Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

Quantitation Report (Not Reviewed)

Data File : VX008829.D
Acq On : 11 Apr 2019 01:14
Operator : JC/SP
Sample : K2316-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SPLP-LECHATE-AMND-CS-4

Quant Time: Apr 11 05:59:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133147	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.22%			
35) Dibromofluoromethane	5.50	113	79365	38.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.20%			
50) Toluene-d8	8.71	98	402770	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.40%			
62) 4-Bromofluorobenzene	11.13	95	138356	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.32%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	278	Below Cal	#	80
5) Bromomethane	1.65	94	144	1.978	ug/l	82
6) Chloroethane	1.72	64	137	Below Cal	#	43
10) Methyl Iodide	2.52	142	44	4.024	ug/l #	42
11) Tert butyl alcohol	3.04	59	690	1.032	ug/l #	94
16) Acetone	2.44	43	28073	17.063	ug/l	97
17) Carbon Disulfide	2.57	76	1451	Below Cal	#	93
18) Methyl Acetate	2.77	43	1474	0.369	ug/l	97
20) Methylene Chloride	2.85	84	3228	1.172	ug/l	97
25) 2-Butanone	4.68	43	5534	2.128	ug/l #	88
28) Bromochloromethane	4.98	49	20	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	2492	1.444	ug/l	94
31) Cyclohexane	5.66	56	4399	0.891	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15829	4.504	ug/l #	51
37) Ethyl Acetate	4.68	43	5534	1.180	ug/l #	72
38) Carbon Tetrachloride	5.66	117	18872	6.487	ug/l #	17
51) 4-Methyl-2-Pentanone	8.64	43	1230	0.260	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	69270	20.494	ug/l #	34
79) 2-Chlorotoluene	11.42	91	2448	0.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	69270	56.493	ug/l #	9
82) 4-Chlorotoluene	11.42	91	2448	0.294	ug/l	90
95) Naphthalene	13.83	128	2099	0.207	ug/l	99

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

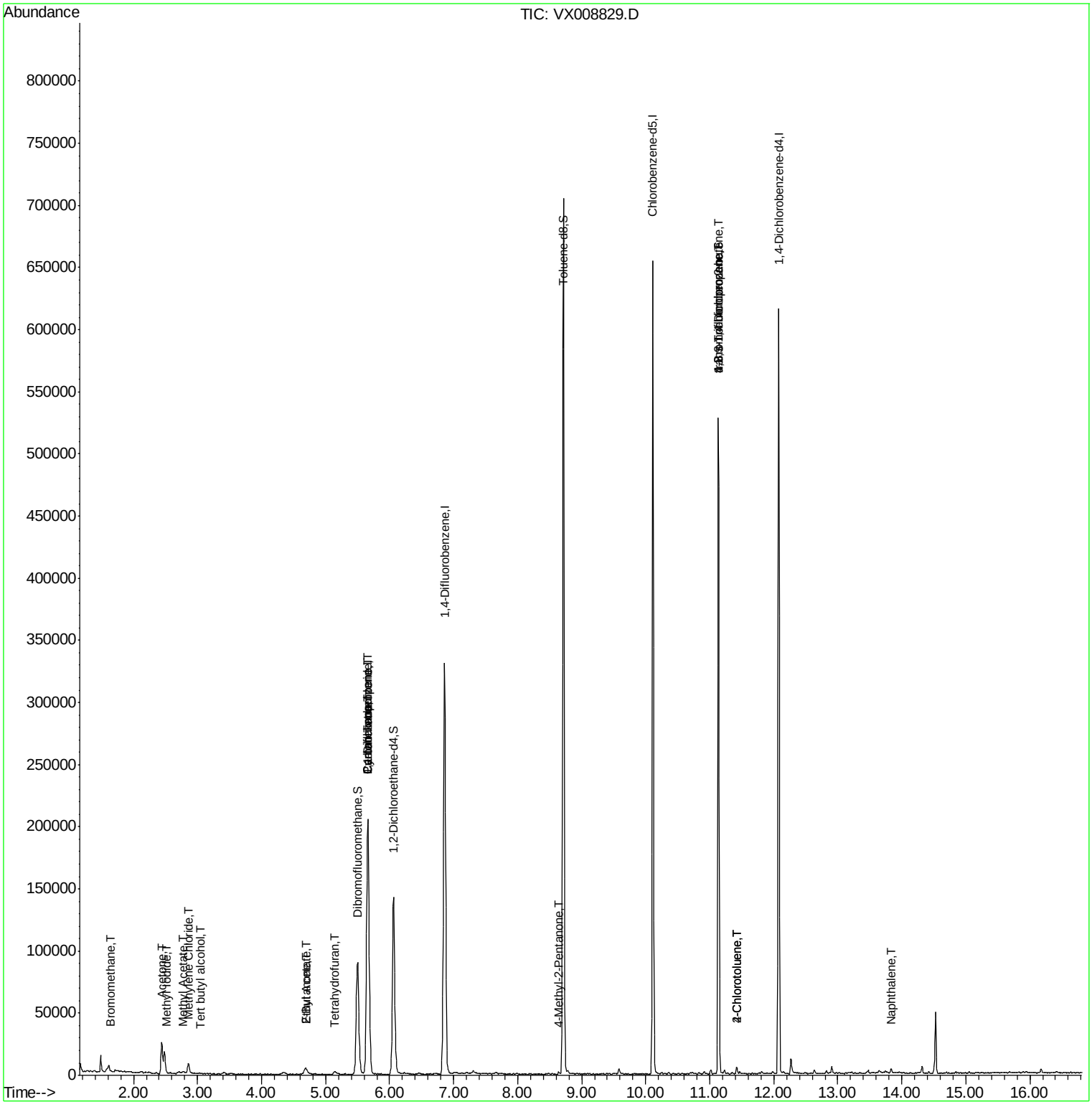
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

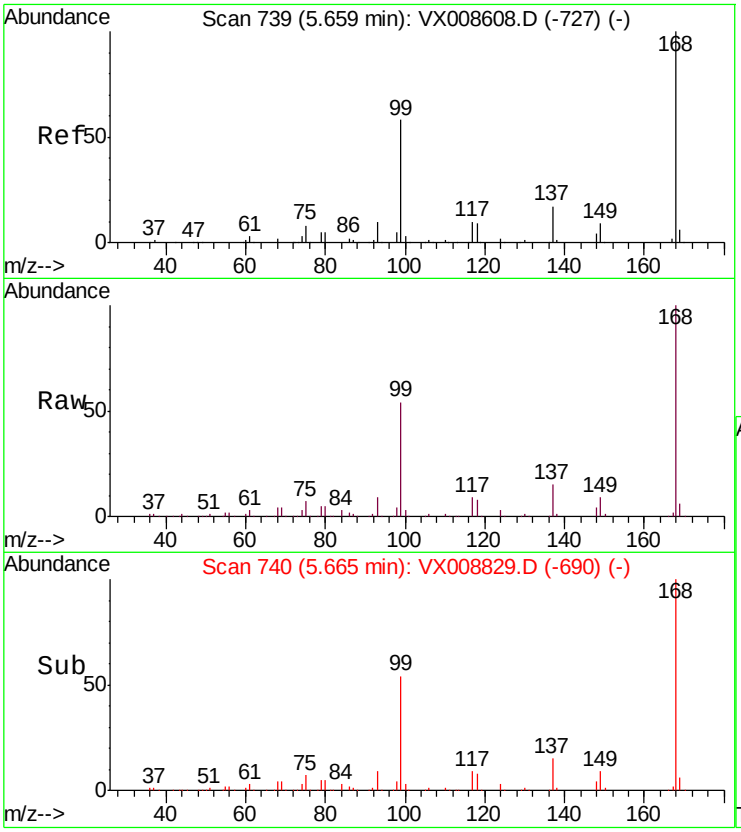
Quantitation Report (Not Reviewed)

Data File : VX008829.D
Acq On : 11 Apr 2019 01:14
Operator : JC/SP
Sample : K2316-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Quant Time: Apr 11 05:59:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



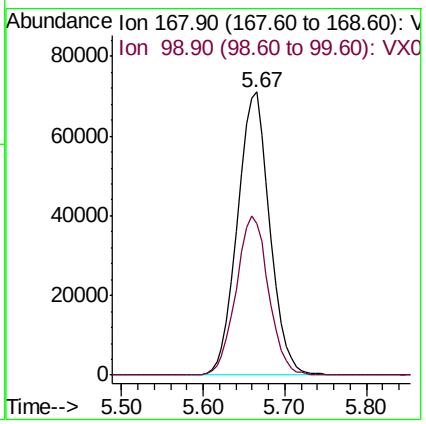


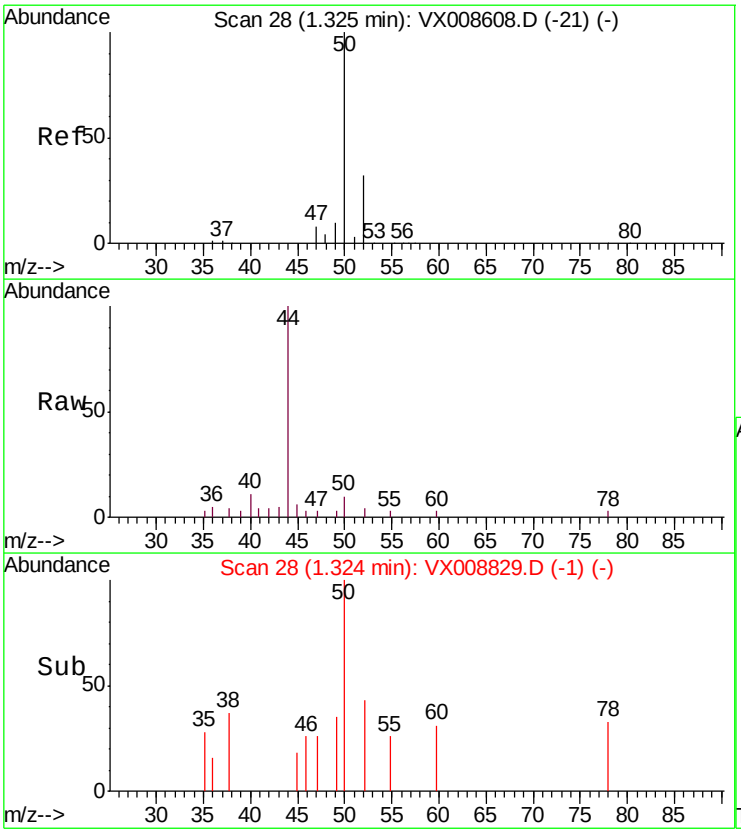
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion:168 Resp: 195846

Ion	Ratio	Lower	Upper
168	100		
99	53.7	46.7	70.1

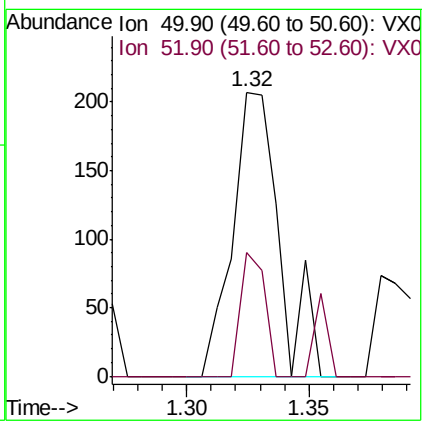


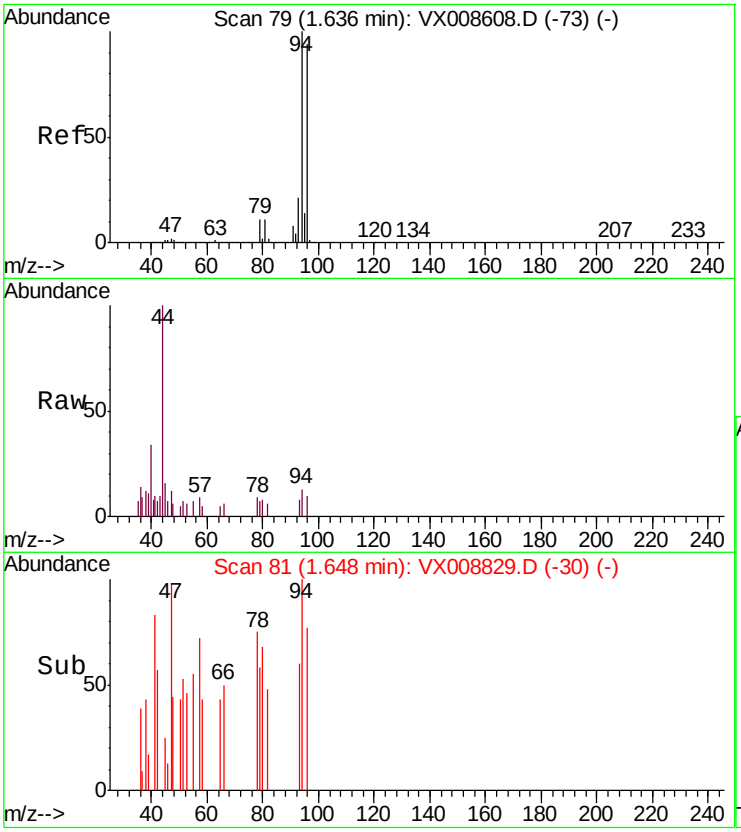


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 50 Resp: 278

Ion	Ratio	Lower	Upper
50	100		
52	43.5	25.8	38.8#



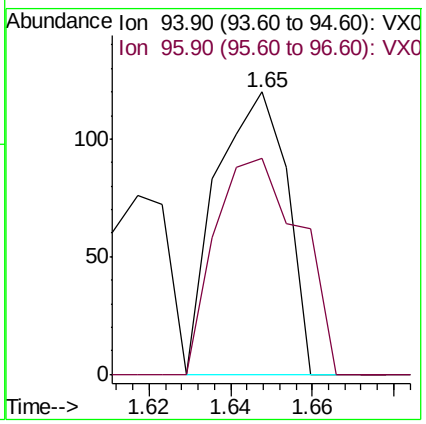


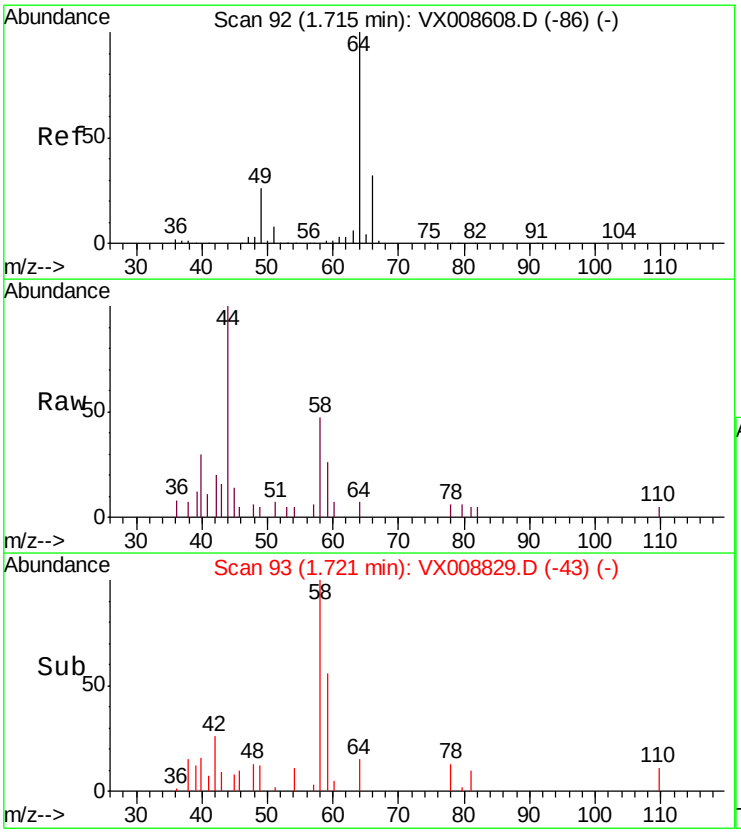
#5
Bromomethane
Concen: 1.978 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 94 Resp: 144

Ion	Ratio	Lower	Upper
94	100		
96	76.7	75.2	112.8

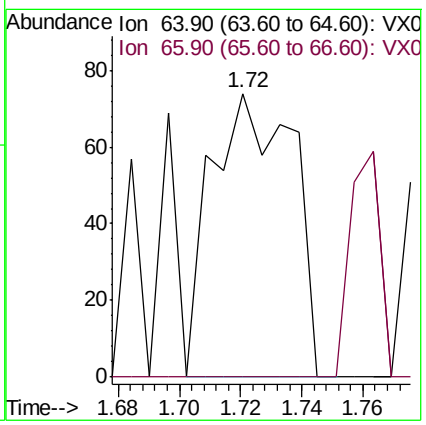


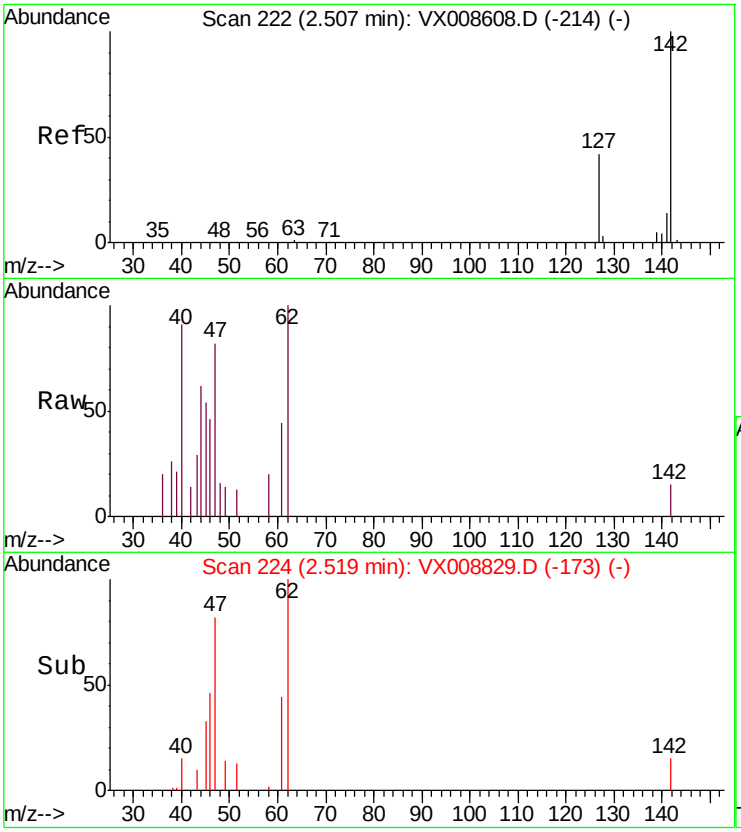


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 64 Resp: 137

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



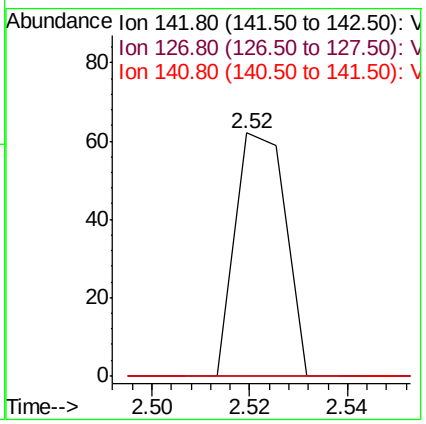


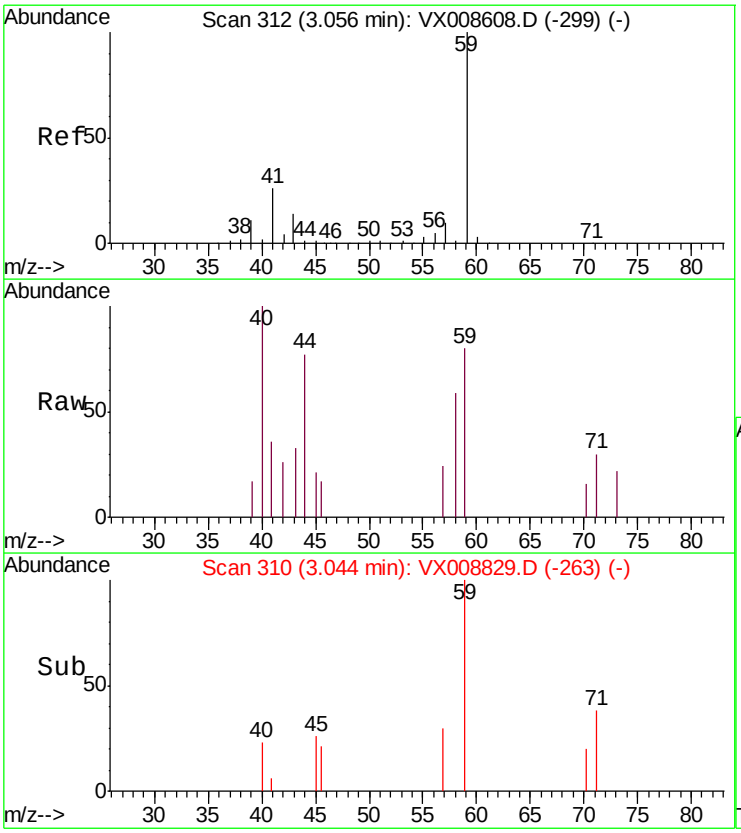
#10
Methyl Iodide
Concen: 4.024 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion:142 Resp: 44

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.6#
141	0.0	11.4	17.2#

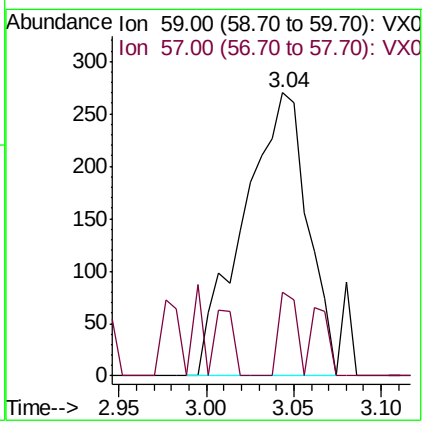


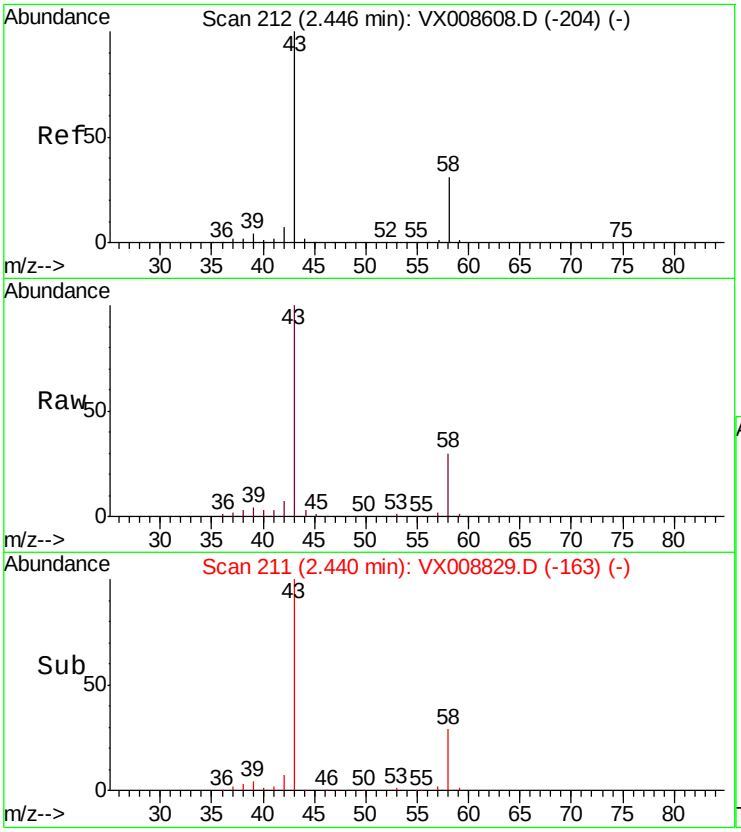


#11
Tert butyl alcohol
Concen: 1.032 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 59 Resp: 690

Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.3	12.5#



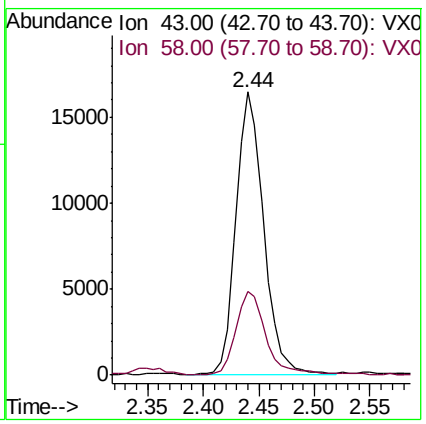


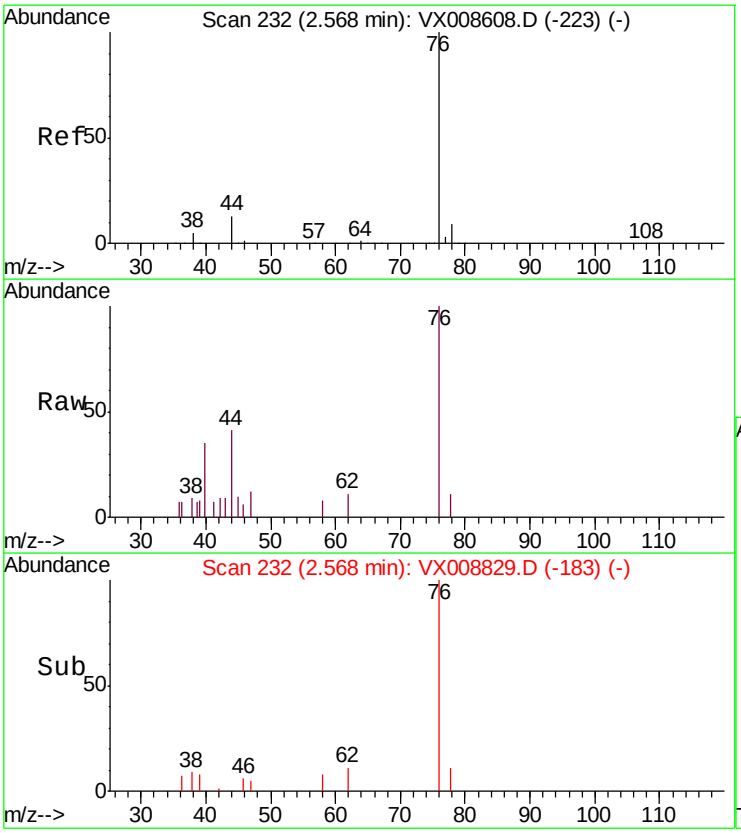
#16
Acetone
Concen: 17.063 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 43 Resp: 28073

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.8	37.2

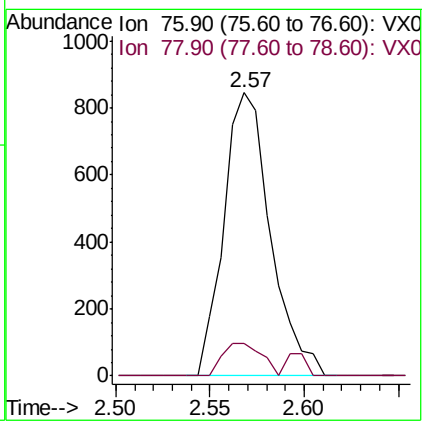


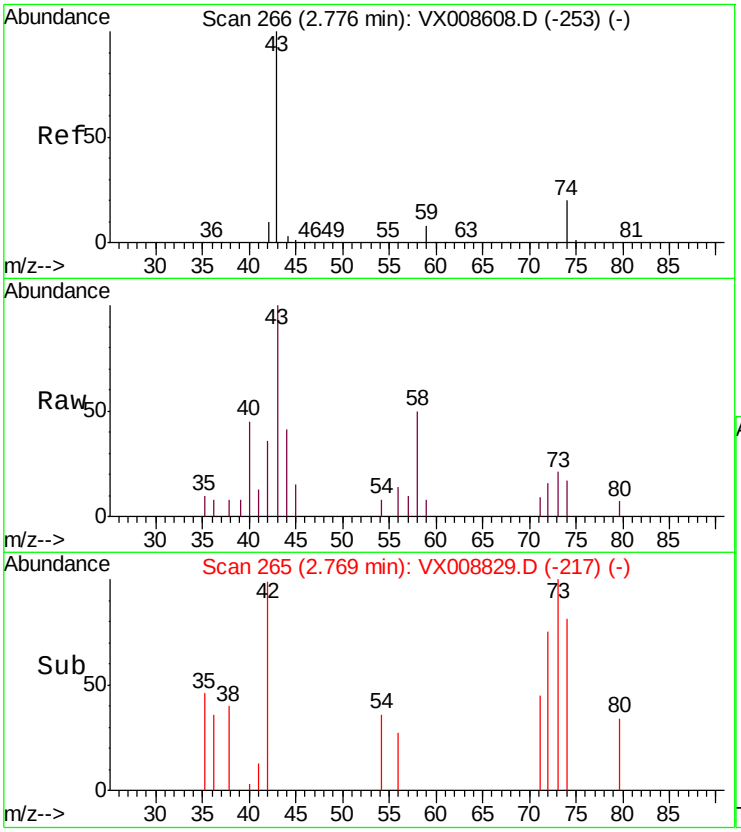


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 76 Resp: 1451

Ion	Ratio	Lower	Upper
76	100		
78	11.5	7.1	10.7#



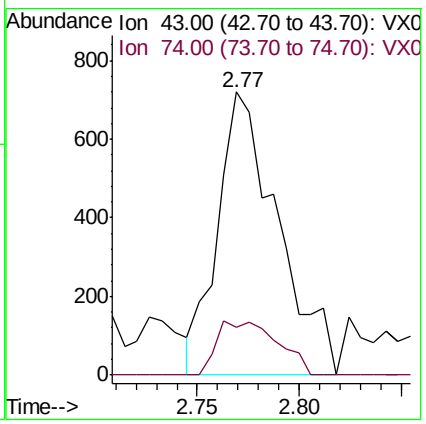


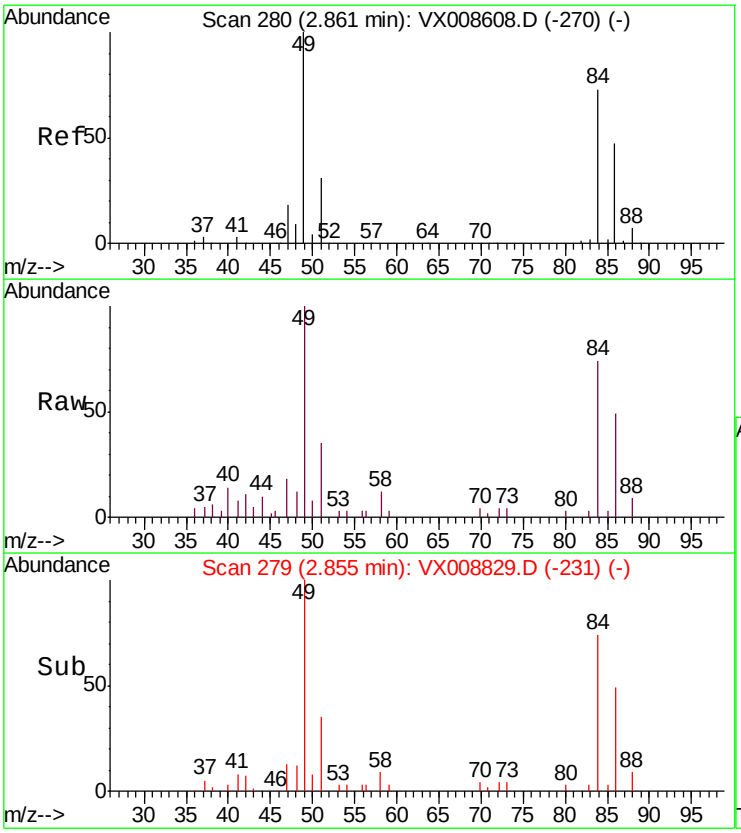
#18
Methyl Acetate
Concen: 0.369 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 43 Resp: 1474

Ion	Ratio	Lower	Upper
43	100		
74	19.2	16.5	24.7

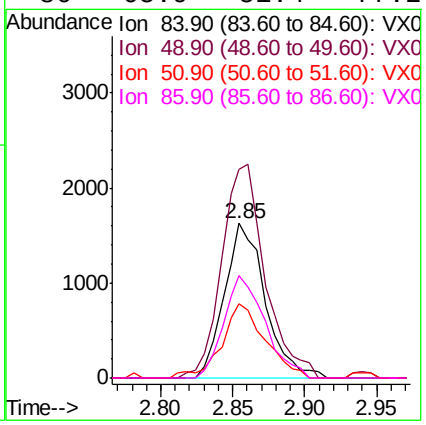


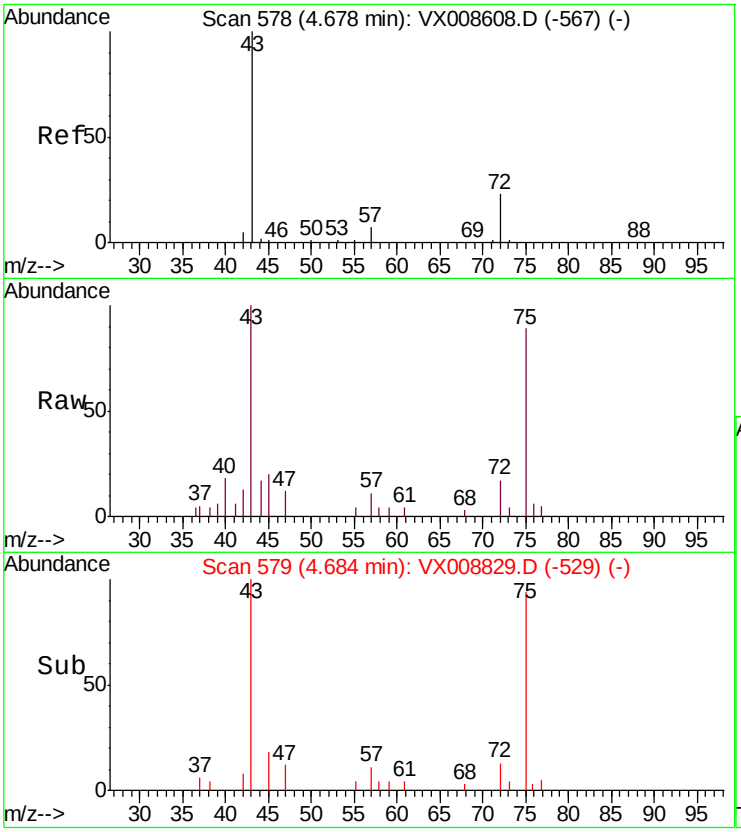


#20
Methylene Chloride
Concen: 1.172 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 84 Resp: 3228

Ion	Ratio	Lower	Upper
84	100		
49	134.7	109.7	164.5
51	47.8	33.6	50.4
86	65.9	51.4	77.2



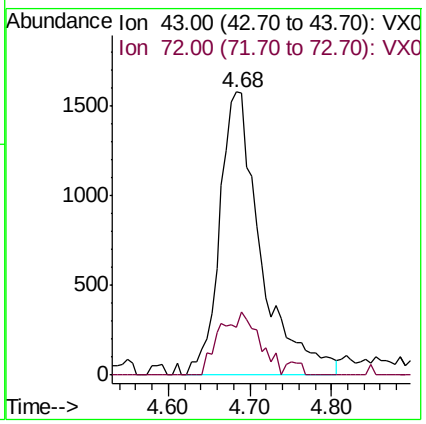


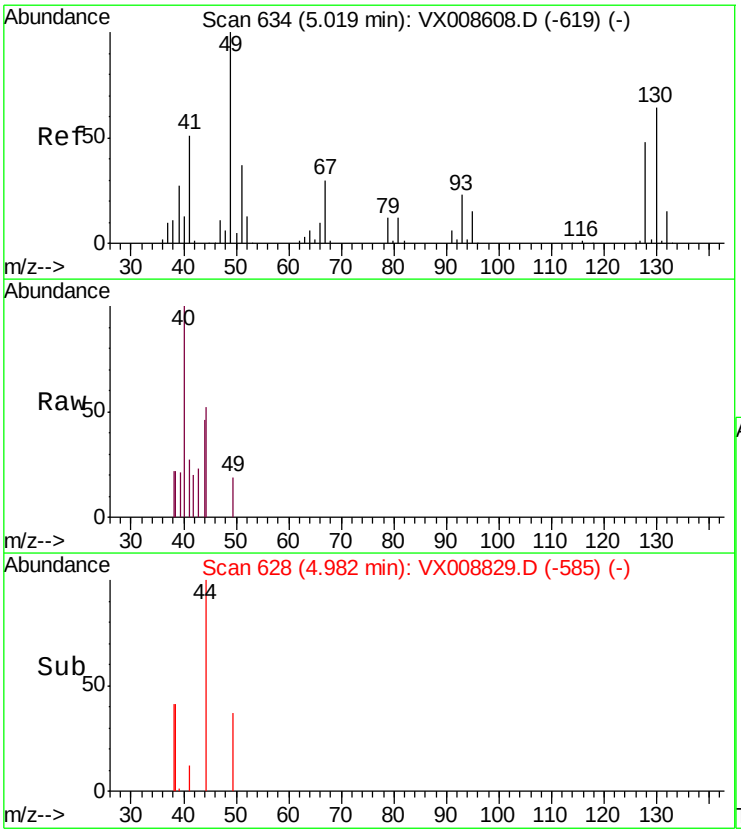
#25
2-Butanone
Concen: 2.128 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 43 Resp: 5534

Ion	Ratio	Lower	Upper
43	100		
72	16.9	18.2	27.4#

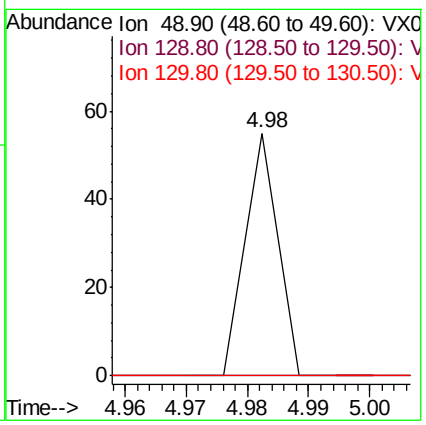


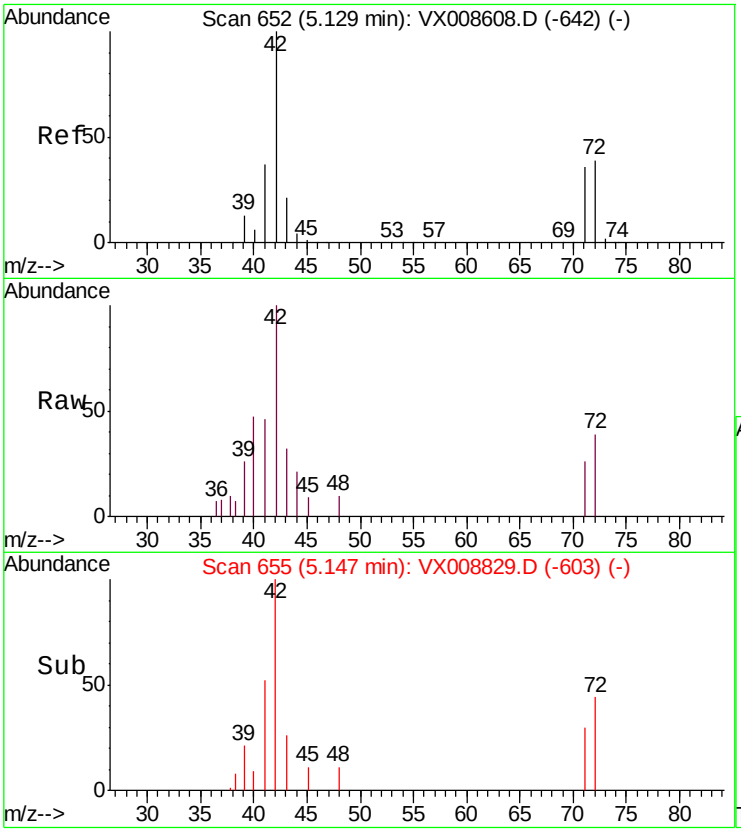


#28
Bromochloromethane
Concen: Below Cal
RT: 4.98 min Scan# 628
Delta R.T. -0.04 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 49 Resp: 20

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#



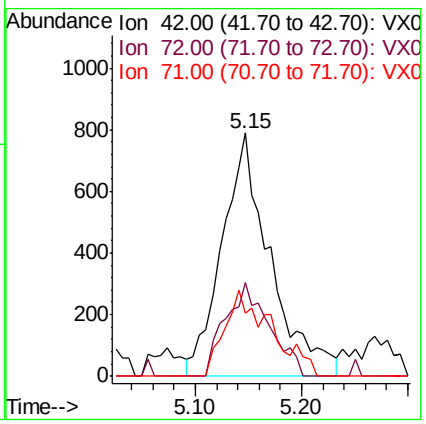


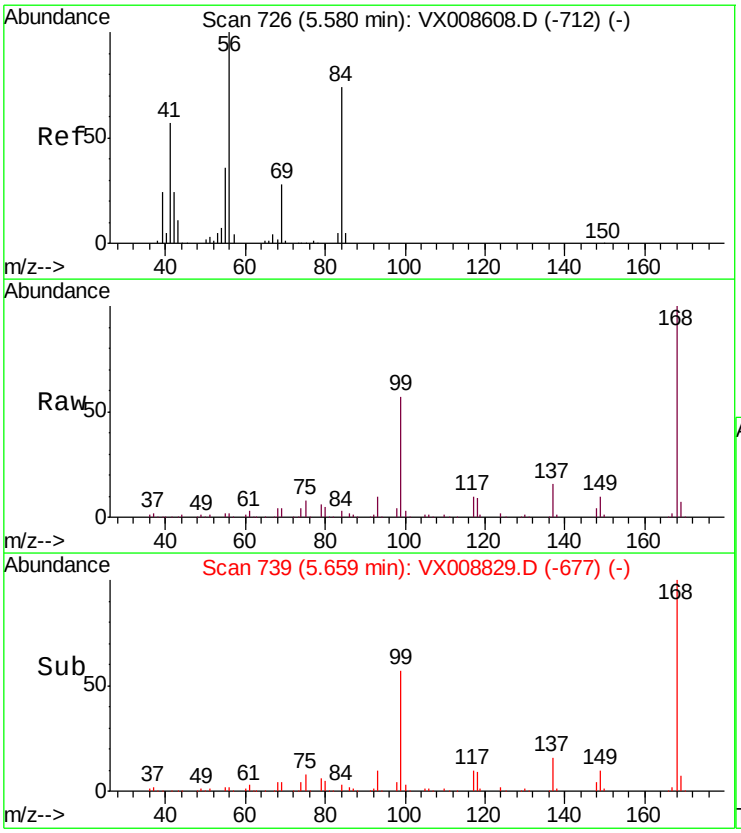
#29
Tetrahydrofuran
Concen: 1.444 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 42 Resp: 2492

Ion	Ratio	Lower	Upper
42	100		
72	35.2	30.5	45.7
71	31.1	28.6	43.0

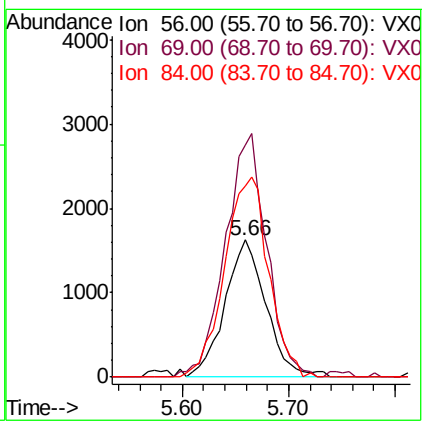


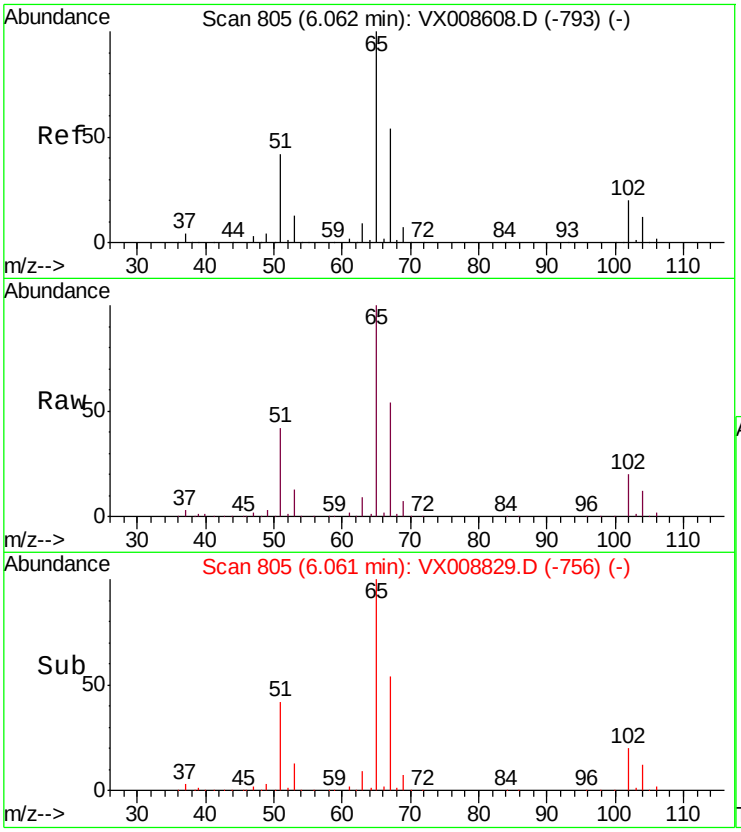


#31
Cyclohexane
Concen: 0.891 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 56 Resp: 4399

Ion	Ratio	Lower	Upper
56	100		
69	165.0	22.6	33.8#
84	139.7	59.3	88.9#



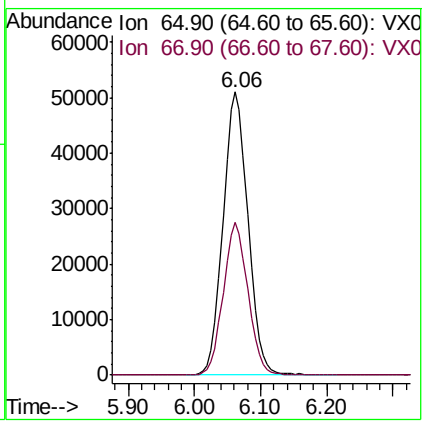


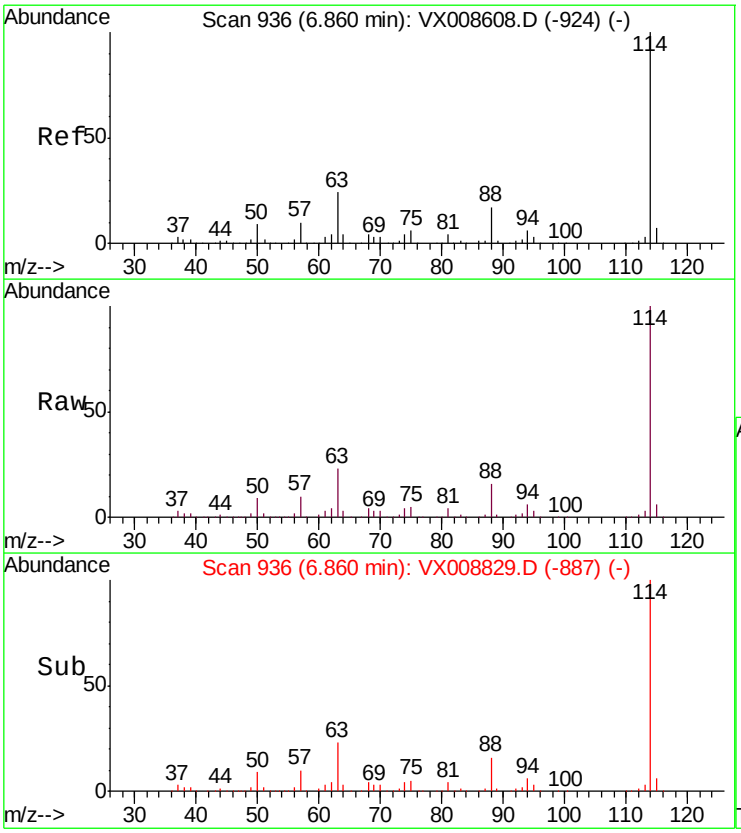
#33
1,2-Dichloroethane-d4
Concen: 46.611 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 65 Resp: 133147

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

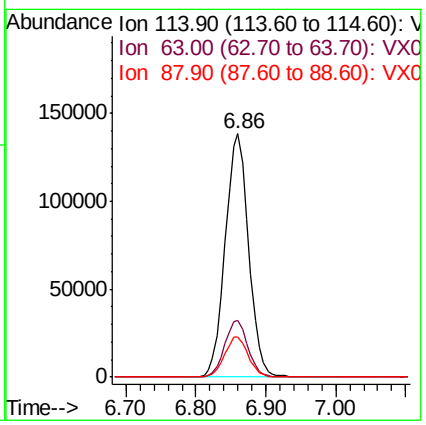


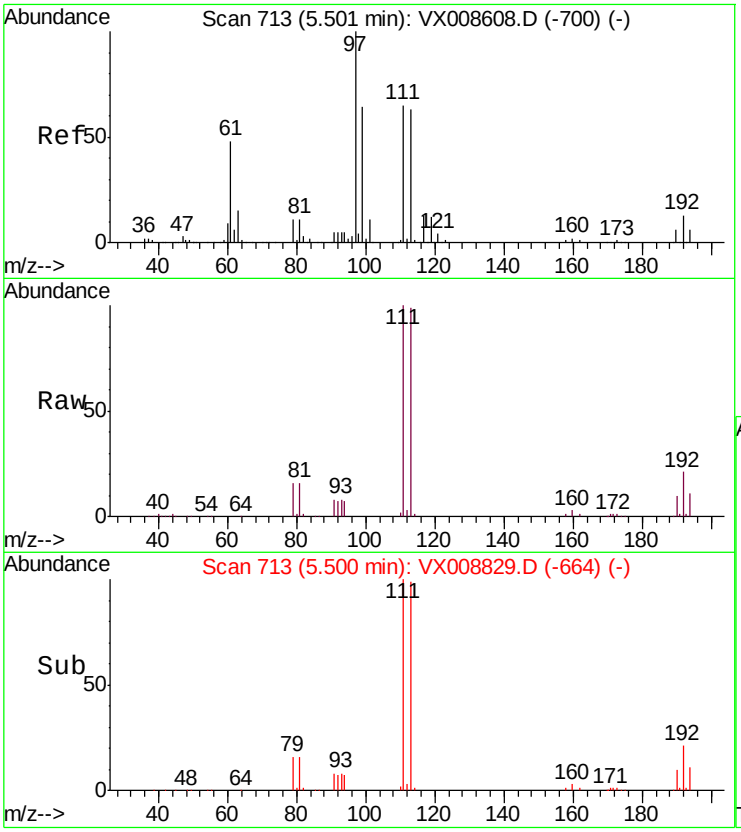


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion:114 Resp: 321543

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.2
88	16.4	0.0	34.0



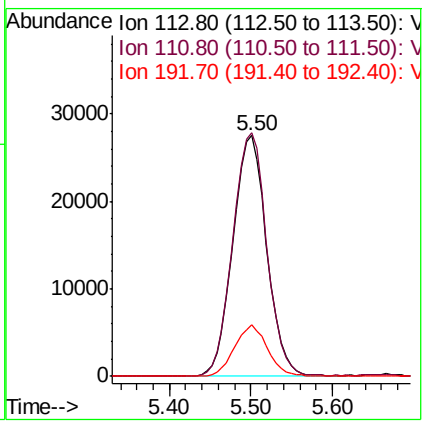


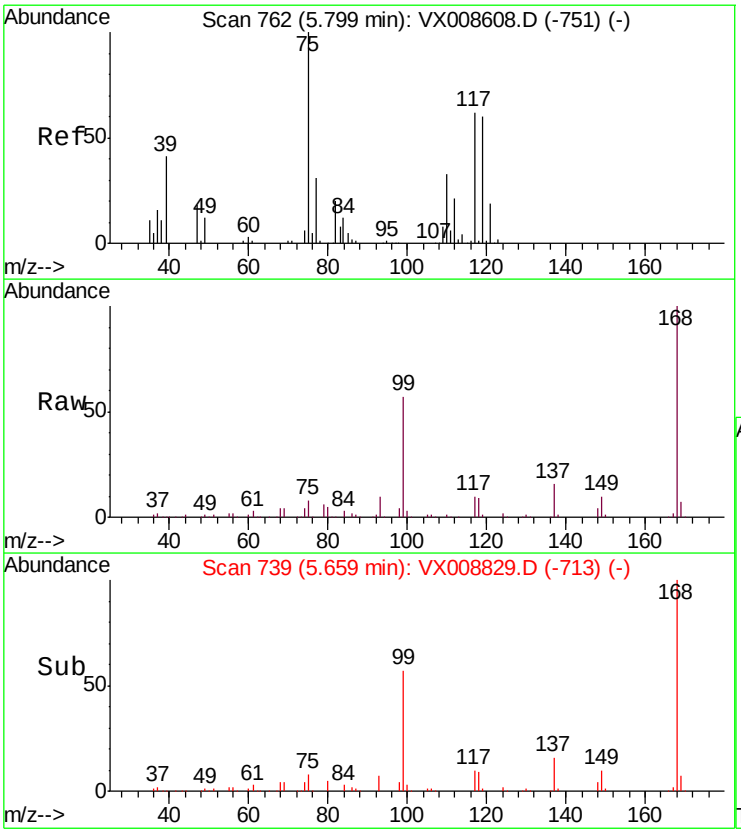
#35
Dibromofluoromethane
Concen: 38.605 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion:113 Resp: 79365

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	20.8	16.1	24.1

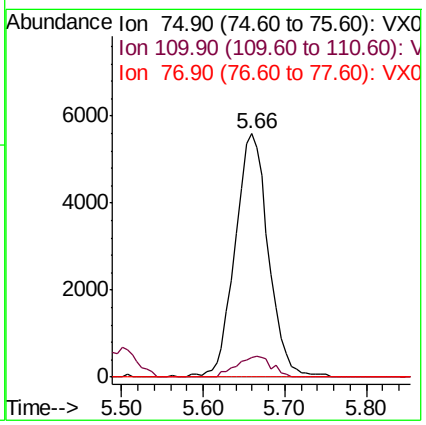


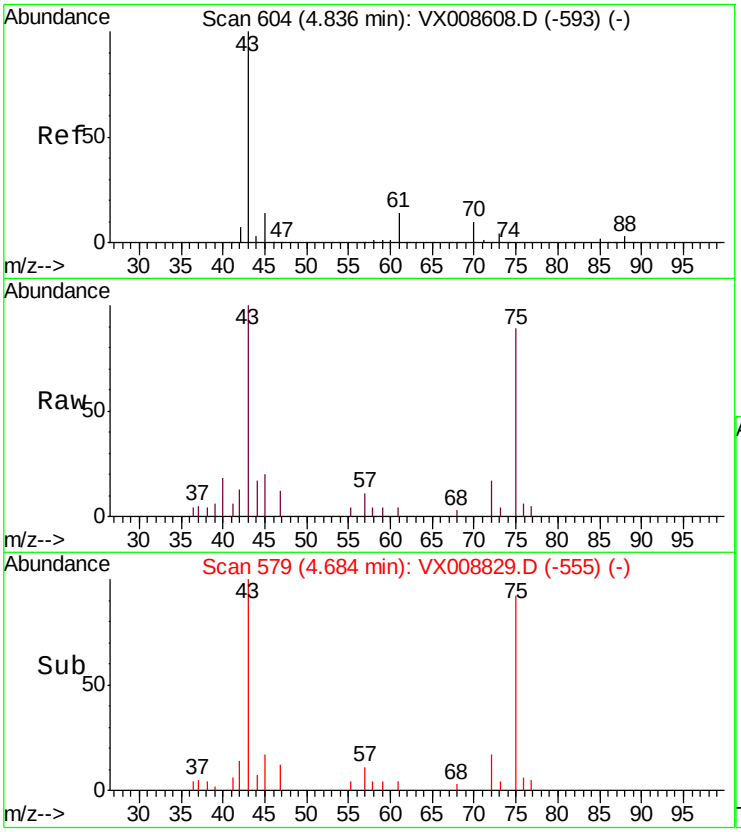


#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 75 Resp: 15829

Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.4	49.2#
77	0.0	24.7	37.1#



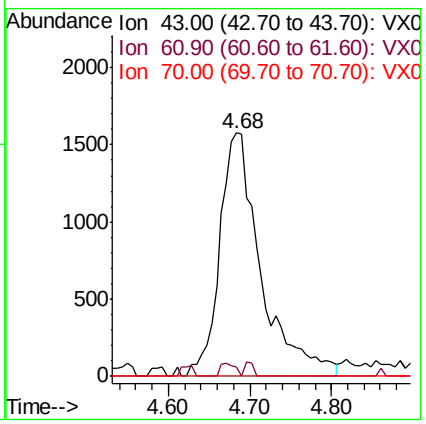


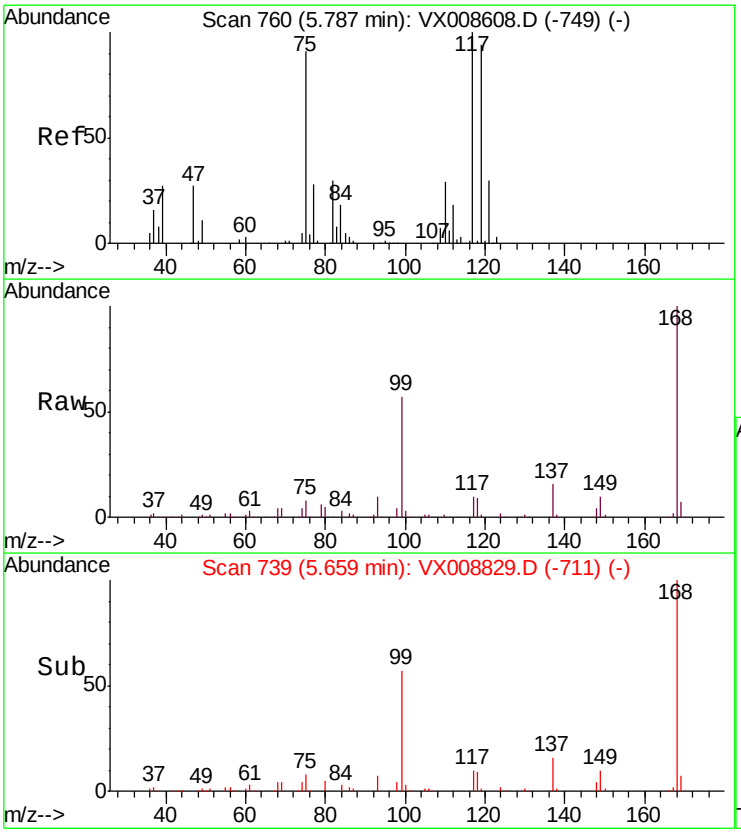
#37
Ethyl Acetate
Concen: 1.180 ug/l
RT: 4.68 min Scan# 579
Delta R.T. -0.15 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 43 Resp: 5534

Ion	Ratio	Lower	Upper
43	100		
61	1.2	10.3	15.5#
70	0.0	7.6	11.4#

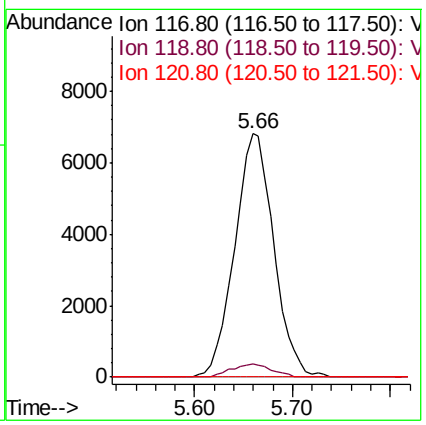


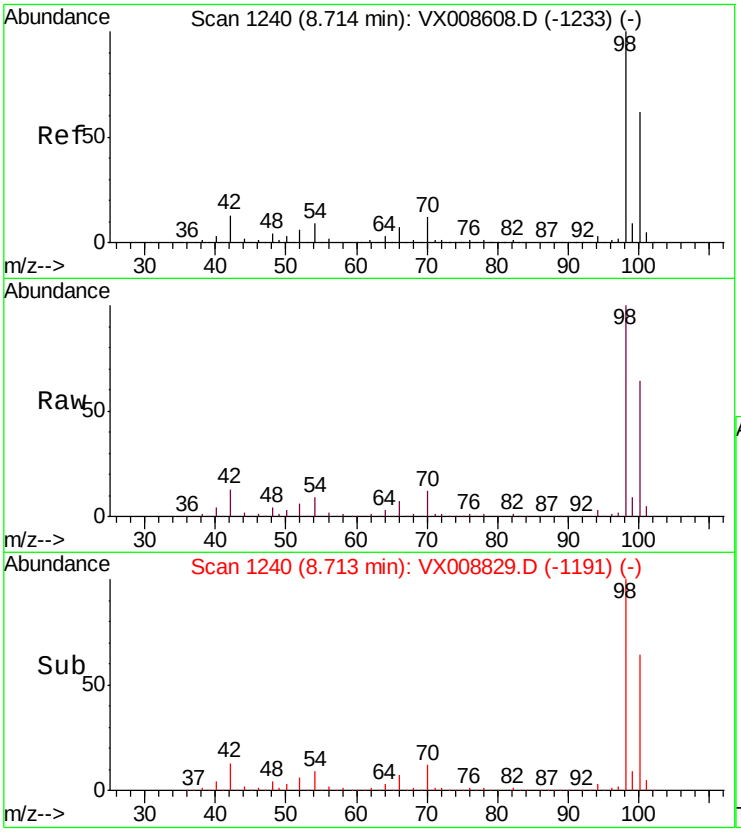


#38
Carbon Tetrachloride
Concen: 6.487 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion:117 Resp: 18872

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.0	112.6#
121	0.0	24.3	36.5#



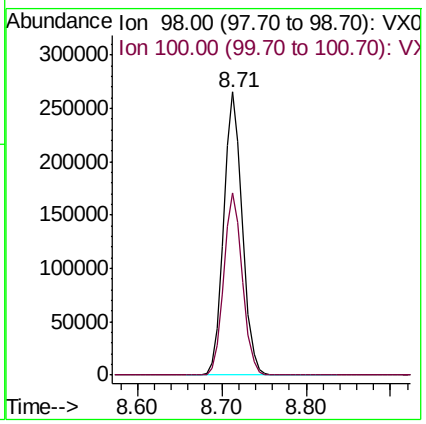


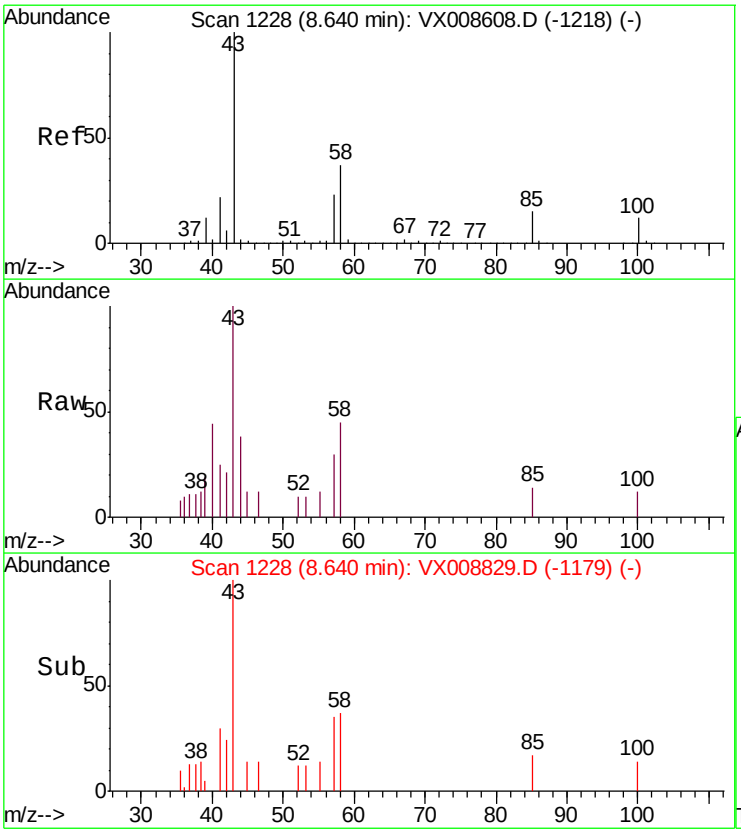
#50
Toluene-d8
Concen: 49.204 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 98 Resp: 402770

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0

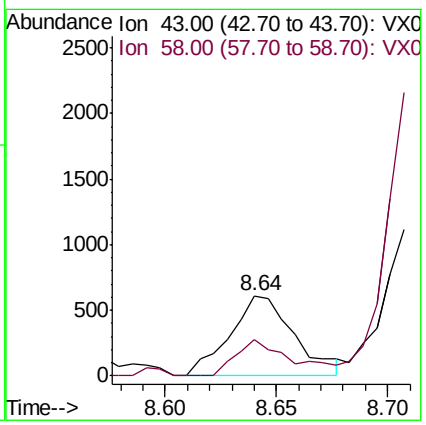


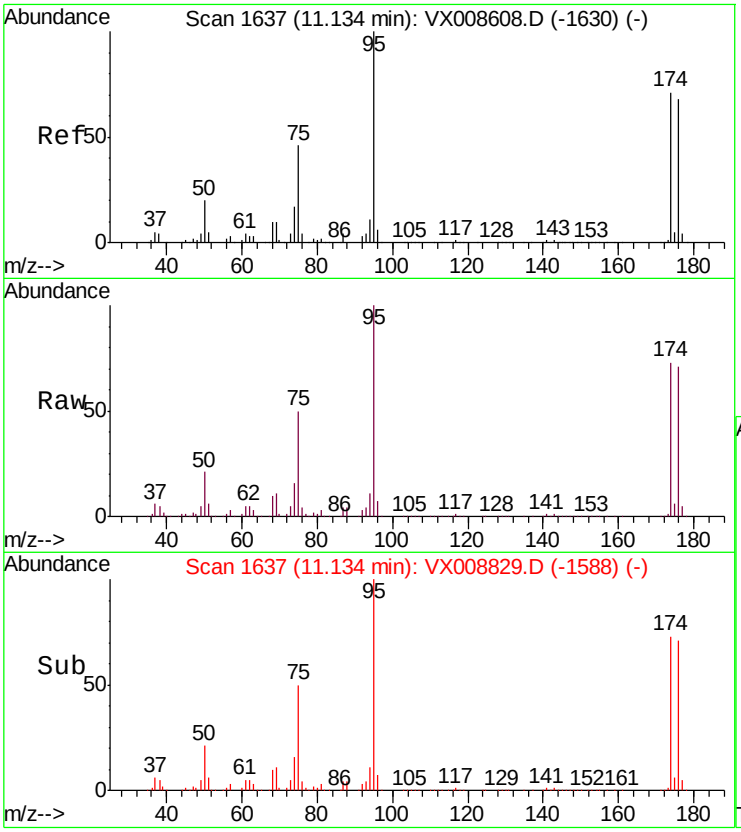


#51
4-Methyl-2-Pentanone
Concen: 0.260 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 43 Resp: 1230

Ion	Ratio	Lower	Upper
43	100		
58	39.8	29.5	44.3



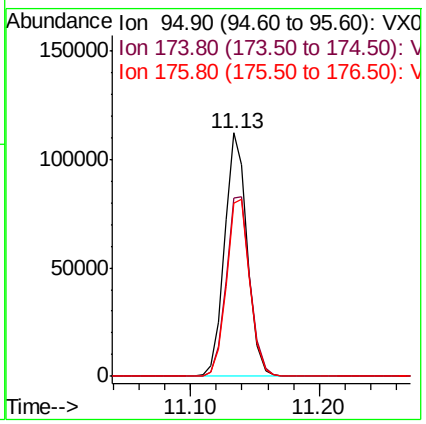


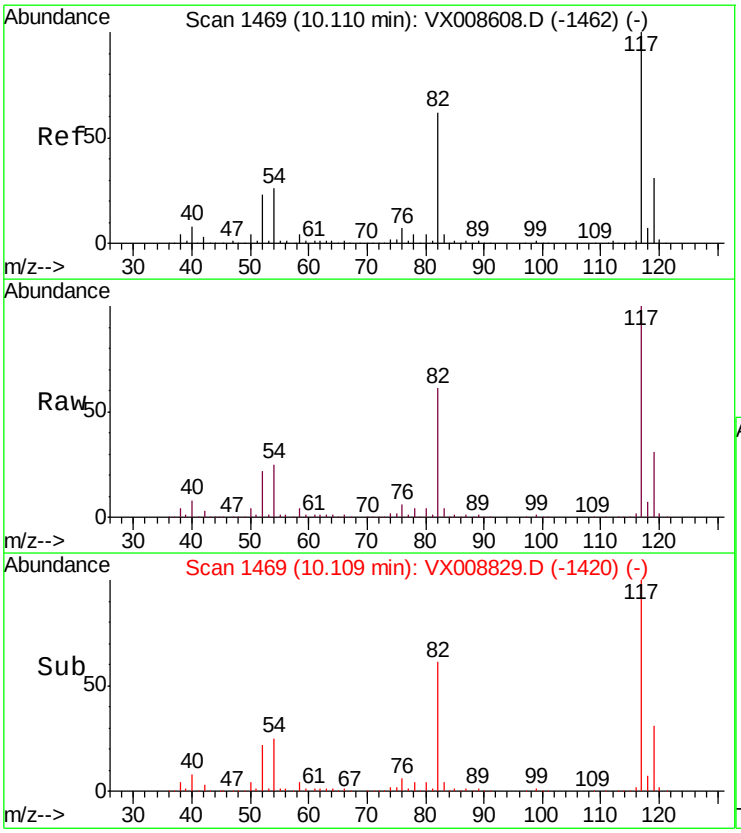
#62
4-Bromofluorobenzene
Concen: 47.663 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 95 Resp: 138356

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	151.8
176	74.9	0.0	145.8

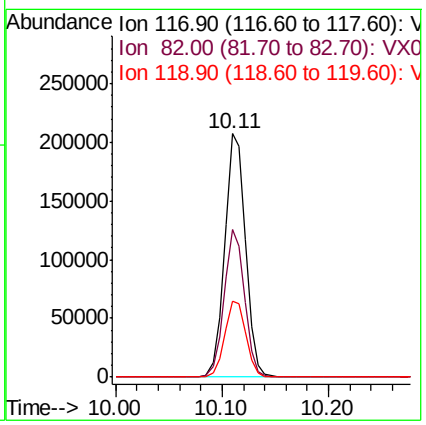


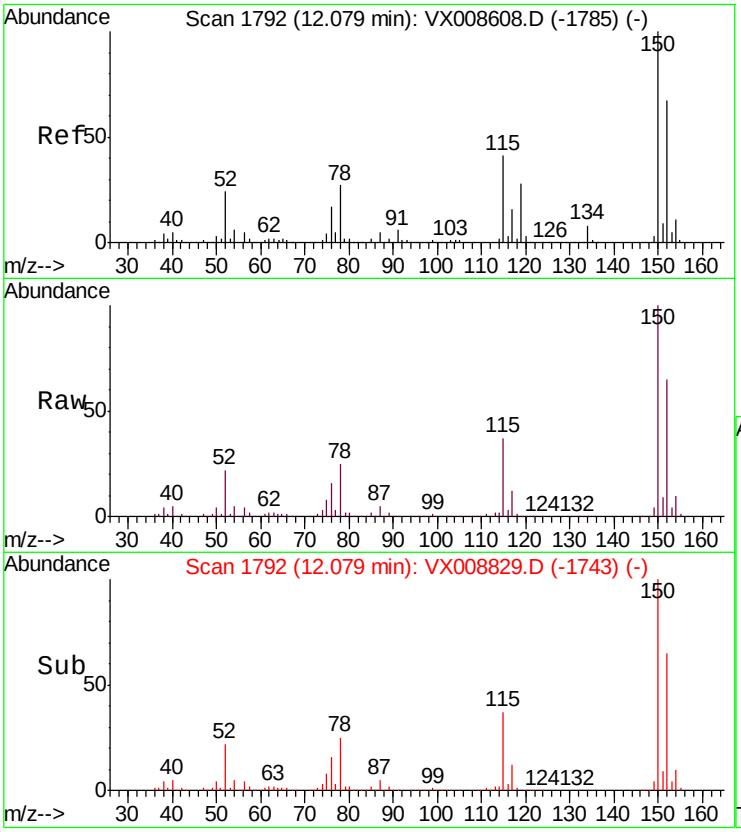


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion:117 Resp: 283578

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.6	74.4
119	31.3	25.0	37.4



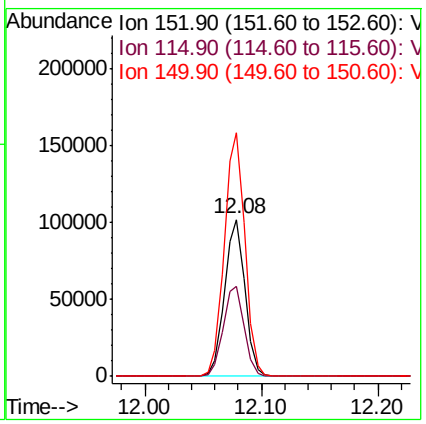


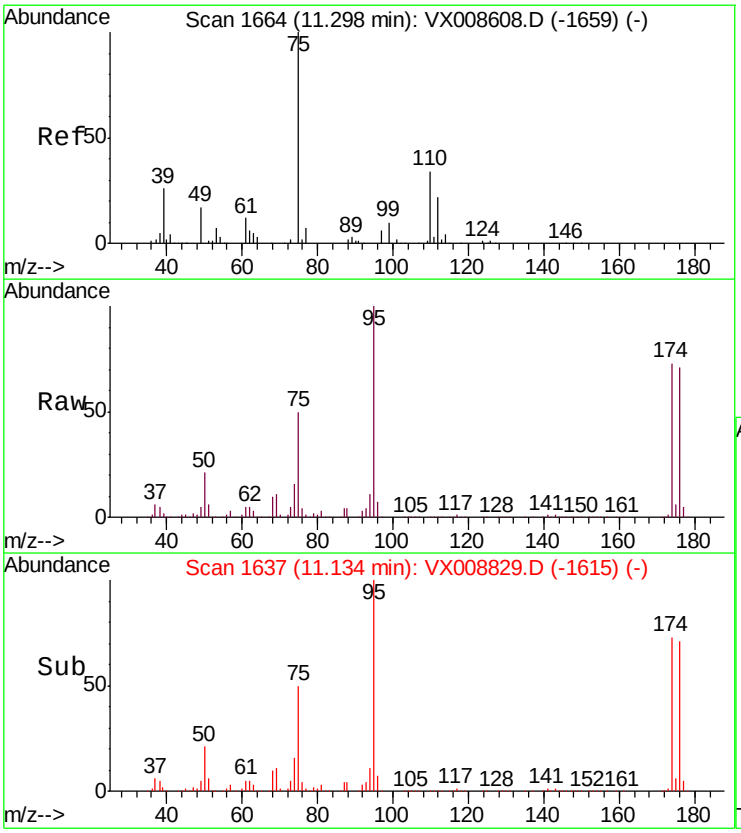
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion:152 Resp: 123039

Ion	Ratio	Lower	Upper
152	100		
115	59.2	43.5	130.5
150	157.1	0.0	348.8

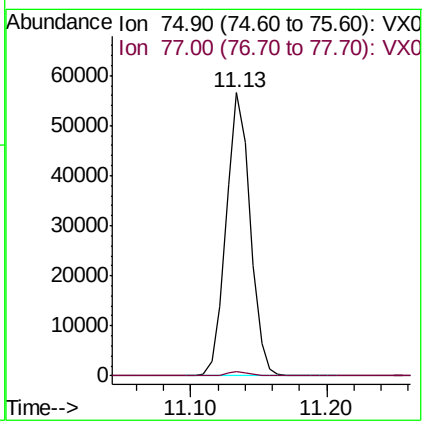


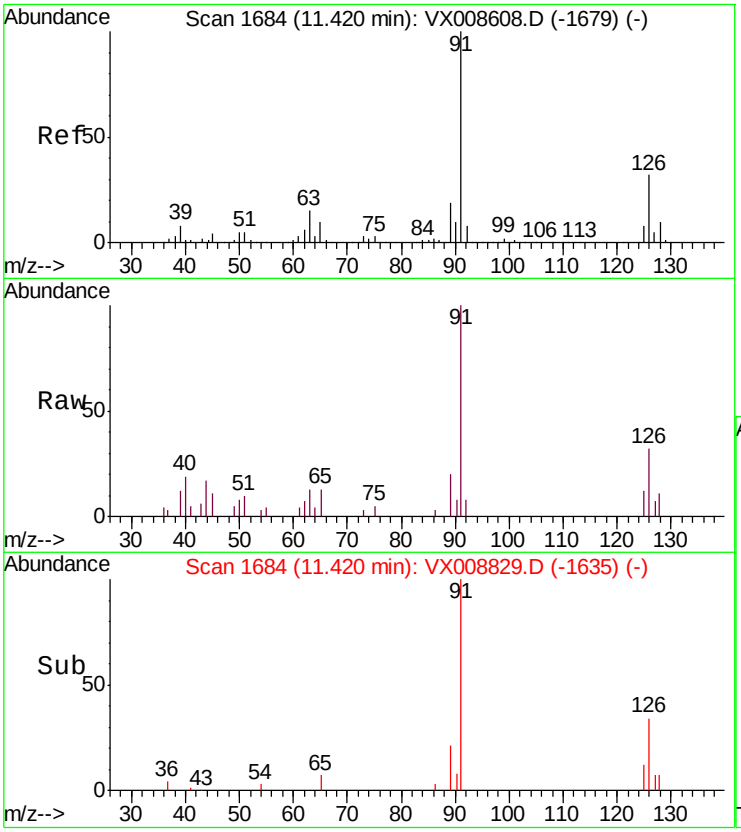


#76
1,2,3-Trichloropropane
Concen: 20.494 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 75 Resp: 69270

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#



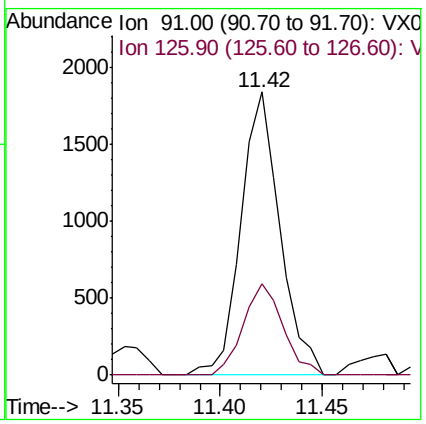


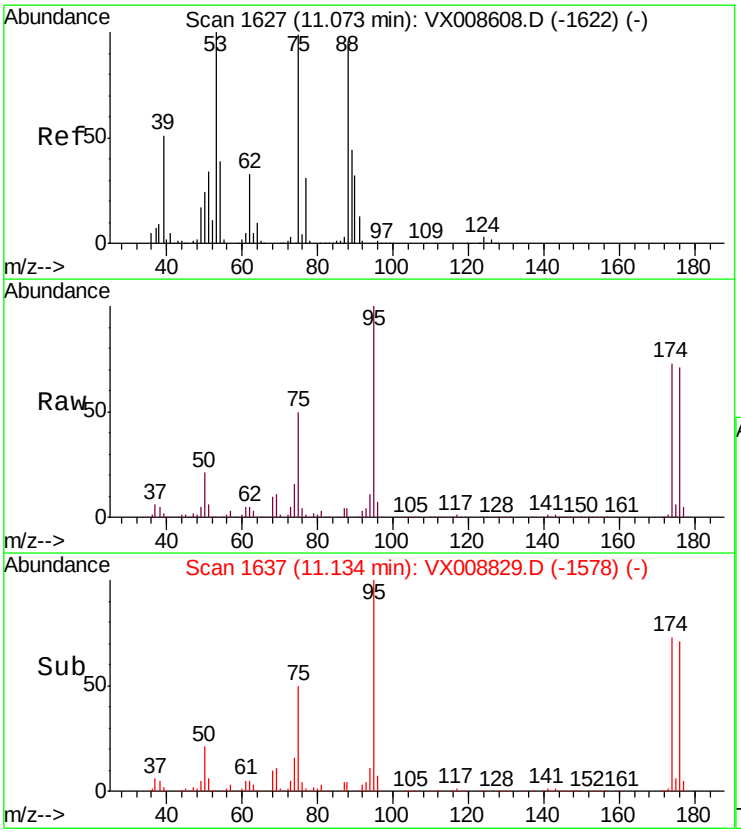
#79
2-Chlorotoluene
Concen: 0.341 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 91 Resp: 2448

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

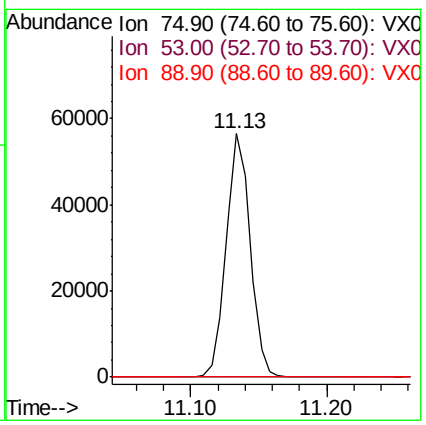


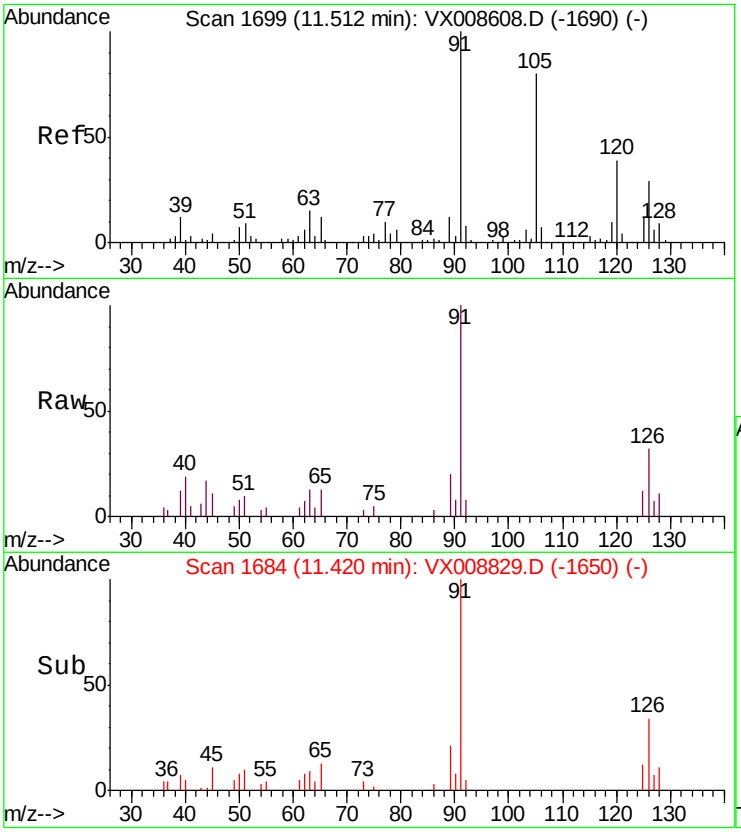


#81
trans-1,4-Dichloro-2-butene
Concen: 56.493 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion: 75 Resp: 69270

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.3	121.9#
89	0.0	35.6	53.4#



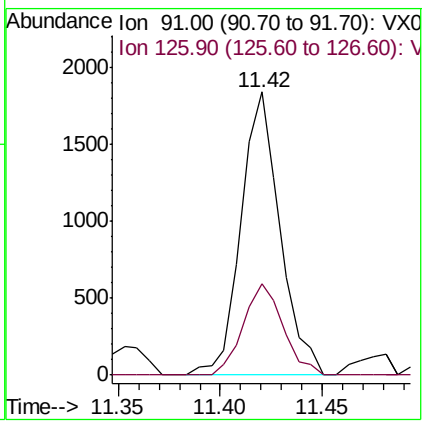


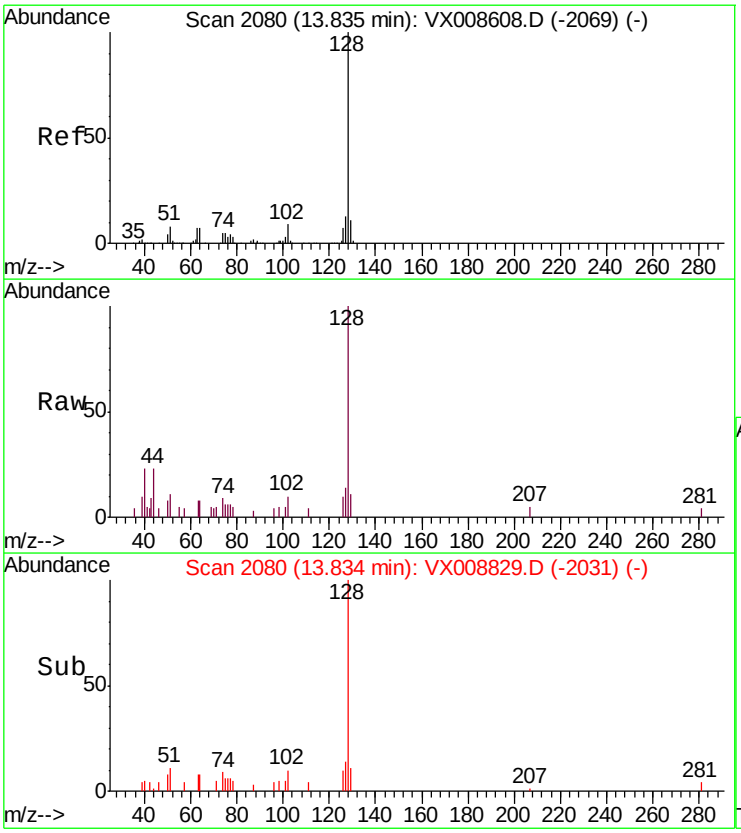
#82
4-Chlorotoluene
Concen: 0.294 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Instrument :
MSVOA_X
ClientSampleId :
SPLP-LECHATE-AMND-CS-4

Tgt Ion: 91 Resp: 2448

Ion	Ratio	Lower	Upper
91	100		
126	32.9	13.9	41.6





#95
Naphthalene
Concen: 0.207 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008829.D
Acq: 11 Apr 2019 01:14

Tgt Ion:128 Resp: 2099

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	10.8	8.6	13.0