Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
Data File : VX014277.D
Acq On : 26 Dec 2019 18:17
Operator : JC/SP
Sample : K6420-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

Quant Time: Dec 27 06:04:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	533983	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	822739	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	742973	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328157	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	299075	49.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.84%				
35) Dibromofluoromethane	5.49	113	246176	49.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.44%				
50) Toluene-d8	8.71	98	980885	50.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.76%				
62) 4-Bromofluorobenzene	11.13	95	328533	46.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.32%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1845	0.288	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52916	10.483	ug/l		100
10) Methyl Iodide	2.52	142	857	2.743	ug/l	#	76
11) Tert butyl alcohol	3.02	59	3348	2.560	ug/l	#	92
15) Acrylonitrile	3.14	53	1129	0.370	ug/l	#	54
16) Acetone	2.43	43	29506	7.510	ug/l		100
17) Carbon Disulfide	2.57	76	1755	0.871	ug/l	#	76
18) Methyl Acetate	2.76	43	2346	0.301	ug/l	#	79
20) Methylene Chloride	2.85	84	2614	0.422	ug/l	#	60
25) 2-Butanone	4.69	43	1608	0.332	ug/l	#	59
27) cis-1,2-Dichloroethene	4.60	96	1348	0.211	ug/l		94
28) Bromochloromethane	4.99	49	886	0.678	ug/l	#	42
29) Tetrahydrofuran	5.26	42	804	0.297	ug/l		93
36) 1,1-Dichloropropene	5.65	75	35670	4.725	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	45982	6.686	ug/l	#	16
42) 1,2-Dichloroethane	6.19	62	1604	0.204	ug/l		86
44) Trichloroethene	7.21	130	90711	14.139	ug/l		96
49) 1,4-Dioxane	7.72	88	580	4.219	ug/l	#	64
51) 4-Methyl-2-Pentanone	8.64	43	2580	0.298	ug/l	#	73
60) Dibromochloromethane	9.33	129	54172	9.262	ug/l	#	12
64) Tetrachloroethene	9.33	164	60698	9.232	ug/l		96
67) Ethyl Benzene	10.25	91	10265	0.378	ug/l		94
68) m/p-Xylenes	10.35	106	7839	0.750	ug/l		89
69) o-Xylene	10.69	106	4378	0.427	ug/l		95
70) Styrene	10.71	104	17403	1.005	ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	157939	22.169	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	157939	62.573	ug/l	#	12
84) 1,2,4-Trimethylbenzene	11.81	105	5420	0.278	ug/l		83
95) Naphthalene	13.83	128	5077	0.237	ug/l	#	77

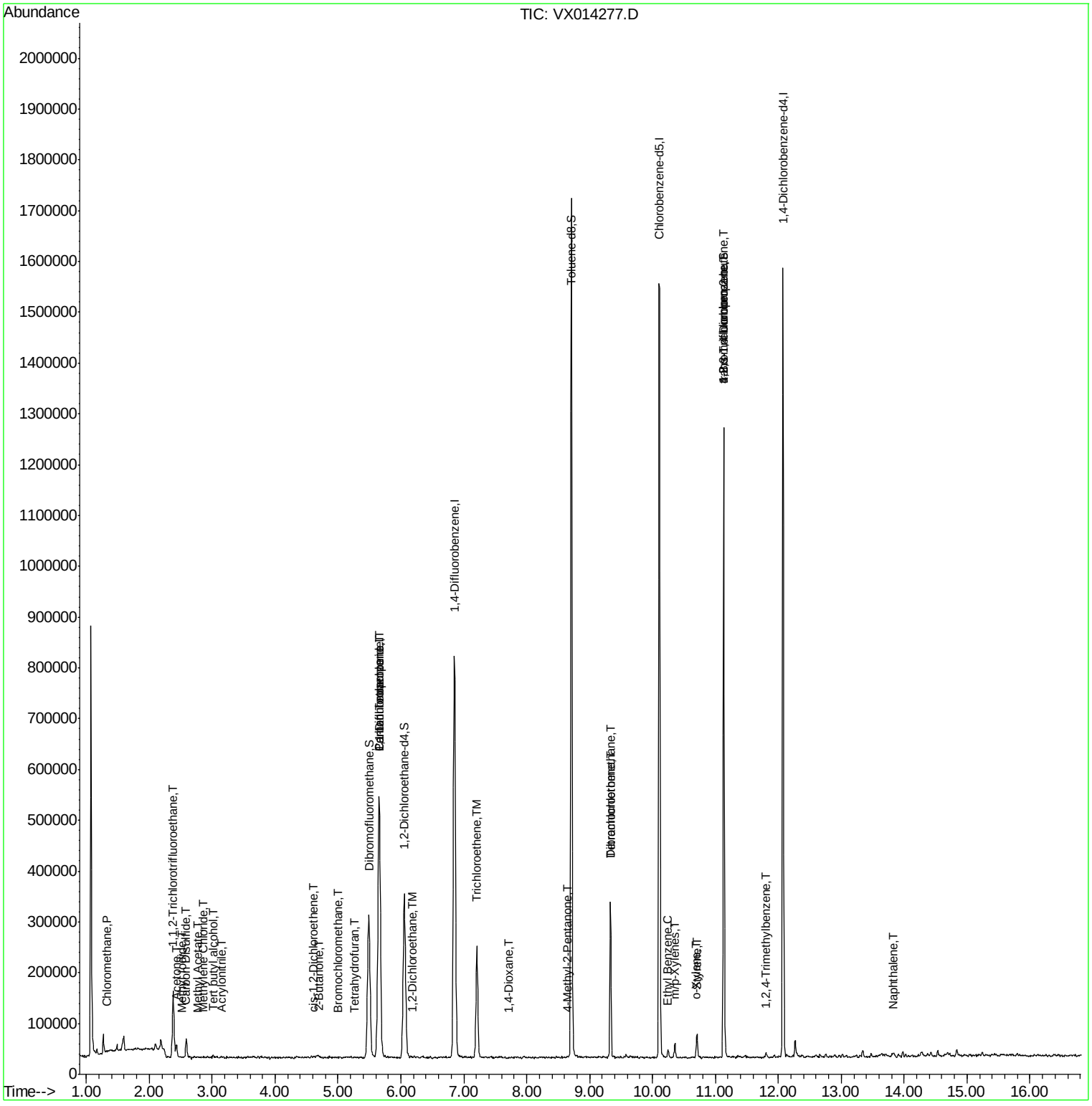
(#) = qualifier out of range (m) = manual integration (+) = signals summed

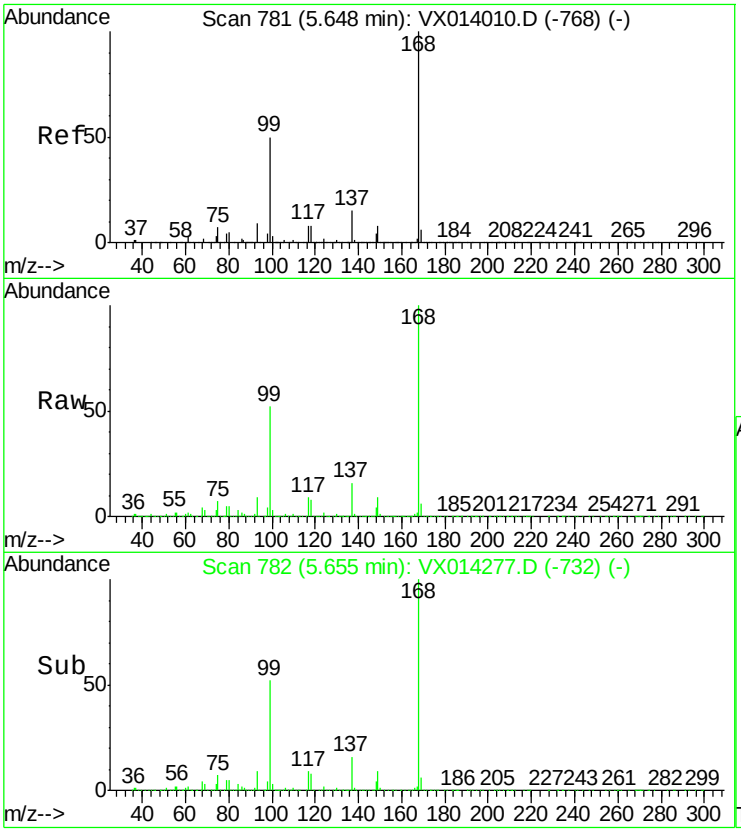
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
Data File : VX014277.D
Acq On : 26 Dec 2019 18:17
Operator : JC/SP
Sample : K6420-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Dec 27 06:04:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



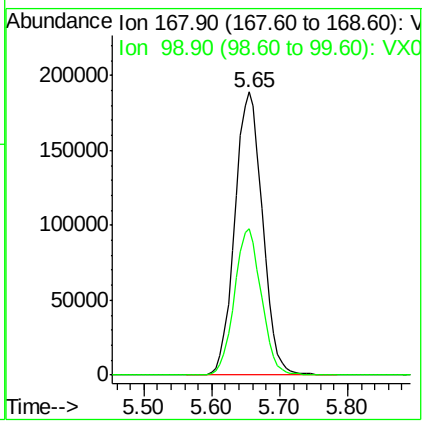


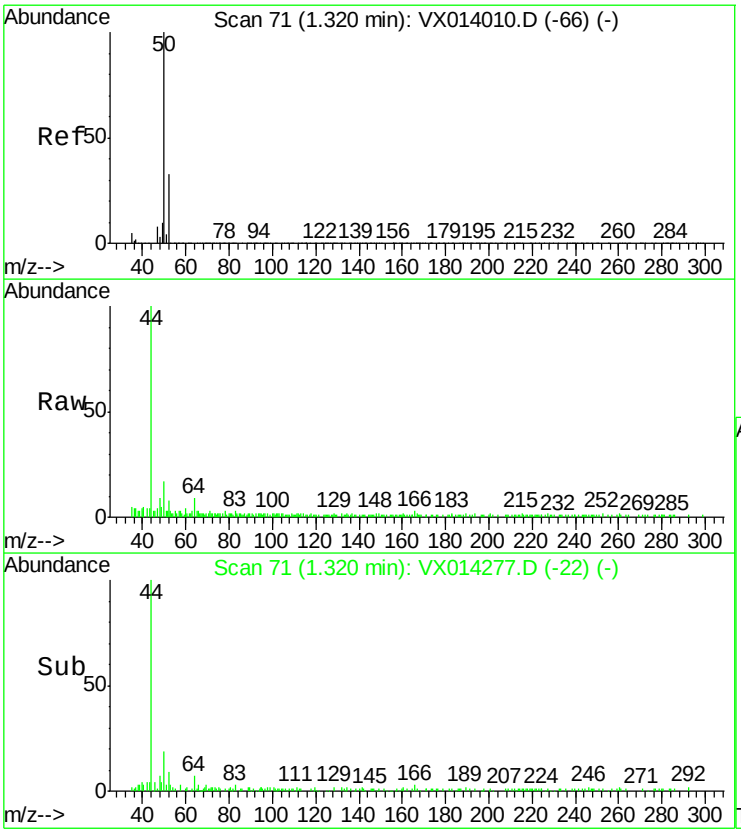
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion:168 Resp: 533983

Ion	Ratio	Lower	Upper
168	100		
99	51.8	40.3	60.5

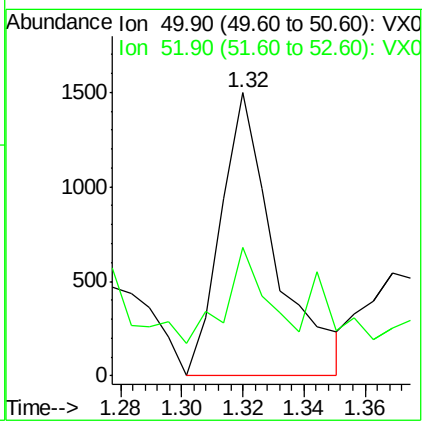


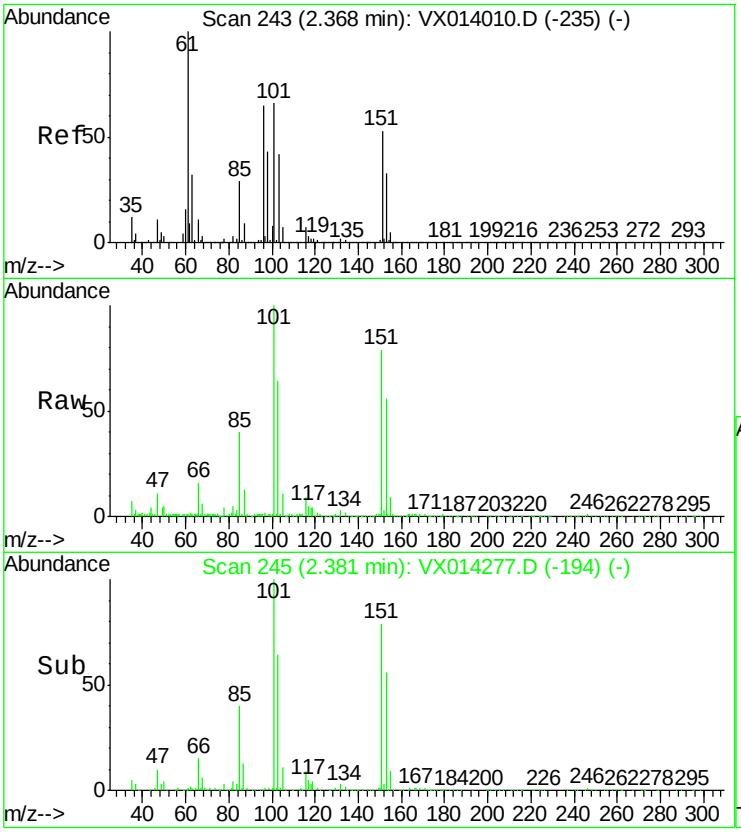


#3
Chloromethane
Concen: 0.288 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 50 Resp: 1845

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.2	39.4



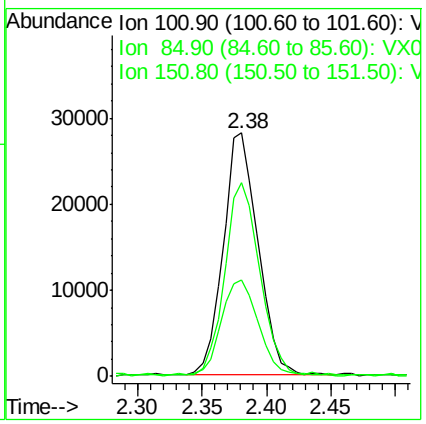


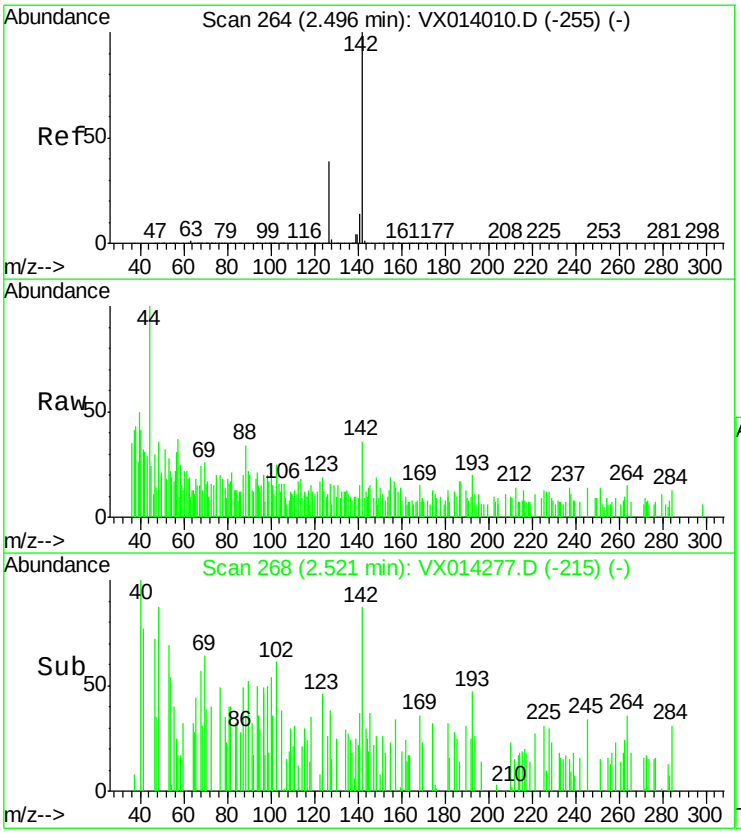
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.483 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:101 Resp: 52916

Ion	Ratio	Lower	Upper
101	100		
85	42.5	33.7	50.5
151	80.8	64.5	96.7

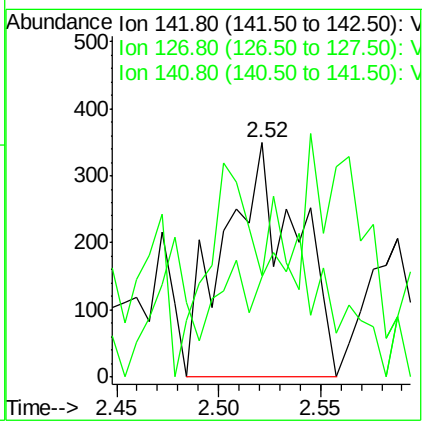


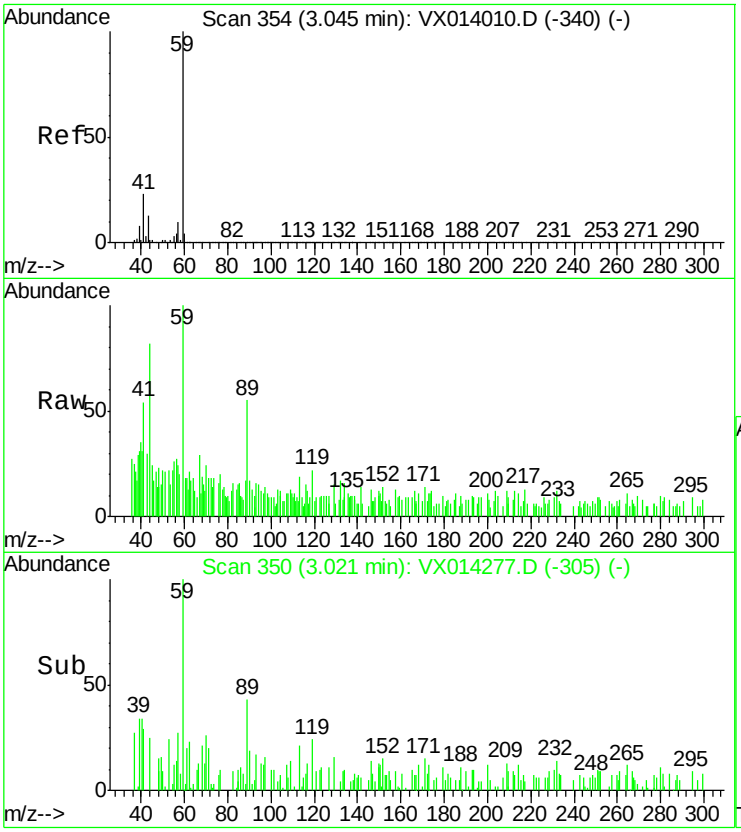


#10
Methyl Iodide
Concen: 2.743 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.02 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion:142 Resp: 857

Ion	Ratio	Lower	Upper
142	100		
127	58.7	31.6	47.4#
141	15.9	11.6	17.4



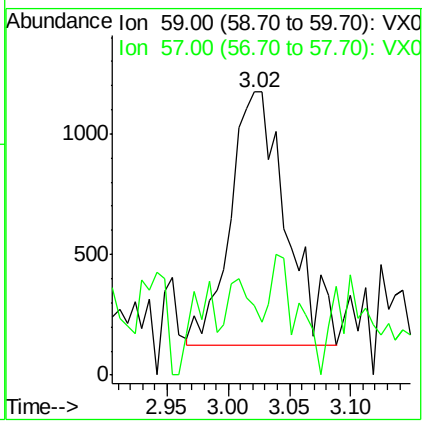


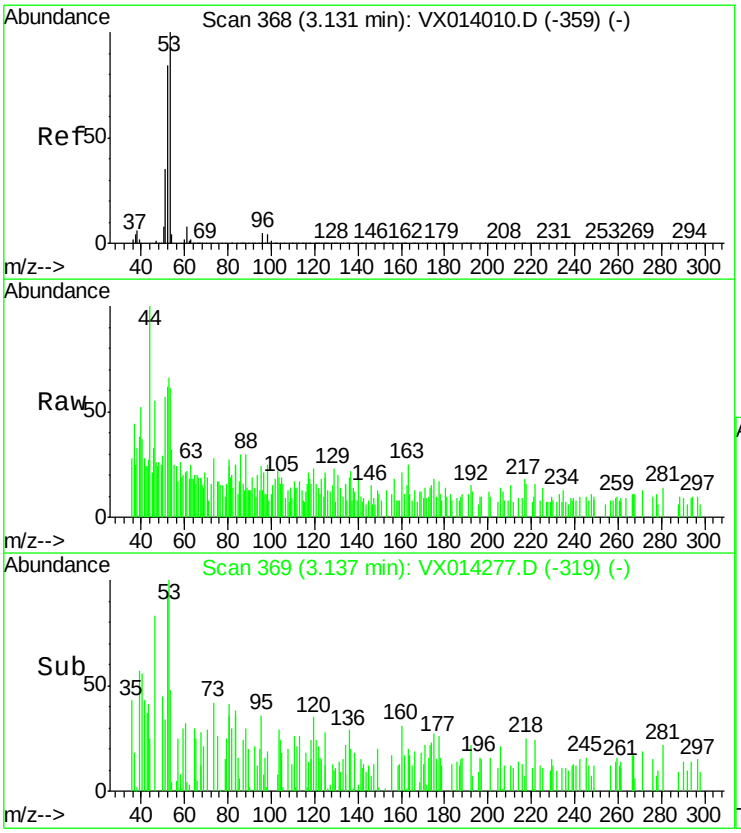
#11
Tert butyl alcohol
Concen: 2.560 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 59 Resp: 3348

Ion	Ratio	Lower	Upper
59	100		
57	13.5	8.4	12.6#

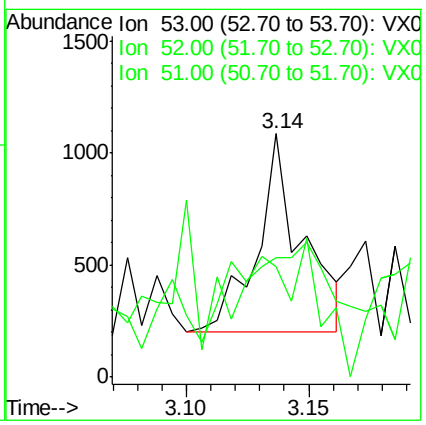


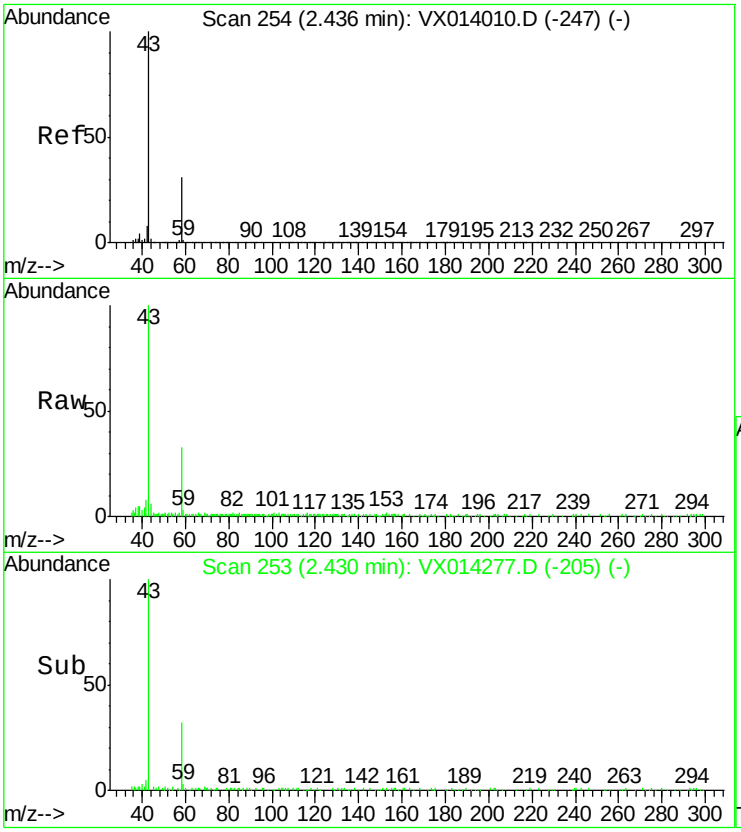


#15
Acrylonitrile
Concen: 0.370 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 53 Resp: 1129

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.5	99.7
51	122.7	28.1	42.1#



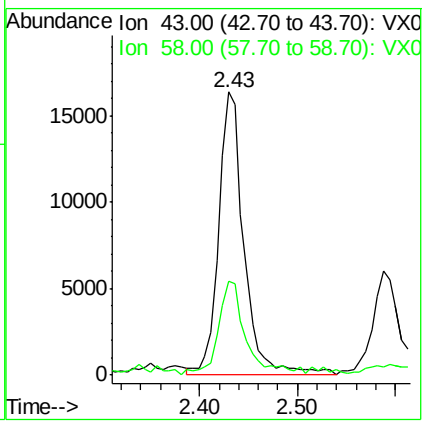


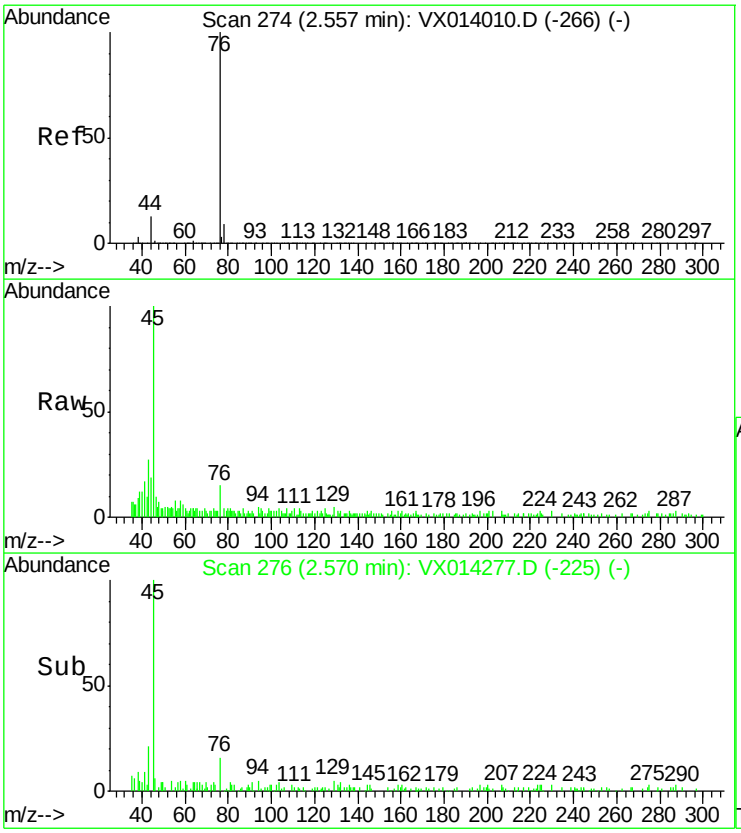
#16
Acetone
Concen: 7.510 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 43 Resp: 29506

Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.9	37.3

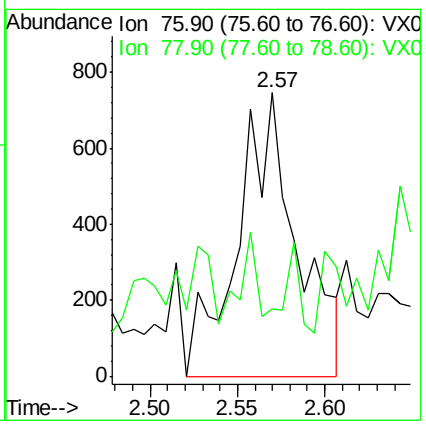


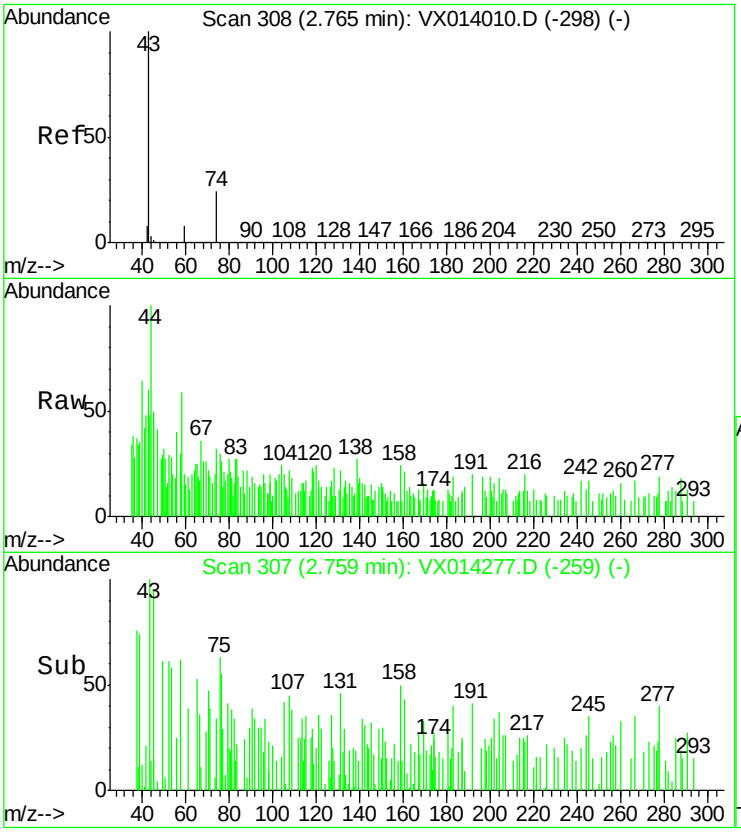


#17
Carbon Disulfide
Concen: 0.871 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 76 Resp: 1755

Ion	Ratio	Lower	Upper
76	100		
78	0.4	7.2	10.8#



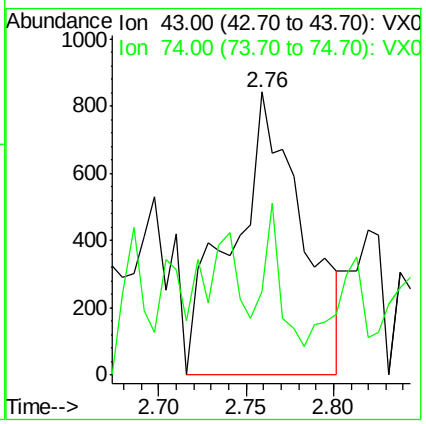


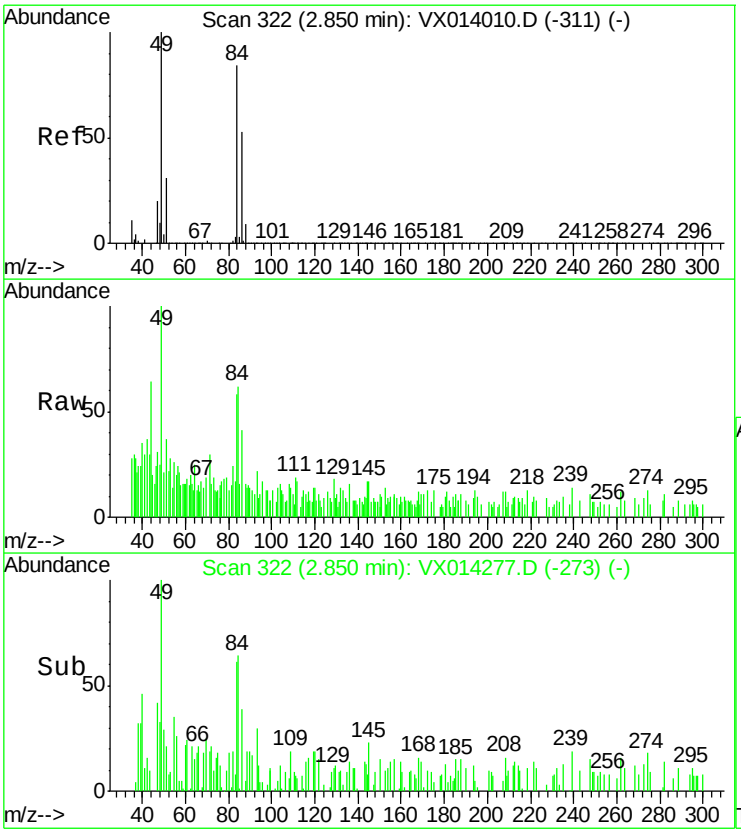
#18
Methyl Acetate
Concen: 0.301 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 43 Resp: 2346

Ion	Ratio	Lower	Upper
43	100		
74	13.8	19.5	29.3#

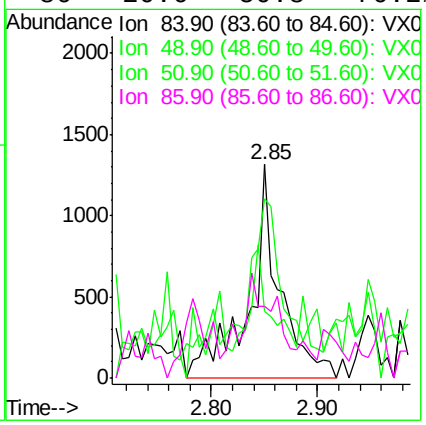


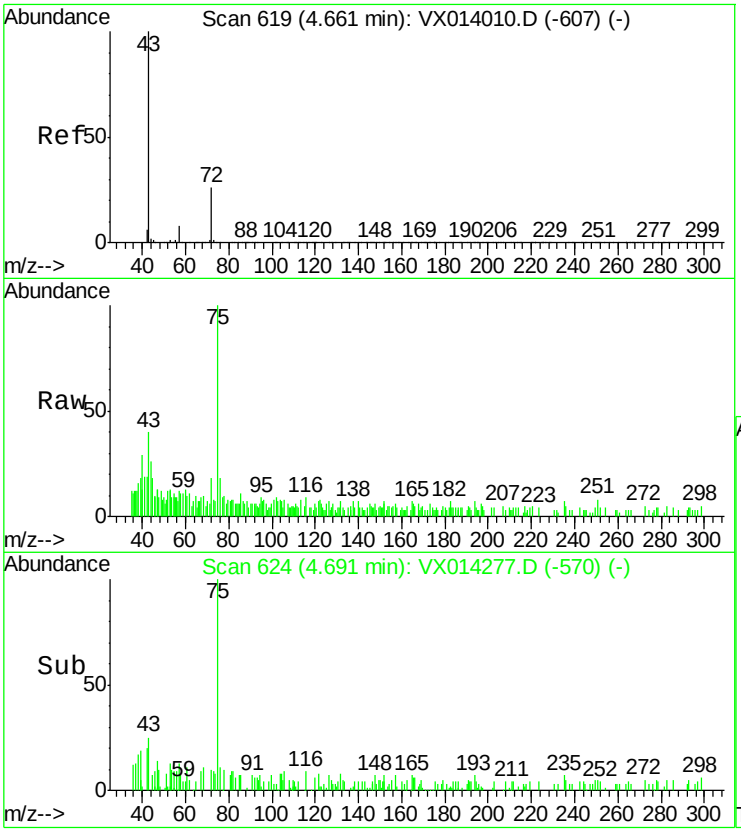


#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 84 Resp: 2614

Ion	Ratio	Lower	Upper
84	100		
49	80.1	95.8	143.6#
51	22.0	29.8	44.8#
86	20.6	50.8	76.2#



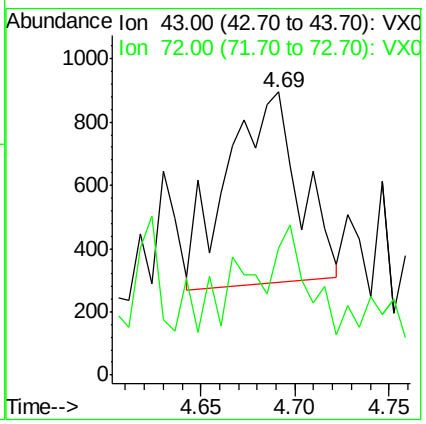


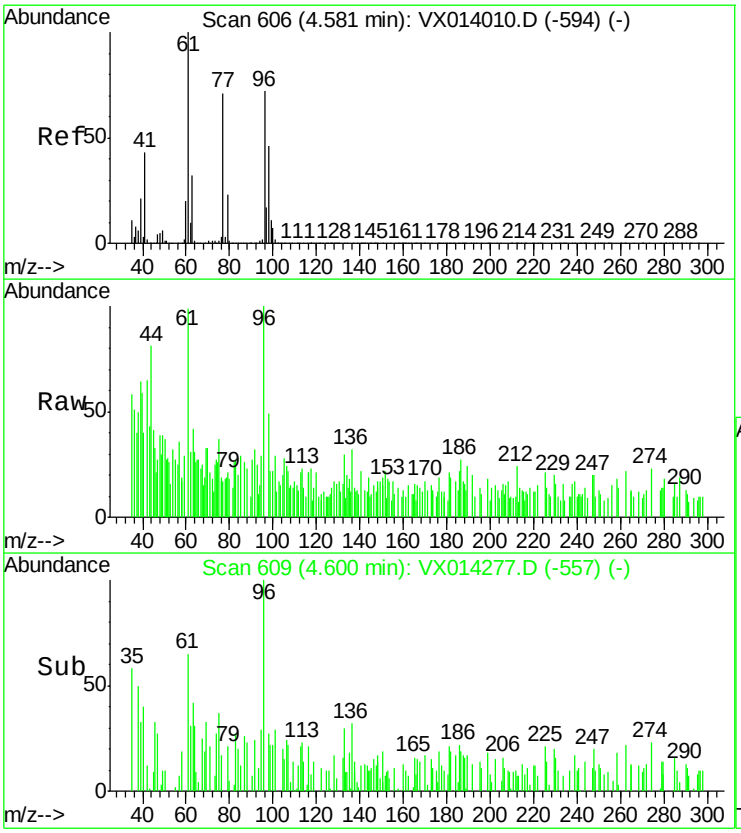
#25
2-Butanone
Concen: 0.332 ug/l
RT: 4.69 min Scan# 624
Delta R.T. 0.03 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 43 Resp: 1608

Ion	Ratio	Lower	Upper
43	100		
72	47.2	21.0	31.4#

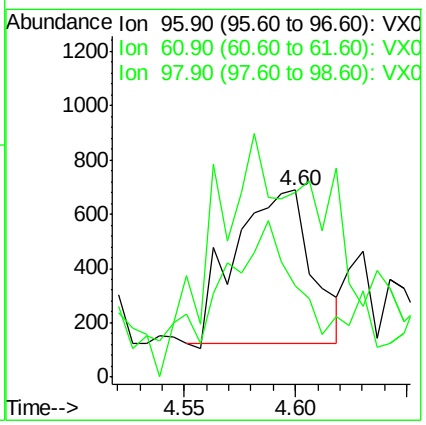


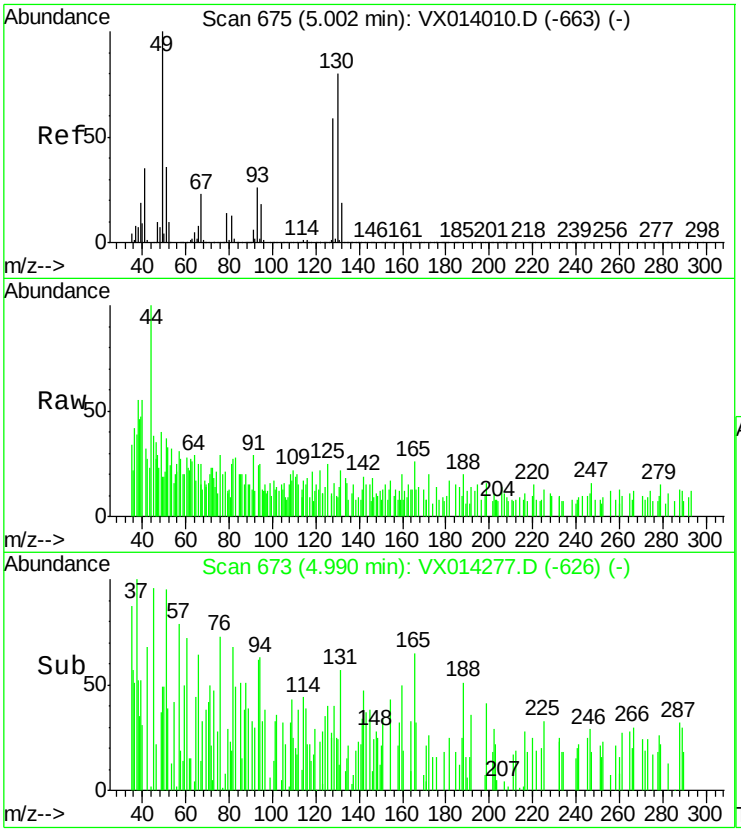


#27
cis-1,2-Dichloroethene
Concen: 0.211 ug/l
RT: 4.60 min Scan# 609
Delta R.T. 0.02 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 96 Resp: 1348

Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	288.4
98	62.5	0.0	129.6



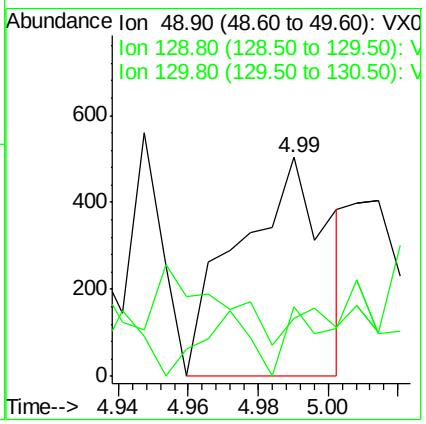


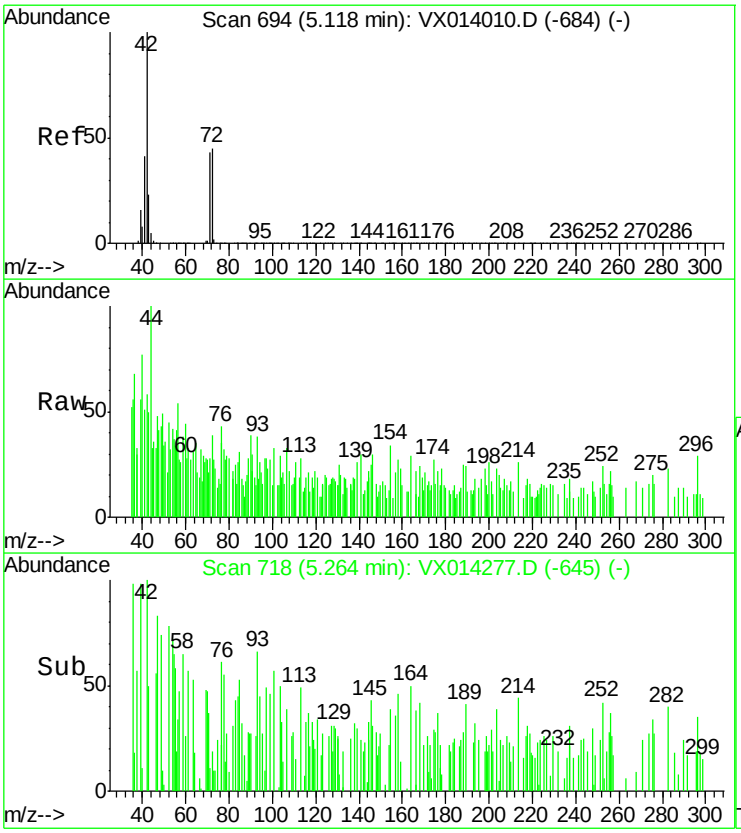
#28
Bromochloromethane
Concen: 0.678 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion: 49 Resp: 886

Ion	Ratio	Lower	Upper
49	100		
129	7.9	0.0	5.0#
130	28.4	64.6	97.0#

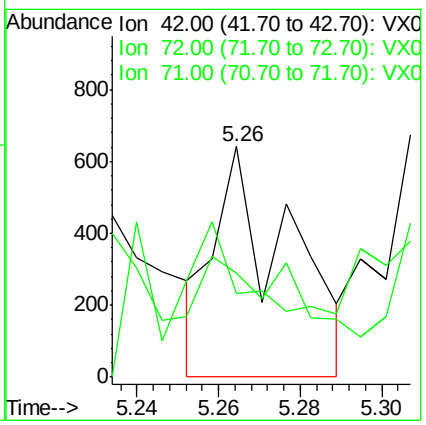


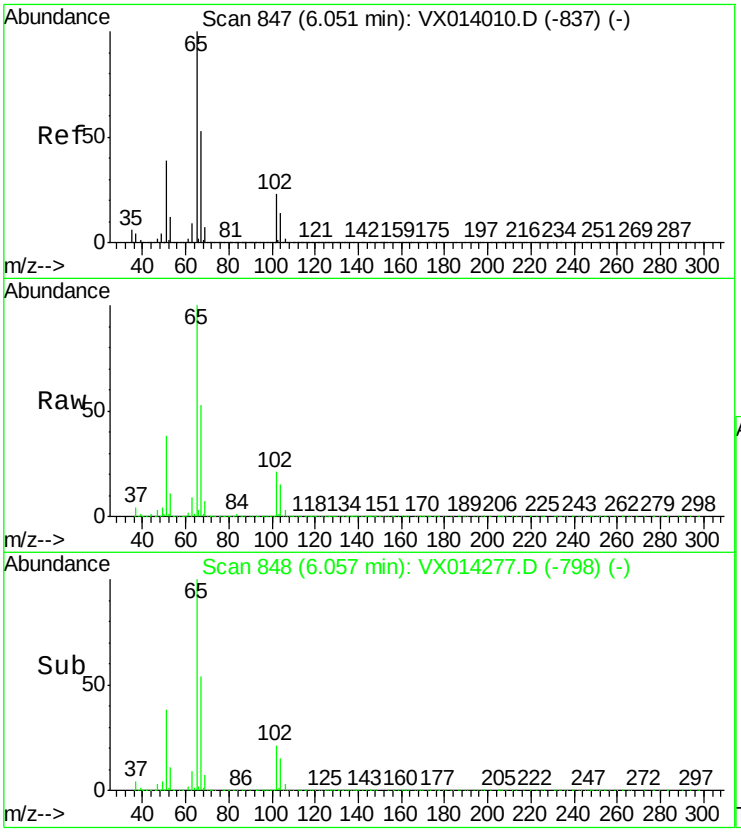


#29
Tetrahydrofuran
Concen: 0.297 ug/l
RT: 5.26 min Scan# 718
Delta R.T. 0.15 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 42 Resp: 804

Ion	Ratio	Lower	Upper
42	100		
72	38.4	35.8	53.8
71	40.0	33.6	50.4



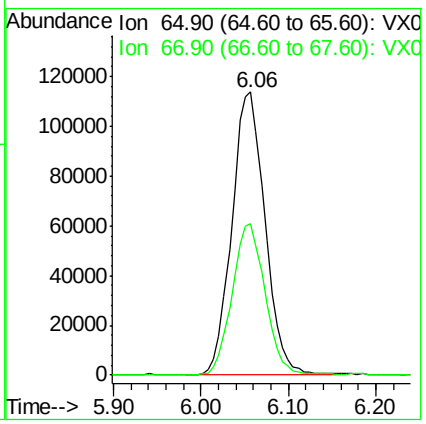


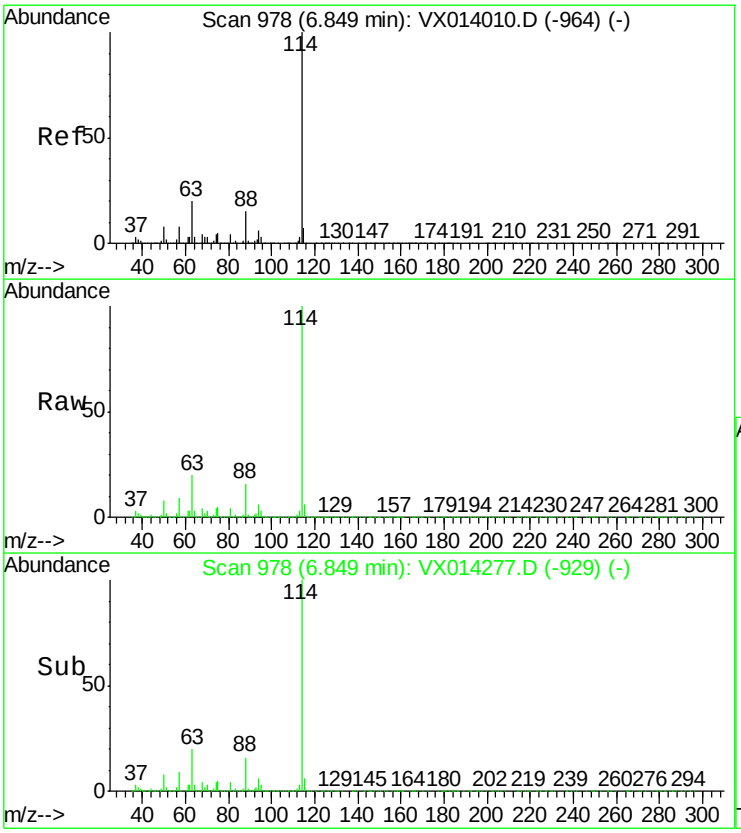
#33
1,2-Dichloroethane-d4
Concen: 49.418 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 65 Resp: 299075

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.4

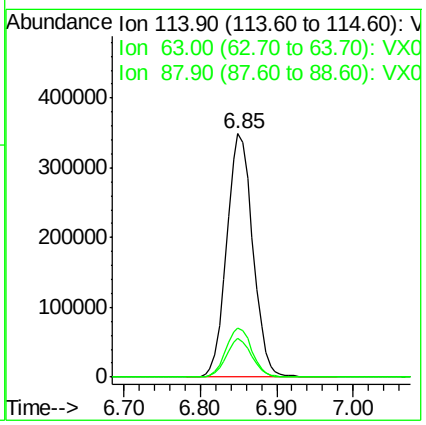


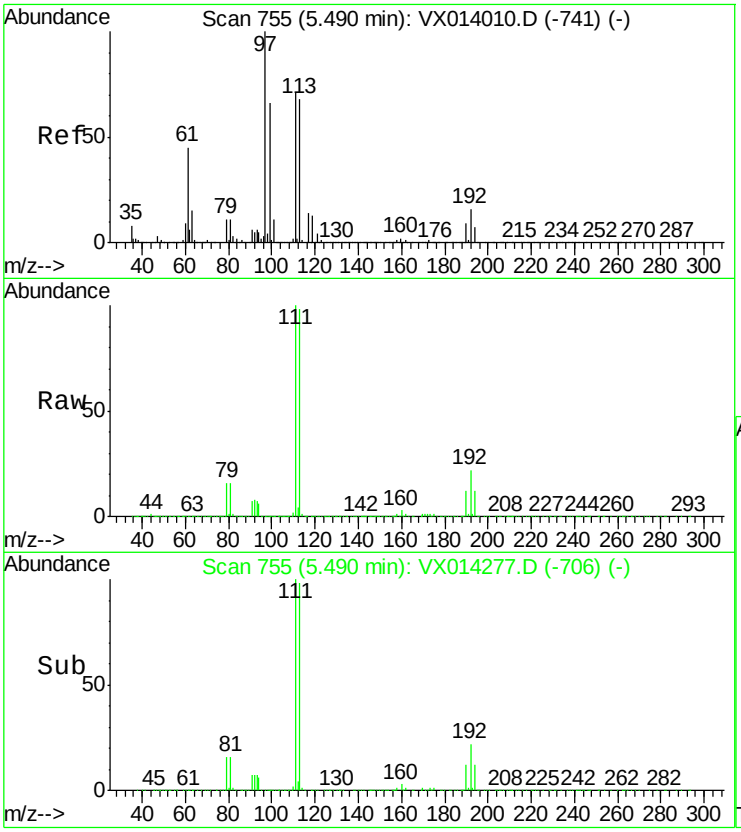


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion:114 Resp: 822739

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	15.9	0.0	30.4



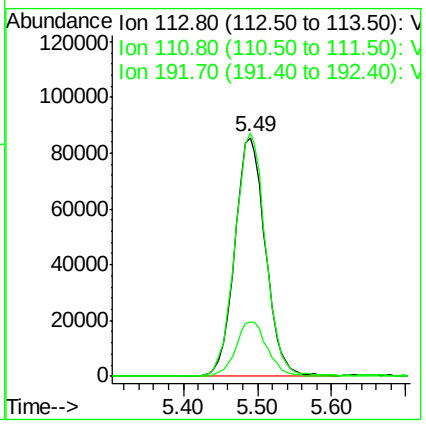


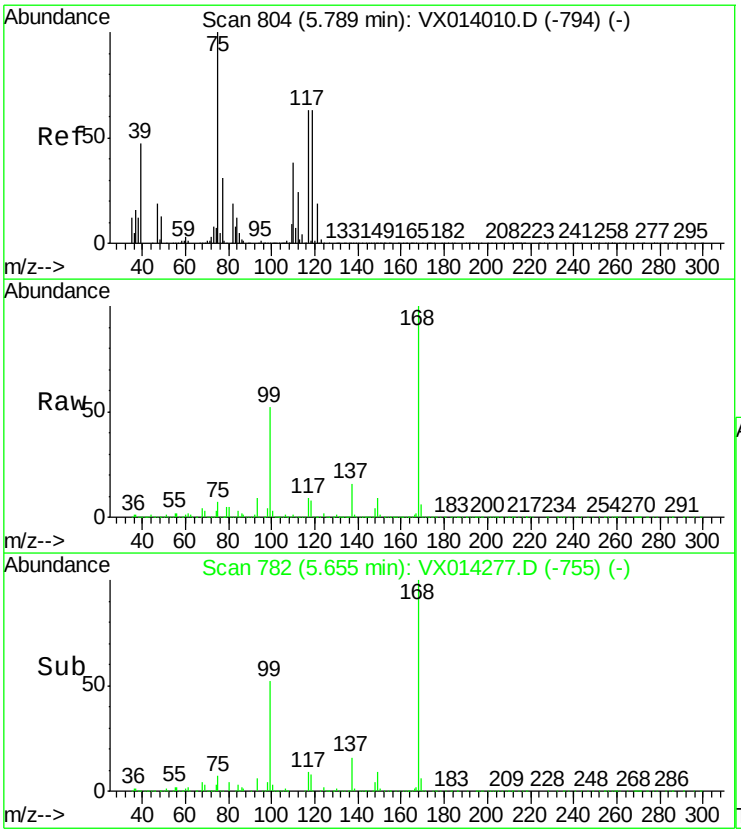
#35
Dibromofluoromethane
Concen: 49.222 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:113 Resp: 246176

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.1	19.3	28.9

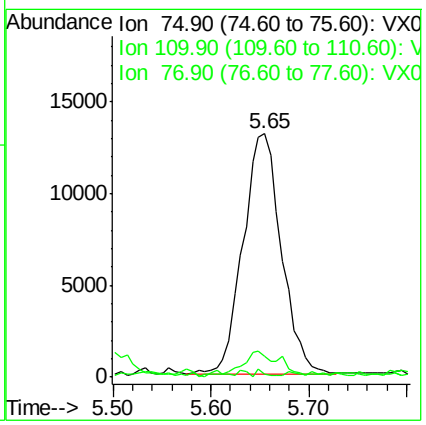


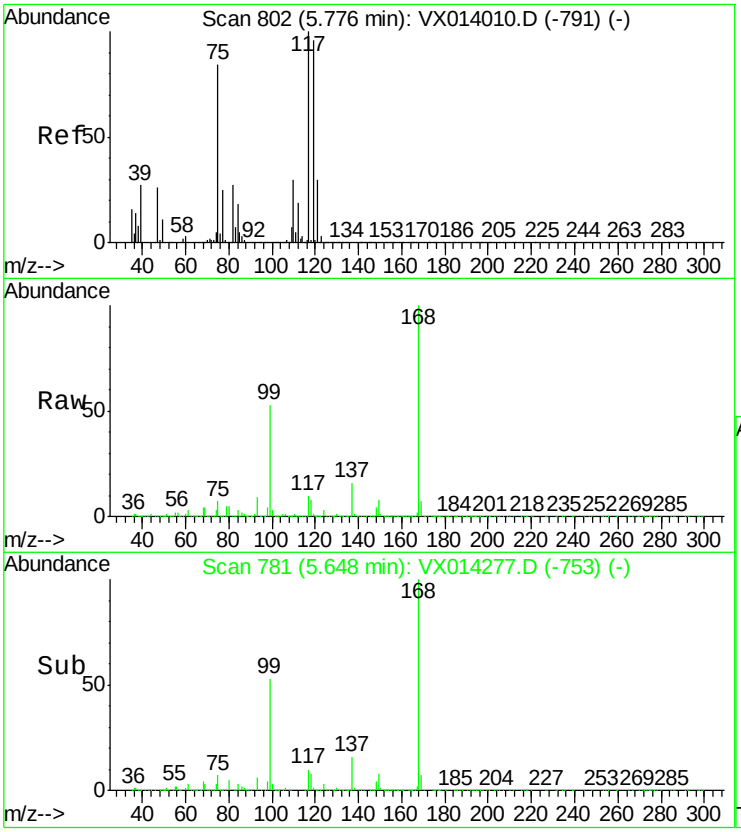


#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 75 Resp: 35670

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.3	54.9#
77	0.7	24.8	37.2#



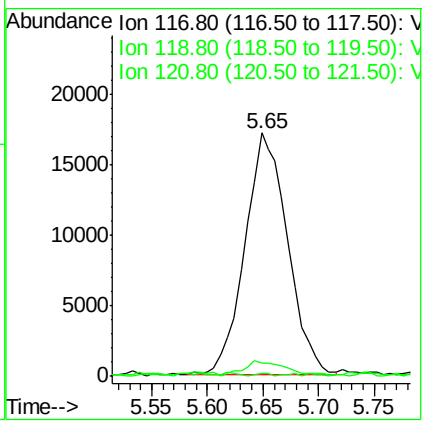


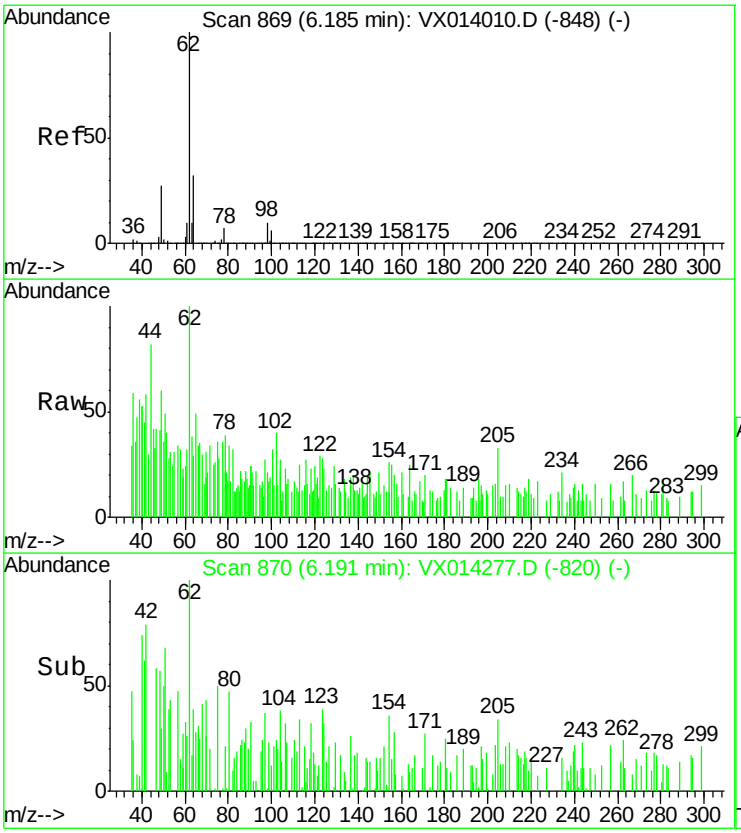
#38
Carbon Tetrachloride
Concen: 6.686 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion:117 Resp: 45982

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.2	114.4#
121	0.5	23.6	35.4#

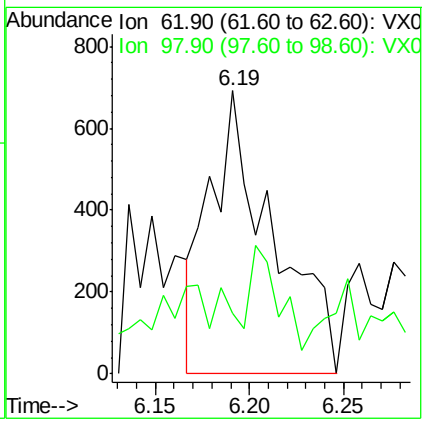


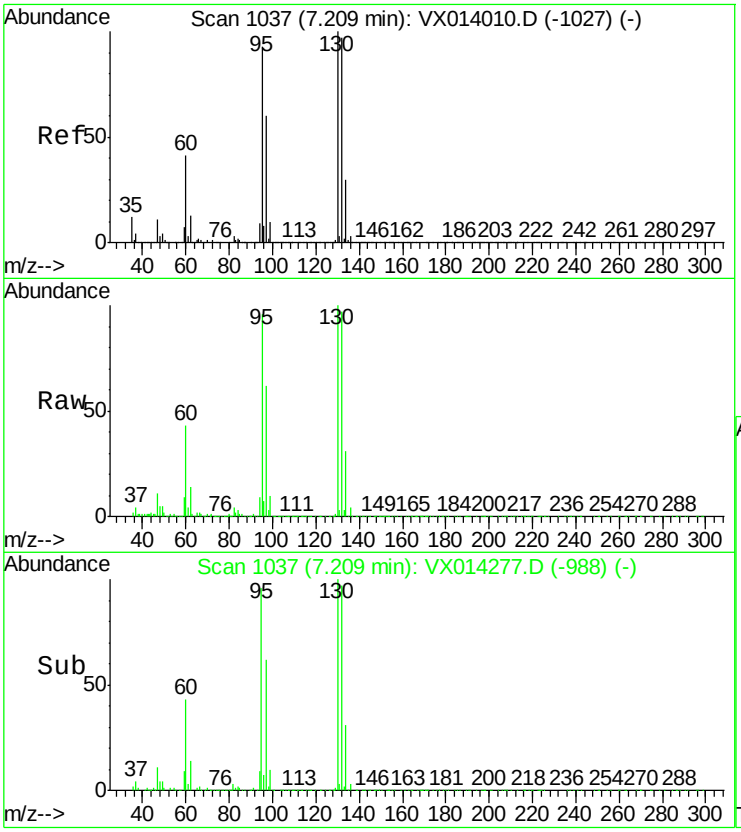


#42
1,2-Dichloroethane
Concen: 0.204 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 62 Resp: 1604

Ion	Ratio	Lower	Upper
62	100		
98	15.6	0.0	21.0



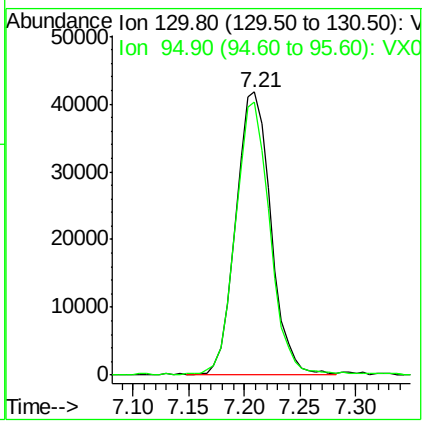


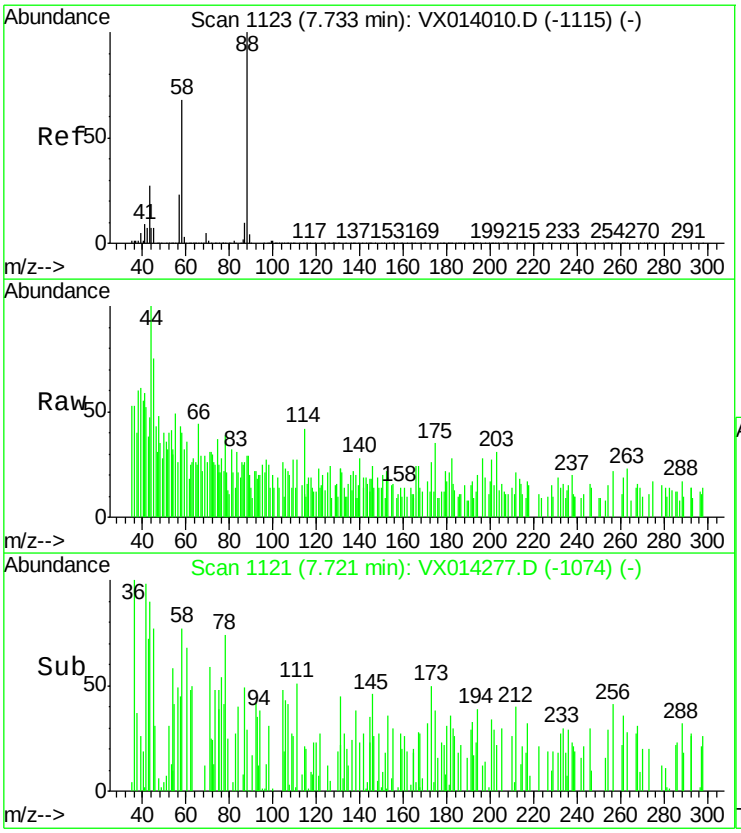
#44
Trichloroethene
Concen: 14.139 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion:130 Resp: 90711

Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	185.6

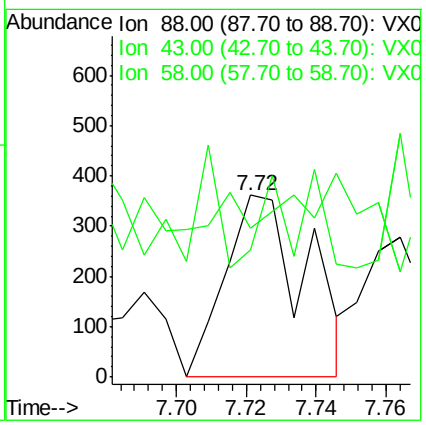


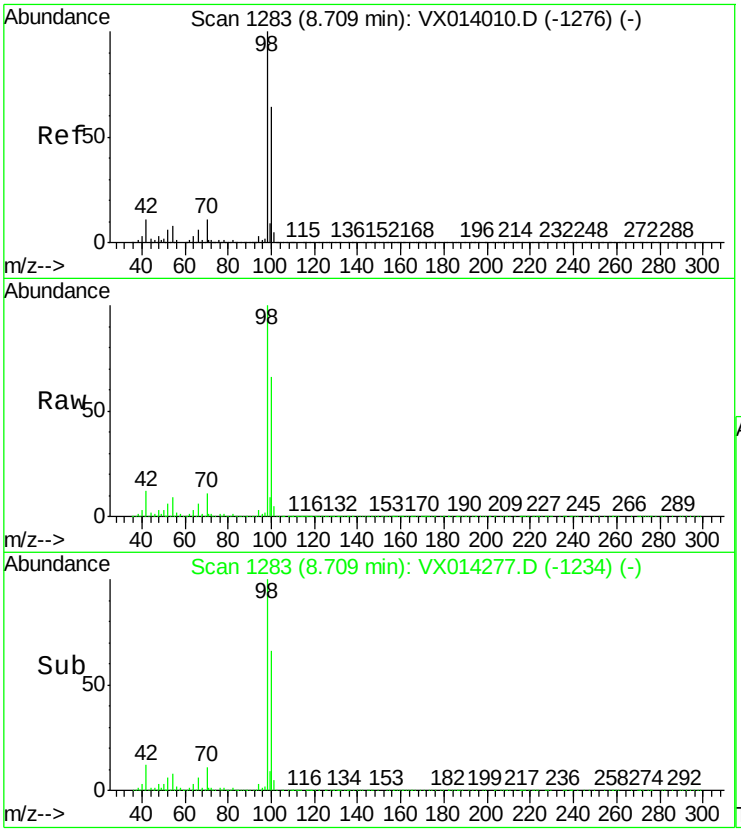


#49
1,4-Dioxane
Concen: 4.219 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 88 Resp: 580

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	50.3	56.8	85.2#



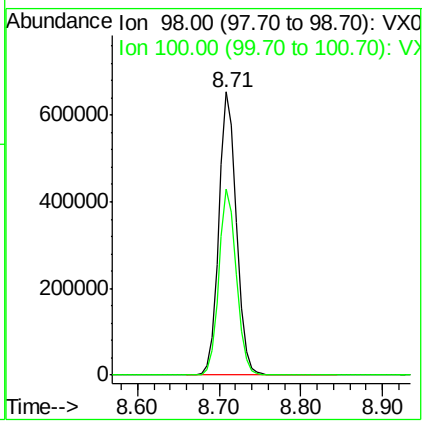


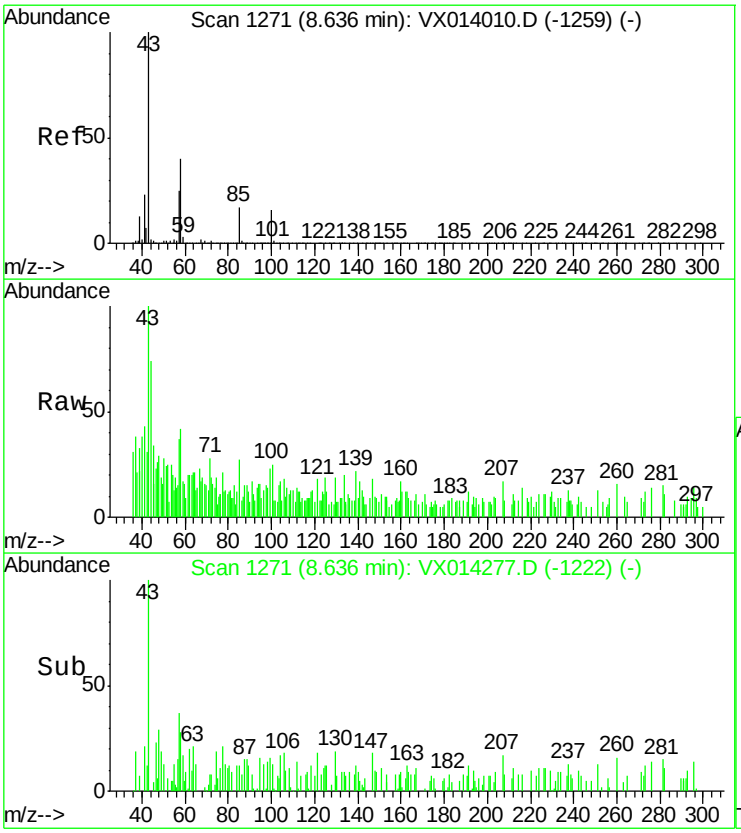
#50
Toluene-d8
Concen: 50.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion: 98 Resp: 980885

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3

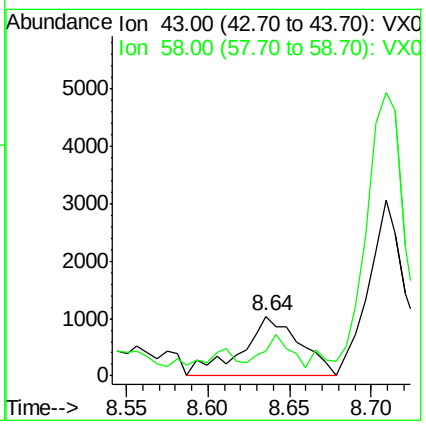


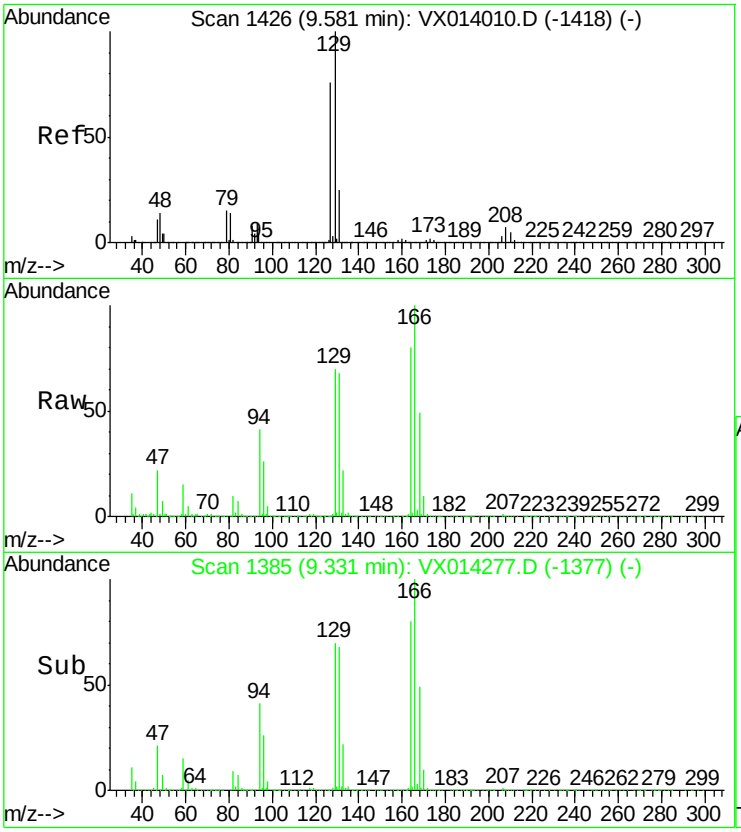


#51
4-Methyl-2-Pentanone
Concen: 0.298 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 43 Resp: 2580

Ion	Ratio	Lower	Upper
43	100		
58	23.5	32.2	48.2#



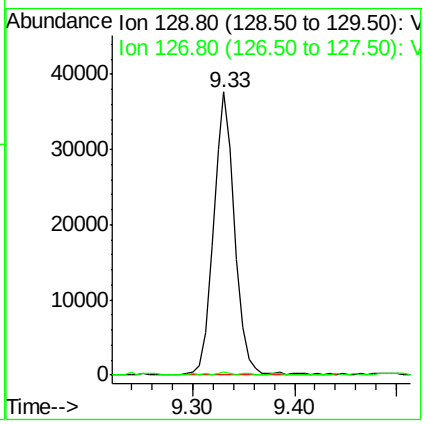


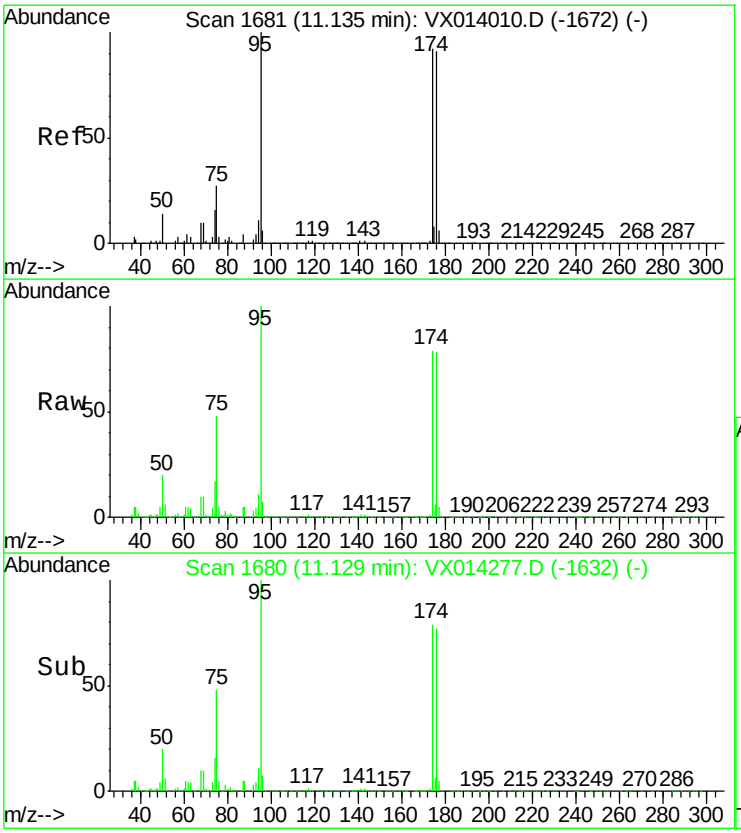
#60
Dibromochloromethane
Concen: 9.262 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion:129 Resp: 54172

Ion	Ratio	Lower	Upper
129	100		
127	0.5	38.4	115.2#

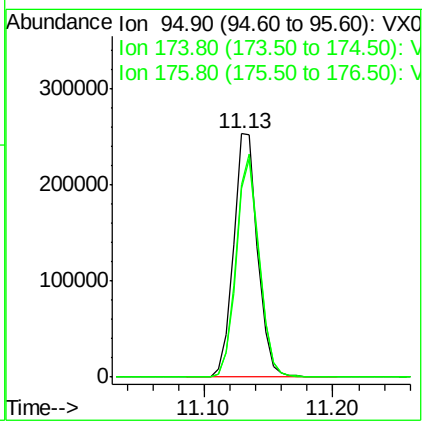


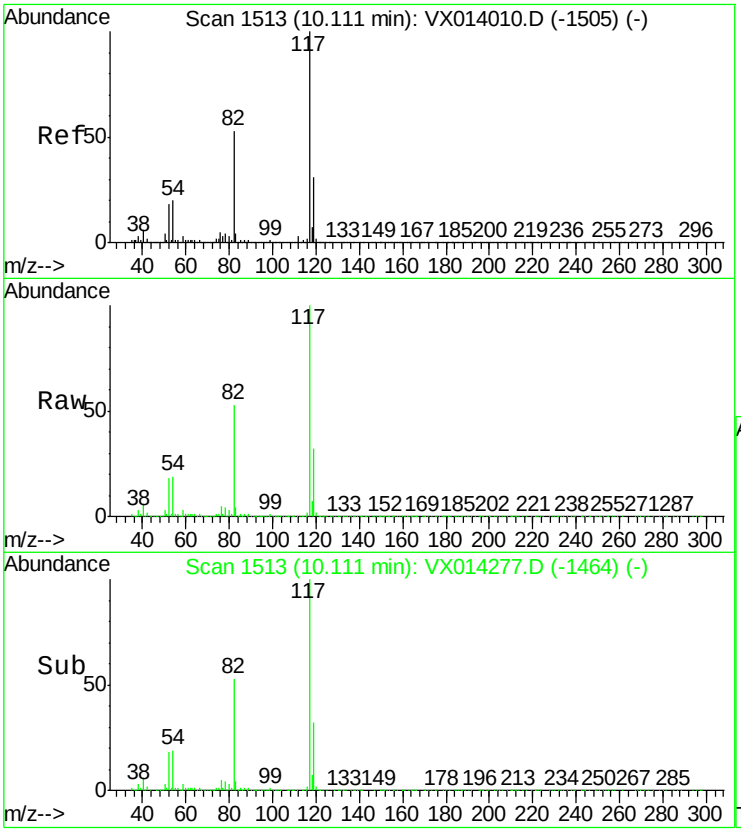


#62
4-Bromofluorobenzene
Concen: 46.157 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 95 Resp: 328533

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	175.8
176	85.4	0.0	173.0



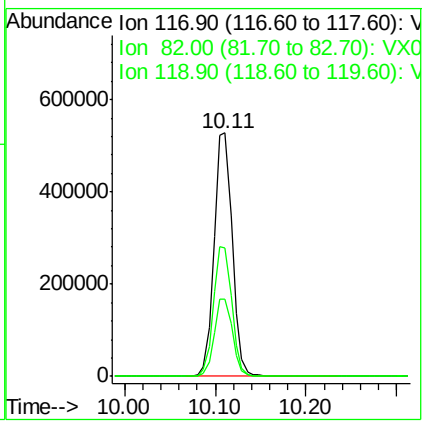


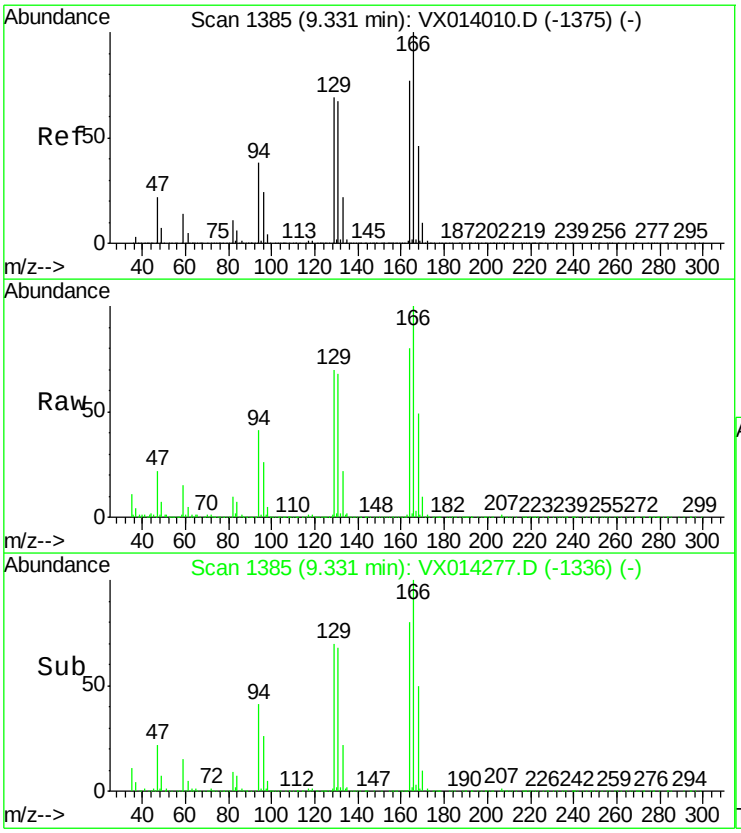
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument : MSVOA_X
ClientSampleId : MW-3

Tgt Ion:117 Resp: 742973

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	31.7	25.1	37.7

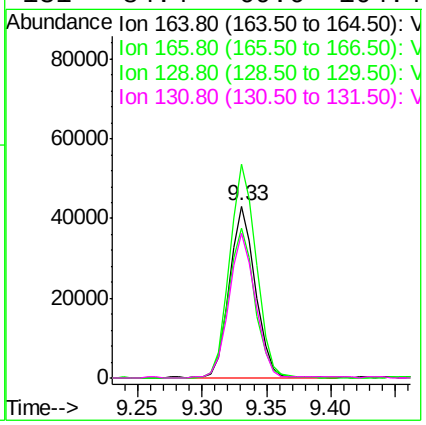


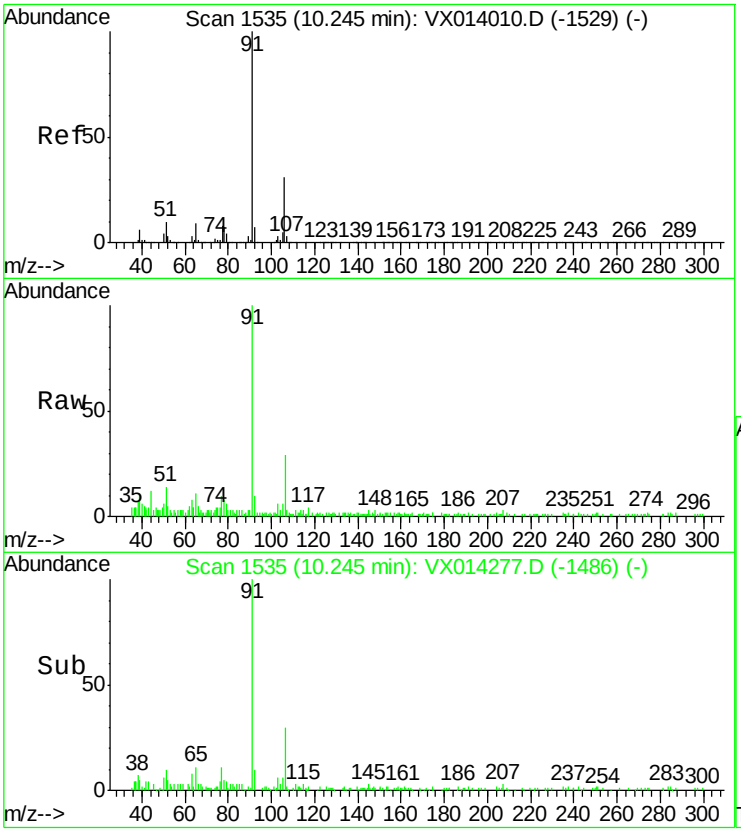


#64
Tetrachloroethene
Concen: 9.232 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion:164 Resp: 60698

Ion	Ratio	Lower	Upper
164	100		
166	124.4	104.0	156.0
129	87.4	72.2	108.4
131	84.4	69.6	104.4



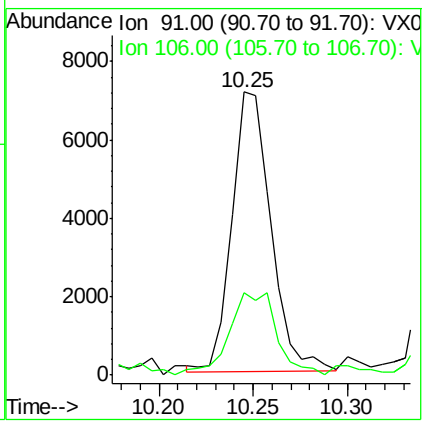


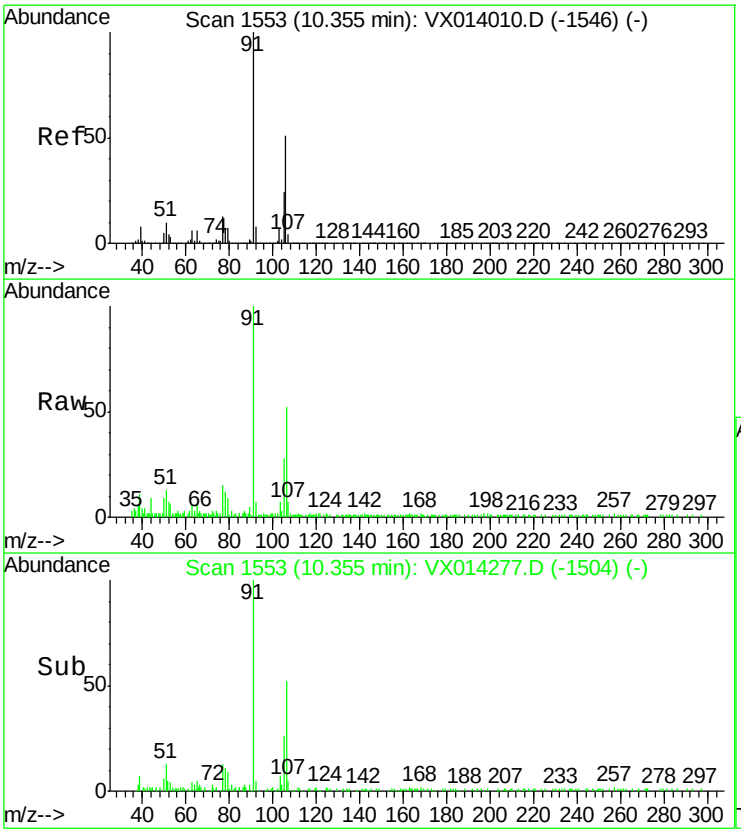
#67
Ethyl Benzene
Concen: 0.378 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 91 Resp: 10265

Ion	Ratio	Lower	Upper
91	100		
106	27.9	25.0	37.6

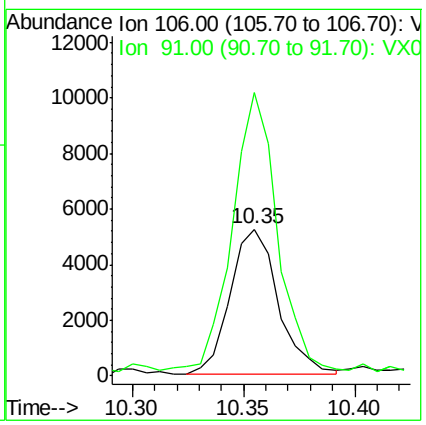


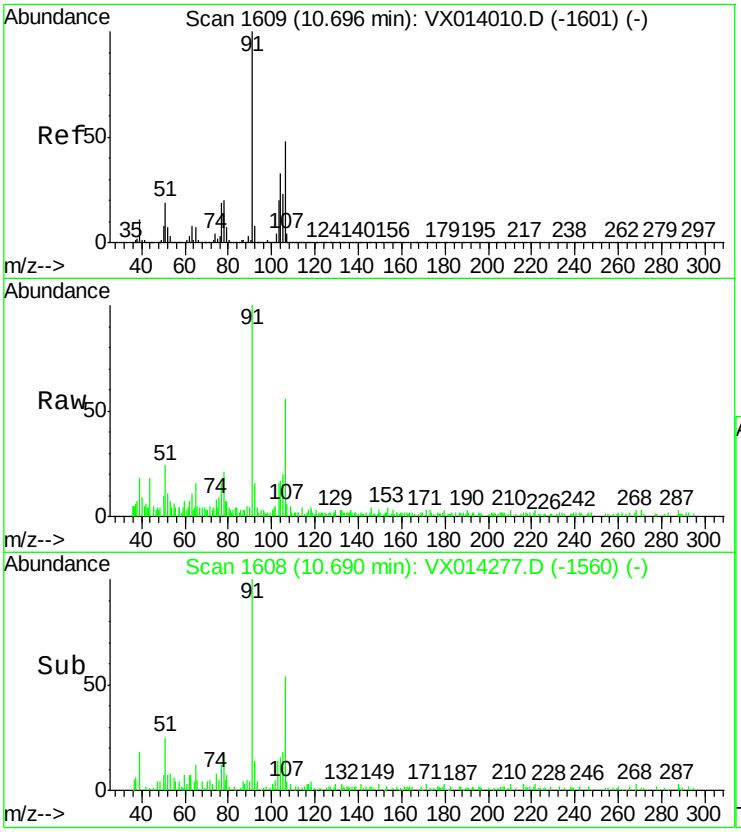


#68
m/p-Xylenes
Concen: 0.750 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion:106 Resp: 7839

Ion	Ratio	Lower	Upper
106	100		
91	181.7	158.6	238.0



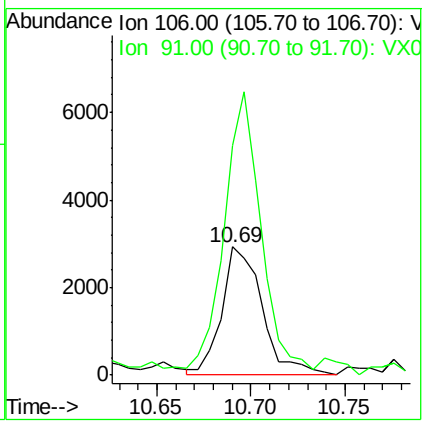


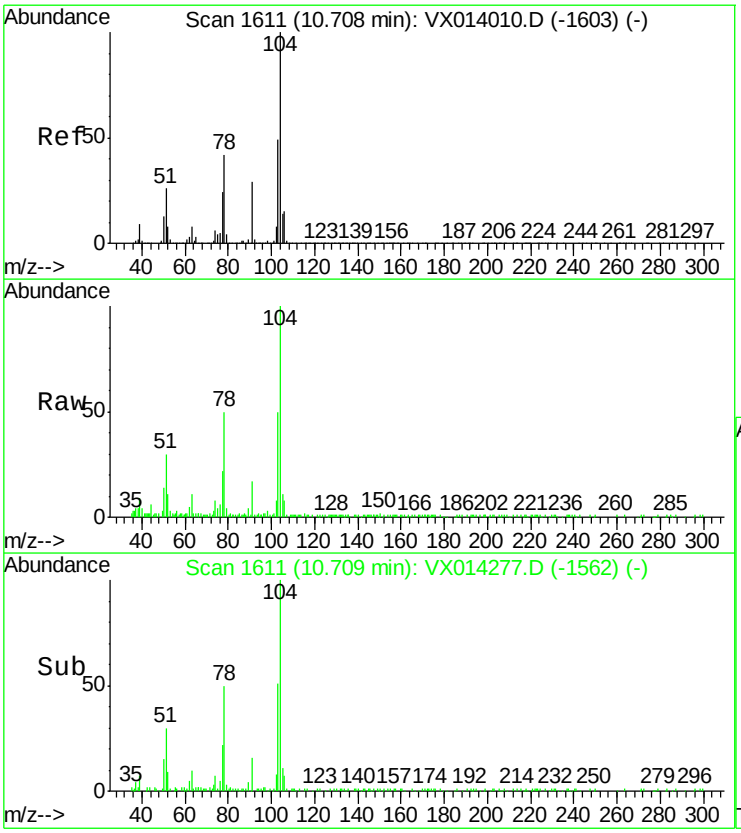
#69
o-Xylene
Concen: 0.427 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:106 Resp: 4378

Ion	Ratio	Lower	Upper
106	100		
91	200.5	104.2	312.6

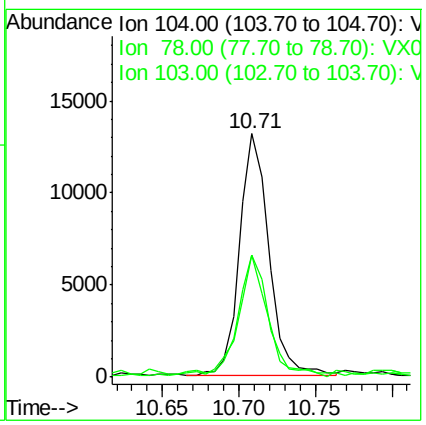


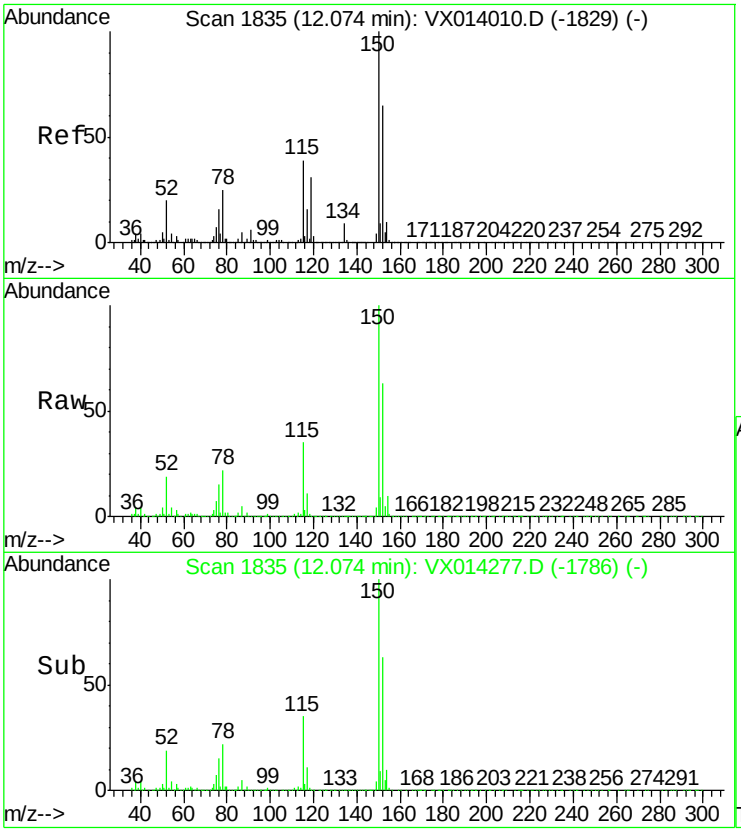


#70
Styrene
Concen: 1.005 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion:104 Resp: 17403

Ion	Ratio	Lower	Upper
104	100		
78	51.9	38.5	57.7
103	55.8	42.9	64.3



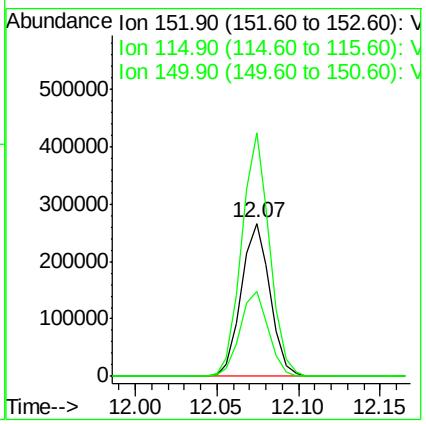


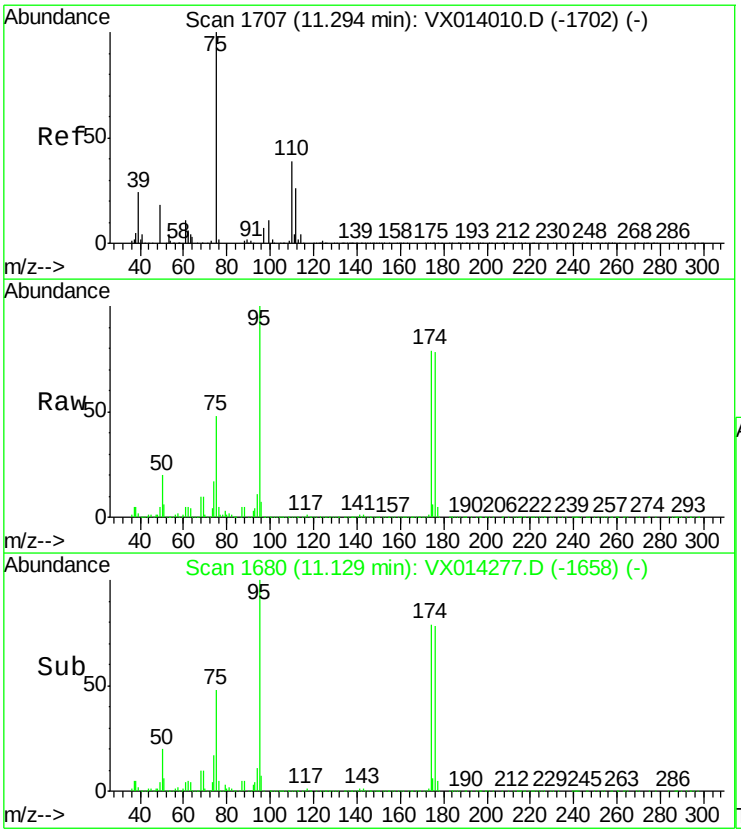
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 328157

Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.3	114.9
150	153.8	0.0	345.4

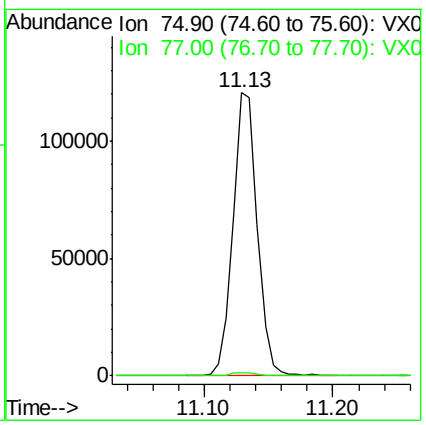


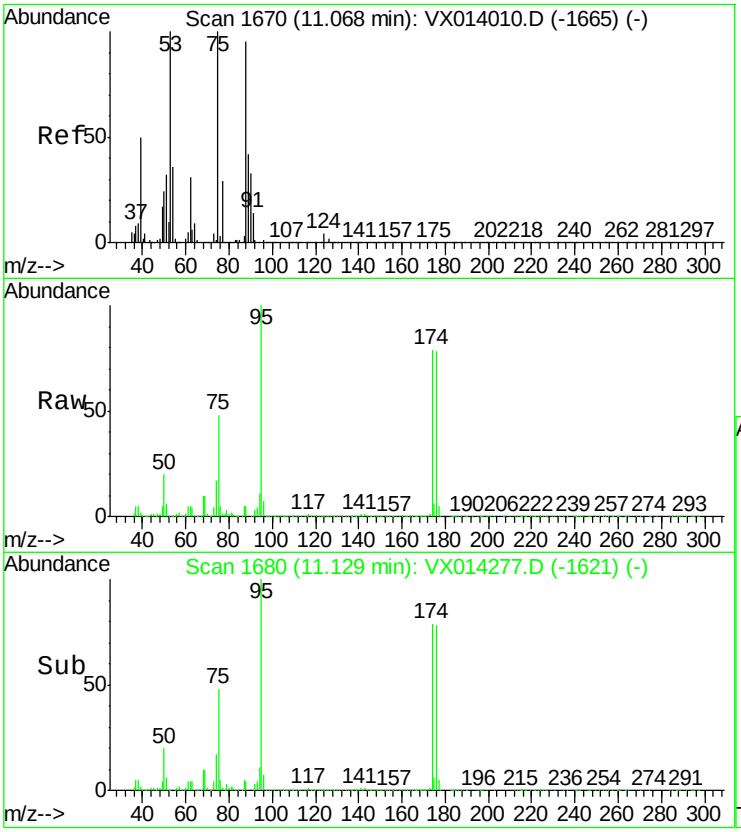


#76
1,2,3-Trichloropropane
Concen: 22.169 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 75 Resp: 157939

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.3	57.8#



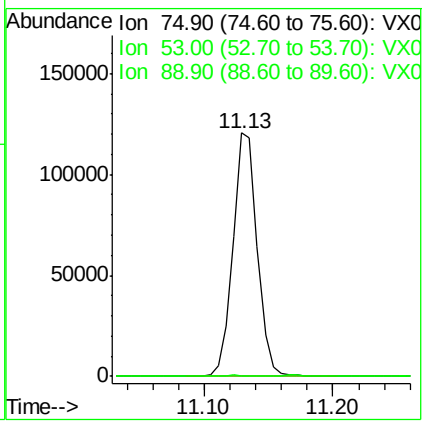


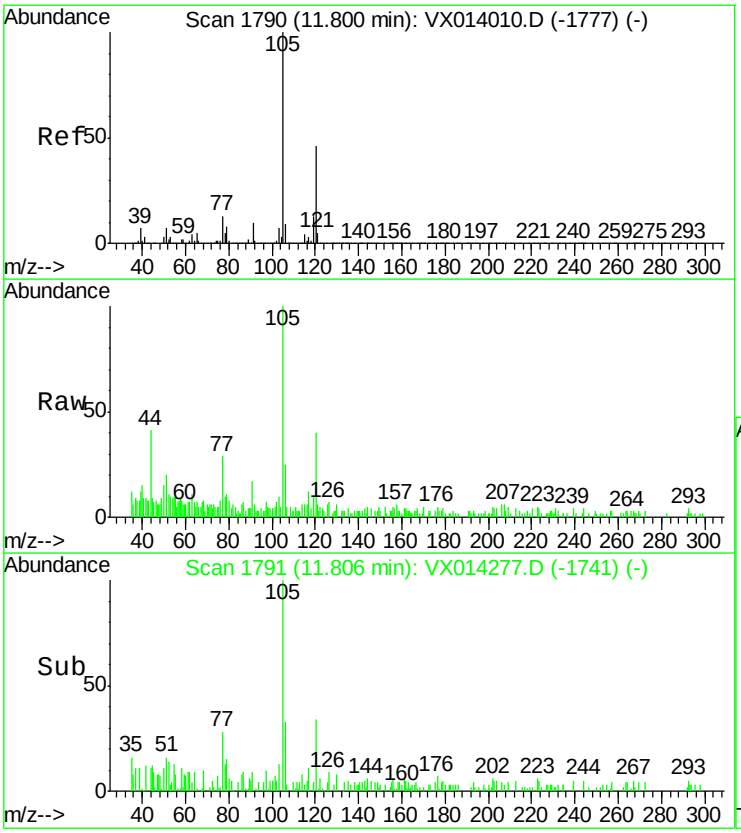
#81
trans-1,4-Dichloro-2-butene
Concen: 62.573 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 157939

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.7	115.1#
89	0.0	34.6	51.8#

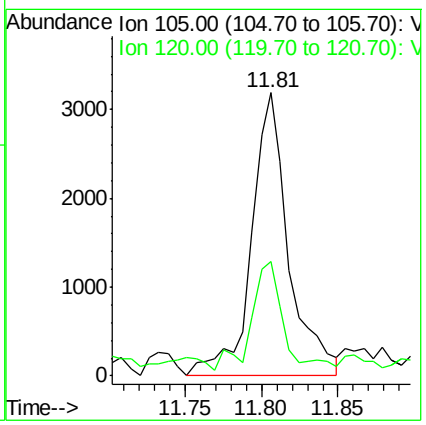


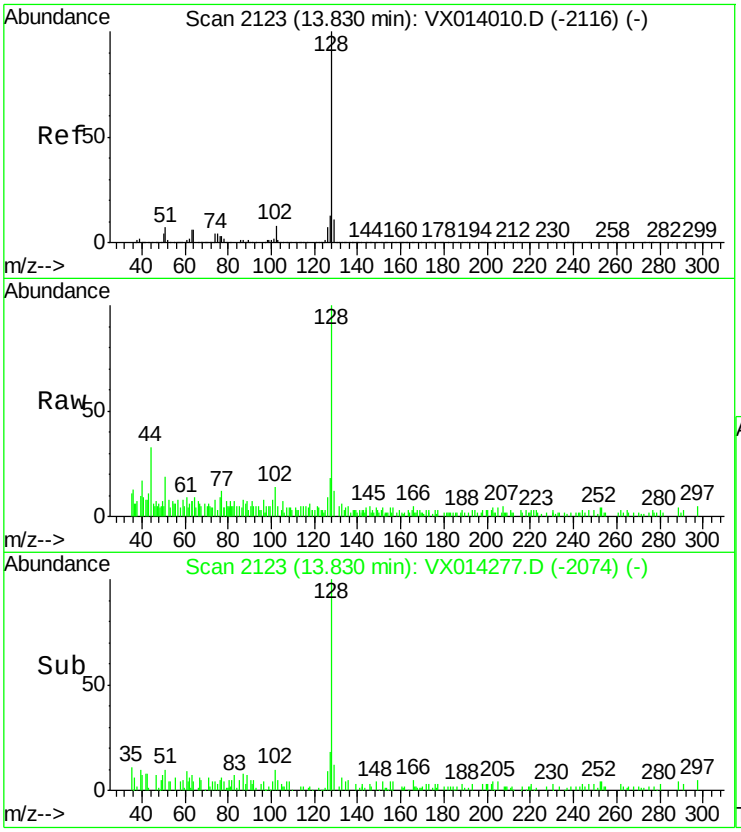


#84
1,2,4-Trimethylbenzene
Concen: 0.278 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion:105 Resp: 5420

Ion	Ratio	Lower	Upper
105	100		
120	35.2	23.1	69.2





#95
Naphthalene
Concen: 0.237 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:128 Resp: 5077

Ion	Ratio	Lower	Upper
128	100		
127	21.8	10.2	15.4#
129	19.7	8.7	13.1#