Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020099.D
Acq On : 17 Dec 2020 05:08
Operator : JC/MD
Sample : L5115-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SOIL-CUTTINGS

Quant Time: Dec 17 06:12:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	286681	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	485832	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	464249	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200981	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	190933	50.67	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.34%				
35) Dibromofluoromethane	5.46	113	153786	48.98	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.96%				
50) Toluene-d8	8.70	98	607644	50.69	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.38%				
62) 4-Bromofluorobenzene	11.12	95	214388	46.99	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.98%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	483	0.447	ug/l	#	78
6) Chloroethane	1.71	64	412	0.211	ug/l	#	43
11) Tert butyl alcohol	2.99	59	5470	4.495	ug/l	#	73
13) Acrolein	2.28	56	525	1.262	ug/l	#	60
16) Acetone	2.42	43	20233	14.286	ug/l		100
18) Methyl Acetate	2.75	43	2622	0.757	ug/l		94
20) Methylene Chloride	2.83	84	10799	1.974	ug/l		96
24) 1,1-Dichloroethane	3.67	63	1117	0.207	ug/l	#	81
25) 2-Butanone	4.64	43	4884	2.244	ug/l		96
29) Tetrahydrofuran	5.10	42	723	0.516	ug/l	#	68
31) Cyclohexane	5.62	56	5643	1.204	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	22374	5.096	ug/l	#	48
37) Ethyl Acetate	4.64	43	4884	1.102	ug/l	#	66
38) Carbon Tetrachloride	5.62	117	28735	6.684	ug/l	#	18
43) Isopropyl Acetate	6.41	43	23054	3.199	ug/l		98
44) Trichloroethene	7.18	130	1394	0.396	ug/l		87
48) Methyl methacrylate	7.65	41	6991	1.973	ug/l	#	10
49) 1,4-Dioxane	7.84	88	246	2.865	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	82342	18.715	ug/l	#	47
52) Toluene	8.76	92	2042	0.243	ug/l		92
54) cis-1,3-Dichloropropene	8.59	75	43018	7.945	ug/l	#	61
57) 1,3-Dichloropropane	9.52	76	25949	4.496	ug/l	#	43
59) 2-Hexanone	9.52	43	317864	93.204	ug/l	#	46
60) Dibromochloromethane	9.32	129	7781	2.266	ug/l	#	11
64) Tetrachloroethene	9.32	164	7796	2.504	ug/l		92
76) 1,2,3-Trichloropropane	11.12	75	104070	23.087	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	104070	66.741	ug/l	#	12

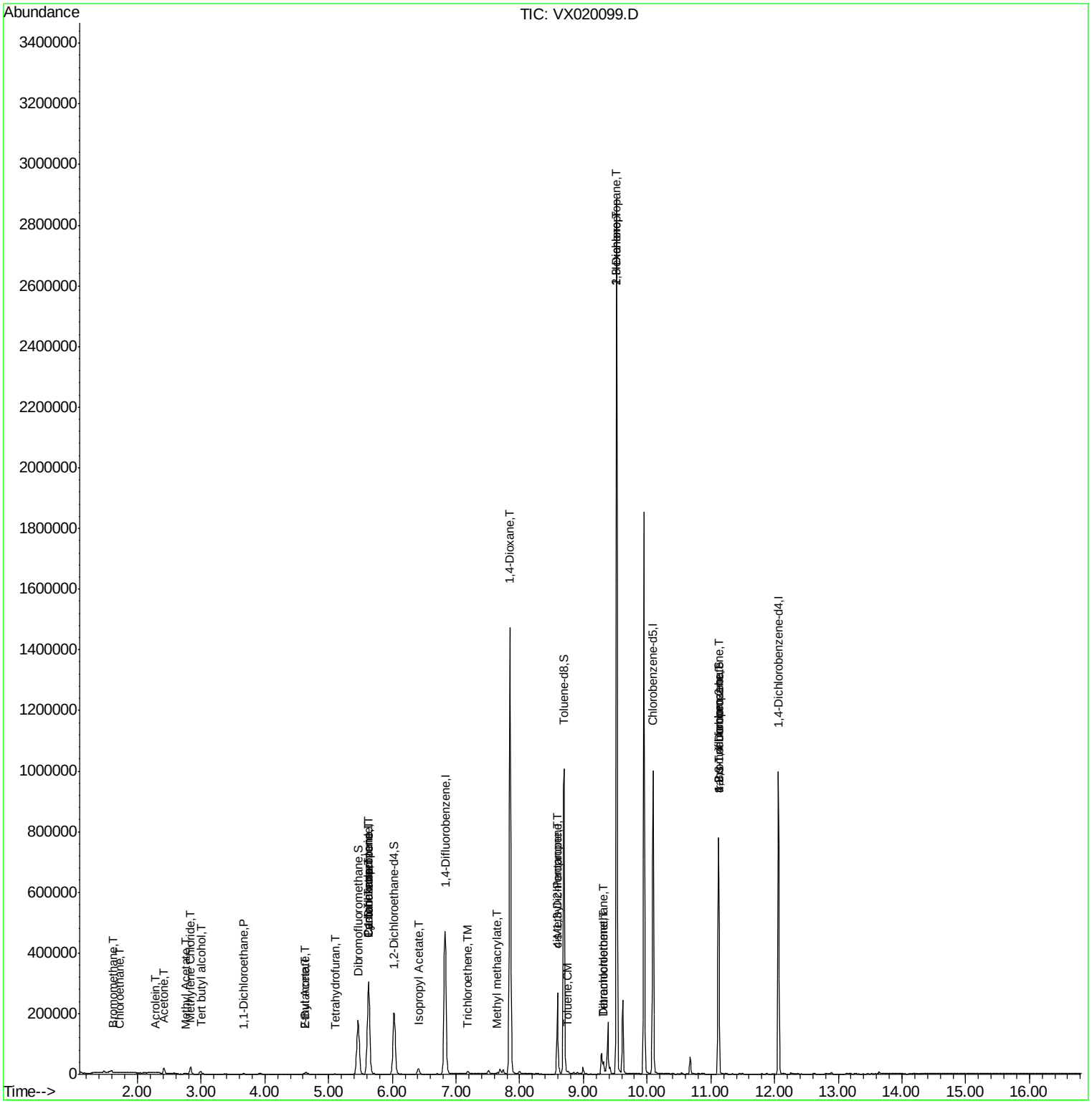
(#) = qualifier out of range (m) = manual integration (+) = signals summed

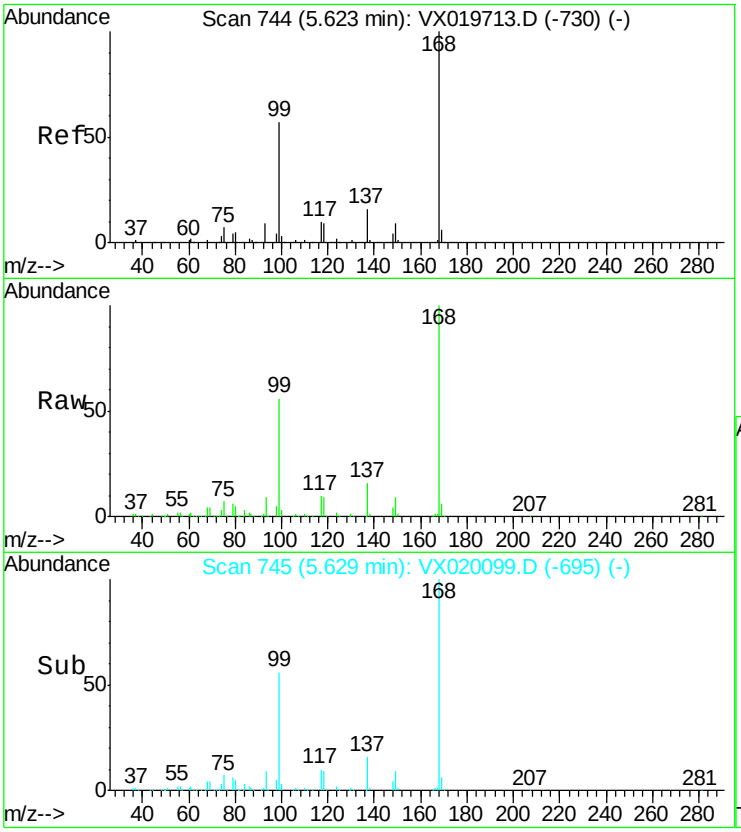
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020099.D
Acq On : 17 Dec 2020 05:08
Operator : JC/MD
Sample : L5115-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Quant Time: Dec 17 06:12:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



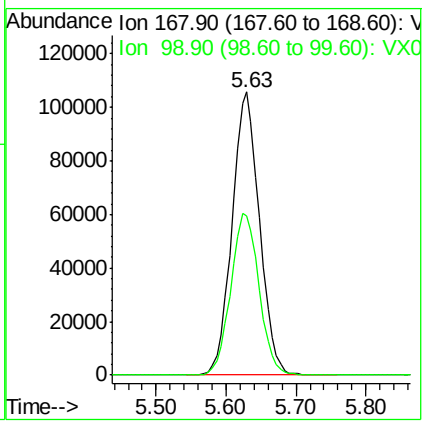


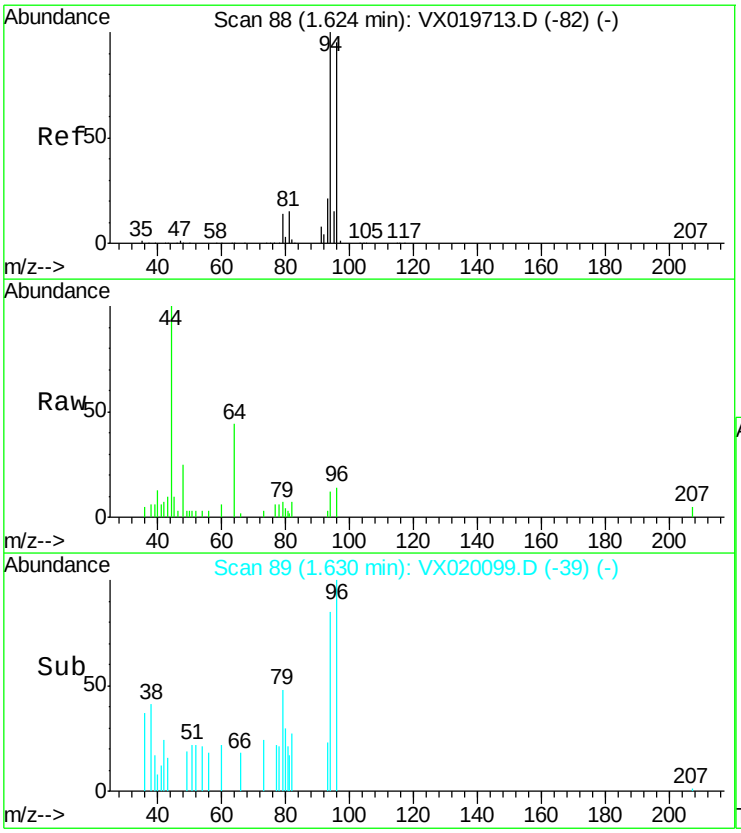
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:168 Resp: 286681

Ion	Ratio	Lower	Upper
168	100		
99	56.3	45.8	68.6

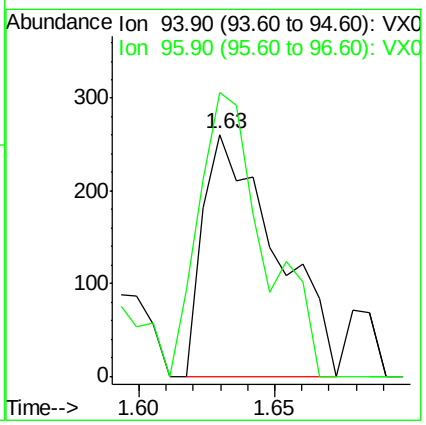


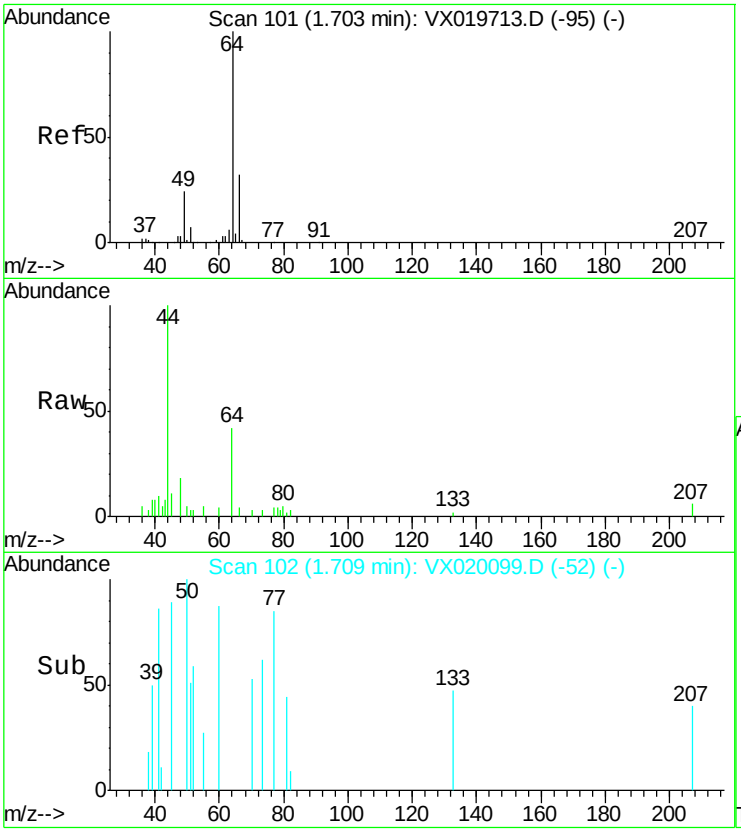


#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 94 Resp: 483

Ion	Ratio	Lower	Upper
94	100		
96	117.2	76.4	114.6#



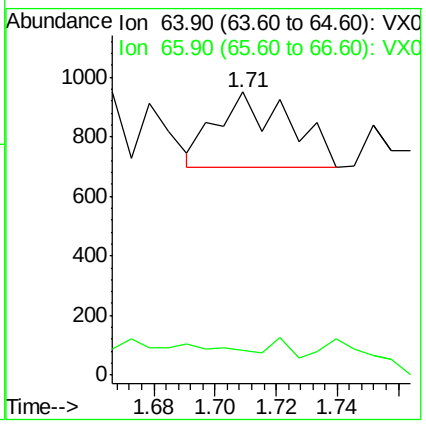


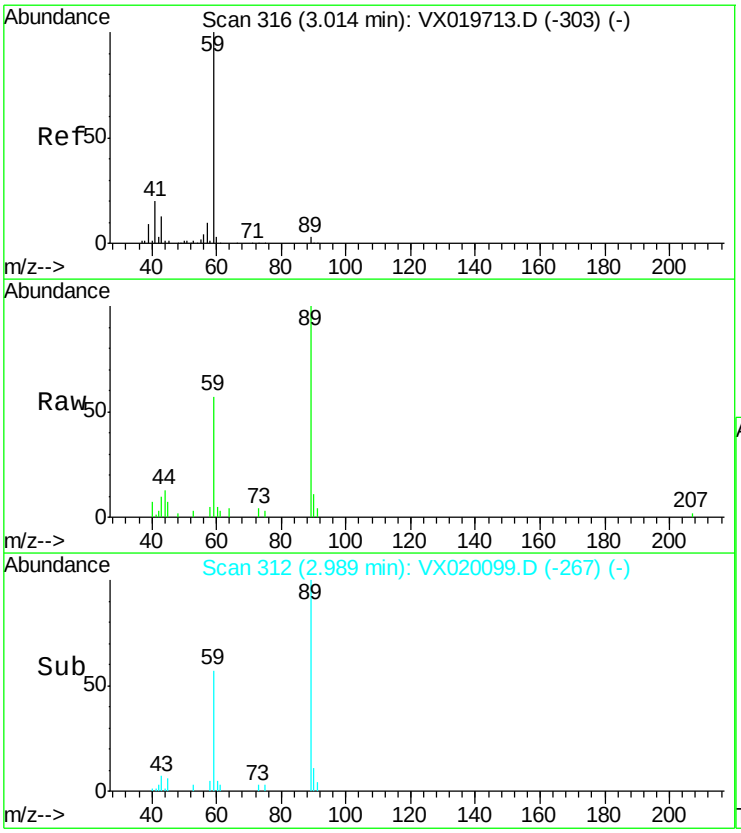
#6
Chloroethane
Concen: 0.211 ug/l
RT: 1.71 min Scan# 102
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 64 Resp: 412

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#

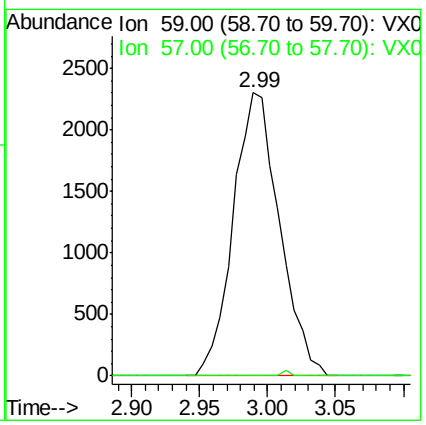


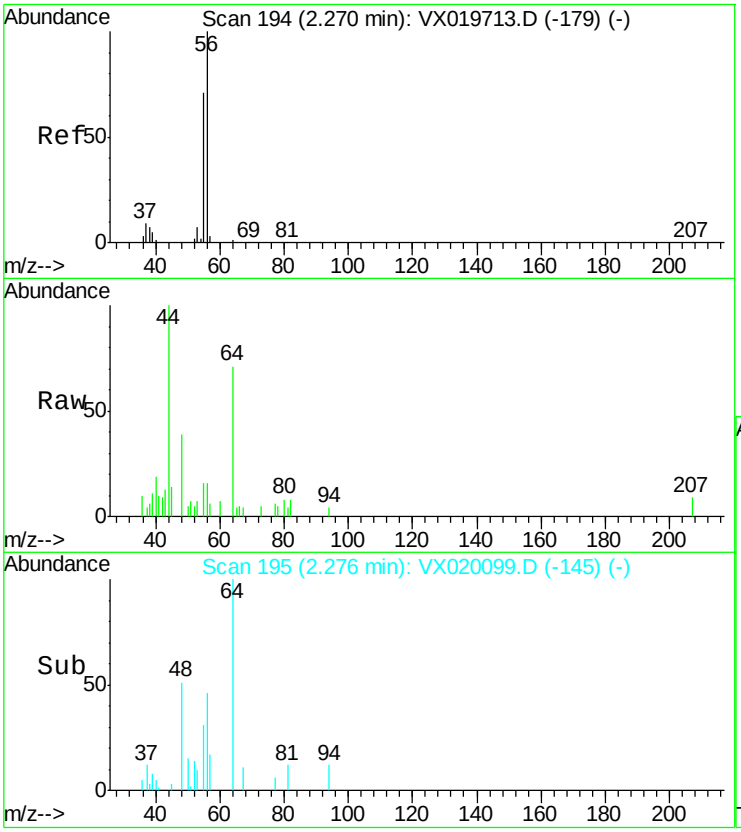


#11
Tert butyl alcohol
Concen: 4.495 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 59 Resp: 5470

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



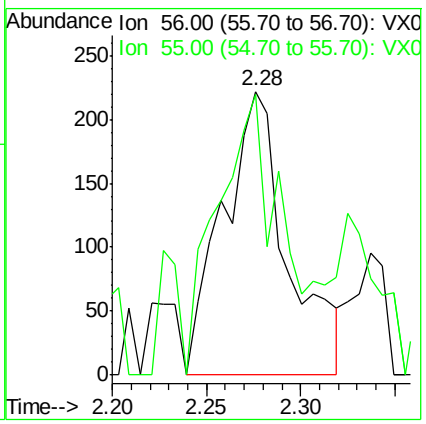


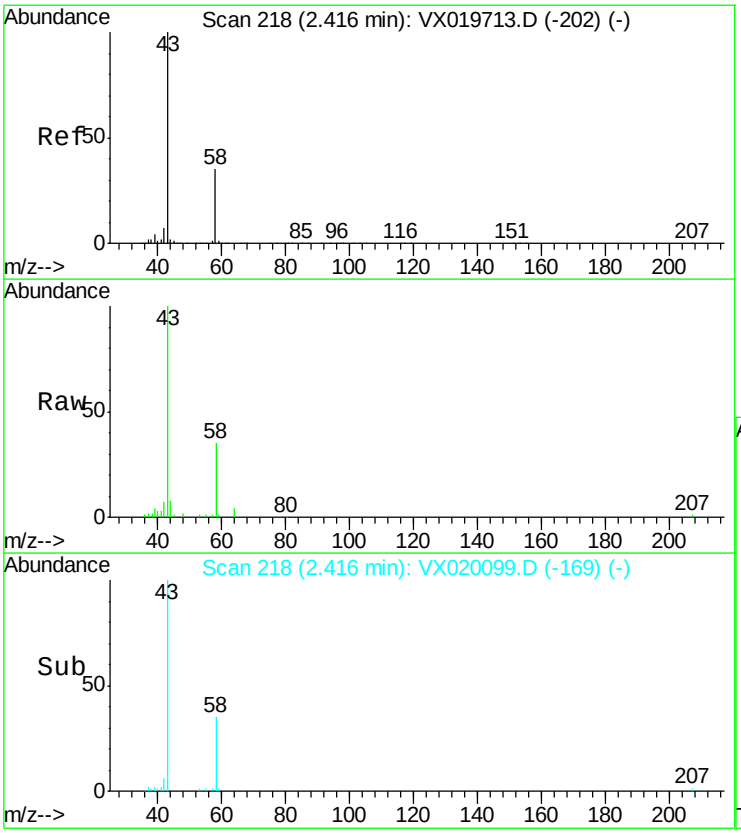
#13
Acrolein
Concen: 1.262 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 56 Resp: 525

Ion	Ratio	Lower	Upper
56	100		
55	103.4	56.4	84.6#

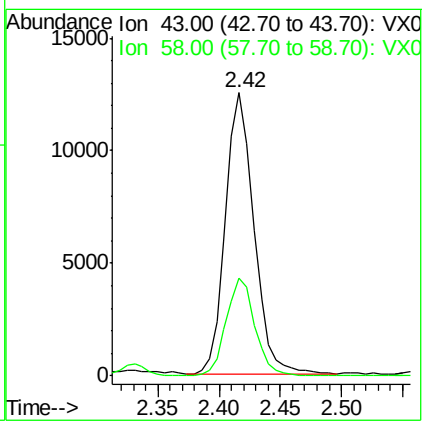


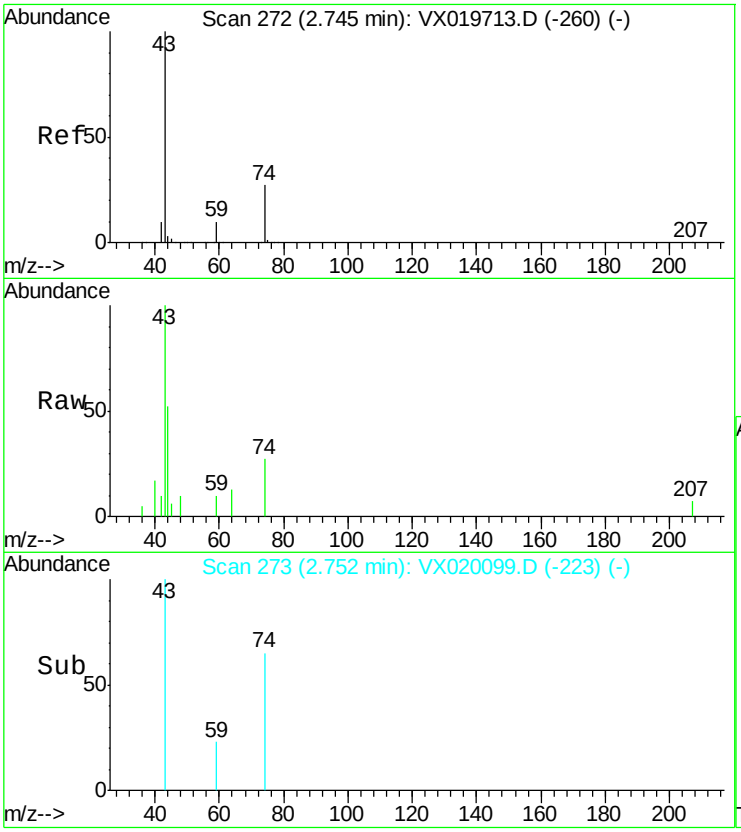


#16
Acetone
Concen: 14.286 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 43 Resp: 20233

Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.8	41.8



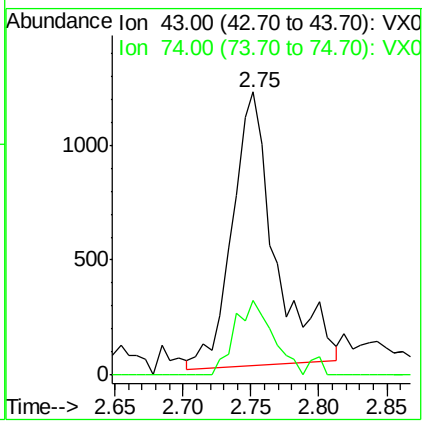


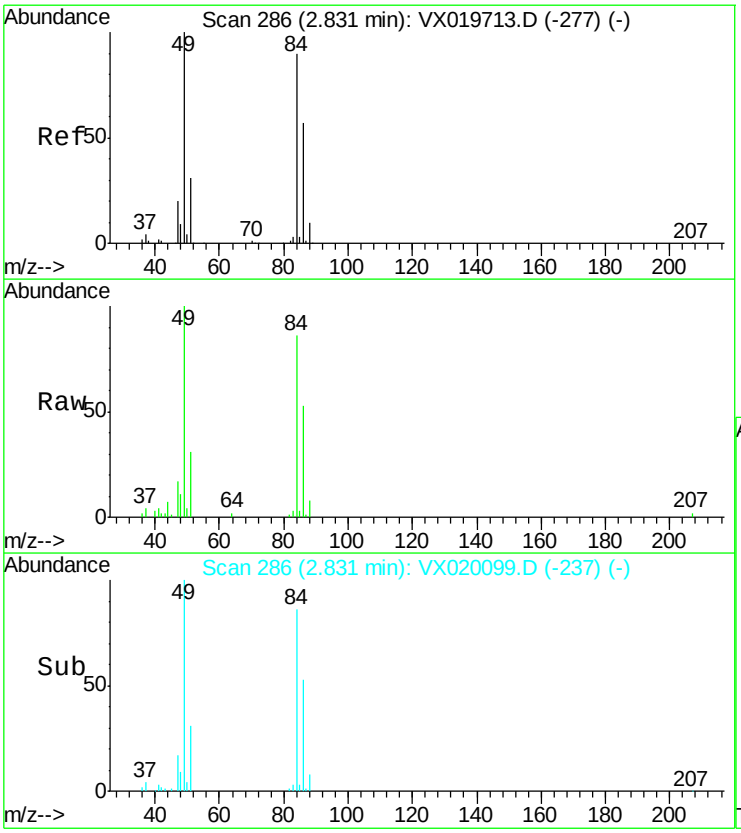
#18
Methyl Acetate
Concen: 0.757 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument : MSVOA_X
ClientSampleId : SOIL-CUTTINGS

Tgt Ion: 43 Resp: 2622

Ion	Ratio	Lower	Upper
43	100		
74	24.3	21.9	32.9

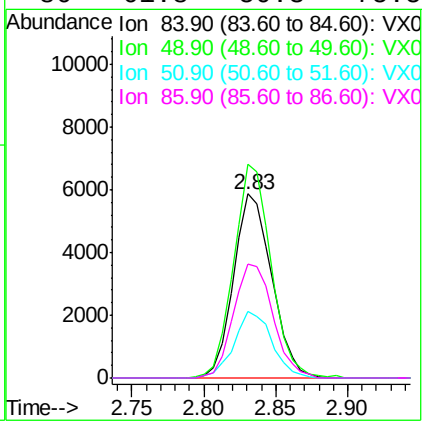


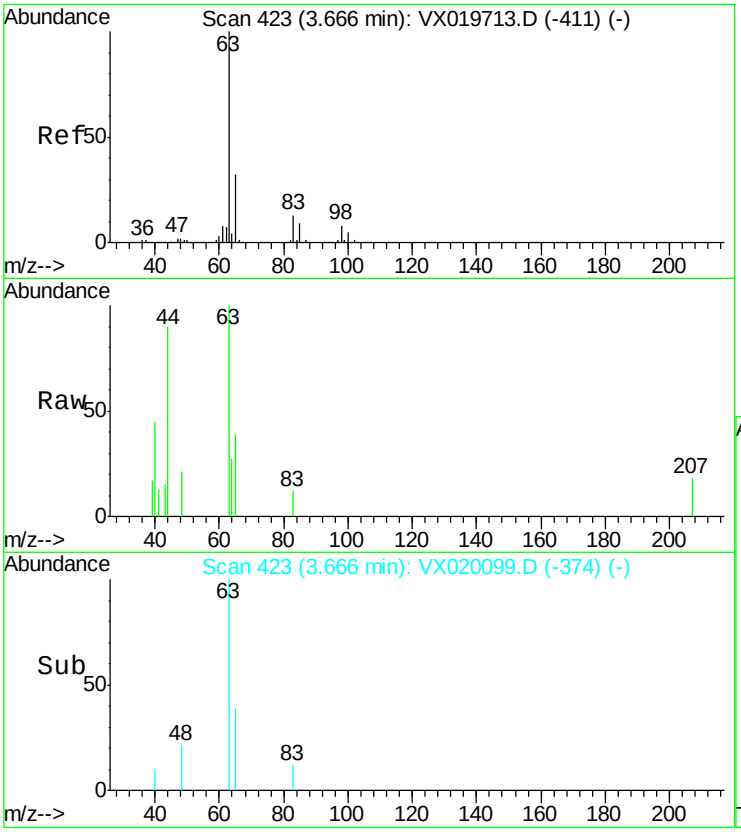


#20
Methylene Chloride
Concen: 1.974 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 84 Resp: 10799

Ion	Ratio	Lower	Upper
84	100		
49	116.0	88.6	132.8
51	36.0	27.0	40.6
86	61.8	50.3	75.5



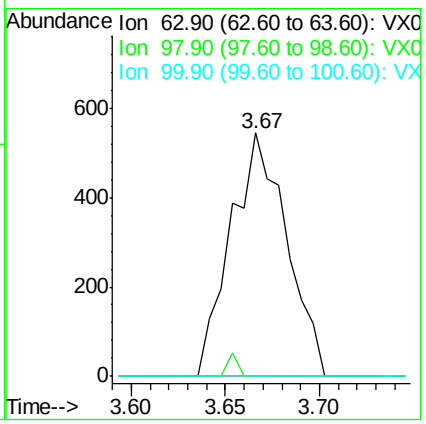


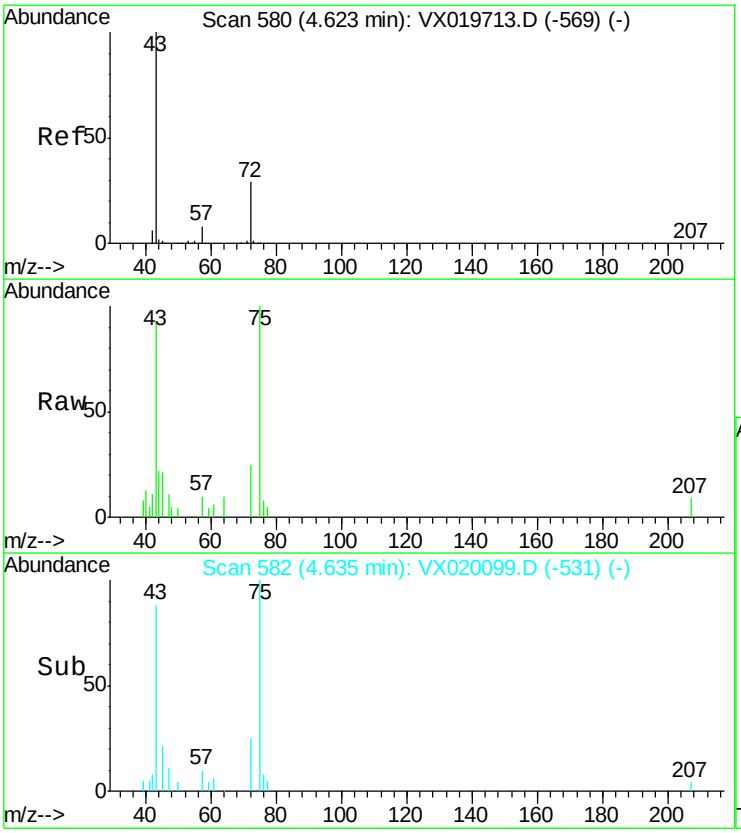
#24
1,1-Dichloroethane
Concen: 0.207 ug/l
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 63 Resp: 1117

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#

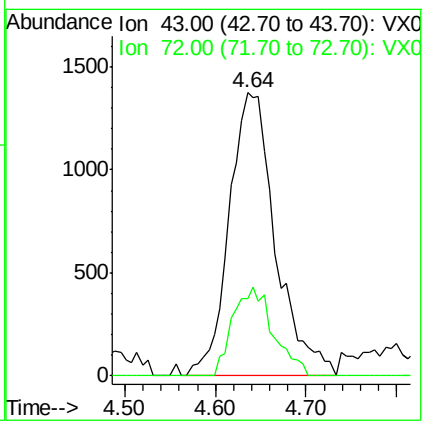


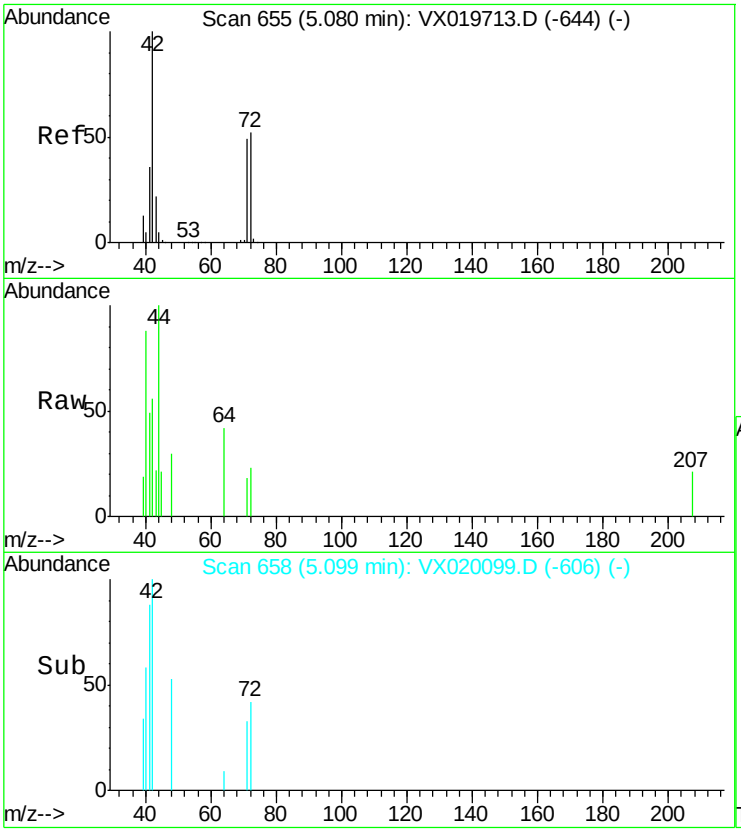


#25
2-Butanone
Concen: 2.244 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 43 Resp: 4884

Ion	Ratio	Lower	Upper
43	100		
72	27.2	23.7	35.5



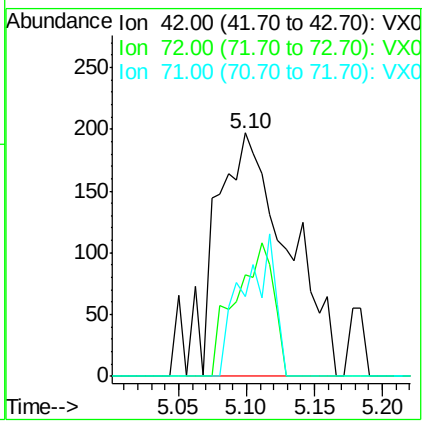


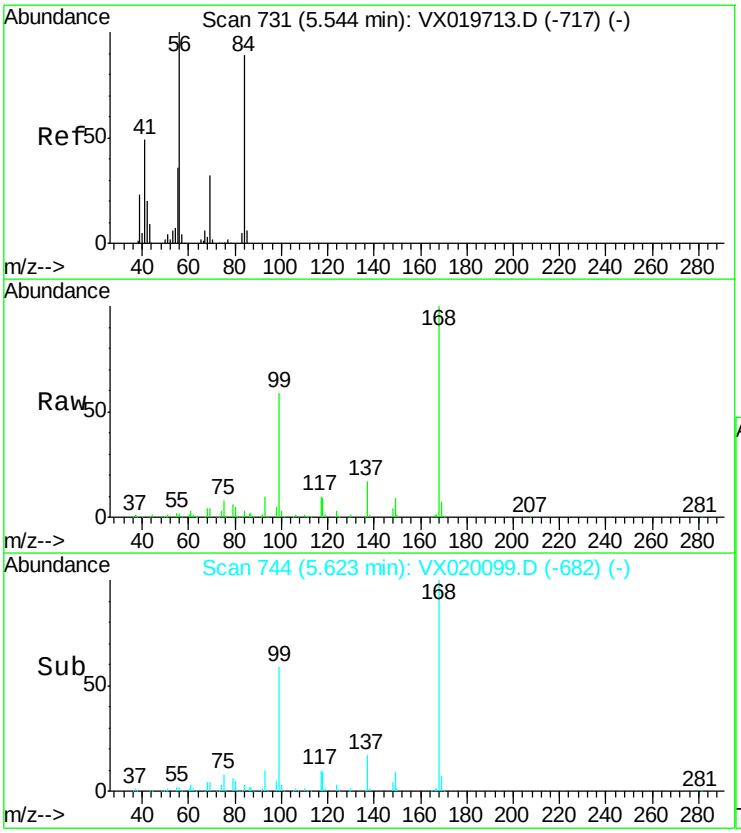
#29
Tetrahydrofuran
Concen: 0.516 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 42 Resp: 723

Ion	Ratio	Lower	Upper
42	100		
72	29.5	41.7	62.5#
71	26.6	38.4	57.6#

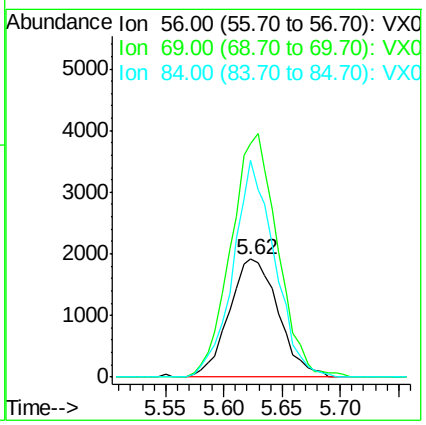


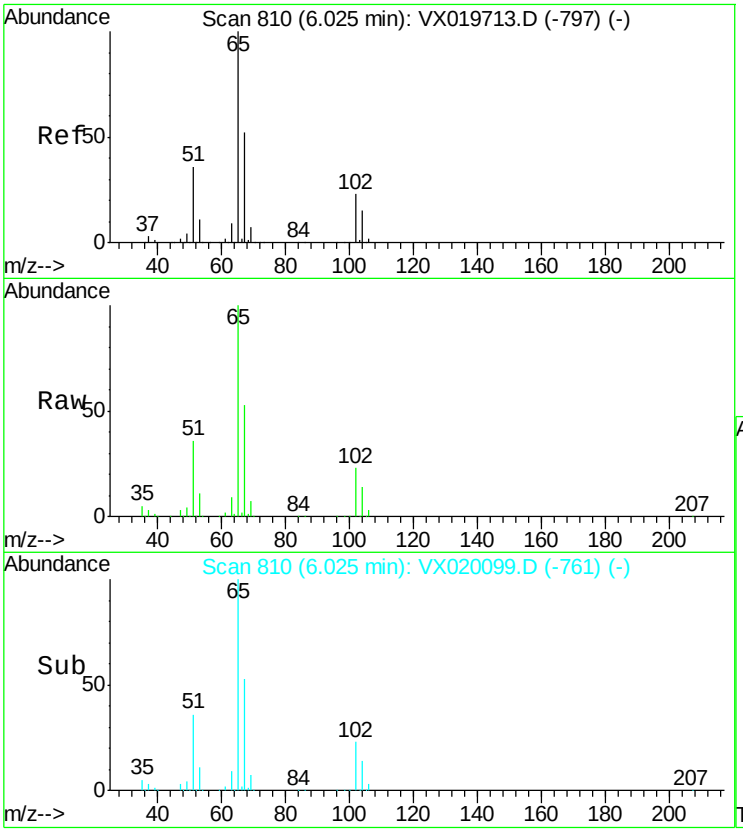


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 56 Resp: 5643

Ion	Ratio	Lower	Upper
56	100		
69	198.1	25.3	37.9#
84	184.1	71.4	107.0#



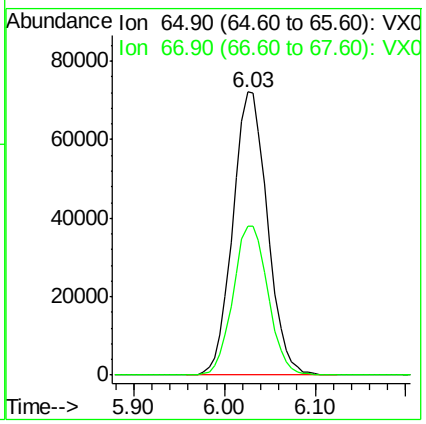


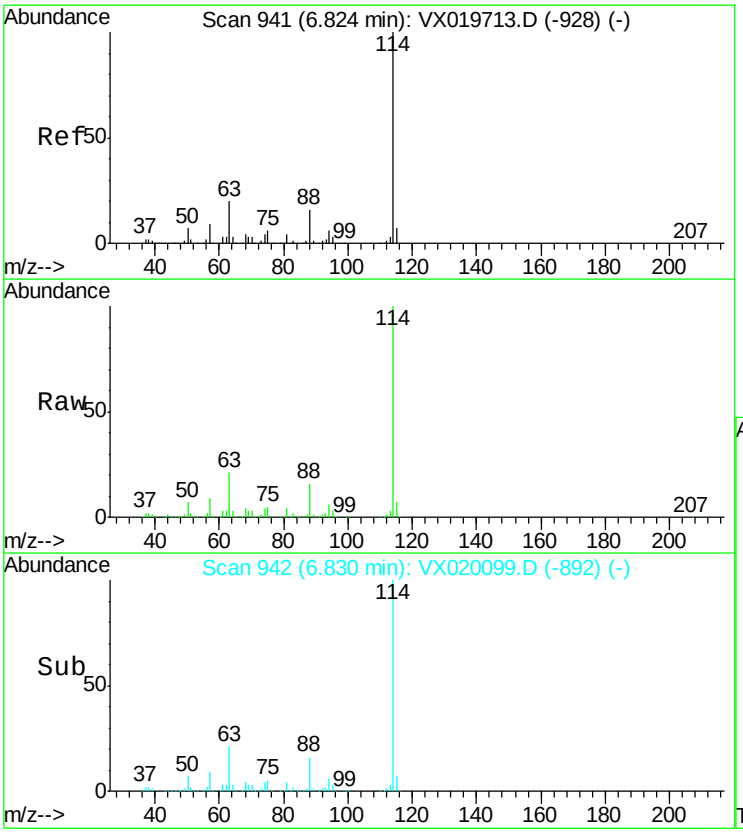
#33
1,2-Dichloroethane-d4
Concen: 50.675 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 65 Resp: 190933

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

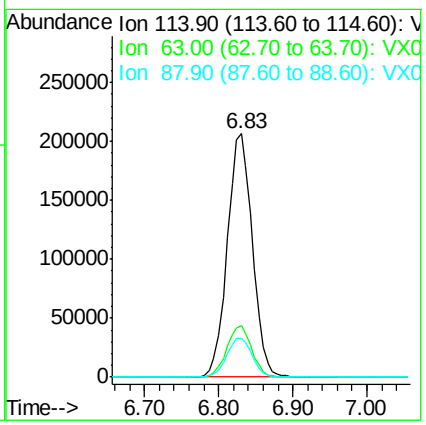


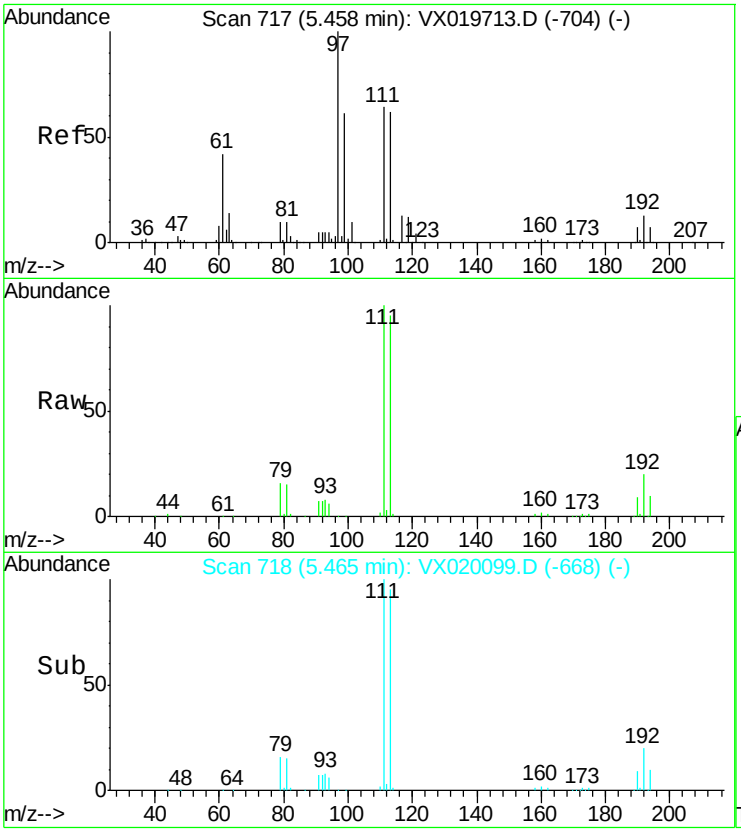


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion:114 Resp: 485832

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.0	0.0	32.8



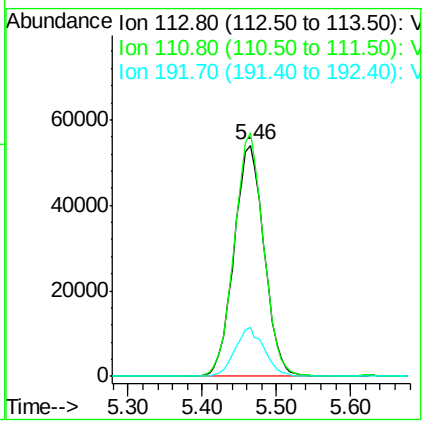


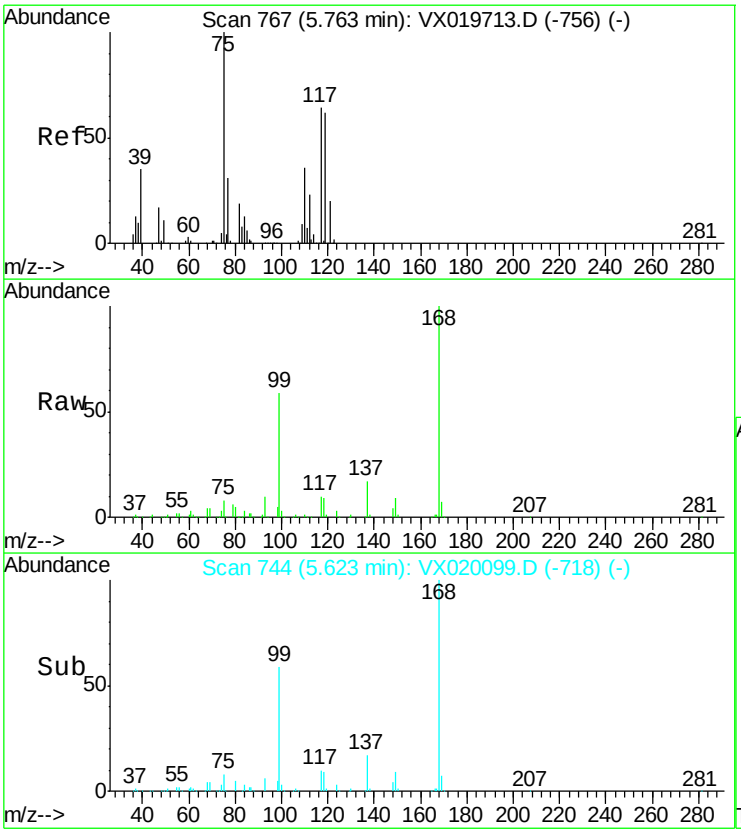
#35
Dibromofluoromethane
Concen: 48.979 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:113 Resp: 153786

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	20.4	16.7	25.1

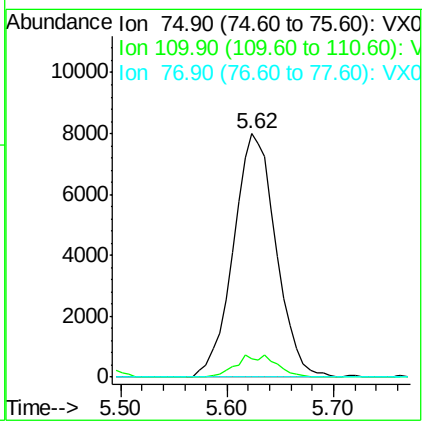


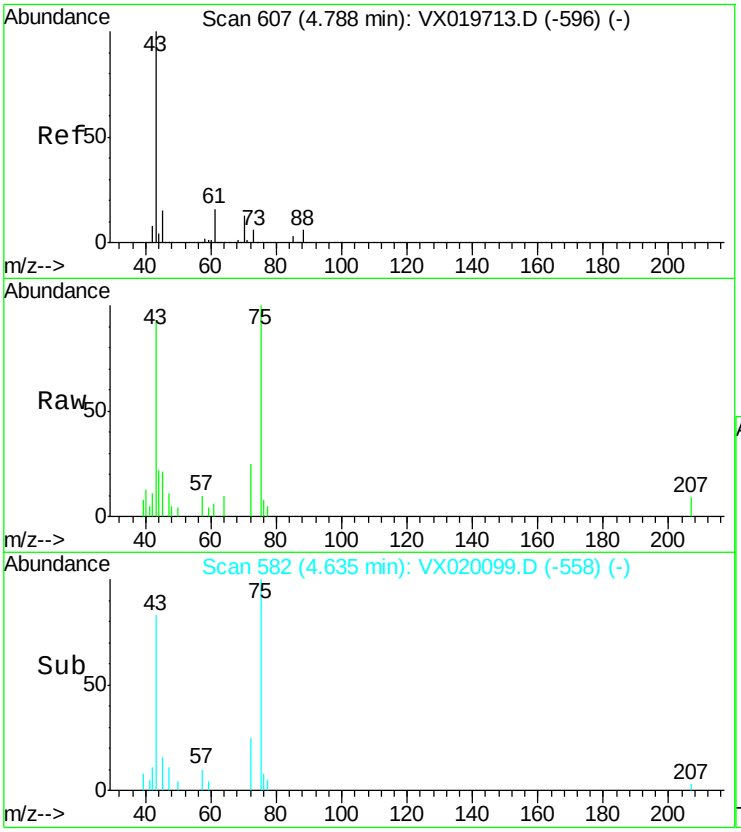


#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 75 Resp: 22374

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#



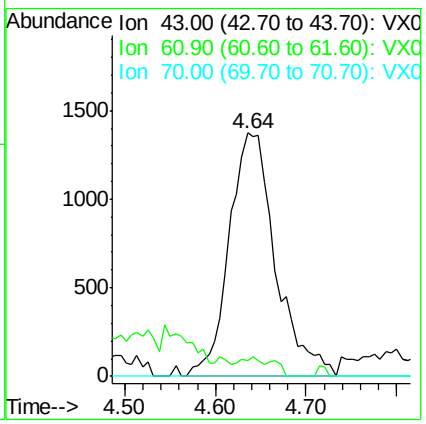


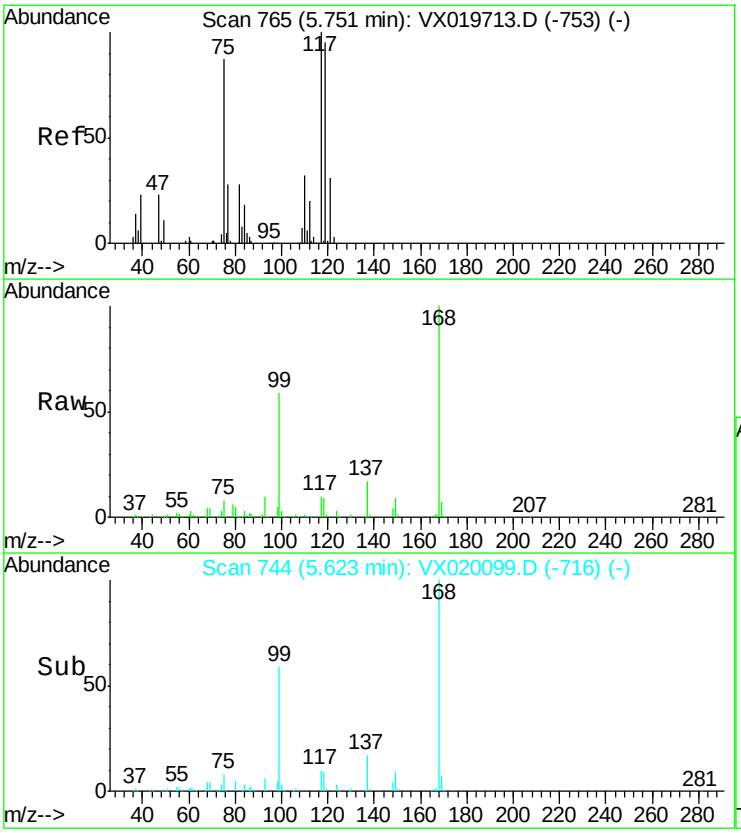
#37
Ethyl Acetate
Concen: 1.102 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 43 Resp: 4884

Ion	Ratio	Lower	Upper
43	100		
61	0.9	12.8	19.2#
70	0.0	10.5	15.7#

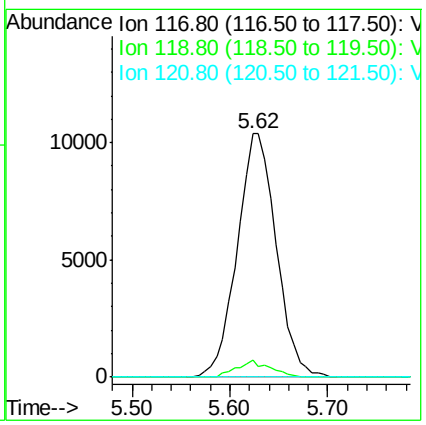


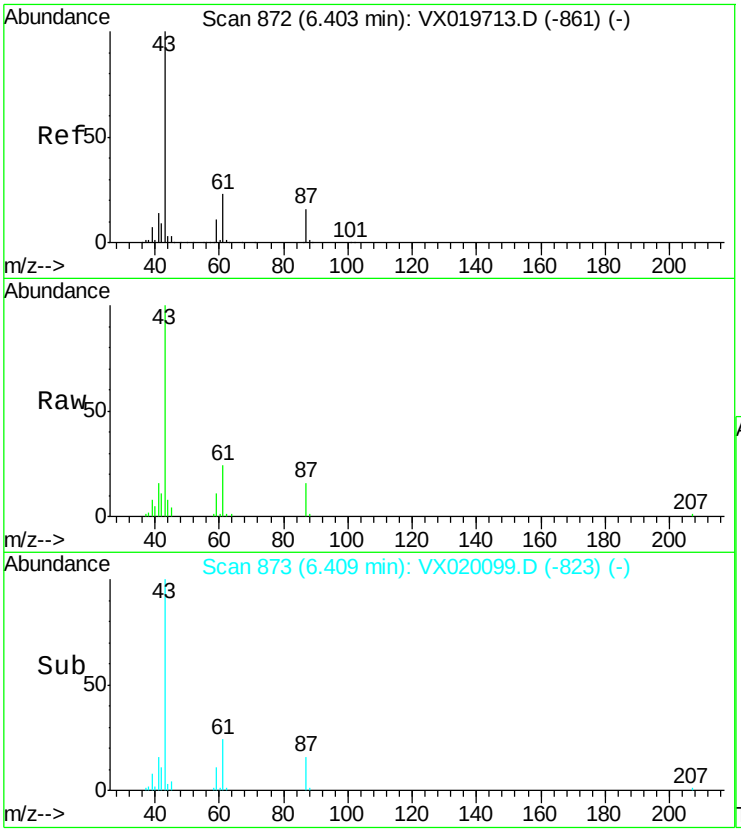


#38
Carbon Tetrachloride
Concen: 6.684 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion:117 Resp: 28735

Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.2#
121	0.0	24.8	37.2#



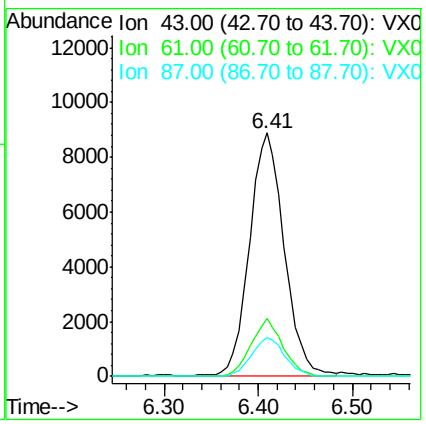


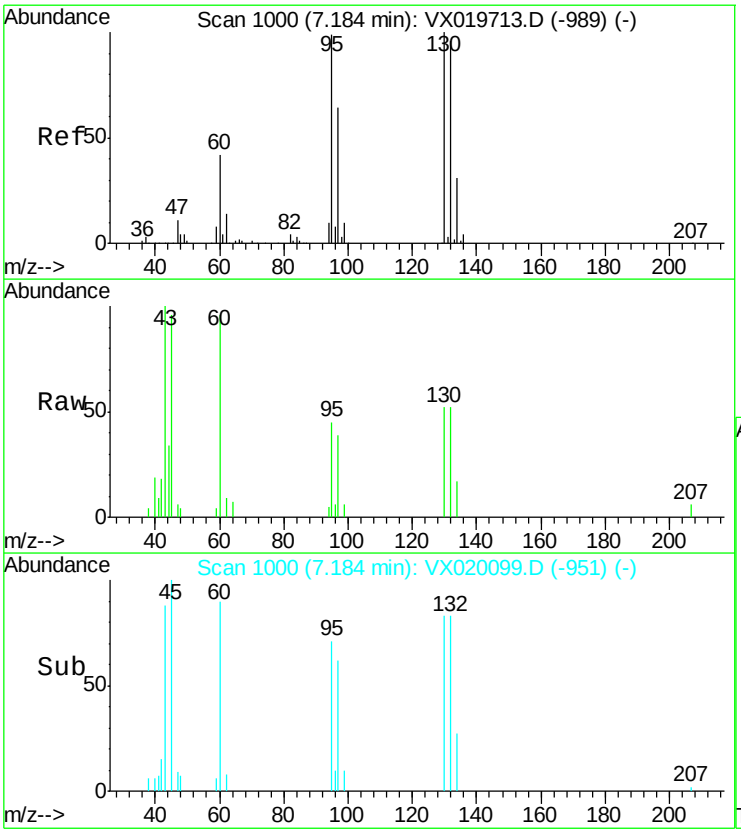
#43
Isopropyl Acetate
Concen: 3.199 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 43 Resp: 23054

Ion	Ratio	Lower	Upper
43	100		
61	21.5	18.2	27.4
87	15.1	12.5	18.7

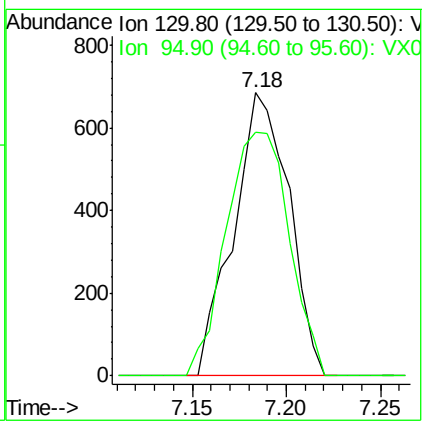


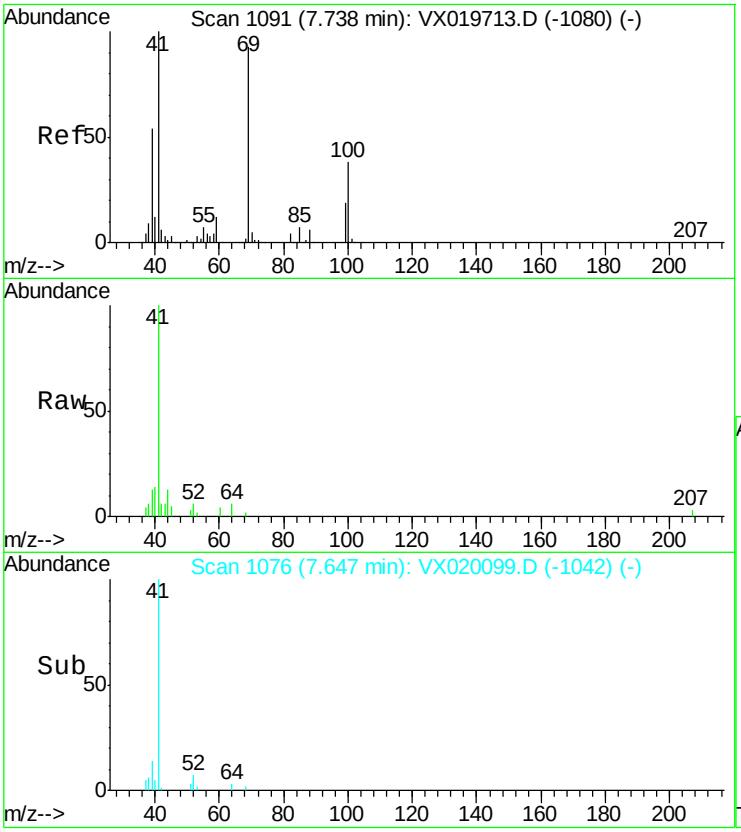


#44
Trichloroethene
Concen: 0.396 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion:130 Resp: 1394

Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	198.0



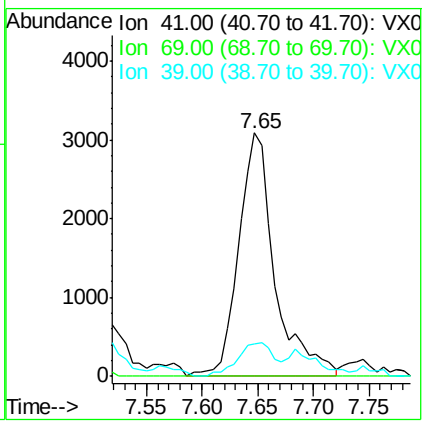


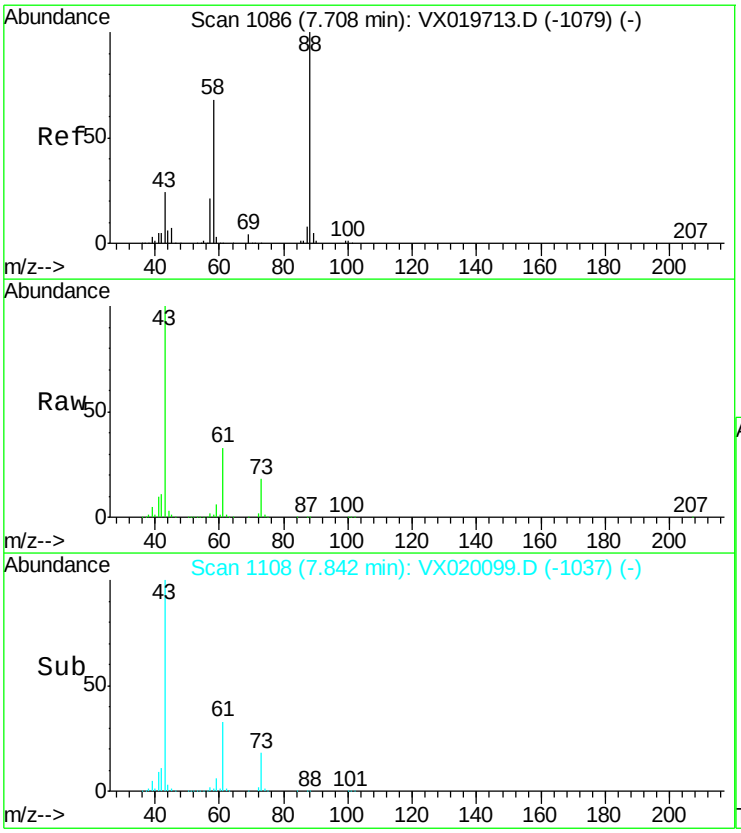
#48
Methyl methacrylate
Concen: 1.973 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 41 Resp: 6991

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

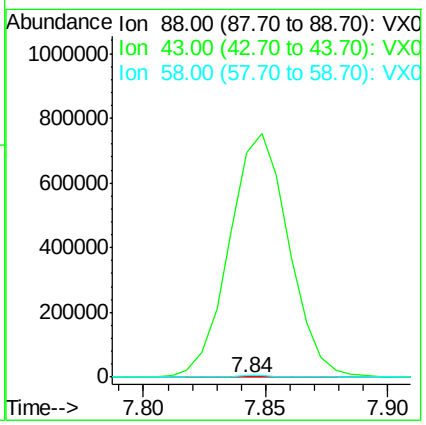


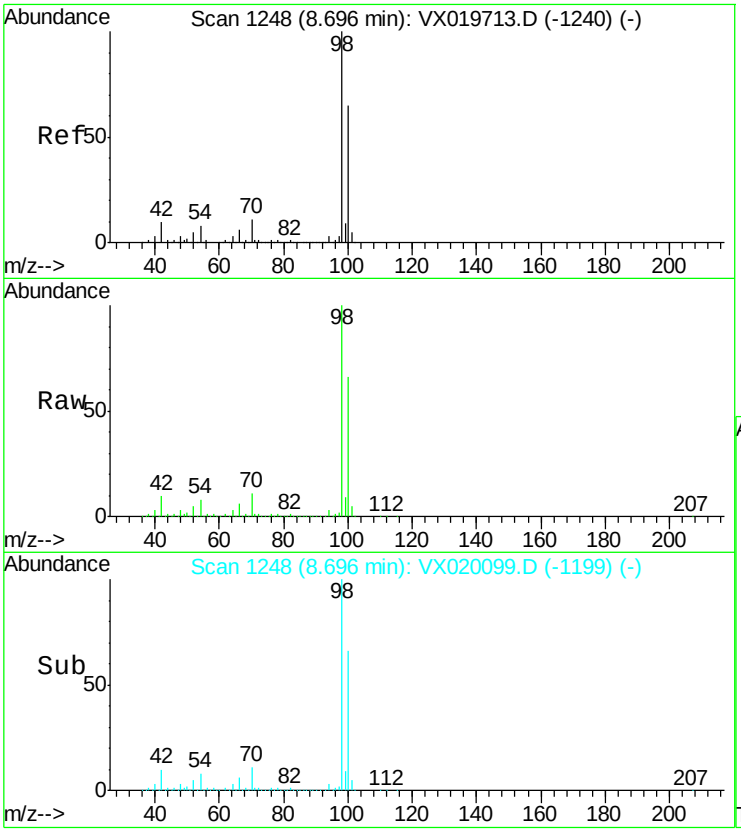


#49
1,4-Dioxane
Concen: 2.865 ug/l
RT: 7.84 min Scan# 1108
Delta R.T. 0.13 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 88 Resp: 246

Ion	Ratio	Lower	Upper
88	100		
43	518237.4	23.2	34.8#
58	2792.7	55.0	82.4#



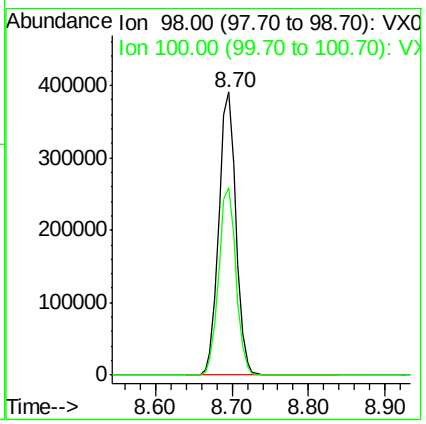


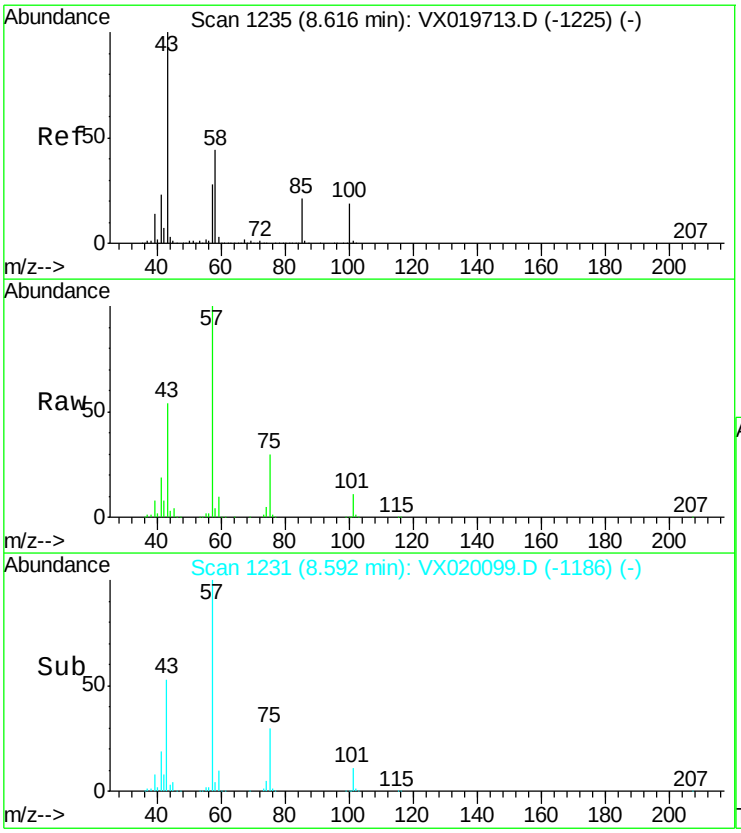
#50
Toluene-d8
Concen: 50.691 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 98 Resp: 607644

Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9

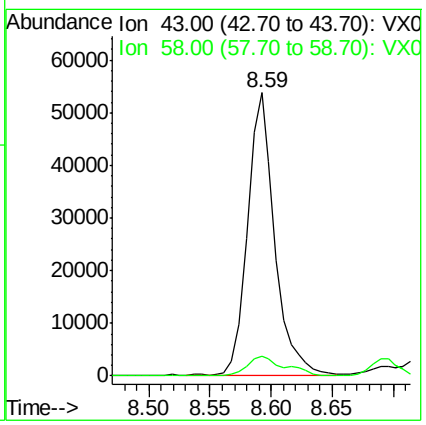


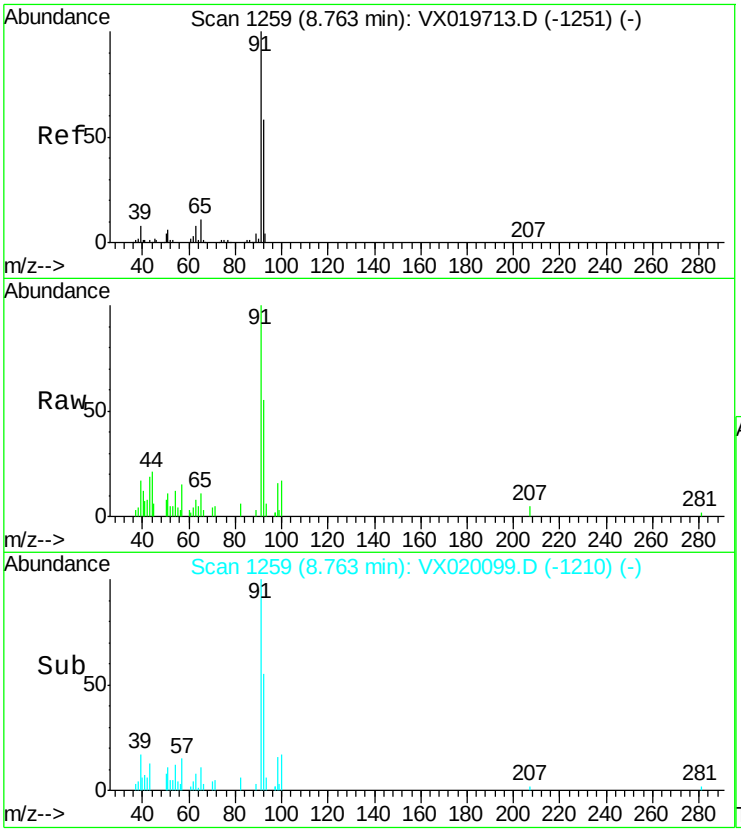


#51
4-Methyl-2-Pentanone
Concen: 18.715 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 43 Resp: 82342

Ion	Ratio	Lower	Upper
43	100		
58	9.7	35.4	53.0#



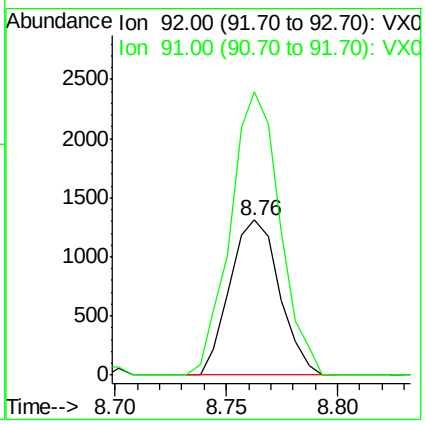


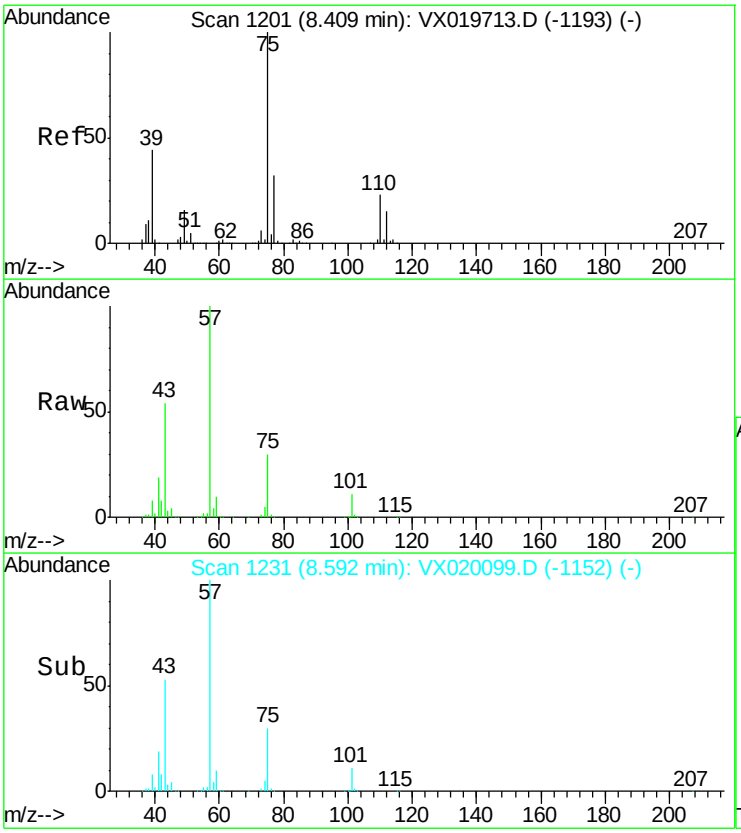
#52
Toluene
Concen: 0.243 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 92 Resp: 2042

Ion	Ratio	Lower	Upper
92	100		
91	182.0	137.1	205.7

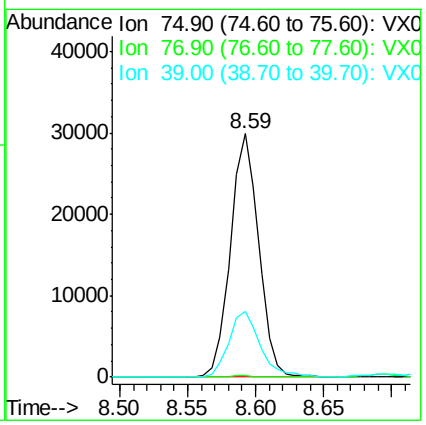


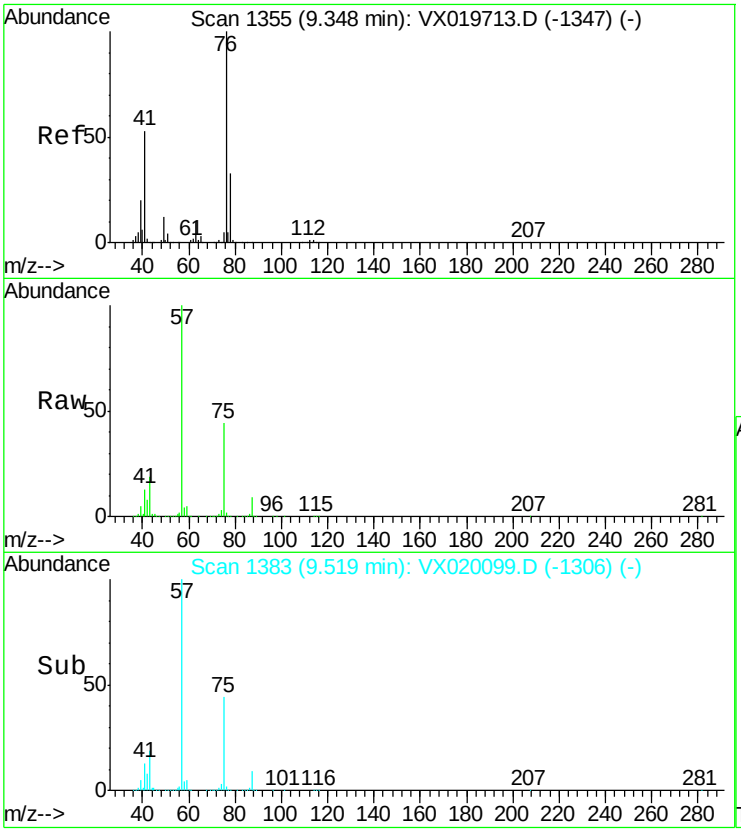


#54
cis-1,3-Dichloropropene
Concen: 7.945 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 75 Resp: 43018

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	27.1	35.1	52.7#



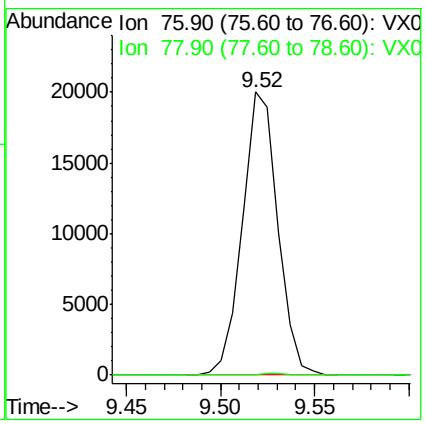


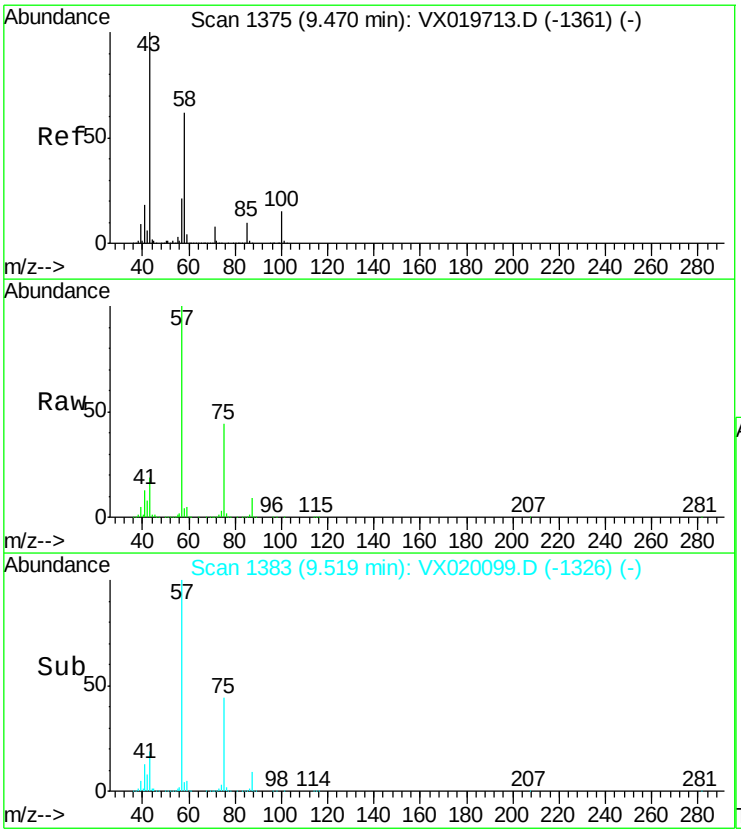
#57
1,3-Dichloropropane
Concen: 4.496 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.17 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 76 Resp: 25949

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#

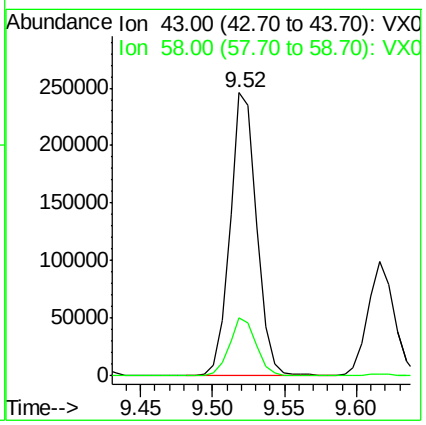


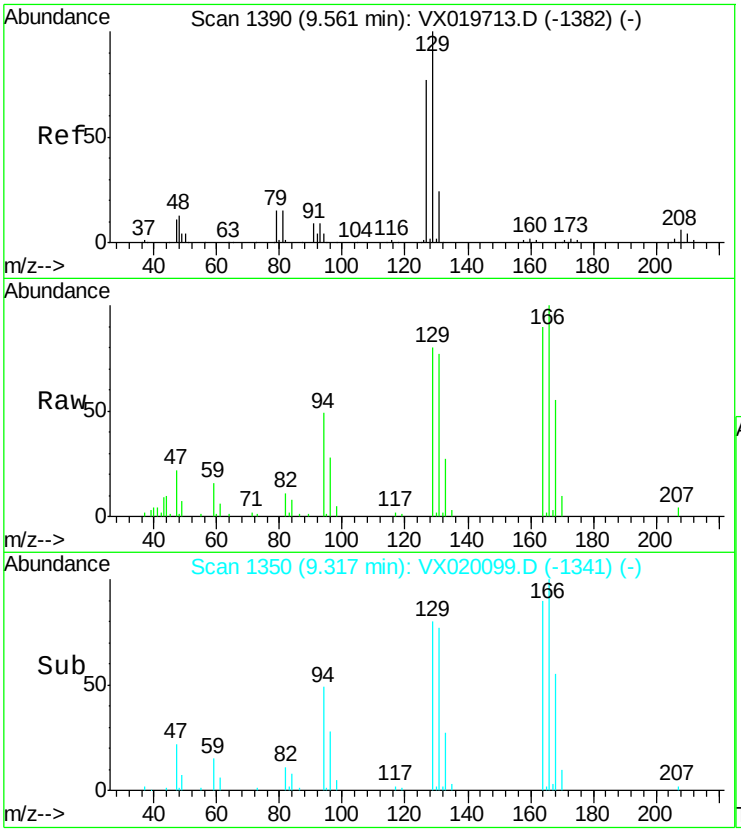


#59
2-Hexanone
Concen: 93.204 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.05 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 43 Resp: 317864

Ion	Ratio	Lower	Upper
43	100		
58	20.7	30.9	92.8#



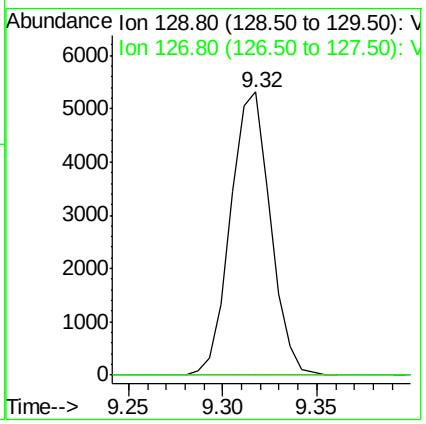


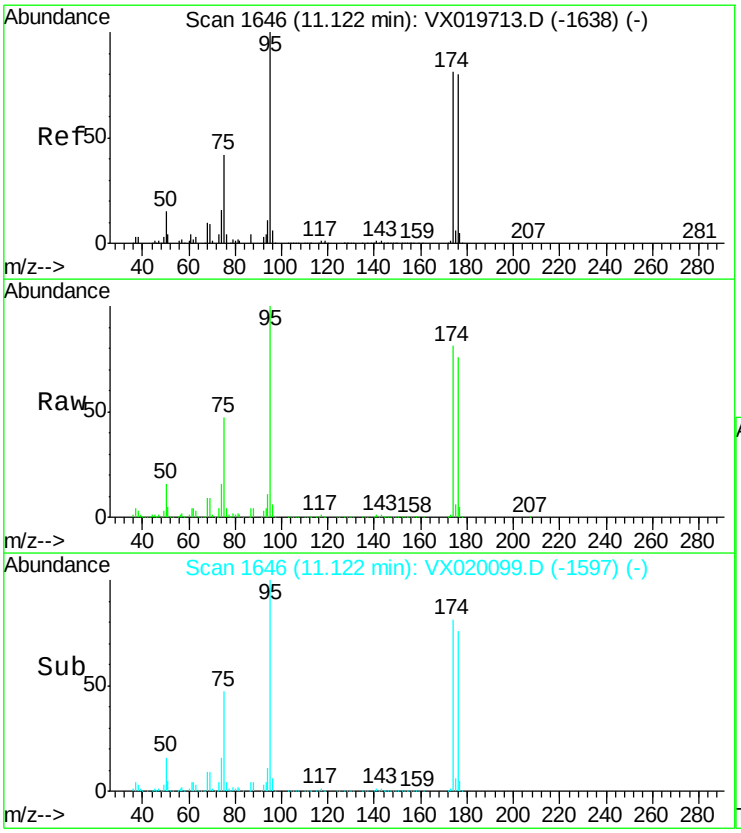
#60
Dibromochloromethane
Concen: 2.266 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:129 Resp: 7781

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

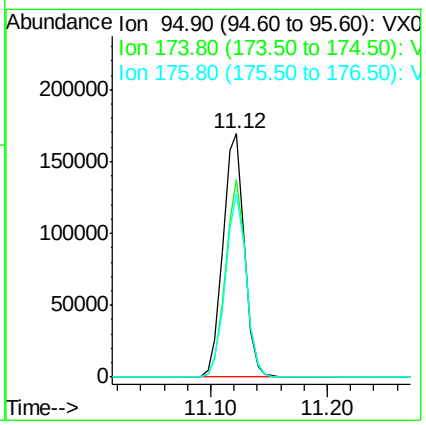


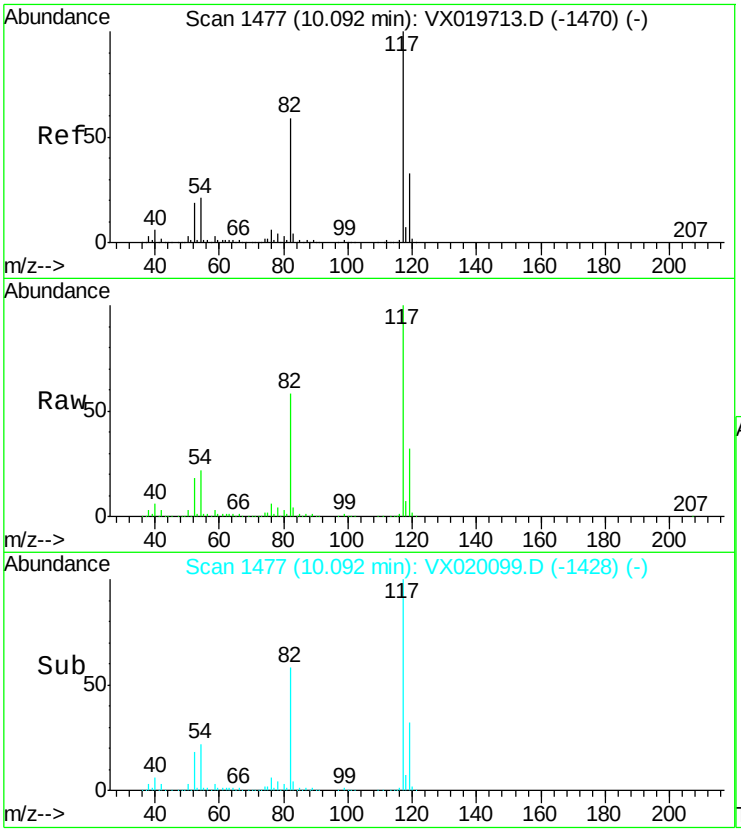


#62
4-Bromofluorobenzene
Concen: 46.989 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 95 Resp: 214388

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.6
176	73.8	0.0	155.8



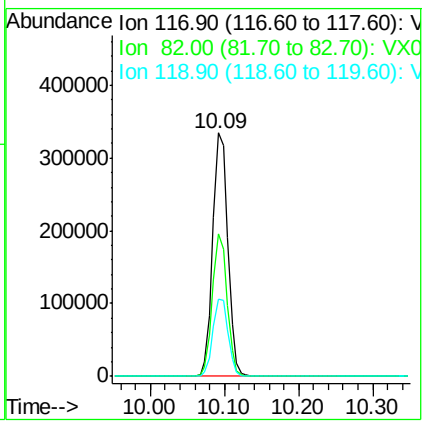


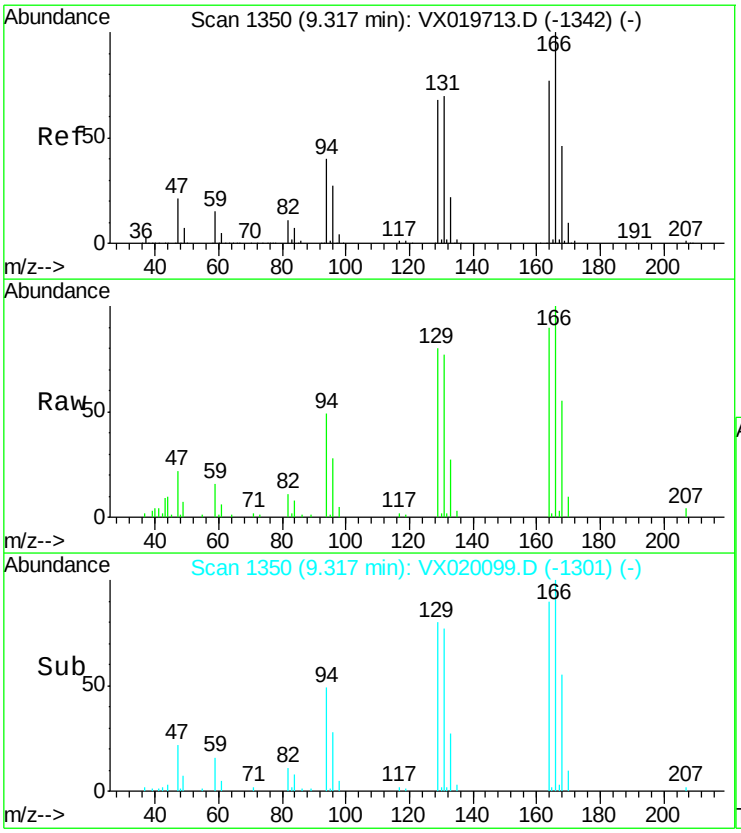
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument : MSVOA_X
ClientSampleId : SOIL-CUTTINGS

Tgt Ion:117 Resp: 464249

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	31.7	26.6	39.8

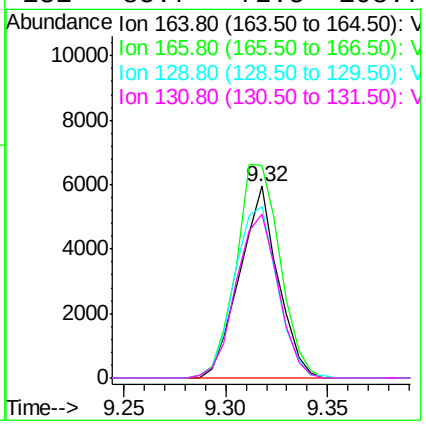


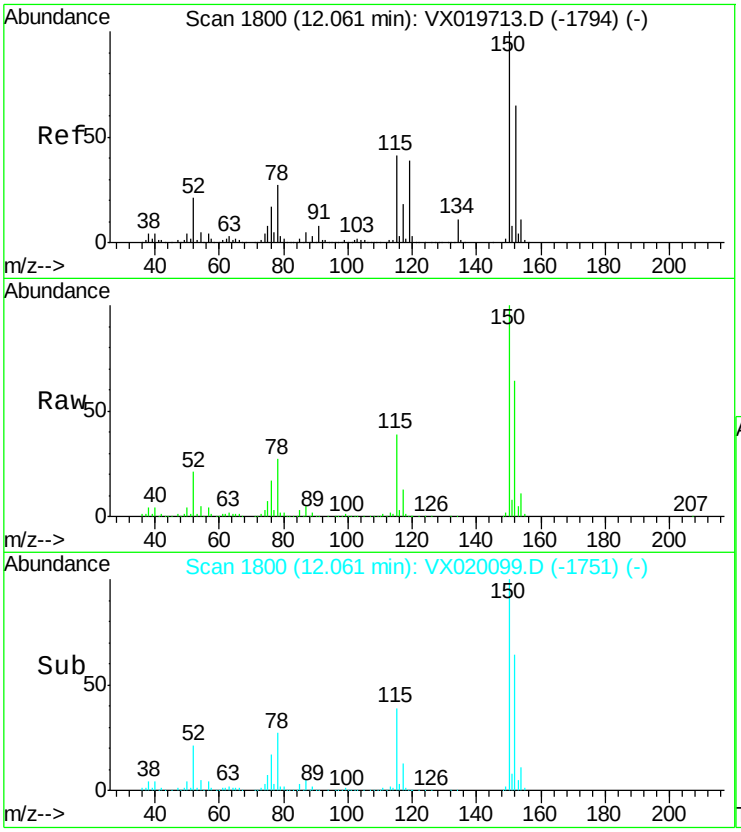


#64
Tetrachloroethene
Concen: 2.504 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion:164 Resp: 7796

Ion	Ratio	Lower	Upper
164	100		
166	110.8	103.4	155.2
129	89.2	70.8	106.2
131	85.7	72.5	108.7



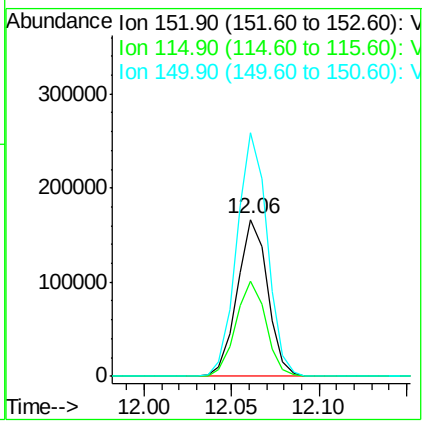


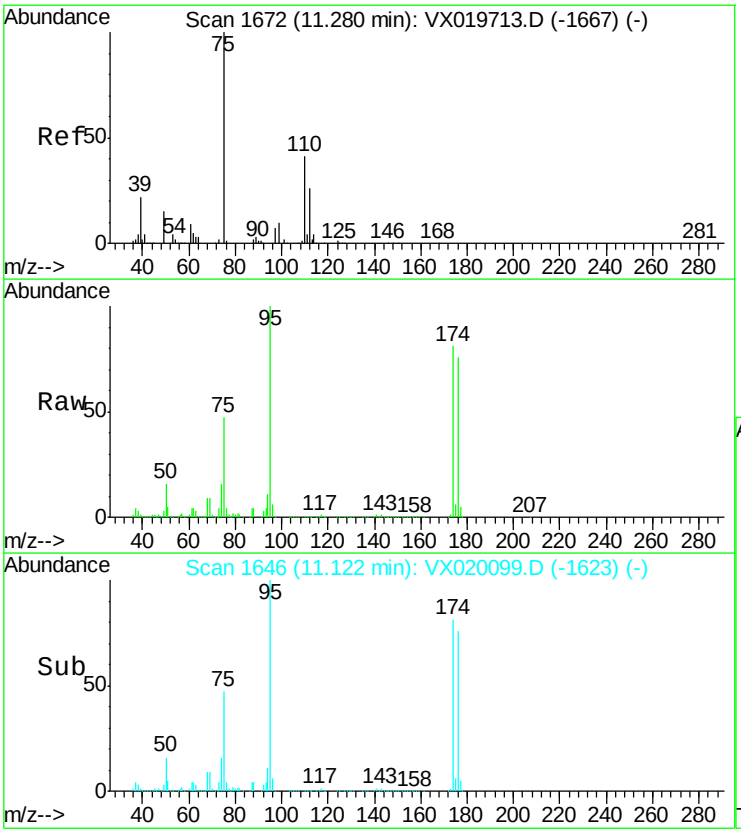
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:152 Resp: 200981

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	156.0	0.0	349.0

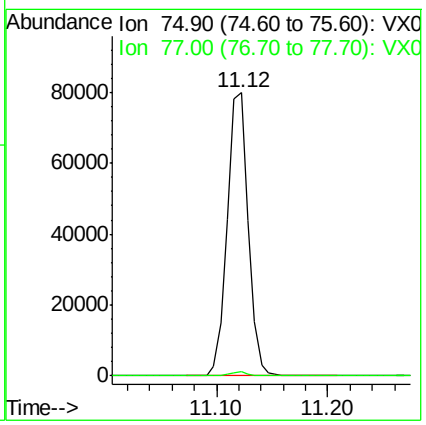


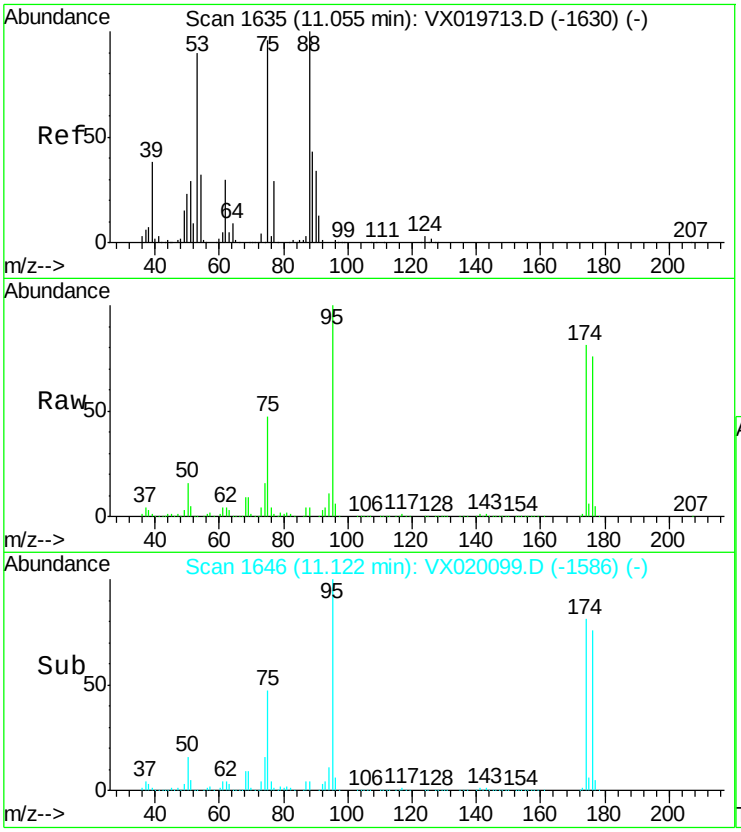


#76
1,2,3-Trichloropropane
Concen: 23.087 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Tgt Ion: 75 Resp: 104070

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.741 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX020099.D
Acq: 17 Dec 2020 05:08

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 75 Resp: 104070

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#