Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012499.D
Acq On : 19 Sep 2019 01:54
Operator : JC/SP
Sample : K4858-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D5-20190911

Quant Time: Sep 19 06:08:57 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	195799	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	302391	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	246766	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92211	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	127761	45.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.06%				
35) Dibromofluoromethane	5.49	113	92014	50.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.54%				
50) Toluene-d8	8.71	98	340354	50.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.48%				
62) 4-Bromofluorobenzene	11.14	95	117627	41.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	3047	2.705	ug/l		96
3) Chloromethane	1.32	50	1122	1.042	ug/l		97
5) Bromomethane	1.64	94	379	0.829	ug/l	#	28
6) Chloroethane	1.63	64	775	0.851	ug/l	#	64
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21373	13.851	ug/l		99
10) Methyl Iodide	2.50	142	334	4.672	ug/l	#	85
11) Tert butyl alcohol	3.03	59	1223	Below Cal		#	88
12) 1,1-Dichloroethene	2.36	96	4346	3.530	ug/l		88
13) Acrolein	2.28	56	165	Below Cal		#	1
16) Acetone	2.43	43	4013	Below Cal			98
17) Carbon Disulfide	2.56	76	514	2.091	ug/l	#	47
20) Methylene Chloride	2.85	84	419	0.247	ug/l	#	88
24) 1,1-Dichloroethane	3.69	63	2790	0.869	ug/l	#	91
27) cis-1,2-Dichloroethene	4.58	96	3836	2.009	ug/l		85
29) Tetrahydrofuran	5.12	42	294	0.273	ug/l	#	52
30) Chloroform	5.20	83	3758	1.019	ug/l		91
31) Cyclohexane	5.57	56	519	0.268	ug/l	#	63
32) 1,1,1-Trichloroethane	5.48	97	1506	0.489	ug/l	#	47
36) 1,1-Dichloropropene	5.65	75	16232	8.832	ug/l	#	53
38) Carbon Tetrachloride	5.78	117	2368	1.036	ug/l	#	80
39) Methylcyclohexane	7.45	83	855	0.479	ug/l	#	59
42) 1,2-Dichloroethane	6.18	62	599	0.221	ug/l	#	75
44) Trichloroethene	7.21	130	231039	150.288	ug/l		97
48) Methyl methacrylate	7.74	41	533	0.223	ug/l	#	26
49) 1,4-Dioxane	7.87	88	70	1.205	ug/l		96
55) 1,1,2-Trichloroethane	9.21	97	1099	0.566	ug/l	#	85
64) Tetrachloroethene	9.33	164	284	0.251	ug/l	#	79
71) Bromoform	10.78	173	21	2.883	ug/l	#	29
76) 1,2,3-Trichloropropane	11.14	75	60611	28.615	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	60611	76.790	ug/l	#	8

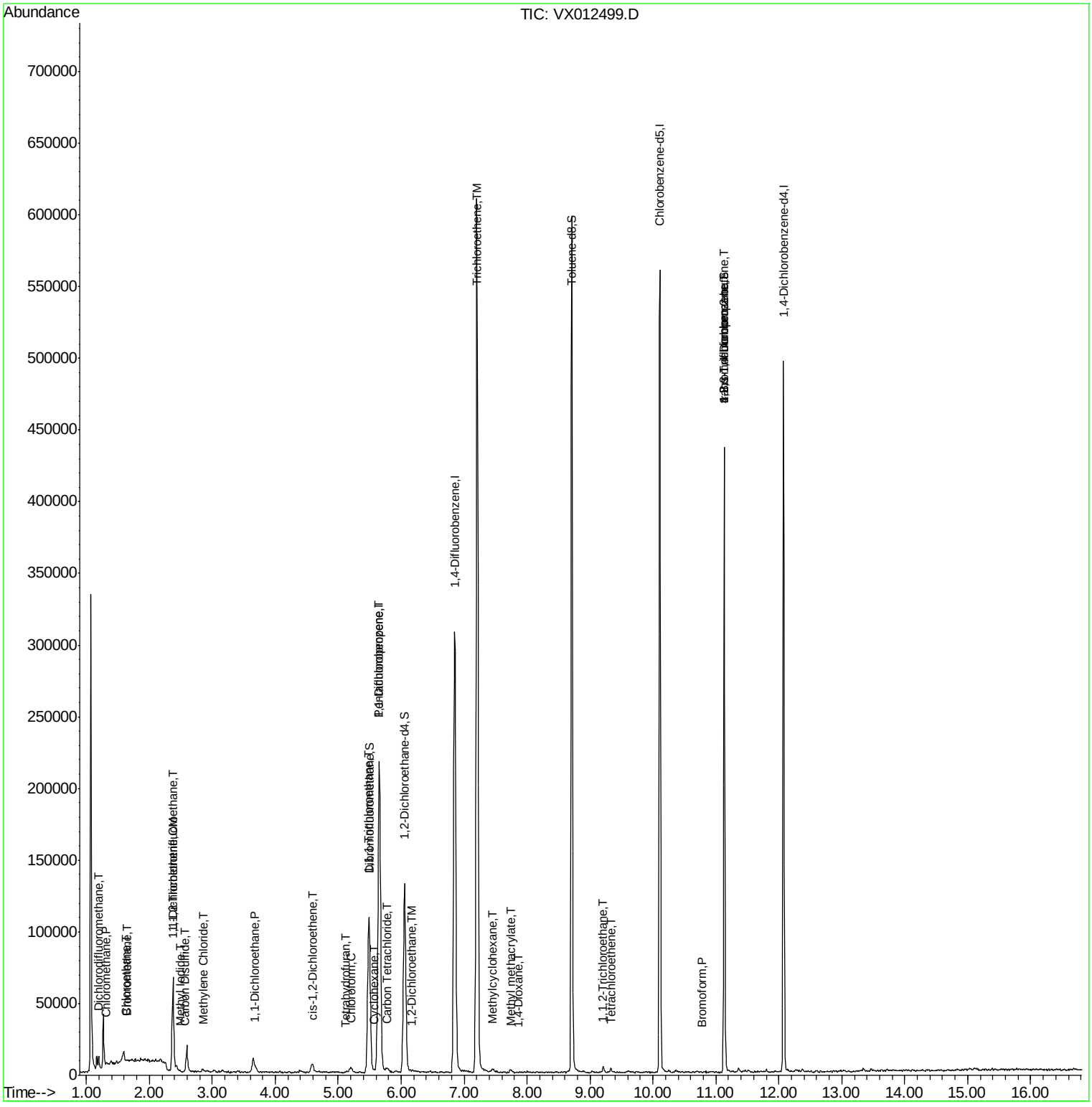
(#) = qualifier out of range (m) = manual integration (+) = signals summed

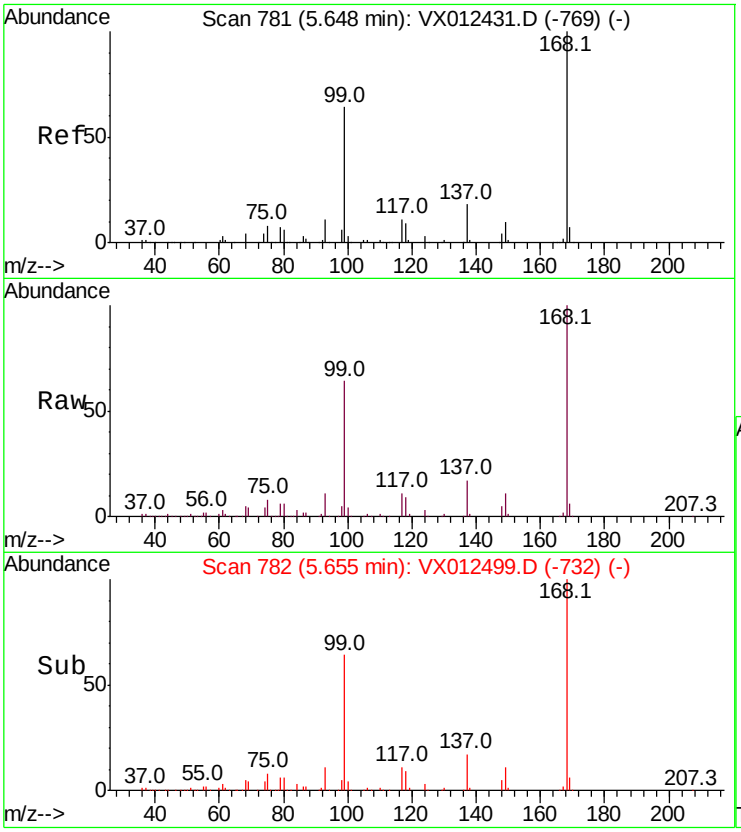
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012499.D
Acq On : 19 Sep 2019 01:54
Operator : JC/SP
Sample : K4858-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D5-20190911

Quant Time: Sep 19 06:08:57 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



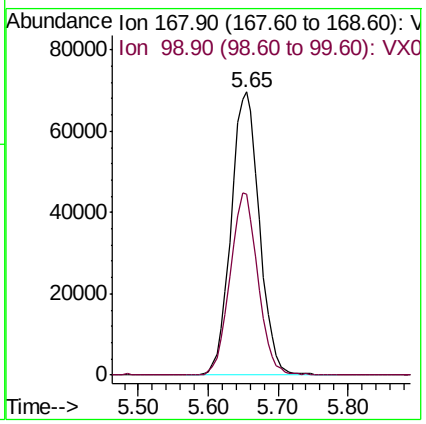


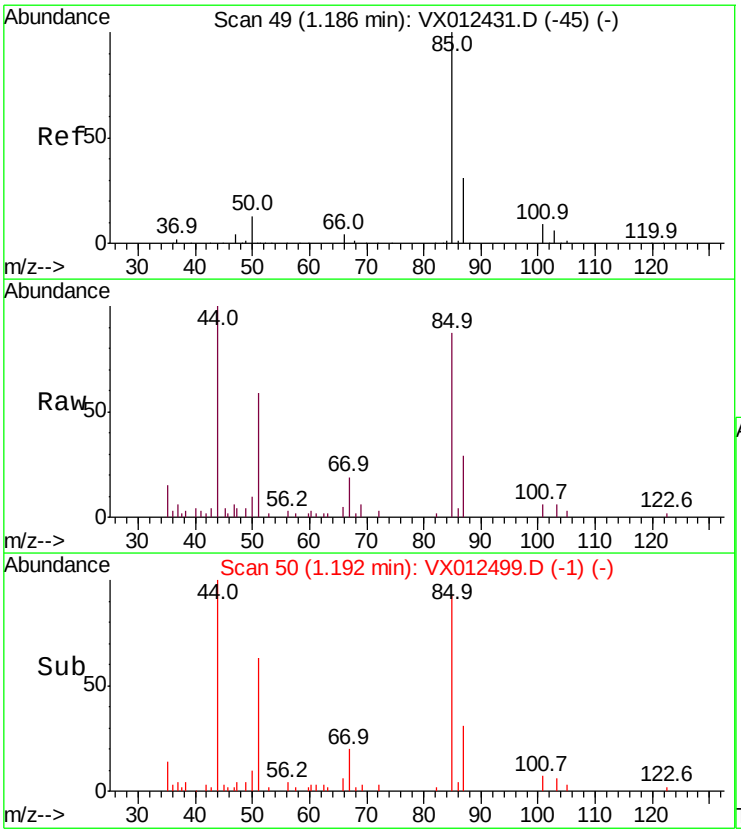
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion:168 Resp: 195799

Ion	Ratio	Lower	Upper
168	100		
99	63.8	51.4	77.2

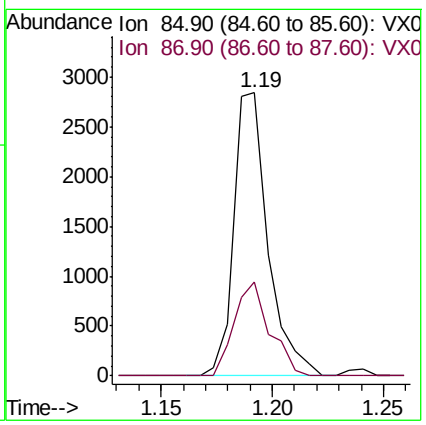


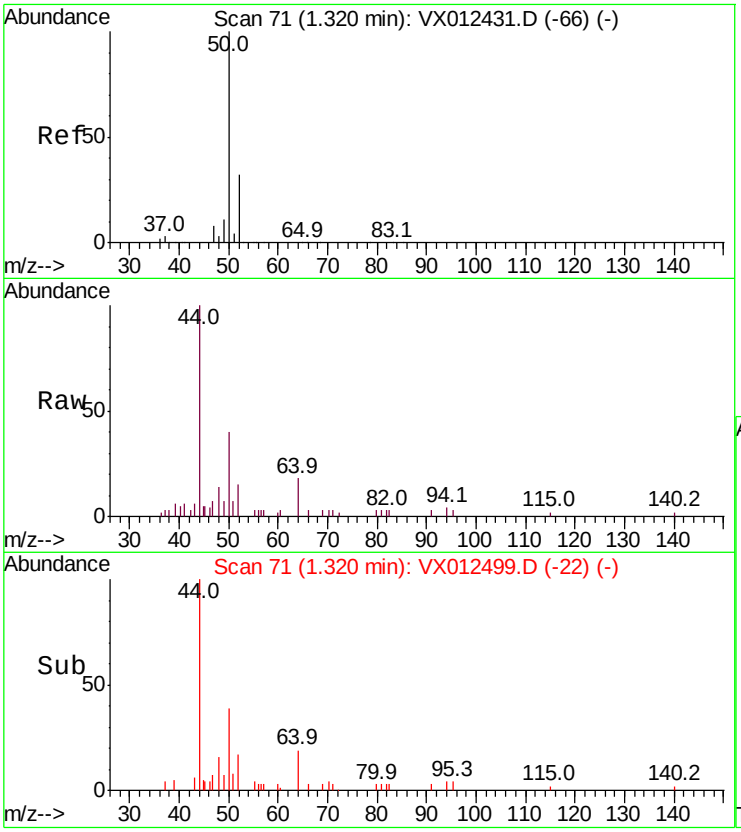


#2
Dichlorodifluoromethane
Concen: 2.705 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 85 Resp: 3047

Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.6	46.8



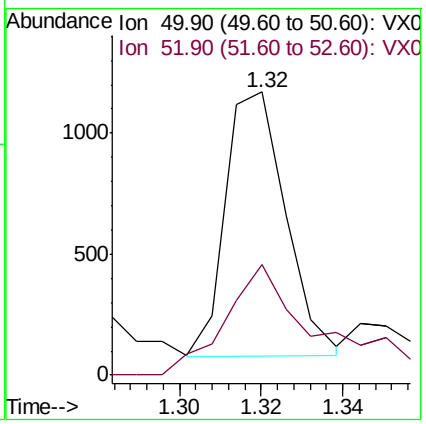


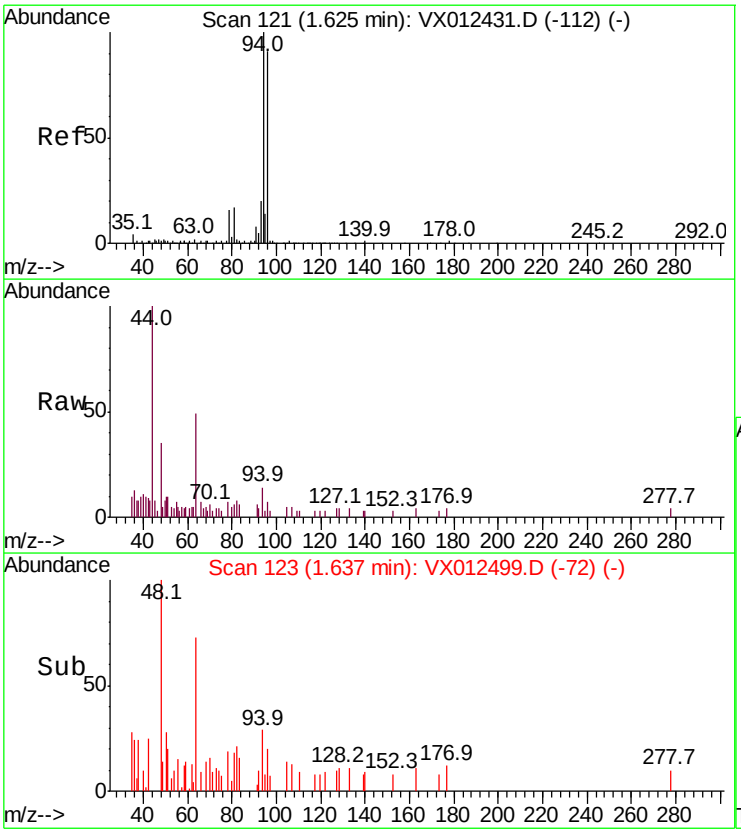
#3
Chloromethane
Concen: 1.042 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 50 Resp: 1122

Ion	Ratio	Lower	Upper
50	100		
52	33.9	25.7	38.5

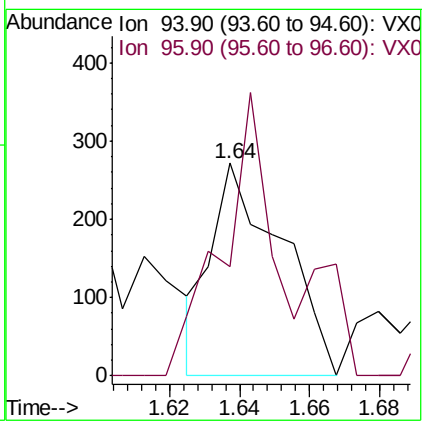


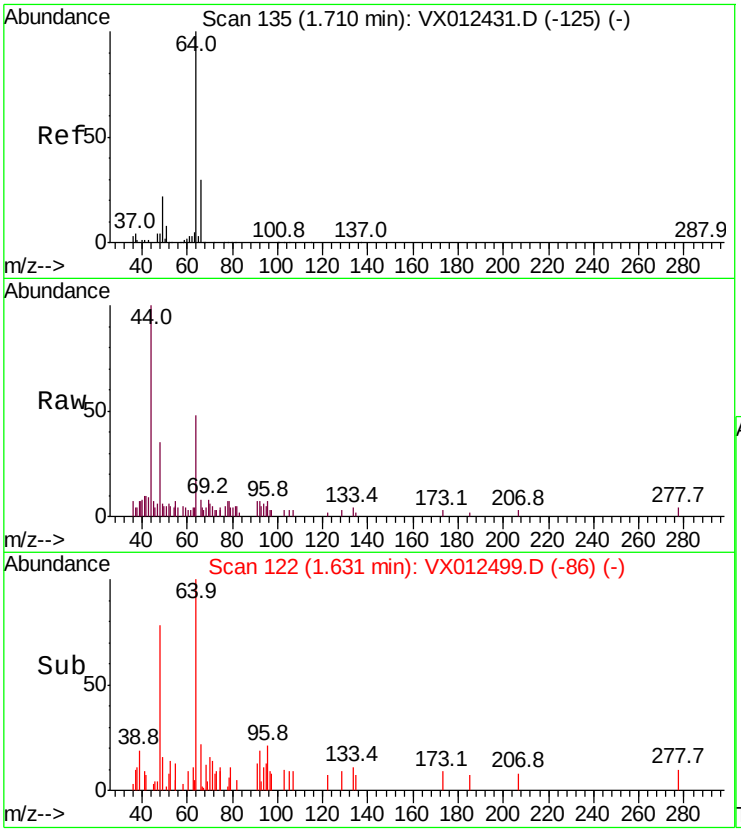


#5
Bromomethane
Concen: 0.829 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 94 Resp: 379

Ion	Ratio	Lower	Upper
94	100		
96	23.2	72.8	109.2#



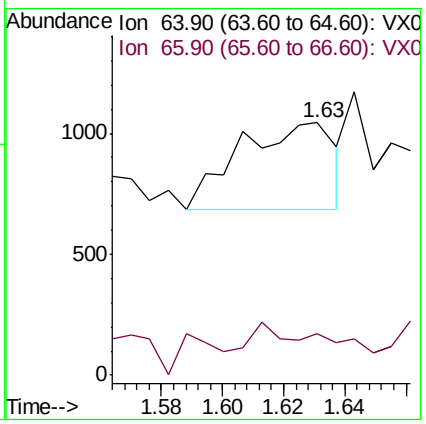


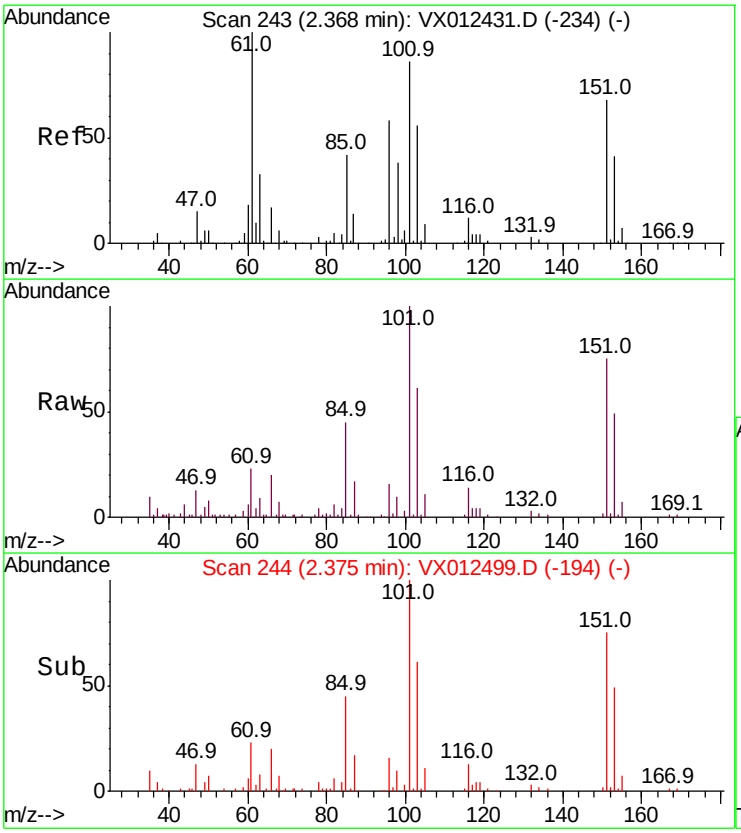
#6
Chloroethane
Concen: 0.851 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.08 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 64 Resp: 775

Ion	Ratio	Lower	Upper
64	100		
66	10.3	24.0	36.0#

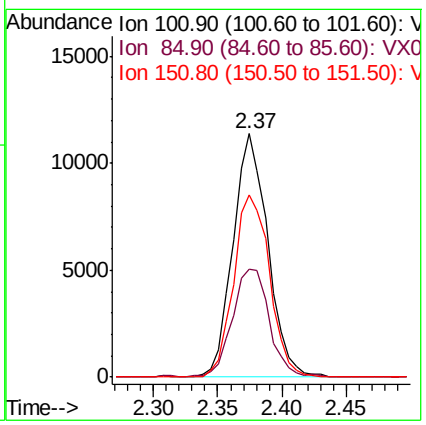


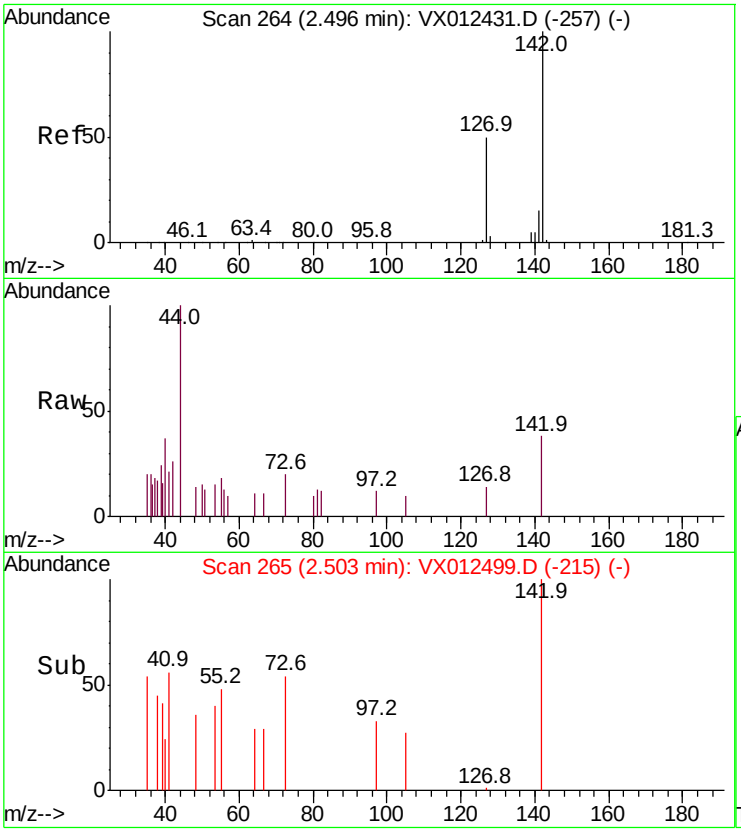


#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.851 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion:101 Resp: 21373

Ion	Ratio	Lower	Upper
101	100		
85	47.1	37.3	55.9
151	76.7	61.0	91.4



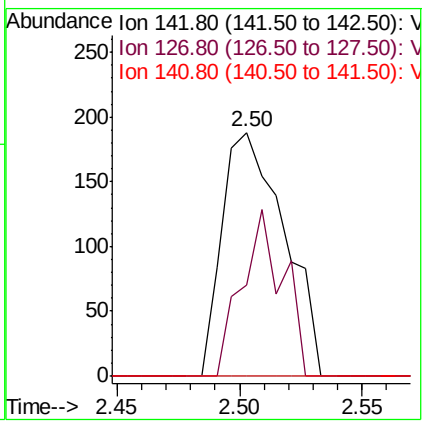


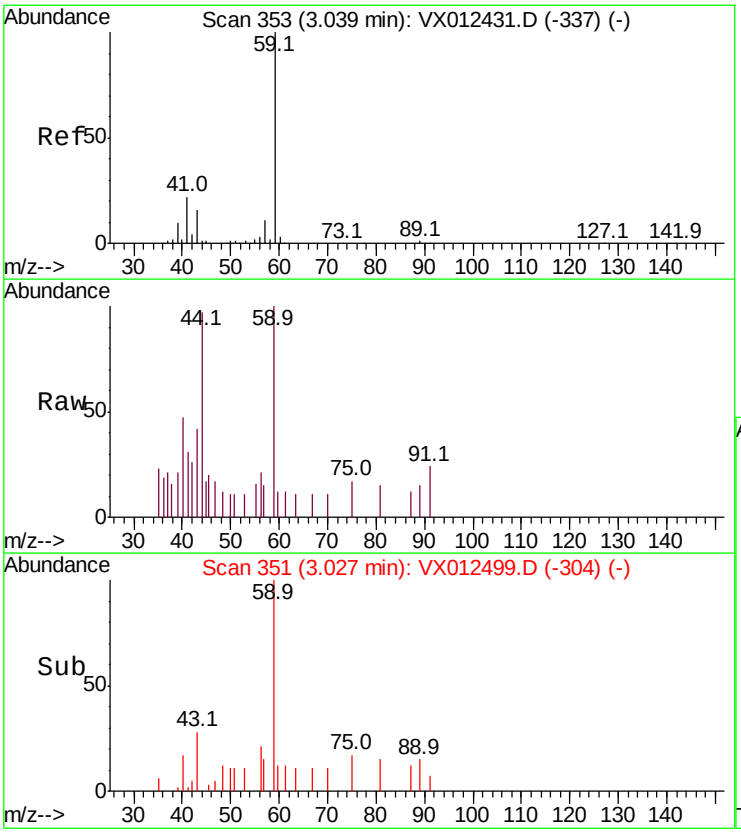
#10
Methyl Iodide
Concen: 4.672 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument : MSVOA_X
ClientSampleId : RE132D5-20190911

Tgt Ion:142 Resp: 334

Ion	Ratio	Lower	Upper
142	100		
127	45.2	40.8	61.2
141	0.0	12.1	18.1#

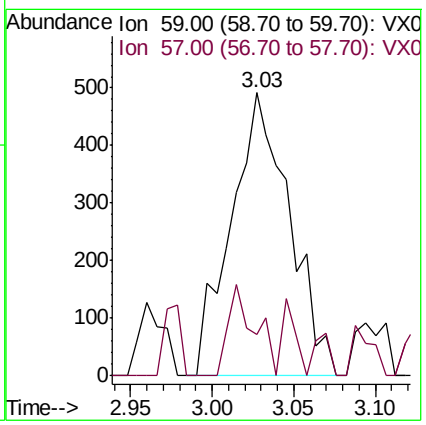


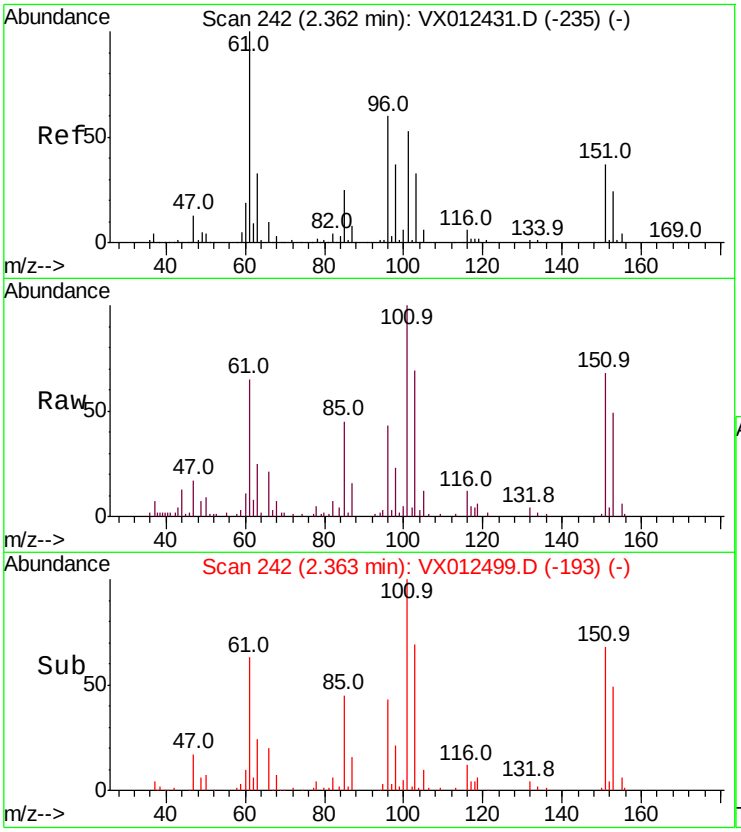


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 59 Resp: 1223

Ion	Ratio	Lower	Upper
59	100		
57	14.7	8.3	12.5#



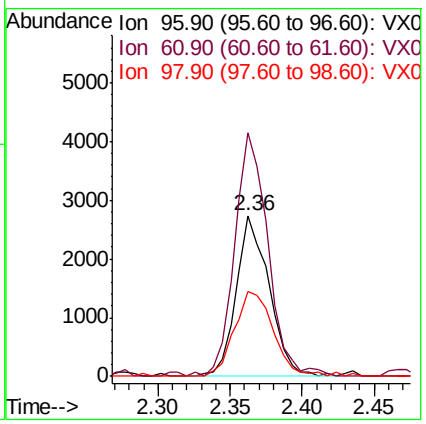


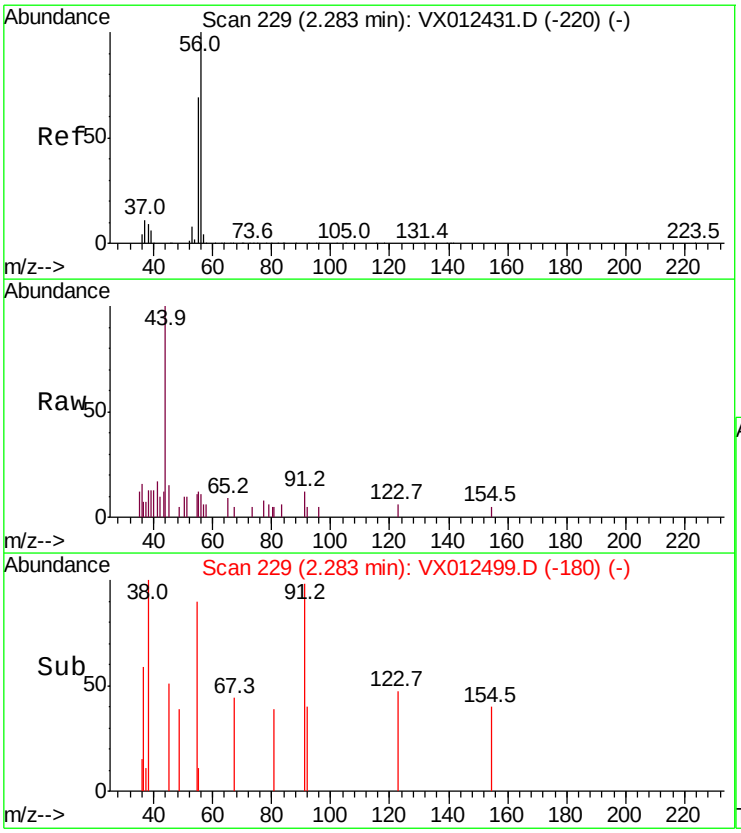
#12
1,1-Dichloroethene
Concen: 3.530 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 96 Resp: 4346

Ion	Ratio	Lower	Upper
96	100		
61	151.4	133.8	200.6
98	52.9	49.9	74.9

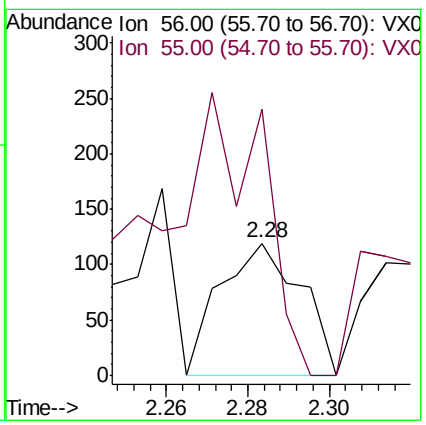


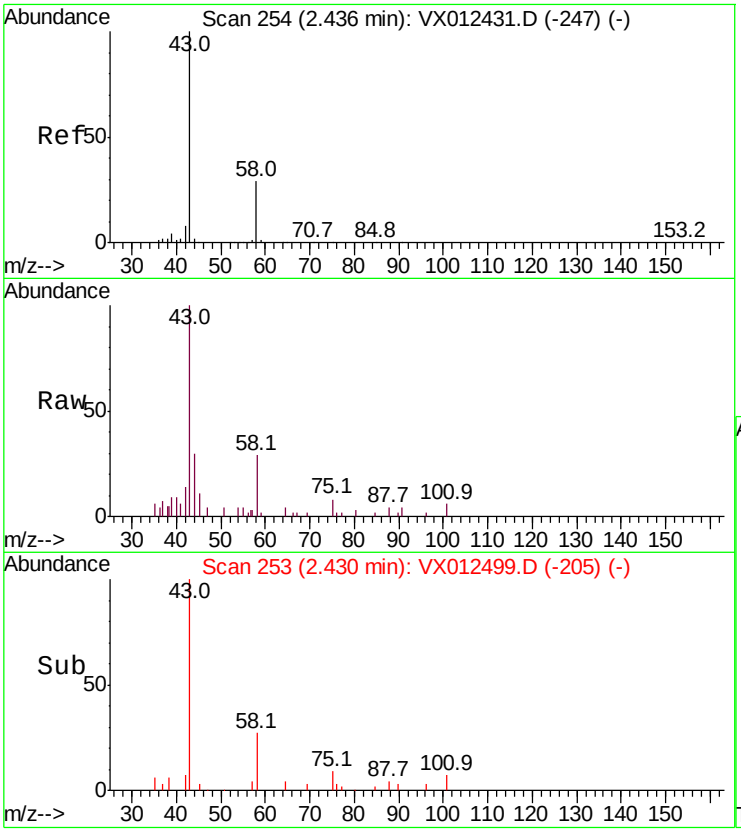


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 56 Resp: 165

Ion	Ratio	Lower	Upper
56	100		
55	186.1	55.8	83.8#



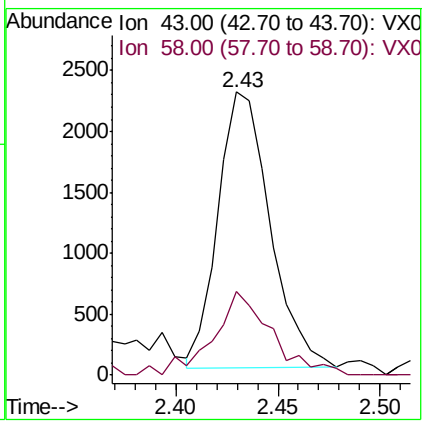


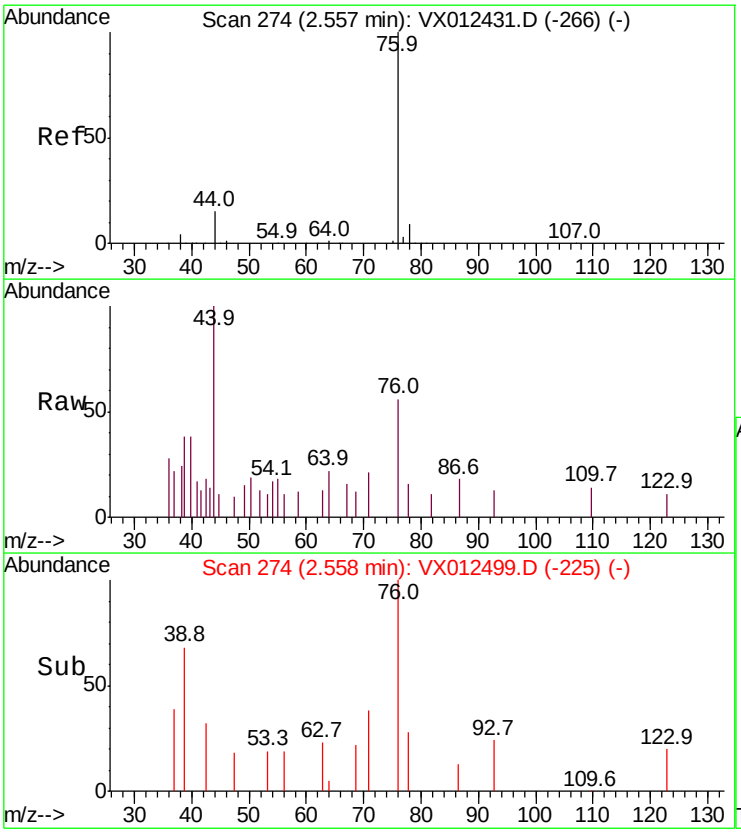
#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 43 Resp: 4013

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.3	34.9

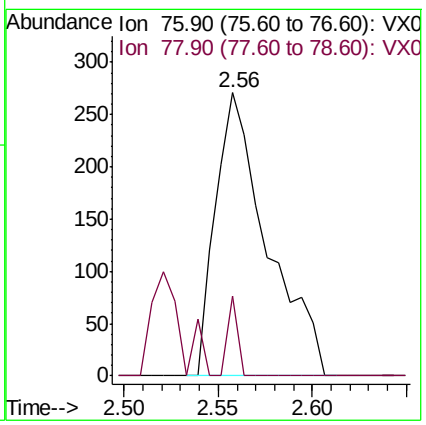


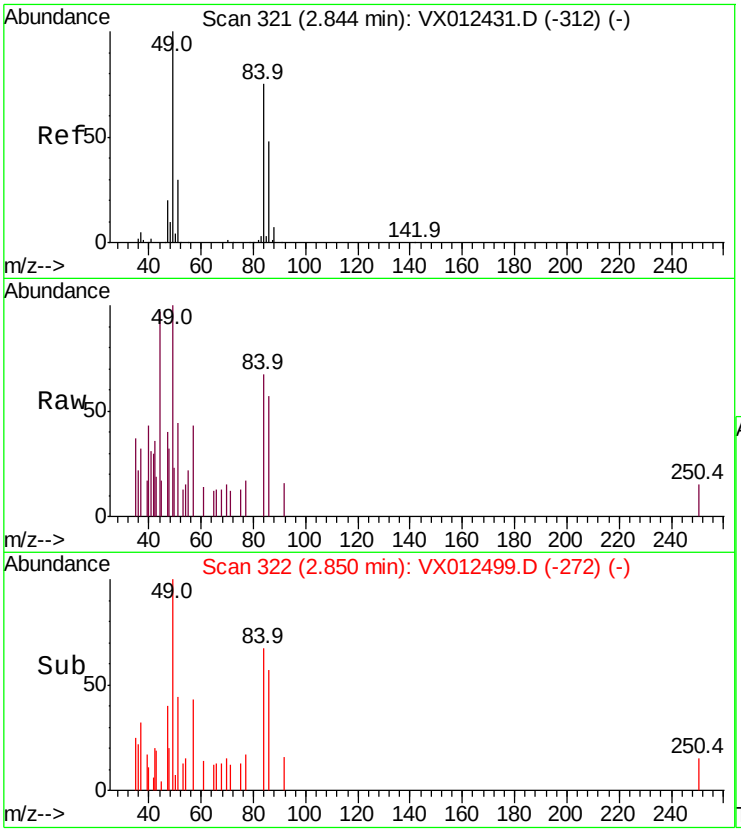


#17
Carbon Disulfide
Concen: 2.091 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 76 Resp: 514

Ion	Ratio	Lower	Upper
76	100		
78	28.4	7.3	10.9#



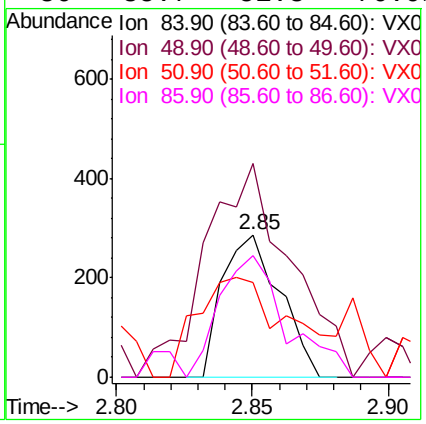


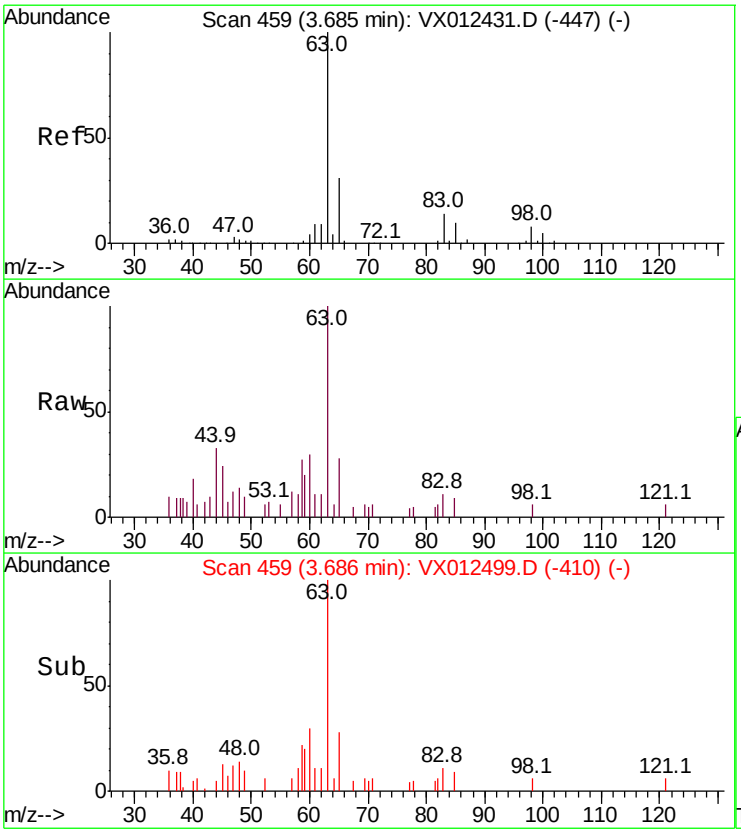
#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument : MSVOA_X
ClientSampleId : RE132D5-20190911

Tgt Ion: 84 Resp: 419

Ion	Ratio	Lower	Upper
84	100		
49	124.8	106.8	160.2
51	37.4	32.3	48.5
86	85.7	51.3	76.9#

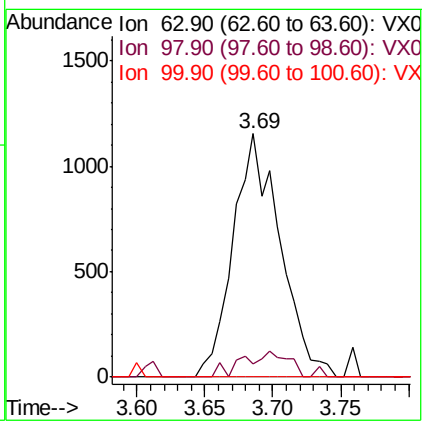


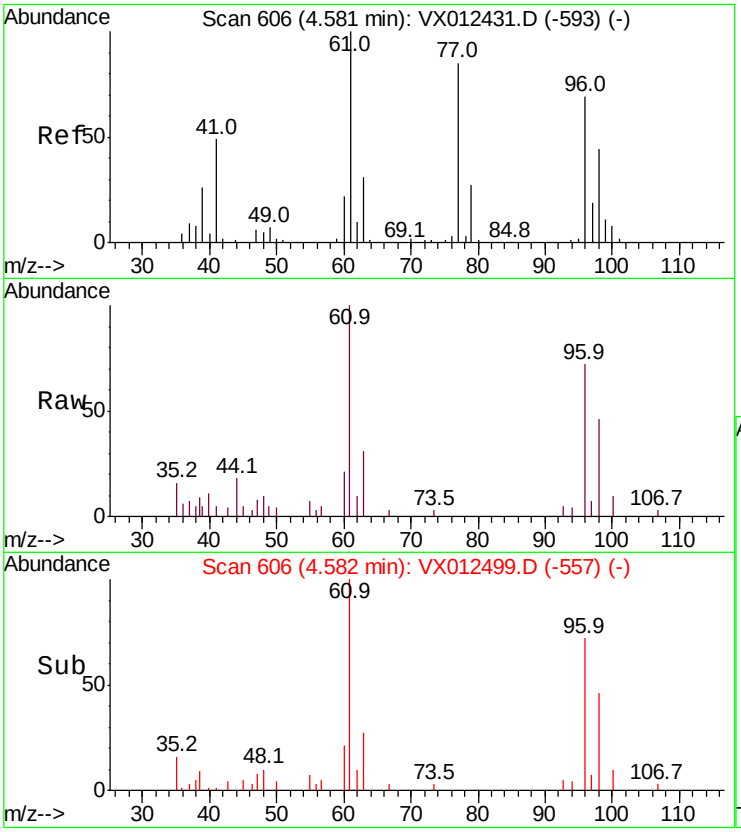


#24
1,1-Dichloroethane
Concen: 0.869 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 63 Resp: 2790

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.9	11.7
100	0.0	2.3	6.9#



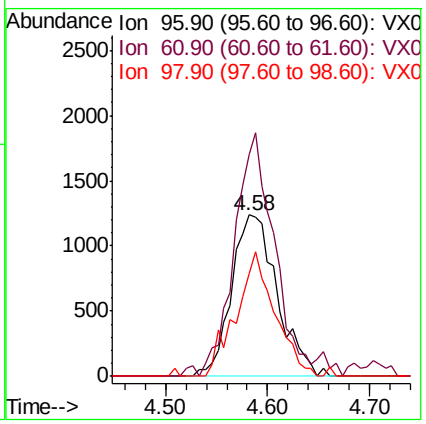


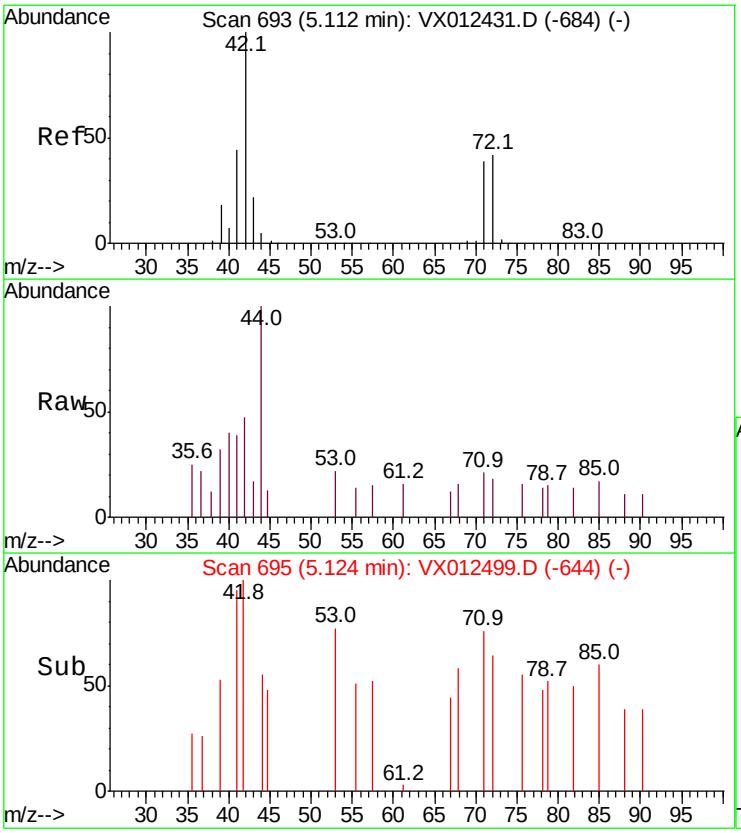
#27
cis-1,2-Dichloroethene
Concen: 2.009 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 96 Resp: 3836

Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	319.4
98	66.3	0.0	130.6

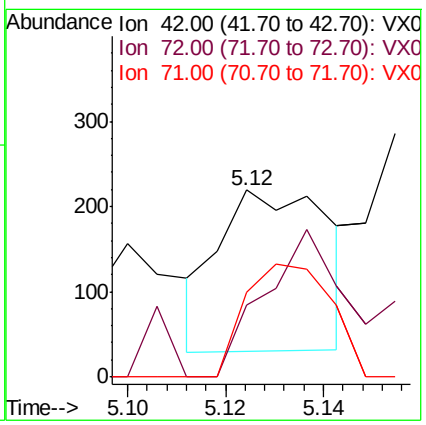


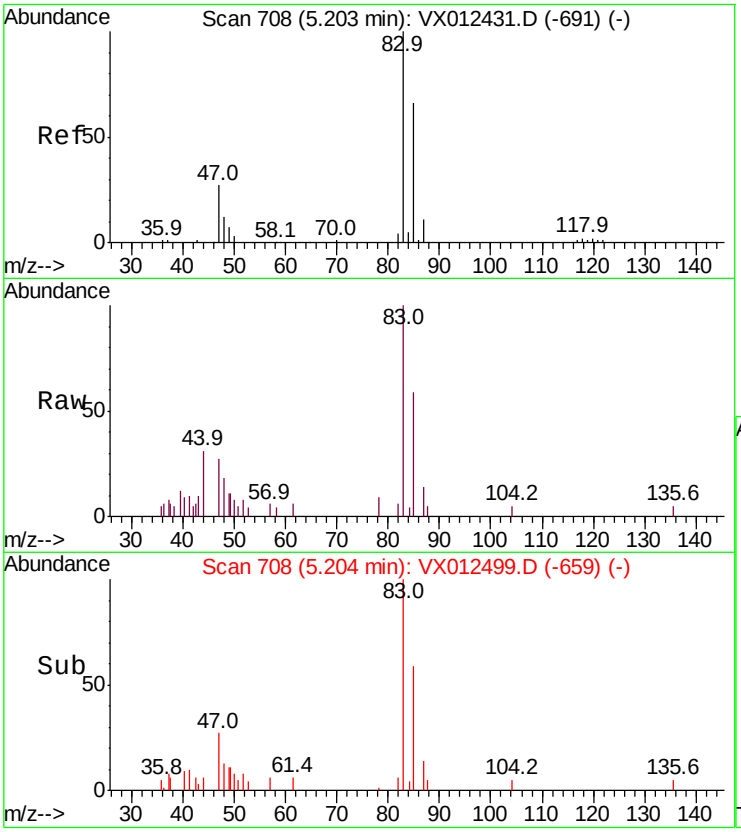


#29
Tetrahydrofuran
Concen: 0.273 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 42 Resp: 294

Ion	Ratio	Lower	Upper
42	100		
72	86.1	34.0	51.0#
71	55.1	31.5	47.3#



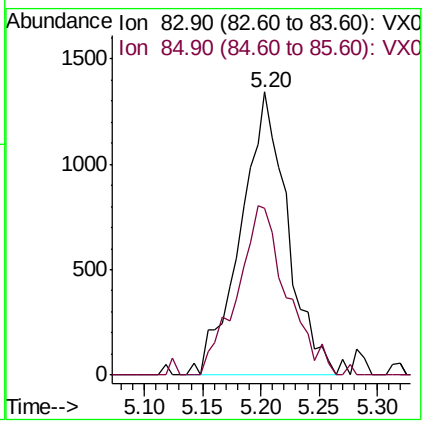


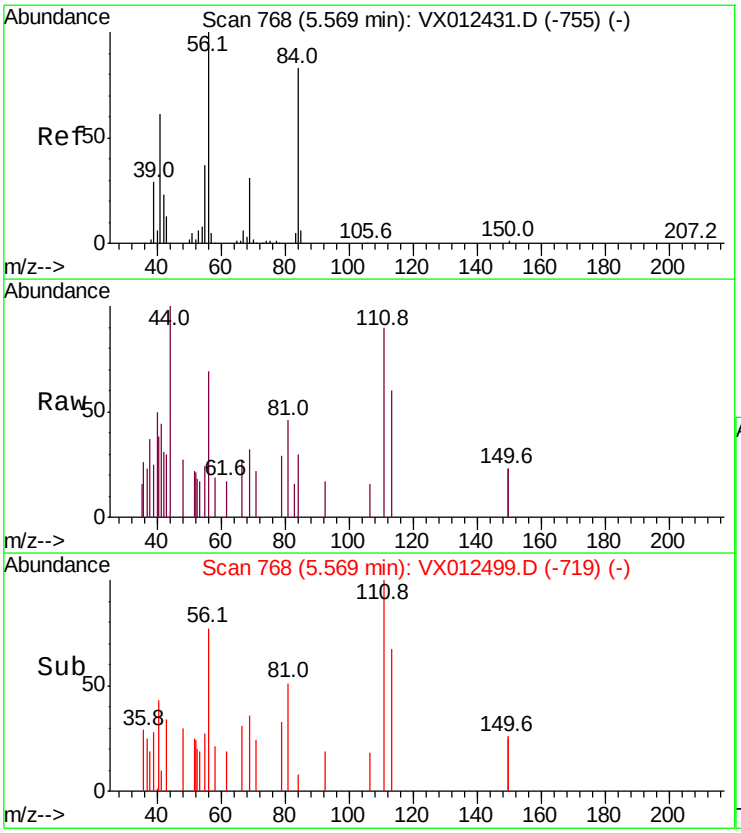
#30
Chloroform
Concen: 1.019 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 83 Resp: 3758

Ion	Ratio	Lower	Upper
83	100		
85	58.9	53.0	79.4

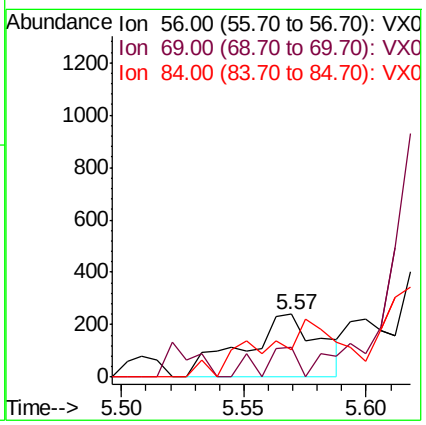


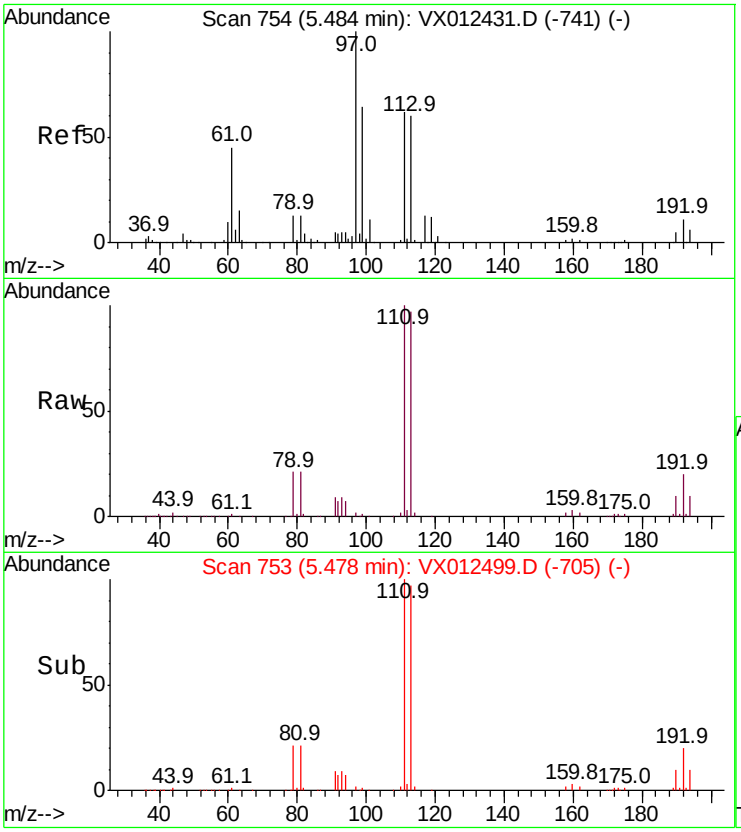


#31
Cyclohexane
Concen: 0.268 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 56 Resp: 519

Ion	Ratio	Lower	Upper
56	100		
69	20.4	25.0	37.6#
84	43.3	66.4	99.6#



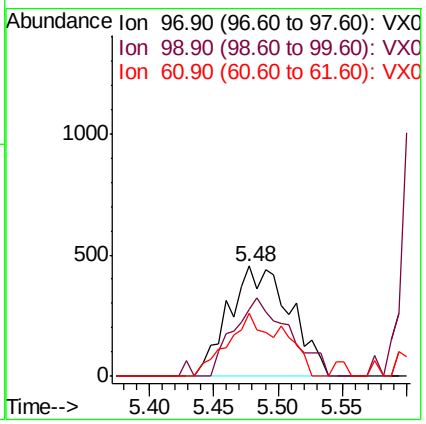


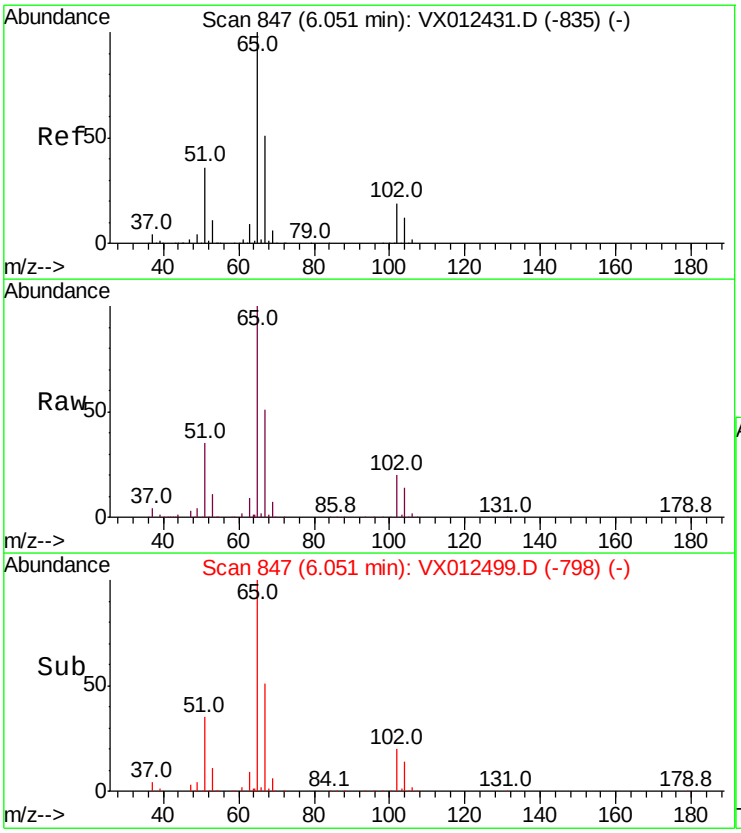
#32
1,1,1-Trichloroethane
Concen: 0.489 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 97 Resp: 1506

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	36.7	36.1	54.1

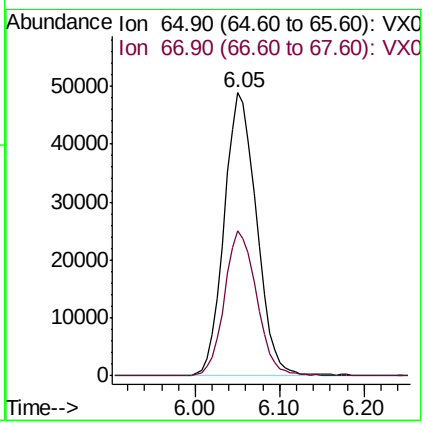


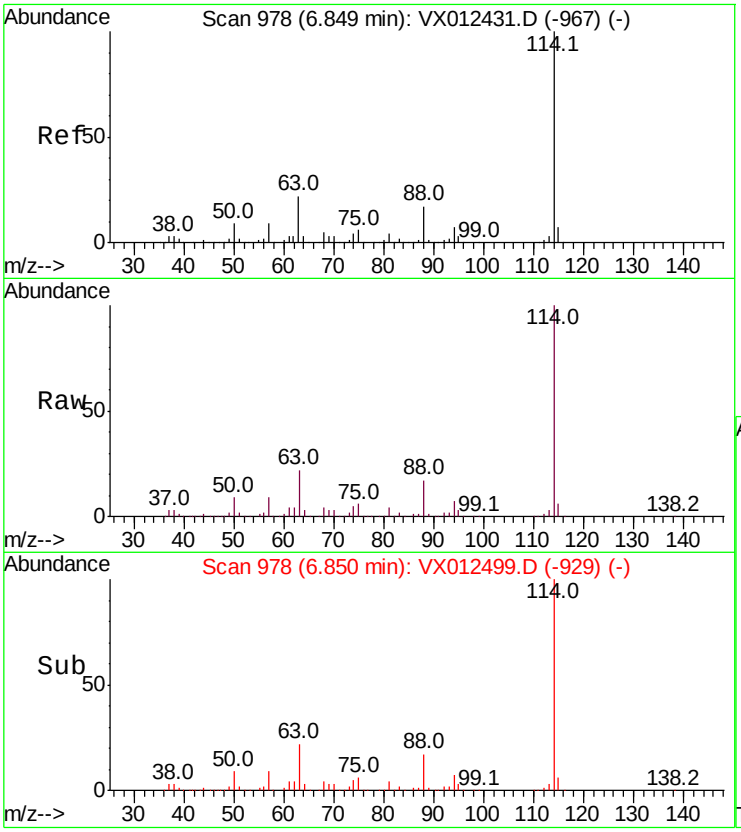


#33
1,2-Dichloroethane-d4
Concen: 45.528 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 65 Resp: 127761

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2



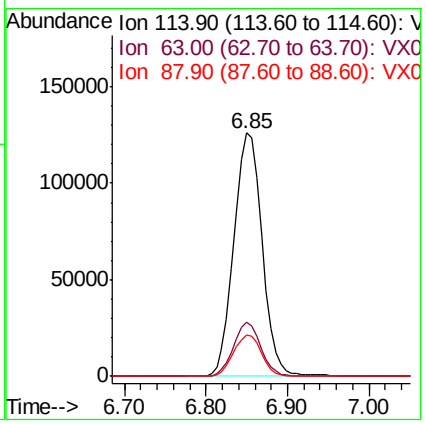


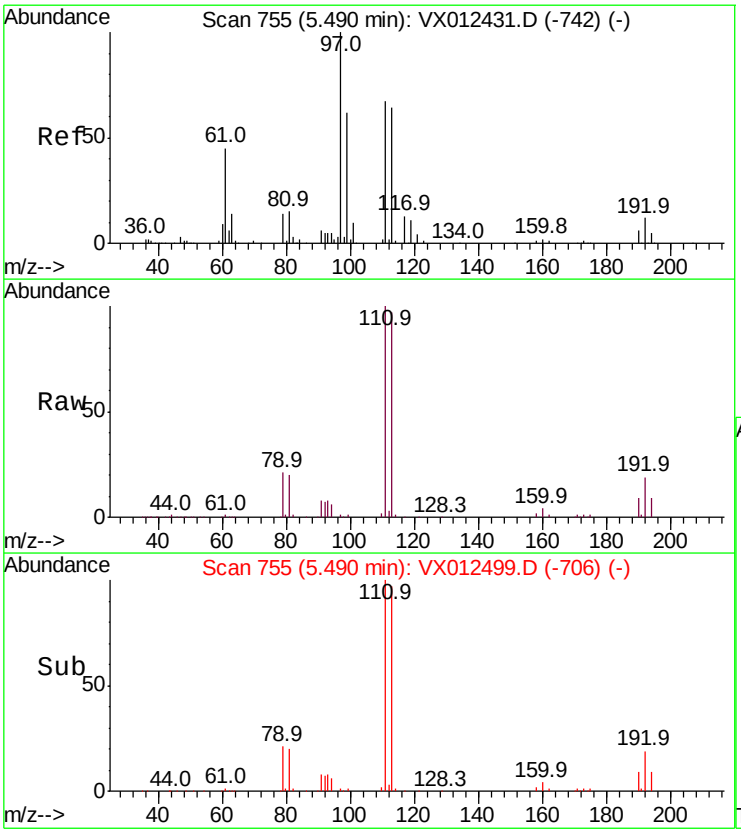
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion:114 Resp: 302391

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	17.2	0.0	33.2

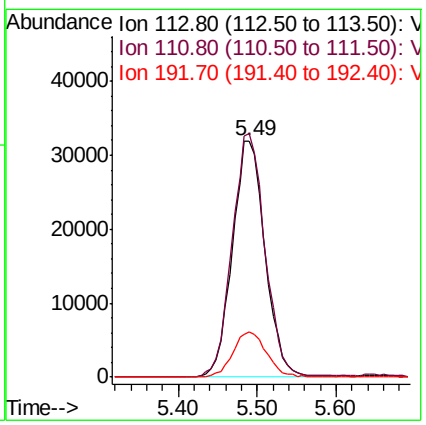


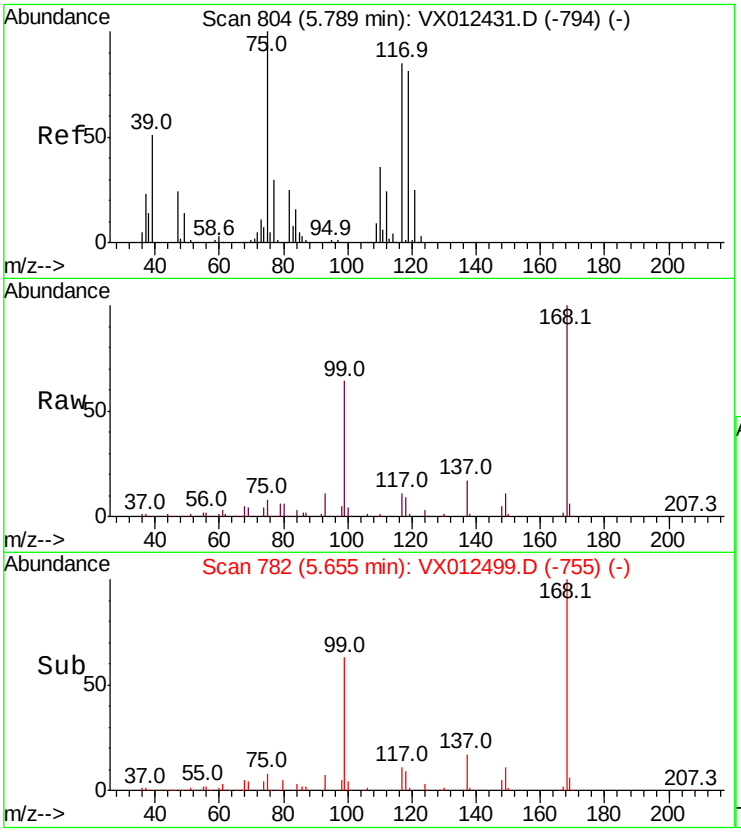


#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion:113 Resp: 92014

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	19.6	14.4	21.6



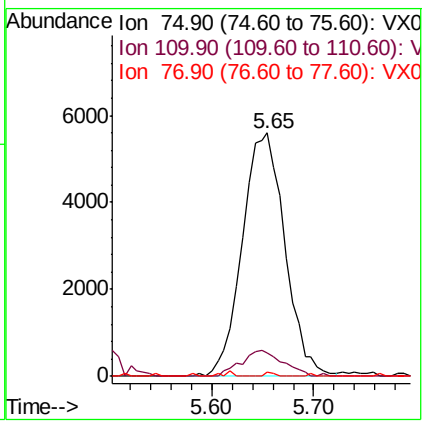


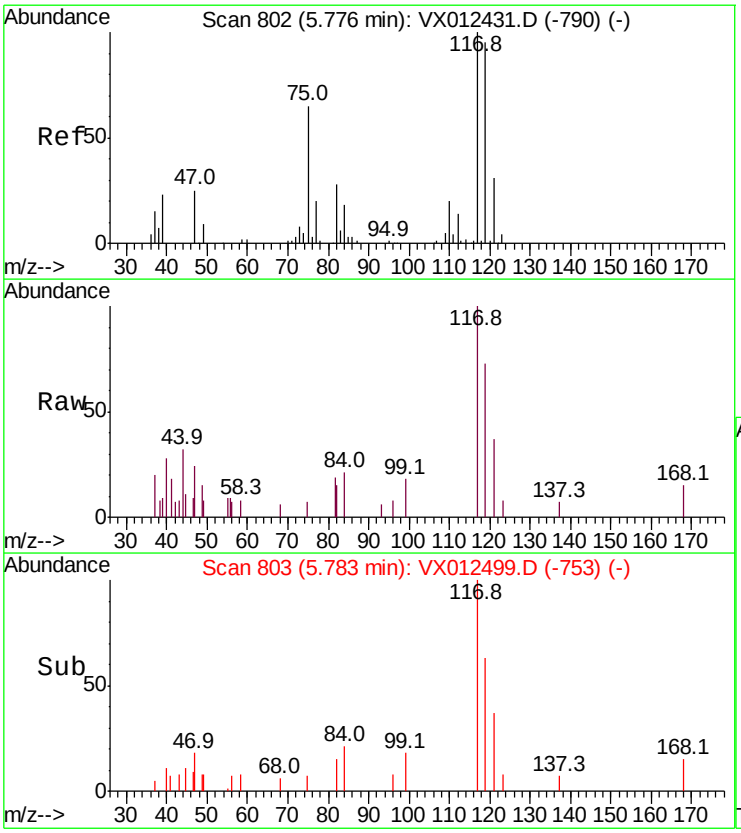
#36
1,1-Dichloropropene
Concen: 8.832 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 75 Resp: 16232

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.7	50.0#
77	0.4	24.2	36.2#

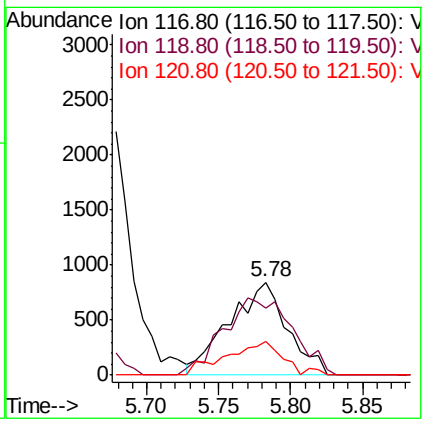


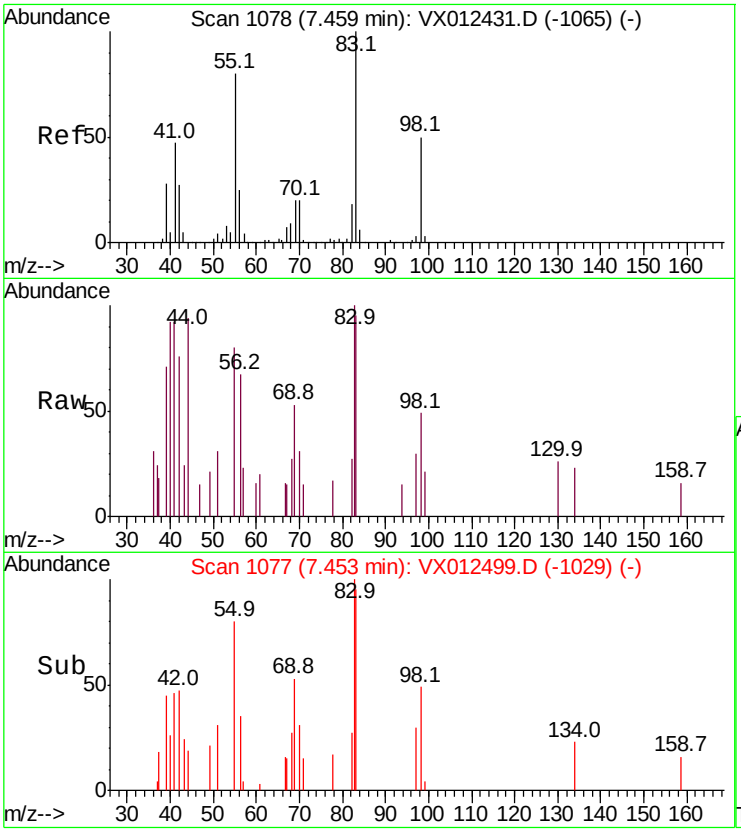


#38
Carbon Tetrachloride
Concen: 1.036 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion:117 Resp: 2368

Ion	Ratio	Lower	Upper
117	100		
119	72.6	75.7	113.5#
121	36.9	24.2	36.4#



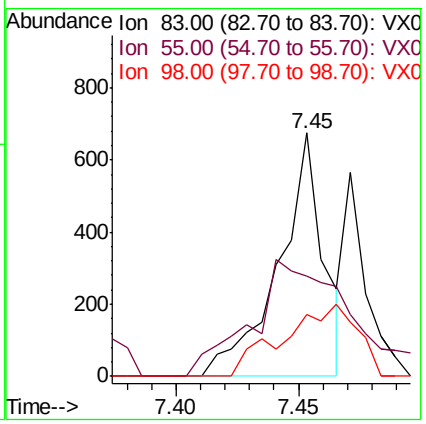


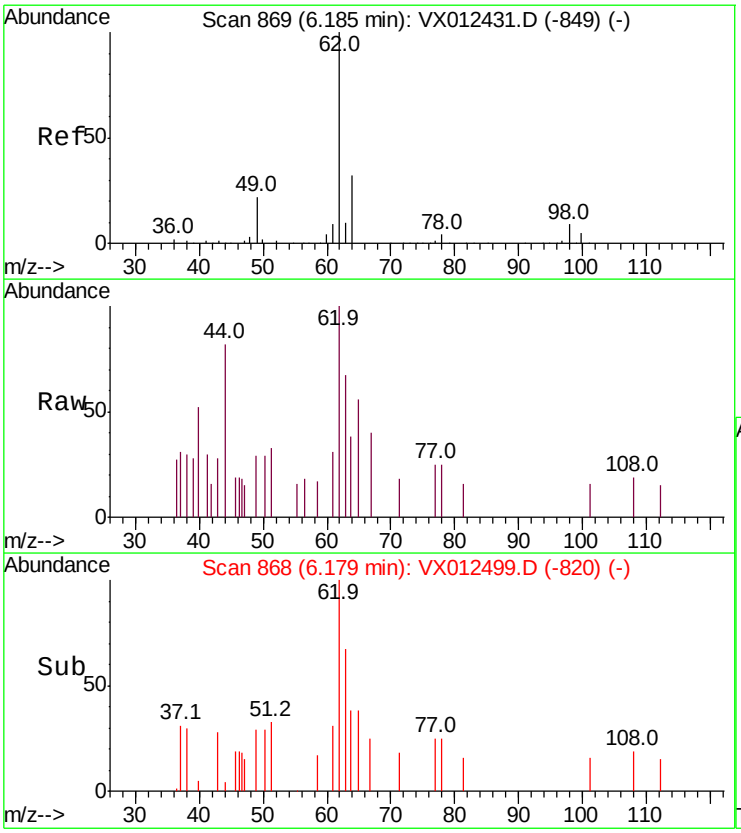
#39
Methylcyclohexane
Concen: 0.479 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 83 Resp: 855

Ion	Ratio	Lower	Upper
83	100		
55	41.2	64.4	96.6#
98	25.2	40.1	60.1#

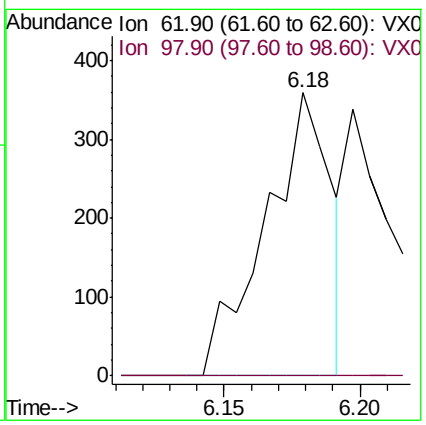


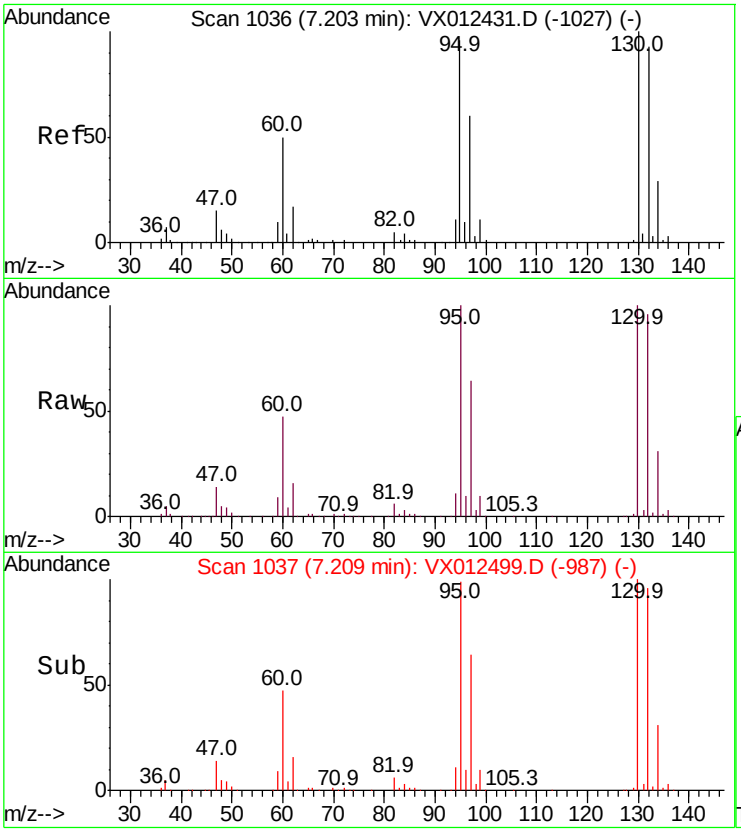


#42
1,2-Dichloroethane
Concen: 0.221 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 62 Resp: 599

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



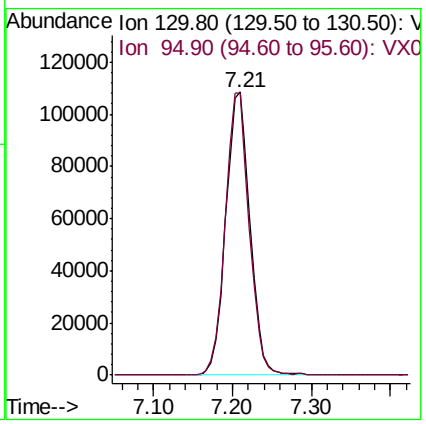


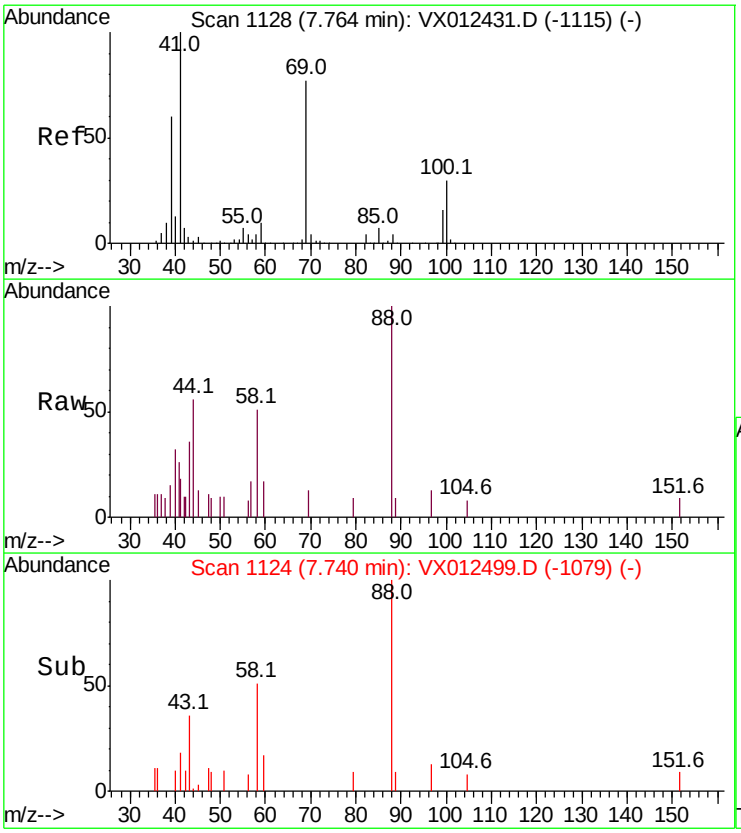
#44
Trichloroethene
Concen: 150.288 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion:130 Resp: 231039

Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	193.0

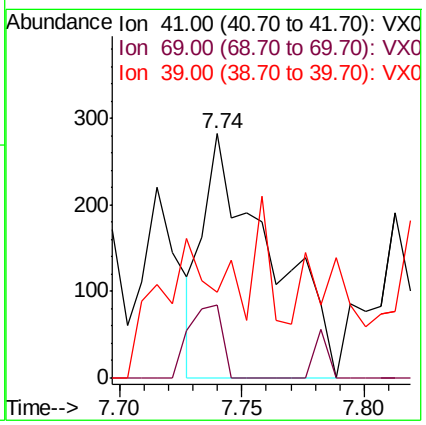


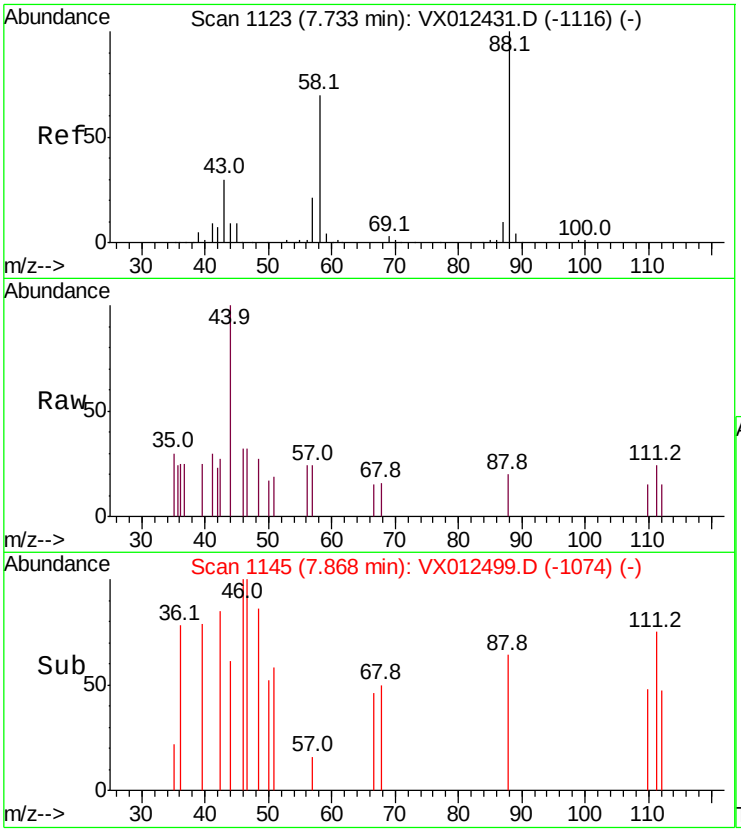


#48
Methyl methacrylate
Concen: 0.223 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.02 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 41 Resp: 533

Ion	Ratio	Lower	Upper
41	100		
69	15.0	59.9	89.9#
39	0.0	47.8	71.6#



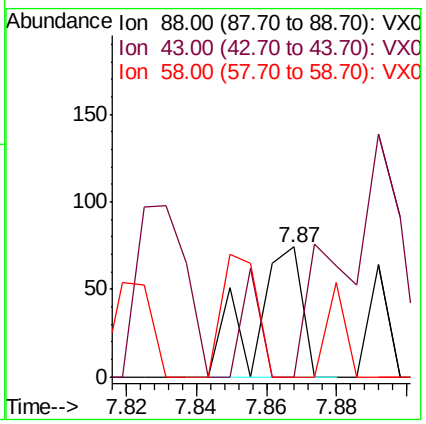


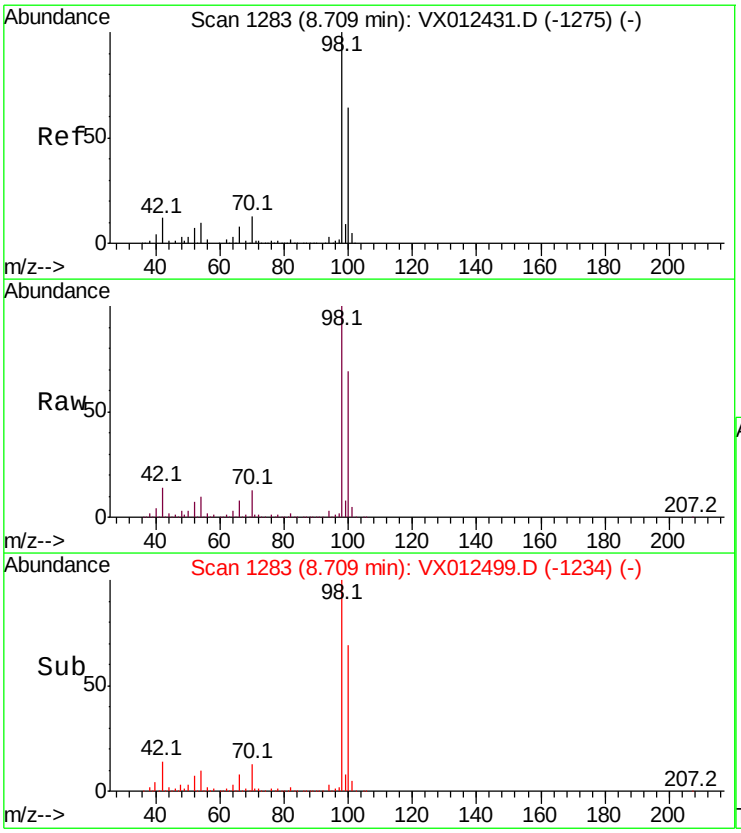
#49
1,4-Dioxane
Concen: 1.205 ug/l
RT: 7.87 min Scan# 1145
Delta R.T. 0.13 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	32.9	29.4	44.0
58	70.0	57.5	86.3

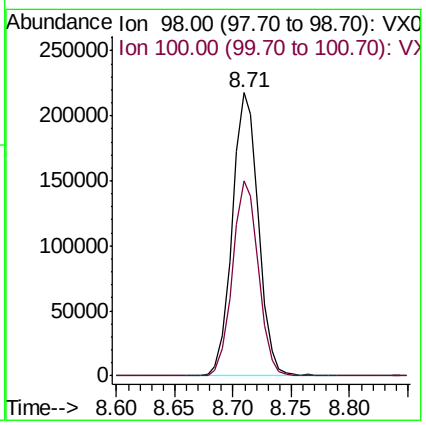


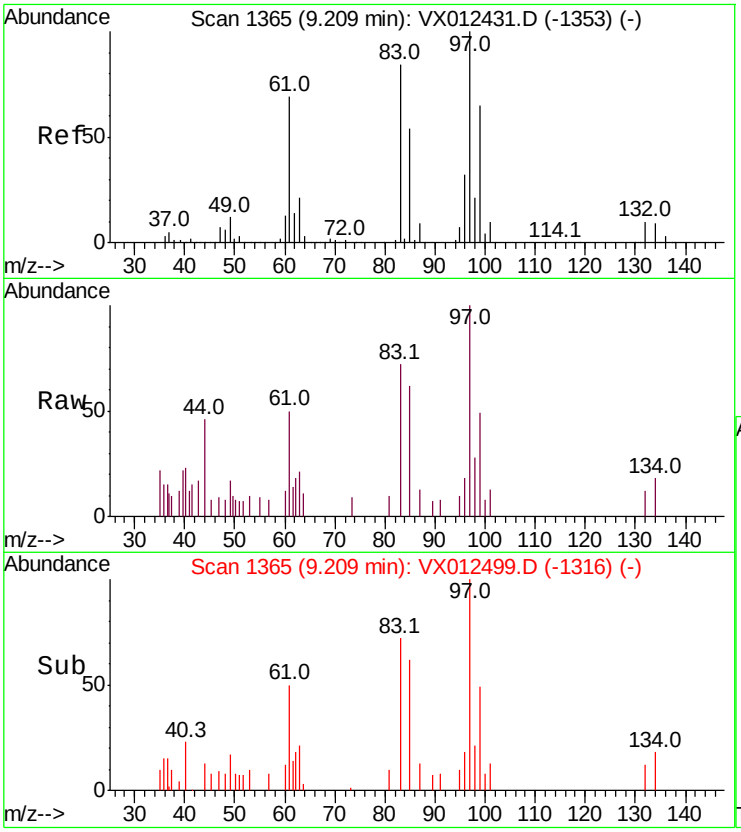


#50
Toluene-d8
Concen: 50.240 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 98 Resp: 340354

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.4	80.2



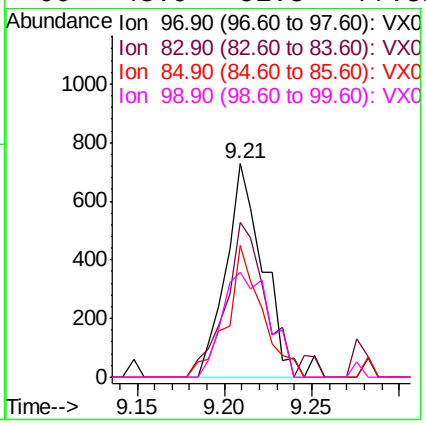


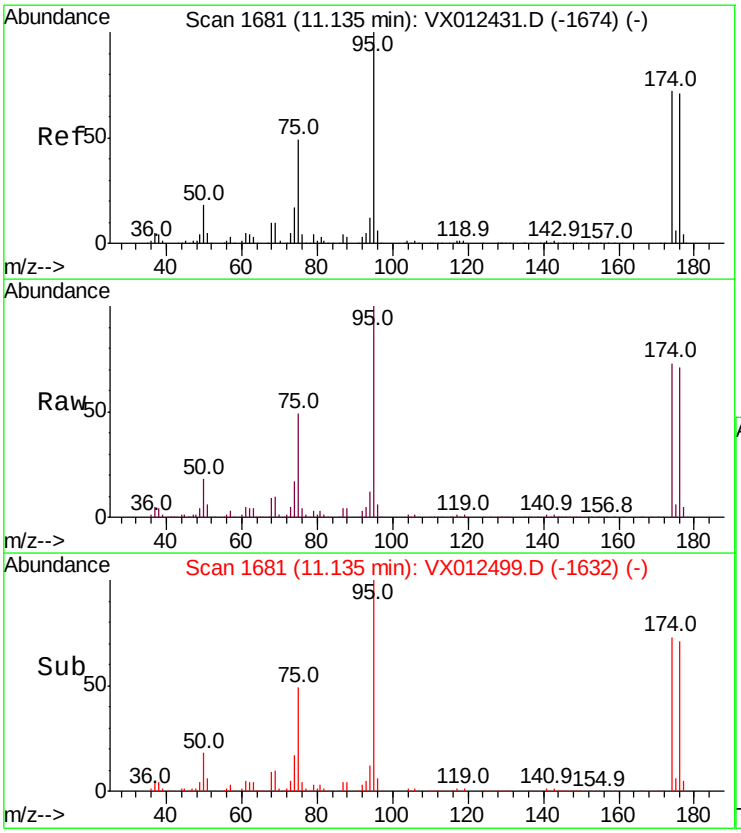
#55
1,1,2-Trichloroethane
Concen: 0.566 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 97 Resp: 1099

Ion	Ratio	Lower	Upper
97	100		
83	72.4	67.4	101.2
85	61.7	43.5	65.3
99	48.9	51.8	77.8#

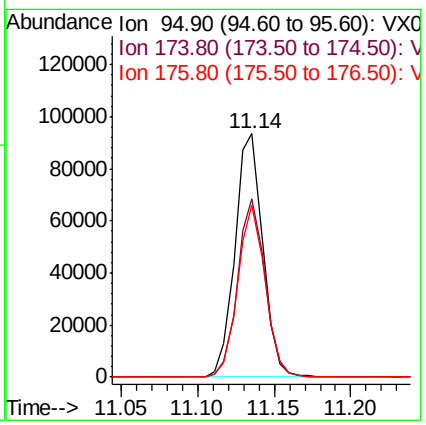


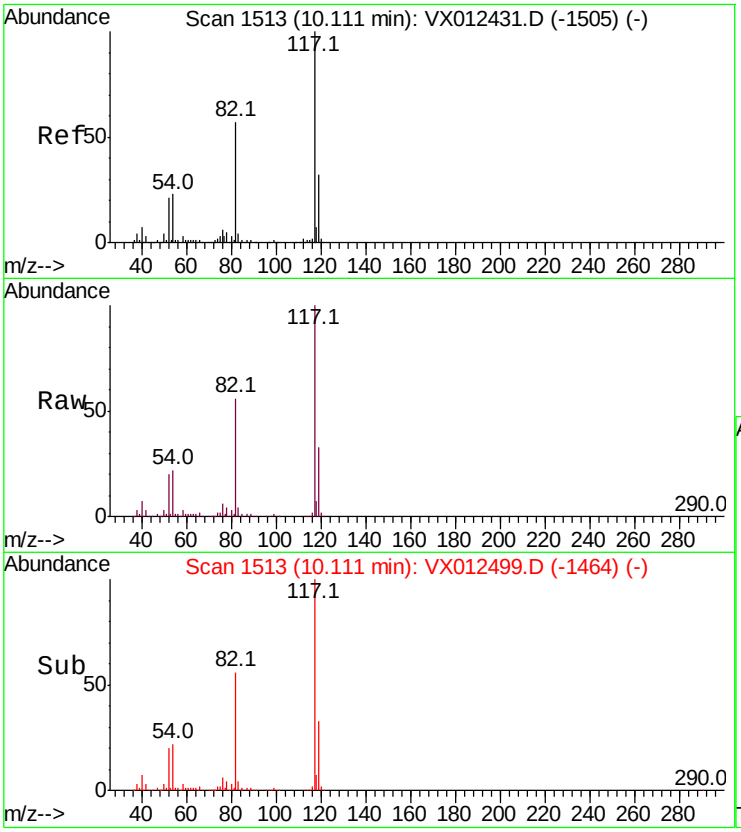


#62
4-Bromofluorobenzene
Concen: 41.818 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 95 Resp: 117627

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	140.0
176	70.0	0.0	135.4



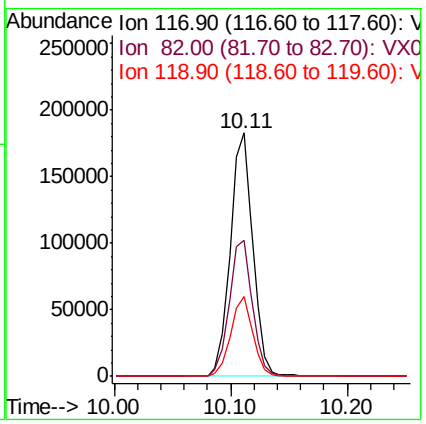


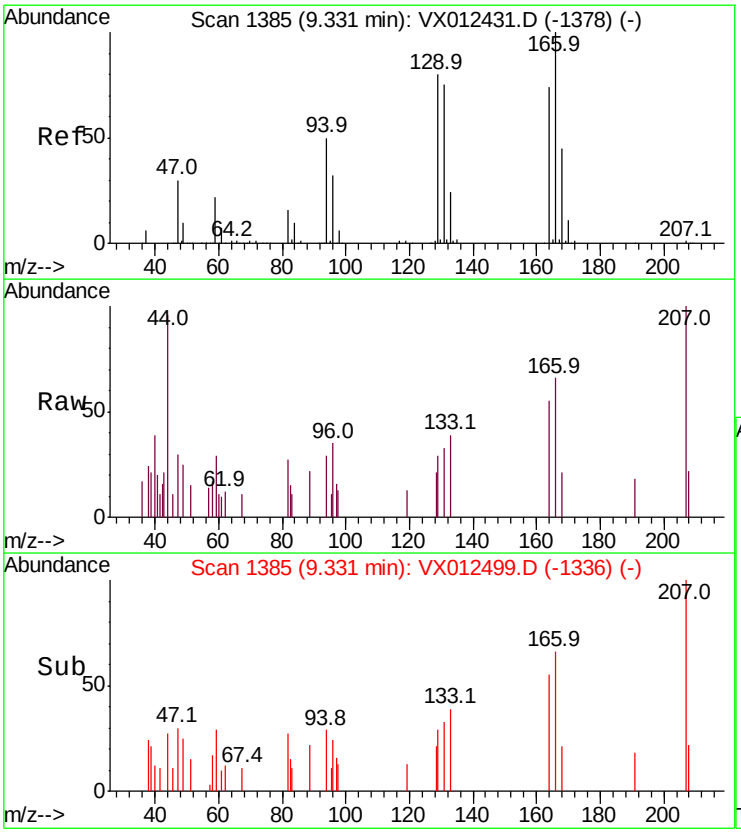
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion:117 Resp: 246766

Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.9	68.9
119	33.0	25.3	37.9

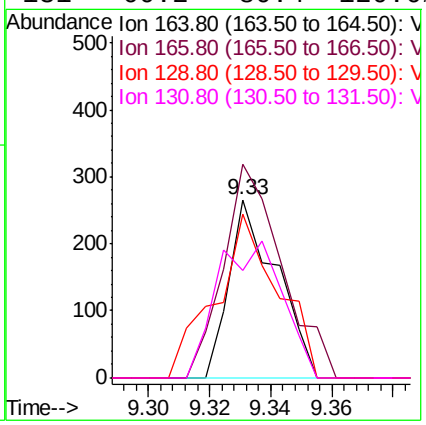


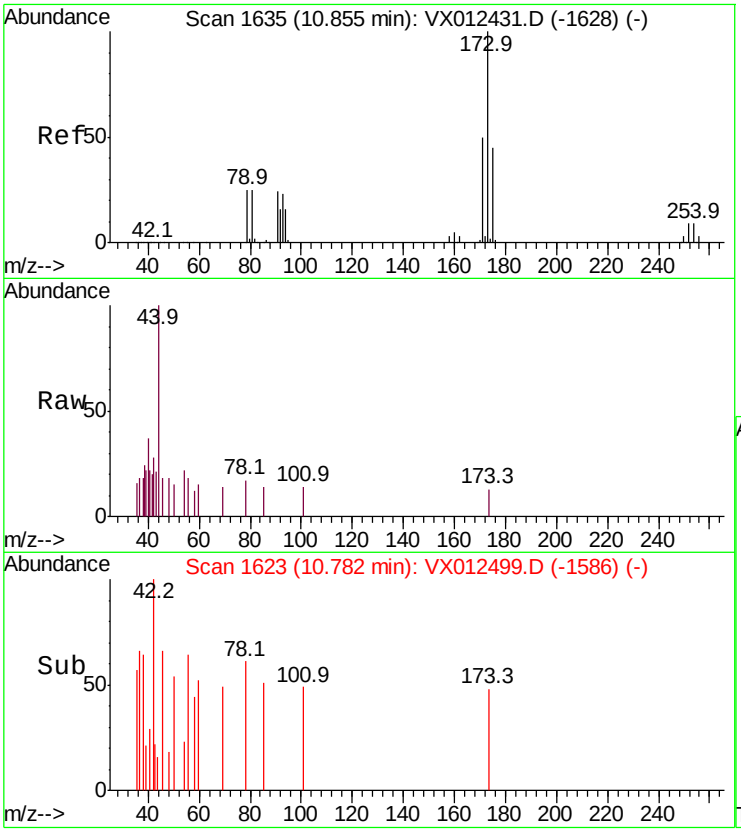


#64
Tetrachloroethene
Concen: 0.251 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion:164 Resp: 284

Ion	Ratio	Lower	Upper
164	100		
166	119.9	107.8	161.6
129	91.7	86.2	129.2
131	60.2	80.4	120.6#



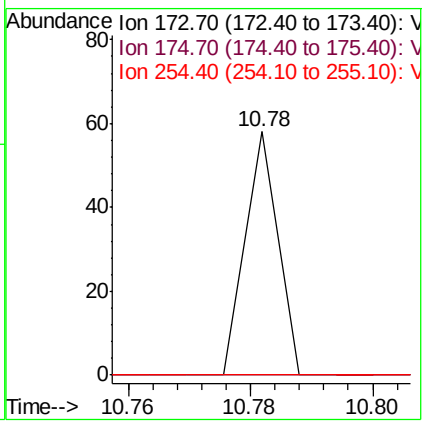


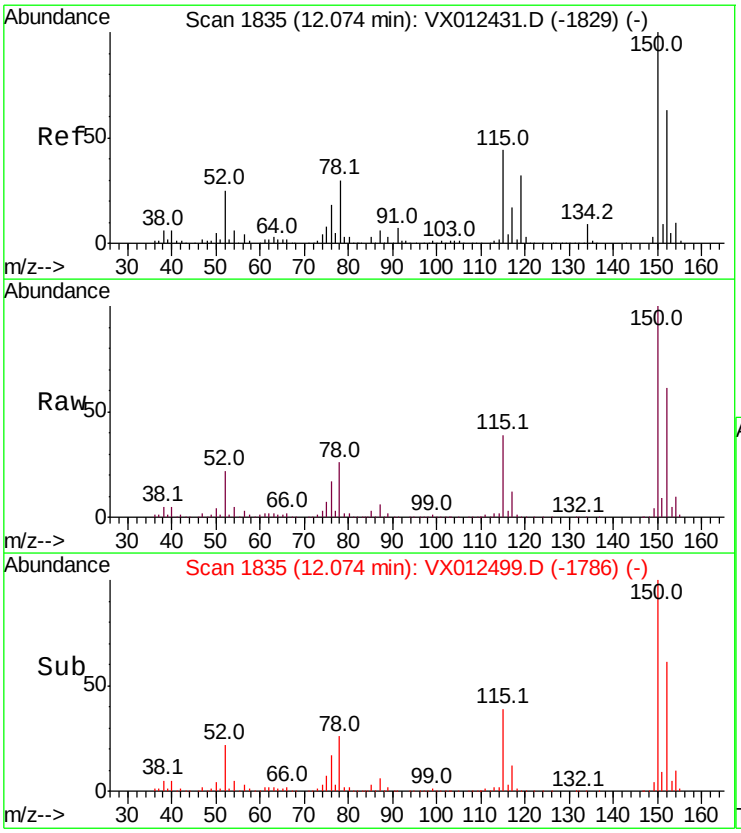
#71
Bromoform
Concen: 2.883 ug/l
RT: 10.78 min Scan# 1623
Delta R.T. -0.07 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument : MSVOA_X
ClientSampleId : RE132D5-20190911

Tgt Ion:173 Resp: 21

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.7	71.1#
254	0.0	0.1	0.1#

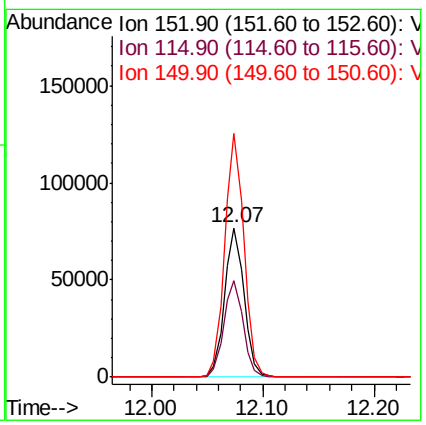


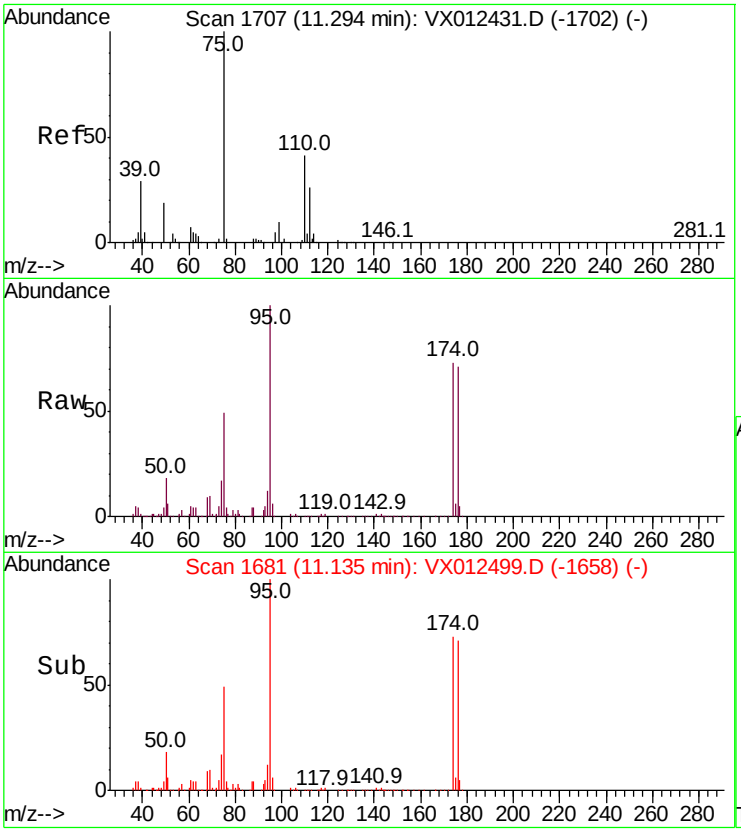


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion:152 Resp: 92211

Ion	Ratio	Lower	Upper
152	100		
115	64.9	44.1	132.3
150	161.9	0.0	343.8



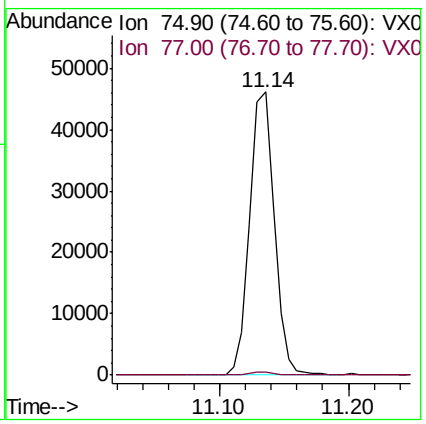


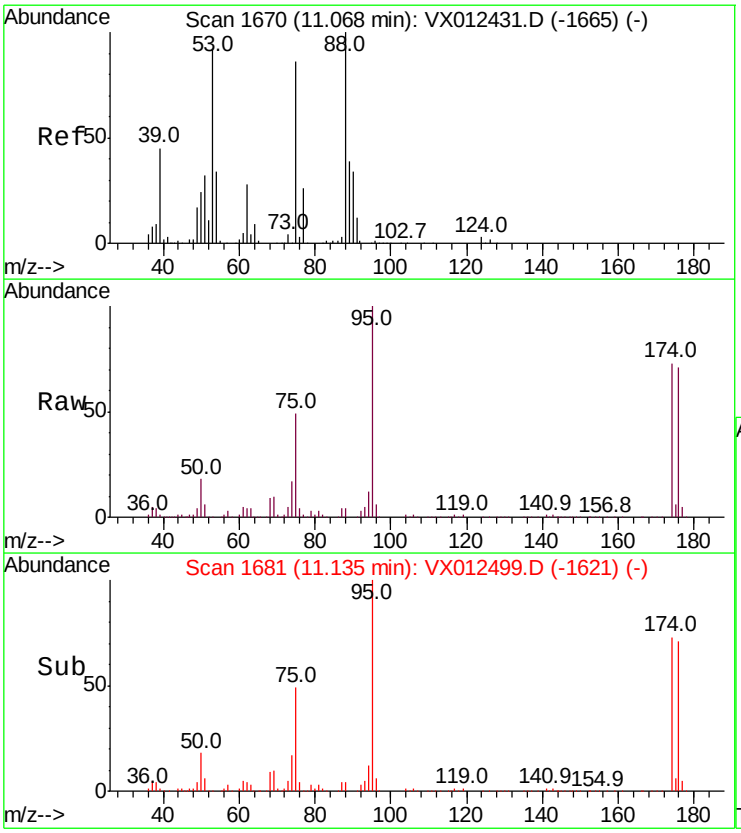
#76
1,2,3-Trichloropropane
Concen: 28.615 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tgt Ion: 75 Resp: 60611

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.790 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion: 75 Resp: 60611

Ion	Ratio	Lower	Upper
75	100		
53	0.4	83.6	125.4#
89	0.0	36.3	54.5#