Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010729.D
Acq On : 09 Jul 2019 05:03
Operator : JC/SP
Sample : K3691-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0535-190704

Quant Time: Jul 09 07:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113388	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
35) Dibromofluoromethane	5.50	113	106560	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.36%			
50) Toluene-d8	8.71	98	420666	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%			
62) 4-Bromofluorobenzene	11.13	95	145417	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	473	0.257	ug/l #	54
4) Vinyl Chloride	1.41	62	9398	4.657	ug/l	94
5) Bromomethane	1.65	94	451	0.459	ug/l #	76
6) Chloroethane	1.54	64	4443	3.732	ug/l #	45
11) Tert butyl alcohol	3.02	59	10776	19.299	ug/l #	89
16) Acetone	2.44	43	1496	1.399	ug/l #	83
17) Carbon Disulfide	2.57	76	1298	0.245	ug/l #	80
18) Methyl Acetate	2.78	43	560	0.263	ug/l	91
24) 1,1-Dichloroethane	3.70	63	2355	0.696	ug/l #	81
25) 2-Butanone	4.68	43	979	0.624	ug/l	97
26) 2,2-Dichloropropane	4.70	77	898	0.305	ug/l #	49
27) cis-1,2-Dichloroethene	4.61	96	725	0.296	ug/l	62
31) Cyclohexane	5.66	56	4265	1.384	ug/l #	16
36) 1,1-Dichloropropene	5.66	75	14462	5.139	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20290	6.659	ug/l #	14
40) Benzene	6.14	78	2640	0.301	ug/l #	78
41) Methacrylonitrile	5.06	41	396	0.249	ug/l #	25
49) 1,4-Dioxane	7.74	88	46	0.717	ug/l #	1
65) Chlorobenzene	10.14	112	37083	5.678	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	70076	24.870	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70076	58.019	ug/l #	16
90) Hexachloroethane	12.71	117	642	0.394	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	1542	0.304	ug/l	87

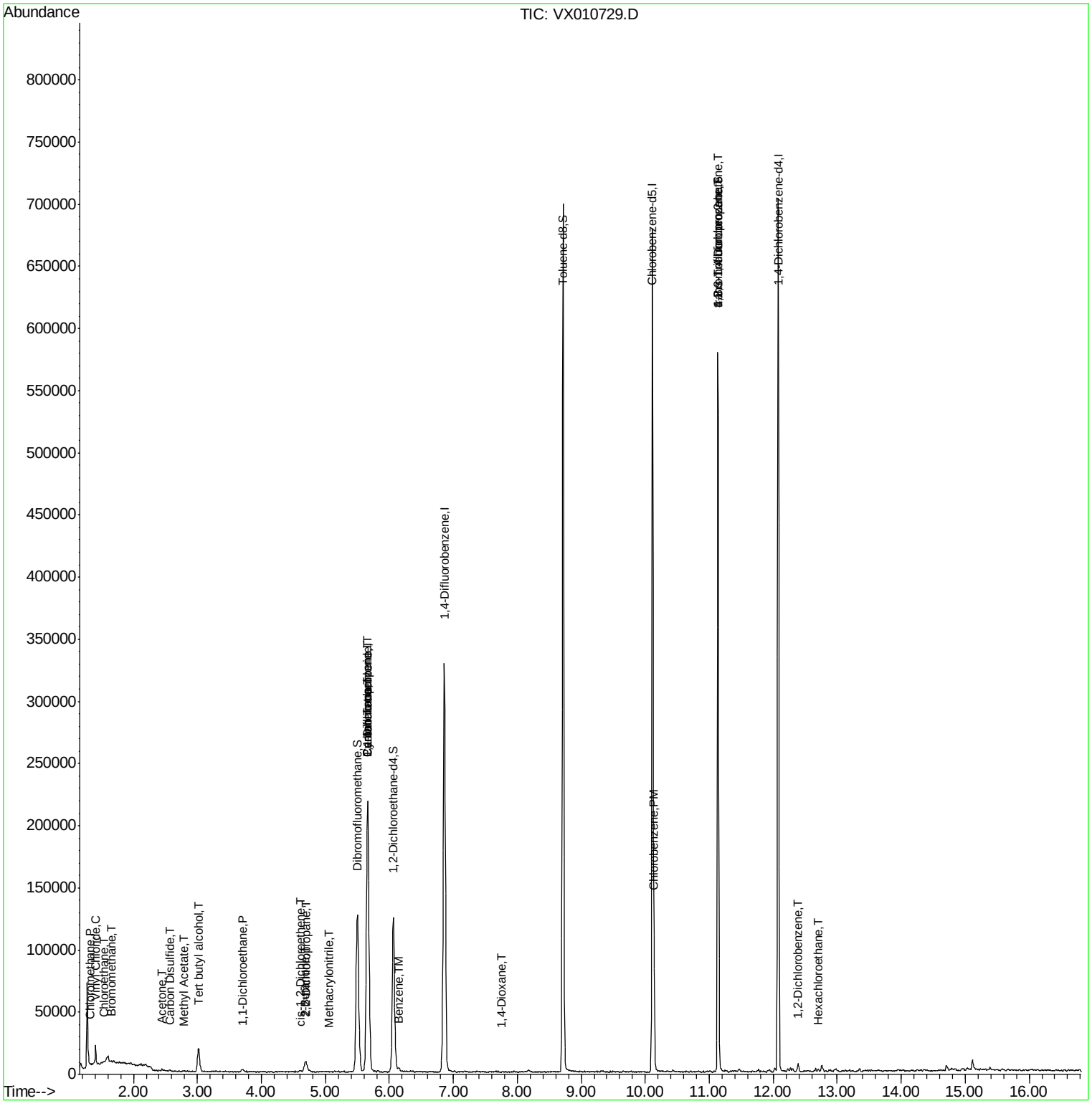
(#) = qualifier out of range (m) = manual integration (+) = signals summed

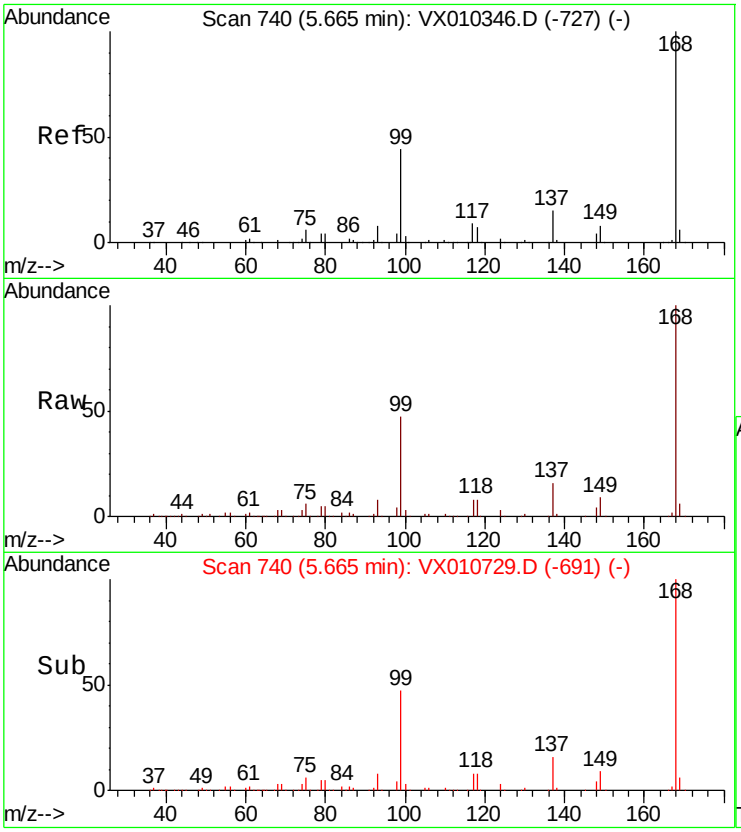
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010729.D
Acq On : 09 Jul 2019 05:03
Operator : JC/SP
Sample : K3691-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Quant Time: Jul 09 07:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



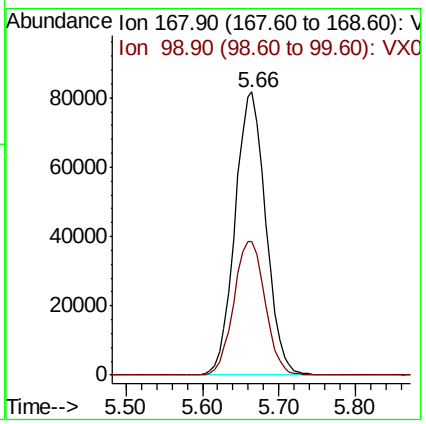


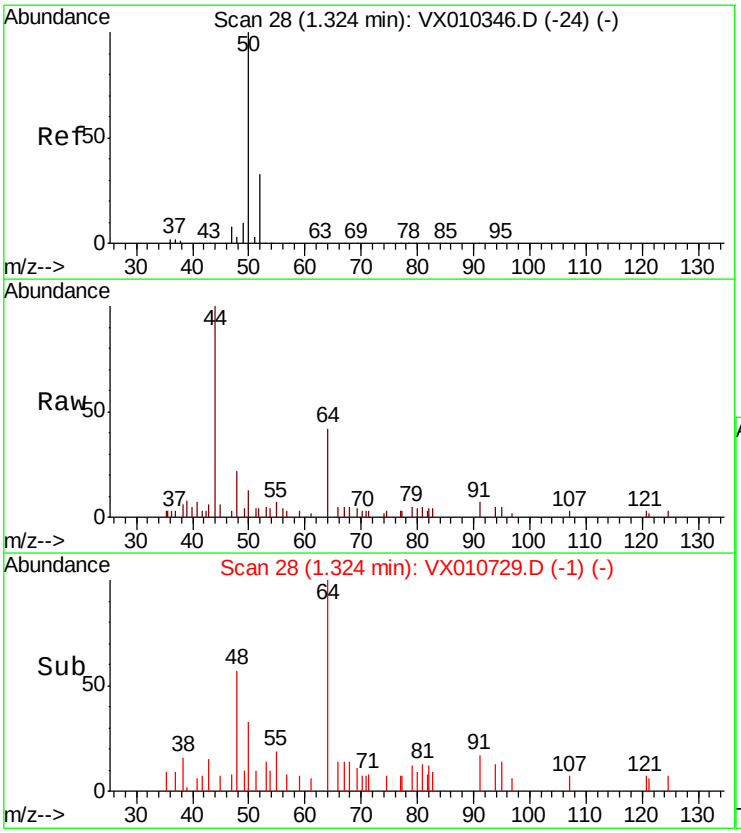
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:168 Resp: 227588

Ion	Ratio	Lower	Upper
168	100		
99	47.2	35.5	53.3

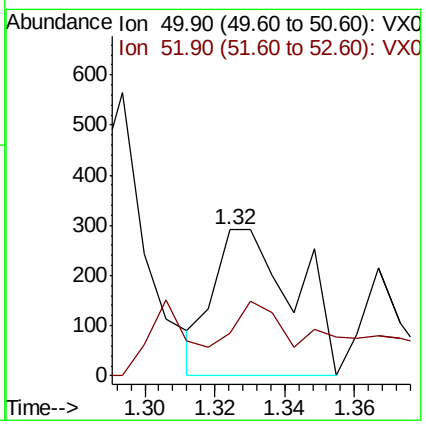


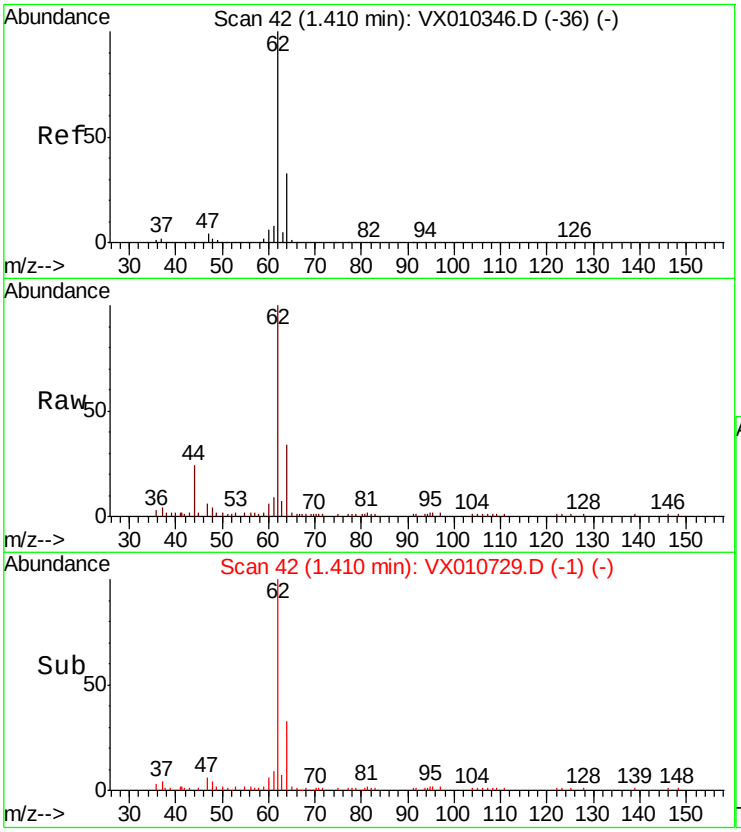


#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 50 Resp: 473

Ion	Ratio	Lower	Upper
50	100		
52	6.8	26.5	39.7#



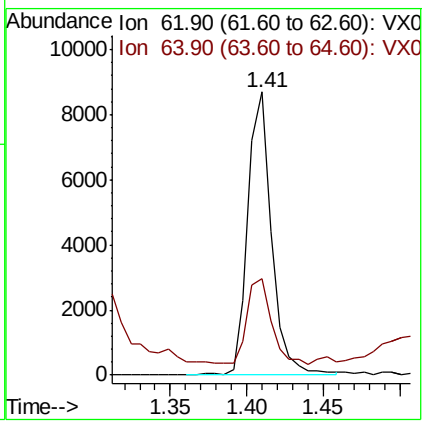


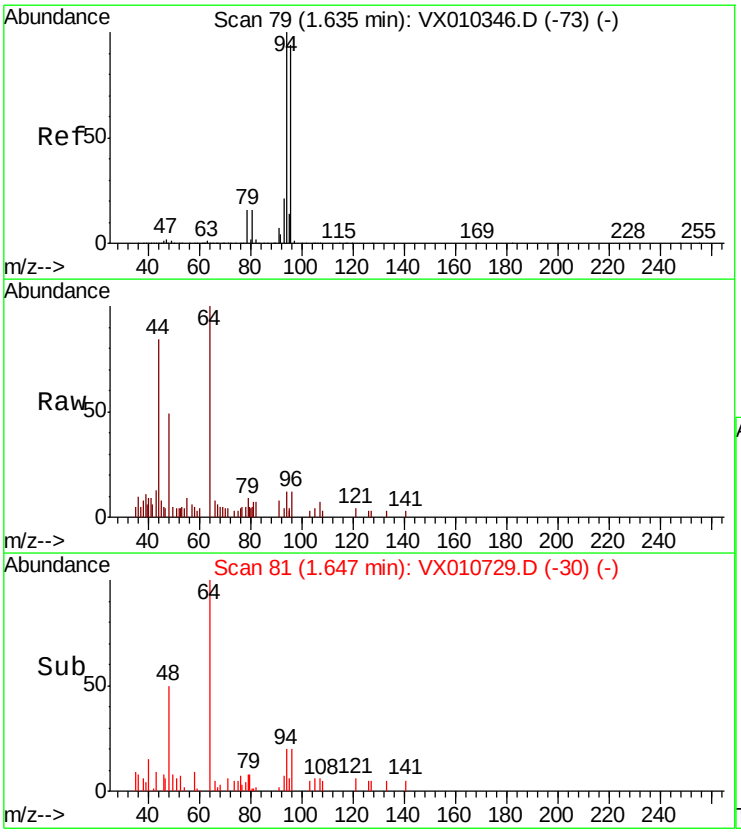
#4
Vinyl Chloride
Concen: 4.657 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 62 Resp: 9398

Ion	Ratio	Lower	Upper
62	100		
64	29.4	26.2	39.4

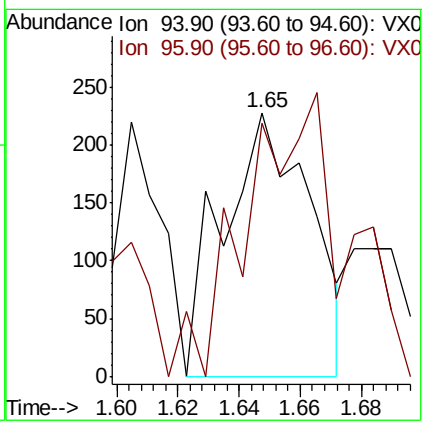


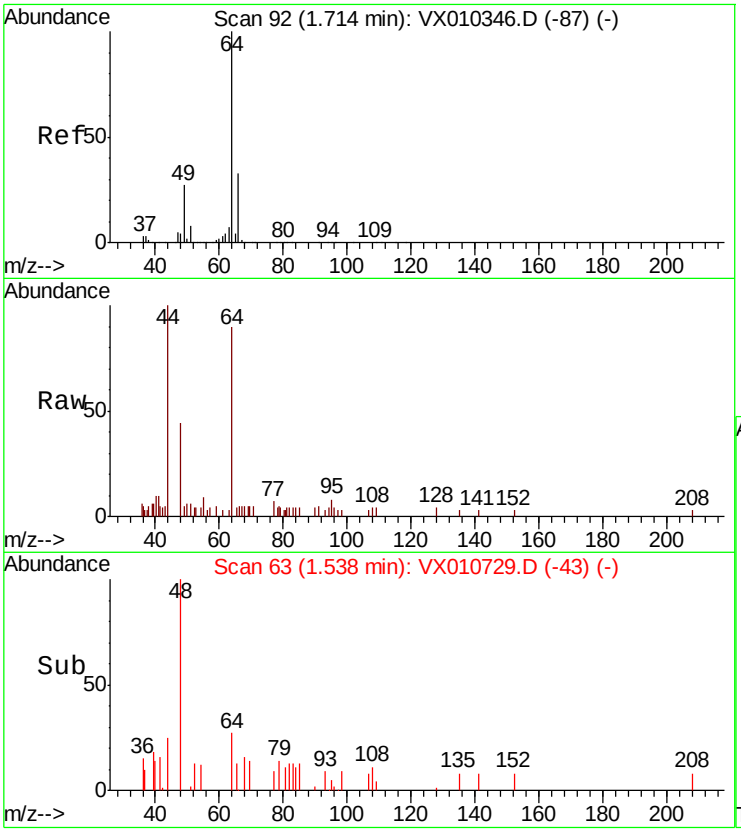


#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 94 Resp: 451

Ion	Ratio	Lower	Upper
94	100		
96	71.5	75.5	113.3#



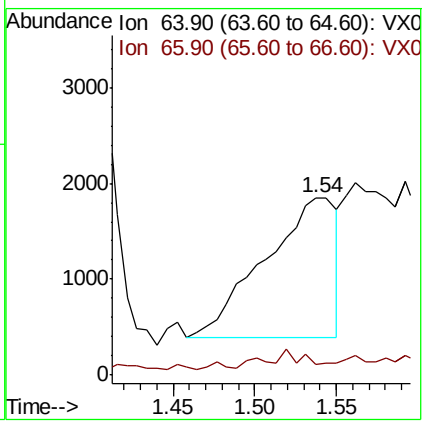


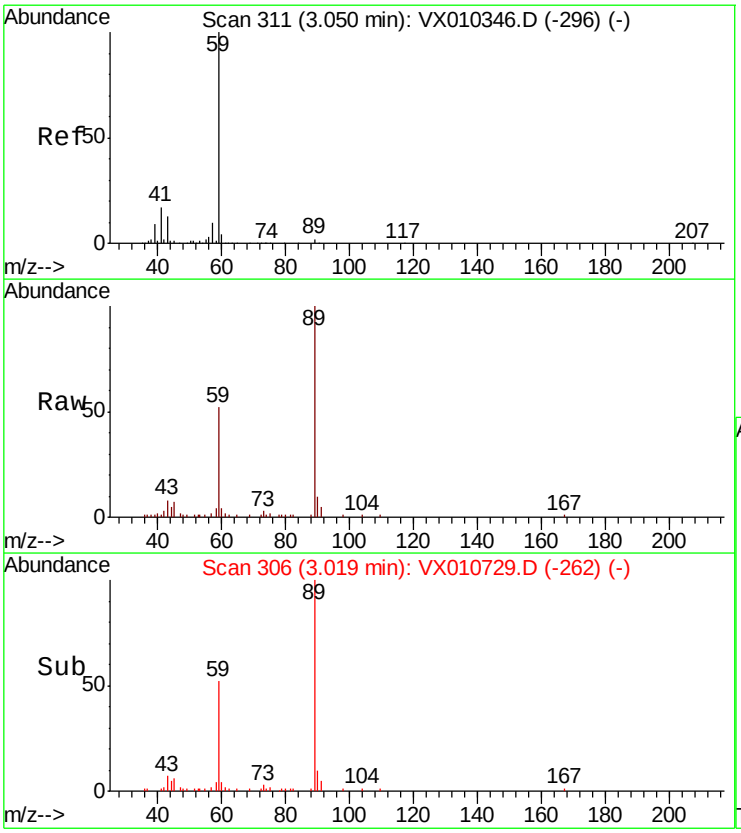
#6
Chloroethane
Concen: 3.732 ug/l
RT: 1.54 min Scan# 63
Delta R.T. -0.18 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 64 Resp: 4443

Ion	Ratio	Lower	Upper
64	100		
66	2.0	26.6	40.0#

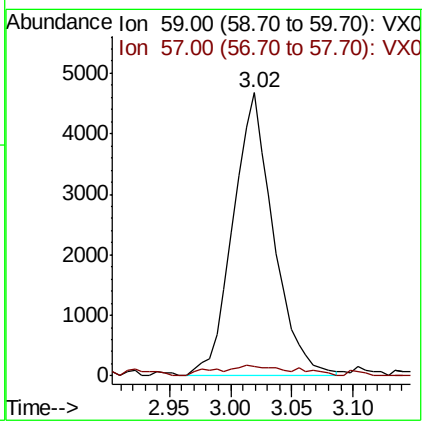


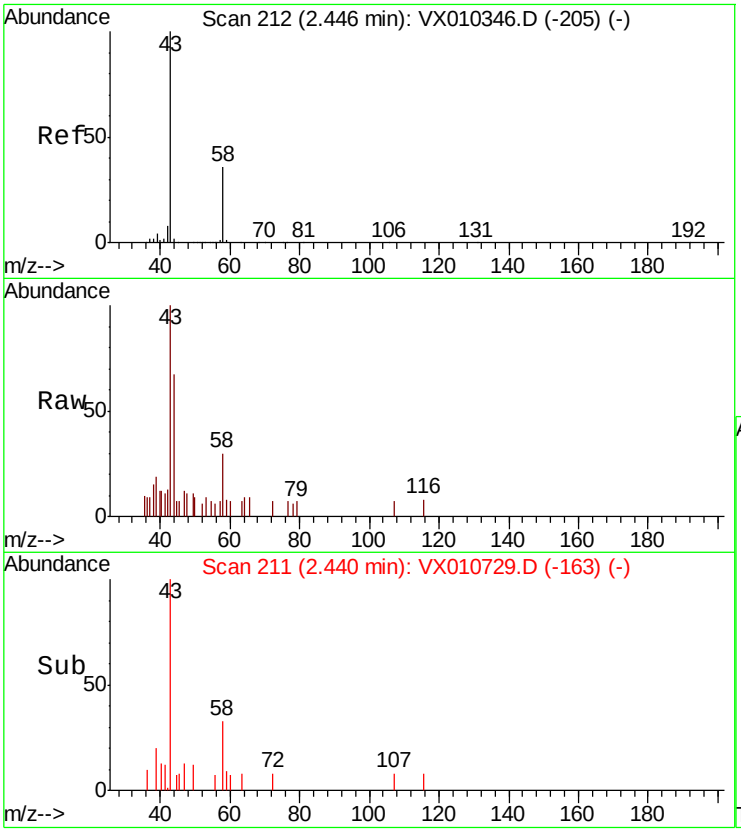


#11
Tert butyl alcohol
Concen: 19.299 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 59 Resp: 10776

Ion	Ratio	Lower	Upper
59	100		
57	5.5	7.7	11.5#



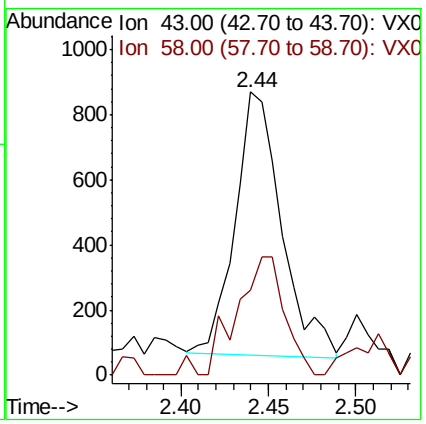


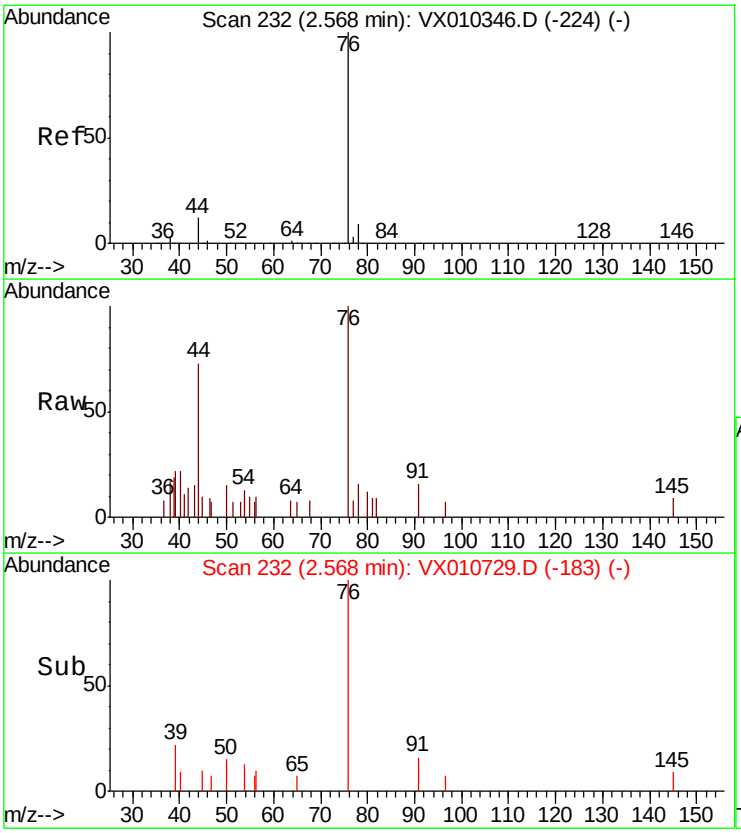
#16
Acetone
Concen: 1.399 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 43 Resp: 1496

Ion	Ratio	Lower	Upper
43	100		
58	25.9	28.9	43.3#

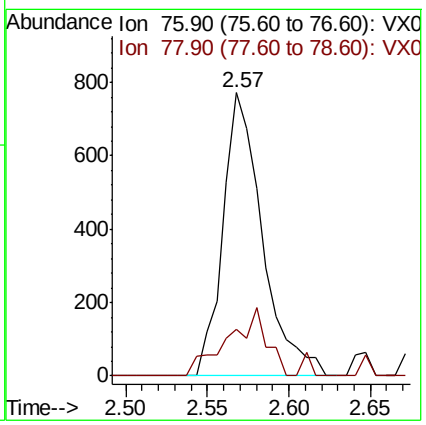


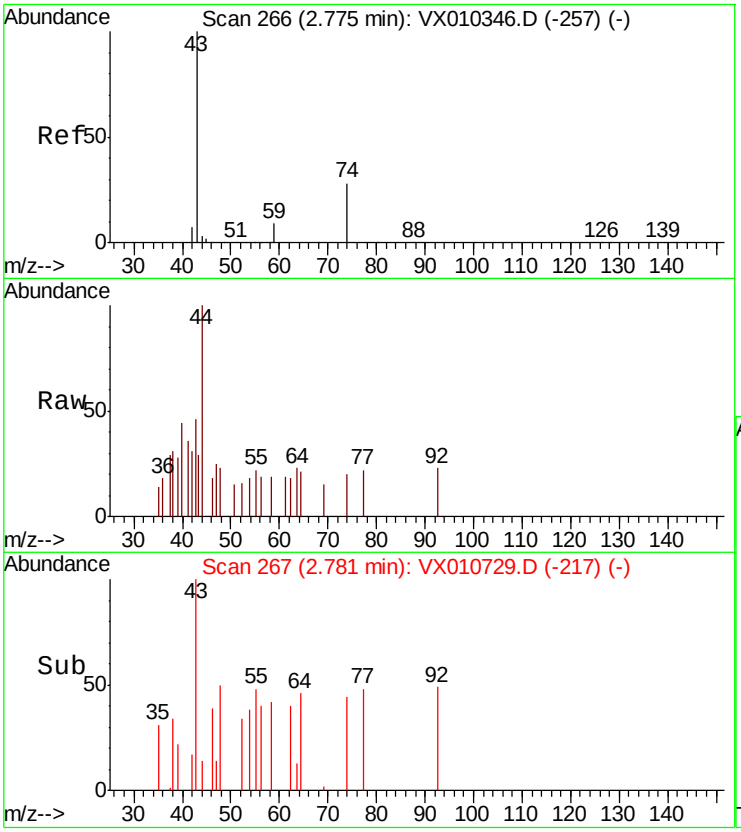


#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 76 Resp: 1298

Ion	Ratio	Lower	Upper
76	100		
78	16.5	7.3	10.9#



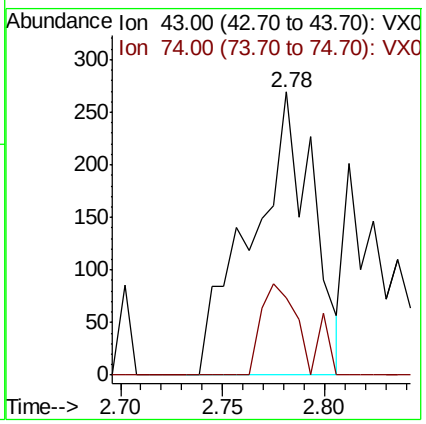


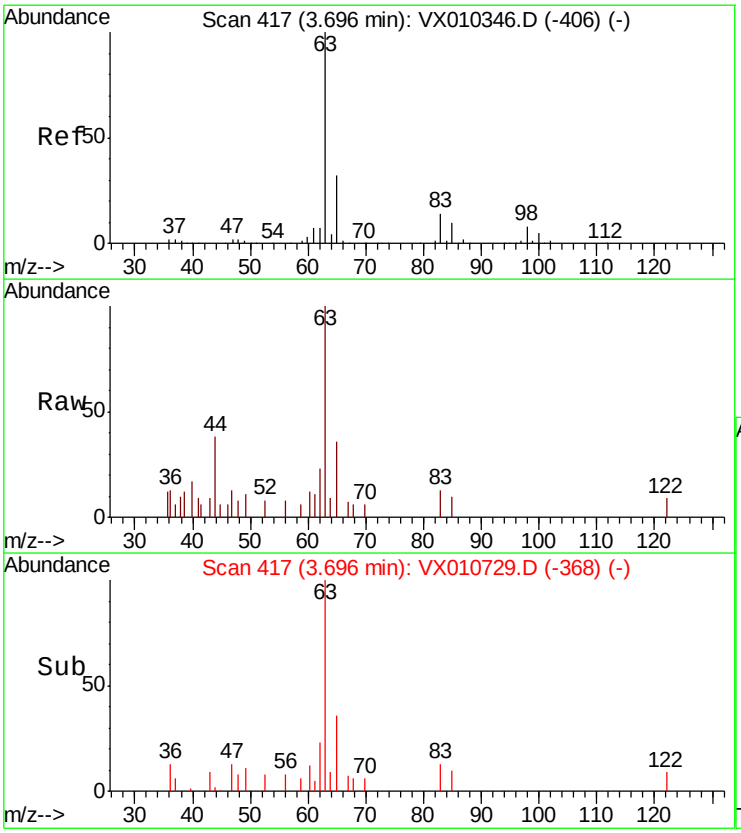
#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : DUP-0535-190704

Tgt Ion: 43 Resp: 560

Ion	Ratio	Lower	Upper
43	100		
74	22.0	21.3	31.9

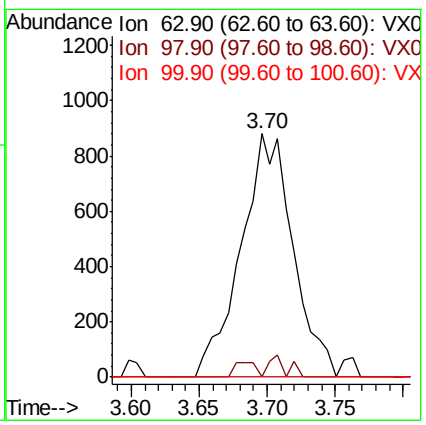


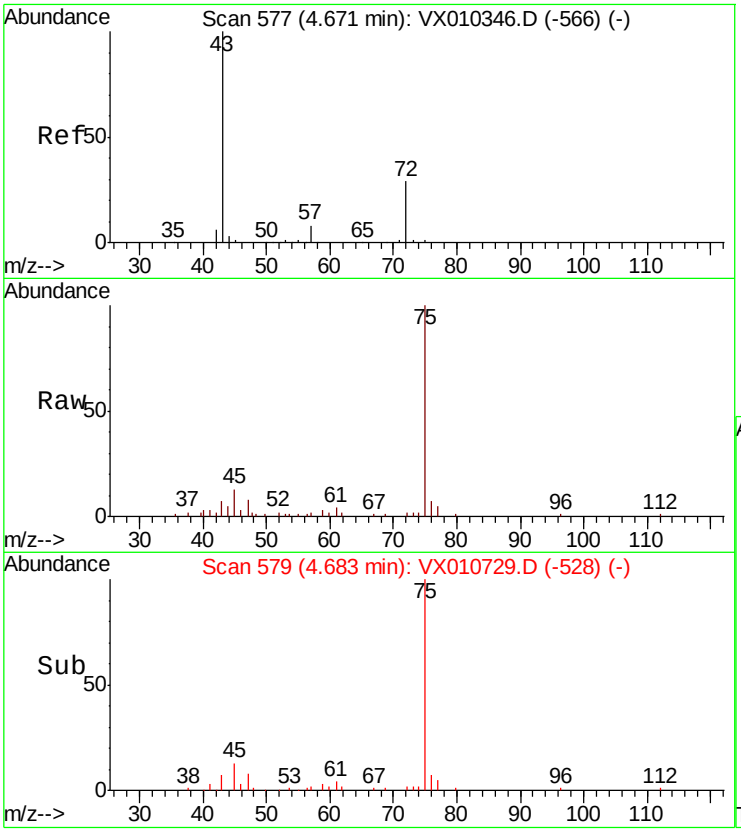


#24
1,1-Dichloroethane
Concen: 0.696 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 63 Resp: 2355

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.4	7.1#



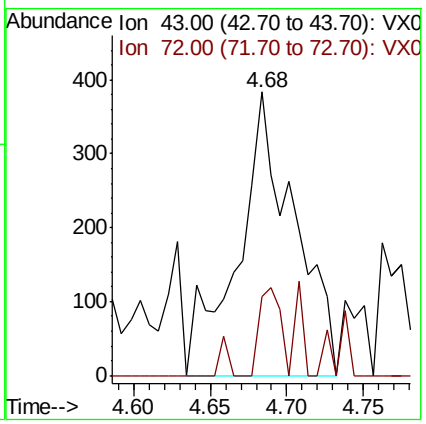


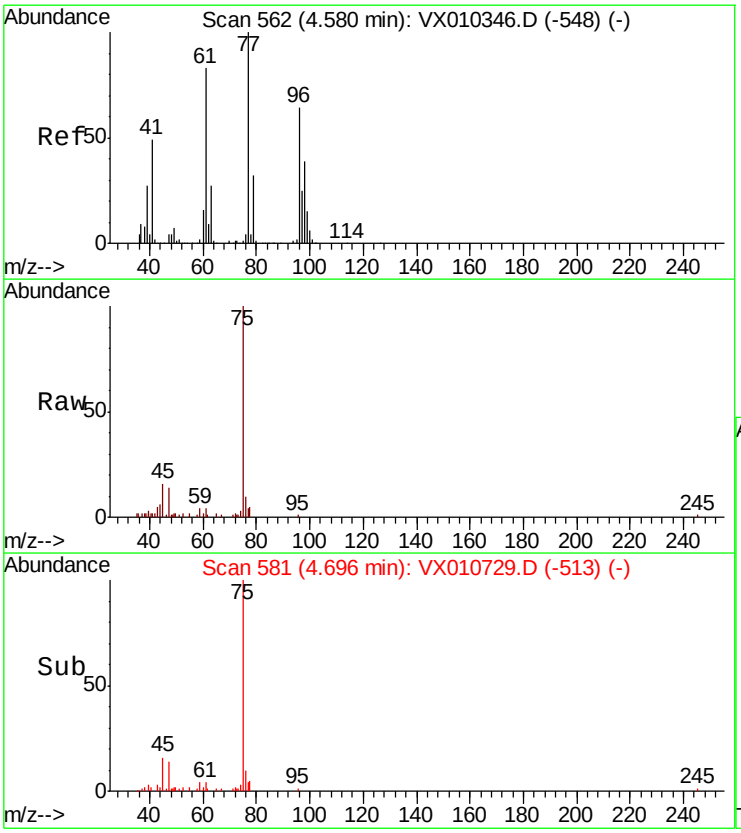
#25
2-Butanone
Concen: 0.624 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 43 Resp: 979

Ion	Ratio	Lower	Upper
43	100		
72	27.7	23.3	34.9

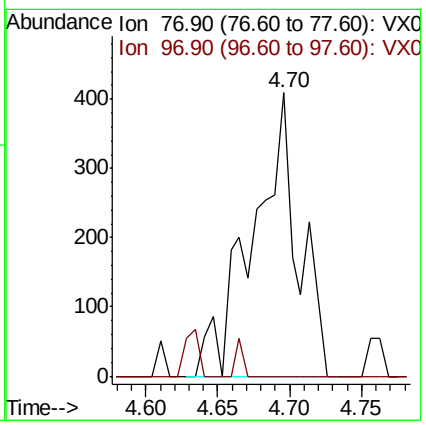


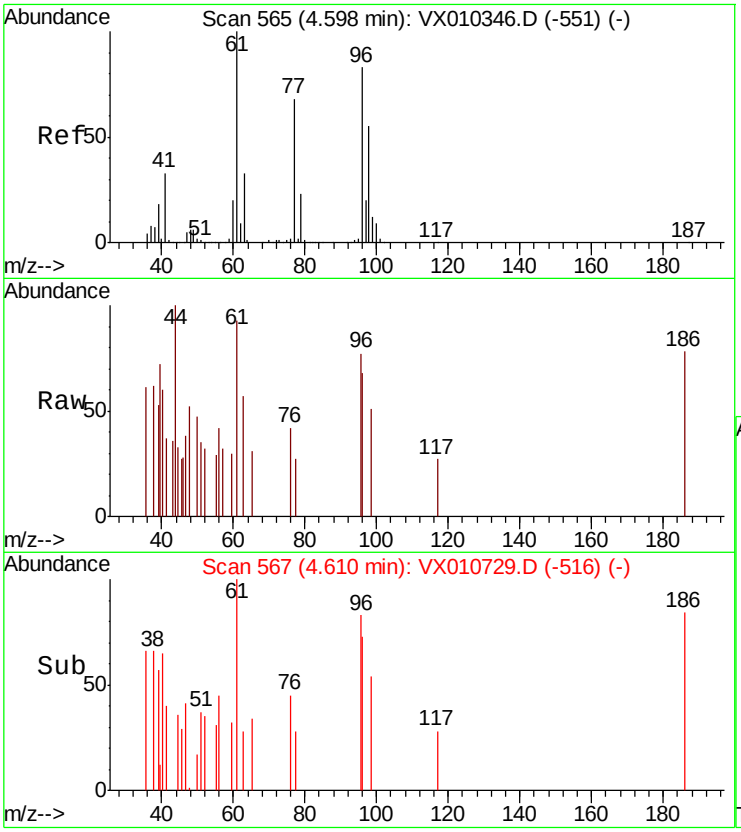


#26
2,2-Dichloropropane
Concen: 0.305 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.12 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 77 Resp: 898

Ion	Ratio	Lower	Upper
77	100		
97	0.0	13.1	39.3#



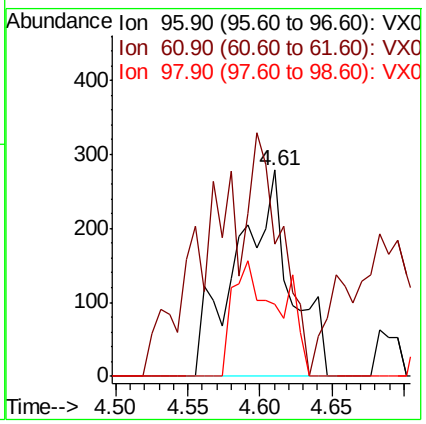


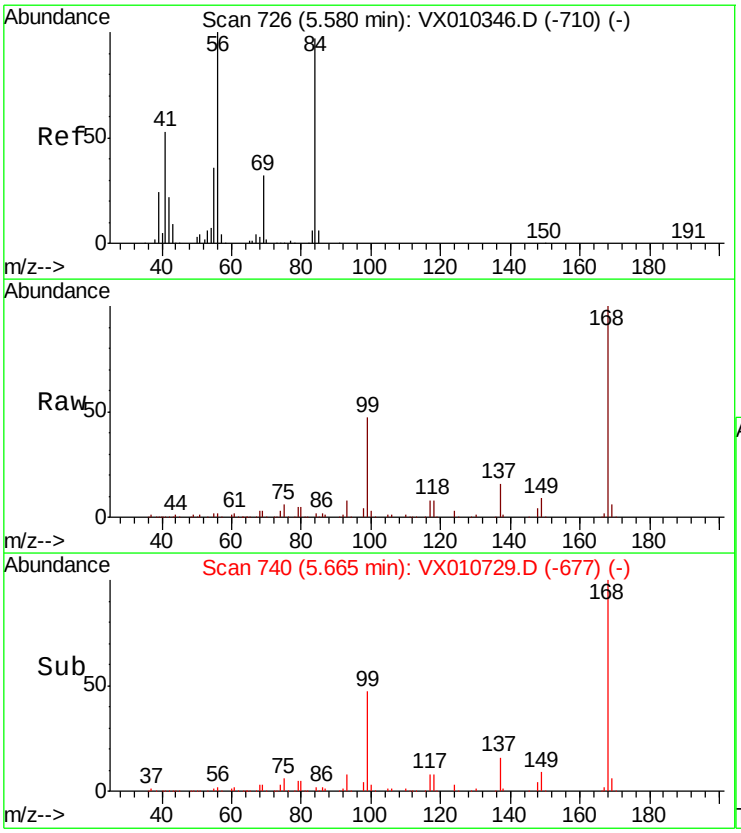
#27
cis-1,2-Dichloroethene
Concen: 0.296 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 96 Resp: 725

Ion	Ratio	Lower	Upper
96	100		
61	72.0	0.0	251.8
98	49.4	0.0	129.4

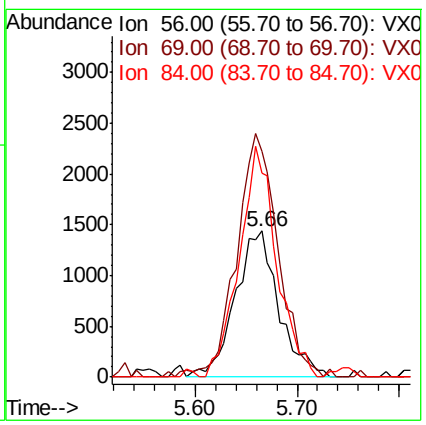


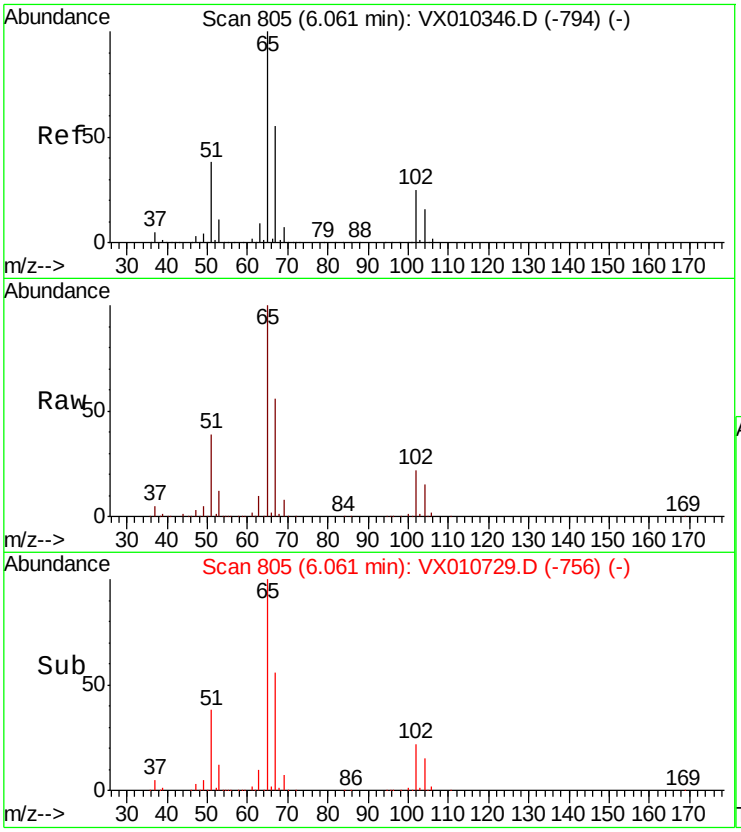


#31
Cyclohexane
Concen: 1.384 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 56 Resp: 4265

Ion	Ratio	Lower	Upper
56	100		
69	154.5	25.9	38.9#
84	135.8	78.0	117.0#



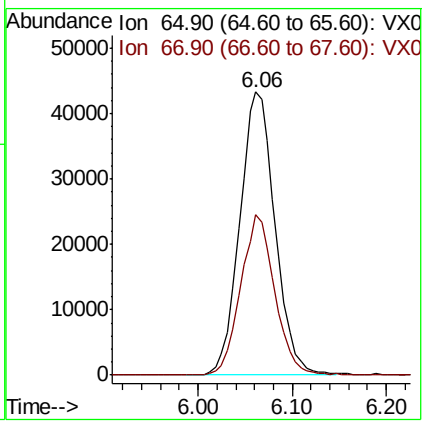


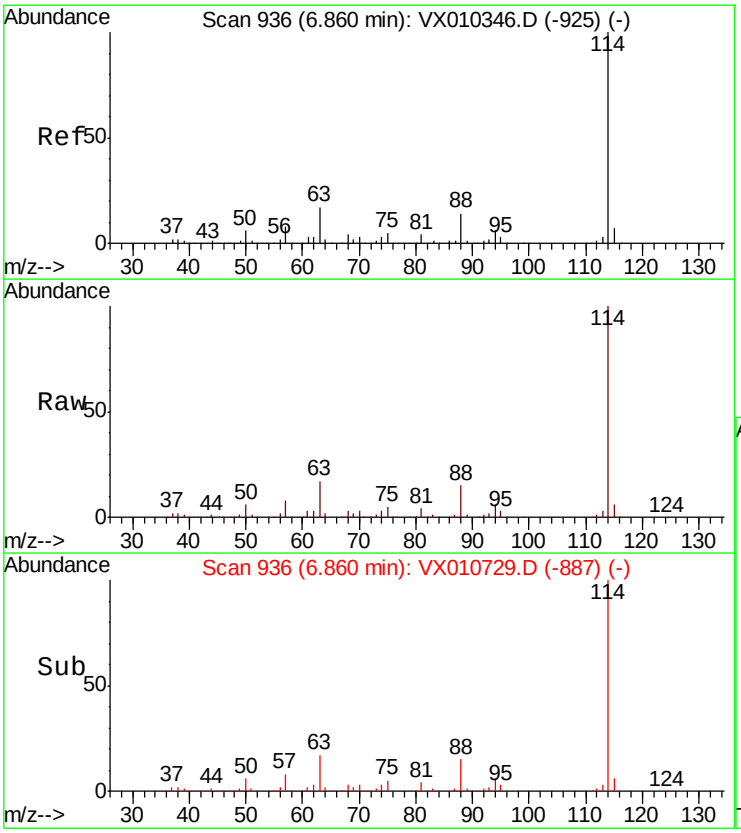
#33
1,2-Dichloroethane-d4
Concen: 53.137 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 65 Resp: 113388

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.2

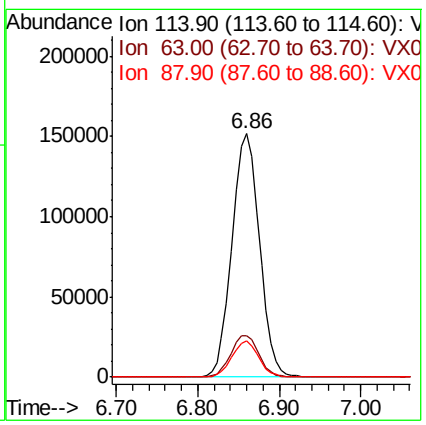


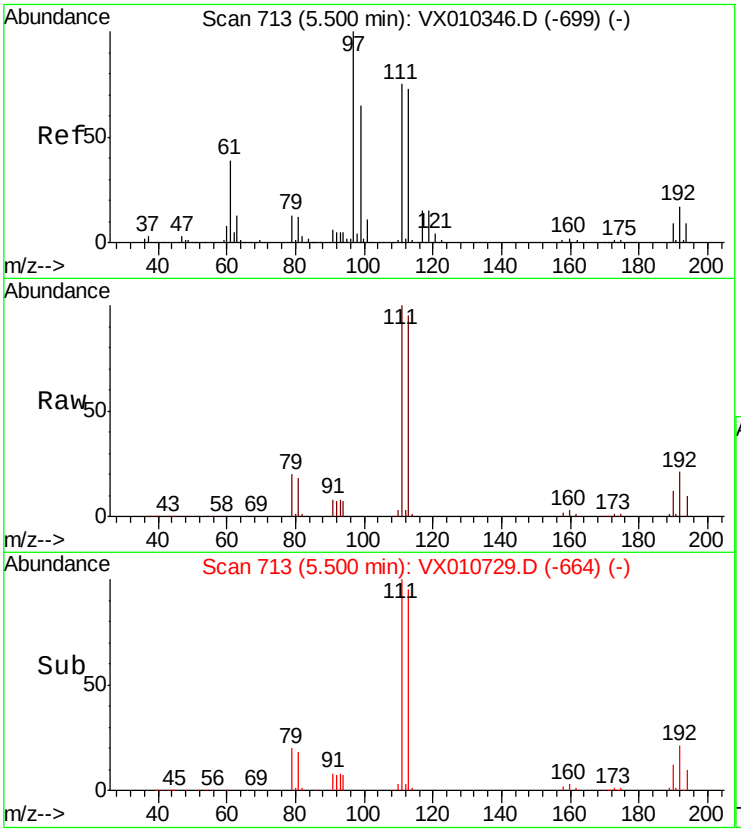


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion:114 Resp: 354112

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	33.8
88	14.7	0.0	27.6



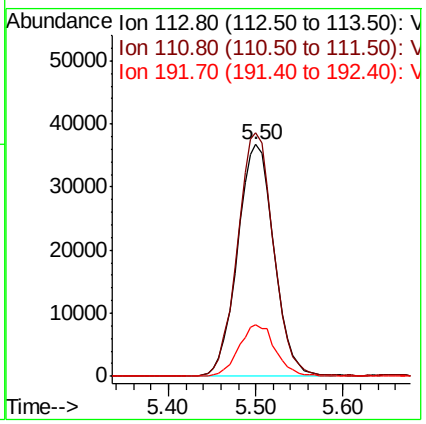


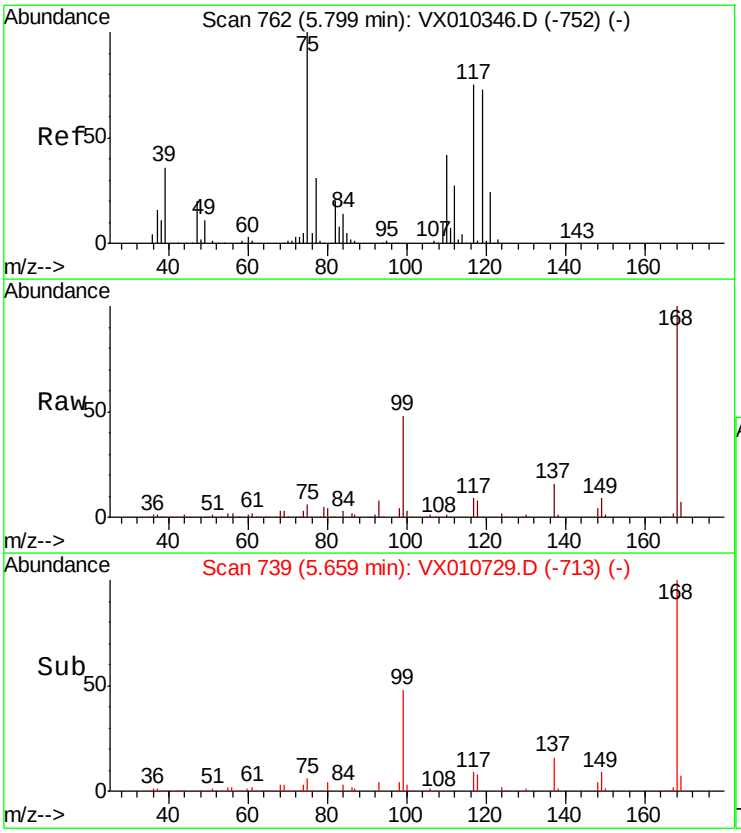
#35
Dibromofluoromethane
Concen: 49.183 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:113 Resp: 106560

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.2	121.8
192	22.4	18.6	27.8

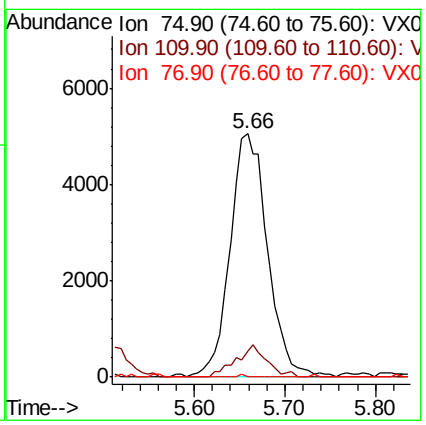


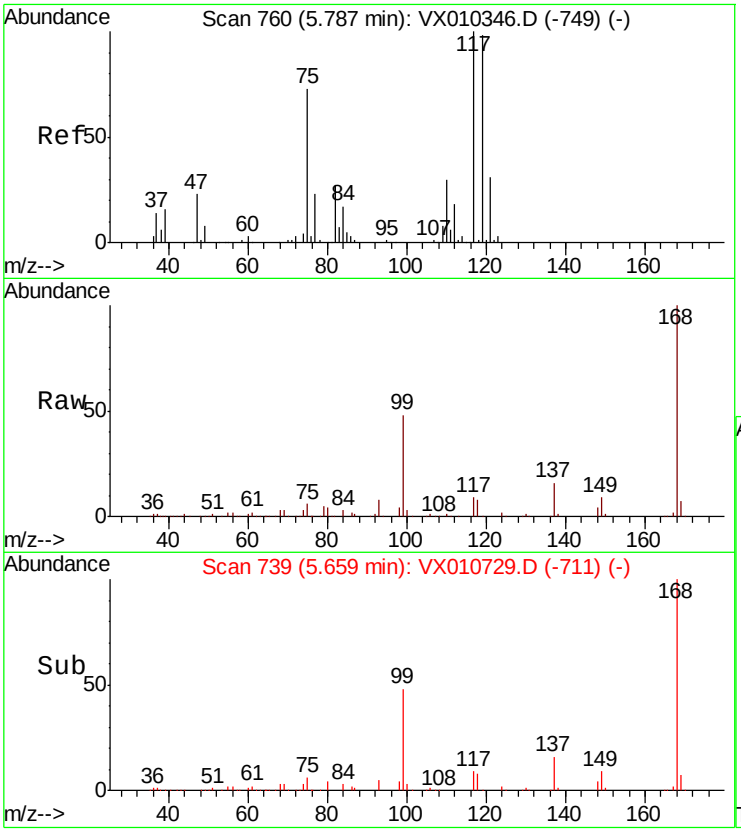


#36
1,1-Dichloropropene
Concen: 5.139 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 75 Resp: 14462

Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.8	62.2#
77	0.1	25.4	38.0#



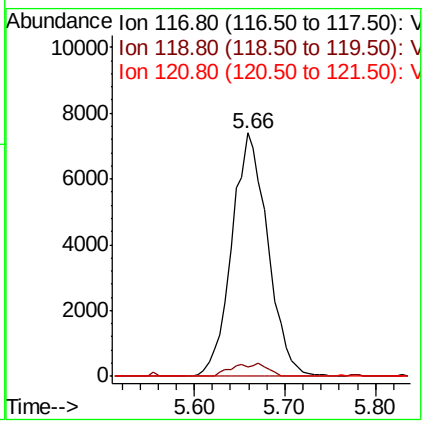


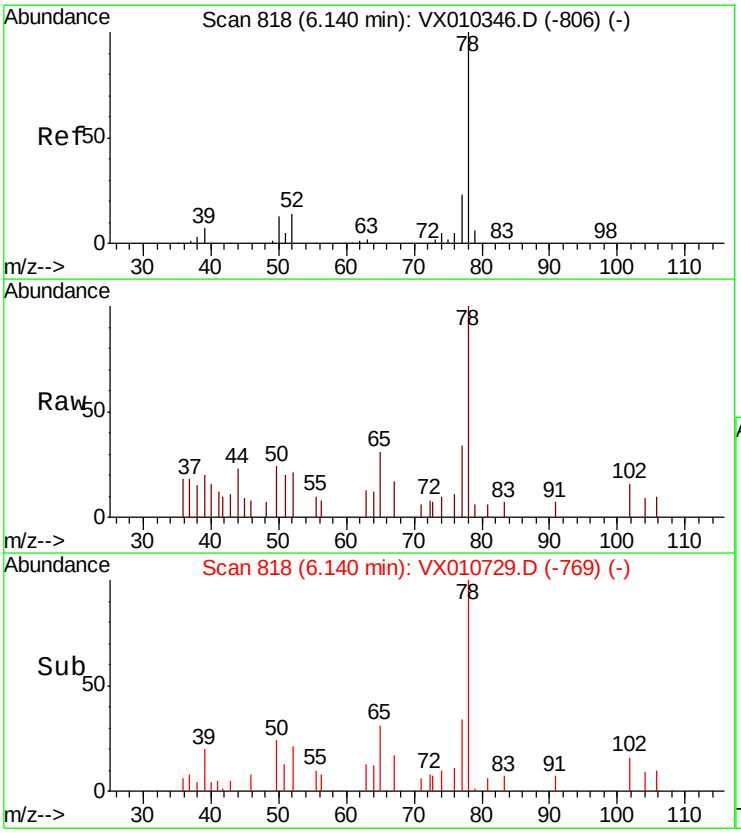
#38
Carbon Tetrachloride
Concen: 6.659 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : DUP-0535-190704

Tgt Ion:117 Resp: 20290

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.2	117.4#
121	0.0	24.7	37.1#

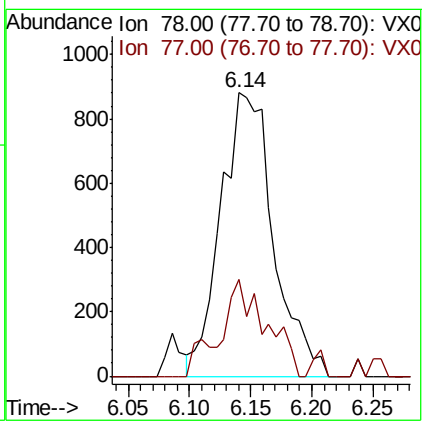


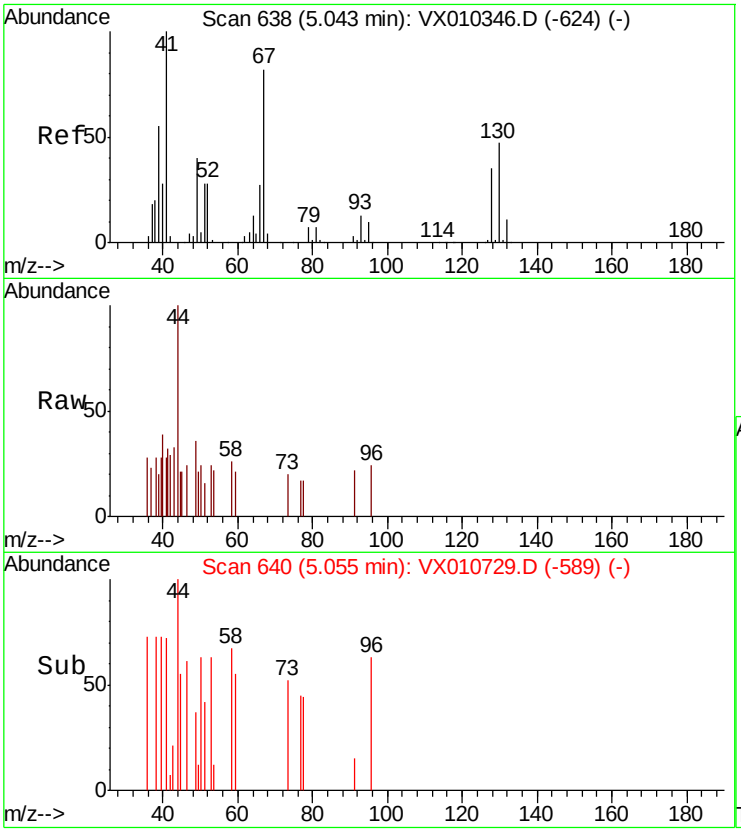


#40
Benzene
Concen: 0.301 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 78 Resp: 2640

Ion	Ratio	Lower	Upper
78	100		
77	33.9	18.6	28.0#



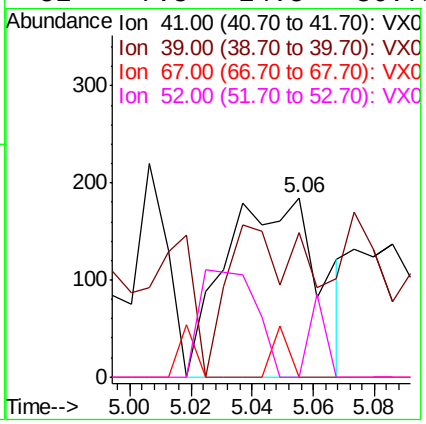


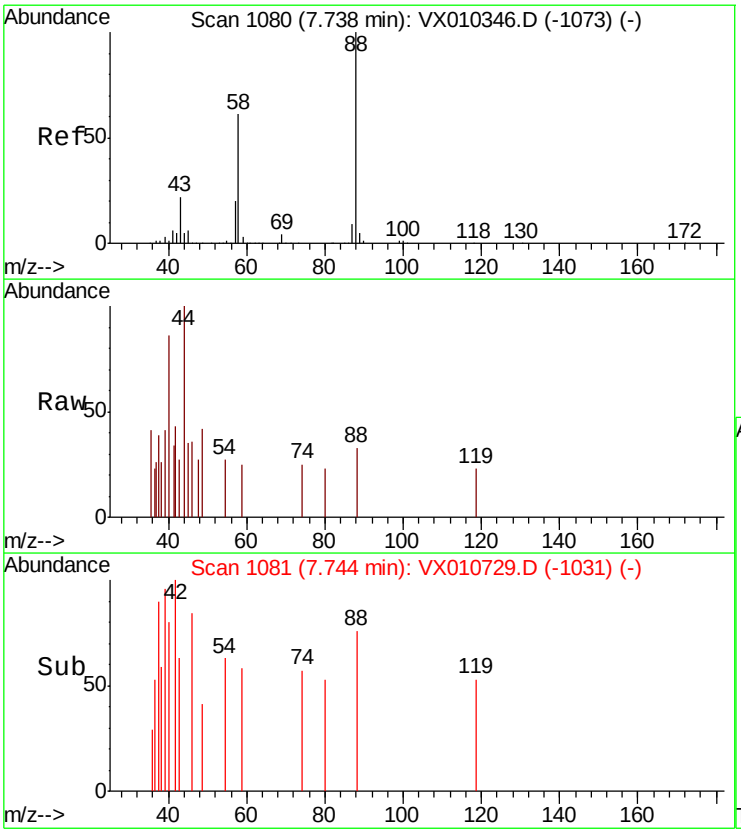
#41
Methacrylonitrile
Concen: 0.249 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : DUP-0535-190704

Tgt Ion: 41 Resp: 396

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.8	65.8#
67	4.8	66.6	100.0#
52	7.8	24.5	36.7#

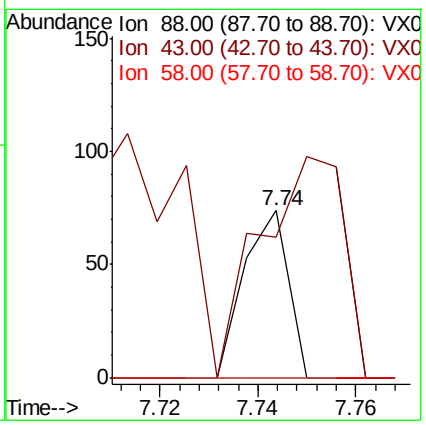


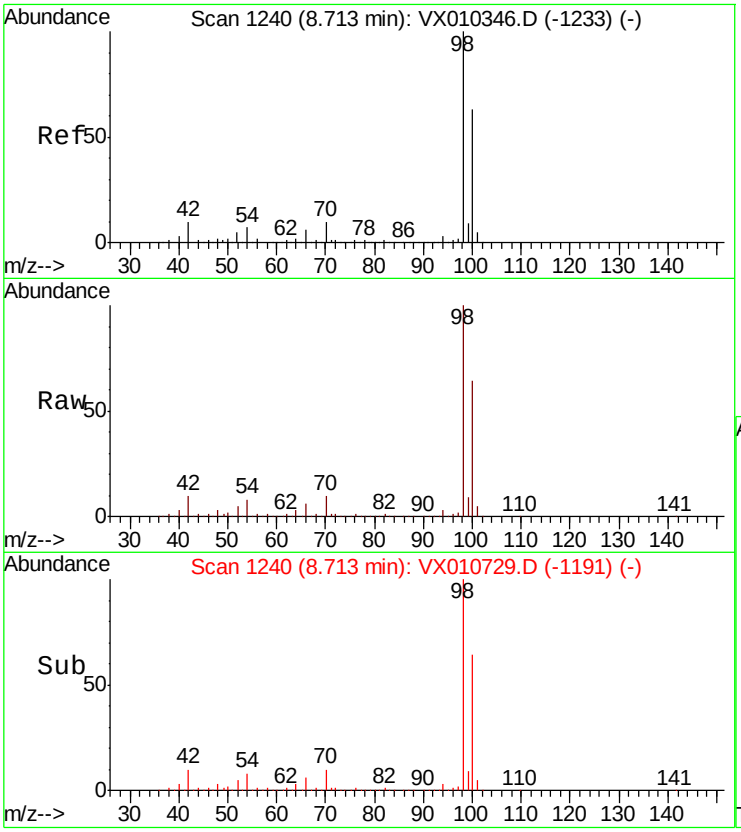


#49
1,4-Dioxane
Concen: 0.717 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 88 Resp: 46

Ion	Ratio	Lower	Upper
88	100		
43	252.2	20.2	30.2#
58	0.0	49.5	74.3#



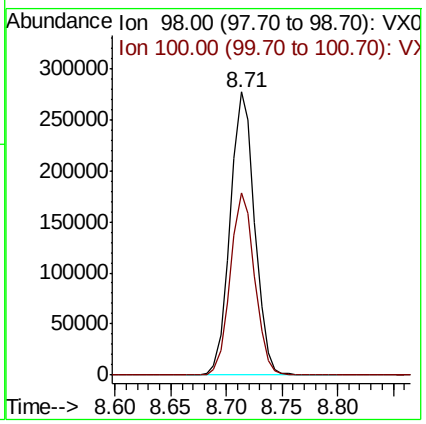


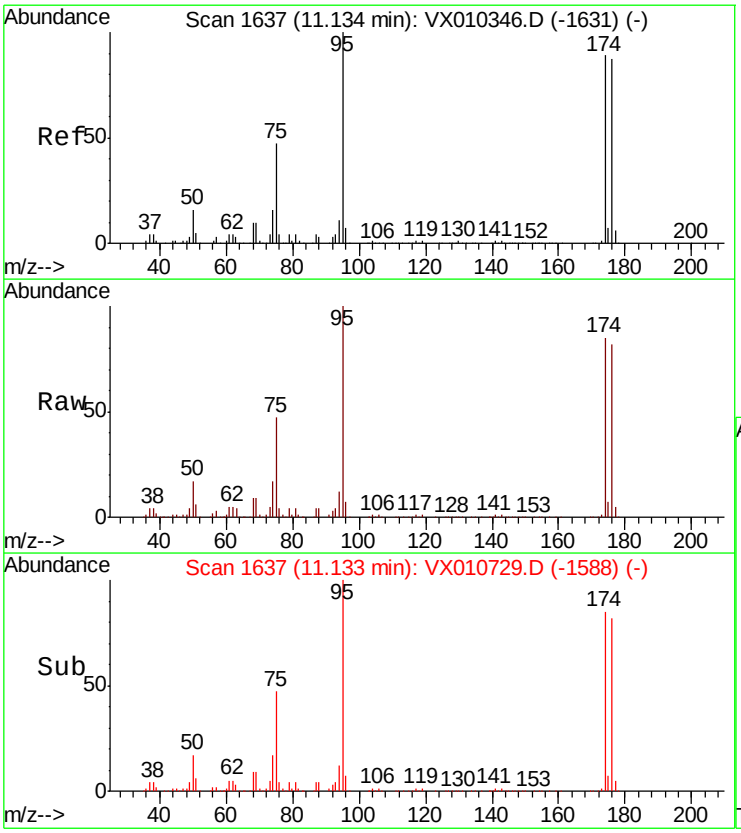
#50
Toluene-d8
Concen: 50.750 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 98 Resp: 420666

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

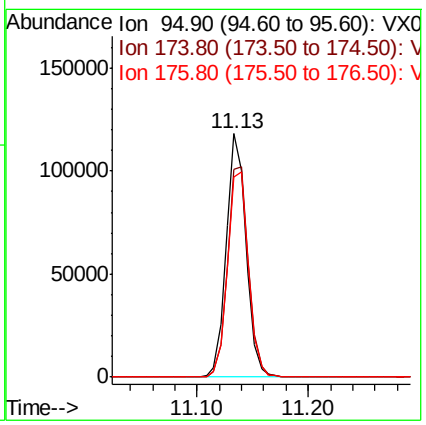


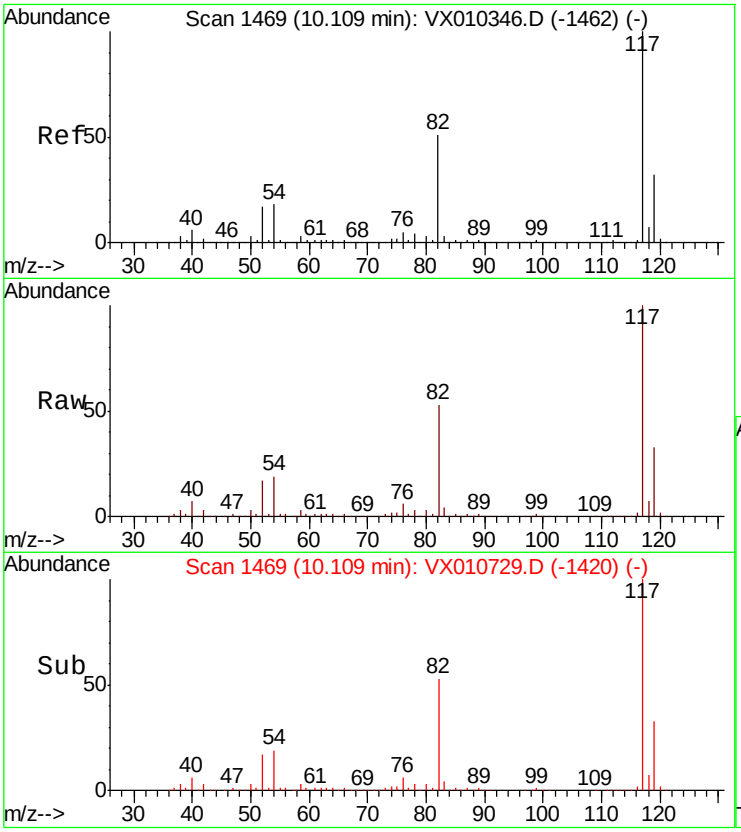


#62
4-Bromofluorobenzene
Concen: 48.593 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 95 Resp: 145417

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	187.6
176	89.1	0.0	184.0



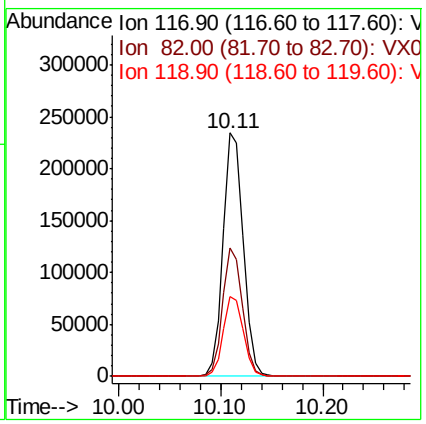


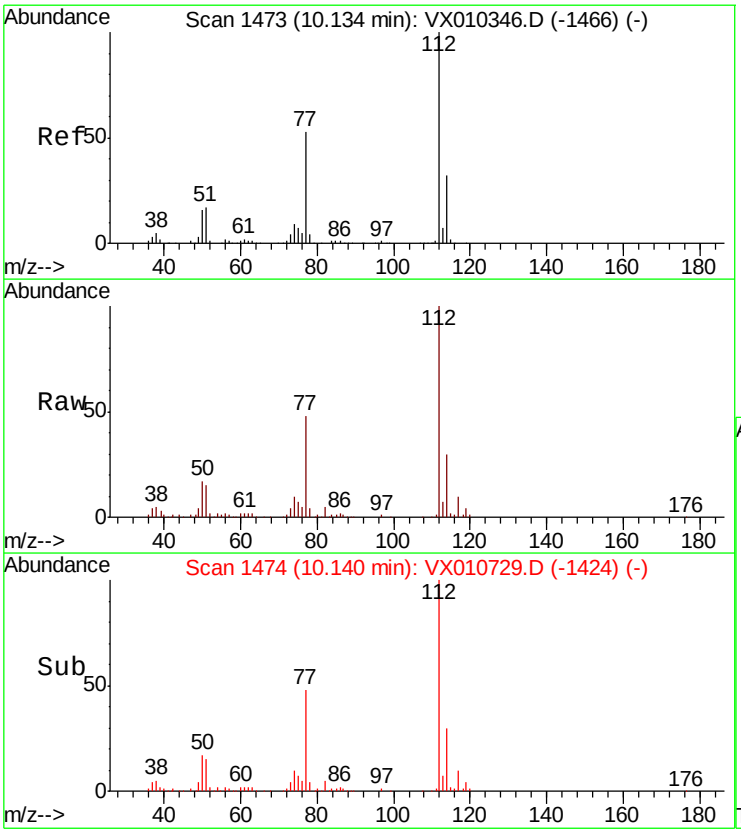
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument : MSVOA_X
ClientSampleId : DUP-0535-190704

Tgt Ion:117 Resp: 321666

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.2	61.8
119	32.7	25.5	38.3

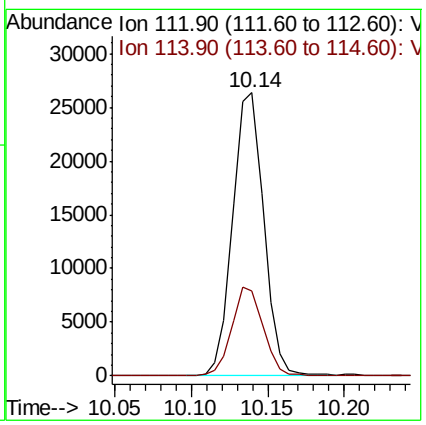


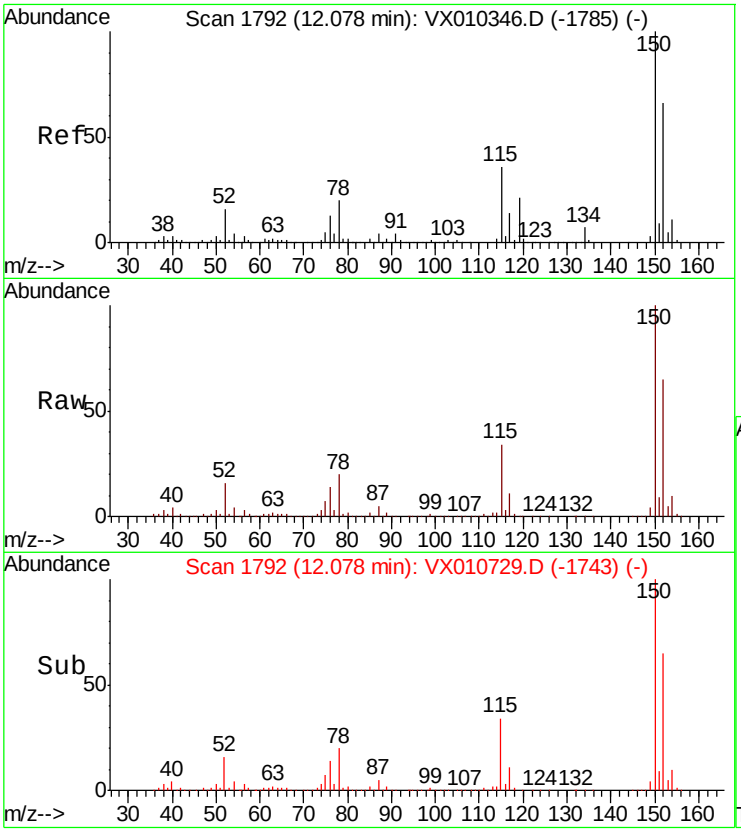


#65
Chlorobenzene
Concen: 5.678 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion:112 Resp: 37083

Ion	Ratio	Lower	Upper
112	100		
114	30.0	25.4	38.2



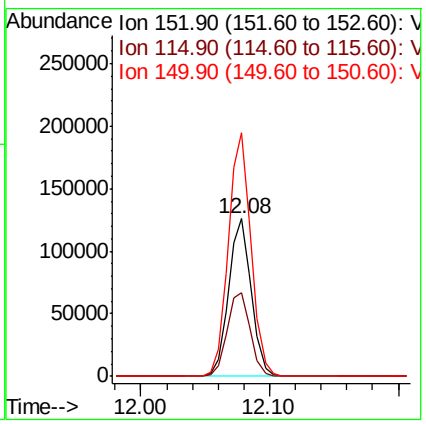


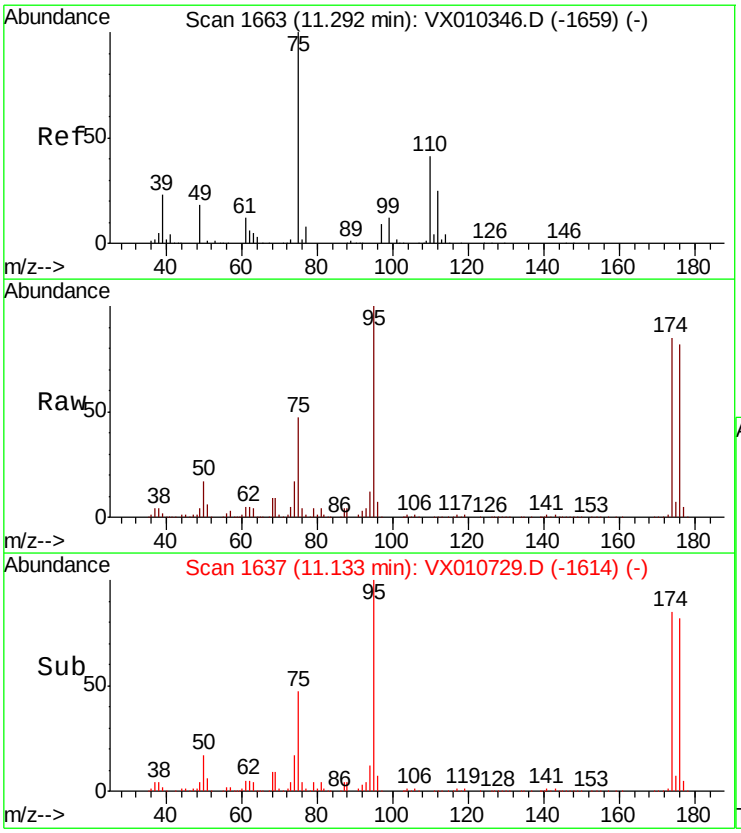
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:152 Resp: 154625

Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.6	115.7
150	155.0	0.0	347.4

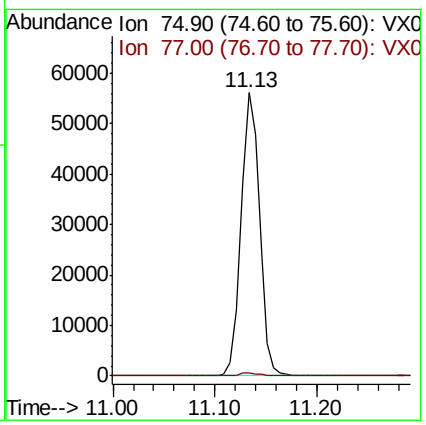


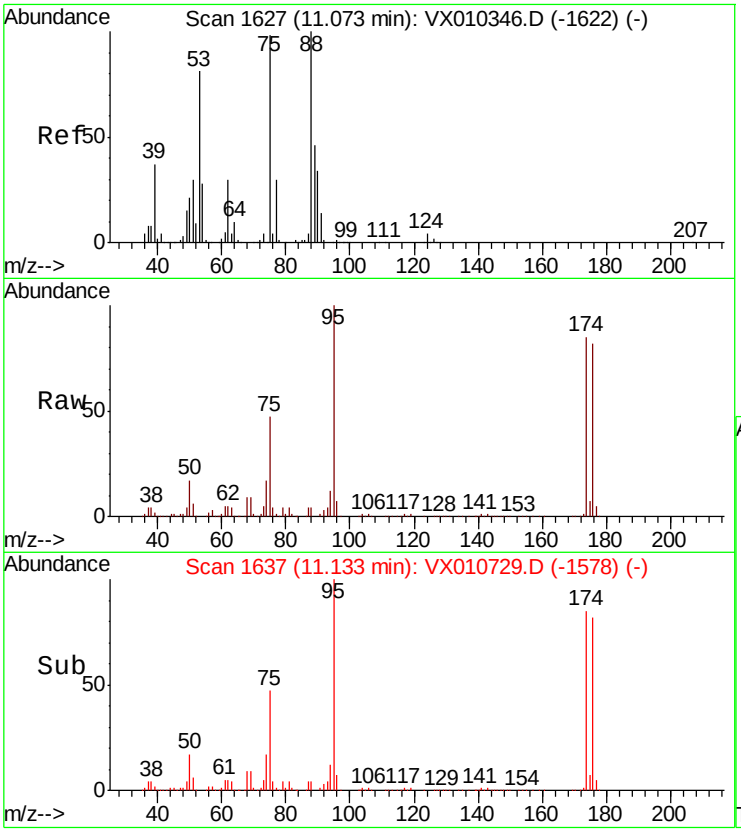


#76
1,2,3-Trichloropropane
Concen: 24.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion: 75 Resp: 70076

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.6	67.8#



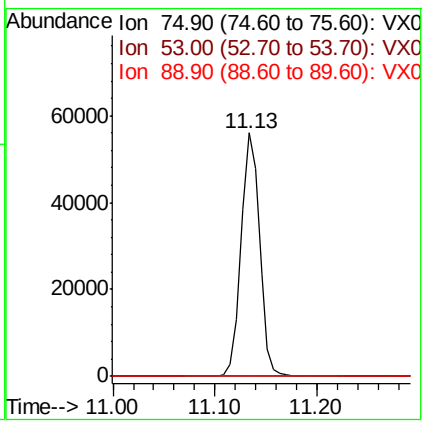


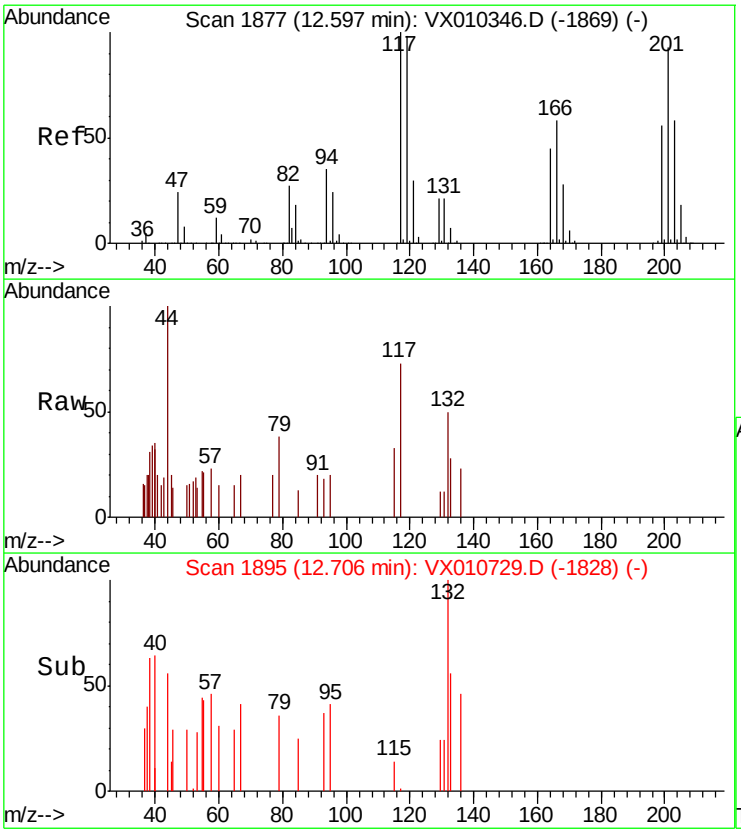
#81
trans-1,4-Dichloro-2-butene
Concen: 58.019 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion: 75 Resp: 70076

Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.1	99.1#
89	0.1	37.8	56.6#

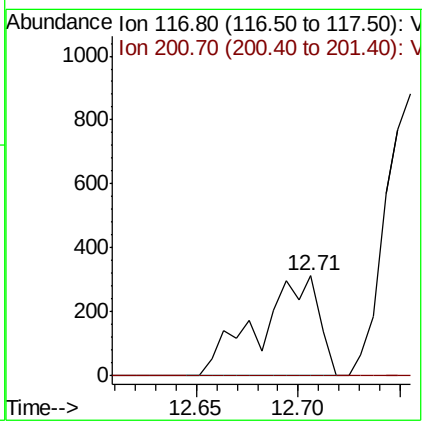


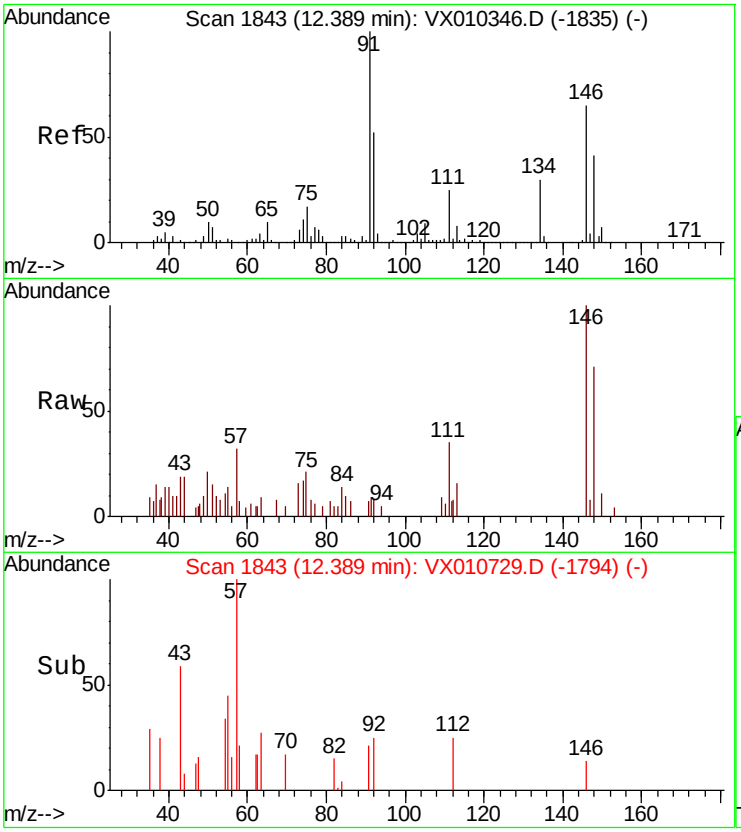


#90
Hexachloroethane
Concen: 0.394 ug/l
RT: 12.71 min Scan# 1895
Delta R.T. 0.11 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Tgt Ion:117 Resp: 642

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.0	131.8#





#91
1,2-Dichlorobenzene
Concen: 0.304 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010729.D
Acq: 09 Jul 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0535-190704

Tgt Ion:146 Resp: 1542

Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.2	57.6
148	76.6	32.0	96.0