Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009826.D
Acq On : 23 May 2019 00:54
Operator : JC/SP
Sample : K2976-05 50X
Misc : 5.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 07:23:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	179013	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	292125	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	270079	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132256	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	124094	50.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.56%				
35) Dibromofluoromethane	5.50	113	88653	48.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.56%				
50) Toluene-d8	8.71	98	375310	50.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.24%				
62) 4-Bromofluorobenzene	11.13	95	142628	52.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.88%				
Target Compounds							Qvalue
13) Acrolein	2.29	56	109	0.213	ug/l	#	14
16) Acetone	2.45	43	582	0.444	ug/l	#	75
28) Bromochloromethane	4.99	49	19	Below Cal		#	20
31) Cyclohexane	5.66	56	4041	1.118	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	14161	5.216	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	16555	6.712	ug/l	#	17
49) 1,4-Dioxane	7.82	88	22	0.361	ug/l	#	20
55) 1,1,2-Trichloroethane	9.16	97	4637	2.225	ug/l	#	21
56) Ethyl methacrylate	9.16	69	1150	0.309	ug/l	#	1
59) 2-Hexanone	9.44	43	11026	3.550	ug/l	#	32
73) Isopropylbenzene	11.02	105	73002	7.591	ug/l		99
74) N-amyl acetate	10.91	43	77345	13.794	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	35057	9.778	ug/l	#	35
76) 1,2,3-Trichloropropane	11.13	75	70643	23.027	ug/l	#	36
78) n-propylbenzene	11.36	91	205025	18.666	ug/l		99
79) 2-Chlorotoluene	11.36	91	205025	30.256	ug/l	#	42
81) trans-1,4-Dichloro-2-buten	11.13	75	70643	58.917	ug/l	#	10
82) 4-Chlorotoluene	11.36	91	205025	26.782	ug/l	#	46
83) tert-Butylbenzene	11.77	119	13653	1.733	ug/l		83
84) 1,2,4-Trimethylbenzene	11.94	105	98007	12.058	ug/l	#	32
85) sec-Butylbenzene	11.94	105	98007	10.494	ug/l		96
86) p-Isopropyltoluene	12.23	119	25529	3.041	ug/l		91
89) n-Butylbenzene	12.38	91	63364	8.350	ug/l		89
90) Hexachloroethane	12.66	117	13884	9.706	ug/l	#	7

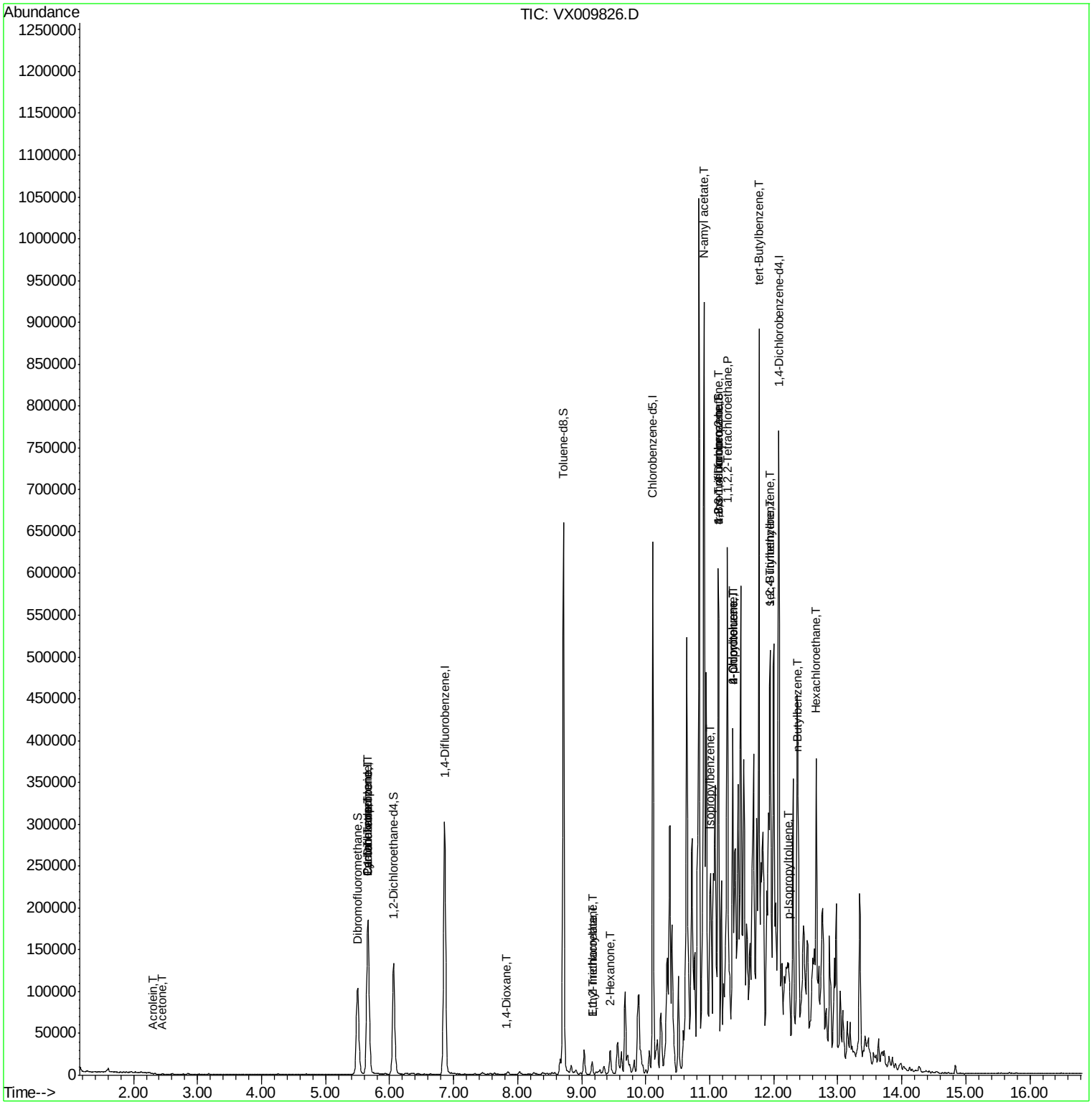
(#) = qualifier out of range (m) = manual integration (+) = signals summed

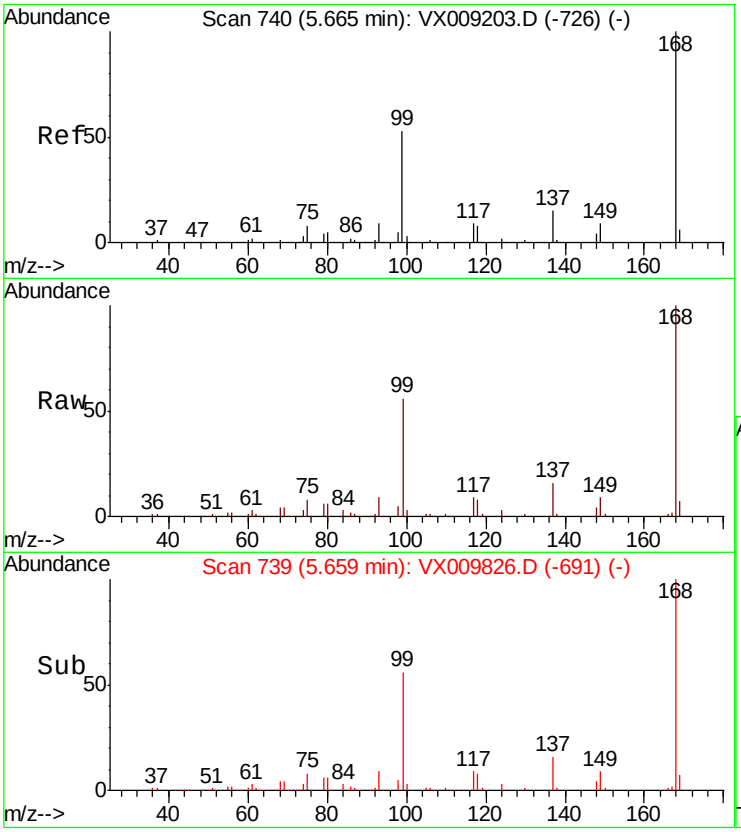
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009826.D
Acq On : 23 May 2019 00:54
Operator : JC/SP
Sample : K2976-05 50X
Misc : 5.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 07:23:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



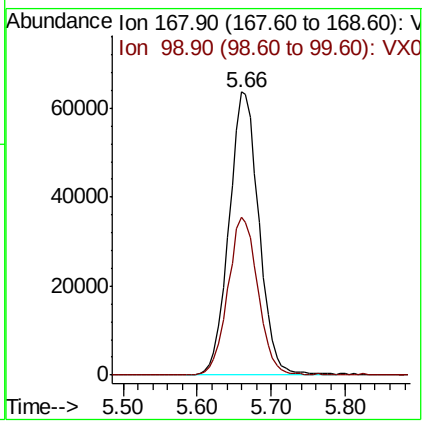


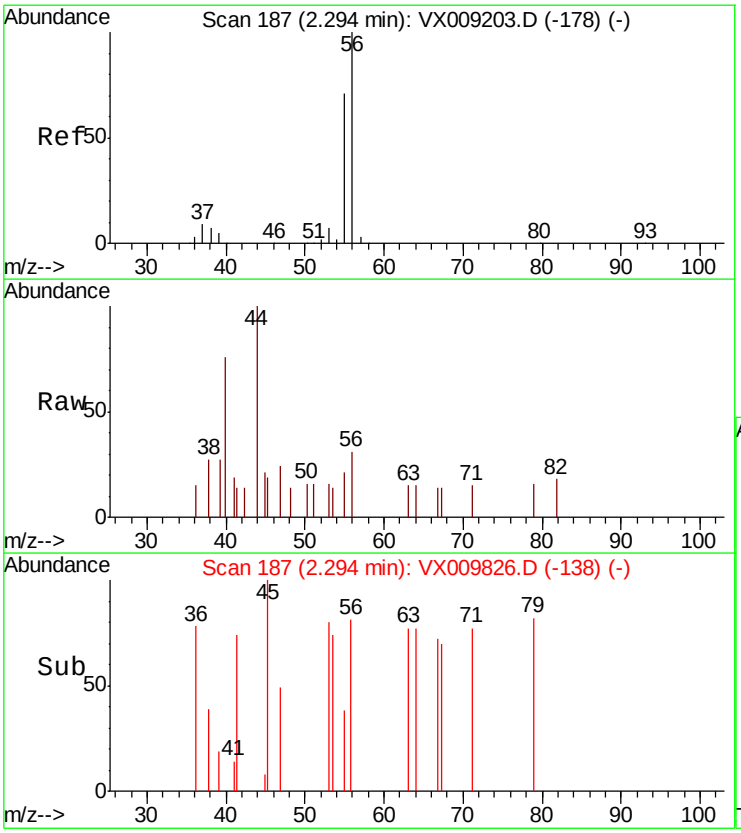
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 179013

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.3	63.5

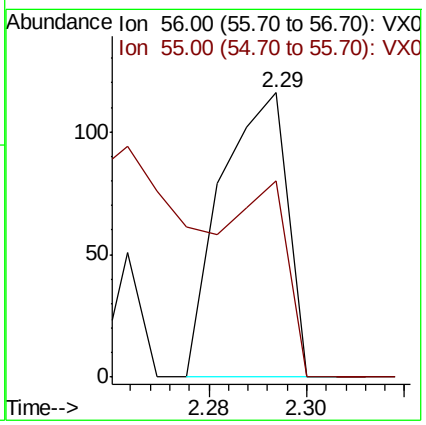


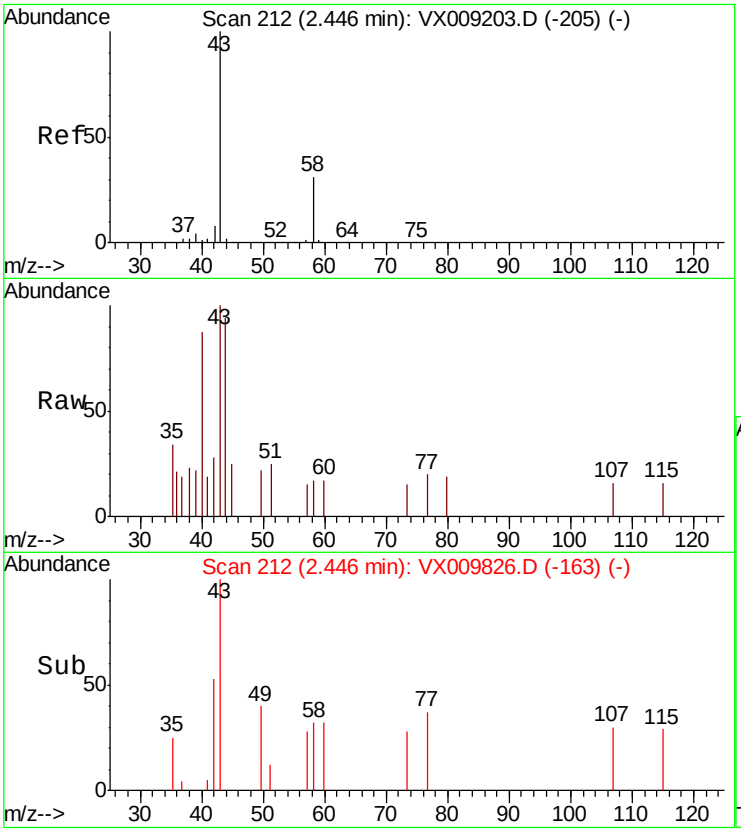


#13
Acrolein
Concen: 0.213 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#



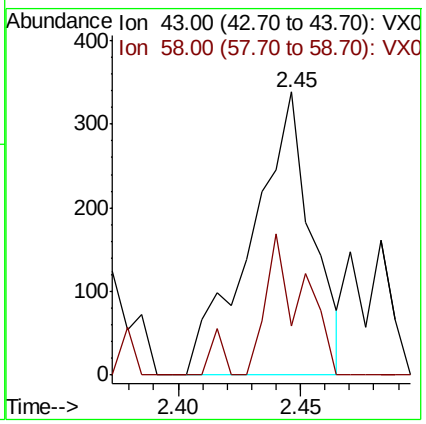


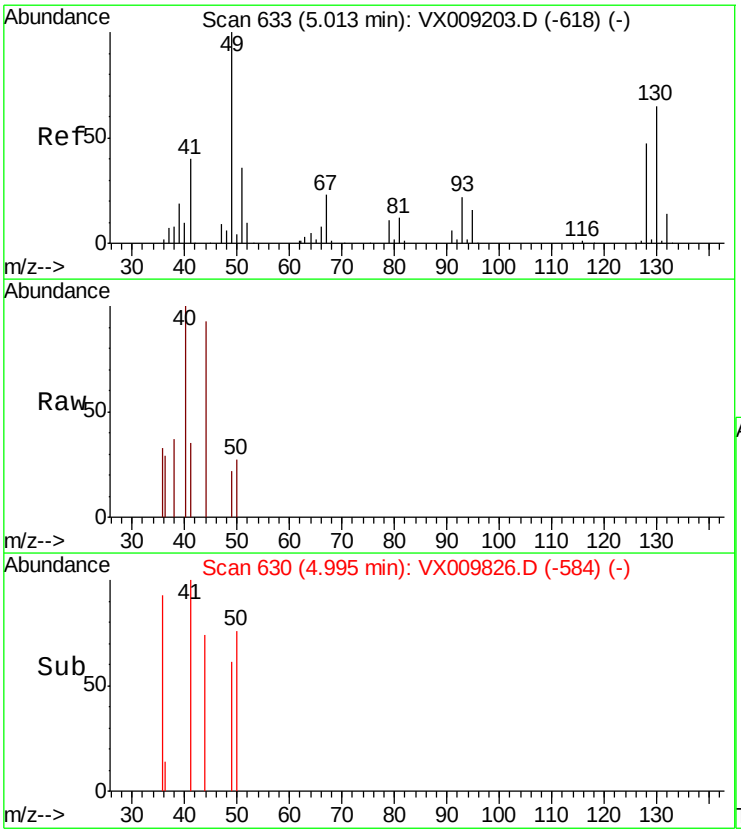
#16
Acetone
Concen: 0.444 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 582

Ion	Ratio	Lower	Upper
43	100		
58	17.5	24.9	37.3#

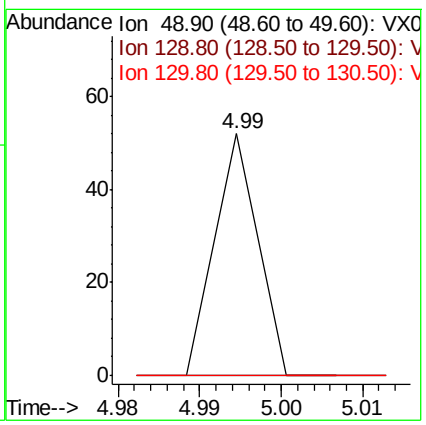


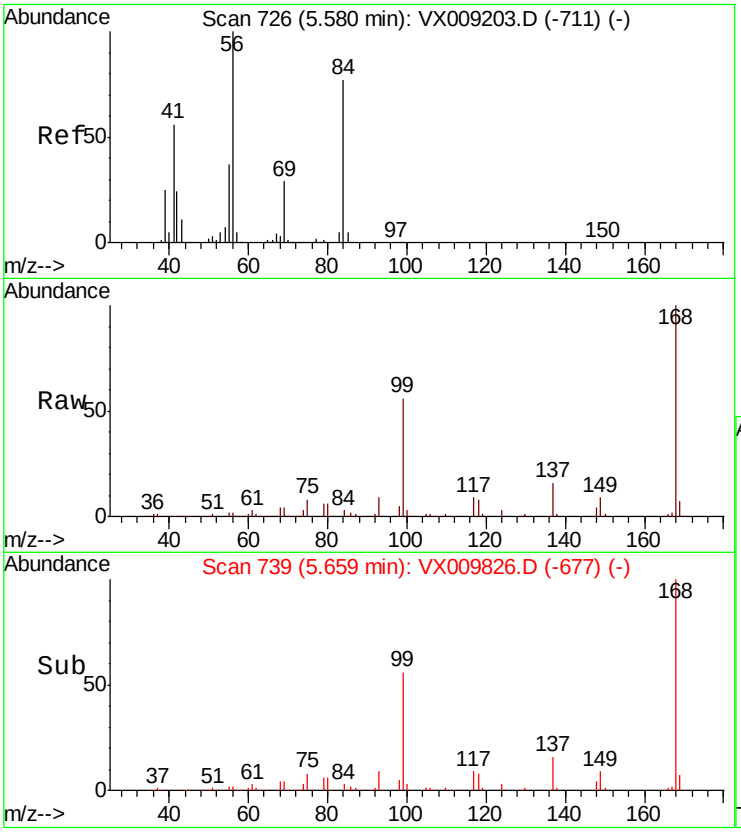


#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 630
Delta R.T. -0.02 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



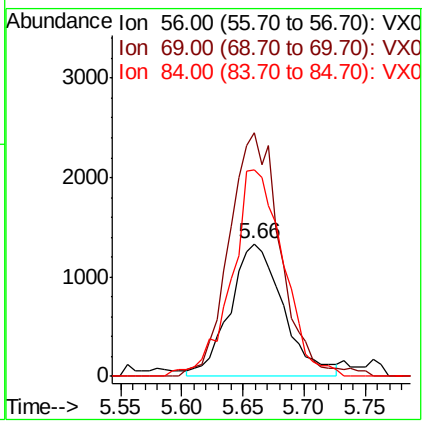


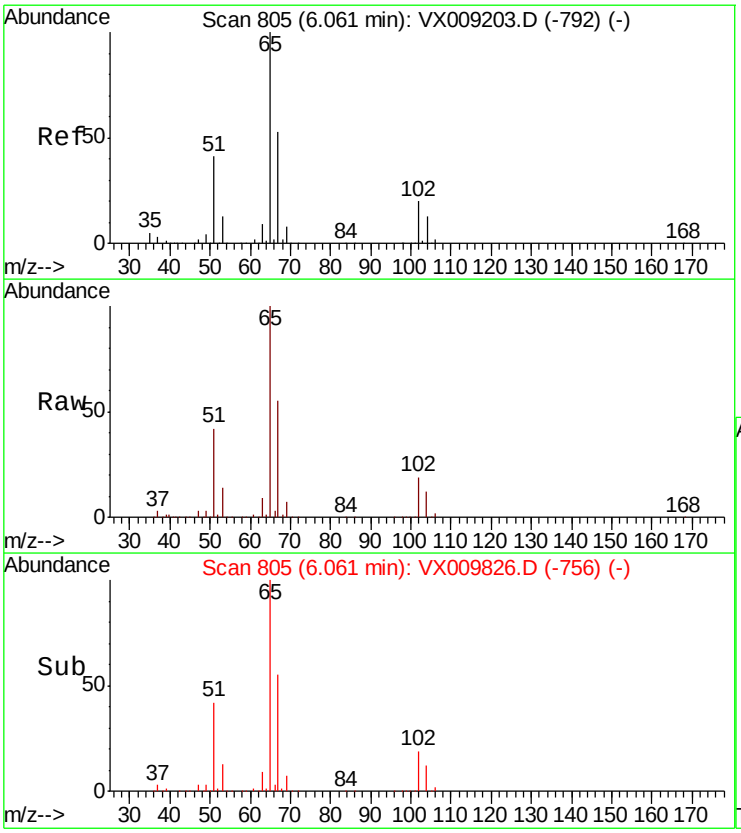
#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4041

Ion	Ratio	Lower	Upper
56	100		
69	186.0	23.4	35.0#
84	157.4	61.9	92.9#

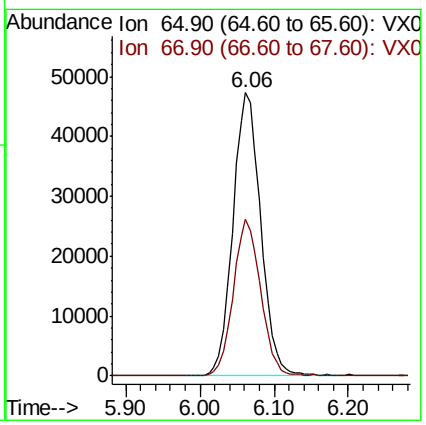


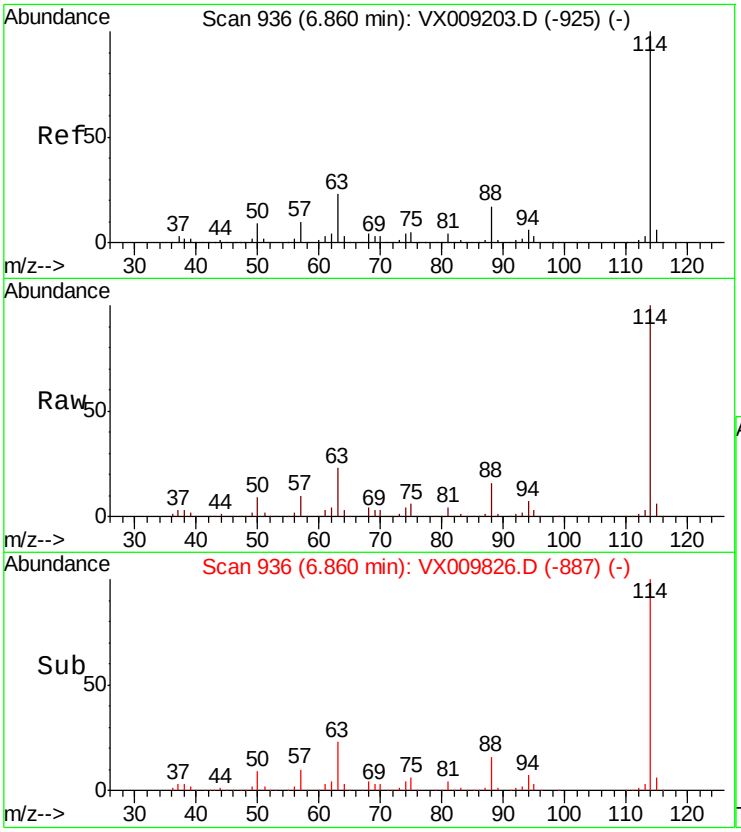


#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 65 Resp: 124094

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.6



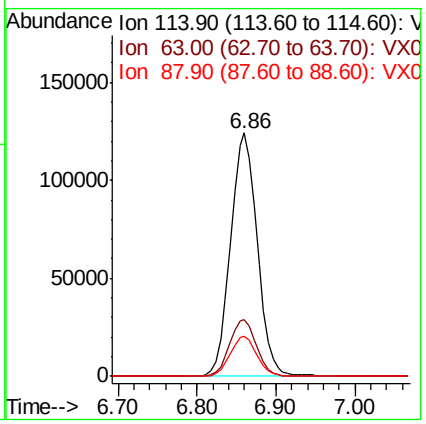


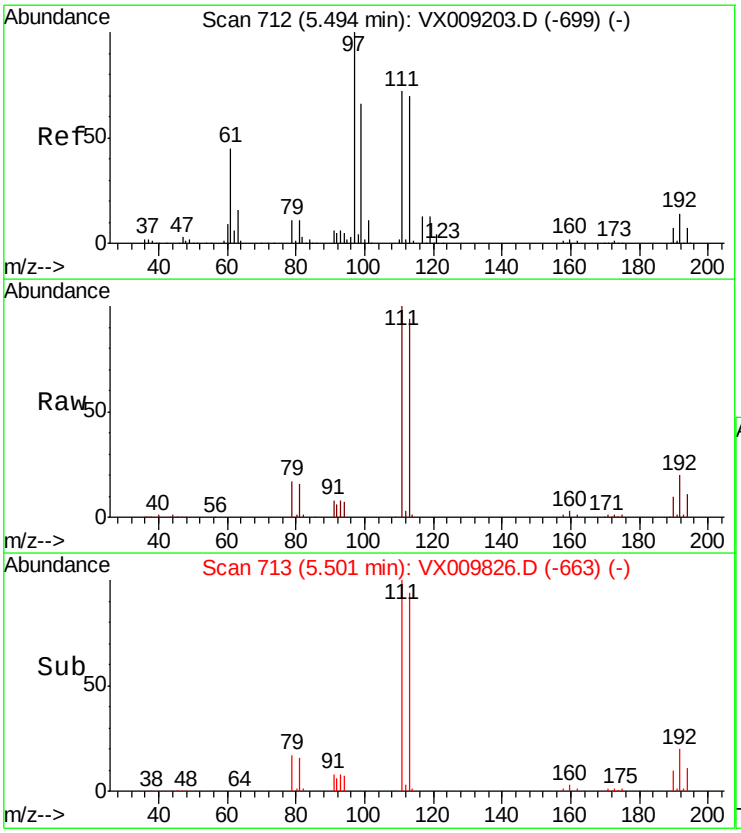
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 292125

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.3	0.0	33.2

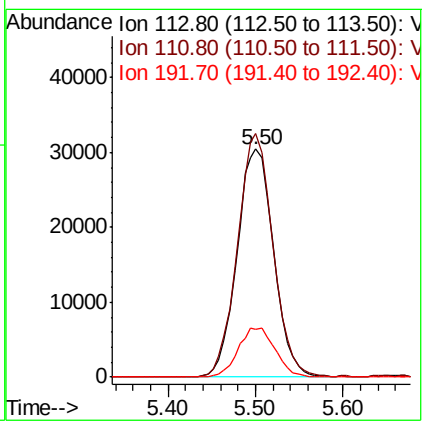


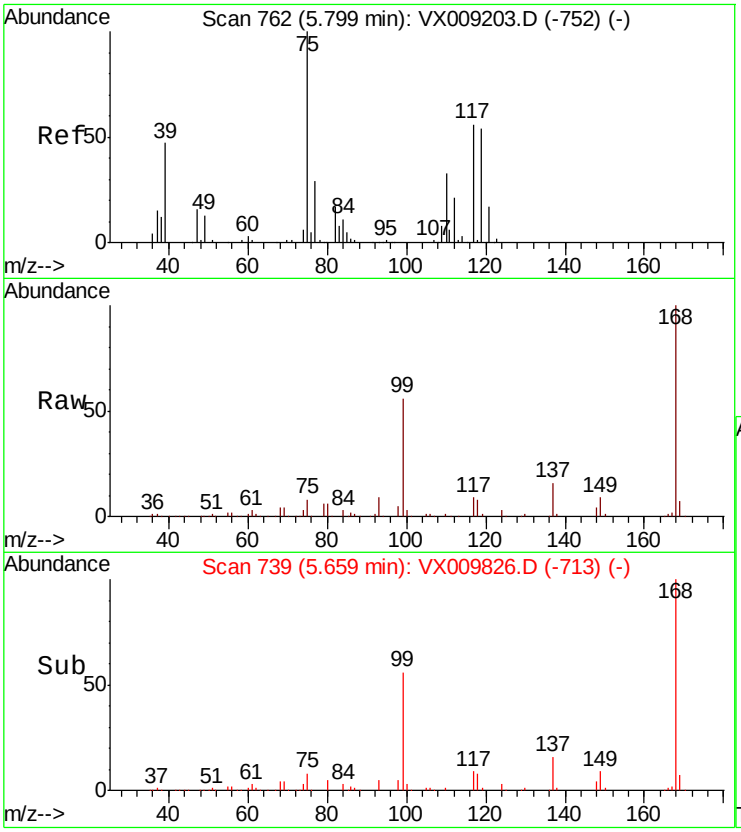


#35
Dibromofluoromethane
Concen: 48.275 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:113 Resp: 88653

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	22.0	17.0	25.6



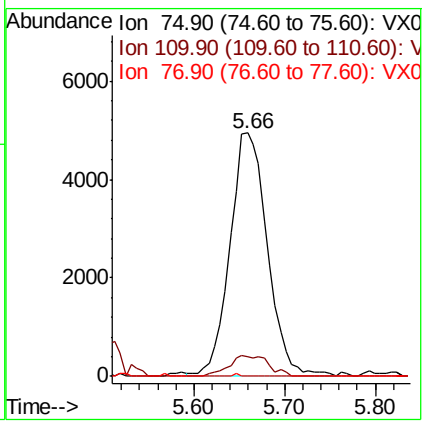


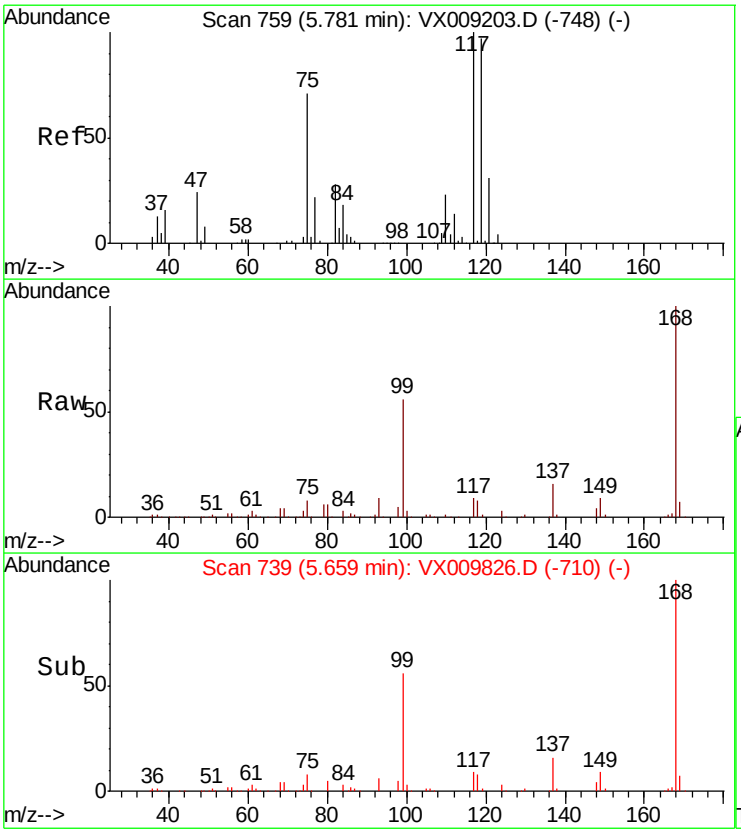
#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 14161

Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.9	50.6#
77	0.1	24.8	37.2#

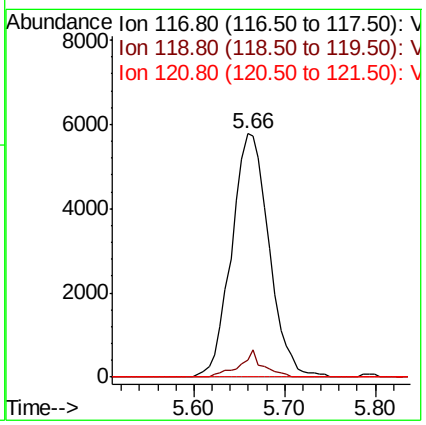


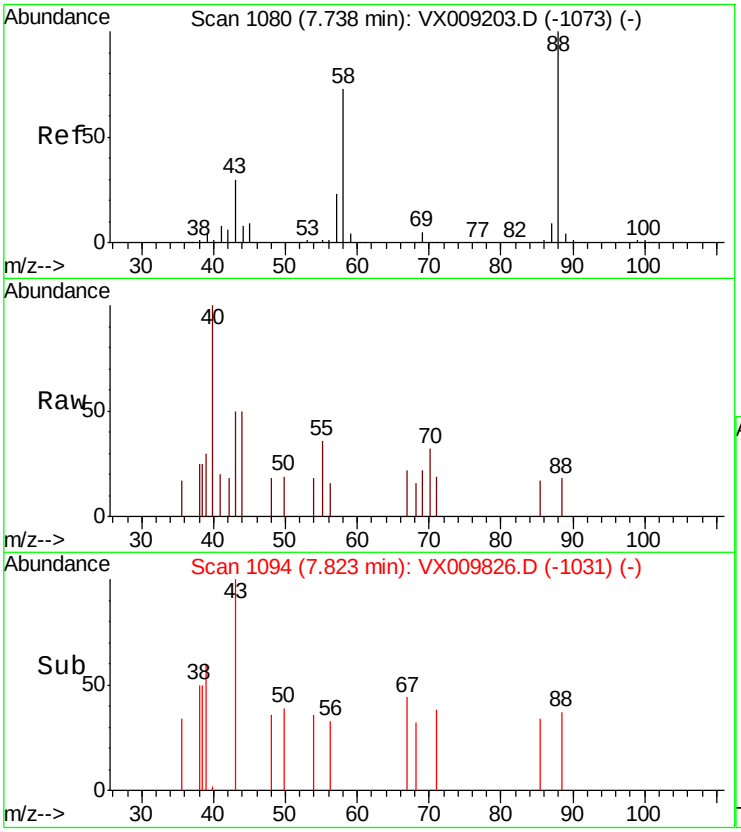


#38
Carbon Tetrachloride
Concen: 6.712 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:117 Resp: 16555

Ion	Ratio	Lower	Upper
117	100		
119	7.0	77.5	116.3#
121	0.0	24.7	37.1#



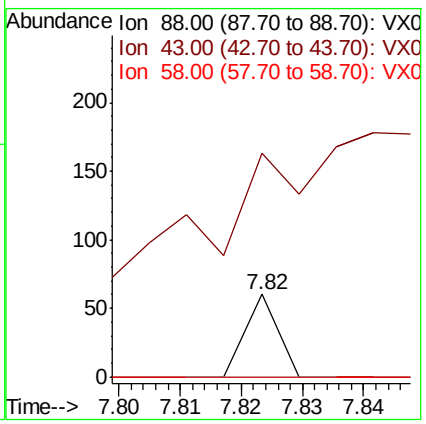


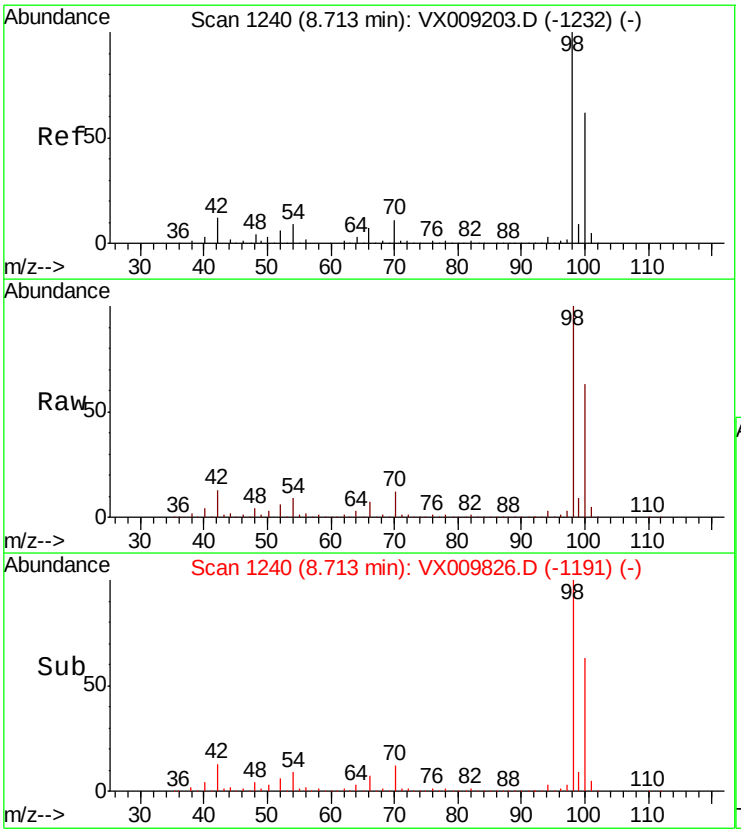
#49
1,4-Dioxane
Concen: 0.361 ug/l
RT: 7.82 min Scan# 1094
Delta R.T. 0.09 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	0.0	61.7	92.5#

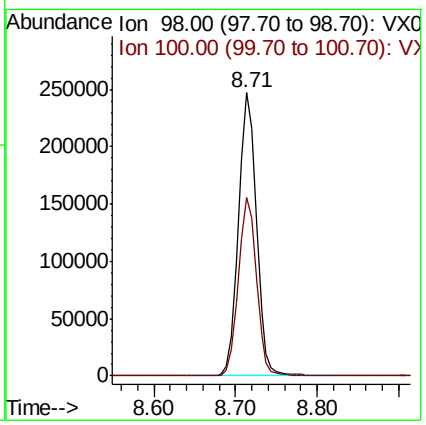


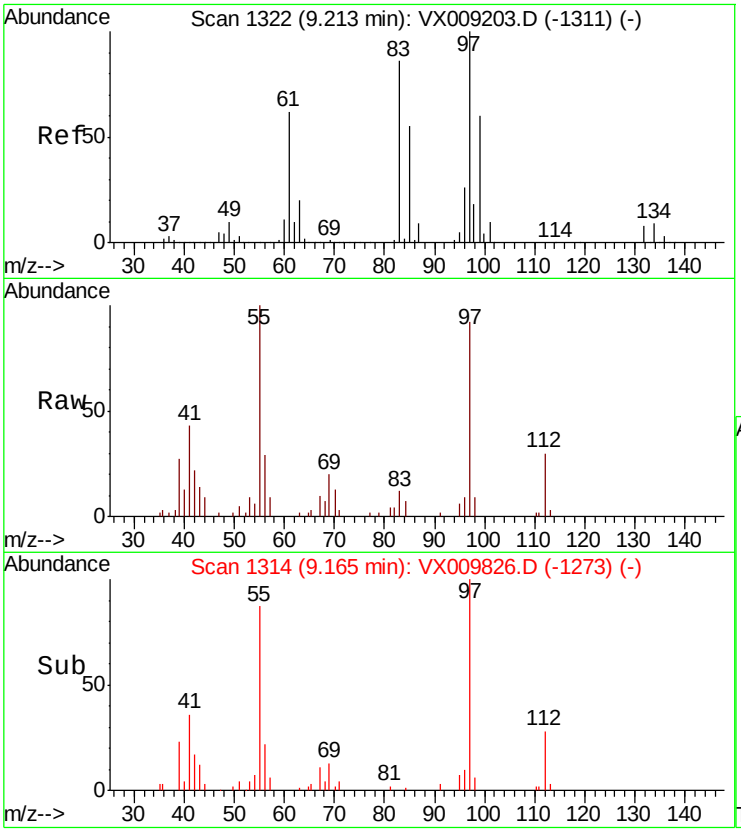


#50
Toluene-d8
Concen: 50.621 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 98 Resp: 375310

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8



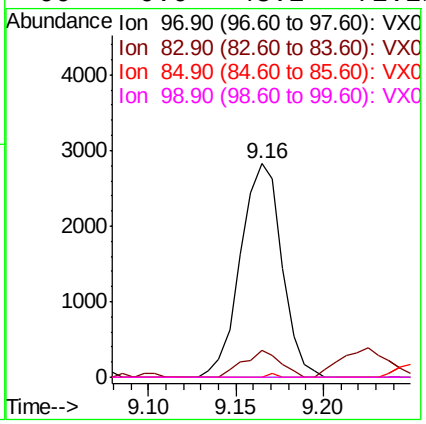


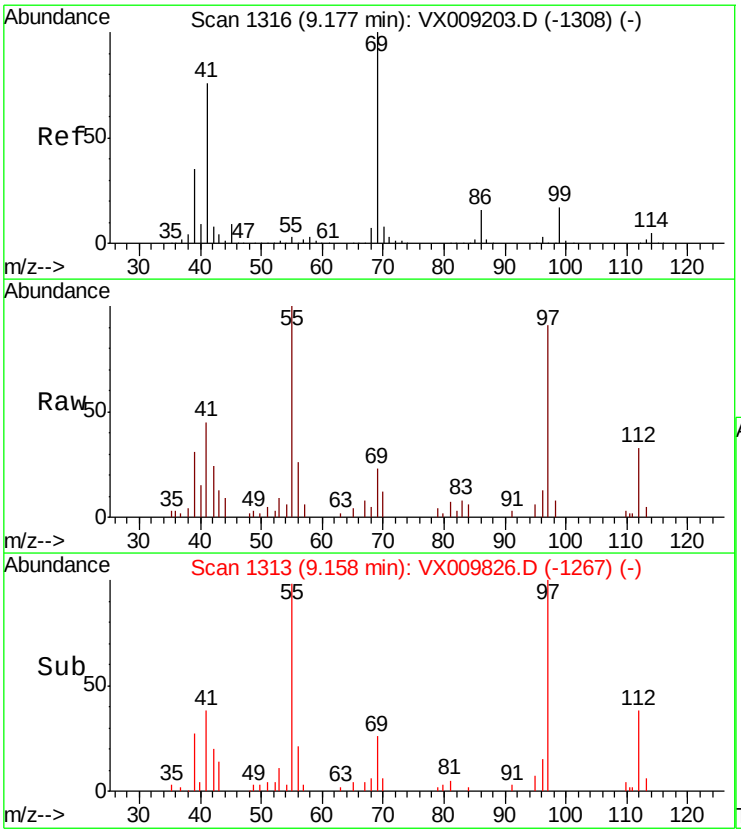
#55
1,1,2-Trichloroethane
Concen: 2.225 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 4637

Ion	Ratio	Lower	Upper
97	100		
83	12.7	68.9	103.3#
85	0.0	43.8	65.6#
99	0.0	48.2	72.2#

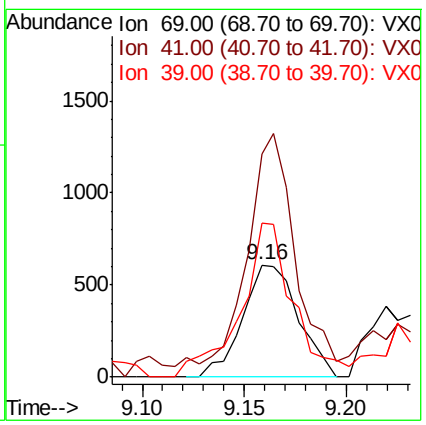


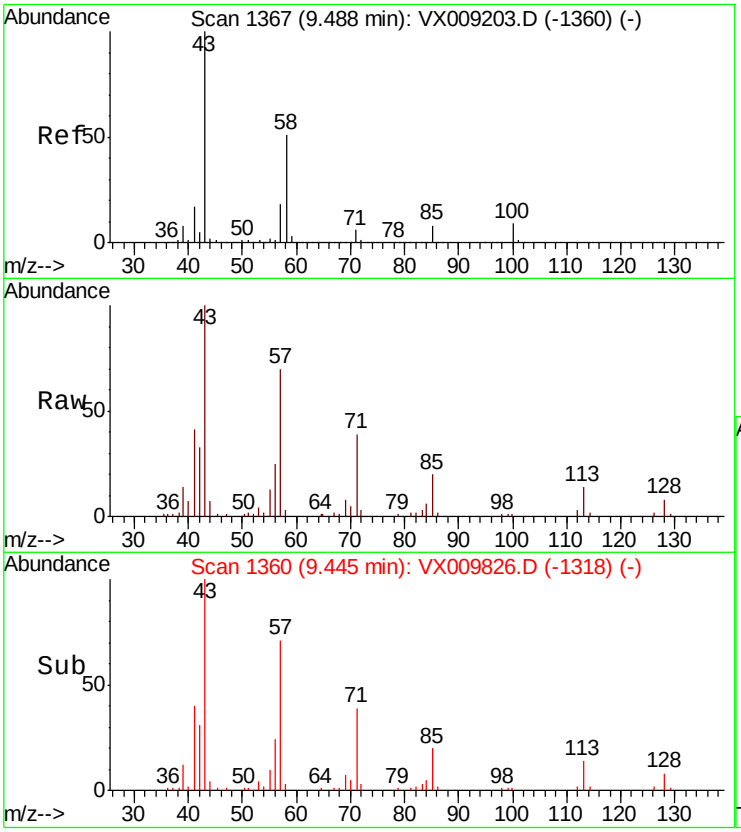


#56
Ethyl methacrylate
Concen: 0.309 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 69 Resp: 1150

Ion	Ratio	Lower	Upper
69	100		
41	173.9	60.6	90.8#
39	131.6	28.2	42.4#



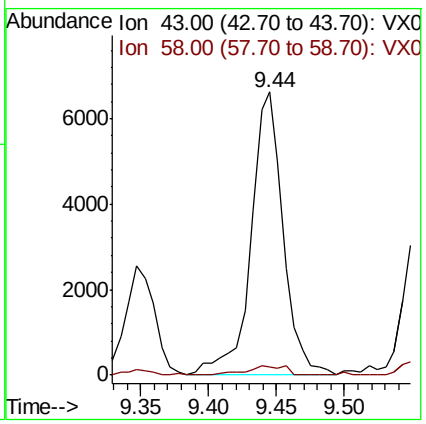


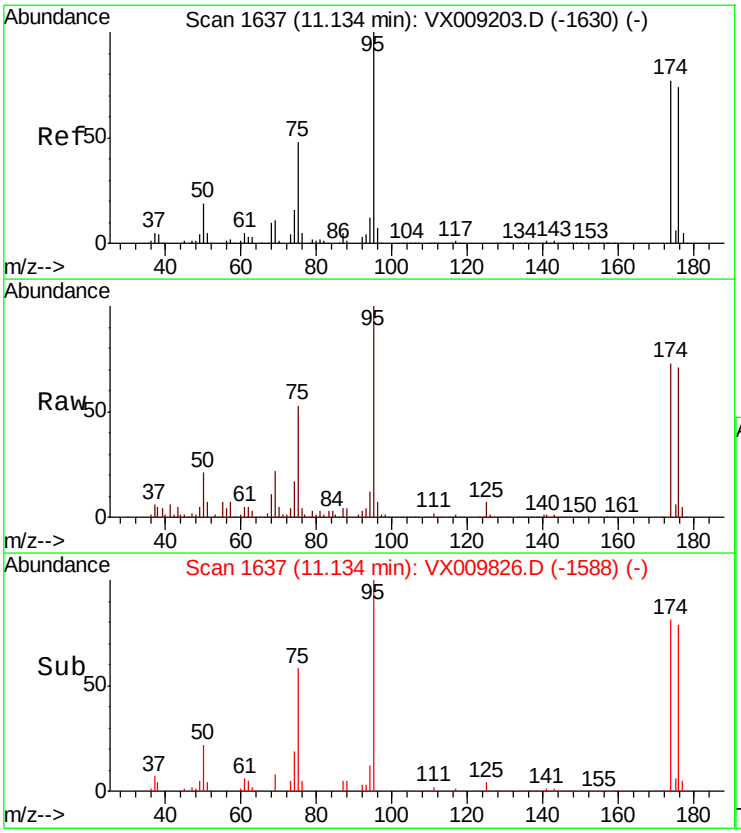
#59
2-Hexanone
Concen: 3.550 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11026

Ion	Ratio	Lower	Upper
43	100		
58	3.9	25.9	77.7#

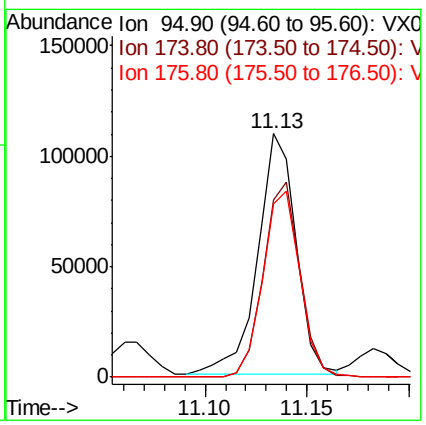


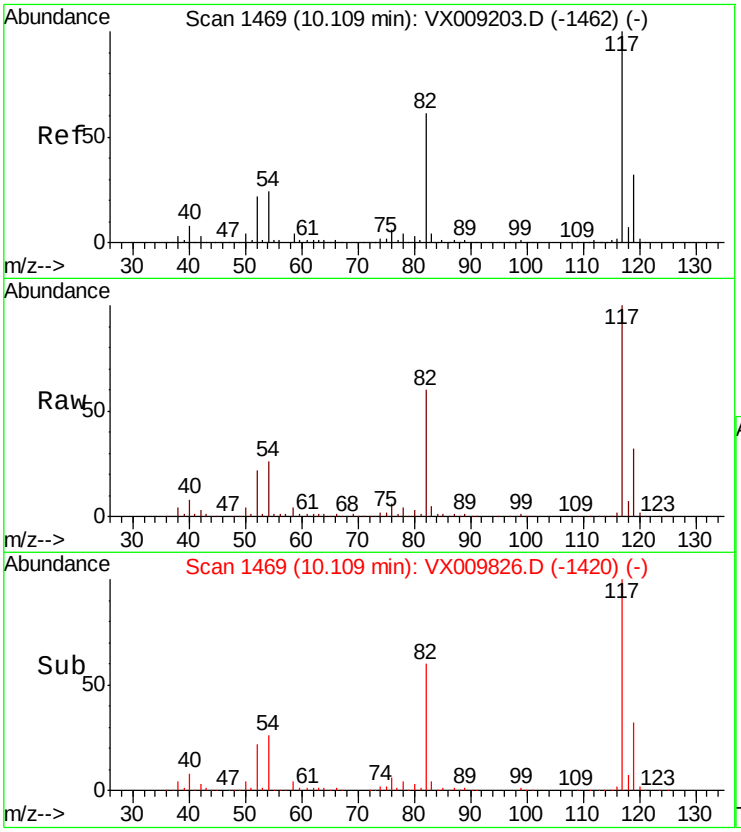


#62
4-Bromofluorobenzene
Concen: 52.943 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 95 Resp: 142628

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	161.6
176	74.9	0.0	159.2



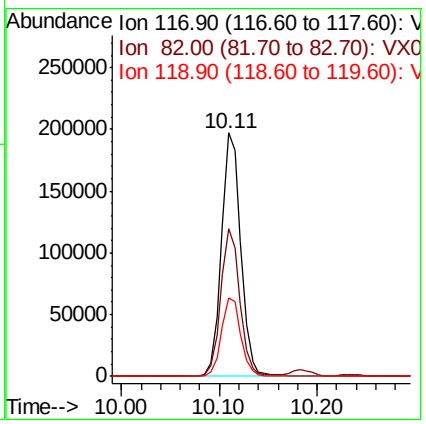


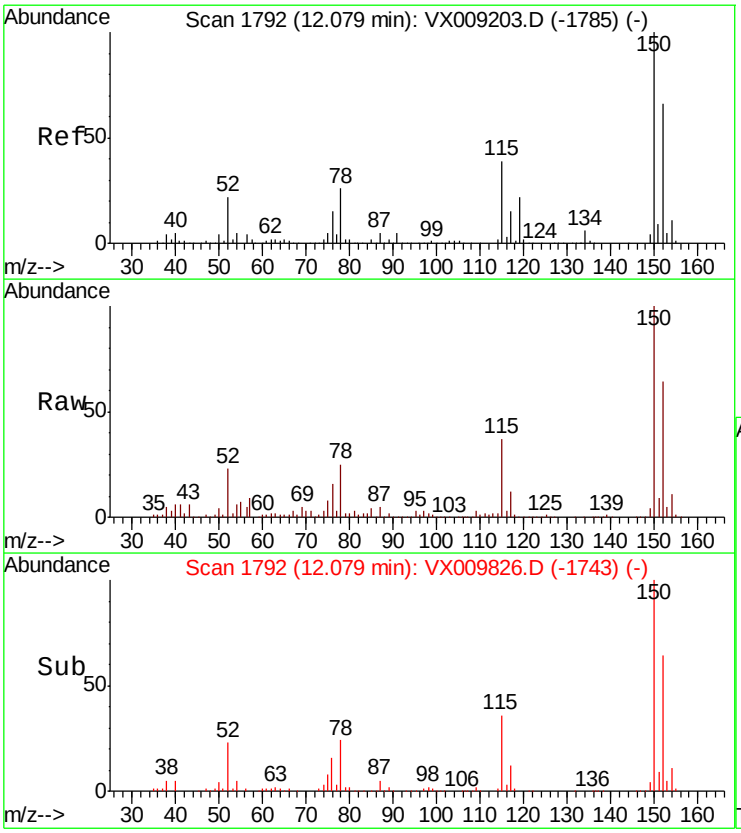
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 270079

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.0	25.8	38.6

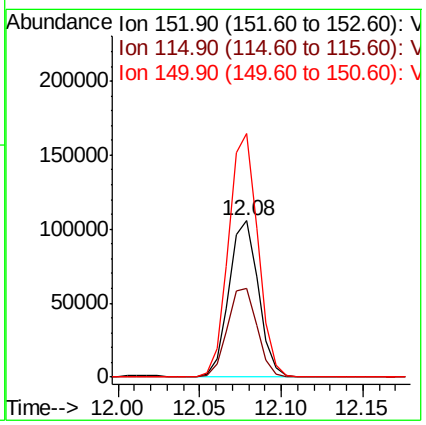


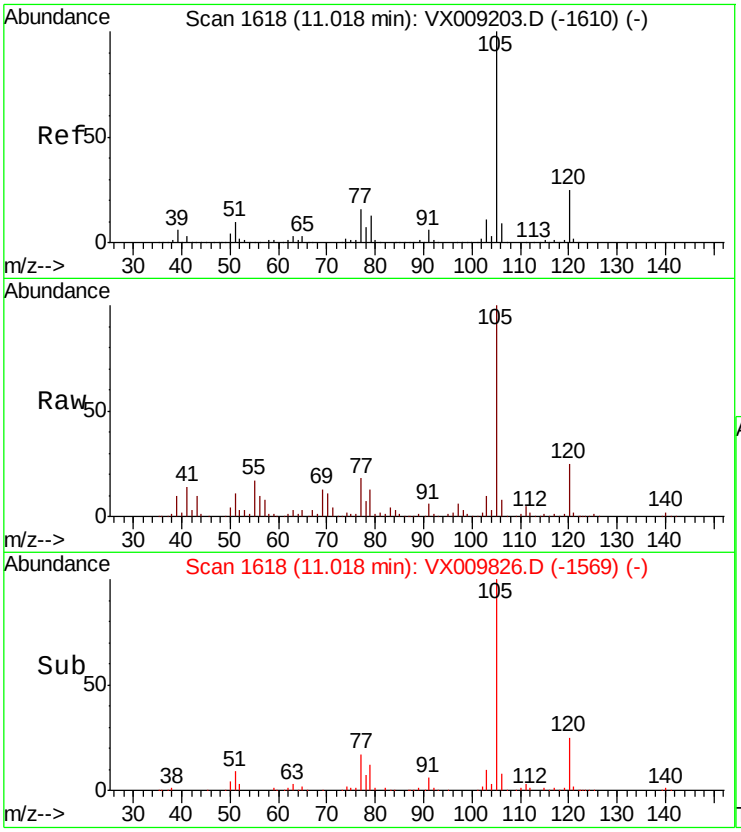


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:152 Resp: 132256

Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.2	123.6
150	155.6	0.0	346.4



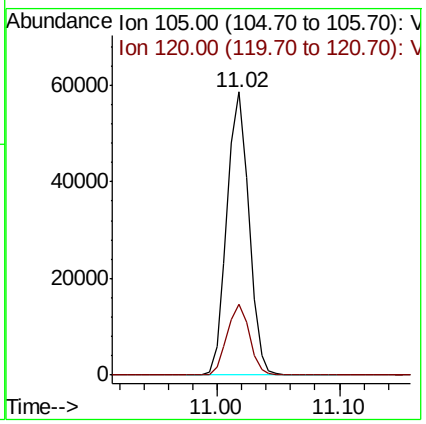


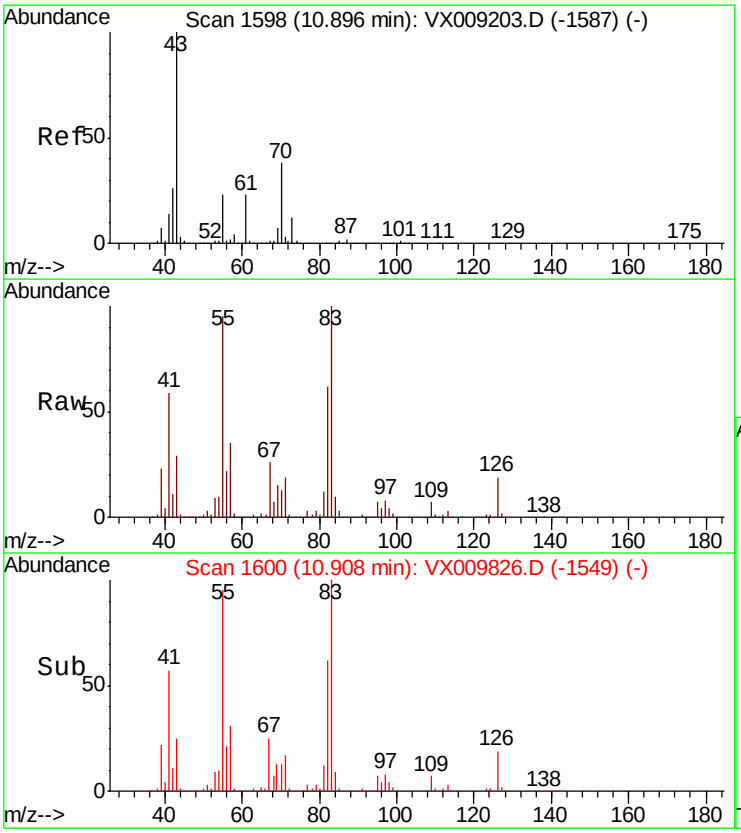
#73
Isopropylbenzene
Concen: 7.591 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 73002

Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.8	38.3

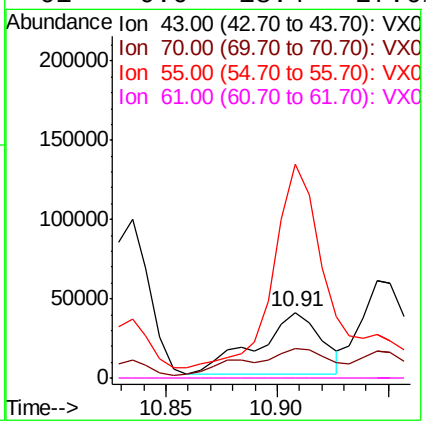


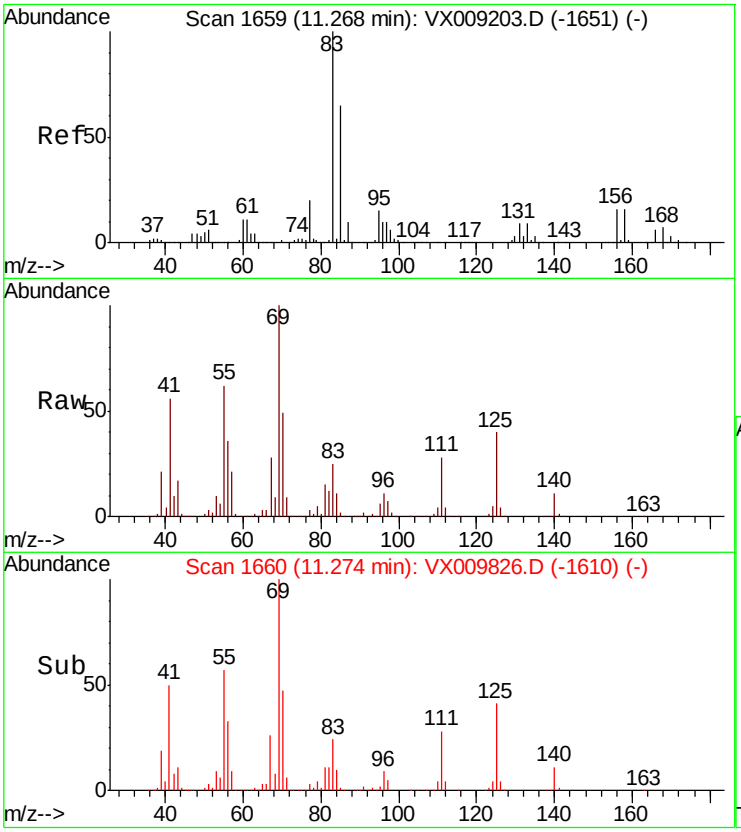


#74
N-amyl acetate
Concen: 13.794 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 43 Resp: 77345

Ion	Ratio	Lower	Upper
43	100		
70	60.4	30.0	45.0#
55	286.7	17.9	26.9#
61	0.0	18.4	27.6#



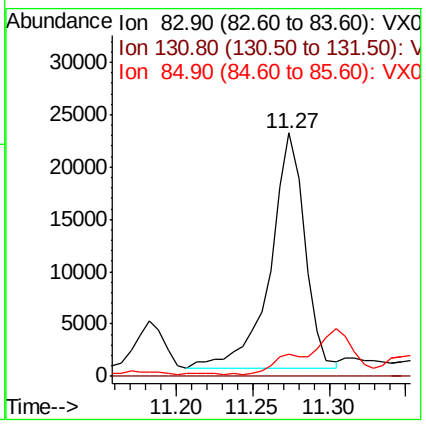


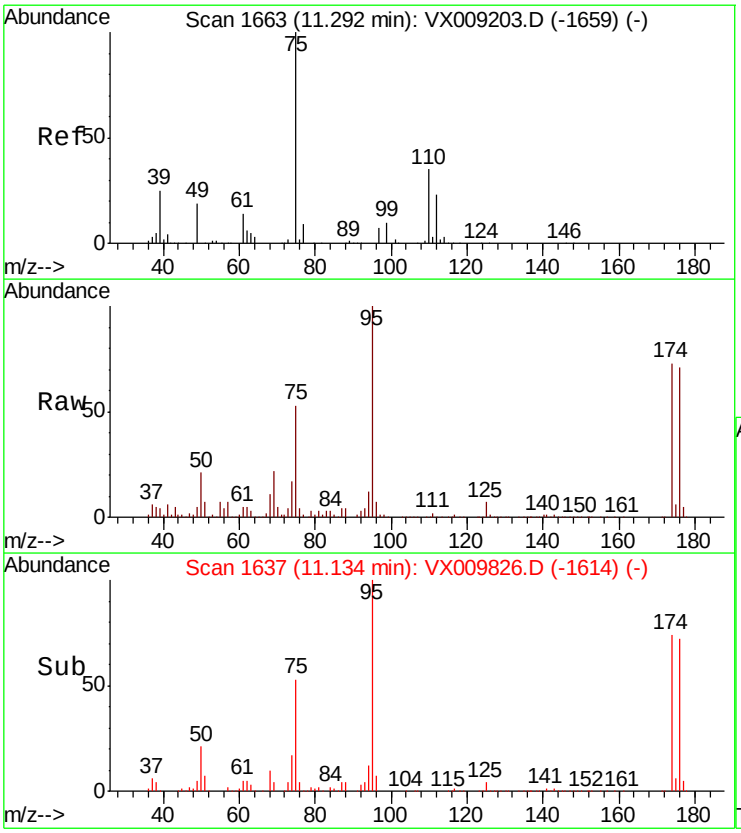
#75
1,1,2,2-Tetrachloroethane
Concen: 9.778 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 35057

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	8.4	32.0	96.2#

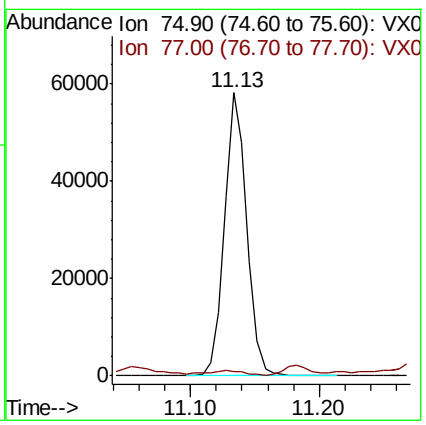


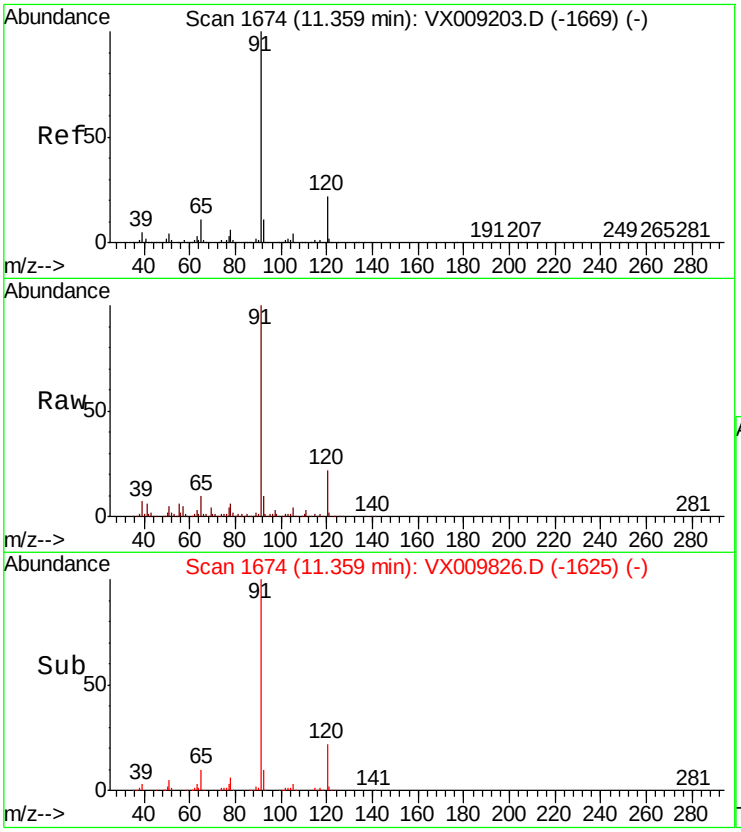


#76
1,2,3-Trichloropropane
Concen: 23.027 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 75 Resp: 70643

Ion	Ratio	Lower	Upper
75	100		
77	2.4	22.1	66.1#



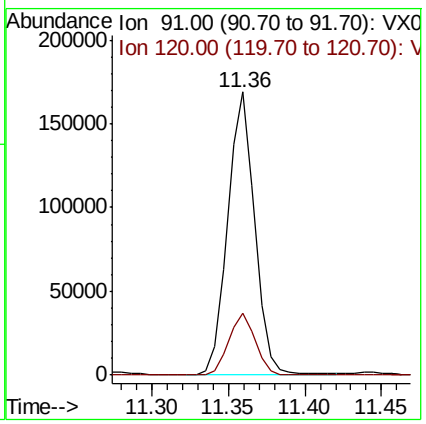


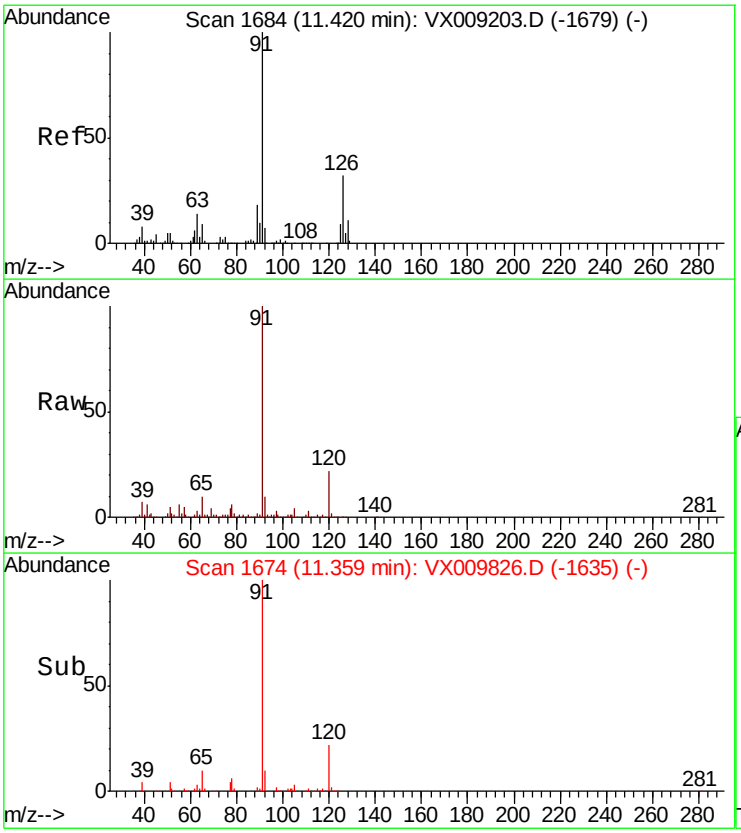
#78
n-propylbenzene
Concen: 18.666 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 205025

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.0	33.0

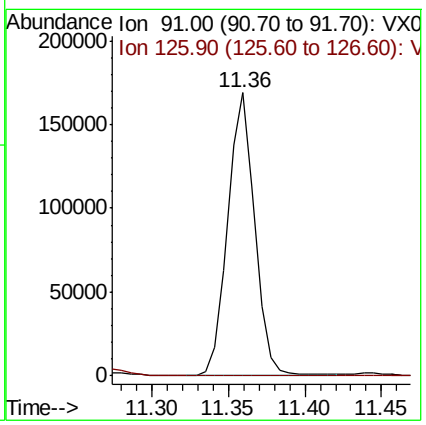


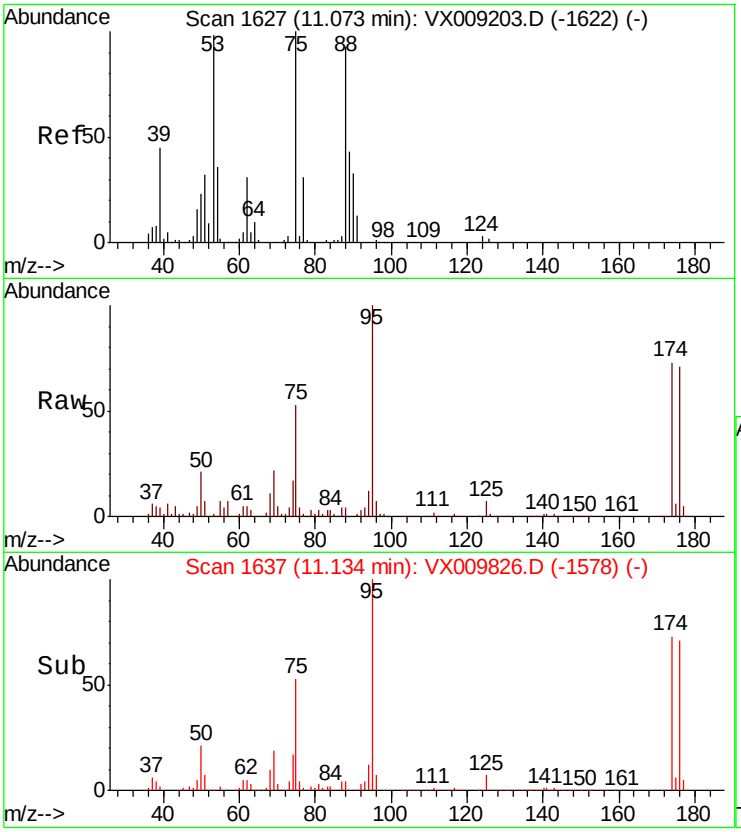


#79
2-Chlorotoluene
Concen: 30.256 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 91 Resp: 205025

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.9#



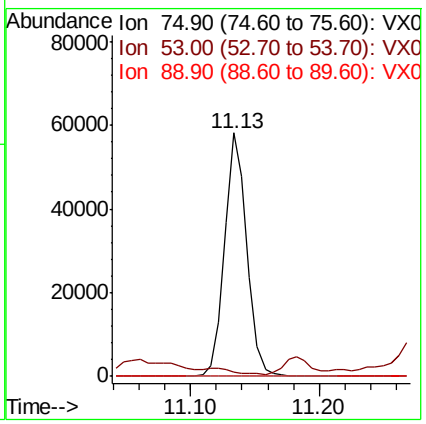


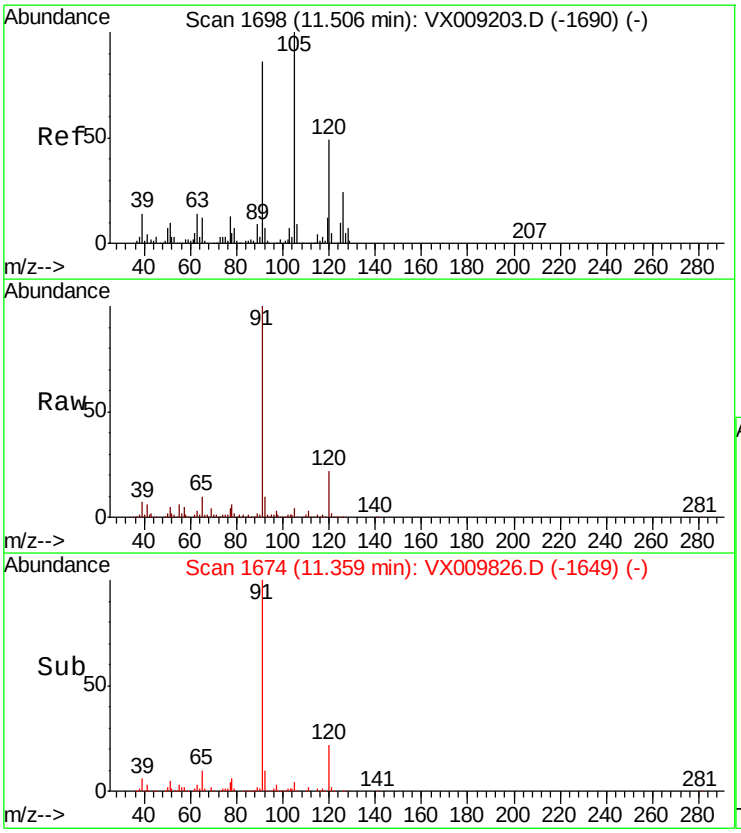
#81
trans-1,4-Dichloro-2-butene
Concen: 58.917 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 70643

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.0	118.6#
89	0.0	34.7	52.1#

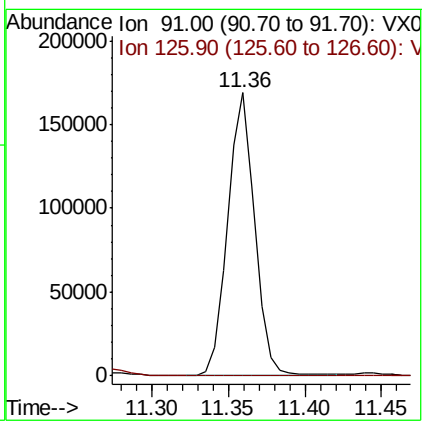


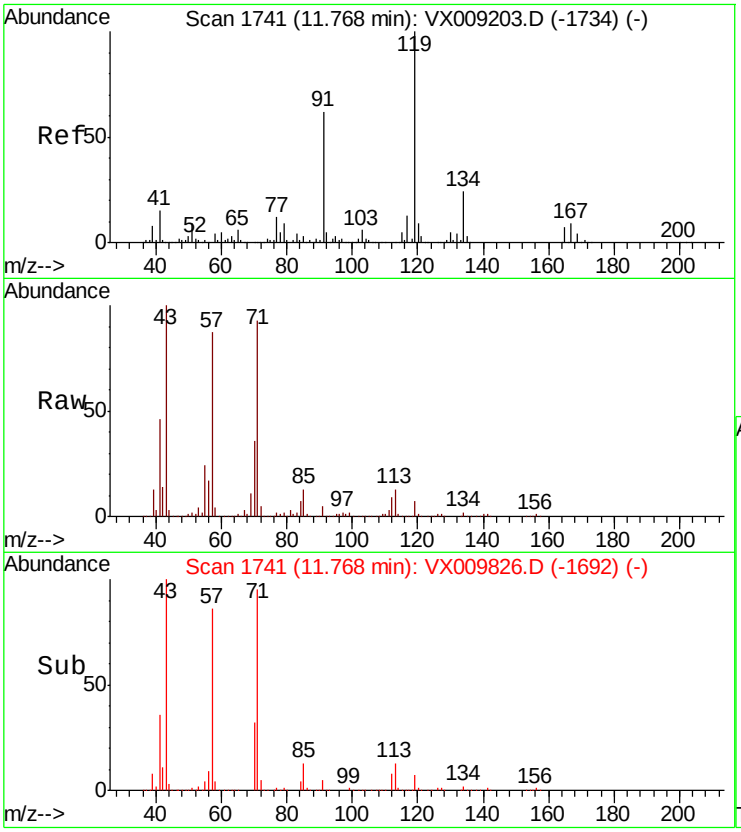


#82
4-Chlorotoluene
Concen: 26.782 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion: 91 Resp: 205025

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	43.6#



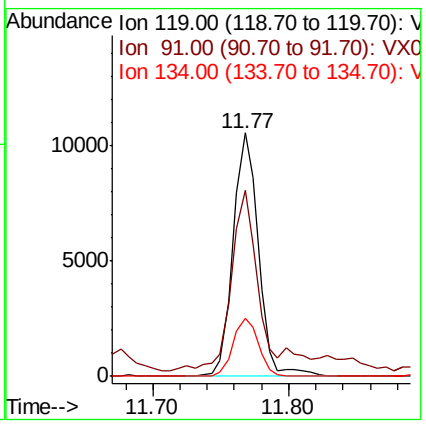


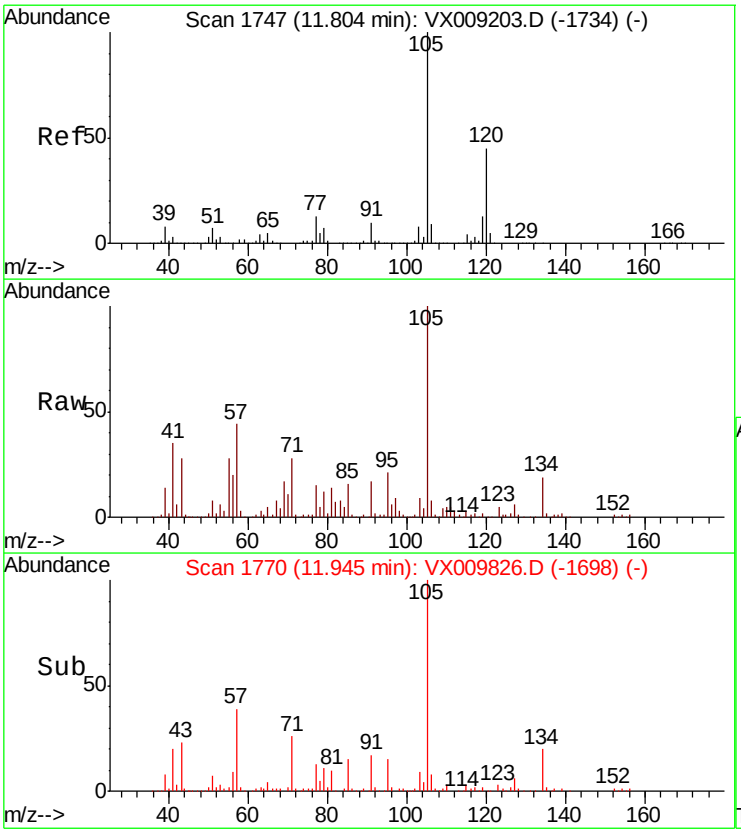
#83
tert-Butylbenzene
Concen: 1.733 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 13653

Ion	Ratio	Lower	Upper
119	100		
91	75.8	29.5	88.5
134	23.9	11.4	34.1

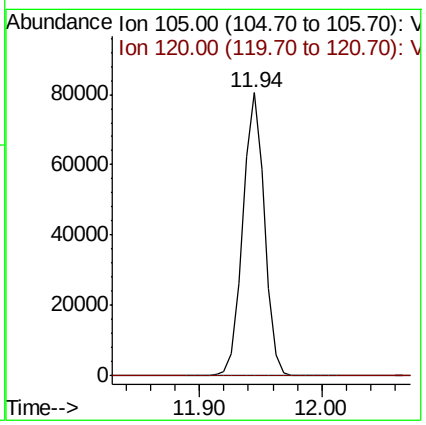


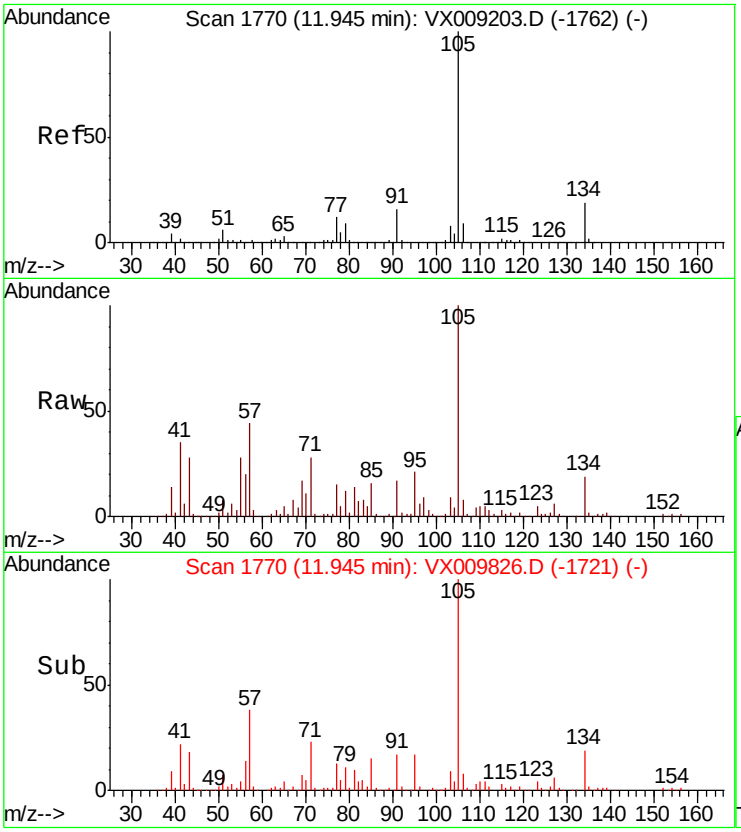


#84
1,2,4-Trimethylbenzene
Concen: 12.058 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.14 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:105 Resp: 98007

Ion	Ratio	Lower	Upper
105	100		
120	0.1	22.0	66.0#



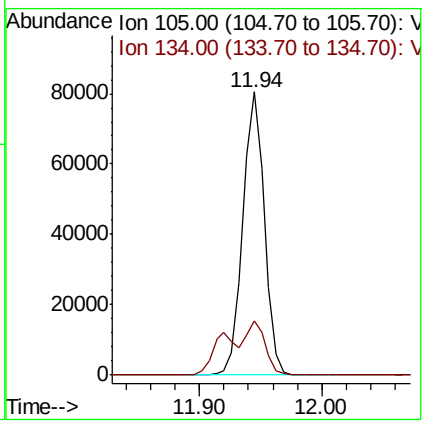


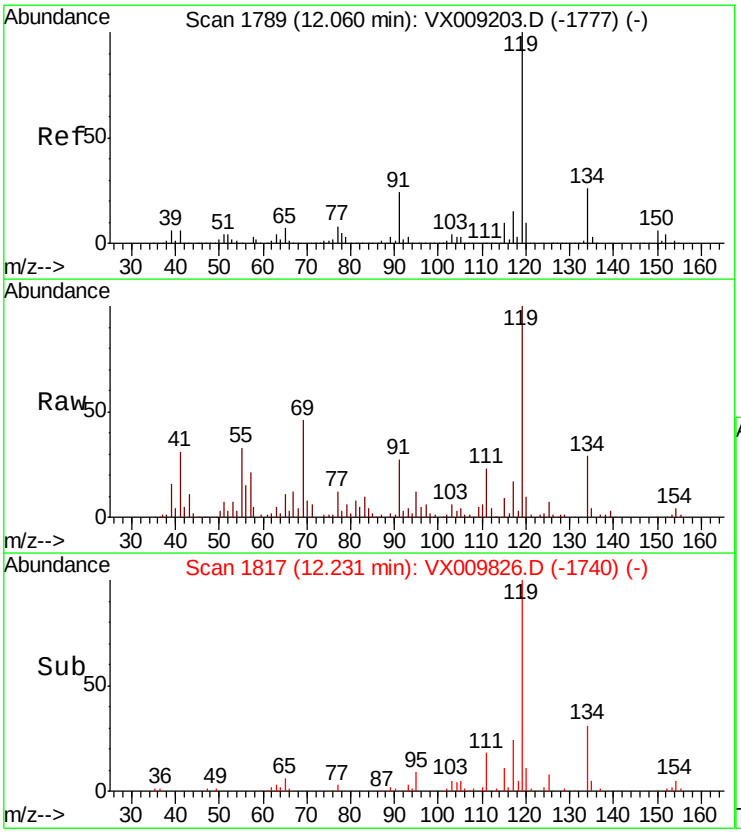
#85
sec-Butylbenzene
Concen: 10.494 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 98007

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.7	28.9

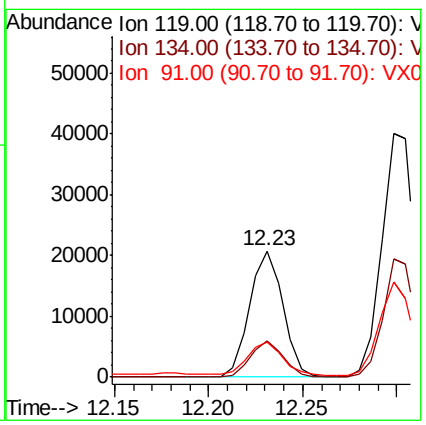


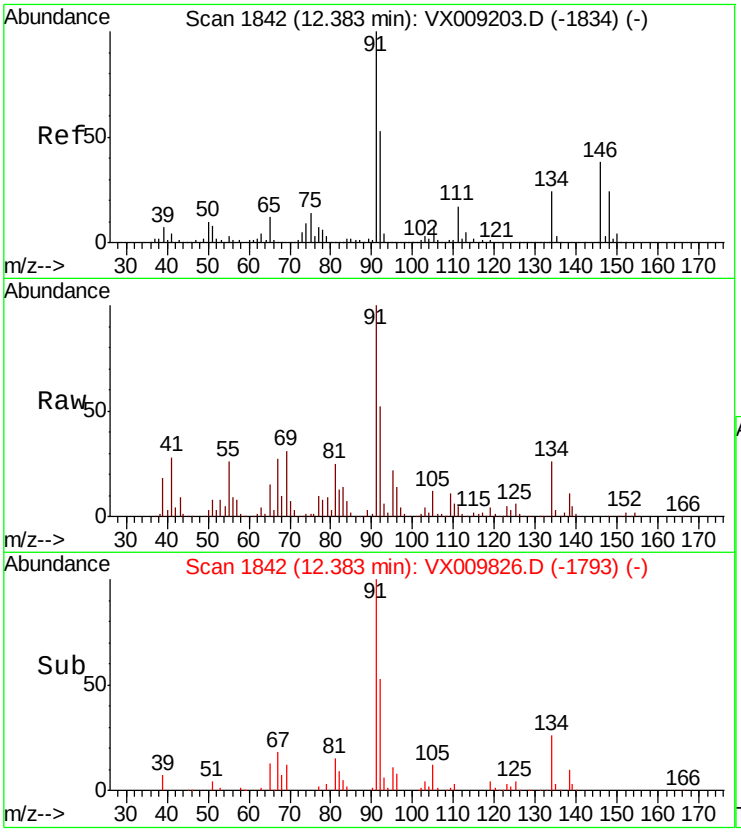


#86
p-Isopropyltoluene
Concen: 3.041 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:119 Resp: 25529

Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.7
91	29.9	11.8	35.4



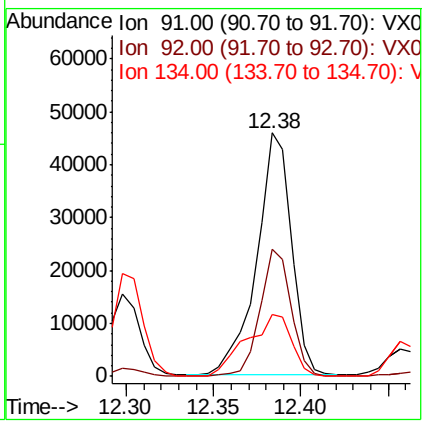


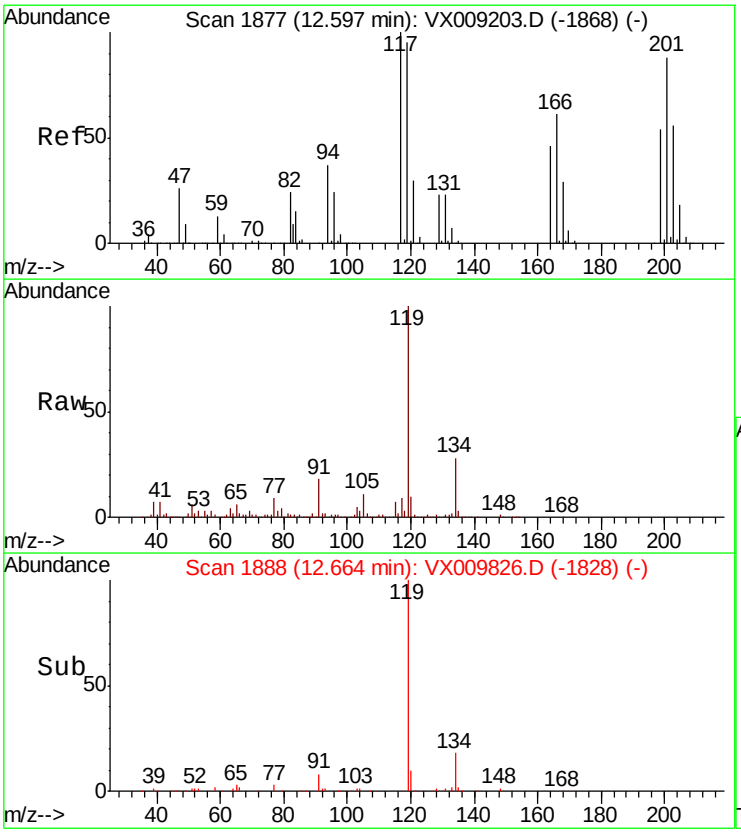
#89
n-Butylbenzene
Concen: 8.350 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 63364

Ion	Ratio	Lower	Upper
91	100		
92	46.9	26.5	79.5
134	33.5	12.4	37.2





#90
Hexachloroethane
Concen: 9.706 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX009826.D
Acq: 23 May 2019 00:54

Tgt Ion:117 Resp: 13884

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#