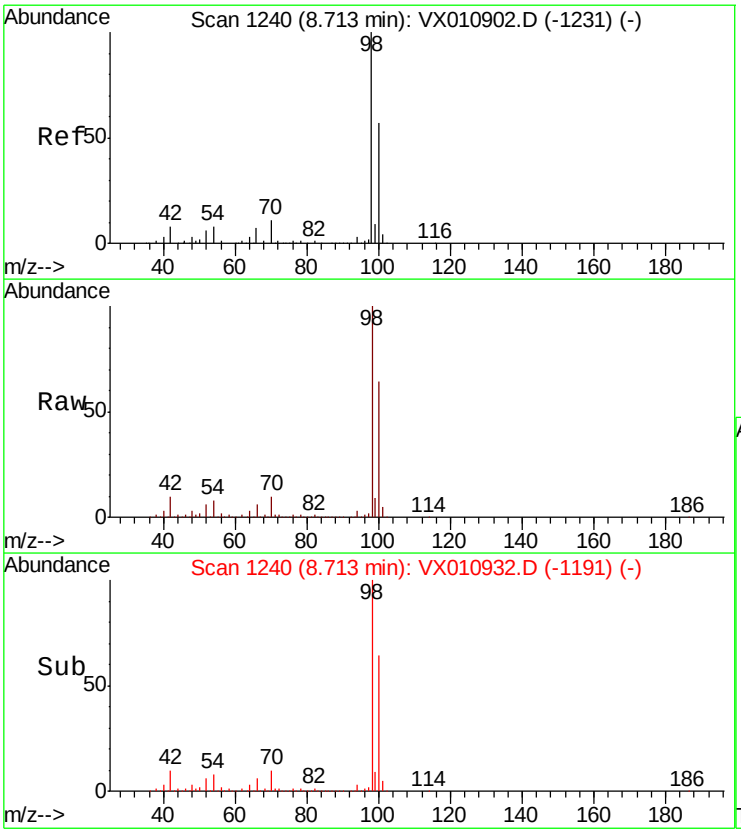
#49
1,4-Dioxane
Concen: 0.282 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.06 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	636.8	22.9	34.3#
58	0.0	49.8	74.8#

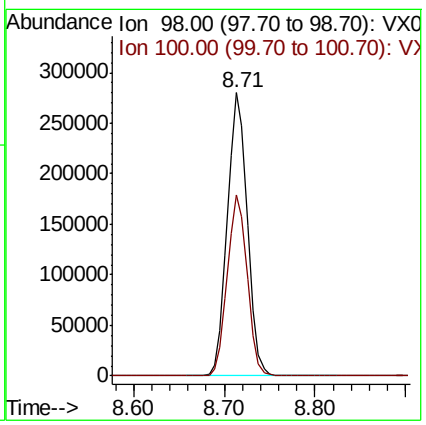


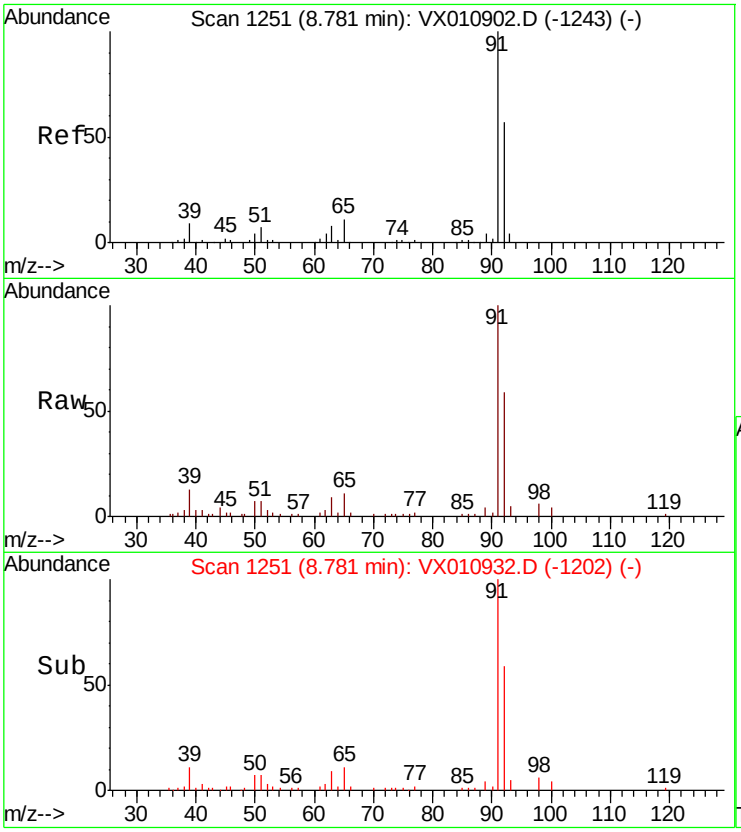


#50
Toluene-d8
Concen: 50.364 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 98 Resp: 427999

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.6	75.8



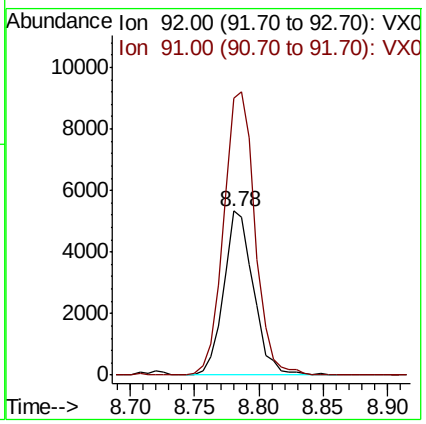


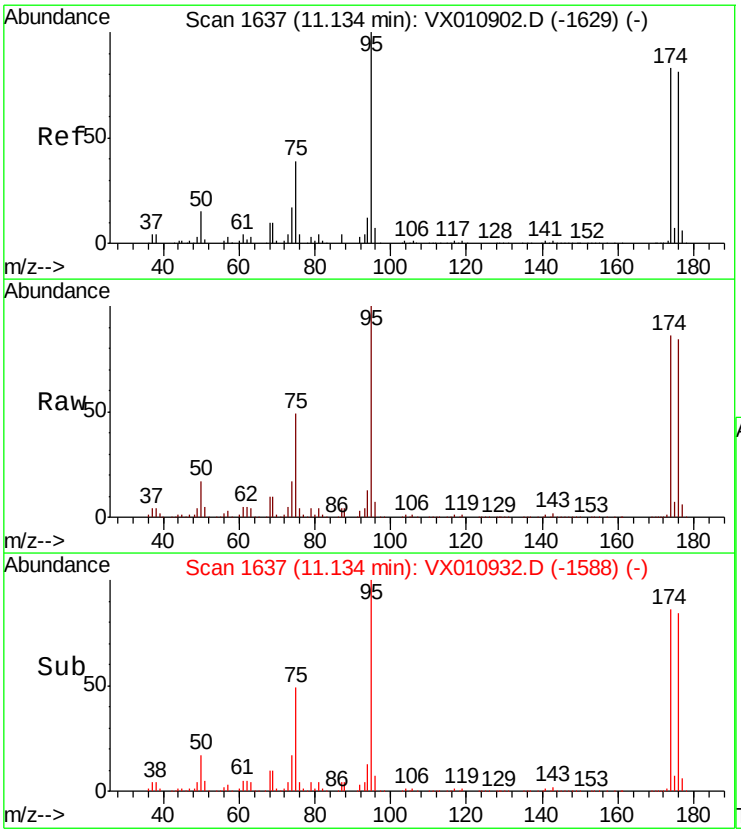
#52
Toluene
Concen: 1.464 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion: 92 Resp: 8637

Ion	Ratio	Lower	Upper
92	100		
91	180.9	139.4	209.0

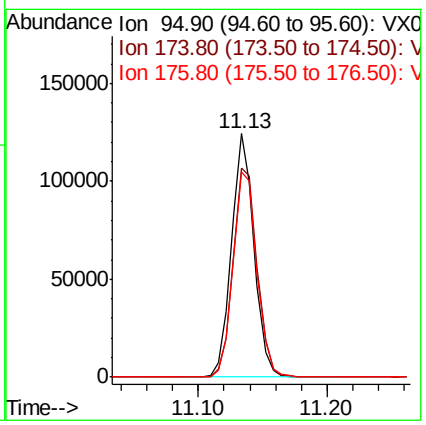


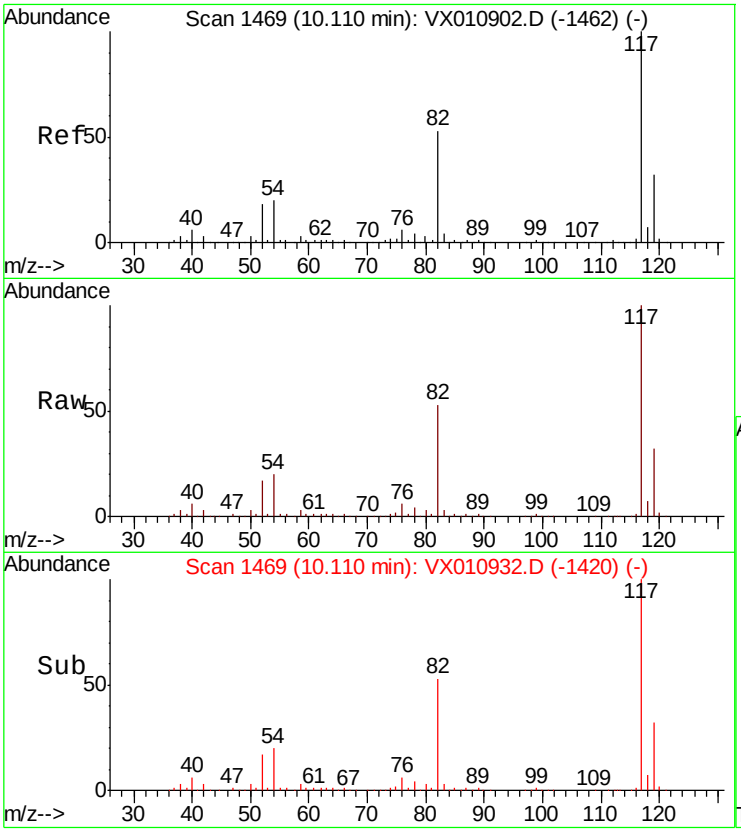


#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 95 Resp: 151911

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	180.6
176	89.0	0.0	173.8



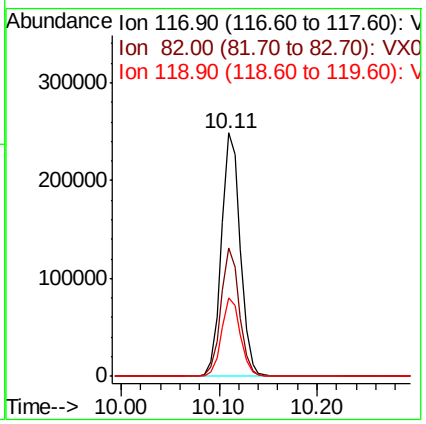


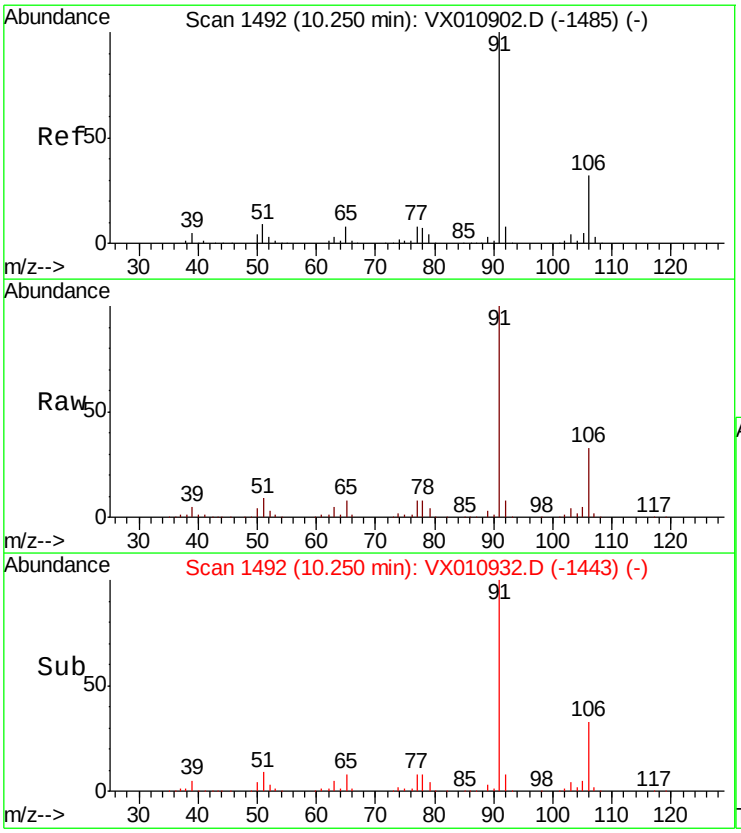
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Tgt Ion:117 Resp: 332124

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	32.2	25.9	38.9

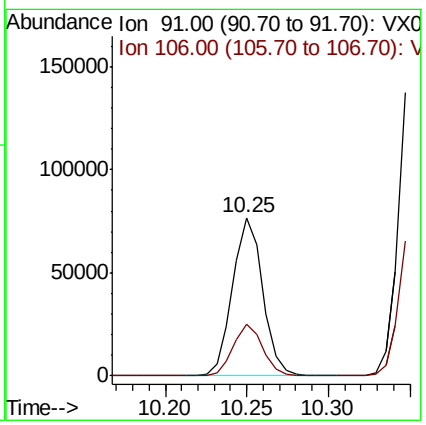


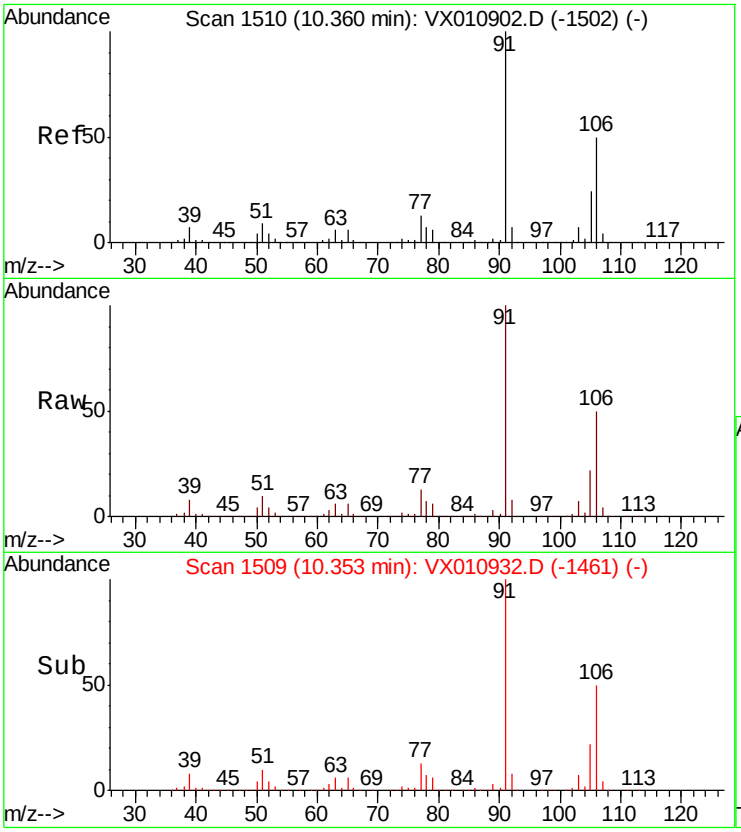


#67
Ethyl Benzene
Concen: 8.547 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 91 Resp: 99238

Ion	Ratio	Lower	Upper
91	100		
106	33.0	25.4	38.2



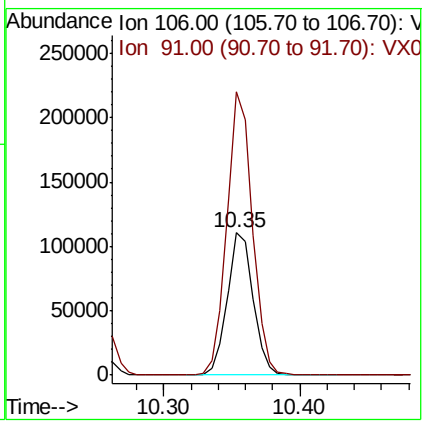


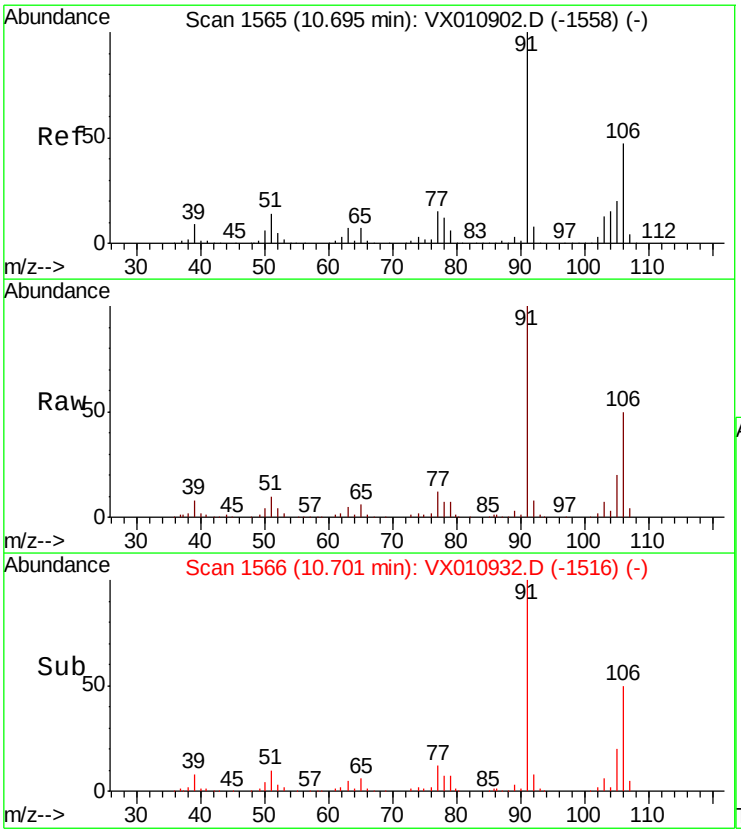
#68
m/p-Xylenes
Concen: 32.771 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:106 Resp: 145959

Ion	Ratio	Lower	Upper
106	100		
91	196.5	160.1	240.1

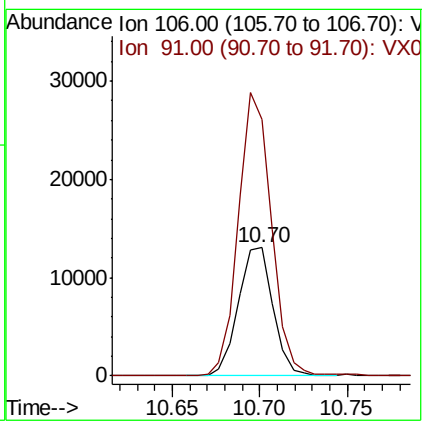


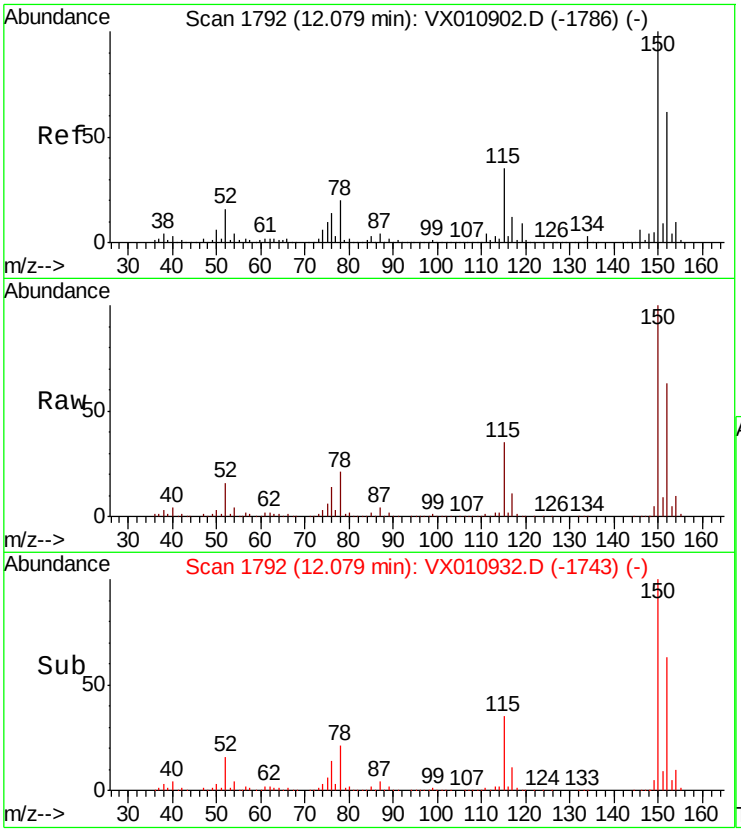


#69
o-Xylene
Concen: 4.159 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:106 Resp: 18080

Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.1	315.3



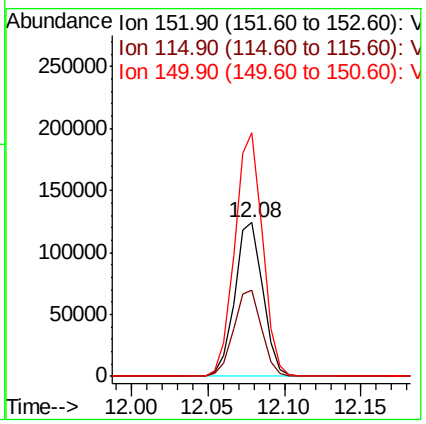


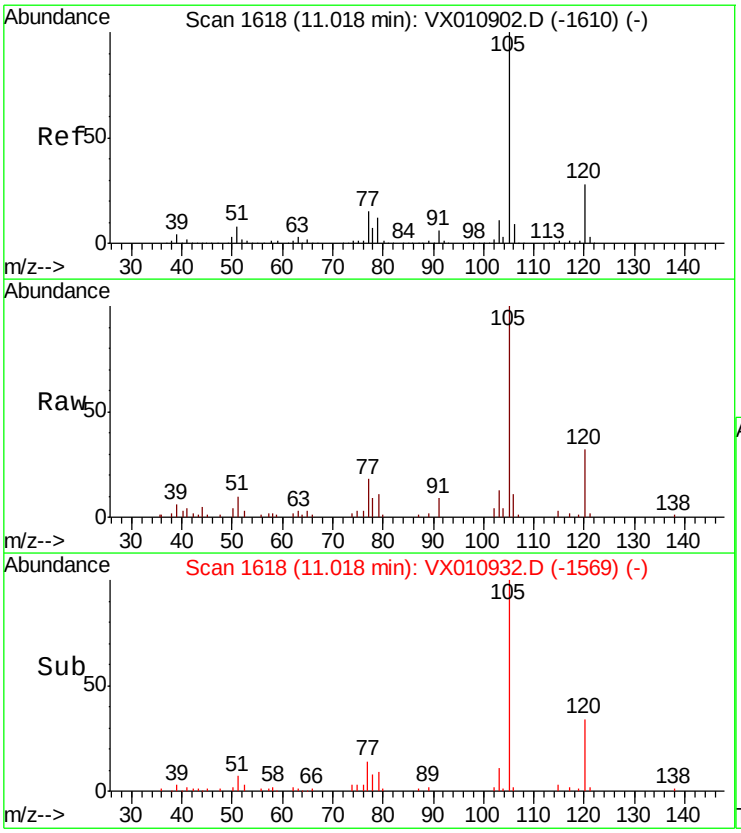
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:152 Resp: 157609

Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.7	119.1
150	156.6	0.0	345.6

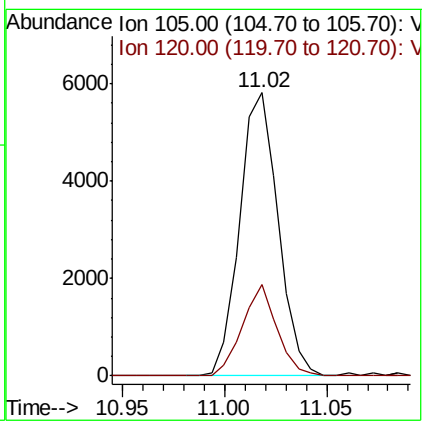


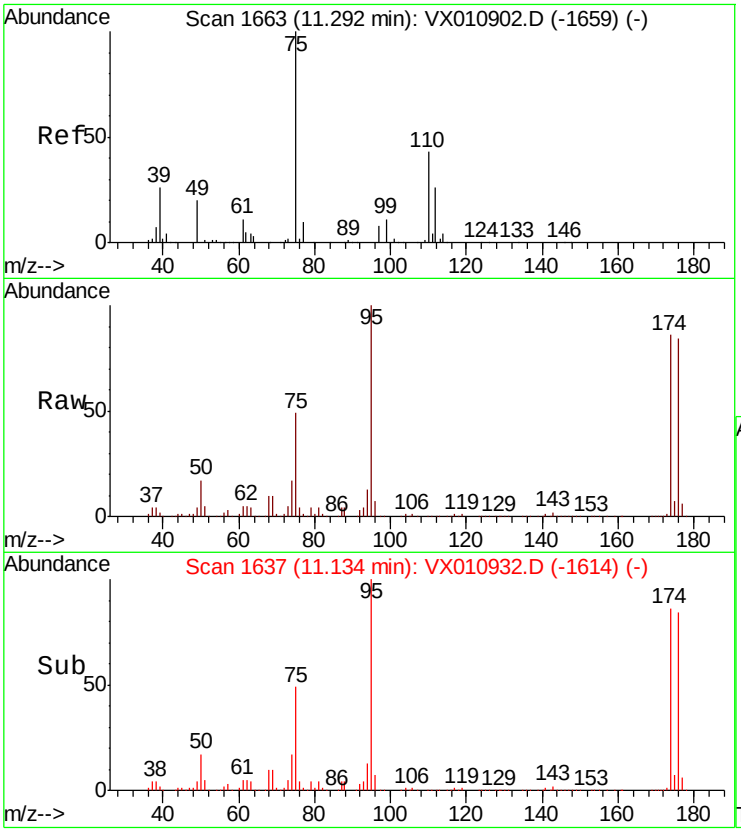


#73
Isopropylbenzene
Concen: 0.713 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:105 Resp: 7595

Ion	Ratio	Lower	Upper
105	100		
120	29.2	13.7	41.1



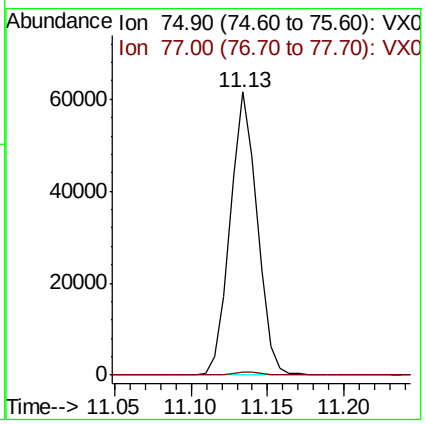


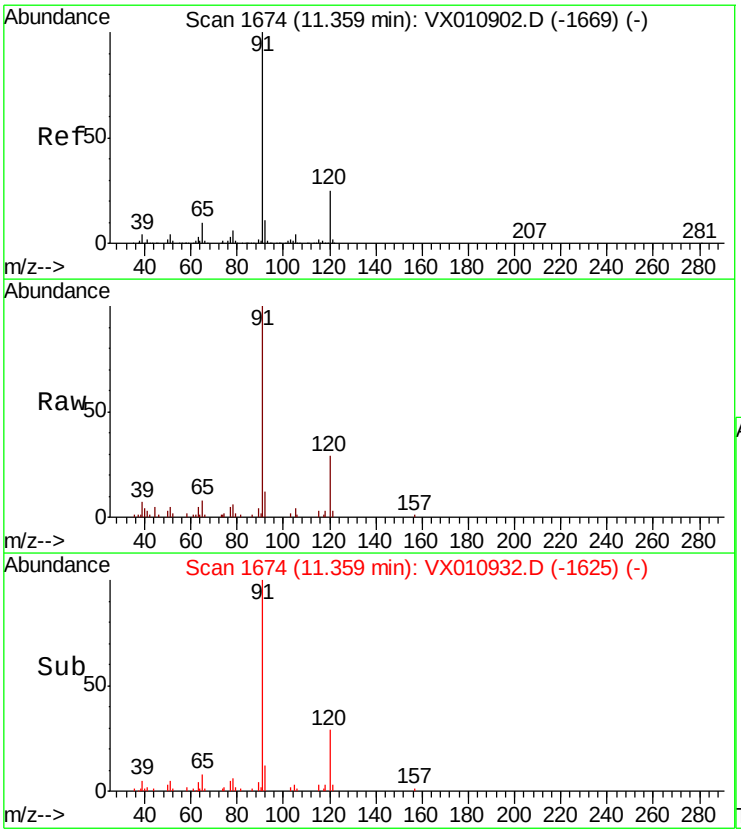
#76
1,2,3-Trichloropropane
Concen: 26.521 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion: 75 Resp: 75430

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.3	64.0#

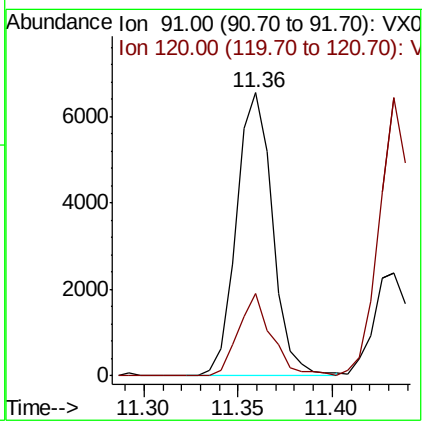


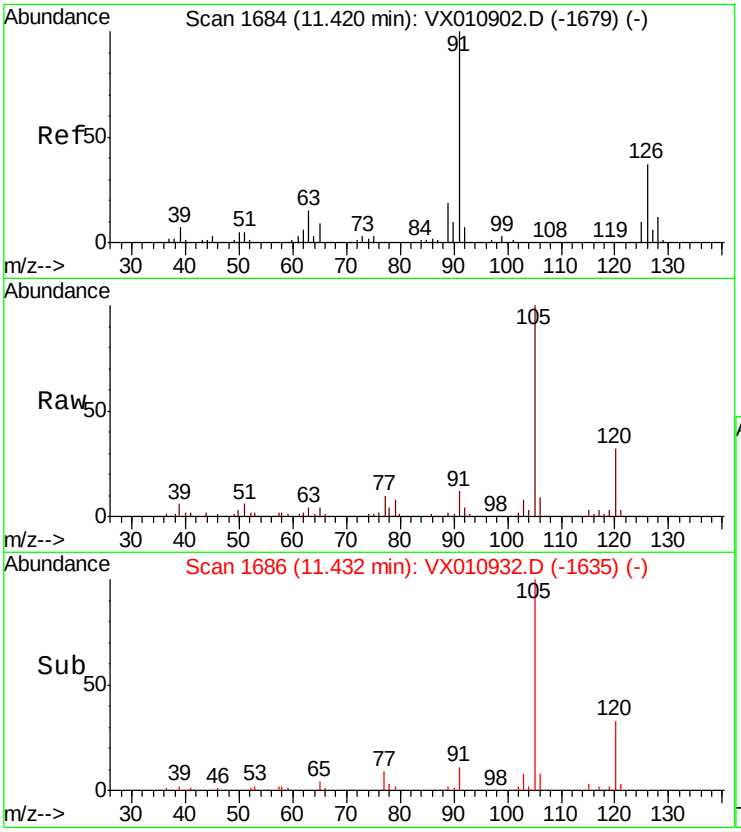


#78
n-propylbenzene
Concen: 0.739 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 91 Resp: 8695

Ion	Ratio	Lower	Upper
91	100		
120	26.7	12.3	36.8



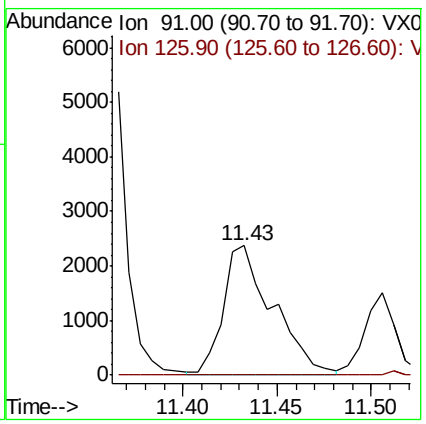


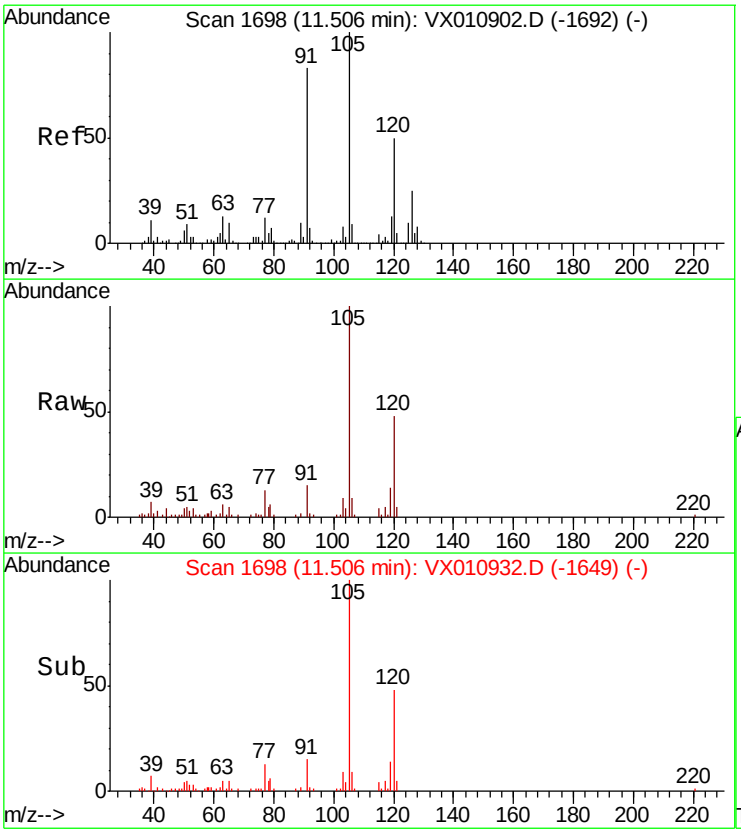
#79
2-Chlorotoluene
Concen: 0.617 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Tgt Ion: 91 Resp: 4362

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.0	54.0#

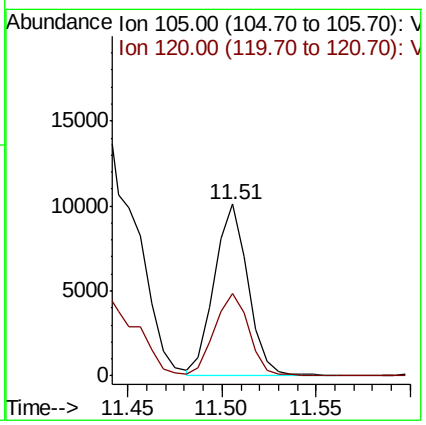


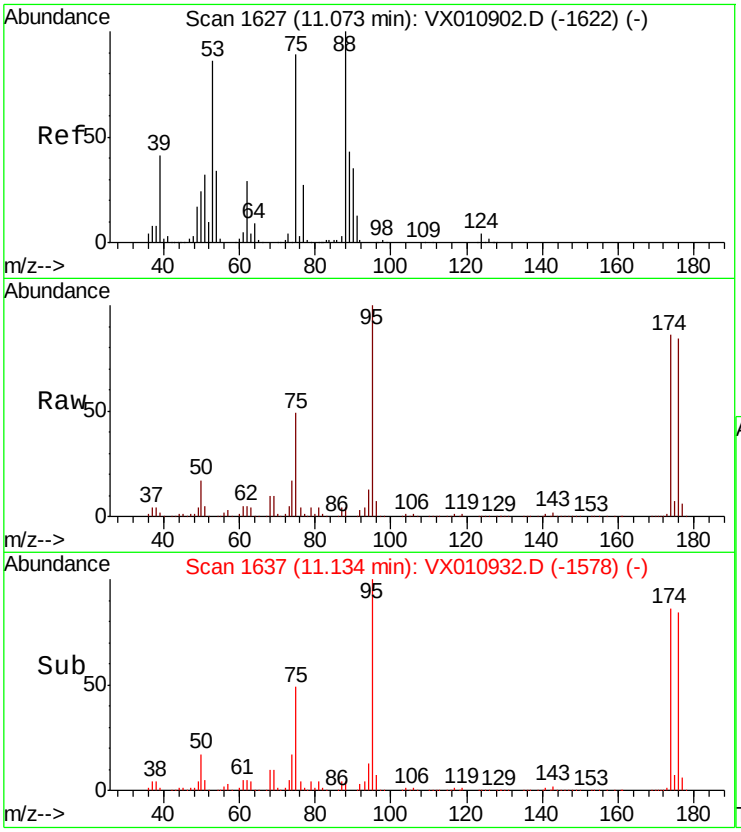


#80
1,3,5-Trimethylbenzene
Concen: 1.420 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:105 Resp: 12638

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.6	73.8



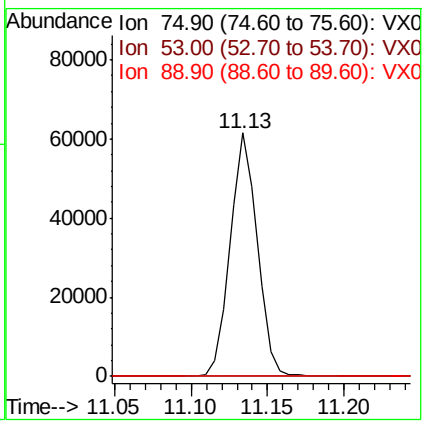


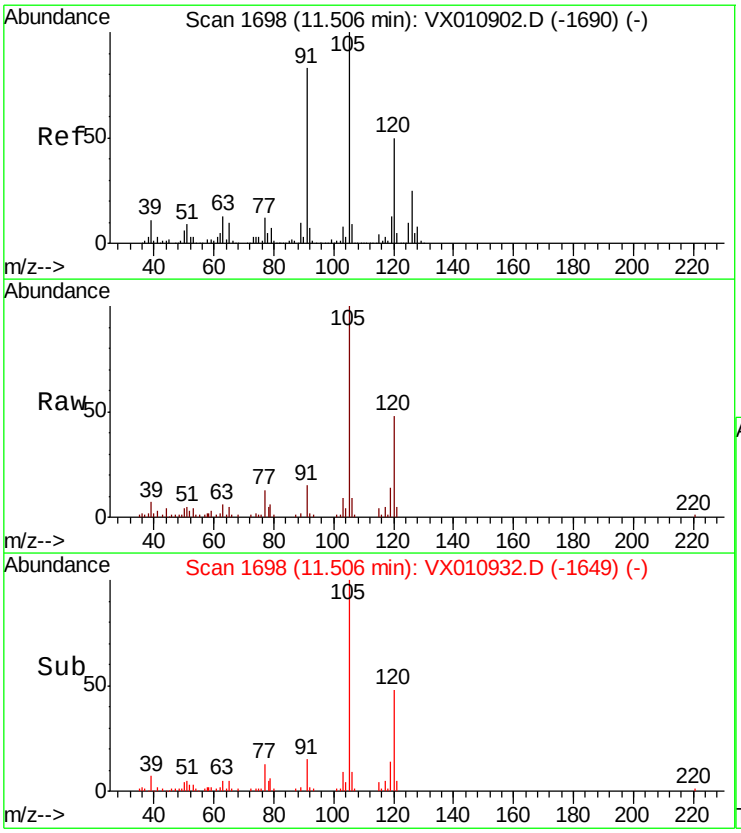
#81
trans-1,4-Dichloro-2-butene
Concen: 65.824 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion: 75 Resp: 75430

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.5	57.7#

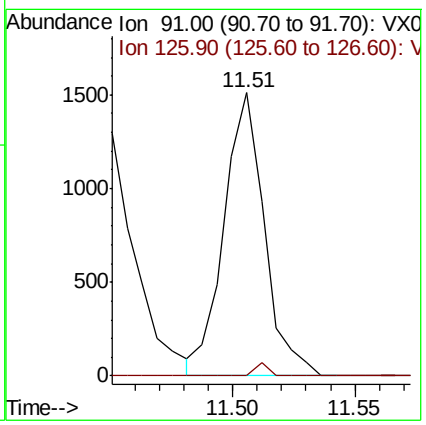


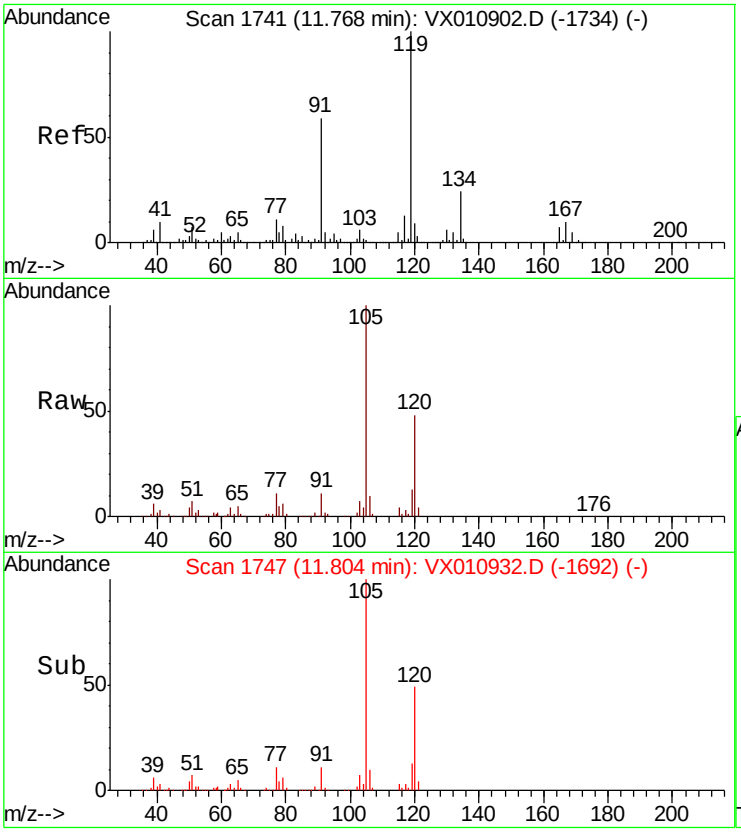


#82
4-Chlorotoluene
Concen: 0.211 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion: 91 Resp: 1736

Ion	Ratio	Lower	Upper
91	100		
126	1.5	15.9	47.7#



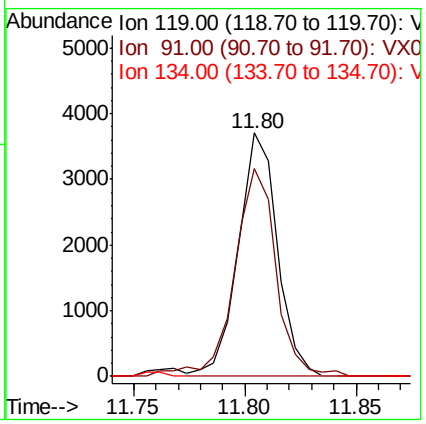


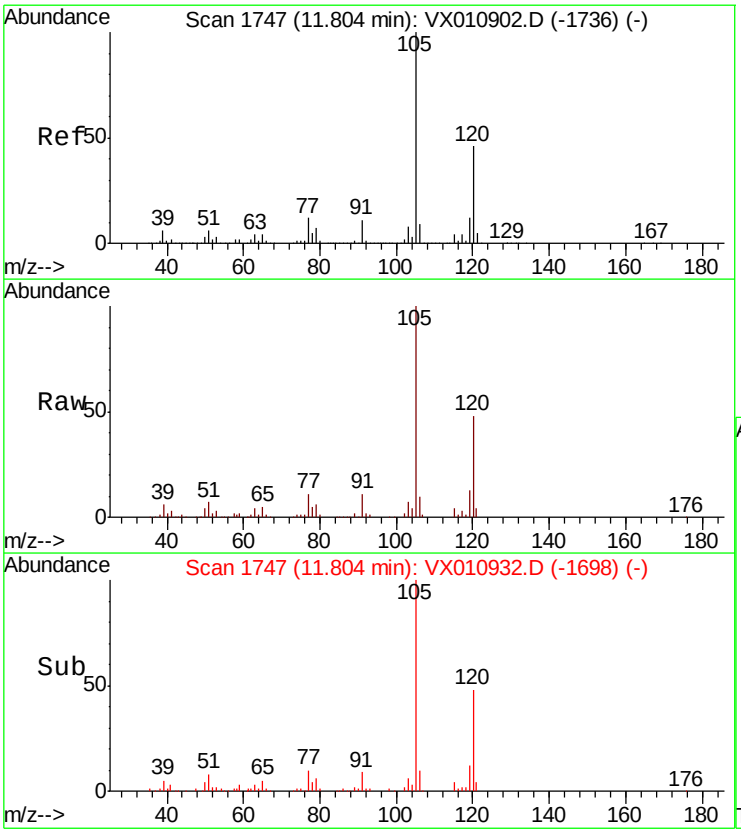
#83
tert-Butylbenzene
Concen: 0.519 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:119 Resp: 4539

Ion	Ratio	Lower	Upper
119	100		
91	91.2	28.6	85.8#
134	0.0	11.6	34.8#

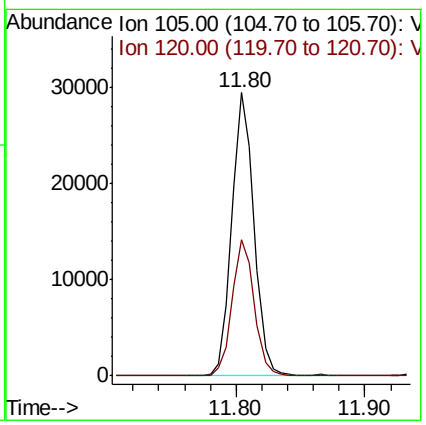


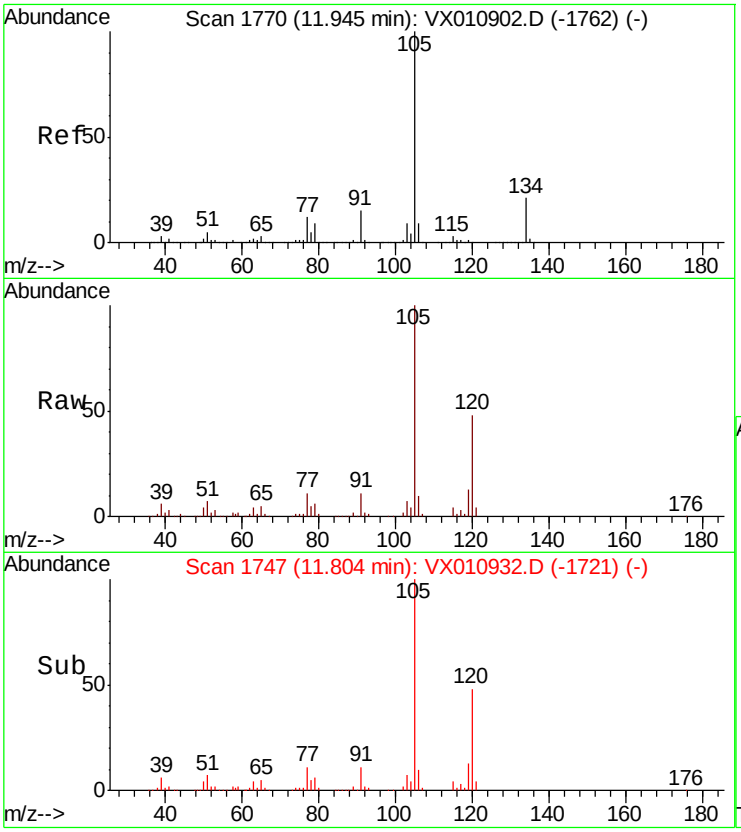


#84
1,2,4-Trimethylbenzene
Concen: 3.975 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:105 Resp: 35652

Ion	Ratio	Lower	Upper
105	100		
120	48.0	22.9	68.5



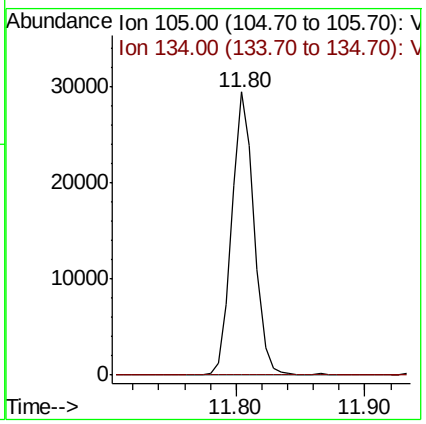


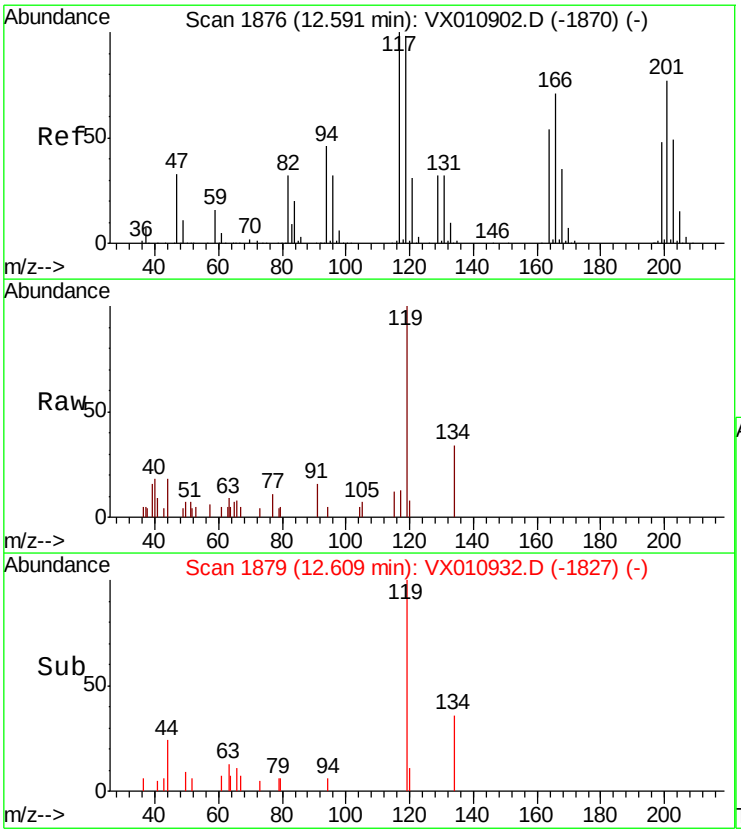
#85
sec-Butylbenzene
Concen: 3.481 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument : MSVOA_X
ClientSampleId : FL-0611DL

Tgt Ion:105 Resp: 35652

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.4#

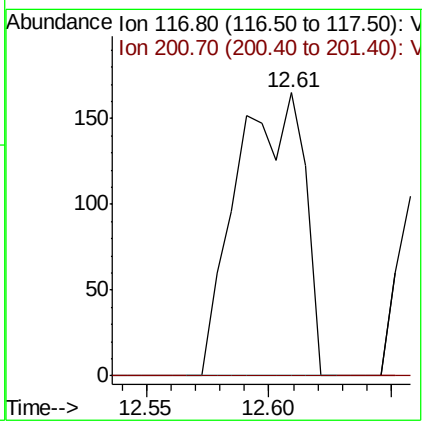


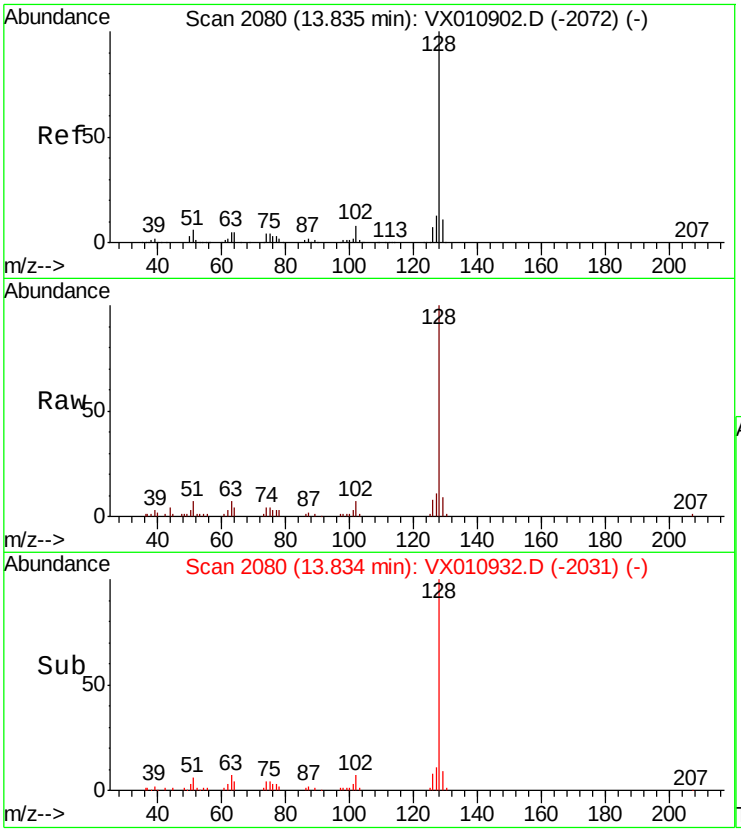


#90
Hexachloroethane
Concen: 0.213 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.02 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Tgt Ion:117 Resp: 318

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.3	129.8#





#95
Naphthalene
Concen: 1.288 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010932.D
Acq: 17 Jul 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0611DL

Tgt Ion:128 Resp: 13026

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.4	8.9	13.3