Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091919\
Data File : VX012536.D
Acq On : 19 Sep 2019 18:17
Operator : JC/SP
Sample : K4858-23DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D1-20190911DL

Quant Time: Sep 20 04:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	189731	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	301917	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	246443	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89977	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	127263	46.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.60%				
35) Dibromofluoromethane	5.49	113	88835	48.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.22%				
50) Toluene-d8	8.71	98	345724	51.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.22%				
62) 4-Bromofluorobenzene	11.14	95	117073	41.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	328	0.648	ug/l		81
3) Chloromethane	1.33	50	508	0.487	ug/l	#	65
4) Vinyl Chloride	1.40	62	1080	0.958	ug/l		97
5) Bromomethane	1.64	94	231	0.522	ug/l	#	72
6) Chloroethane	1.70	64	200	0.227	ug/l	#	85
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2405	1.608	ug/l		94
10) Methyl Iodide	2.50	142	106	4.517	ug/l	#	44
11) Tert butyl alcohol	3.01	59	5197	1.704	ug/l	#	78
12) 1,1-Dichloroethene	2.37	96	756	0.634	ug/l	#	76
13) Acrolein	2.30	56	110	Below Cal		#	15
16) Acetone	2.44	43	920	Below Cal			94
17) Carbon Disulfide	2.56	76	167	1.902	ug/l	#	1
19) Methyl tert-butyl Ether	3.19	73	2124	0.327	ug/l	#	89
20) Methylene Chloride	2.85	84	814	0.495	ug/l	#	73
22) Diisopropyl ether	3.86	45	1584	0.244	ug/l	#	76
24) 1,1-Dichloroethane	3.68	63	847	0.272	ug/l	#	81
27) cis-1,2-Dichloroethene	4.59	96	8825	4.769	ug/l		89
30) Chloroform	5.19	83	2305	0.645	ug/l	#	76
36) 1,1-Dichloropropene	5.65	75	16108	8.779	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	21388	9.372	ug/l	#	17
42) 1,2-Dichloroethane	6.19	62	752	0.278	ug/l		99
44) Trichloroethene	7.20	130	63056	41.082	ug/l		95
49) 1,4-Dioxane	7.74	88	242	4.173	ug/l	#	80
60) Dibromochloromethane	9.33	129	17510	8.874	ug/l	#	11
64) Tetrachloroethene	9.33	164	18149	16.071	ug/l		92
68) m/p-Xylenes	10.36	106	588	0.231	ug/l	#	63
76) 1,2,3-Trichloropropane	11.14	75	61452	29.732	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	61452	79.668	ug/l	#	8

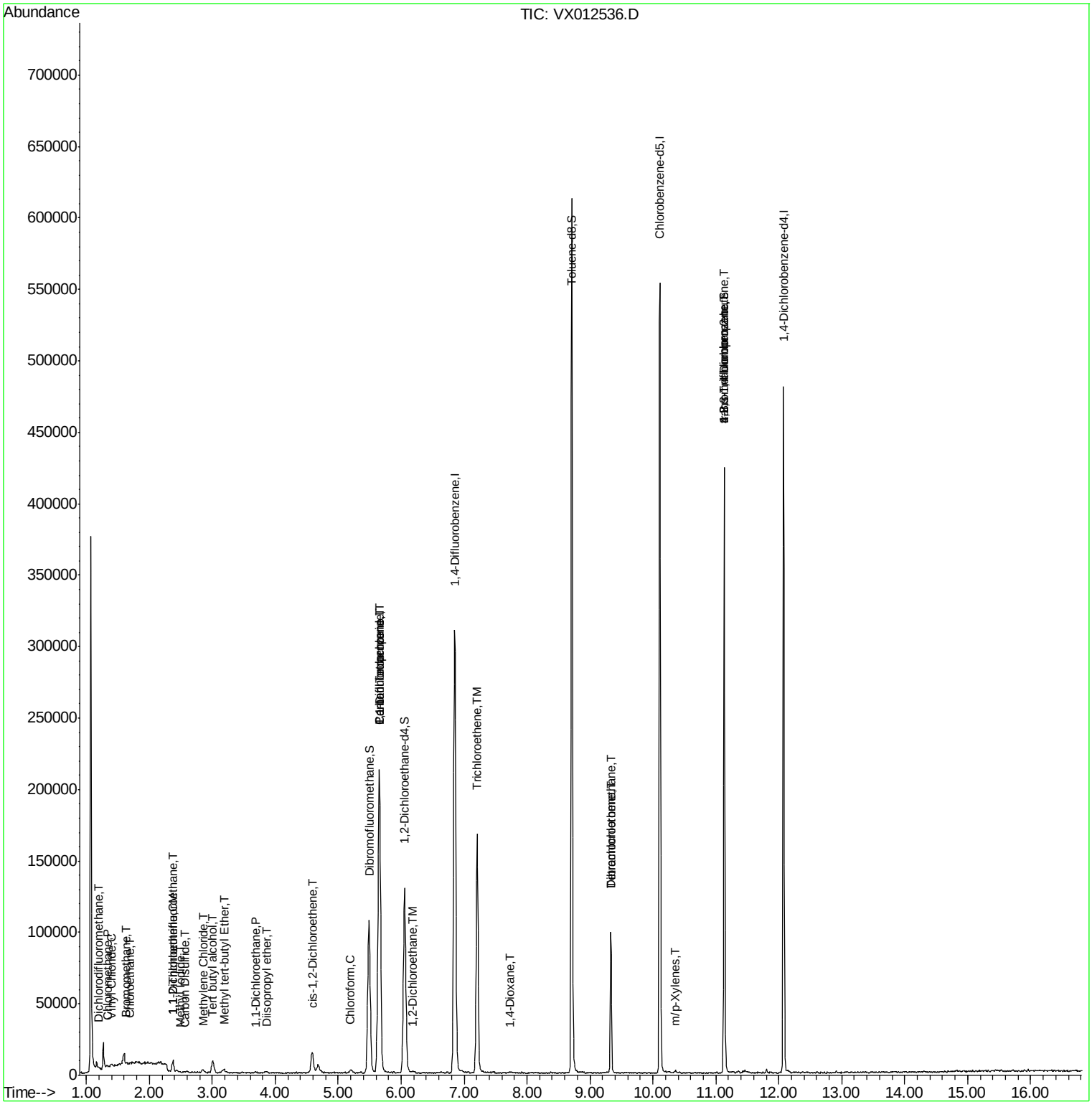
(#) = qualifier out of range (m) = manual integration (+) = signals summed

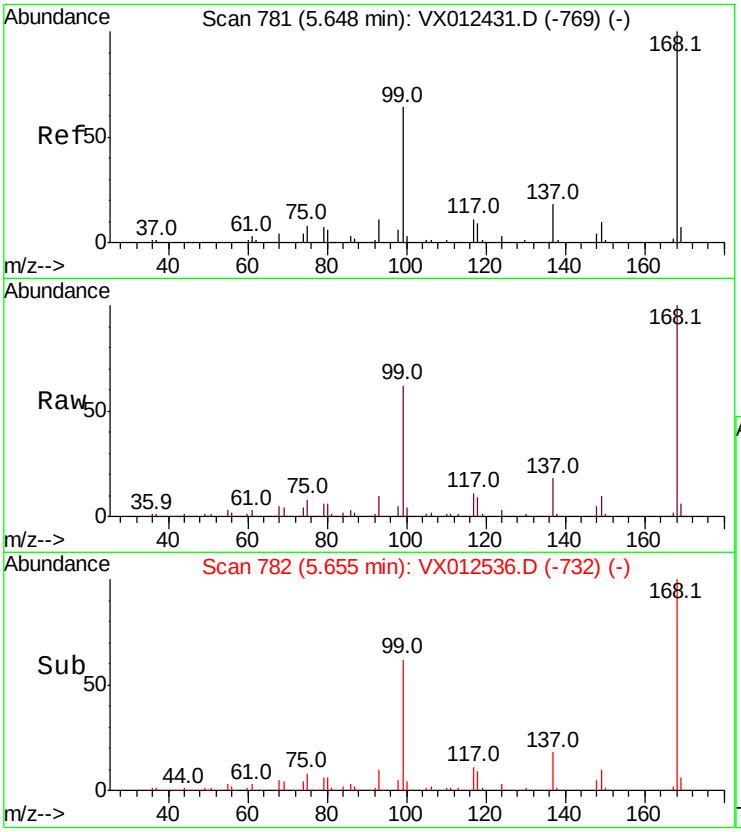
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012536.D
Acq On : 19 Sep 2019 18:17
Operator : JC/SP
Sample : K4858-23DL 4X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Quant Time: Sep 20 04:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



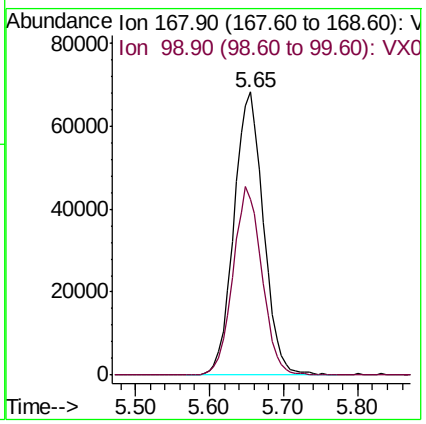


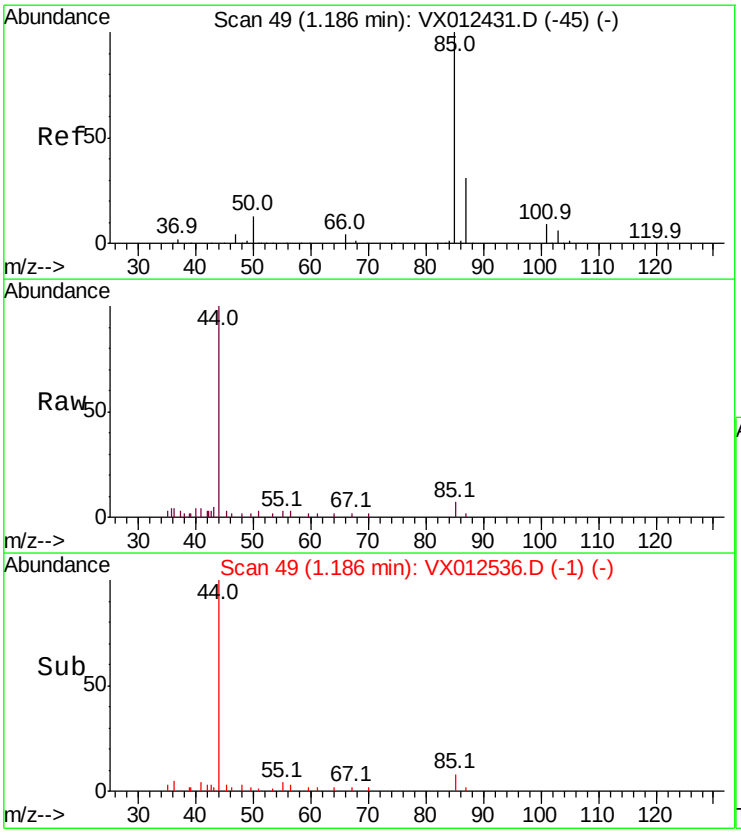
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion:168 Resp: 189731

Ion	Ratio	Lower	Upper
168	100		
99	62.1	51.4	77.2

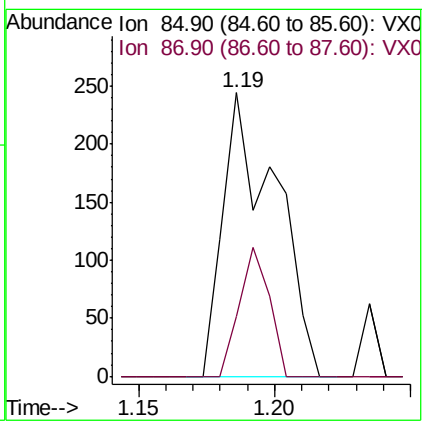


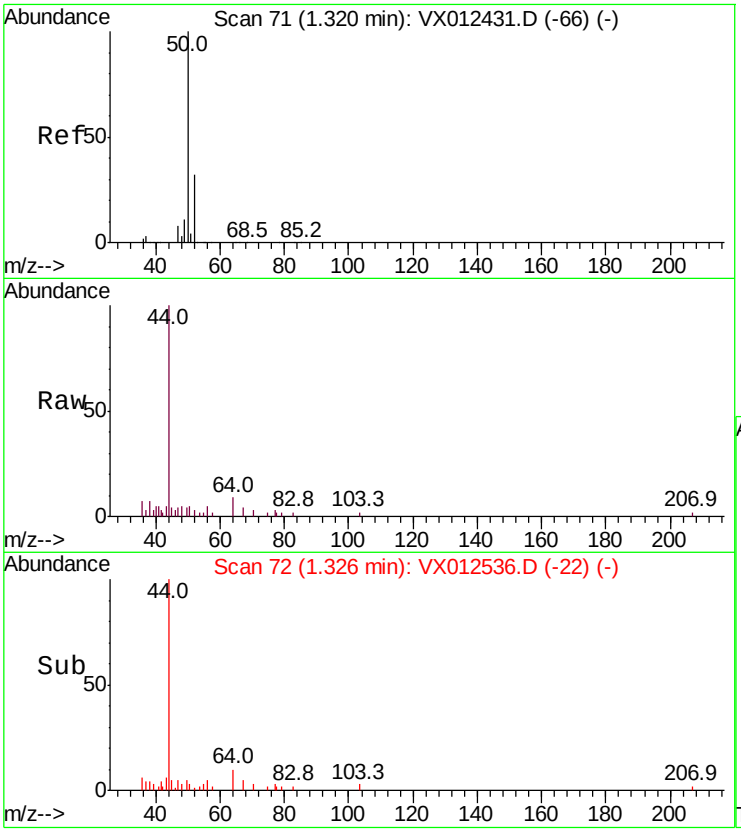


#2
Dichlorodifluoromethane
Concen: 0.648 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 85 Resp: 328

Ion	Ratio	Lower	Upper
85	100		
87	20.9	15.6	46.8



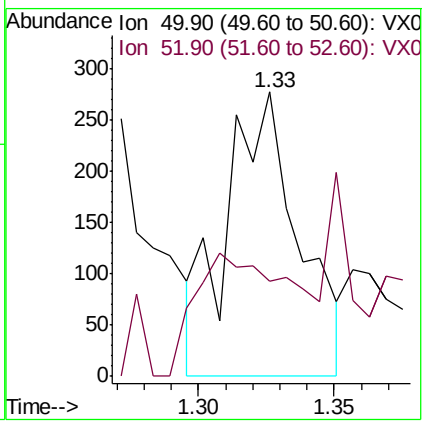


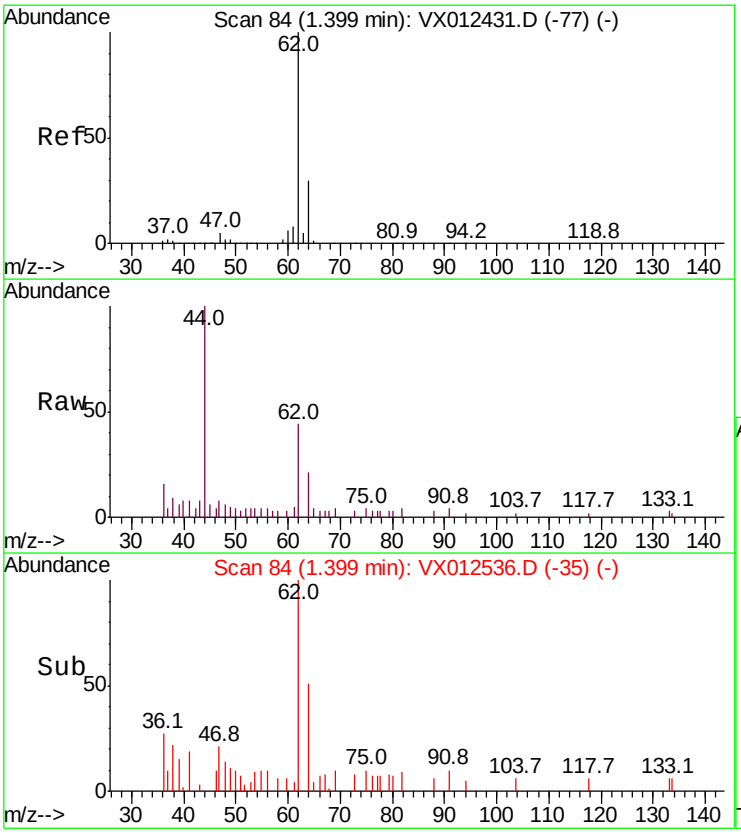
#3
Chloromethane
Concen: 0.487 ug/l
RT: 1.33 min Scan# 72
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 50 Resp: 508

Ion	Ratio	Lower	Upper
50	100		
52	12.7	25.7	38.5#

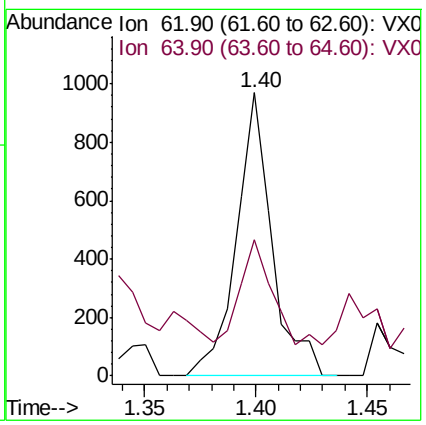


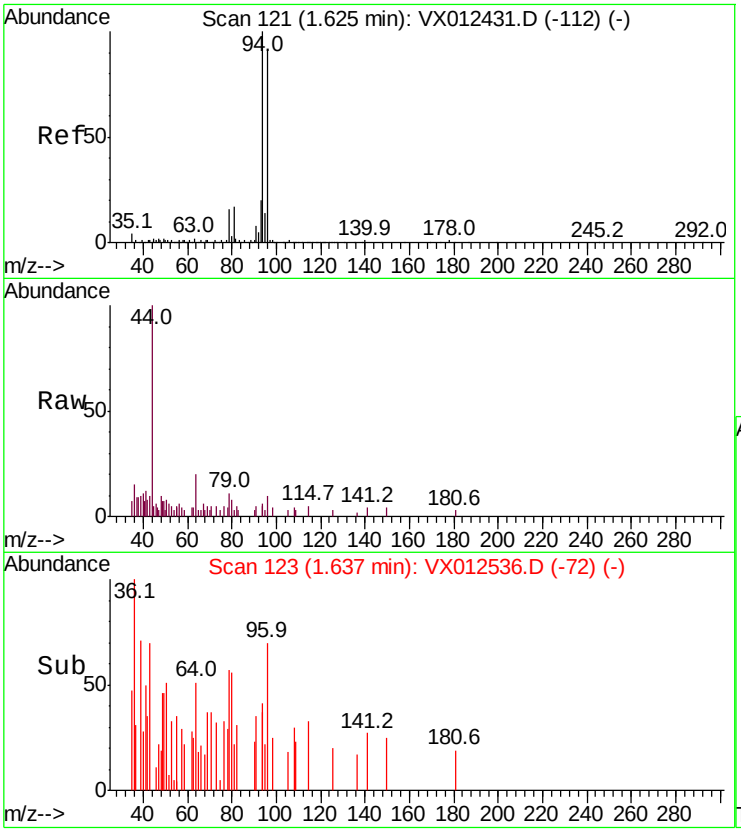


#4
Vinyl Chloride
Concen: 0.958 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 62 Resp: 1080

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.2	36.2



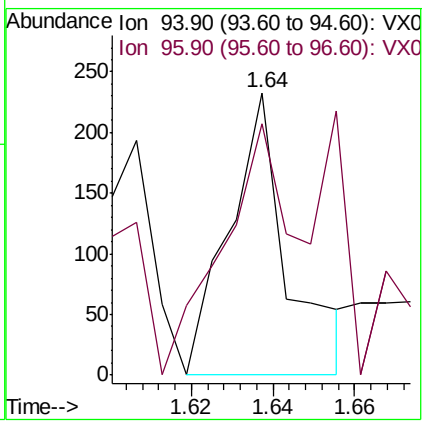


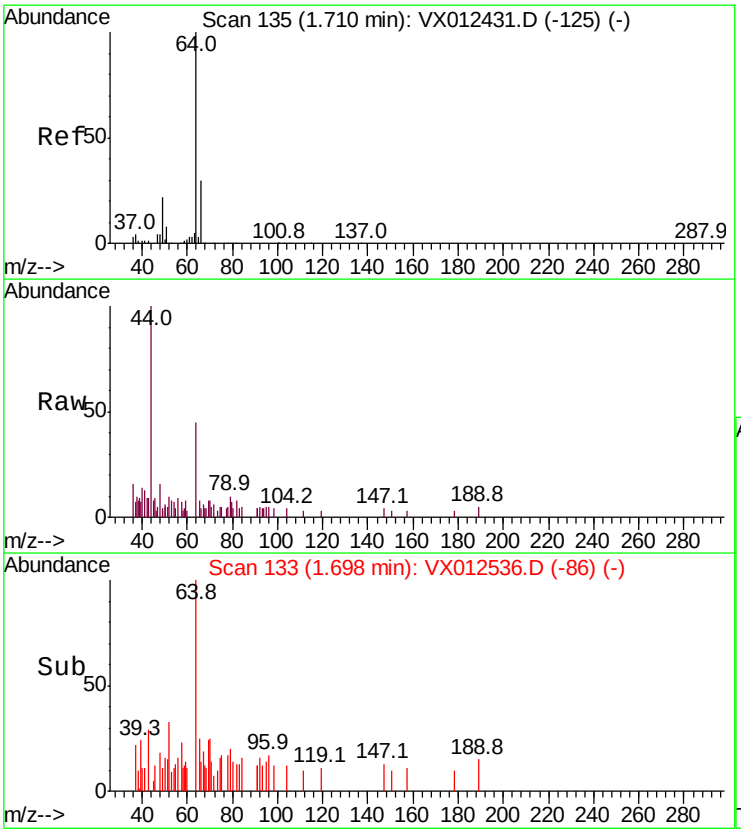
#5
Bromomethane
Concen: 0.522 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 94 Resp: 231

Ion	Ratio	Lower	Upper
94	100		
96	64.4	72.8	109.2#

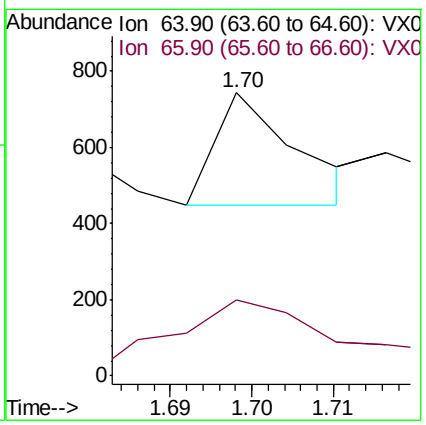


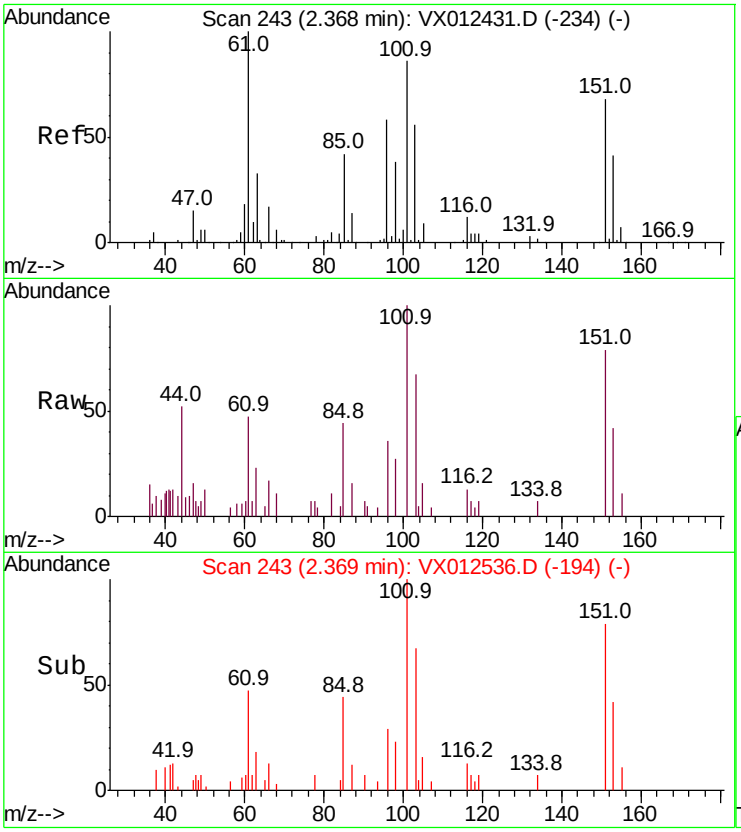


#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 64 Resp: 200

Ion	Ratio	Lower	Upper
64	100		
66	38.2	24.0	36.0#



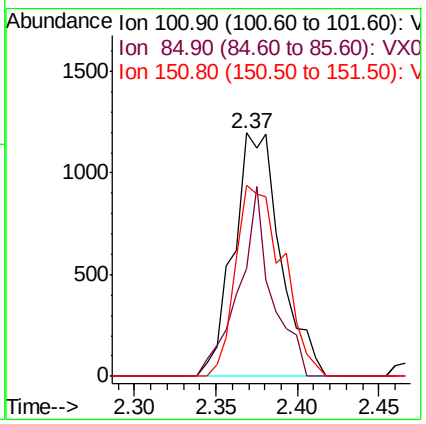


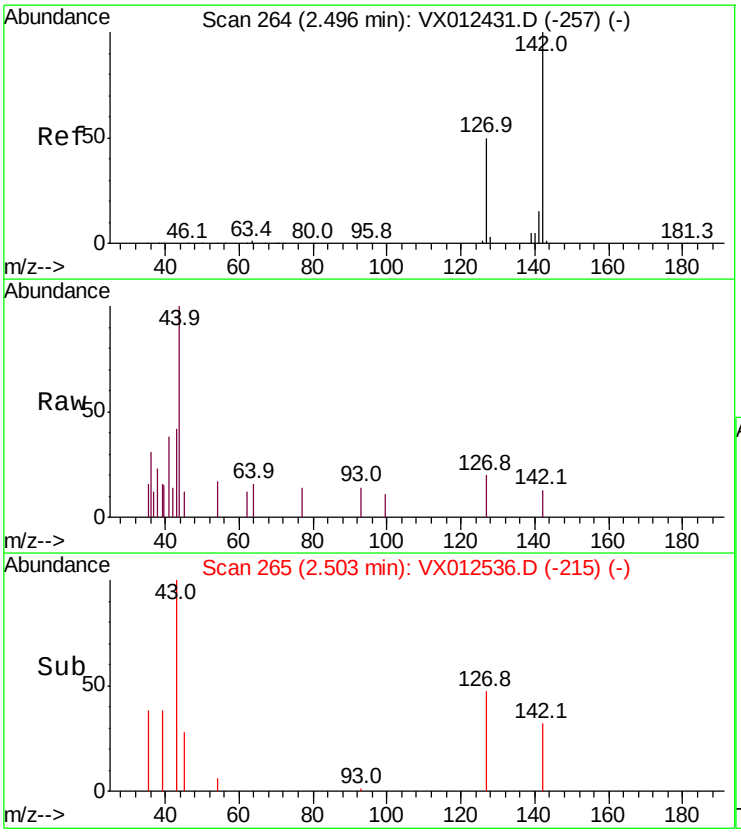
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.608 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion:101 Resp: 2405

Ion	Ratio	Lower	Upper
101	100		
85	54.1	37.3	55.9
151	78.2	61.0	91.4

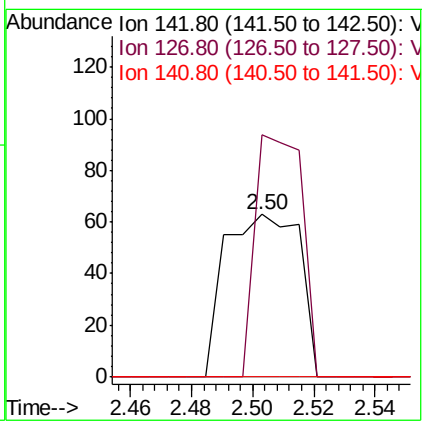


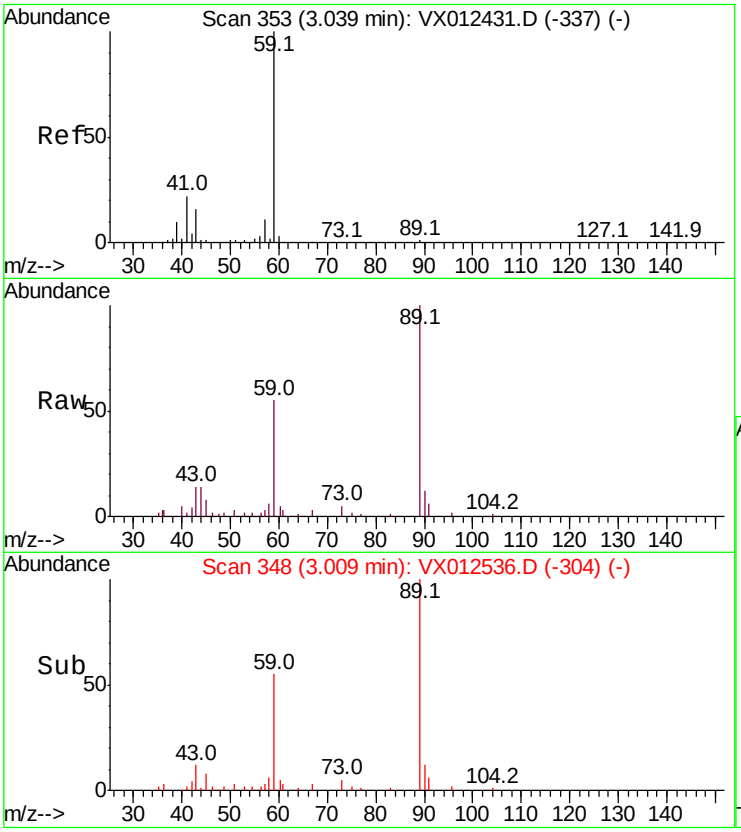


#10
Methyl Iodide
Concen: 4.517 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:142 Resp: 106

Ion	Ratio	Lower	Upper
142	100		
127	94.3	40.8	61.2#
141	0.0	12.1	18.1#



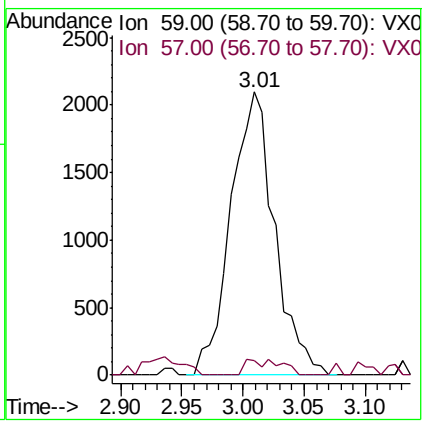


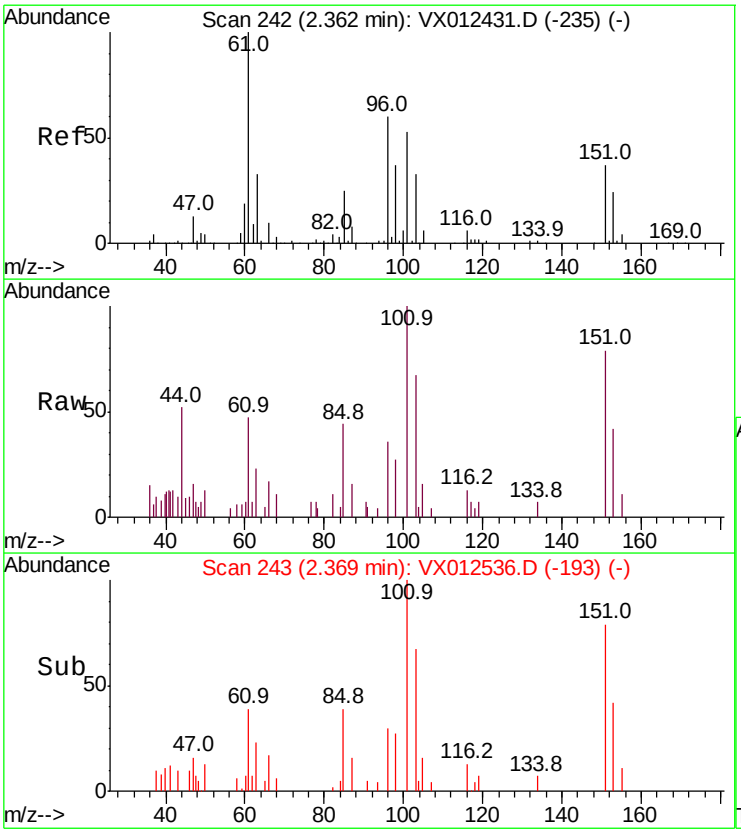
#11
Tert butyl alcohol
Concen: 1.704 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 59 Resp: 5197

Ion	Ratio	Lower	Upper
59	100		
57	2.0	8.3	12.5#

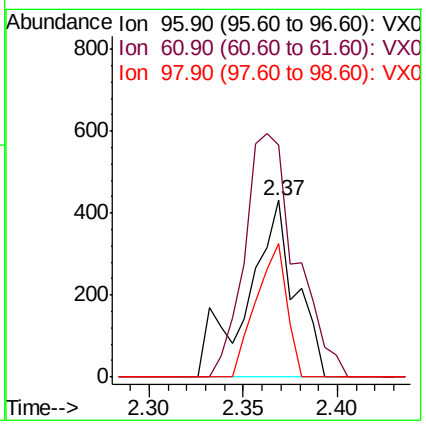


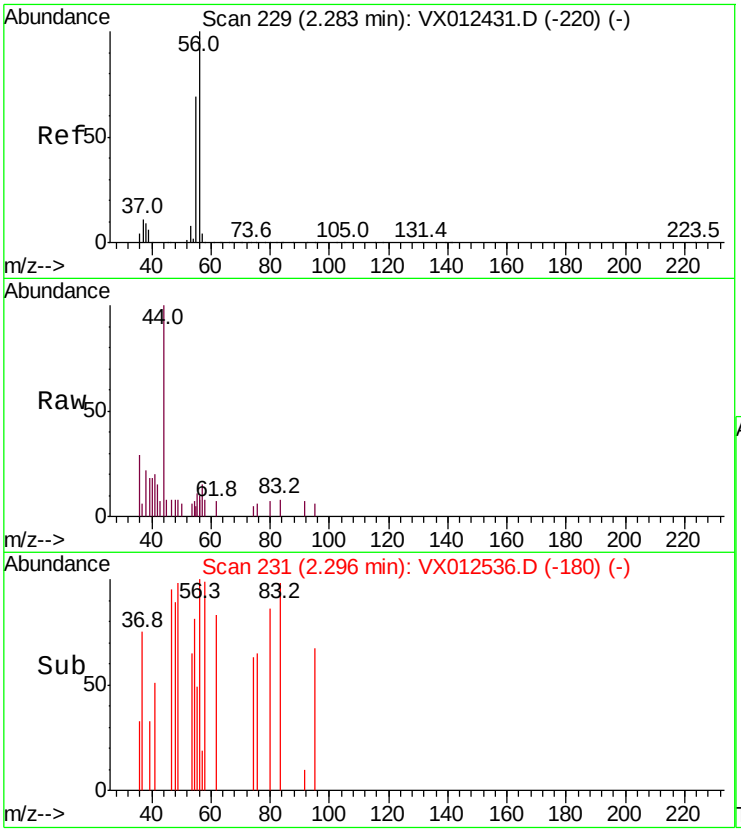


#12
1,1-Dichloroethene
Concen: 0.634 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 96 Resp: 756

Ion	Ratio	Lower	Upper
96	100		
61	131.3	133.8	200.6#
98	75.7	49.9	74.9#



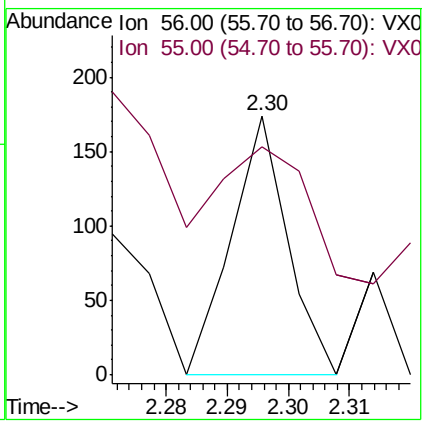


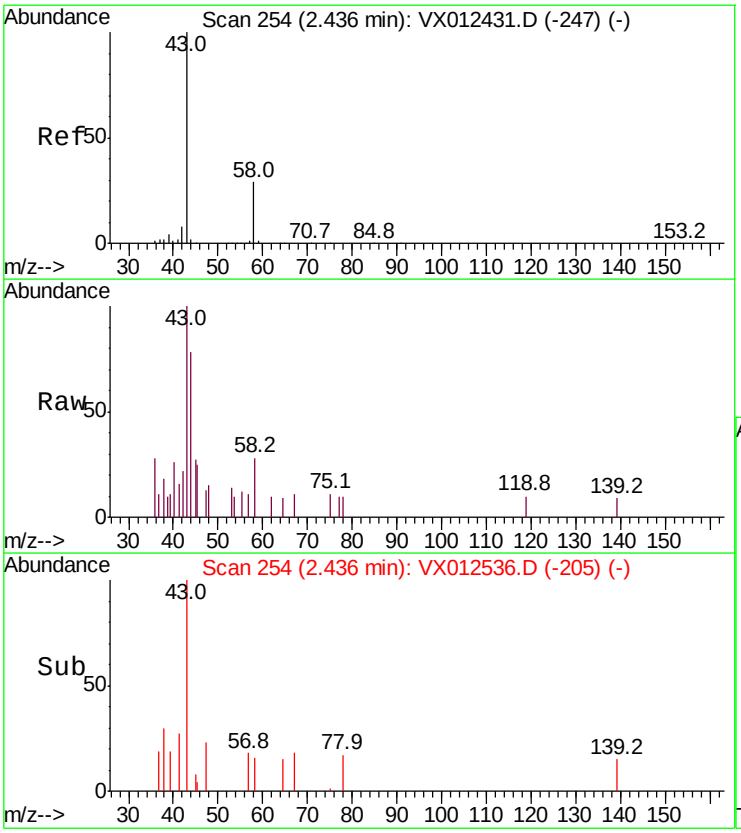
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#

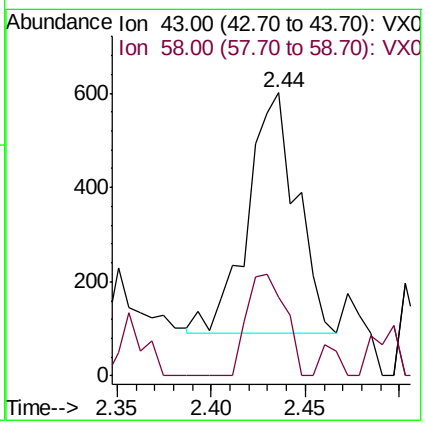


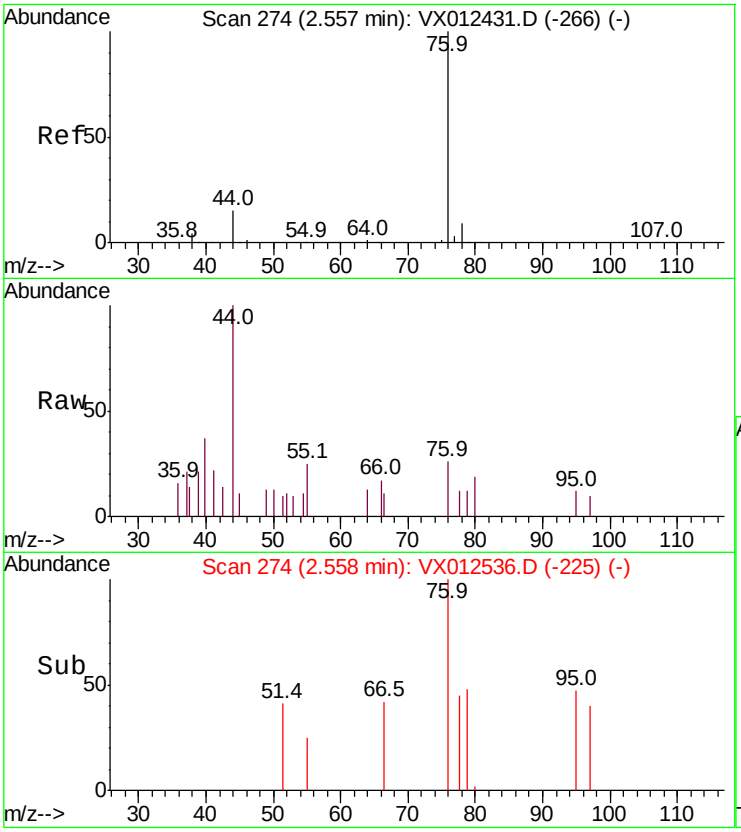


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 43 Resp: 920

Ion	Ratio	Lower	Upper
43	100		
58	32.5	23.3	34.9



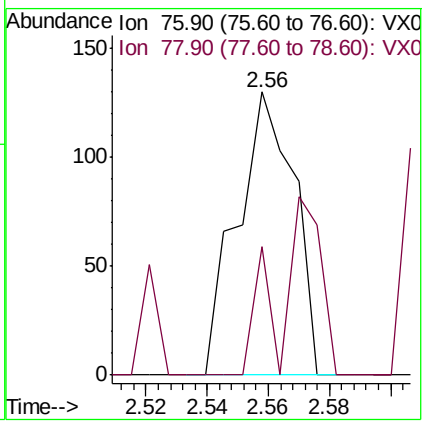


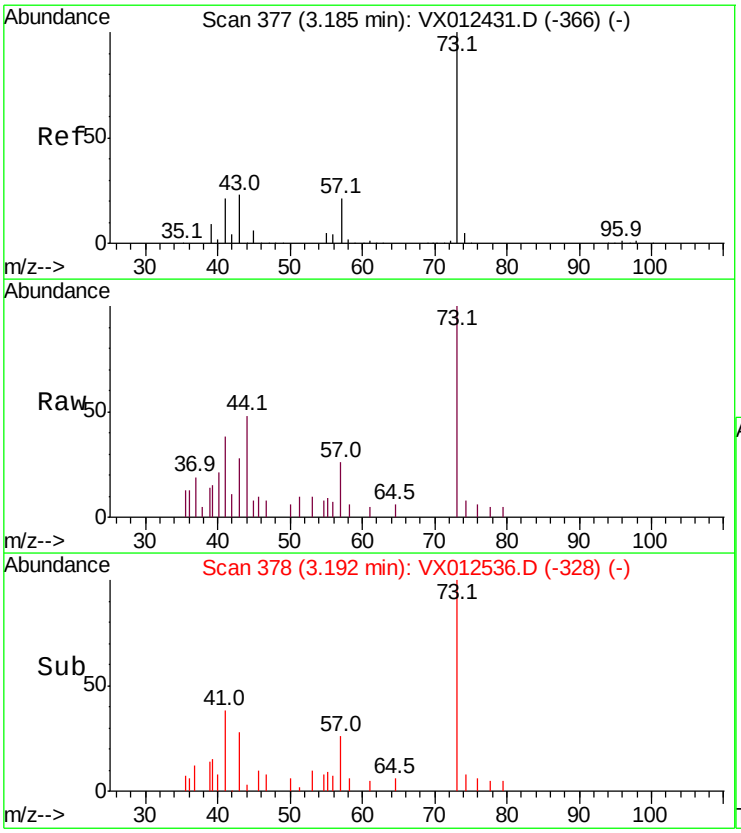
#17
Carbon Disulfide
Concen: 1.902 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 76 Resp: 167

Ion	Ratio	Lower	Upper
76	100		
78	45.4	7.3	10.9#

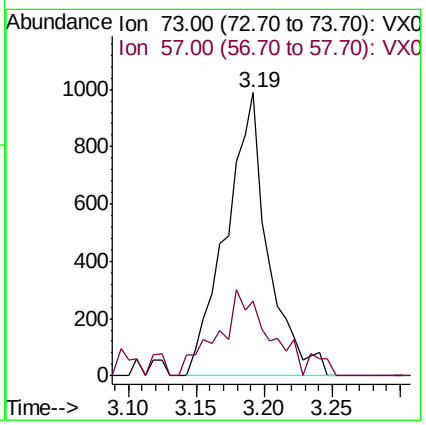


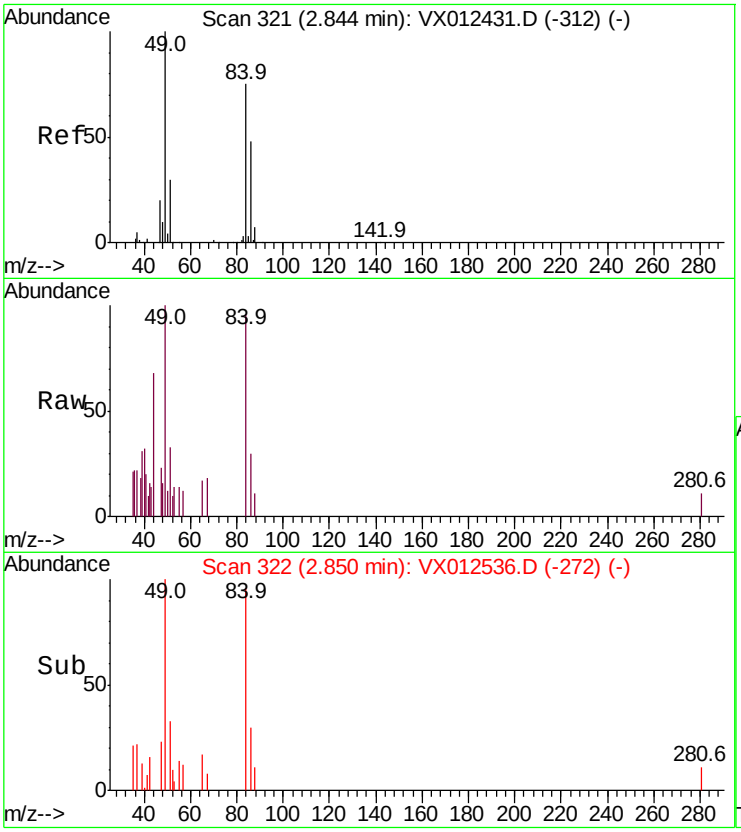


#19
Methyl tert-butyl Ether
Concen: 0.327 ug/l
RT: 3.19 min Scan# 378
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 73 Resp: 2124

Ion	Ratio	Lower	Upper
73	100		
57	26.2	16.8	25.2#



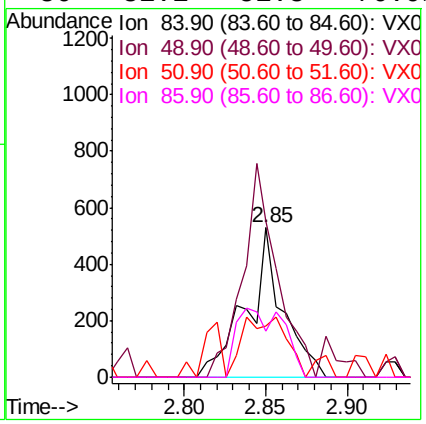


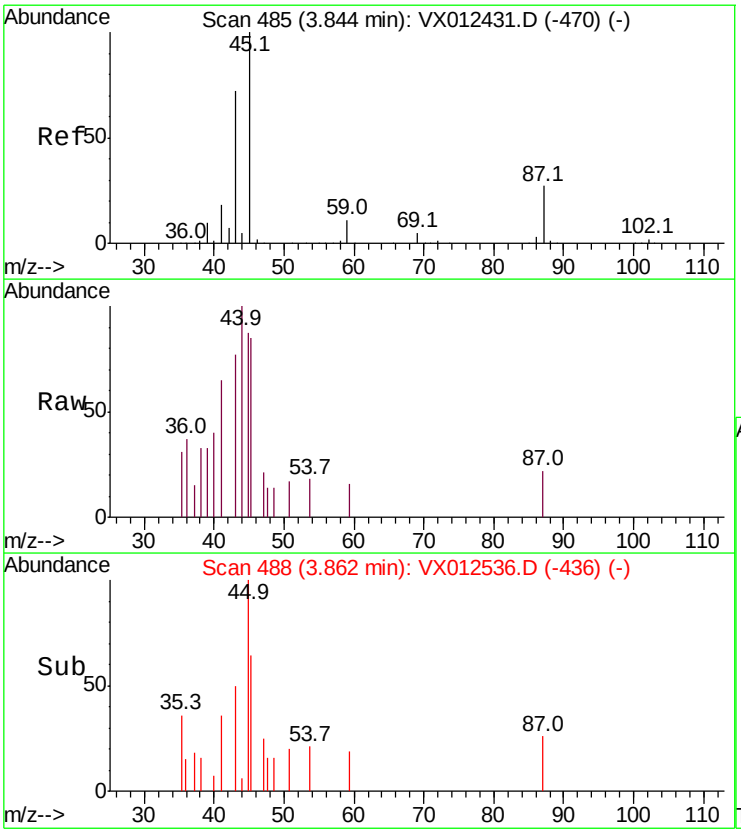
#20
Methylene Chloride
Concen: 0.495 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 84 Resp: 814

Ion	Ratio	Lower	Upper
84	100		
49	104.3	106.8	160.2#
51	34.5	32.3	48.5
86	31.1	51.3	76.9#

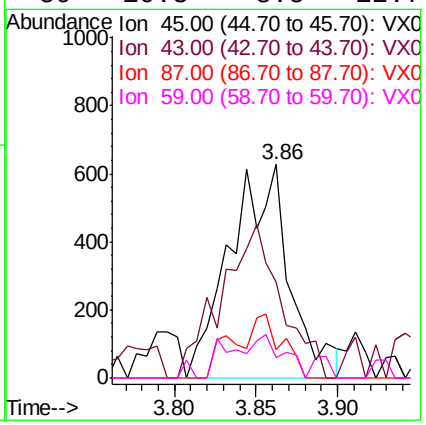


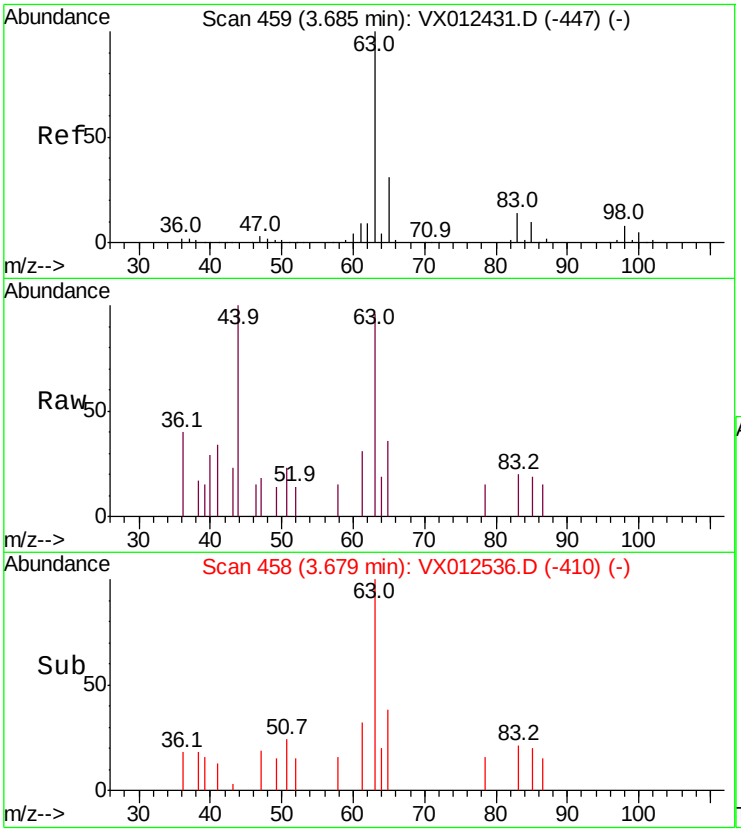


#22
Diisopropyl ether
Concen: 0.244 ug/l
RT: 3.86 min Scan# 488
Delta R.T. 0.02 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 45 Resp: 1584

Ion	Ratio	Lower	Upper
45	100		
43	49.0	57.8	86.8#
87	14.1	21.3	31.9#
59	10.3	8.5	12.7



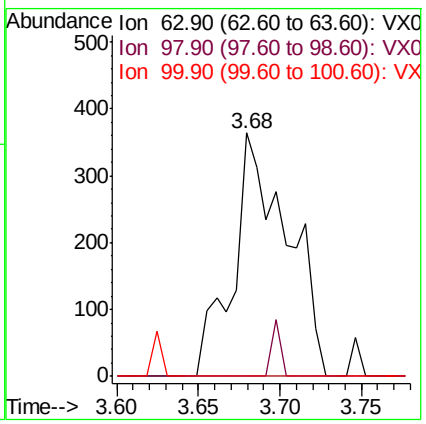


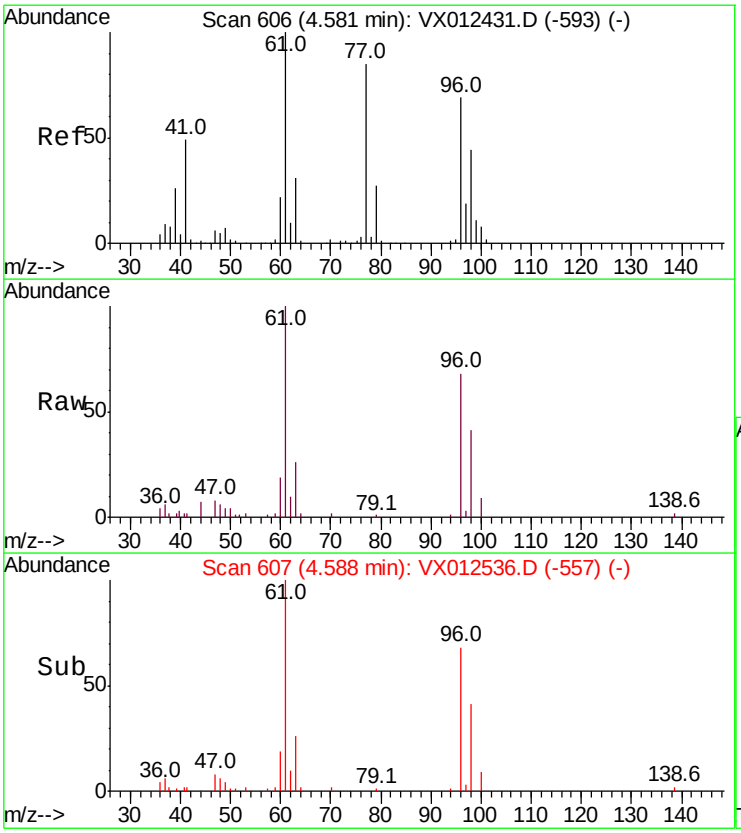
#24
1,1-Dichloroethane
Concen: 0.272 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : RE132D1-20190911DL

Tgt Ion: 63 Resp: 847

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.3	6.9#

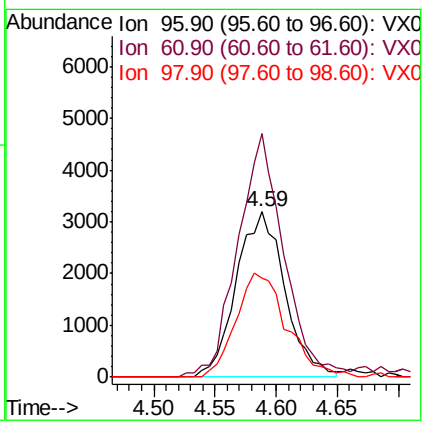


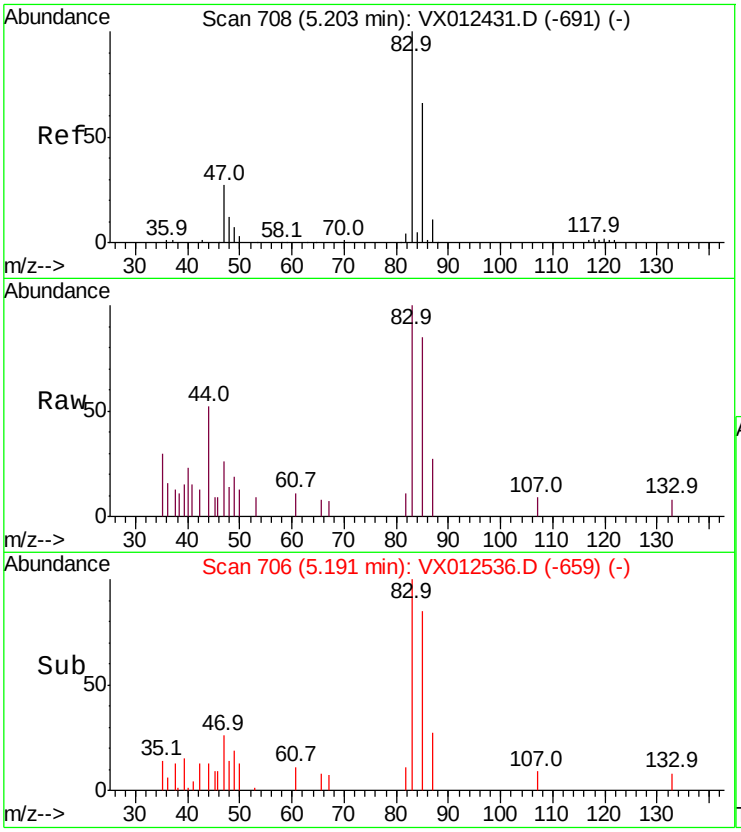


#27
cis-1,2-Dichloroethene
Concen: 4.769 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 96 Resp: 8825

Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	319.4
98	66.0	0.0	130.6



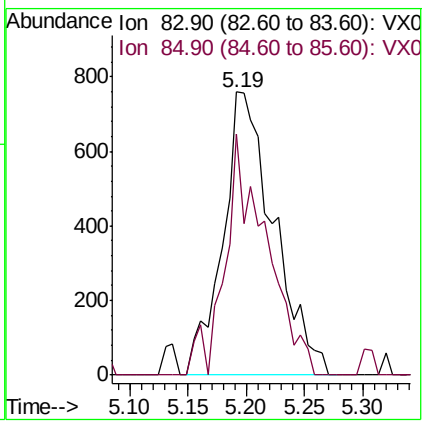


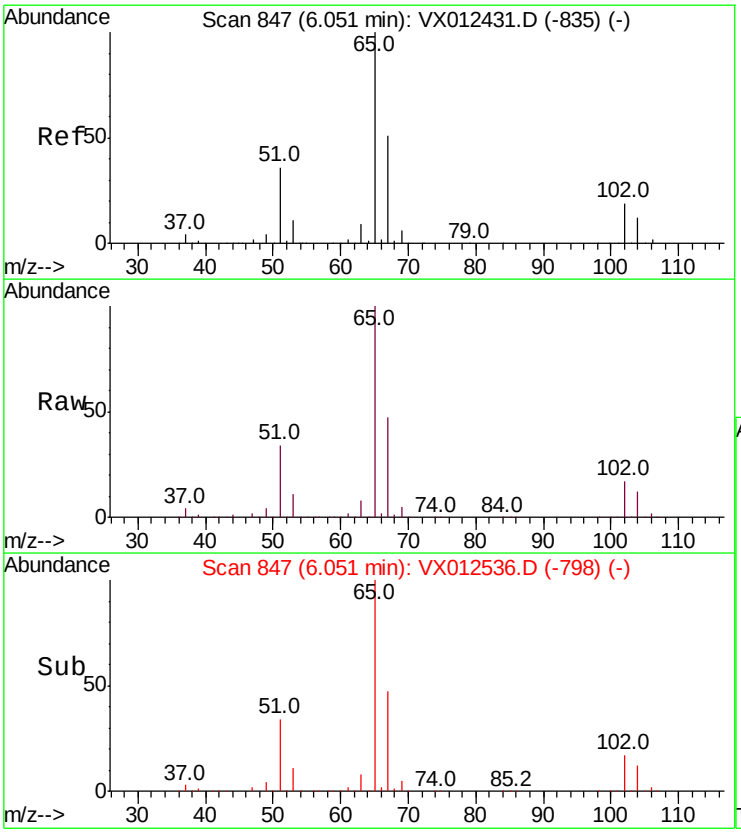
#30
Chloroform
Concen: 0.645 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 83 Resp: 2305

Ion	Ratio	Lower	Upper
83	100		
85	85.0	53.0	79.4#

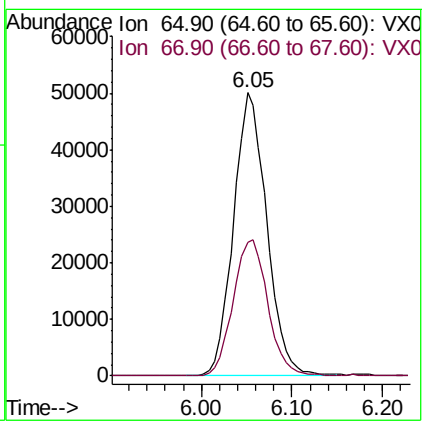


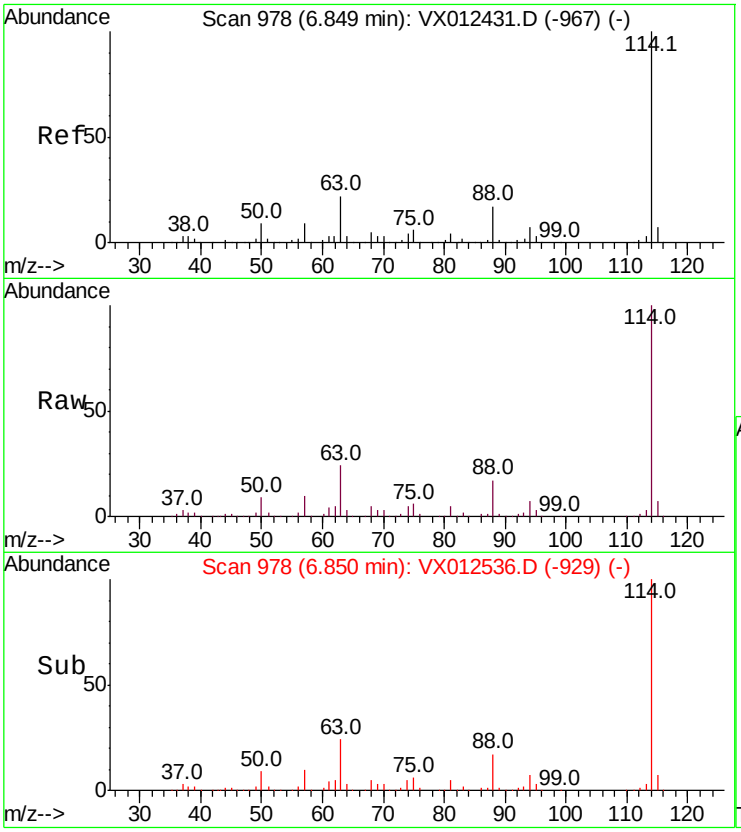


#33
1,2-Dichloroethane-d4
Concen: 46.801 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 65 Resp: 127263

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.2



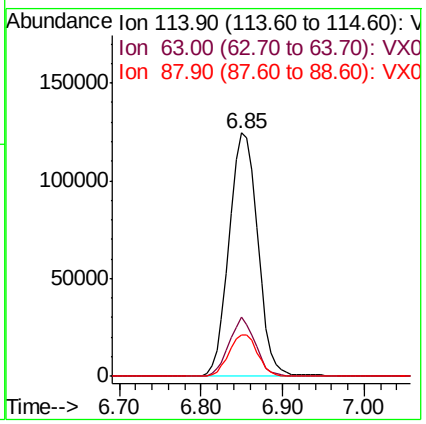


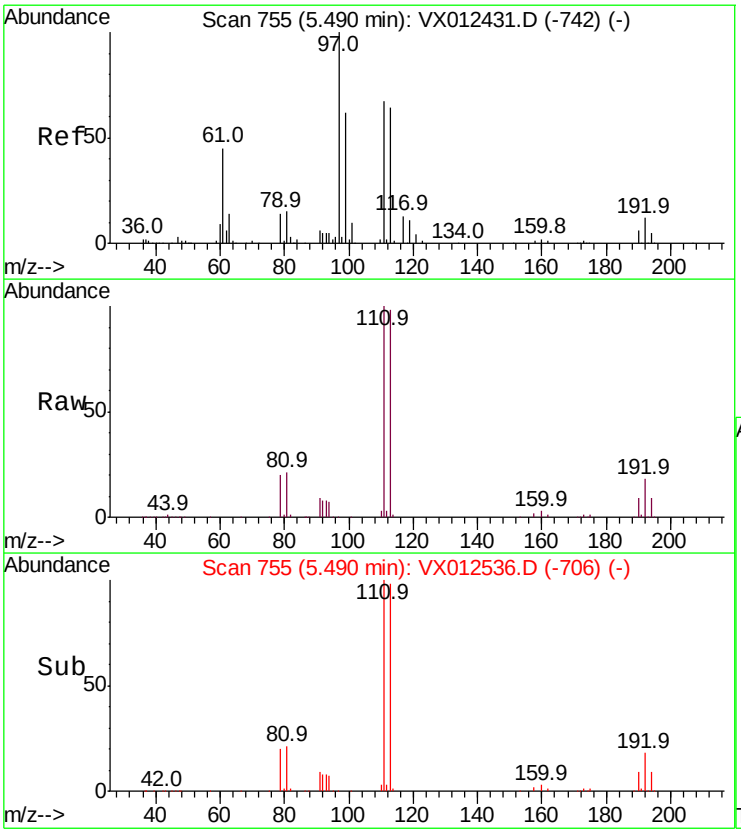
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion:114 Resp: 301917

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	43.2
88	17.1	0.0	33.2

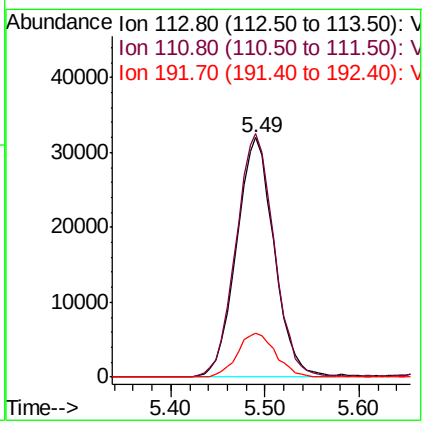


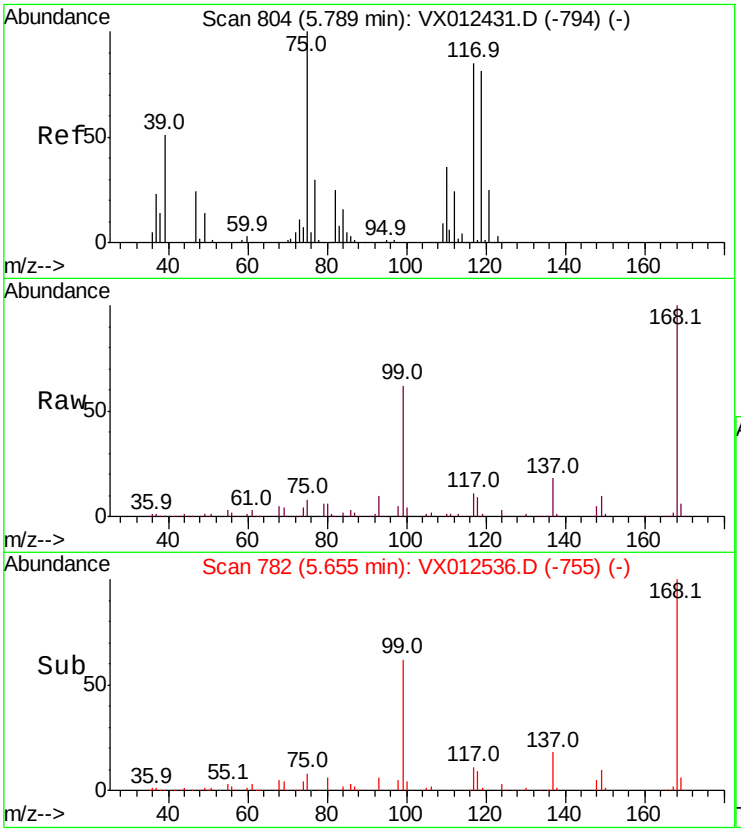


#35
Dibromofluoromethane
Concen: 48.613 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:113 Resp: 88835

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	18.6	14.4	21.6



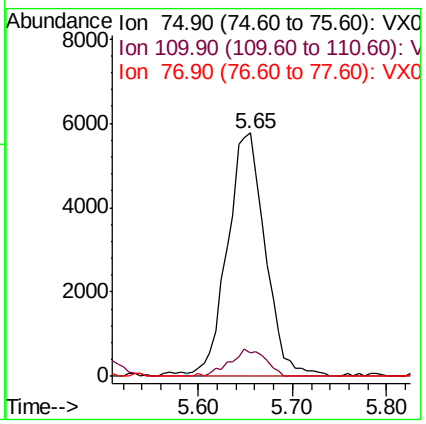


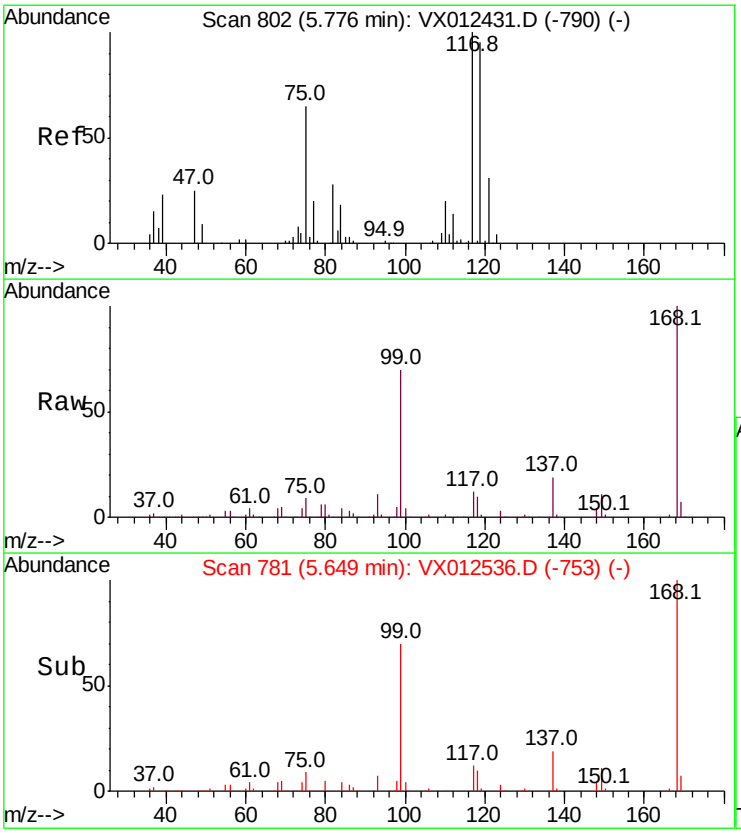
#36
1,1-Dichloropropene
Concen: 8.779 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 75 Resp: 16108

Ion	Ratio	Lower	Upper
75	100		
110	10.3	16.7	50.0#
77	0.0	24.2	36.2#

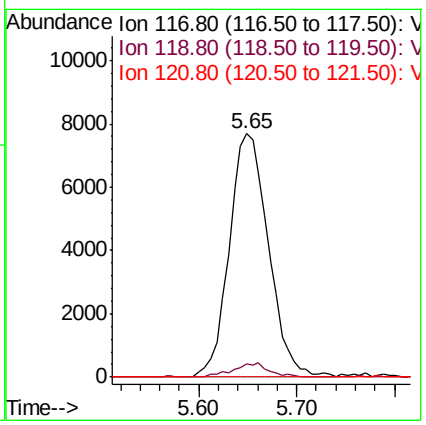


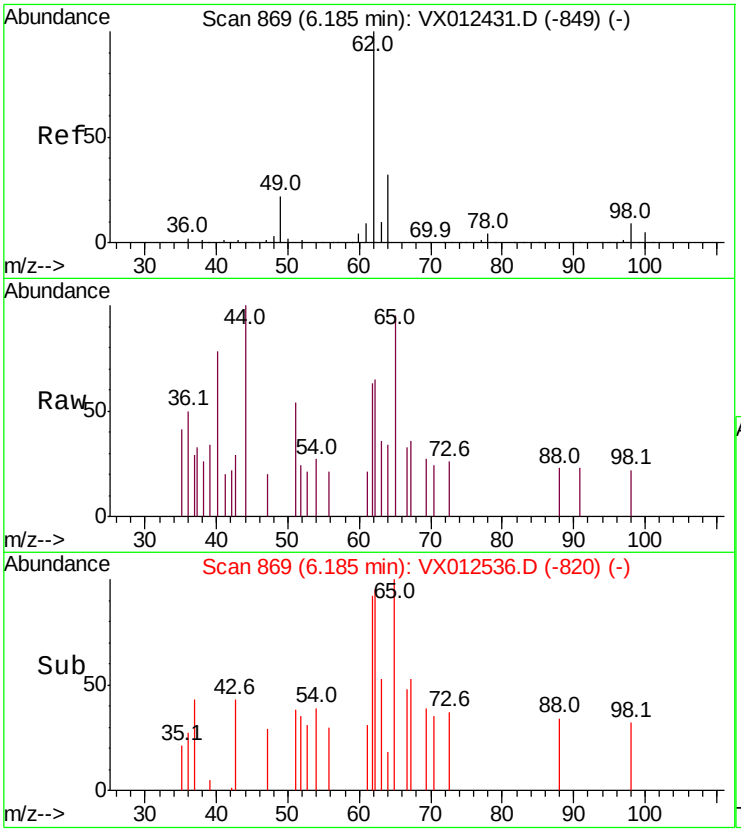


#38
Carbon Tetrachloride
Concen: 9.372 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:117 Resp: 21388

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.7	113.5#
121	0.0	24.2	36.4#



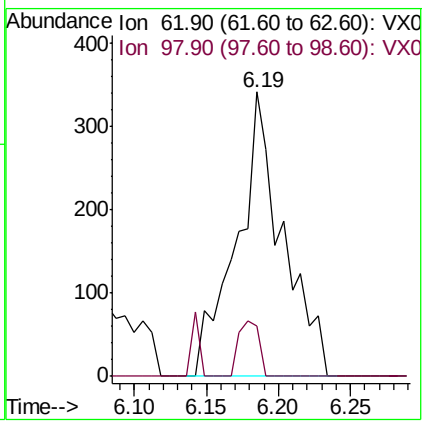


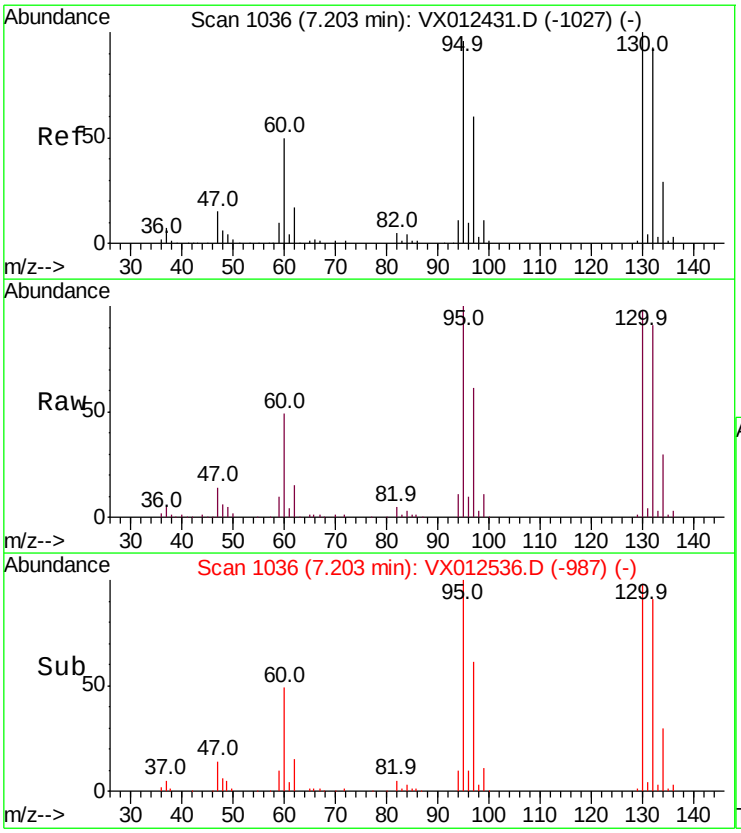
#42
1,2-Dichloroethane
Concen: 0.278 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 62 Resp: 752

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

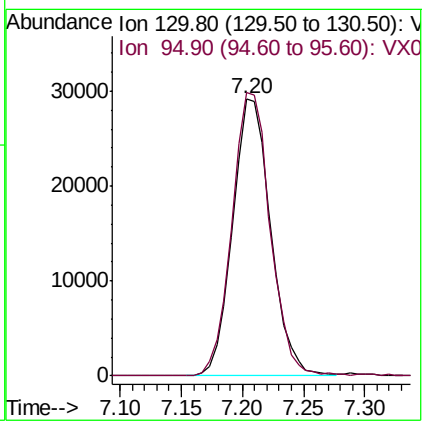


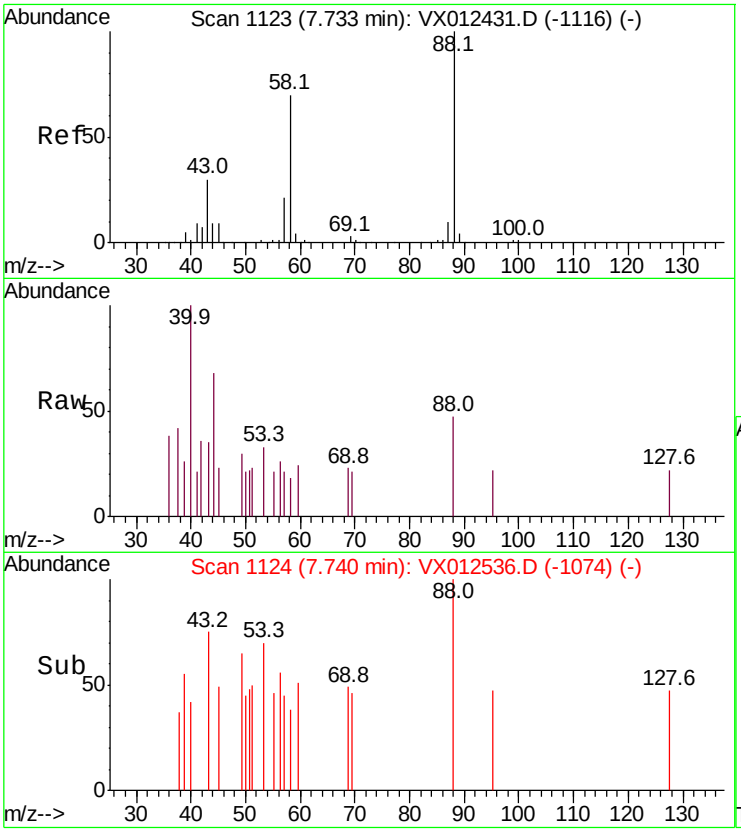


#44
Trichloroethene
Concen: 41.082 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:130 Resp: 63056

Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	193.0



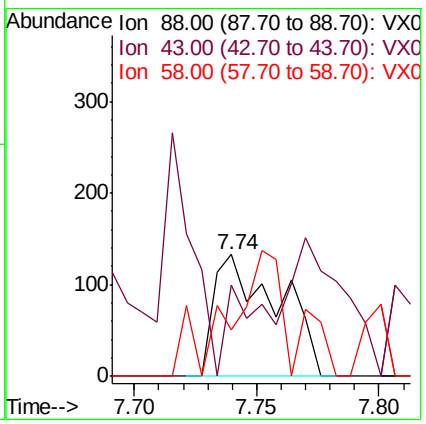


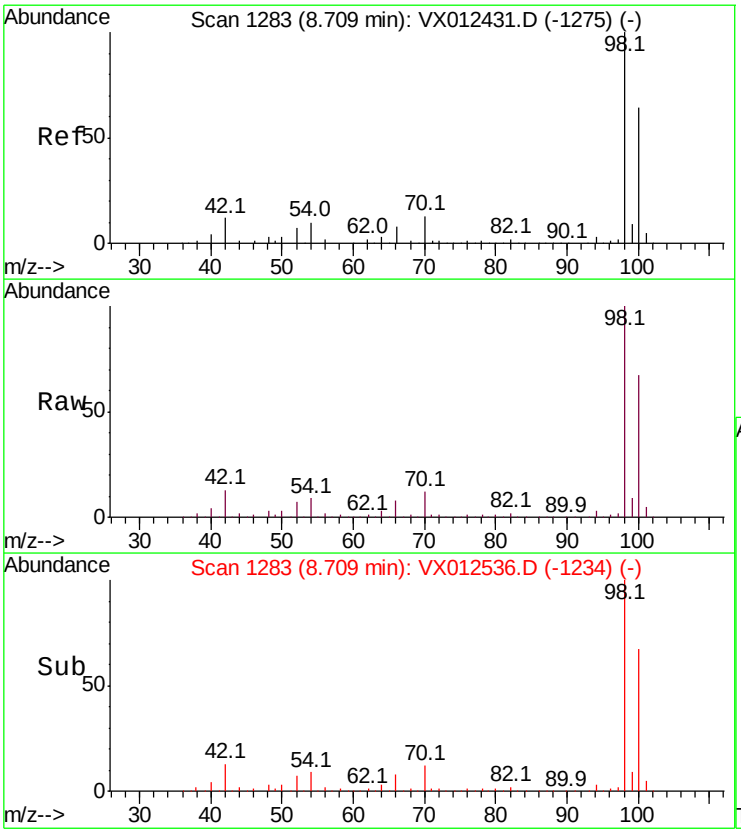
#49
1,4-Dioxane
Concen: 4.173 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 88 Resp: 242

Ion	Ratio	Lower	Upper
88	100		
43	45.0	29.4	44.0#
58	90.5	57.5	86.3#

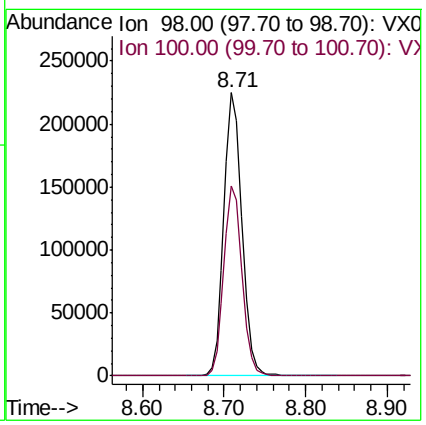


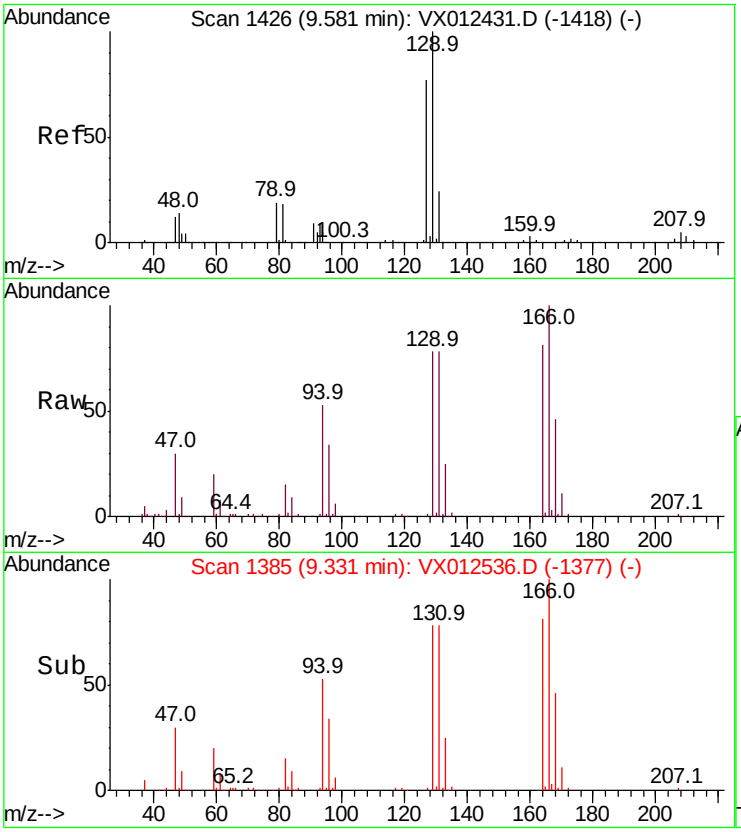


#50
Toluene-d8
Concen: 51.113 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 98 Resp: 345724

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2



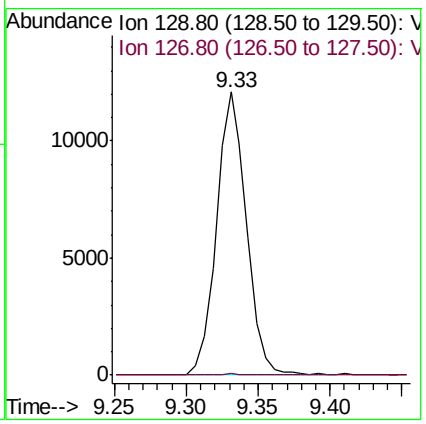


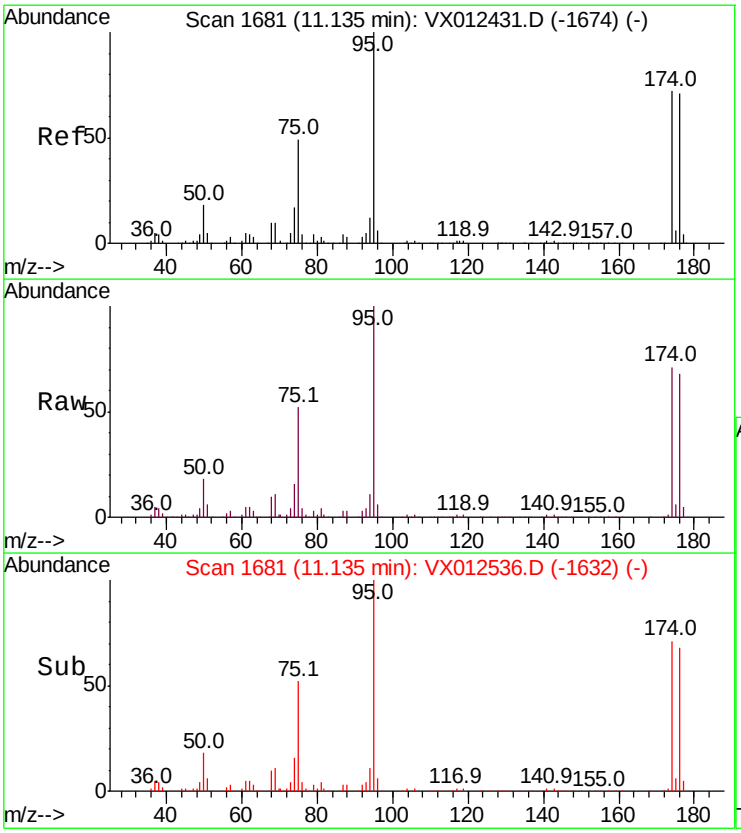
#60
Dibromochloromethane
Concen: 8.874 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion:129 Resp: 17510

Ion	Ratio	Lower	Upper
129	100		
127	0.2	38.9	116.6#

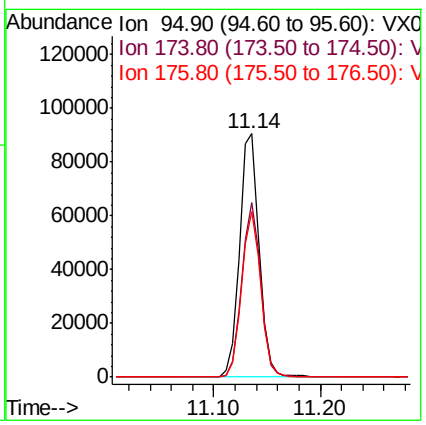


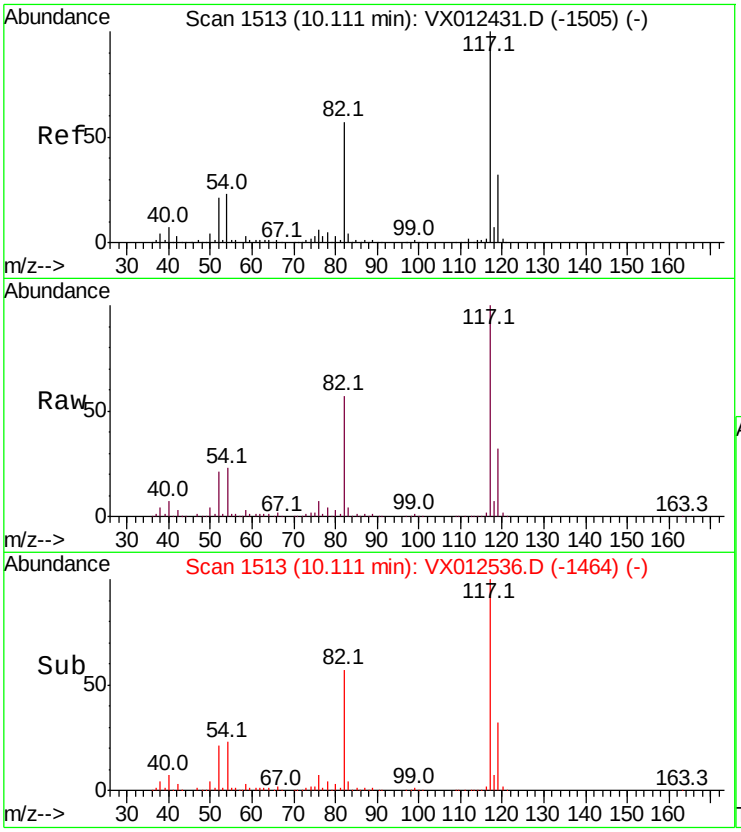


#62
4-Bromofluorobenzene
Concen: 41.686 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 95 Resp: 117073

Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	140.0
176	66.4	0.0	135.4



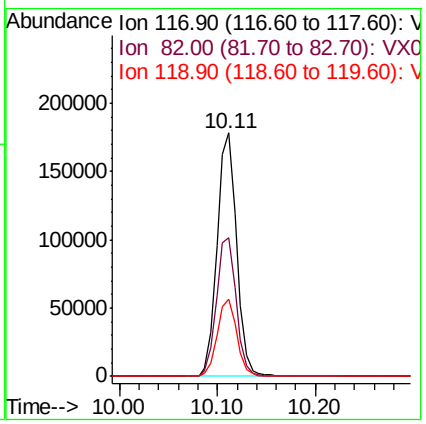


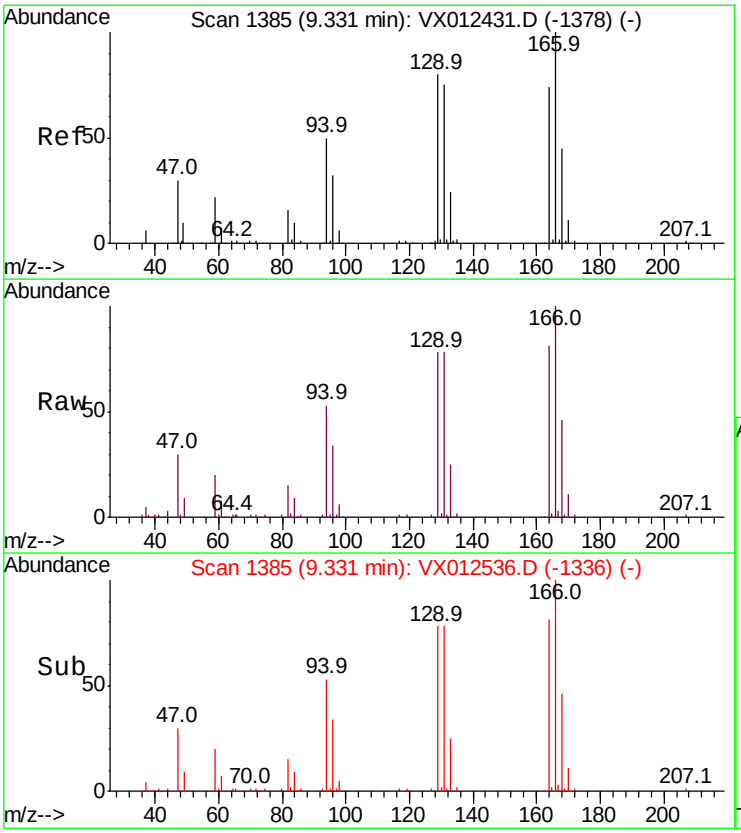
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion:117 Resp: 246443

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.9	68.9
119	31.8	25.3	37.9

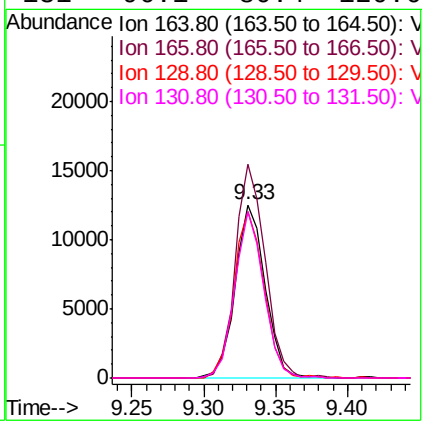


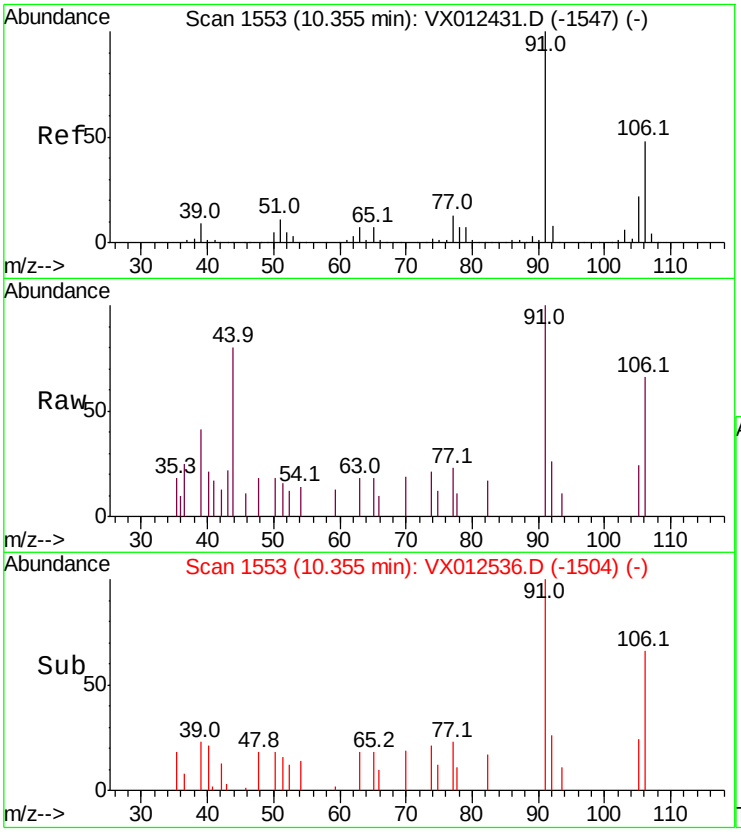


#64
Tetrachloroethene
Concen: 16.071 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:164 Resp: 18149

Ion	Ratio	Lower	Upper
164	100		
166	123.6	107.8	161.6
129	96.6	86.2	129.2
131	96.1	80.4	120.6



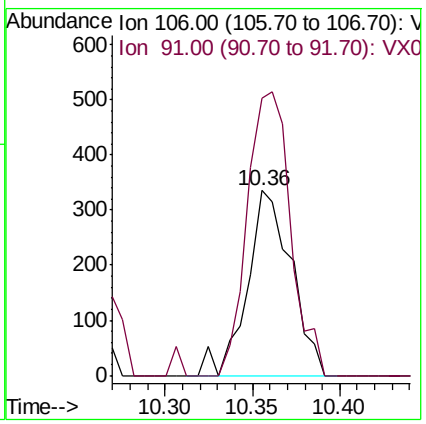


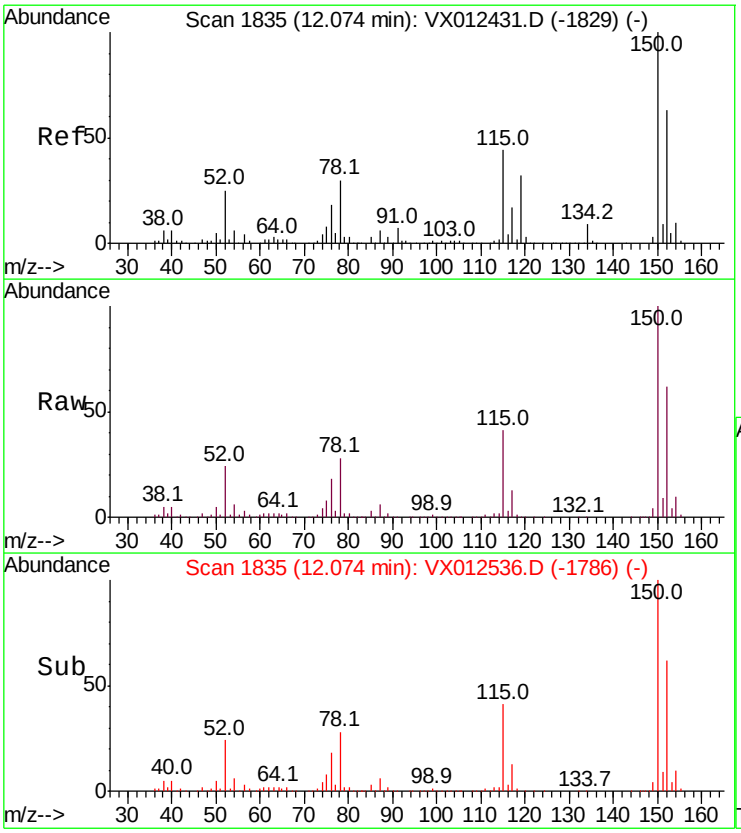
#68
m/p-Xylenes
Concen: 0.231 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument : MSVOA_X
ClientSampleId : RE132D1-20190911DL

Tgt Ion:106 Resp: 588

Ion	Ratio	Lower	Upper
106	100		
91	150.3	166.6	250.0#

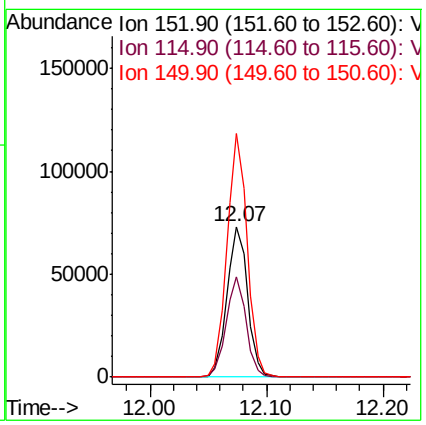


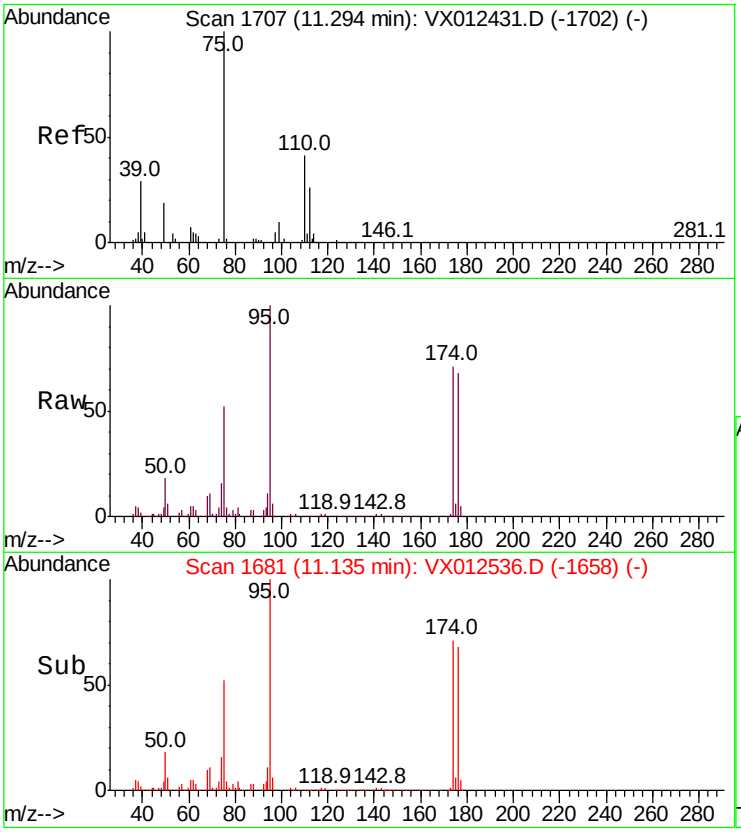


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:152 Resp: 89977

Ion	Ratio	Lower	Upper
152	100		
115	63.8	44.1	132.3
150	157.8	0.0	343.8



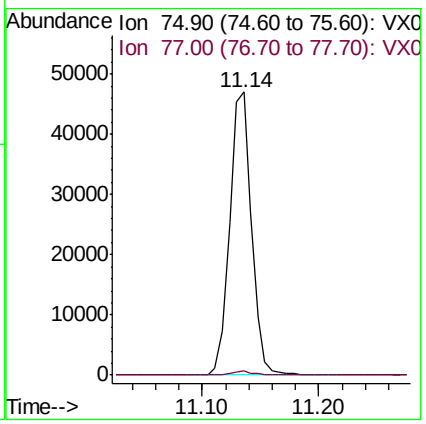


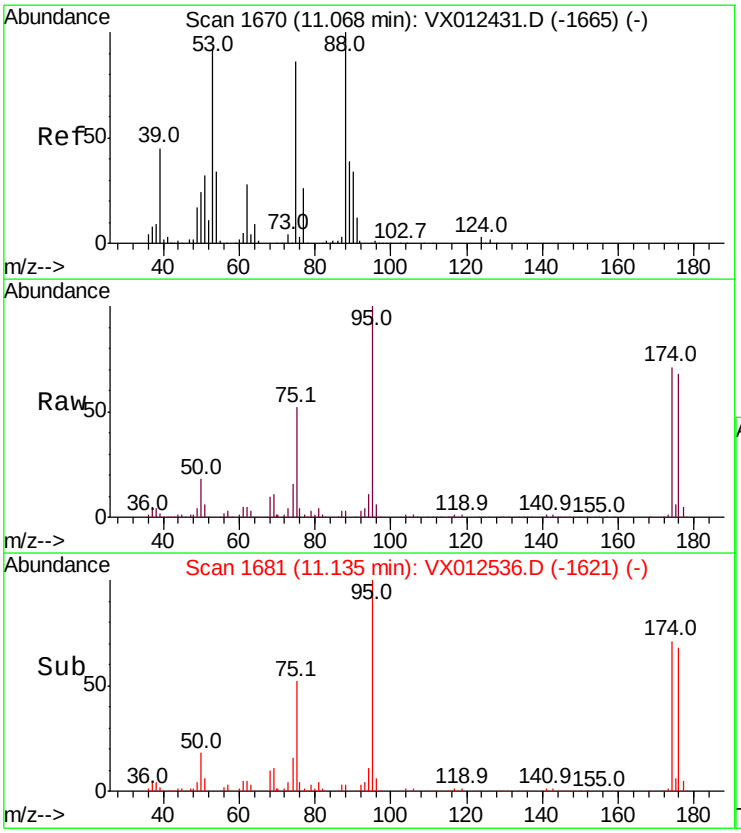
#76
1,2,3-Trichloropropane
Concen: 29.732 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tgt Ion: 75 Resp: 61452

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.668 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 75 Resp: 61452

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.6	125.4#
89	0.0	36.3	54.5#