Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

Quantitation Report (Not Reviewed)

Data File : VX013925.D
Acq On : 11 Dec 2019 03:04
Operator : JC/SP
Sample : K6237-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY038PS027-191209

Quant Time: Dec 11 04:56:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	586895	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	902611	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	806855	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365668	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	331738	48.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.40%				
35) Dibromofluoromethane	5.49	113	272972	48.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.84%				
50) Toluene-d8	8.71	98	1063270	48.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.82%				
62) 4-Bromofluorobenzene	11.14	95	361460	46.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.22%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2995	0.409	ug/l	#	84
11) Tert butyl alcohol	3.01	59	5915	3.518	ug/l	#	76
13) Acrolein	2.28	56	604	6.528	ug/l	#	48
16) Acetone	2.43	43	24872	7.395	ug/l		90
25) 2-Butanone	4.67	43	26917	5.385	ug/l		97
27) cis-1,2-Dichloroethene	4.59	96	79482	11.375	ug/l		90
29) Tetrahydrofuran	5.12	42	20933	6.793	ug/l		98
36) 1,1-Dichloropropene	5.65	75	40319	4.921	ug/l	#	51
37) Ethyl Acetate	4.67	43	26917	2.928	ug/l	#	71
38) Carbon Tetrachloride	5.65	117	51472	6.813	ug/l	#	15
41) Methacrylonitrile	5.03	41	1087	0.216	ug/l	#	24
44) Trichloroethene	7.21	130	21362	3.119	ug/l		90
48) Methyl methacrylate	7.78	41	1791	0.244	ug/l	#	45
49) 1,4-Dioxane	7.75	88	508	3.087	ug/l	#	1
52) Toluene	8.78	92	9776	0.631	ug/l		97
64) Tetrachloroethene	9.33	164	11443	1.902	ug/l		92
65) Chlorobenzene	10.14	112	22329	1.333	ug/l		92
68) m/p-Xylenes	10.35	106	4065	0.369	ug/l		78
69) o-Xylene	10.70	106	2287	0.213	ug/l		89
76) 1,2,3-Trichloropropane	11.13	75	177323	21.560	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	177323	58.985	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.08	75	391	0.202	ug/l		60

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

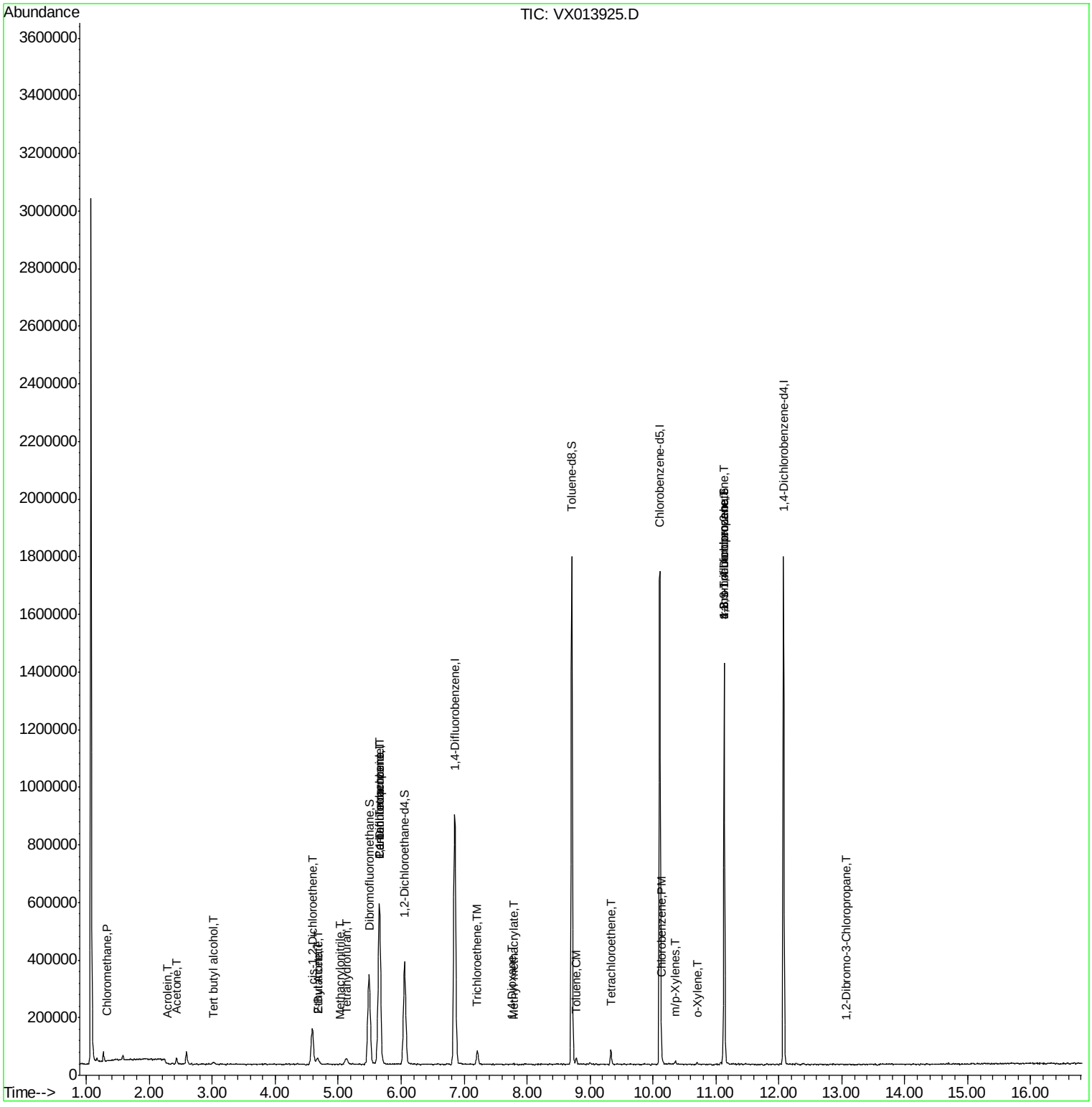
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

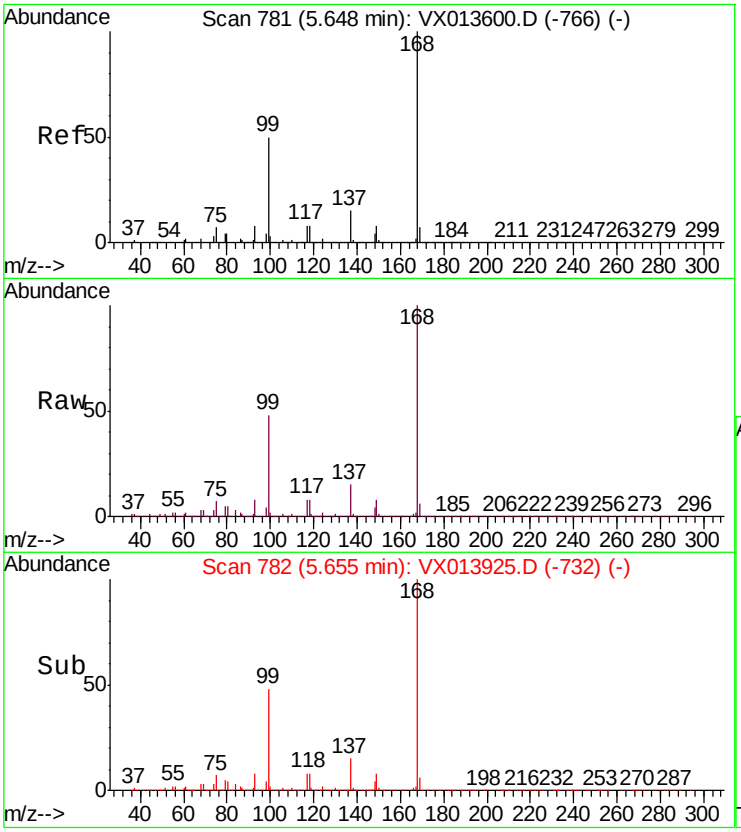
Quantitation Report (Not Reviewed)

Data File : VX013925.D
Acq On : 11 Dec 2019 03:04
Operator : JC/SP
Sample : K6237-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Quant Time: Dec 11 04:56:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



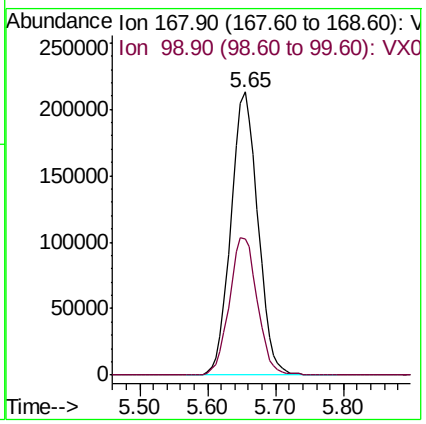


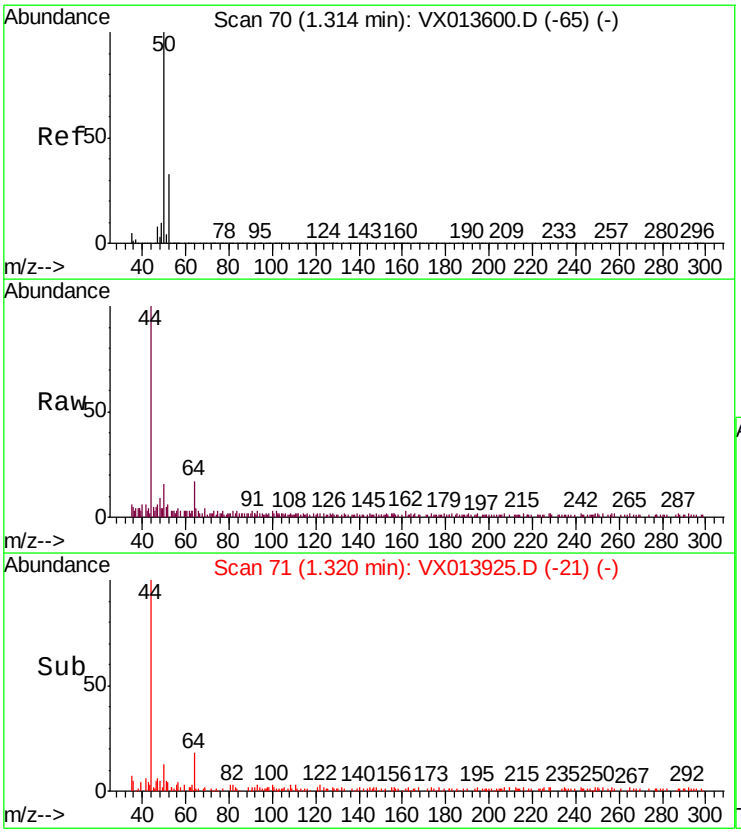
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:168 Resp: 586895

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.8	59.8

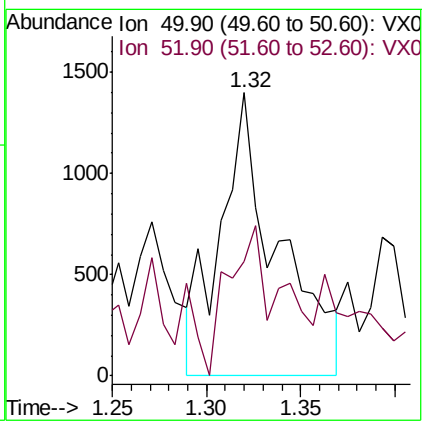


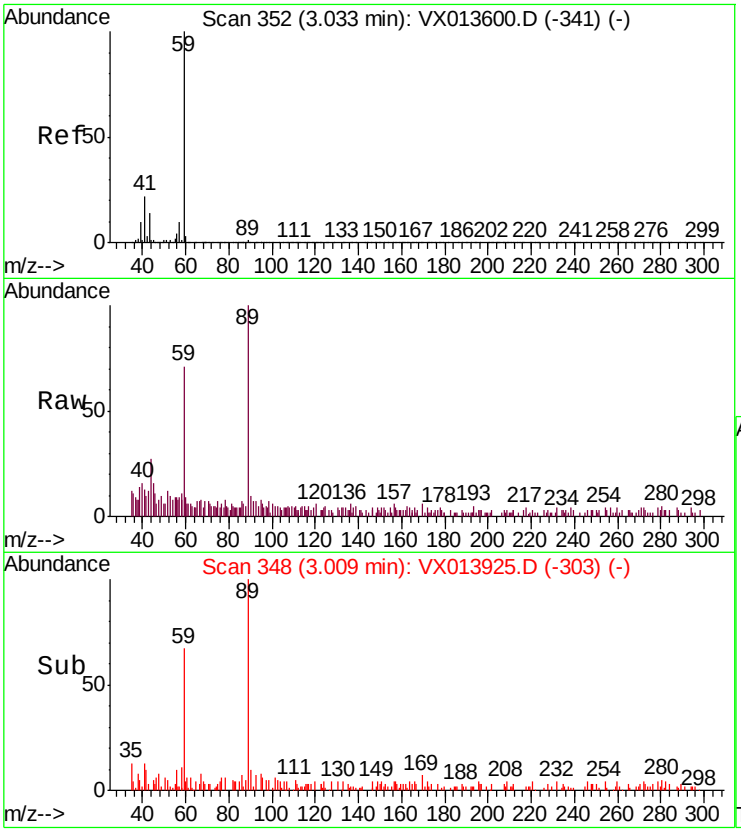


#3
Chloromethane
Concen: 0.409 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 50 Resp: 2995

Ion	Ratio	Lower	Upper
50	100		
52	23.6	26.0	39.0#



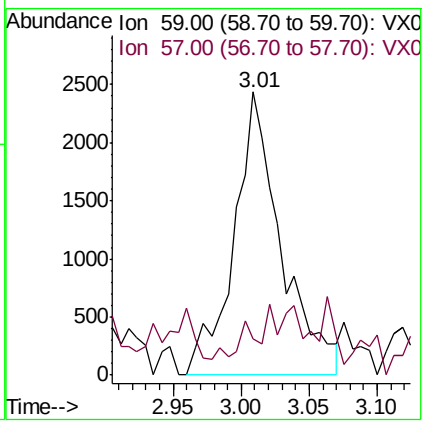


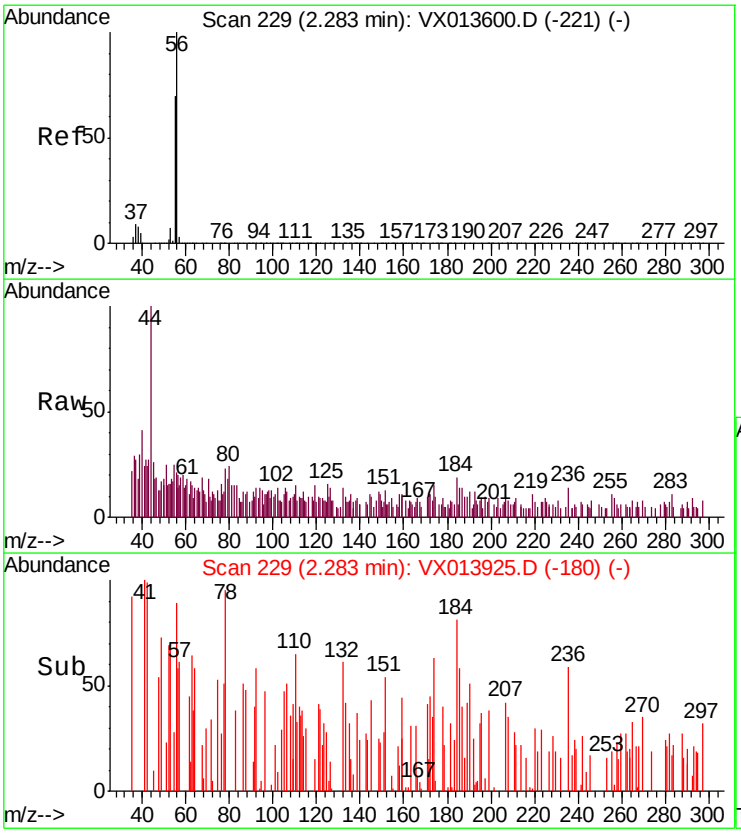
#11
Tert butyl alcohol
Concen: 3.518 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 59 Resp: 5915

Ion	Ratio	Lower	Upper
59	100		
57	18.5	7.8	11.6#

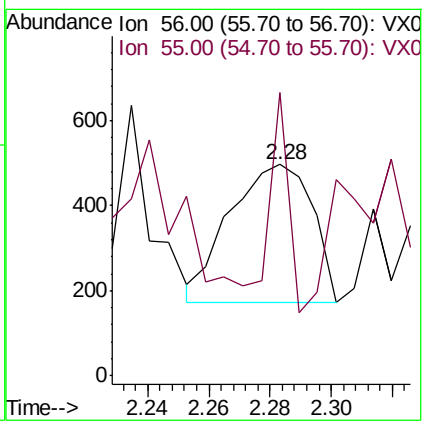


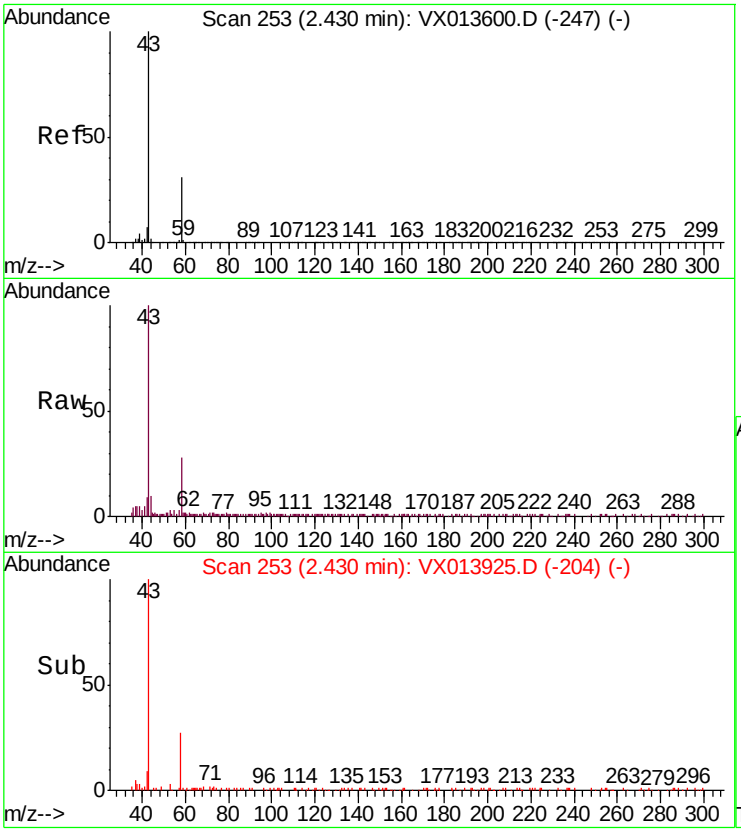


#13
Acrolein
Concen: 6.528 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 56 Resp: 604

Ion	Ratio	Lower	Upper
56	100		
55	27.3	56.2	84.4#



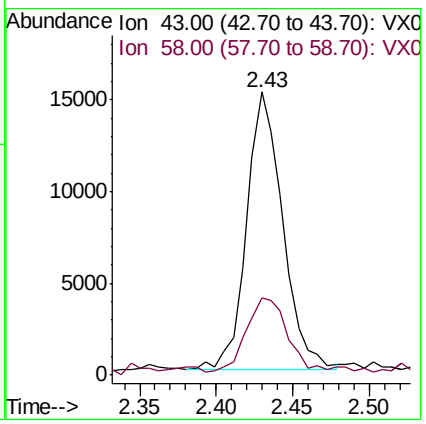


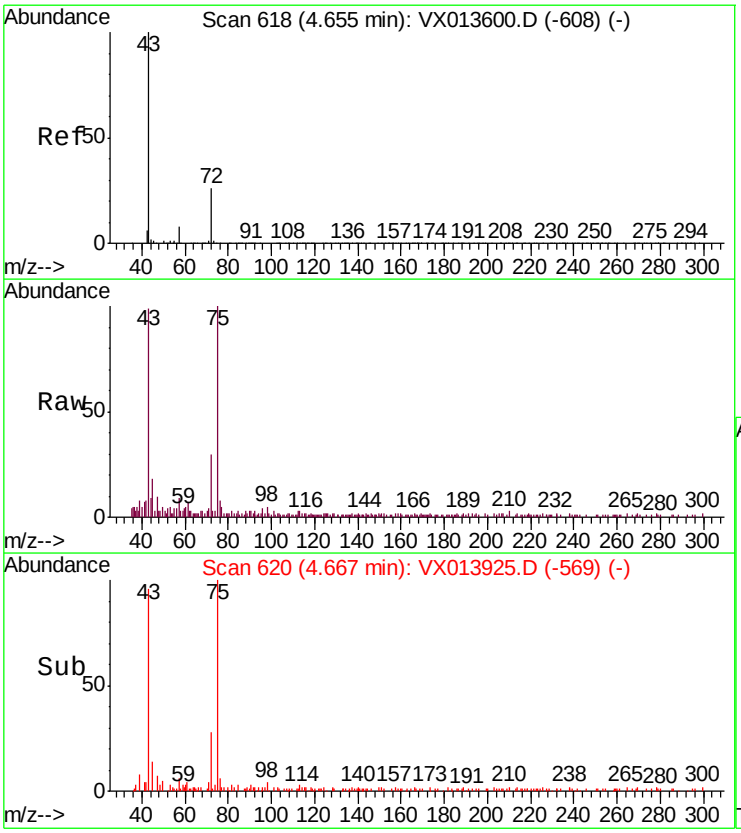
#16
Acetone
Concen: 7.395 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 43 Resp: 24872

Ion	Ratio	Lower	Upper
43	100		
58	25.3	24.6	36.8

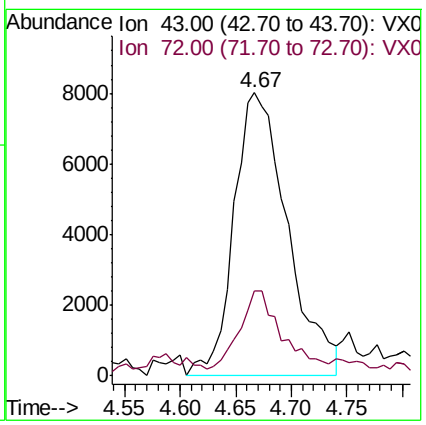


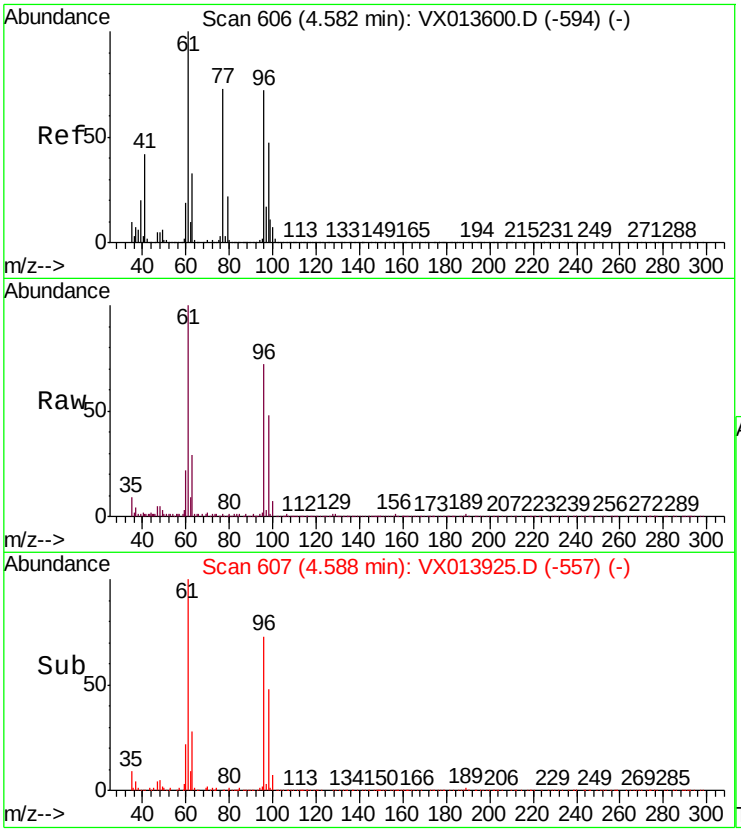


#25
2-Butanone
Concen: 5.385 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 43 Resp: 26917

Ion	Ratio	Lower	Upper
43	100		
72	24.0	20.6	31.0



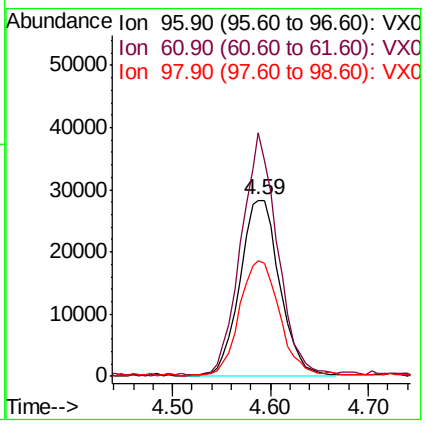


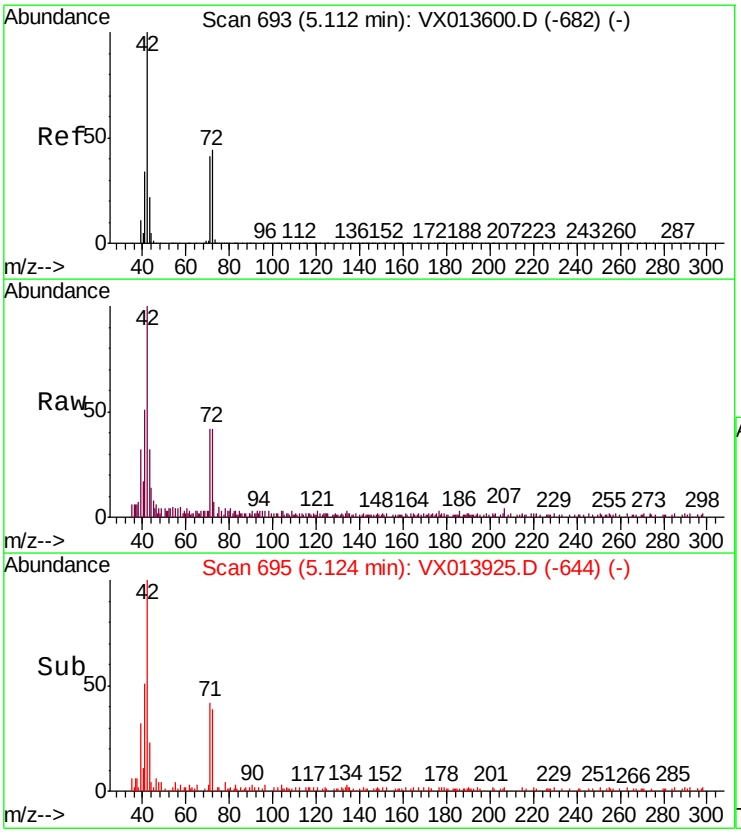
#27
cis-1,2-Dichloroethene
Concen: 11.375 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 96 Resp: 79482

Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	286.4
98	65.8	0.0	127.4

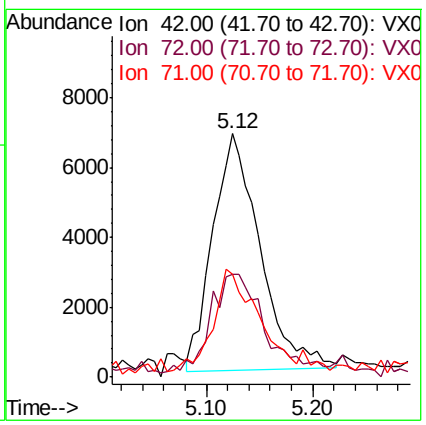


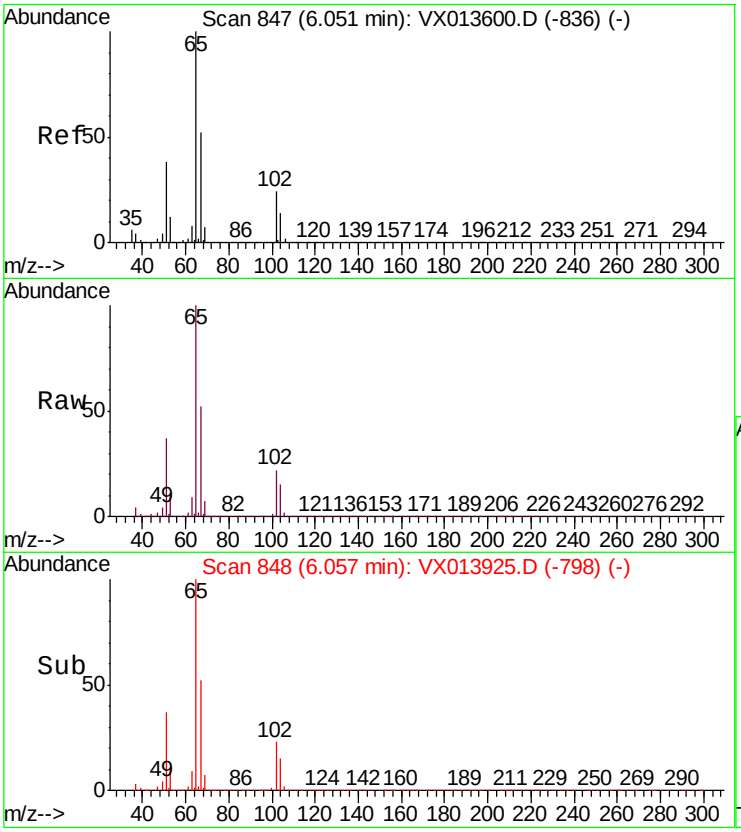


#29
Tetrahydrofuran
Concen: 6.793 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 42 Resp: 20933

Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.3	54.5
71	39.5	33.2	49.8



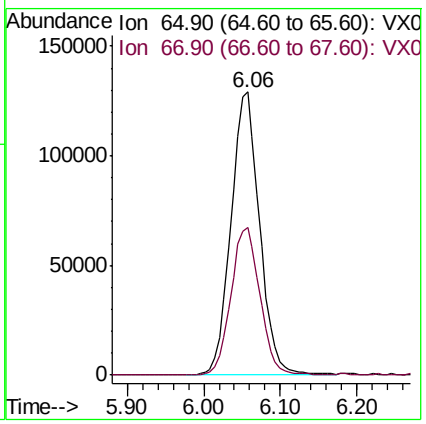


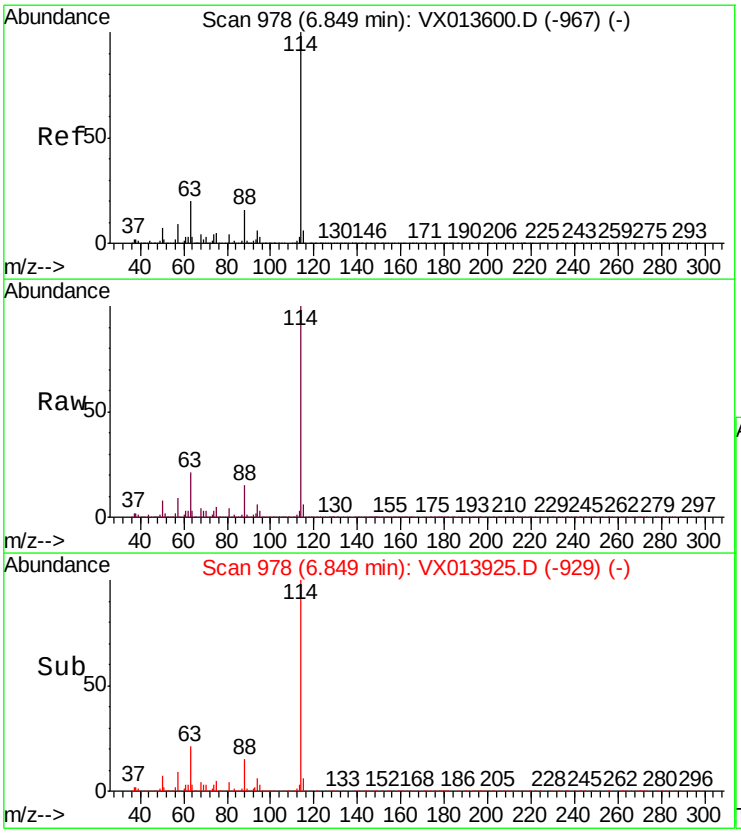
#33
1,2-Dichloroethane-d4
Concen: 48.695 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 65 Resp: 331738

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.4

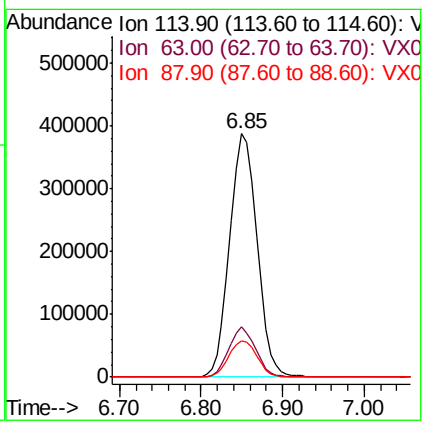


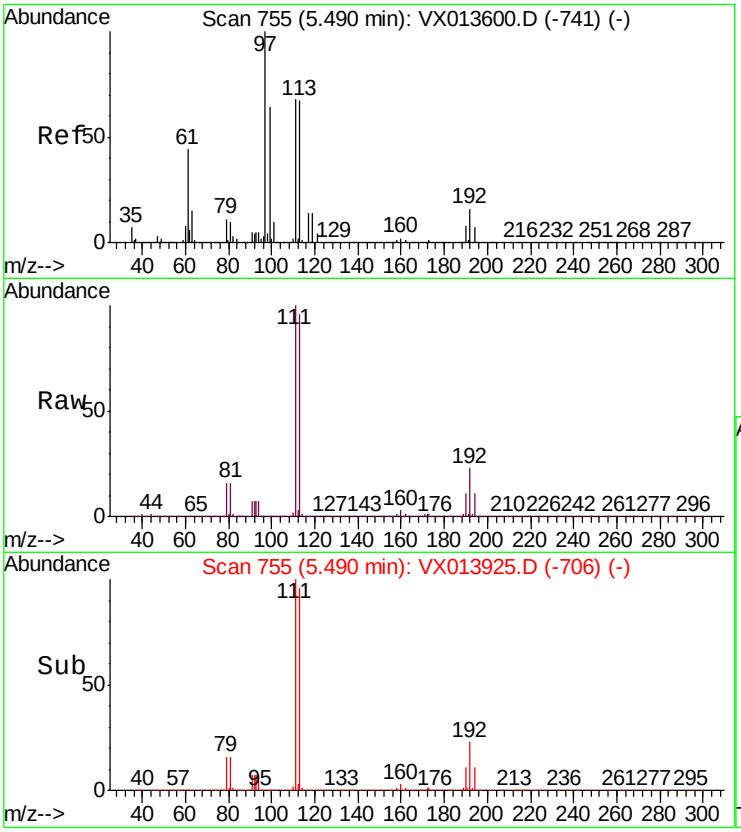


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:114 Resp: 902611

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	14.6	0.0	31.4



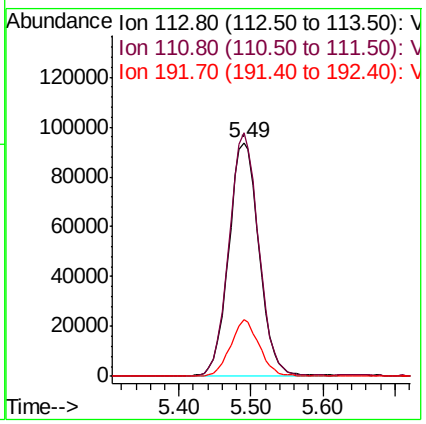


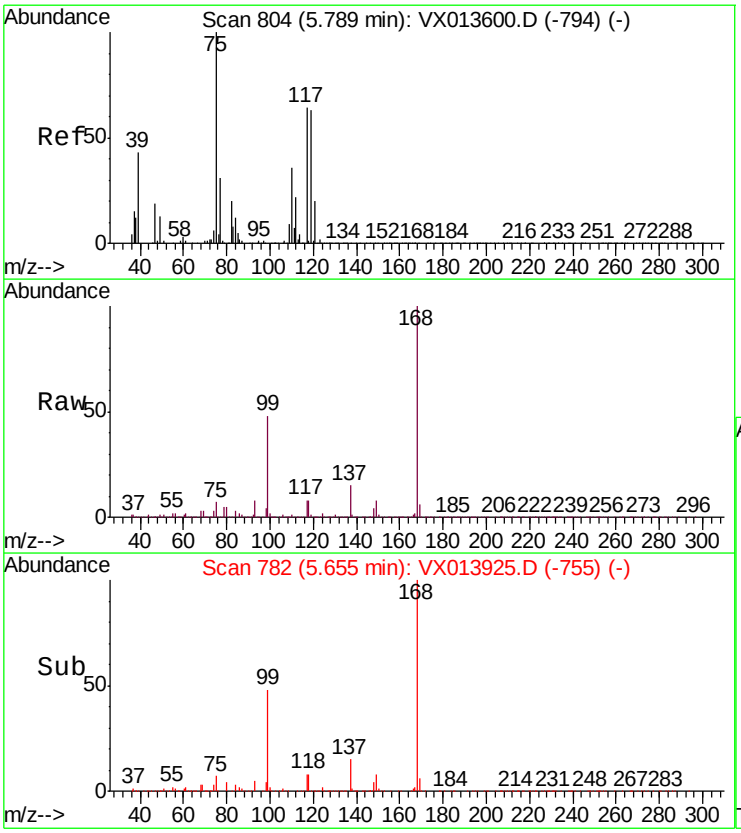
#35
Dibromofluoromethane
Concen: 48.919 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:113 Resp: 272972

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.6	125.4
192	23.3	19.2	28.8

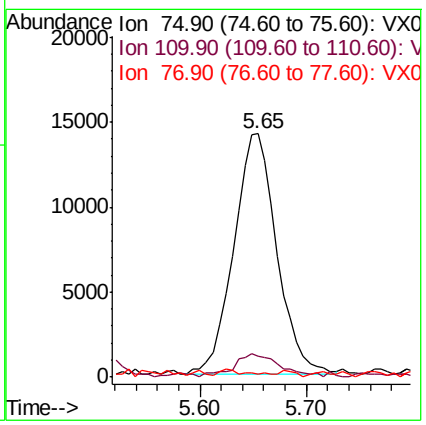


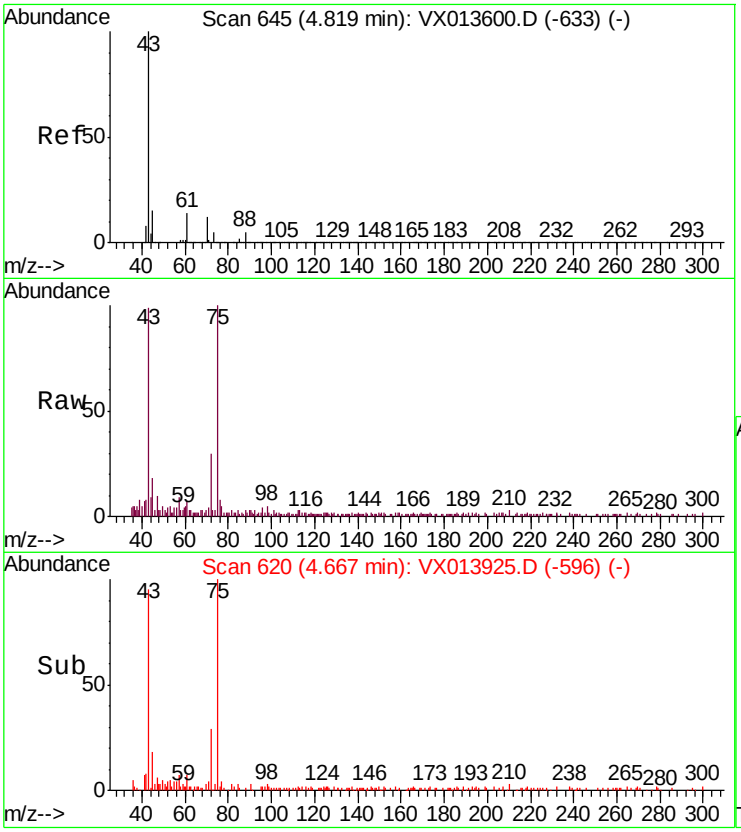


#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 75 Resp: 40319

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.0	24.5	36.7#



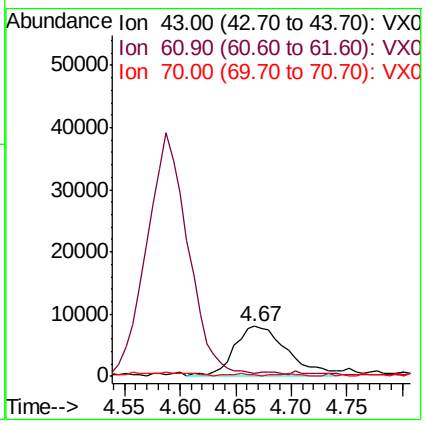


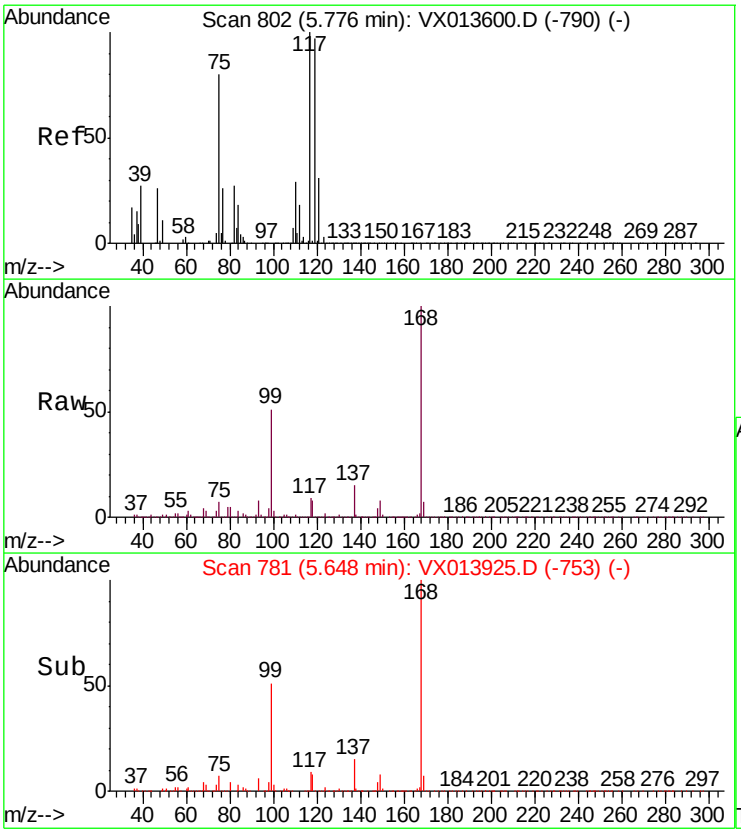
#37
Ethyl Acetate
Concen: 2.928 ug/l
RT: 4.67 min Scan# 620
Delta R.T. -0.15 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 43 Resp: 26917

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	2.1	8.6	12.8#

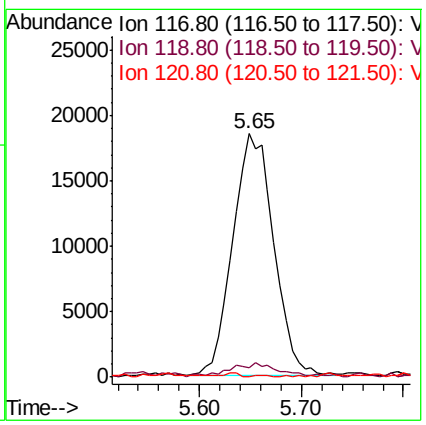


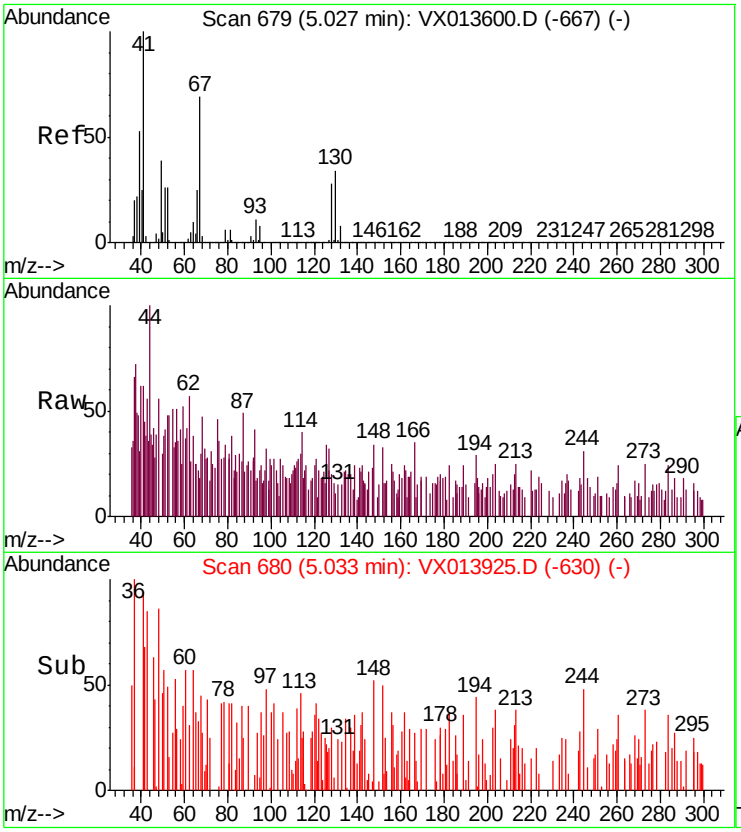


#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:117 Resp: 51472

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.5	116.3#
121	0.0	25.0	37.6#



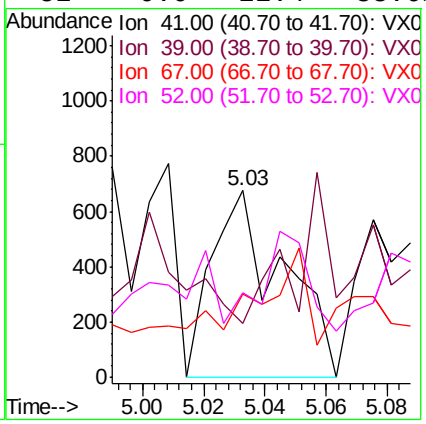


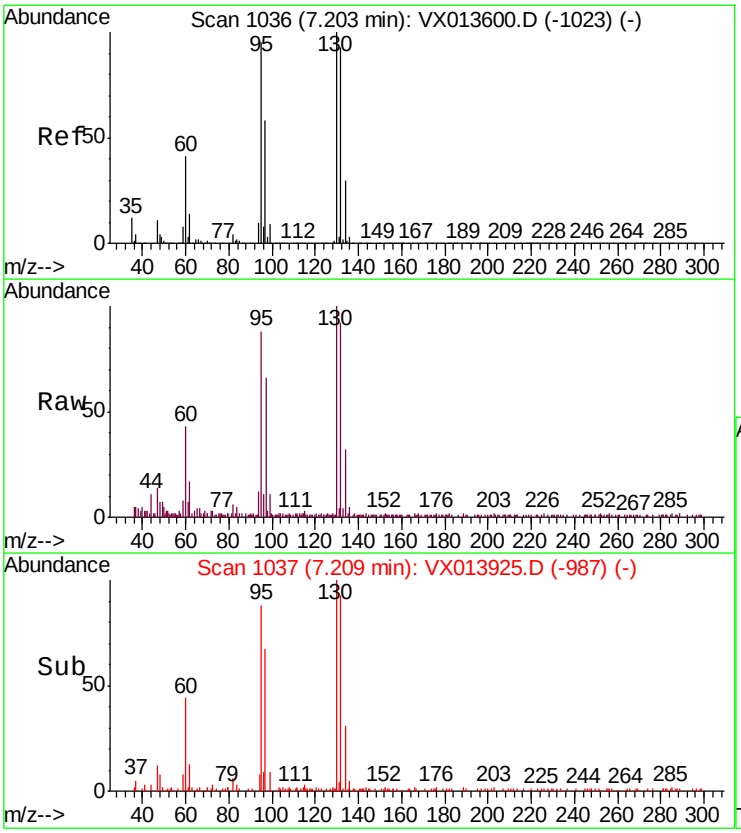
#41
Methacrylonitrile
Concen: 0.216 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 41 Resp: 1087

Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.9	64.3#
67	0.0	57.4	86.0#
52	0.0	22.4	33.6#

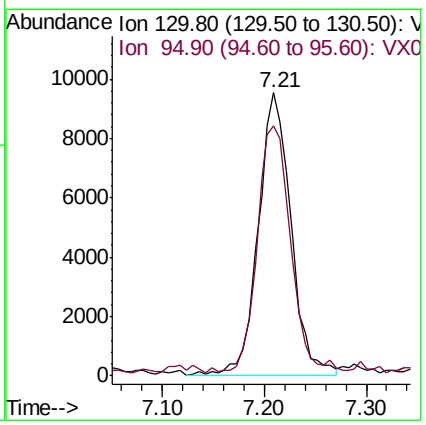


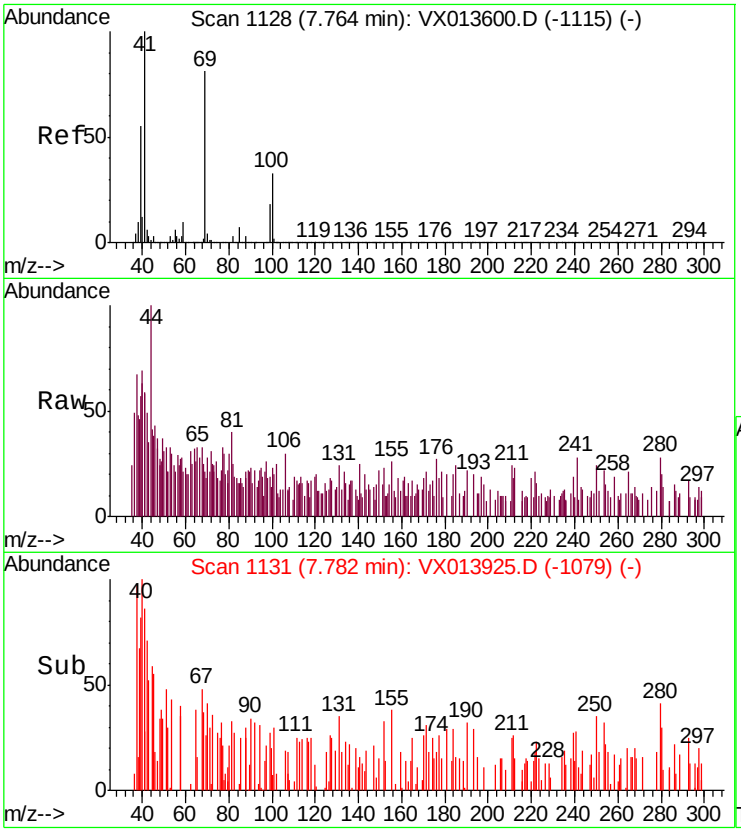


#44
Trichloroethene
Concen: 3.119 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:130 Resp: 21362

Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	190.8



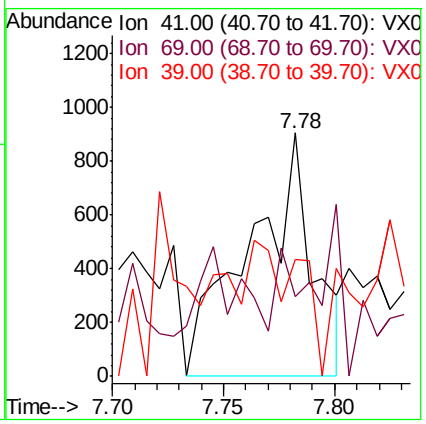


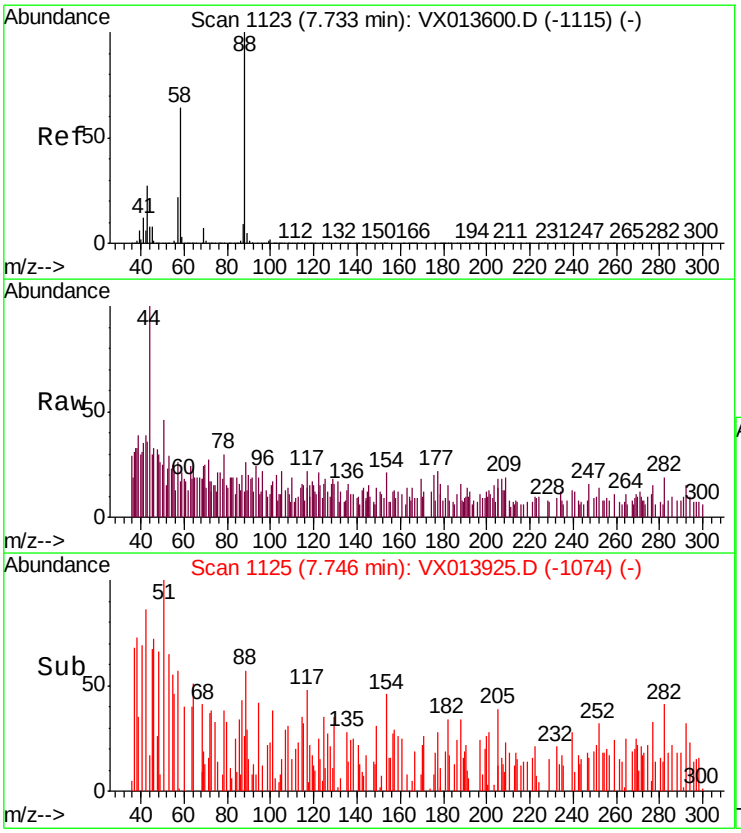
#48
Methyl methacrylate
Concen: 0.244 ug/l
RT: 7.78 min Scan# 1131
Delta R.T. 0.02 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument : MSVOA_X
ClientSampleId : KY038PS027-191209

Tgt Ion: 41 Resp: 1791

Ion	Ratio	Lower	Upper
41	100		
69	8.9	64.7	97.1#
39	43.3	43.8	65.6#

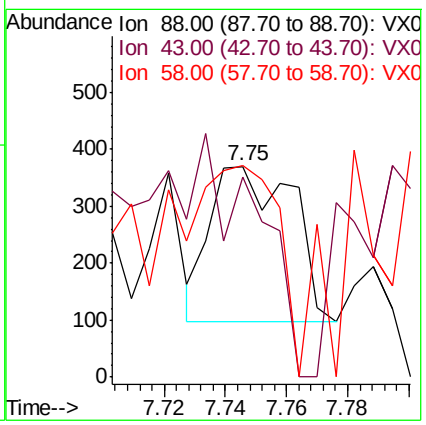


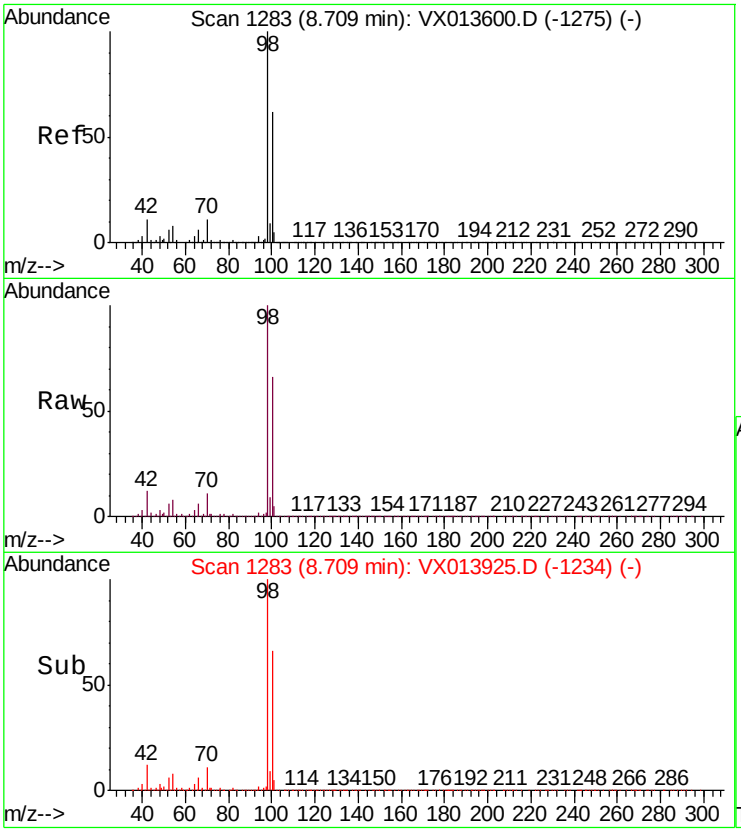


#49
1,4-Dioxane
Concen: 3.087 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 88 Resp: 508

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	164.2	54.6	82.0#



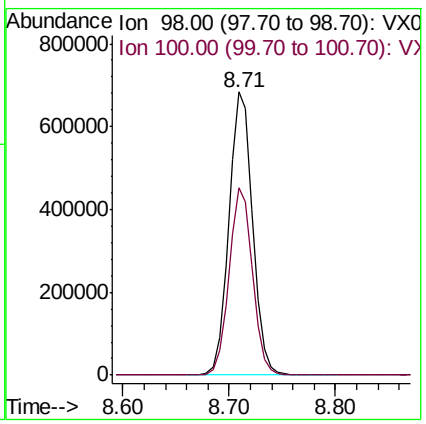


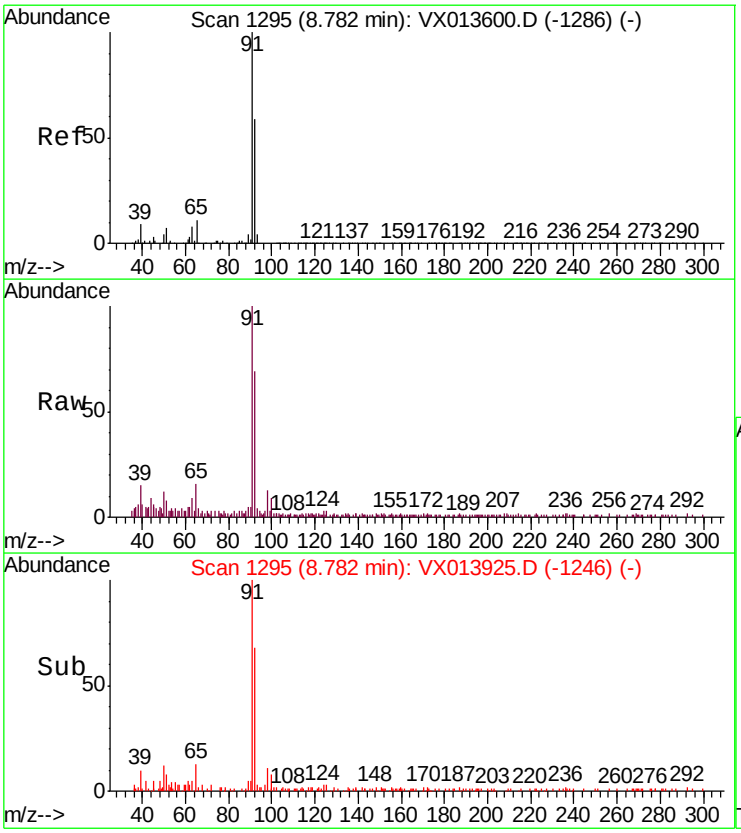
#50
Toluene-d8
Concen: 48.907 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 98 Resp: 1063270

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

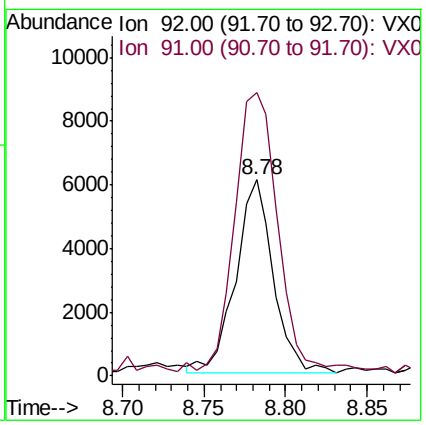


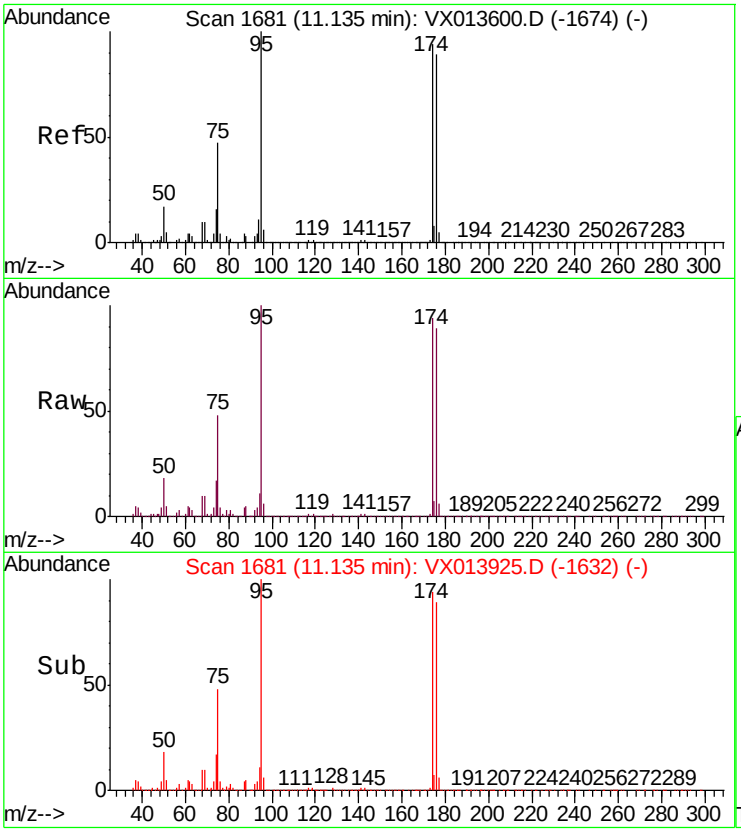


#52
Toluene
Concen: 0.631 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 92 Resp: 9776

Ion	Ratio	Lower	Upper
92	100		
91	166.5	136.2	204.2



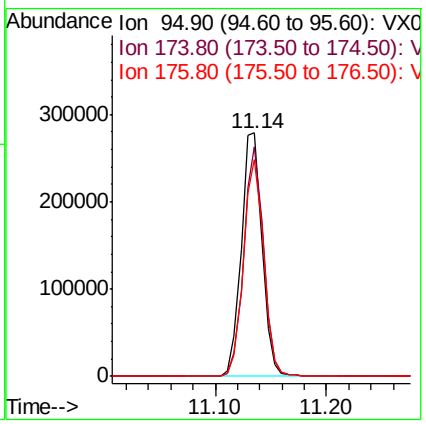


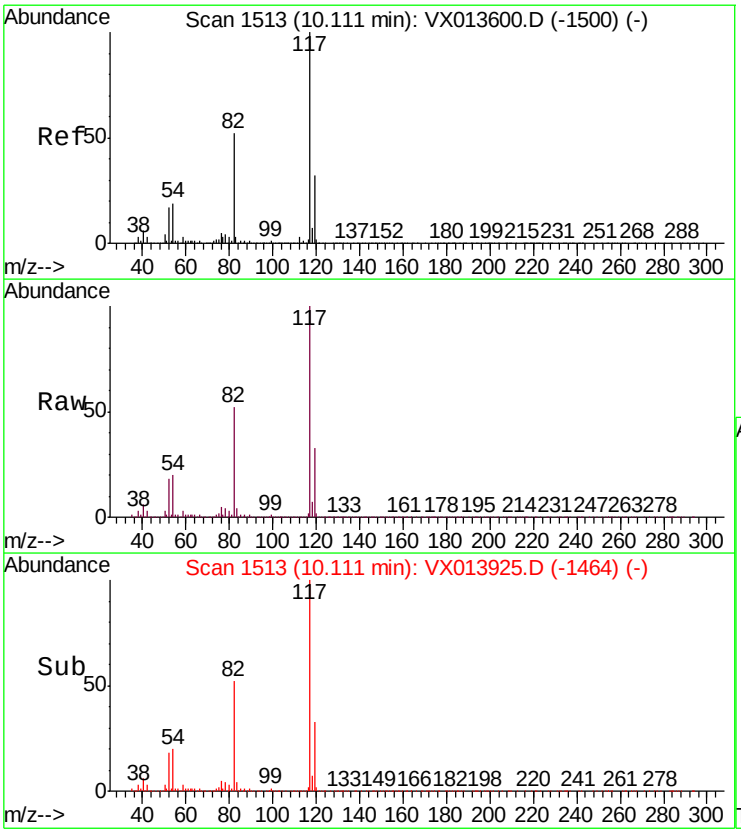
#62
4-Bromofluorobenzene
Concen: 46.106 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 95 Resp: 361460

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.0
176	86.7	0.0	173.6

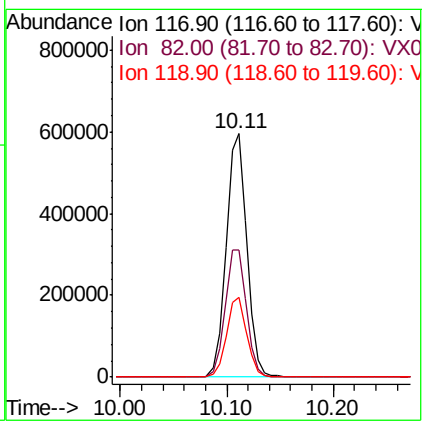


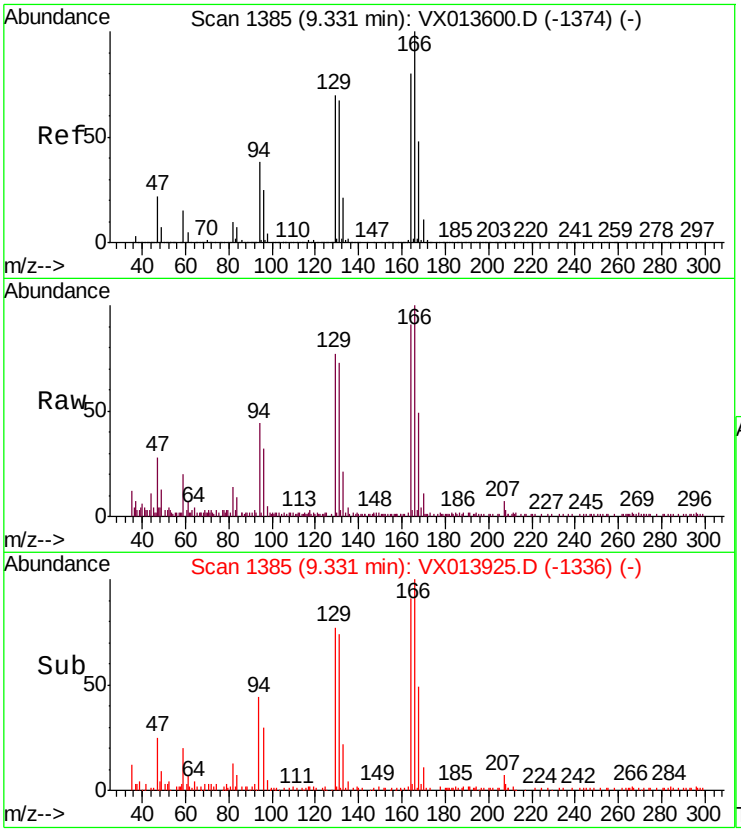


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:117 Resp: 806855

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.6	25.8	38.8



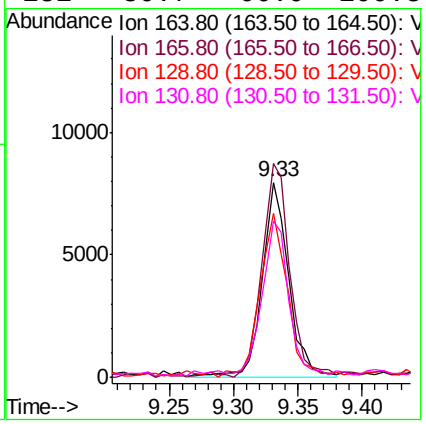


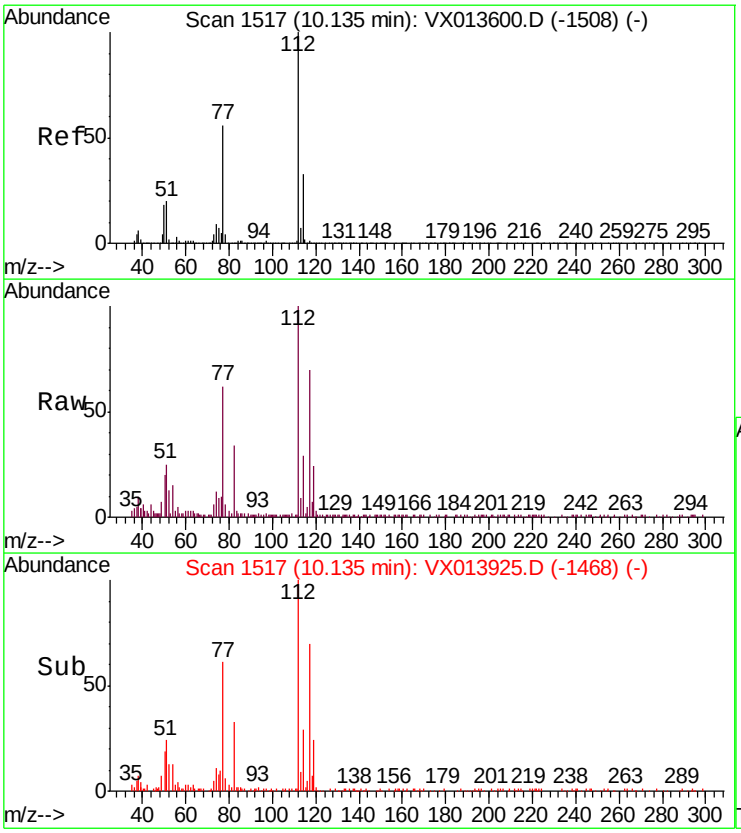
#64
Tetrachloroethene
Concen: 1.902 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:164 Resp: 11443

Ion	Ratio	Lower	Upper
164	100		
166	110.1	99.7	149.5
129	82.5	70.1	105.1
131	80.7	66.9	100.3

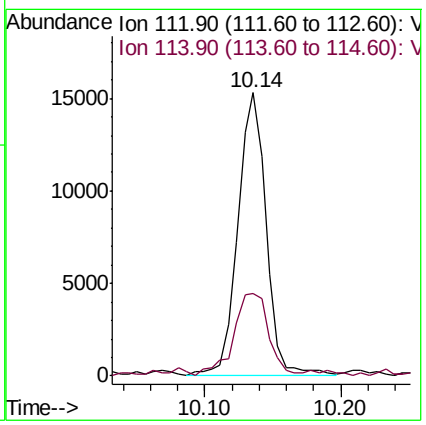


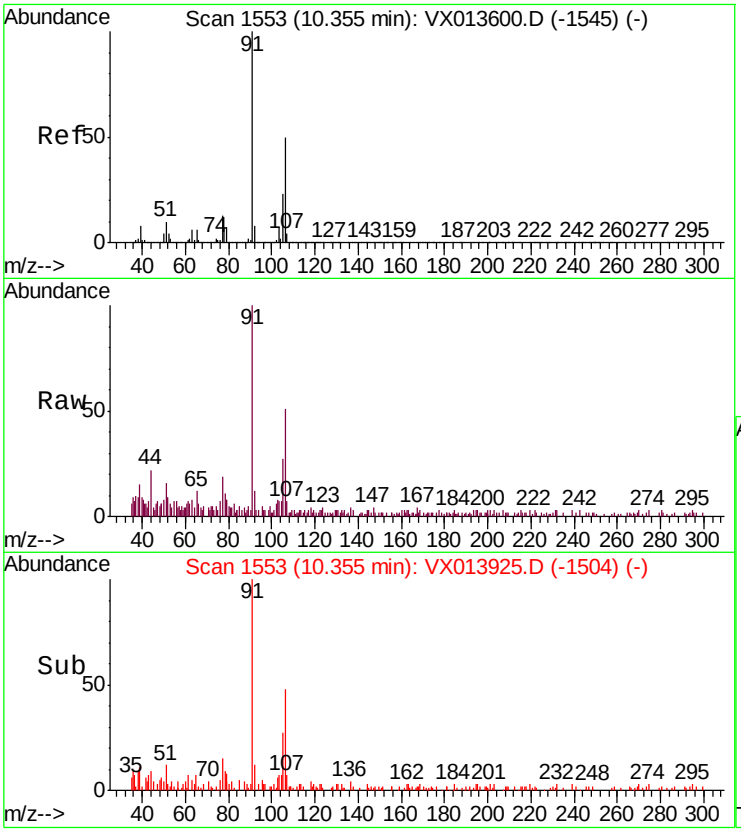


#65
Chlorobenzene
Concen: 1.333 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:112 Resp: 22329

Ion	Ratio	Lower	Upper
112	100		
114	28.3	26.1	39.1



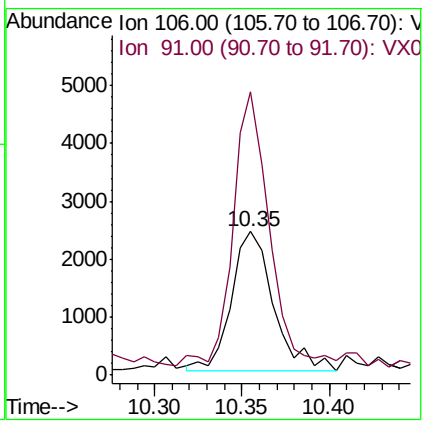


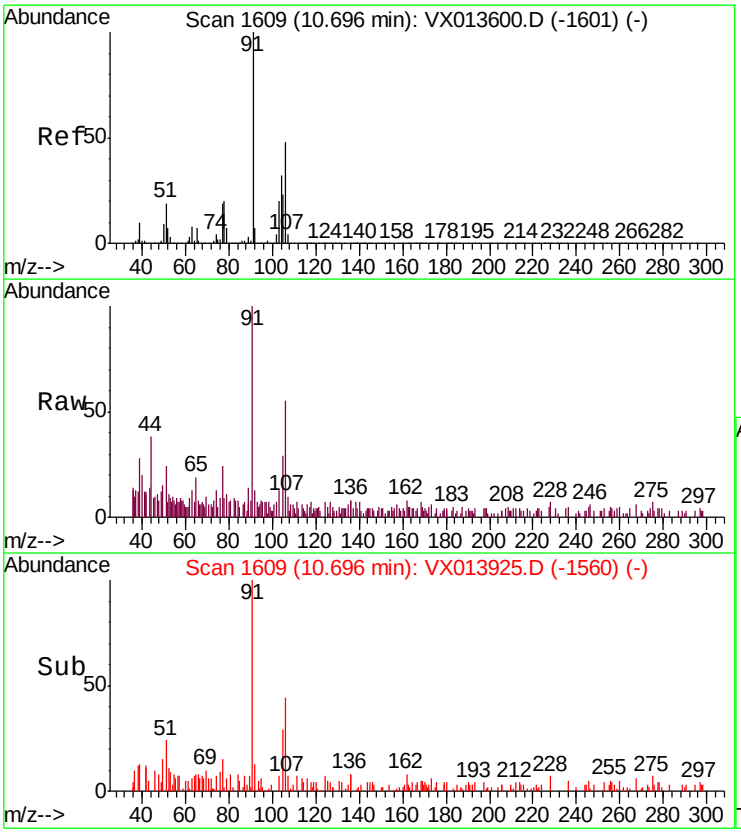
#68
m/p-Xylenes
Concen: 0.369 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:106 Resp: 4065

Ion	Ratio	Lower	Upper
106	100		
91	165.8	159.0	238.4

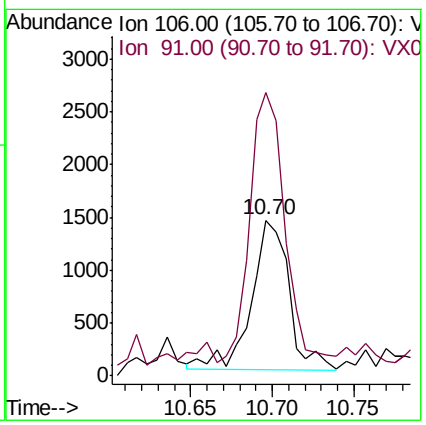


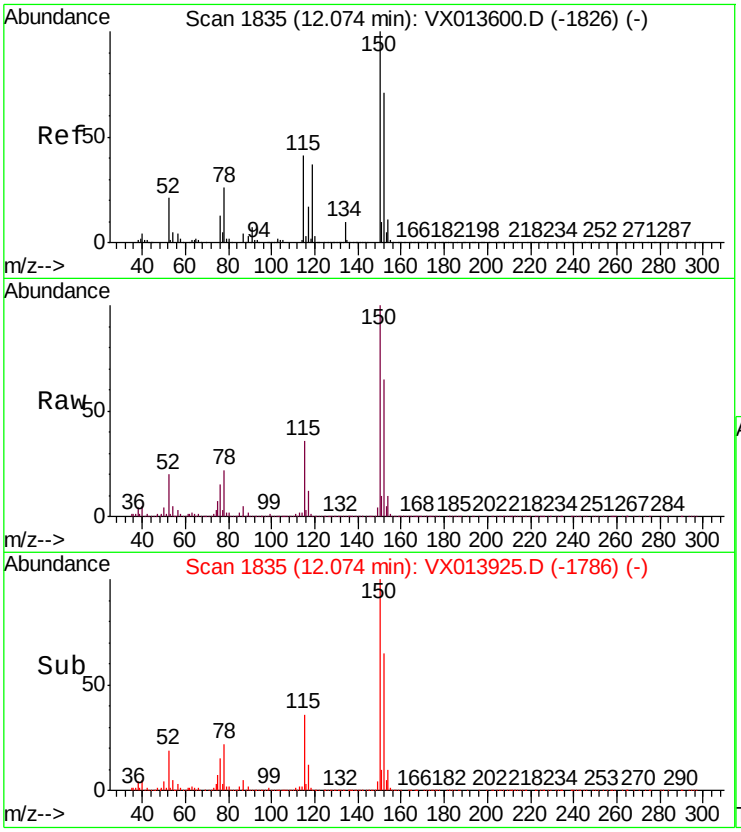


#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion:106 Resp: 2287

Ion	Ratio	Lower	Upper
106	100		
91	190.6	104.1	312.2



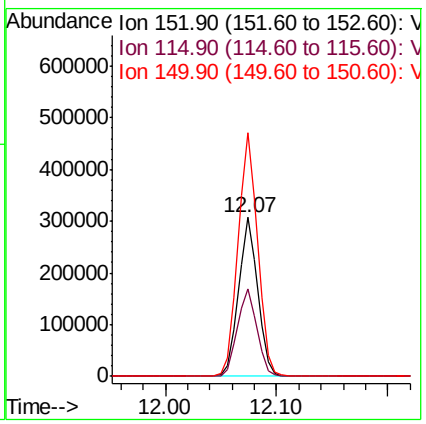


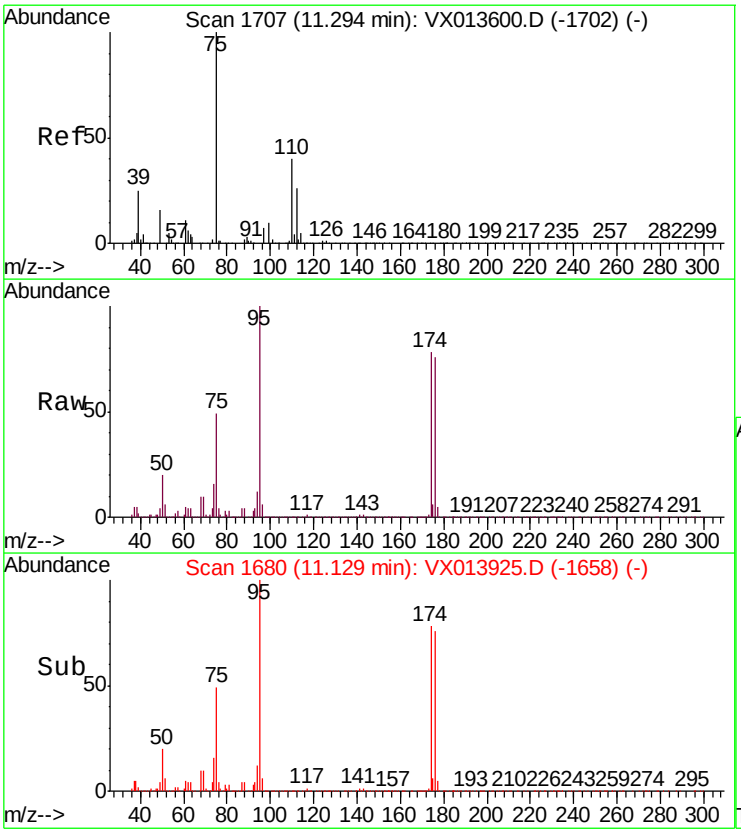
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:152 Resp: 365668

Ion	Ratio	Lower	Upper
152	100		
115	56.6	38.4	115.1
150	156.9	0.0	346.8

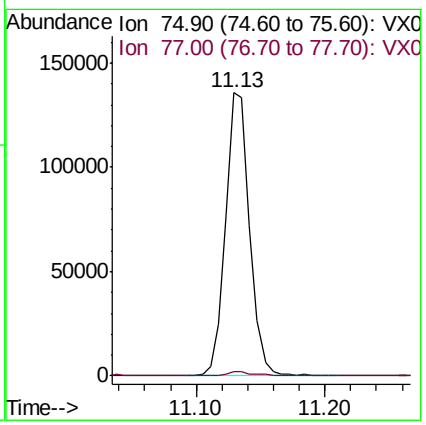


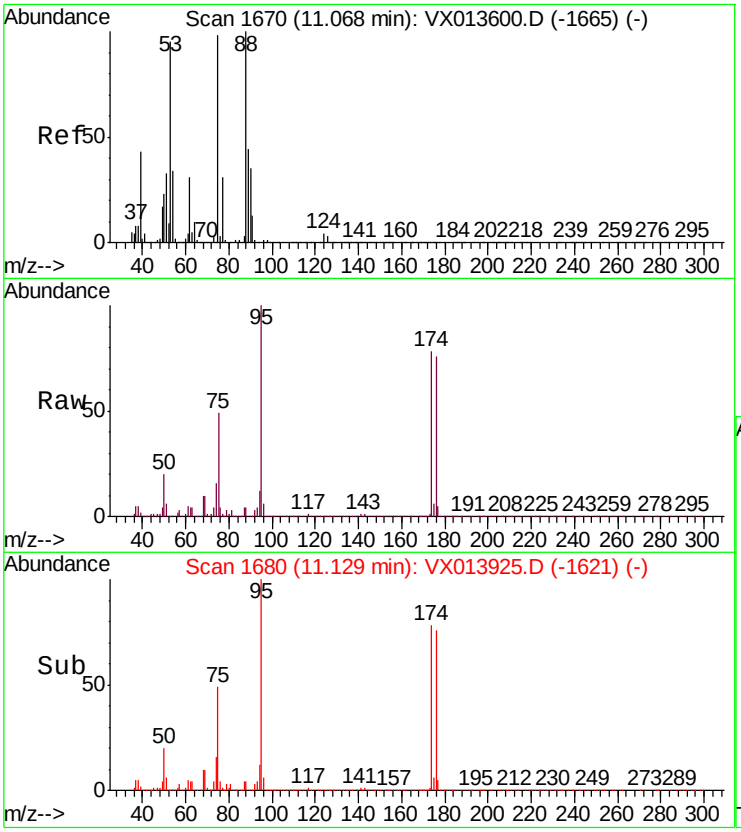


#76
1,2,3-Trichloropropane
Concen: 21.560 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 75 Resp: 177323

Ion	Ratio	Lower	Upper
75	100		
77	2.0	19.1	57.5#



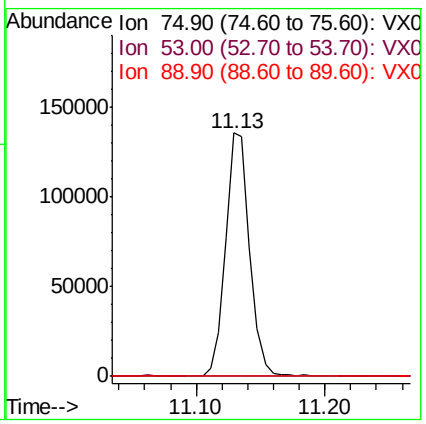


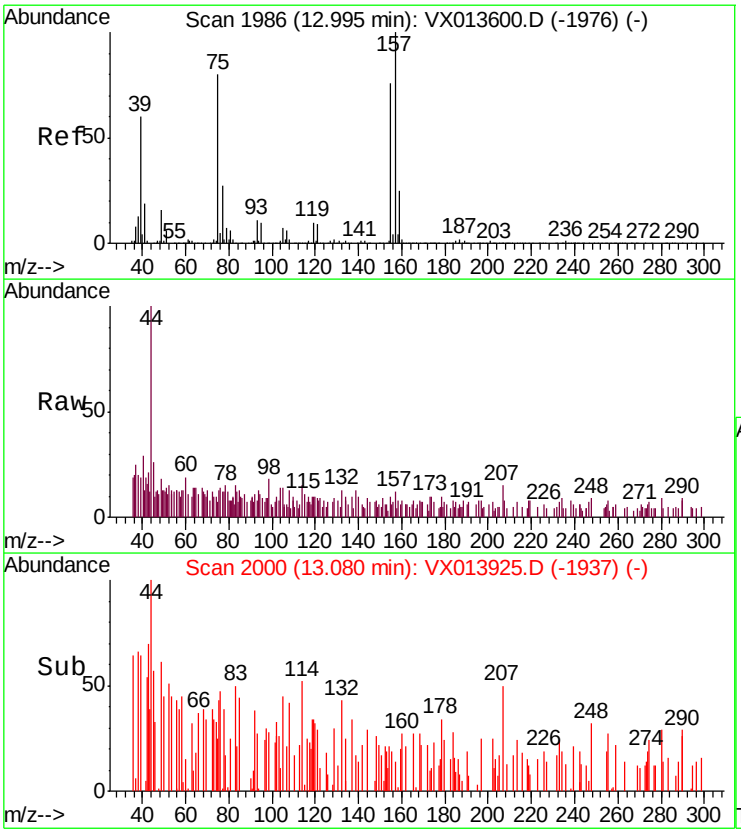
#81
trans-1,4-Dichloro-2-butene
Concen: 58.985 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 75 Resp: 177323

Ion	Ratio	Lower	Upper
75	100		
53	0.4	78.2	117.2#
89	0.3	35.4	53.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.202 ug/l
RT: 13.08 min Scan# 2000
Delta R.T. 0.09 min
Lab File: VX013925.D
Acq: 11 Dec 2019 03:04

Tgt Ion: 75 Resp: 391

Ion	Ratio	Lower	Upper
75	100		
155	69.6	47.6	142.8
157	66.0	62.1	186.2