Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012579.D
Acq On : 21 Sep 2019 00:32
Operator : JC/SP
Sample : K4956-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0554

Quant Time: Sep 21 01:41:29 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	179518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119893	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.20%			
35) Dibromofluoromethane	5.49	113	86588	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.02%			
50) Toluene-d8	8.71	98	329260	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.76%			
62) 4-Bromofluorobenzene	11.14	95	114564	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.29	85	21	0.409	ug/l #	43
3) Chloromethane	1.31	50	374	0.379	ug/l #	42
5) Bromomethane	1.64	94	279	0.666	ug/l #	78
10) Methyl Iodide	2.51	142	277	4.650	ug/l #	41
11) Tert butyl alcohol	3.03	59	7999	6.541	ug/l #	90
13) Acrolein	2.28	56	561	0.808	ug/l #	1
14) Allyl chloride	2.75	41	833	0.317	ug/l #	76
16) Acetone	2.43	43	4667	Below Cal		98
17) Carbon Disulfide	2.55	76	544	2.135	ug/l #	75
18) Methyl Acetate	2.76	43	1080	0.403	ug/l #	59
20) Methylene Chloride	2.85	84	561	0.360	ug/l #	82
25) 2-Butanone	4.65	43	478	0.268	ug/l #	51
29) Tetrahydrofuran	5.13	42	240	0.243	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	14997	8.626	ug/l #	54
38) Carbon Tetrachloride	5.65	117	19600	9.064	ug/l #	18
40) Benzene	6.14	78	9314	1.685	ug/l	92
49) 1,4-Dioxane	7.75	88	51	0.928	ug/l #	16
52) Toluene	8.78	92	5710	1.603	ug/l	96
55) 1,1,2-Trichloroethane	9.07	97	1402	0.764	ug/l #	18
64) Tetrachloroethene	9.34	164	250	0.226	ug/l #	60
67) Ethyl Benzene	10.25	91	4056	0.593	ug/l	93
68) m/p-Xylenes	10.35	106	897	0.361	ug/l #	70
69) o-Xylene	10.70	106	573	0.224	ug/l	87
71) Bromoform	11.12	173	40	2.896	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	60002	27.498	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	60002	73.913	ug/l #	8

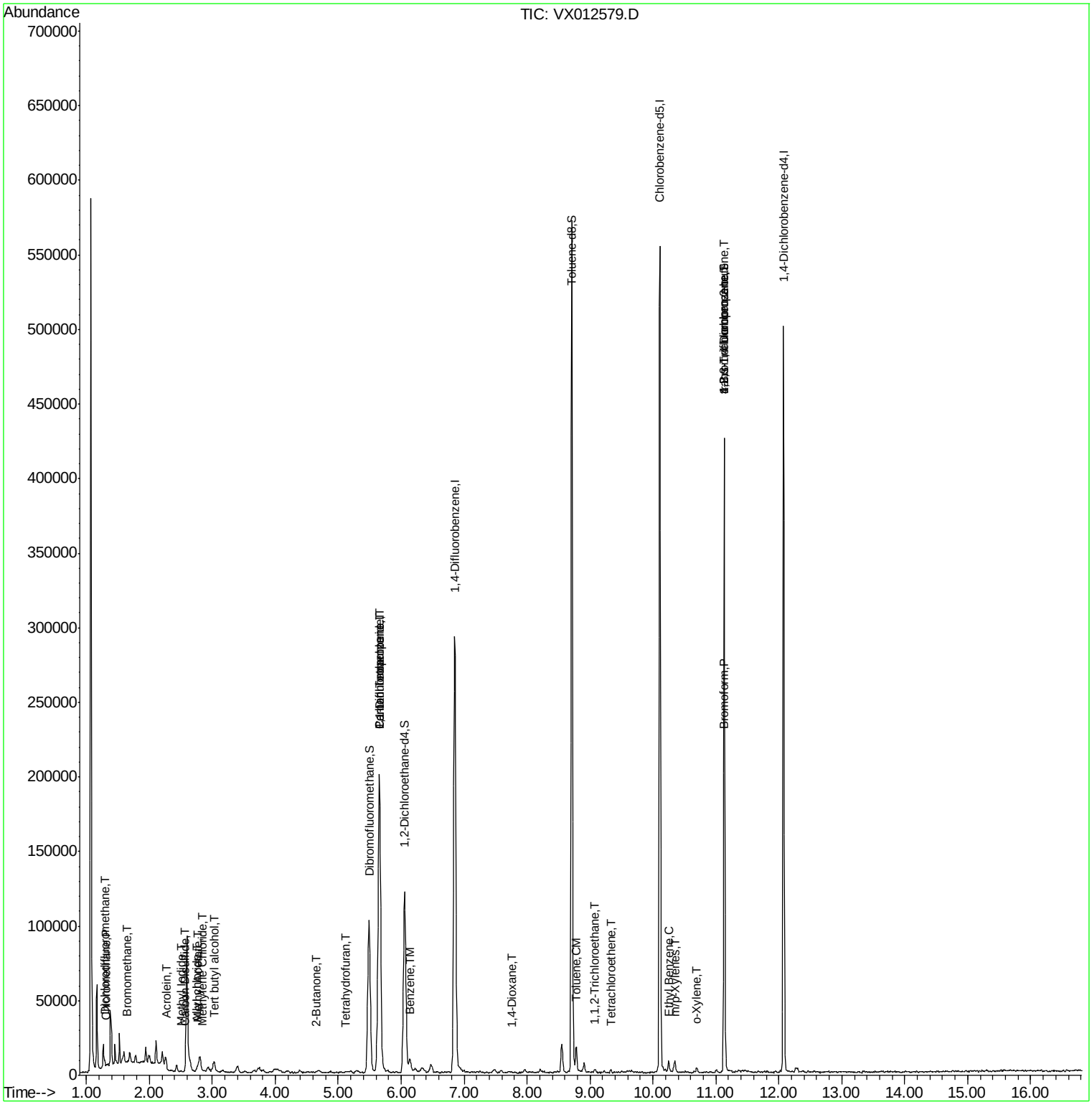
(#) = qualifier out of range (m) = manual integration (+) = signals summed

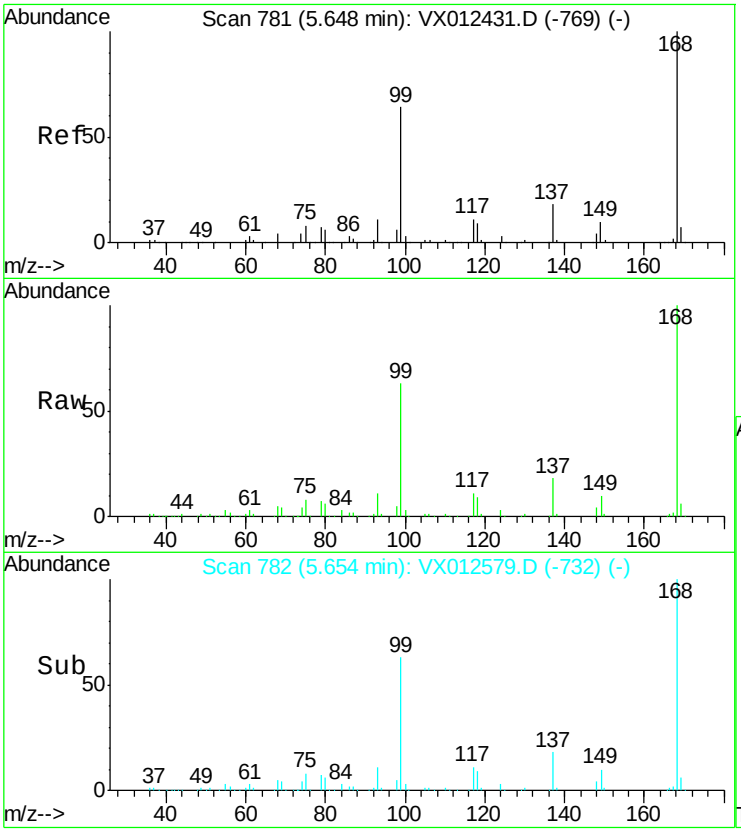
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012579.D
Acq On : 21 Sep 2019 00:32
Operator : JC/SP
Sample : K4956-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Quant Time: Sep 21 01:41:29 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



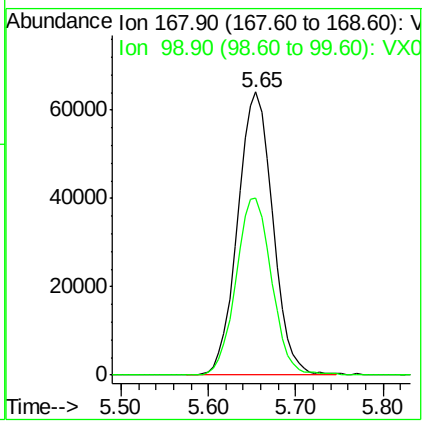


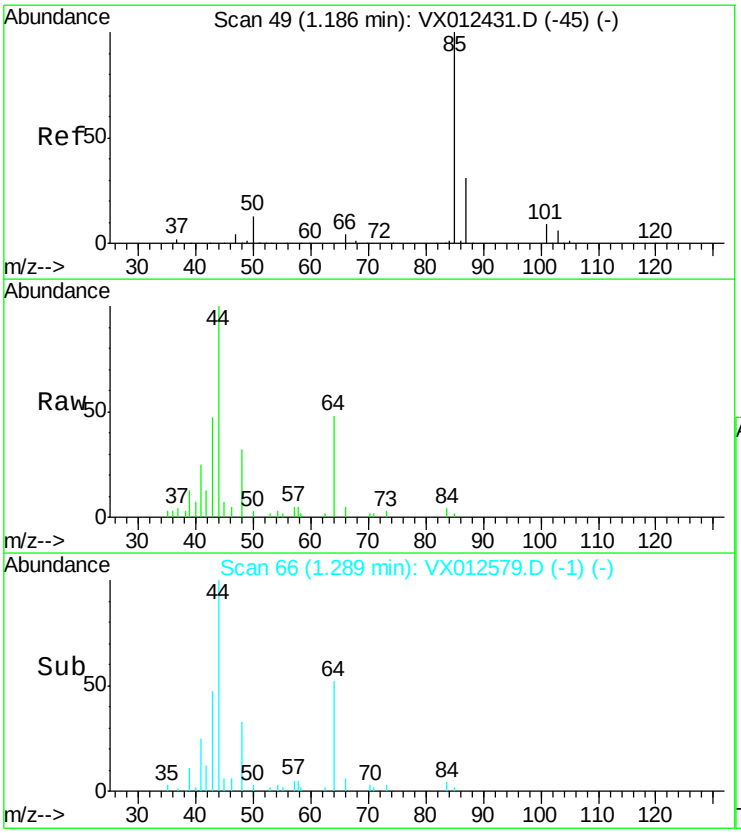
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion:168 Resp: 179518

Ion	Ratio	Lower	Upper
168	100		
99	62.4	51.4	77.2

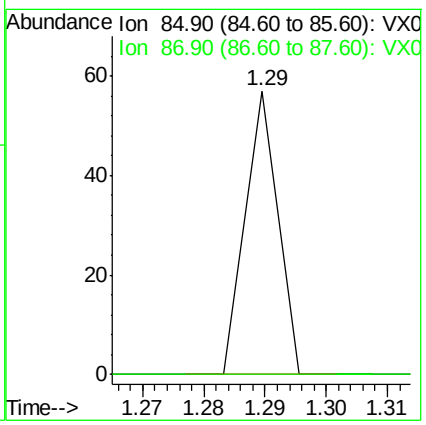


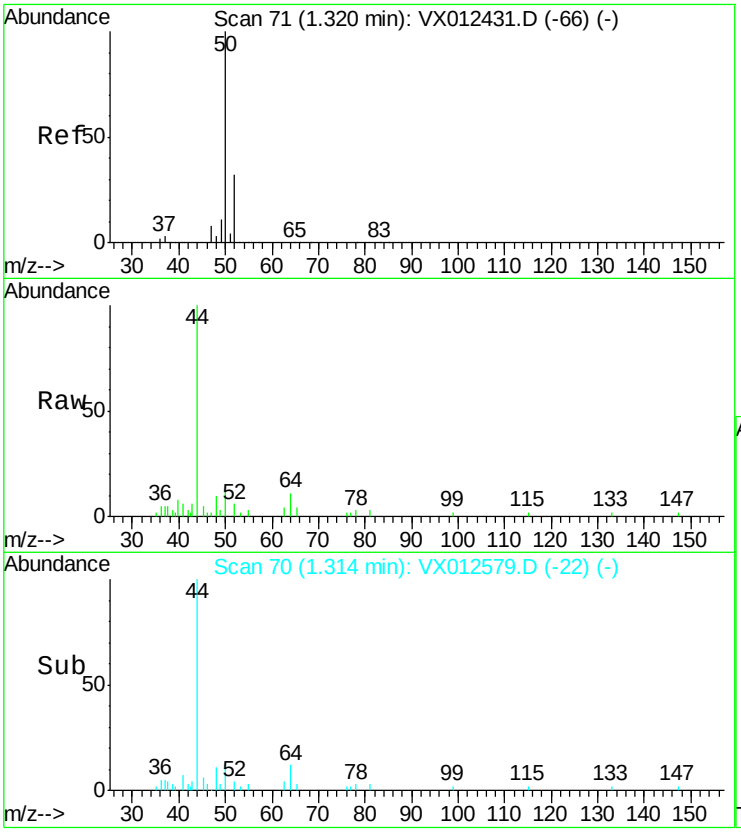


#2
Dichlorodifluoromethane
Concen: 0.409 ug/l
RT: 1.29 min Scan# 66
Delta R.T. 0.10 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 85 Resp: 21

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



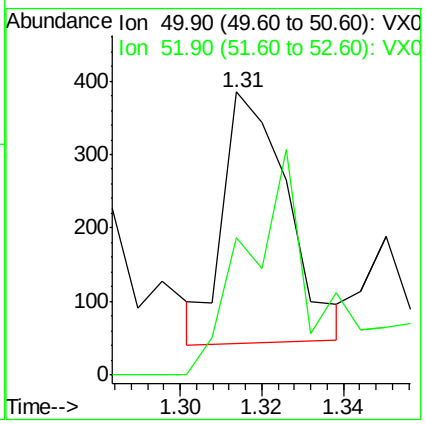


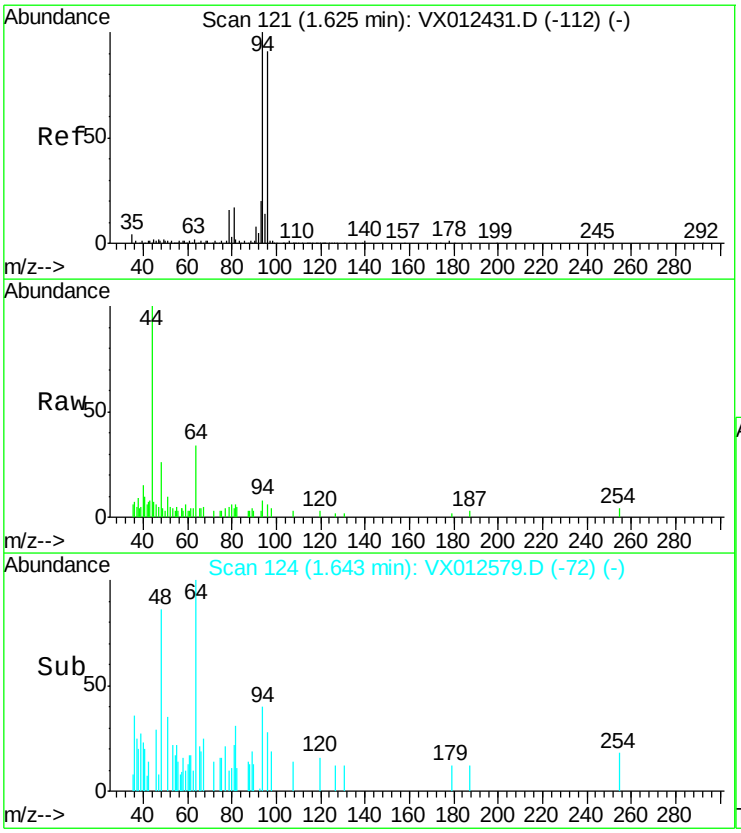
#3
Chloromethane
Concen: 0.379 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion: 50 Resp: 374

Ion	Ratio	Lower	Upper
50	100		
52	64.4	25.7	38.5#

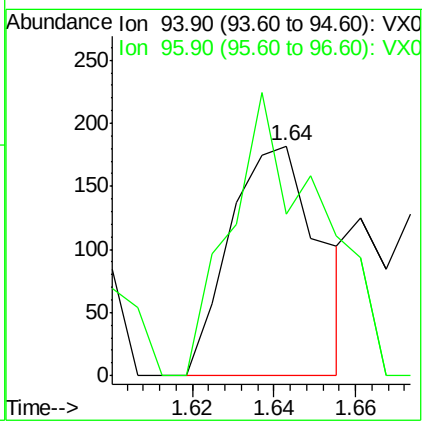


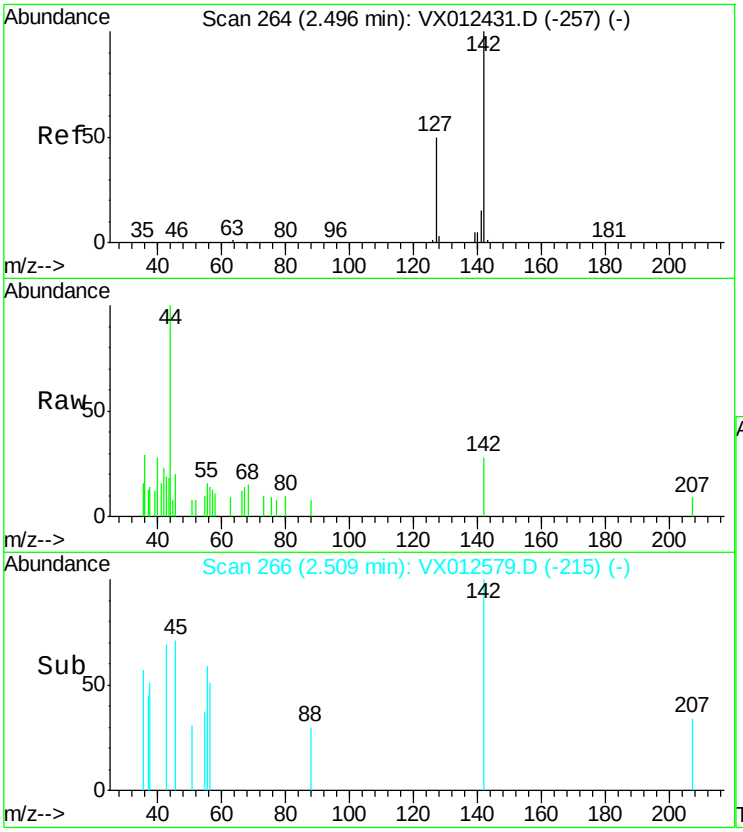


#5
Bromomethane
Concen: 0.666 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 94 Resp: 279

Ion	Ratio	Lower	Upper
94	100		
96	70.3	72.8	109.2#



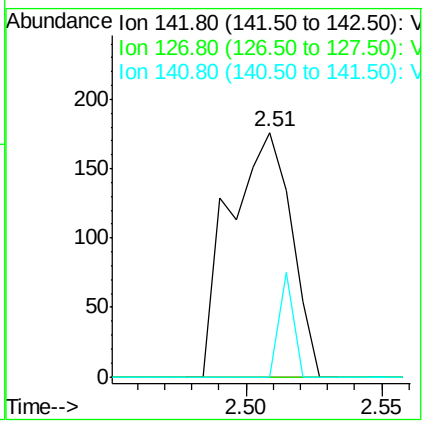


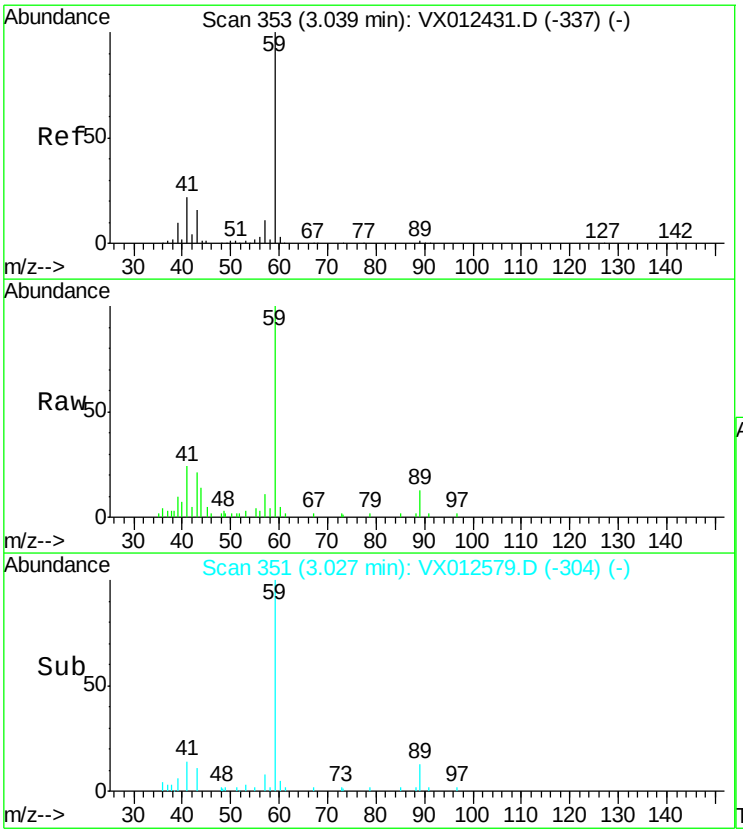
#10
Methyl Iodide
Concen: 4.650 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument : MSVOA_X
ClientSampleId : S49-0554

Tgt Ion:142 Resp: 277

Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.8	61.2#
141	9.7	12.1	18.1#

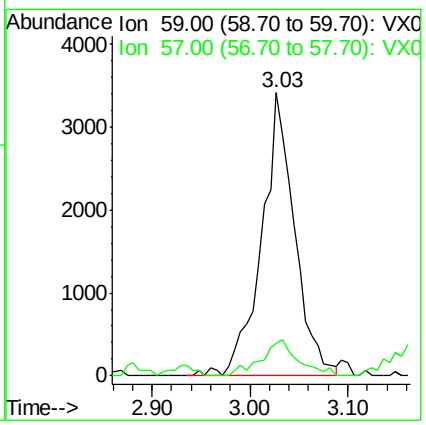


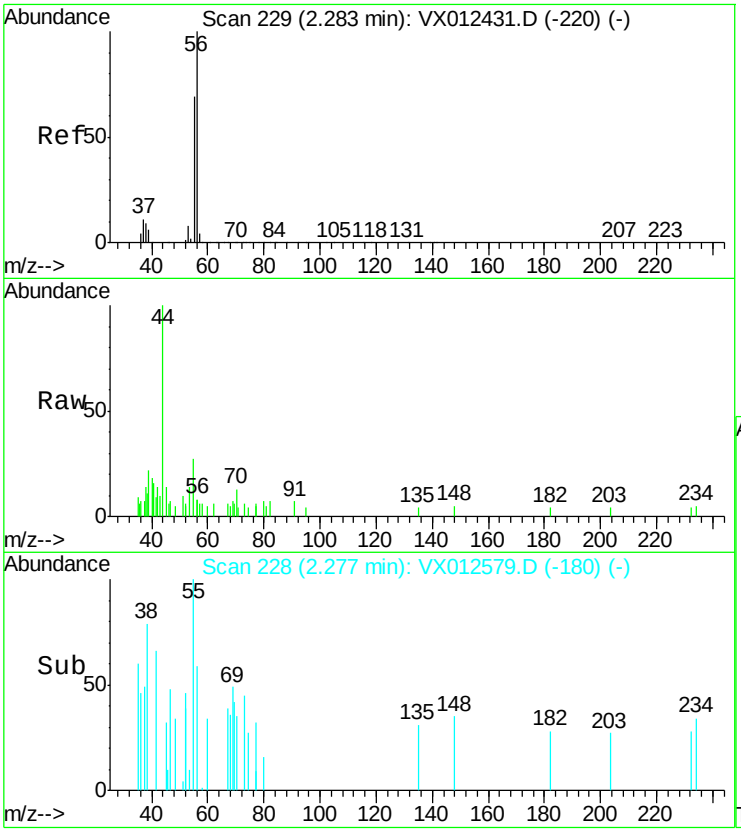


#11
Tert butyl alcohol
Concen: 6.541 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 59 Resp: 7999

Ion	Ratio	Lower	Upper
59	100		
57	14.2	8.3	12.5#



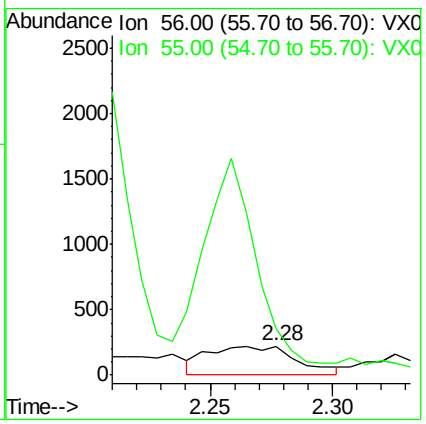


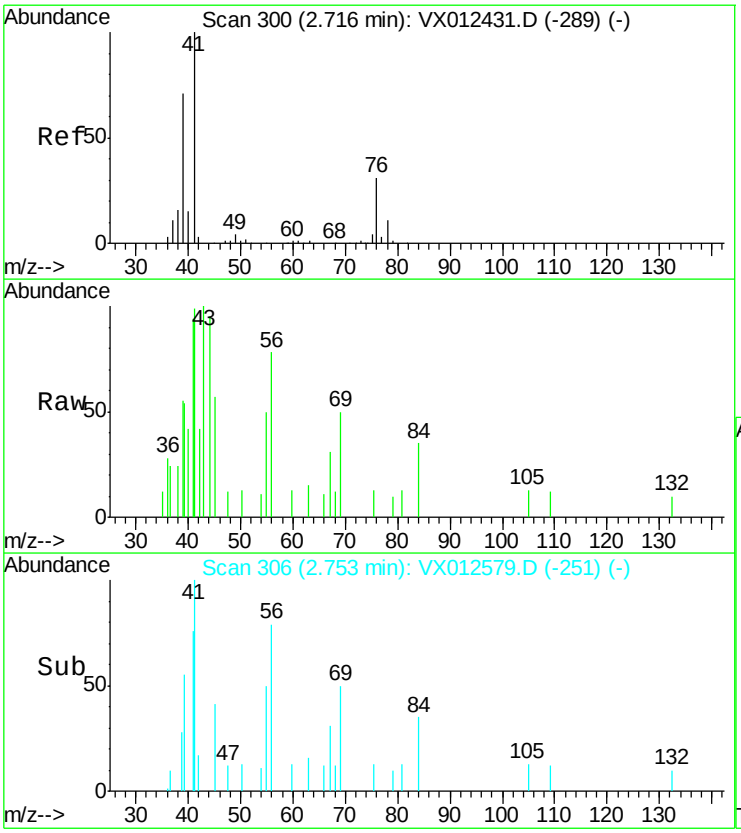
#13
Acrolein
Concen: 0.808 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument : MSVOA_X
ClientSampleId : S49-0554

Tgt Ion: 56 Resp: 561

Ion	Ratio	Lower	Upper
56	100		
55	405.0	55.8	83.8#

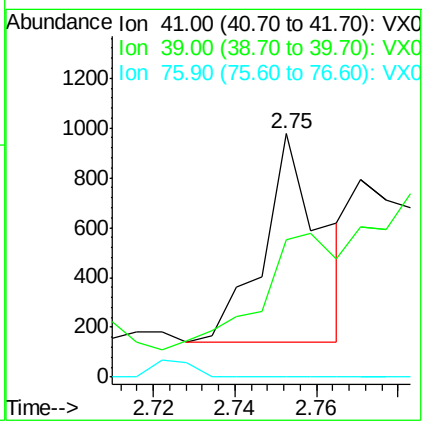


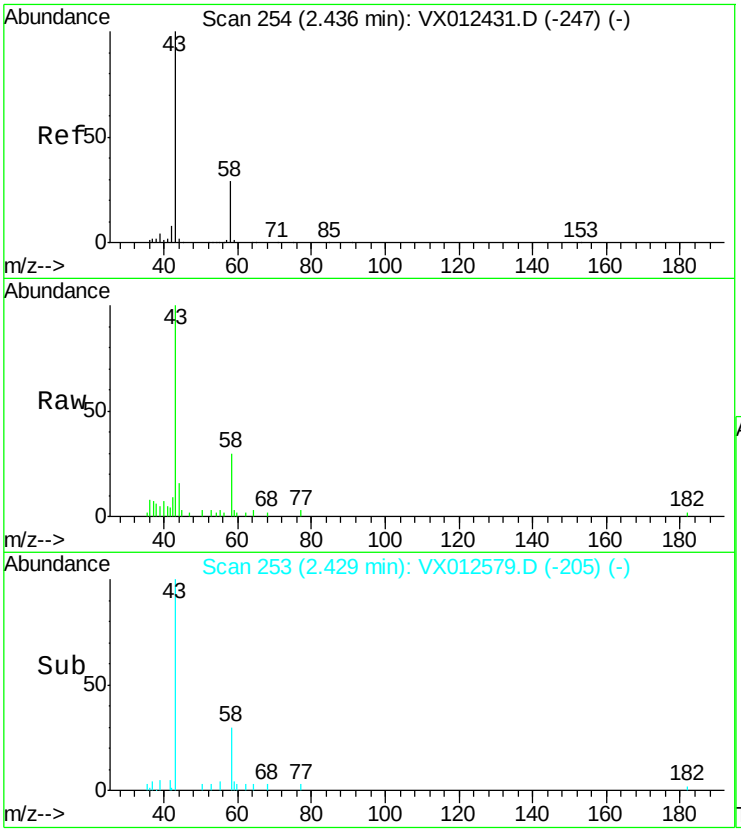


#14
Allyl chloride
Concen: 0.317 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.04 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 41 Resp: 833

Ion	Ratio	Lower	Upper
41	100		
39	73.2	51.3	76.9
76	0.0	22.6	33.8#



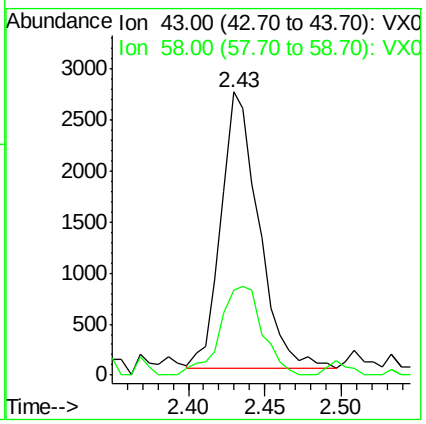


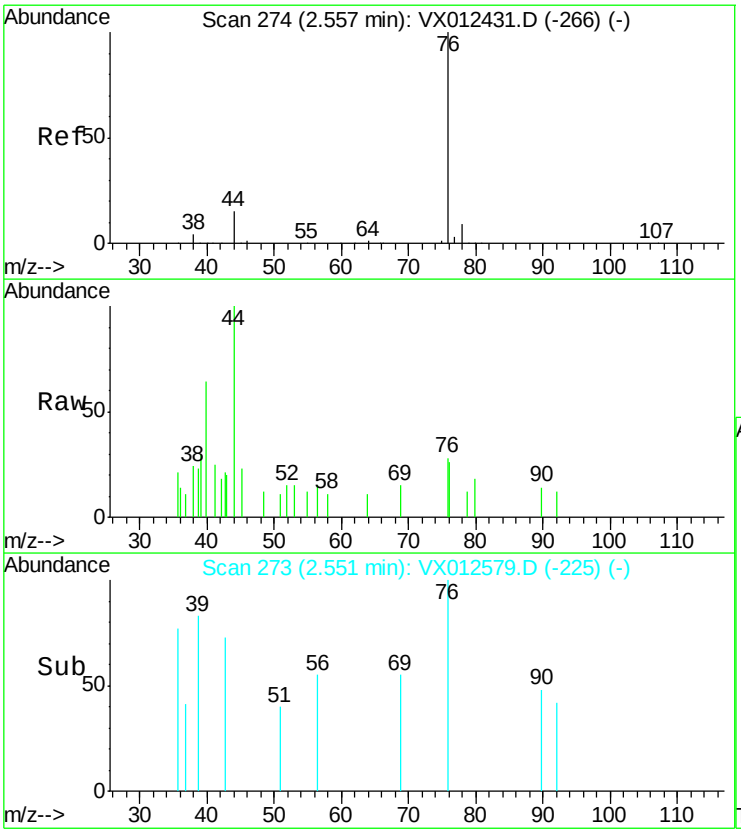
#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument : MSVOA_X
ClientSampleId : S49-0554

Tgt Ion: 43 Resp: 4667

Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.3	34.9

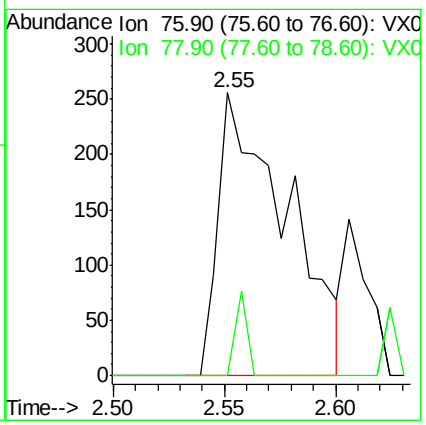


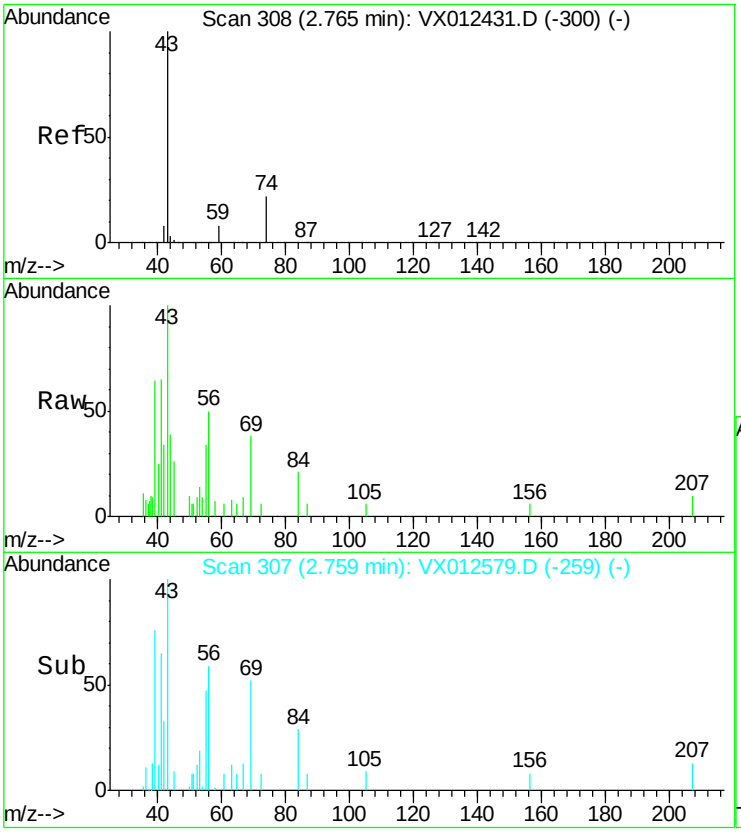


#17
Carbon Disulfide
Concen: 2.135 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 76 Resp: 544

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



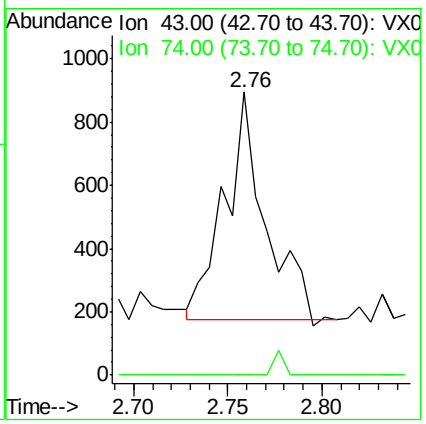


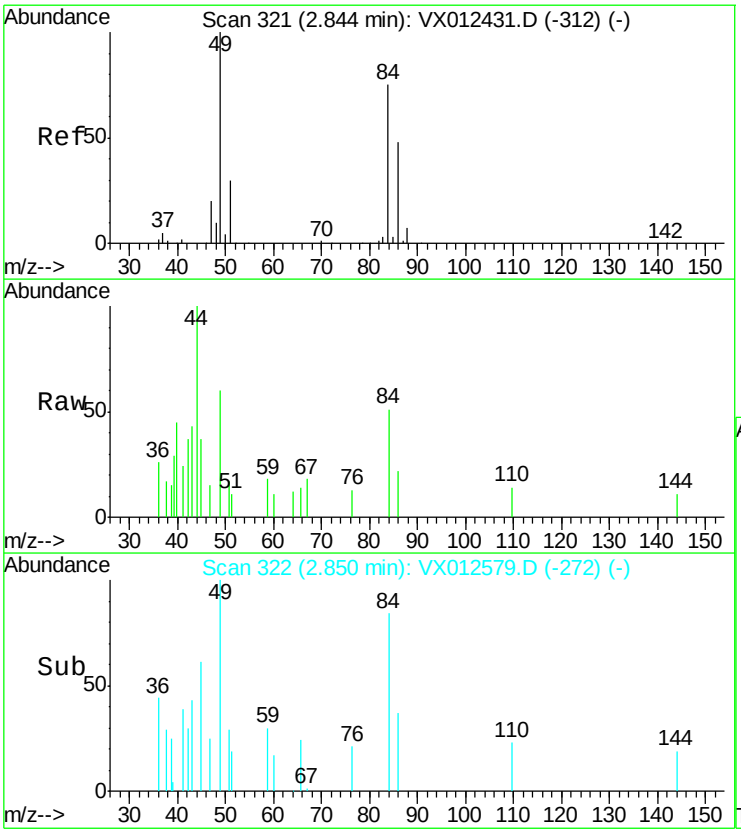
#18
Methyl Acetate
Concen: 0.403 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument : MSVOA_X
ClientSampleId : S49-0554

Tgt Ion: 43 Resp: 1080

Ion	Ratio	Lower	Upper
43	100		
74	2.7	17.7	26.5#

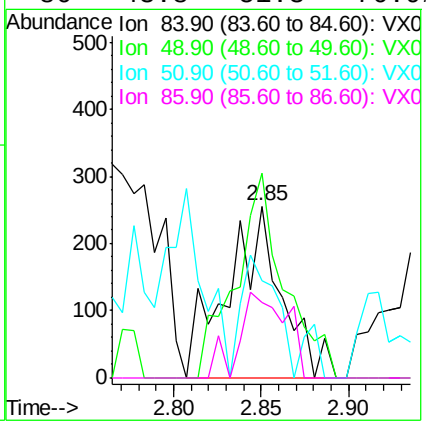


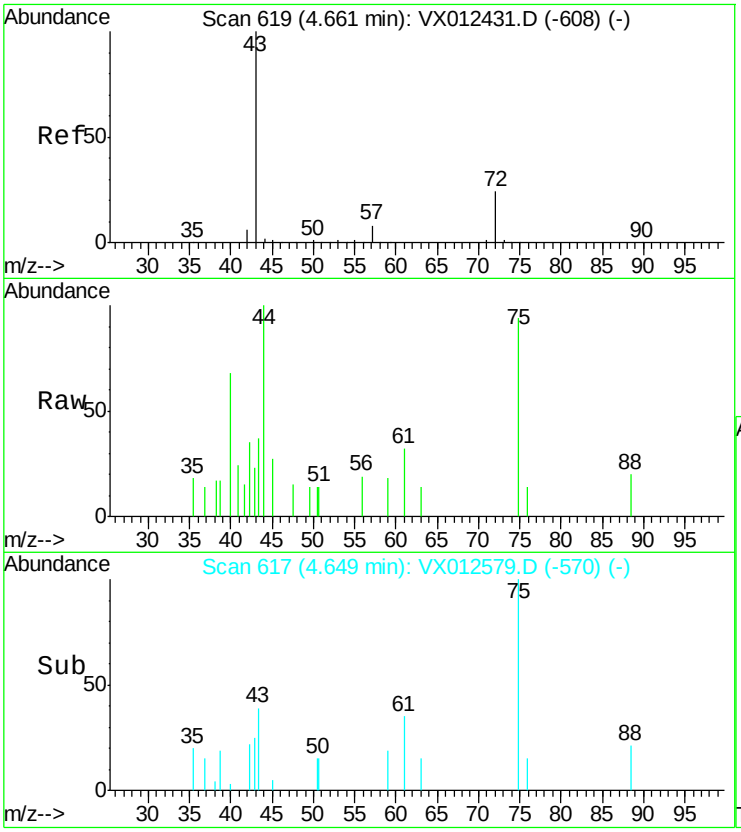


#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 84 Resp: 561

Ion	Ratio	Lower	Upper
84	100		
49	118.8	106.8	160.2
51	56.3	32.3	48.5#
86	43.8	51.3	76.9#



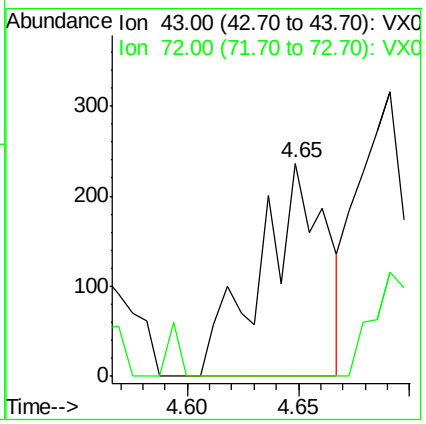


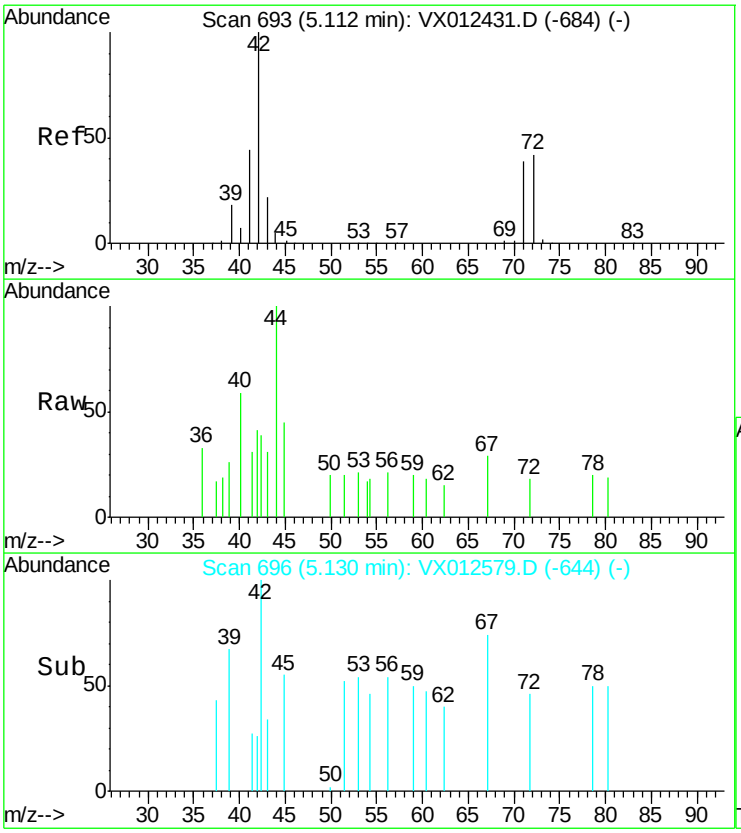
#25
2-Butanone
Concen: 0.268 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion: 43 Resp: 478

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

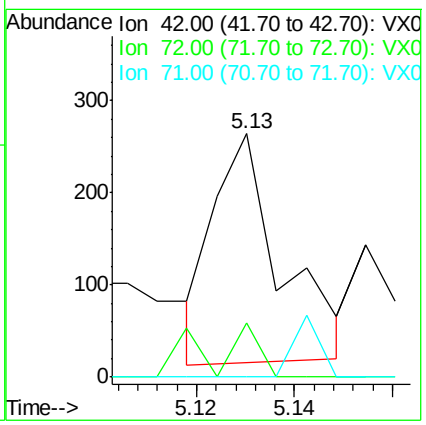


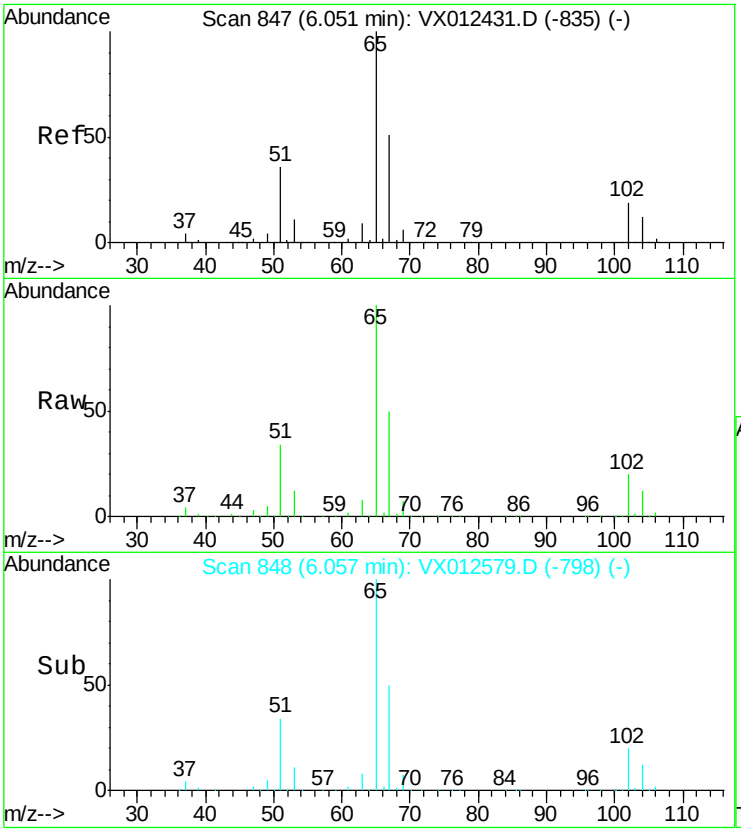


#29
Tetrahydrofuran
Concen: 0.243 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 42 Resp: 240

Ion	Ratio	Lower	Upper
42	100		
72	17.1	34.0	51.0#
71	0.0	31.5	47.3#



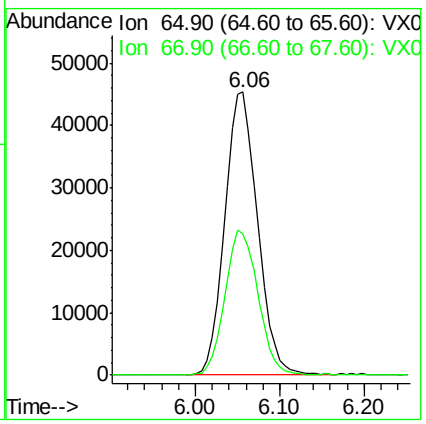


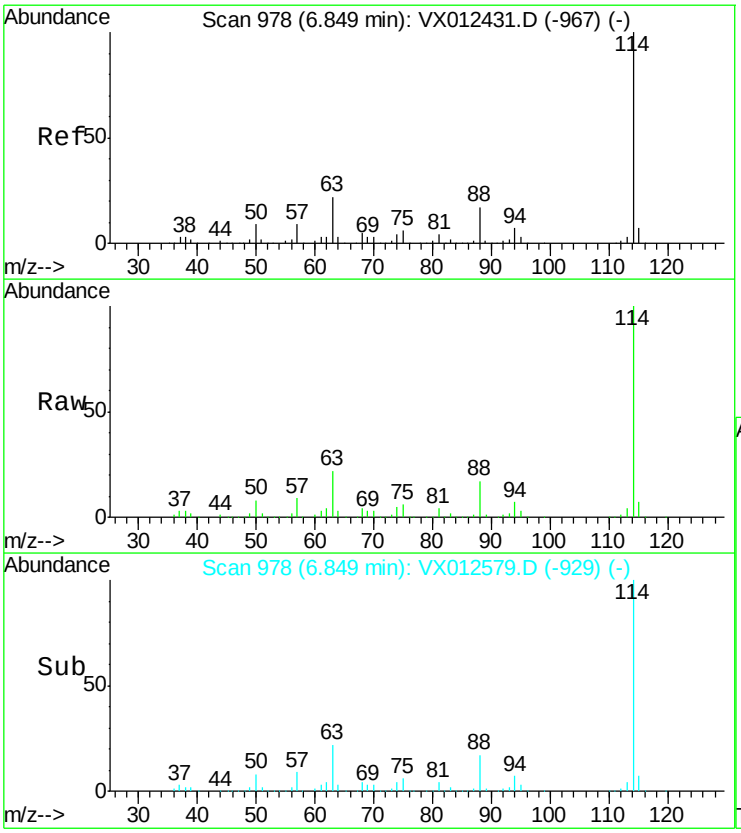
#33
1,2-Dichloroethane-d4
Concen: 46.599 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion: 65 Resp: 119893

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.2

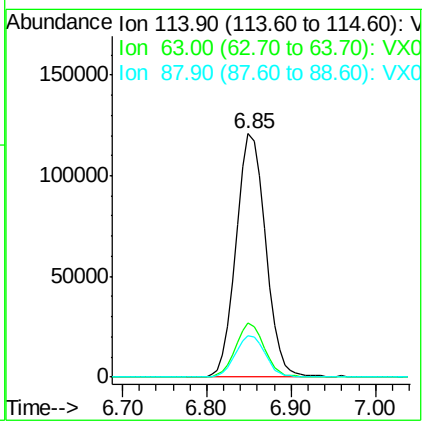


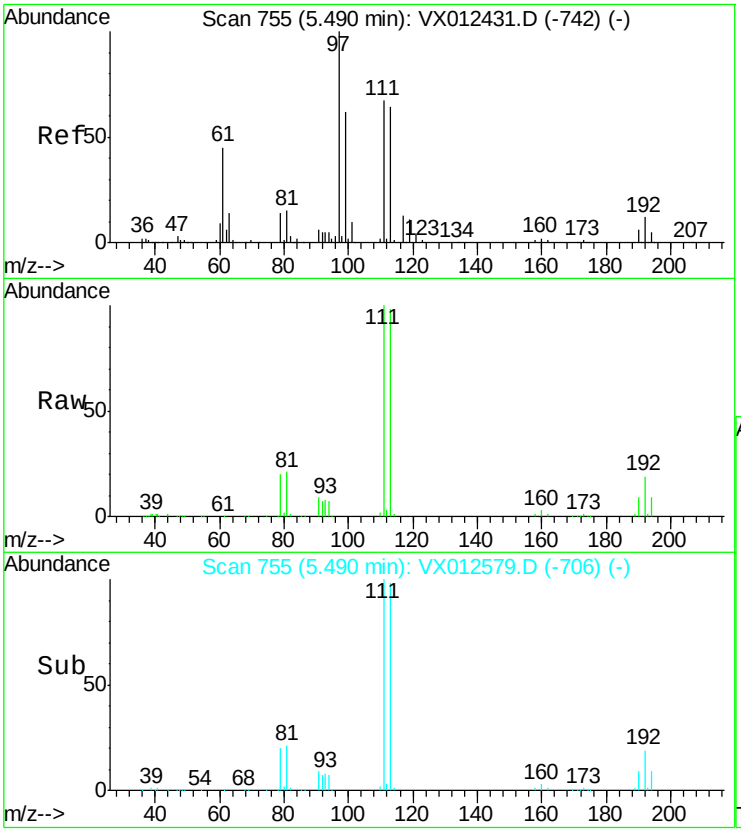


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion:114 Resp: 286066

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	16.8	0.0	33.2



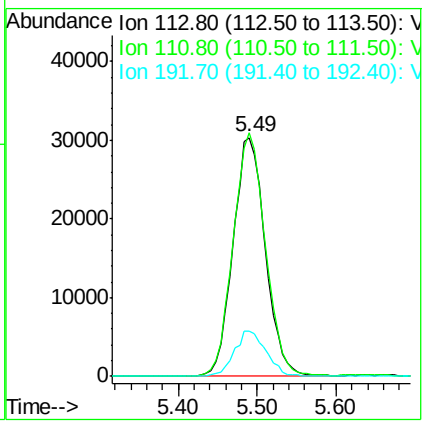


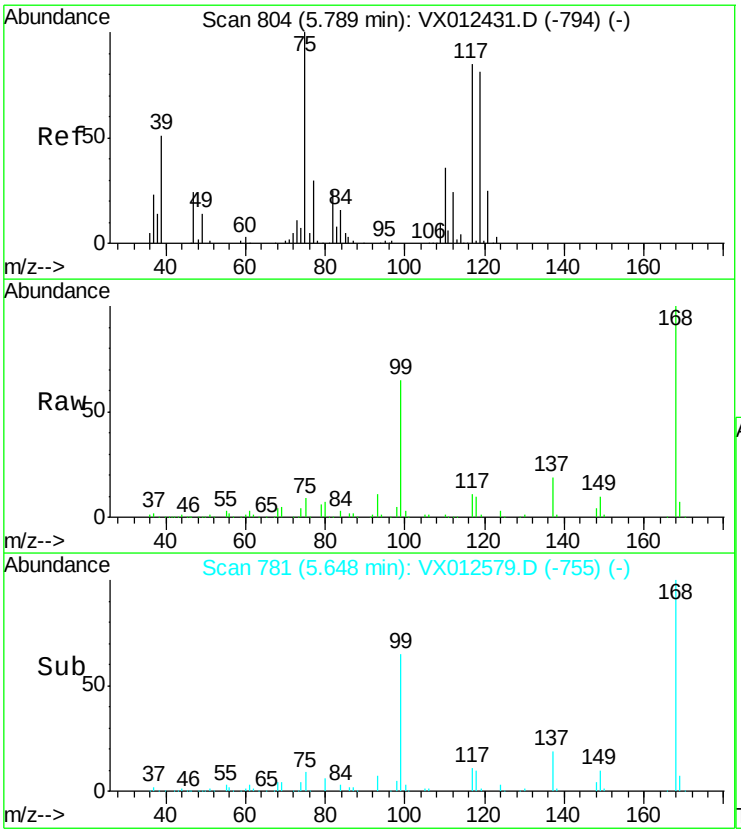
#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion:113 Resp: 86588

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.2
192	18.7	14.4	21.6

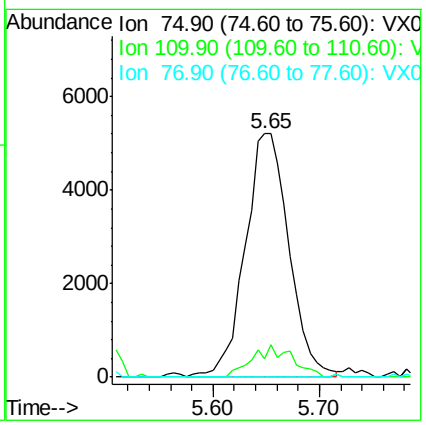


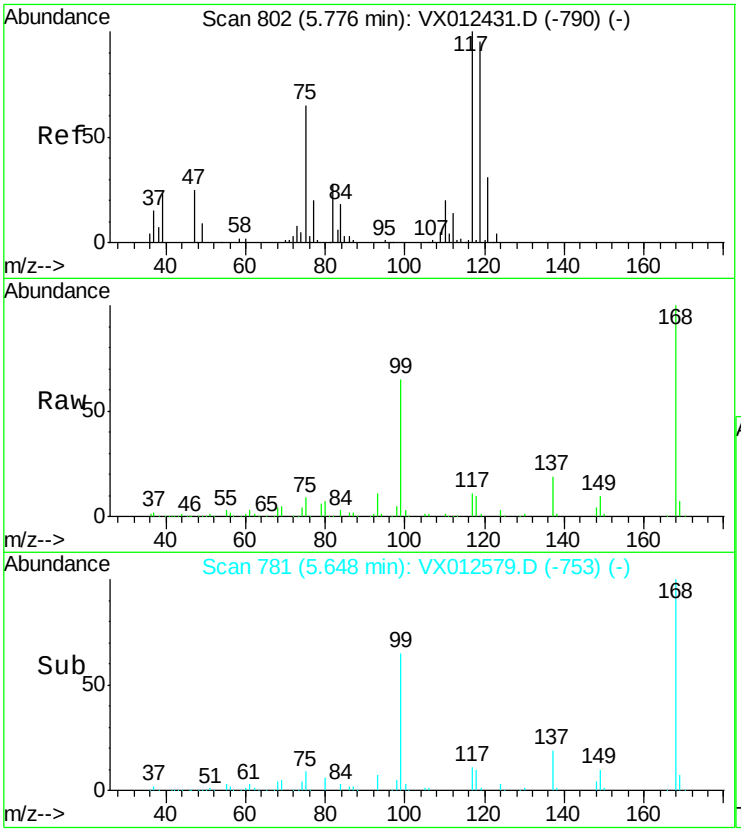


#36
1,1-Dichloropropene
Concen: 8.626 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 75 Resp: 14997

Ion	Ratio	Lower	Upper
75	100		
110	11.8	16.7	50.0#
77	0.0	24.2	36.2#



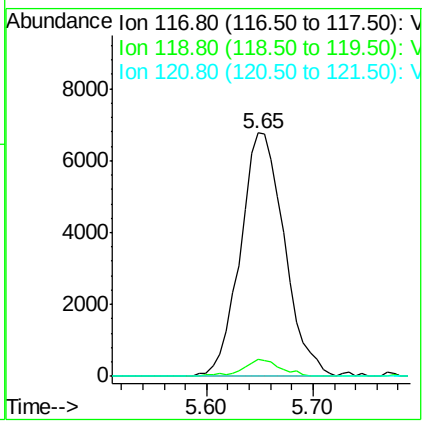


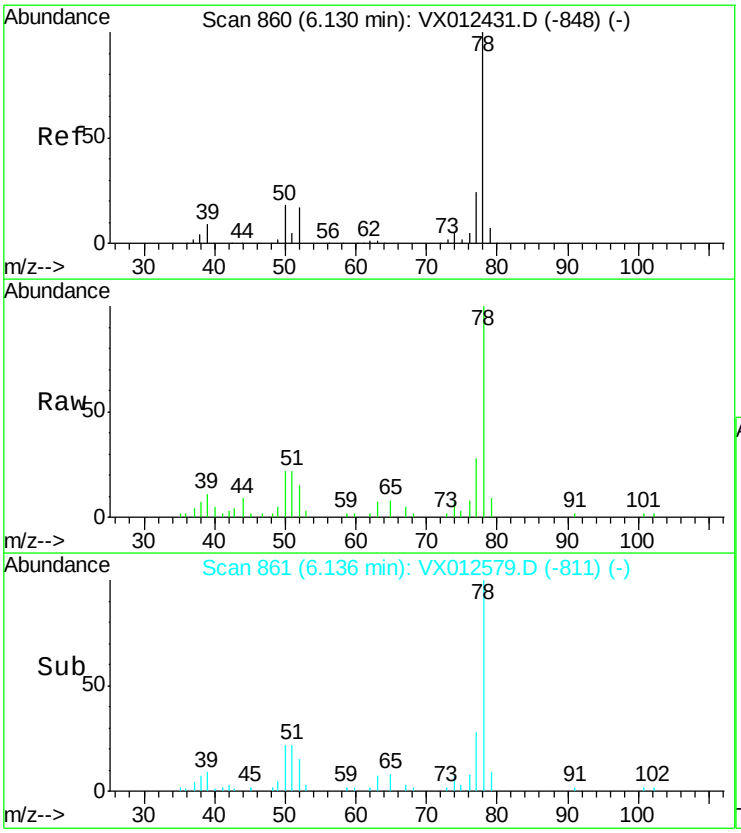
#38
Carbon Tetrachloride
Concen: 9.064 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion:117 Resp: 19600

Ion	Ratio	Lower	Upper
117	100		
119	7.2	75.7	113.5#
121	0.0	24.2	36.4#

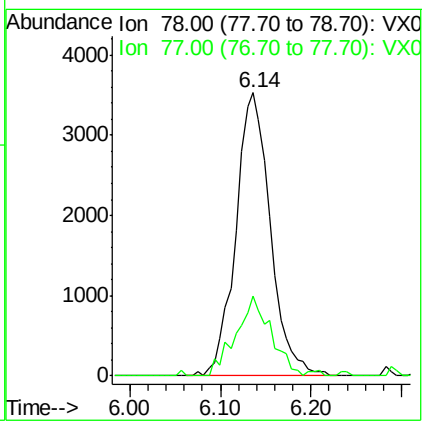


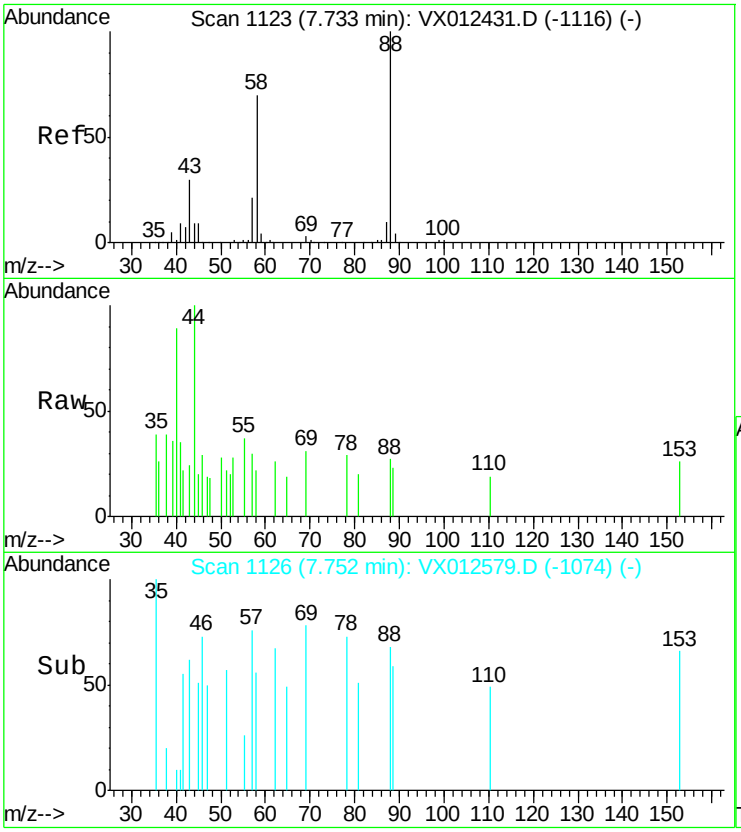


#40
Benzene
Concen: 1.685 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 78 Resp: 9314

Ion	Ratio	Lower	Upper
78	100		
77	28.0	19.2	28.8



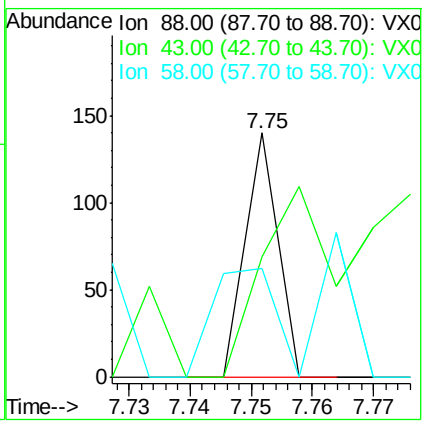


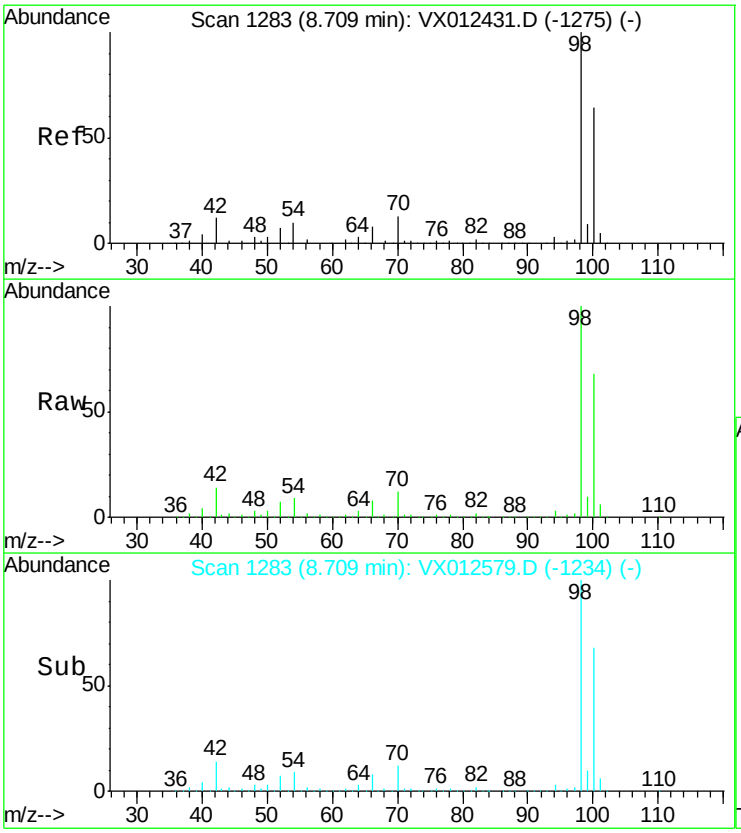
#49
1,4-Dioxane
Concen: 0.928 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	164.7	29.4	44.0#
58	86.3	57.5	86.3

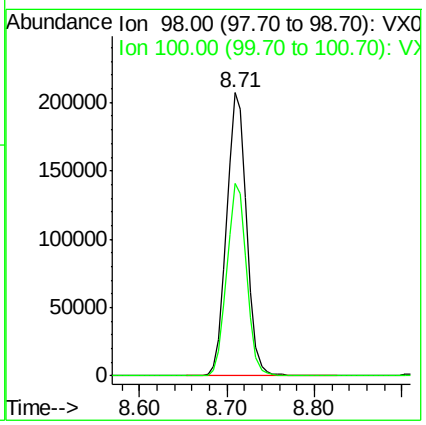


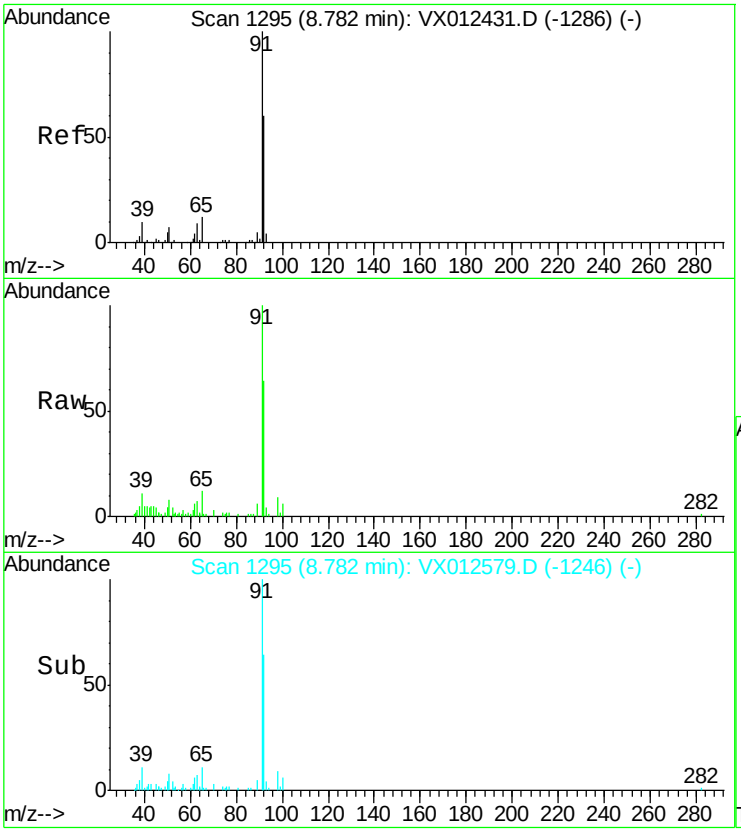


#50
Toluene-d8
Concen: 51.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 98 Resp: 329260

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2



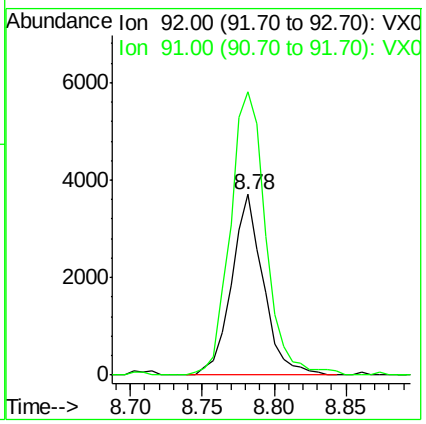


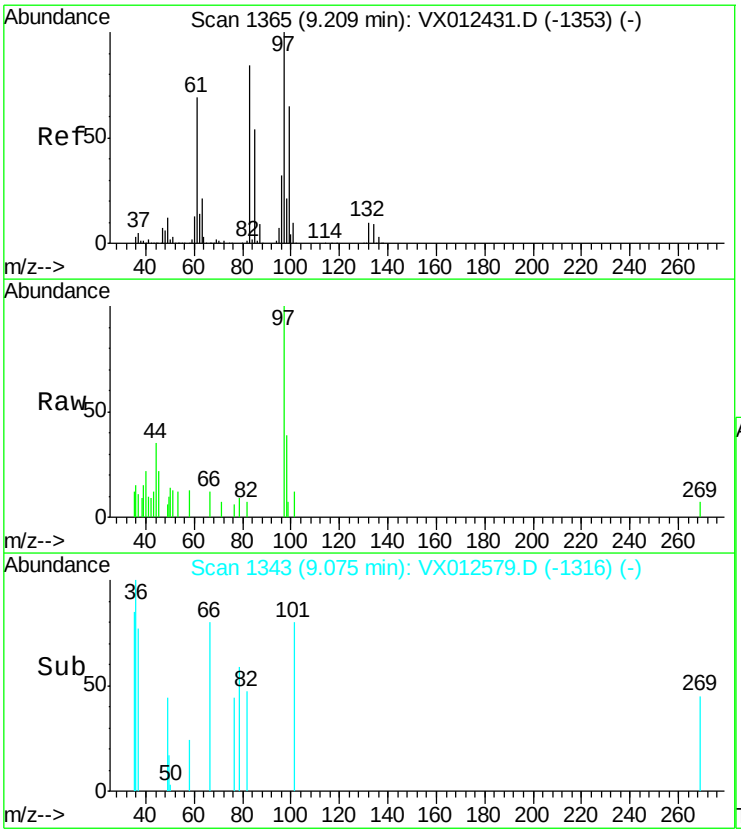
#52
Toluene
Concen: 1.603 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument : MSVOA_X
ClientSampleId : S49-0554

Tgt Ion: 92 Resp: 5710

Ion	Ratio	Lower	Upper
92	100		
91	174.6	135.4	203.0

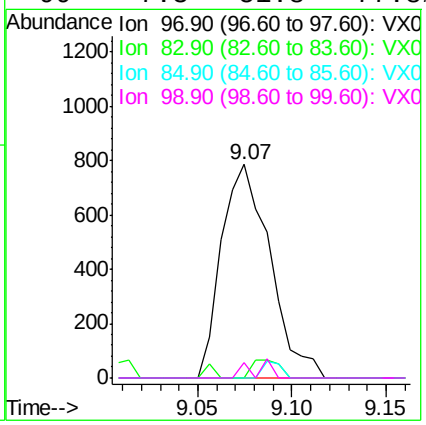


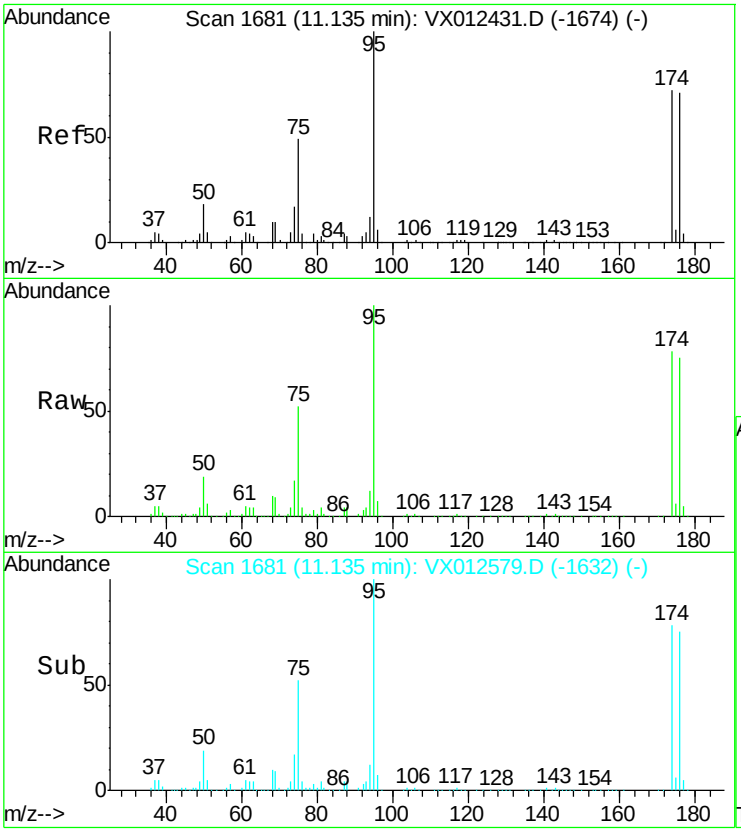


#55
1,1,2-Trichloroethane
Concen: 0.764 ug/l
RT: 9.07 min Scan# 1343
Delta R.T. -0.13 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 97 Resp: 1402

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.4	101.2#
85	0.0	43.5	65.3#
99	7.3	51.8	77.8#



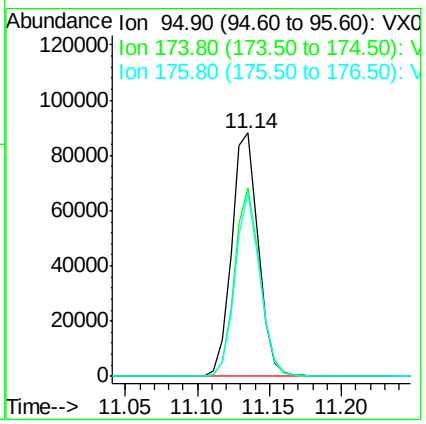


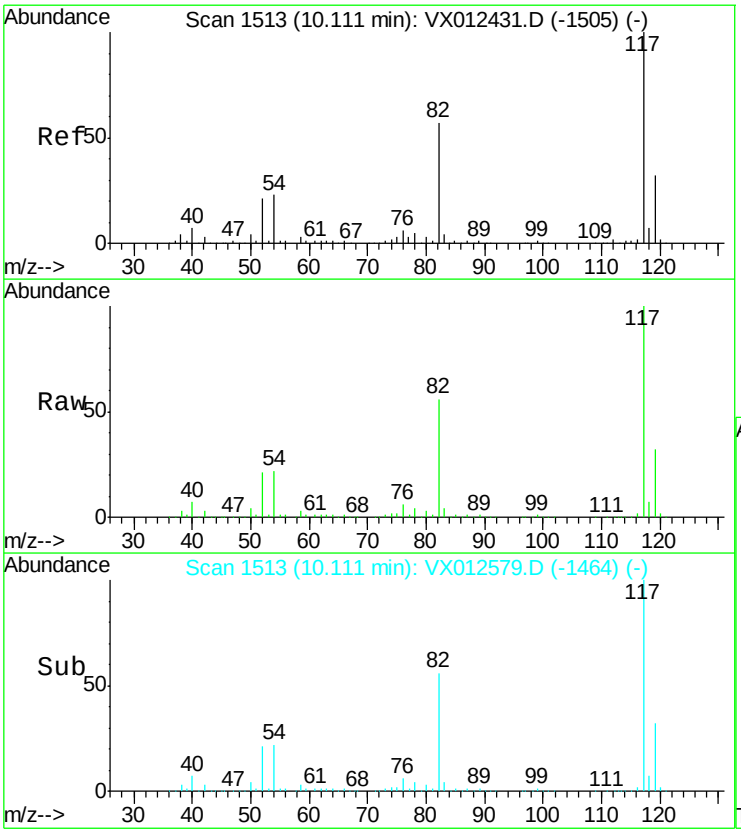
#62
4-Bromofluorobenzene
Concen: 43.053 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion: 95 Resp: 114564

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	140.0
176	70.4	0.0	135.4

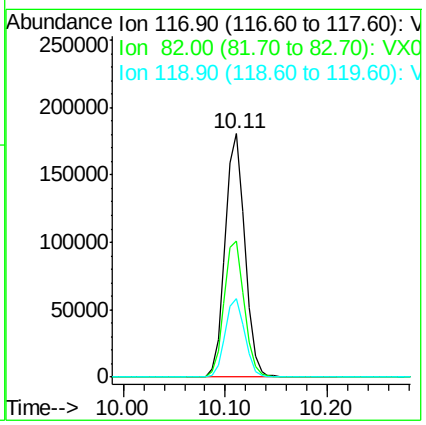


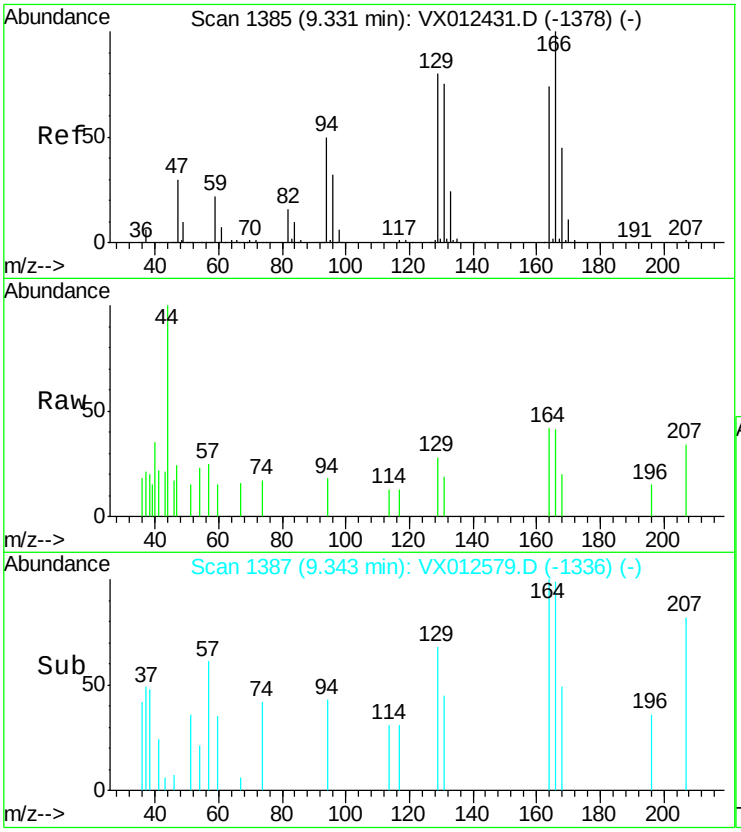


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion:117 Resp: 241039

Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.9	68.9
119	32.4	25.3	37.9



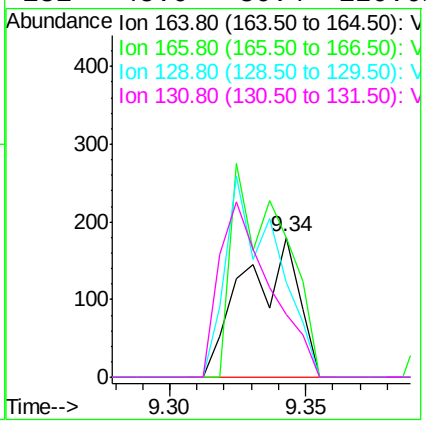


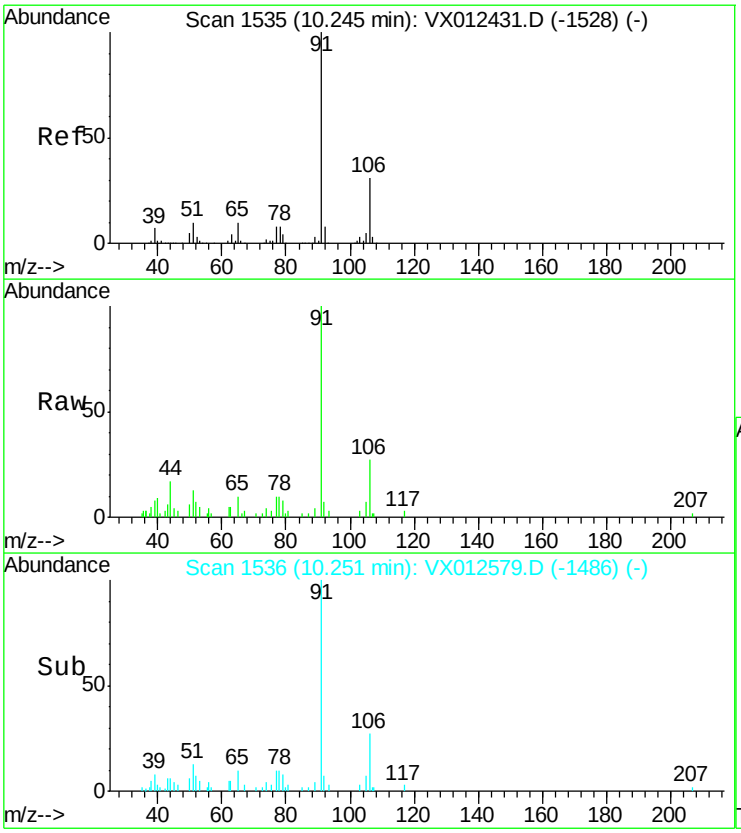
#64
Tetrachloroethene
Concen: 0.226 ug/l
RT: 9.34 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion:164 Resp: 250

Ion	Ratio	Lower	Upper
164	100		
166	99.4	107.8	161.6#
129	67.8	86.2	129.2#
131	45.0	80.4	120.6#

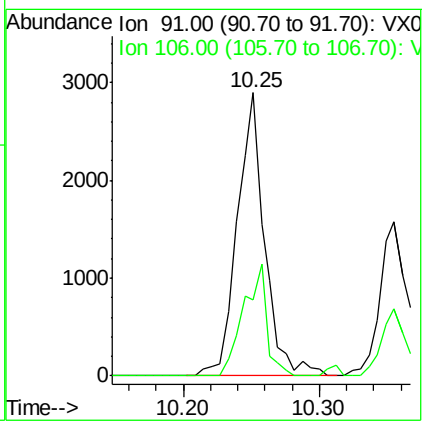


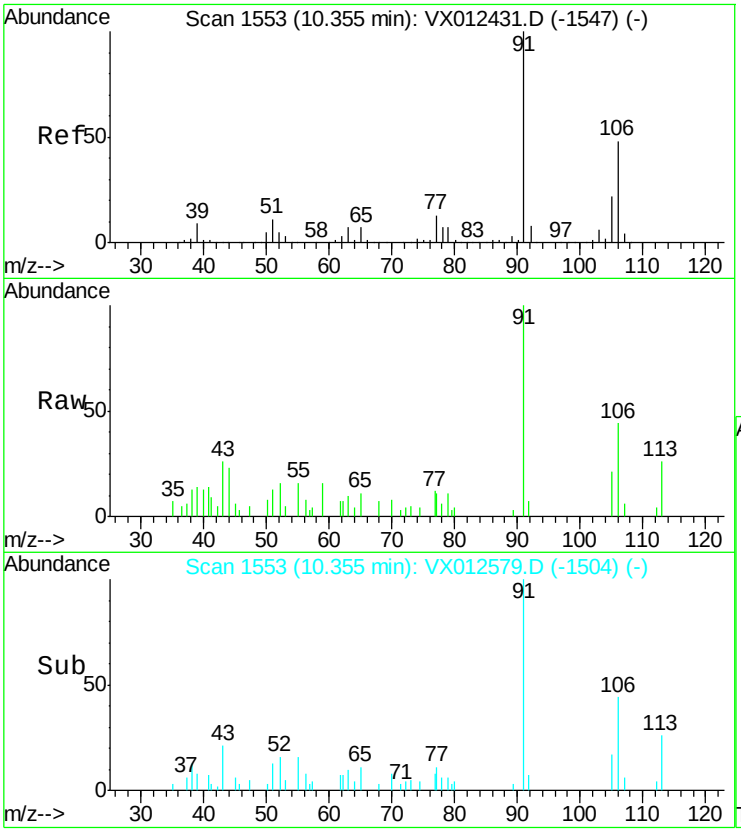


#67
Ethyl Benzene
Concen: 0.593 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 91 Resp: 4056

Ion	Ratio	Lower	Upper
91	100		
106	26.7	24.6	37.0



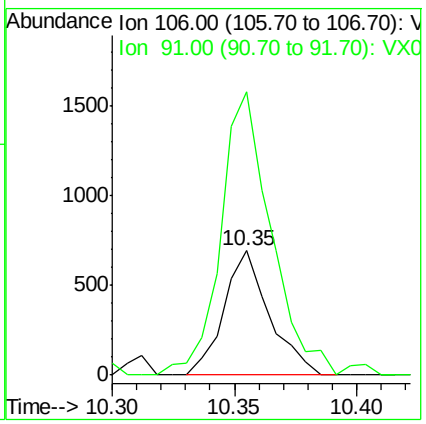


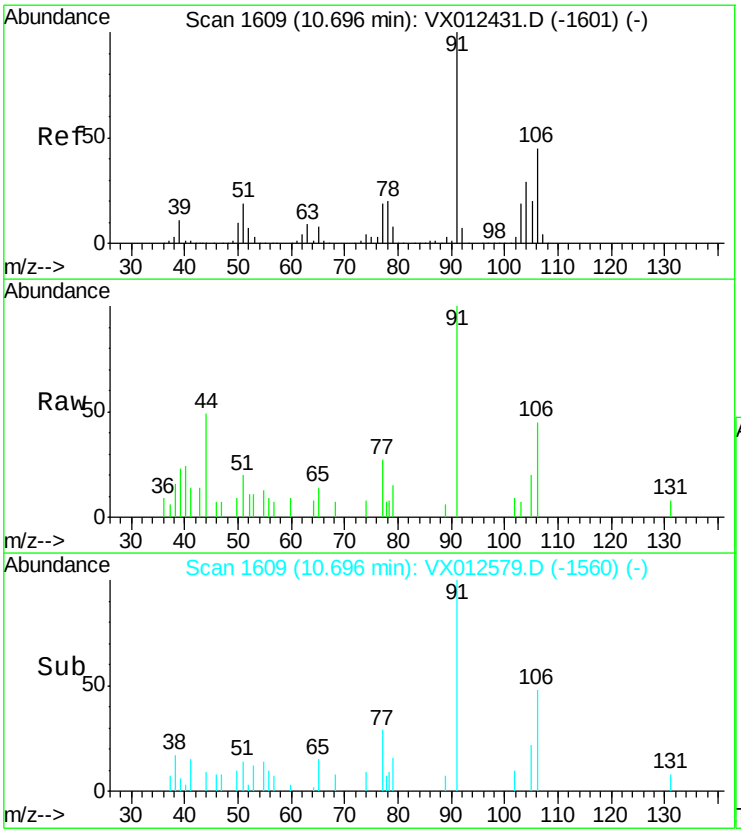
#68
m/p-Xylenes
Concen: 0.361 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion:106 Resp: 897

Ion	Ratio	Lower	Upper
106	100		
91	255.4	166.6	250.0#

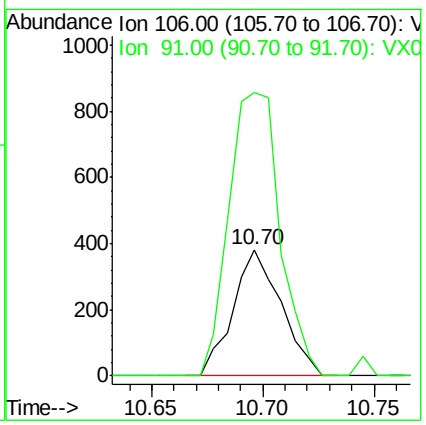


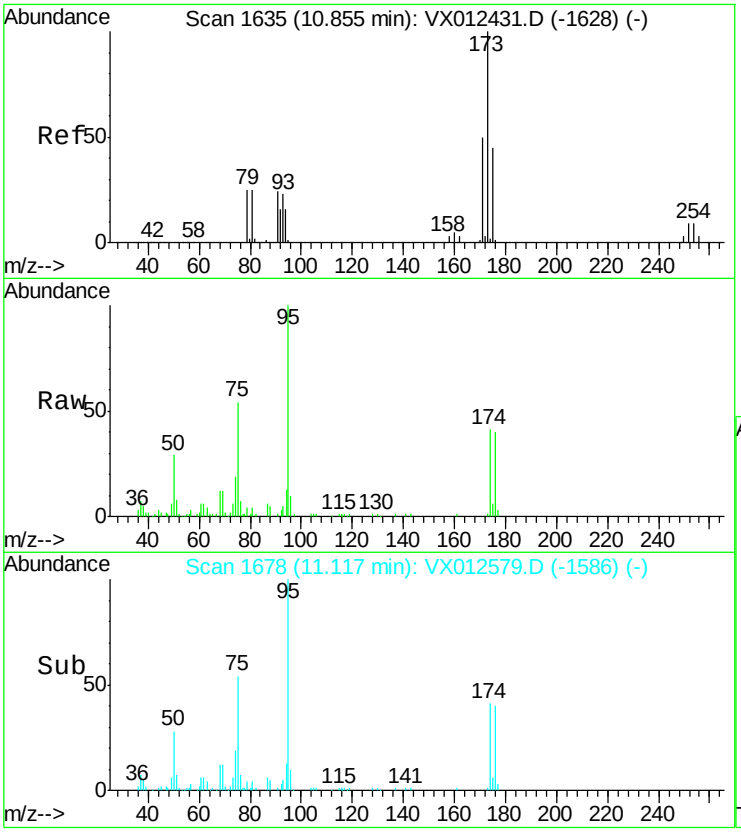


#69
o-Xylene
Concen: 0.224 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion:106 Resp: 573

Ion	Ratio	Lower	Upper
106	100		
91	238.9	109.4	328.2



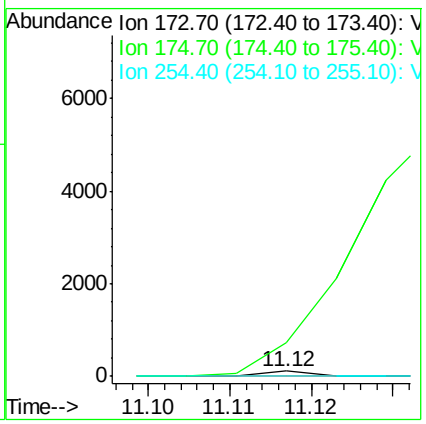


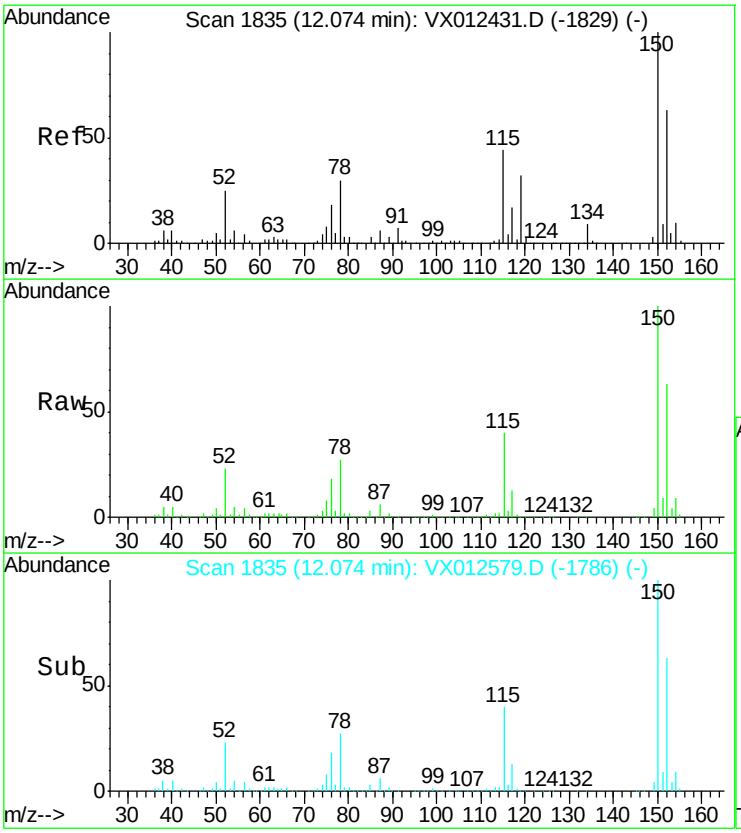
#71
Bromoform
Concen: 2.896 ug/l
RT: 11.12 min Scan# 1678
Delta R.T. 0.26 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument : MSVOA_X
ClientSampleId : S49-0554

Tgt Ion:173 Resp: 40

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

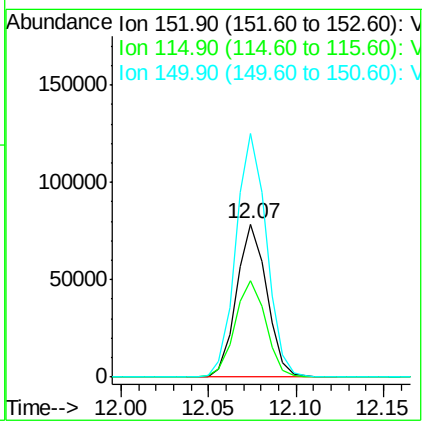


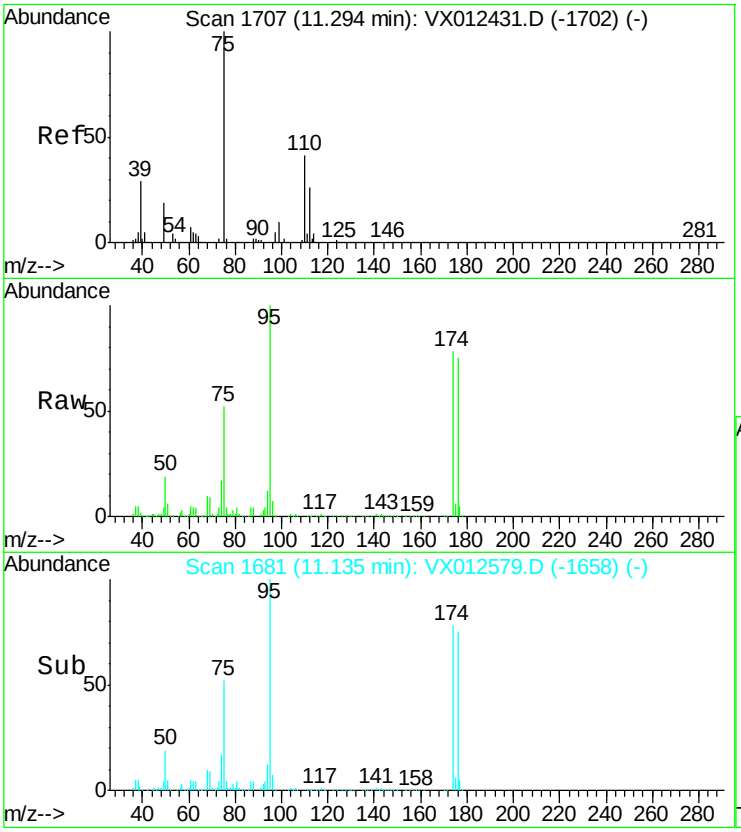


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion:152 Resp: 94993

Ion	Ratio	Lower	Upper
152	100		
115	64.4	44.1	132.3
150	160.5	0.0	343.8



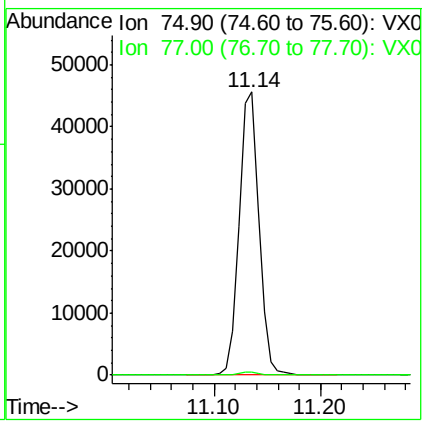


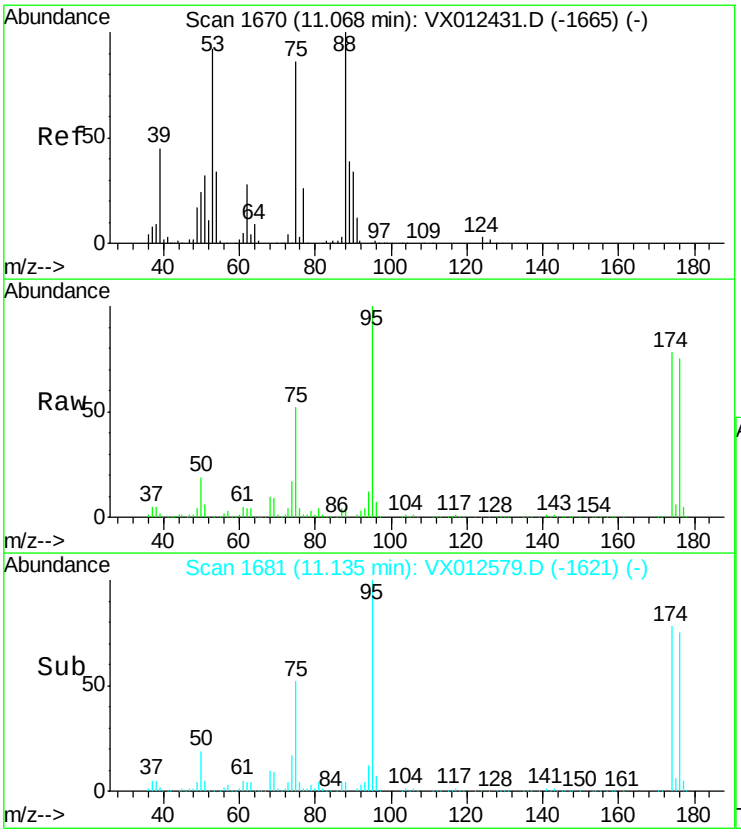
#76
1,2,3-Trichloropropane
Concen: 27.498 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tgt Ion: 75 Resp: 60002

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.913 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 75 Resp: 60002

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