Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009941.D
Acq On : 29 May 2019 15:39
Operator : JC/SP
Sample : K3077-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0664

Quant Time: May 30 01:15:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	173518	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	277007	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	249444	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111777	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	118027	48.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.30%				
35) Dibromofluoromethane	5.49	113	85341	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.00%				
50) Toluene-d8	8.71	98	350799	49.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.20%				
62) 4-Bromofluorobenzene	11.13	95	122104	48.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.14%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	2390	0.838	ug/l	#	78
4) Vinyl Chloride	1.41	62	86114	33.512	ug/l		100
10) Methyl Iodide	2.51	142	113	4.705	ug/l	#	42
11) Tert butyl alcohol	3.04	59	1094	1.814	ug/l		97
12) 1,1-Dichloroethene	2.38	96	583	0.332	ug/l	#	71
13) Acrolein	2.29	56	461	22.084	ug/l		87
15) Acrylonitrile	3.16	53	462	0.318	ug/l	#	22
16) Acetone	2.45	43	12005	8.477	ug/l		96
17) Carbon Disulfide	2.58	76	12726	2.758	ug/l		99
18) Methyl Acetate	2.78	43	2913	0.884	ug/l		94
20) Methylene Chloride	2.86	84	450	0.207	ug/l	#	96
21) trans-1,2-Dichloroethene	3.17	96	3518	1.799	ug/l	#	94
25) 2-Butanone	4.67	43	130442	59.120	ug/l		99
27) cis-1,2-Dichloroethene	4.60	96	90925	40.285	ug/l		89
29) Tetrahydrofuran	5.15	42	1344	0.950	ug/l	#	51
36) 1,1-Dichloropropene	5.66	75	13824	4.919	ug/l	#	50
37) Ethyl Acetate	4.67	43	130442	33.309	ug/l	#	71
38) Carbon Tetrachloride	5.66	117	16310	6.716	ug/l	#	16
43) Isopropyl Acetate	6.45	43	1578	0.250	ug/l	#	82
44) Trichloroethene	7.21	130	2093	1.033	ug/l		89
49) 1,4-Dioxane	7.75	88	119	2.045	ug/l	#	18
52) Toluene	8.79	92	1985	0.392	ug/l		99
59) 2-Hexanone	9.49	43	6629	2.095	ug/l		100
68) m/p-Xylenes	10.36	106	885	0.255	ug/l		82
69) o-Xylene	10.69	106	1430	0.430	ug/l		94
73) Isopropylbenzene	11.02	105	2617	0.317	ug/l		94
74) N-amyl acetate	10.93	43	1005	0.204	ug/l	#	23
76) 1,2,3-Trichloropropane	11.13	75	62245	23.287	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62245	57.616	ug/l	#	10
90) Hexachloroethane	12.69	117	871	0.714	ug/l	#	6

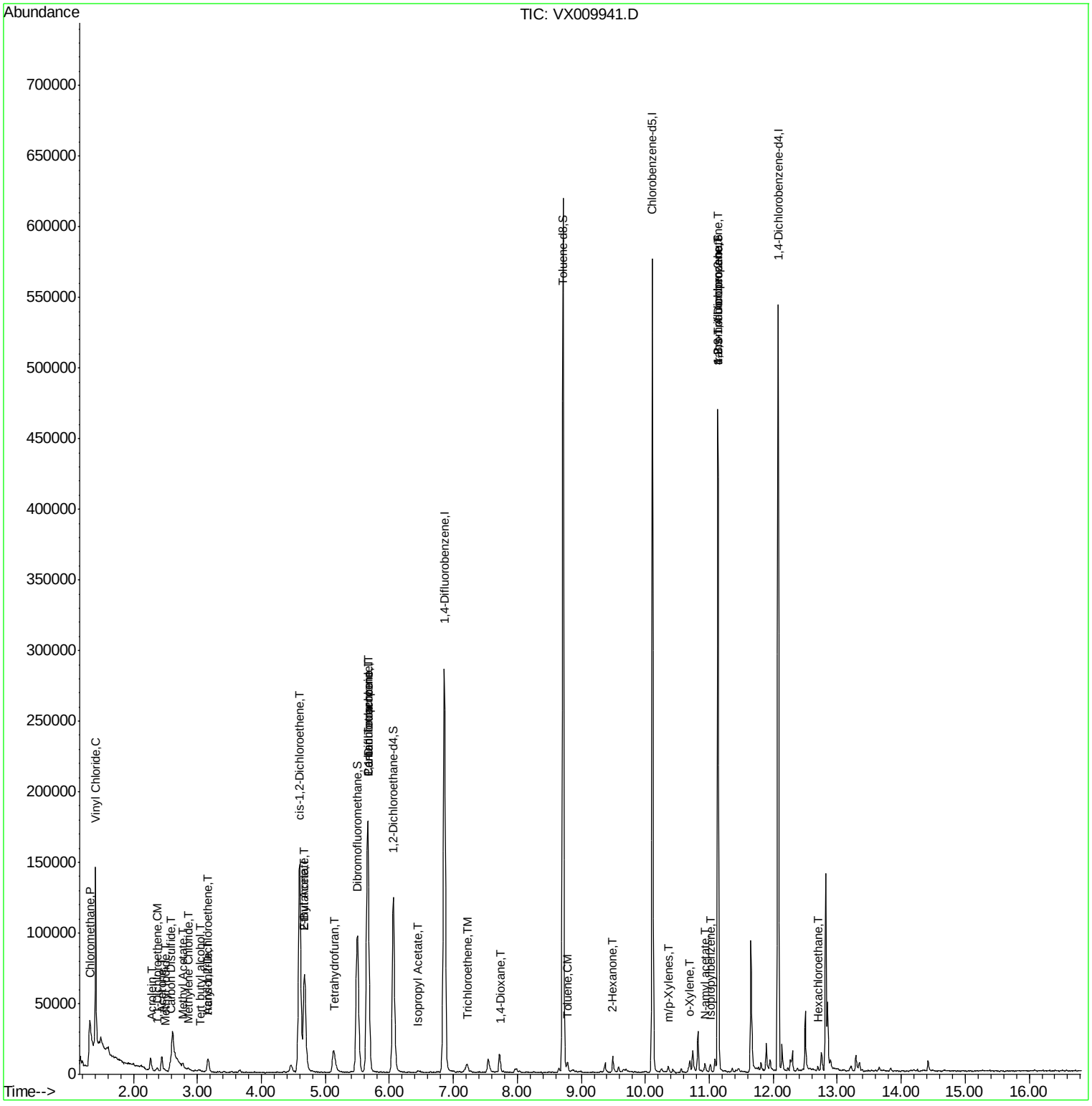
(#) = qualifier out of range (m) = manual integration (+) = signals summed

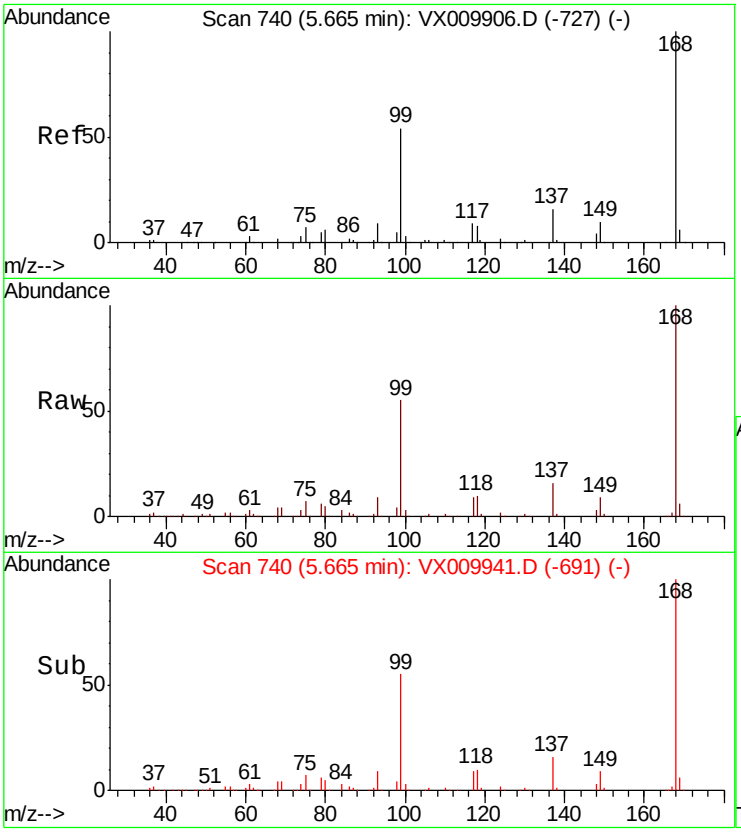
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009941.D
Acq On : 29 May 2019 15:39
Operator : JC/SP
Sample : K3077-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Quant Time: May 30 01:15:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



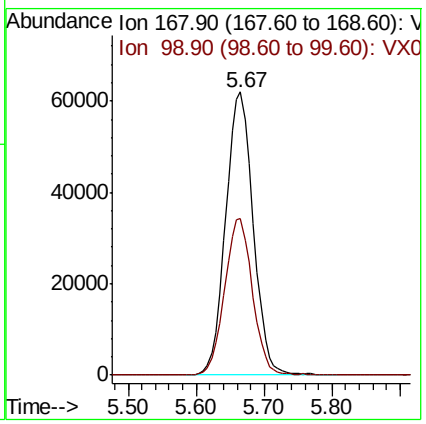


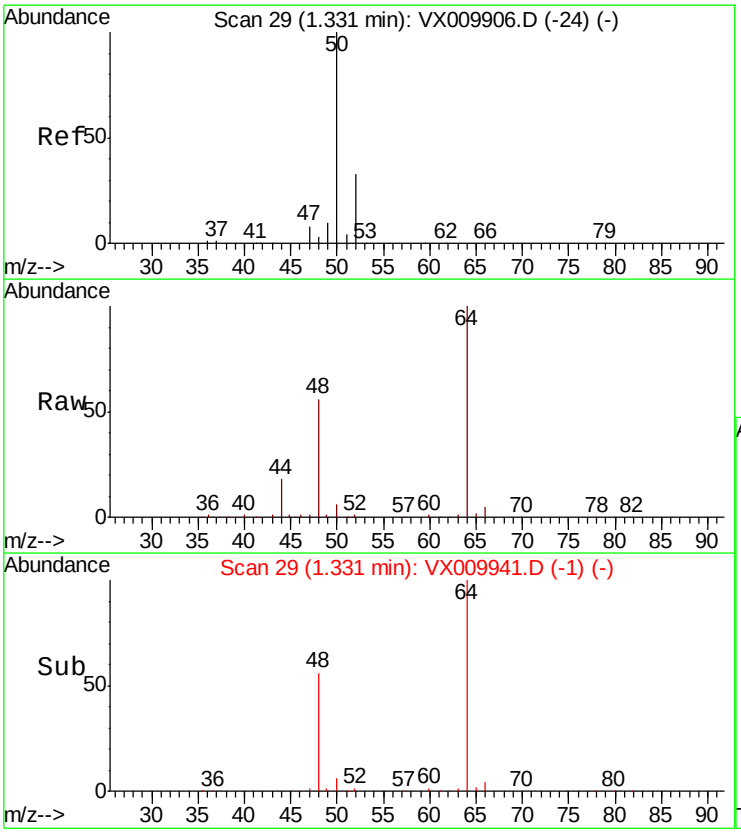
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion:168 Resp: 173518

Ion	Ratio	Lower	Upper
168	100		
99	55.4	43.0	64.6

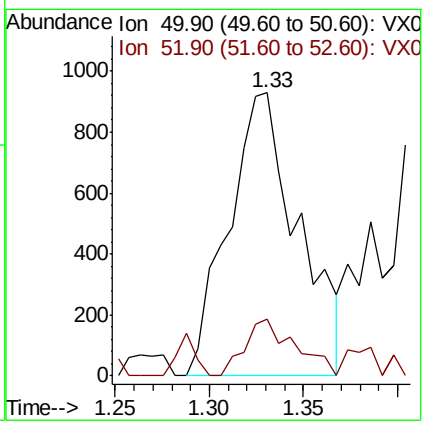


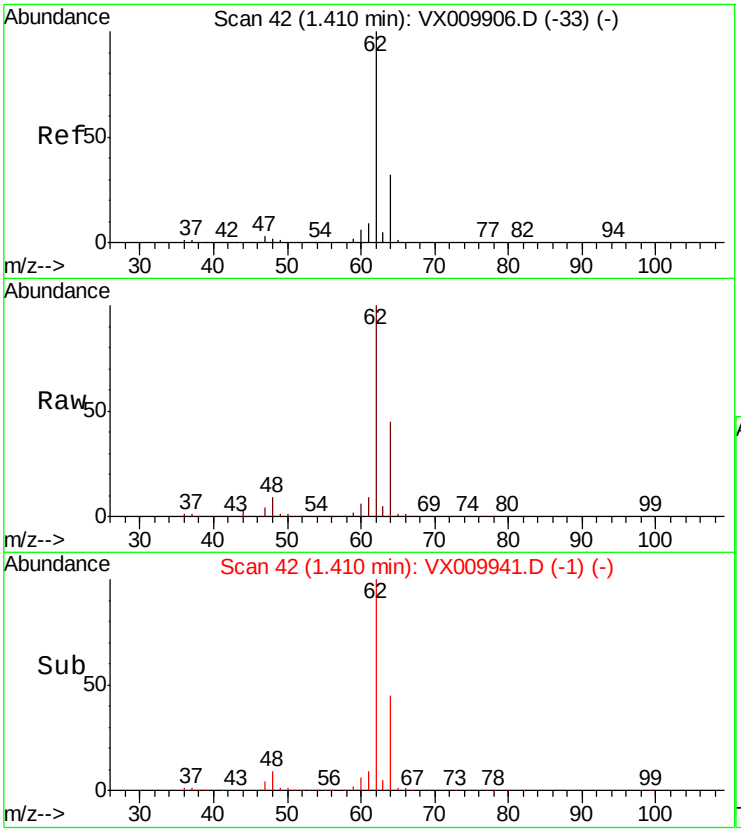


#3
Chloromethane
Concen: 0.838 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 50 Resp: 2390

Ion	Ratio	Lower	Upper
50	100		
52	20.1	26.0	39.0#



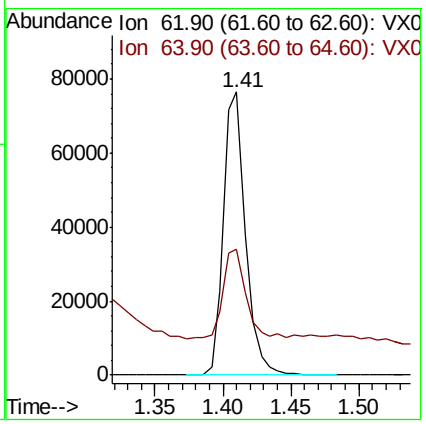


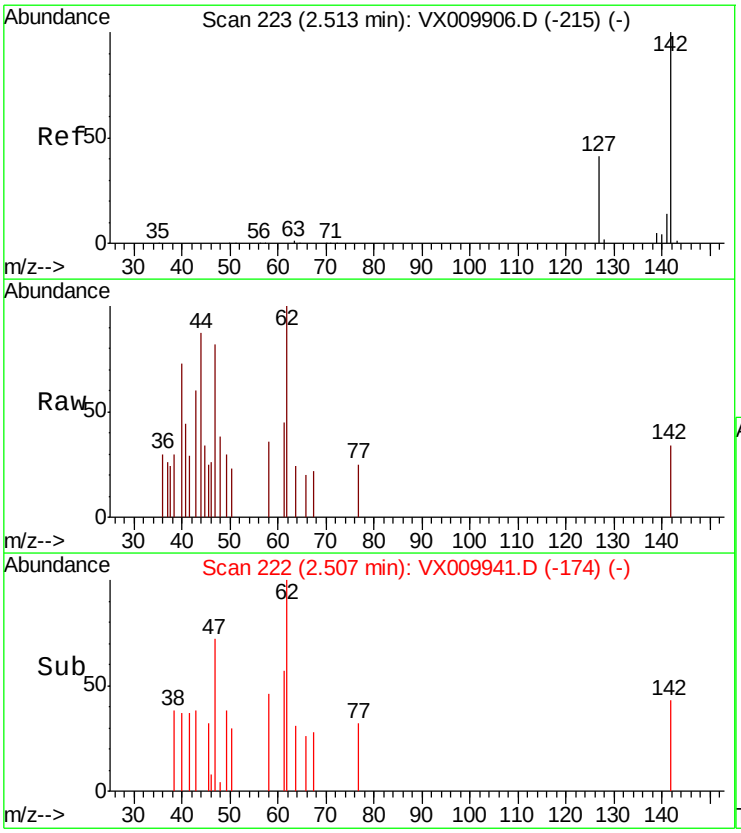
#4
Vinyl Chloride
Concen: 33.512 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 62 Resp: 86114

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.7	38.5

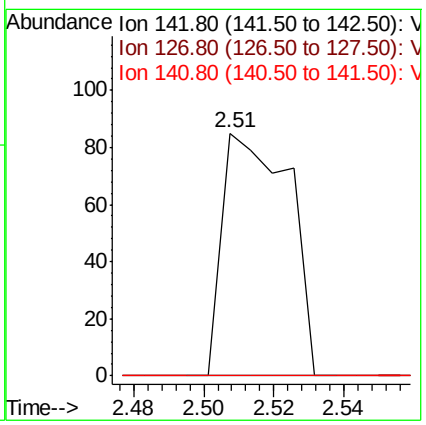


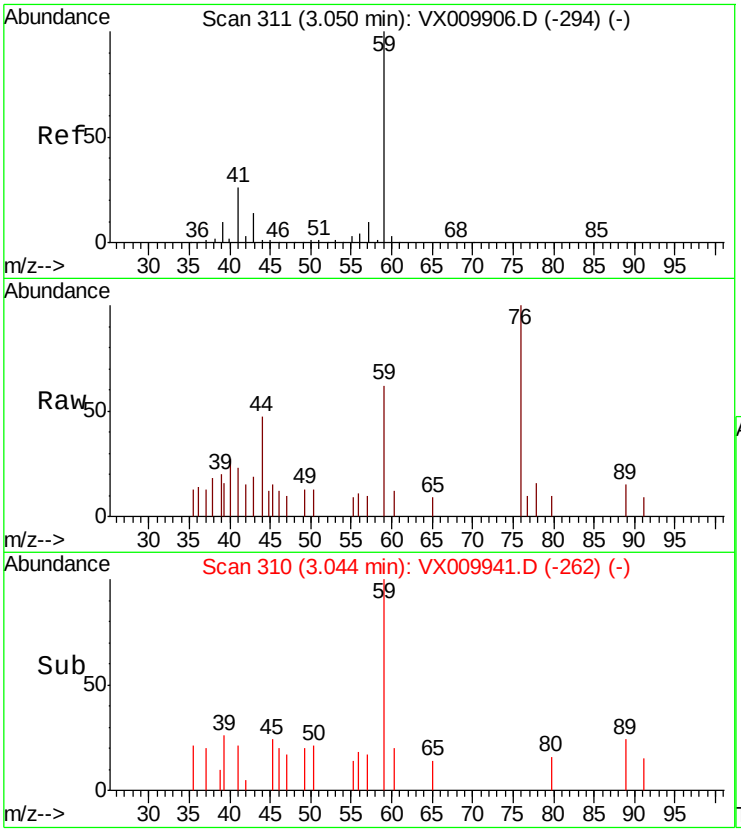


#10
Methyl Iodide
Concen: 4.705 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:142 Resp: 113

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.4#
141	0.0	11.4	17.0#



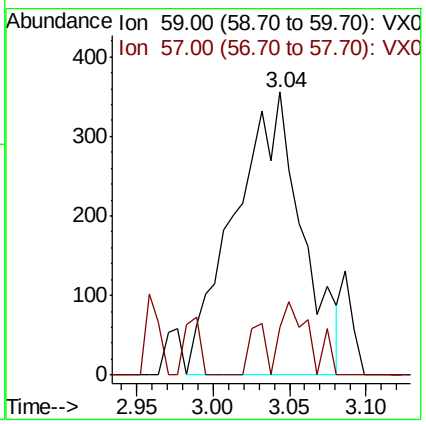


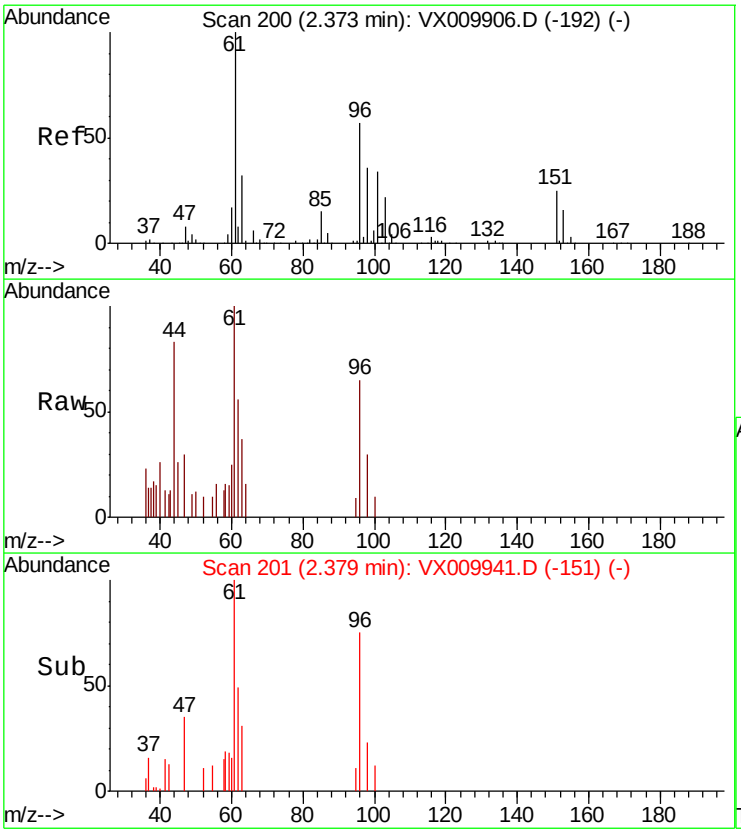
#11
Tert butyl alcohol
Concen: 1.814 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument : MSVOA_X
ClientSampleId : S32-0664

Tgt Ion: 59 Resp: 1094

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.2	12.2

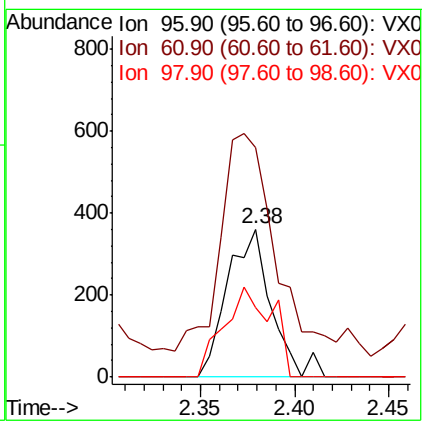


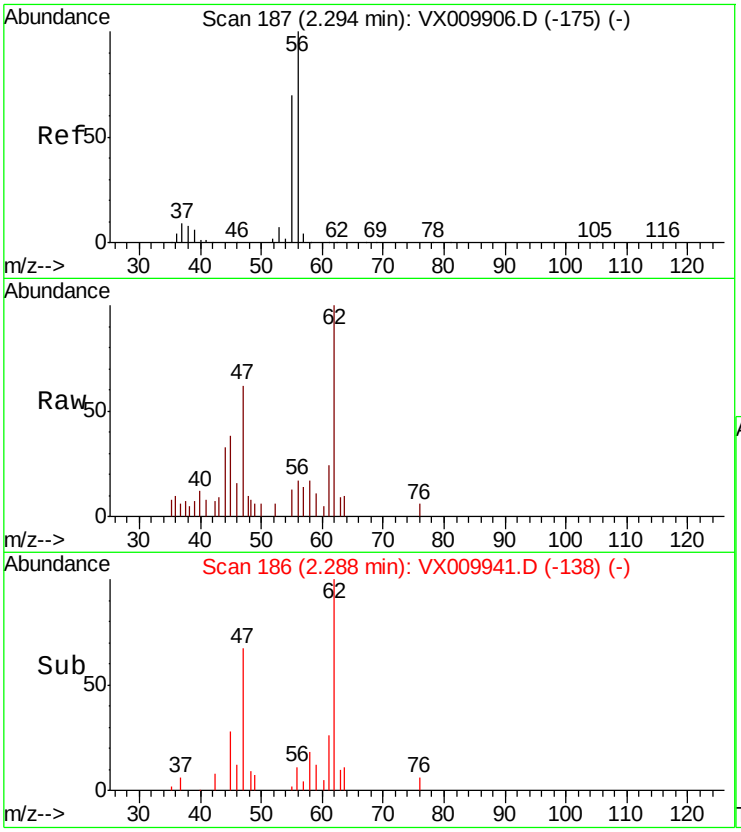


#12
1,1-Dichloroethene
Concen: 0.332 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 96 Resp: 583

Ion	Ratio	Lower	Upper
96	100		
61	131.6	140.7	211.1#
98	46.8	50.1	75.1#



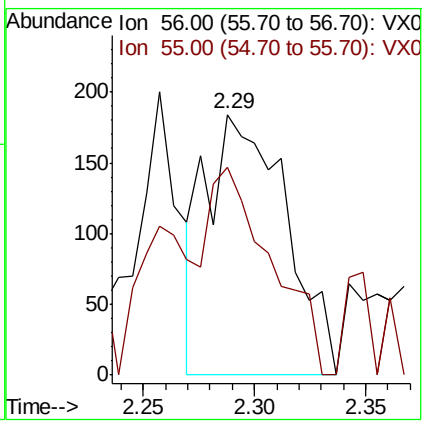


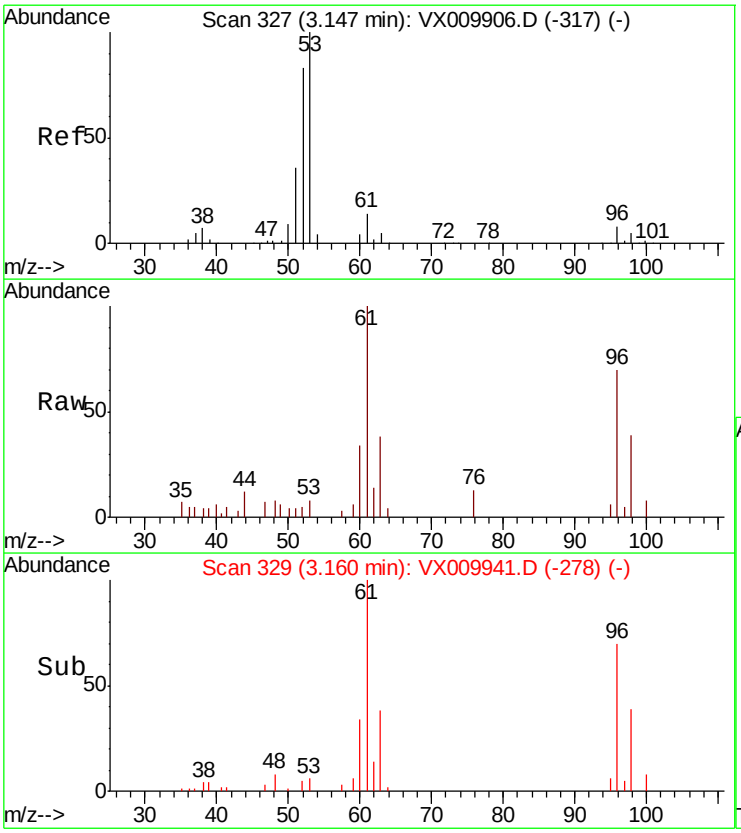
#13
Acrolein
Concen: 22.084 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 56 Resp: 461

Ion	Ratio	Lower	Upper
56	100		
55	60.7	57.0	85.4

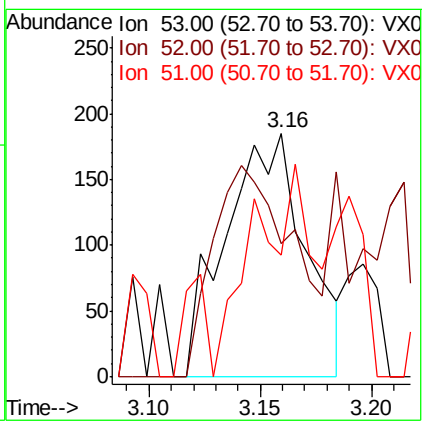


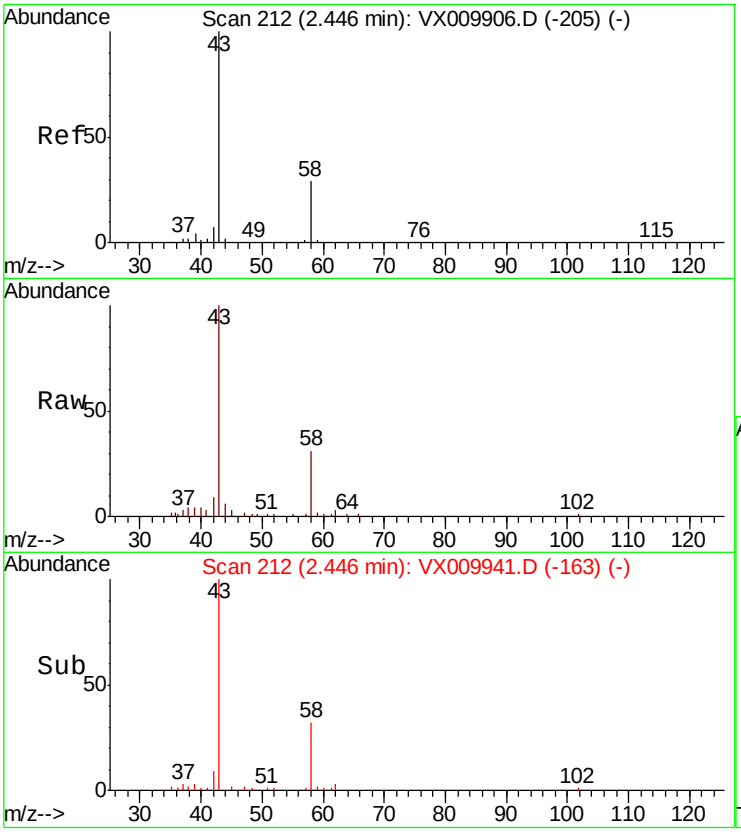


#15
Acrylonitrile
Concen: 0.318 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 53 Resp: 462

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	62.8	28.8	43.2#



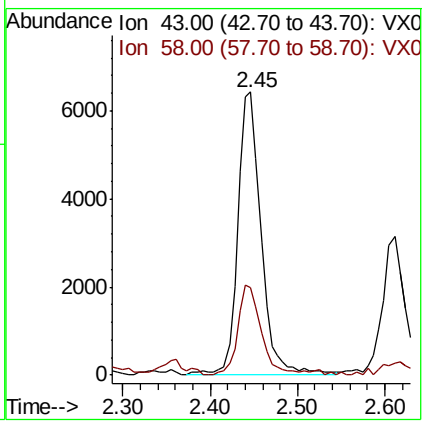


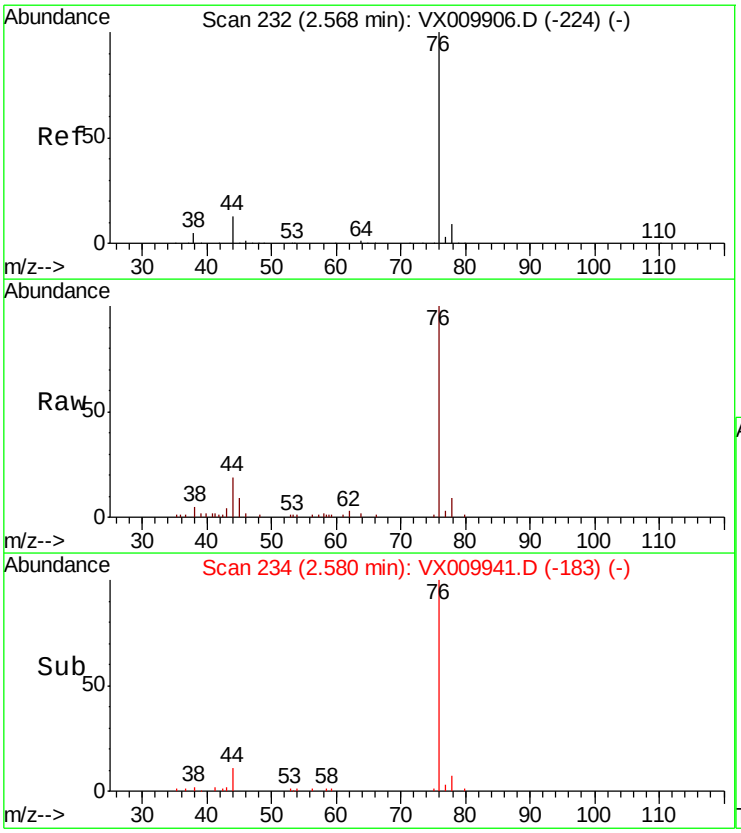
#16
Acetone
Concen: 8.477 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 43 Resp: 12005

Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.2	34.8

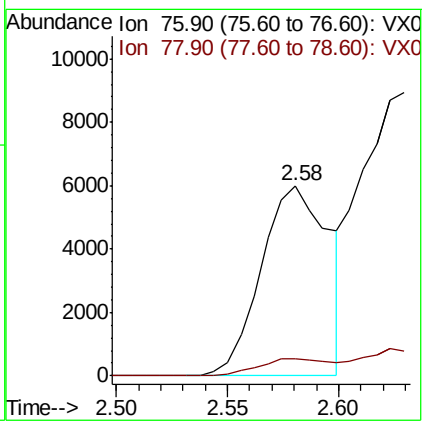


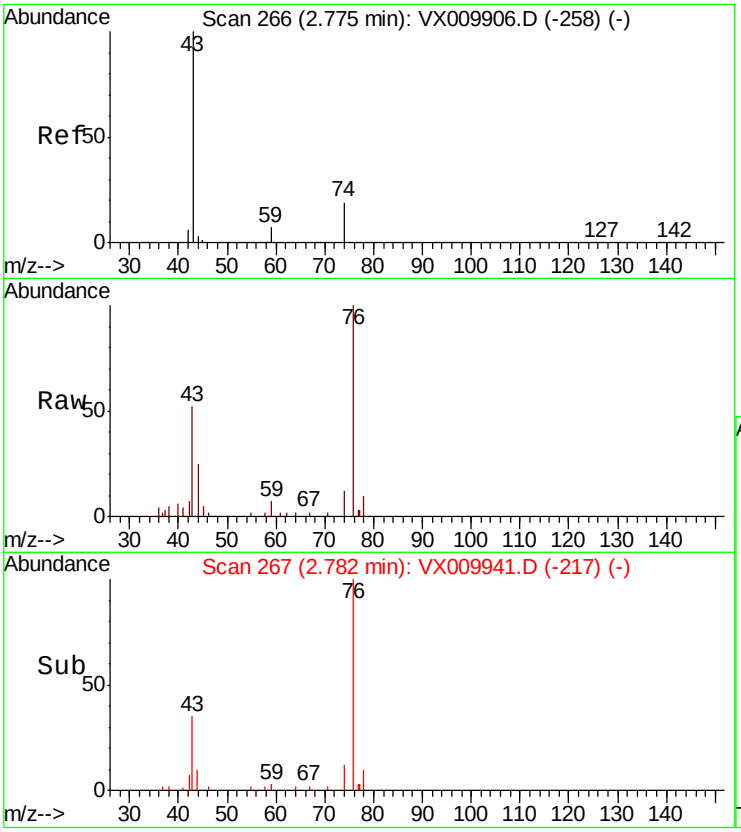


#17
Carbon Disulfide
Concen: 2.758 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 76 Resp: 12726

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6



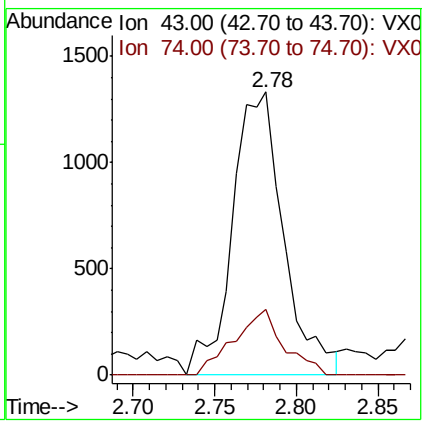


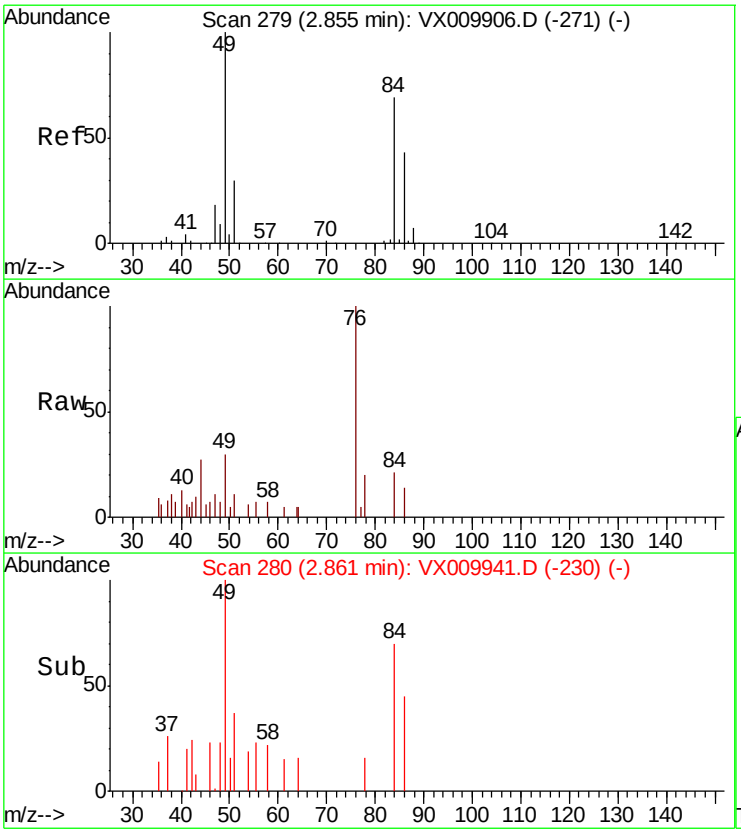
#18
Methyl Acetate
Concen: 0.884 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument : MSVOA_X
ClientSampleId : S32-0664

Tgt Ion: 43 Resp: 2913

Ion	Ratio	Lower	Upper
43	100		
74	22.4	15.8	23.6

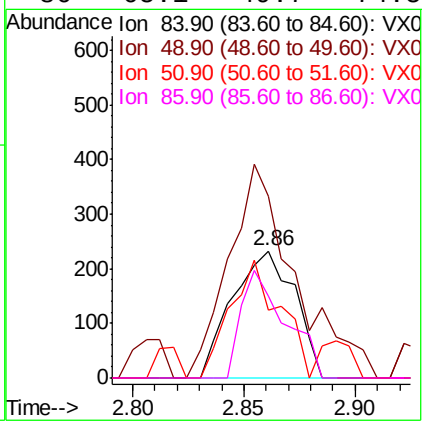


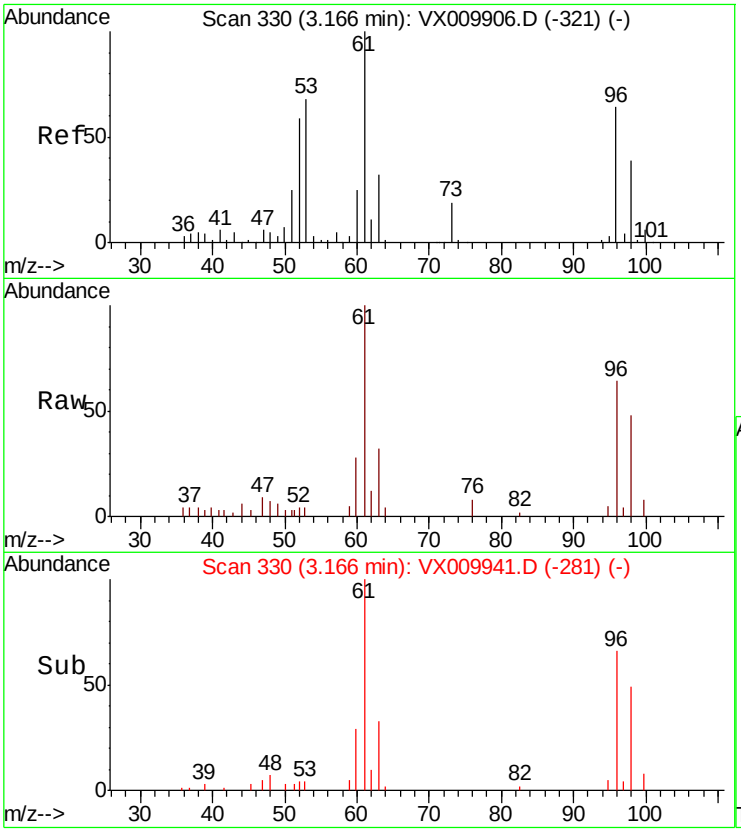


#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 84 Resp: 450

Ion	Ratio	Lower	Upper
84	100		
49	143.5	115.8	173.6
51	53.0	34.4	51.6#
86	65.1	49.7	74.5



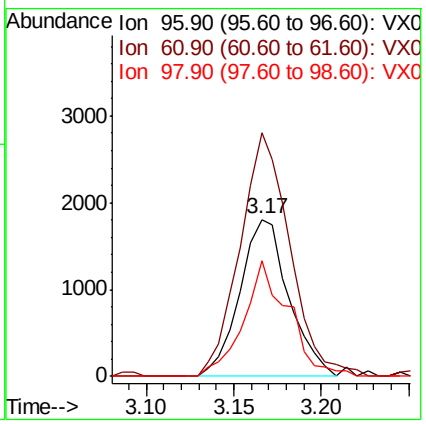


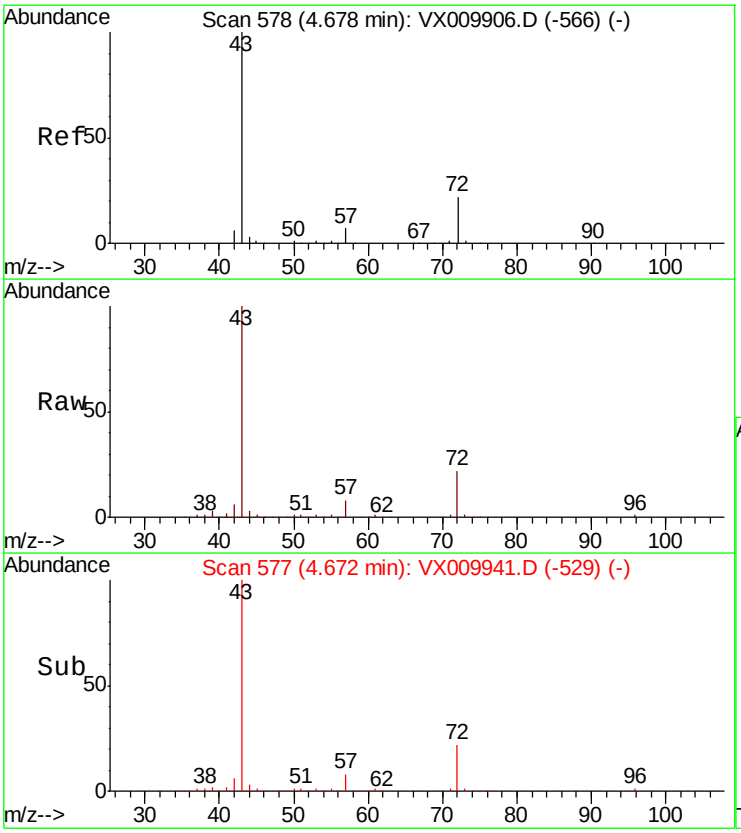
#21
trans-1,2-Dichloroethene
Concen: 1.799 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 96 Resp: 3518

Ion	Ratio	Lower	Upper
96	100		
61	155.5	125.7	188.5
98	74.1	49.0	73.6#

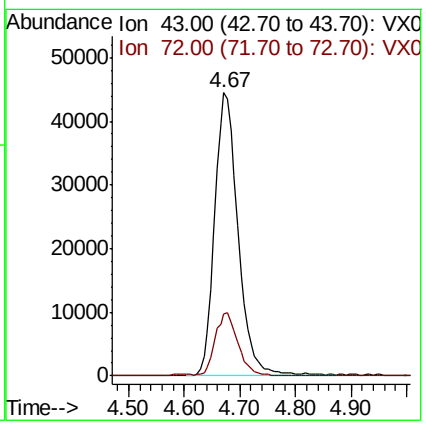


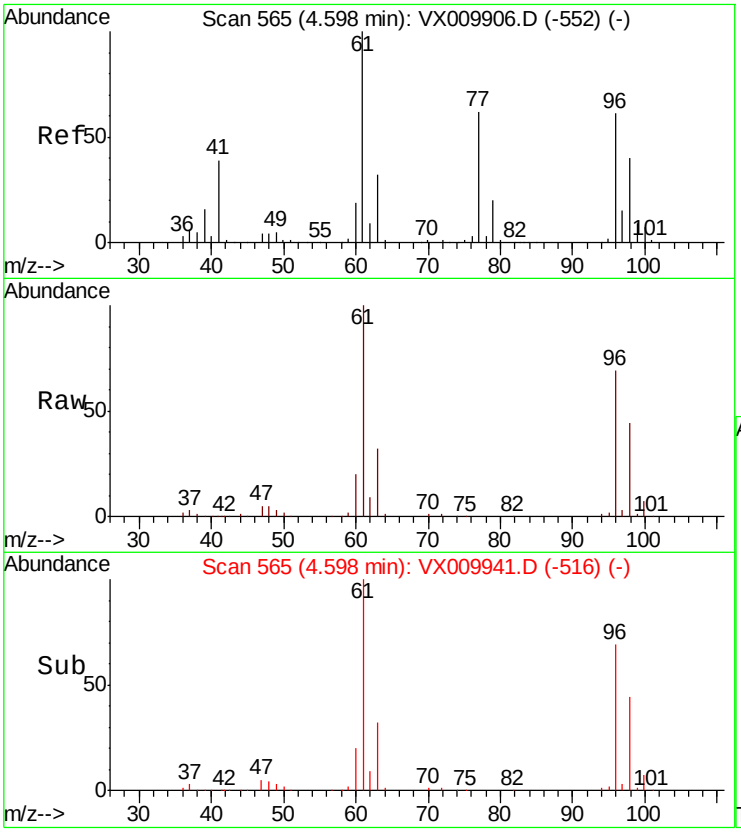


#25
2-Butanone
Concen: 59.120 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 43 Resp: 130442

Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.5	26.3



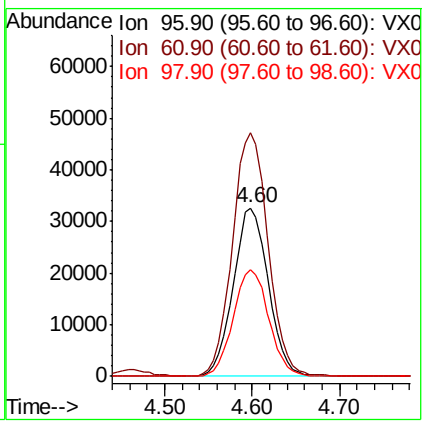


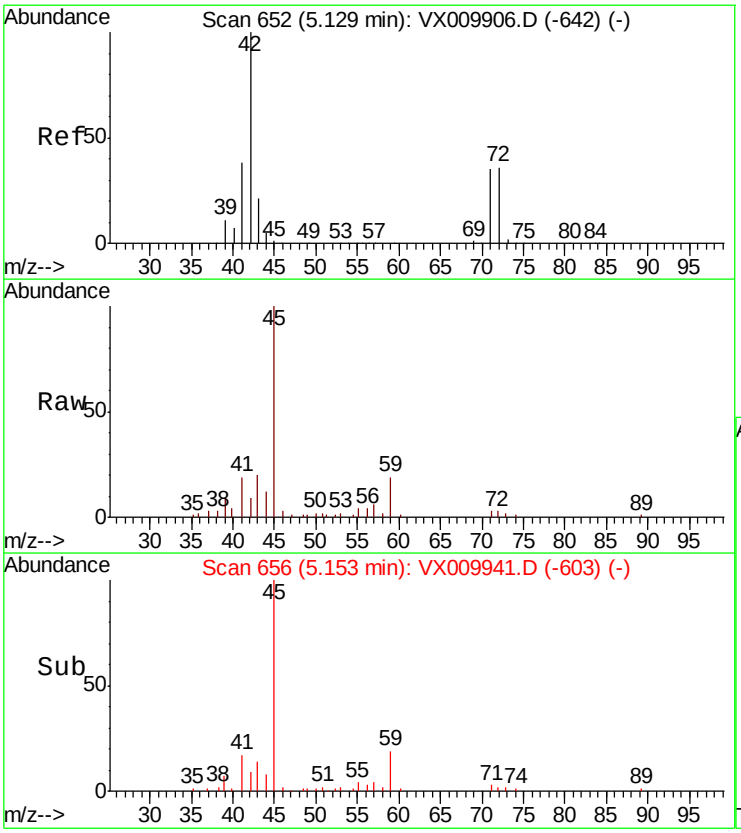
#27
cis-1,2-Dichloroethene
Concen: 40.285 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 96 Resp: 90925

Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	334.0
98	64.3	0.0	131.6

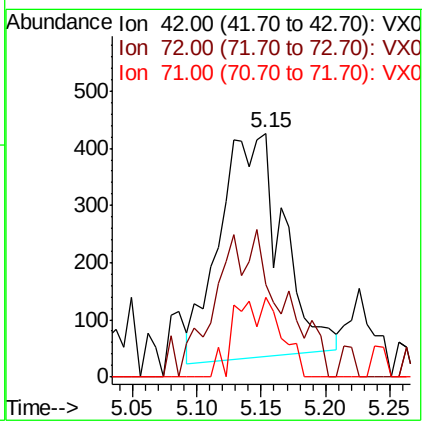


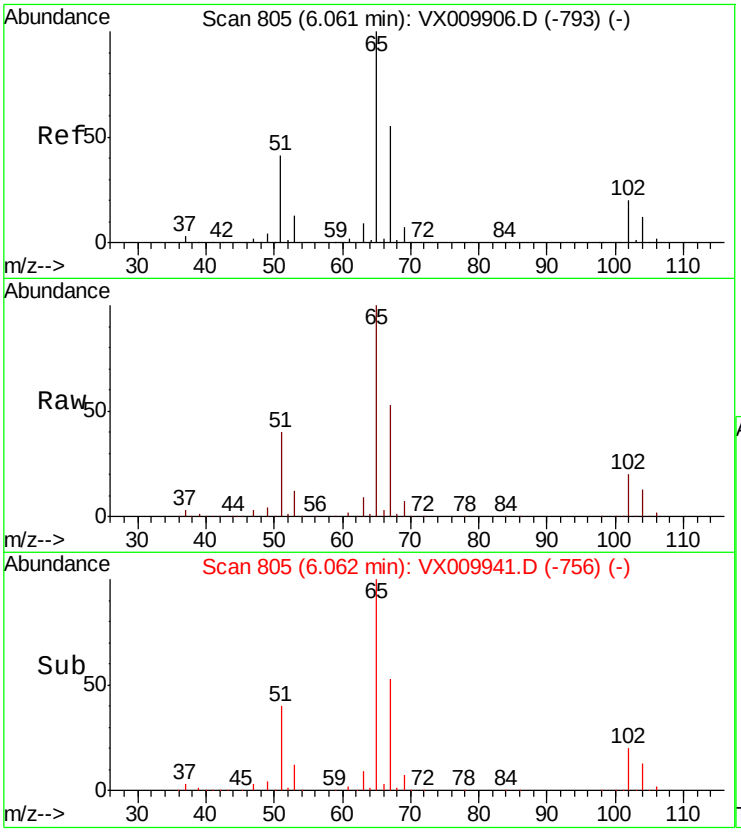


#29
Tetrahydrofuran
Concen: 0.950 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 42 Resp: 1344

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.2	43.8#
71	14.0	27.6	41.4#



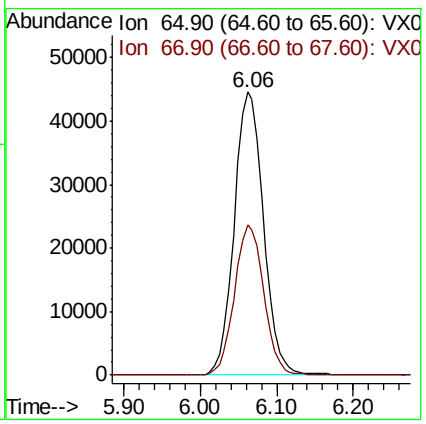


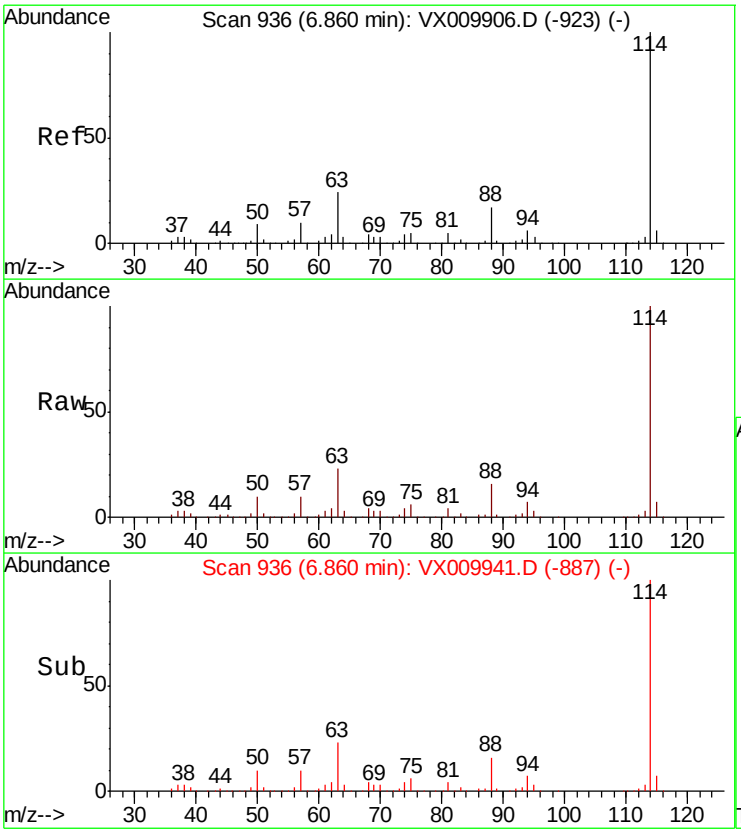
#33
1,2-Dichloroethane-d4
Concen: 48.153 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 65 Resp: 118027

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4

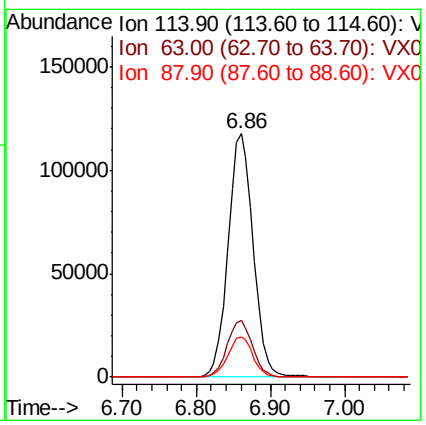


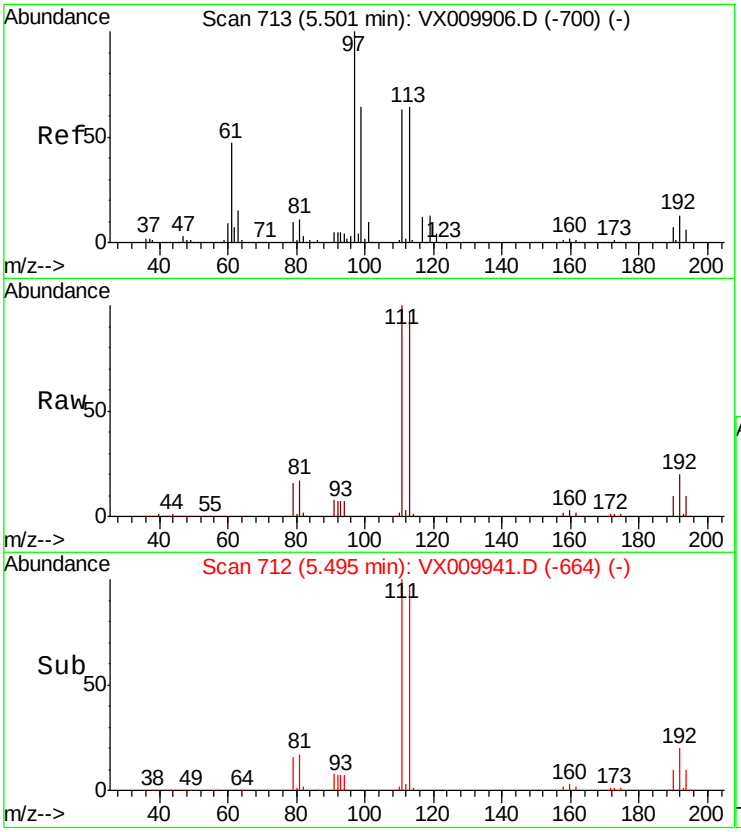


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:114 Resp: 277007

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.4
88	16.4	0.0	33.0



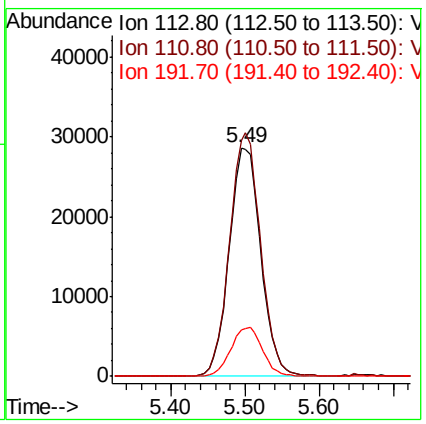


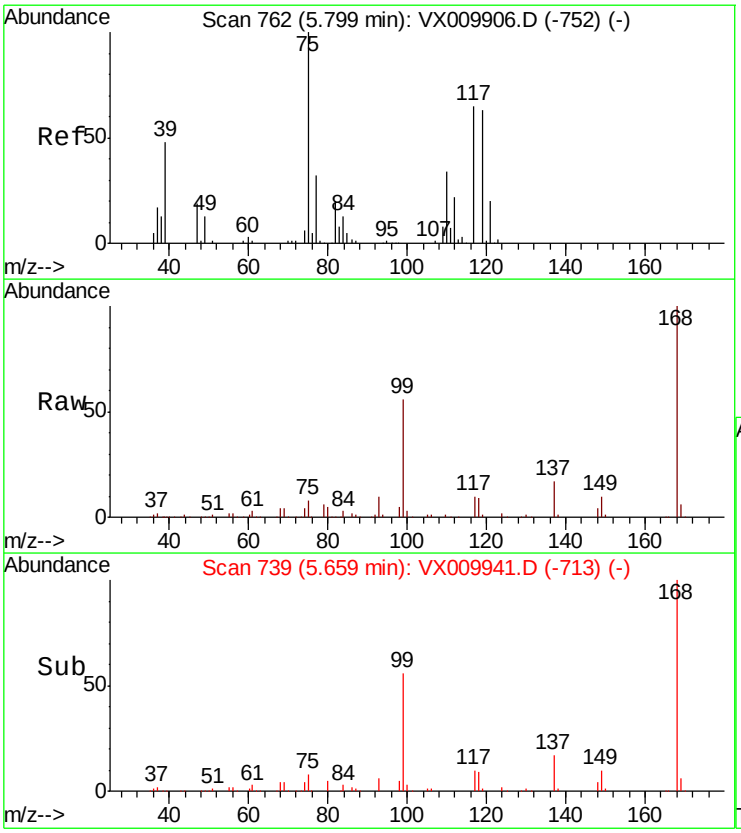
#35
Dibromofluoromethane
Concen: 49.003 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion:113 Resp: 85341

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.2
192	21.3	17.1	25.7

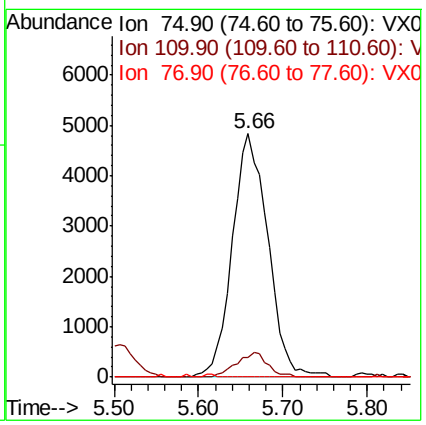


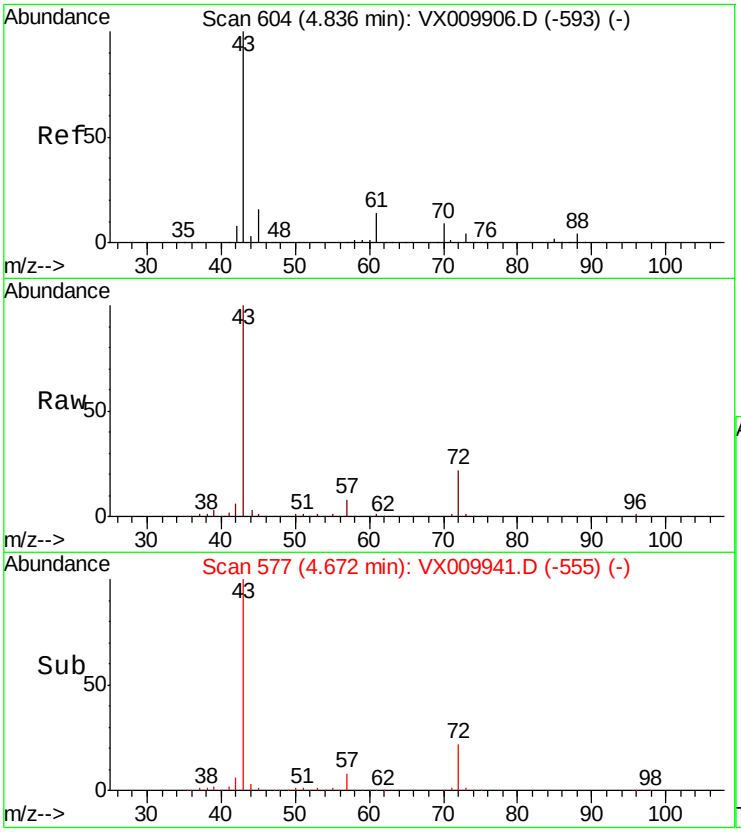


#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 75 Resp: 13824

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.7	50.1#
77	0.0	25.0	37.4#



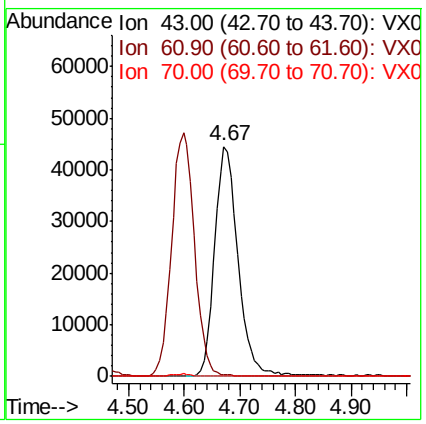


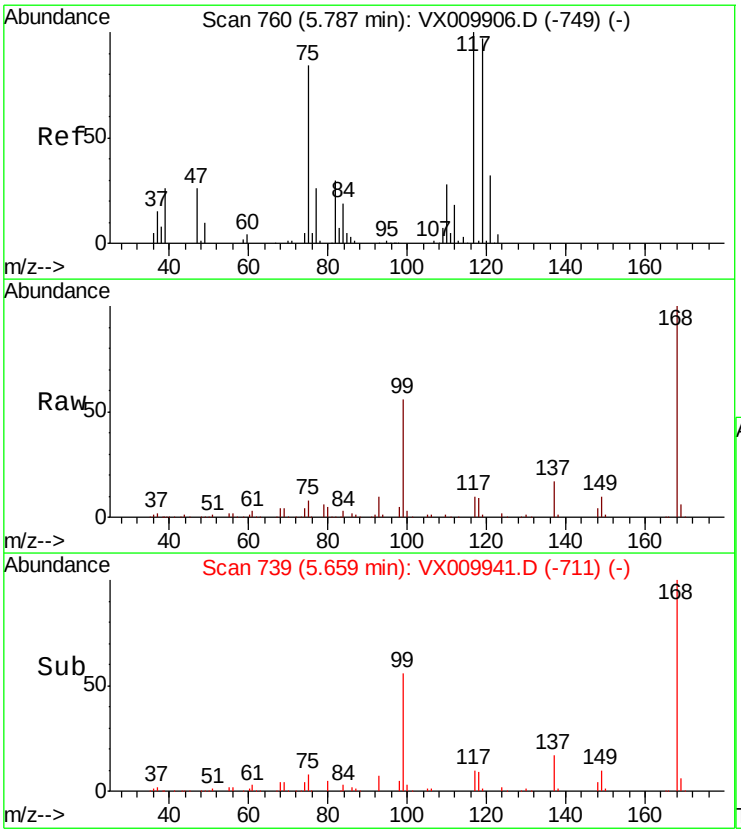
#37
Ethyl Acetate
Concen: 33.309 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.16 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 43 Resp: 130442

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.1	7.4	11.2#

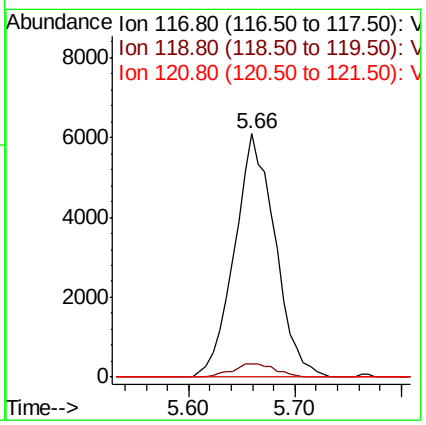


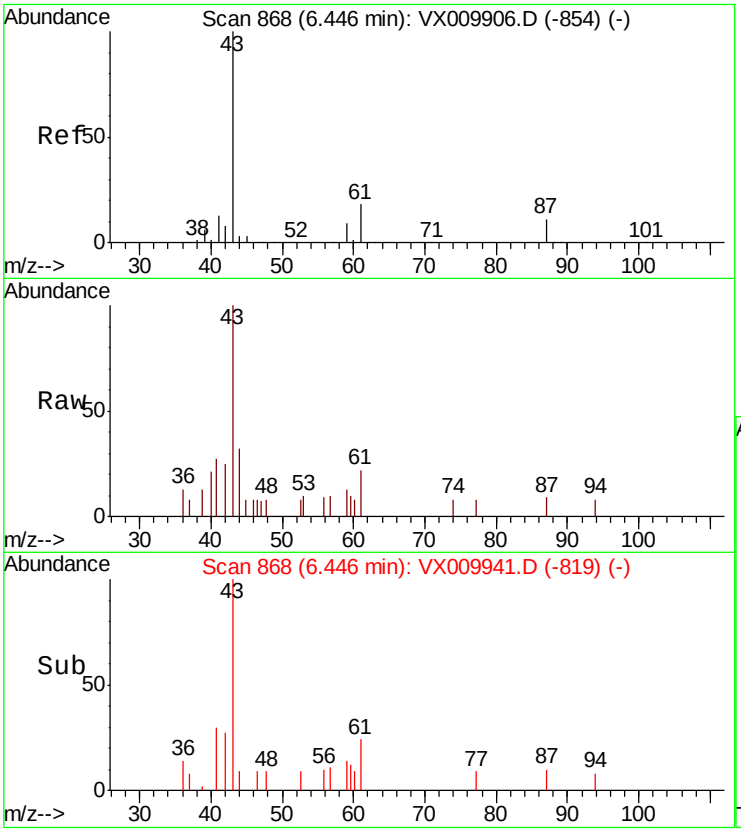


#38
Carbon Tetrachloride
Concen: 6.716 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:117 Resp: 16310

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.3	115.9#
121	0.0	25.4	38.0#



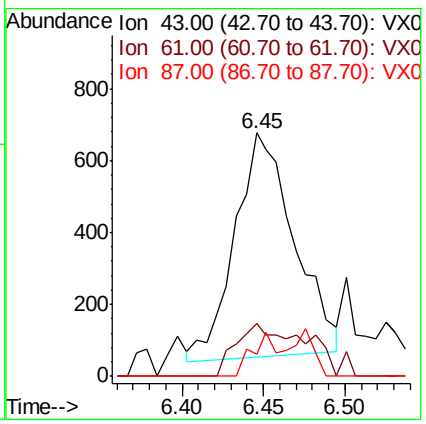


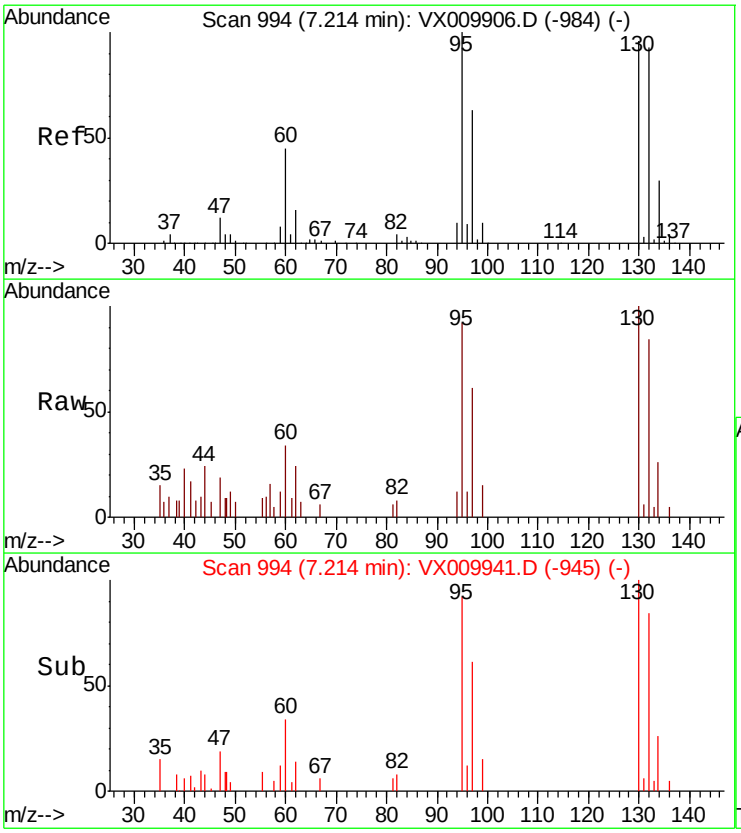
#43
Isopropyl Acetate
Concen: 0.250 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 43 Resp: 1578

Ion	Ratio	Lower	Upper
43	100		
61	28.5	14.6	21.8#
87	7.6	8.7	13.1#

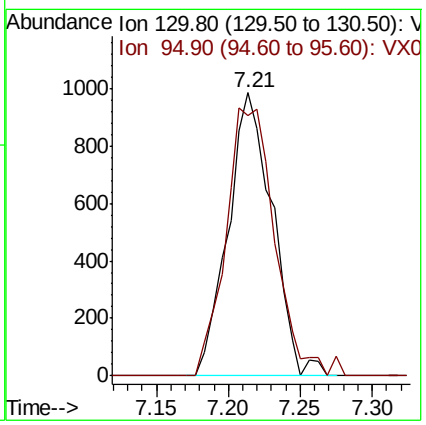


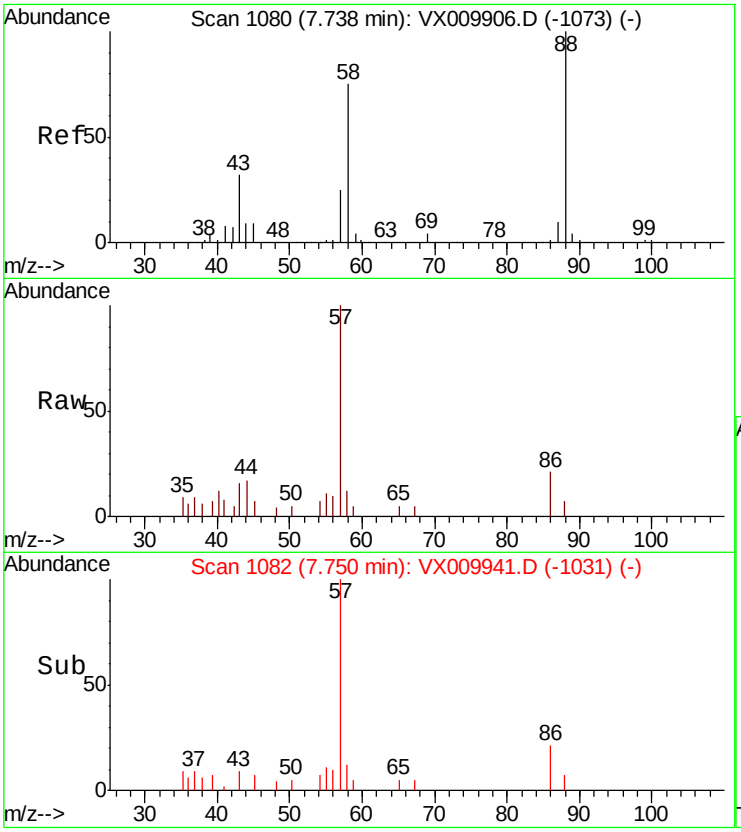


#44
Trichloroethene
Concen: 1.033 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:130 Resp: 2093

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	207.4



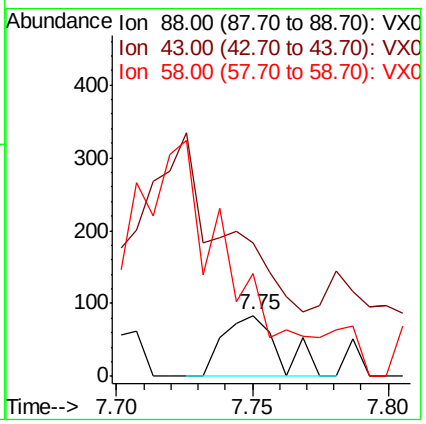


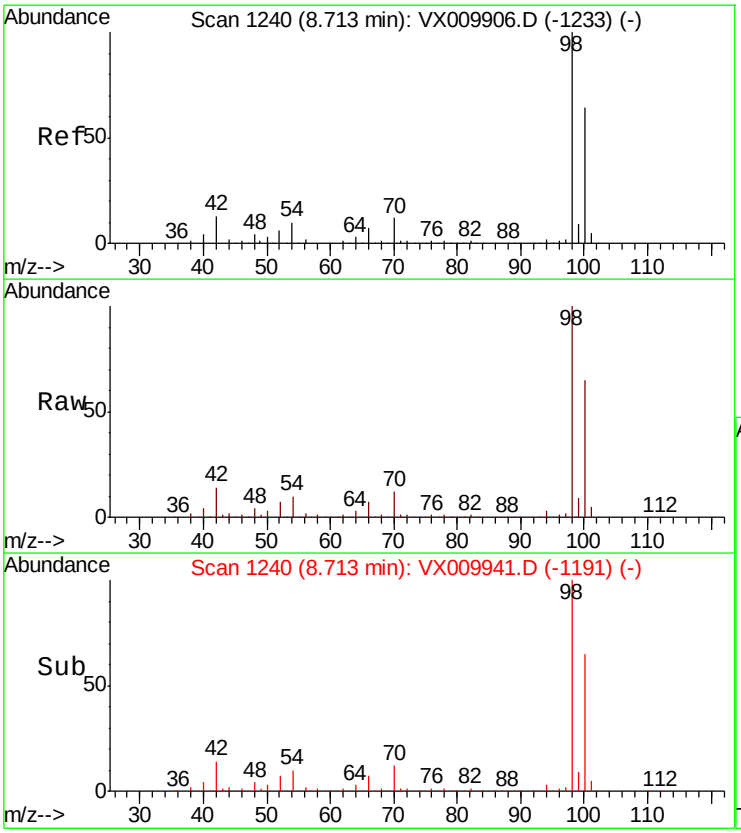
#49
1,4-Dioxane
Concen: 2.045 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument : MSVOA_X
ClientSampleId : S32-0664

Tgt Ion: 88 Resp: 119

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.4#
58	0.0	64.0	96.0#

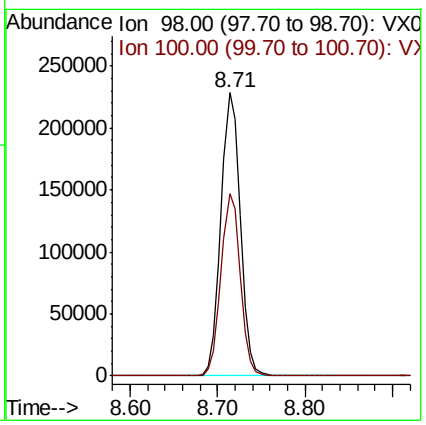


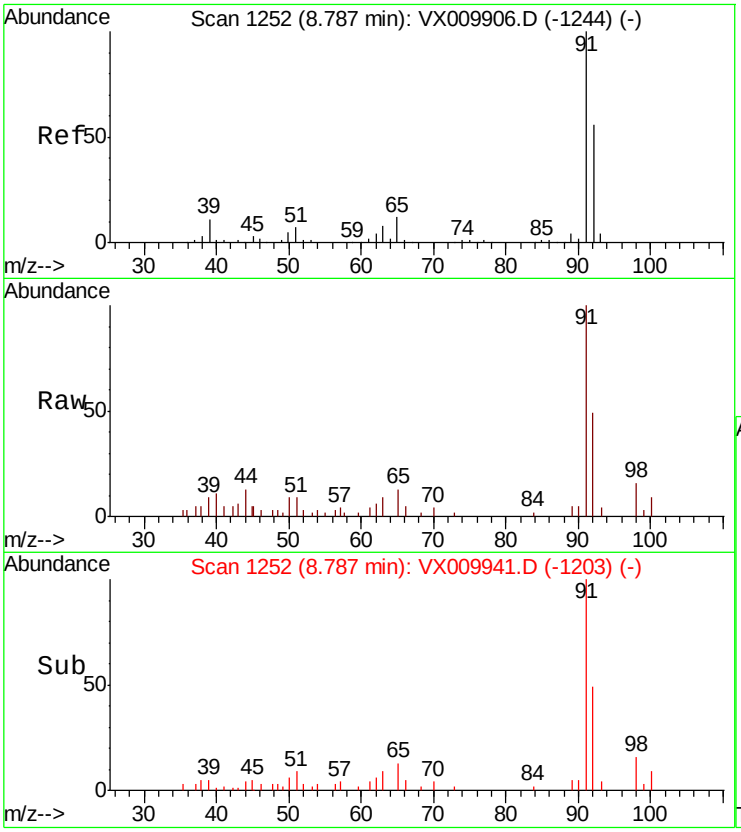


#50
Toluene-d8
Concen: 49.604 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 98 Resp: 350799

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3



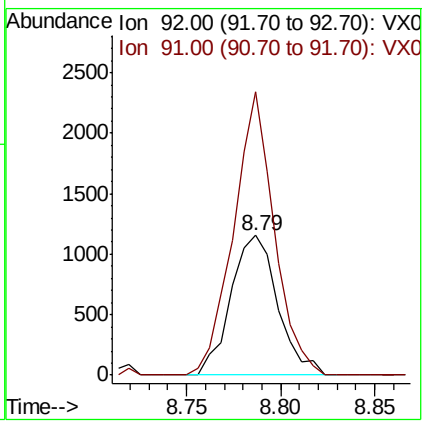


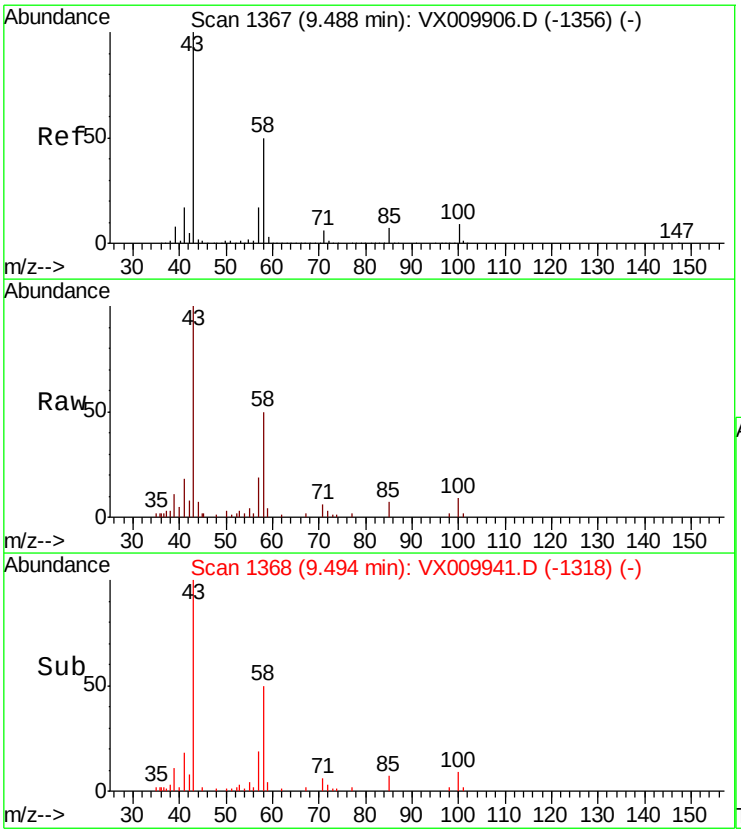
#52
Toluene
Concen: 0.392 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 92 Resp: 1985

Ion	Ratio	Lower	Upper
92	100		
91	176.2	139.9	209.9

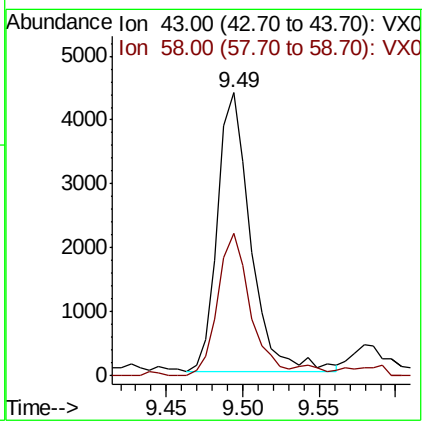


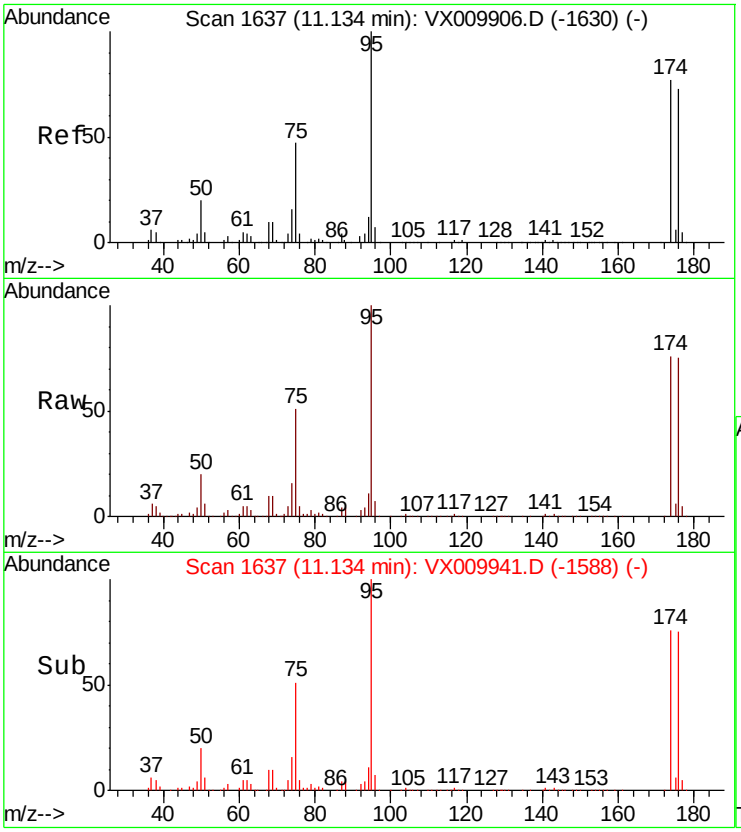


#59
2-Hexanone
Concen: 2.095 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 43 Resp: 6629

Ion	Ratio	Lower	Upper
43	100		
58	49.9	25.1	75.3



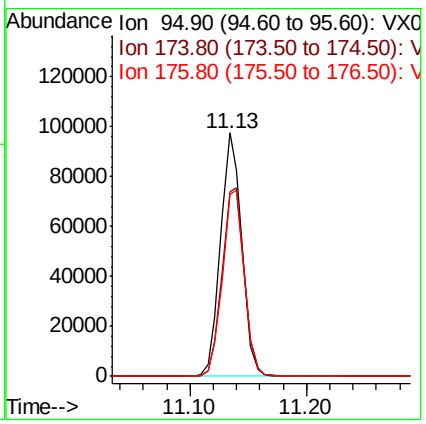


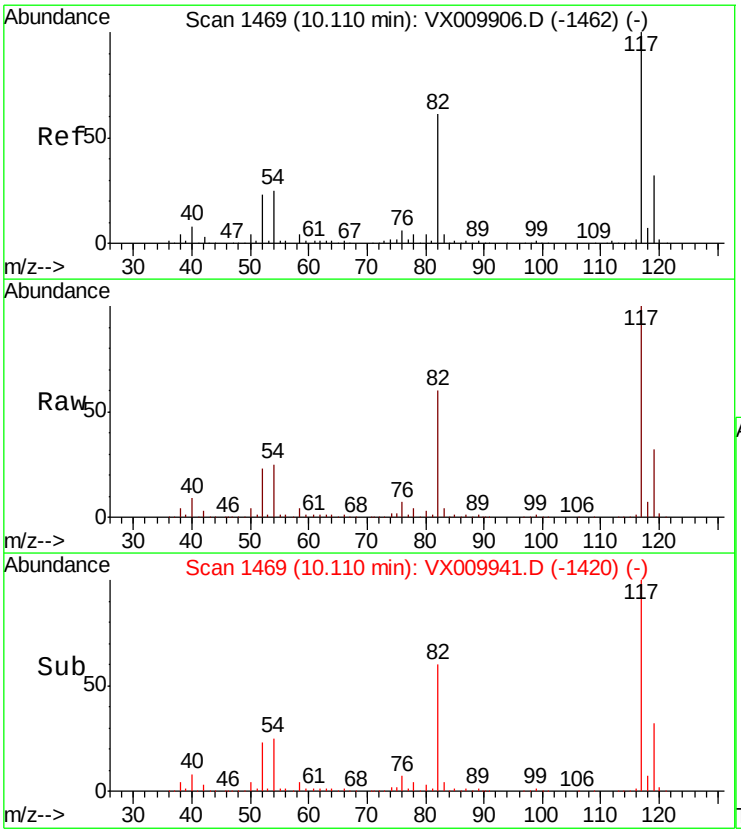
#62
4-Bromofluorobenzene
Concen: 48.069 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 95 Resp: 122104

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	160.4
176	78.9	0.0	154.6

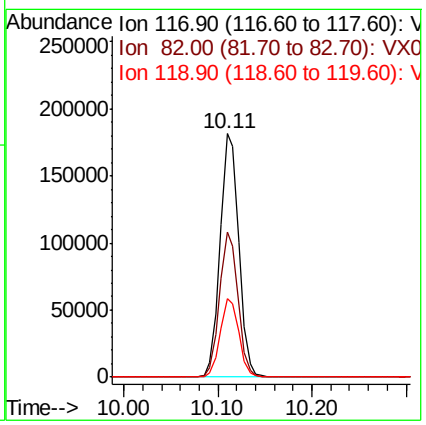


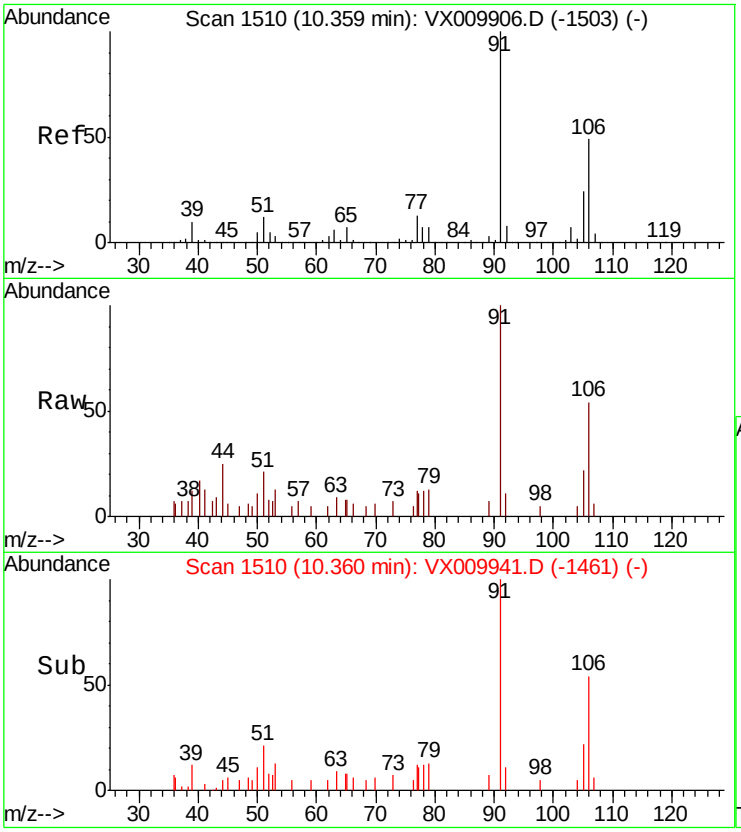


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:117 Resp: 249444

Ion	Ratio	Lower	Upper
117	100		
82	59.7	49.2	73.8
119	32.1	25.2	37.8



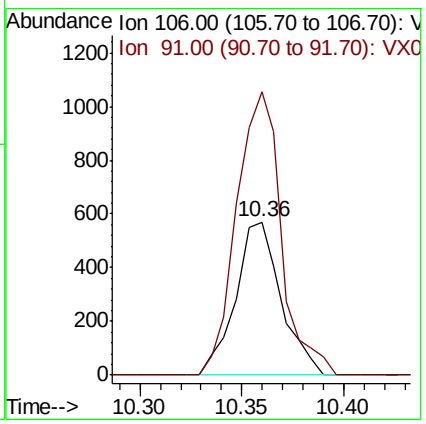


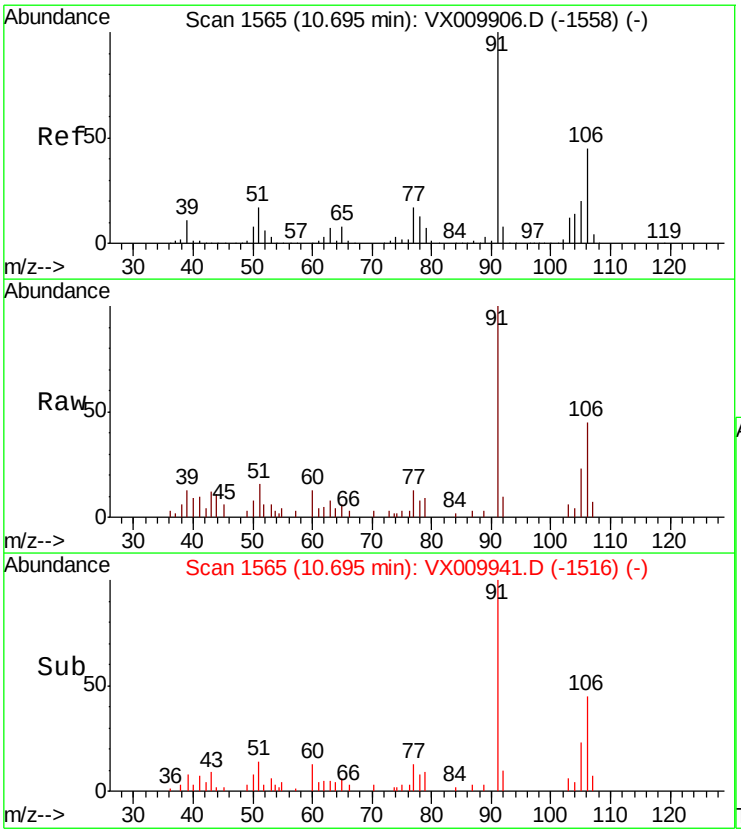
#68
m/p-Xylenes
Concen: 0.255 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion:106 Resp: 885

Ion	Ratio	Lower	Upper
106	100		
91	181.2	167.3	250.9

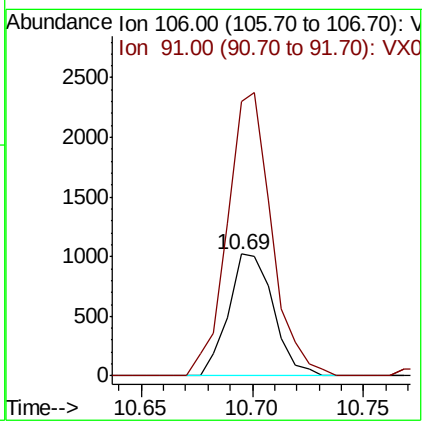


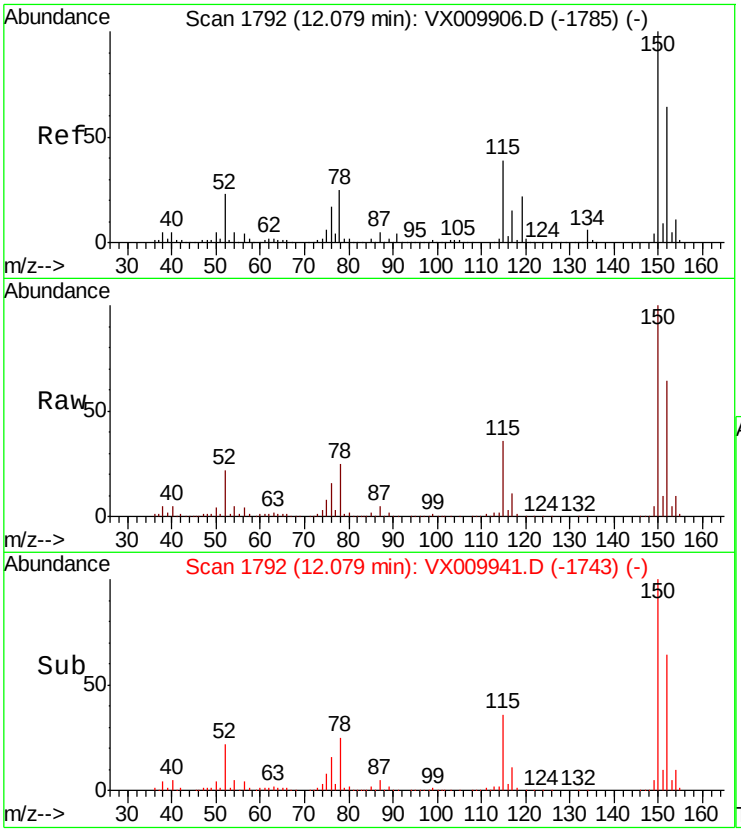


#69
o-Xylene
Concen: 0.430 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:106 Resp: 1430

Ion	Ratio	Lower	Upper
106	100		
91	229.9	110.4	331.2



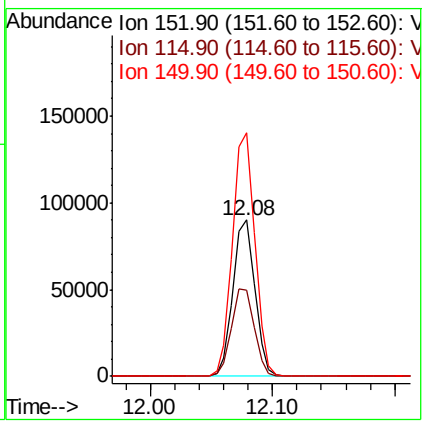


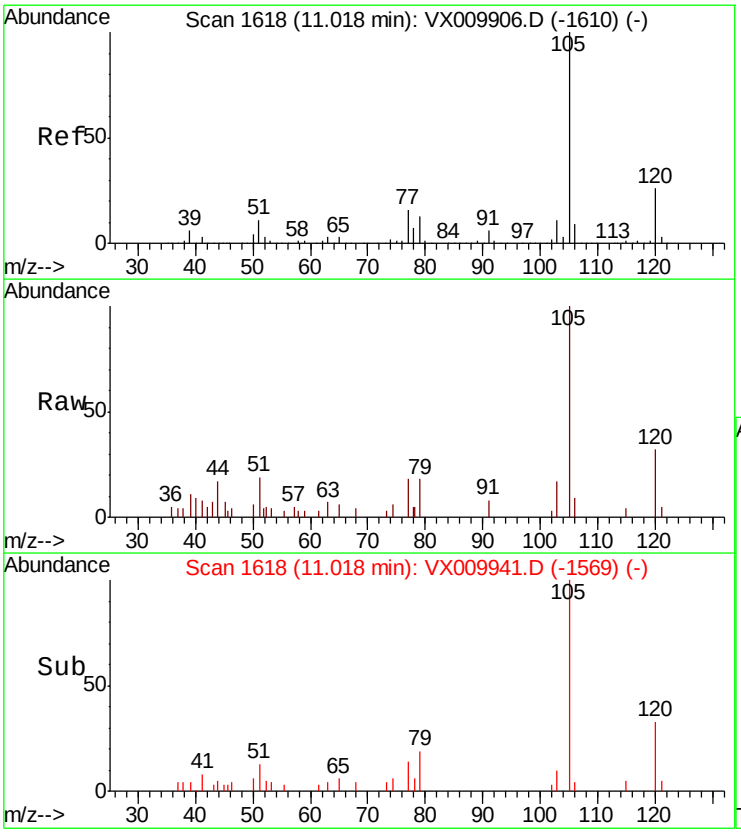
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion:152 Resp: 111777

Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.4	124.2
150	157.4	0.0	345.2

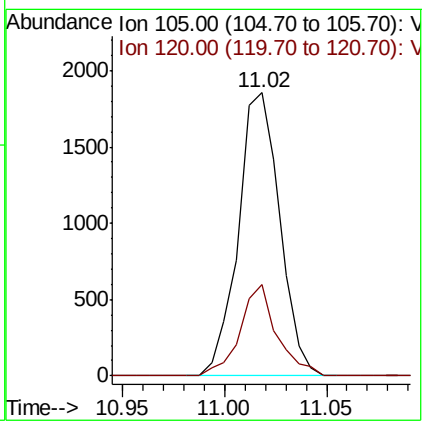


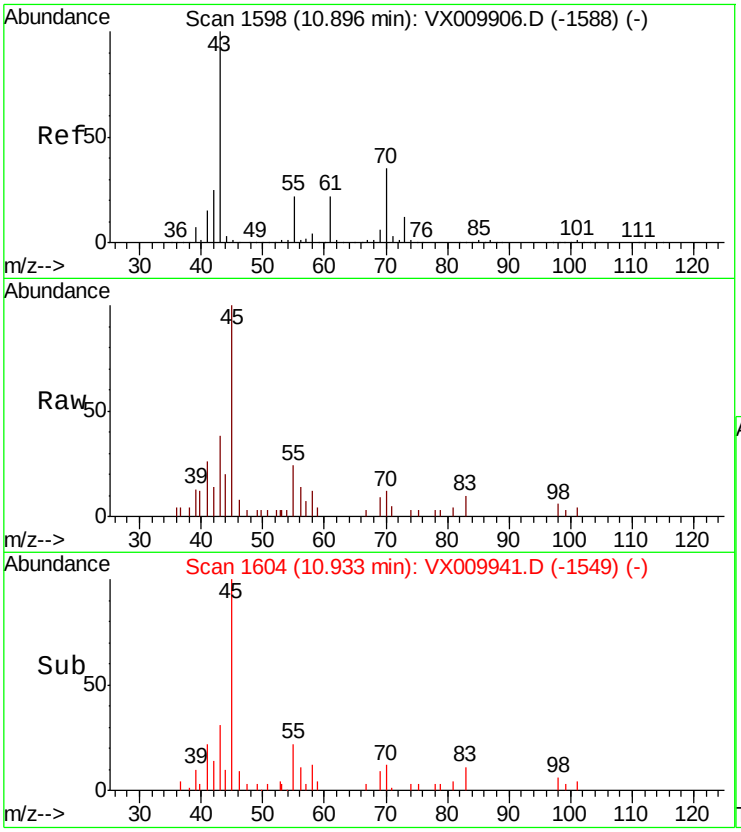


#73
Isopropylbenzene
Concen: 0.317 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:105 Resp: 2617

Ion	Ratio	Lower	Upper
105	100		
120	28.8	12.8	38.4



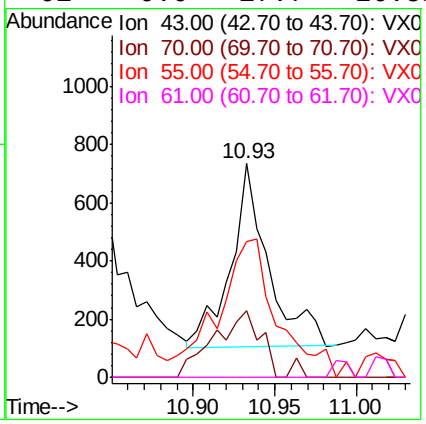


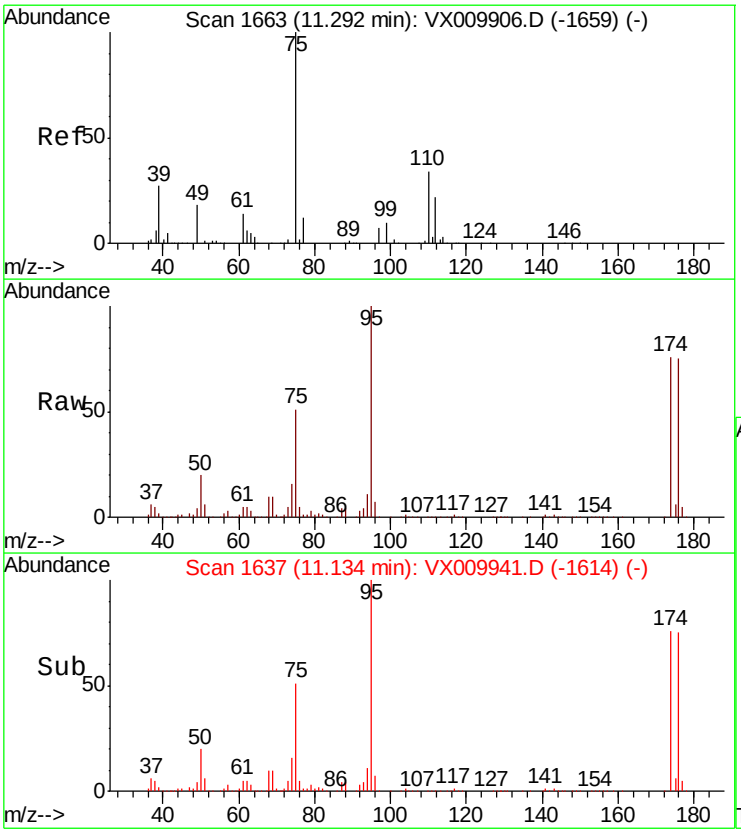
#74
N-amyl acetate
Concen: 0.204 ug/l
RT: 10.93 min Scan# 1604
Delta R.T. 0.04 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument : MSVOA_X
ClientSampleId : S32-0664

Tgt Ion: 43 Resp: 1005

Ion	Ratio	Lower	Upper
43	100		
70	45.2	28.6	43.0#
55	121.4	17.8	26.8#
61	0.0	17.7	26.5#

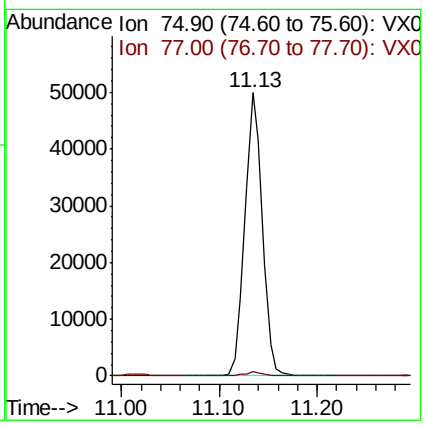


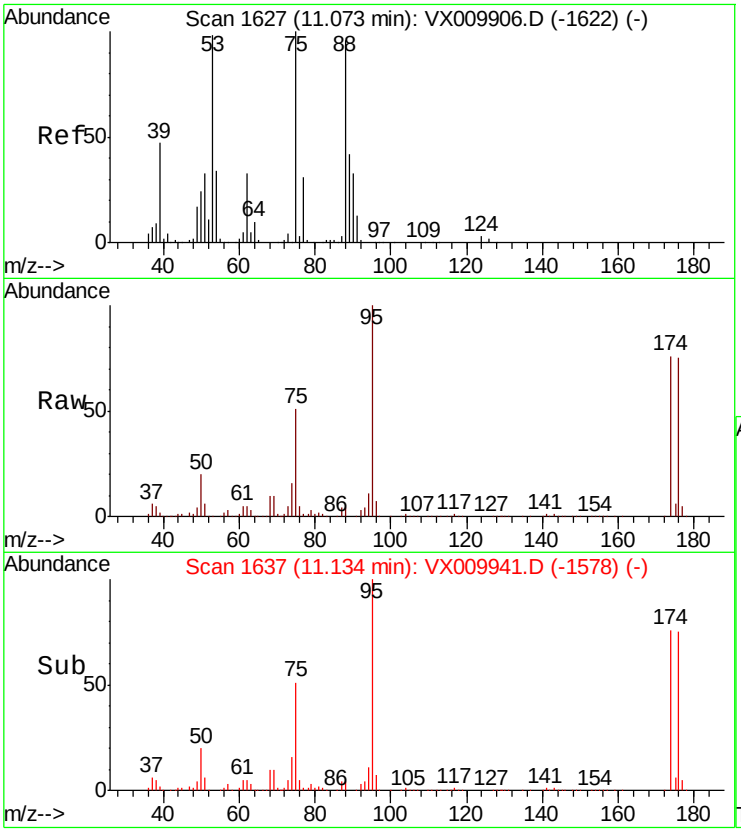


#76
1,2,3-Trichloropropane
Concen: 23.287 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion: 75 Resp: 62245

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#



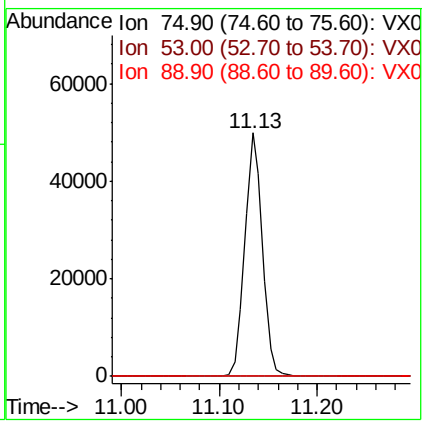


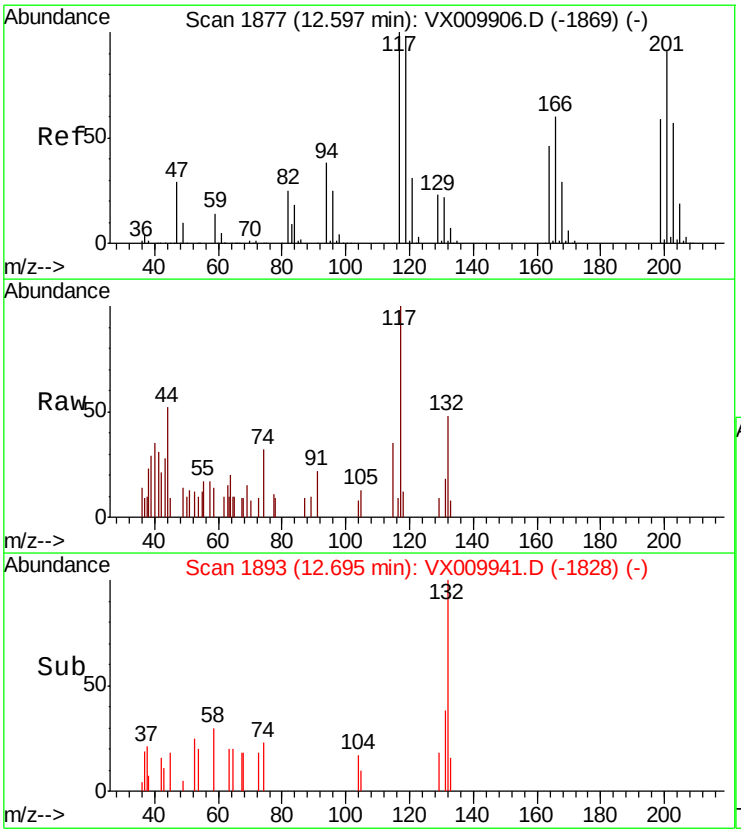
#81
trans-1,4-Dichloro-2-butene
Concen: 57.616 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
S32-0664

Tgt Ion: 75 Resp: 62245

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.8	119.6#
89	0.0	34.2	51.4#





#90
Hexachloroethane
Concen: 0.714 ug/l
RT: 12.69 min Scan# 1893
Delta R.T. 0.10 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:117 Resp: 871

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.6	130.9#