Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011225.D
Acq On : 31 Jul 2019 03:48
Operator : JC/SP
Sample : PB121803ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121803ZHE#05

Quant Time: Jul 31 08:48:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	224234	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	325225	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	296308	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136006	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	110504	46.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.64%				
35) Dibromofluoromethane	5.50	113	96365	46.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.36%				
50) Toluene-d8	8.71	98	385643	49.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.62%				
62) 4-Bromofluorobenzene	11.13	95	127590	44.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.66%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	414	0.349	ug/l	#	50
6) Chloroethane	1.82	64	303	0.227	ug/l	#	77
13) Acrolein	2.29	56	360	1.122	ug/l	#	59
16) Acetone	2.45	43	5349	4.965	ug/l		97
18) Methyl Acetate	2.78	43	1484	0.605	ug/l		94
20) Methylene Chloride	2.86	84	5921	2.593	ug/l		92
25) 2-Butanone	4.70	43	926	0.599	ug/l		97
29) Tetrahydrofuran	5.17	42	361	0.368	ug/l	#	63
31) Cyclohexane	5.66	56	4473	1.381	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	14953	5.597	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	21560	7.745	ug/l	#	18
43) Isopropyl Acetate	6.45	43	10999	2.445	ug/l		98
48) Methyl methacrylate	7.68	41	4905	2.239	ug/l	#	10
49) 1,4-Dioxane	7.87	88	83	1.354	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	56365	19.331	ug/l	#	47
54) cis-1,3-Dichloropropene	8.61	75	28143	8.879	ug/l	#	61
57) 1,3-Dichloropropane	9.54	76	7143	2.034	ug/l	#	43
59) 2-Hexanone	9.44	43	7668	3.391	ug/l	#	23
60) Dibromochloromethane	9.34	129	21	2.536	ug/l	#	11
68) m/p-Xylenes	10.36	106	1077	0.271	ug/l		92
76) 1,2,3-Trichloropropane	11.13	75	65454	26.669	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	2583	0.336	ug/l		95
81) trans-1,4-Dichloro-2-buten	11.13	75	65454	66.169	ug/l	#	11

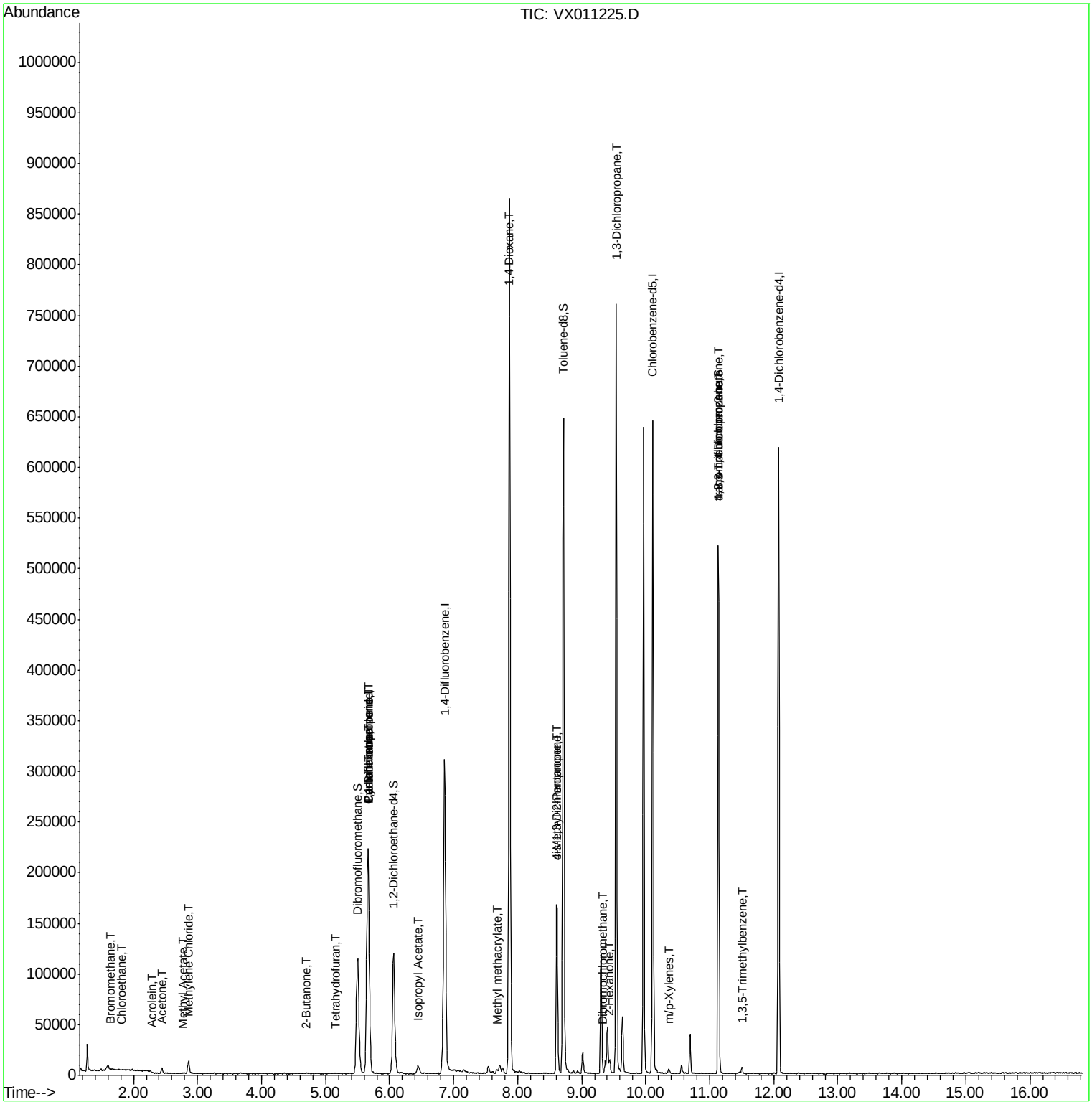
(#) = qualifier out of range (m) = manual integration (+) = signals summed

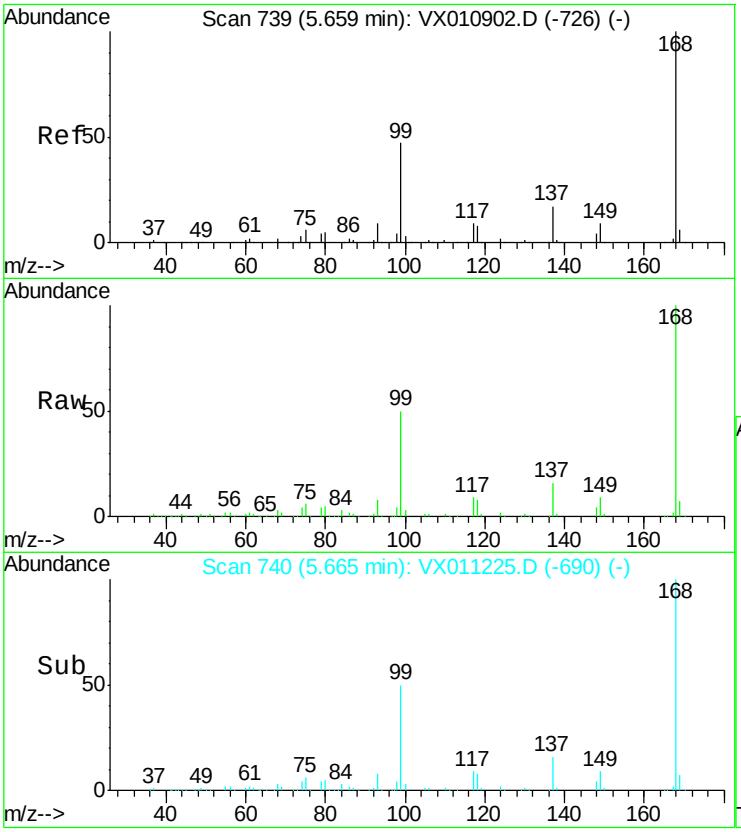
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011225.D
Acq On : 31 Jul 2019 03:48
Operator : JC/SP
Sample : PB121803ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Quant Time: Jul 31 08:48:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



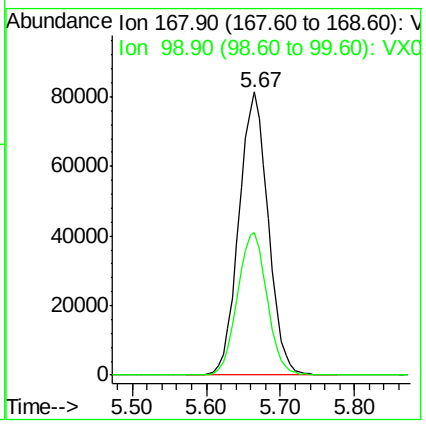


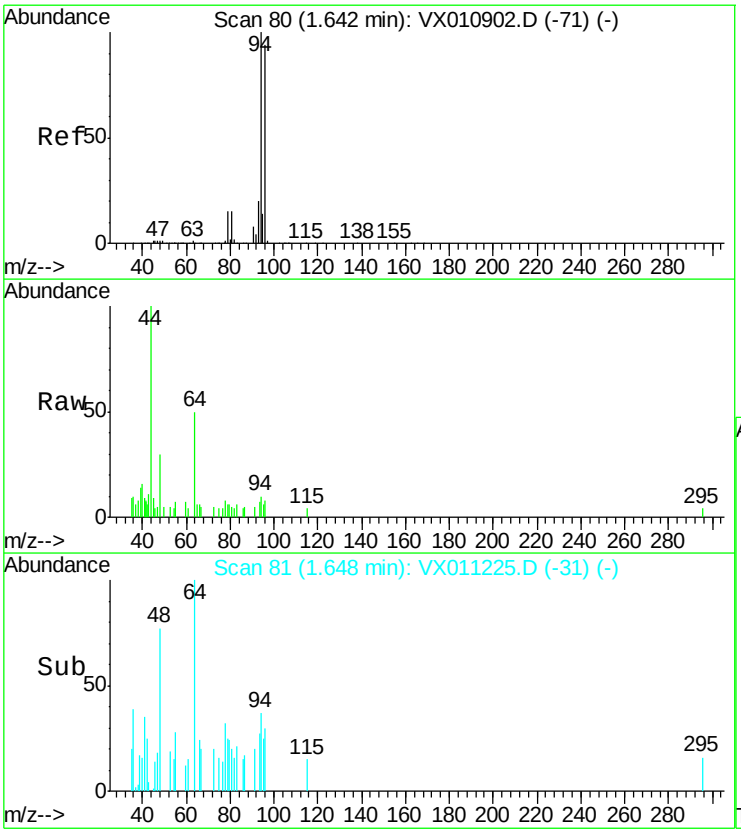
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion:168 Resp: 224234

Ion	Ratio	Lower	Upper
168	100		
99	50.1	37.6	56.4

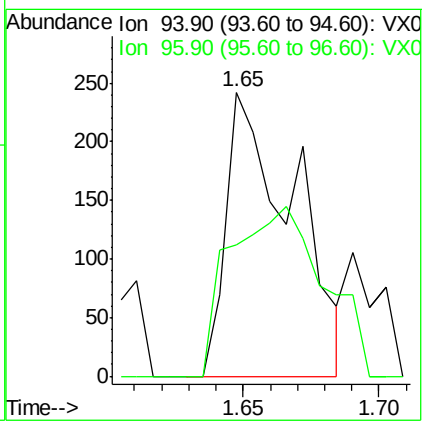


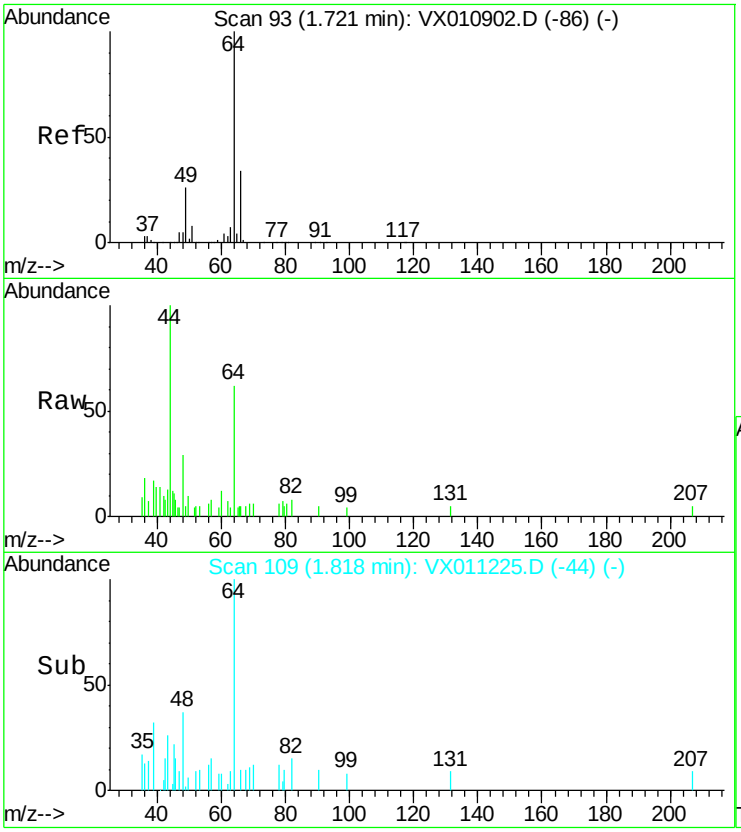


#5
Bromomethane
Concen: 0.349 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 94 Resp: 414

Ion	Ratio	Lower	Upper
94	100		
96	46.3	75.6	113.4#



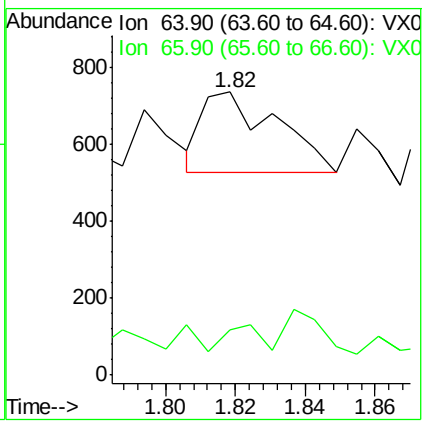


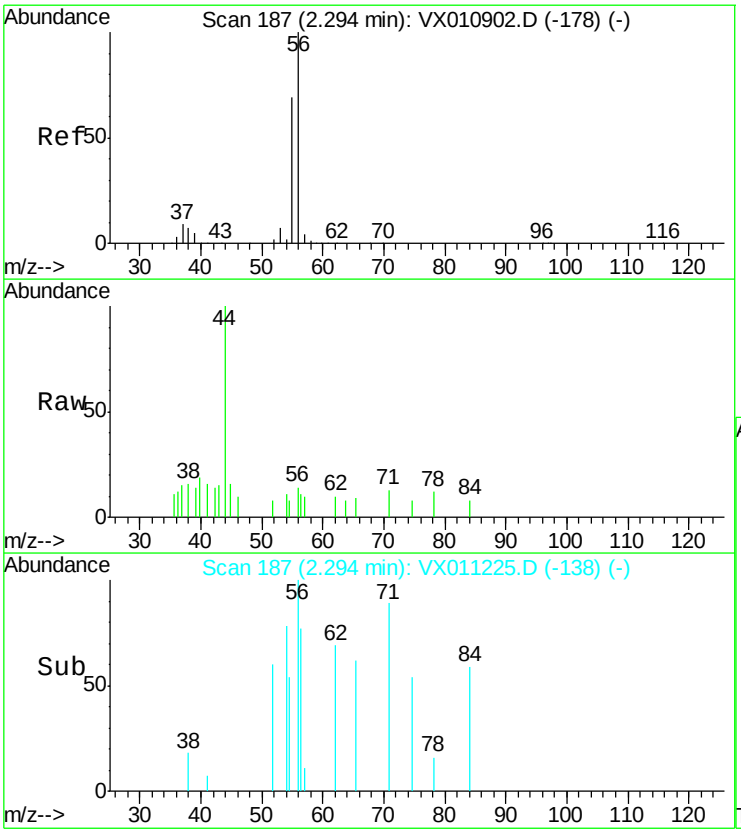
#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.82 min Scan# 109
Delta R.T. 0.10 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 64 Resp: 303

Ion	Ratio	Lower	Upper
64	100		
66	20.8	27.0	40.6#

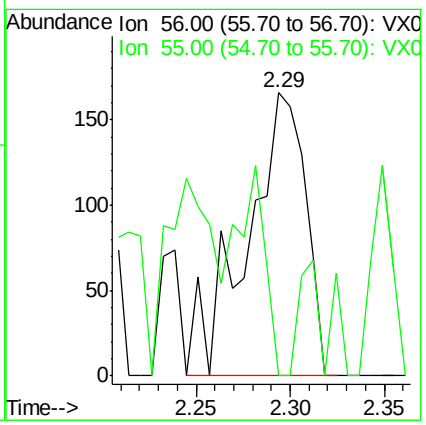


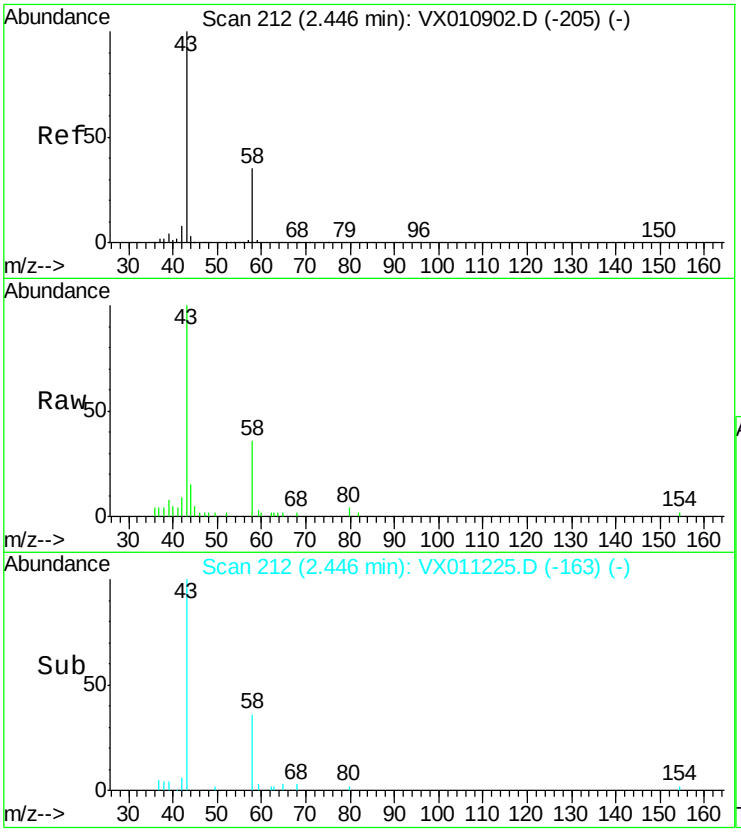


#13
Acrolein
Concen: 1.122 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 56 Resp: 360

Ion	Ratio	Lower	Upper
56	100		
55	36.1	55.9	83.9#



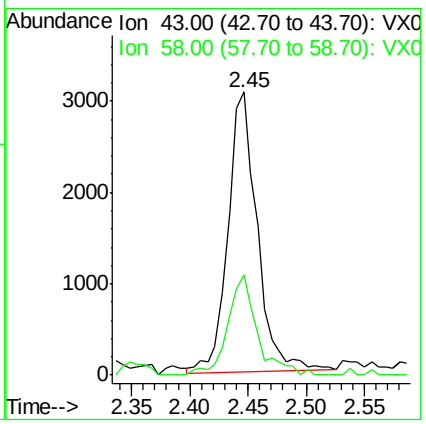


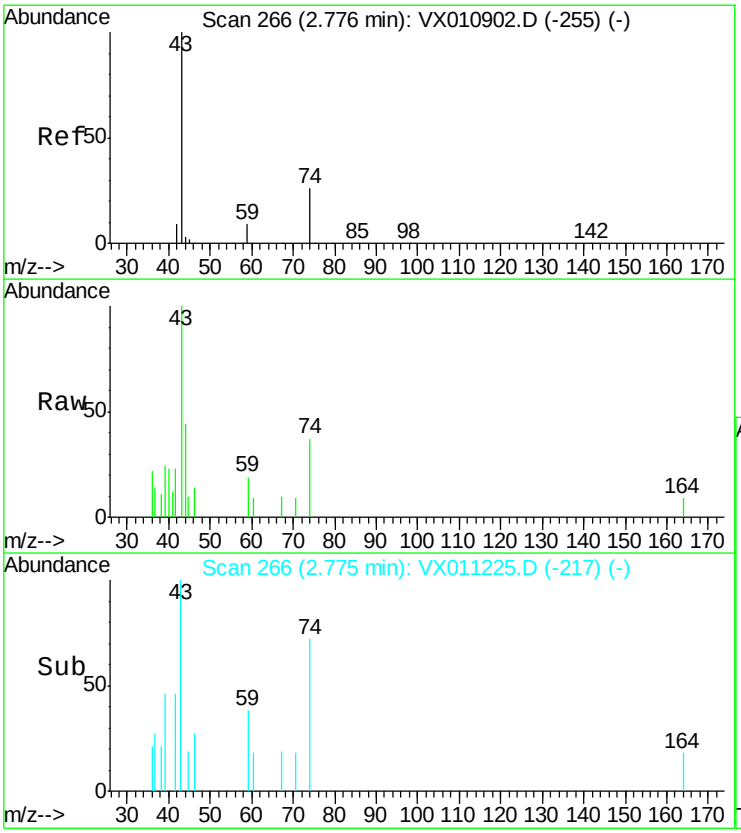
#16
Acetone
Concen: 4.965 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 43 Resp: 5349

Ion	Ratio	Lower	Upper
43	100		
58	36.3	27.7	41.5

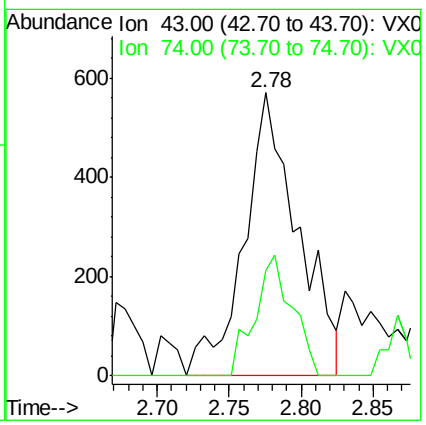


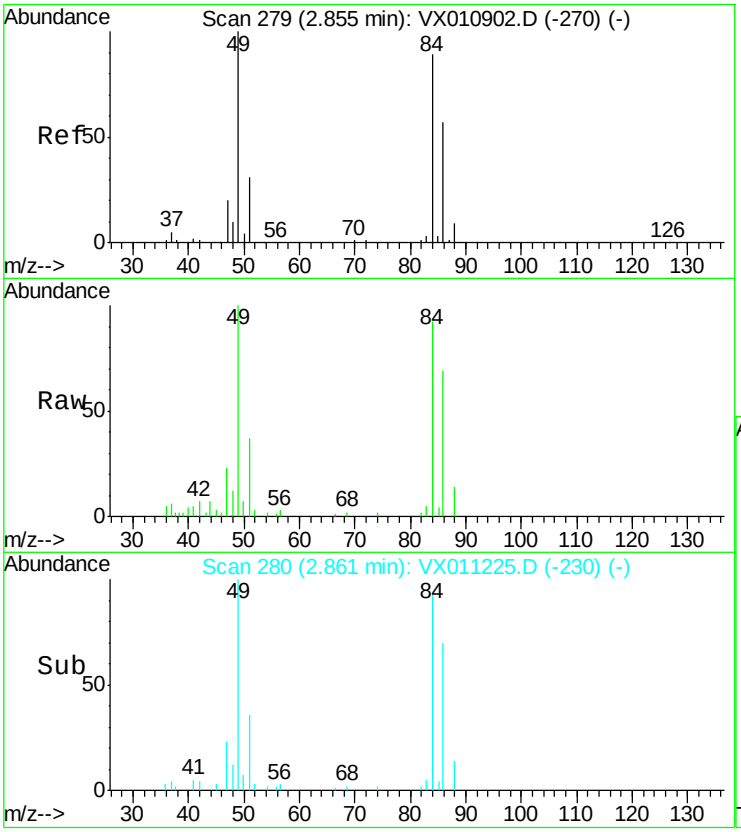


#18
Methyl Acetate
Concen: 0.605 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 43 Resp: 1484

Ion	Ratio	Lower	Upper
43	100		
74	29.9	21.5	32.3



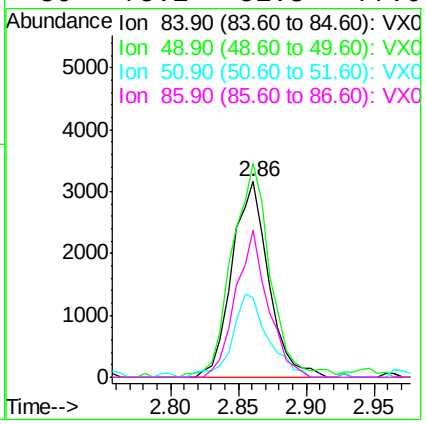


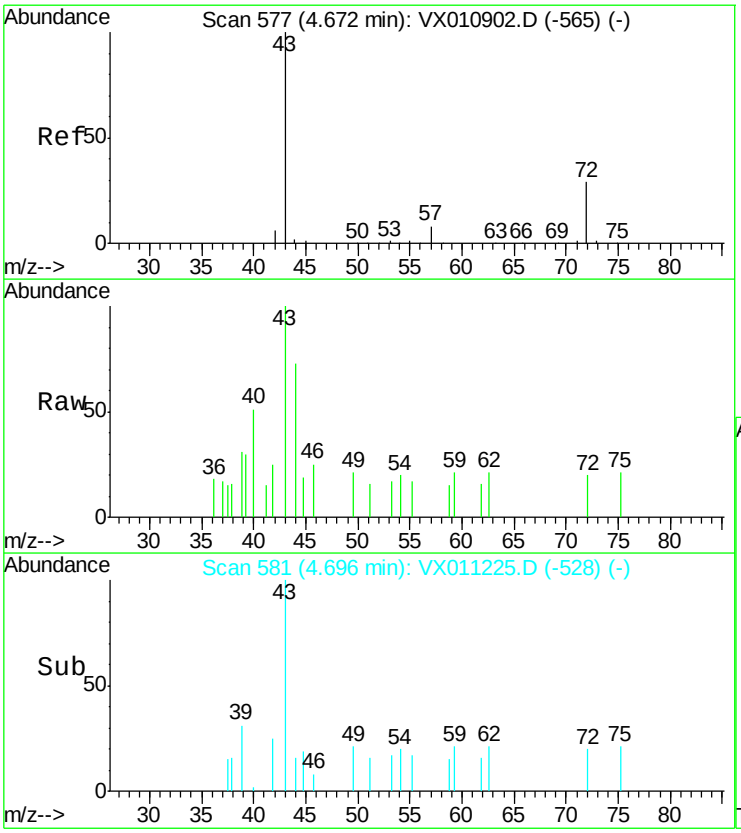
#20
Methylene Chloride
Concen: 2.593 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 84 Resp: 5921

Ion	Ratio	Lower	Upper
84	100		
49	107.5	89.9	134.9
51	40.8	27.8	41.6
86	75.1	51.8	77.6

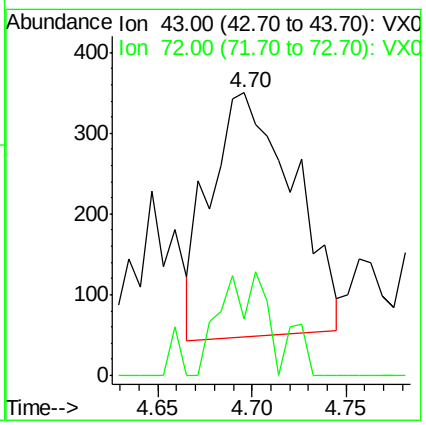


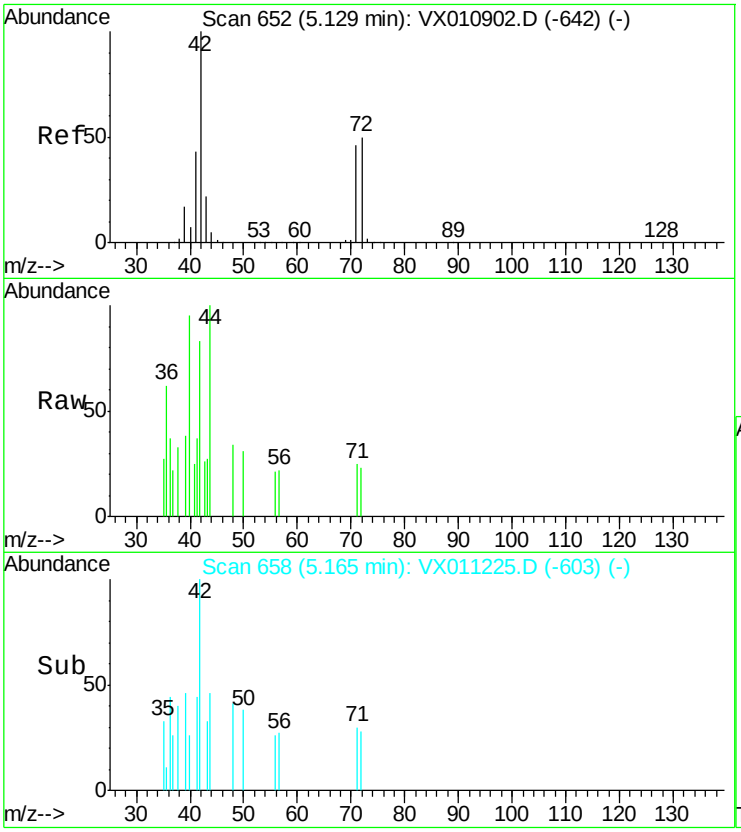


#25
2-Butanone
Concen: 0.599 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 43 Resp: 926

Ion	Ratio	Lower	Upper
43	100		
72	27.5	23.0	34.6



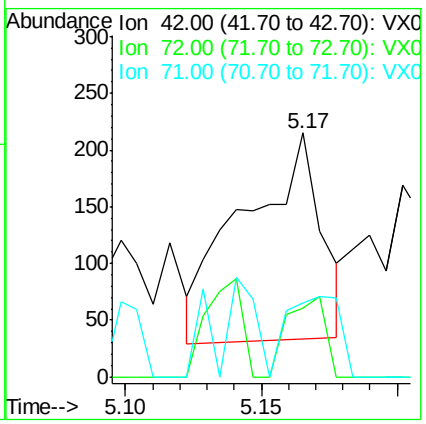


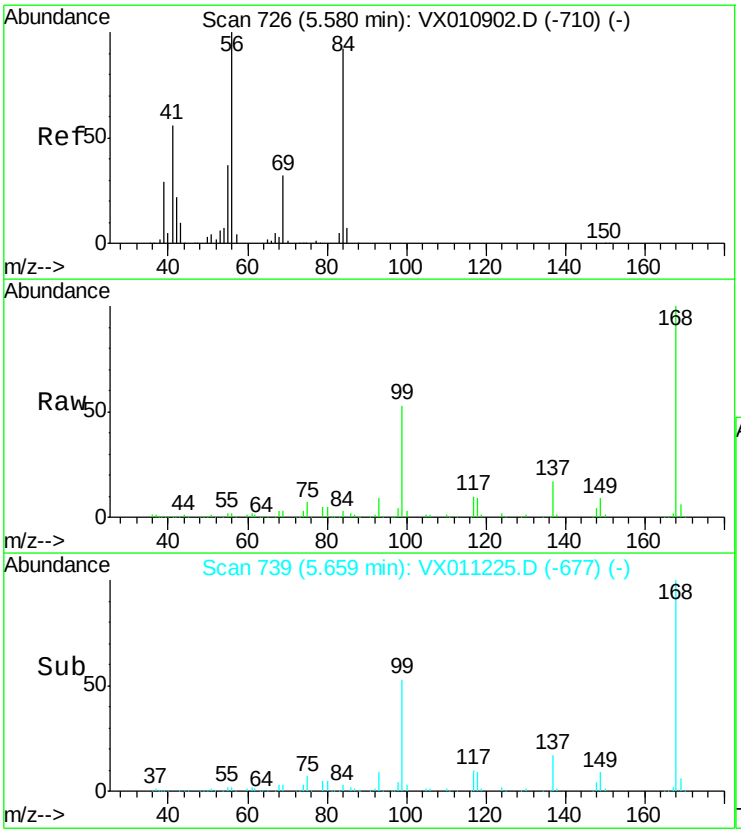
#29
Tetrahydrofuran
Concen: 0.368 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.04 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 42 Resp: 361

Ion	Ratio	Lower	Upper
42	100		
72	18.8	39.8	59.8#
71	26.9	37.0	55.4#

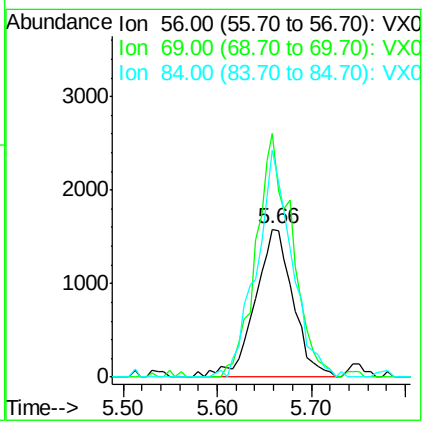


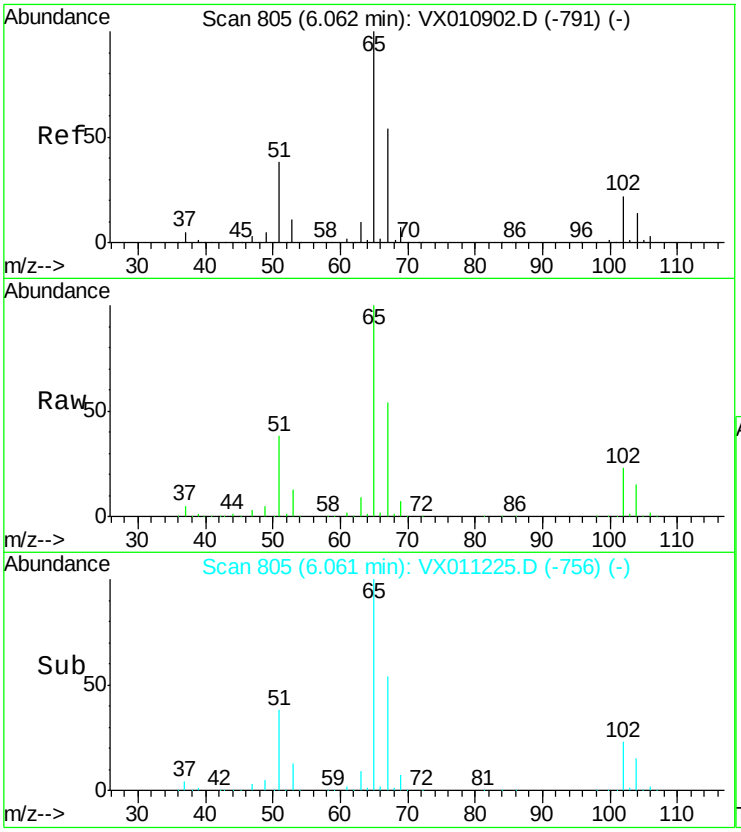


#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 56 Resp: 4473

Ion	Ratio	Lower	Upper
56	100		
69	164.5	25.8	38.8#
84	153.6	73.8	110.6#



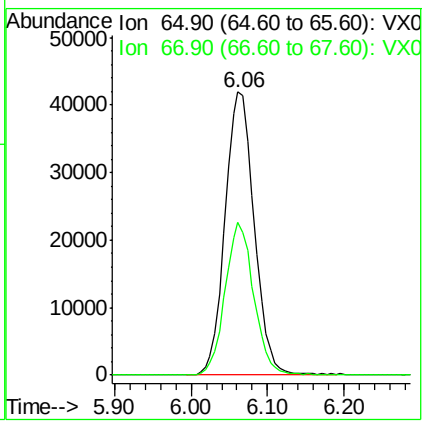


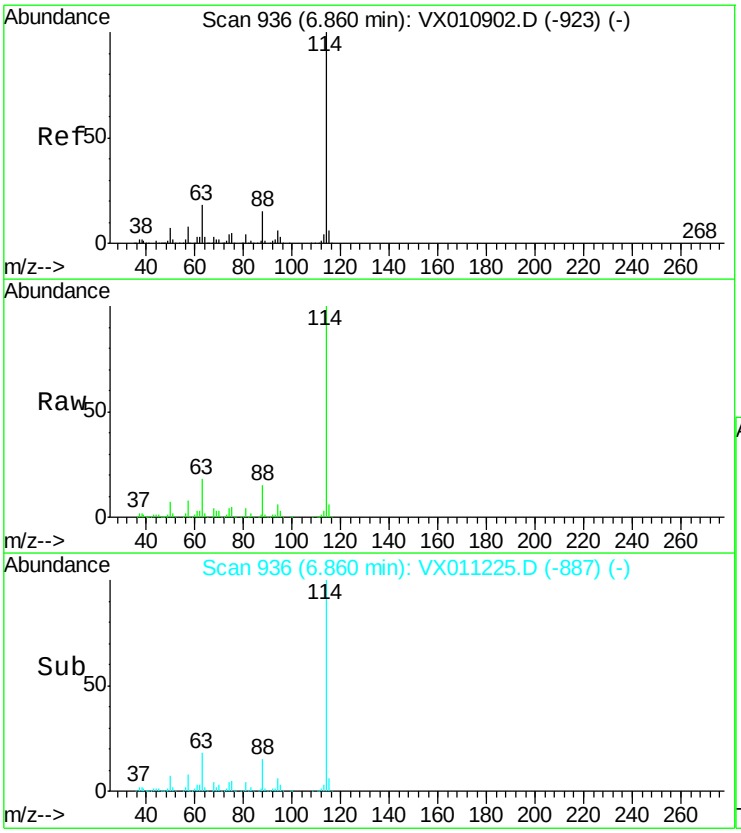
#33
1,2-Dichloroethane-d4
Concen: 46.323 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 65 Resp: 110504

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8

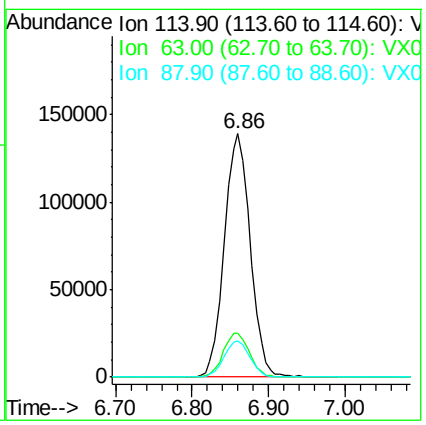


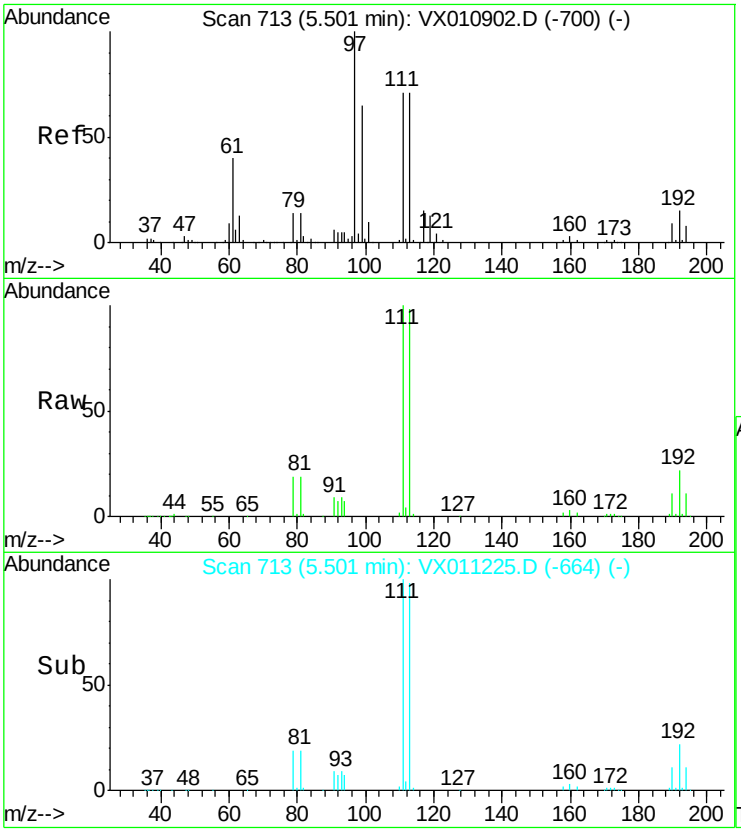


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion:114 Resp: 325225

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	15.0	0.0	29.8



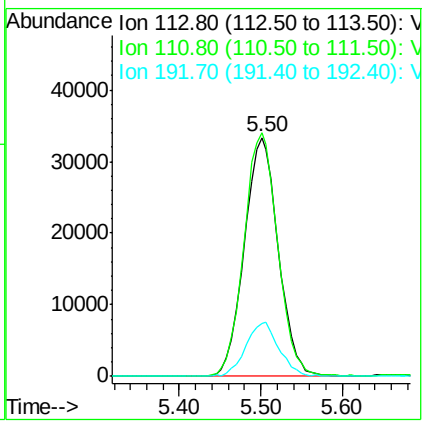


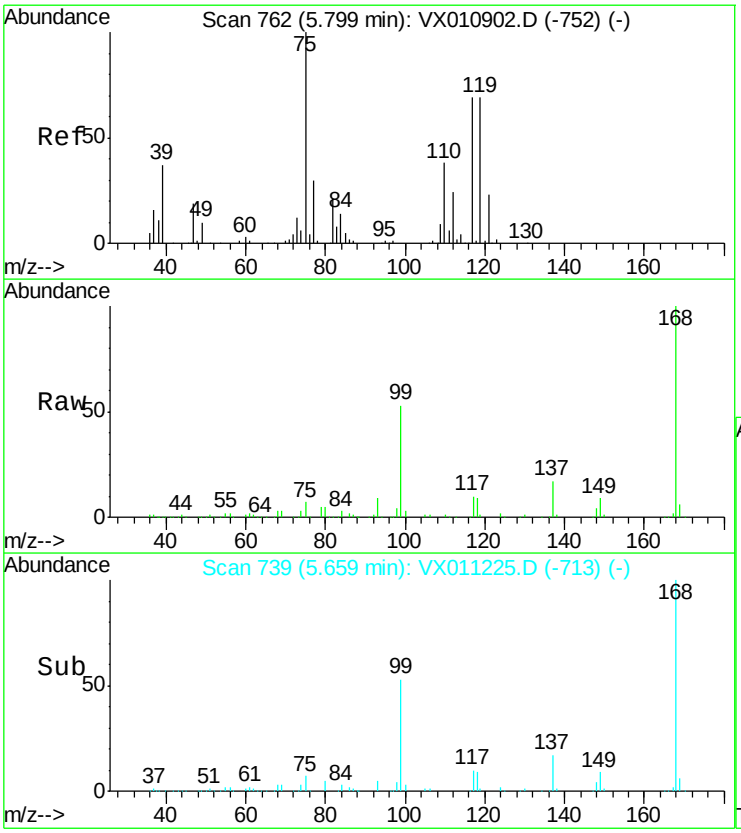
#35
Dibromofluoromethane
Concen: 46.682 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion:113 Resp: 96365

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	22.1	17.4	26.2

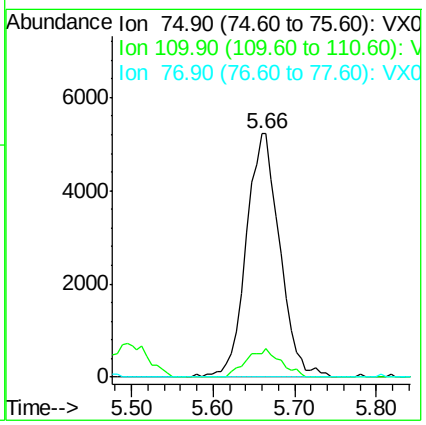


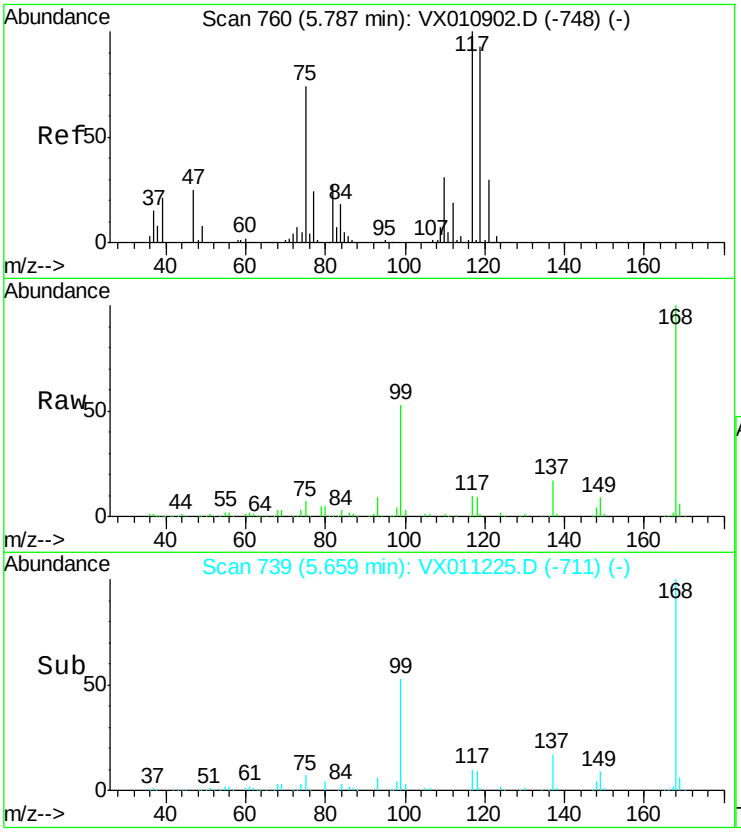


#36
1,1-Dichloropropene
Concen: 5.597 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 75 Resp: 14953

Ion	Ratio	Lower	Upper
75	100		
110	11.9	19.9	59.7#
77	0.0	25.0	37.4#



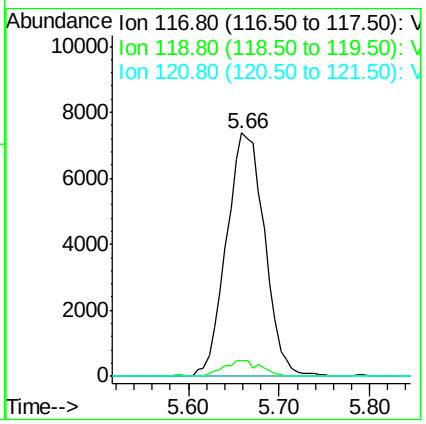


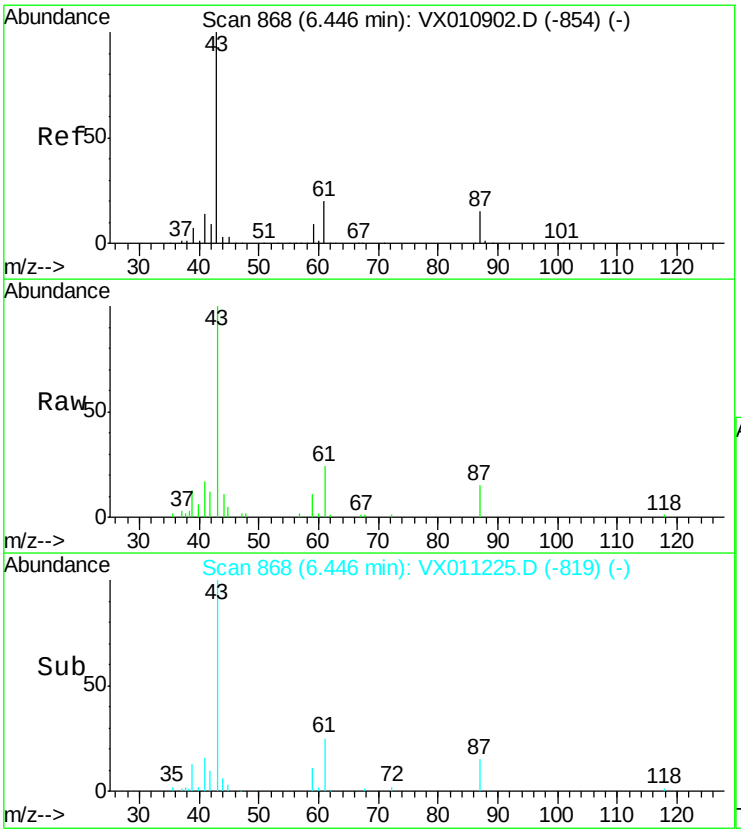
#38
Carbon Tetrachloride
Concen: 7.745 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion:117 Resp: 21560

Ion	Ratio	Lower	Upper
117	100		
119	6.3	74.2	111.2#
121	0.0	24.2	36.2#

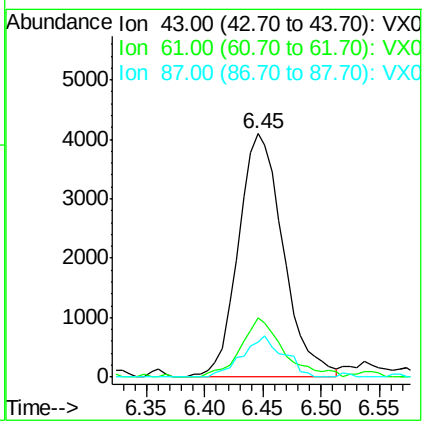


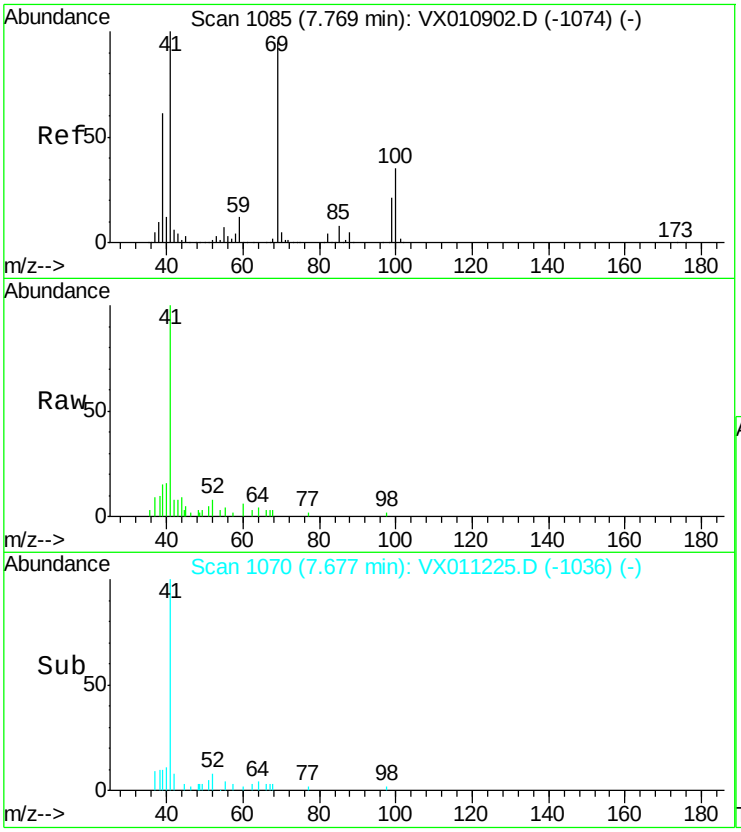


#43
Isopropyl Acetate
Concen: 2.445 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 43 Resp: 10999

Ion	Ratio	Lower	Upper
43	100		
61	23.0	17.1	25.7
87	15.4	12.0	18.0



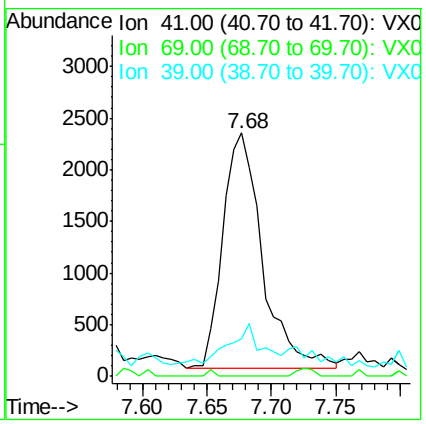


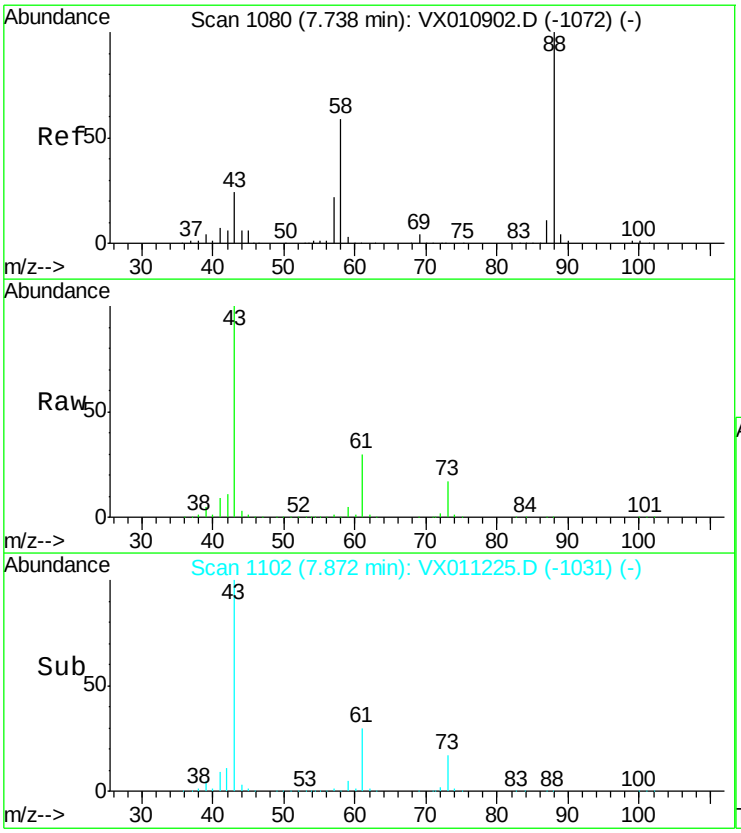
#48
Methyl methacrylate
Concen: 2.239 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument : MSVOA_X
ClientSampleId : PB121803ZHE#05

Tgt Ion: 41 Resp: 4905

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.4	111.6#
39	0.0	48.9	73.3#

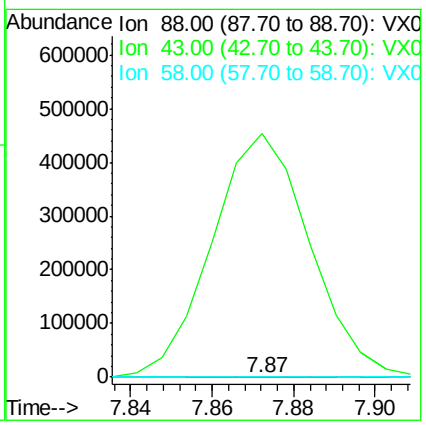


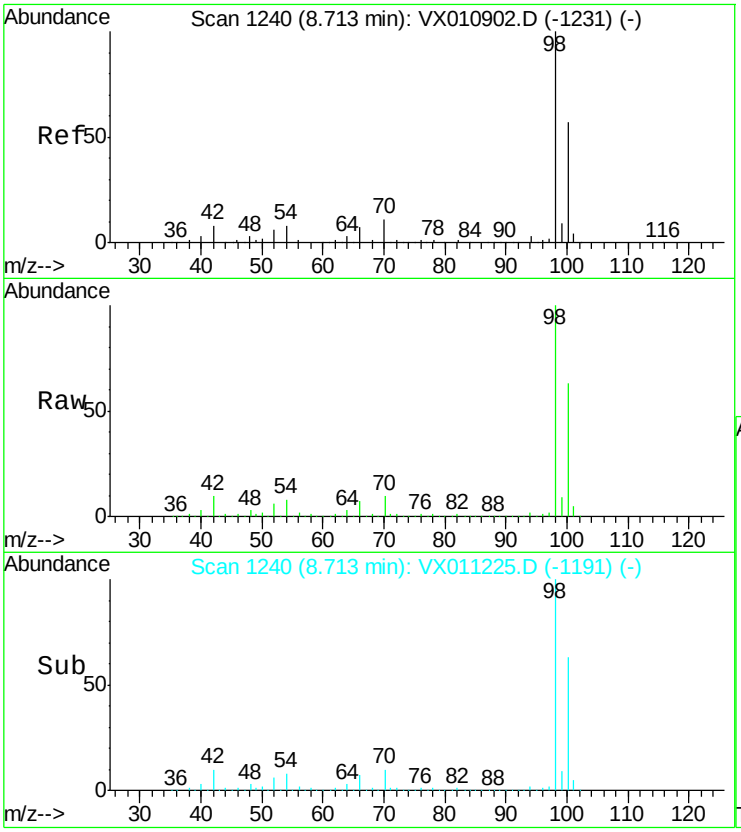


#49
1,4-Dioxane
Concen: 1.354 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	920281.9	22.9	34.3#
58	4201.2	49.8	74.8#



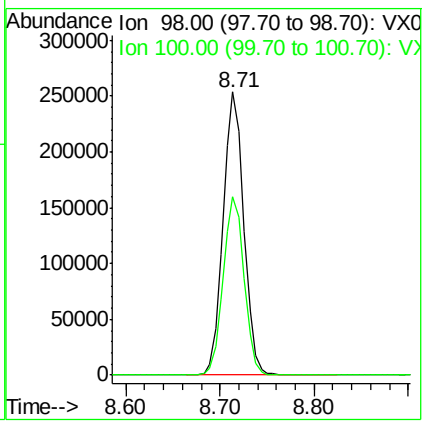


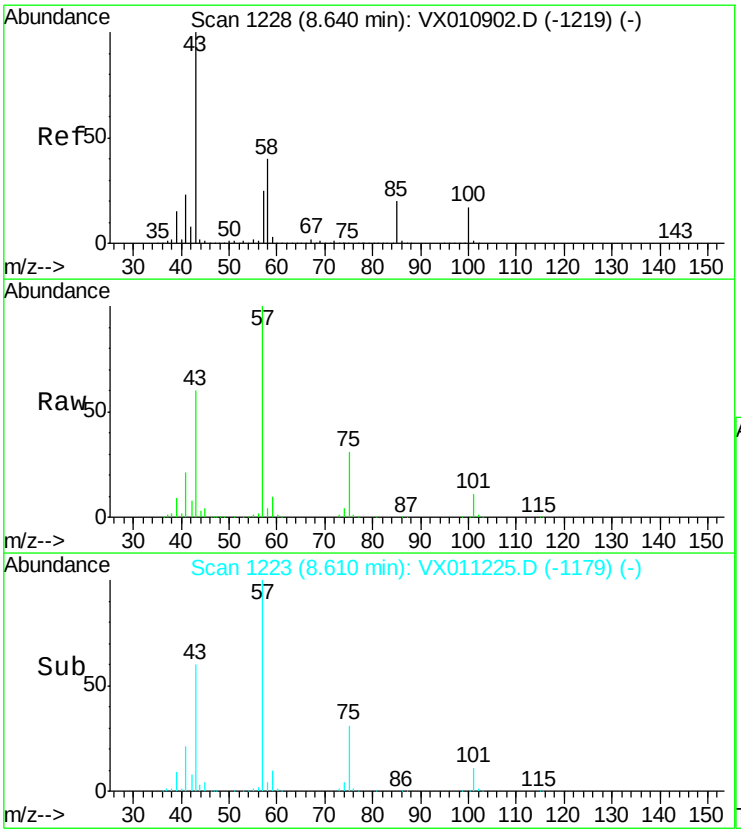
#50
Toluene-d8
Concen: 49.810 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 98 Resp: 385643

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.6	75.8

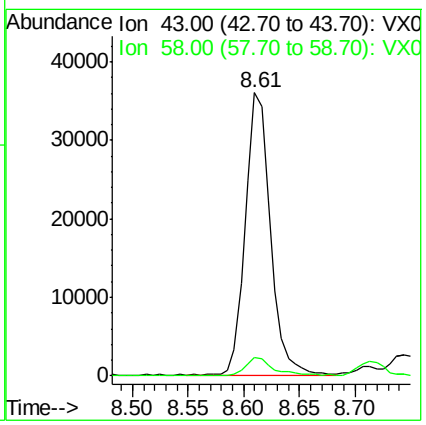


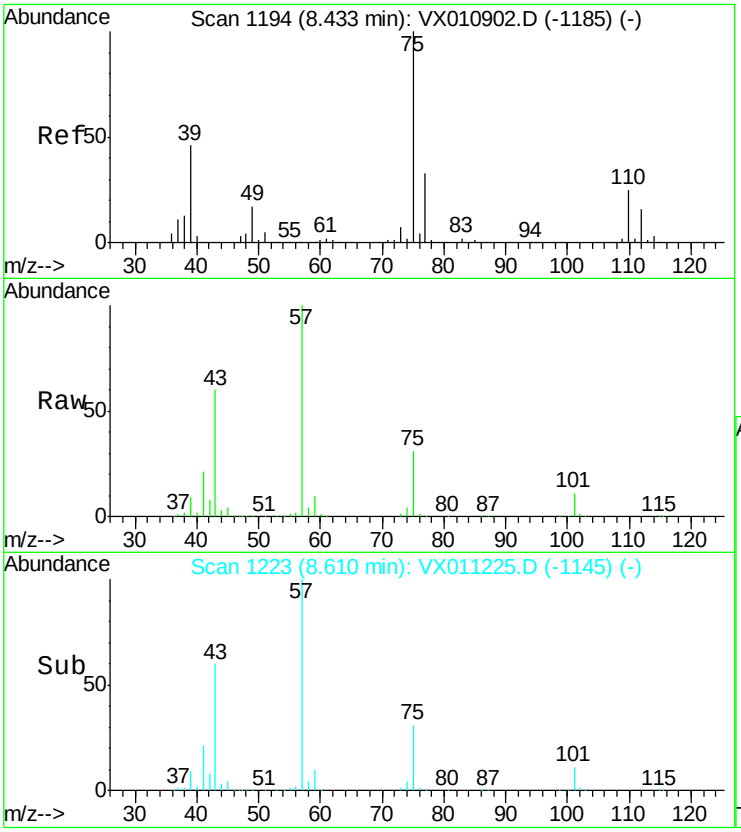


#51
4-Methyl-2-Pentanone
Concen: 19.331 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 43 Resp: 56365

Ion	Ratio	Lower	Upper
43	100		
58	7.7	32.2	48.4#



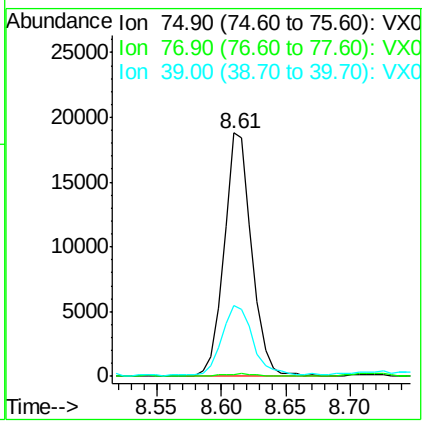


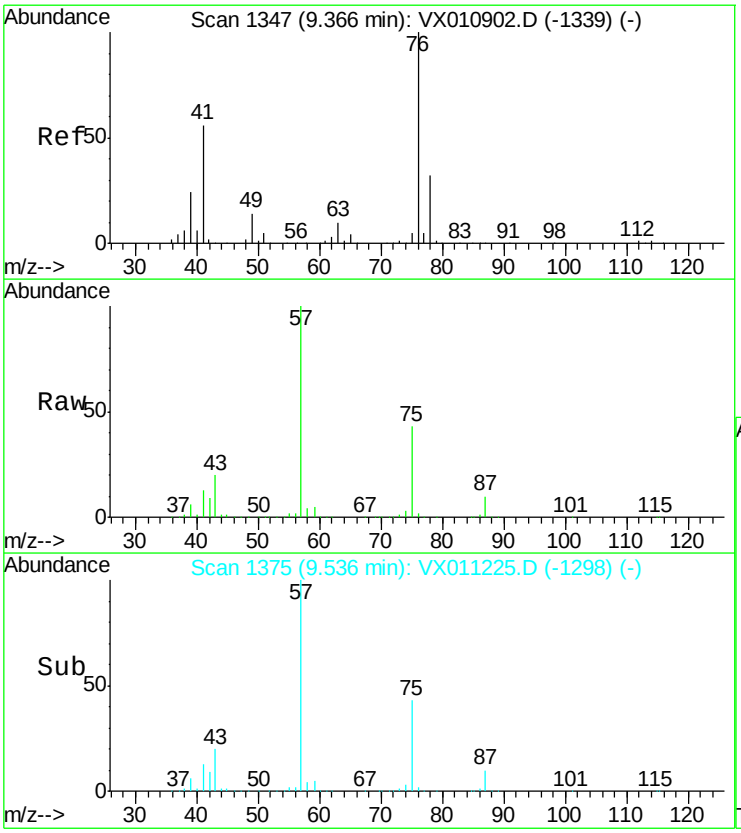
#54
cis-1,3-Dichloropropene
Concen: 8.879 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 75 Resp: 28143

Ion	Ratio	Lower	Upper
75	100		
77	0.9	26.1	39.1#
39	28.5	36.6	54.8#

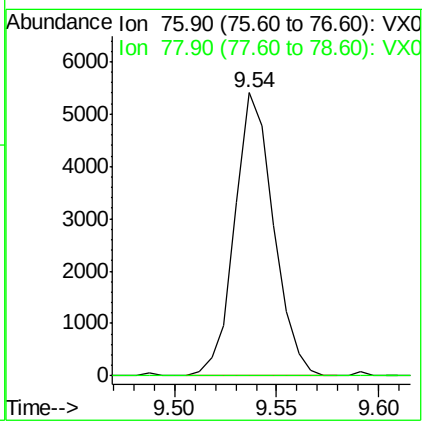


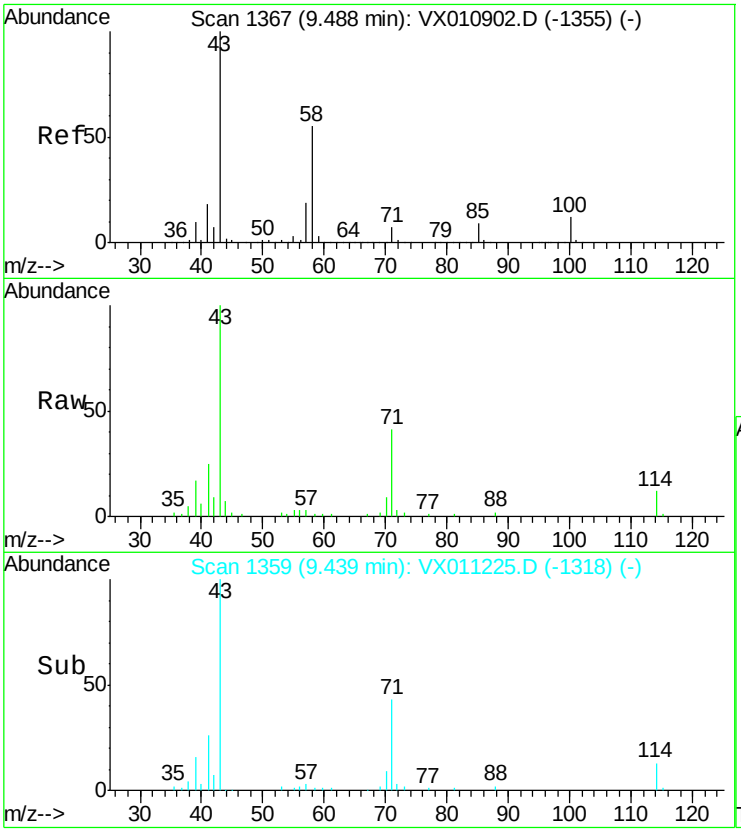


#57
1,3-Dichloropropane
Concen: 2.034 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion: 76 Resp: 7143

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



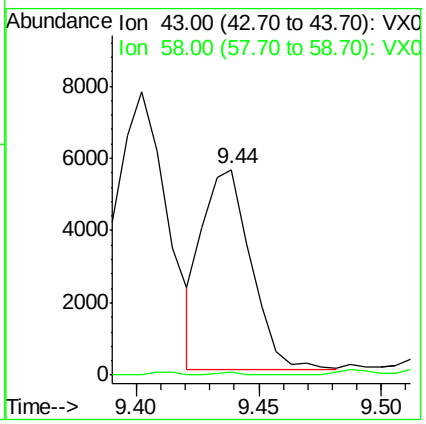


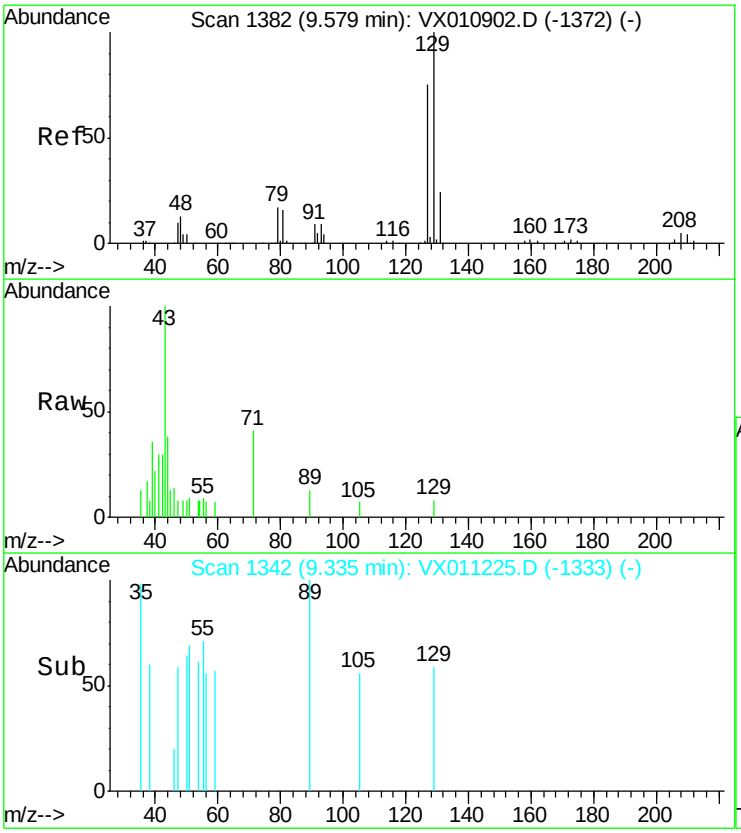
#59
2-Hexanone
Concen: 3.391 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 43 Resp: 7668

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#

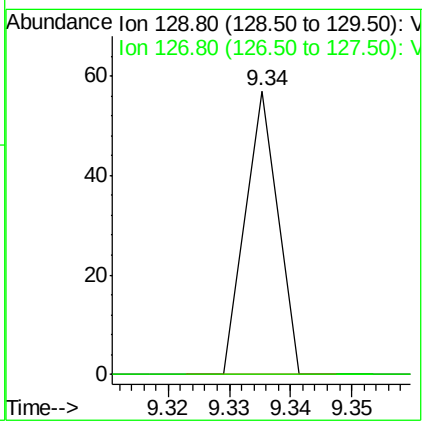


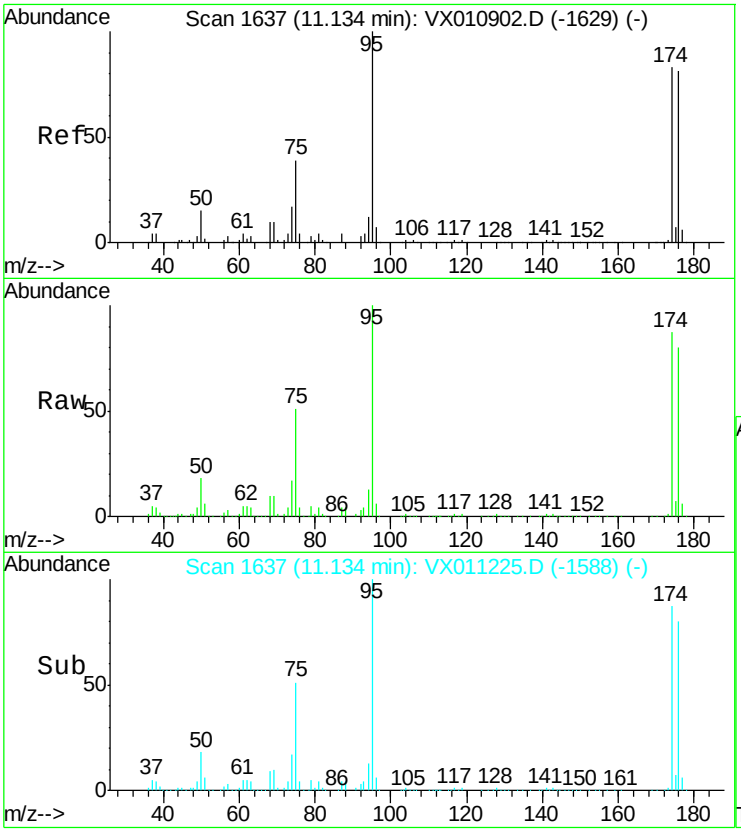


#60
Dibromochloromethane
Concen: 2.536 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion:129 Resp: 21

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#



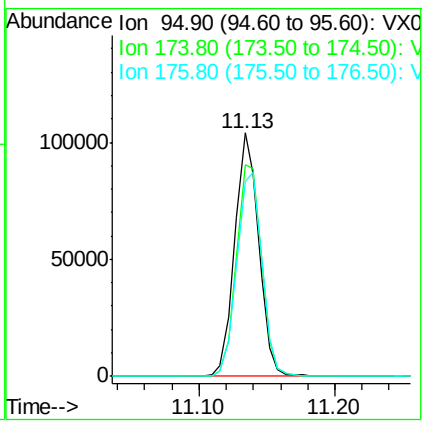


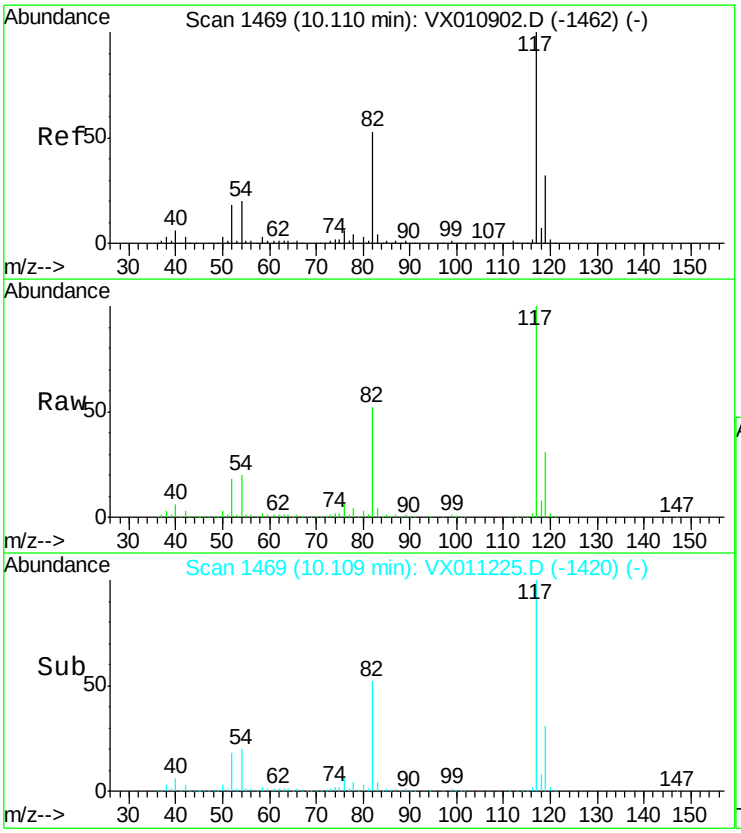
#62
4-Bromofluorobenzene
Concen: 44.834 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 95 Resp: 127590

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	180.6
176	87.8	0.0	173.8

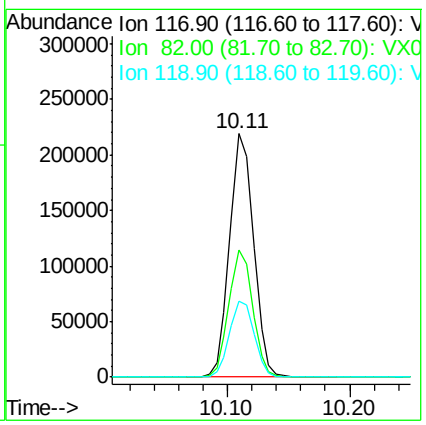


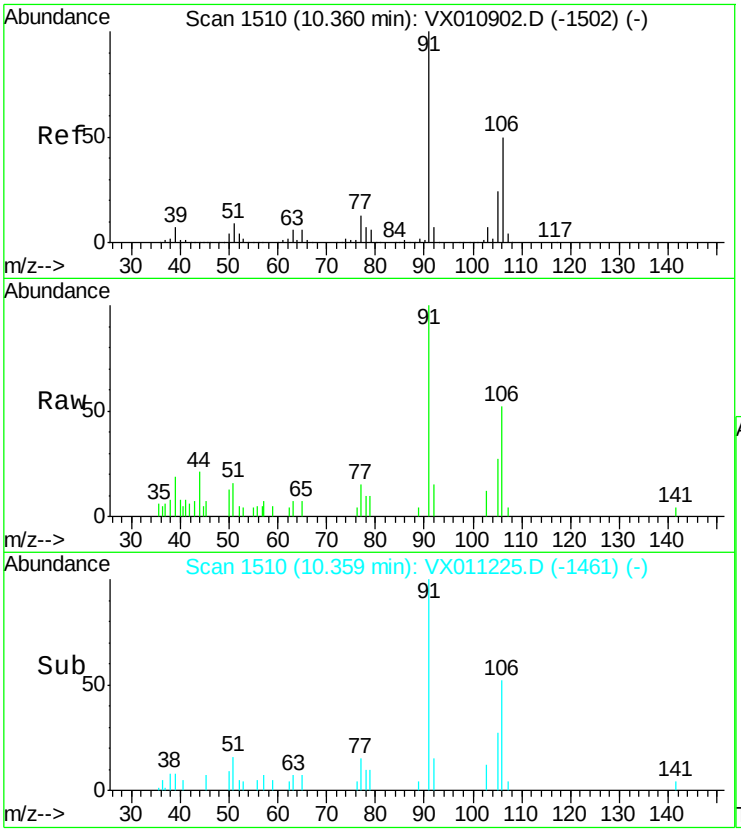


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion:117 Resp: 296308

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	31.2	25.9	38.9



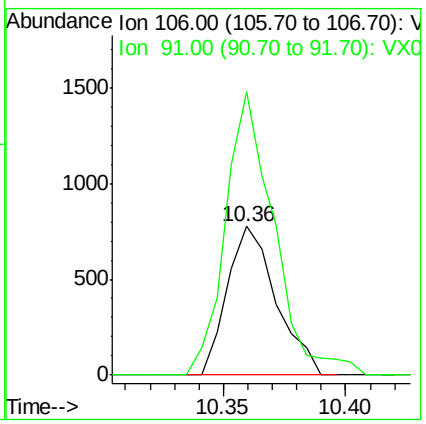


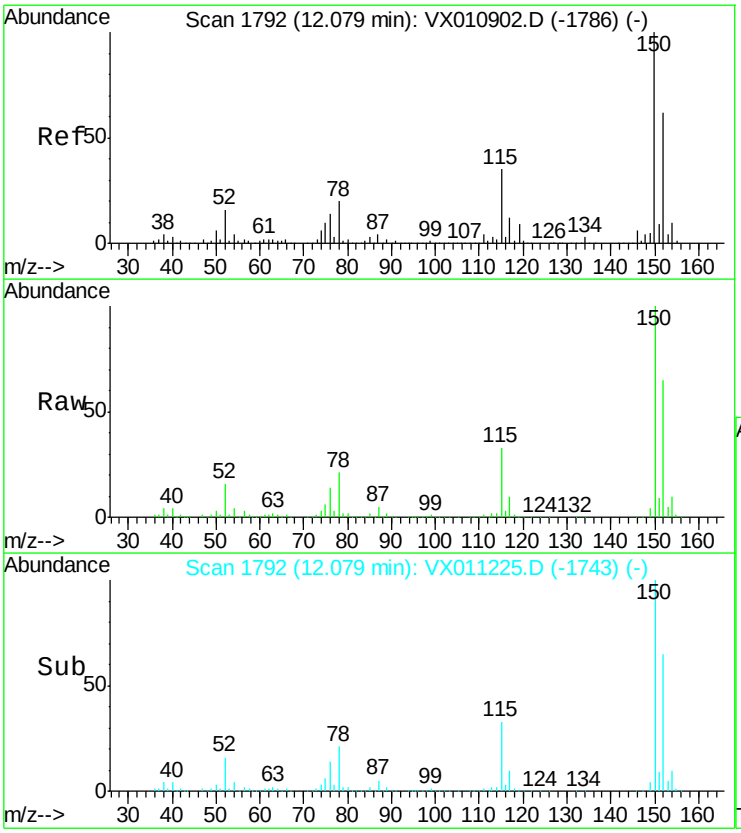
#68
m/p-Xylenes
Concen: 0.271 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion:106 Resp: 1077

Ion	Ratio	Lower	Upper
106	100		
91	188.5	160.1	240.1

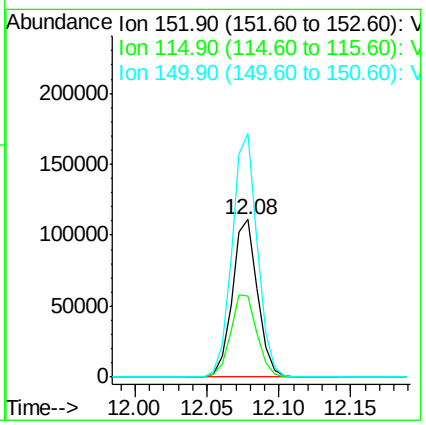


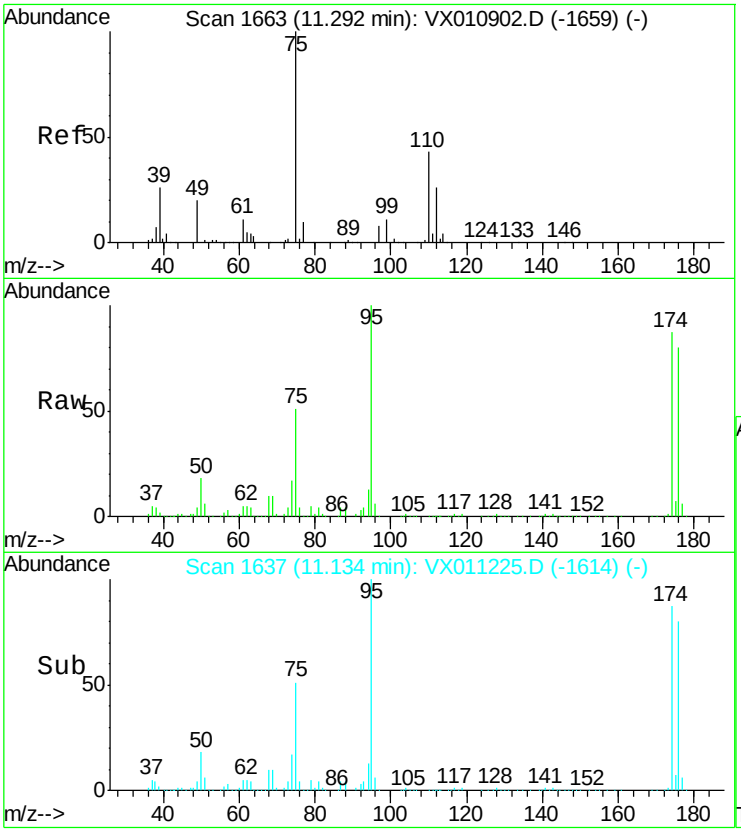


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion:152 Resp: 136006

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.7	119.1
150	154.8	0.0	345.6



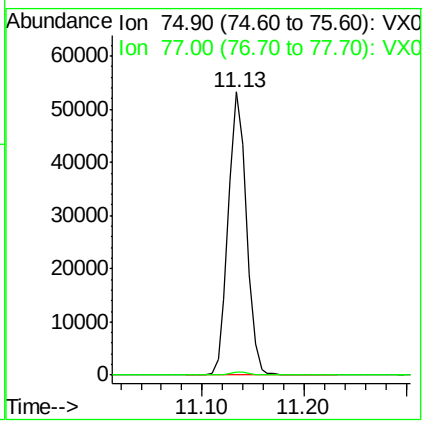


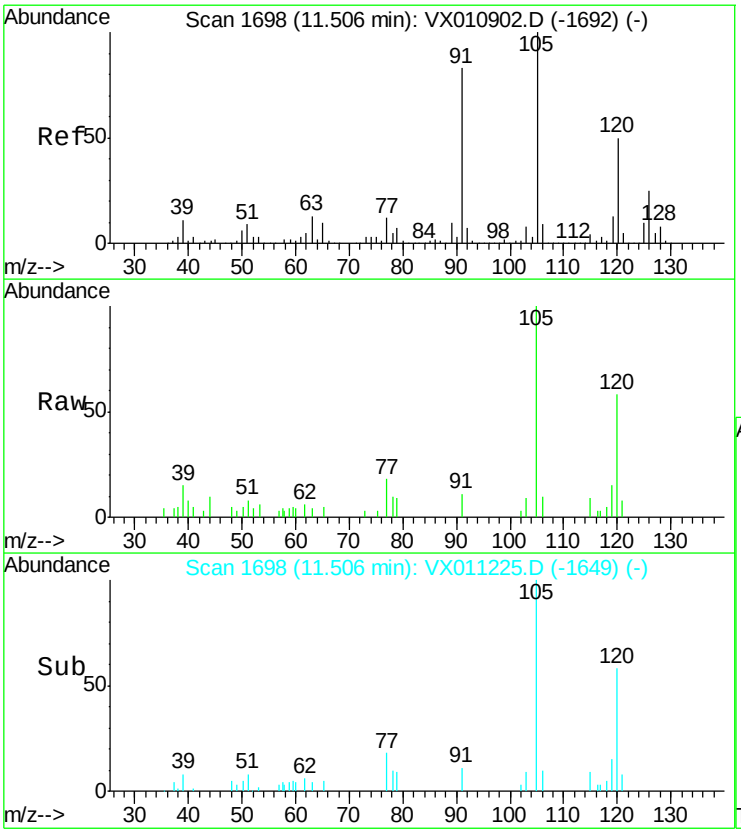
#76
1,2,3-Trichloropropane
Concen: 26.669 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 75 Resp: 65454

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.3	64.0#

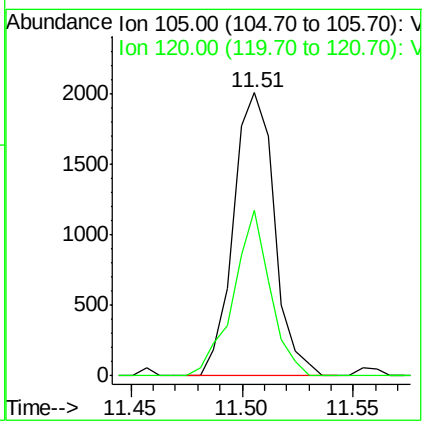


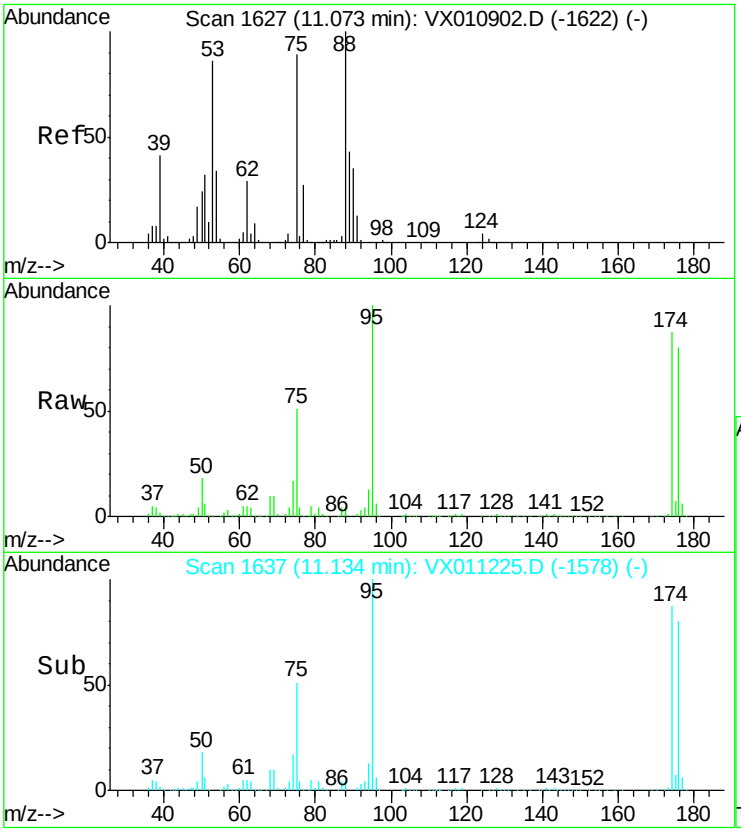


#80
1,3,5-Trimethylbenzene
Concen: 0.336 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Tgt Ion:105 Resp: 2583

Ion	Ratio	Lower	Upper
105	100		
120	52.6	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 66.169 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011225.D
Acq: 31 Jul 2019 03:48

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#05

Tgt Ion: 75 Resp: 65454

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.5	57.7#