Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062819\
Data File : VX010541.D
Acq On : 28 Jun 2019 17:44
Operator : JC/SP
Sample : K3565-11DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Quant Time: Jun 29 04:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	243913	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	375359	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	345890	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166252	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	116939	51.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.26%				
35) Dibromofluoromethane	5.50	113	113505	49.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.84%				
50) Toluene-d8	8.71	98	446499	50.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.64%				
62) 4-Bromofluorobenzene	11.13	95	154722	48.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.56%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	479	0.243	ug/l		96
5) Bromomethane	1.65	94	536	0.509	ug/l	#	50
11) Tert butyl alcohol	3.02	59	11380	19.017	ug/l	#	76
13) Acrolein	2.28	56	80	0.202	ug/l	#	14
16) Acetone	2.44	43	902	0.787	ug/l		92
25) 2-Butanone	4.69	43	404	0.240	ug/l	#	66
26) 2,2-Dichloropropane	4.68	77	880	0.279	ug/l	#	49
31) Cyclohexane	5.59	56	5325	1.612	ug/l		88
36) 1,1-Dichloropropene	5.67	75	15204	5.097	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	21593	6.685	ug/l	#	14
39) Methylcyclohexane	7.47	83	6343	1.618	ug/l		91
49) 1,4-Dioxane	7.73	88	40	0.588	ug/l	#	1
52) Toluene	8.78	92	2327	0.380	ug/l		98
67) Ethyl Benzene	10.25	91	617680	52.103	ug/l		100
68) m/p-Xylenes	10.36	106	696895	151.712	ug/l		100
69) o-Xylene	10.69	106	194157	42.981	ug/l		100
70) Styrene	10.69	104	9656	1.275	ug/l	#	1
73) Isopropylbenzene	11.02	105	68385	6.068	ug/l		98
76) 1,2,3-Trichloropropane	11.43	75	2344	0.774	ug/l	#	1
78) n-propylbenzene	11.36	91	64173	5.181	ug/l		100
79) 2-Chlorotoluene	11.43	91	26534	3.598	ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.51	105	95205	10.247	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.13	75	74834	57.626	ug/l	#	16
82) 4-Chlorotoluene	11.51	91	10011	1.193	ug/l	#	42
83) tert-Butylbenzene	11.80	119	30786	3.301	ug/l	#	63
84) 1,2,4-Trimethylbenzene	11.80	105	241771	25.902	ug/l		97
85) sec-Butylbenzene	11.80	105	241771	22.082	ug/l	#	55
86) p-Isopropyltoluene	12.02	119	5610	0.554	ug/l		96
89) n-Butylbenzene	12.37	91	1824	0.212	ug/l	#	1
90) Hexachloroethane	12.58	117	1188	0.678	ug/l	#	5
95) Naphthalene	13.83	128	106639	9.166	ug/l		99

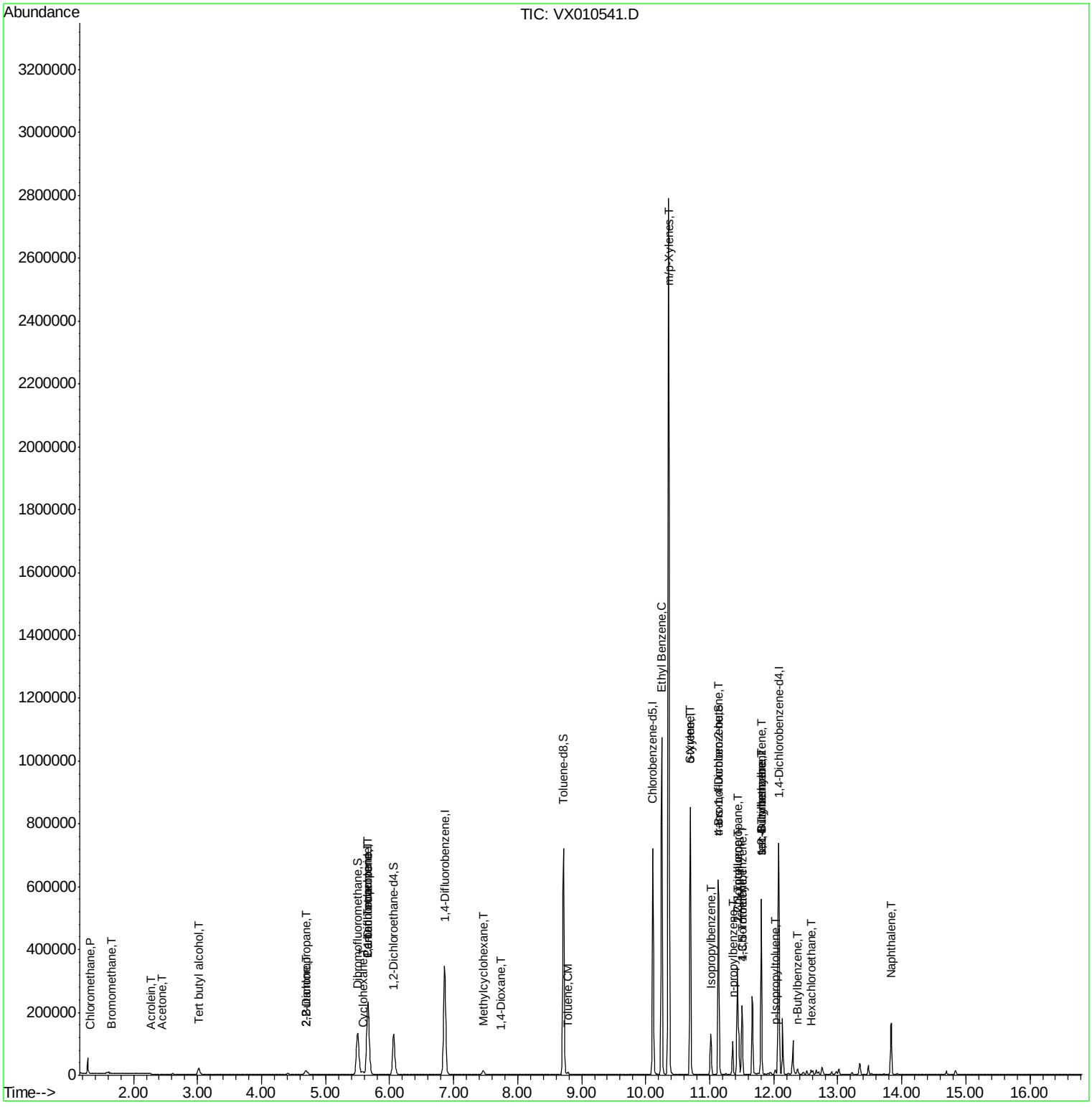
(#) = qualifier out of range (m) = manual integration (+) = signals summed

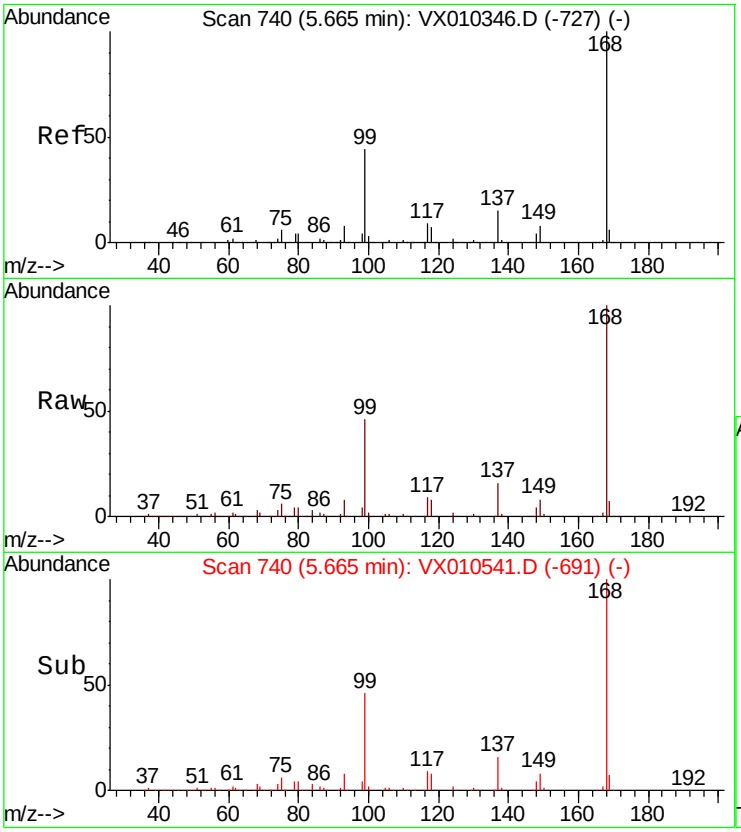
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010541.D
Acq On : 28 Jun 2019 17:44
Operator : JC/SP
Sample : K3565-11DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Quant Time: Jun 29 04:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



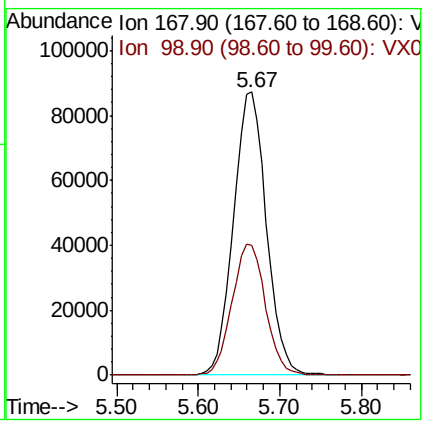


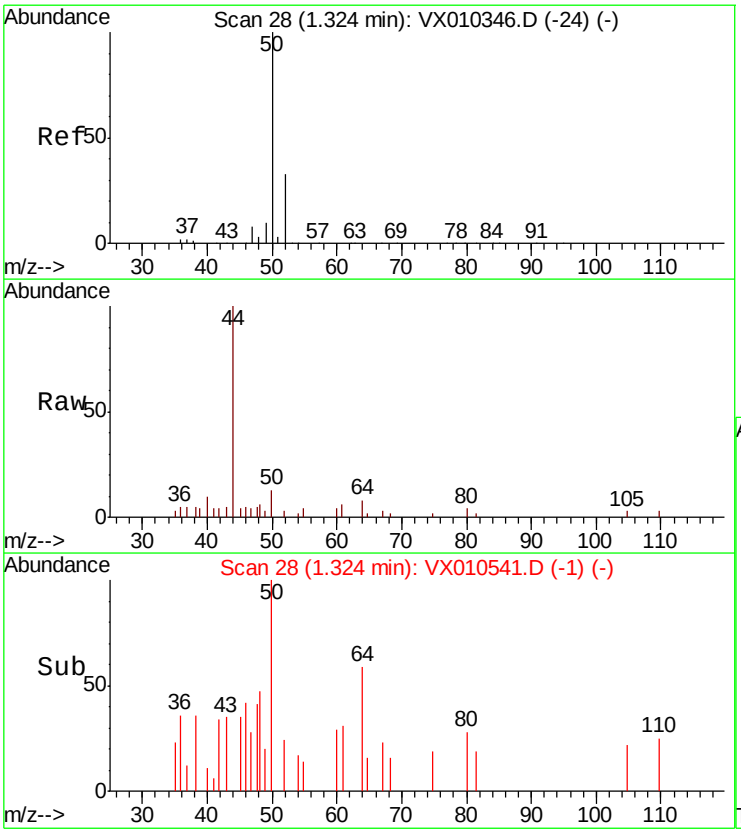
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion:168 Resp: 243913

Ion	Ratio	Lower	Upper
168	100		
99	45.7	35.5	53.3

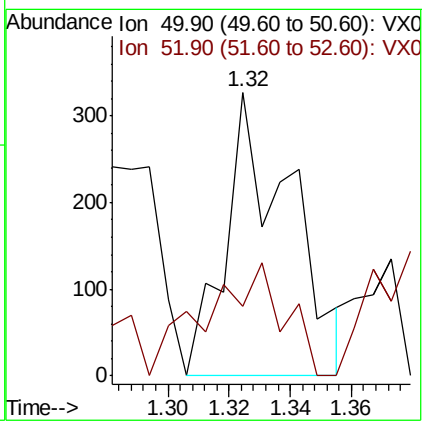


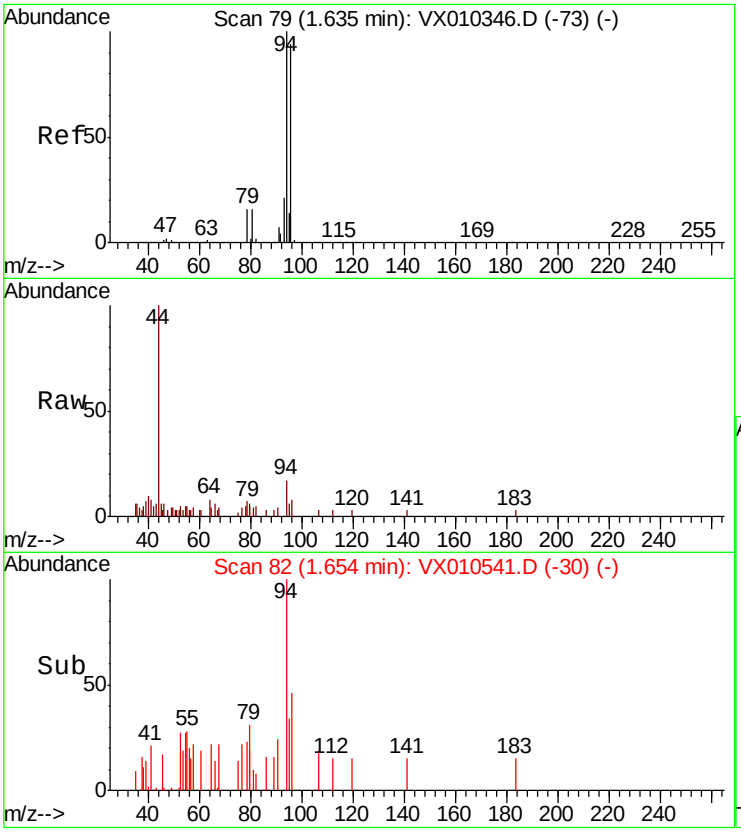


#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 50 Resp: 479

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.5	39.7



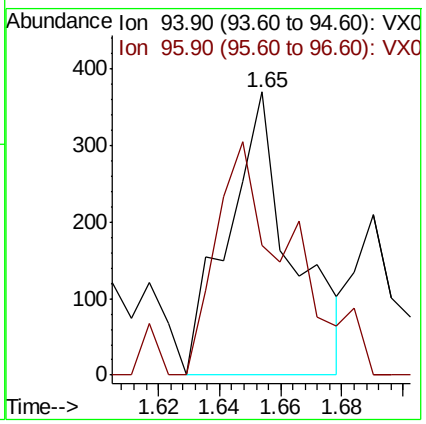


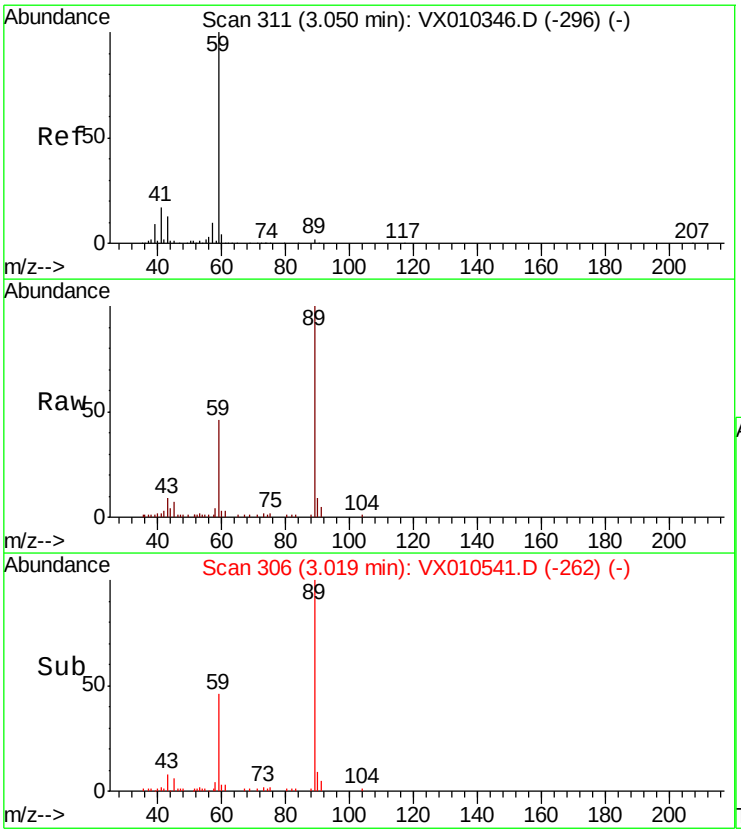
#5
Bromomethane
Concen: 0.509 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 94 Resp: 536

Ion	Ratio	Lower	Upper
94	100		
96	45.9	75.5	113.3#

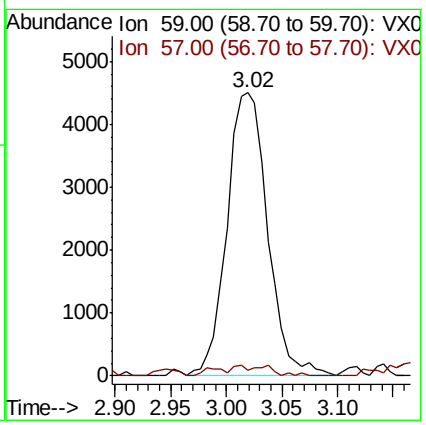


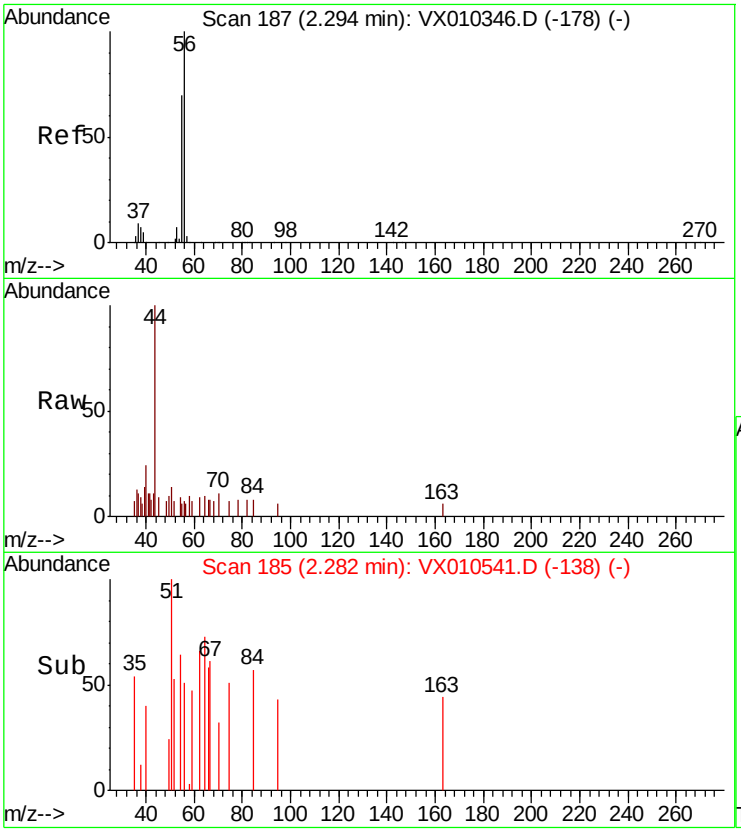


#11
Tert butyl alcohol
Concen: 19.017 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 59 Resp: 11380

Ion	Ratio	Lower	Upper
59	100		
57	0.9	7.7	11.5#



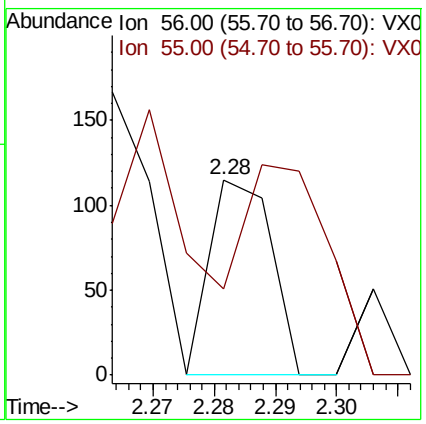


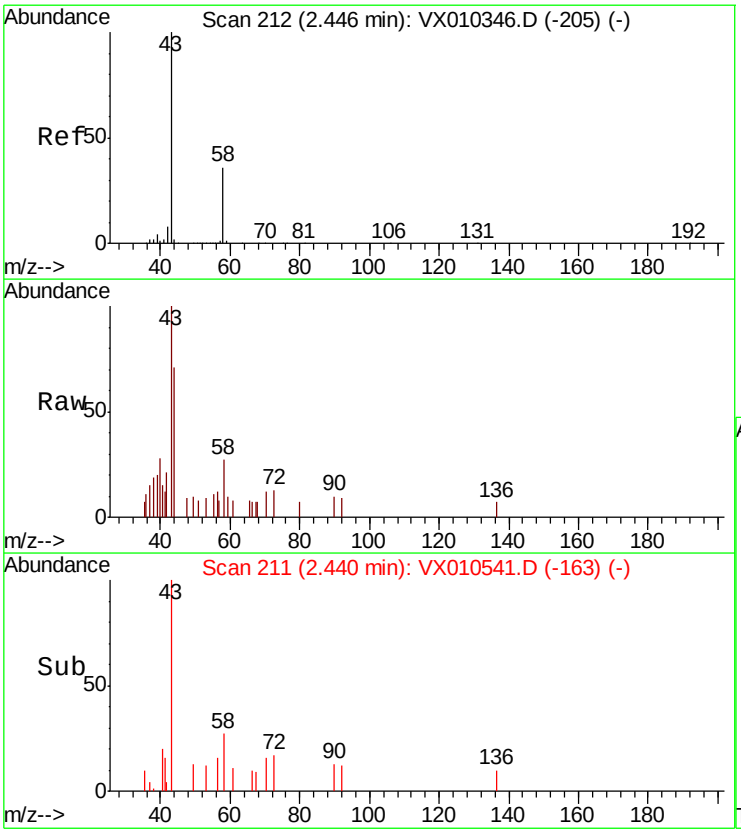
#13
Acrolein
Concen: 0.202 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 56 Resp: 80

Ion	Ratio	Lower	Upper
56	100		
55	142.5	56.9	85.3#

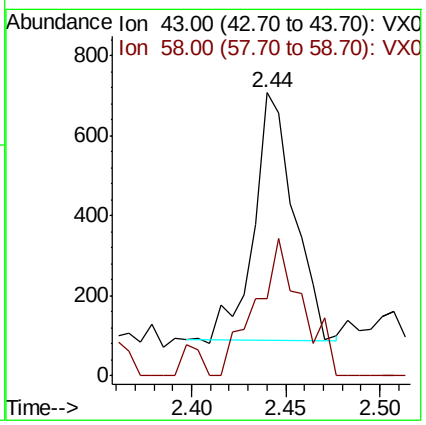


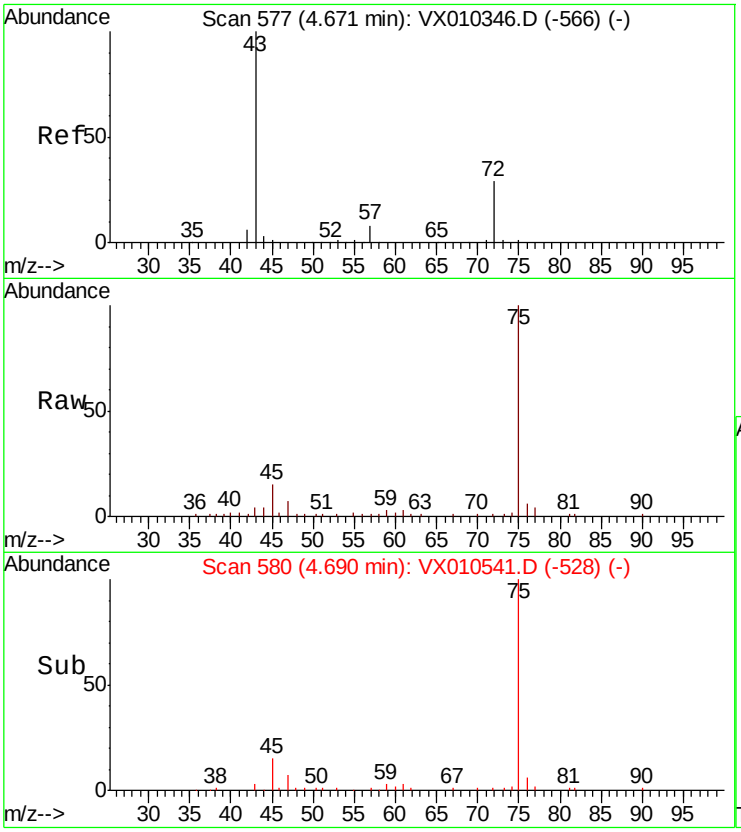


#16
Acetone
Concen: 0.787 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 43 Resp: 902

Ion	Ratio	Lower	Upper
43	100		
58	31.5	28.9	43.3



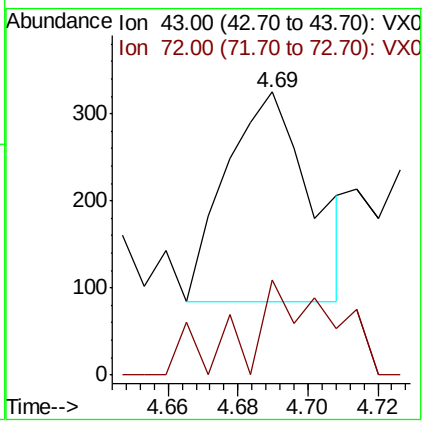


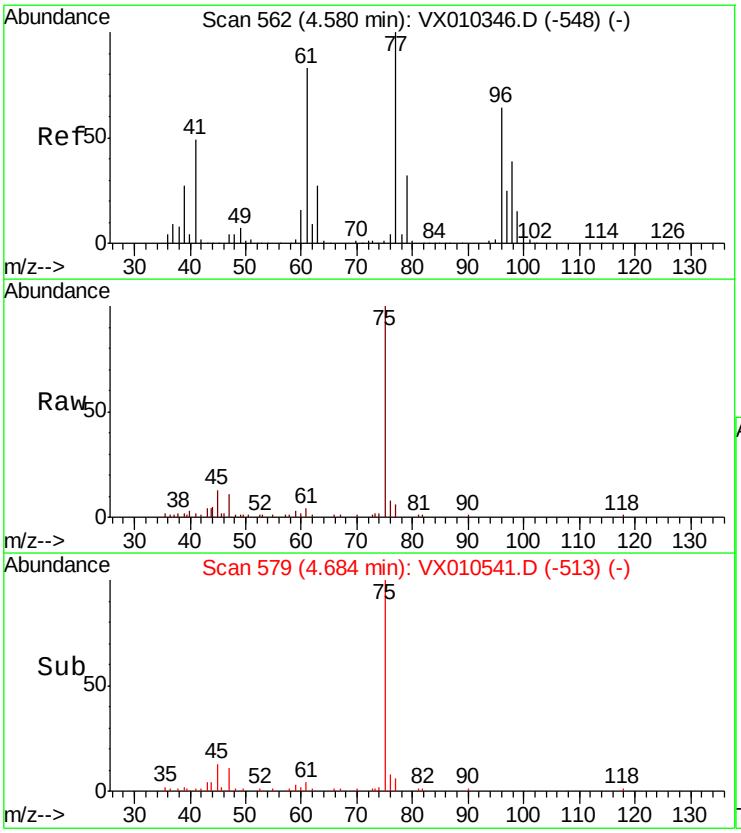
#25
2-Butanone
Concen: 0.240 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 43 Resp: 404

Ion	Ratio	Lower	Upper
43	100		
72	47.1	23.3	34.9#

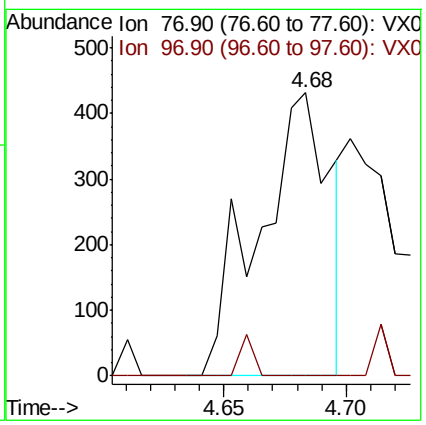


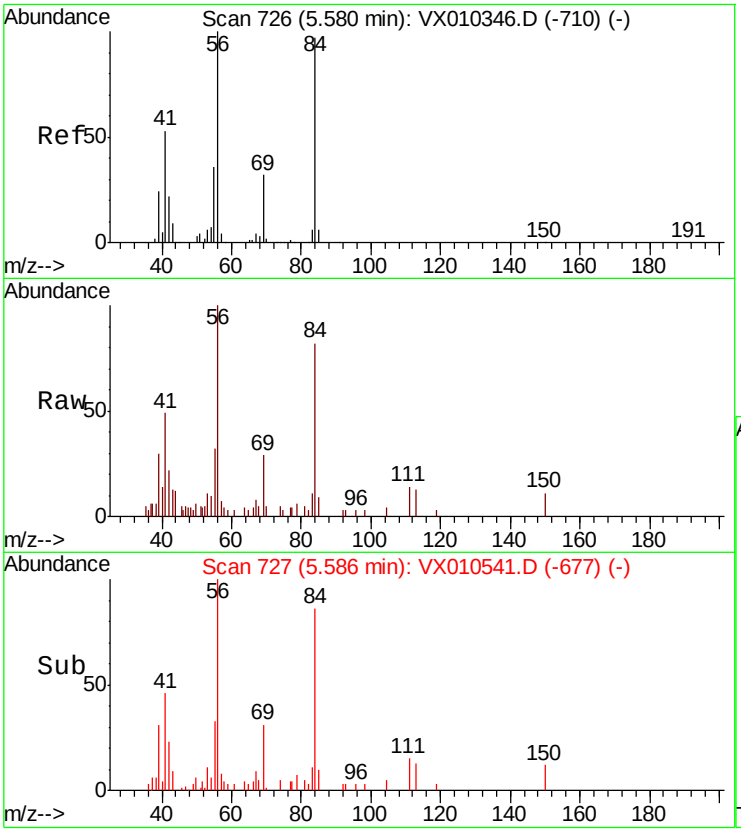


#26
2,2-Dichloropropane
Concen: 0.279 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.10 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 77 Resp: 880

Ion	Ratio	Lower	Upper
77	100		
97	0.0	13.1	39.3#



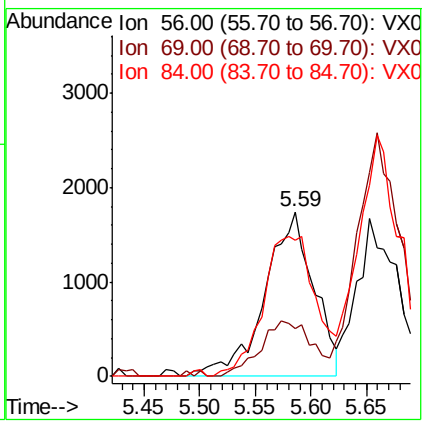


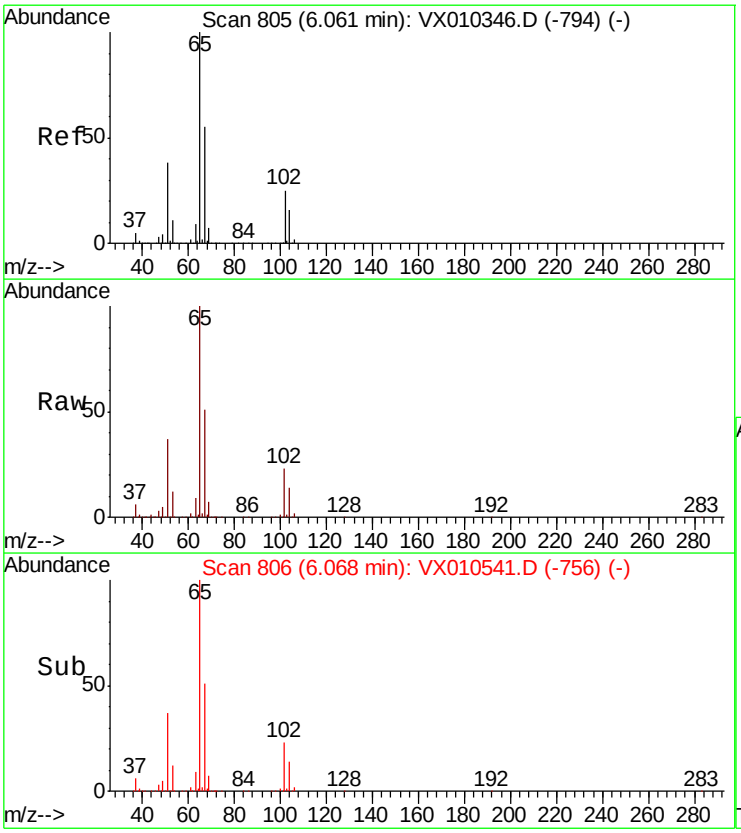
#31
Cyclohexane
Concen: 1.612 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 56 Resp: 5325

Ion	Ratio	Lower	Upper
56	100		
69	27.1	25.9	38.9
84	85.4	78.0	117.0

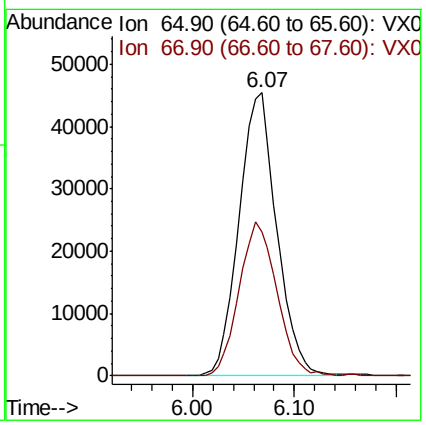


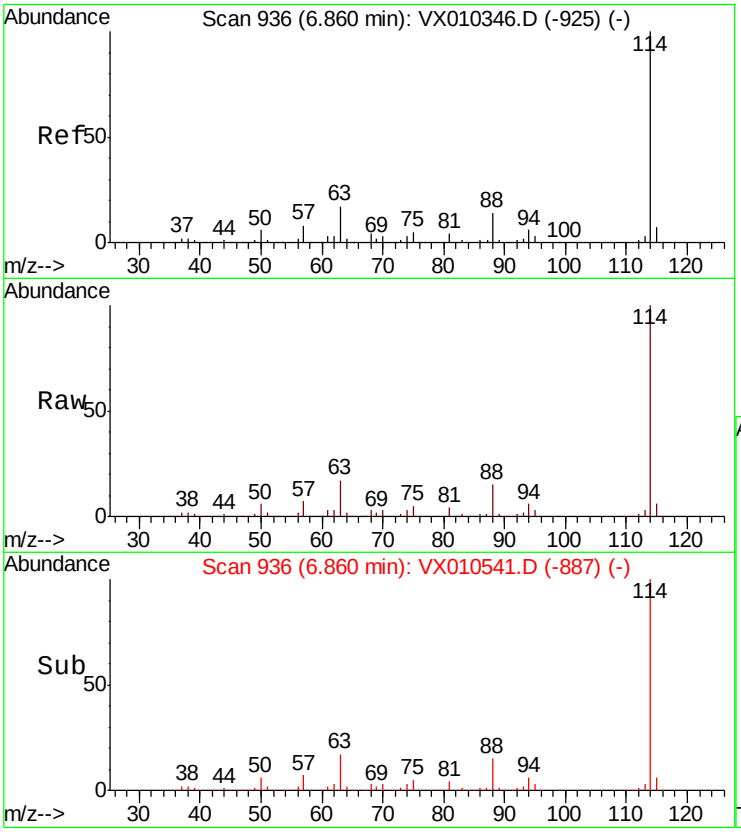


#33
1,2-Dichloroethane-d4
Concen: 51.134 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 65 Resp: 116939

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.2



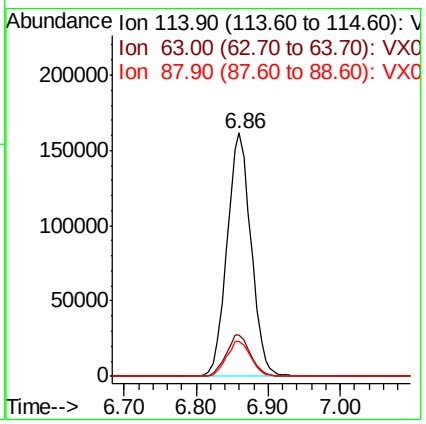


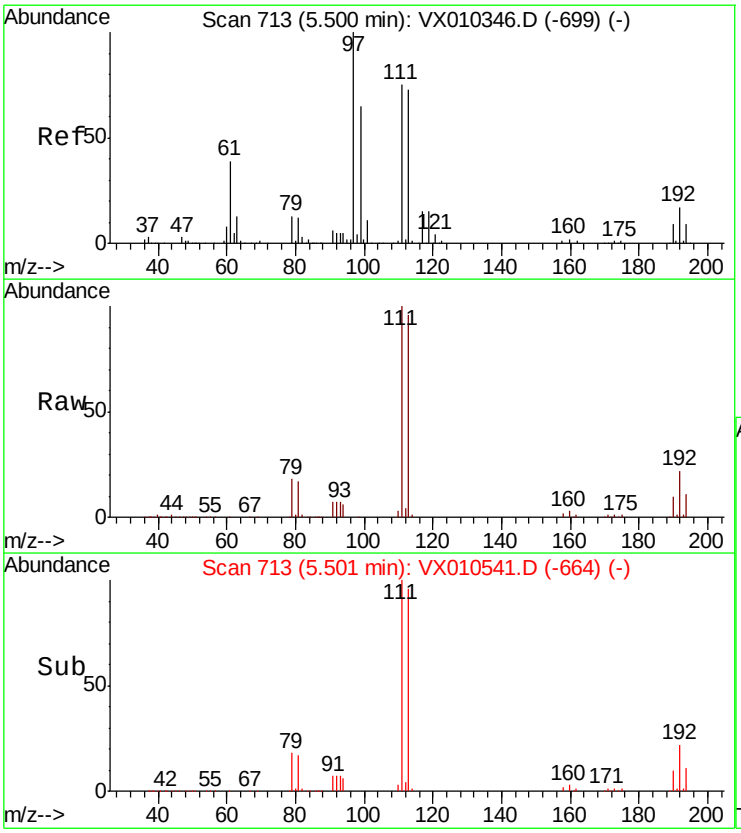
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion:114 Resp: 375359

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	33.8
88	14.5	0.0	27.6

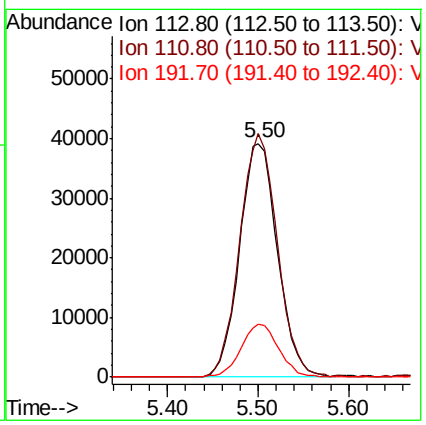


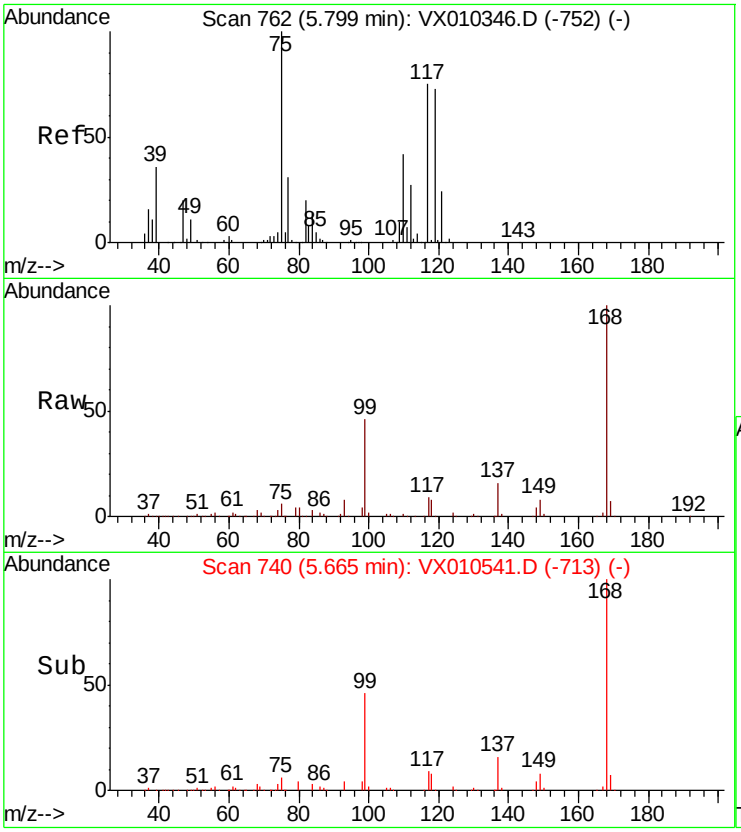


#35
Dibromofluoromethane
Concen: 49.423 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:113 Resp: 113505

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	22.5	18.6	27.8



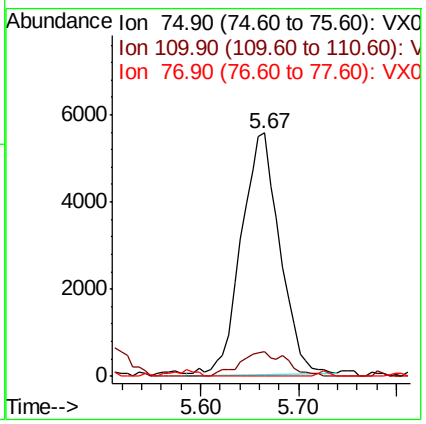


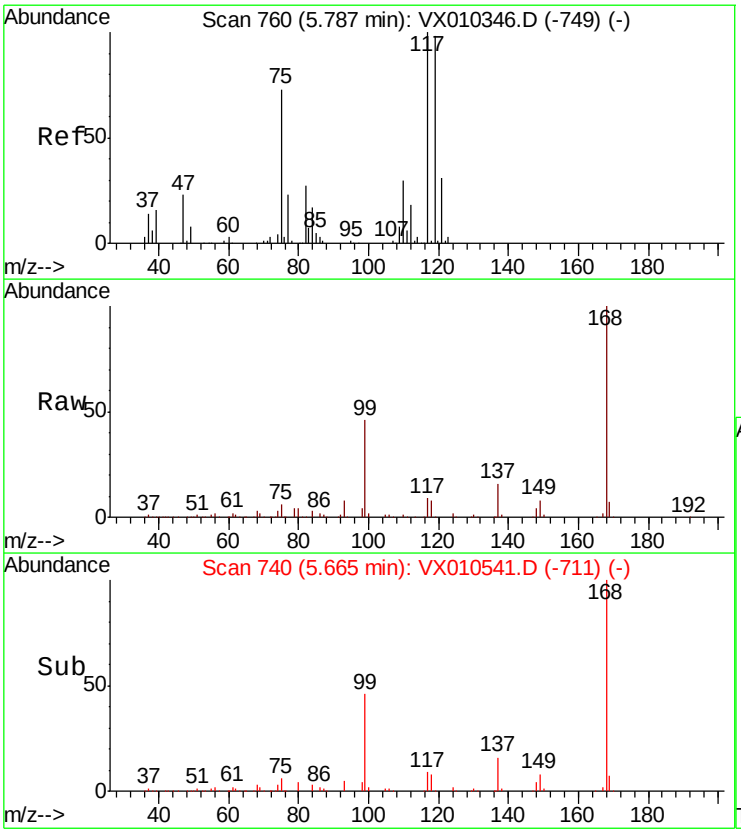
#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 75 Resp: 15204

Ion	Ratio	Lower	Upper
75	100		
110	12.2	20.8	62.2#
77	0.0	25.4	38.0#

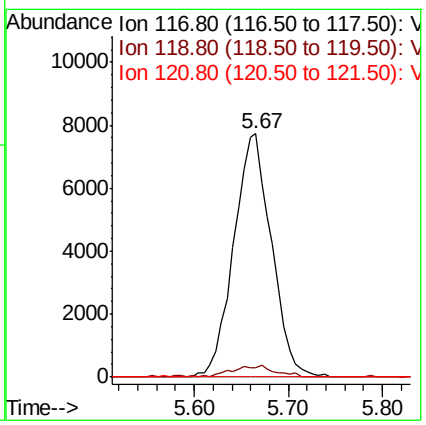


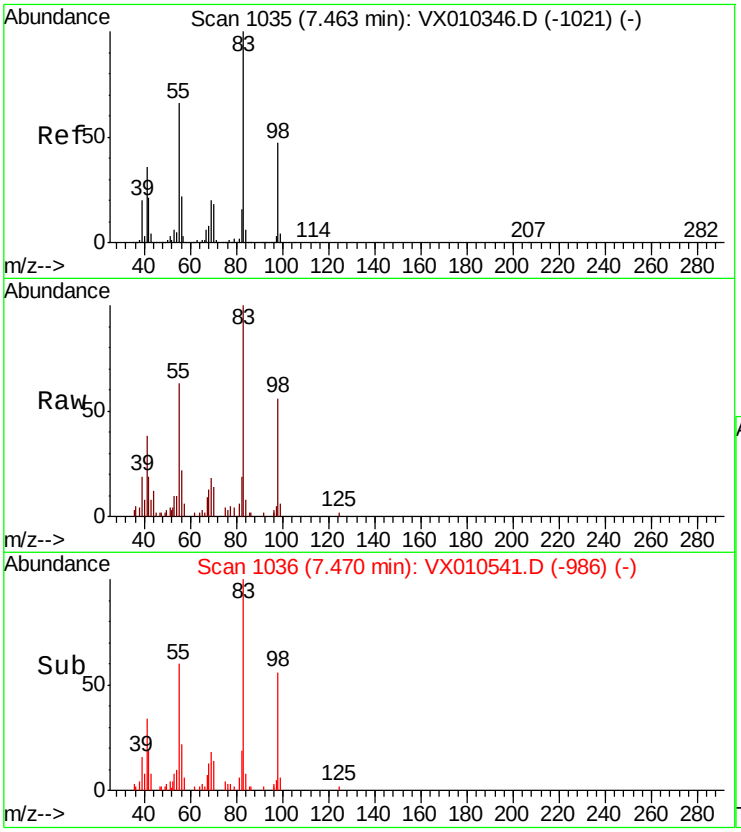


#38
Carbon Tetrachloride
Concen: 6.685 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:117 Resp: 21593

Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.2	117.4#
121	0.0	24.7	37.1#



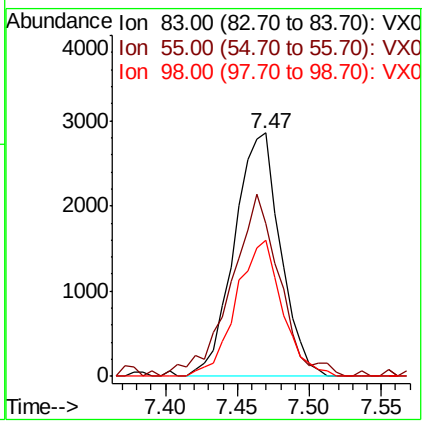


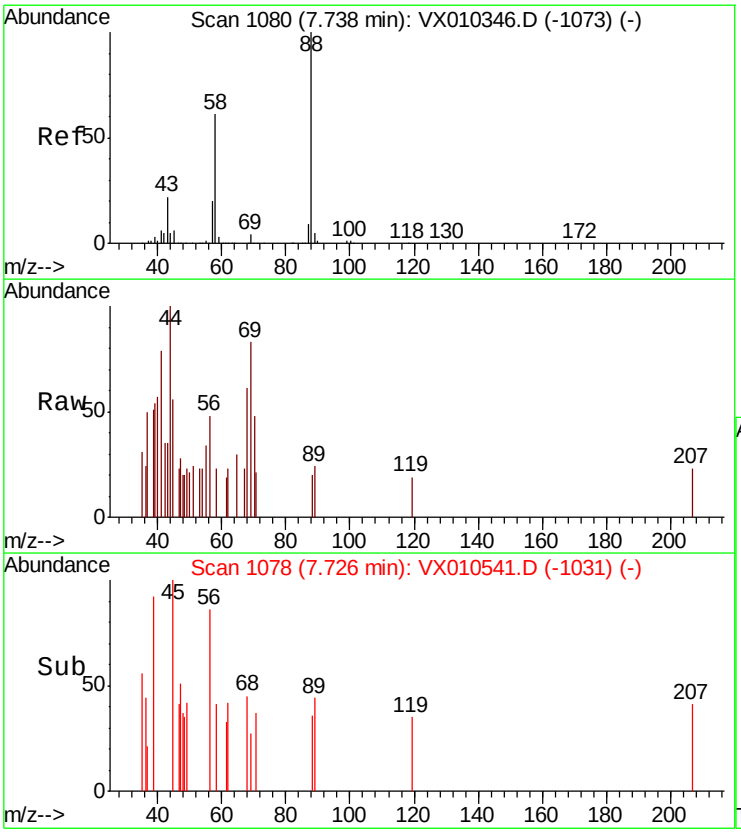
#39
Methylcyclohexane
Concen: 1.618 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion: 83 Resp: 6343

Ion	Ratio	Lower	Upper
83	100		
55	60.9	53.0	79.6
98	56.1	37.8	56.8

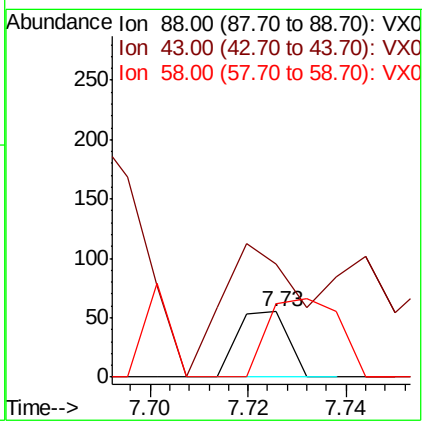


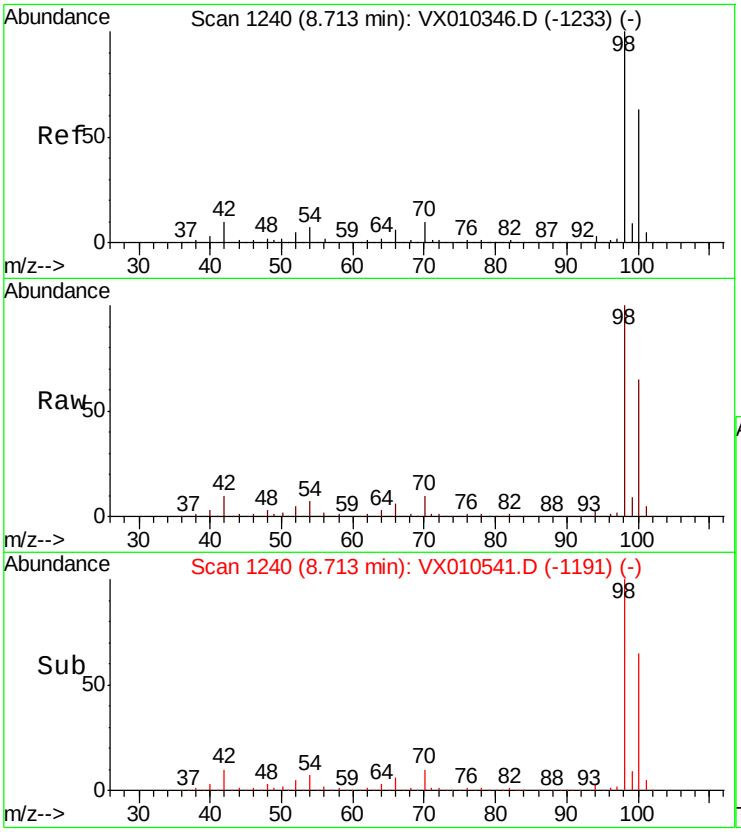


#49
1,4-Dioxane
Concen: 0.588 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	297.5	20.2	30.2#
58	167.5	49.5	74.3#



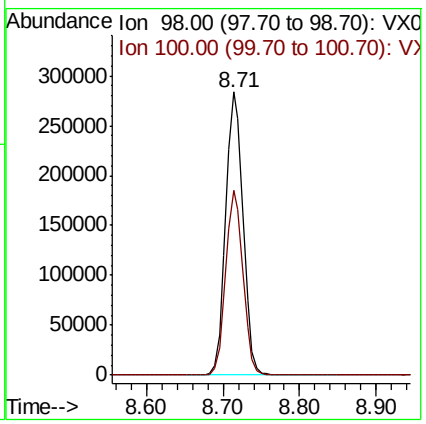


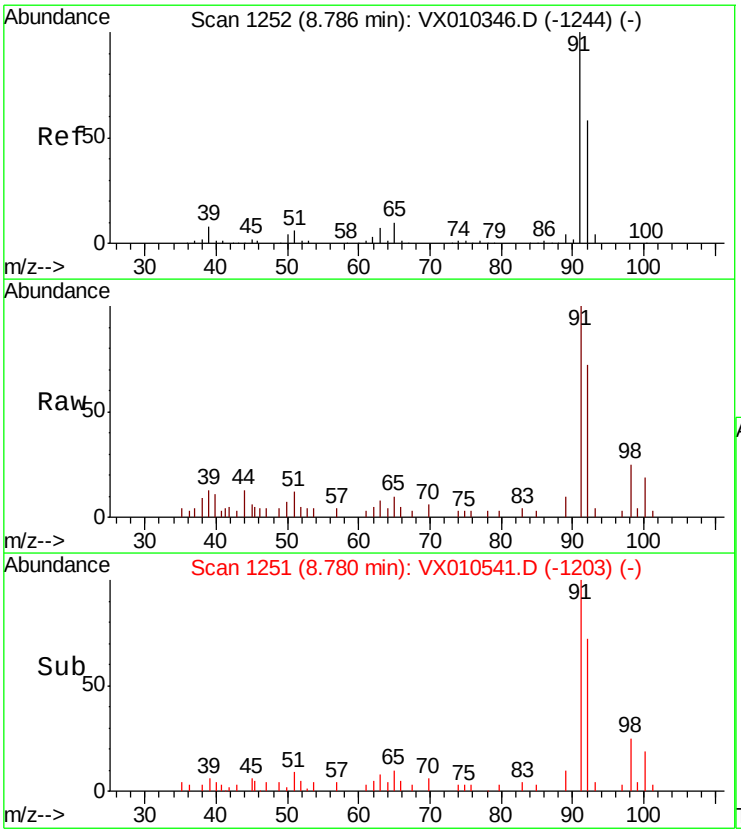
#50
Toluene-d8
Concen: 50.818 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion: 98 Resp: 446499

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

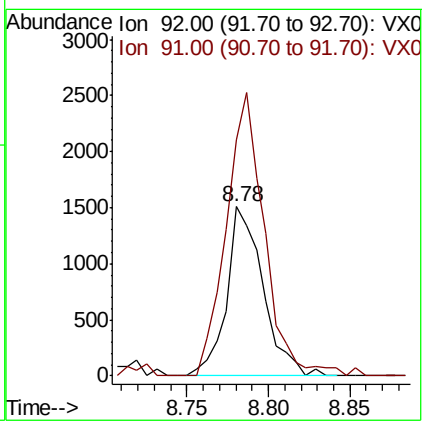


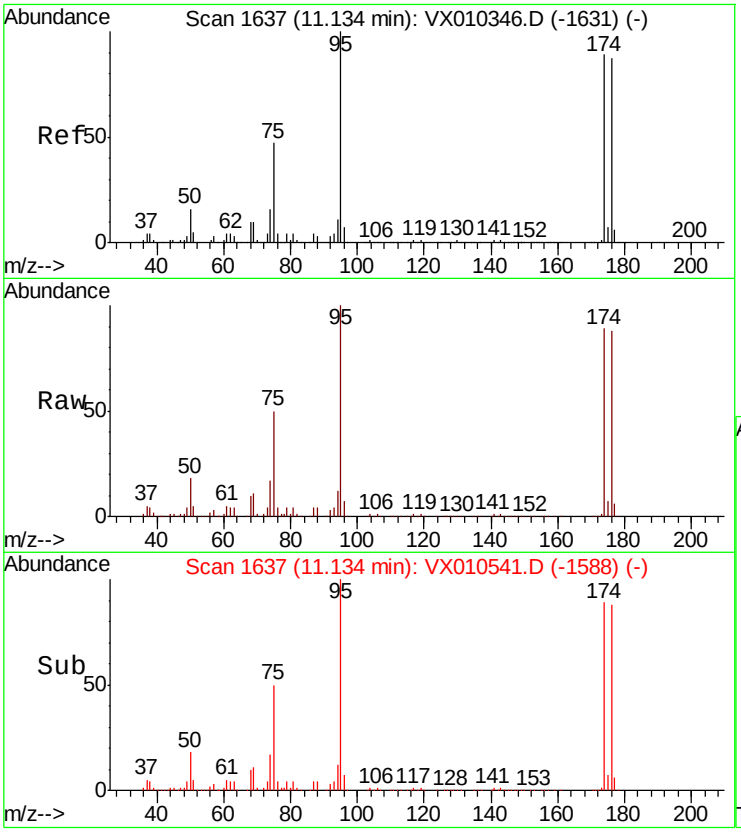


#52
Toluene
Concen: 0.380 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 92 Resp: 2327

Ion	Ratio	Lower	Upper
92	100		
91	177.1	139.8	209.6



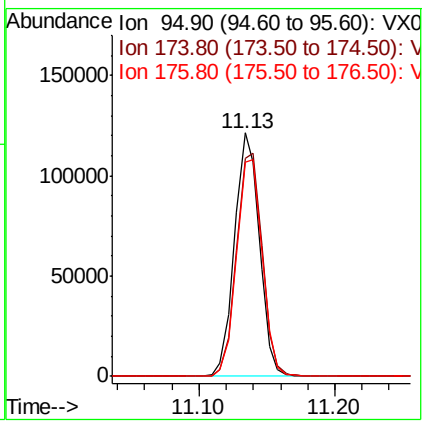


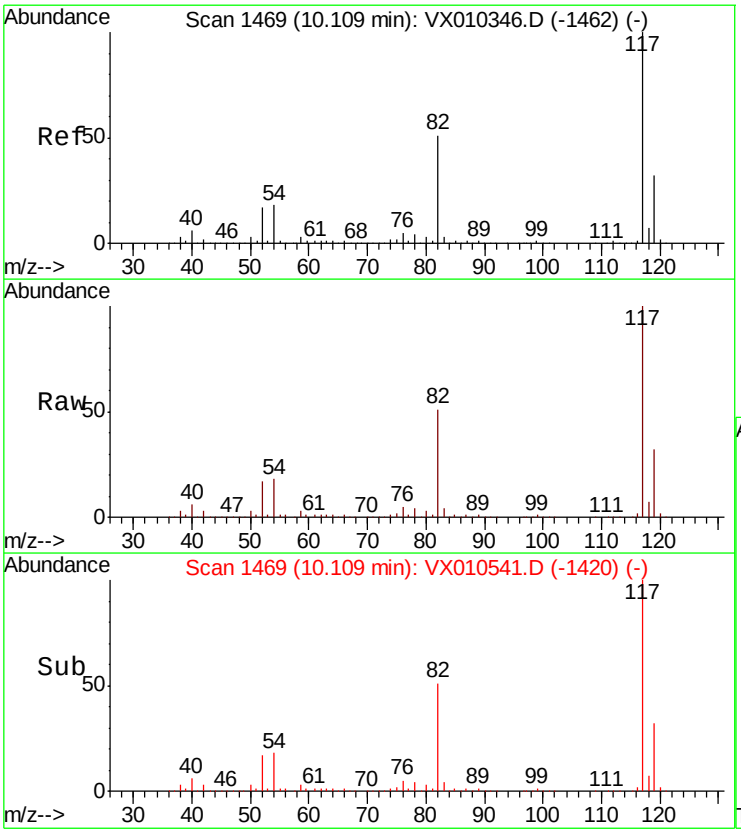
#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 95 Resp: 154722

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	187.6
176	92.1	0.0	184.0

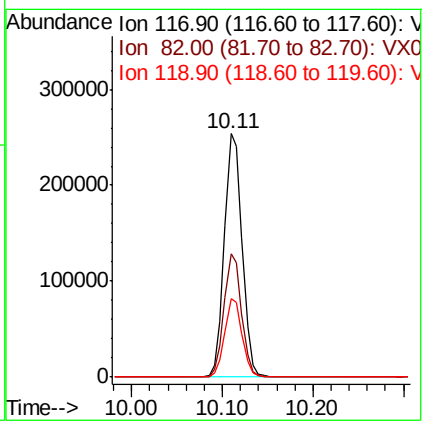


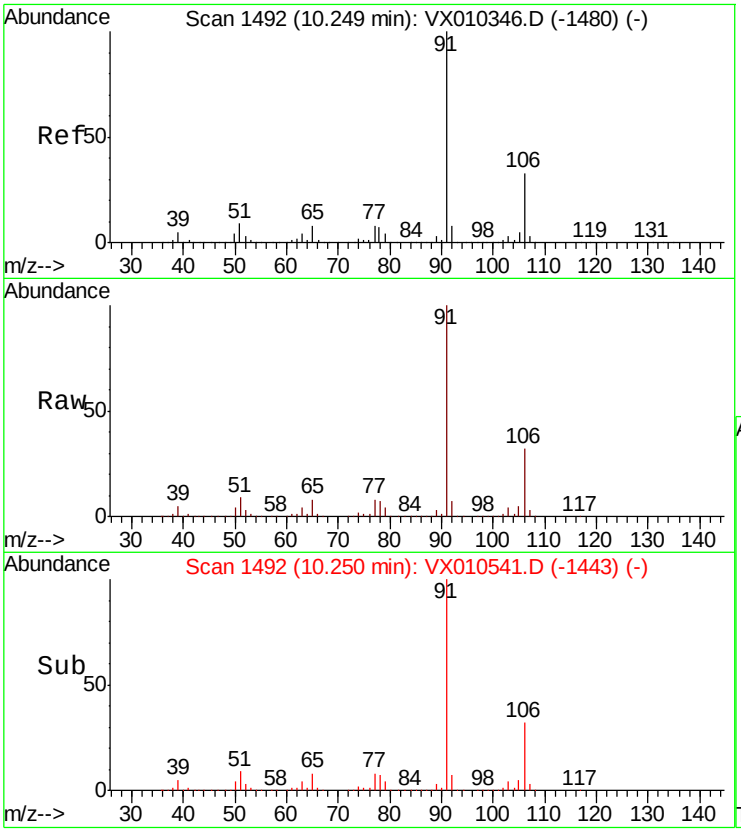


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:117 Resp: 345890

Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.2	61.8
119	32.3	25.5	38.3



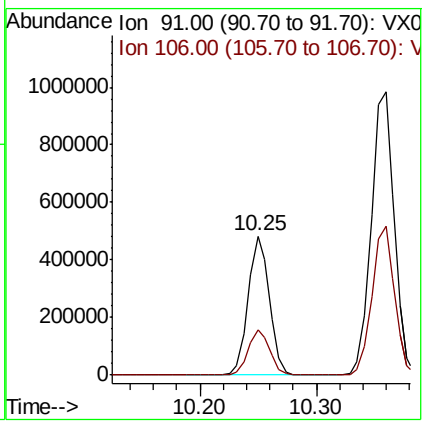


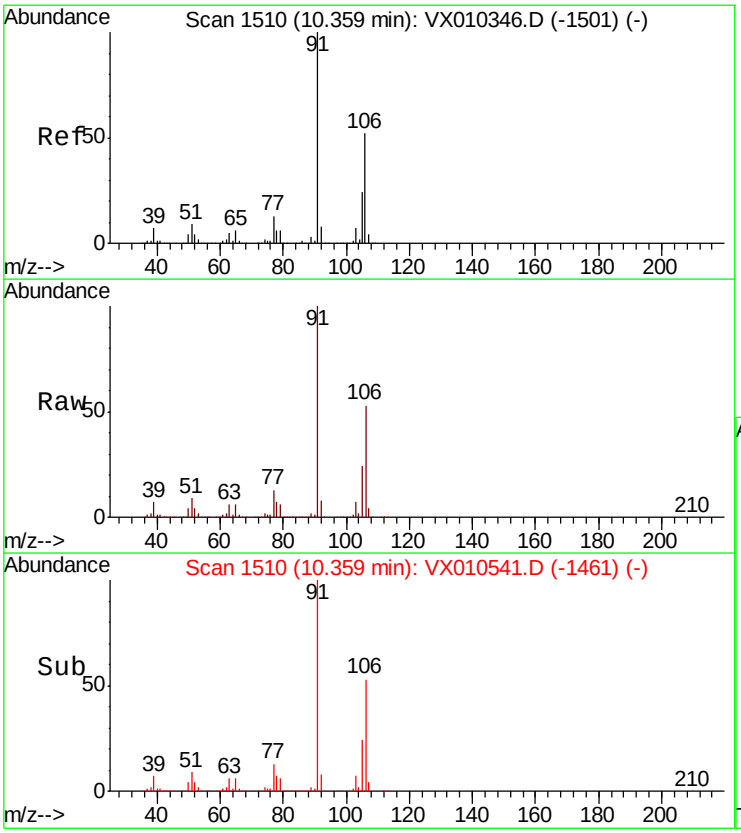
#67
Ethyl Benzene
Concen: 52.103 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion: 91 Resp: 617680

Ion	Ratio	Lower	Upper
91	100		
106	32.4	26.2	39.2

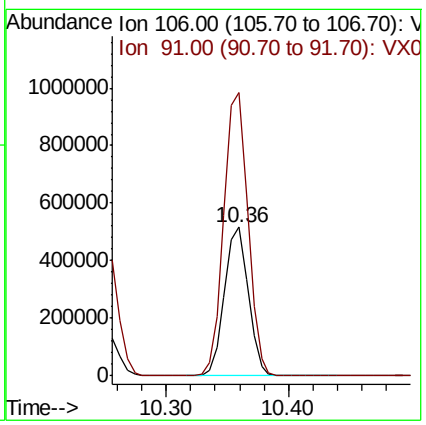


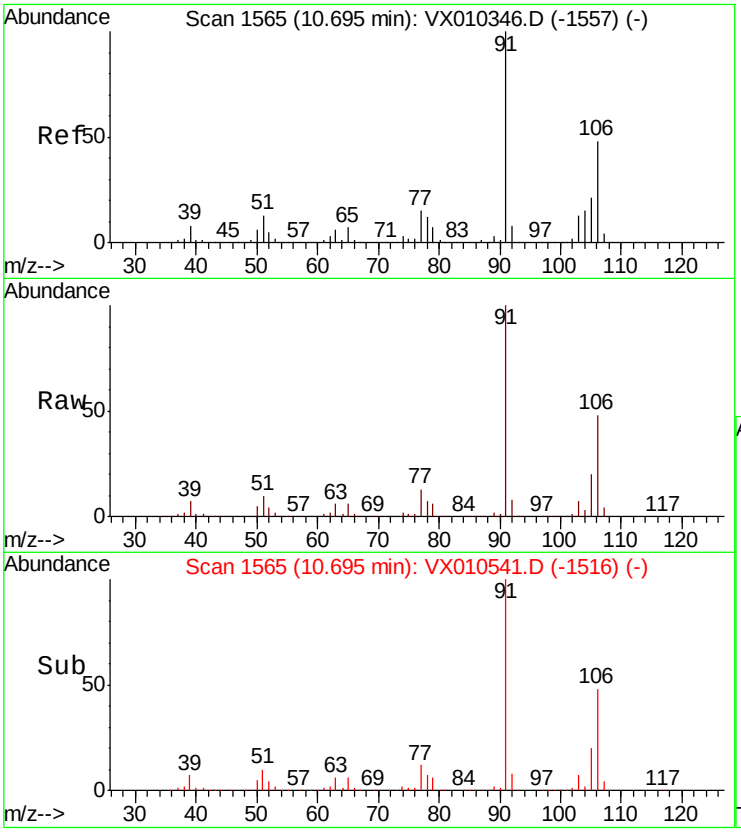


#68
m/p-Xylenes
Concen: 151.712 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:106 Resp: 696895

Ion	Ratio	Lower	Upper
106	100		
91	194.0	155.3	232.9



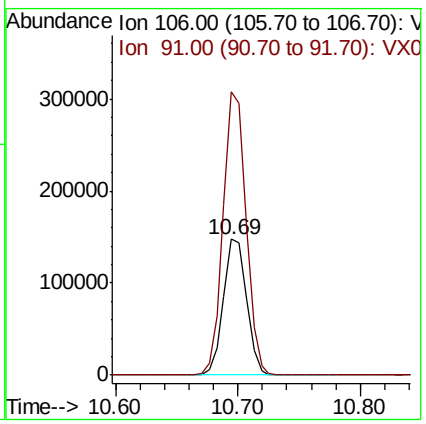


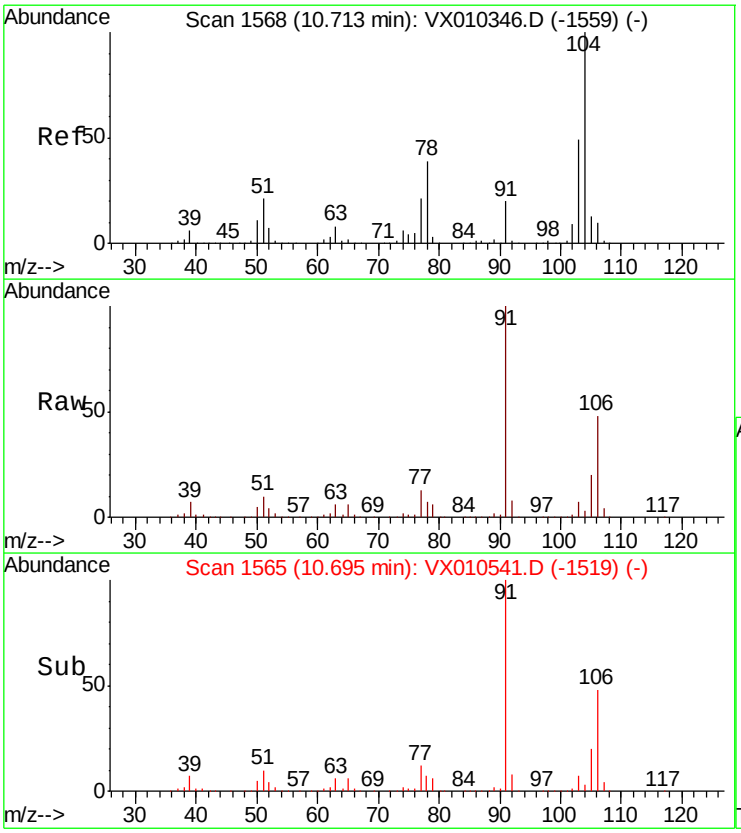
#69
o-Xylene
Concen: 42.981 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion:106 Resp: 194157

Ion	Ratio	Lower	Upper
106	100		
91	205.9	102.7	308.1

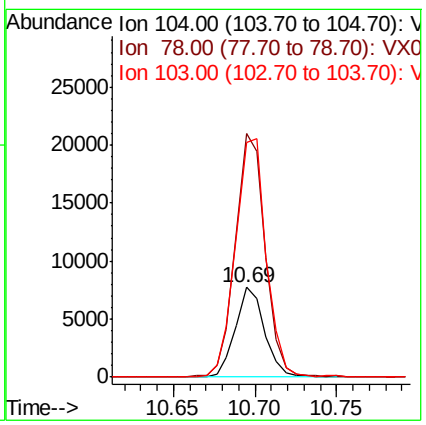


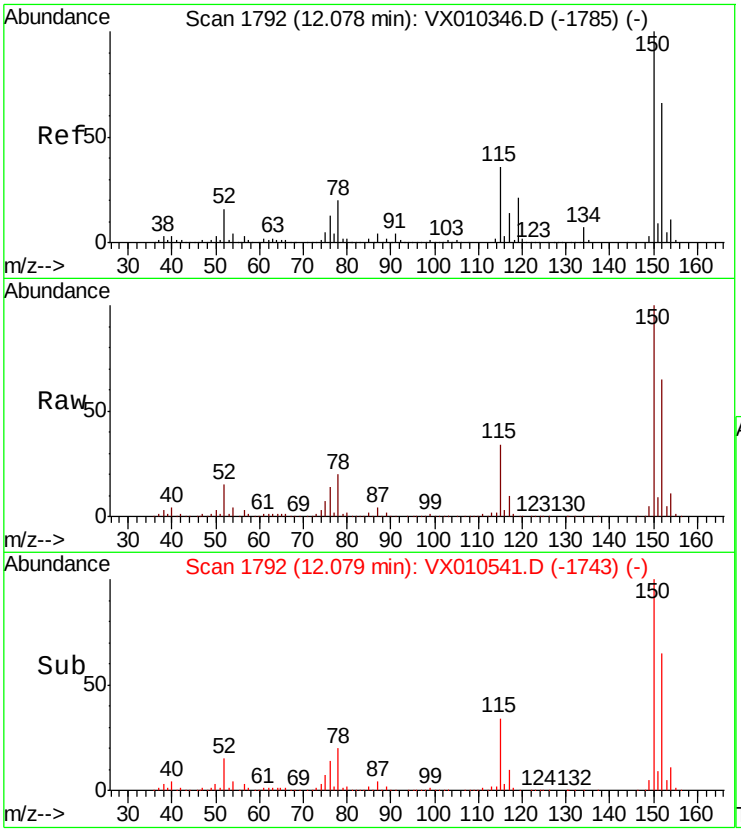


#70
Styrene
Concen: 1.275 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:104 Resp: 9656

Ion	Ratio	Lower	Upper
104	100		
78	277.9	36.2	54.2#
103	280.8	44.2	66.4#



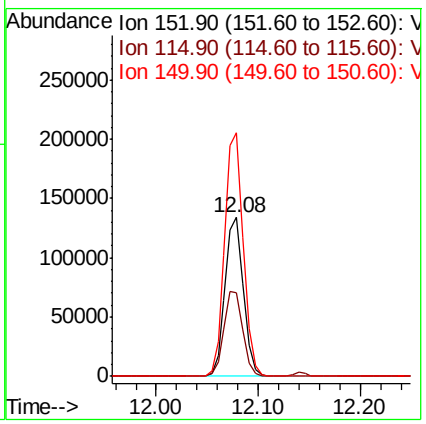


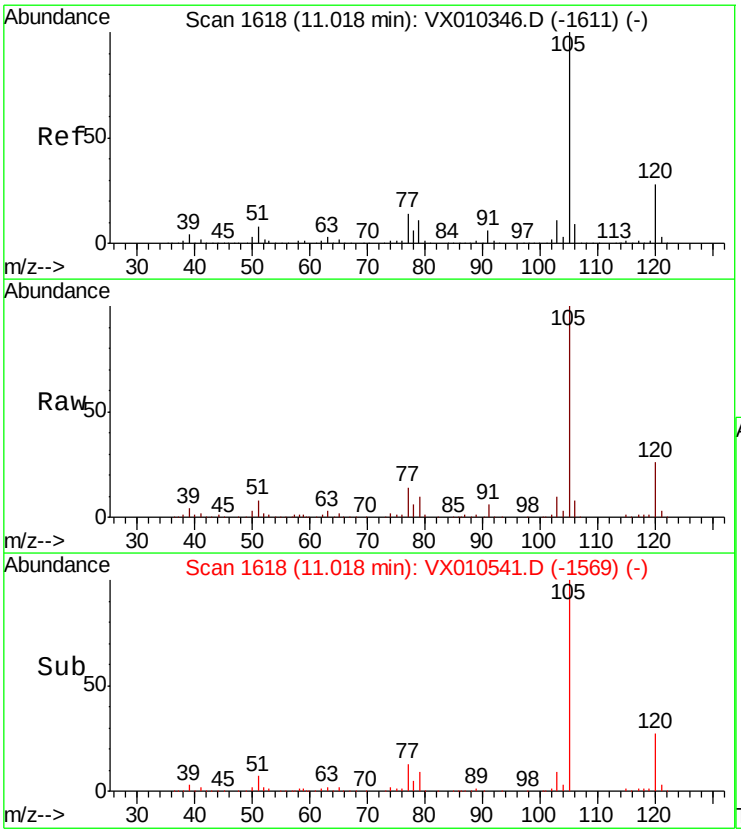
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion:152 Resp: 166252

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	155.5	0.0	347.4

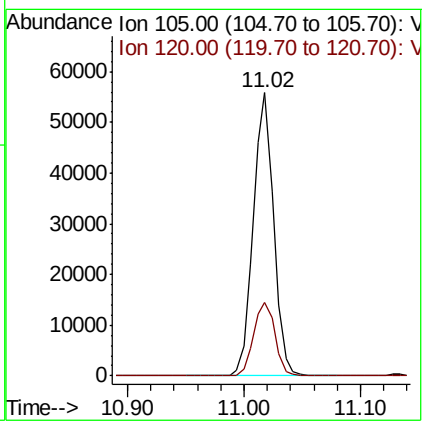


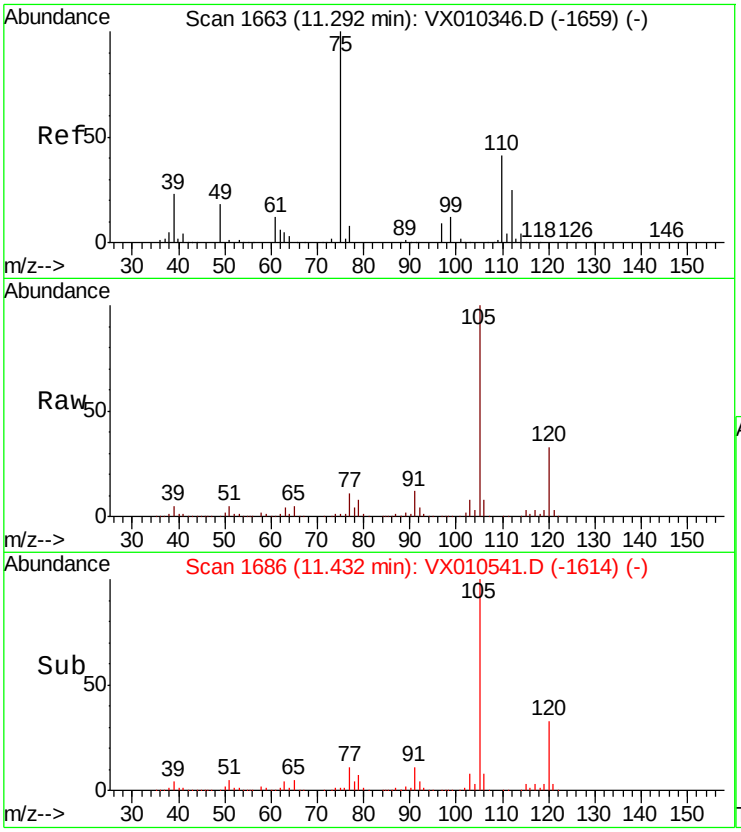


#73
Isopropylbenzene
Concen: 6.068 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:105 Resp: 68385

Ion	Ratio	Lower	Upper
105	100		
120	27.3	14.1	42.4



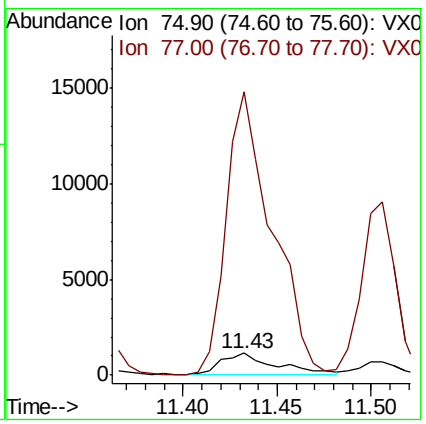


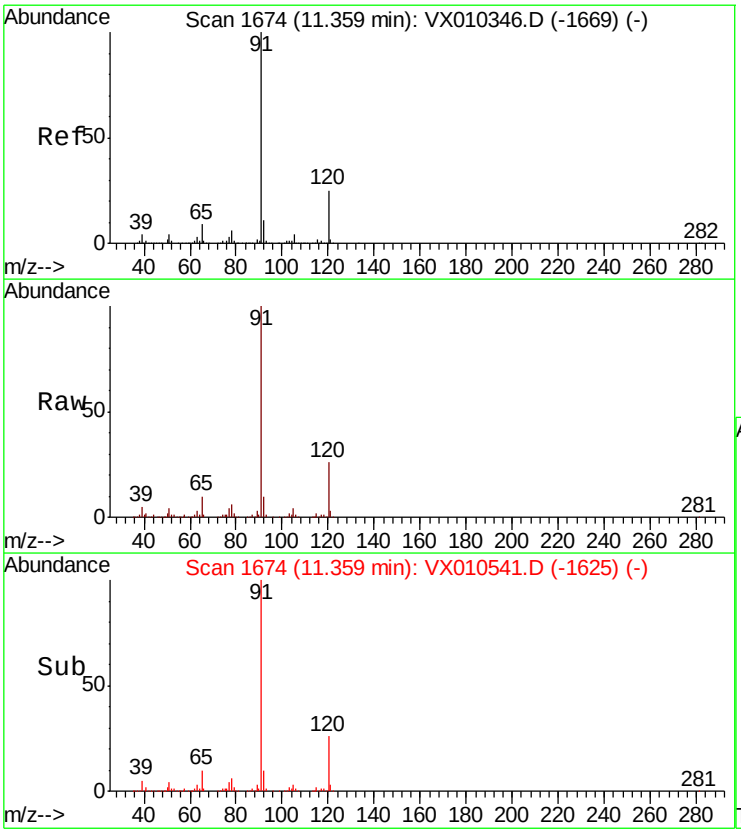
#76
1,2,3-Trichloropropane
Concen: 0.774 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.14 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 75 Resp: 2344

Ion	Ratio	Lower	Upper
75	100		
77	1067.8	22.6	67.8#

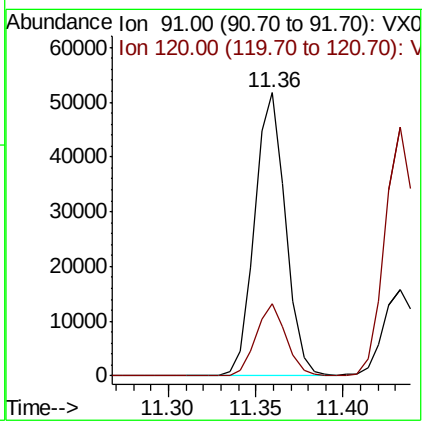


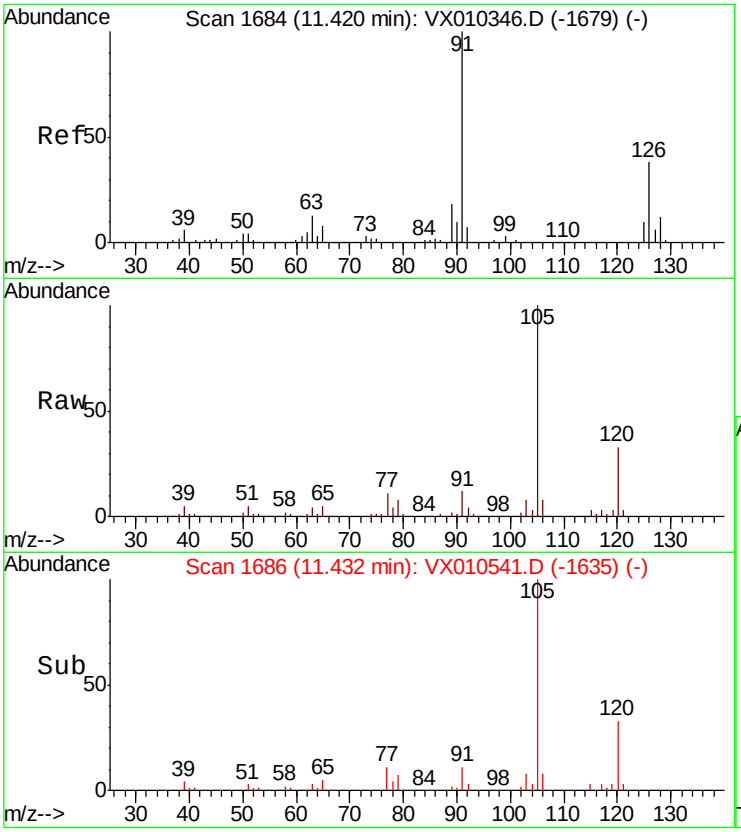


#78
n-propylbenzene
Concen: 5.181 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 91 Resp: 64173

Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.4	37.4



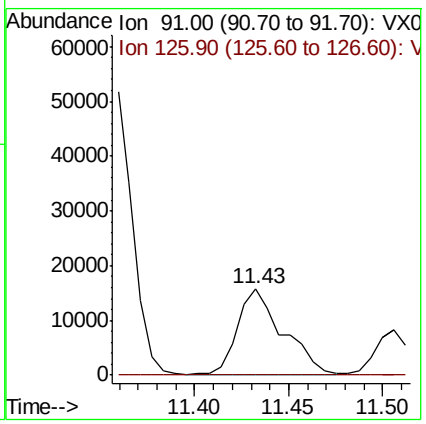


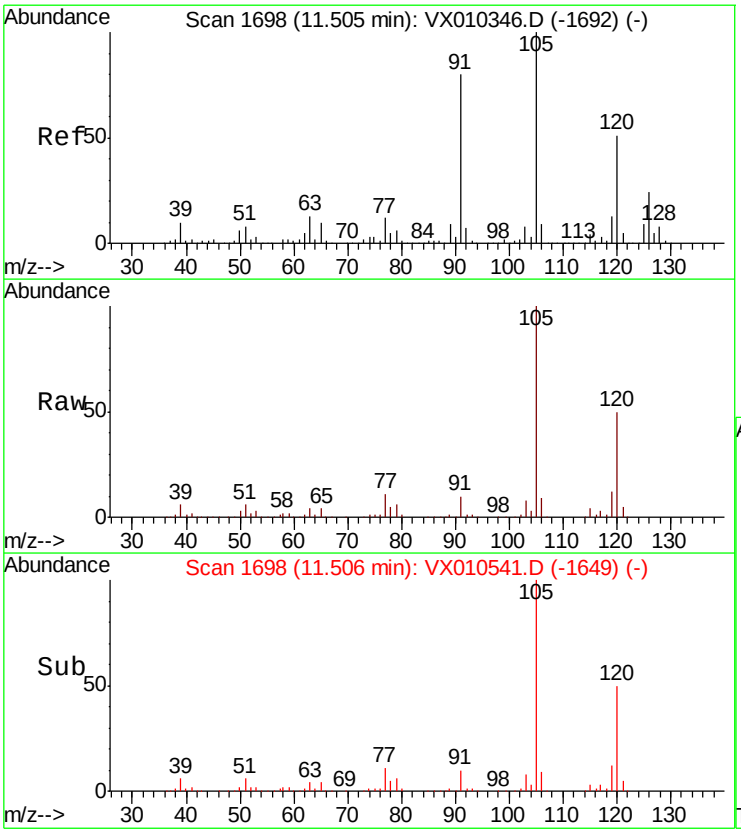
#79
2-Chlorotoluene
Concen: 3.598 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion: 91 Resp: 26534

Ion	Ratio	Lower	Upper
91	100		
126	0.1	18.7	56.1#

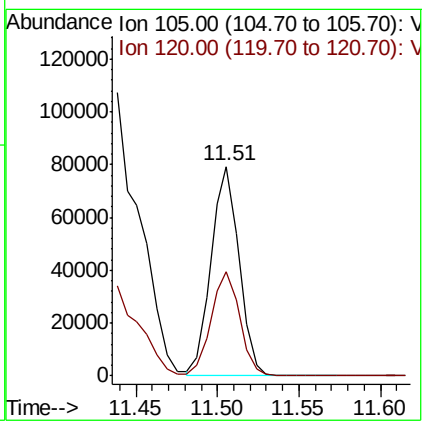


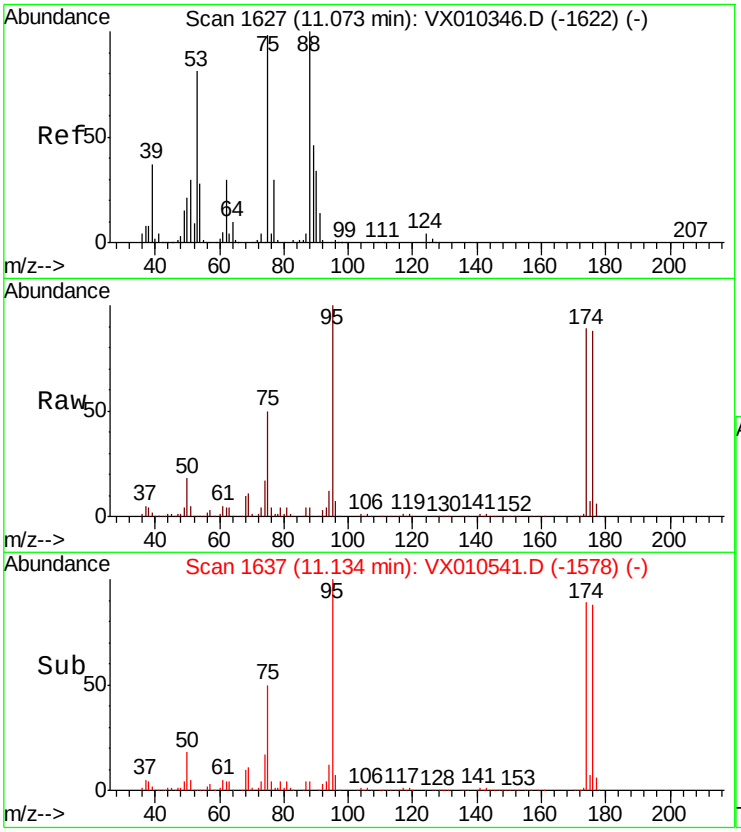


#80
1,3,5-Trimethylbenzene
Concen: 10.247 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:105 Resp: 95205

Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.2	75.6



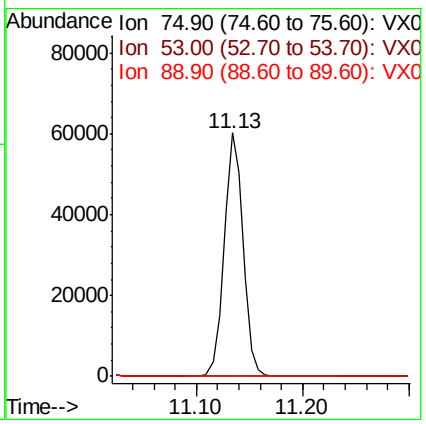


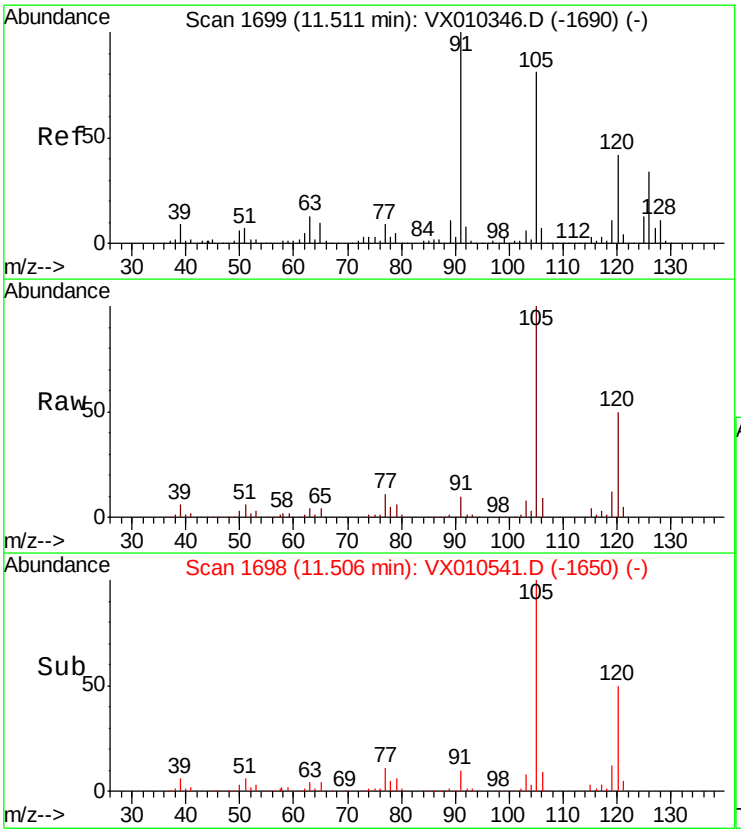
#81
trans-1,4-Dichloro-2-butene
Concen: 57.626 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion: 75 Resp: 74834

Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.1	99.1#
89	0.0	37.8	56.6#

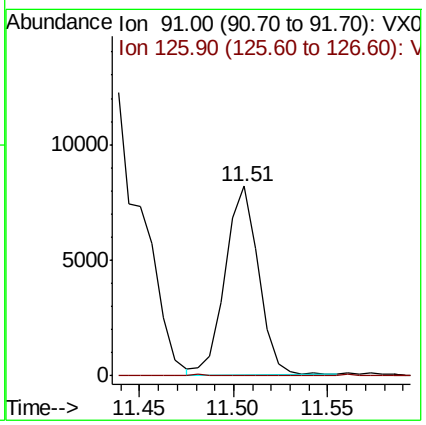


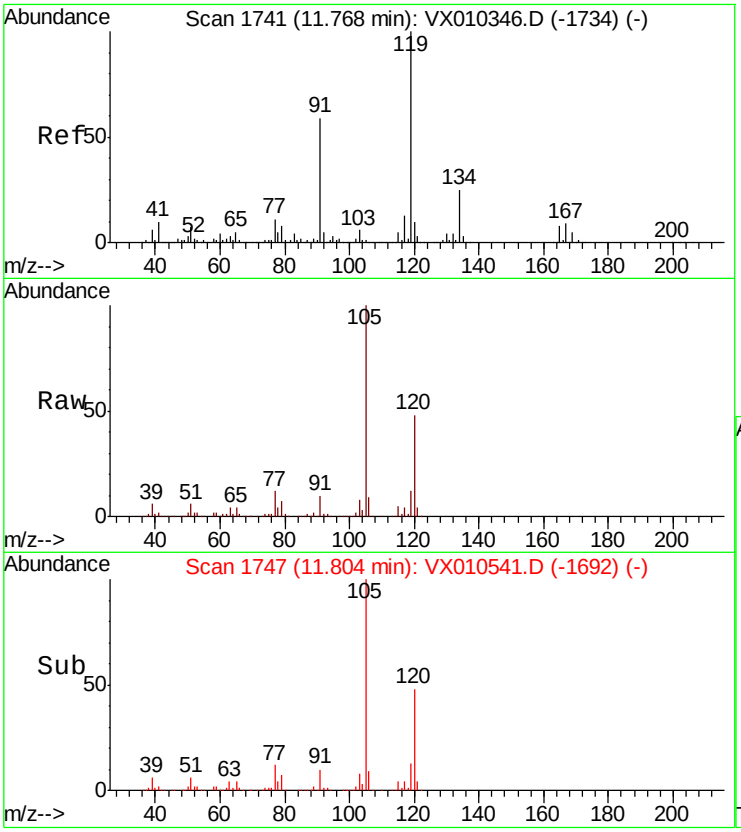


#82
4-Chlorotoluene
Concen: 1.193 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 91 Resp: 10011

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.2	48.6#



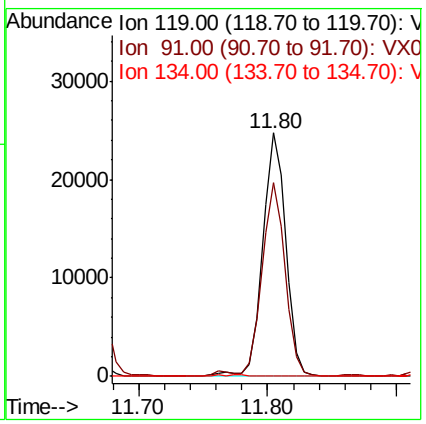


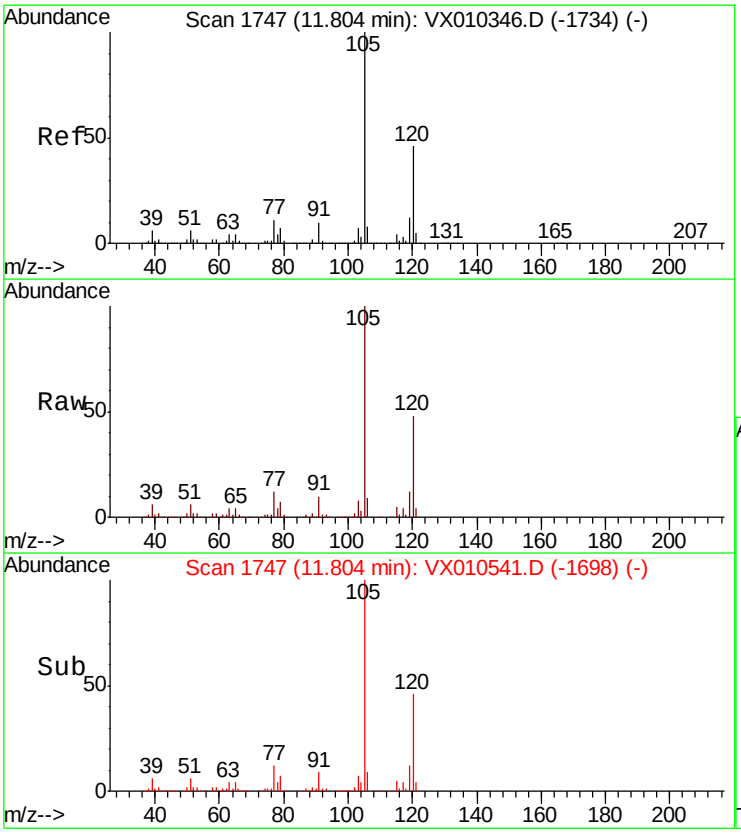
#83
tert-Butylbenzene
Concen: 3.301 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion:119 Resp: 30786

Ion	Ratio	Lower	Upper
119	100		
91	78.3	27.6	82.7
134	0.0	11.8	35.4#

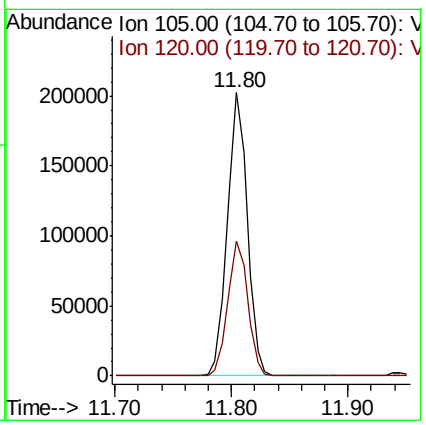


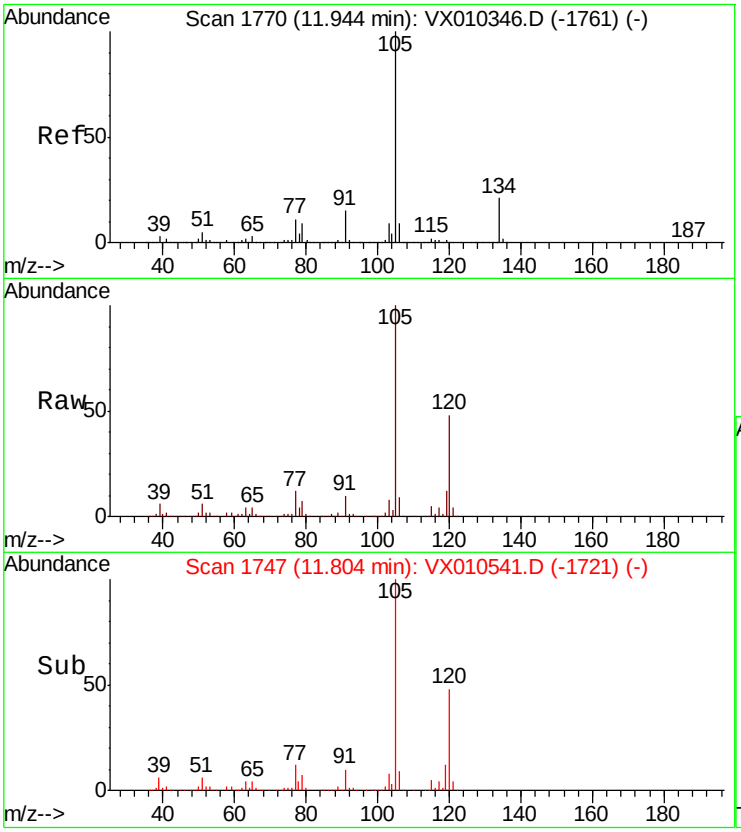


#84
1,2,4-Trimethylbenzene
Concen: 25.902 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:105 Resp: 241771

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.1	69.2



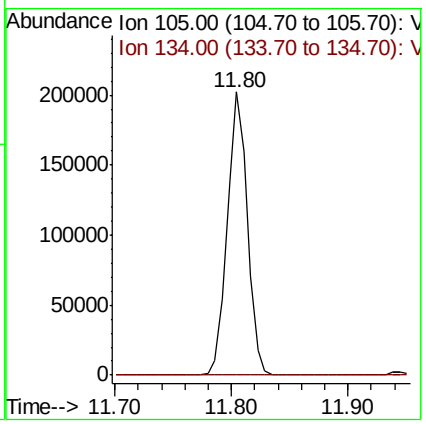


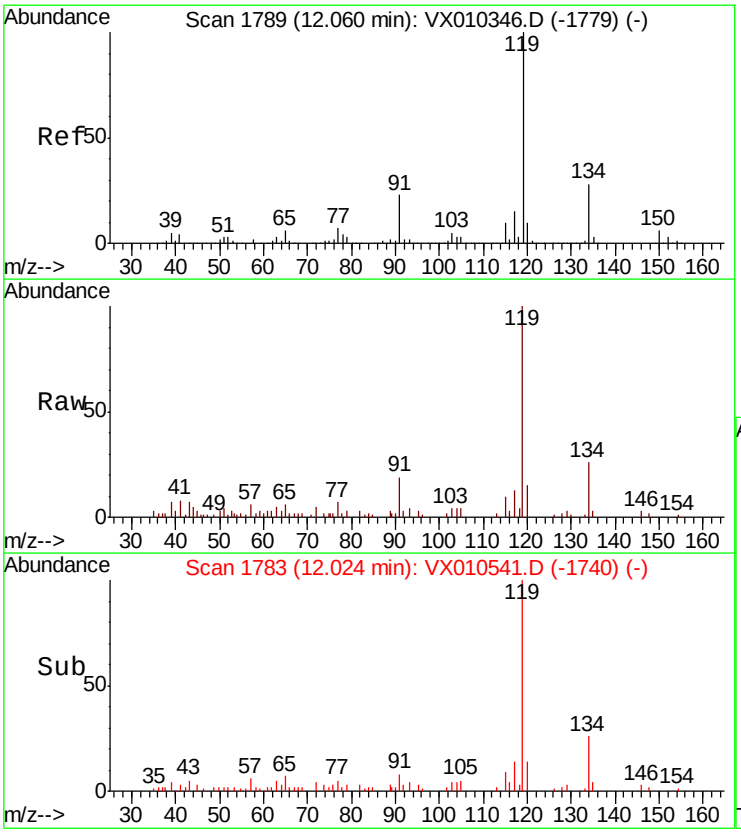
#85
sec-Butylbenzene
Concen: 22.082 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion:105 Resp: 241771

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.7	31.9#

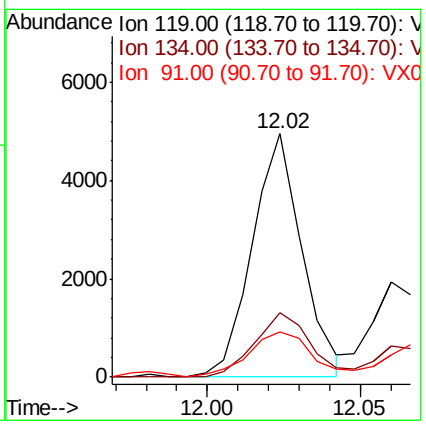


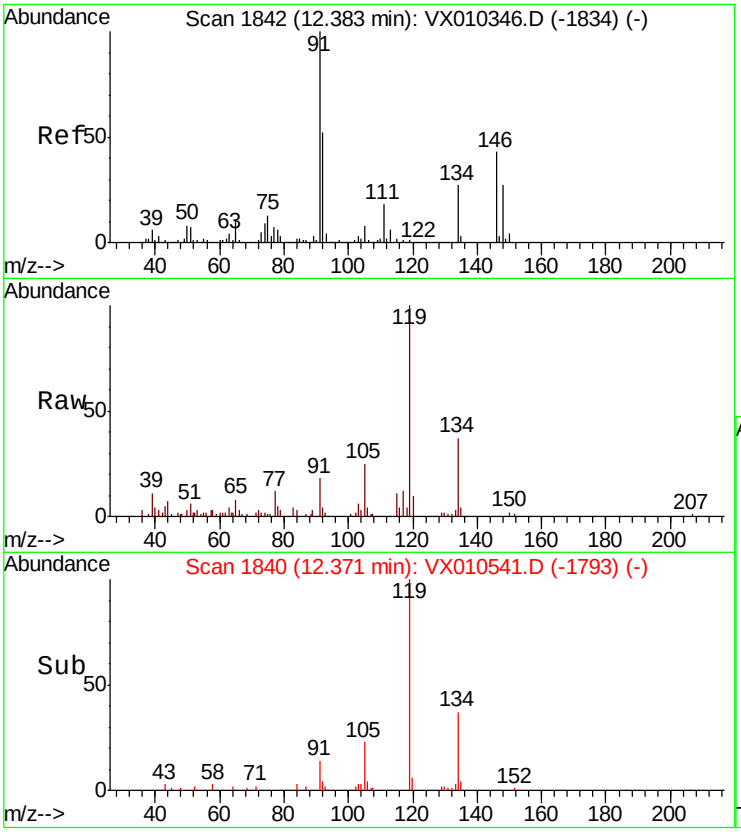


#86
p-Isopropyltoluene
Concen: 0.554 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:119 Resp: 5610

Ion	Ratio	Lower	Upper
119	100		
134	30.0	13.7	41.1
91	23.9	11.3	33.8



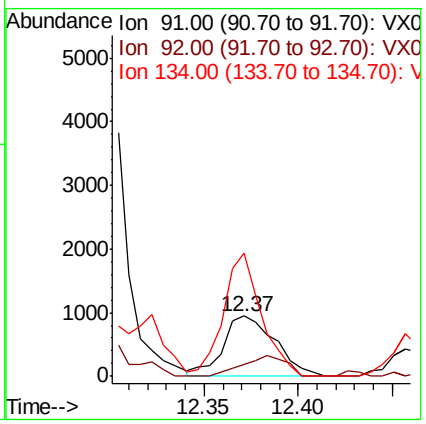


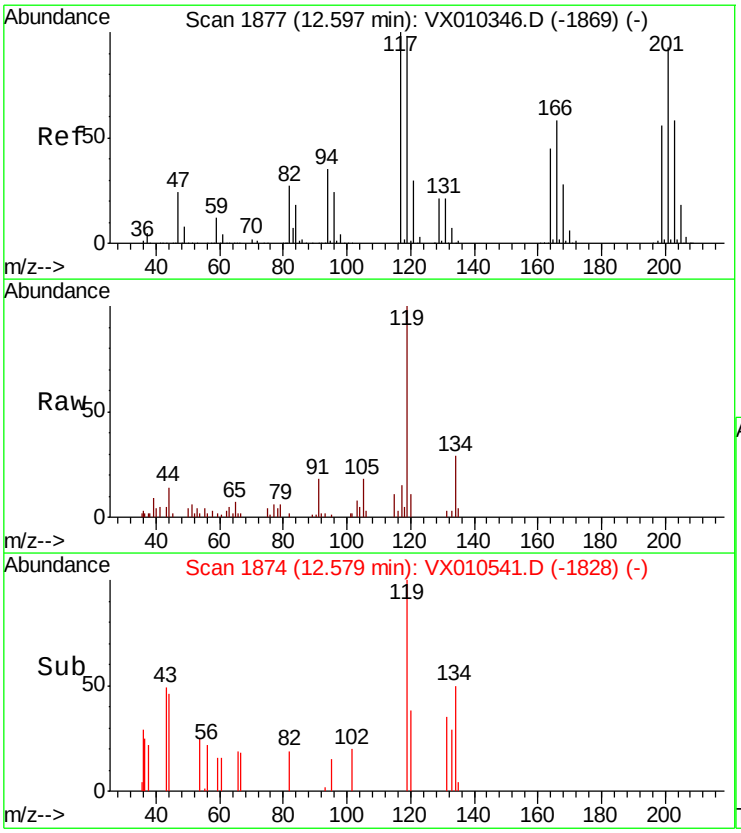
#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument : MSVOA_X
ClientSampleId : FL-0576DL

Tgt Ion: 91 Resp: 1824

Ion	Ratio	Lower	Upper
91	100		
92	28.1	26.2	78.5
134	148.7	14.1	42.4#

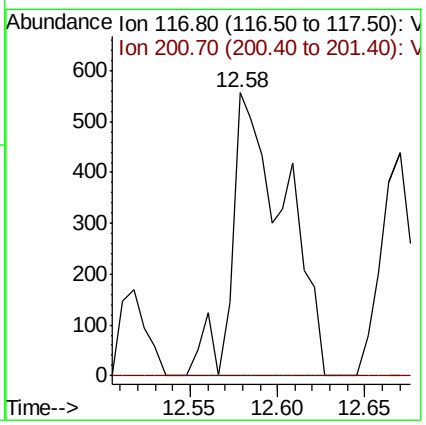


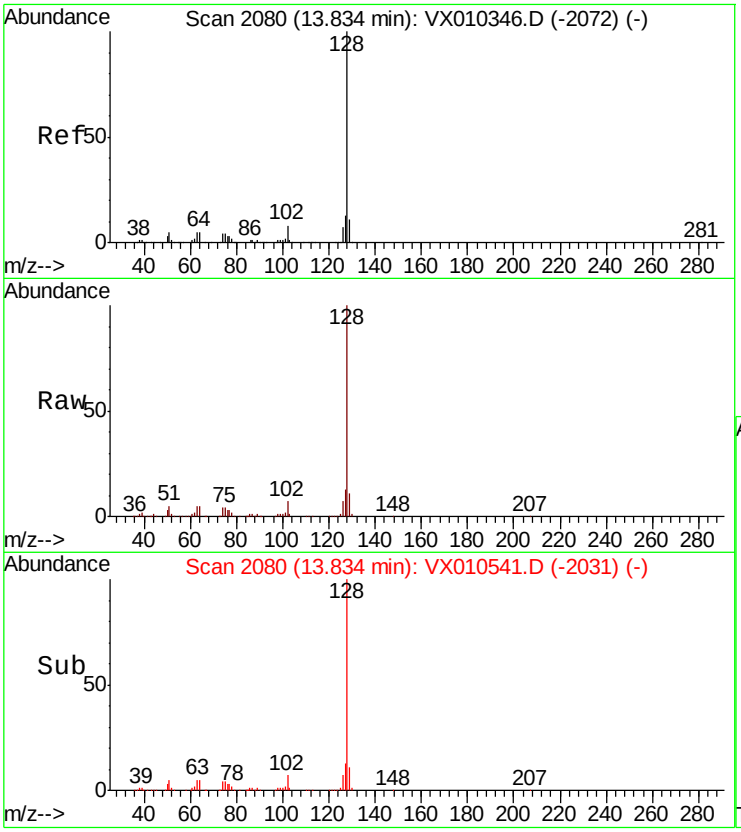


#90
Hexachloroethane
Concen: 0.678 ug/l
RT: 12.58 min Scan# 1874
Delta R.T. -0.02 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:117 Resp: 1188

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.0	131.8#





#95
Naphthalene
Concen: 9.166 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tgt Ion:128 Resp: 106639

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.9	13.3