Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009985.D
Acq On : 31 May 2019 15:13
Operator : JC/SP
Sample : K2964-02DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : COMP-2DL

Quant Time: May 31 15:39:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	179995	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	289022	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	260976	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117434	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	122945	48.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.70%				
35) Dibromofluoromethane	5.50	113	88551	48.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.46%				
50) Toluene-d8	8.71	98	369281	50.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.10%				
62) 4-Bromofluorobenzene	11.13	95	127507	48.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.22%				
Target Compounds							Qvalue
3) Chloromethane	1.28	50	1506	0.509	ug/l	#	42
6) Chloroethane	1.92	64	356	0.217	ug/l	#	43
10) Methyl Iodide	2.53	142	68	4.685	ug/l	#	42
11) Tert butyl alcohol	3.02	59	6167	9.856	ug/l	#	77
13) Acrolein	2.31	56	107	21.318	ug/l	#	14
14) Allyl chloride	2.61	41	18961	4.280	ug/l	#	67
16) Acetone	2.44	43	462237	314.651	ug/l		100
17) Carbon Disulfide	2.57	76	2203	0.781	ug/l	#	82
18) Methyl Acetate	2.78	43	22958	6.716	ug/l		99
23) Vinyl Acetate	3.96	43	9418	1.244	ug/l	#	77
25) 2-Butanone	4.68	43	8269	3.613	ug/l		95
29) Tetrahydrofuran	5.13	42	297	0.202	ug/l	#	46
31) Cyclohexane	5.66	56	4131	1.068	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	14110	4.812	ug/l	#	52
37) Ethyl Acetate	4.84	43	27788	6.801	ug/l		99
38) Carbon Tetrachloride	5.67	117	16802	6.630	ug/l	#	17
49) 1,4-Dioxane	7.76	88	320	5.271	ug/l	#	52
51) 4-Methyl-2-Pentanone	8.64	43	4860	1.133	ug/l		96
52) Toluene	8.79	92	2261	0.428	ug/l		91
59) 2-Hexanone	9.30	43	1336	0.405	ug/l		71
64) Tetrachloroethene	9.34	164	401	0.220	ug/l	#	68
68) m/p-Xylenes	10.36	106	1138	0.314	ug/l		92
69) o-Xylene	10.69	106	716	0.206	ug/l		93
76) 1,2,3-Trichloropropane	11.13	75	65100	23.182	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	65100	57.356	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	4415	0.596	ug/l		98
86) p-Isopropyltoluene	12.06	119	2005	0.268	ug/l	#	68
90) Hexachloroethane	12.60	117	291	0.227	ug/l	#	6
95) Naphthalene	13.83	128	3989	0.463	ug/l	#	95

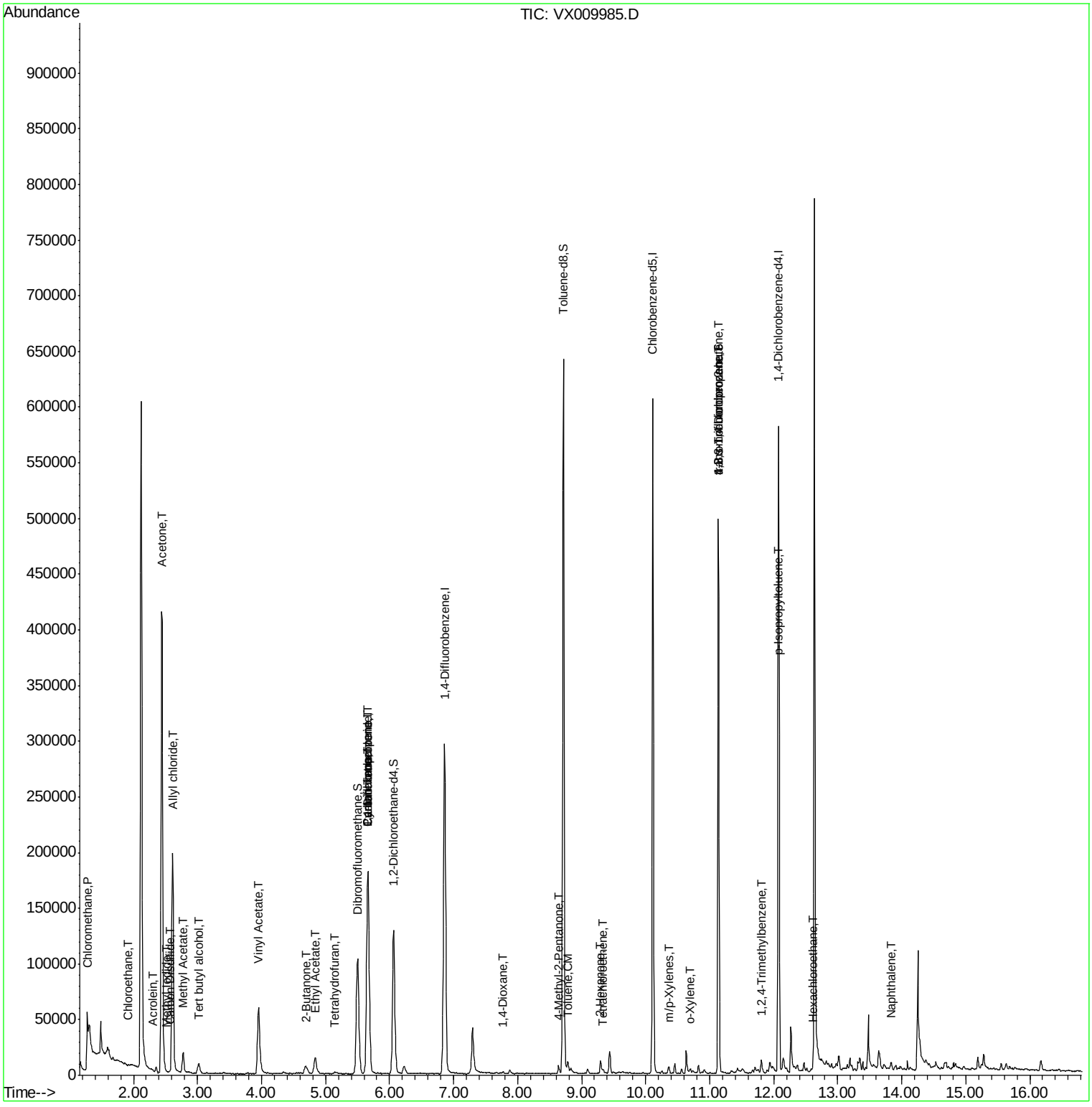
(#) = qualifier out of range (m) = manual integration (+) = signals summed

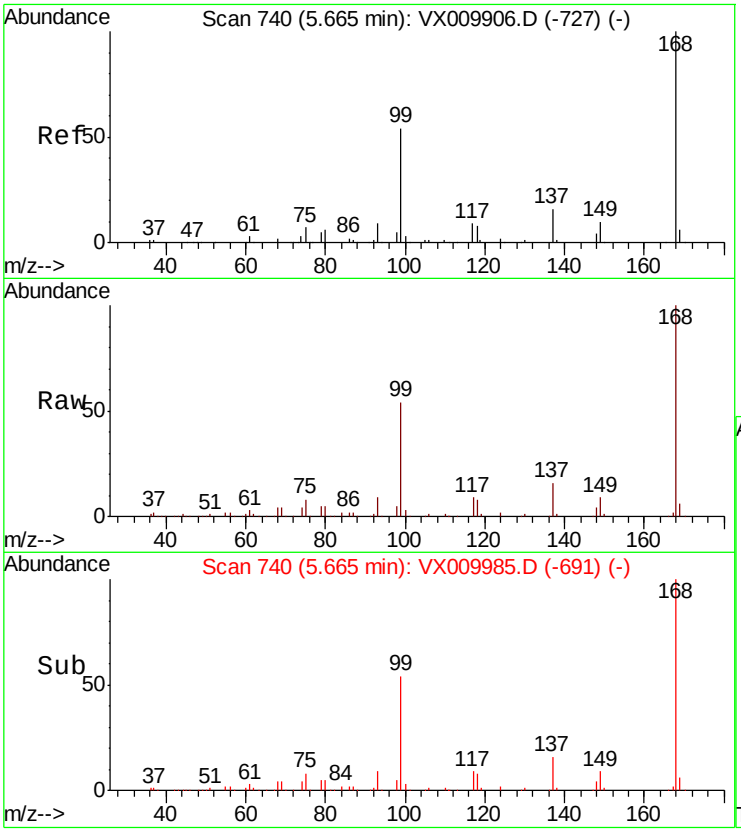
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009985.D
Acq On : 31 May 2019 15:13
Operator : JC/SP
Sample : K2964-02DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Quant Time: May 31 15:39:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



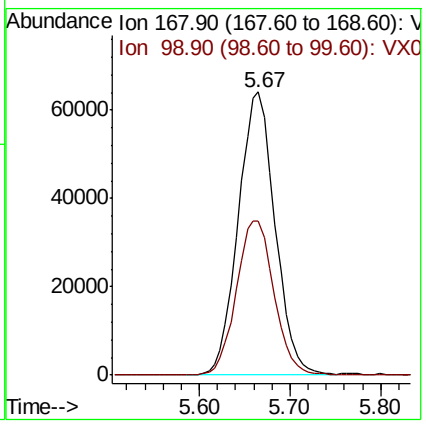


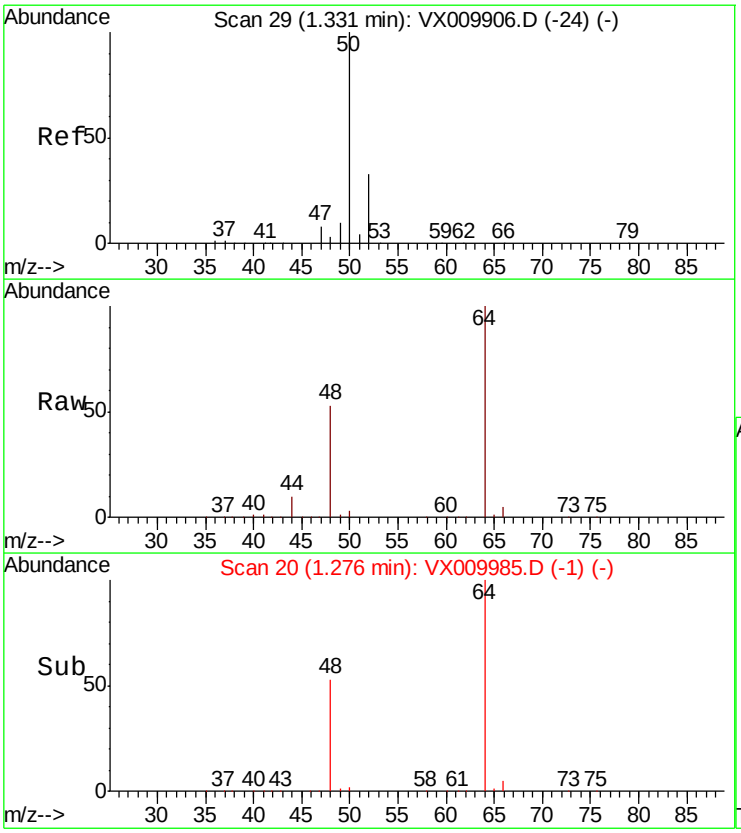
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion:168 Resp: 179995

Ion	Ratio	Lower	Upper
168	100		
99	54.3	43.0	64.6

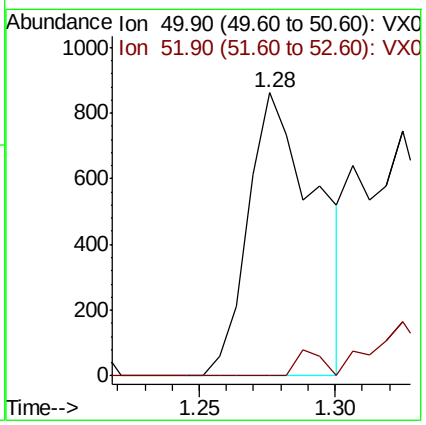


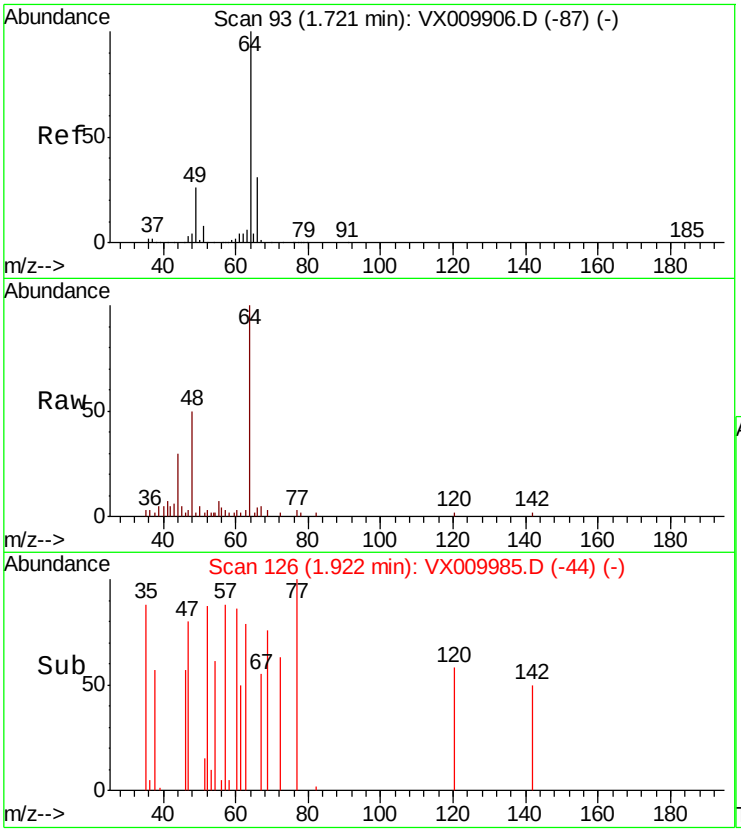


#3
Chloromethane
Concen: 0.509 ug/l
RT: 1.28 min Scan# 20
Delta R.T. -0.05 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 50 Resp: 1506

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.0	39.0#



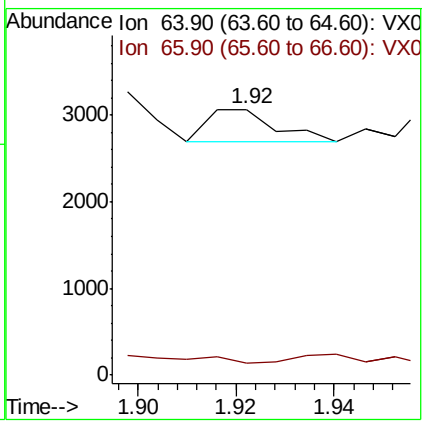


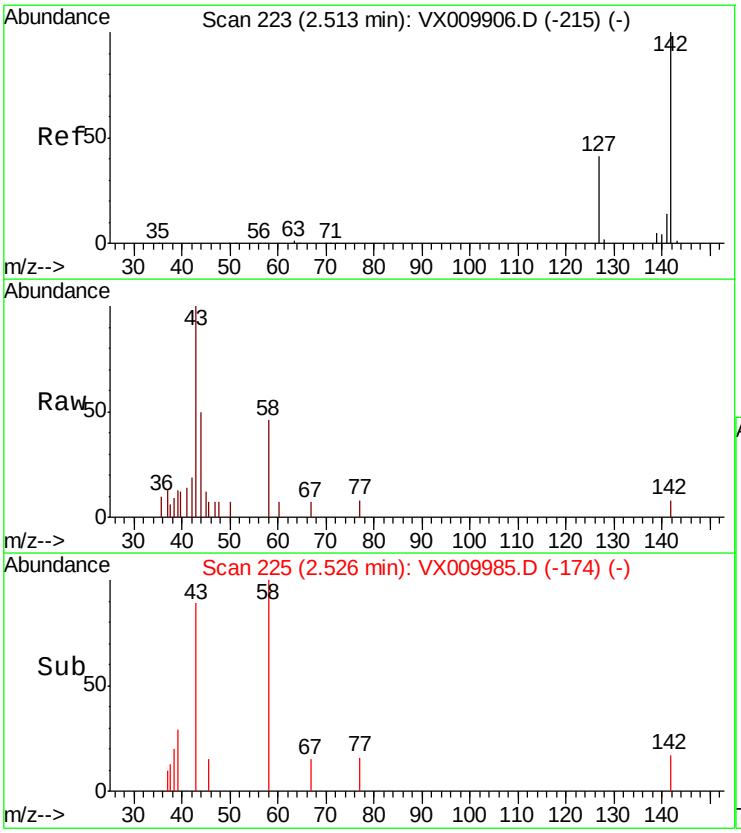
#6
Chloroethane
Concen: 0.217 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.20 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument : MSVOA_X
ClientSampleId : COMP-2DL

Tgt Ion: 64 Resp: 356

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

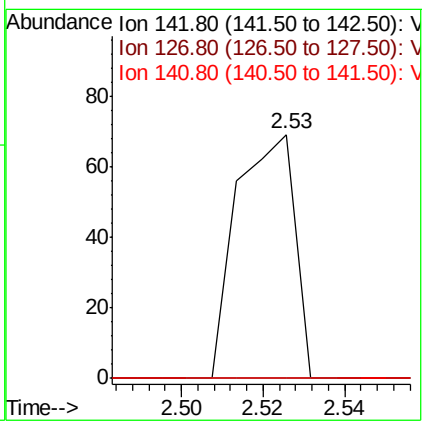


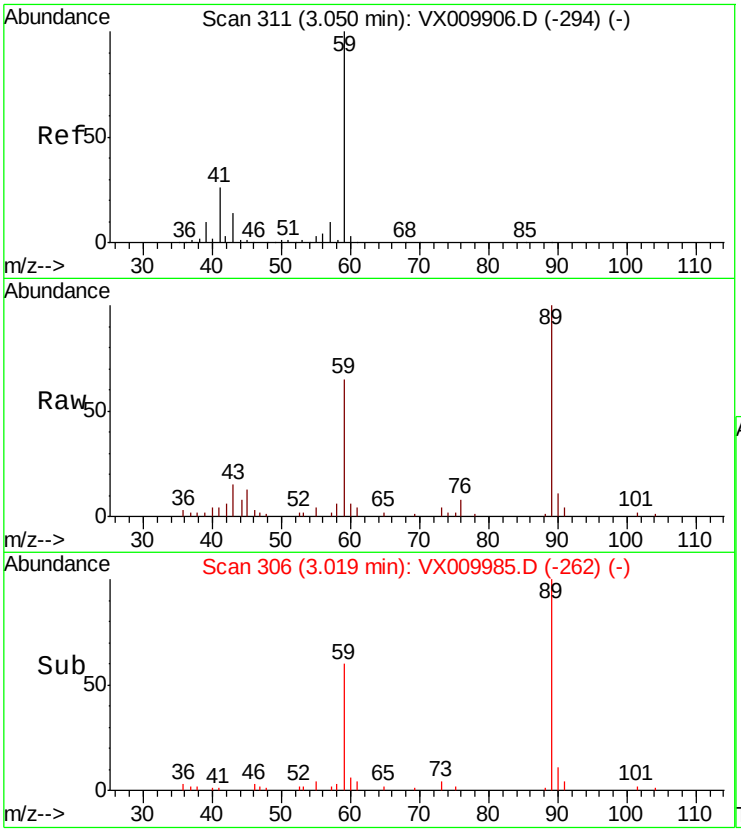


#10
Methyl Iodide
Concen: 4.685 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:142 Resp: 68

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.4#
141	0.0	11.4	17.0#



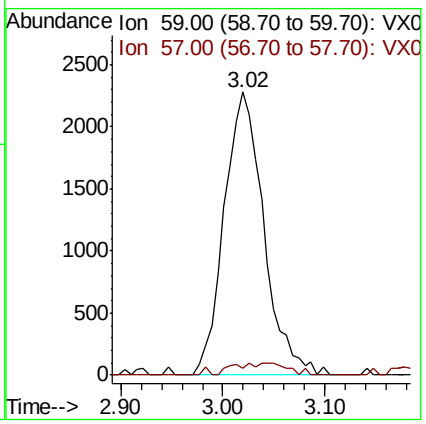


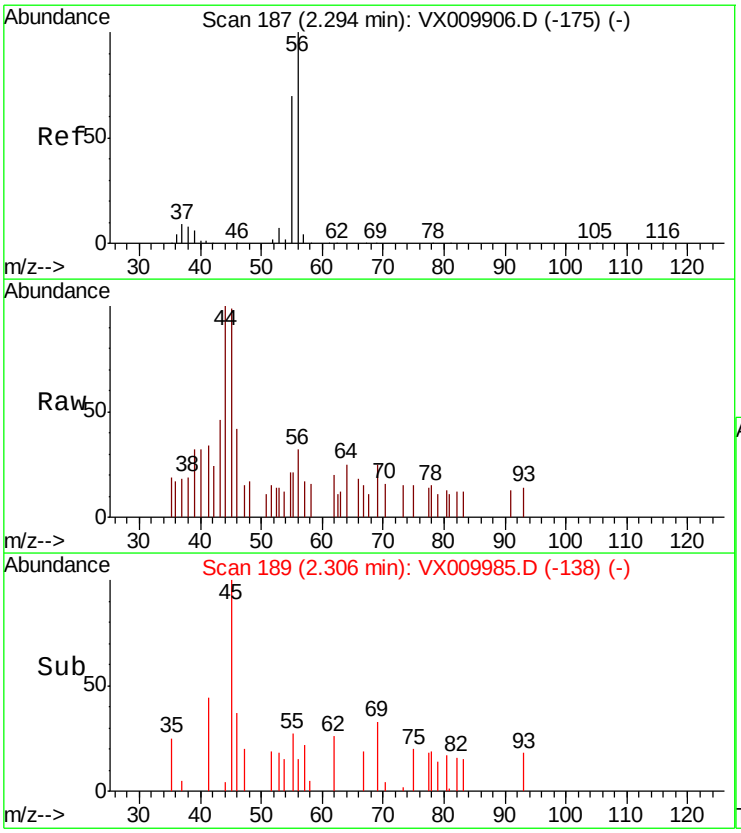
#11
Tert butyl alcohol
Concen: 9.856 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 59 Resp: 6167

Ion	Ratio	Lower	Upper
59	100		
57	1.7	8.2	12.2#

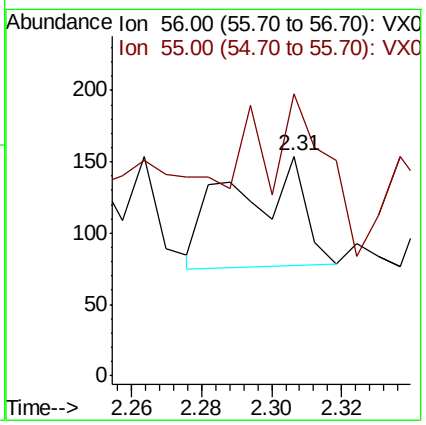


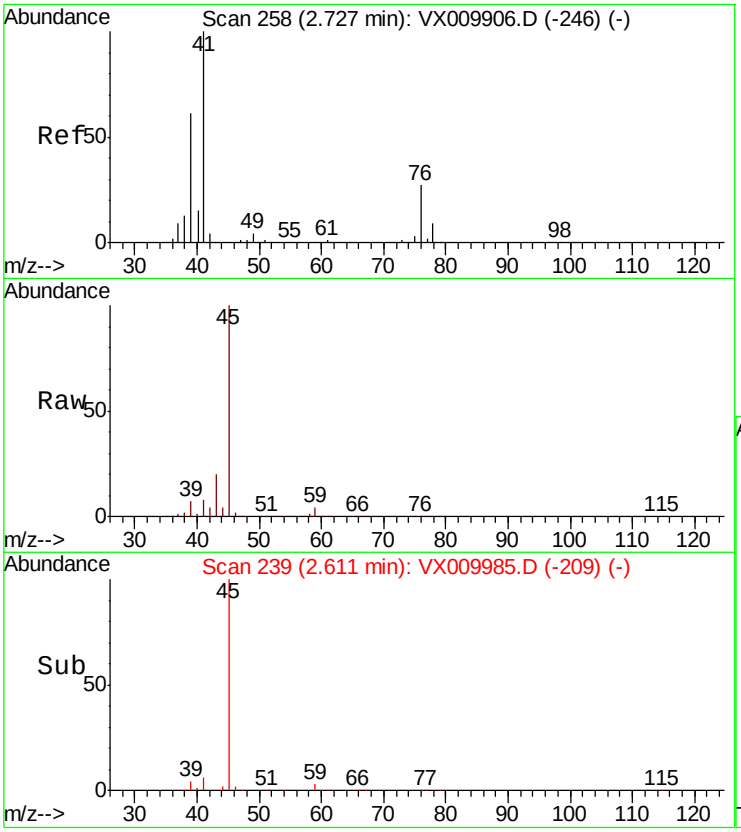


#13
Acrolein
Concen: 21.318 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 56 Resp: 107

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



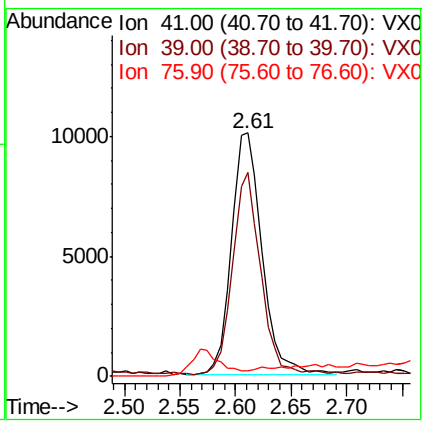


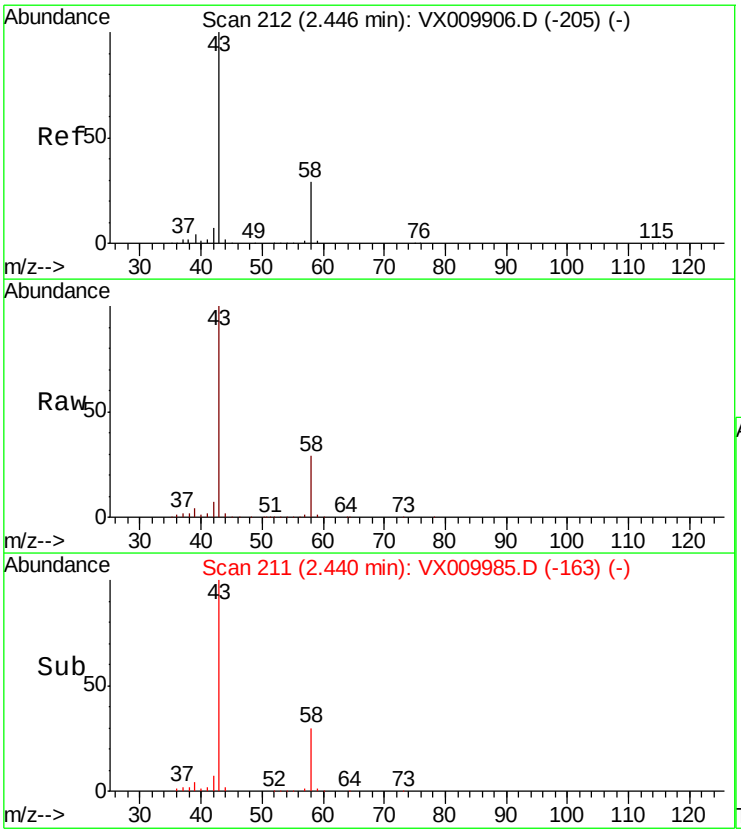
#14
Allyl chloride
Concen: 4.280 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.12 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 41 Resp: 18961

Ion	Ratio	Lower	Upper
41	100		
39	76.6	46.7	70.1#
76	0.0	21.0	31.4#

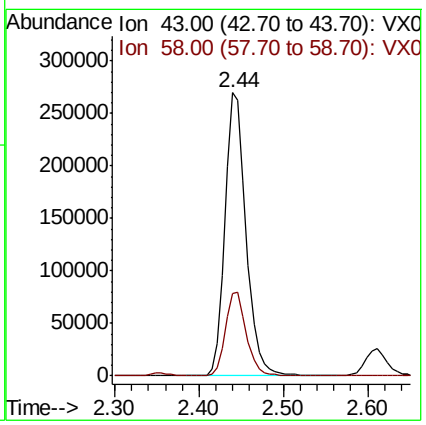


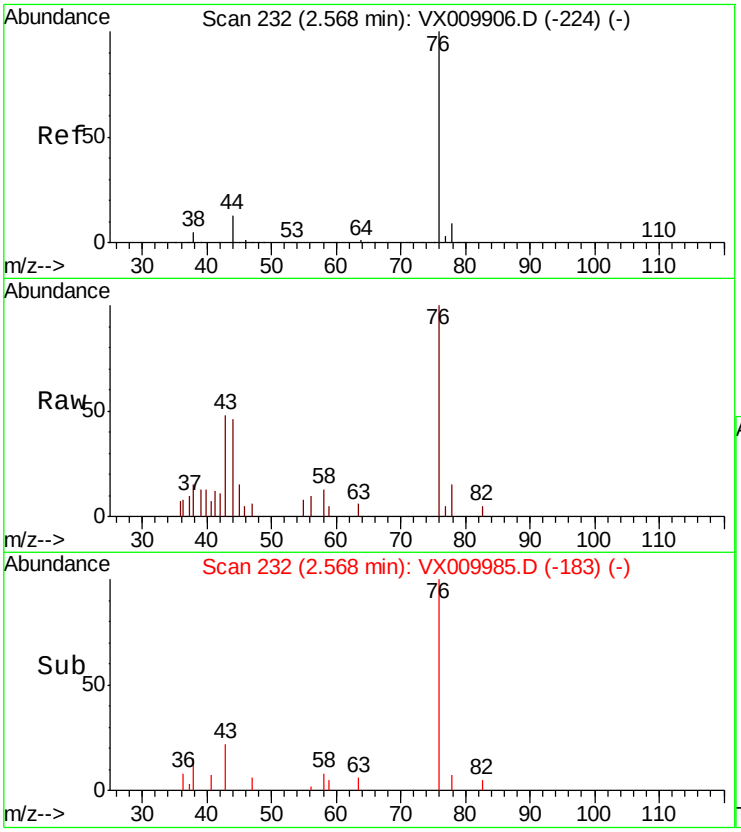


#16
Acetone
Concen: 314.651 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 43 Resp: 462237

Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.2	34.8



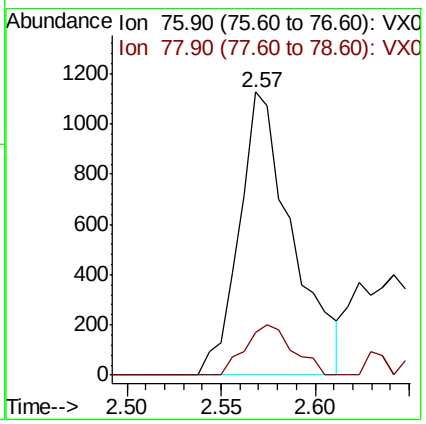


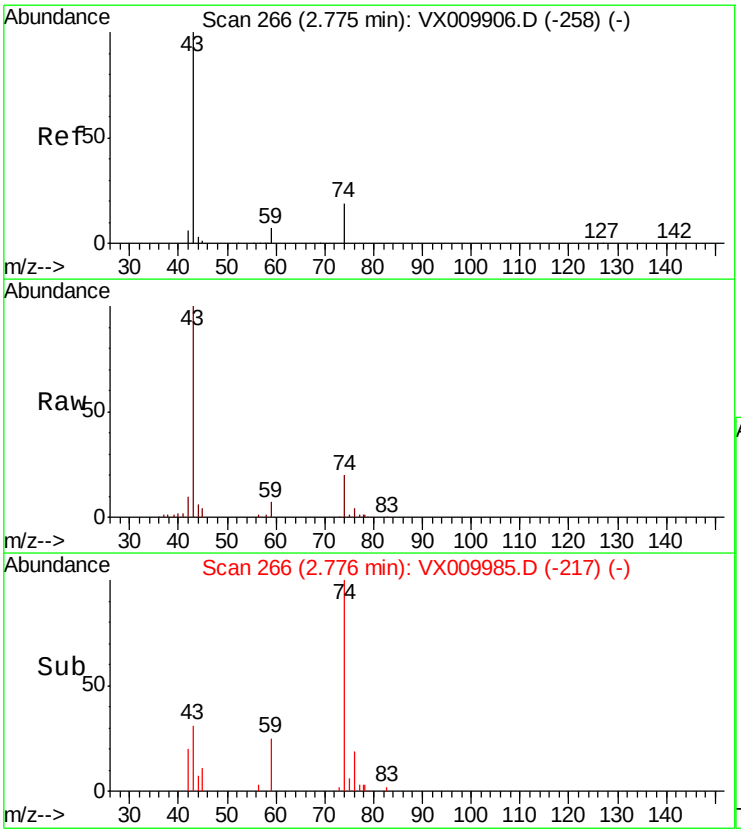
#17
Carbon Disulfide
Concen: 0.781 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 76 Resp: 2203

Ion	Ratio	Lower	Upper
76	100		
78	15.2	7.0	10.6#

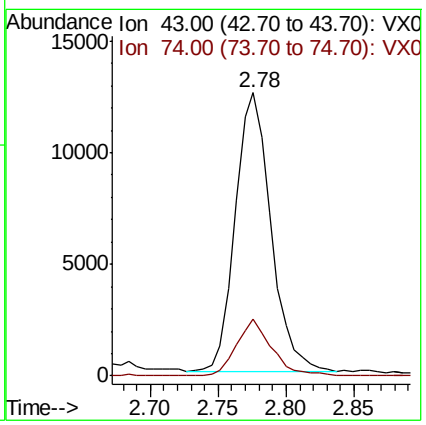


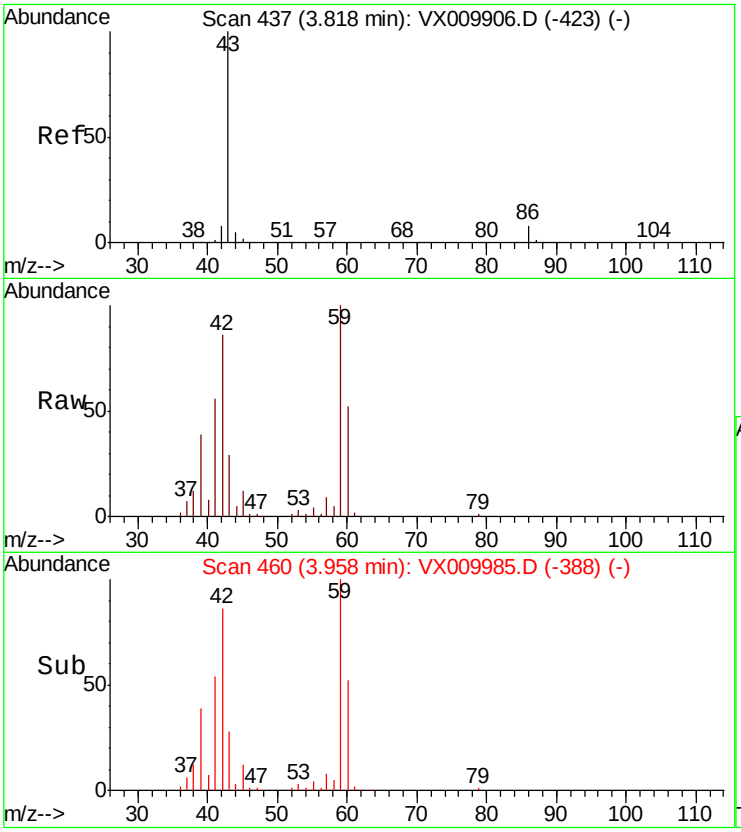


#18
Methyl Acetate
Concen: 6.716 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 43 Resp: 22958

Ion	Ratio	Lower	Upper
43	100		
74	19.9	15.8	23.6



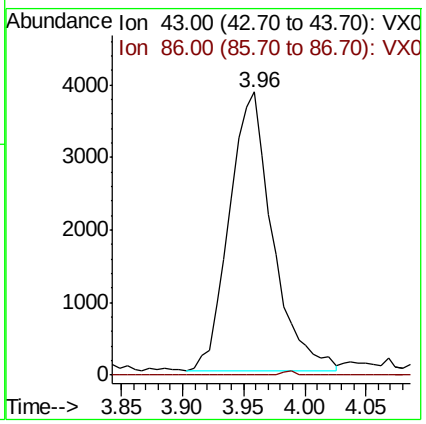


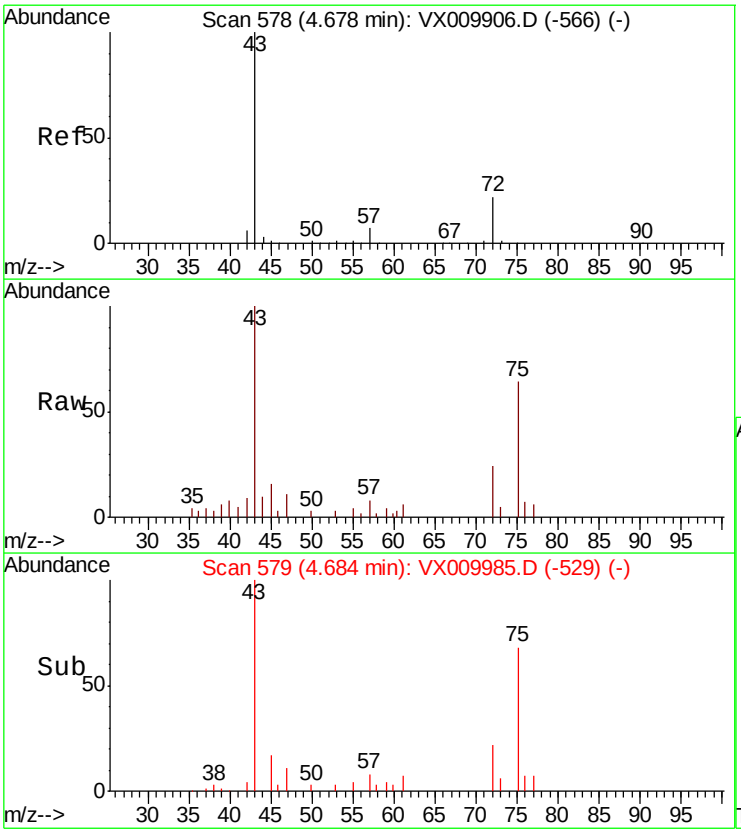
#23
Vinyl Acetate
Concen: 1.244 ug/l
RT: 3.96 min Scan# 460
Delta R.T. 0.14 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 43 Resp: 9418

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#

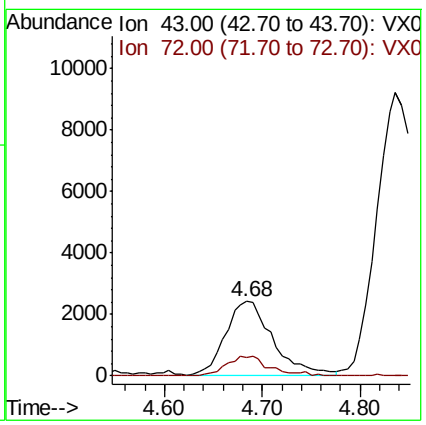


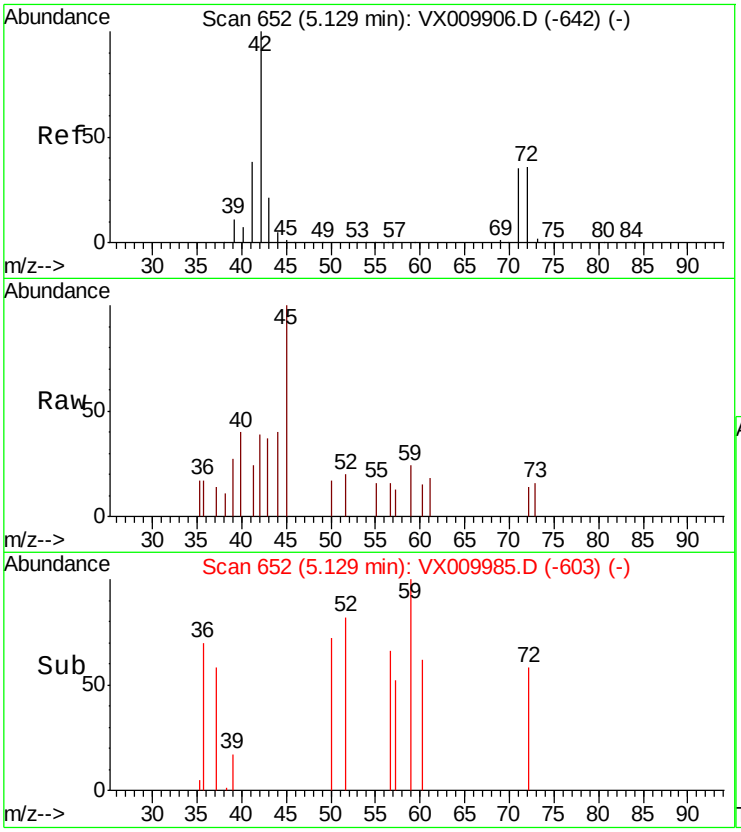


#25
2-Butanone
Concen: 3.613 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 43 Resp: 8269

Ion	Ratio	Lower	Upper
43	100		
72	24.2	17.5	26.3



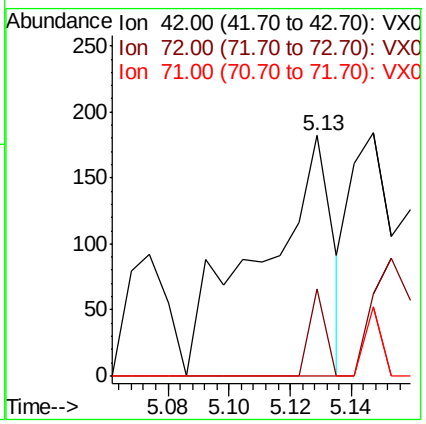


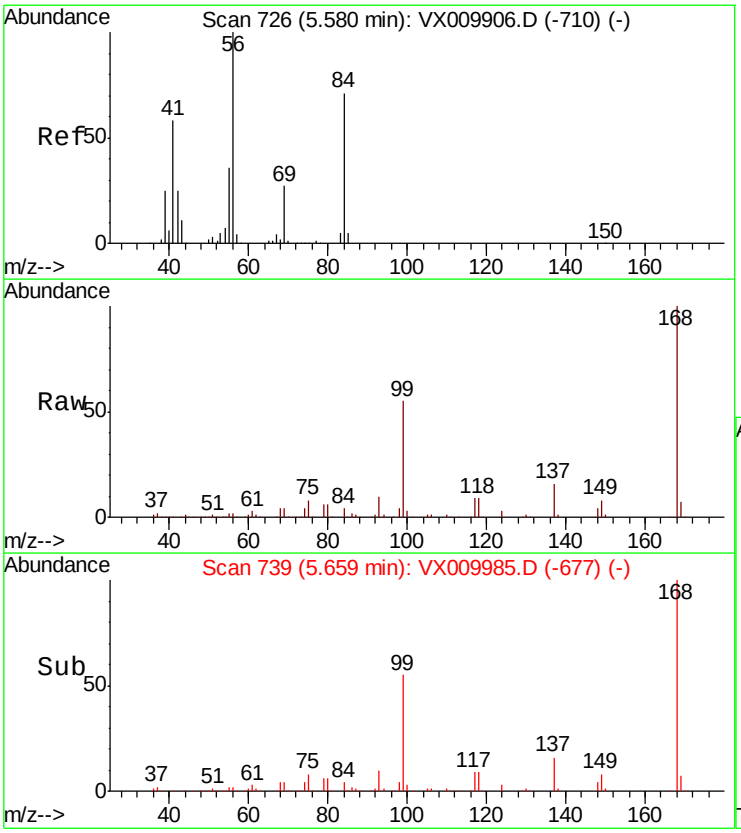
#29
Tetrahydrofuran
Concen: 0.202 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 42 Resp: 297

Ion	Ratio	Lower	Upper
42	100		
72	8.1	29.2	43.8#
71	0.0	27.6	41.4#

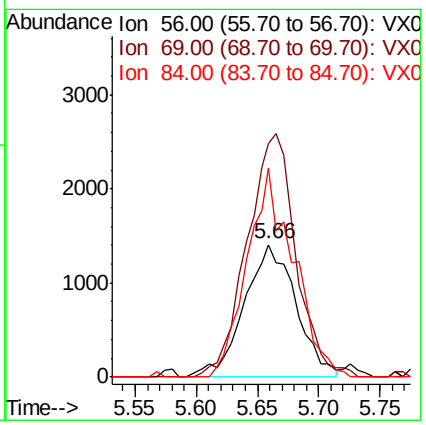


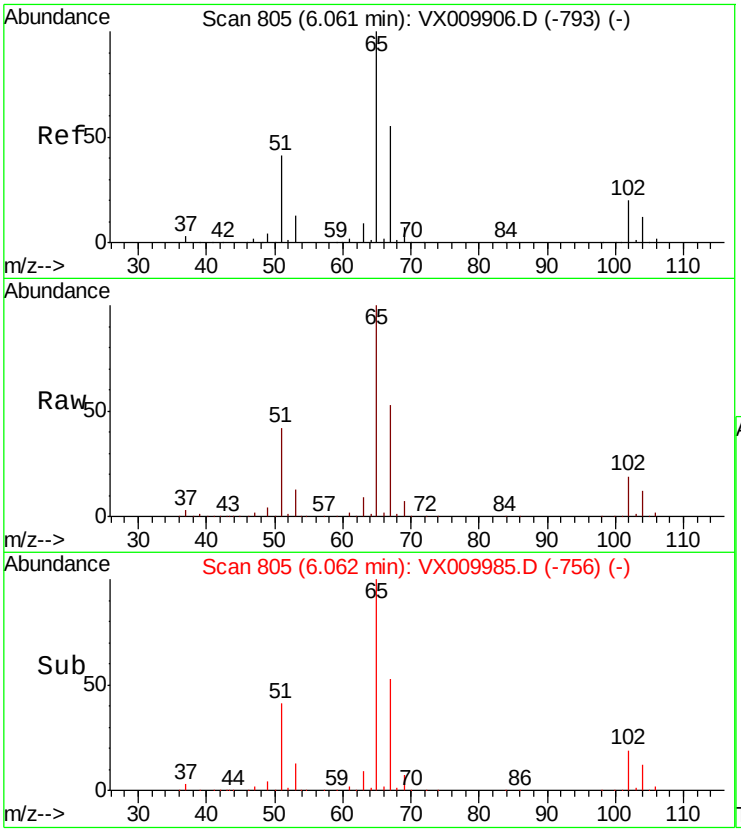


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 56 Resp: 4131

Ion	Ratio	Lower	Upper
56	100		
69	176.0	21.6	32.4#
84	157.5	56.8	85.2#



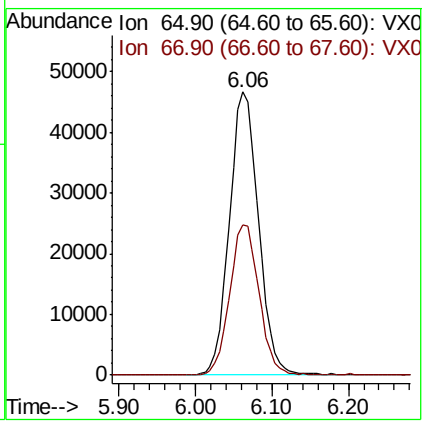


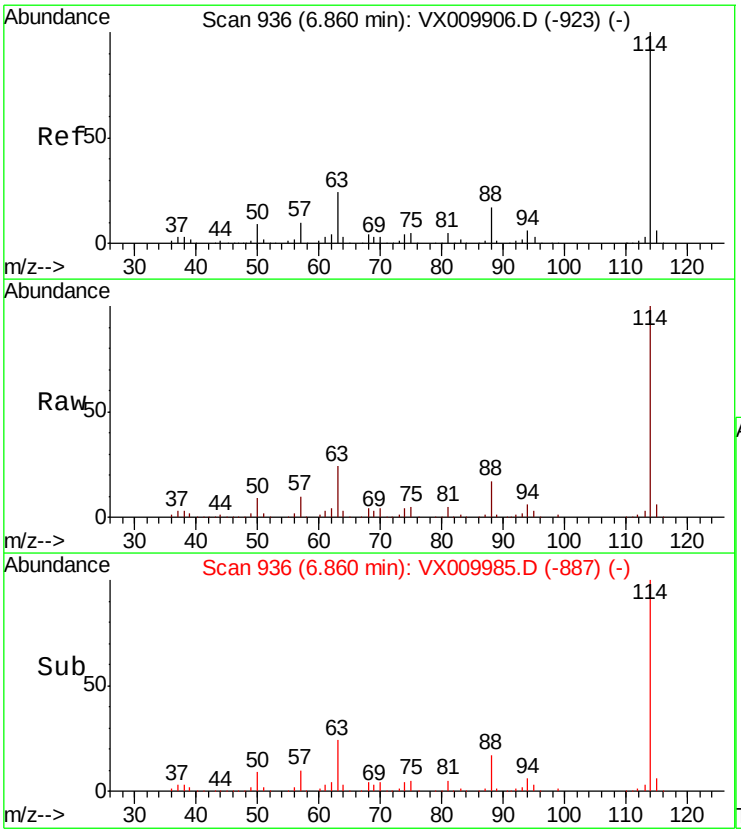
#33
1,2-Dichloroethane-d4
Concen: 48.354 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 65 Resp: 122945

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4

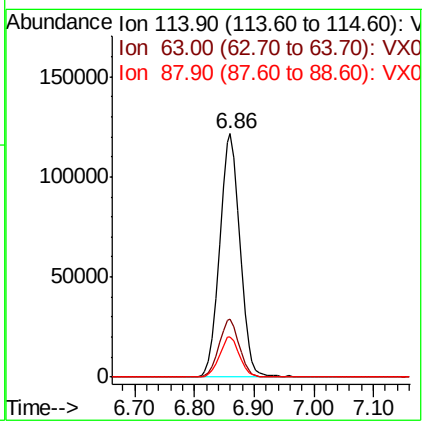


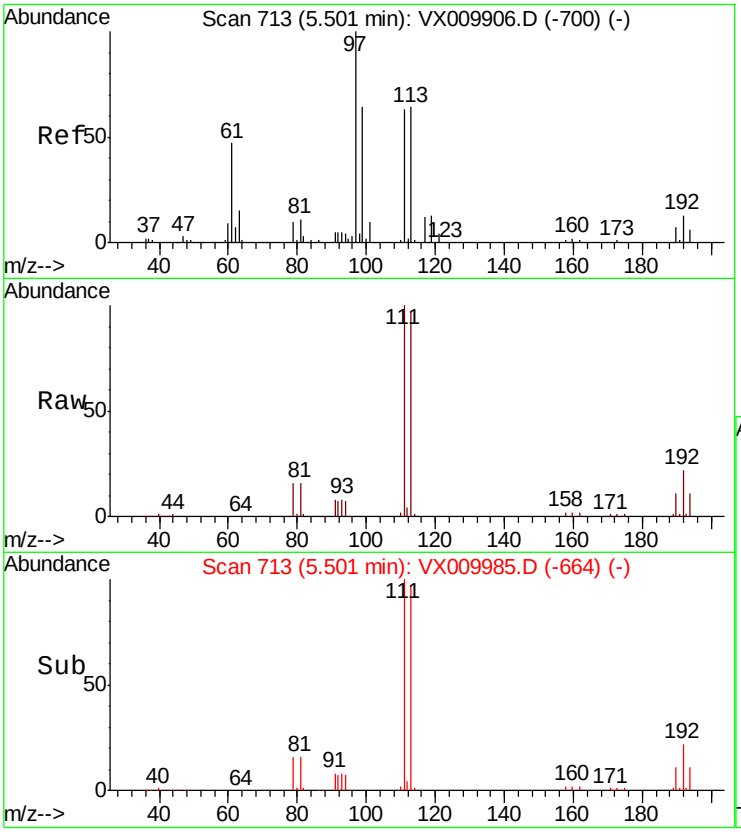


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:114 Resp: 289022

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	47.4
88	16.7	0.0	33.0



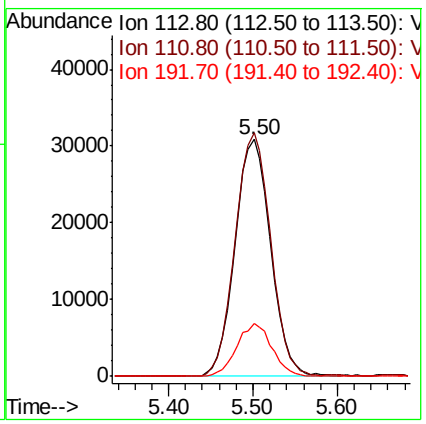


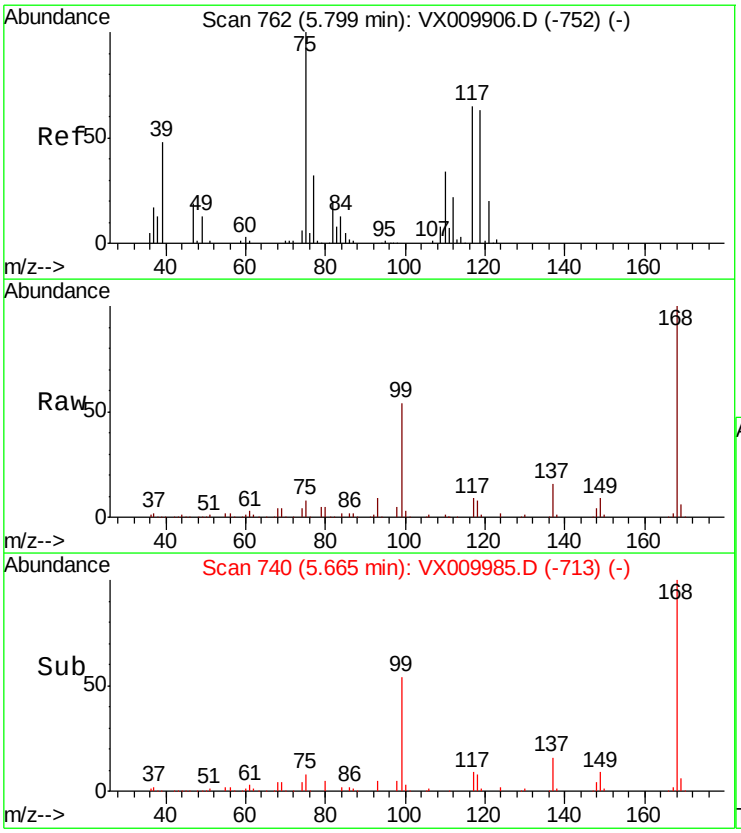
#35
Dibromofluoromethane
Concen: 48.732 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion:113 Resp: 88551

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	21.8	17.1	25.7

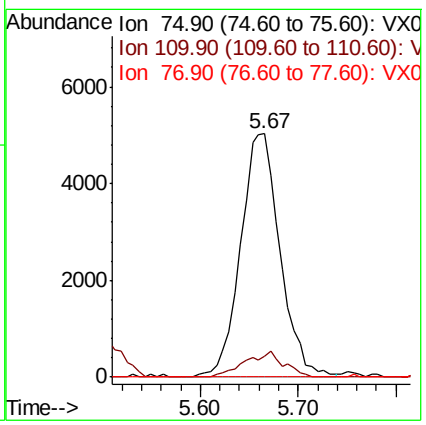


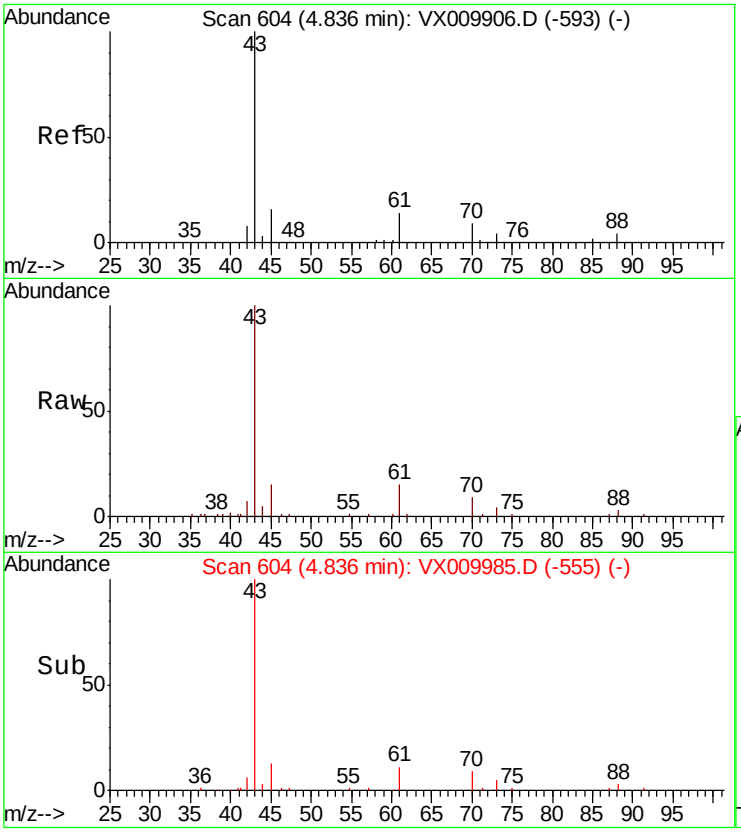


#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 75 Resp: 14110

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.7	50.1#
77	0.0	25.0	37.4#



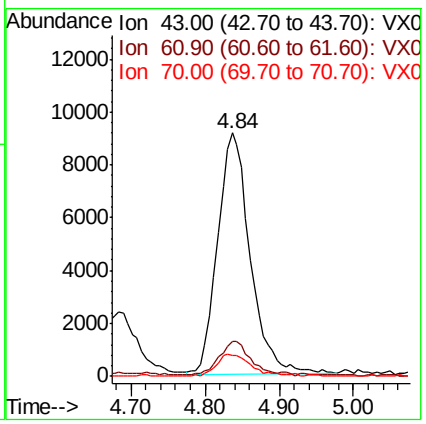


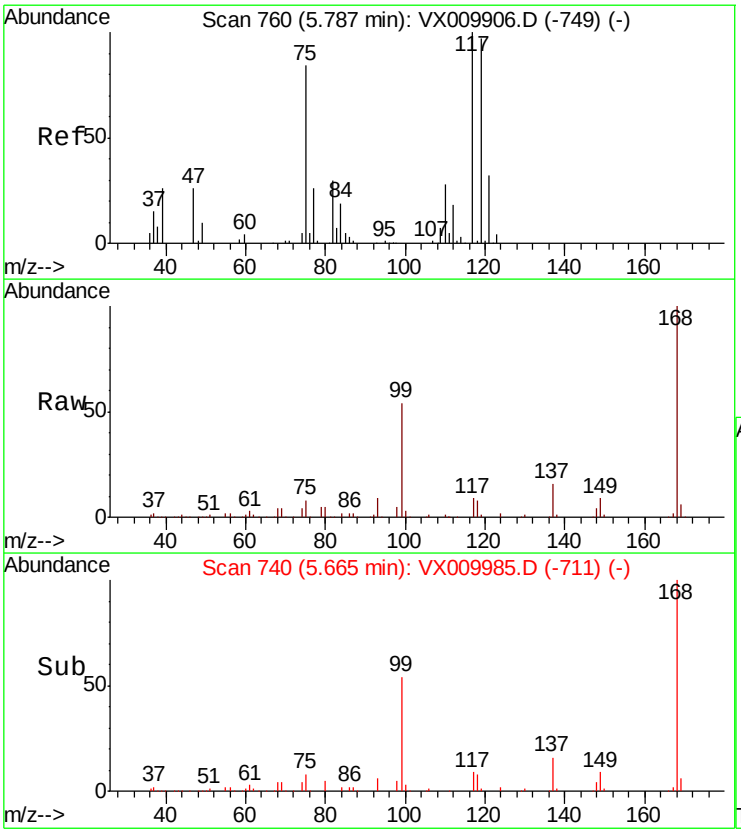
#37
Ethyl Acetate
Concen: 6.801 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 43 Resp: 27788

Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.2
70	9.8	7.4	11.2

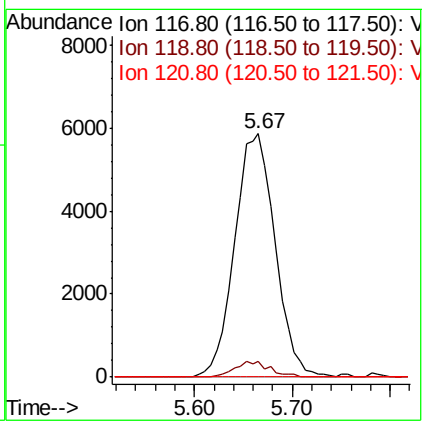


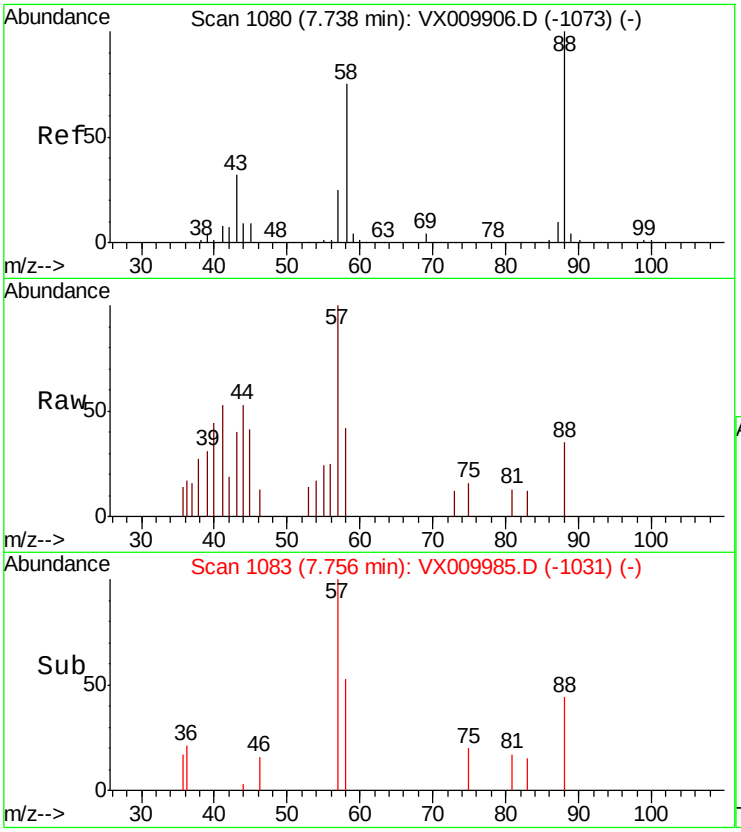


#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:117 Resp: 16802

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.3	115.9#
121	0.0	25.4	38.0#



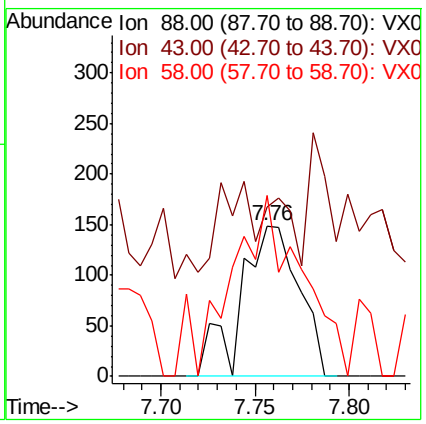


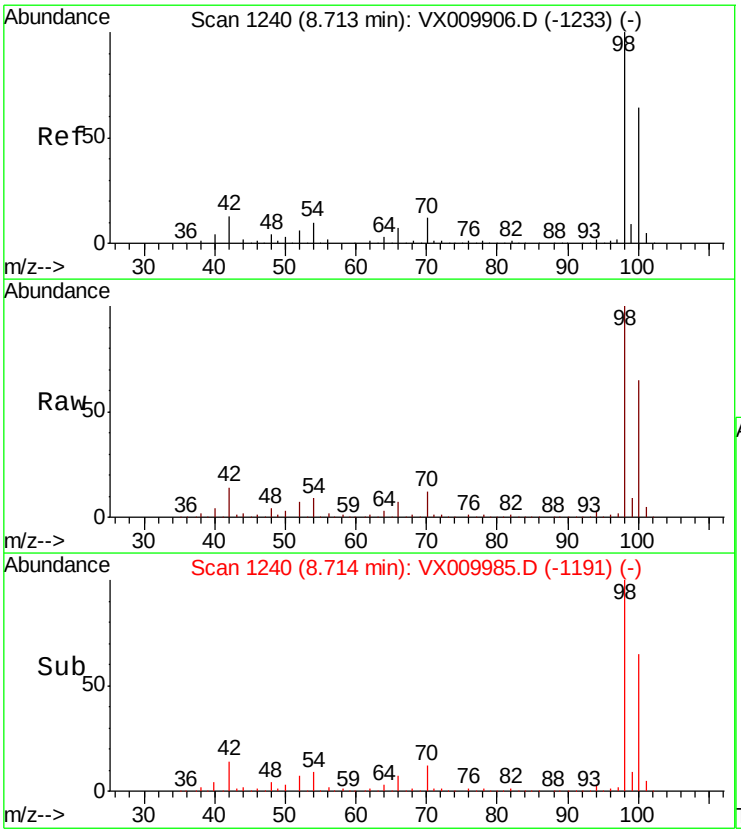
#49
1,4-Dioxane
Concen: 5.271 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument : MSVOA_X
ClientSampleId : COMP-2DL

Tgt Ion: 88 Resp: 320

Ion	Ratio	Lower	Upper
88	100		
43	31.9	30.2	45.4
58	138.4	64.0	96.0#

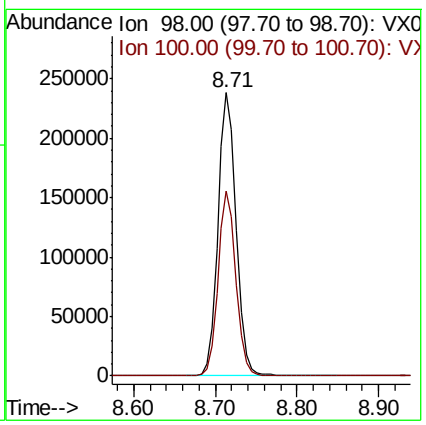


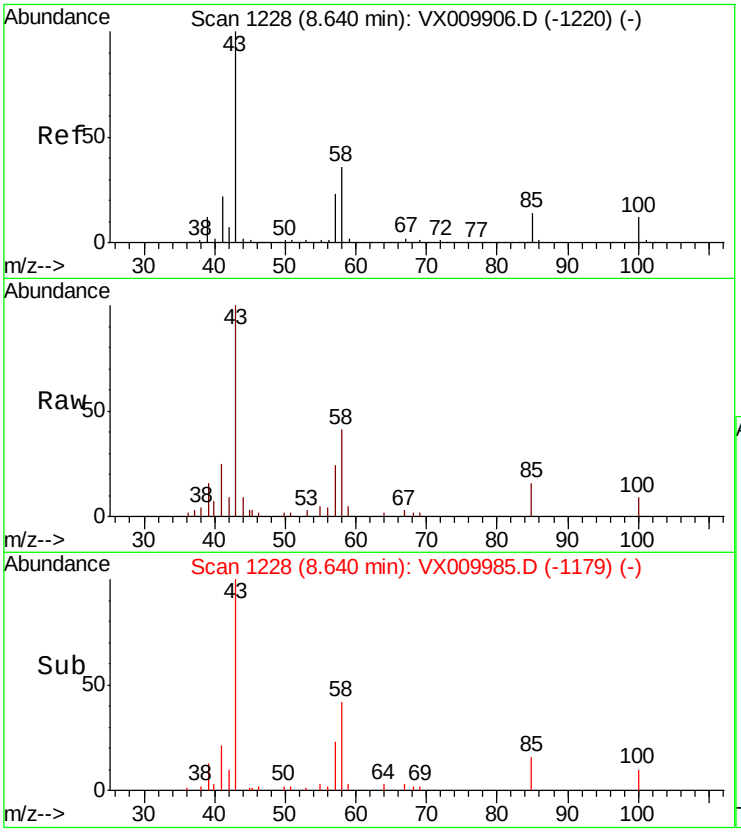


#50
Toluene-d8
Concen: 50.046 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 98 Resp: 369281

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3



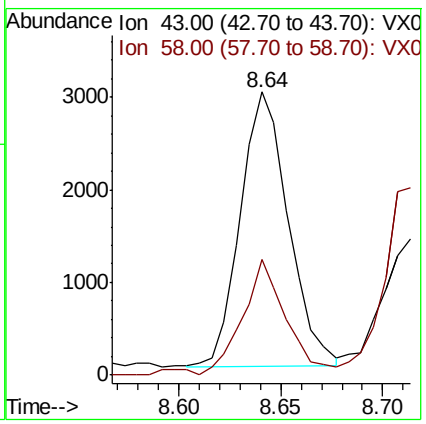


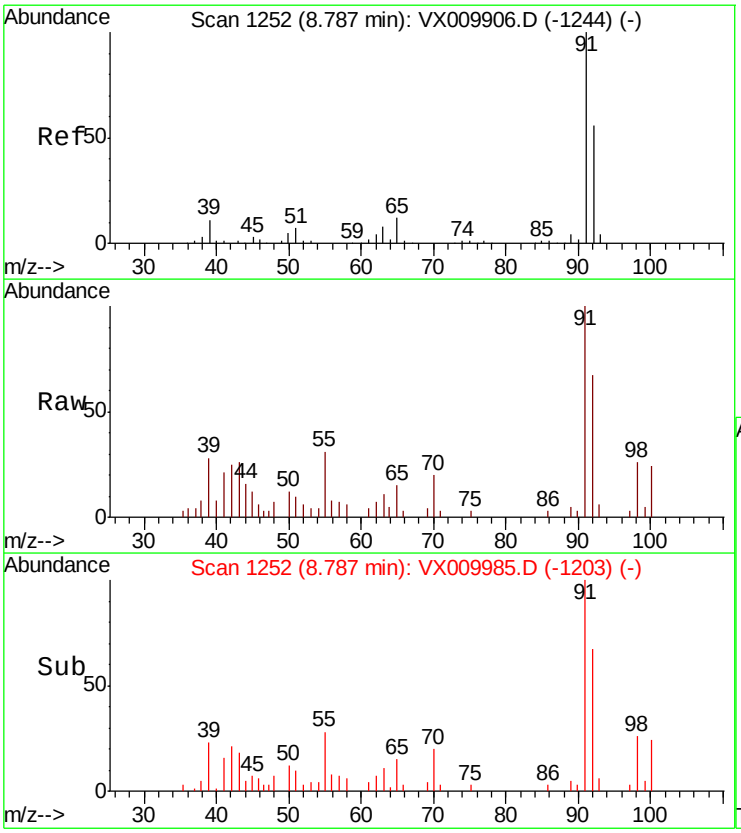
#51
4-Methyl-2-Pentanone
Concen: 1.133 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 43 Resp: 4860

Ion	Ratio	Lower	Upper
43	100		
58	38.2	28.8	43.2

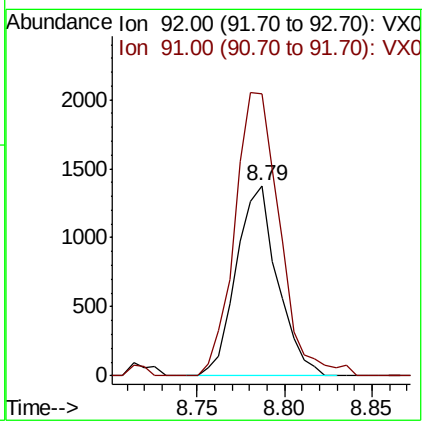


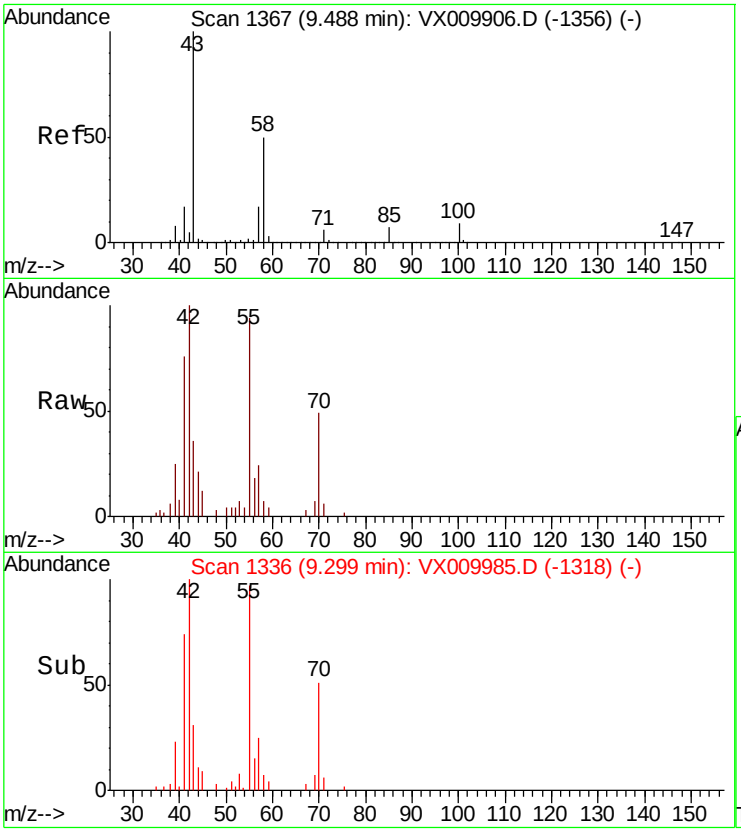


#52
Toluene
Concen: 0.428 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 92 Resp: 2261

Ion	Ratio	Lower	Upper
92	100		
91	162.4	139.9	209.9



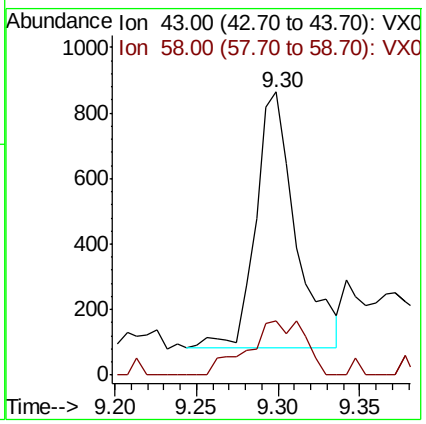


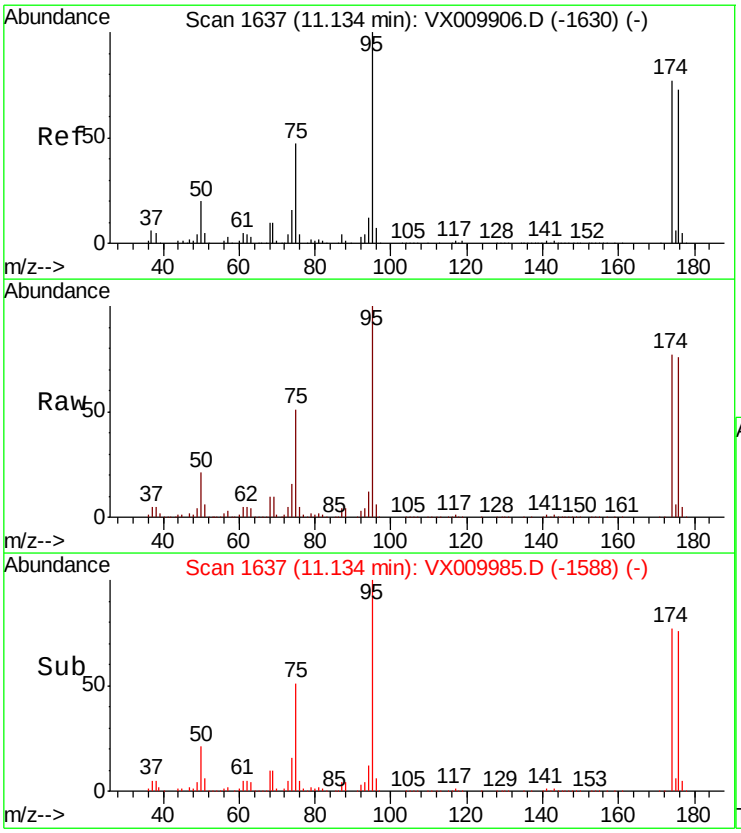
#59
2-Hexanone
Concen: 0.405 ug/l
RT: 9.30 min Scan# 1336
Delta R.T. -0.19 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument : MSVOA_X
ClientSampleId : COMP-2DL

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.1	75.3

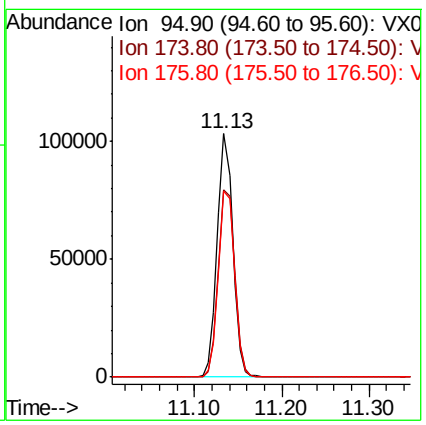


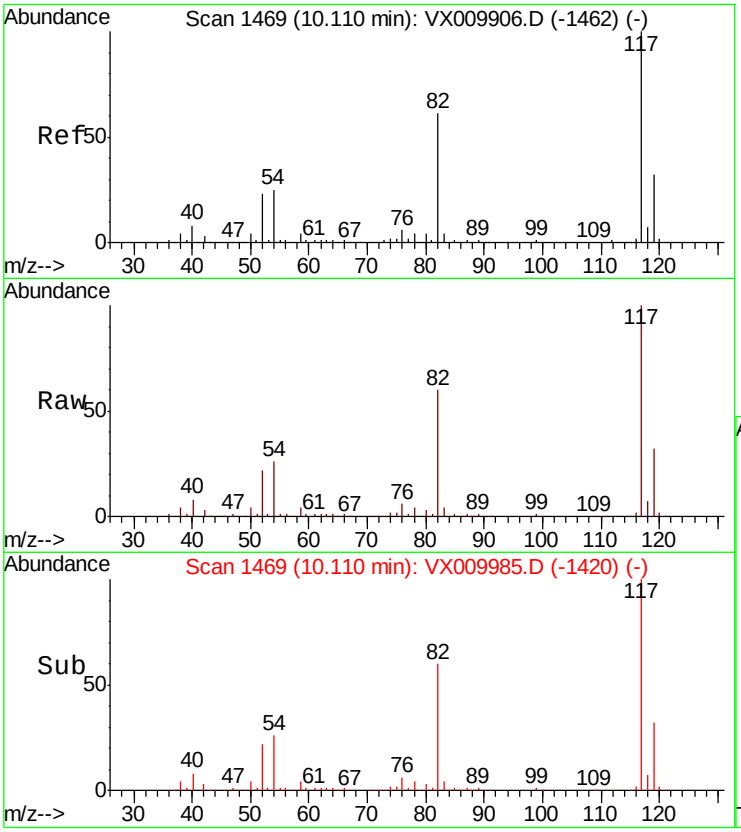


#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 95 Resp: 127507

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	160.4
176	79.1	0.0	154.6



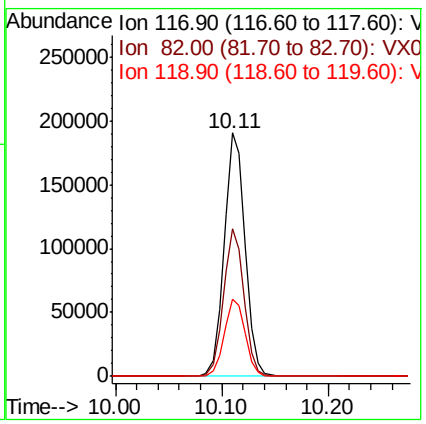


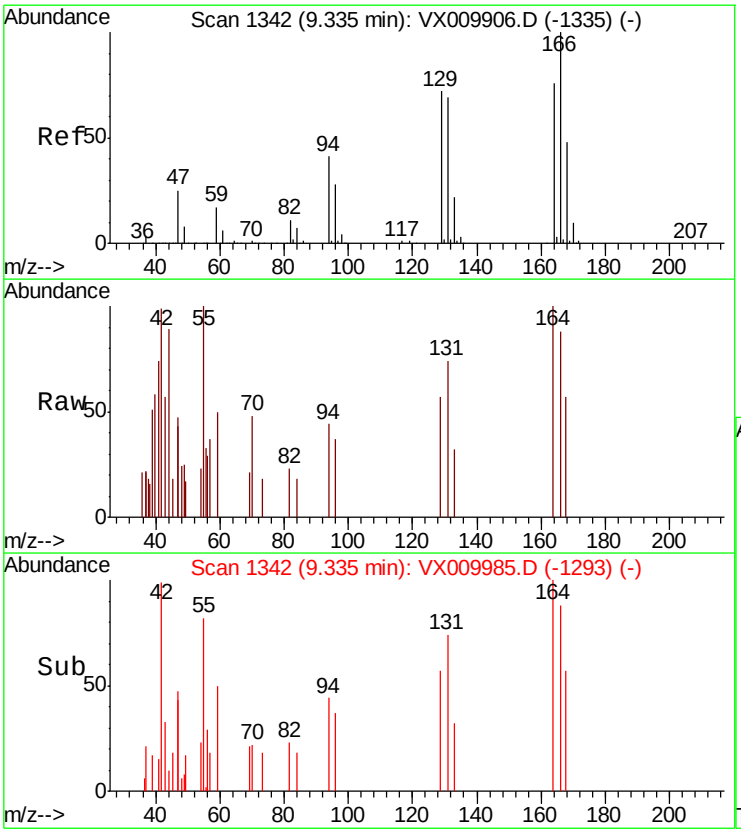
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument : MSVOA_X
ClientSampleId : COMP-2DL

Tgt Ion:117 Resp: 260976

Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.2	73.8
119	31.8	25.2	37.8

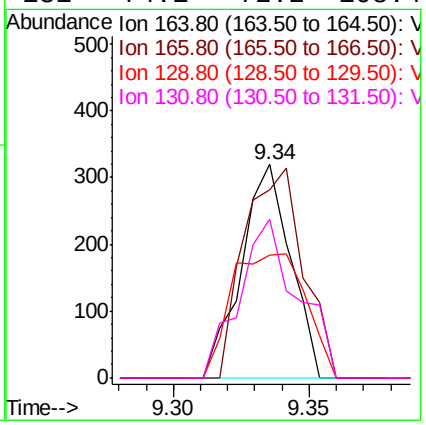


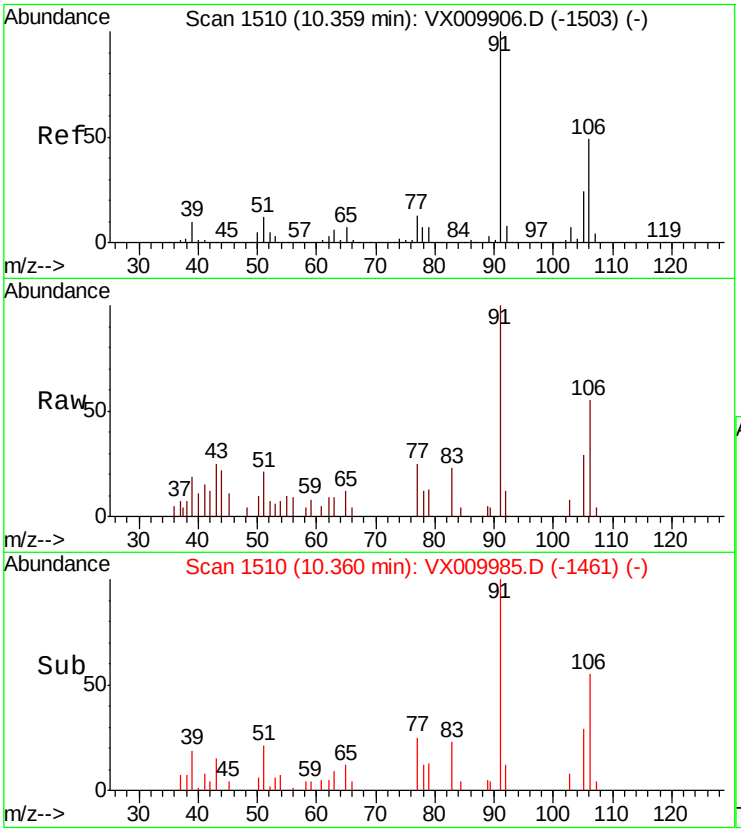


#64
Tetrachloroethene
Concen: 0.220 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:164 Resp: 401

Ion	Ratio	Lower	Upper
164	100		
166	87.8	105.0	157.4#
129	57.2	75.1	112.7#
131	74.1	72.2	108.4



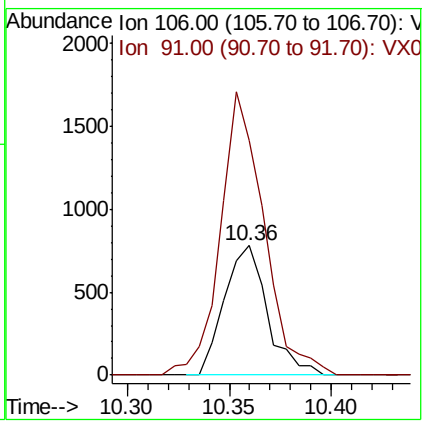


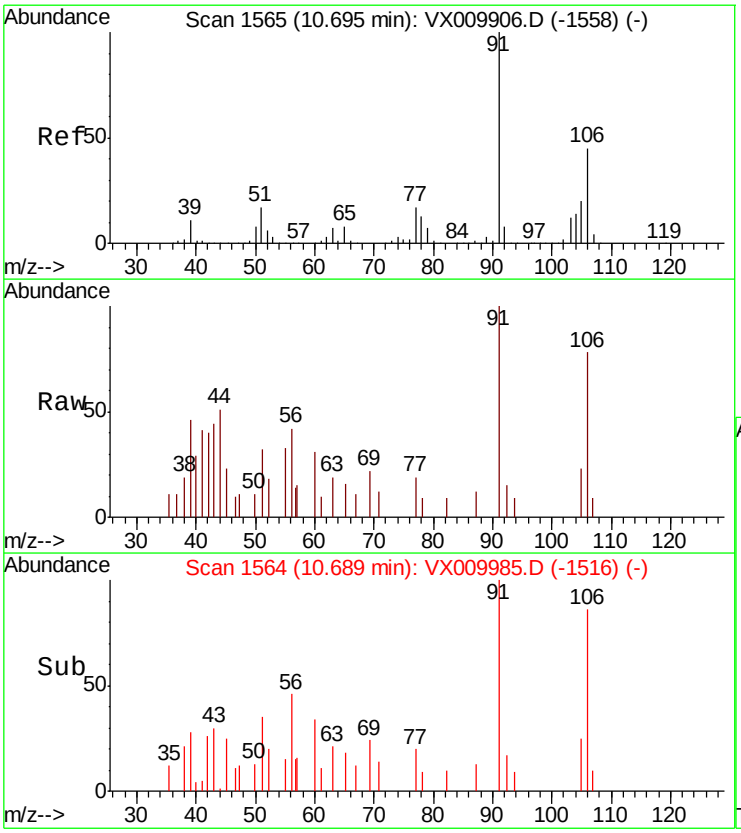
#68
m/p-Xylenes
Concen: 0.314 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion:106 Resp: 1138

Ion	Ratio	Lower	Upper
106	100		
91	222.1	167.3	250.9

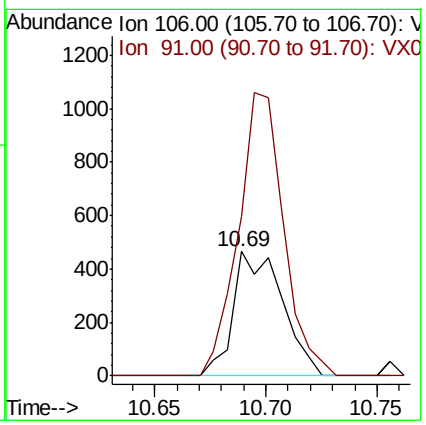


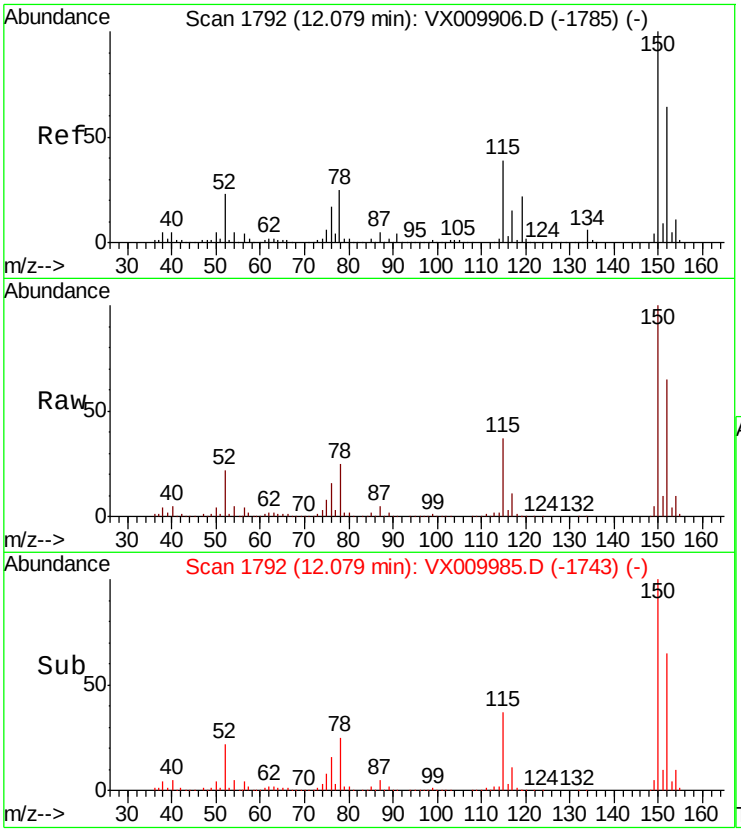


#69
o-Xylene
Concen: 0.206 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:106 Resp: 716

Ion	Ratio	Lower	Upper
106	100		
91	210.2	110.4	331.2



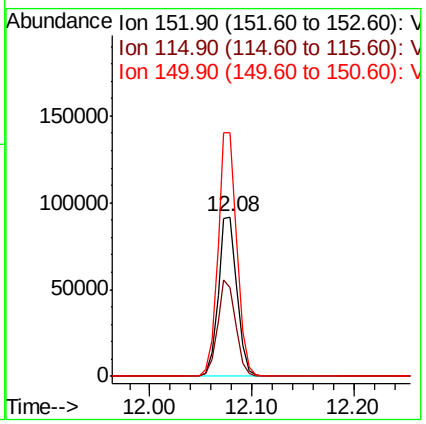


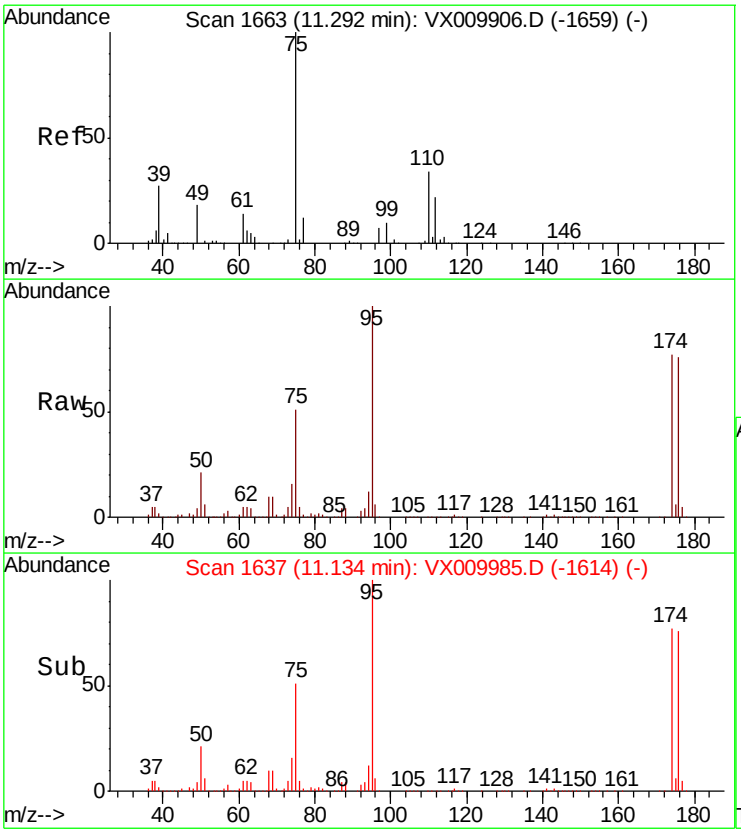
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion:152 Resp: 117434

Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.4	124.2
150	154.1	0.0	345.2

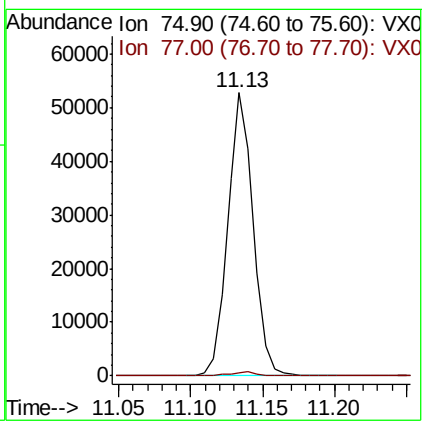


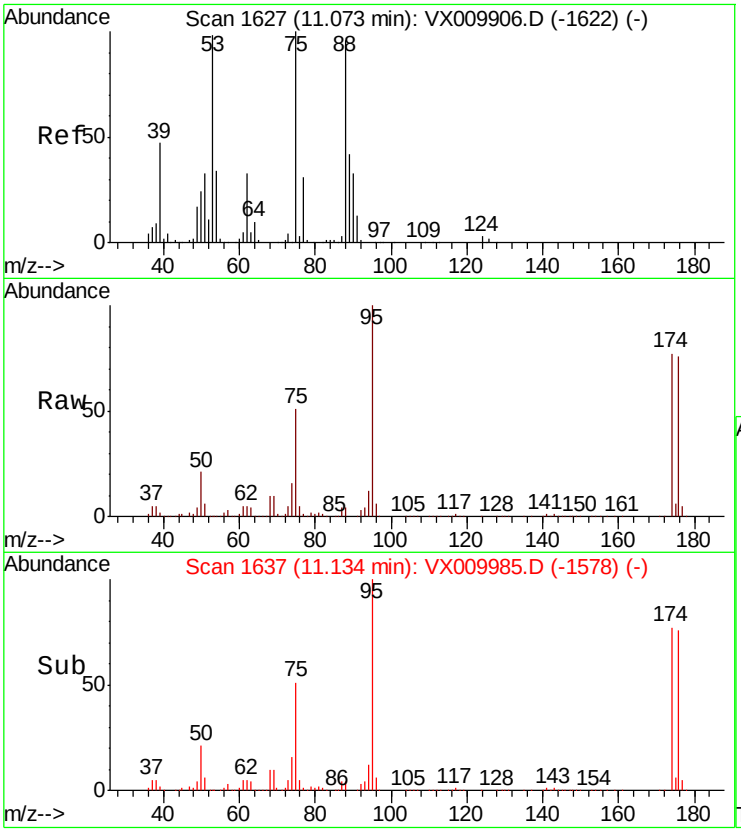


#76
1,2,3-Trichloropropane
Concen: 23.182 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion: 75 Resp: 65100

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#



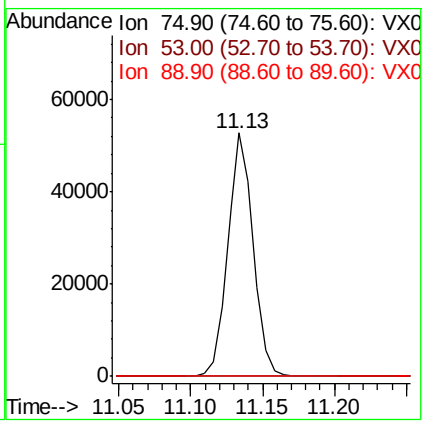


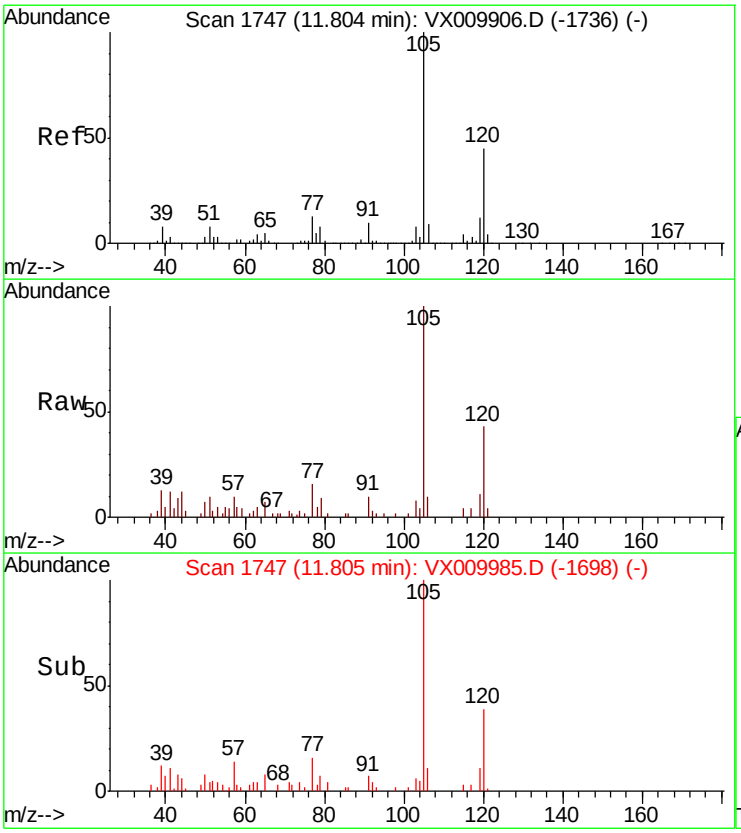
#81
trans-1,4-Dichloro-2-butene
Concen: 57.356 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion: 75 Resp: 65100

Ion	Ratio	Lower	Upper
75	100		
53	0.3	79.8	119.6#
89	0.0	34.2	51.4#

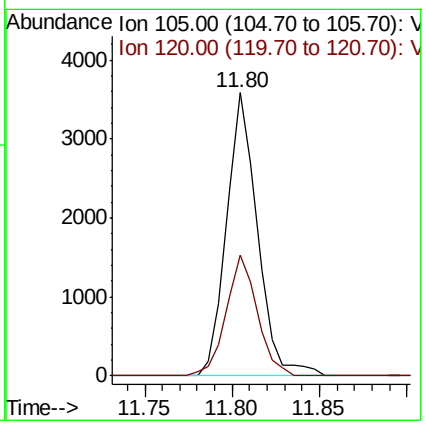


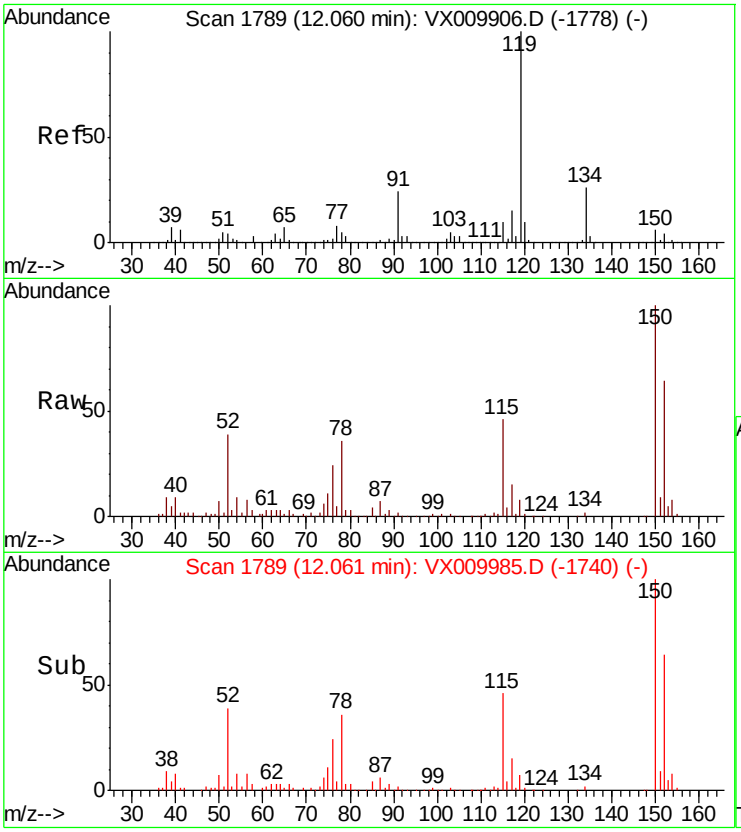


#84
1,2,4-Trimethylbenzene
Concen: 0.596 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:105 Resp: 4415

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.1	66.1



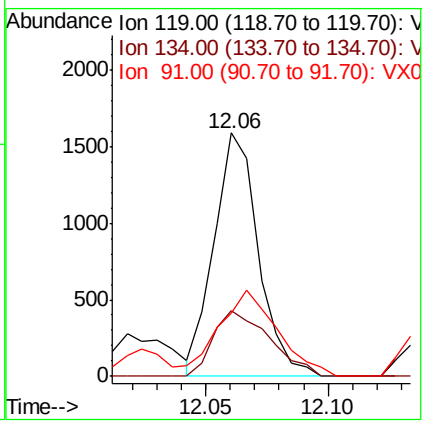


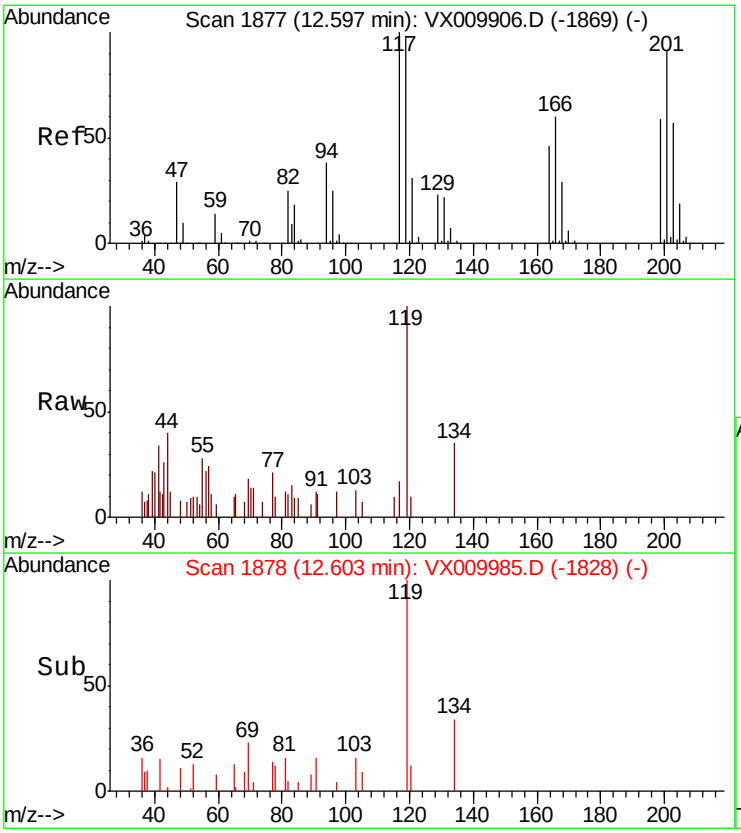
#86
p-Isopropyltoluene
Concen: 0.268 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion:119 Resp: 2005

Ion	Ratio	Lower	Upper
119	100		
134	34.5	12.9	38.6
91	47.4	11.9	35.9#

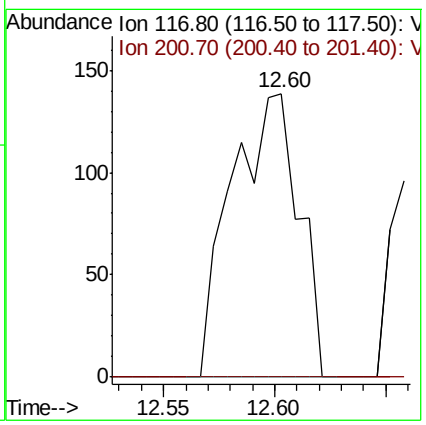


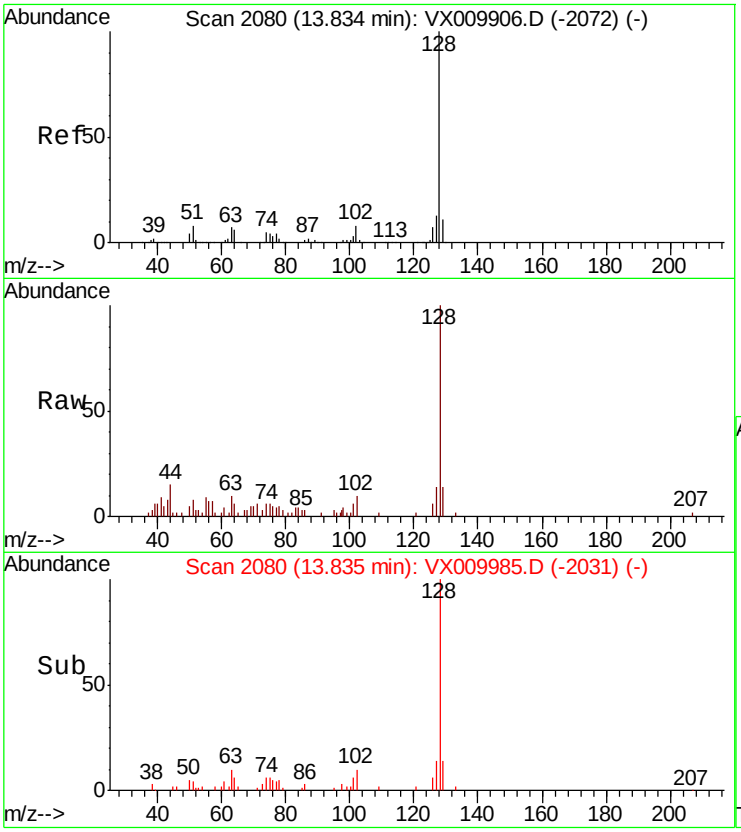


#90
Hexachloroethane
Concen: 0.227 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Tgt Ion:117 Resp: 291

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.6	130.9#





#95
Naphthalene
Concen: 0.463 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009985.D
Acq: 31 May 2019 15:13

Instrument :
MSVOA_X
ClientSampleId :
COMP-2DL

Tgt Ion:128 Resp: 3989

Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.6	16.0#
129	12.4	8.8	13.2