Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
Data File : VX011370.D
Acq On : 07 Aug 2019 18:04
Operator : JC/SP
Sample : K4220-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-28B_080619

Quant Time: Aug 08 07:06:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	90680	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.52%			
35) Dibromofluoromethane	5.49	113	82744	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
50) Toluene-d8	8.71	98	319489	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.92%			
62) 4-Bromofluorobenzene	11.13	95	113582	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.50%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	787	0.567	ug/l	90
6) Chloroethane	1.71	64	303	Below Cal	#	48
11) Tert butyl alcohol	3.03	59	849	2.664	ug/l #	59
16) Acetone	2.43	43	3089	4.026	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	3380	0.788	ug/l	99
20) Methylene Chloride	2.85	84	481	0.286	ug/l #	66
25) 2-Butanone	4.69	43	533	0.488	ug/l #	46
27) cis-1,2-Dichloroethene	4.59	96	881	0.497	ug/l	98
29) Tetrahydrofuran	5.13	42	304	0.454	ug/l #	47
31) Cyclohexane	5.66	56	3055	1.472	ug/l #	37
36) 1,1-Dichloropropene	5.65	75	10376	4.580	ug/l #	43
38) Carbon Tetrachloride	5.65	117	14926	6.548	ug/l #	15
44) Trichloroethene	7.21	130	10515	5.138	ug/l	98
49) 1,4-Dioxane	7.87	88	50	1.009	ug/l #	1
53) t-1,3-Dichloropropene	8.96	75	42	2.854	ug/l #	43
55) 1,1,2-Trichloroethane	9.33	97	5682	3.092	ug/l #	5
60) Dibromochloromethane	9.34	129	614206	326.427	ug/l #	10
64) Tetrachloroethene	9.34	164	673812	316.821	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	58015	26.983	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	58015	70.055	ug/l #	10

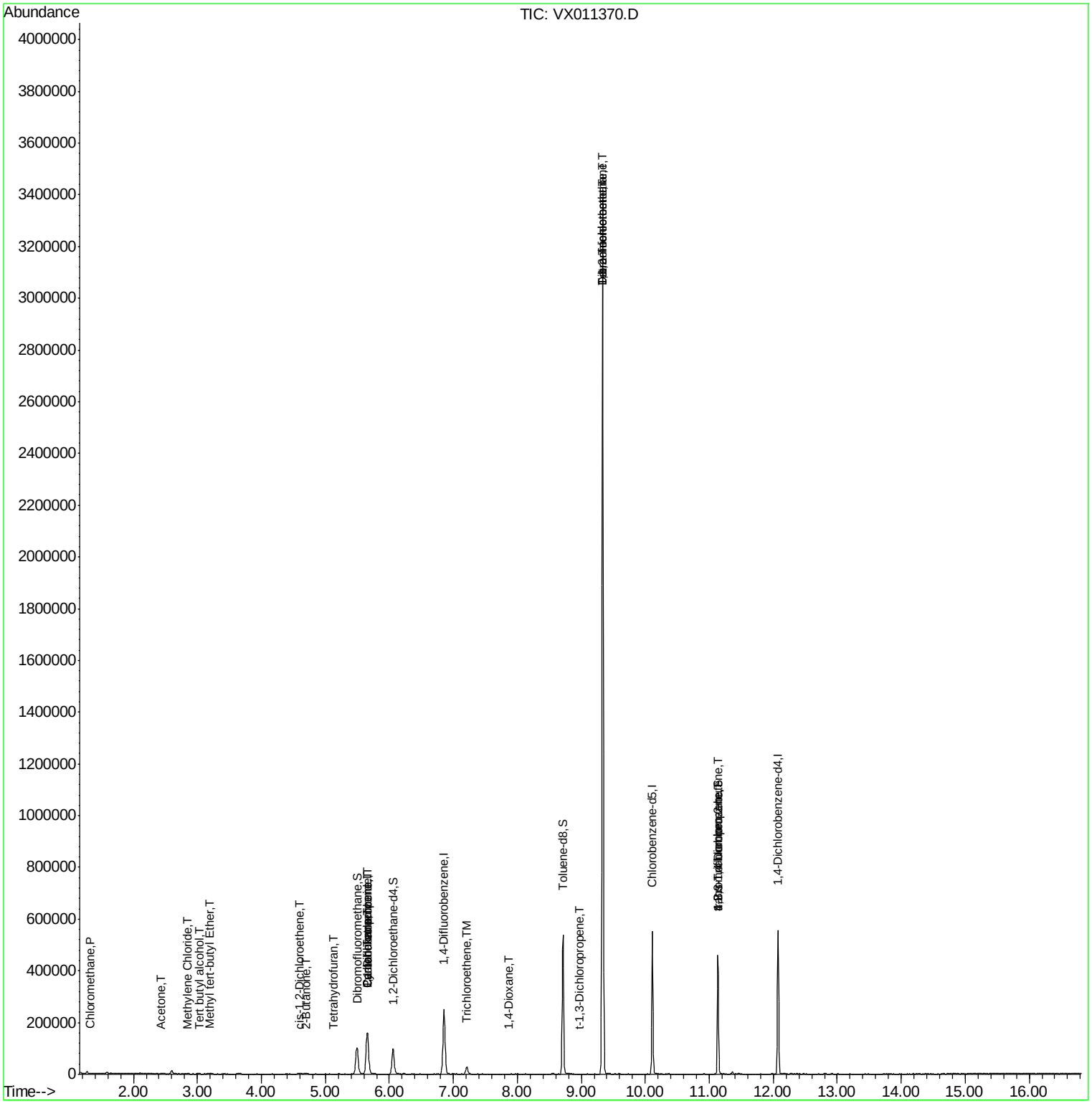
(#) = qualifier out of range (m) = manual integration (+) = signals summed

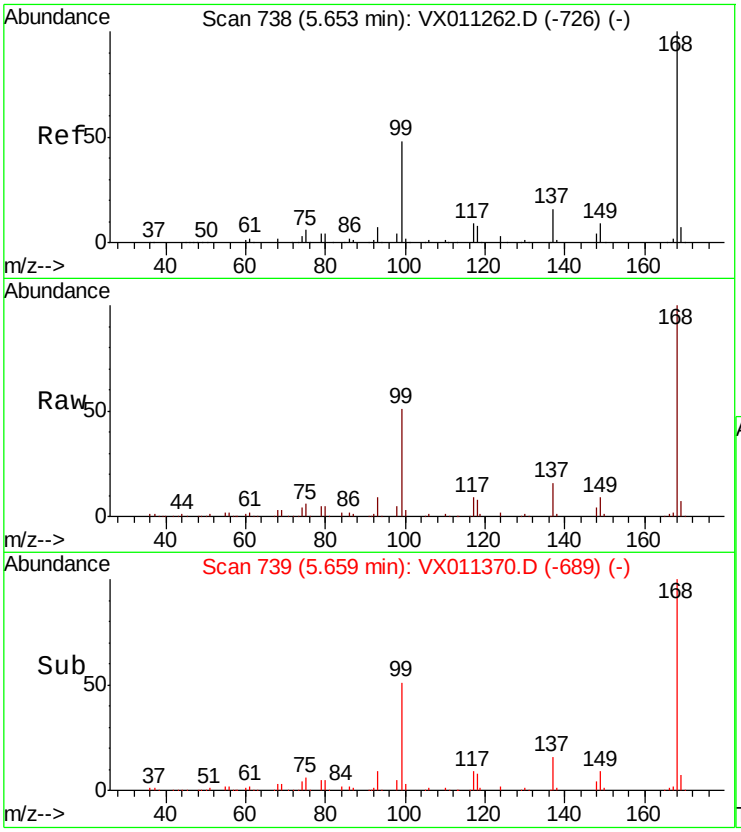
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
Data File : VX011370.D
Acq On : 07 Aug 2019 18:04
Operator : JC/SP
Sample : K4220-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Quant Time: Aug 08 07:06:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



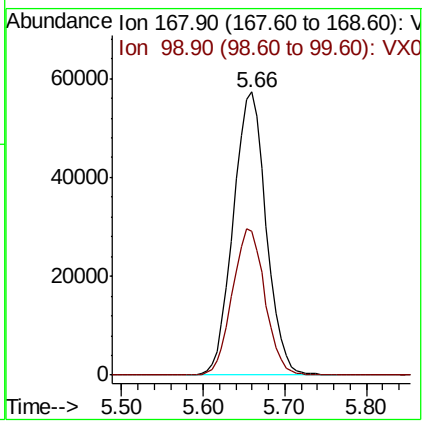


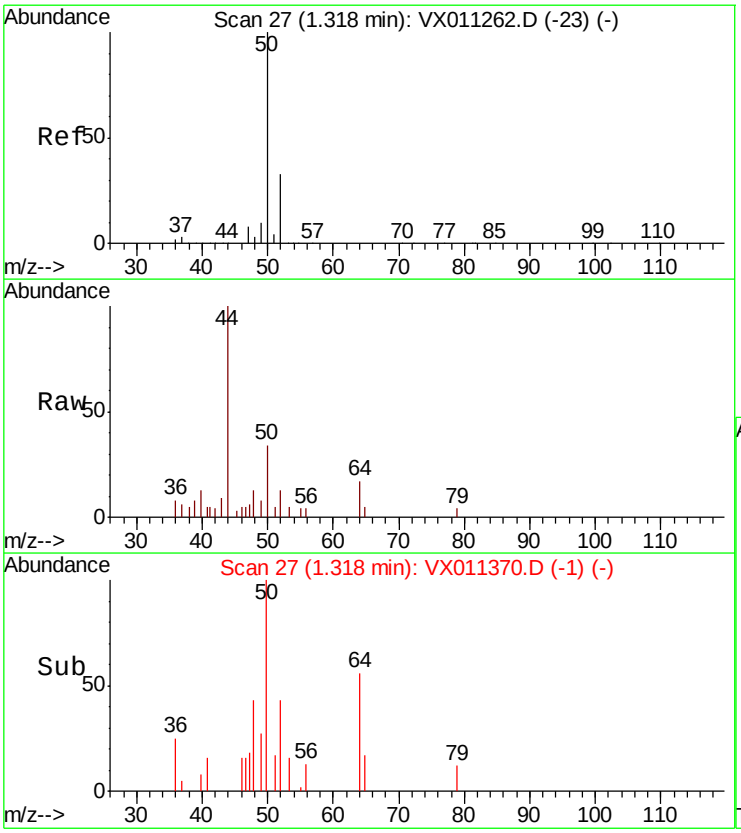
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion:168 Resp: 160052

Ion	Ratio	Lower	Upper
168	100		
99	51.1	38.5	57.7

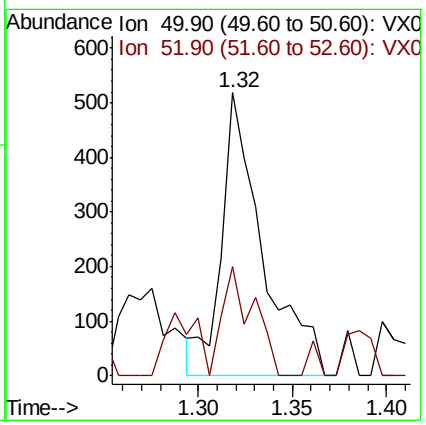


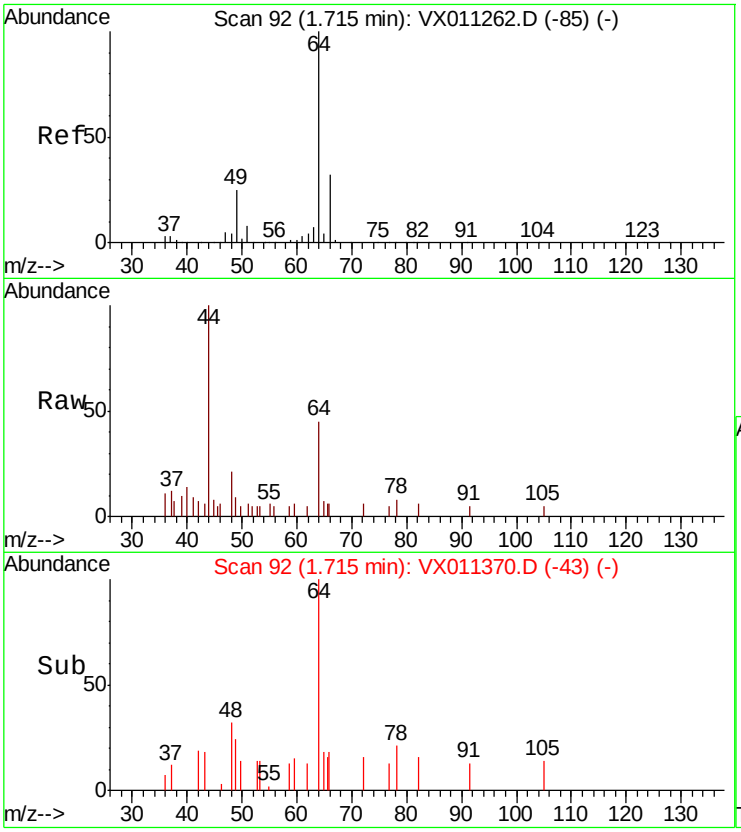


#3
Chloromethane
Concen: 0.567 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 50 Resp: 787

Ion	Ratio	Lower	Upper
50	100		
52	38.8	26.4	39.6



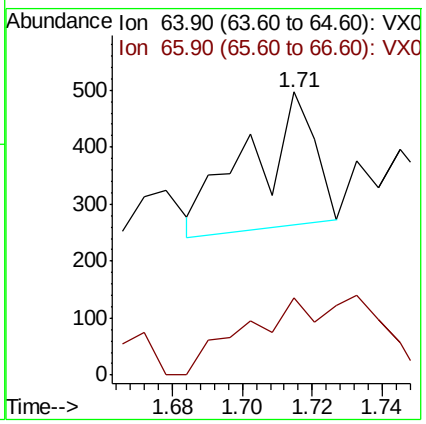


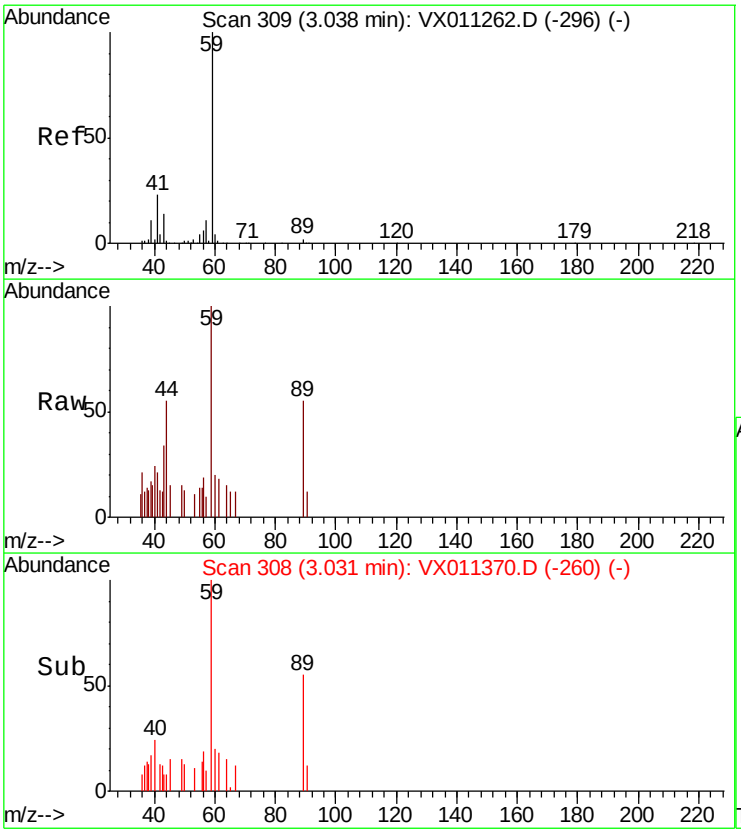
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 64 Resp: 303

Ion	Ratio	Lower	Upper
64	100		
66	60.0	25.1	37.7#

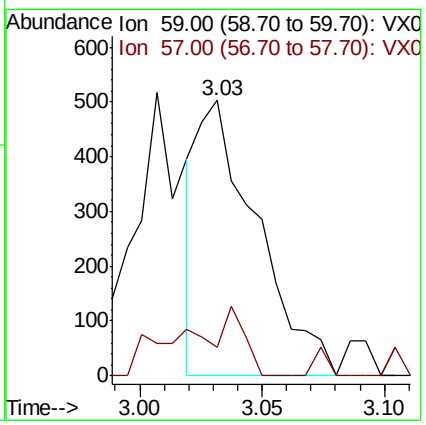


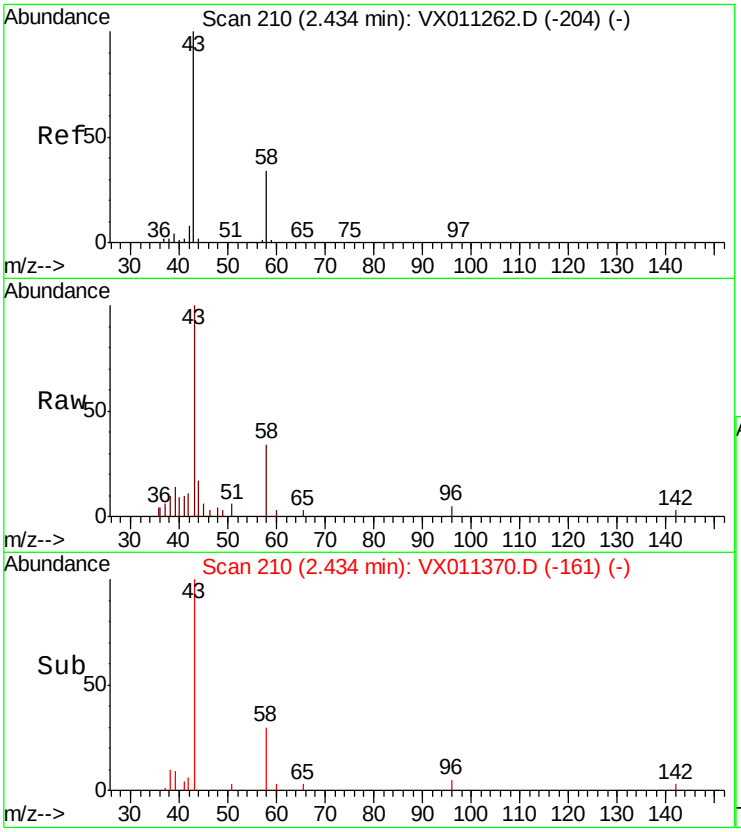


#11
Tert butyl alcohol
Concen: 2.664 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 59 Resp: 849

Ion	Ratio	Lower	Upper
59	100		
57	25.7	8.3	12.5#



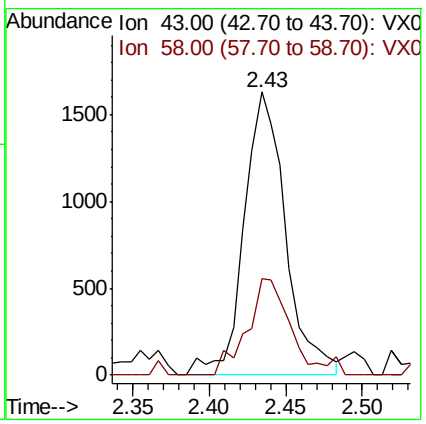


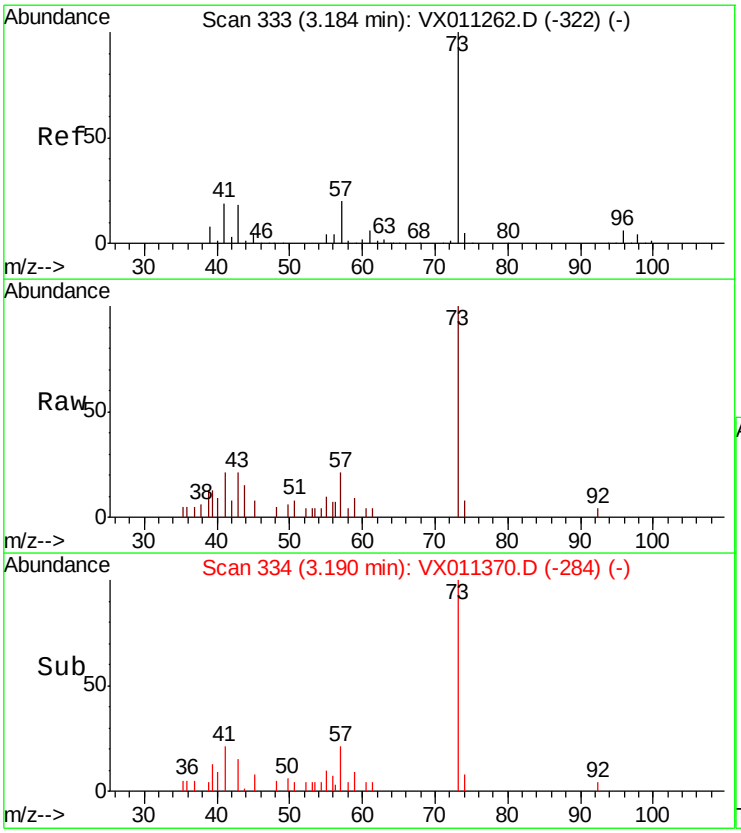
#16
Acetone
Concen: 4.026 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 43 Resp: 3089

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.4	41.0

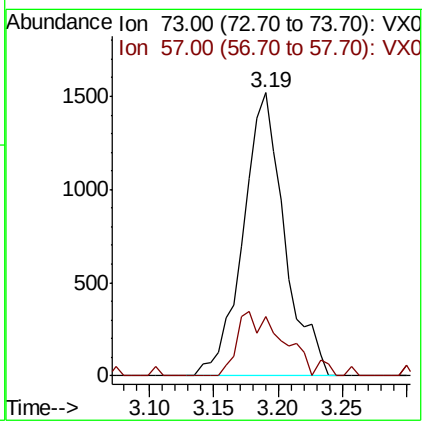


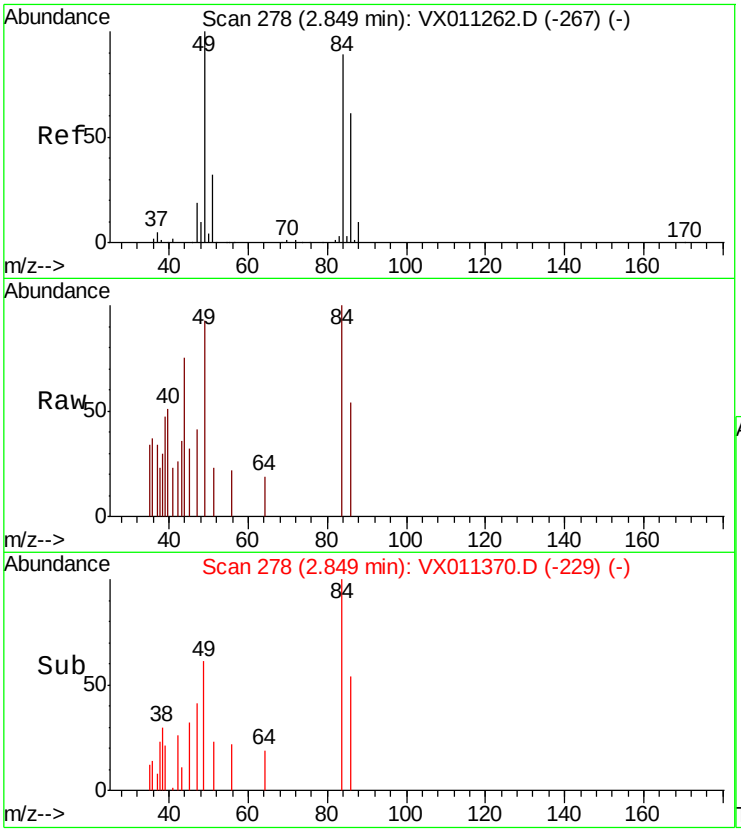


#19
Methyl tert-butyl Ether
Concen: 0.788 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 73 Resp: 3380

Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.2



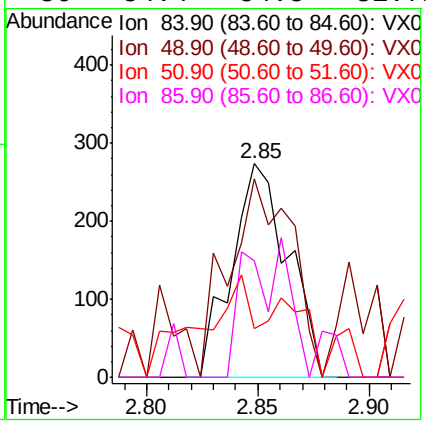


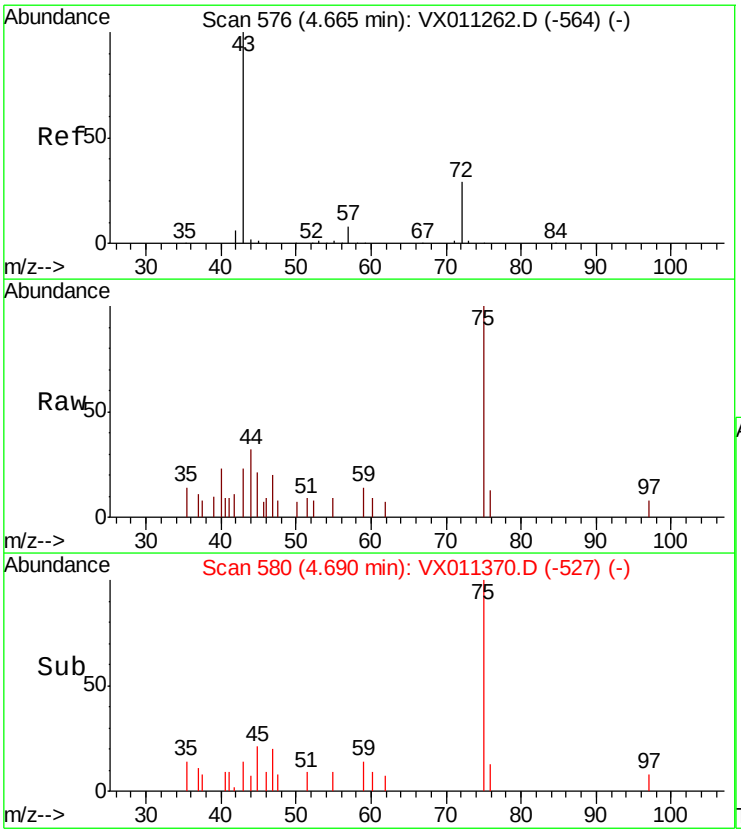
#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 84 Resp: 481

Ion	Ratio	Lower	Upper
84	100		
49	70.4	89.3	133.9#
51	4.0	28.3	42.5#
86	54.4	54.5	81.7#

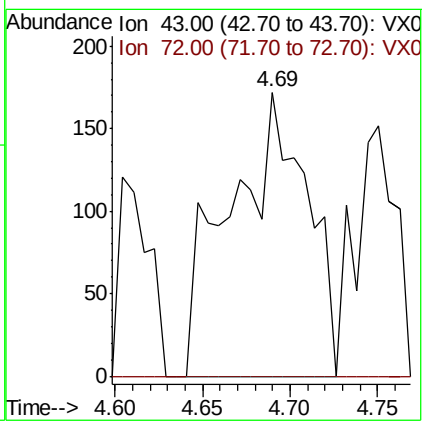


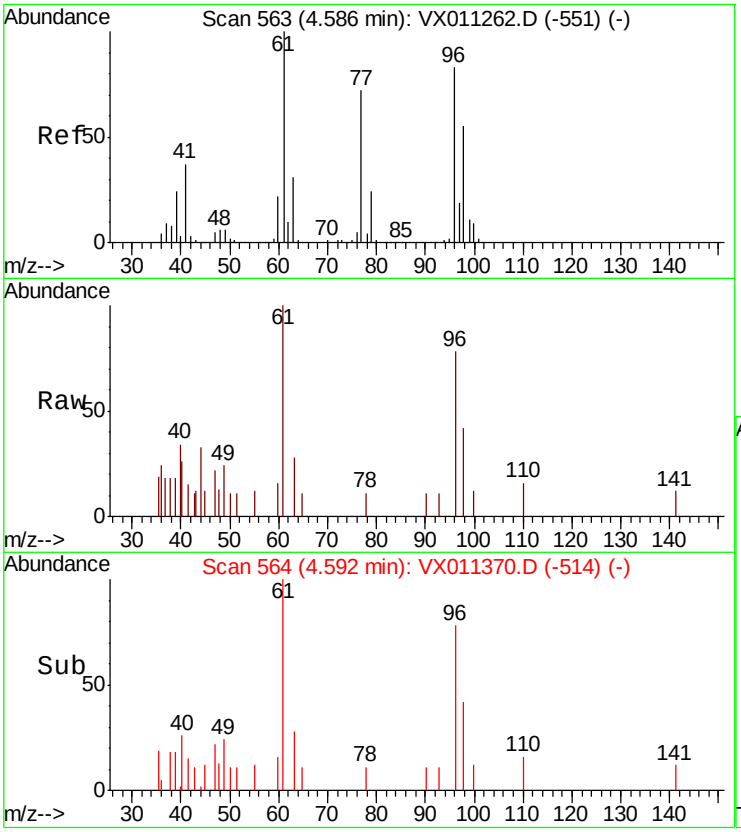


#25
2-Butanone
Concen: 0.488 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 43 Resp: 533

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#



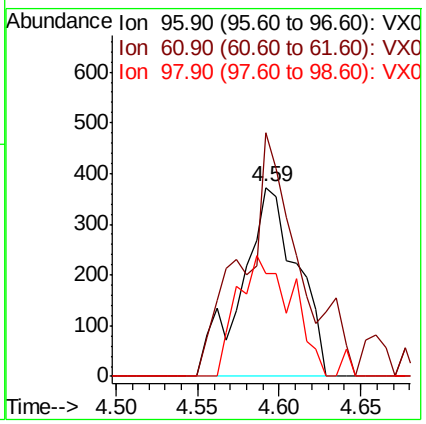


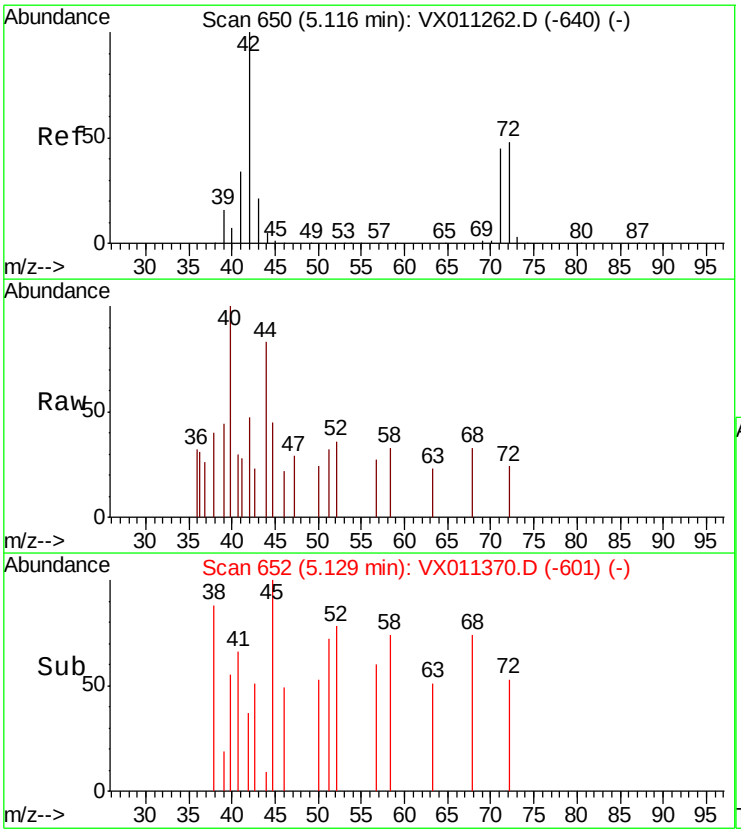
#27
cis-1,2-Dichloroethene
Concen: 0.497 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 96 Resp: 881

Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	260.2
98	62.9	0.0	133.2

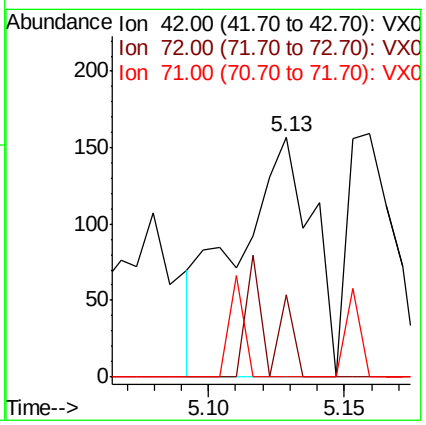


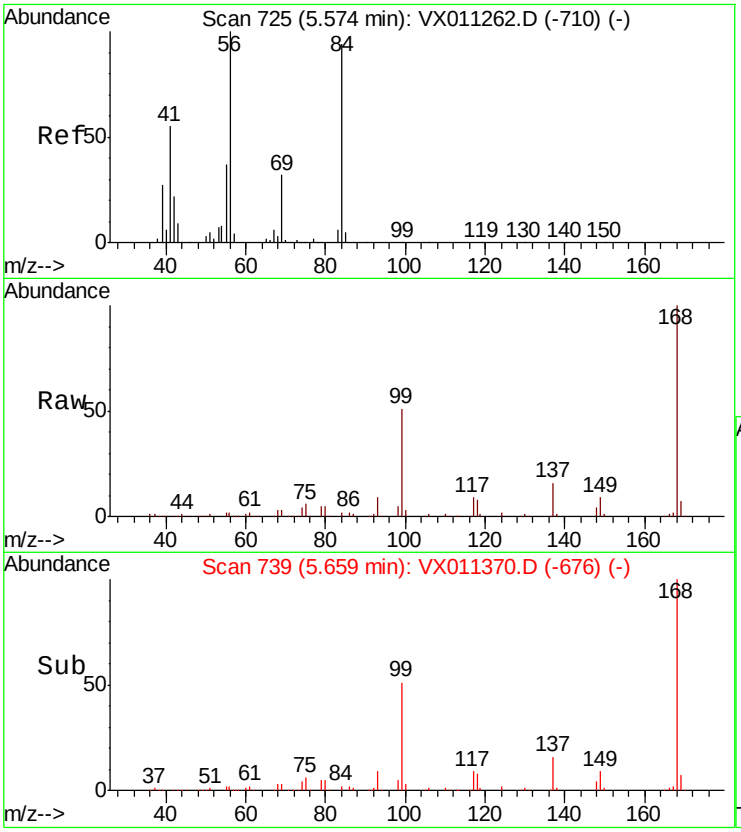


#29
Tetrahydrofuran
Concen: 0.454 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 42 Resp: 304

Ion	Ratio	Lower	Upper
42	100		
72	16.1	39.9	59.9#
71	7.9	36.9	55.3#



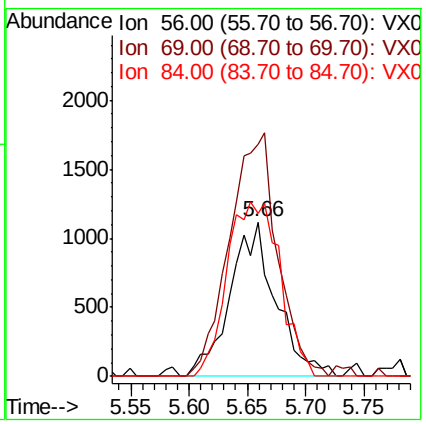


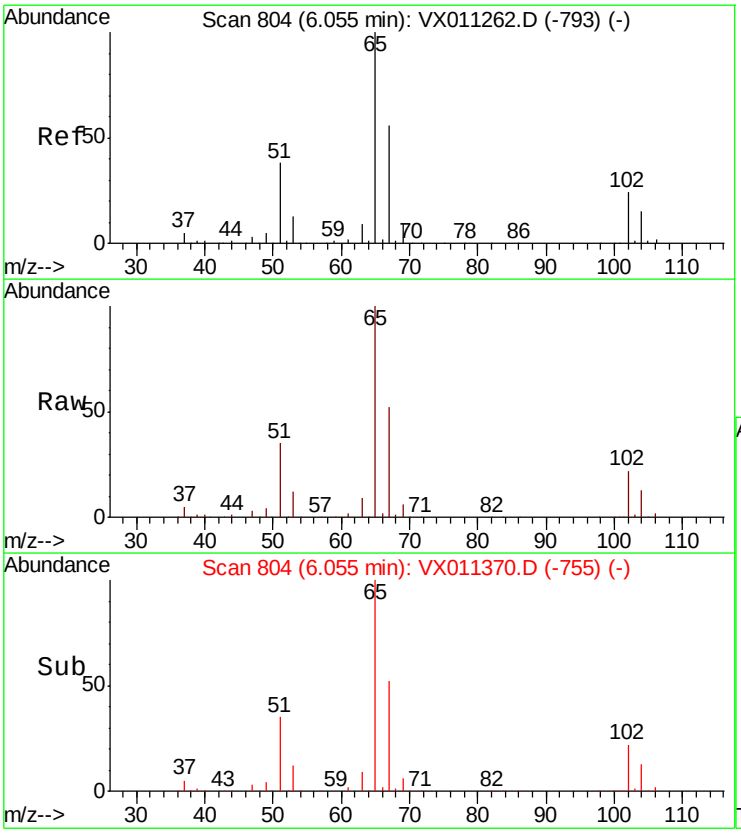
#31
Cyclohexane
Concen: 1.472 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 56 Resp: 3055

Ion	Ratio	Lower	Upper
56	100		
69	150.3	25.5	38.3#
84	105.7	75.0	112.4

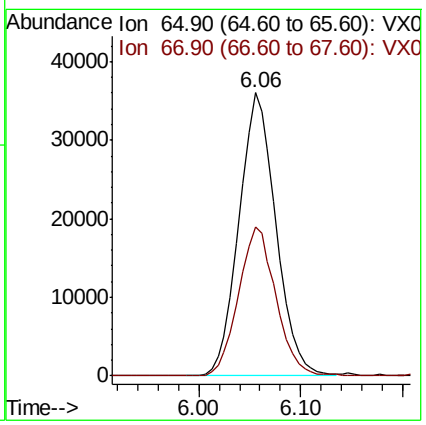


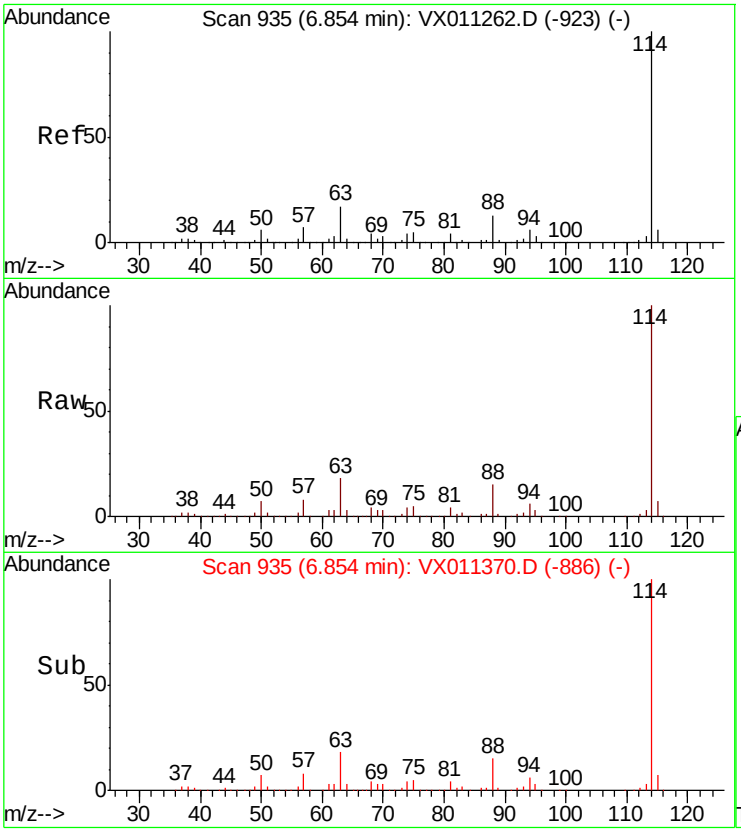


#33
1,2-Dichloroethane-d4
Concen: 56.260 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 65 Resp: 90680

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	110.6



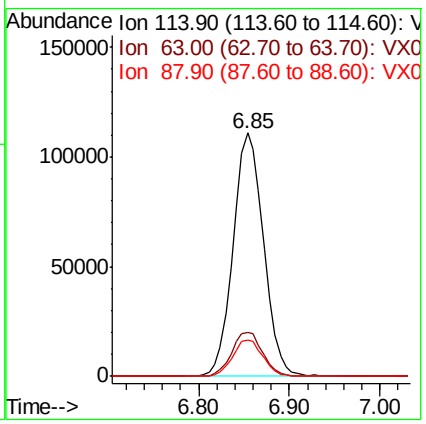


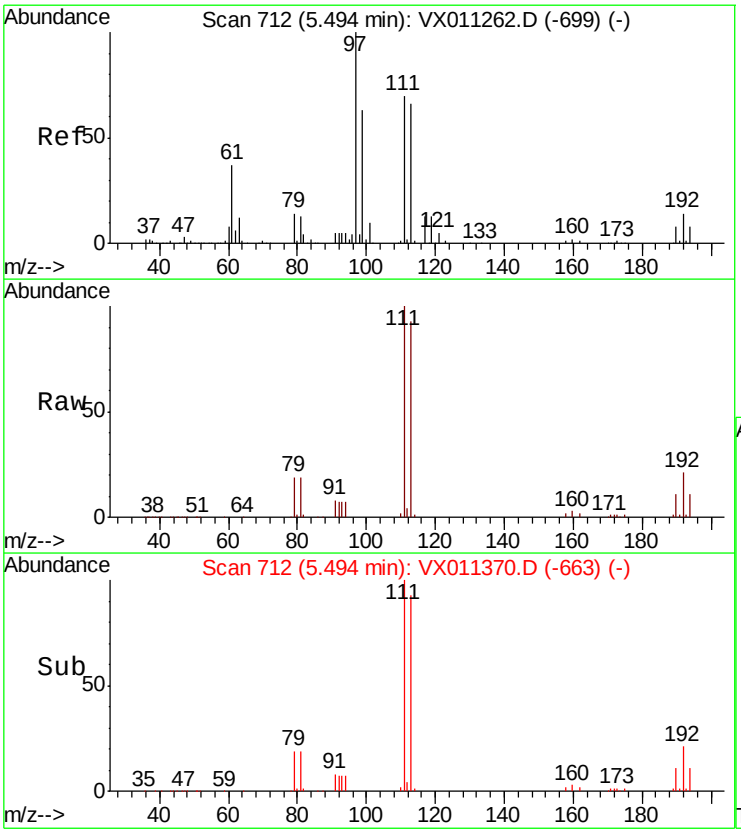
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion:114 Resp: 259488

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.0
88	14.7	0.0	26.4

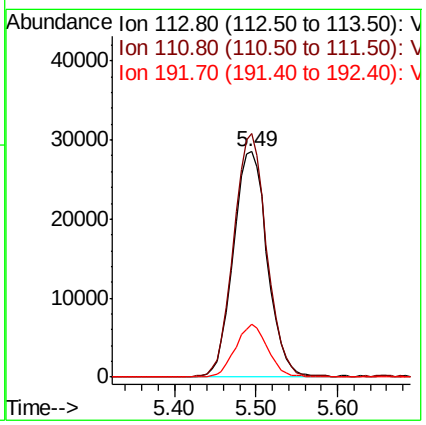


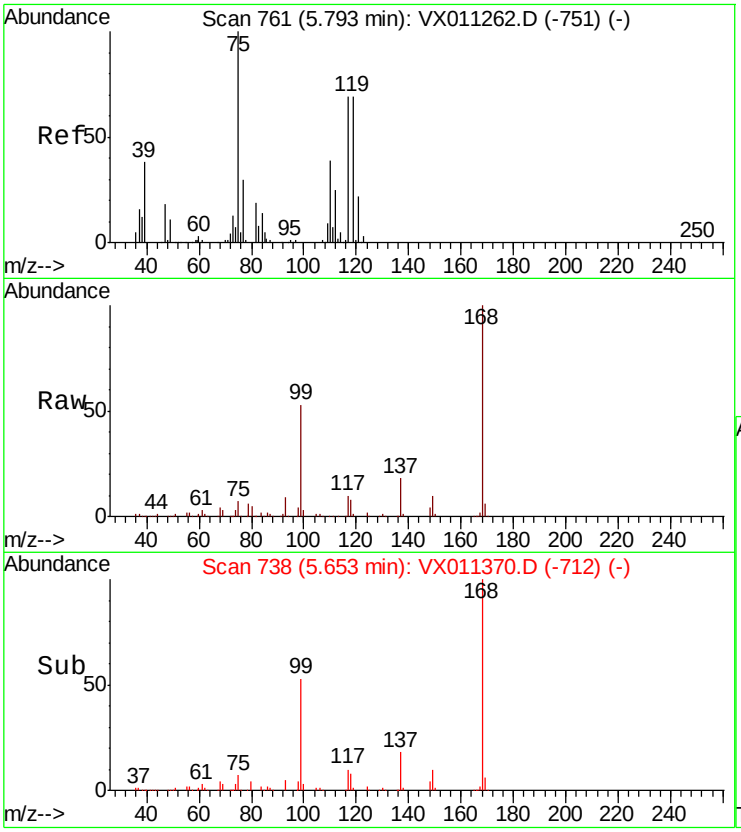


#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion:113 Resp: 82744

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.9	122.9
192	22.2	17.8	26.8



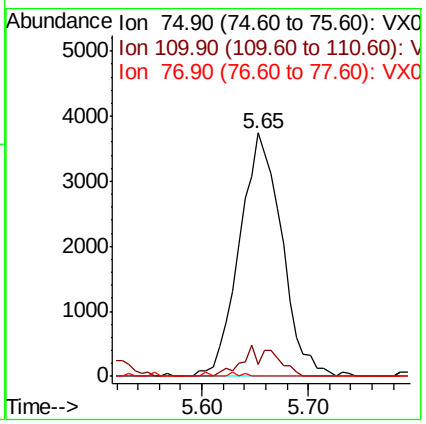


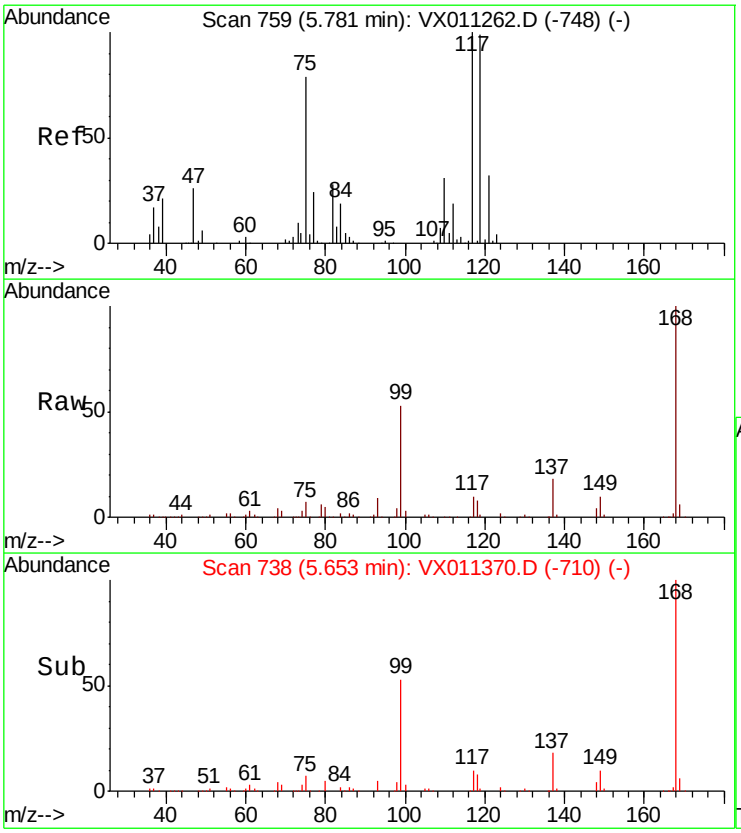
#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 75 Resp: 10376

Ion	Ratio	Lower	Upper
75	100		
110	4.8	20.0	59.9#
77	0.0	24.8	37.2#

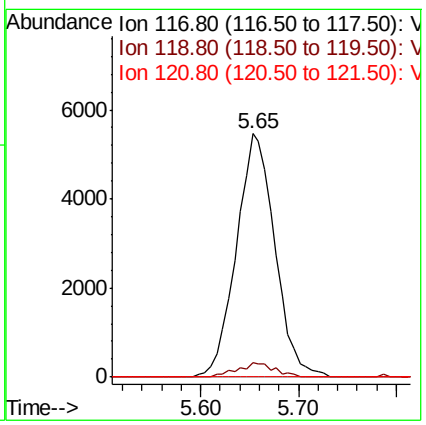


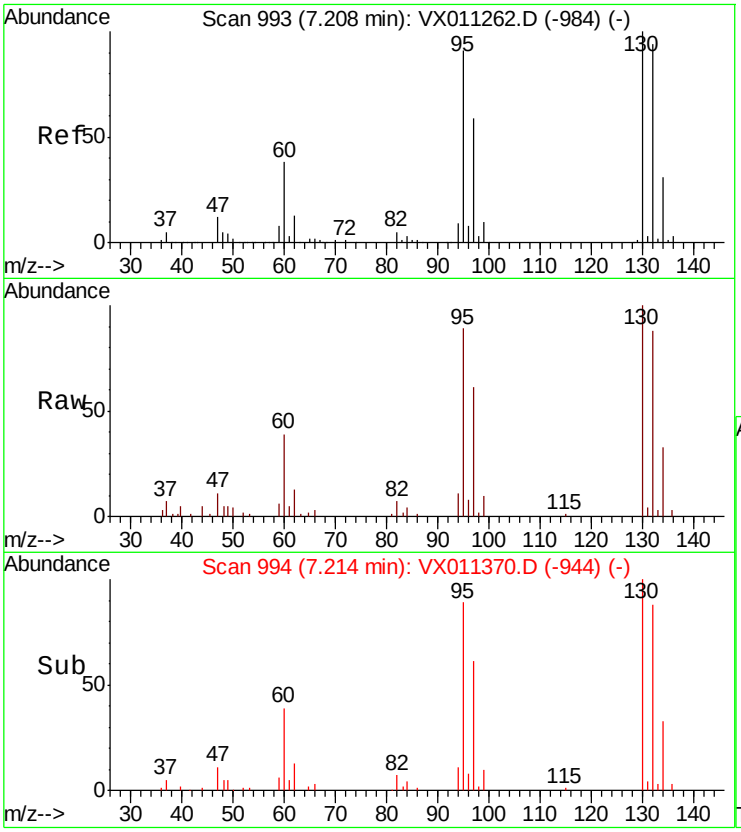


#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion:117 Resp: 14926

Ion	Ratio	Lower	Upper
117	100		
119	6.1	79.0	118.4#
121	0.0	25.9	38.9#



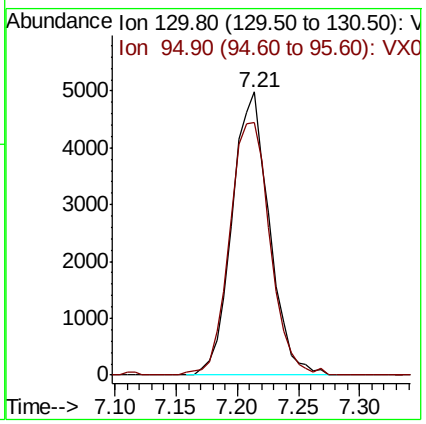


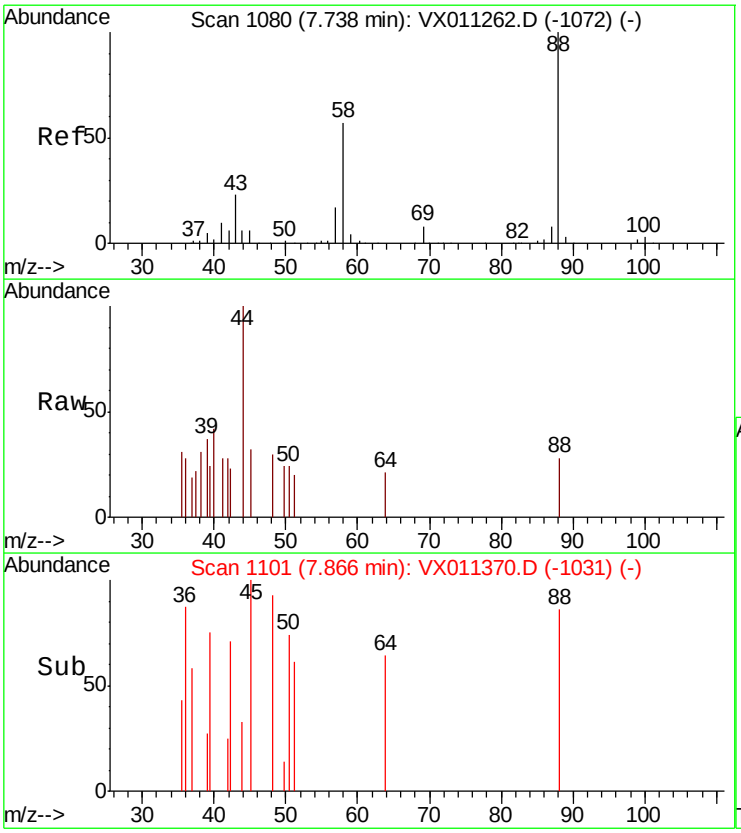
#44
Trichloroethene
Concen: 5.138 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion:130 Resp: 10515

Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	182.6

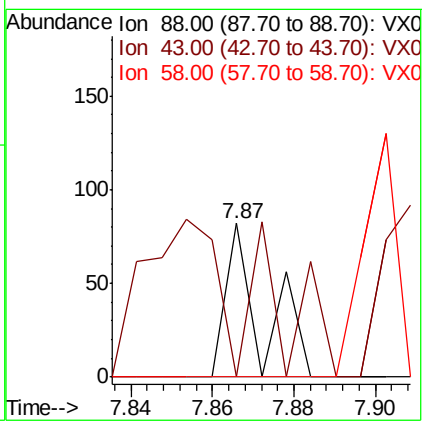


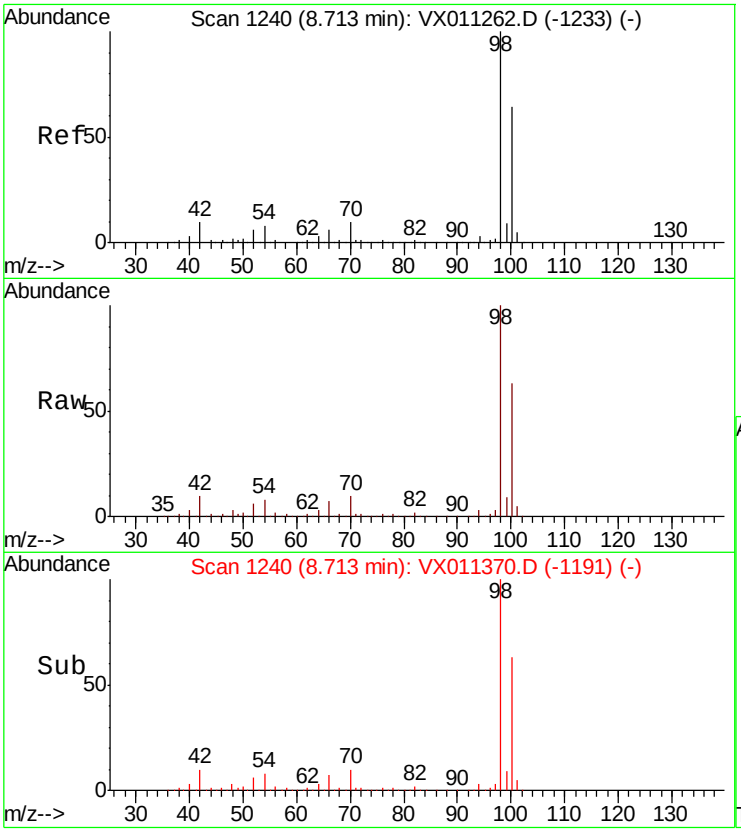


#49
1,4-Dioxane
Concen: 1.009 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	106.0	22.2	33.2#
58	0.0	47.8	71.8#



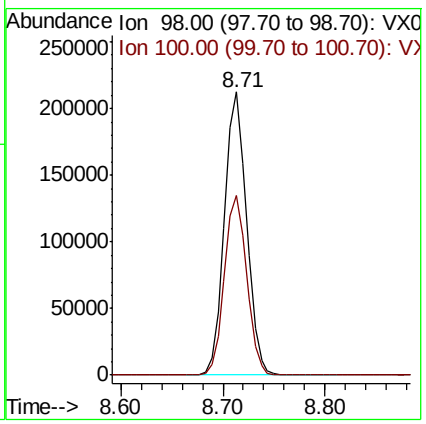


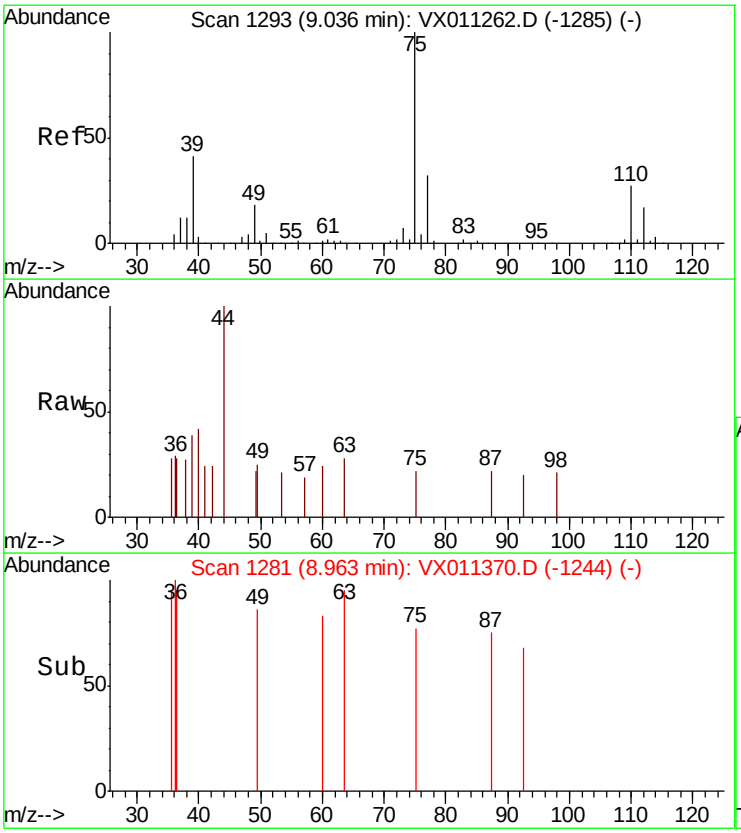
#50
Toluene-d8
Concen: 49.960 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 98 Resp: 319489

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5

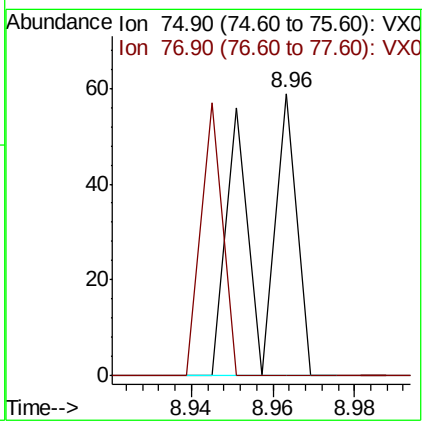


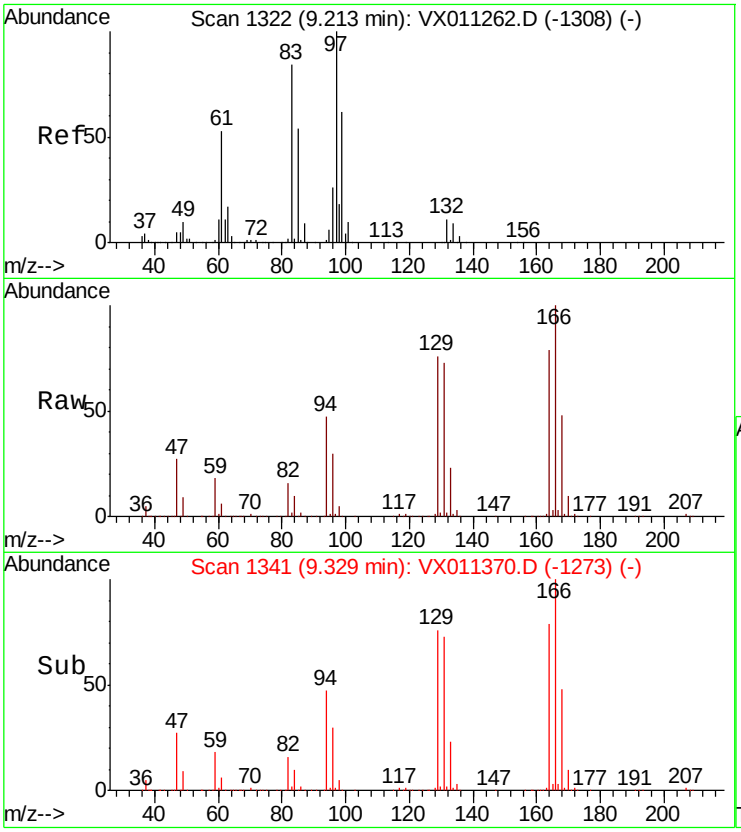


#53
t-1,3-Dichloropropene
Concen: 2.854 ug/l
RT: 8.96 min Scan# 1281
Delta R.T. -0.07 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 75 Resp: 42

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



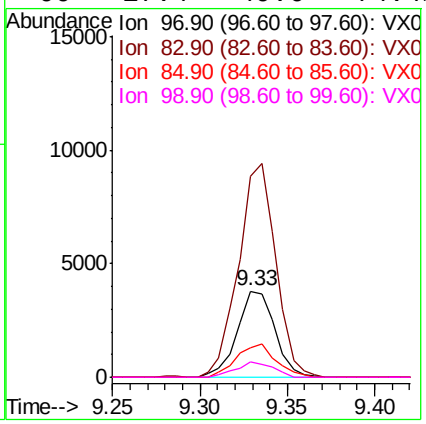


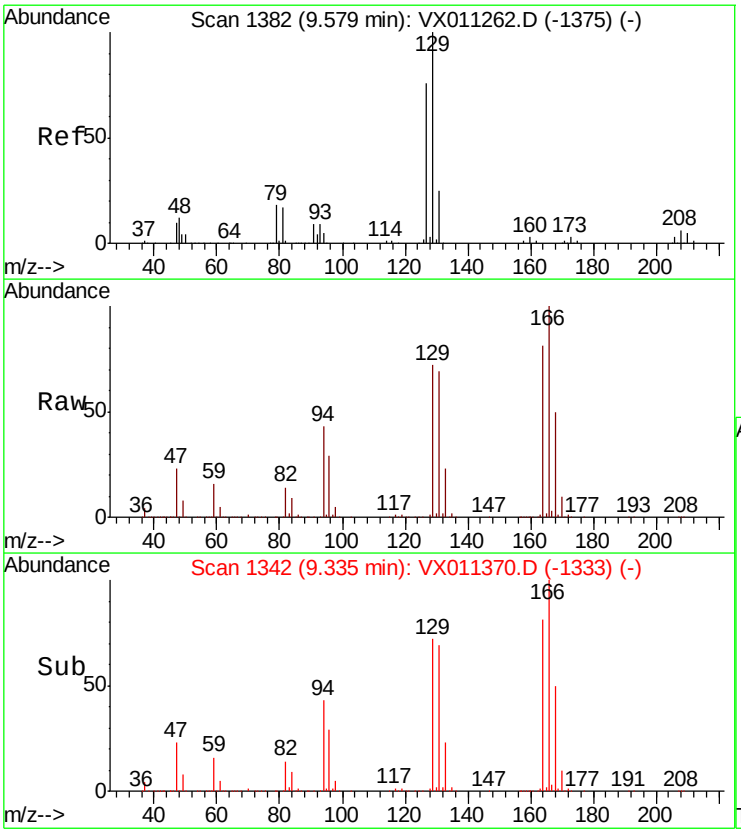
#55
1,1,2-Trichloroethane
Concen: 3.092 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.12 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 97 Resp: 5682

Ion	Ratio	Lower	Upper
97	100		
83	233.6	67.6	101.4#
85	33.9	43.4	65.0#
99	17.4	49.6	74.4#

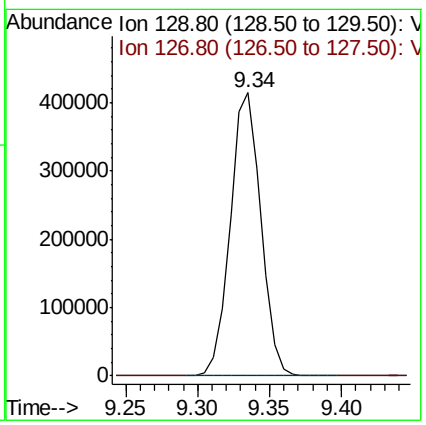


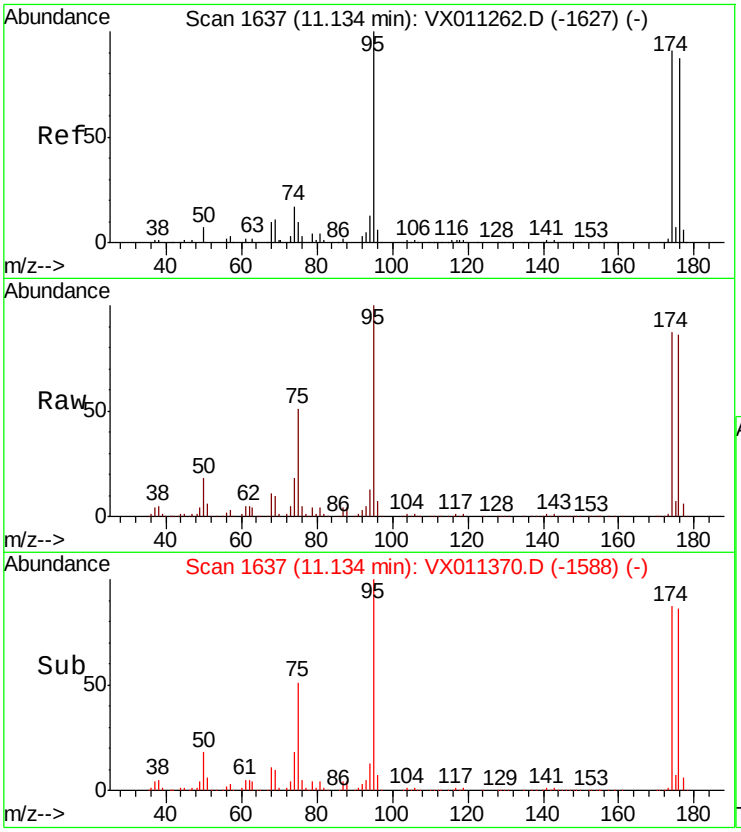


#60
Dibromochloromethane
Concen: 326.427 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion:129 Resp: 614206

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.2	117.6#



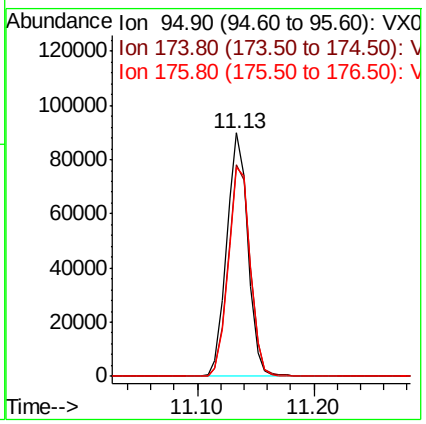


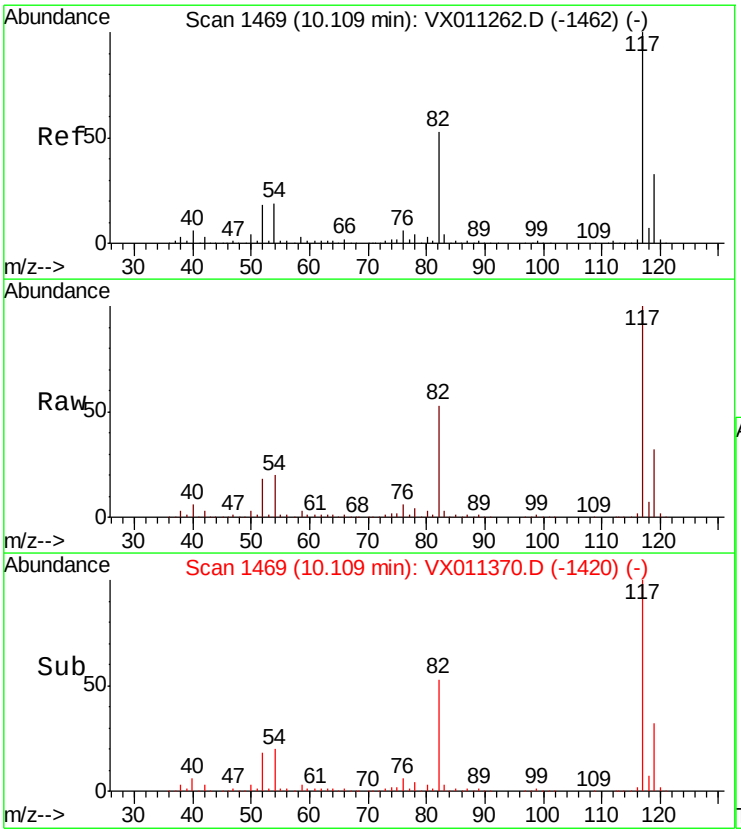
#62
4-Bromofluorobenzene
Concen: 49.748 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 95 Resp: 113582

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	191.2
176	89.0	0.0	184.8

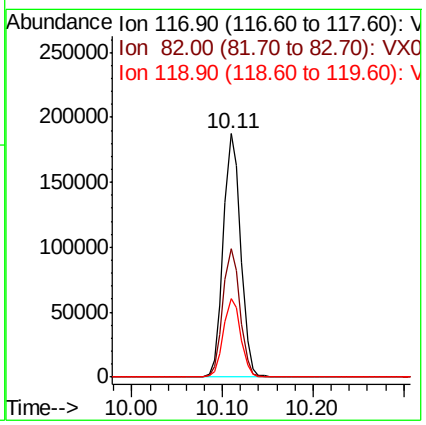


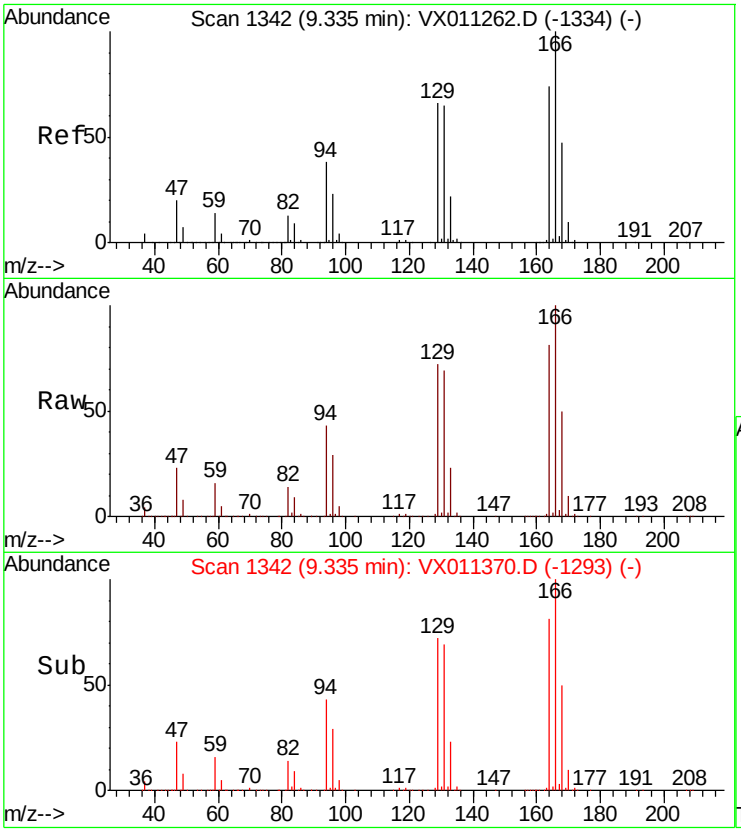


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion:117 Resp: 250435

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.2	63.2
119	32.3	26.6	39.8



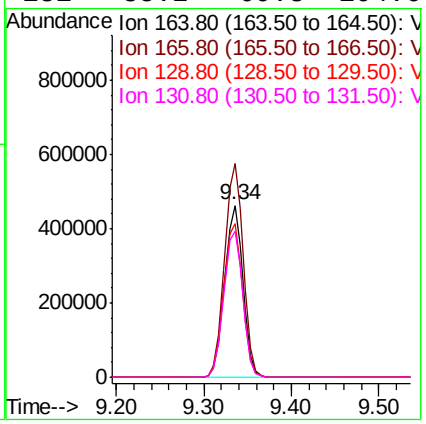


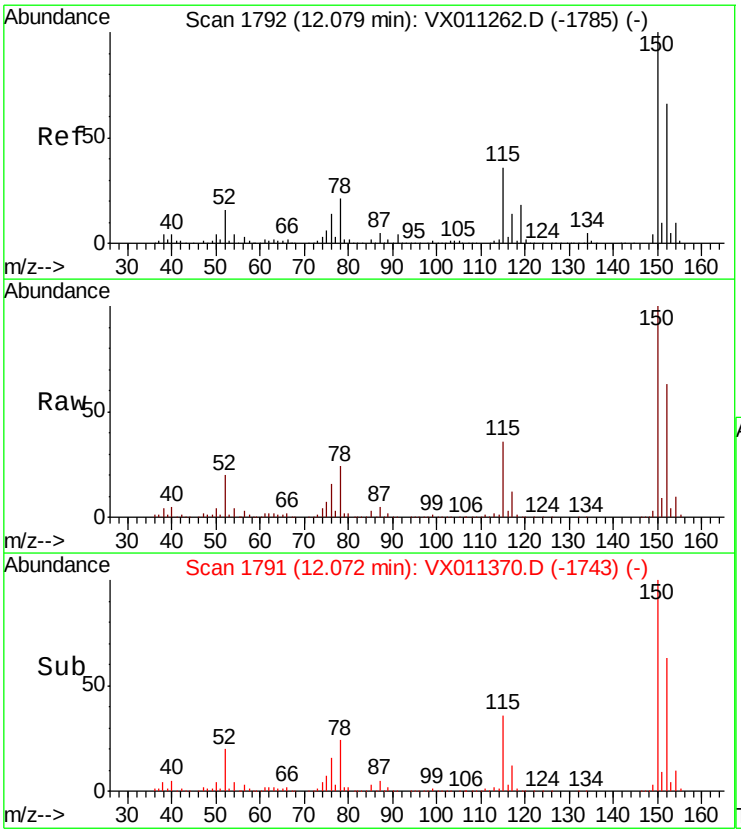
#64
Tetrachloroethene
Concen: 316.821 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion:164 Resp: 673812

Ion	Ratio	Lower	Upper
164	100		
166	124.2	107.5	161.3
129	89.4	71.0	106.4
131	85.2	69.8	104.6

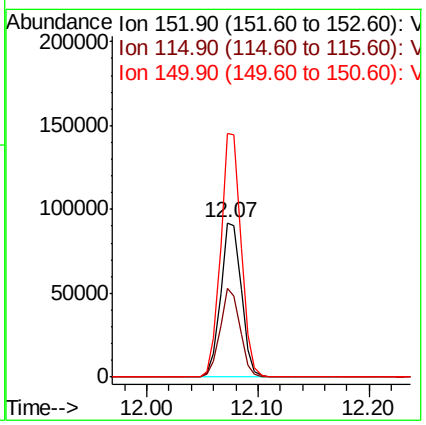


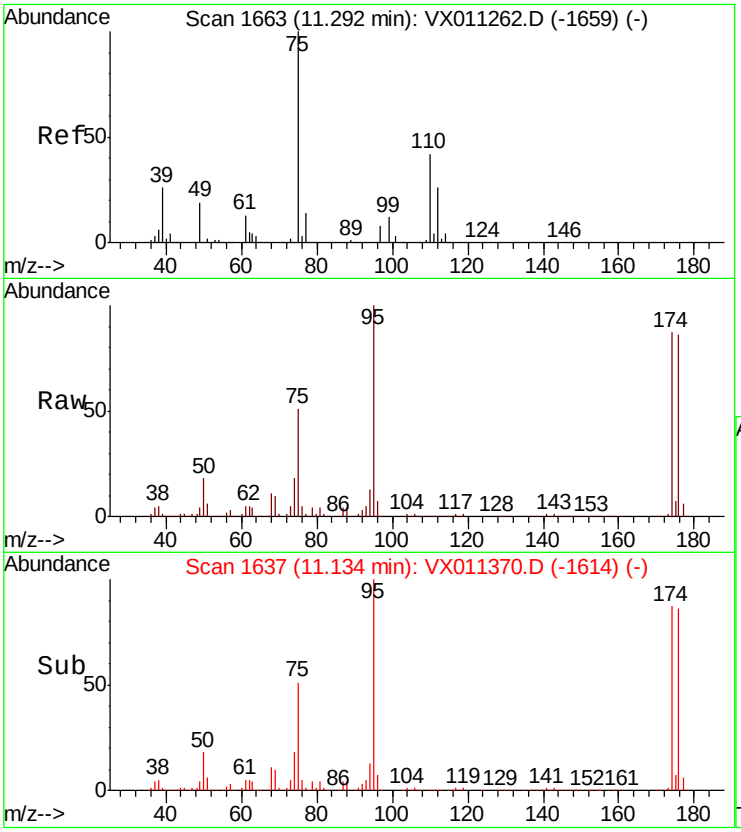


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion:152 Resp: 118063

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.0	119.9
150	156.5	0.0	350.4



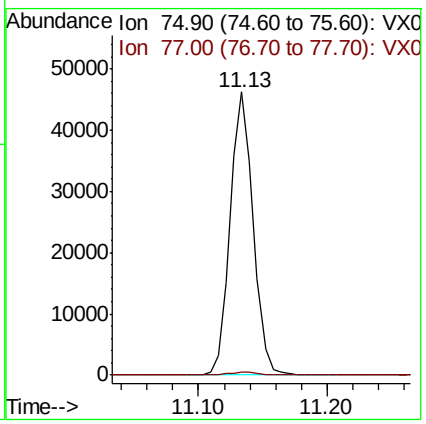


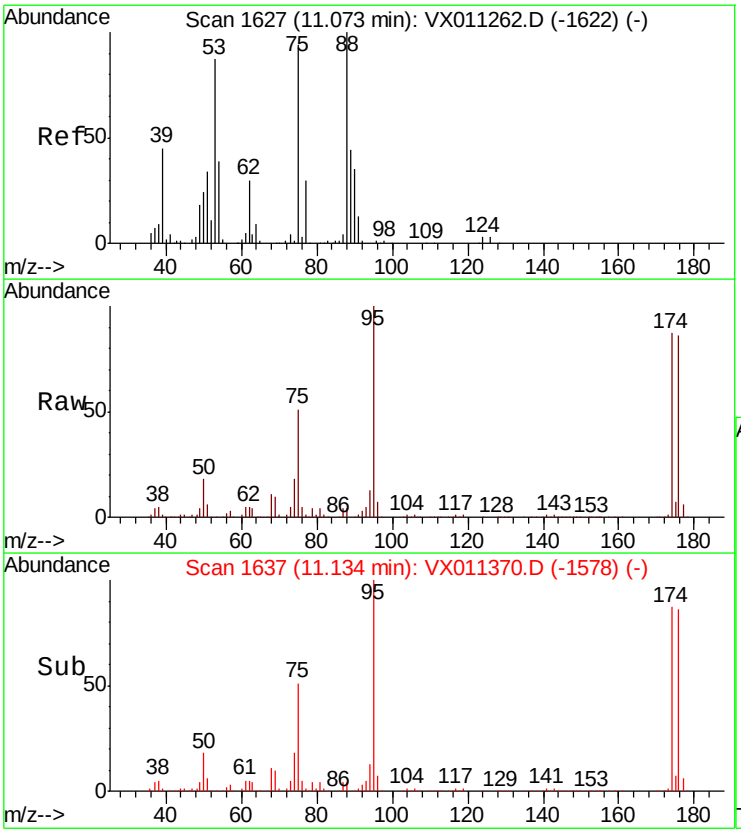
#76
1,2,3-Trichloropropane
Concen: 26.983 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tgt Ion: 75 Resp: 58015

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.055 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 75 Resp: 58015

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.0	37.9	56.9#