Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012642.D
Acq On : 24 Sep 2019 18:51
Operator : JC/SP
Sample : K5013-08RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0544

Quant Time: Sep 25 04:39:12 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	157199	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	272110	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	223631	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83652	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	114509	50.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.04%				
35) Dibromofluoromethane	5.49	113	81272	50.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.30%				
50) Toluene-d8	8.71	98	316281	50.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.36%				
62) 4-Bromofluorobenzene	11.14	95	105232	42.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.76%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	2432	1.205	ug/l		95
5) Bromomethane	1.65	94	235	0.296	ug/l	#	54
6) Chloroethane	1.66	64	451	0.331	ug/l	#	45
13) Acrolein	2.27	56	245	10.970	ug/l	#	1
16) Acetone	2.43	43	462	0.381	ug/l	#	46
21) trans-1,2-Dichloroethene	3.16	96	1692	0.904	ug/l		88
24) 1,1-Dichloroethane	3.69	63	3898	1.107	ug/l		99
27) cis-1,2-Dichloroethene	4.59	96	4087	1.881	ug/l		89
31) Cyclohexane	5.65	56	4112	1.291	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	13738	5.238	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	17572	6.595	ug/l	#	17
40) Benzene	6.14	78	1801	0.233	ug/l		100
44) Trichloroethene	7.22	130	772	0.391	ug/l		94
60) Dibromochloromethane	9.34	129	434	0.222	ug/l	#	11
64) Tetrachloroethene	9.34	164	328	0.210	ug/l	#	66
76) 1,2,3-Trichloropropane	11.14	75	54782	24.757	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	54782	70.948	ug/l	#	8

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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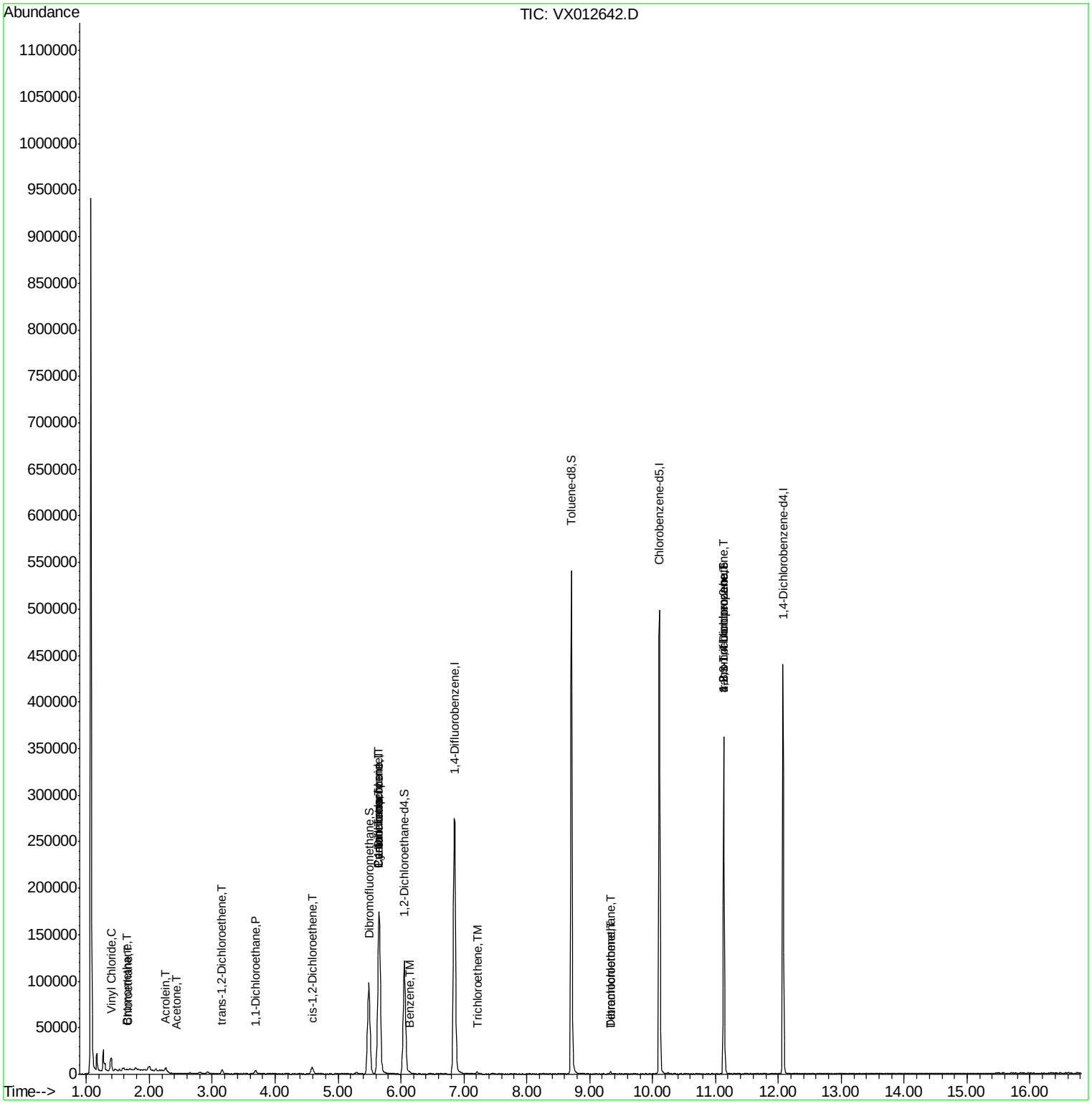
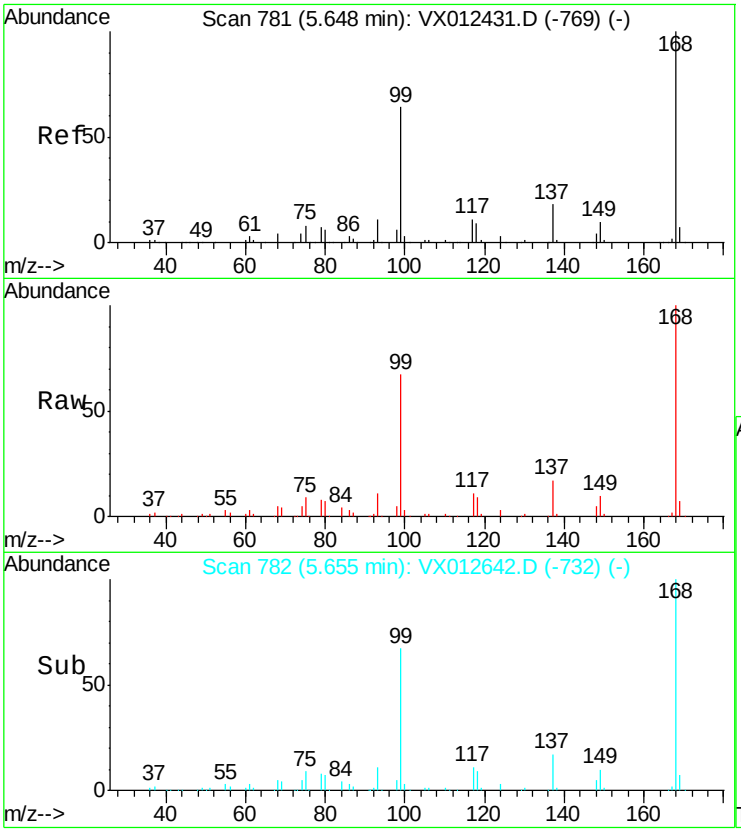
ClientSampleId :
S49-0544

Quant Time: Sep 25 04:39:12 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



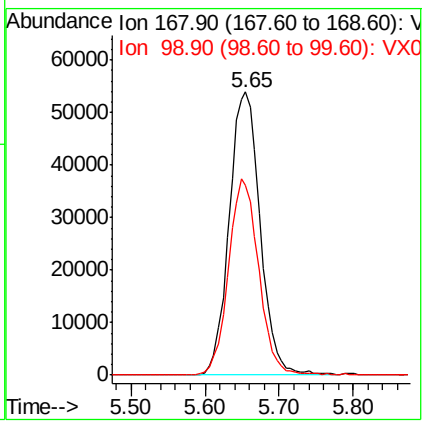


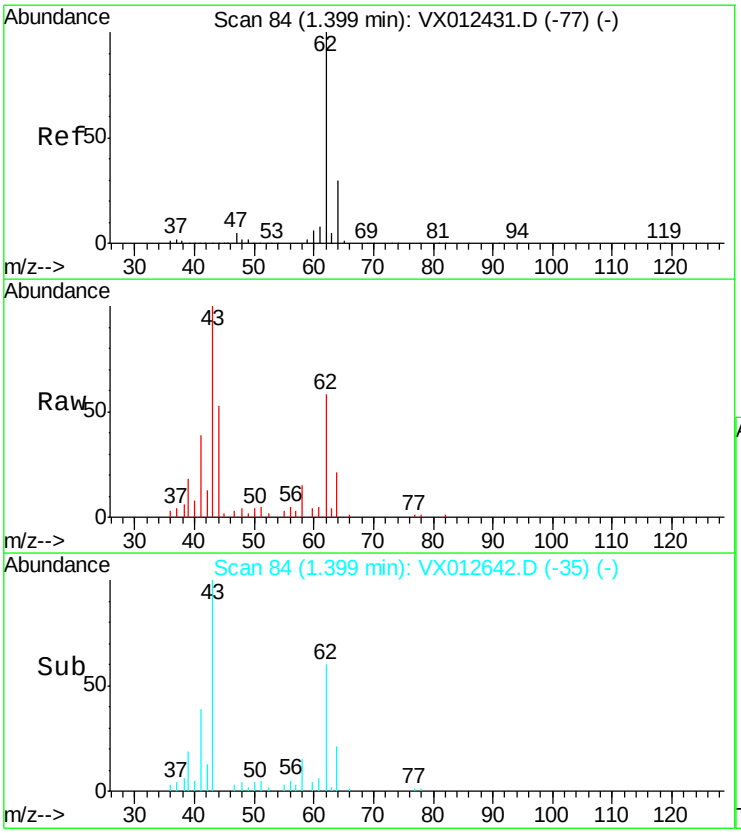
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion:168 Resp: 157199

Ion	Ratio	Lower	Upper
168	100		
99	67.2	51.4	77.2

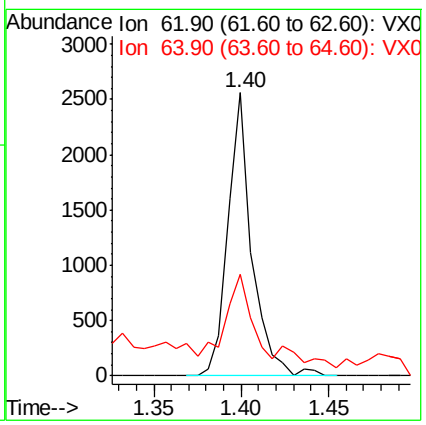


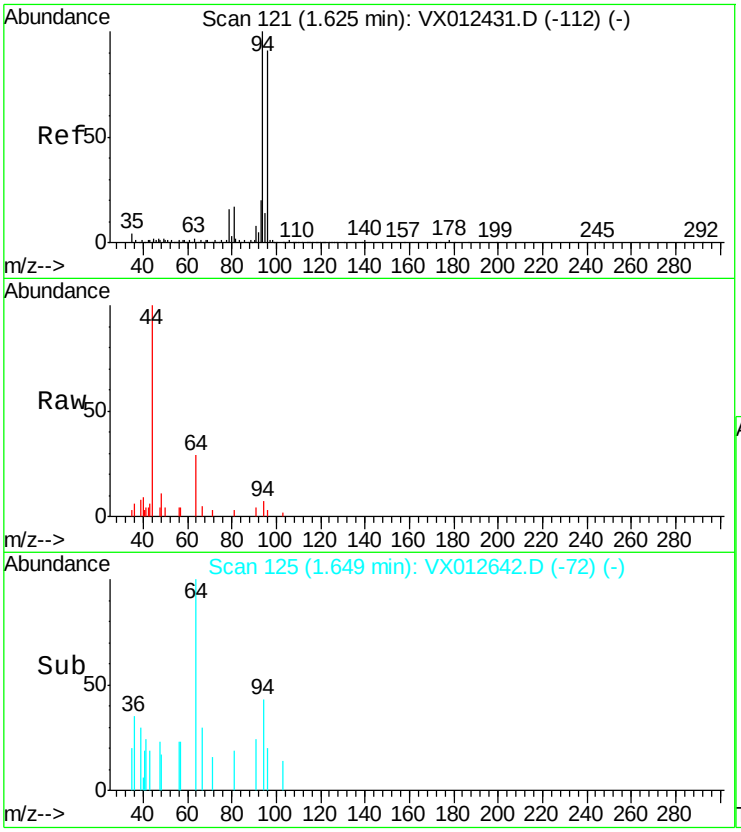


#4
Vinyl Chloride
Concen: 1.205 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 62 Resp: 2432

Ion	Ratio	Lower	Upper
62	100		
64	33.0	24.2	36.2



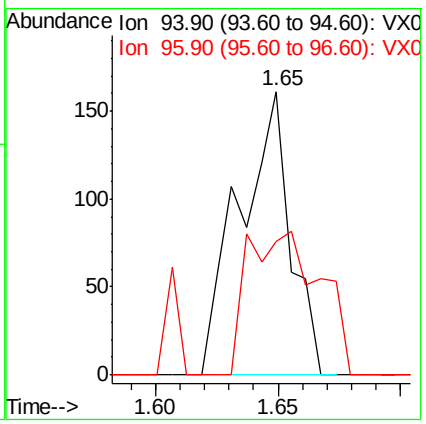


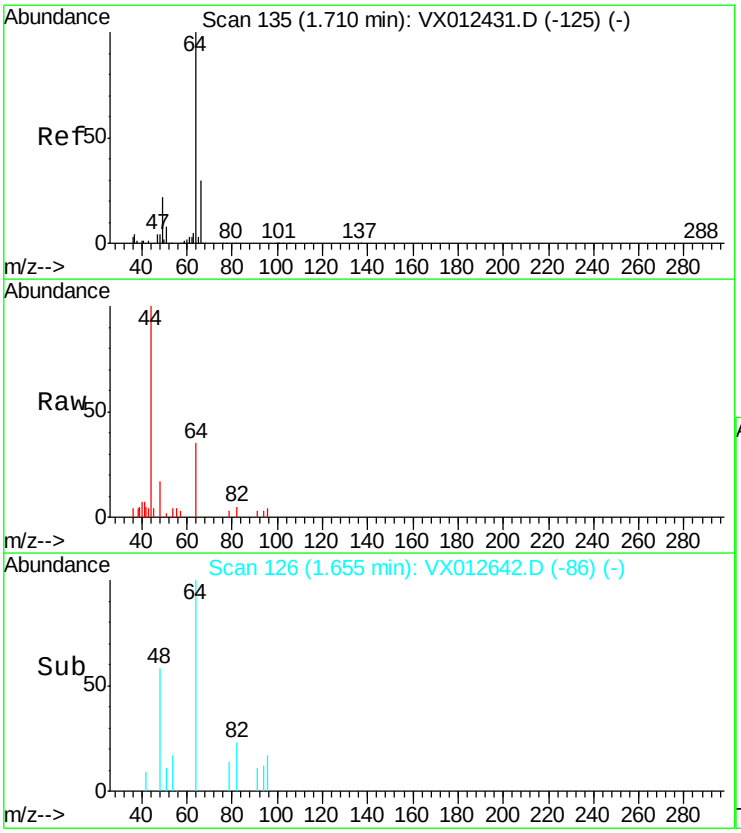
#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion: 94 Resp: 235

Ion	Ratio	Lower	Upper
94	100		
96	47.2	72.8	109.2#

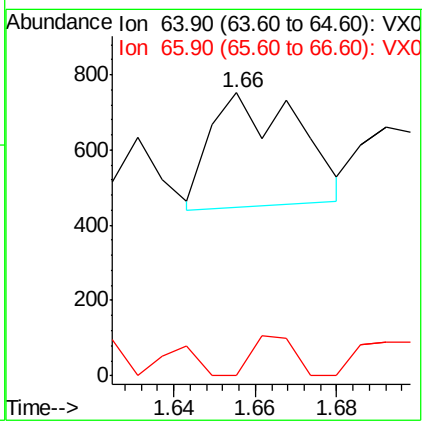


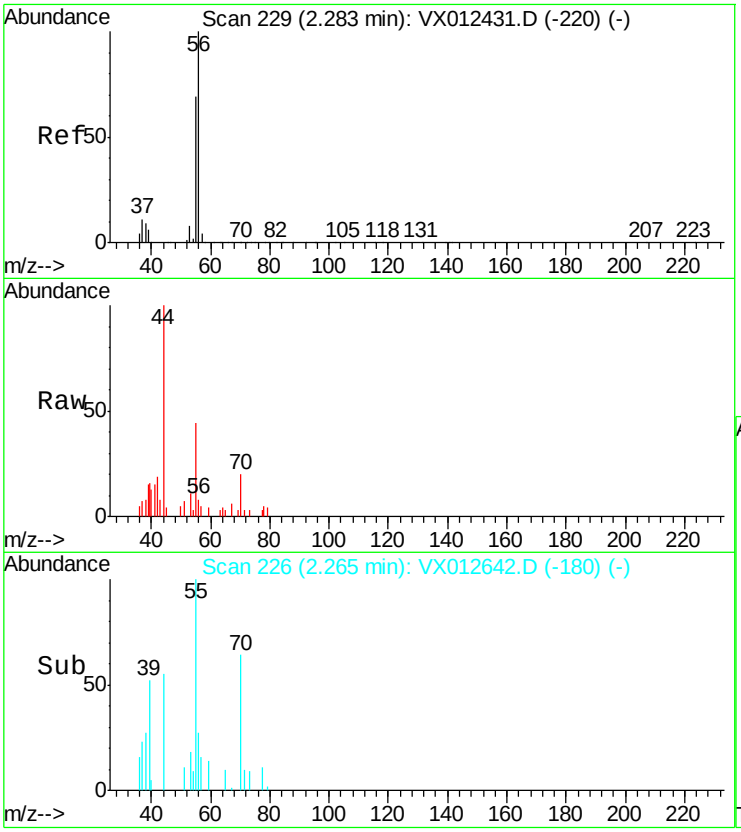


#6
Chloroethane
Concen: 0.331 ug/l
RT: 1.66 min Scan# 126
Delta R.T. -0.05 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 64 Resp: 451

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#



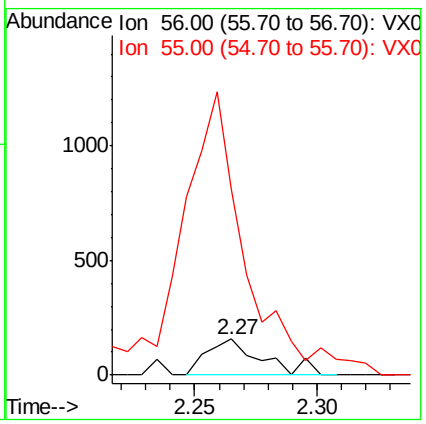


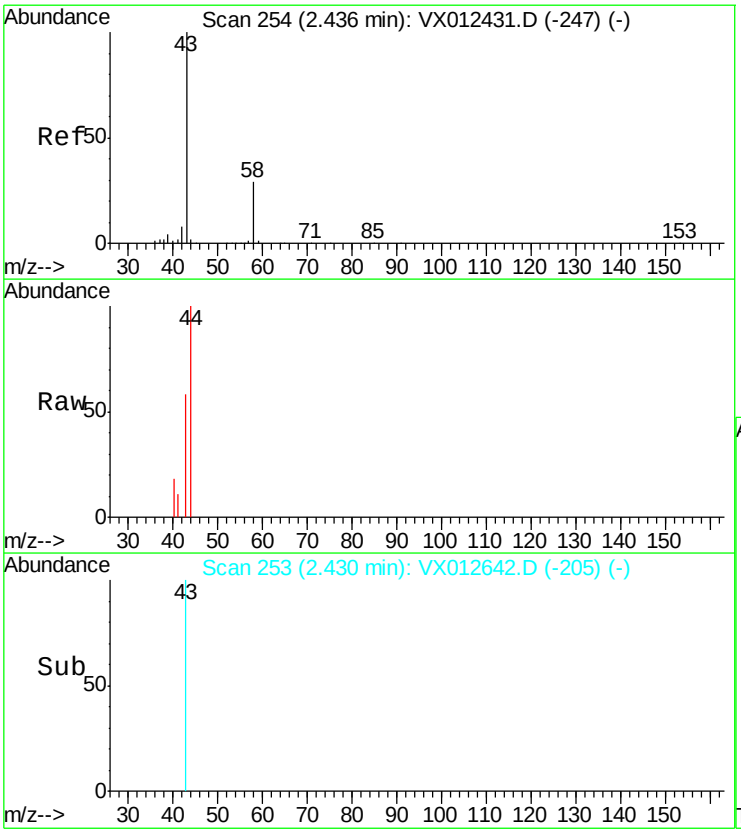
#13
Acrolein
Concen: 10.970 ug/l
RT: 2.27 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion: 56 Resp: 245

Ion	Ratio	Lower	Upper
56	100		
55	894.3	55.8	83.8#

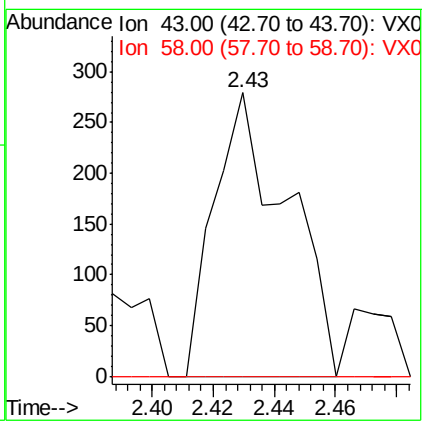


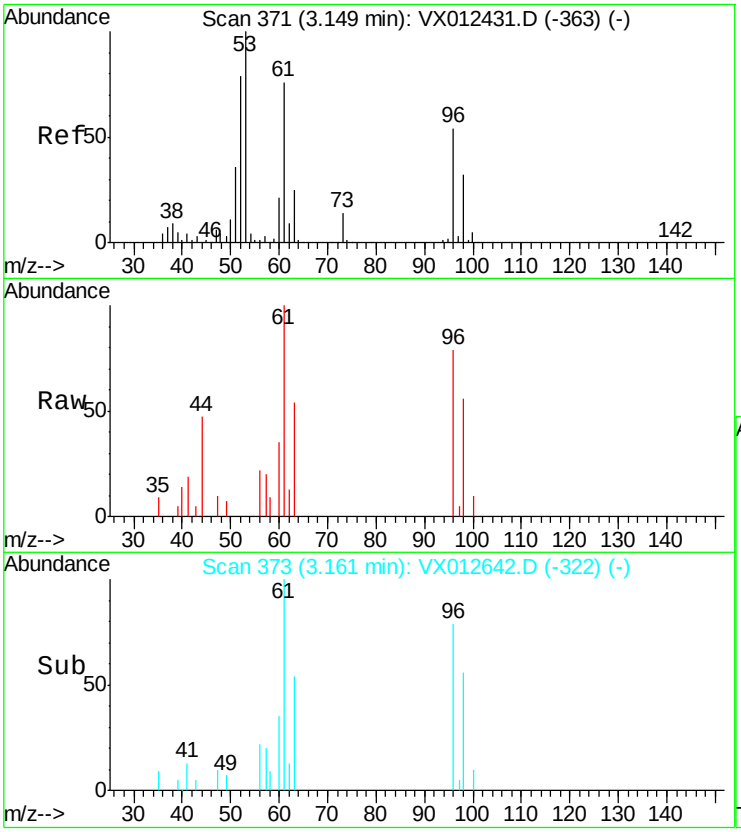


#16
Acetone
Concen: 0.381 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 43 Resp: 462

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	34.9#



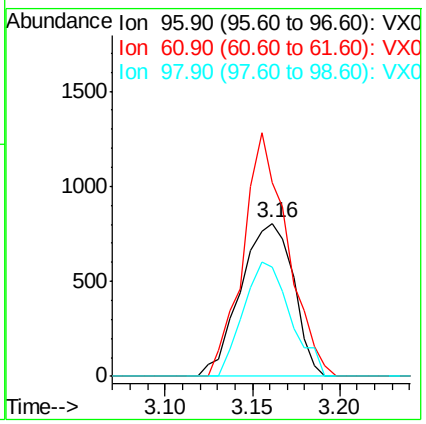


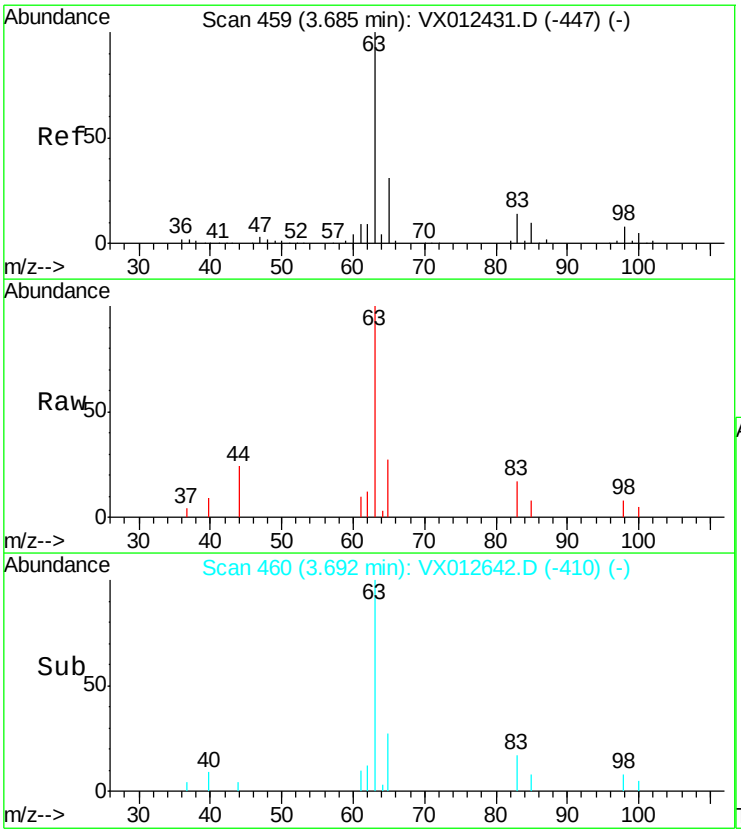
#21
trans-1,2-Dichloroethene
Concen: 0.904 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion: 96 Resp: 1692

Ion	Ratio	Lower	Upper
96	100		
61	127.0	112.0	168.0
98	71.2	47.8	71.8

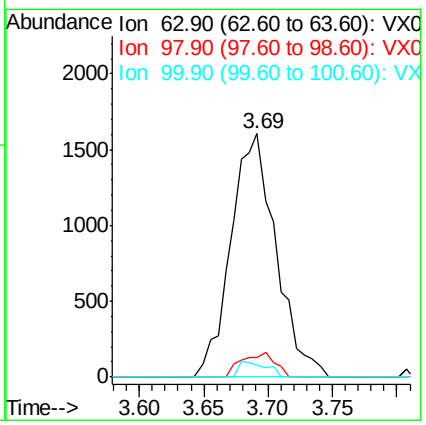


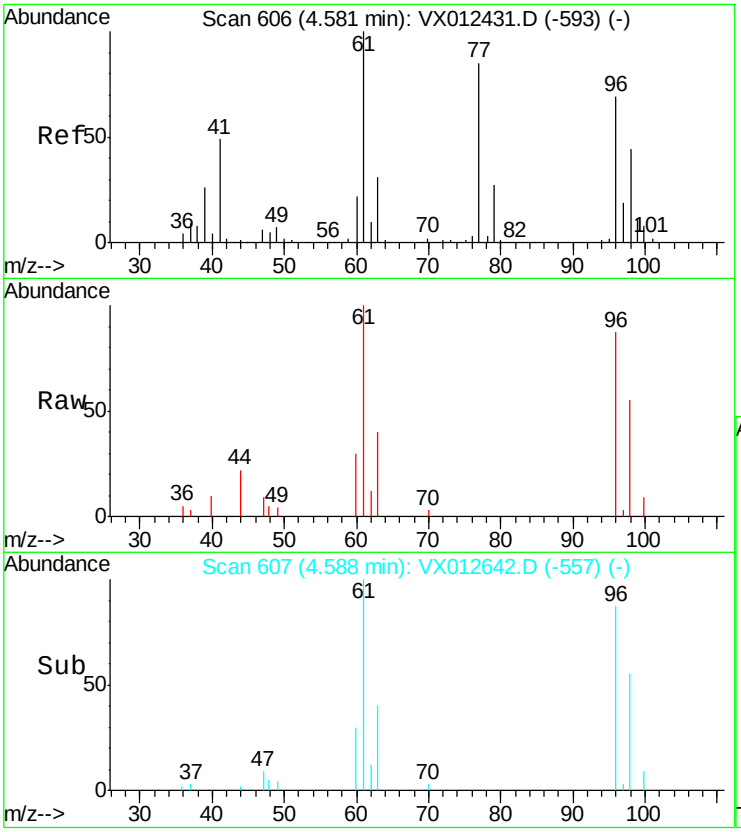


#24
1,1-Dichloroethane
Concen: 1.107 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 63 Resp: 3898

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.9	11.7
100	4.8	2.3	6.9



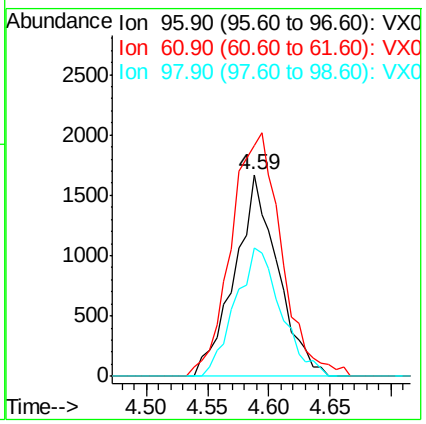


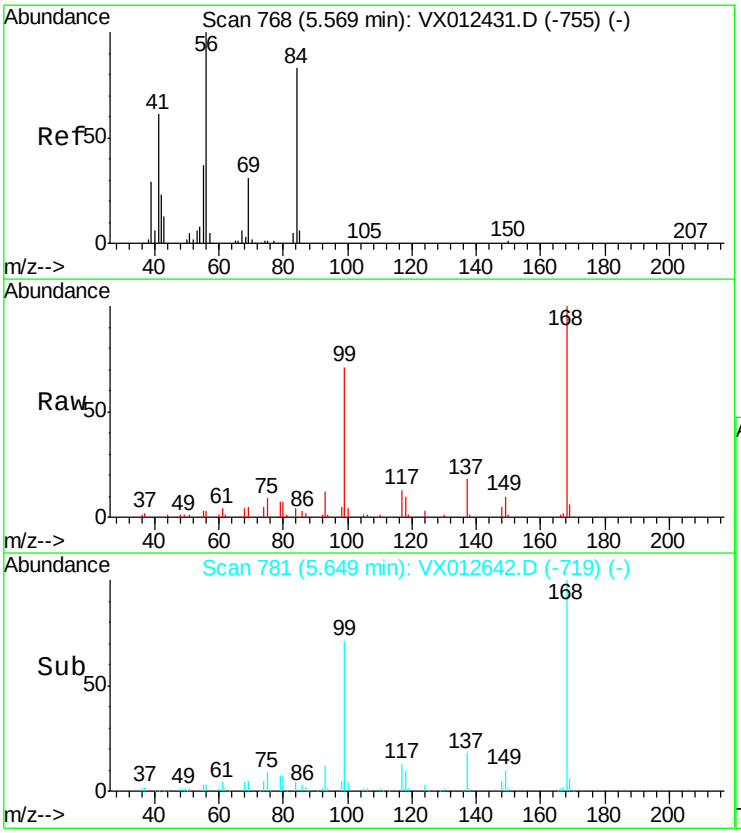
#27
cis-1,2-Dichloroethene
Concen: 1.881 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion: 96 Resp: 4087

Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	319.4
98	67.7	0.0	130.6

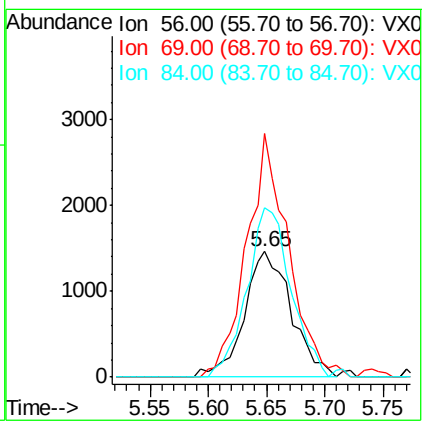


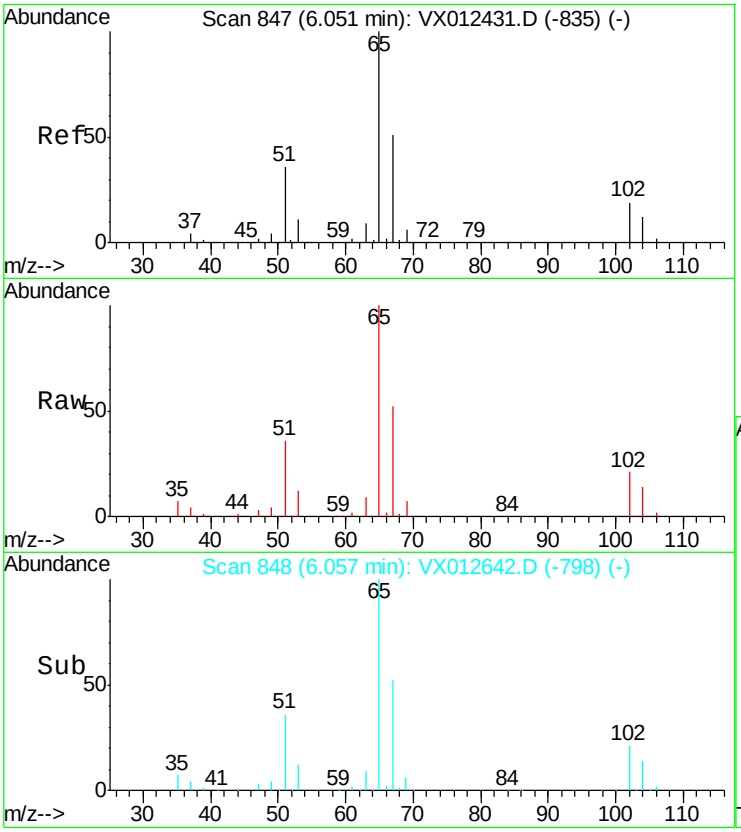


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 56 Resp: 4112

Ion	Ratio	Lower	Upper
56	100		
69	194.3	25.0	37.6#
84	134.8	66.4	99.6#



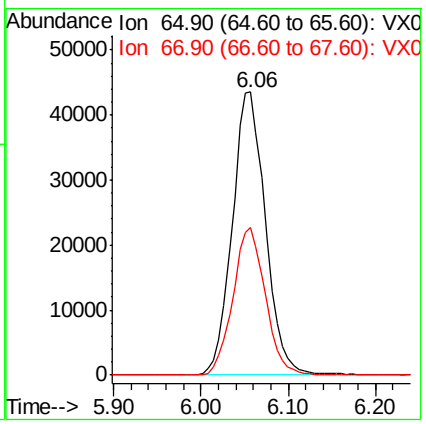


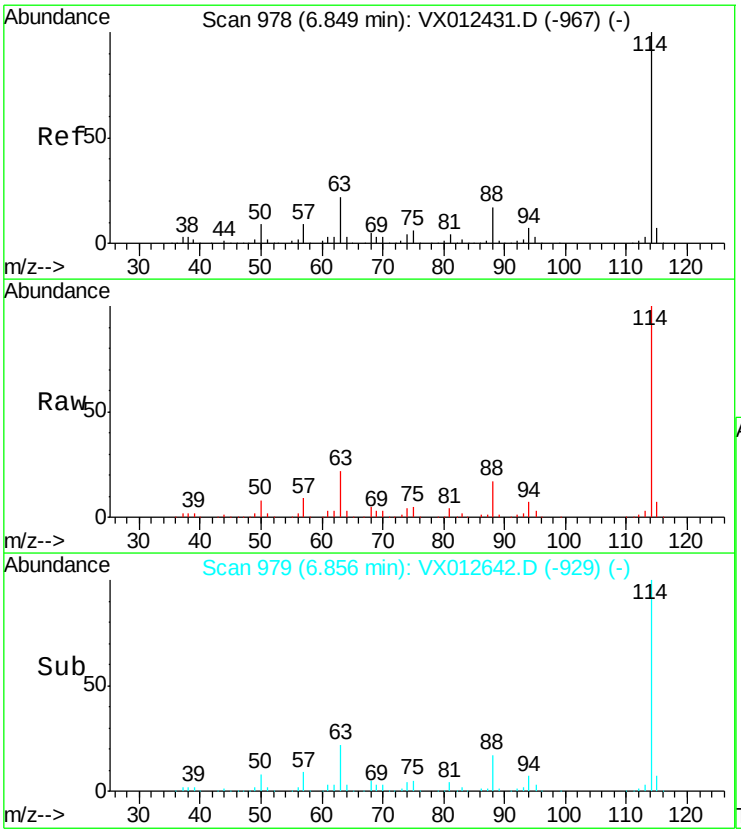
#33
1,2-Dichloroethane-d4
Concen: 50.023 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion: 65 Resp: 114509

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2

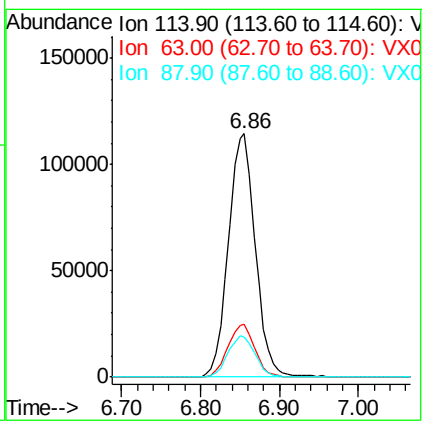


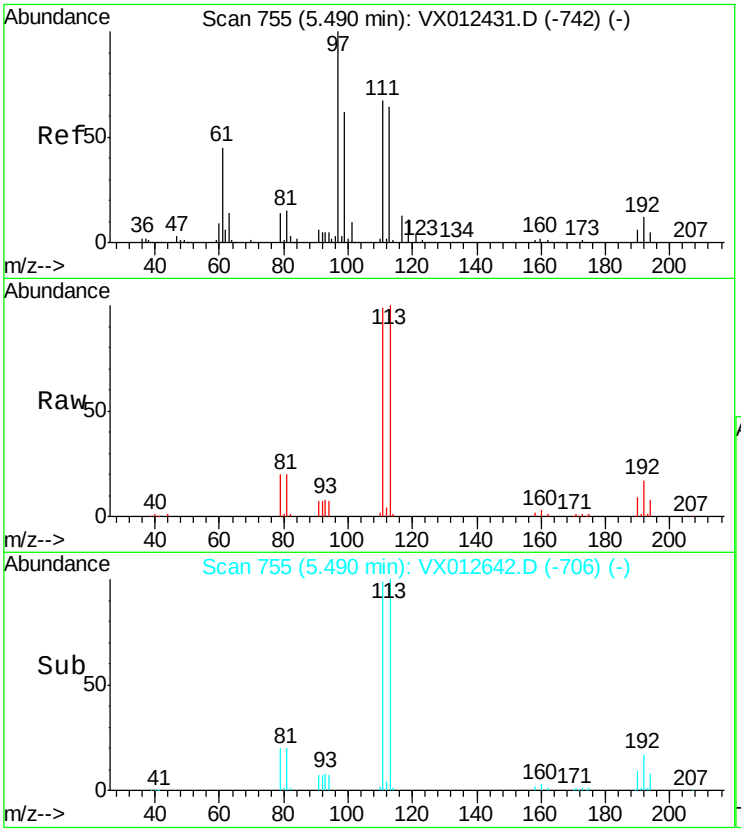


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion:114 Resp: 272110

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	16.7	0.0	33.2



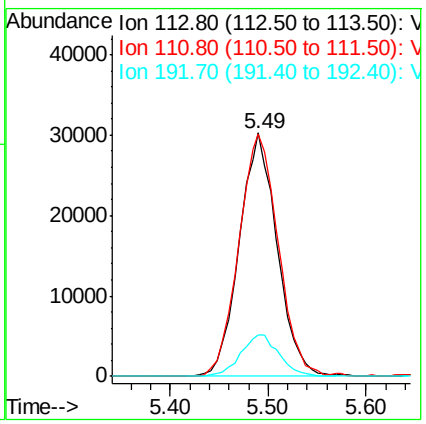


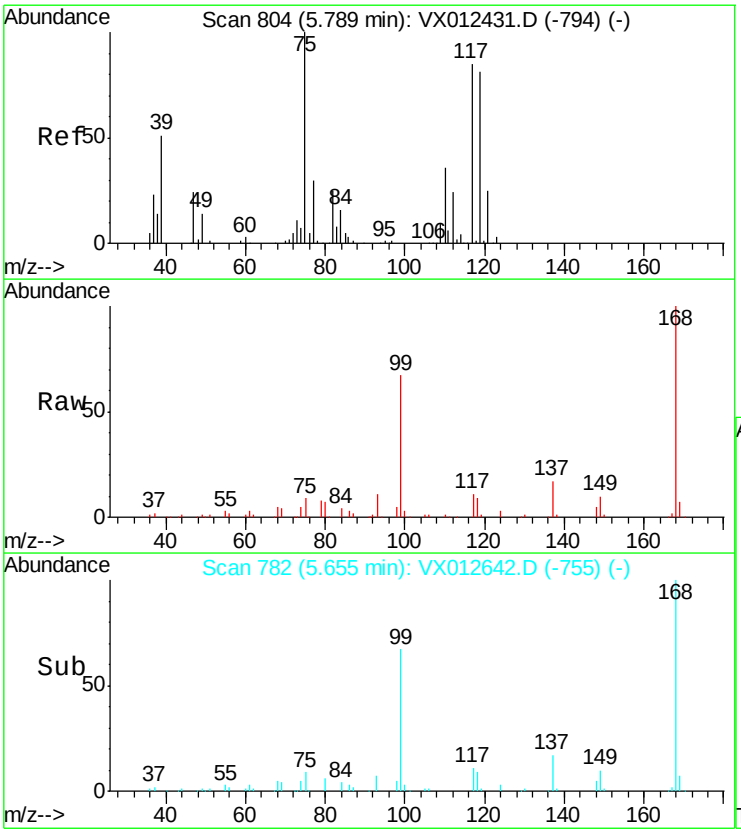
#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion:113 Resp: 81272

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.2
192	17.3	14.4	21.6

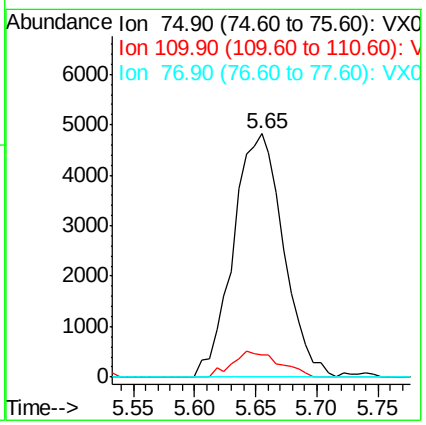


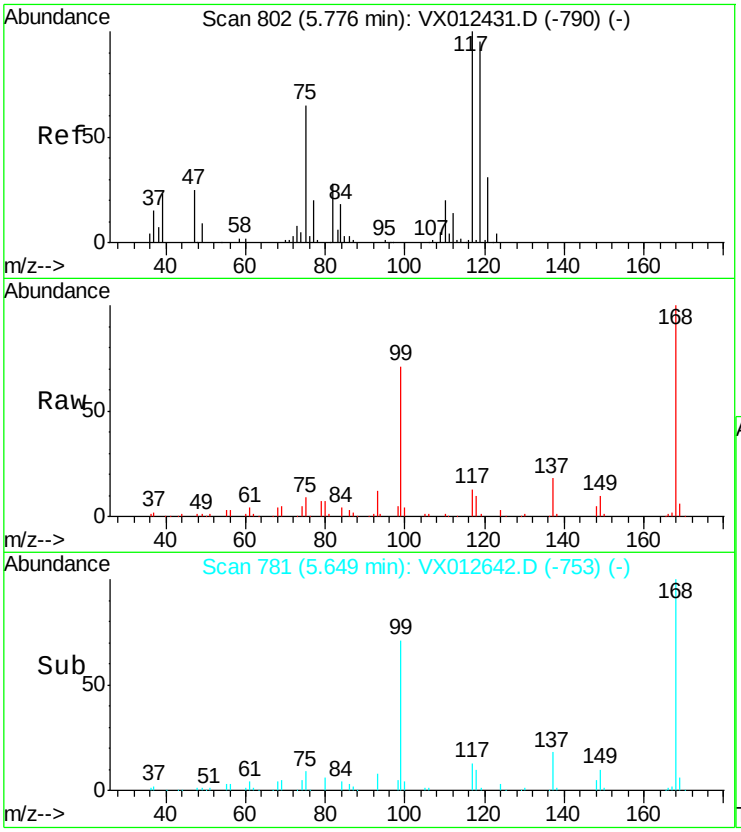


#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 75 Resp: 13738

Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.7	50.0#
77	0.0	24.2	36.2#



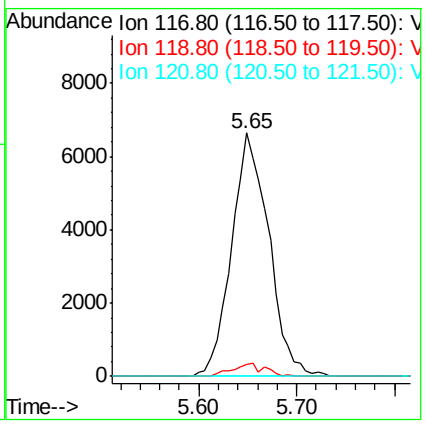


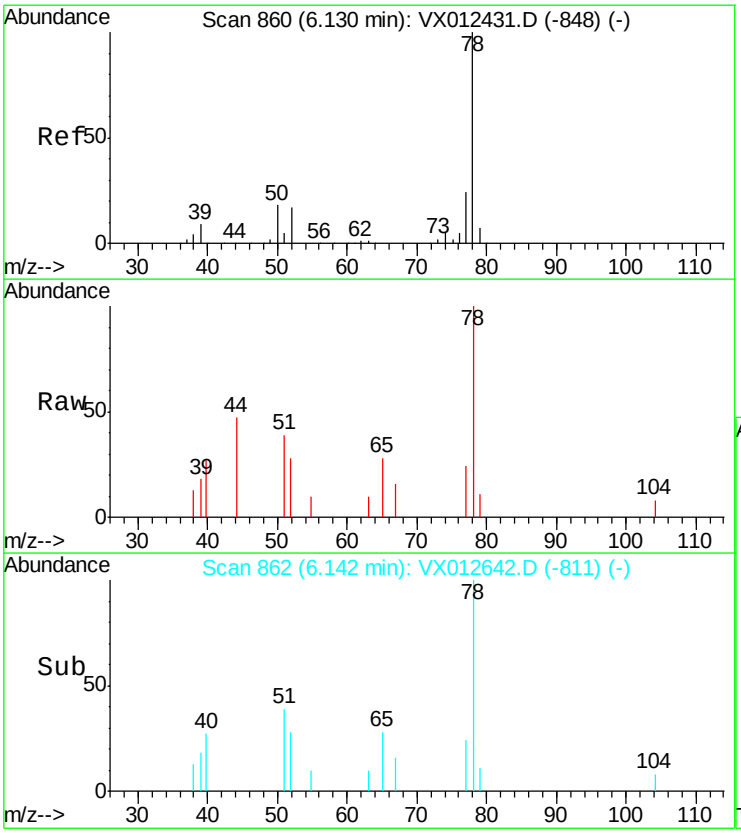
#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument : MSVOA_X
ClientSampleId : S49-0544

Tgt Ion:117 Resp: 17572

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.7	113.5#
121	0.0	24.2	36.4#

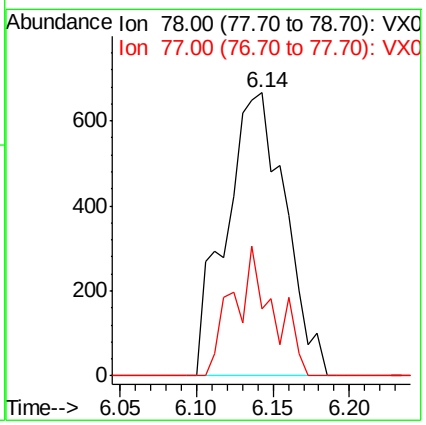


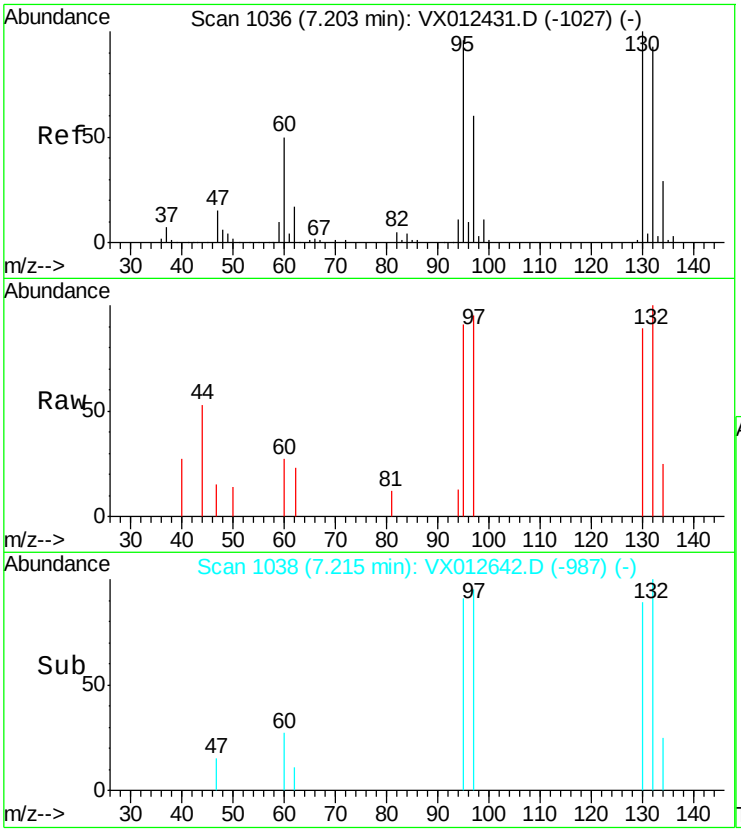


#40
Benzene
Concen: 0.233 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 78 Resp: 1801

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8



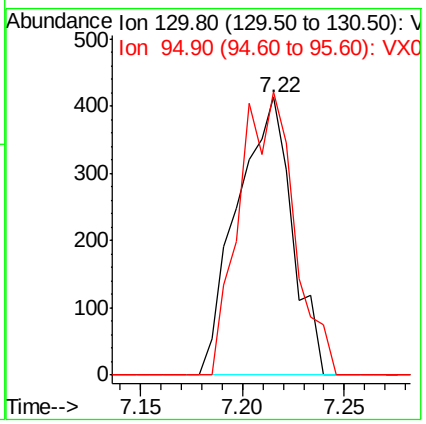


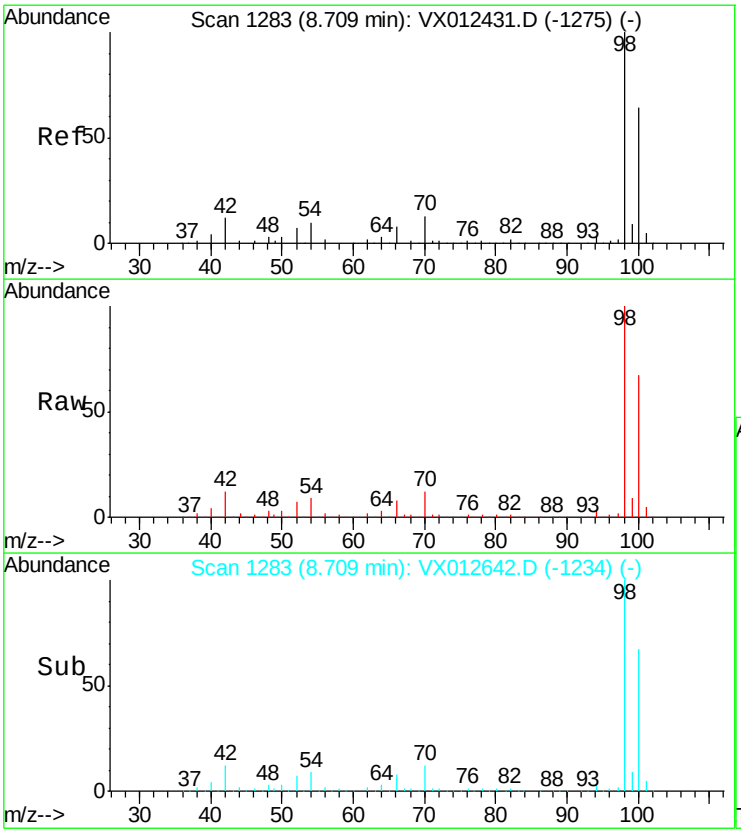
#44
Trichloroethene
Concen: 0.391 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion:130 Resp: 772

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	193.0

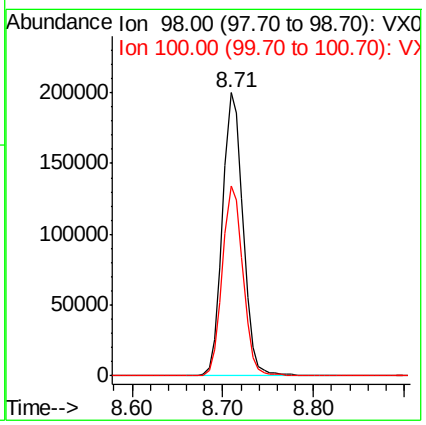


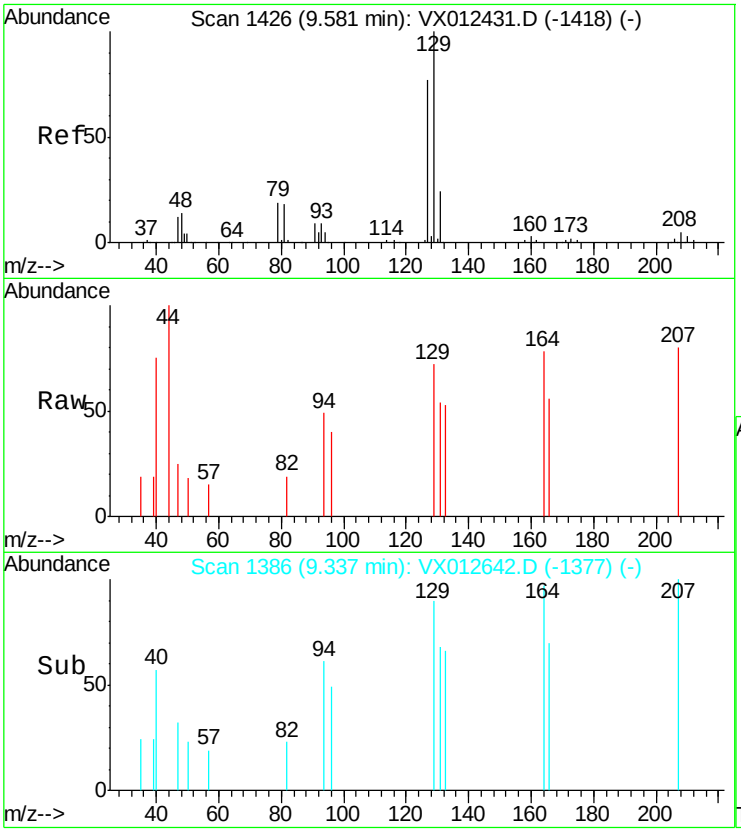


#50
Toluene-d8
Concen: 50.680 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 98 Resp: 316281

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2



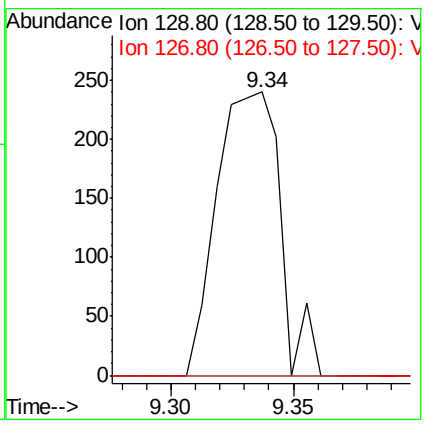


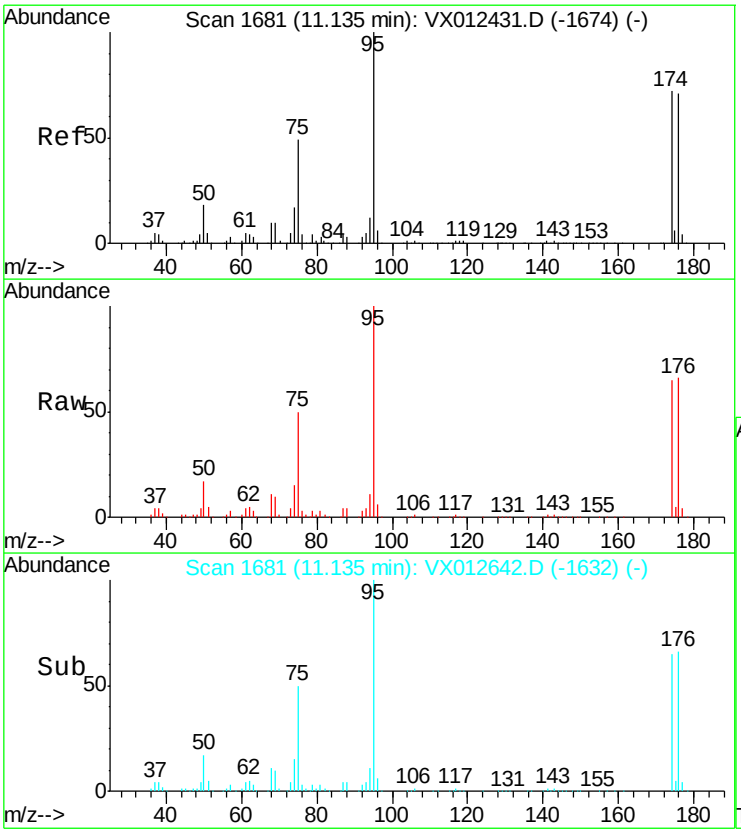
#60
Dibromochloromethane
Concen: 0.222 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. -0.24 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion:129 Resp: 434

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

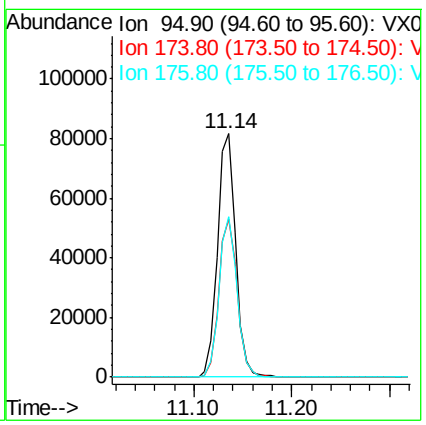


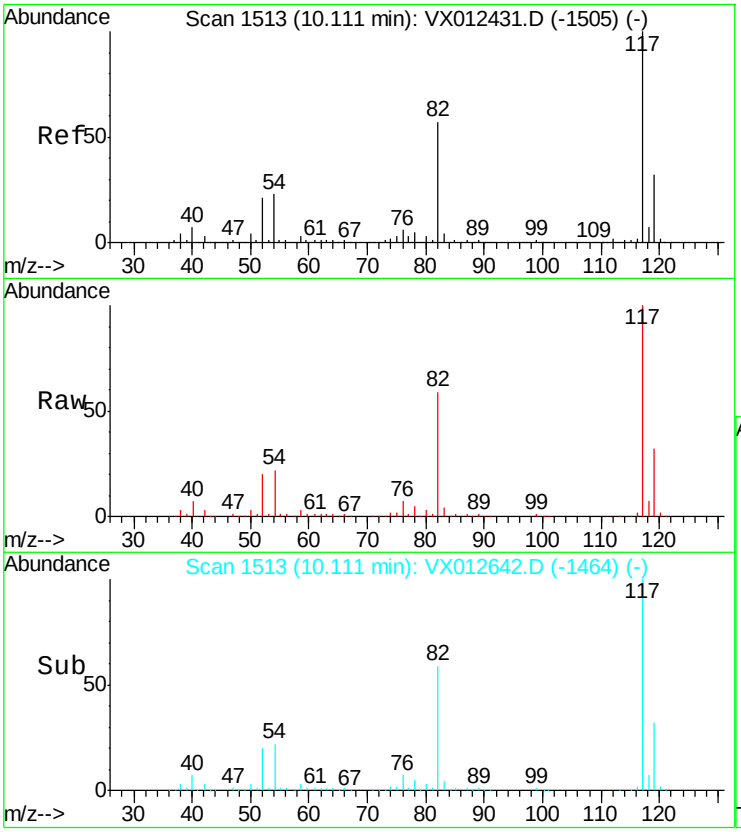


#62
4-Bromofluorobenzene
Concen: 42.884 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 95 Resp: 105232

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	140.0
176	65.4	0.0	135.4



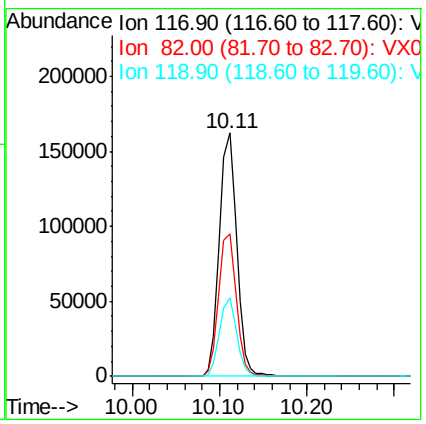


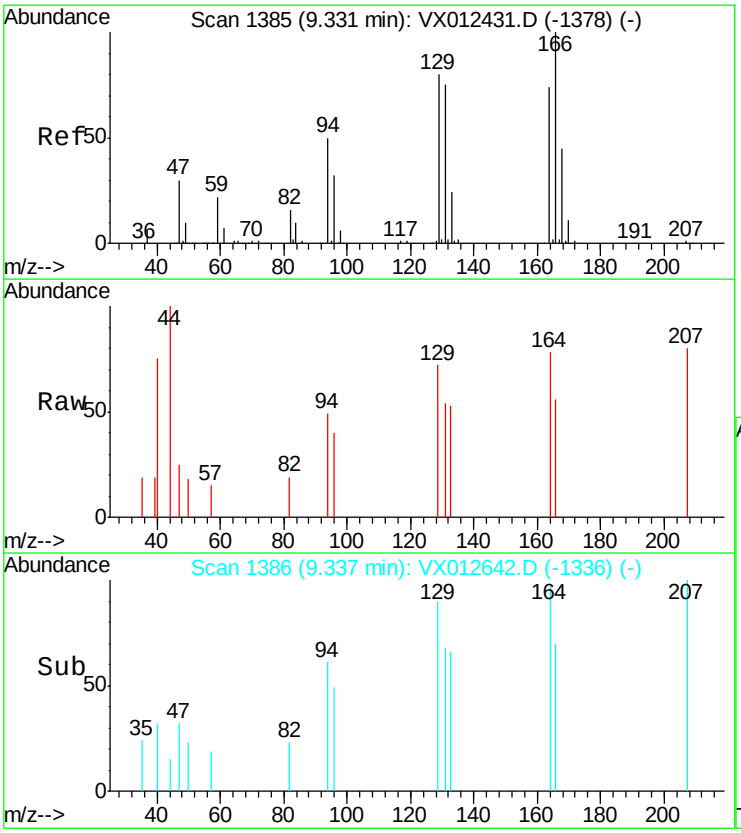
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion:117 Resp: 223631

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.9	68.9
119	32.0	25.3	37.9

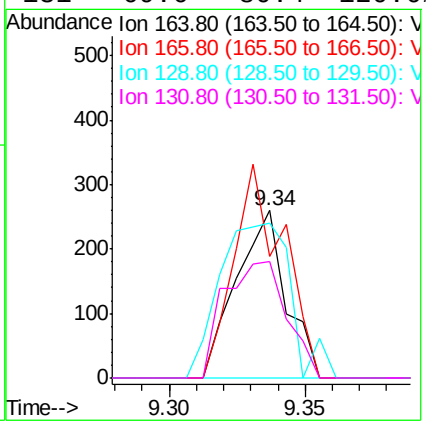


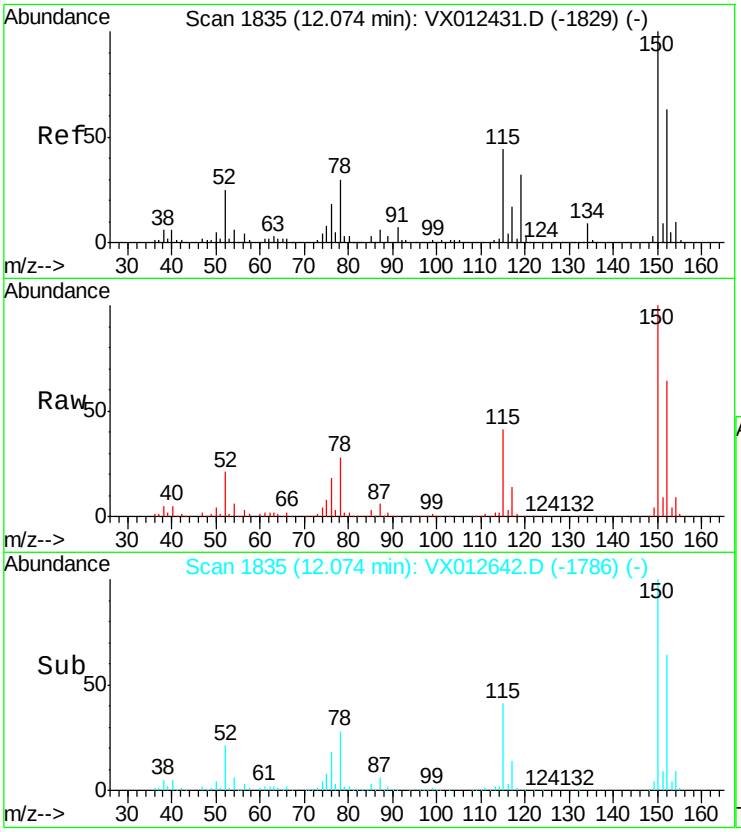


#64
Tetrachloroethene
Concen: 0.210 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion:164 Resp: 328

Ion	Ratio	Lower	Upper
164	100		
166	72.3	107.8	161.6#
129	92.3	86.2	129.2
131	69.6	80.4	120.6#



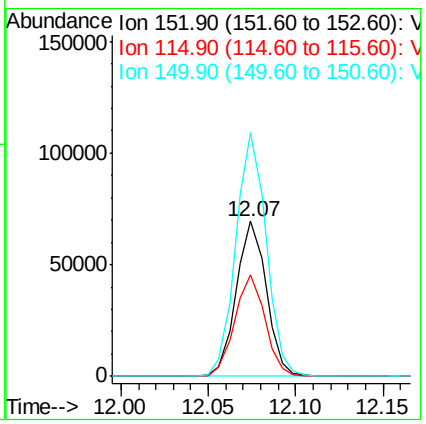


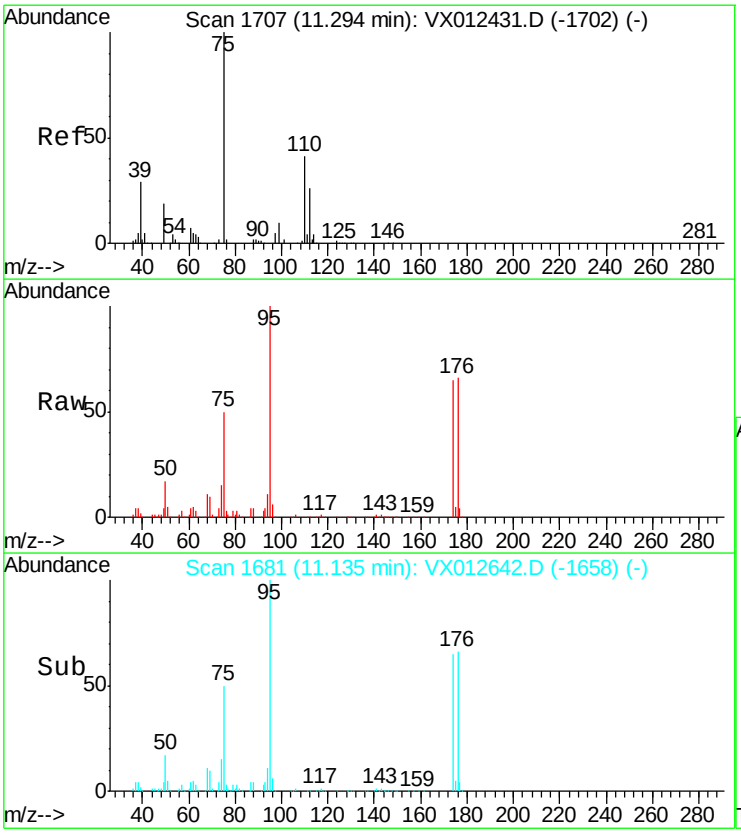
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion:152 Resp: 83652

Ion	Ratio	Lower	Upper
152	100		
115	65.8	44.1	132.3
150	158.2	0.0	343.8

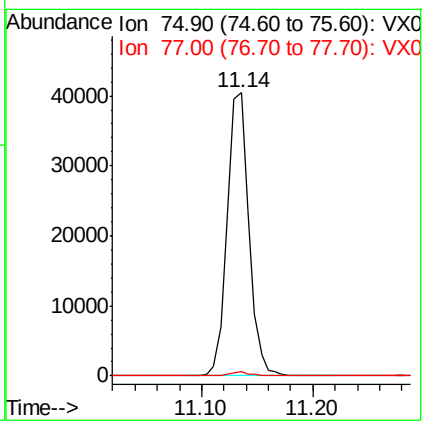


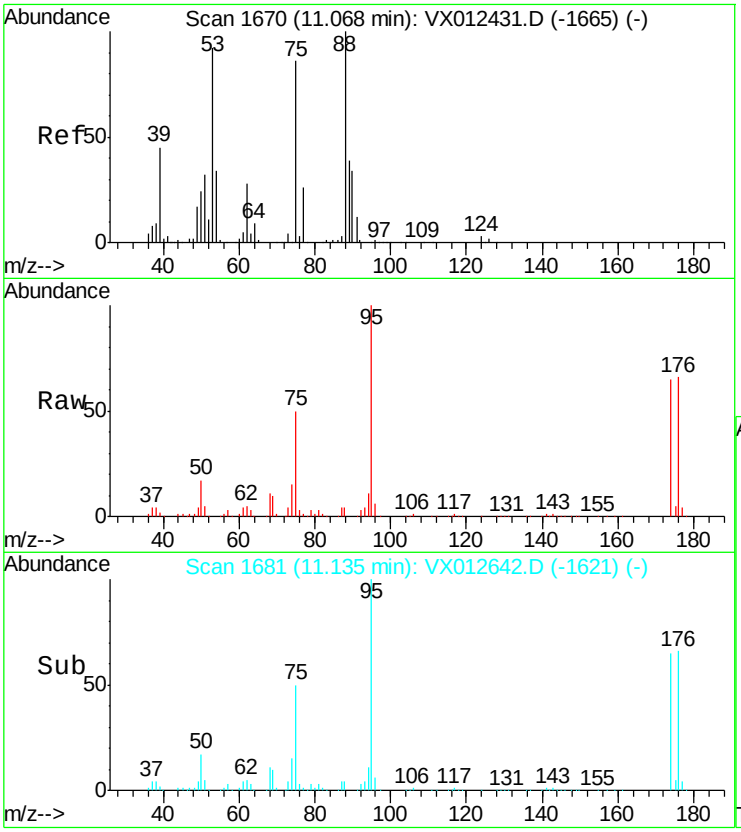


#76
1,2,3-Trichloropropane
Concen: 24.757 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Tgt Ion: 75 Resp: 54782

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.948 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012642.D
Acq: 24 Sep 2019 18:51

Instrument :
MSVOA_X
ClientSampleId :
S49-0544

Tgt Ion: 75 Resp: 54782

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