Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
Data File : VX012782.D
Acq On : 03 Oct 2019 14:40
Operator : JC/SP
Sample : K5157-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0524

Quant Time: Oct 04 06:49:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	174286	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	299541	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	250857	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91478	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	121394	47.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.66%				
35) Dibromofluoromethane	5.48	113	91859	51.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.98%				
50) Toluene-d8	8.71	98	353003	51.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.76%				
62) 4-Bromofluorobenzene	11.14	95	115545	42.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.54%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1078	0.479	ug/l		97
4) Vinyl Chloride	1.40	62	2684	1.199	ug/l		96
5) Bromomethane	1.65	94	266	0.302	ug/l		84
6) Chloroethane	1.72	64	780	0.517	ug/l	#	45
10) Methyl Iodide	2.50	142	229	5.055	ug/l	#	90
11) Tert butyl alcohol	3.01	59	1075	1.696	ug/l	#	72
13) Acrolein	2.27	56	29	10.312	ug/l	#	1
16) Acetone	2.44	43	3635	2.704	ug/l		98
21) trans-1,2-Dichloroethene	3.17	96	2543	1.225	ug/l	#	77
24) 1,1-Dichloroethane	3.69	63	10234	2.621	ug/l		96
27) cis-1,2-Dichloroethene	4.59	96	9523	3.953	ug/l		86
31) Cyclohexane	5.65	56	4035	1.142	ug/l	#	17
36) 1,1-Dichloropropene	5.65	75	14884	5.155	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	18513	6.312	ug/l	#	16
44) Trichloroethene	7.21	130	1212	0.558	ug/l		84
49) 1,4-Dioxane	7.74	88	80	1.303	ug/l	#	15
51) 4-Methyl-2-Pentanone	8.64	43	829	0.238	ug/l		97
76) 1,2,3-Trichloropropane	11.14	75	56995	23.553	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	56995	67.499	ug/l	#	8

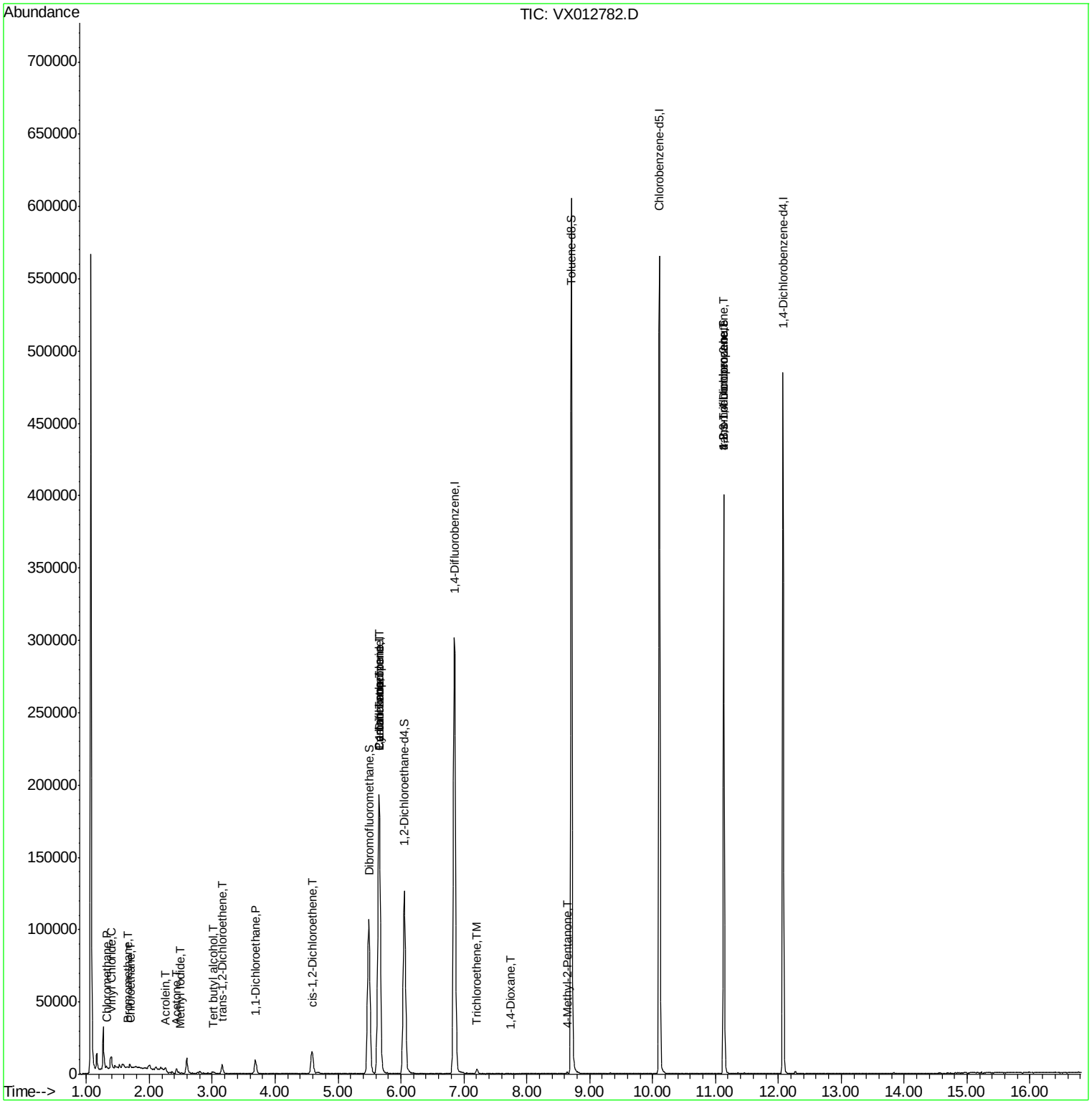
(#) = qualifier out of range (m) = manual integration (+) = signals summed

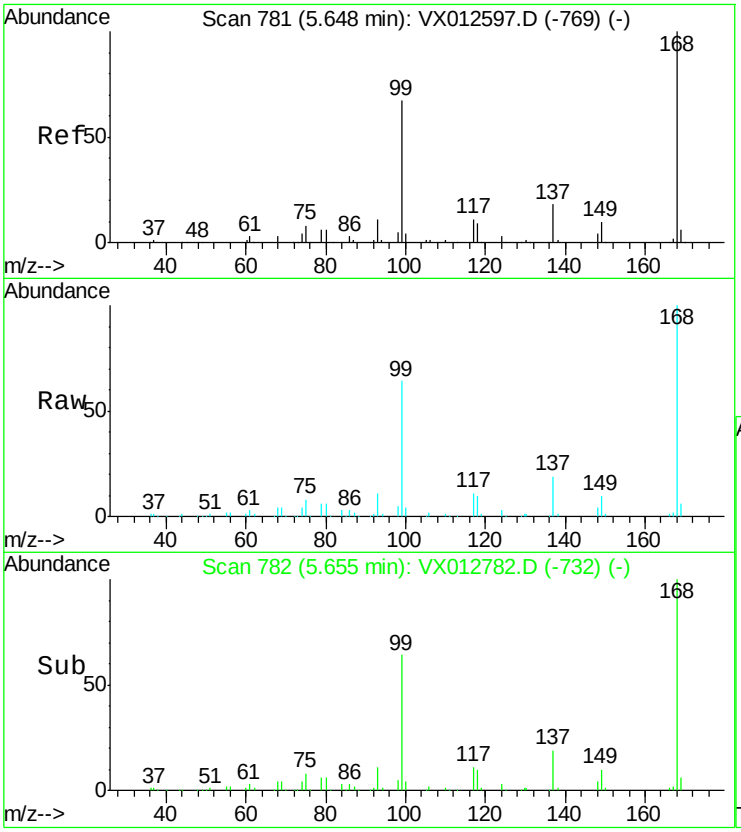
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
Data File : VX012782.D
Acq On : 03 Oct 2019 14:40
Operator : JC/SP
Sample : K5157-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Quant Time: Oct 04 06:49:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



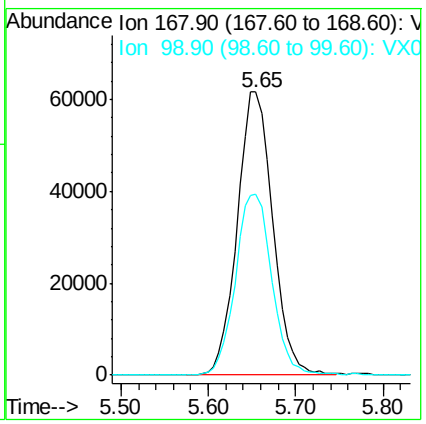


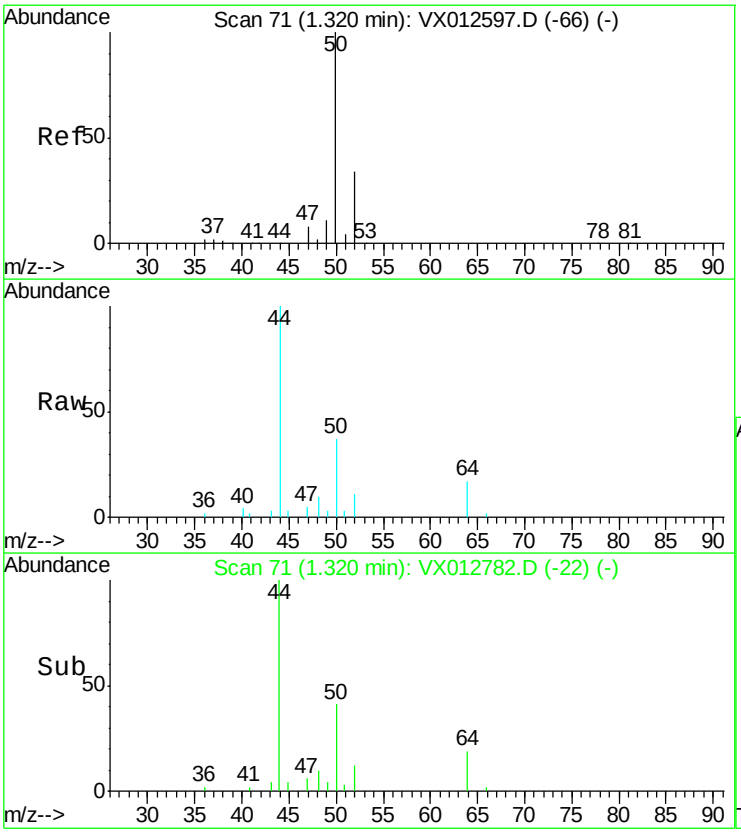
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion:168 Resp: 174286

Ion	Ratio	Lower	Upper
168	100		
99	64.0	51.4	77.2

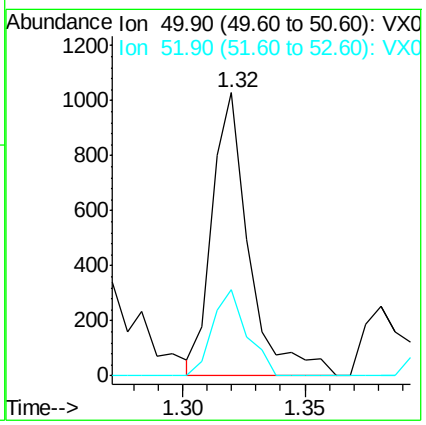


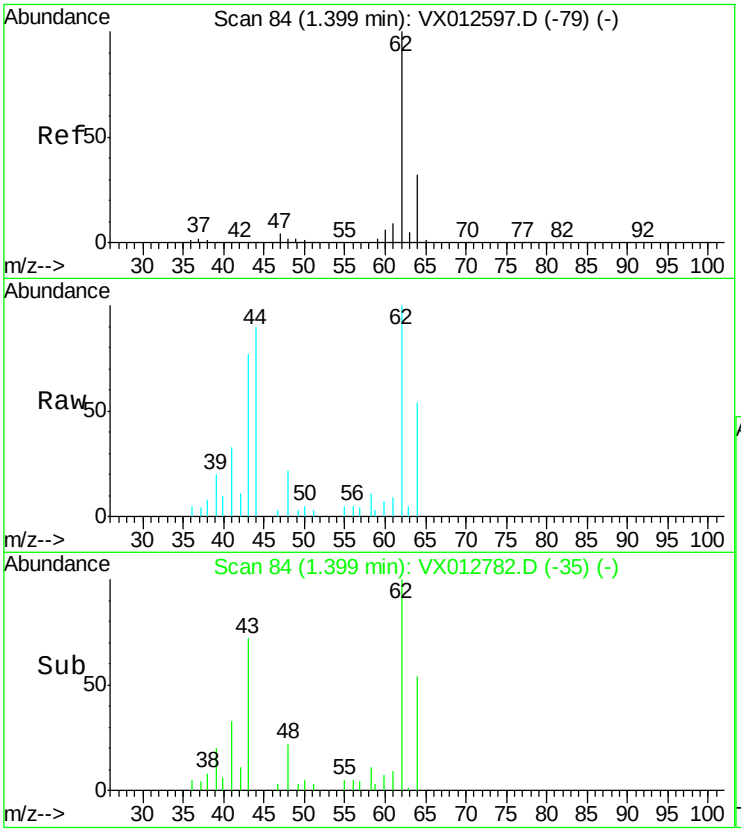


#3
Chloromethane
Concen: 0.479 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 50 Resp: 1078

Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.7	38.5



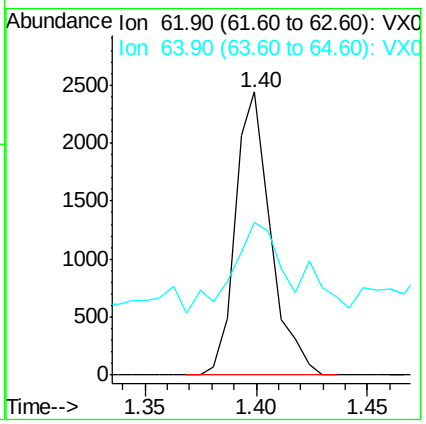


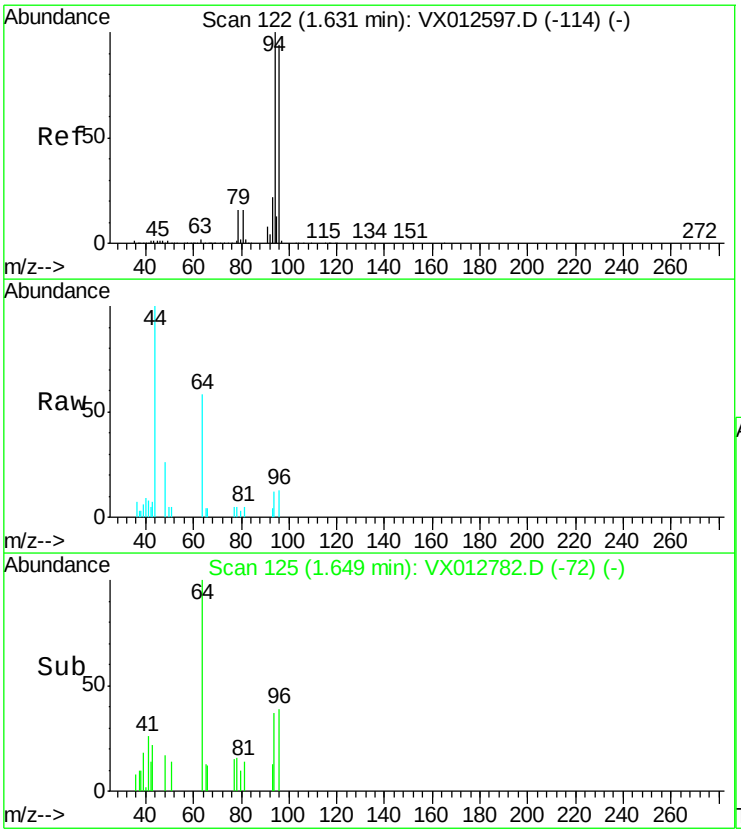
#4
Vinyl Chloride
Concen: 1.199 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 62 Resp: 2684

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.2	36.2

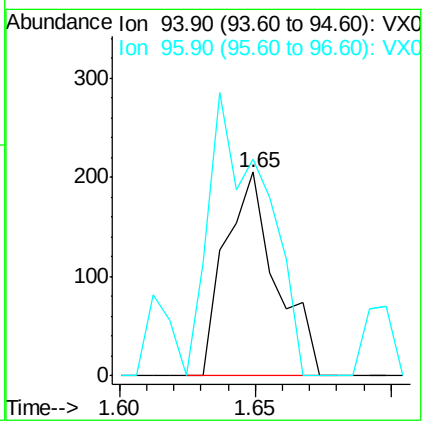


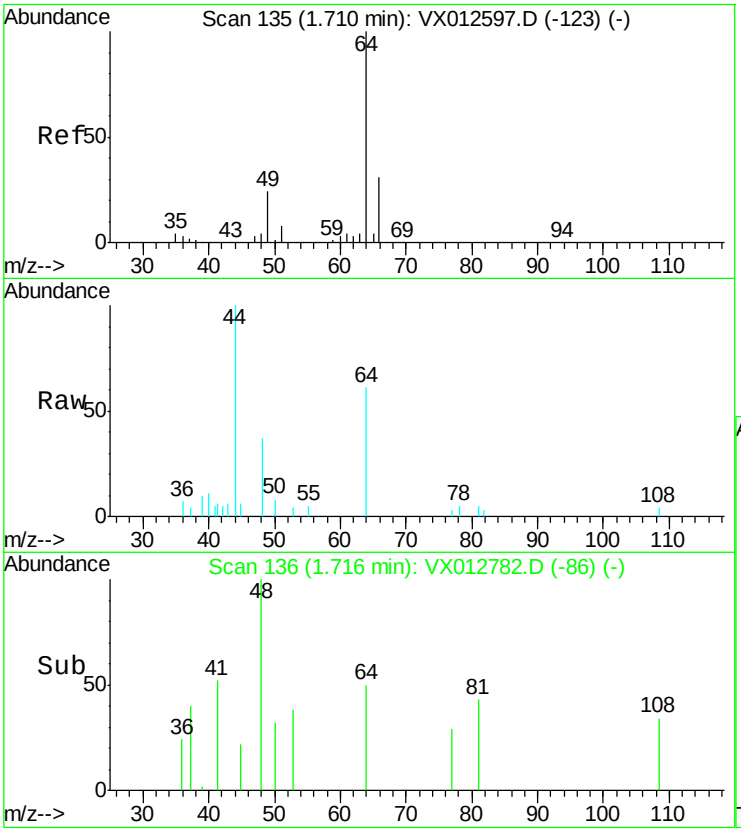


#5
Bromomethane
Concen: 0.302 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 94 Resp: 266

Ion	Ratio	Lower	Upper
94	100		
96	106.3	72.8	109.2



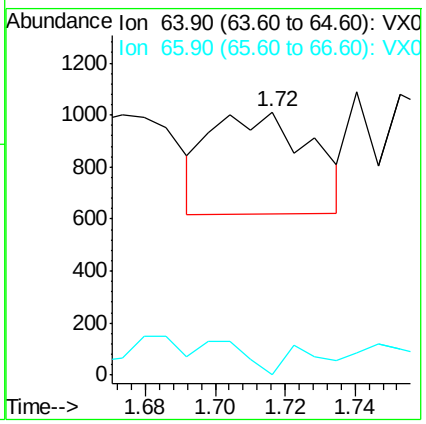


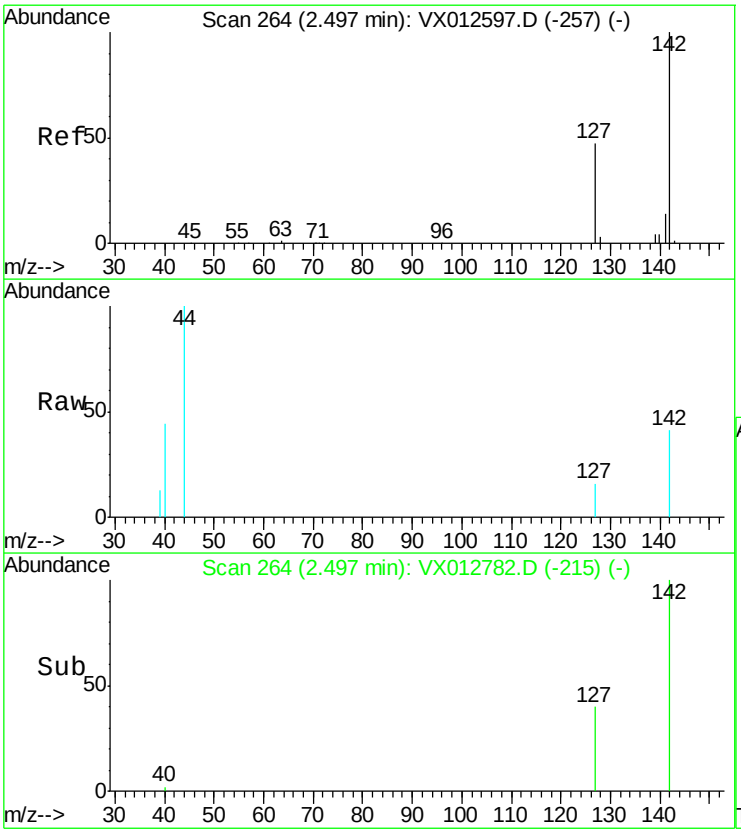
#6
Chloroethane
Concen: 0.517 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 64 Resp: 780

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

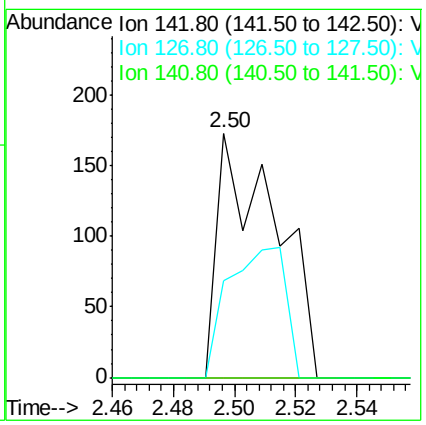


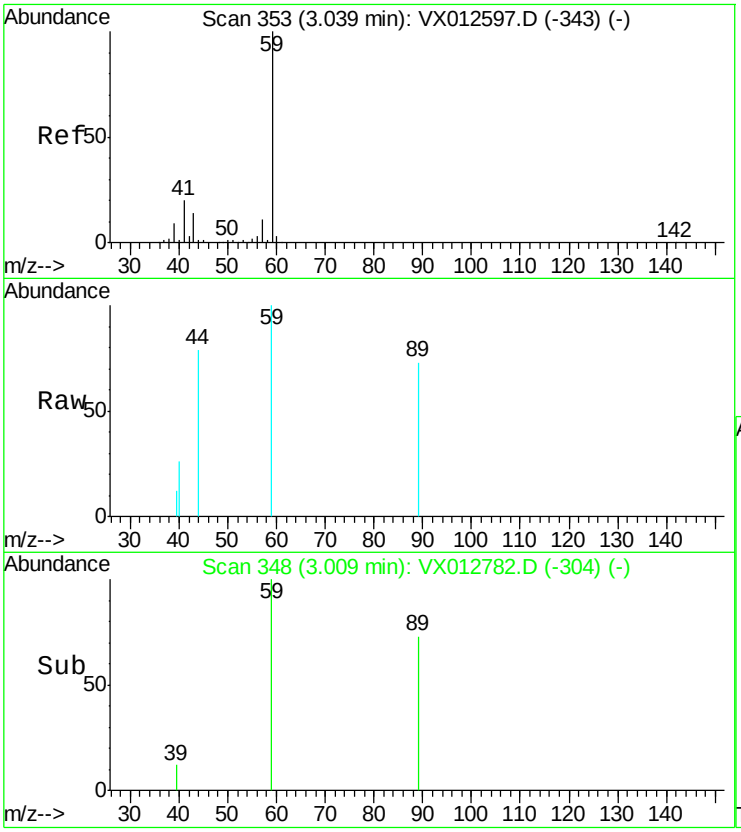


#10
Methyl Iodide
Concen: 5.055 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion:142 Resp: 229

Ion	Ratio	Lower	Upper
142	100		
127	52.4	40.8	61.2
141	0.0	12.1	18.1#



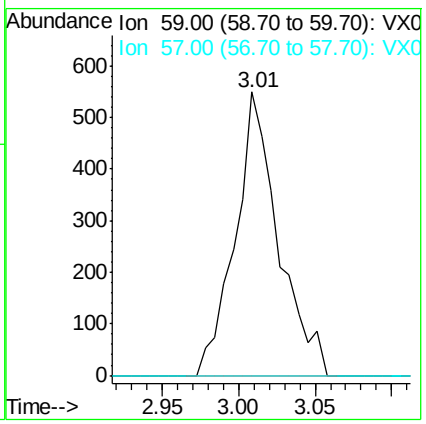


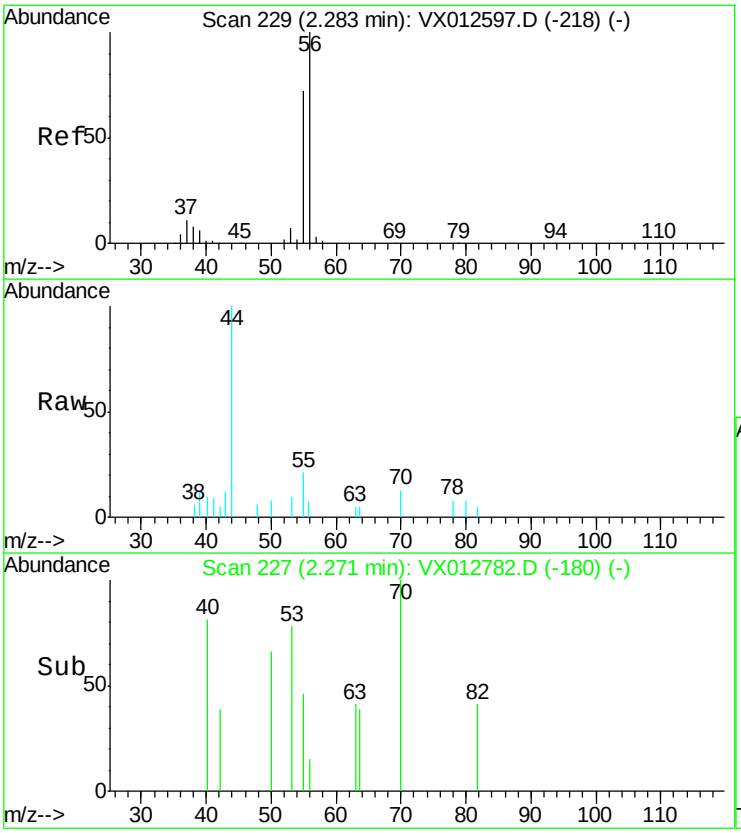
#11
Tert butyl alcohol
Concen: 1.696 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument : MSVOA_X
ClientSampleId : S49-0524

Tgt Ion: 59 Resp: 1075

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

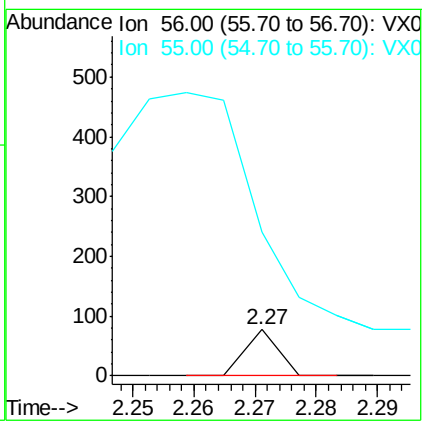


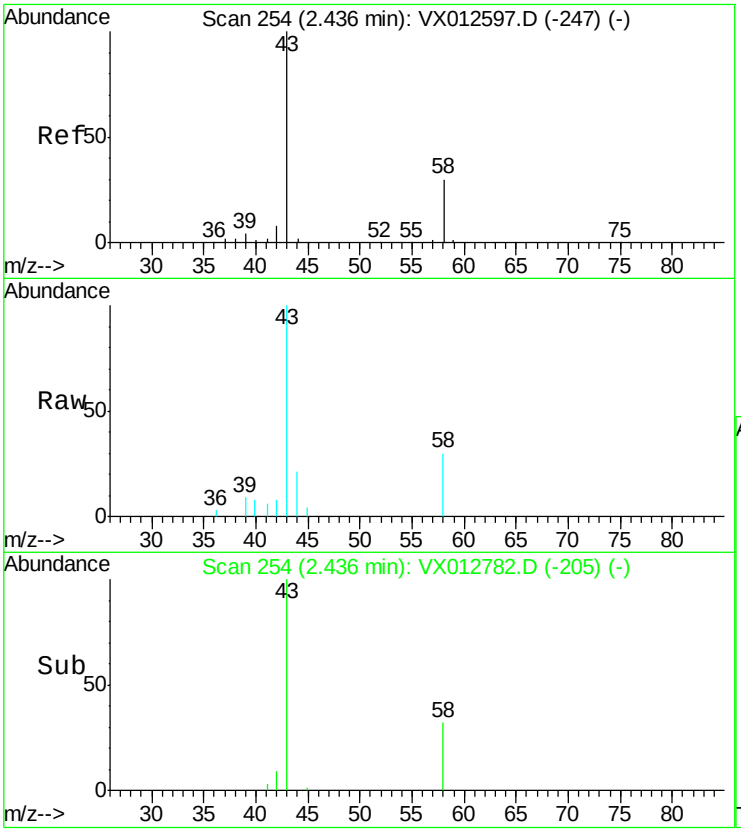


#13
Acrolein
Concen: 10.312 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 56 Resp: 29

Ion	Ratio	Lower	Upper
56	100		
55	3272.4	55.8	83.8#



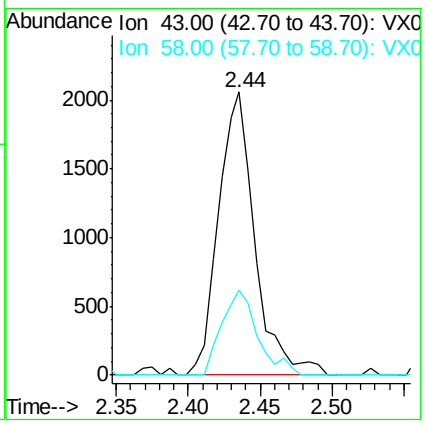


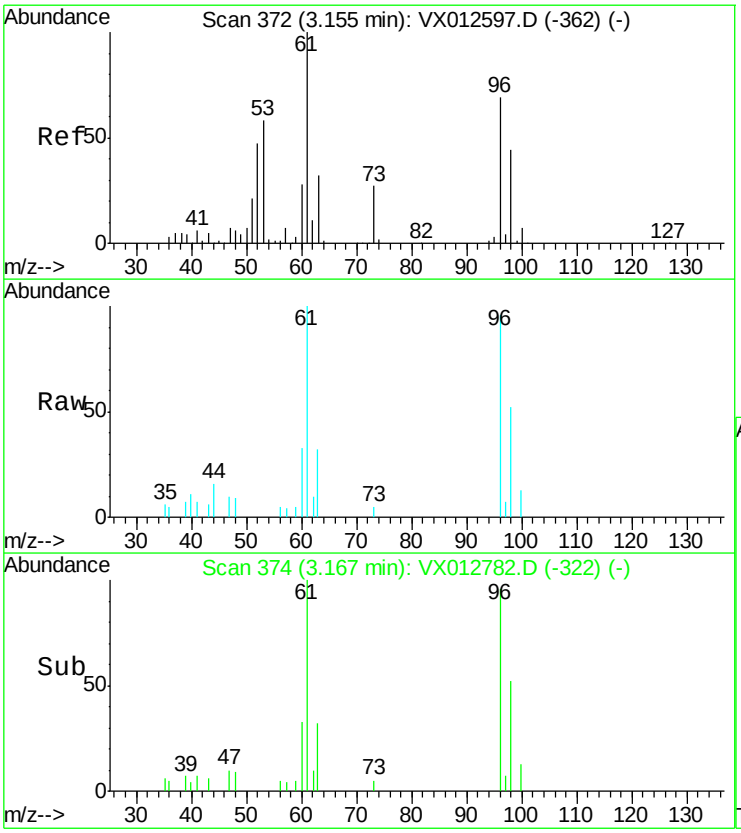
#16
Acetone
Concen: 2.704 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 43 Resp: 3635

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.3	34.9

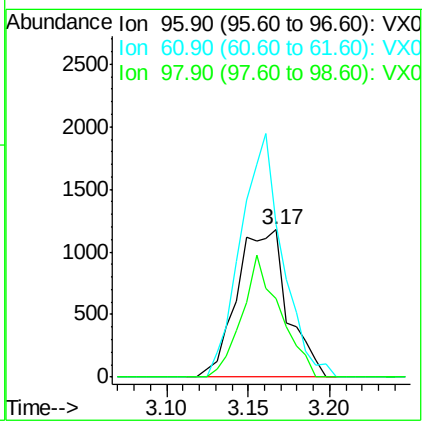


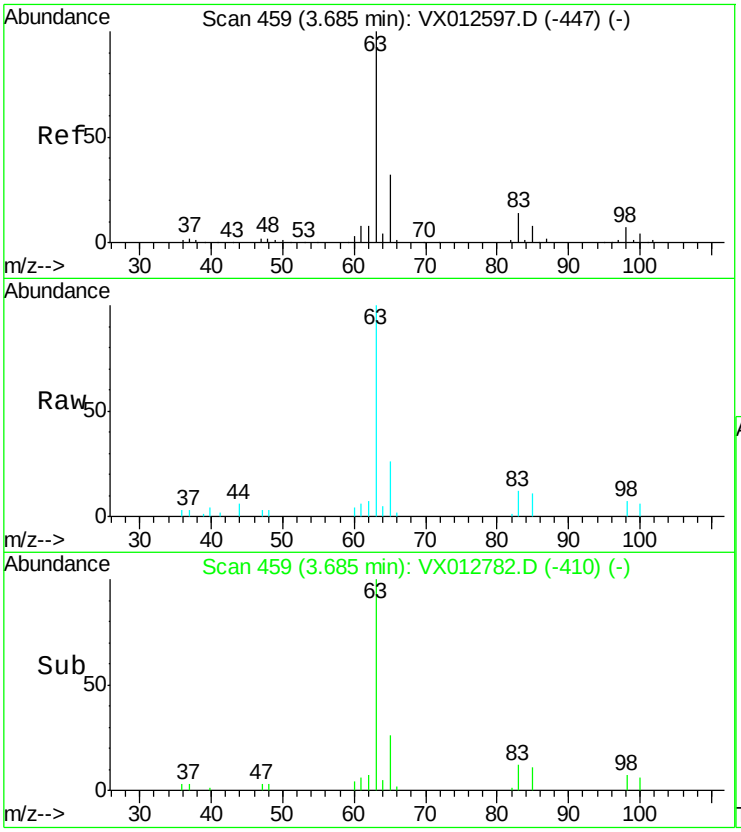


#21
trans-1,2-Dichloroethene
Concen: 1.225 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.02 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 96 Resp: 2543

Ion	Ratio	Lower	Upper
96	100		
61	104.0	112.0	168.0#
98	53.6	47.8	71.8



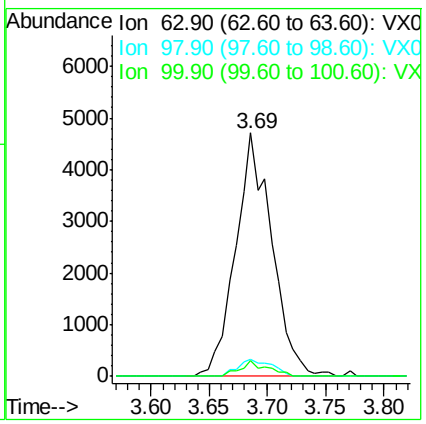


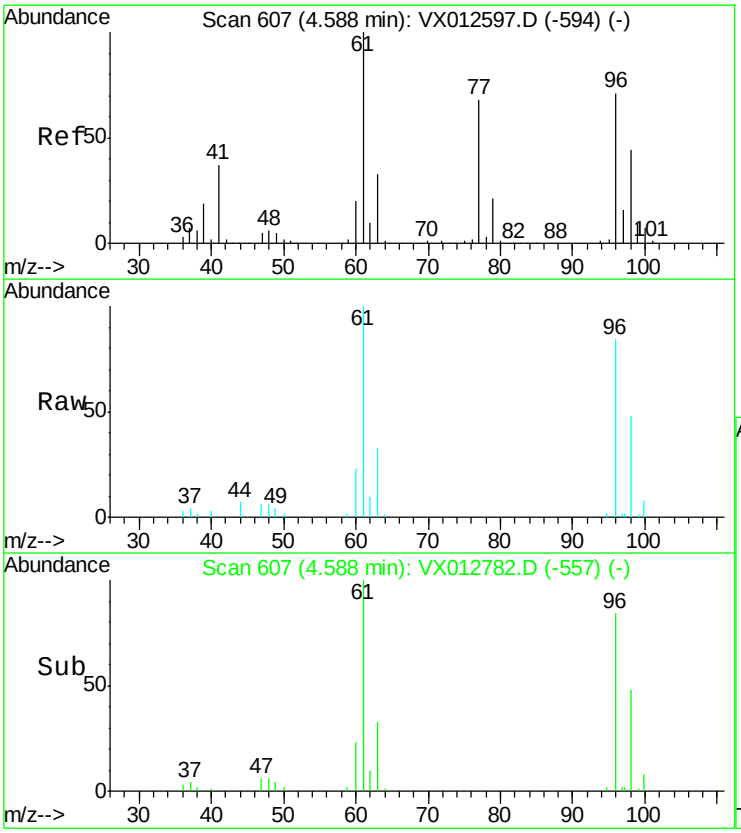
#24
1,1-Dichloroethane
Concen: 2.621 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 63 Resp: 10234

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.9	11.7
100	6.4	2.3	6.9

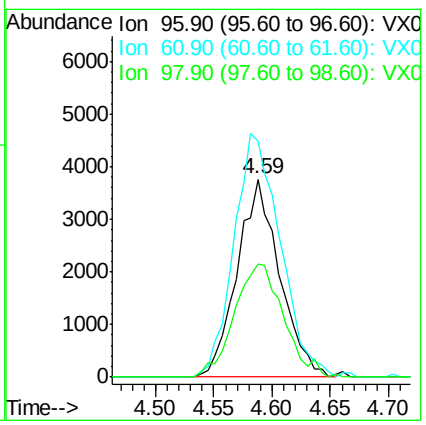


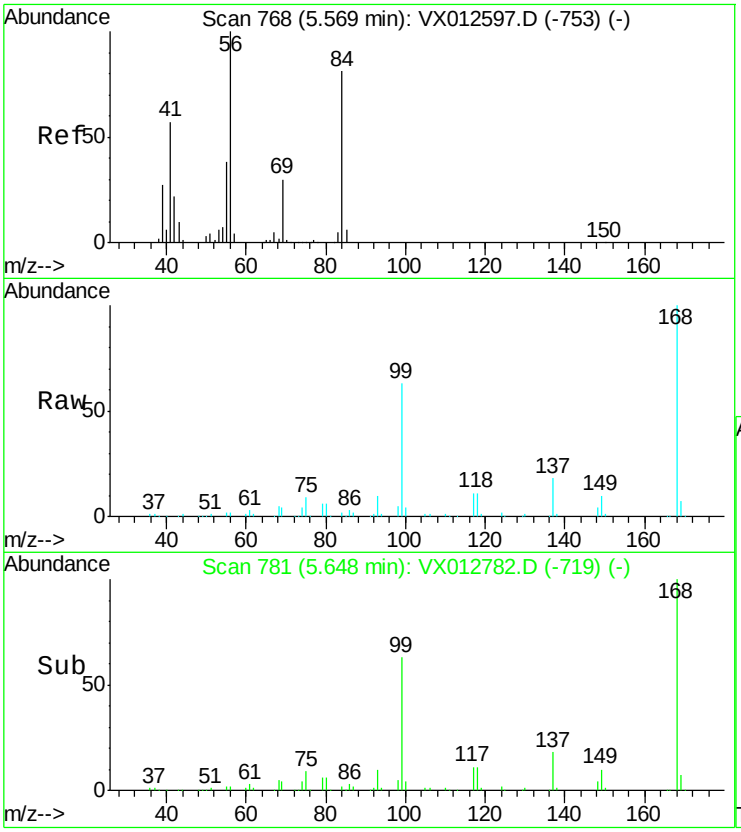


#27
cis-1,2-Dichloroethene
Concen: 3.953 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 96 Resp: 9523

Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	319.4
98	66.2	0.0	130.6



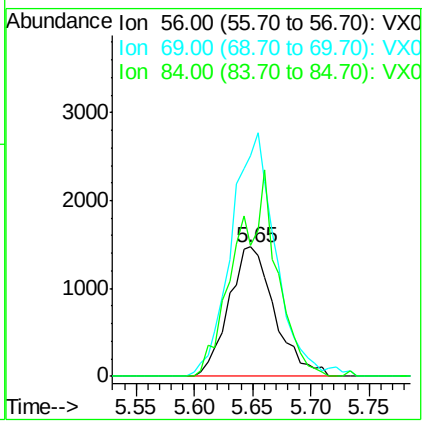


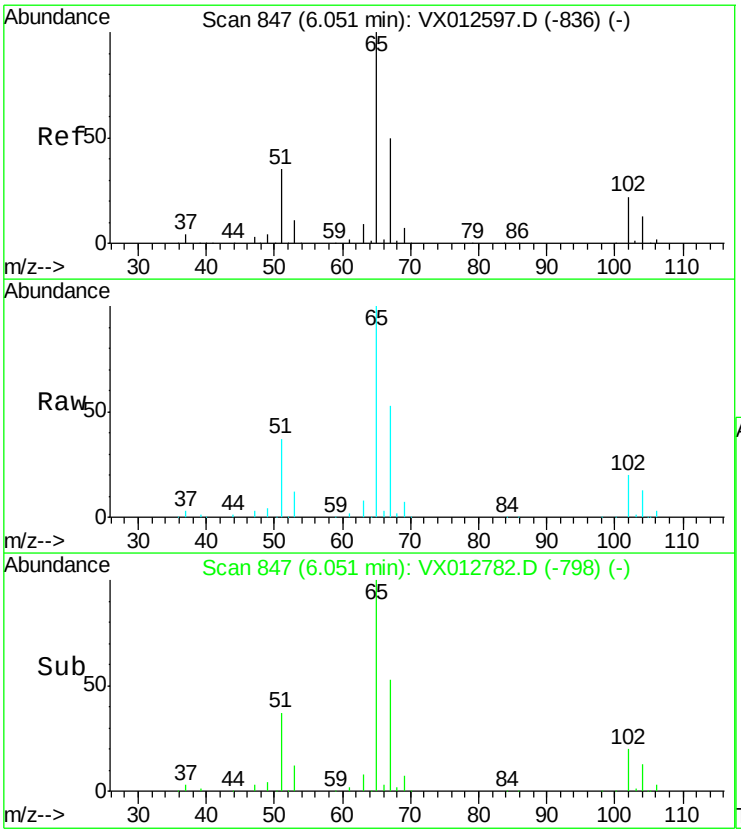
#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 56 Resp: 4035

Ion	Ratio	Lower	Upper
56	100		
69	170.6	25.0	37.6#
84	100.9	66.4	99.6#

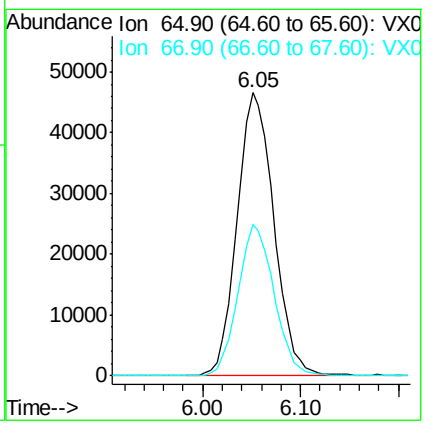


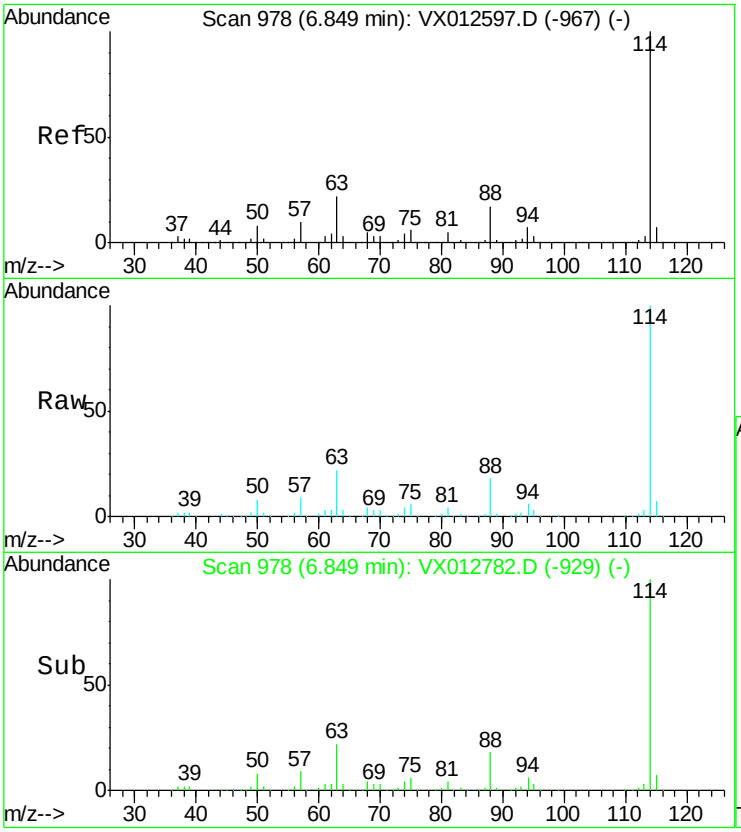


#33
1,2-Dichloroethane-d4
Concen: 47.832 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 65 Resp: 121394

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	101.2



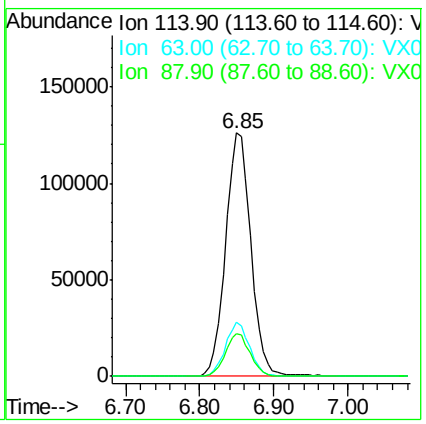


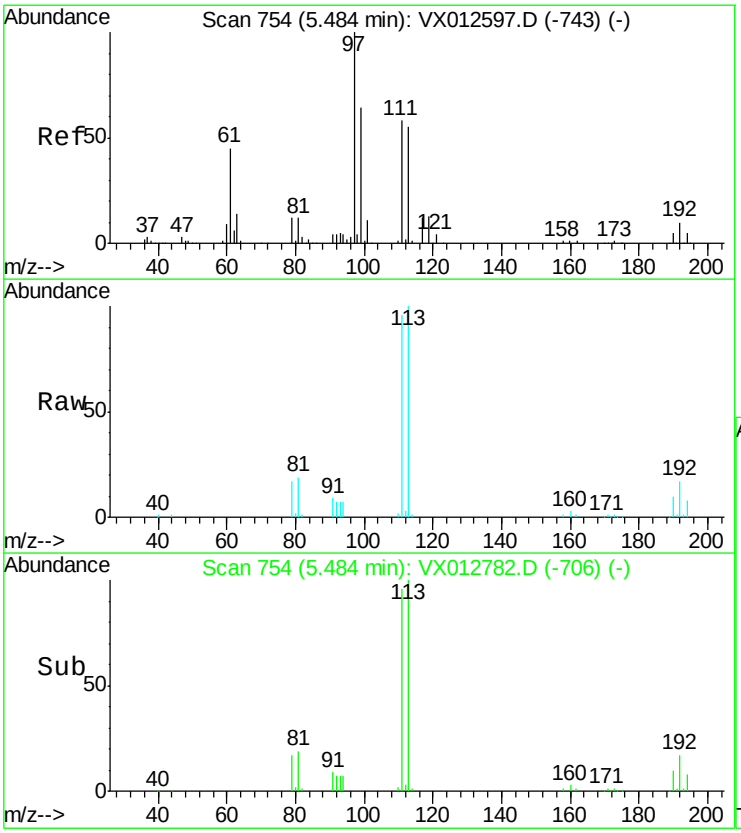
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument : MSVOA_X
ClientSampleId : S49-0524

Tgt Ion:114 Resp: 299541

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	17.5	0.0	33.2

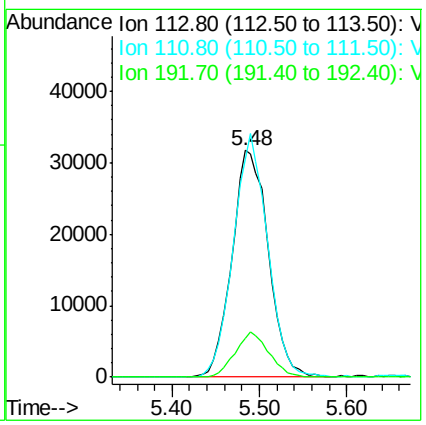


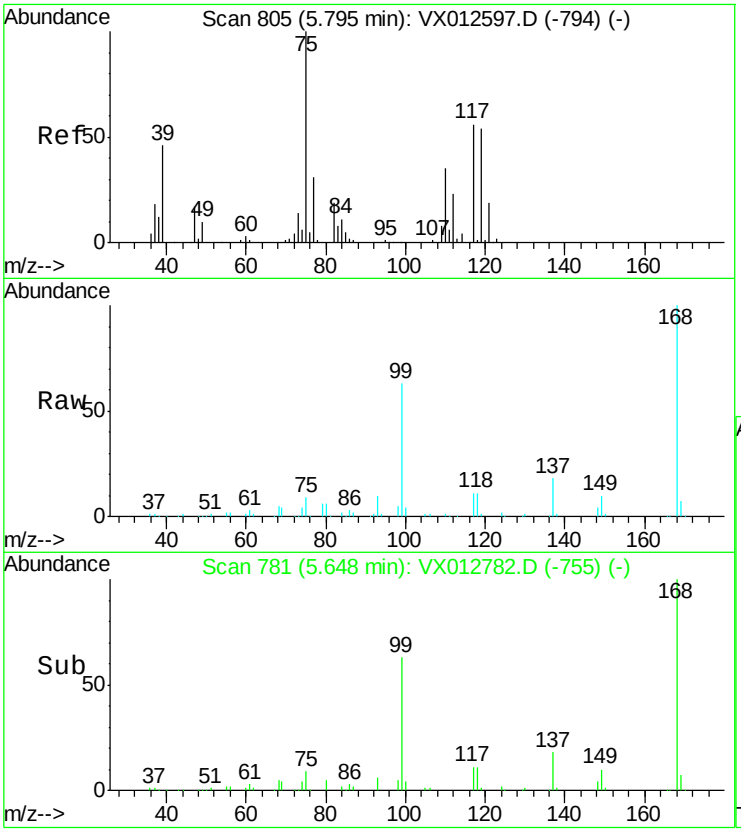


#35
Dibromofluoromethane
Concen: 51.493 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion:113 Resp: 91859

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.4	125.2
192	18.6	14.4	21.6



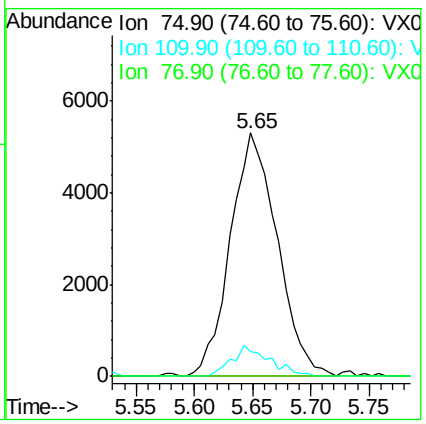


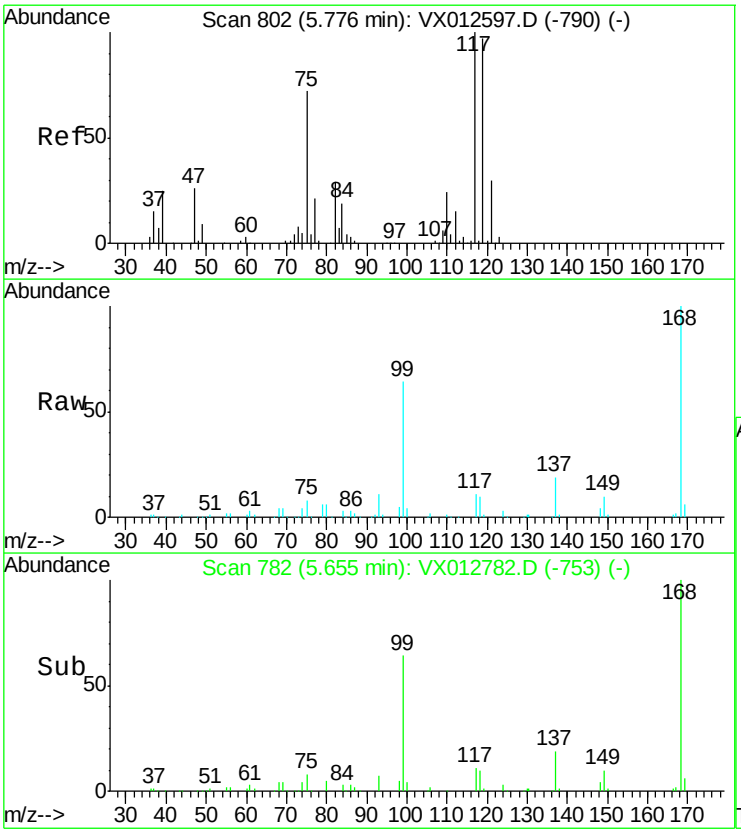
#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 75 Resp: 14884

Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.7	50.0#
77	0.0	24.2	36.2#

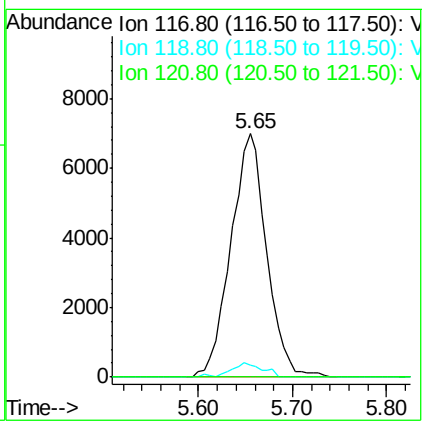


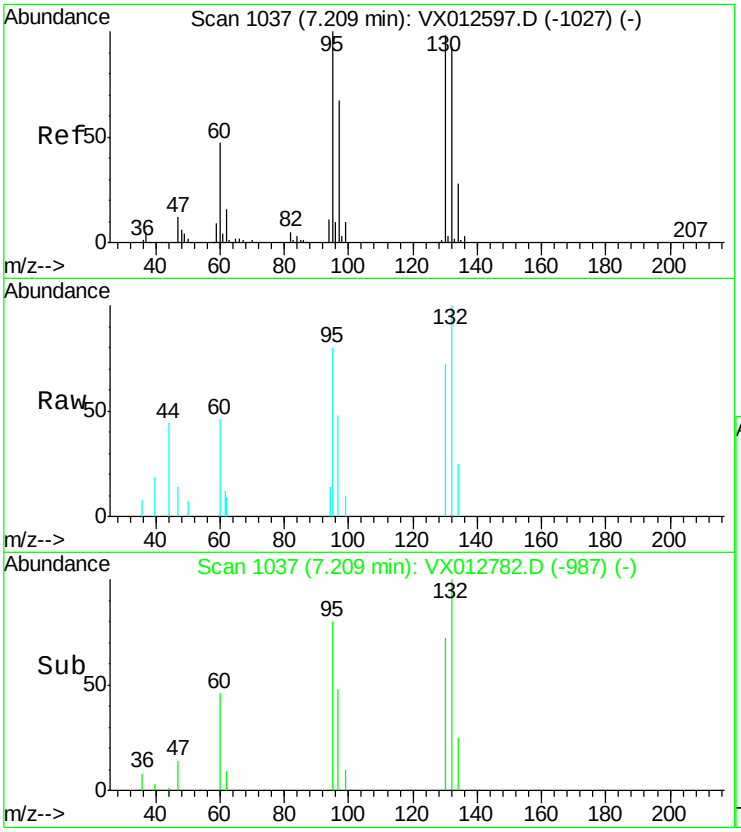


#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion:117 Resp: 18513

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.7	113.5#
121	0.0	24.2	36.4#



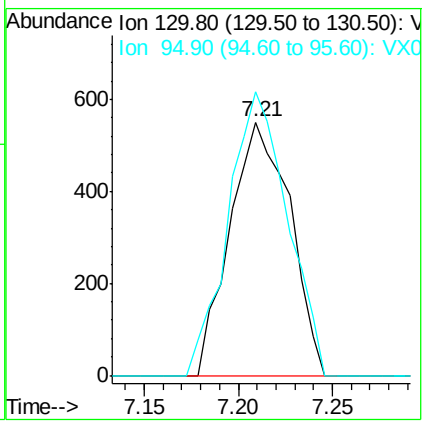


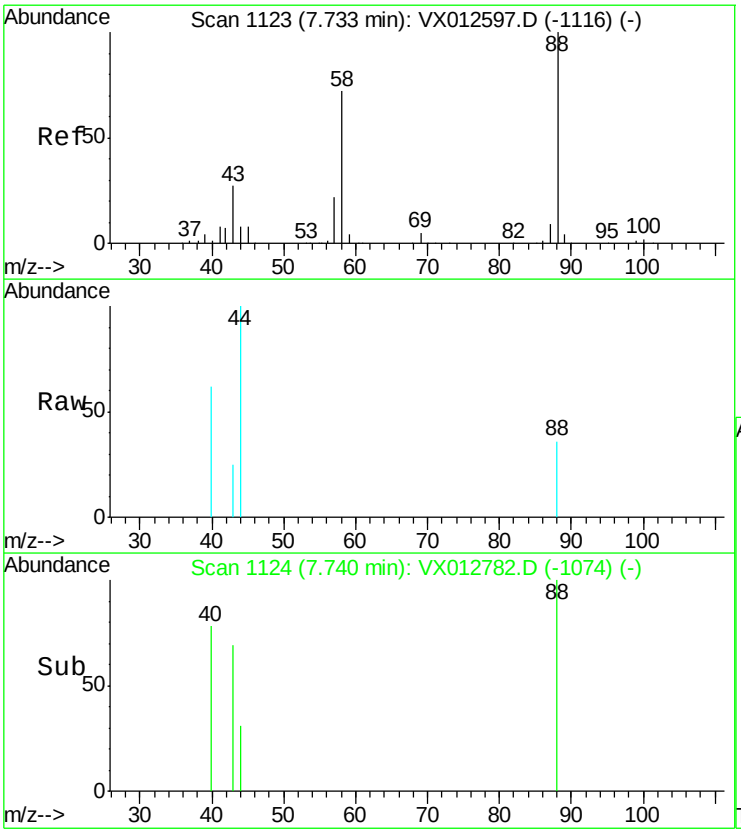
#44
Trichloroethene
Concen: 0.558 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion:130 Resp: 1212

Ion	Ratio	Lower	Upper
130	100		
95	112.0	0.0	193.0

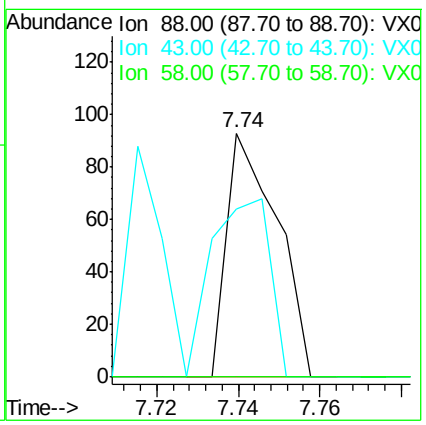


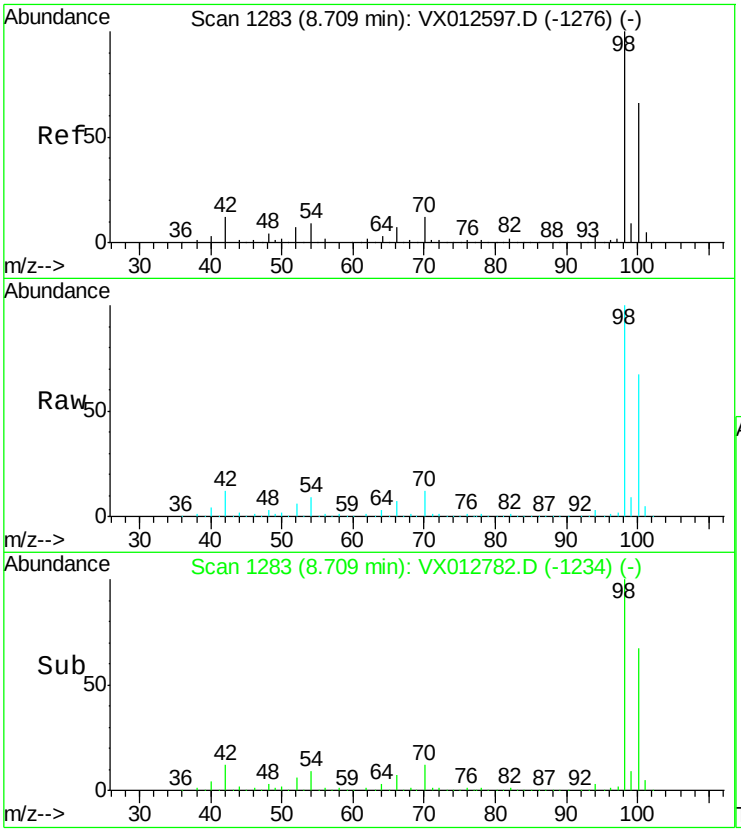


#49
1,4-Dioxane
Concen: 1.303 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	85.0	29.4	44.0#
58	0.0	57.5	86.3#



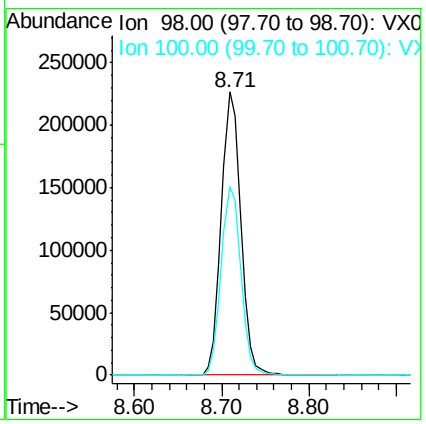


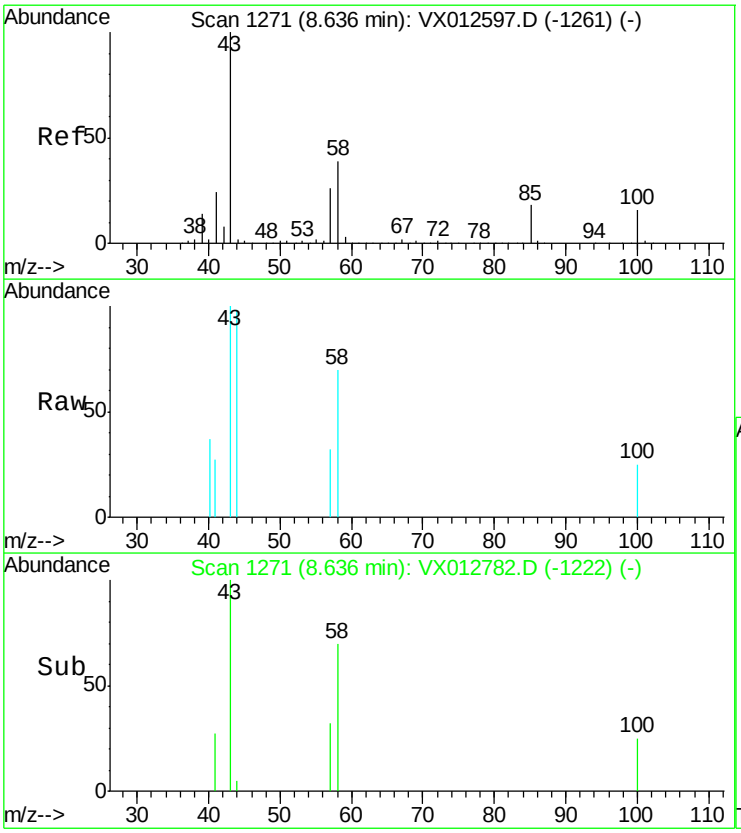
#50
Toluene-d8
Concen: 51.384 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 98 Resp: 353003

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2

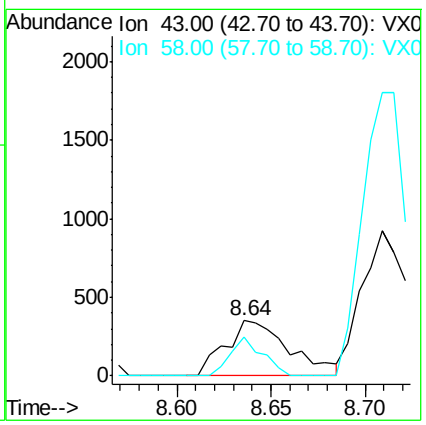


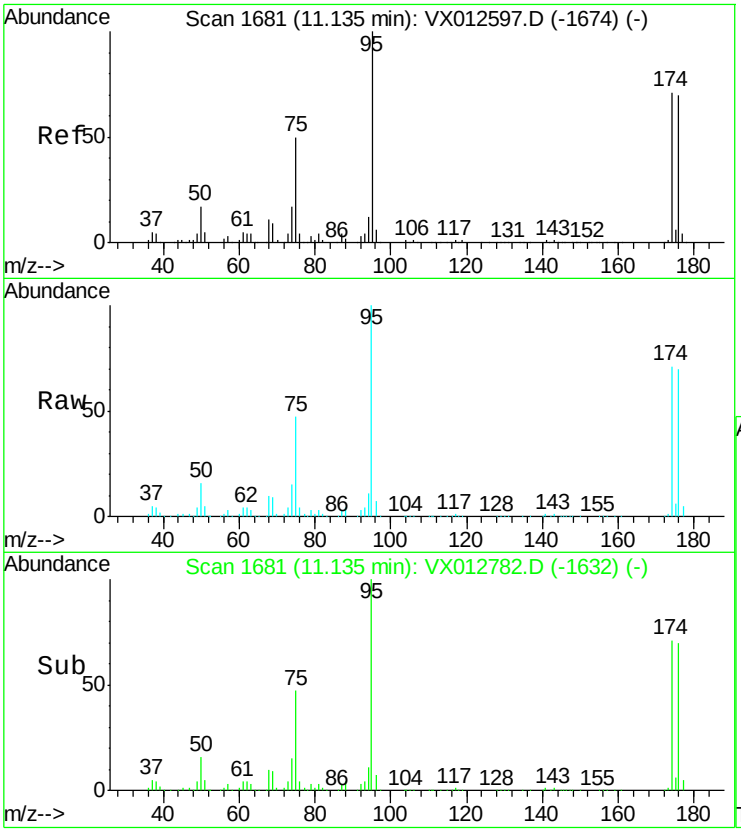


#51
4-Methyl-2-Pentanone
Concen: 0.238 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 43 Resp: 829

Ion	Ratio	Lower	Upper
43	100		
58	35.2	29.8	44.6



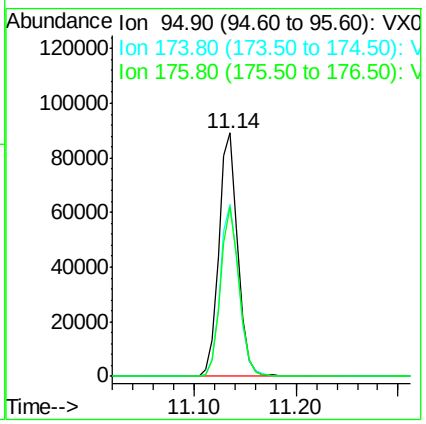


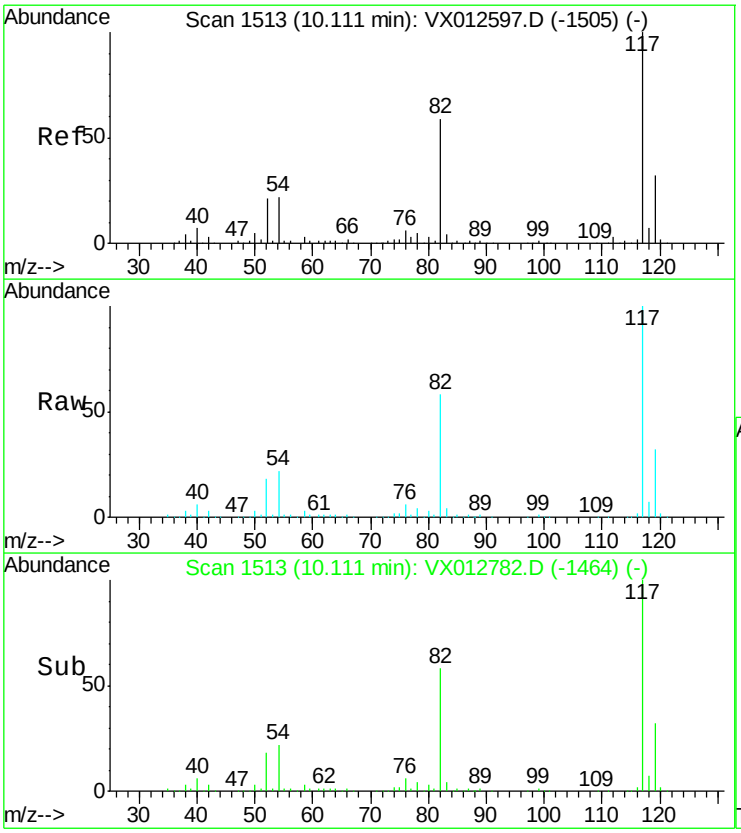
#62
4-Bromofluorobenzene
Concen: 42.774 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 95 Resp: 115545

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	140.0
176	68.0	0.0	135.4

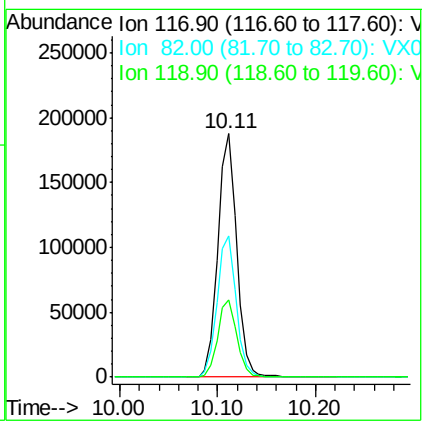


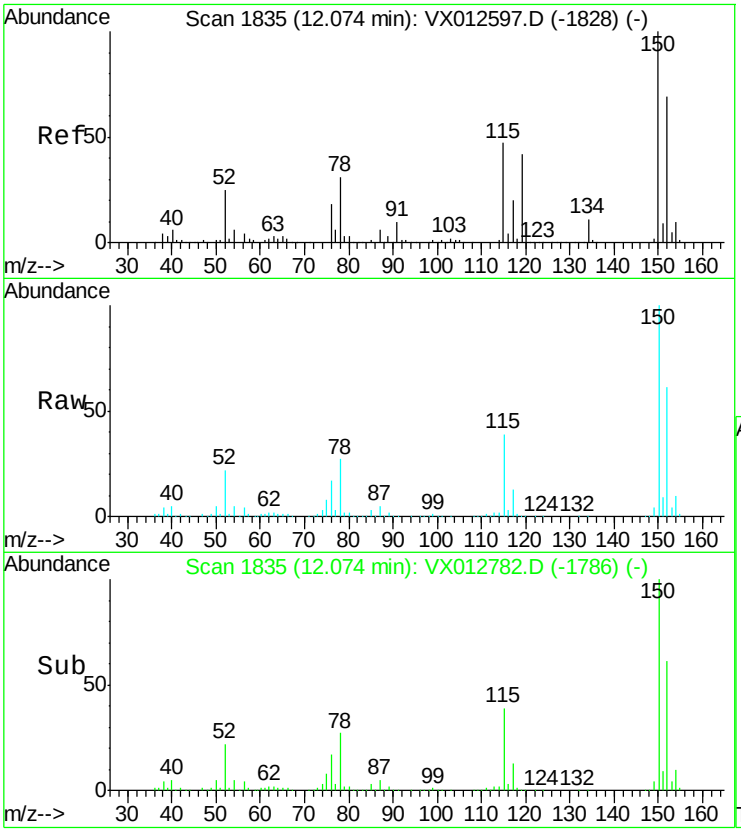


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion:117 Resp: 250857

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.9	68.9
119	32.0	25.3	37.9



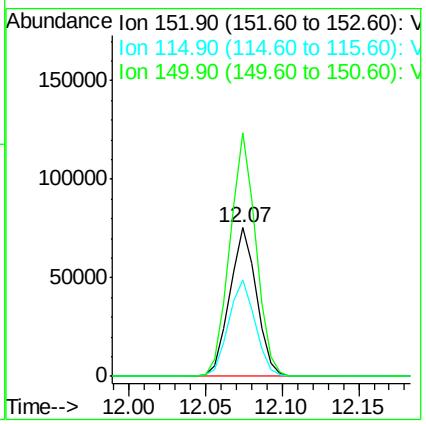


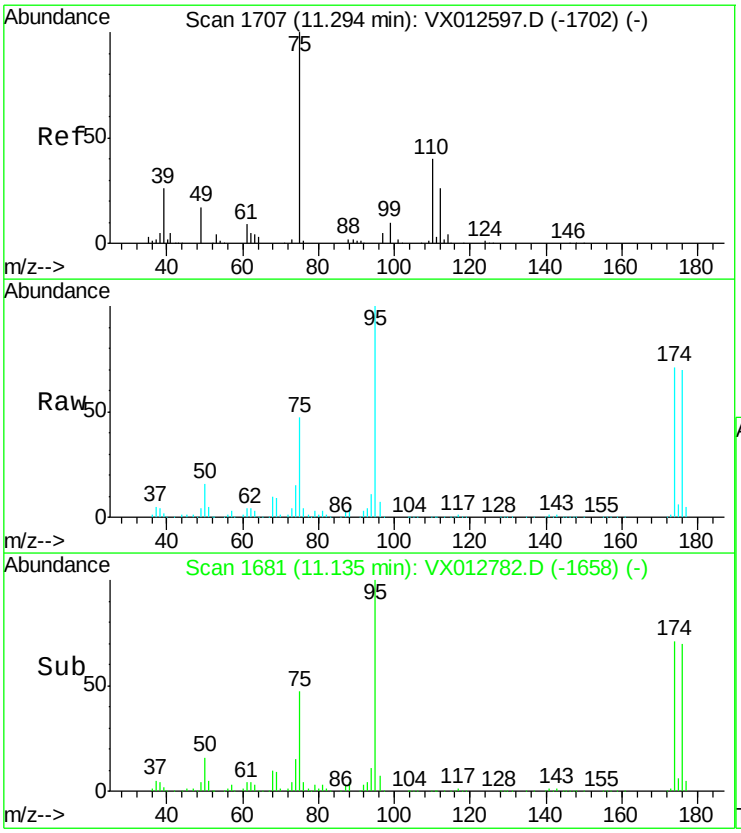
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument : MSVOA_X
ClientSampleId : S49-0524

Tgt Ion:152 Resp: 91478

Ion	Ratio	Lower	Upper
152	100		
115	64.7	44.1	132.3
150	158.8	0.0	343.8

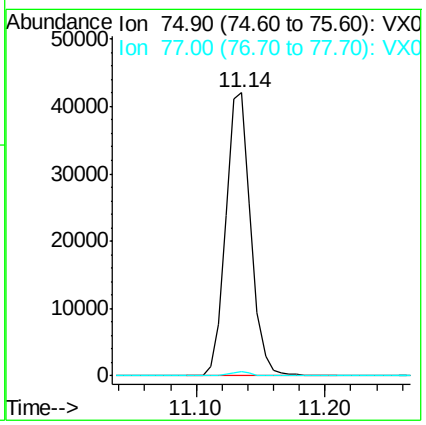


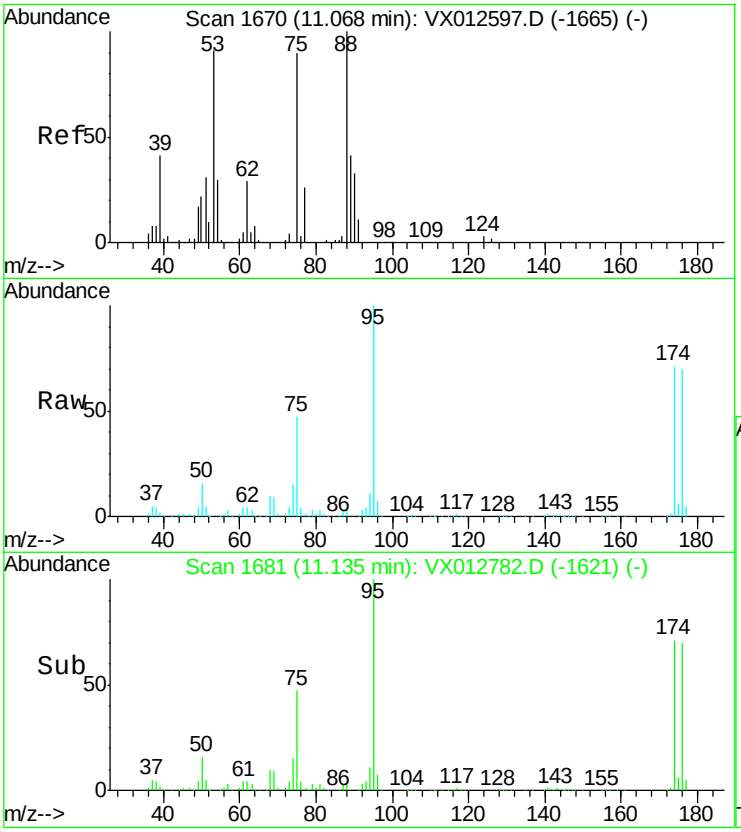


#76
1,2,3-Trichloropropane
Concen: 23.553 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Tgt Ion: 75 Resp: 56995

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.499 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012782.D
Acq: 03 Oct 2019 14:40

Instrument :
MSVOA_X
ClientSampleId :
S49-0524

Tgt Ion: 75 Resp: 56995

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