Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007891.D
Acq On : 07 Mar 2019 18:31
Operator : JC/SP
Sample : K1793-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE126D2-20190306

Quant Time: Mar 08 04:44:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	418971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157037	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.30%			
35) Dibromofluoromethane	5.51	113	146468	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
50) Toluene-d8	8.71	98	537693	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.06%			
62) 4-Bromofluorobenzene	11.13	95	197628	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.04%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	645	0.205	ug/l	97
5) Bromomethane	1.64	94	116	Below Cal		85
6) Chloroethane	1.64	64	1605	0.774	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1581	0.627	ug/l	98
11) Tert butyl alcohol	3.02	59	2772	4.116	ug/l #	79
12) 1,1-Dichloroethene	2.38	96	3152	1.298	ug/l	93
13) Acrolein	2.31	56	19	1.591	ug/l #	54
16) Acetone	2.45	43	6158	3.533	ug/l	97
17) Carbon Disulfide	2.57	76	811	Below Cal	#	68
20) Methylene Chloride	2.85	84	654	0.236	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	5851	1.162	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	5318	1.739	ug/l	94
29) Tetrahydrofuran	5.15	42	486	0.316	ug/l #	35
30) Chloroform	5.21	83	1959	0.411	ug/l	95
31) Cyclohexane	5.67	56	4597	0.994	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	1535	0.388	ug/l #	46
36) 1,1-Dichloropropene	5.66	75	17773	4.419	ug/l #	48
38) Carbon Tetrachloride	5.79	117	2528	0.662	ug/l #	88
39) Methylcyclohexane	7.21	83	17460	3.583	ug/l #	1
44) Trichloroethene	7.21	130	1597354	484.107	ug/l	99
49) 1,4-Dioxane	7.76	88	894	11.719	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	980	0.331	ug/l	94
60) Dibromochloromethane	9.34	129	2258	0.730	ug/l #	11
64) Tetrachloroethene	9.34	164	2615	0.753	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	90458	21.326	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	90458	68.170	ug/l #	11

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Quant Time: Mar 08 04:44:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
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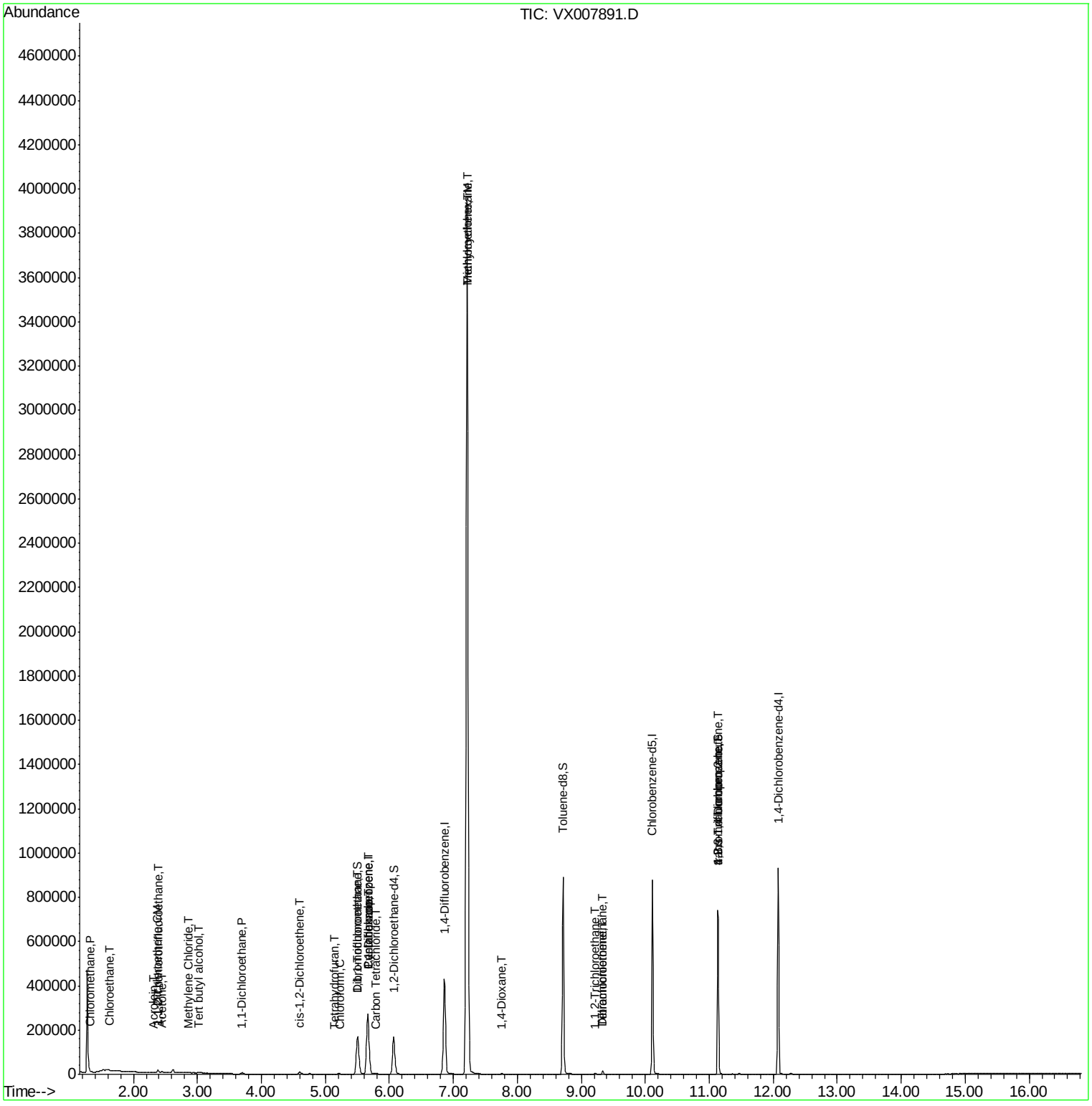
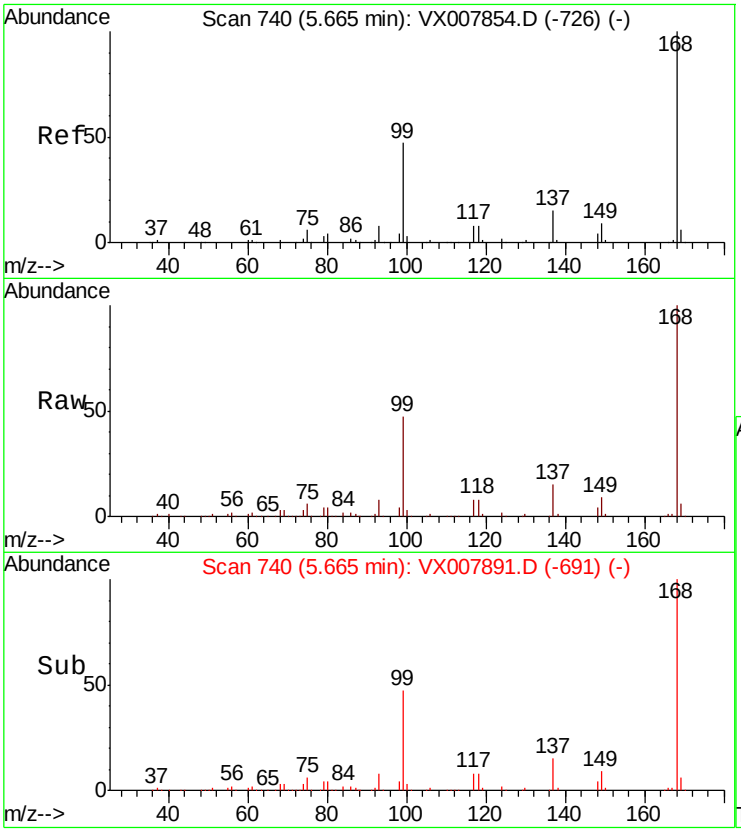
Response via : Initial Calibration



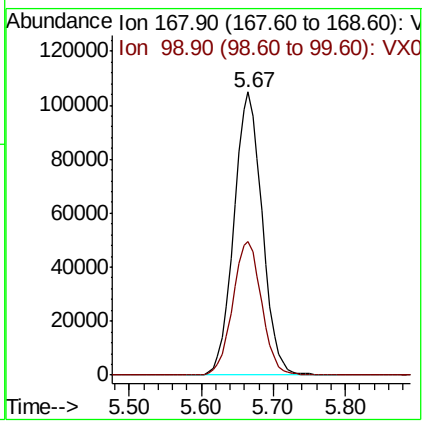


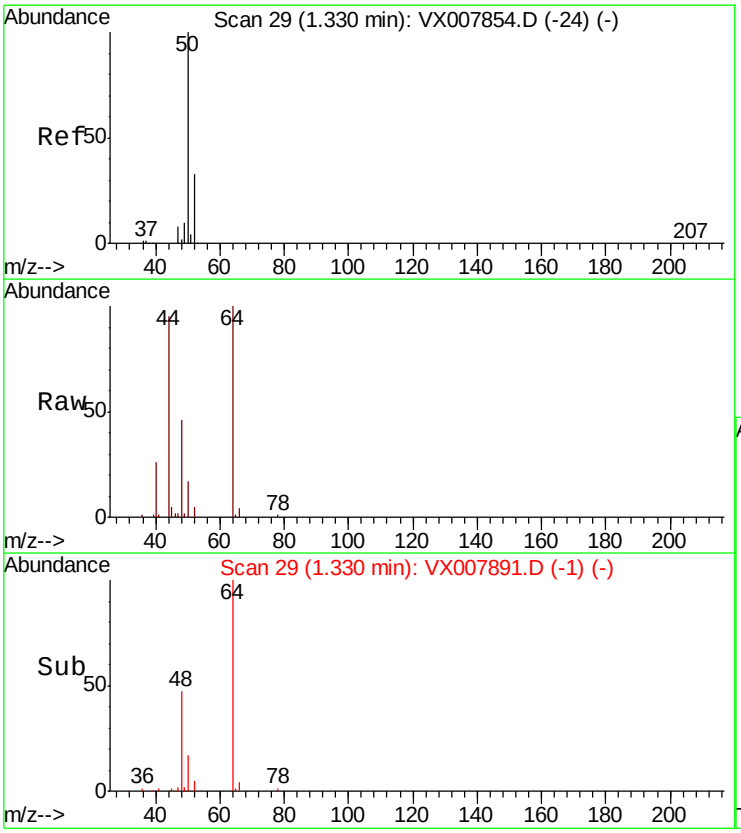
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion:168 Resp: 285456

Ion	Ratio	Lower	Upper
168	100		
99	47.3	37.6	56.4

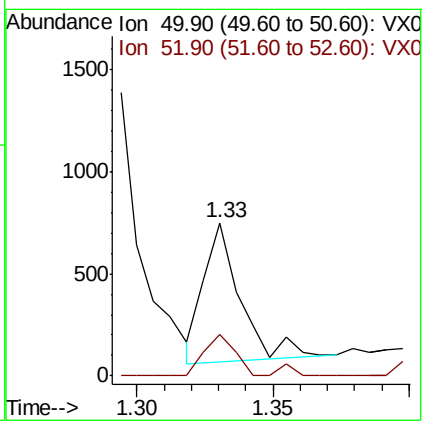


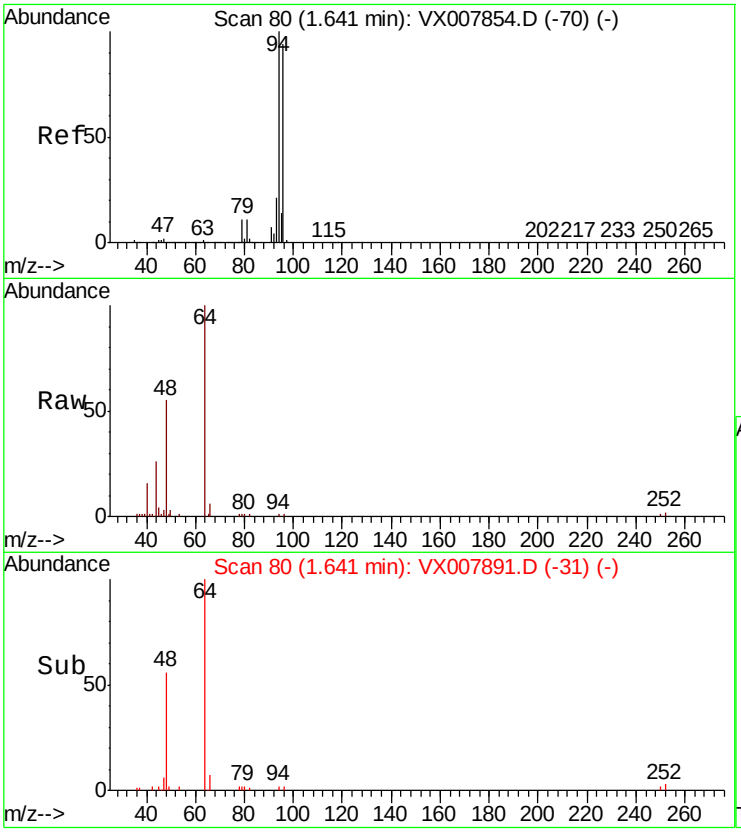


#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 50 Resp: 645

Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.5	39.7



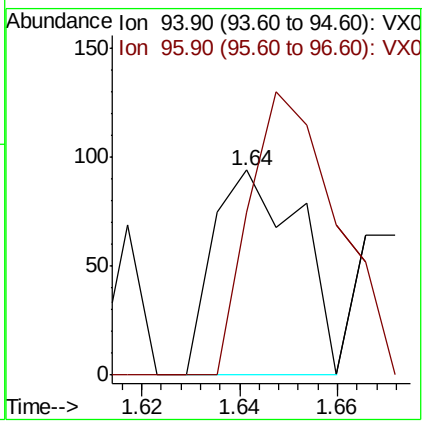


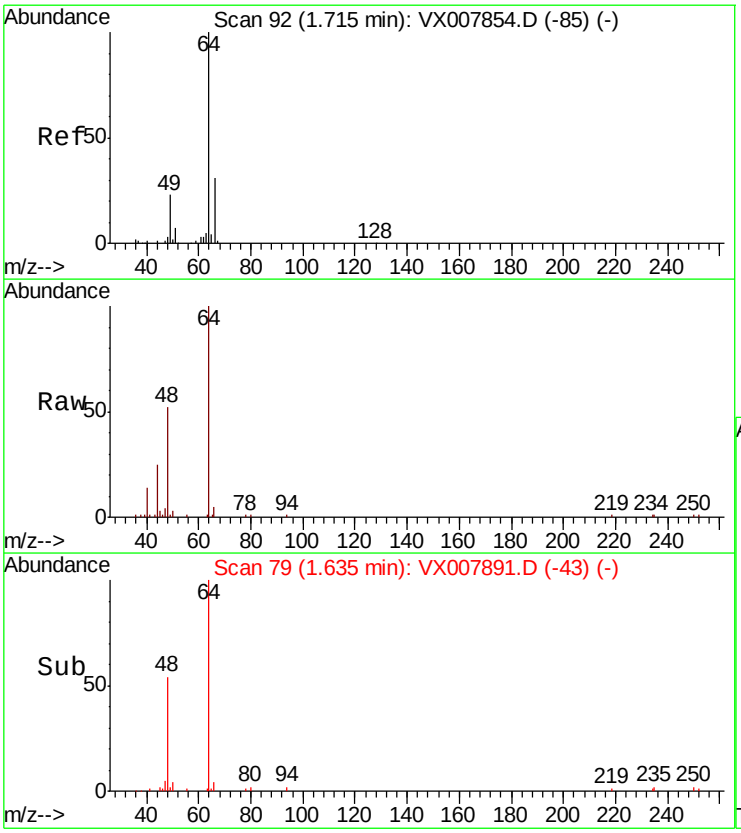
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 94 Resp: 116

Ion	Ratio	Lower	Upper
94	100		
96	79.8	75.5	113.3

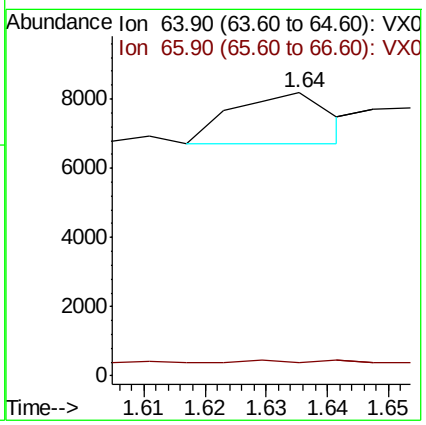


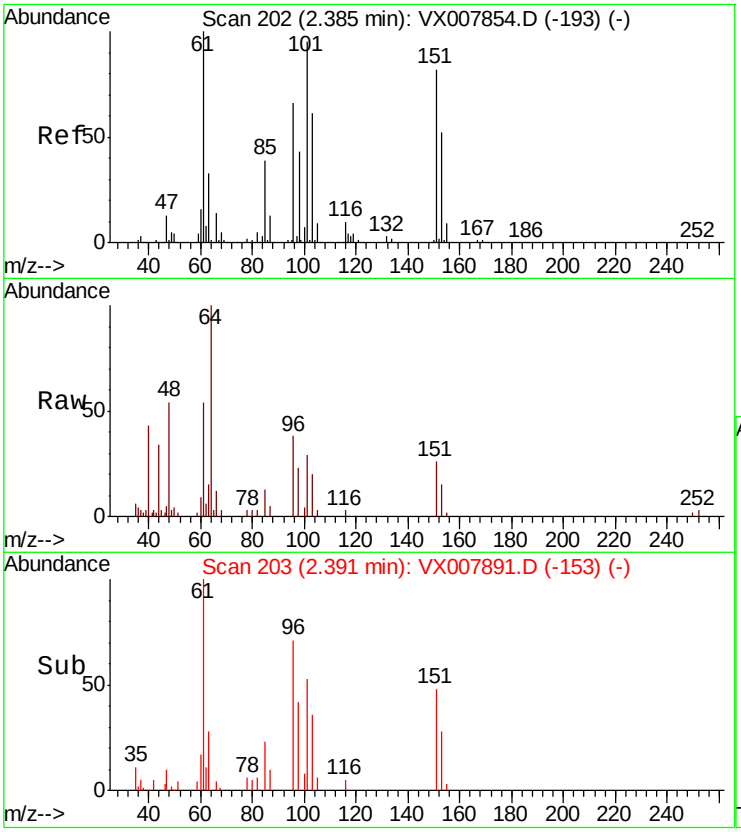


#6
Chloroethane
Concen: 0.774 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.08 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 64 Resp: 1605

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#



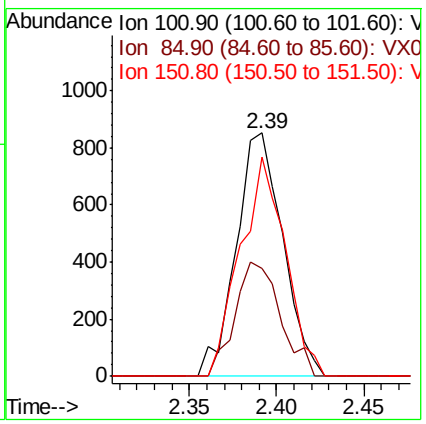


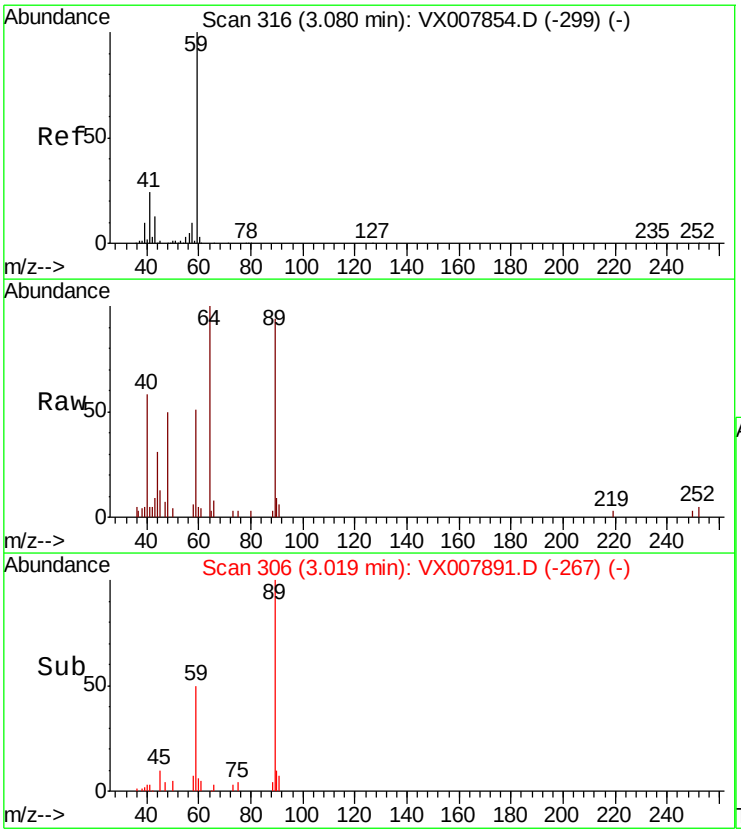
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.627 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion:101 Resp: 1581

Ion	Ratio	Lower	Upper
101	100		
85	45.7	33.8	50.6
151	87.0	69.1	103.7

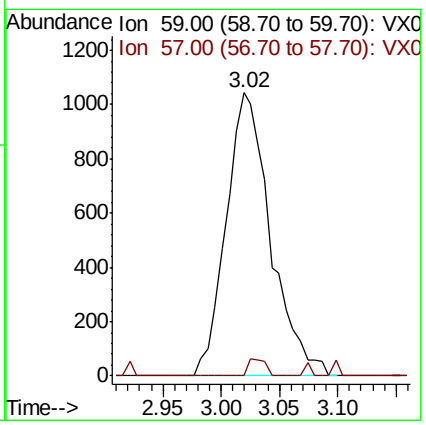


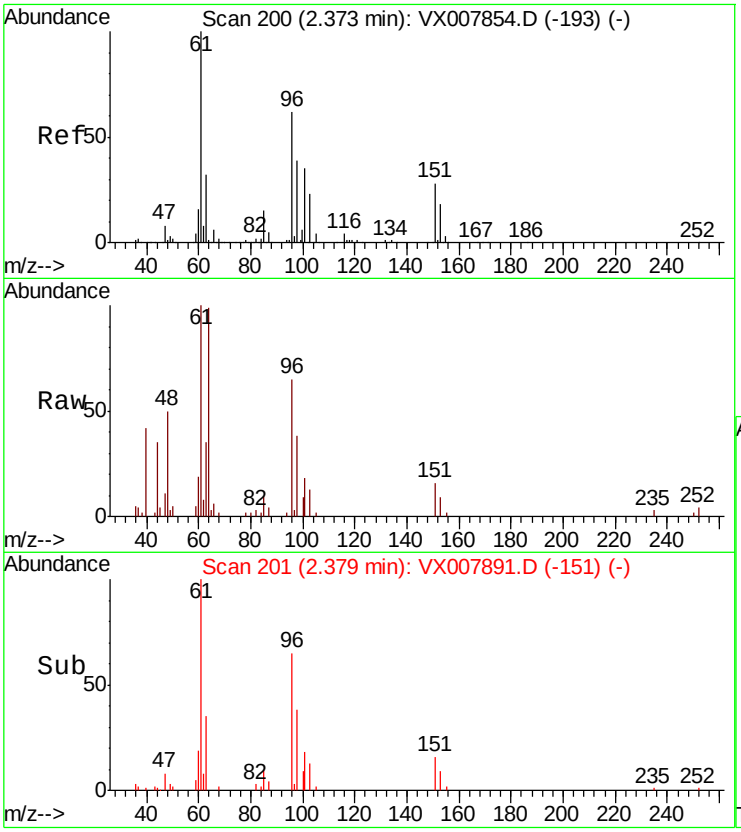


#11
Tert butyl alcohol
Concen: 4.116 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 59 Resp: 2772

Ion	Ratio	Lower	Upper
59	100		
57	2.3	8.2	12.2#



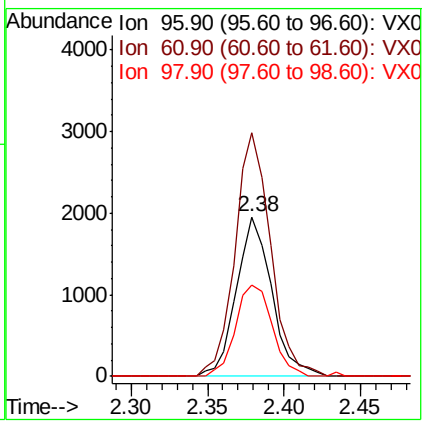


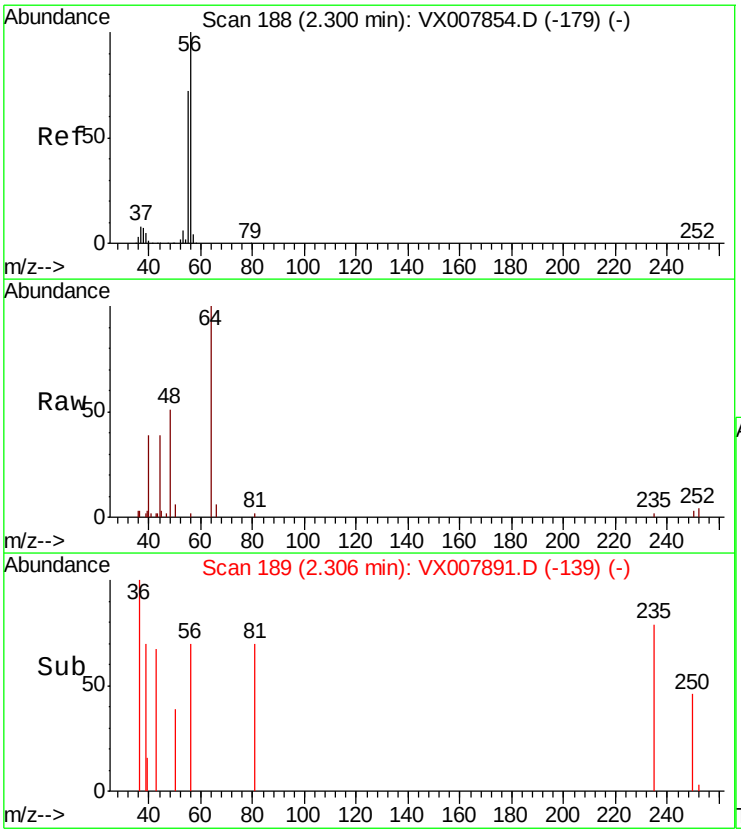
#12
1,1-Dichloroethene
Concen: 1.298 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 96 Resp: 3152

Ion	Ratio	Lower	Upper
96	100		
61	152.8	129.8	194.6
98	57.7	51.0	76.6

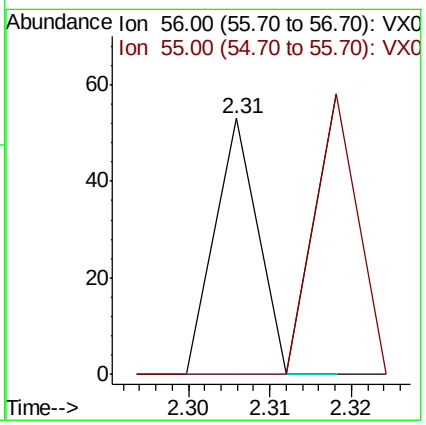


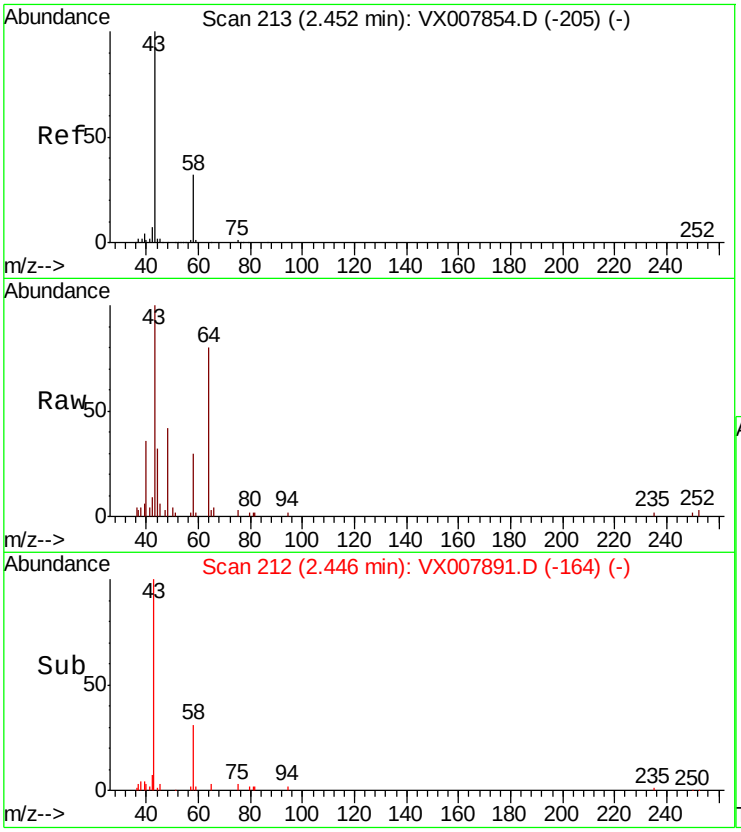


#13
Acrolein
Concen: 1.591 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 56 Resp: 19

Ion	Ratio	Lower	Upper
56	100		
55	110.5	57.8	86.6#



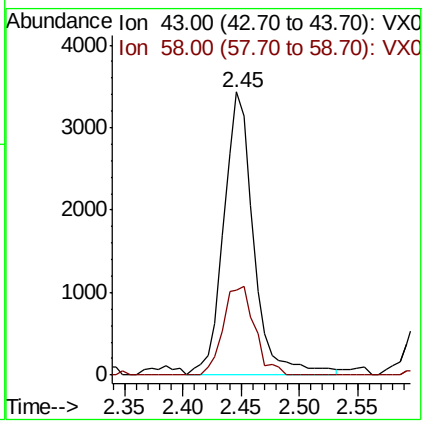


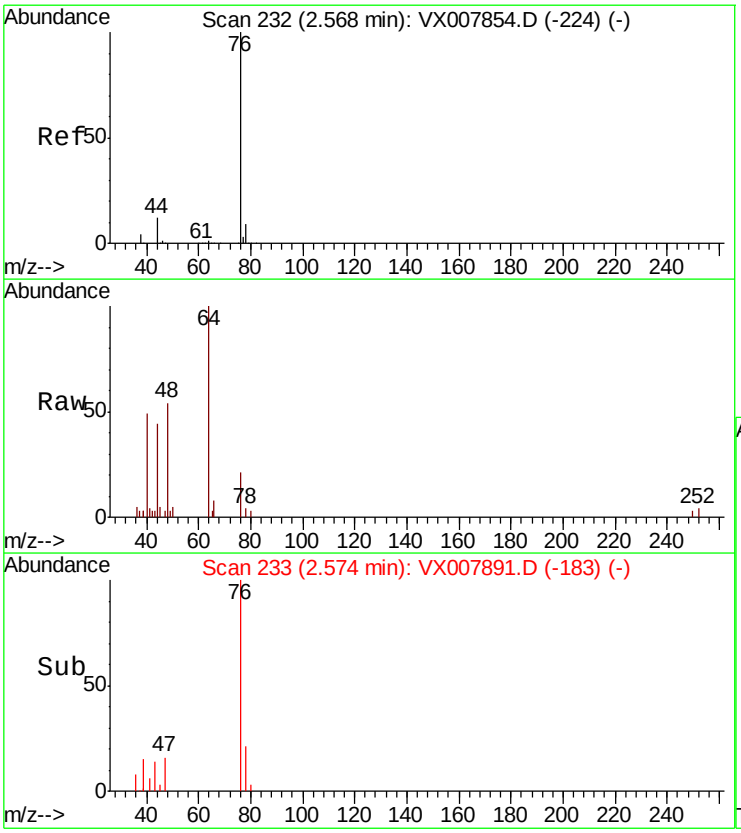
#16
Acetone
Concen: 3.533 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 43 Resp: 6158

Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.5	38.3

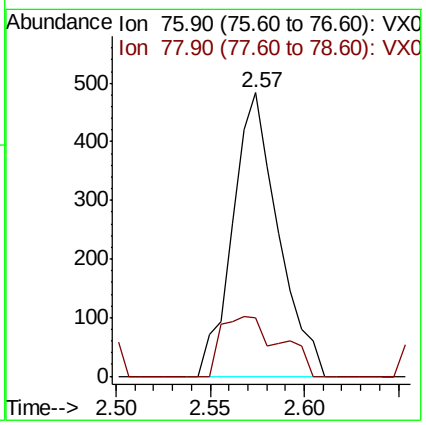


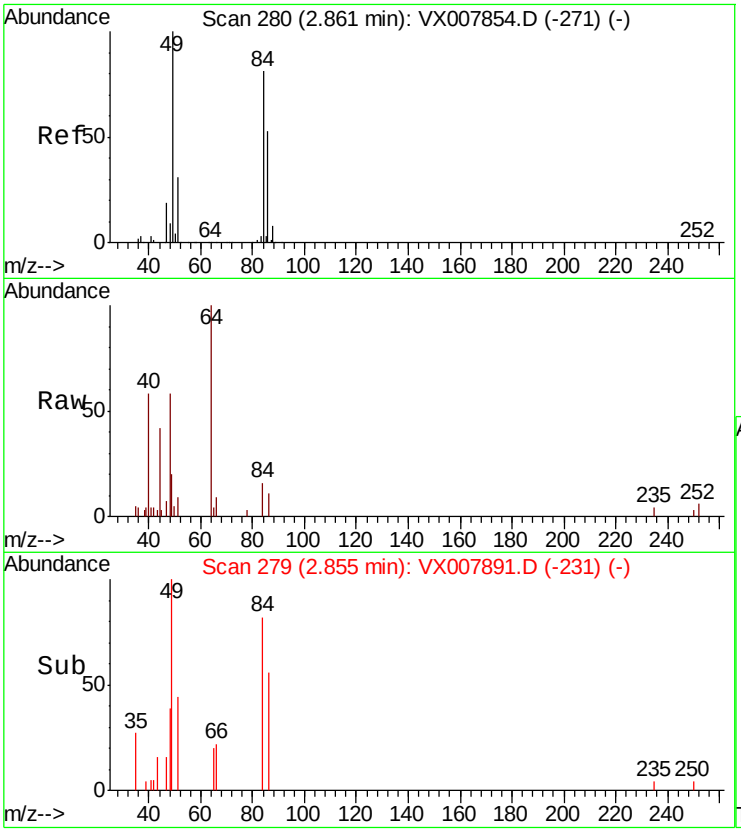


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 76 Resp: 811

Ion	Ratio	Lower	Upper
76	100		
78	20.7	7.2	10.8#



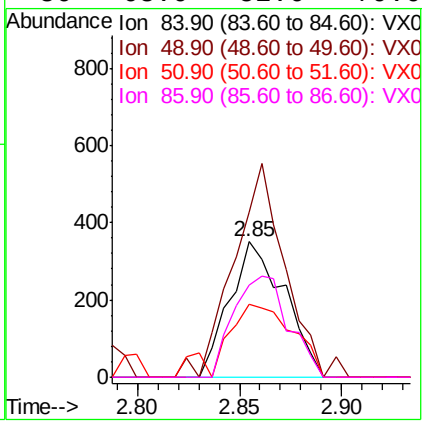


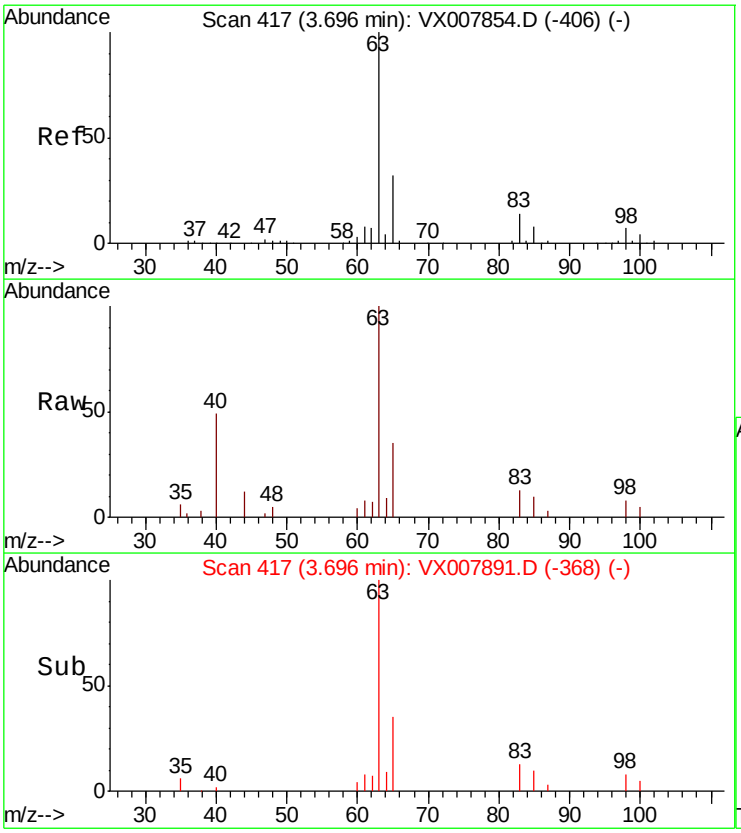
#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 84 Resp: 654

Ion	Ratio	Lower	Upper
84	100		
49	107.1	99.3	148.9
51	54.0	31.3	46.9#
86	68.0	52.6	79.0

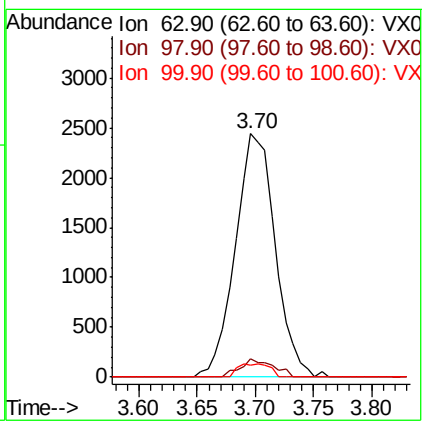


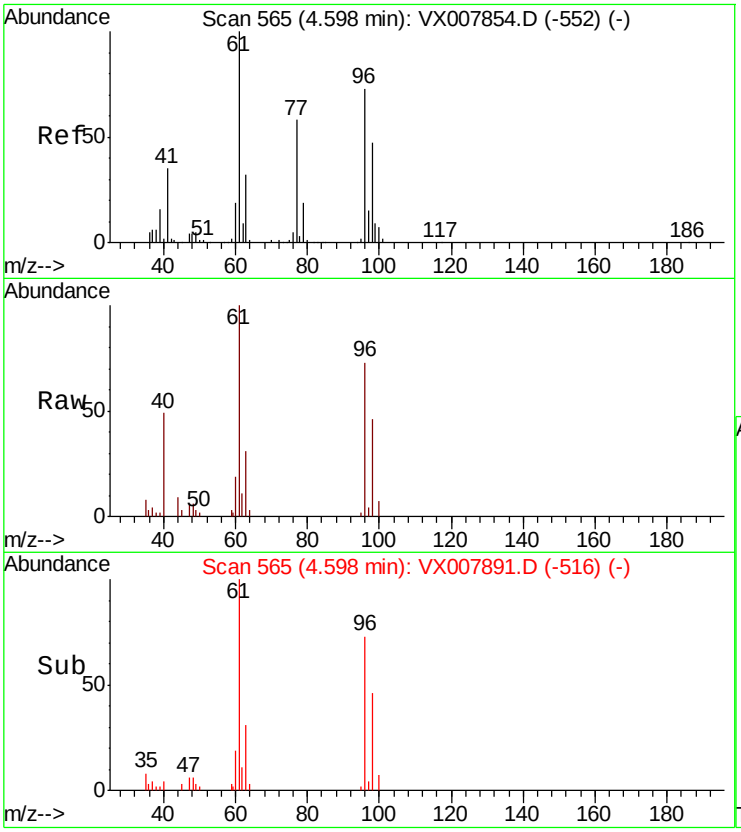


#24
1,1-Dichloroethane
Concen: 1.162 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 63 Resp: 5851

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.3	9.8
100	5.0	2.3	6.8



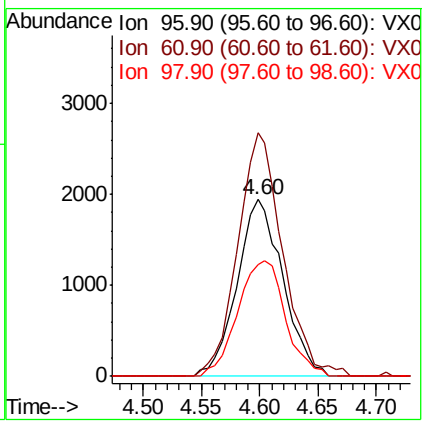


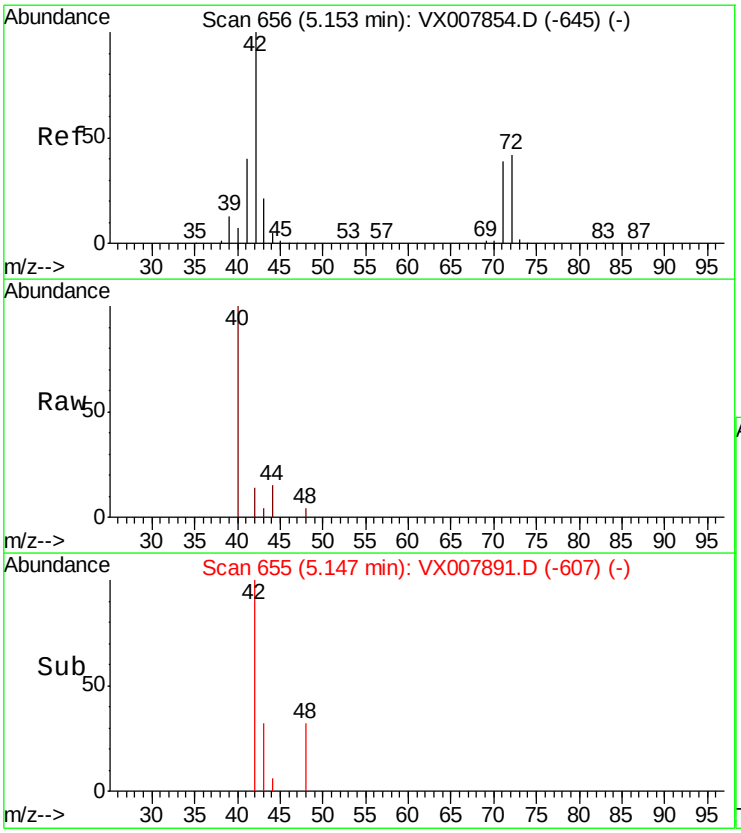
#27
cis-1,2-Dichloroethene
Concen: 1.739 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 96 Resp: 5318

Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	288.0
98	68.0	0.0	129.0

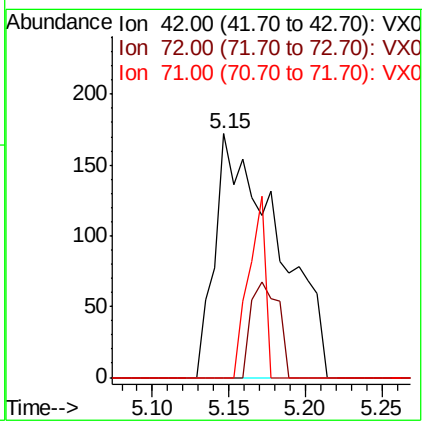


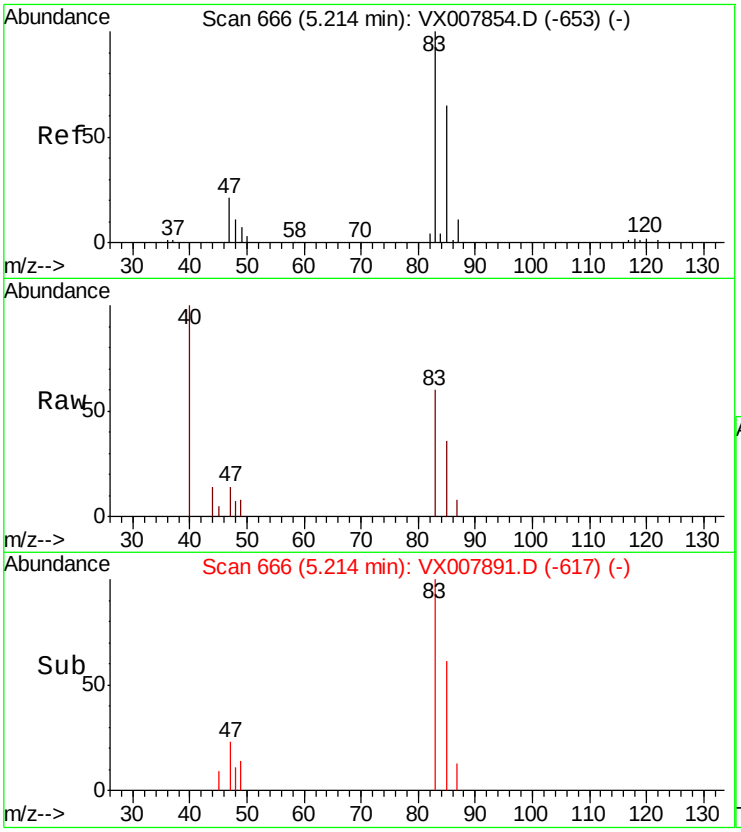


#29
Tetrahydrofuran
Concen: 0.316 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 42 Resp: 486

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	0.0	31.5	47.3#



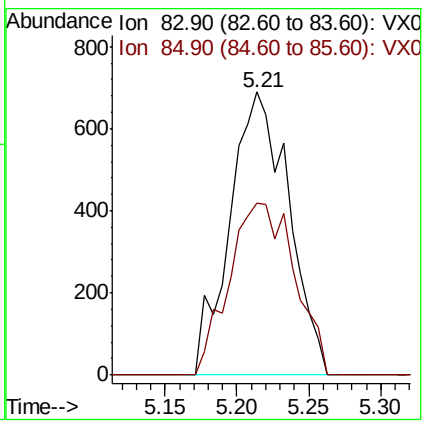


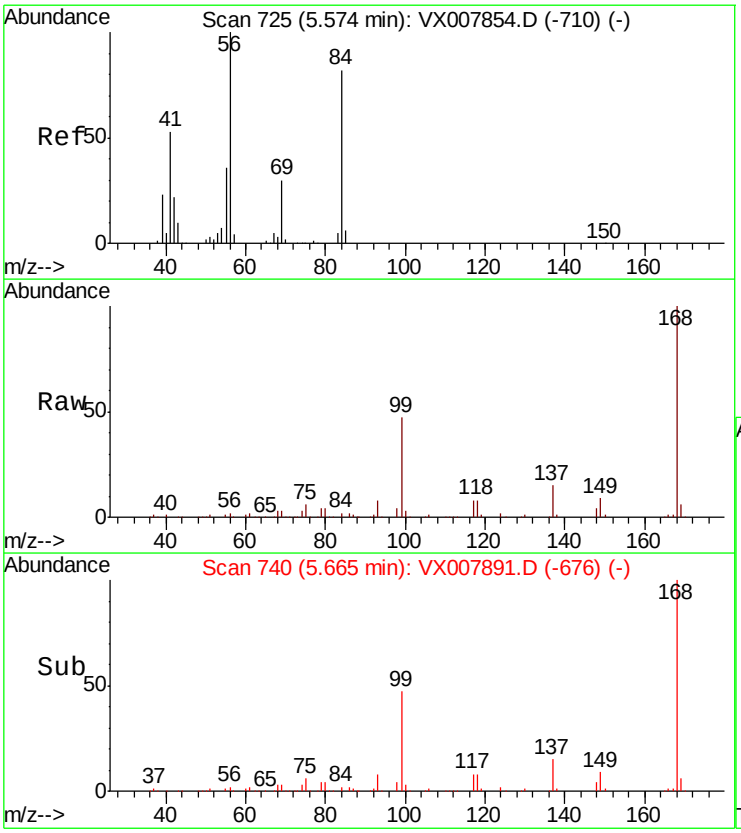
#30
Chloroform
Concen: 0.411 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 83 Resp: 1959

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.8	77.6

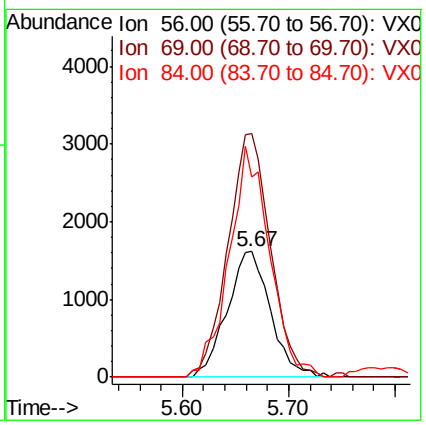


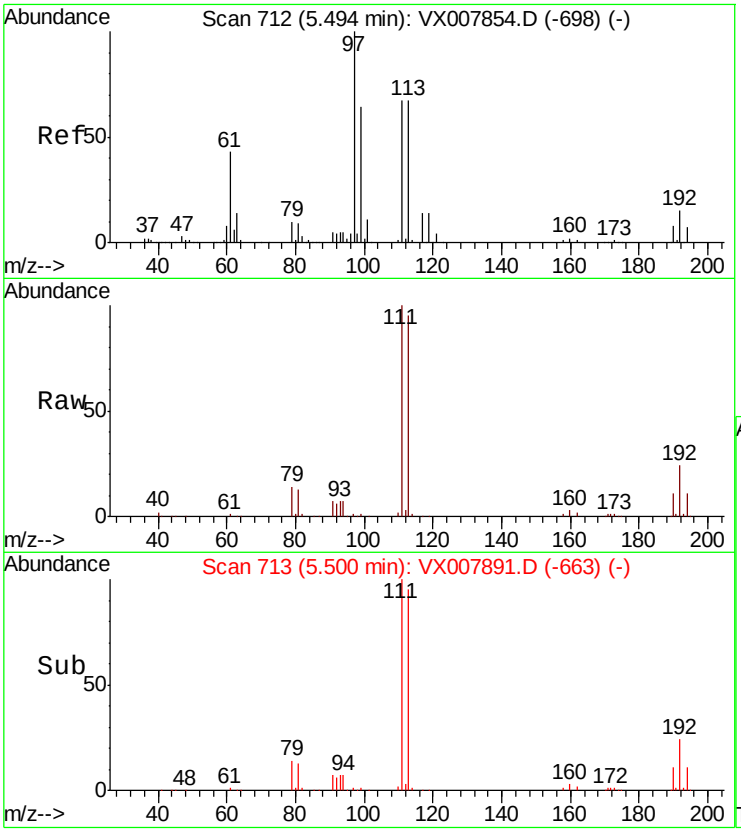


#31
Cyclohexane
Concen: 0.994 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 56 Resp: 4597

Ion	Ratio	Lower	Upper
56	100		
69	194.0	24.0	36.0#
84	159.2	65.3	97.9#



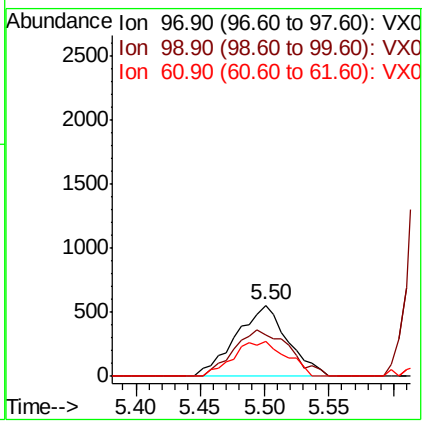


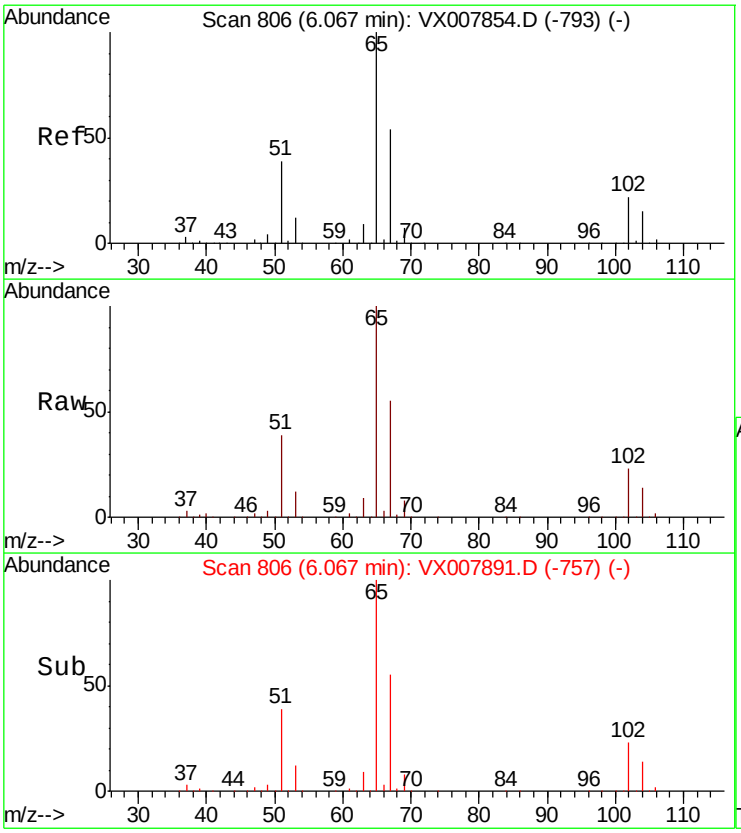
#32
1,1,1-Trichloroethane
Concen: 0.388 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 97 Resp: 1535

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	50.2	34.9	52.3

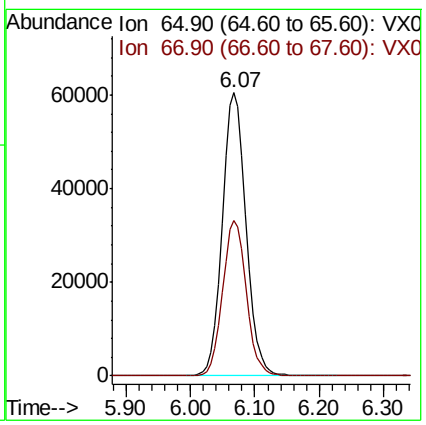


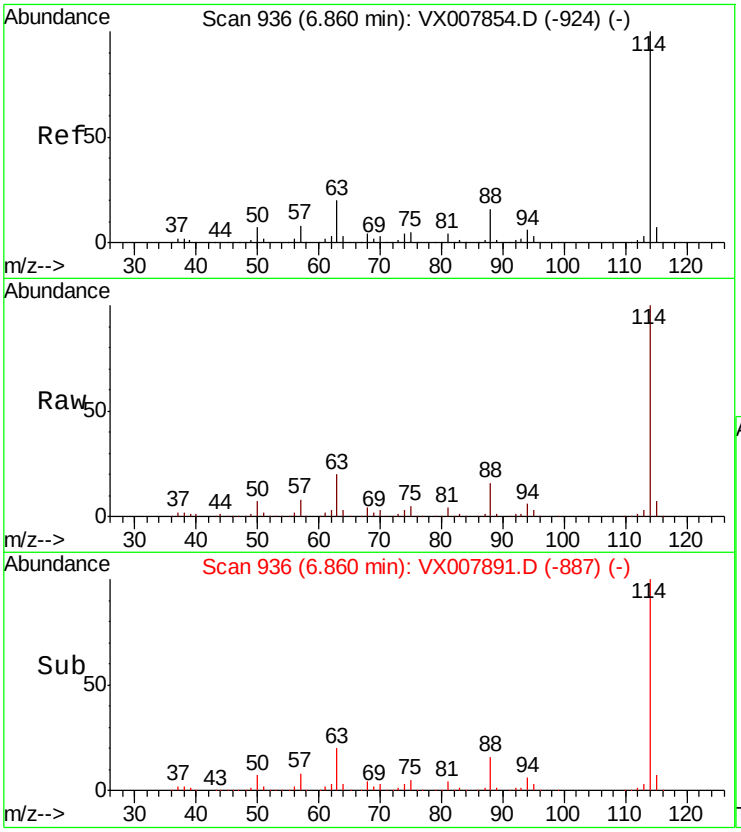


#33
1,2-Dichloroethane-d4
Concen: 52.149 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 65 Resp: 157037

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.0



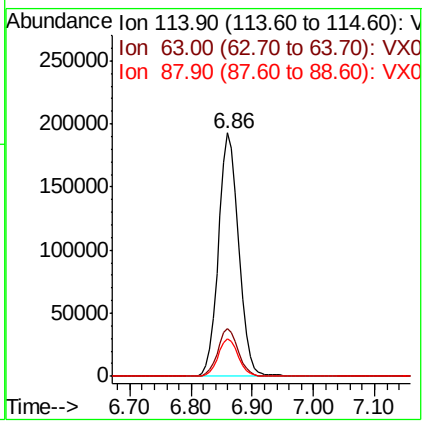


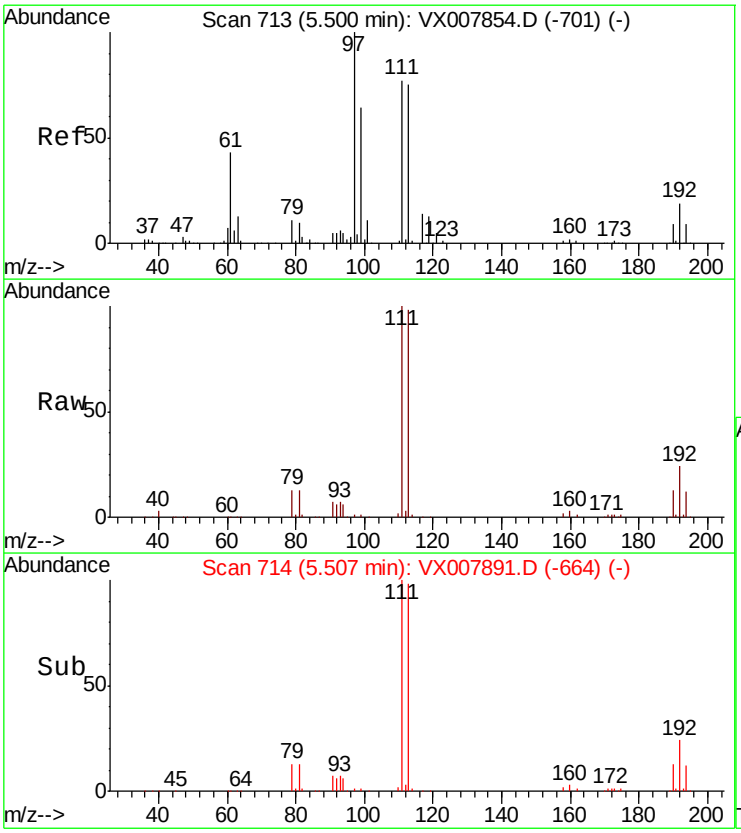
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion:114 Resp: 444165

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.6	0.0	31.4

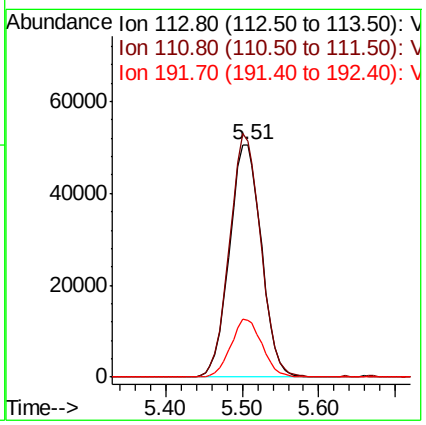


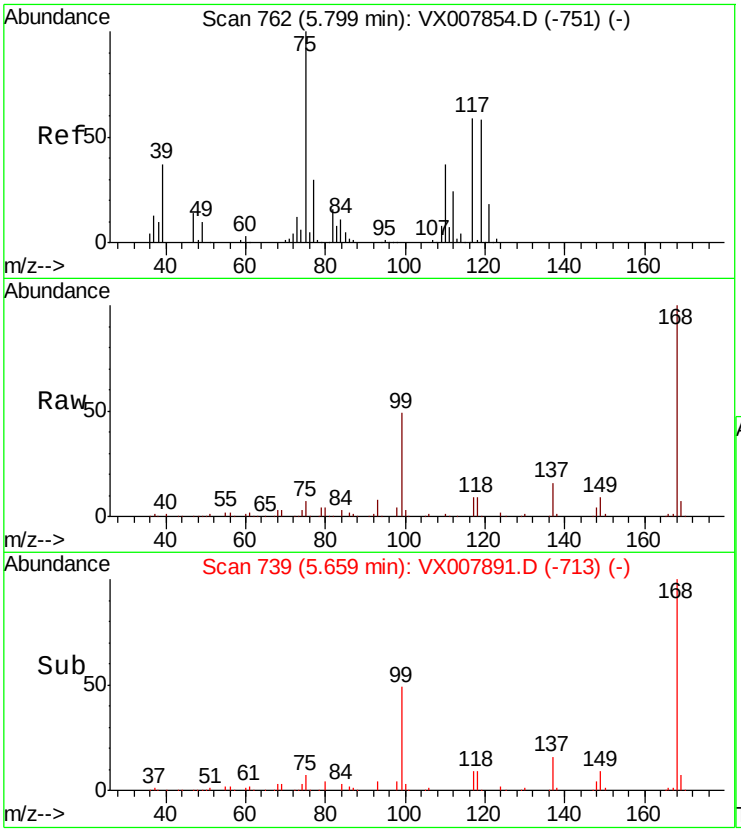


#35
Dibromofluoromethane
Concen: 51.552 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:113 Resp: 146468

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	24.3	19.4	29.0



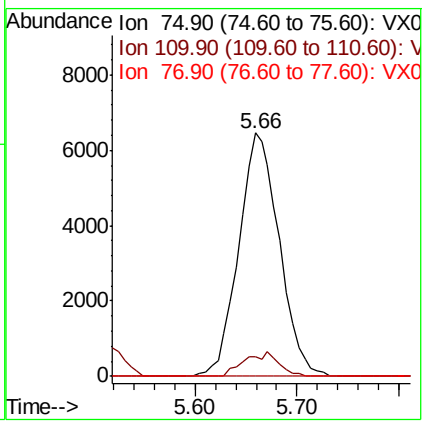


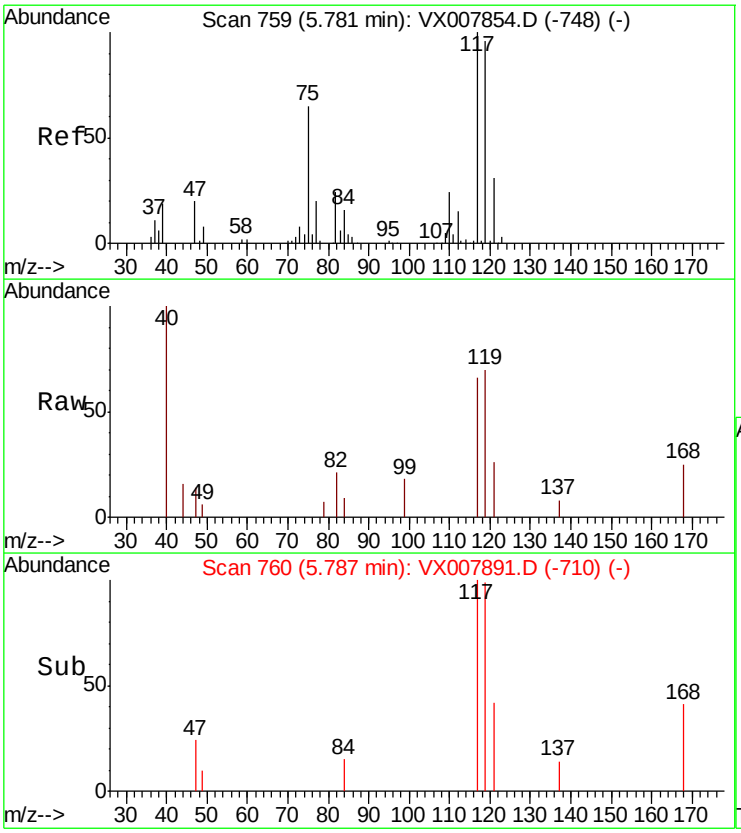
#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 75 Resp: 17773

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.4	55.0#
77	0.0	25.0	37.4#

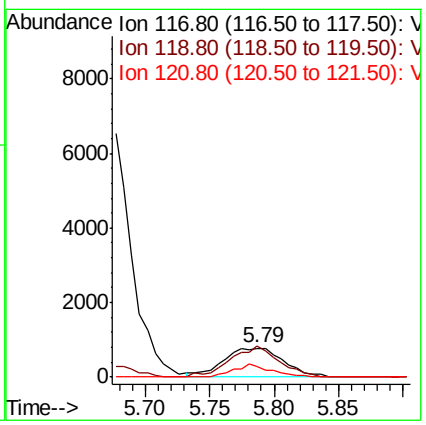


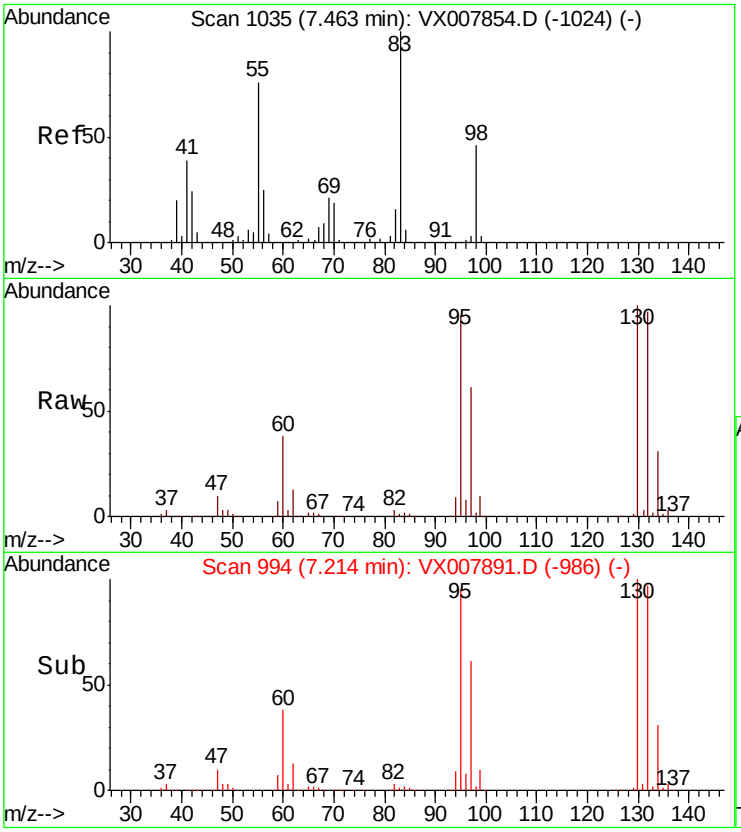


#38
Carbon Tetrachloride
Concen: 0.662 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:117 Resp: 2528

Ion	Ratio	Lower	Upper
117	100		
119	106.5	76.2	114.2
121	38.9	24.6	36.8#



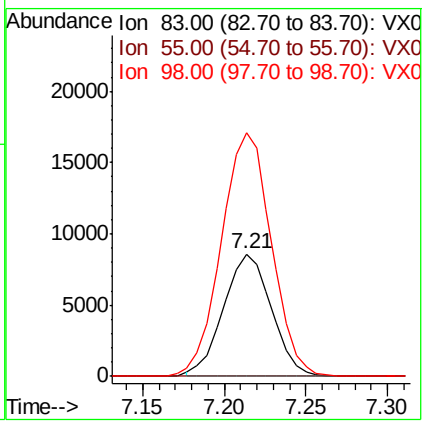


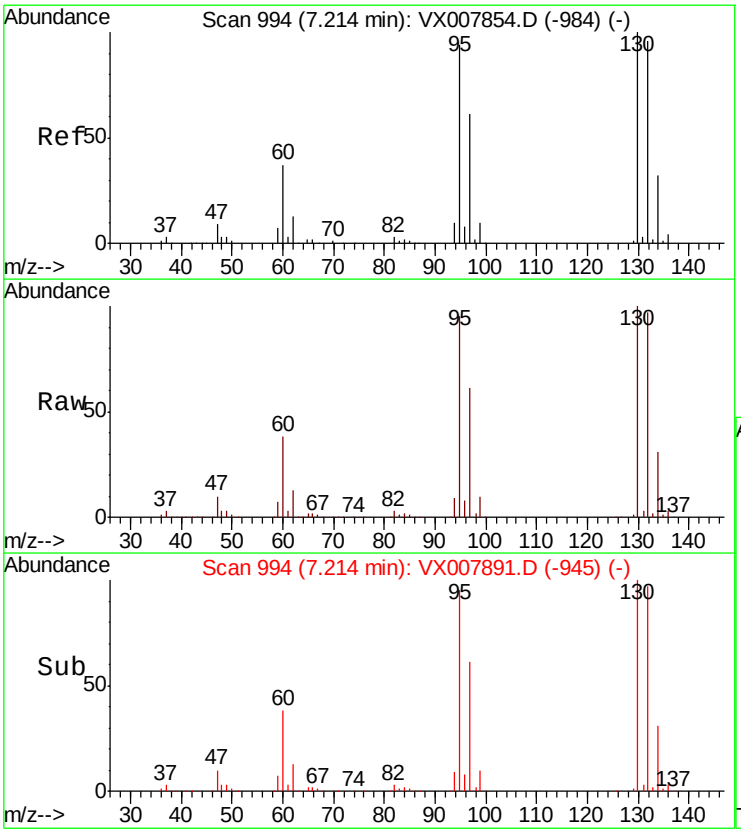
#39
Methylcyclohexane
Concen: 3.583 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 83 Resp: 17460

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	198.9	36.5	54.7#

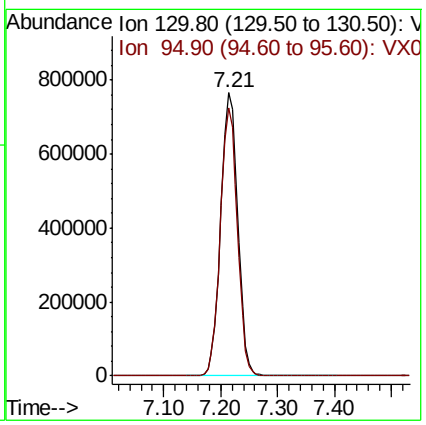


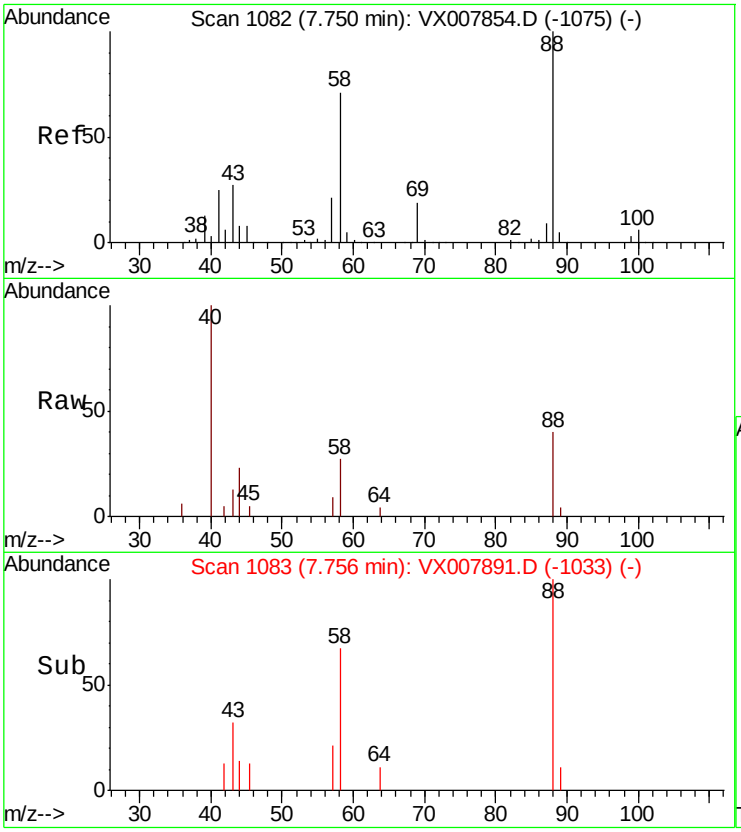


#44
Trichloroethene
Concen: 484.107 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:130 Resp: 1597354

Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	188.0



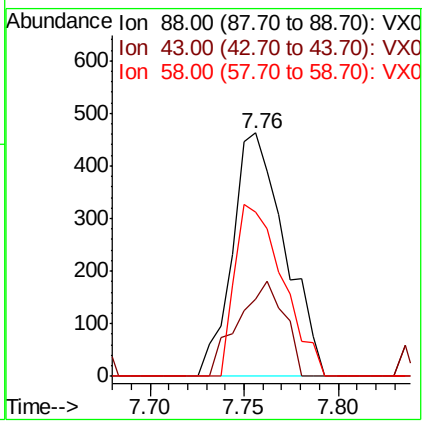


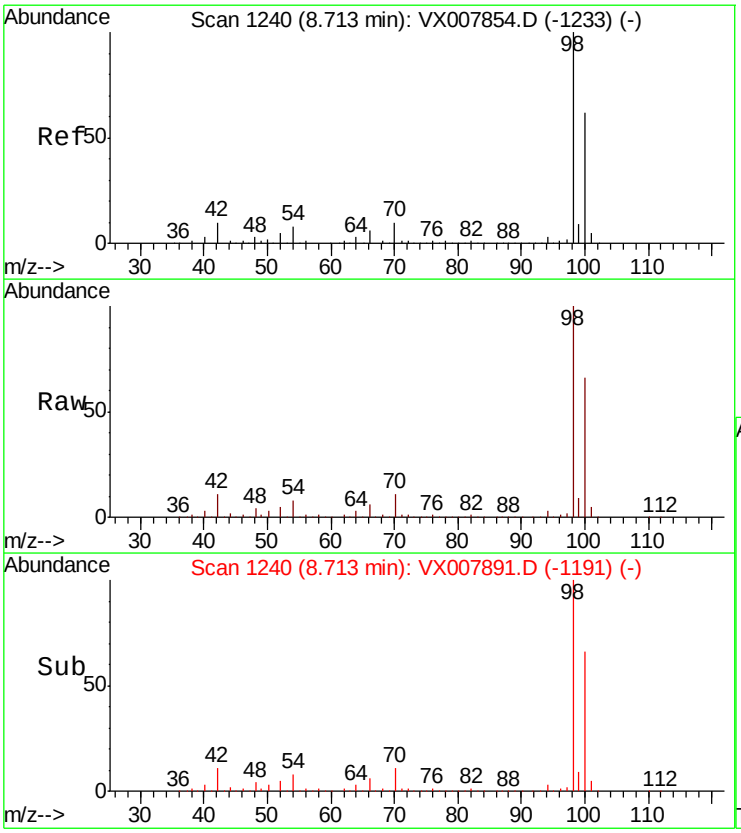
#49
1,4-Dioxane
Concen: 11.719 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 88 Resp: 894

Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.1	37.7
58	64.4	57.8	86.6

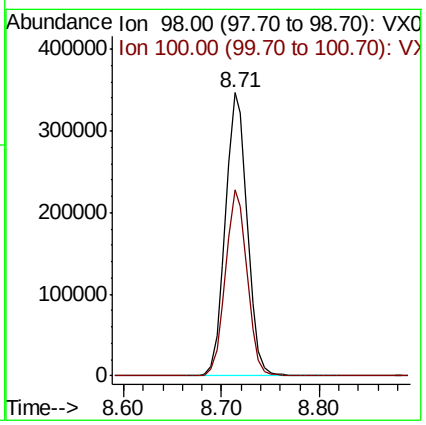


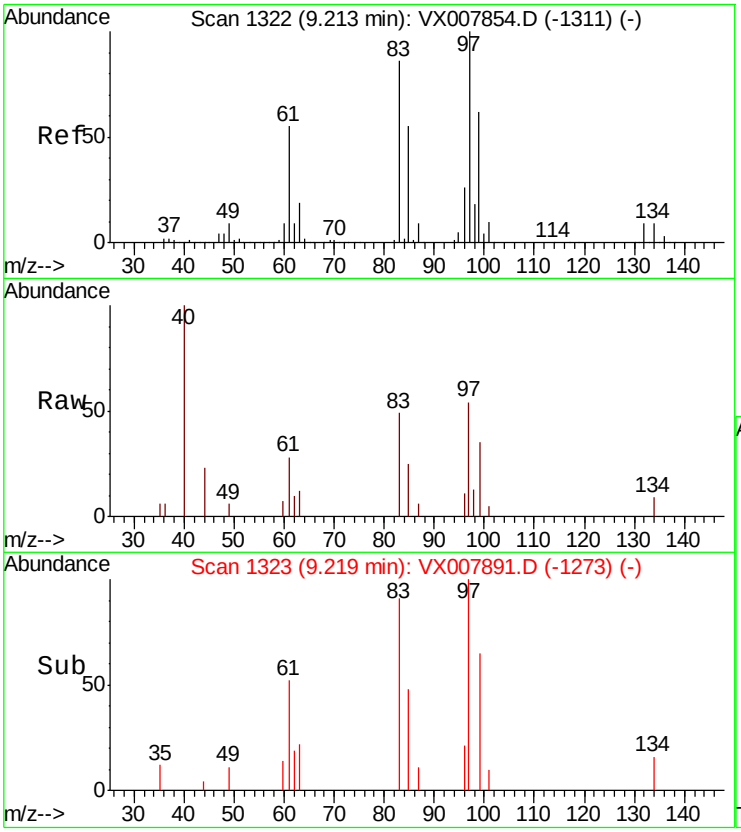


#50
Toluene-d8
Concen: 51.531 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 98 Resp: 537693

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5



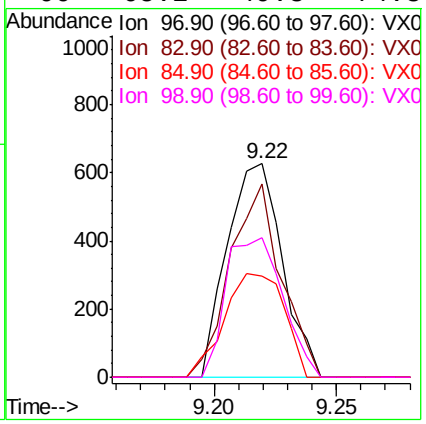


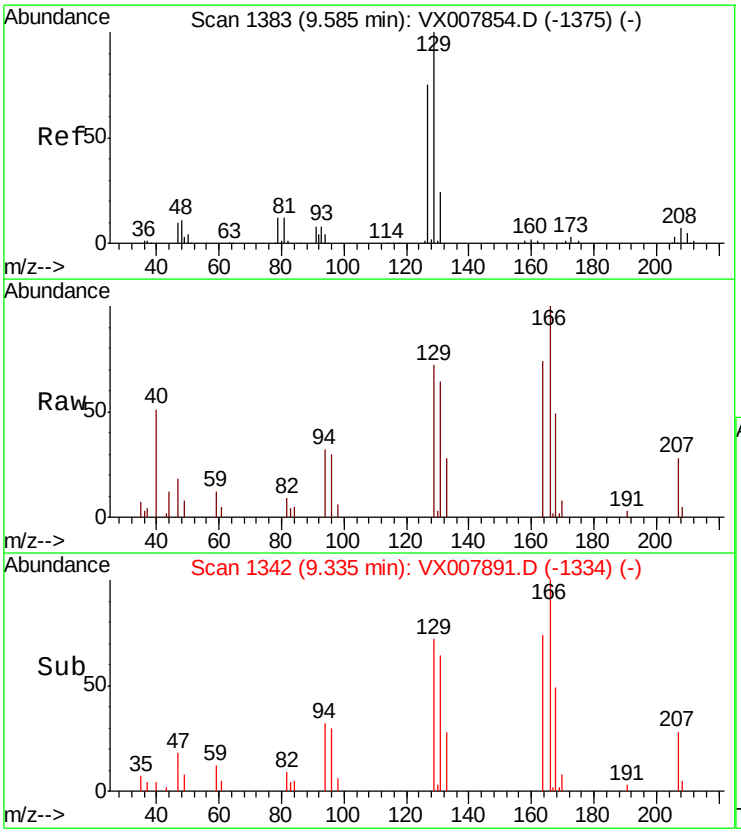
#55
1,1,2-Trichloroethane
Concen: 0.331 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 97 Resp: 980

Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.1	103.7
85	47.5	44.3	66.5
99	65.2	49.8	74.8

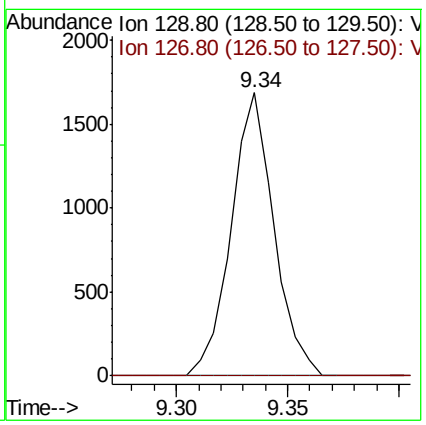


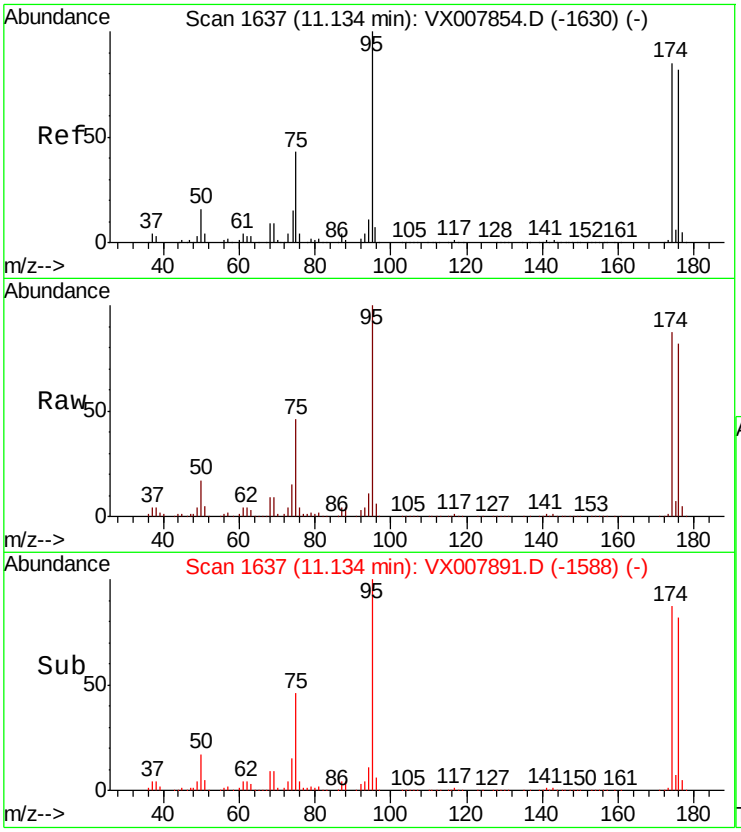


#60
Dibromochloromethane
Concen: 0.730 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:129 Resp: 2258

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



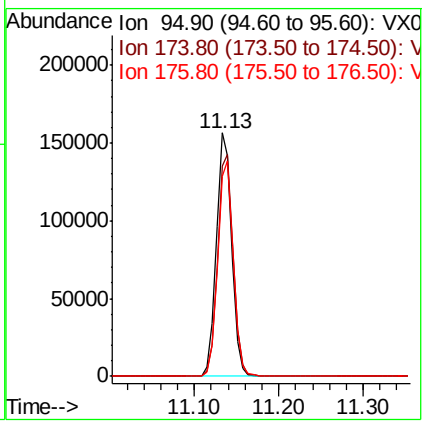


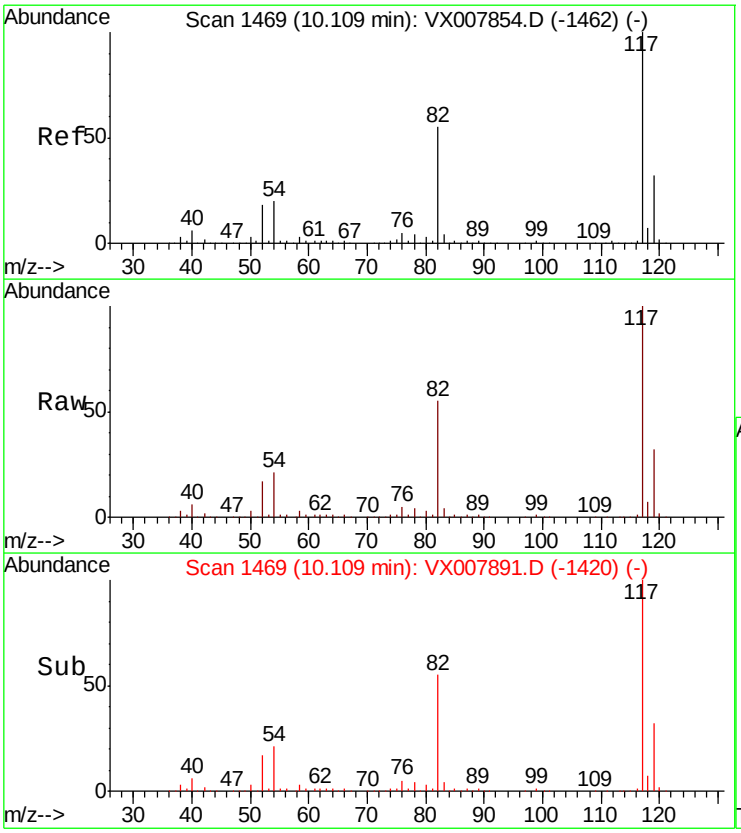
#62
4-Bromofluorobenzene
Concen: 54.022 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 95 Resp: 197628

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	182.8
176	89.6	0.0	178.0

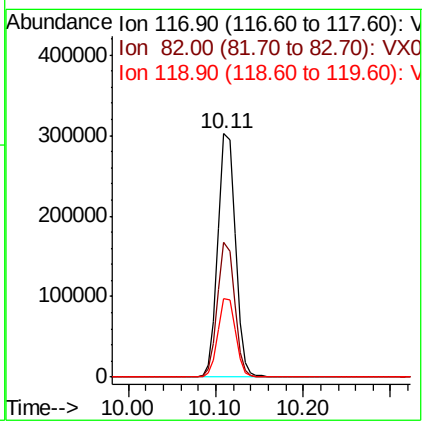


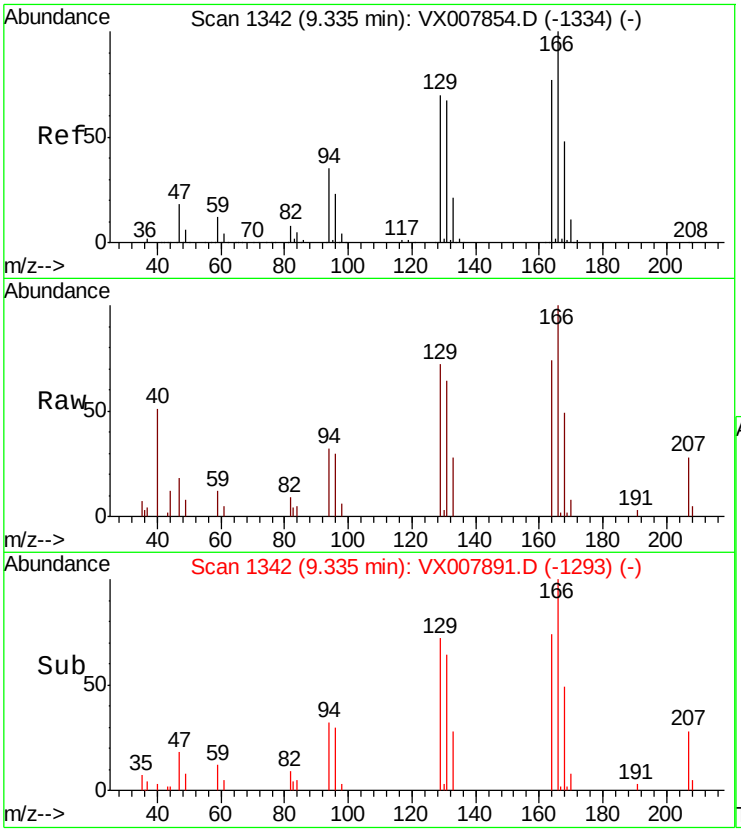


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:117 Resp: 418971

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	32.0	25.3	37.9



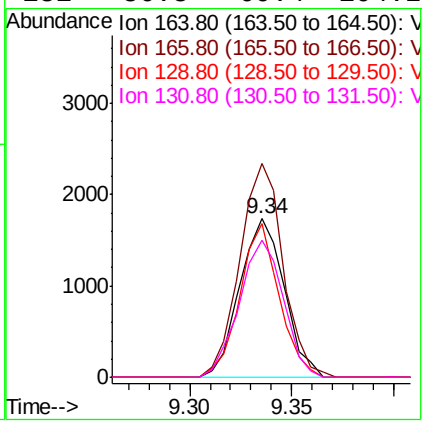


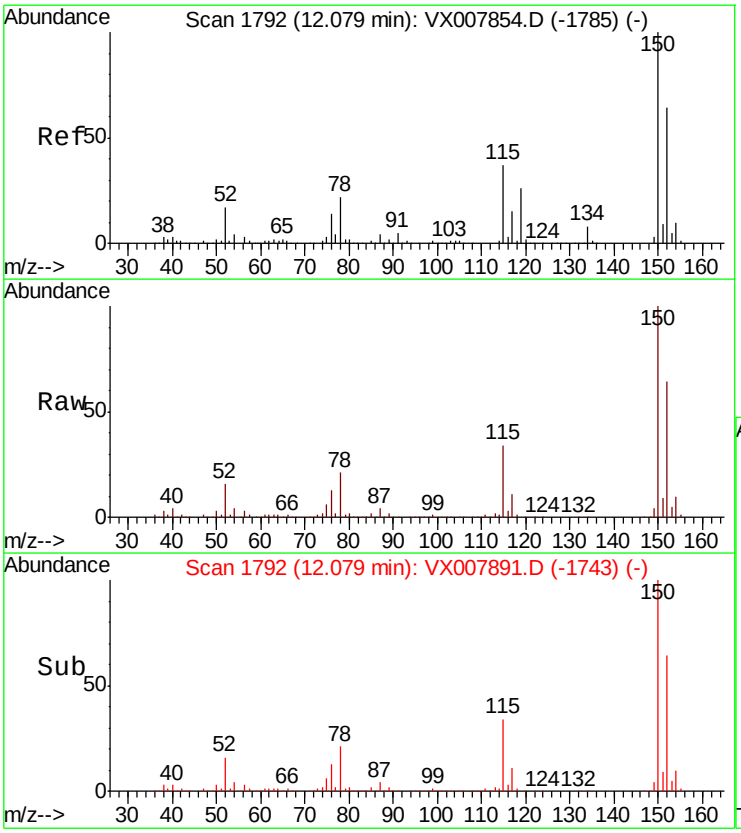
#64
Tetrachloroethene
Concen: 0.753 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion:164 Resp: 2615

Ion	Ratio	Lower	Upper
164	100		
166	135.0	103.4	155.0
129	97.3	72.2	108.4
131	86.3	69.4	104.2

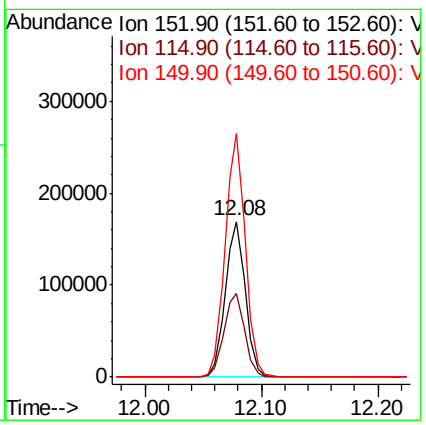


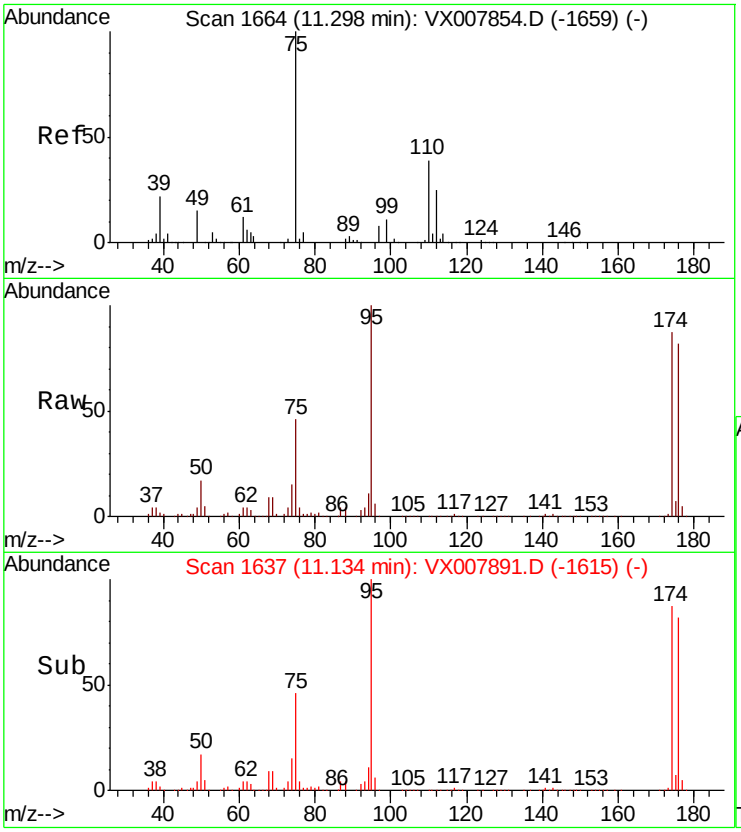


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion:152 Resp: 202132

Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.6	115.7
150	156.1	0.0	348.4



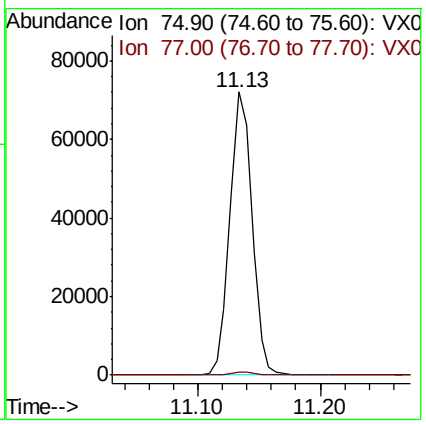


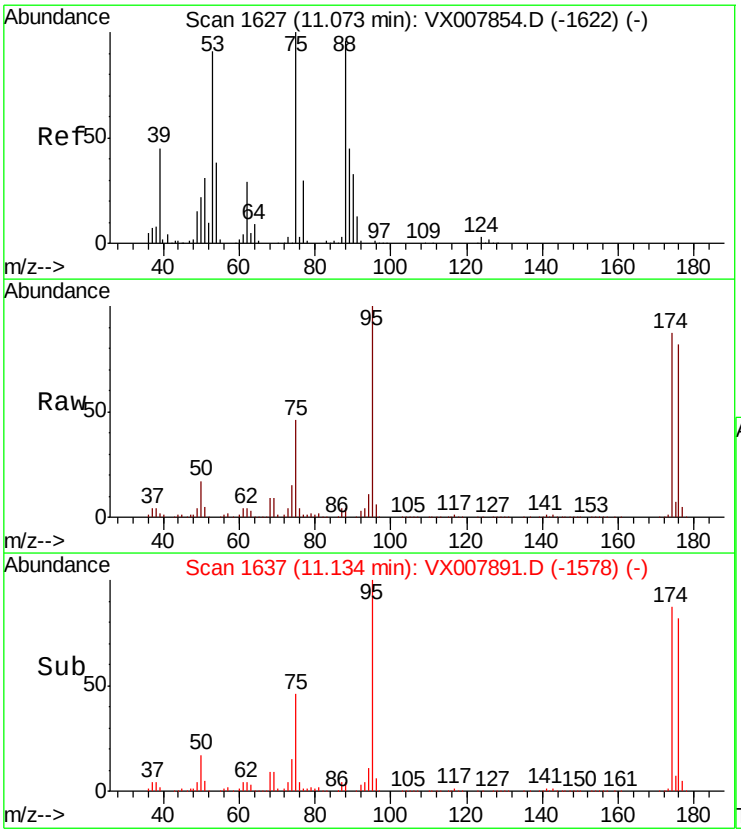
#76
1,2,3-Trichloropropane
Concen: 21.326 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20190306

Tgt Ion: 75 Resp: 90458

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.170 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007891.D
Acq: 07 Mar 2019 18:31

Tgt Ion: 75 Resp: 90458

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.0	36.3	54.5#