Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101918\
Data File : VX005462.D
Acq On : 19 Oct 2018 17:00
Operator : JC/MD
Sample : J5604-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MS-VB-29736-BOX-2

Quant Time: Oct 20 04:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	259757	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	357667	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	328373	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166560	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	153443	53.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.46%				
35) Dibromofluoromethane	5.51	113	119387	50.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.80%				
50) Toluene-d8	8.71	98	439701	54.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.14%				
62) 4-Bromofluorobenzene	11.14	95	159214	52.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.22%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	352	0.791	ug/l	#	61
6) Chloroethane	1.70	64	110	0.391	ug/l	#	44
11) Tert butyl alcohol	3.07	59	4502	5.536	ug/l	#	89
13) Acrolein	2.30	56	625	Below Cal			93
16) Acetone	2.45	43	380500	228.274	ug/l		97
18) Methyl Acetate	2.62	43	24819	5.234	ug/l	#	51
20) Methylene Chloride	2.85	84	478	Below Cal		#	89
25) 2-Butanone	4.70	43	18429	7.557	ug/l		91
29) Tetrahydrofuran	5.17	42	8700	5.593	ug/l		91
30) Chloroform	5.21	83	2476	0.555	ug/l		92
31) Cyclohexane	5.66	56	4442	1.121	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	16397	4.734	ug/l	#	51
37) Ethyl Acetate	4.70	43	18429	4.137	ug/l	#	68
38) Carbon Tetrachloride	5.67	117	22247	6.392	ug/l	#	15
40) Benzene	6.15	78	3762	0.362	ug/l		97
41) Methacrylonitrile	5.17	41	5278	2.210	ug/l	#	48
43) Isopropyl Acetate	6.48	43	1367	0.230	ug/l	#	59
49) 1,4-Dioxane	7.76	88	51	0.718	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	2025	0.493	ug/l		91
52) Toluene	8.79	92	7496	1.319	ug/l		100
59) 2-Hexanone	9.51	43	1028	0.311	ug/l		82
68) m/p-Xylenes	10.35	106	2242	0.509	ug/l		93
69) o-Xylene	10.70	106	2130	0.501	ug/l		78
74) N-amyl acetate	10.92	43	2483	0.520	ug/l	#	51
76) 1,2,3-Trichloropropane	11.13	75	80037	24.773	ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.51	105	2170	0.256	ug/l		89
81) trans-1,4-Dichloro-2-buten	11.05	75	51803	48.719	ug/l	#	23
84) 1,2,4-Trimethylbenzene	11.81	105	3961	0.454	ug/l		79
95) Naphthalene	13.83	128	8132	0.708	ug/l	#	91

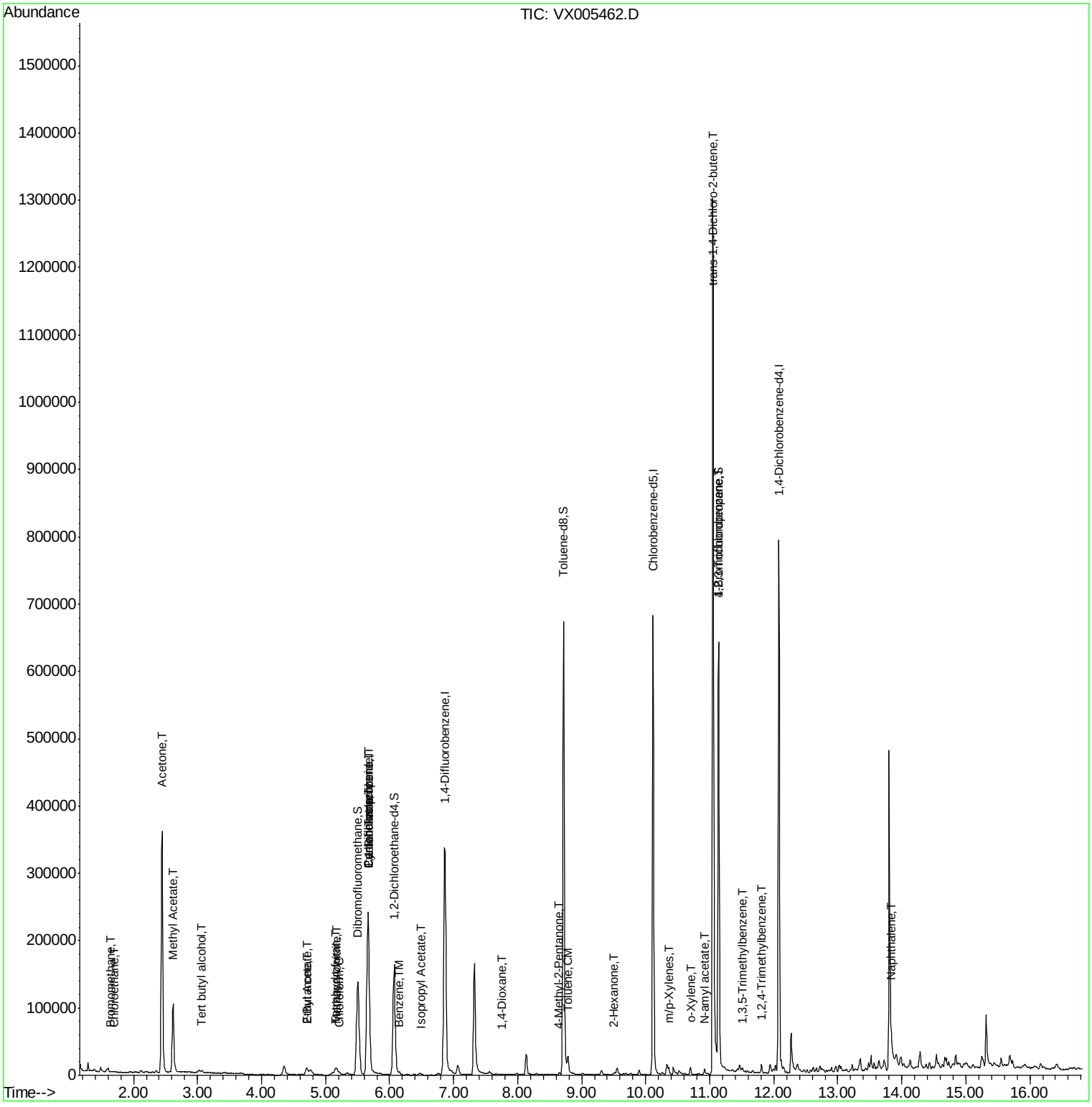
(#) = qualifier out of range (m) = manual integration (+) = signals summed

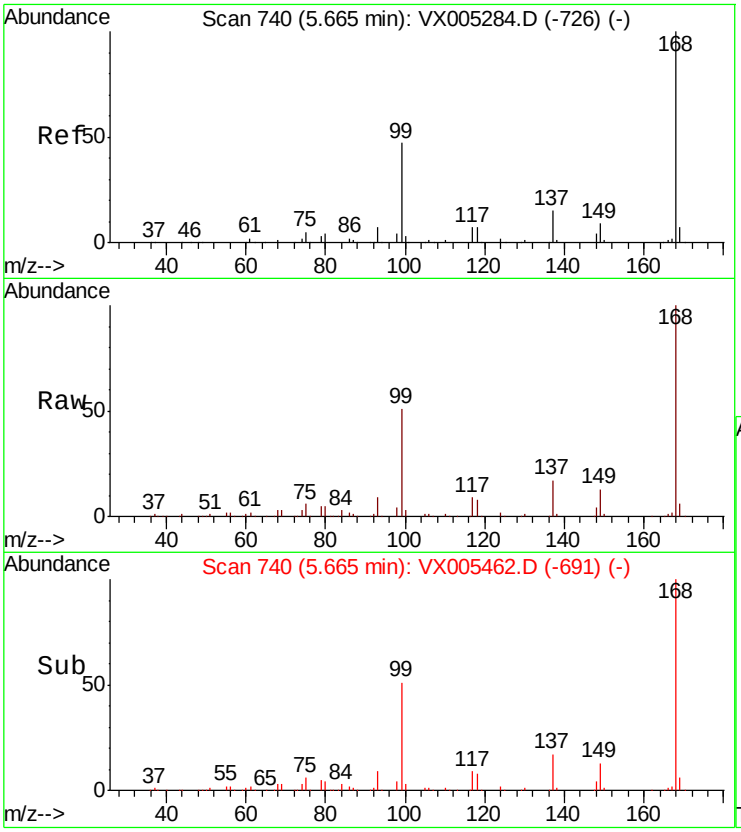
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101918\
Data File : VX005462.D
Acq On : 19 Oct 2018 17:00
Operator : JC/MD
Sample : J5604-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Quant Time: Oct 20 04:21:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



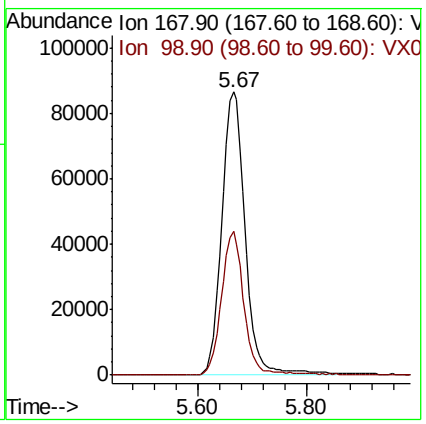


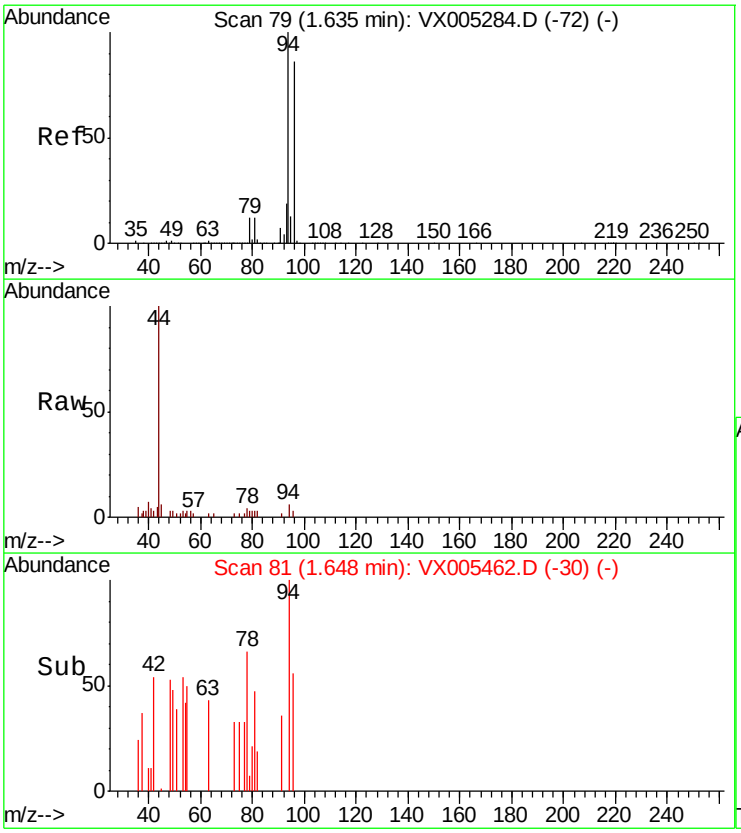
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion:168 Resp: 259757

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.9	59.9

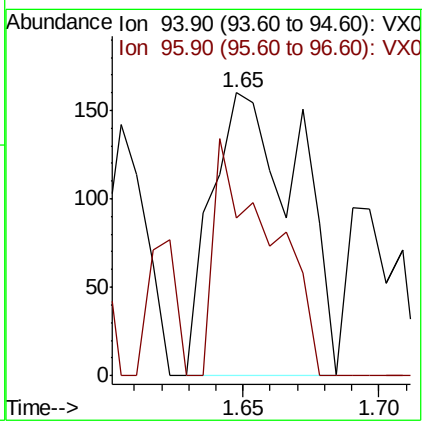


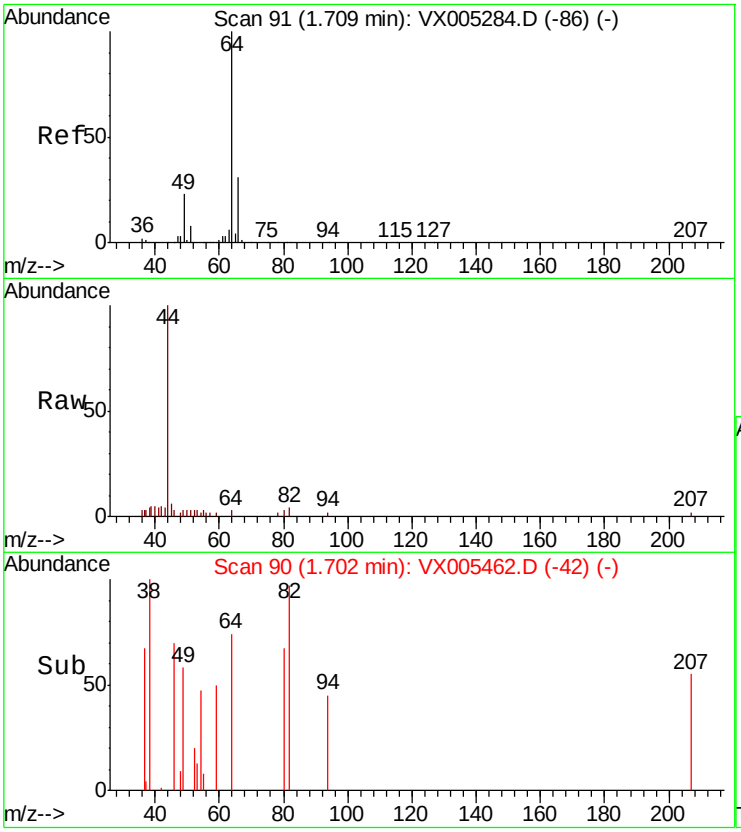


#5
Bromomethane
Concen: 0.791 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 94 Resp: 352

Ion	Ratio	Lower	Upper
94	100		
96	55.6	74.5	111.7#



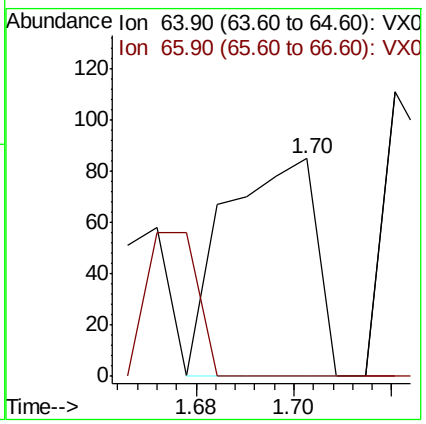


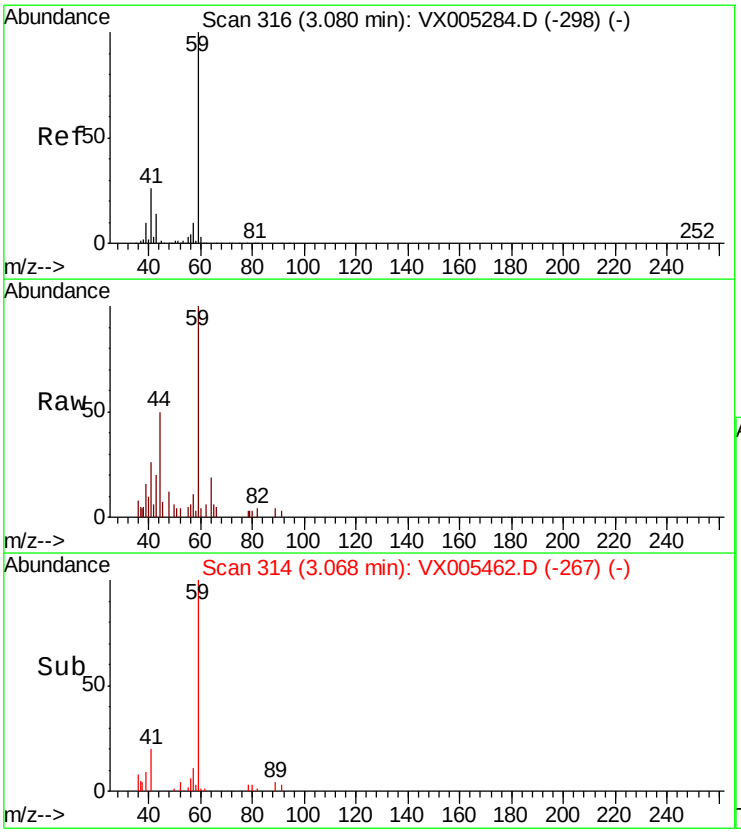
#6
Chloroethane
Concen: 0.391 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 64 Resp: 110

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

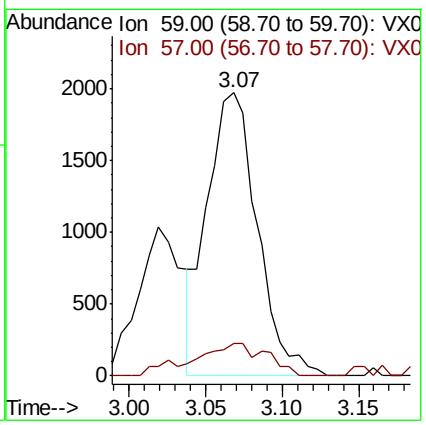


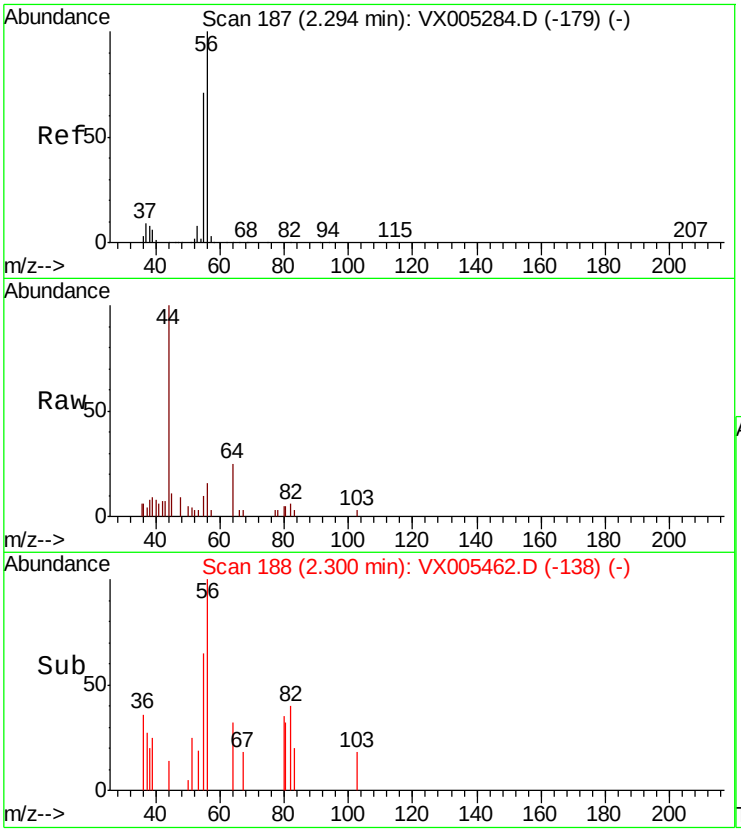


#11
Tert butyl alcohol
Concen: 5.536 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 59 Resp: 4502

Ion	Ratio	Lower	Upper
59	100		
57	14.3	8.2	12.4#



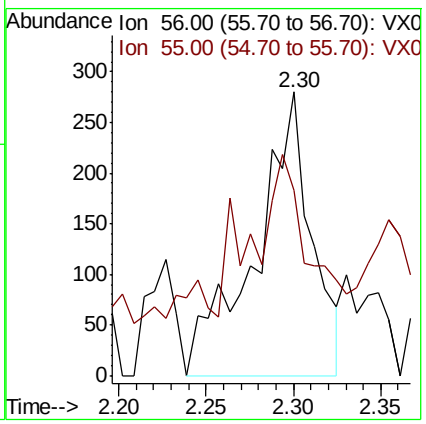


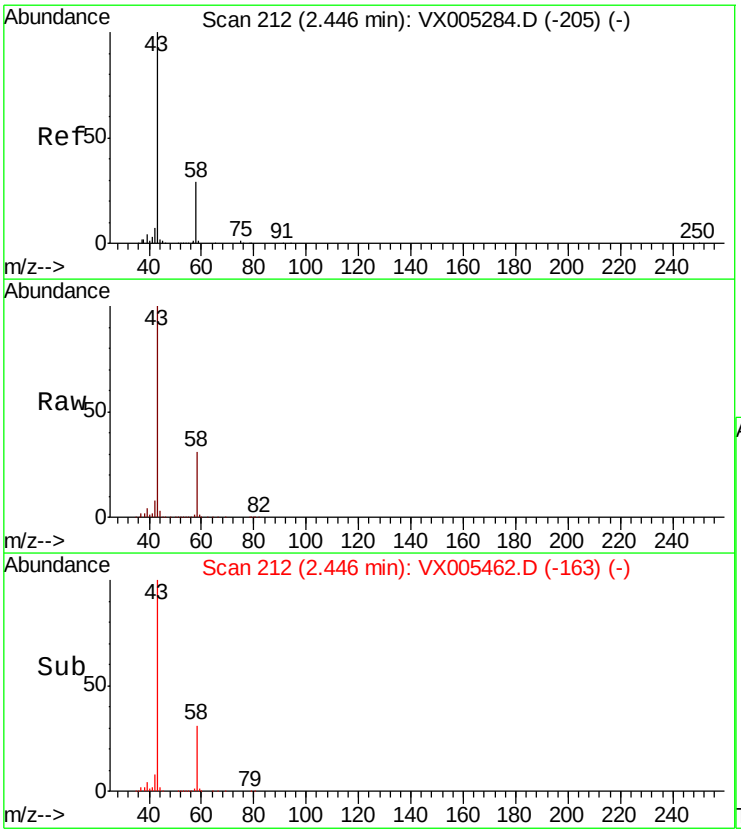
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 56 Resp: 625

Ion	Ratio	Lower	Upper
56	100		
55	63.0	54.7	82.1

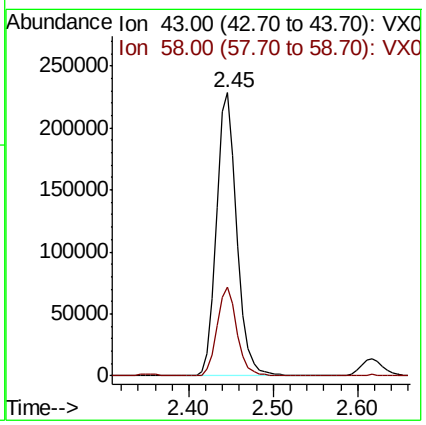


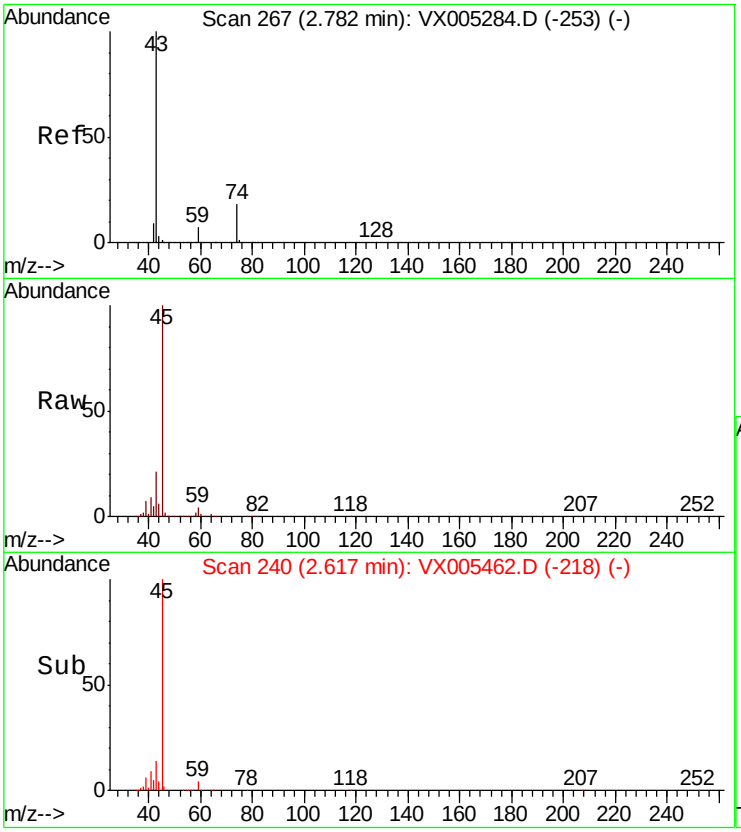


#16
Acetone
Concen: 228.274 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 43 Resp: 380500

Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.2	39.4



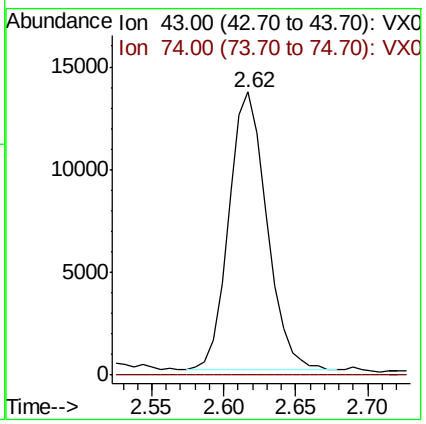


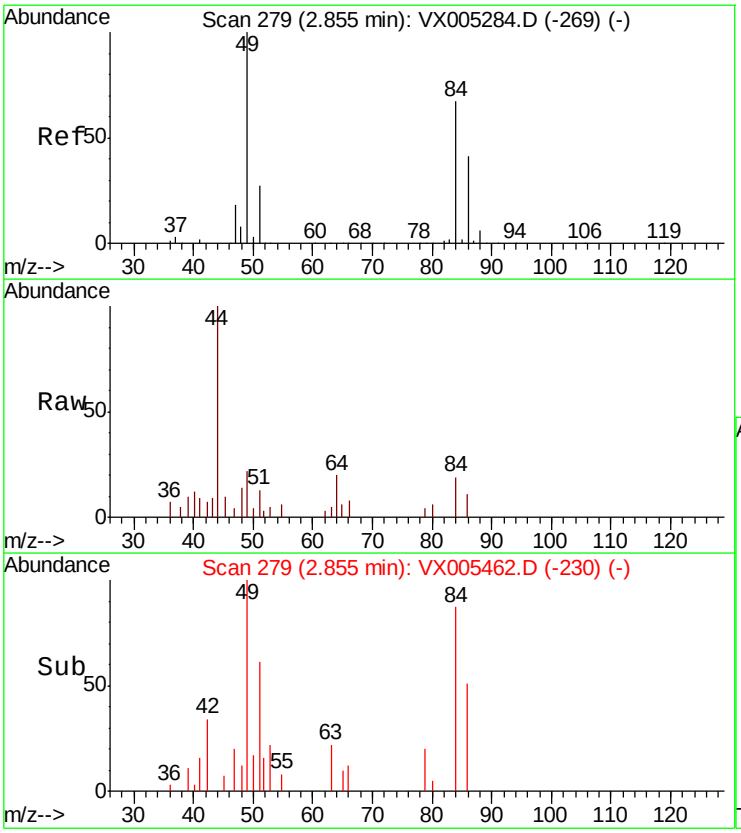
#18
Methyl Acetate
Concen: 5.234 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.16 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 43 Resp: 24819

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#

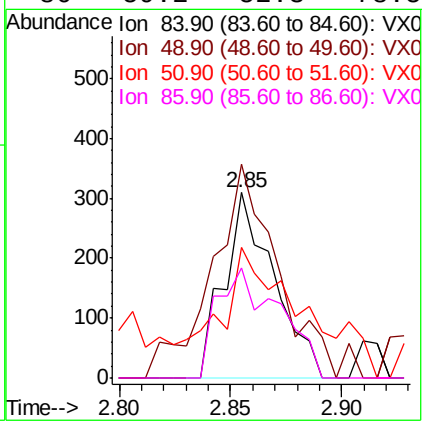


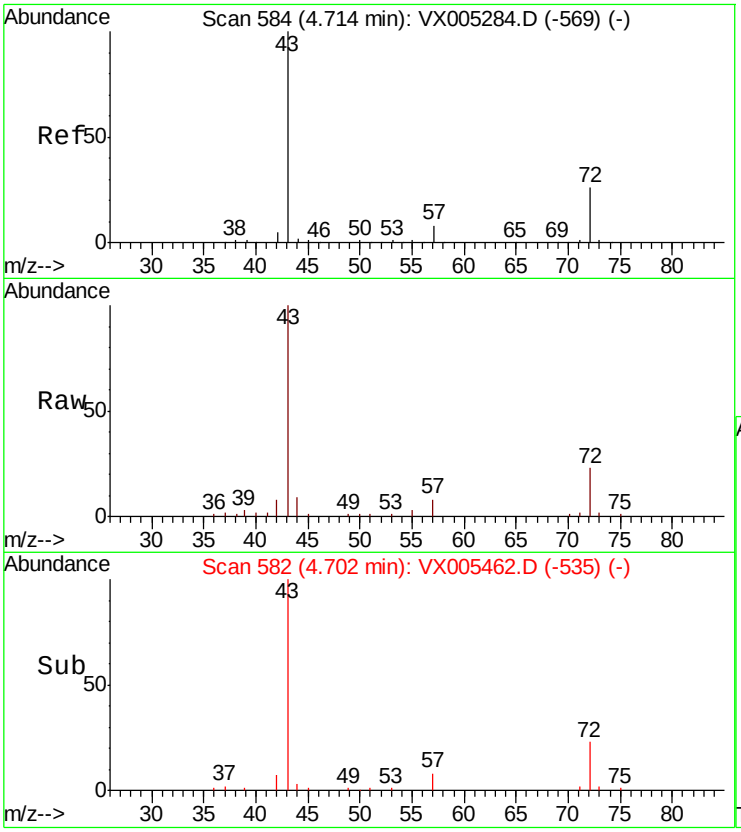


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 84 Resp: 478

Ion	Ratio	Lower	Upper
84	100		
49	115.5	101.2	151.8
51	49.5	29.5	44.3#
86	59.2	52.3	78.5



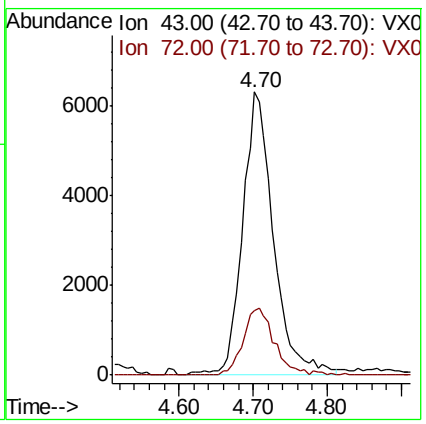


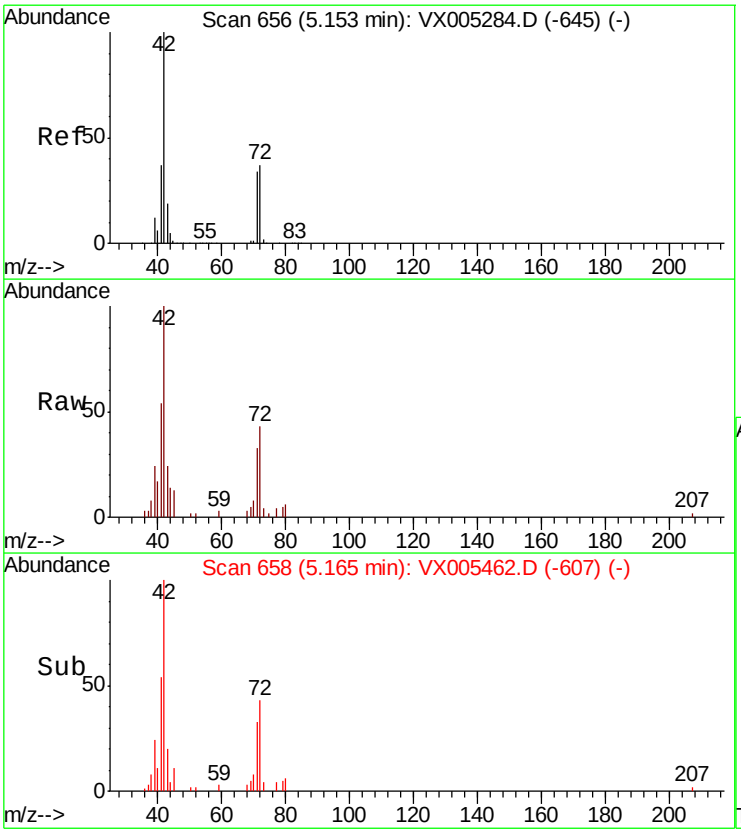
#25
2-Butanone
Concen: 7.557 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 43 Resp: 18429

Ion	Ratio	Lower	Upper
43	100		
72	23.0	22.0	33.0

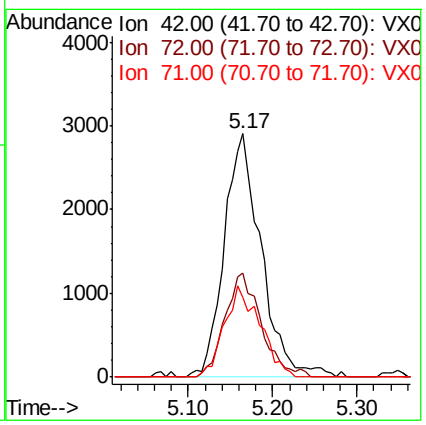


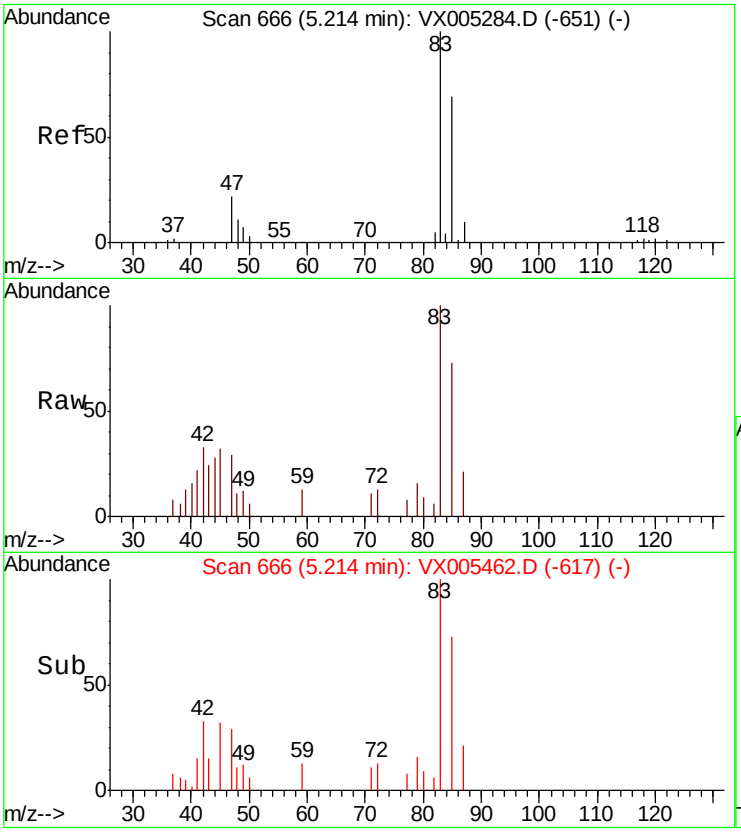


#29
Tetrahydrofuran
Concen: 5.593 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 42 Resp: 8700

Ion	Ratio	Lower	Upper
42	100		
72	42.0	37.4	56.0
71	36.1	34.5	51.7



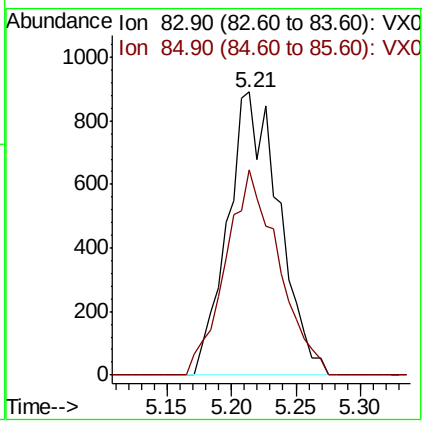


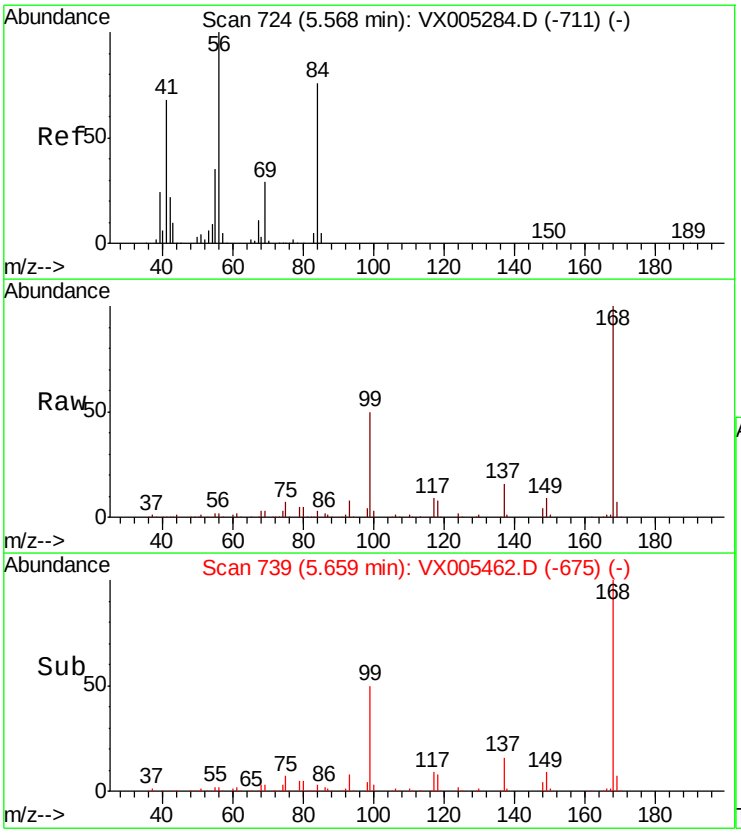
#30
Chloroform
Concen: 0.555 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 83 Resp: 2476

Ion	Ratio	Lower	Upper
83	100		
85	72.5	52.6	79.0

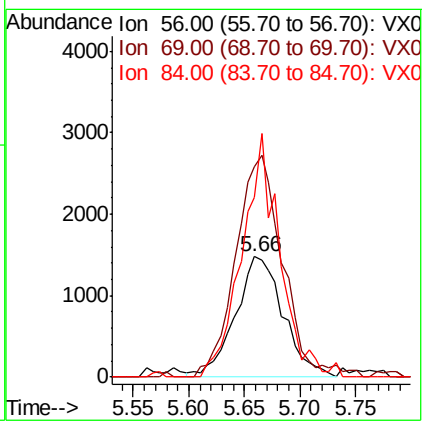


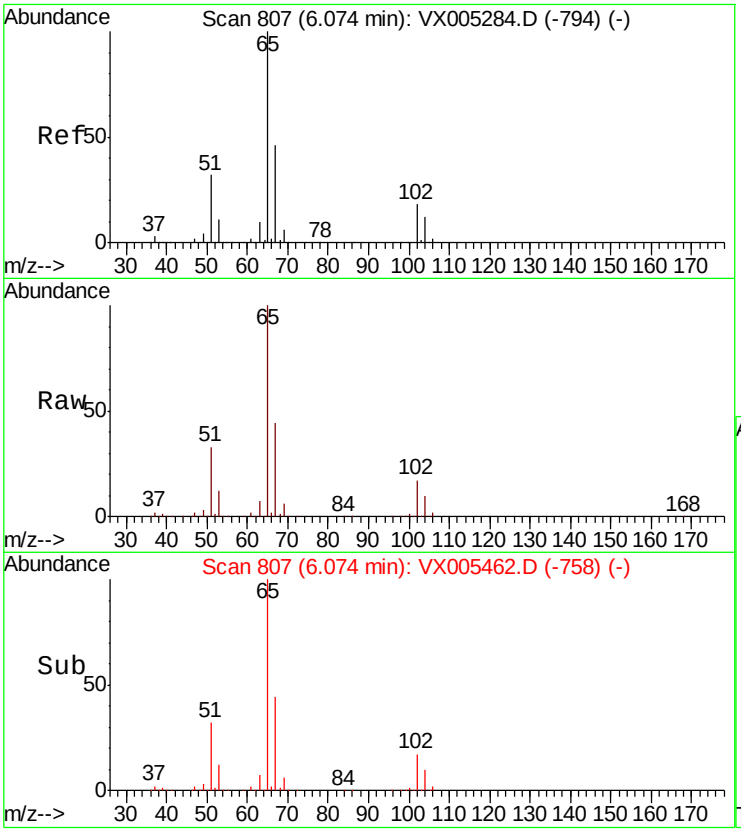


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 56 Resp: 4442

Ion	Ratio	Lower	Upper
56	100		
69	174.1	25.4	38.2#
84	148.9	71.4	107.2#



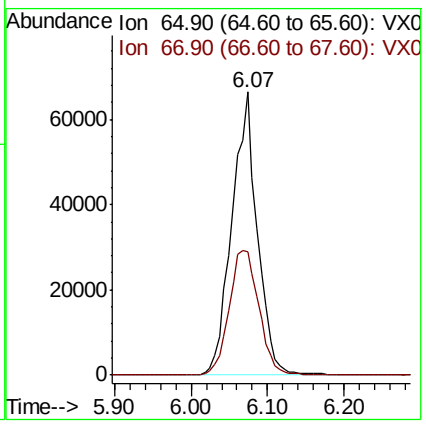


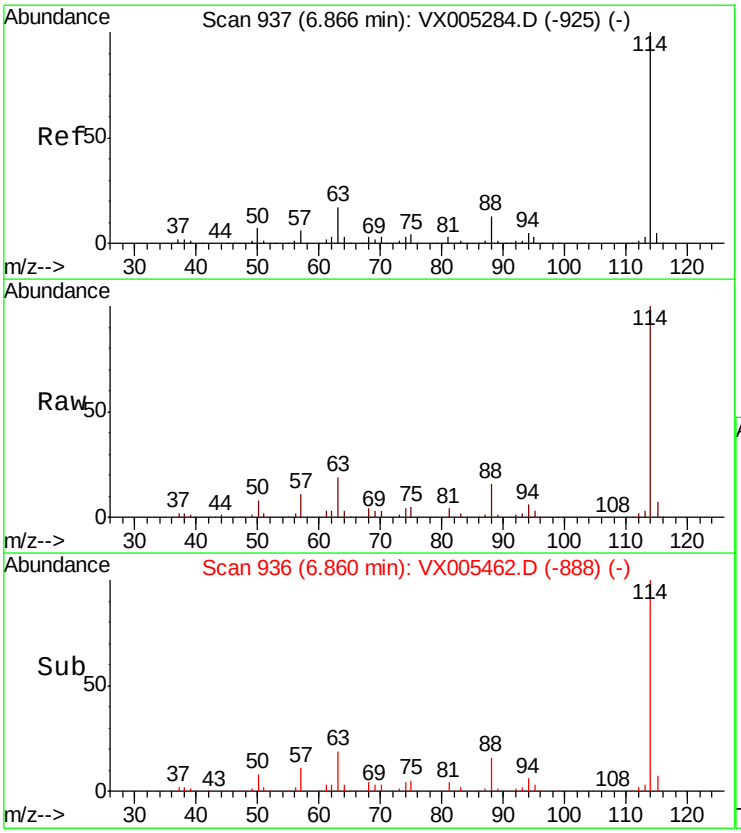
#33
1,2-Dichloroethane-d4
Concen: 53.225 ug/l
RT: 6.07 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 65 Resp: 153443

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.8

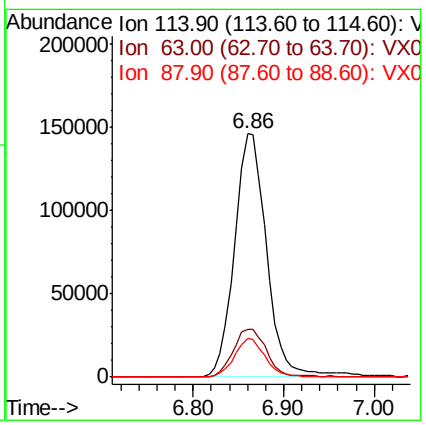


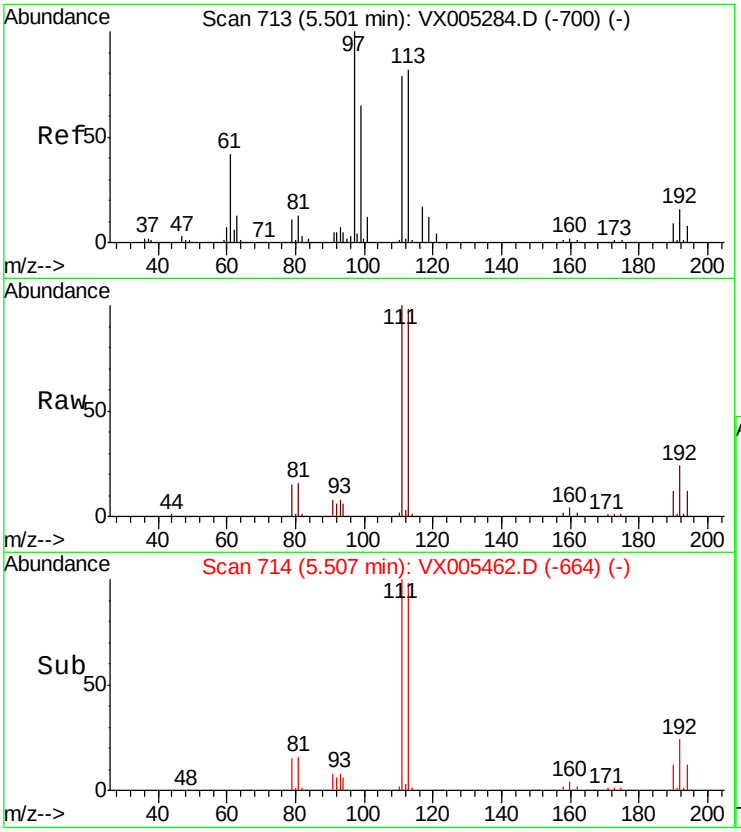


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:114 Resp: 357667

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.7	0.0	30.4



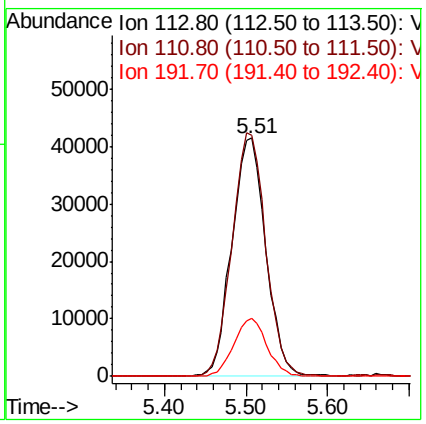


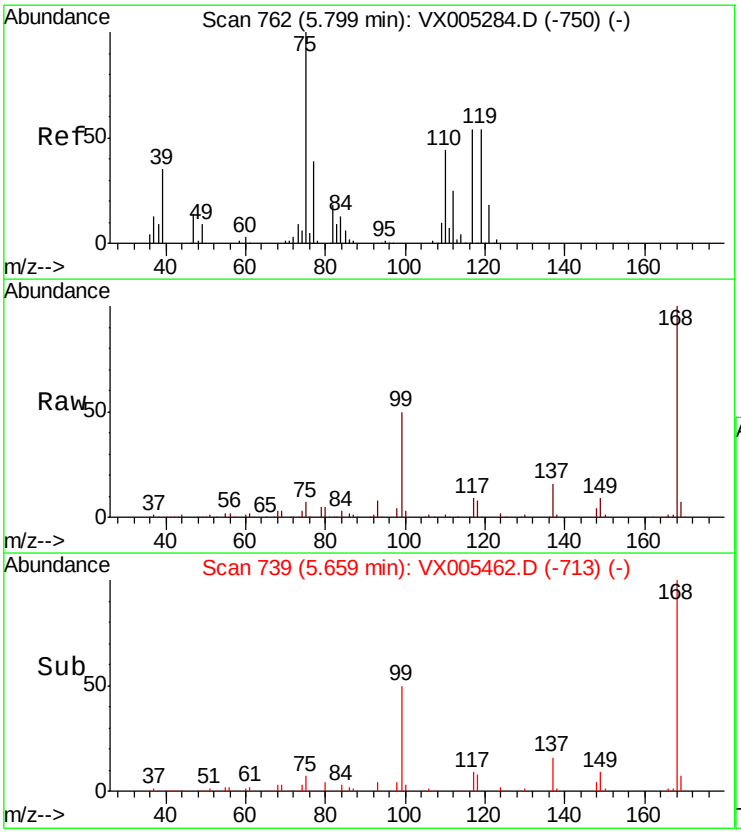
#35
Dibromofluoromethane
Concen: 50.397 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion:113 Resp: 119387

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	23.8	19.4	29.2

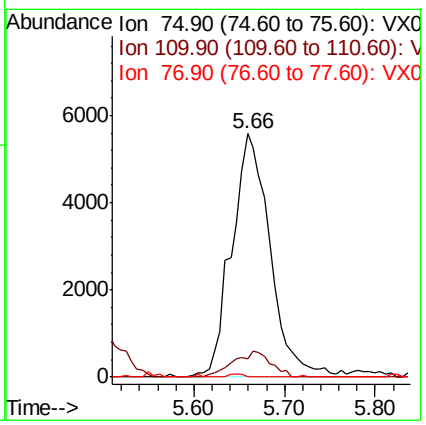


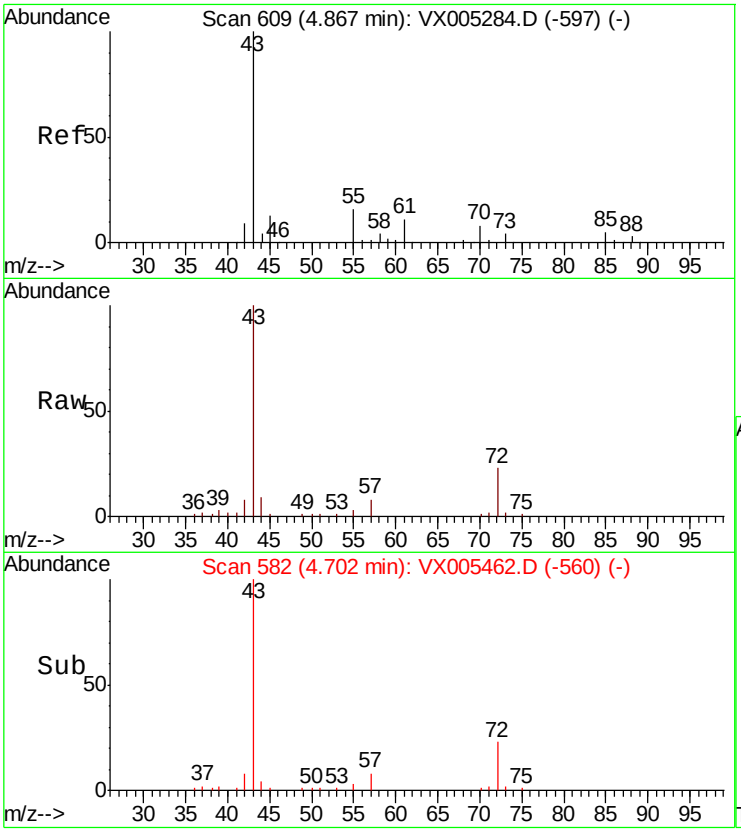


#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 75 Resp: 16397

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.0	54.0#
77	0.4	24.6	36.8#



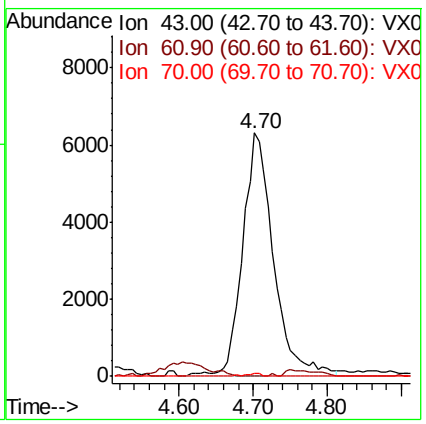


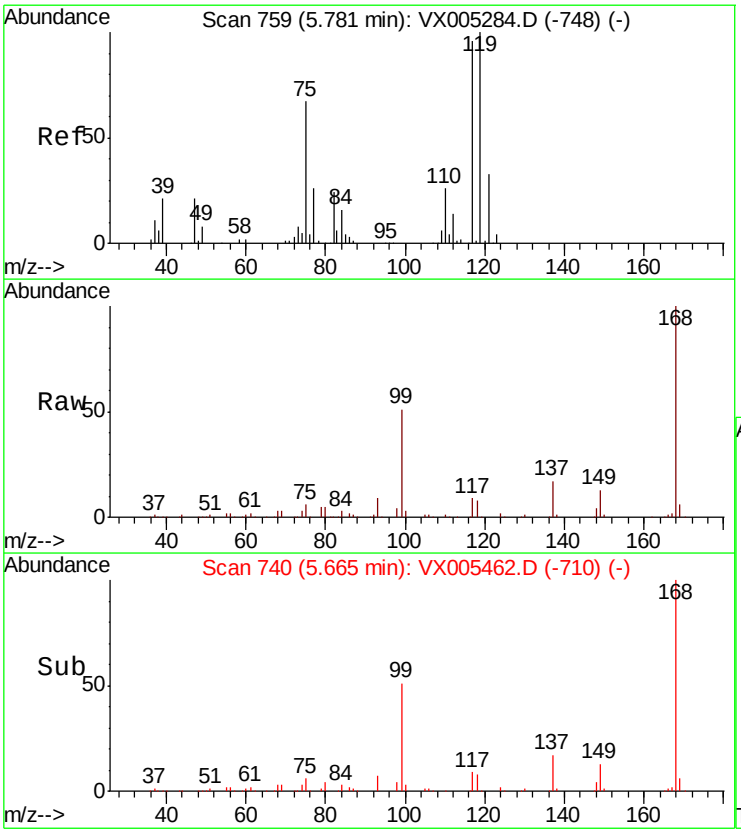
#37
Ethyl Acetate
Concen: 4.137 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 43 Resp: 18429

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.6	9.0	13.6#

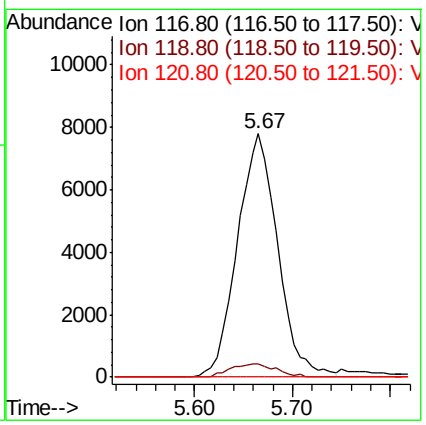


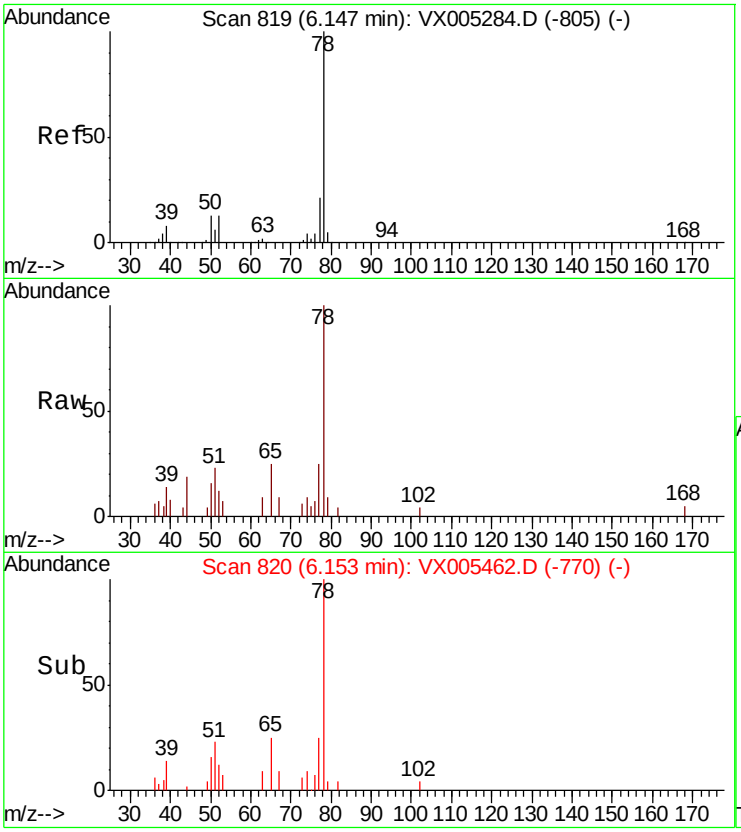


#38
Carbon Tetrachloride
Concen: 6.392 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:117 Resp: 22247

Ion	Ratio	Lower	Upper
117	100		
119	5.4	78.8	118.2#
121	0.0	24.9	37.3#



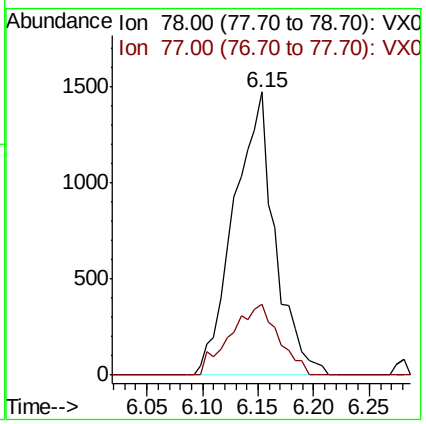


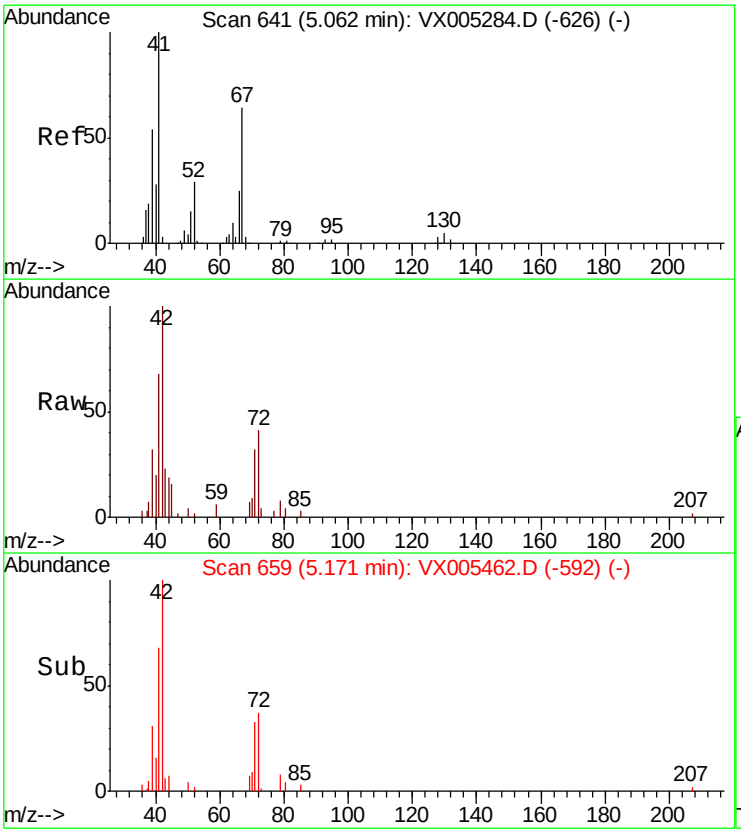
#40
Benzene
Concen: 0.362 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 78 Resp: 3762

Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.4

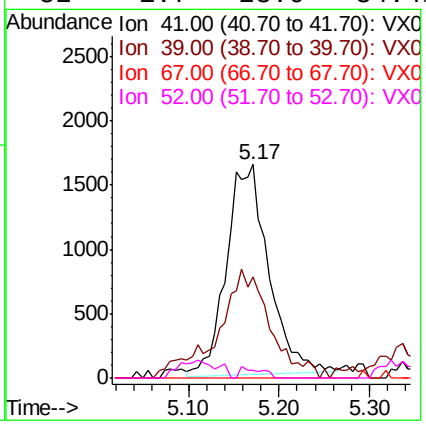


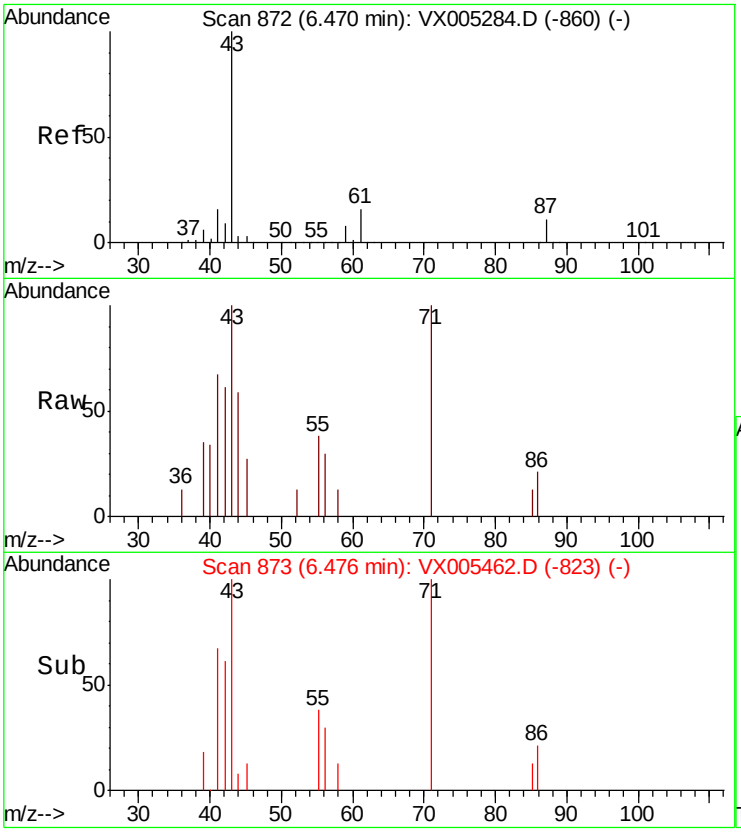


#41
Methacrylonitrile
Concen: 2.210 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 41 Resp: 5278

Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.4	63.6
67	0.0	59.2	88.8#
52	1.7	23.0	34.4#



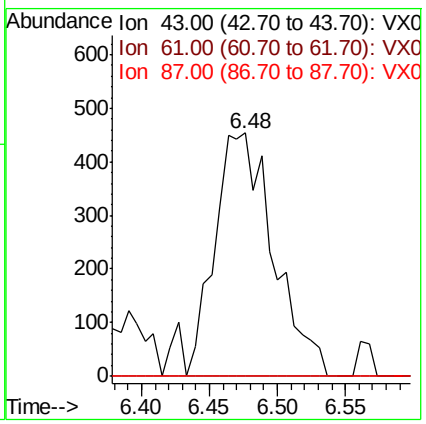


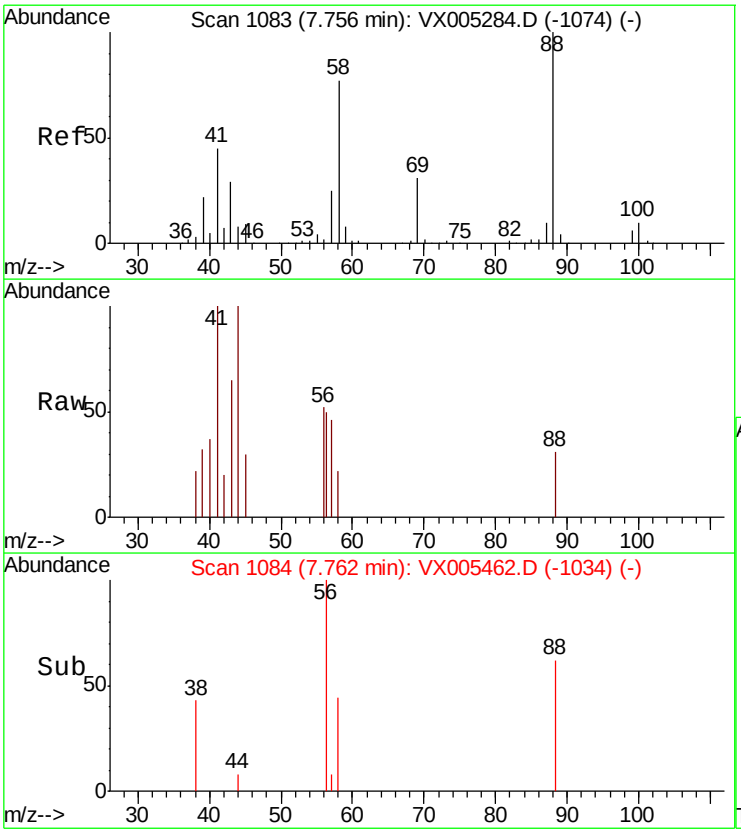
#43
Isopropyl Acetate
Concen: 0.230 ug/l
RT: 6.48 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 43 Resp: 1367

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.0	25.4#
87	0.0	11.4	17.2#

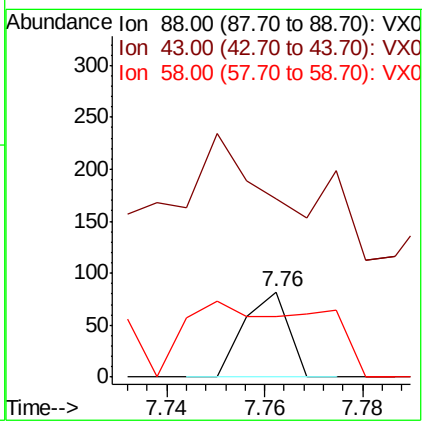


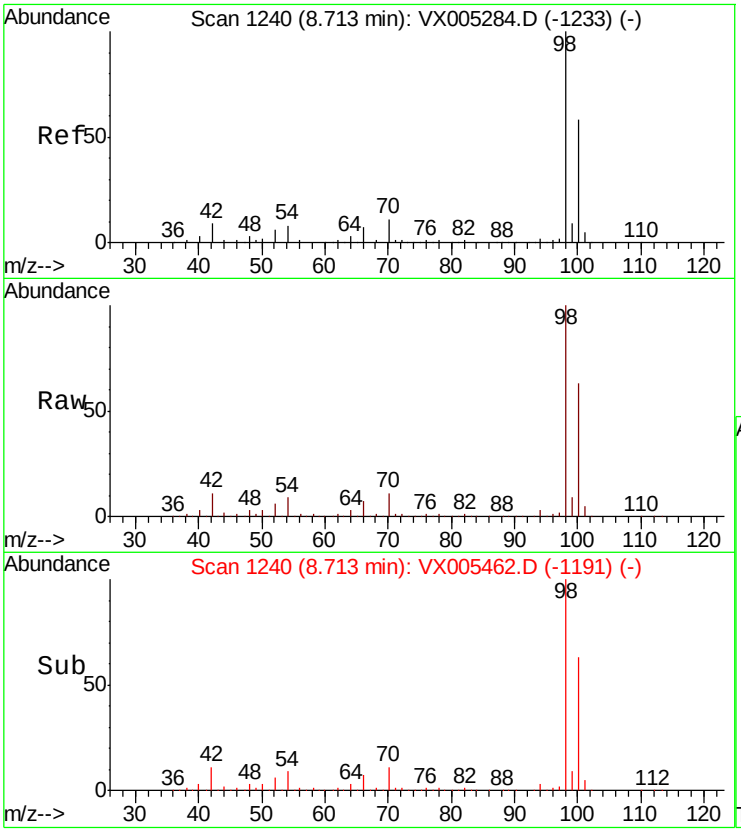


#49
1,4-Dioxane
Concen: 0.718 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	331.4	24.7	37.1#
58	305.9	55.3	82.9#



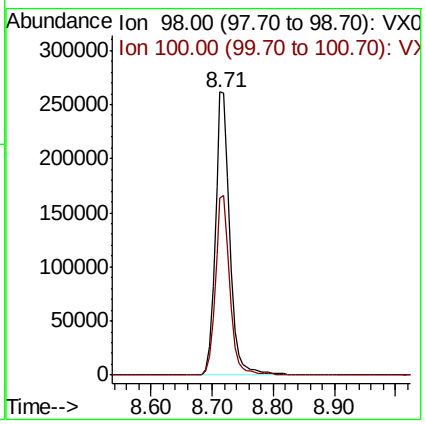


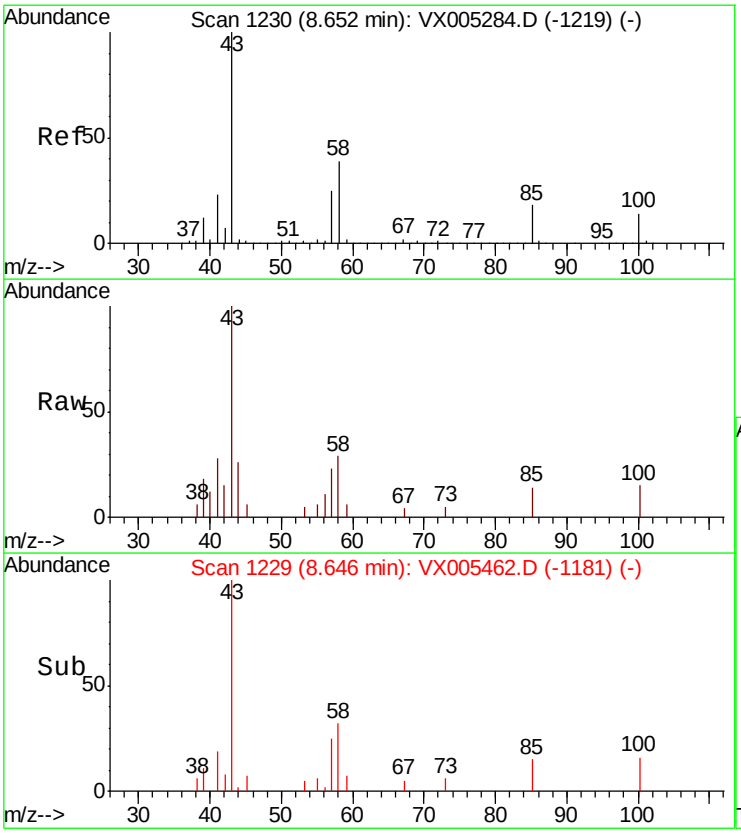
#50
Toluene-d8
Concen: 54.066 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 98 Resp: 439701

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.9	79.3

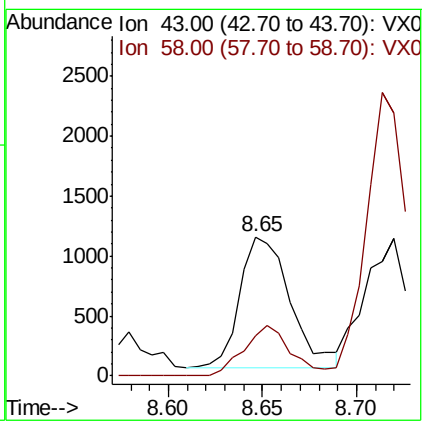


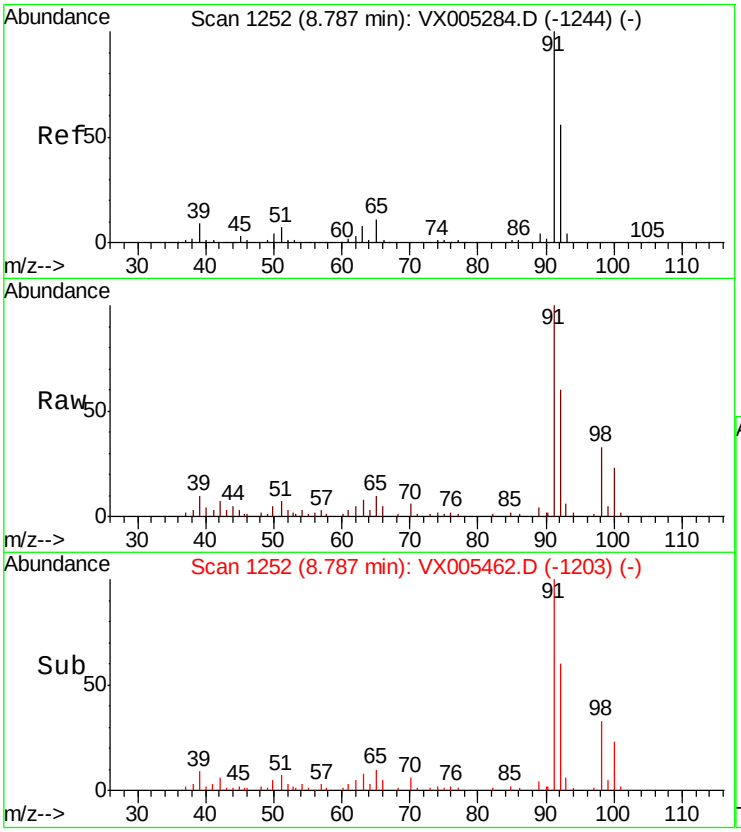


#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 43 Resp: 2025

Ion	Ratio	Lower	Upper
43	100		
58	35.8	33.1	49.7



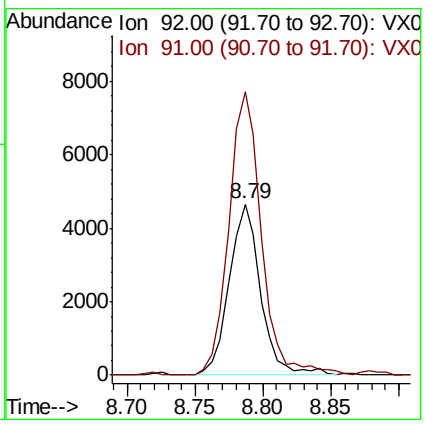


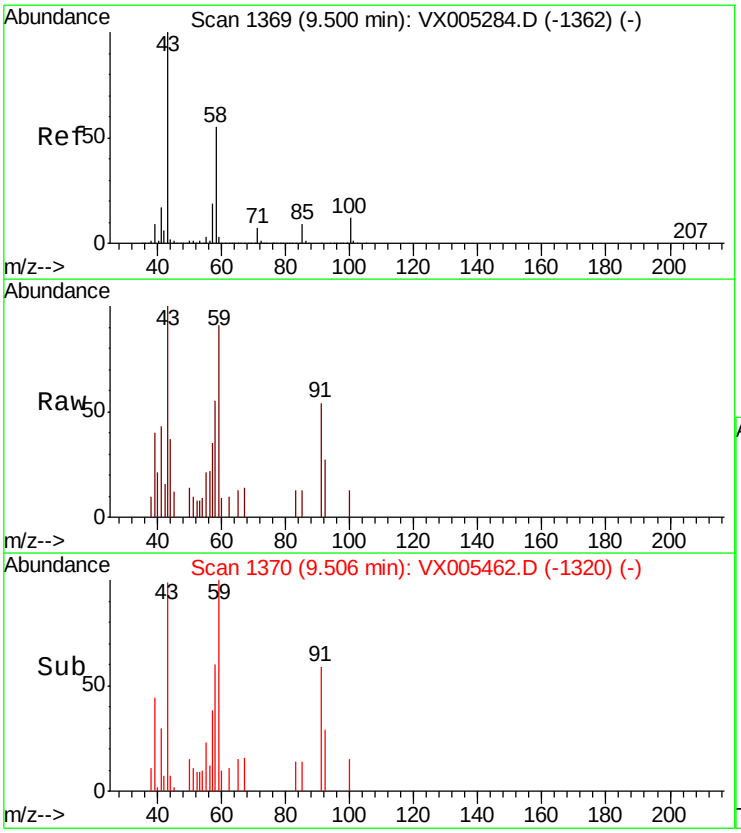
#52
Toluene
Concen: 1.319 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 92 Resp: 7496

Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.4	204.6

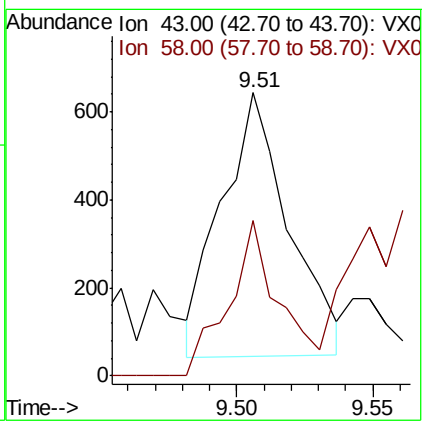


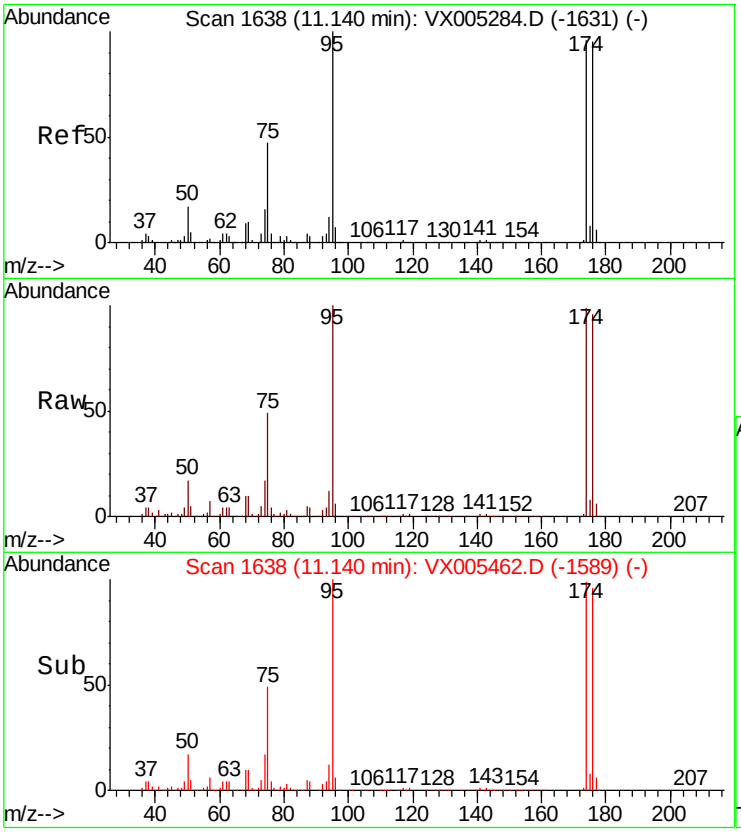


#59
2-Hexanone
Concen: 0.311 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 43 Resp: 1028

Ion	Ratio	Lower	Upper
43	100		
58	44.9	29.0	87.0



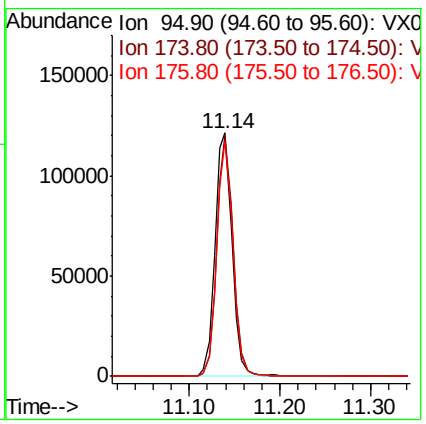


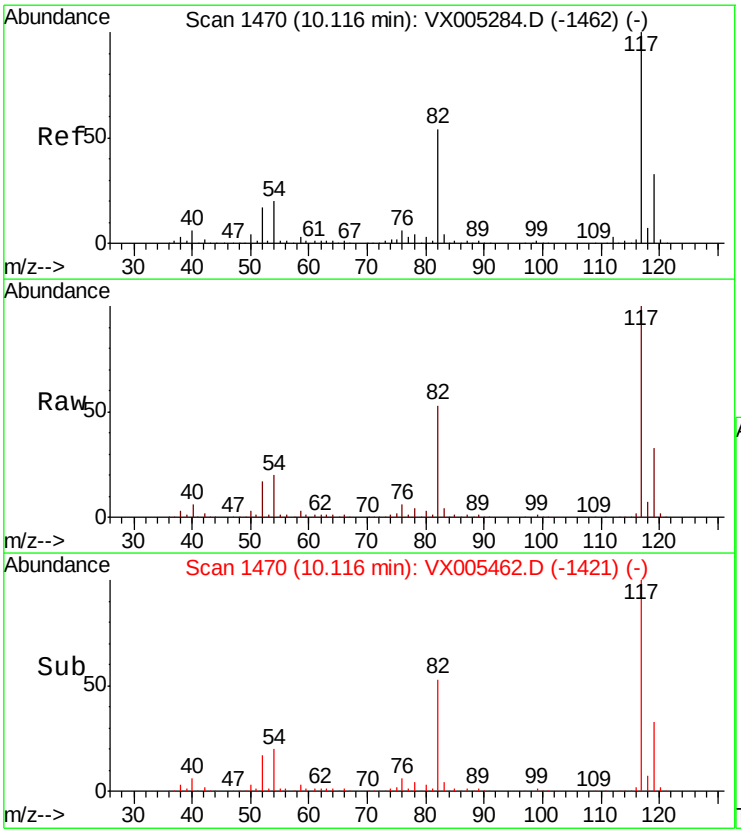
#62
4-Bromofluorobenzene
Concen: 52.113 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 95 Resp: 159214

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	185.2
176	91.9	0.0	178.6

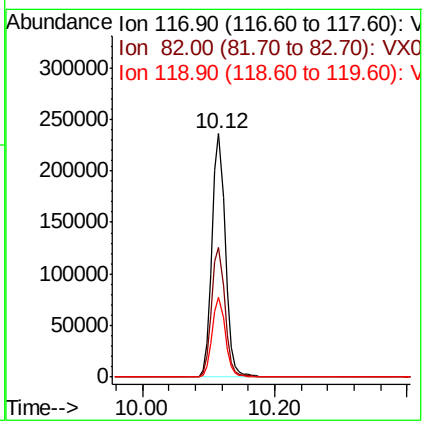


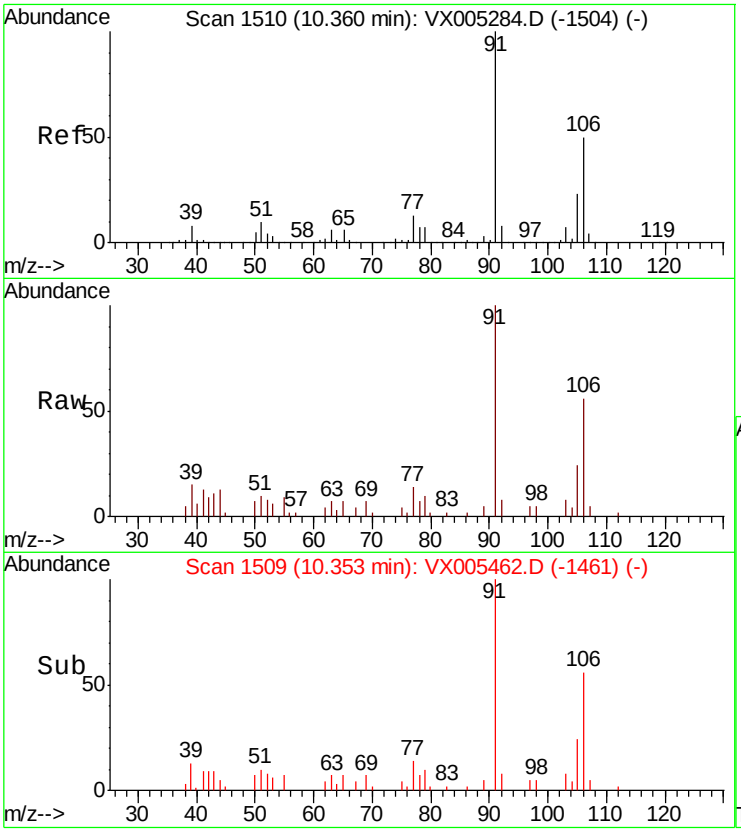


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:117 Resp: 328373

Ion	Ratio	Lower	Upper
117	100		
82	53.4	47.8	71.6
119	32.7	29.3	43.9



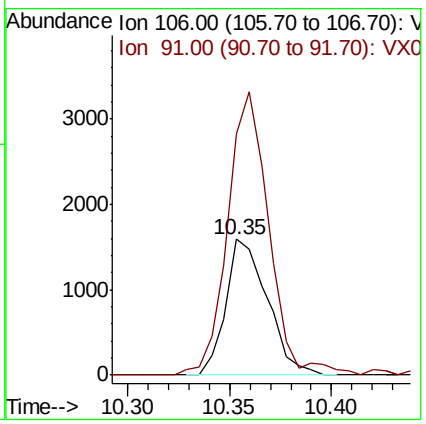


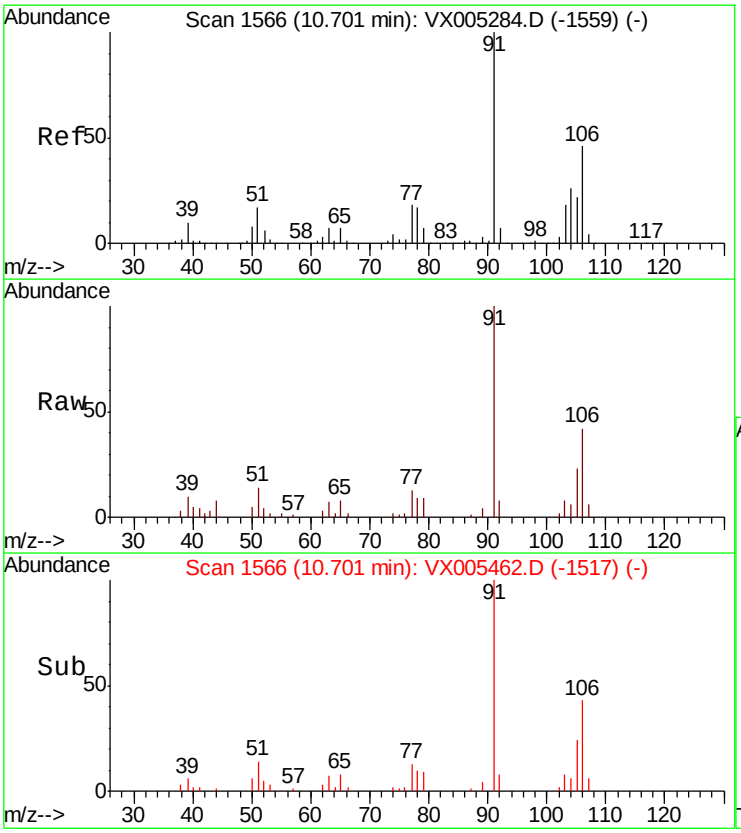
#68
m/p-Xylenes
Concen: 0.509 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion:106 Resp: 2242

Ion	Ratio	Lower	Upper
106	100		
91	207.0	157.1	235.7

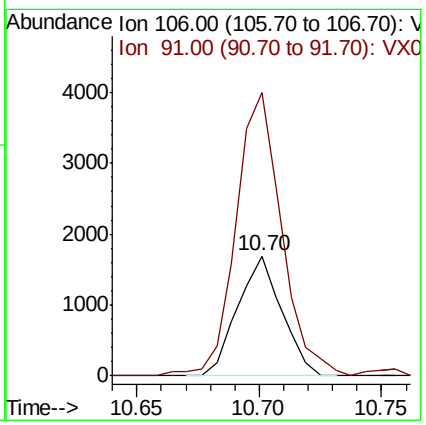


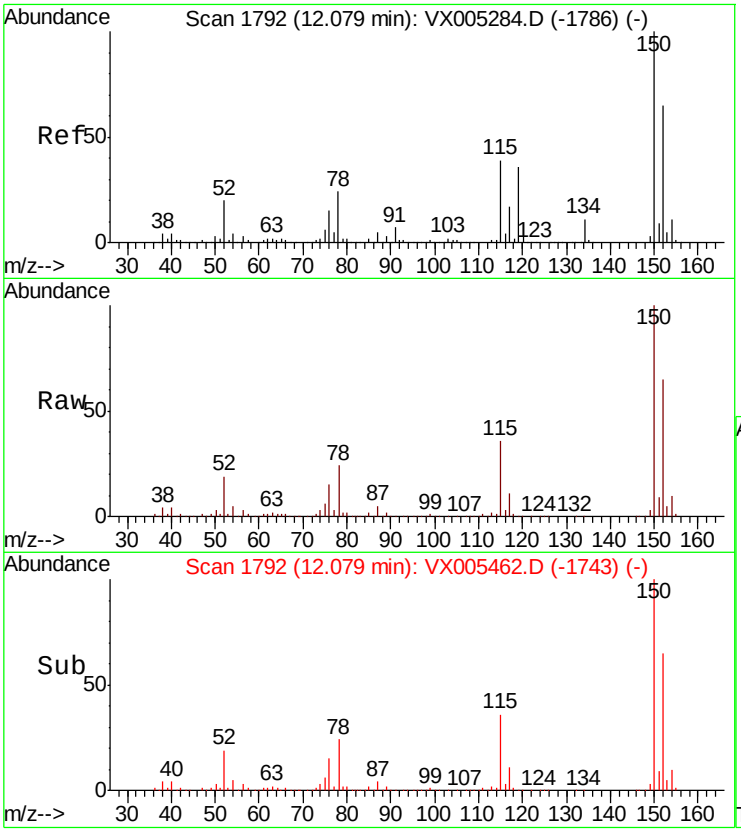


#69
o-Xylene
Concen: 0.501 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:106 Resp: 2130

Ion	Ratio	Lower	Upper
106	100		
91	243.8	105.1	315.1



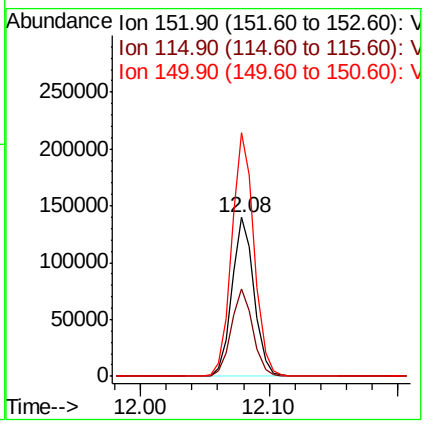


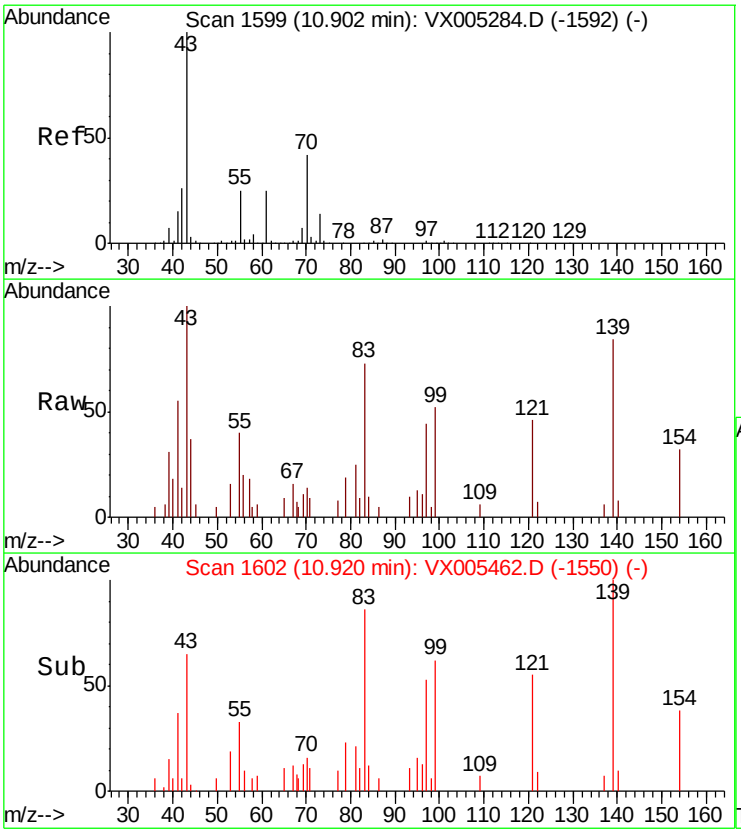
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion:152 Resp: 166560

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	117.0
150	155.2	0.0	351.0

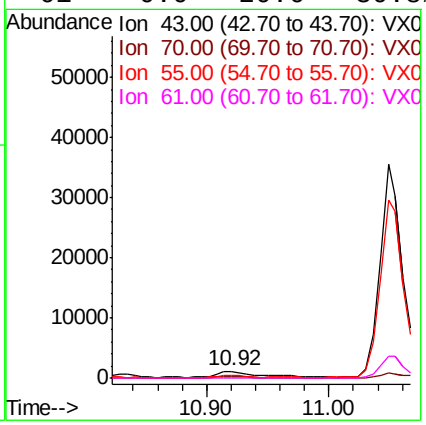


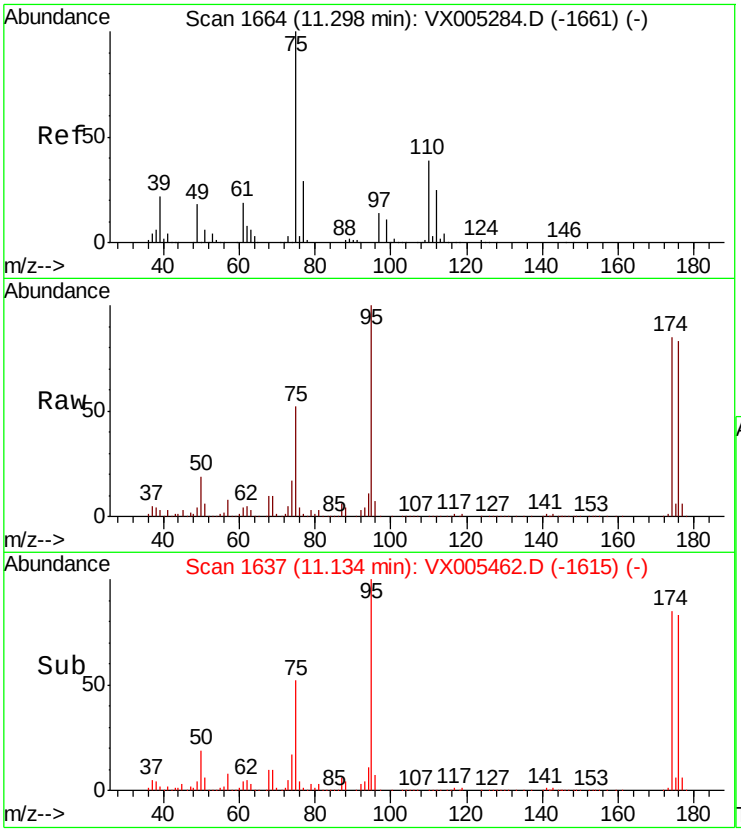


#74
N-amyl acetate
Concen: 0.520 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 43 Resp: 2483

Ion	Ratio	Lower	Upper
43	100		
70	15.5	37.4	56.0#
55	0.0	21.8	32.8#
61	0.0	20.6	30.8#



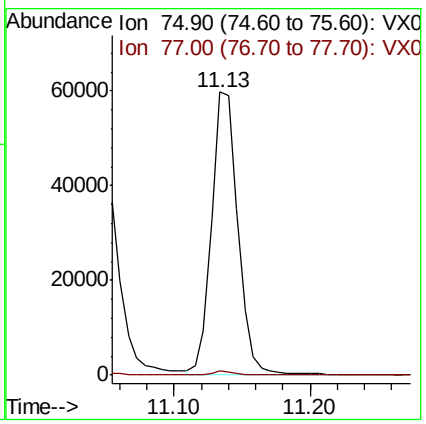


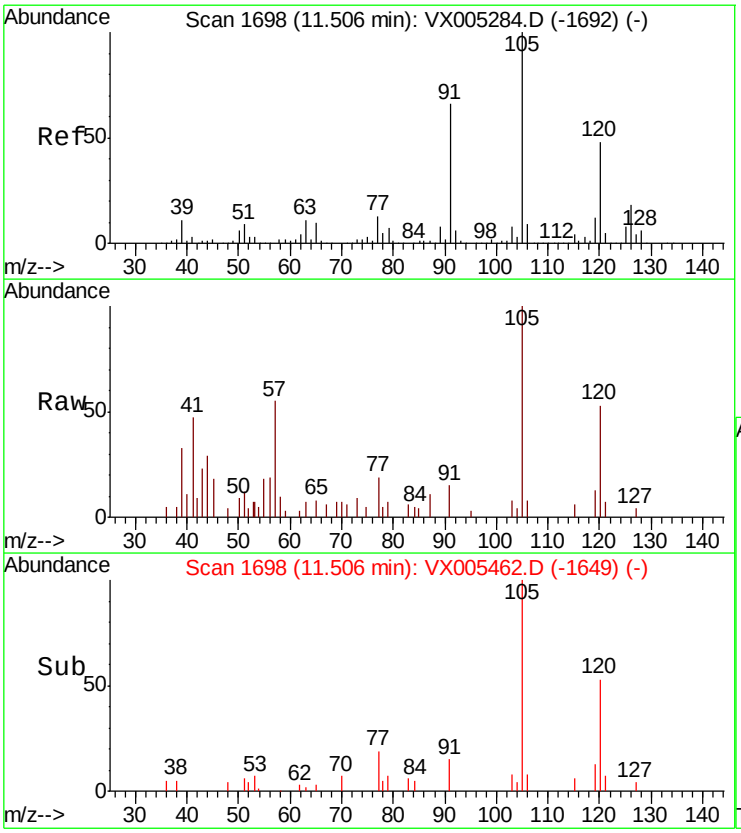
#76
1,2,3-Trichloropropane
Concen: 24.773 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 75 Resp: 80037

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.2	60.6#

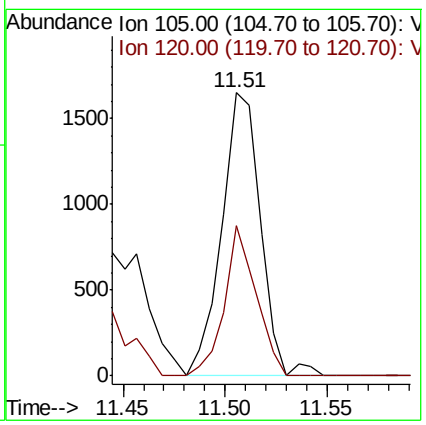


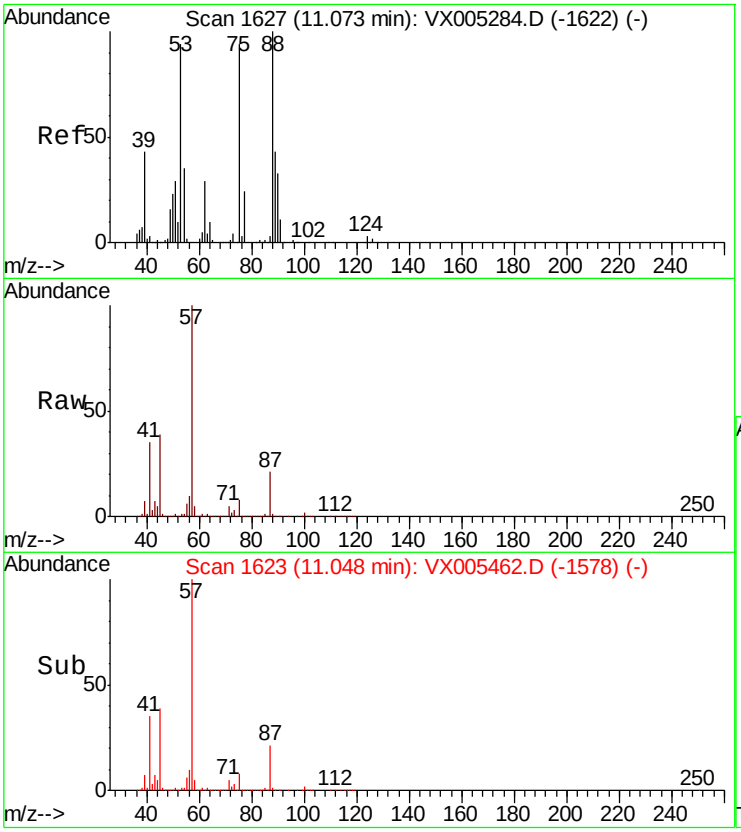


#80
1,3,5-Trimethylbenzene
Concen: 0.256 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:105 Resp: 2170

Ion	Ratio	Lower	Upper
105	100		
120	43.4	25.6	76.8



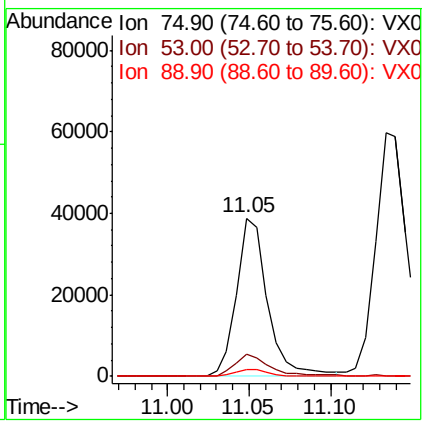


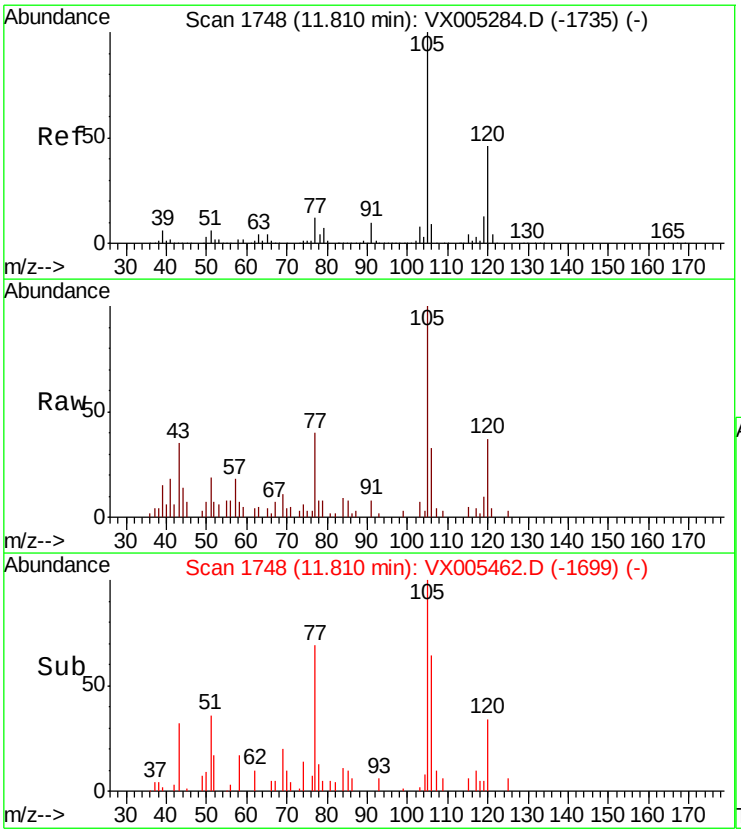
#81
trans-1,4-Dichloro-2-butene
Concen: 48.719 ug/l
RT: 11.05 min Scan# 1623
Delta R.T. -0.02 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion: 75 Resp: 51803

Ion	Ratio	Lower	Upper
75	100		
53	16.3	80.1	120.1#
89	4.6	37.2	55.8#

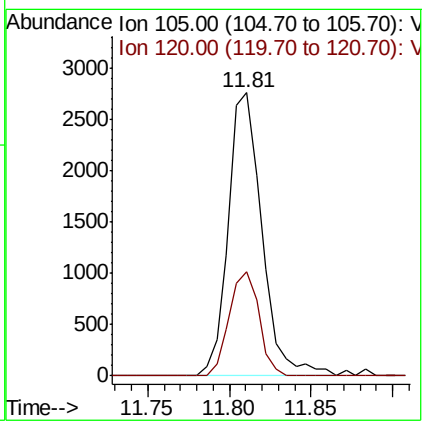


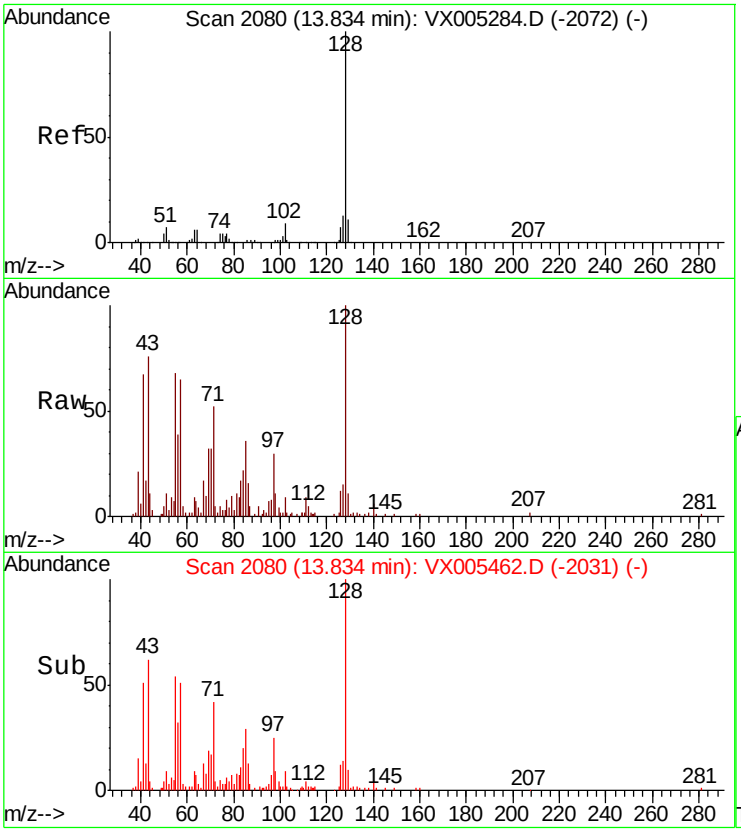


#84
1,2,4-Trimethylbenzene
Concen: 0.454 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:105 Resp: 3961

Ion	Ratio	Lower	Upper
105	100		
120	32.5	23.2	69.6





#95
Naphthalene
Concen: 0.708 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tgt Ion:128 Resp: 8132

Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.2	15.2#
129	14.3	8.6	12.8#