Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032819\
Data File : VD061393.D
Acq On : 28 Mar 2019 16:18
Operator : VA/AP
Sample : K1950-02RE
Misc : 3.67g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-005-ARE

Quant Time: Mar 28 16:54:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.05	168	564204	50.00	ug/l		0.03
34) 1,4-Difluorobenzene	8.22	114	987026	50.00	ug/l		0.03
63) Chlorobenzene-d5	12.36	117	663941	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	197103	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	261763	54.31	ug/l		0.02
Spiked Amount 50.000			Recovery = 108.62%				
35) Dibromofluoromethane	6.92	113	180376	23.91	ug/l		0.02
Spiked Amount 50.000			Recovery = 47.82%				
50) Toluene-d8	10.40	98	798966	44.16	ug/l		0.02
Spiked Amount 50.000			Recovery = 88.32%				
62) 4-Bromofluorobenzene	13.55	95	251948	36.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 72.64%				
Target Compounds							Qvalue
10) Methyl Iodide	3.33	142	2166	3.654	ug/l	#	90
11) Tert butyl alcohol	4.00	59	18827	62.725	ug/l	#	76
16) Acetone	3.22	43	92778	74.883	ug/l		98
20) Methylene Chloride	3.82	84	44649	4.693	ug/l		94
25) 2-Butanone	6.06	43	5982	3.838	ug/l		100
26) 2,2-Dichloropropane	6.14	77	17873	2.140	ug/l	#	50
29) Tetrahydrofuran	6.46	42	3396	4.496	ug/l	#	66
36) 1,1-Dichloropropene	7.04	75	41141	4.776	ug/l	#	44
37) Ethyl Acetate	6.14	43	14016	3.804	ug/l	#	1
38) Carbon Tetrachloride	7.05	117	51534	5.206	ug/l	#	14
40) Benzene	7.45	78	50064	2.316	ug/l		93
51) 4-Methyl-2-Pentanone	10.29	43	7384	2.264	ug/l		89
52) Toluene	10.50	92	44390	3.365	ug/l		92
55) 1,1,2-Trichloroethane	11.09	97	9266	2.009	ug/l	#	15
58) 2-Chloroethyl Vinyl ether	9.84	63	3434	1.423	ug/l		95
68) m/p-Xylenes	12.66	106	23652	3.015	ug/l		100
69) o-Xylene	13.04	106	15828	2.079	ug/l		92
79) 2-Chlorotoluene	13.84	91	13825	1.517	ug/l	#	36
80) 1,3,5-Trimethylbenzene	13.93	105	49866	4.685	ug/l		95
81) trans-1,4-Dichloro-2-buten	13.54	75	90571	104.331	ug/l	#	18
84) 1,2,4-Trimethylbenzene	14.23	105	93575	8.121	ug/l		99
95) Naphthalene	16.12	128	101327	25.833	ug/l		99

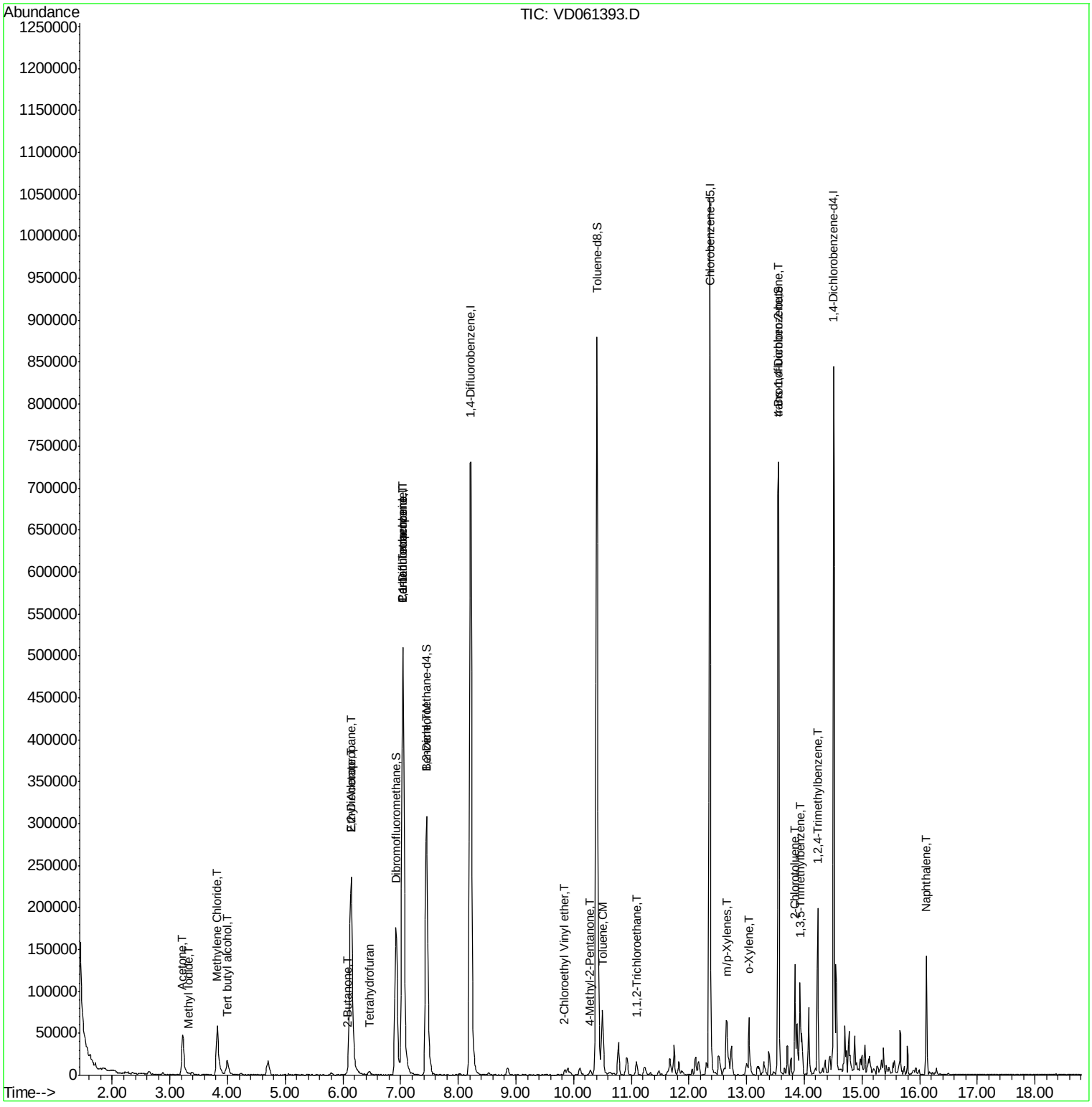
(#) = qualifier out of range (m) = manual integration (+) = signals summed

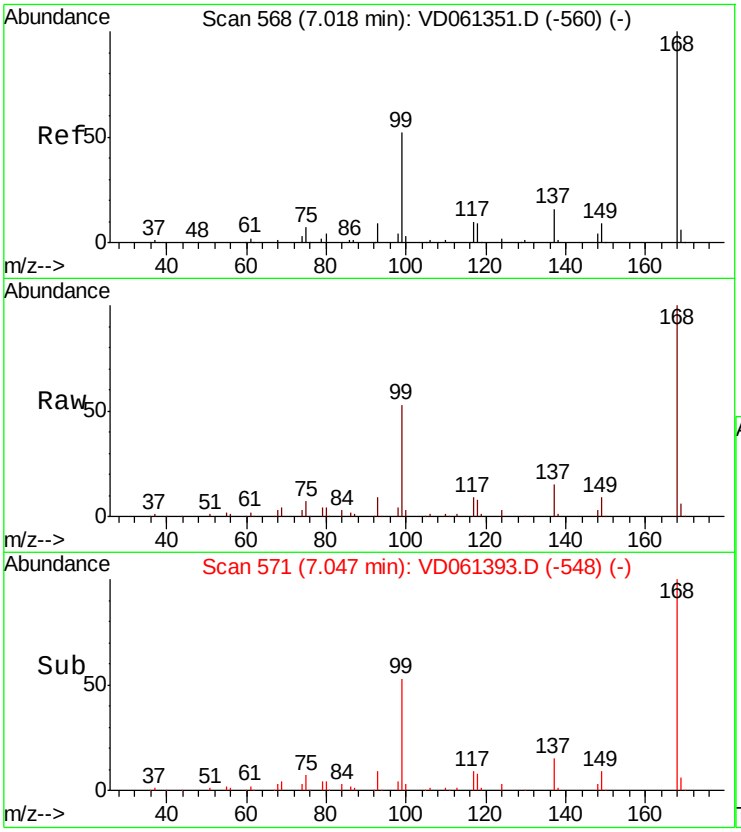
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032819\
Data File : VD061393.D
Acq On : 28 Mar 2019 16:18
Operator : VA/AP
Sample : K1950-02RE
Misc : 3.67g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Quant Time: Mar 28 16:54:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration



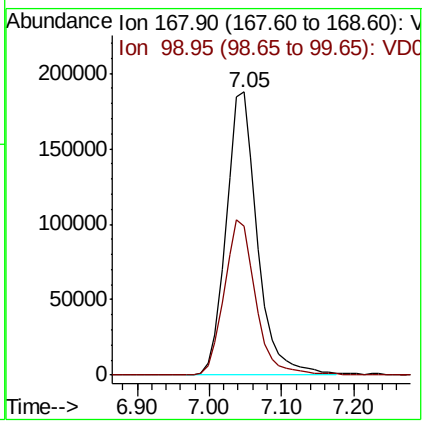


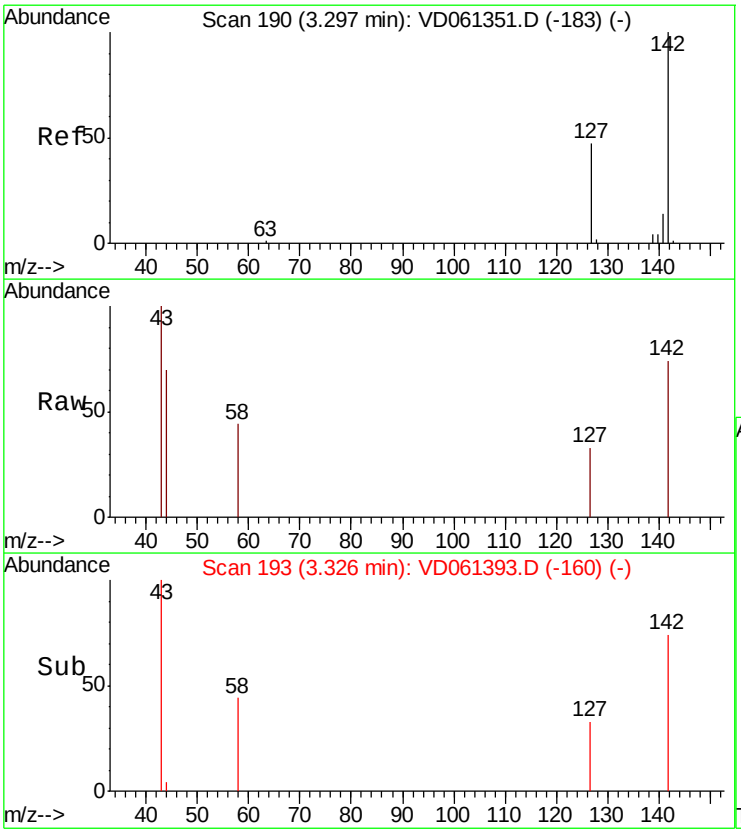
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.03 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion:168 Resp: 564204

Ion	Ratio	Lower	Upper
168	100		
99	52.5	43.1	64.7

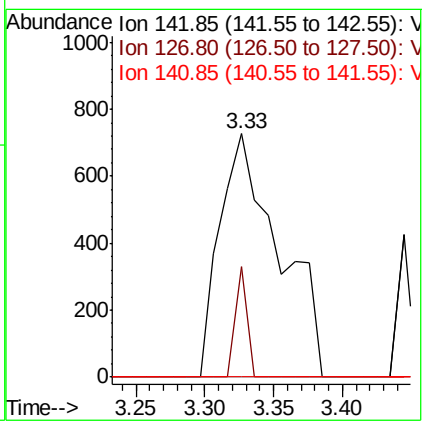


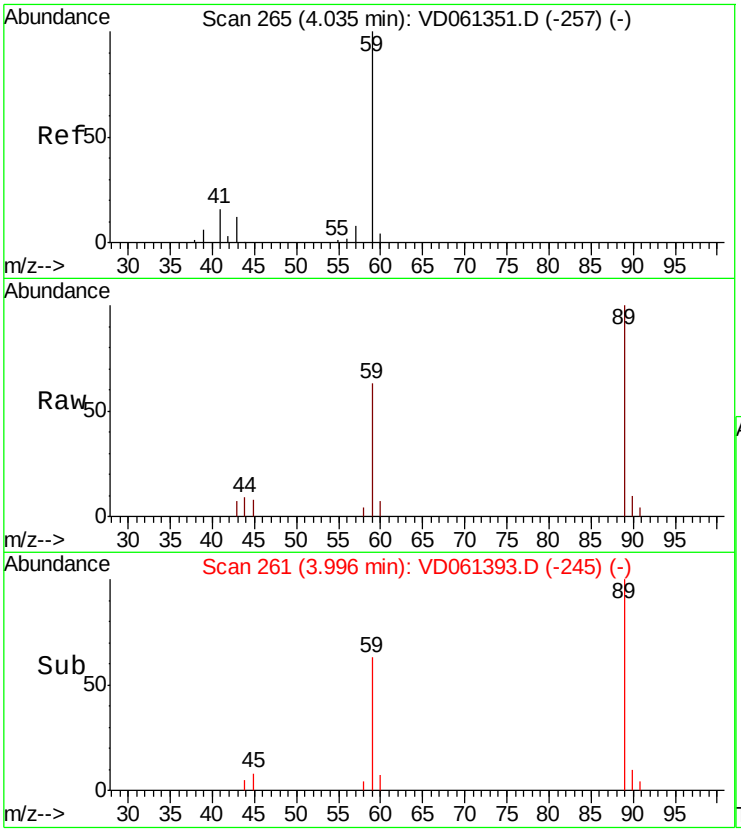


#10
Methyl Iodide
Concen: 3.654 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion:142 Resp: 2166

Ion	Ratio	Lower	Upper
142	100		
127	45.1	37.7	56.5
141	0.0	11.5	17.3#



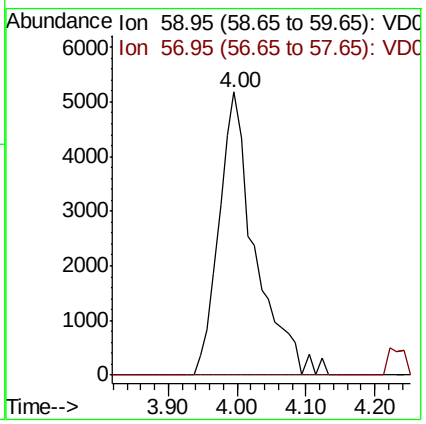


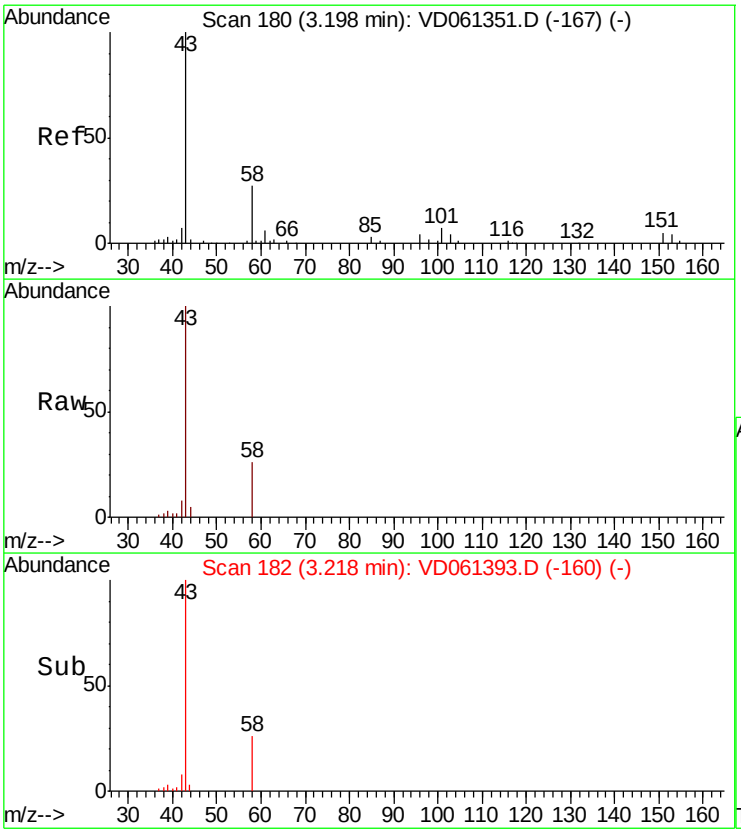
#11
Tert butyl alcohol
Concen: 62.725 ug/l
RT: 4.00 min Scan# 261
Delta R.T. -0.04 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 59 Resp: 18827

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.7	10.1#

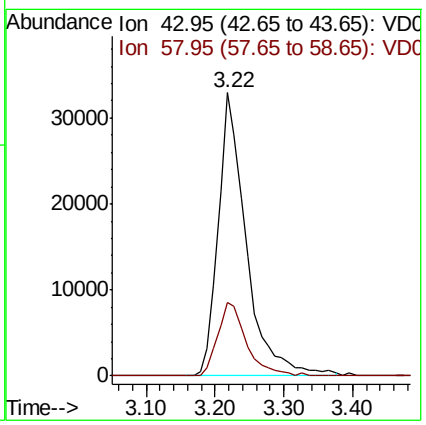


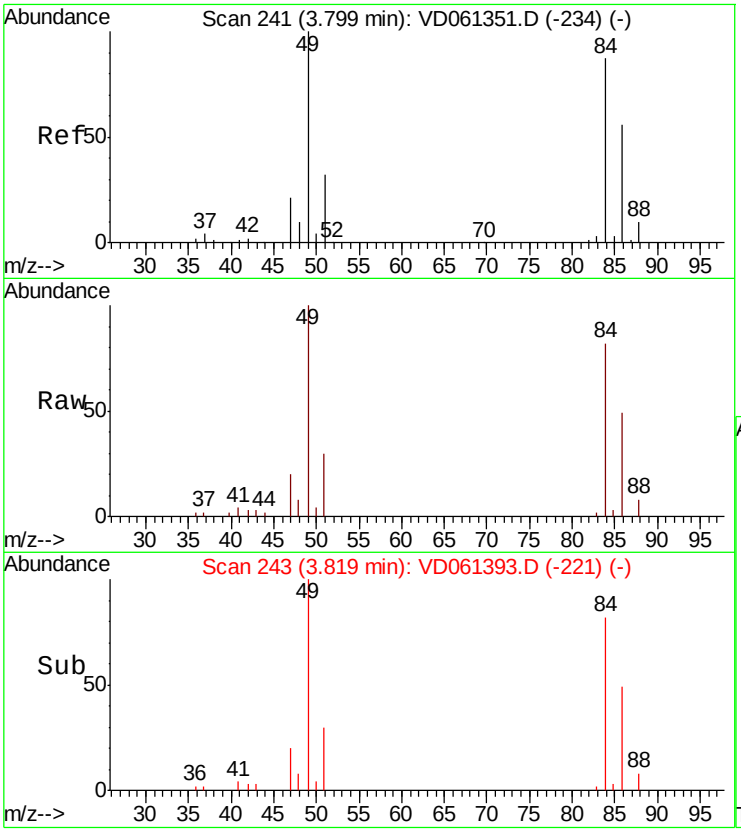


#16
Acetone
Concen: 74.883 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 43 Resp: 92778

Ion	Ratio	Lower	Upper
43	100		
58	25.8	21.5	32.3



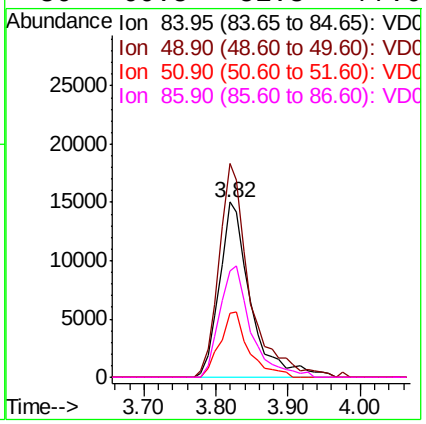


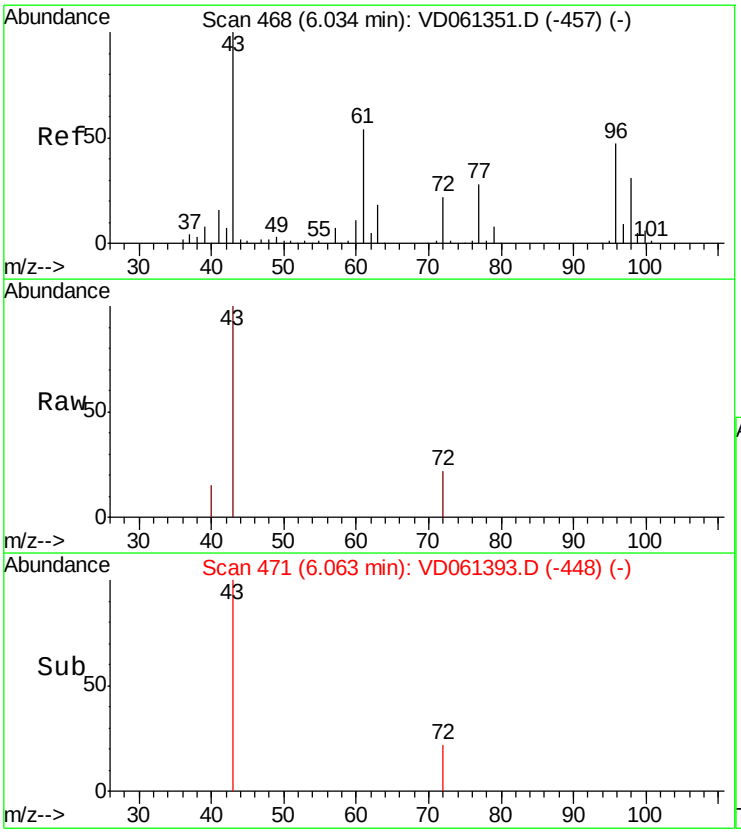
#20
Methylene Chloride
Concen: 4.693 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-005-ARE

Tgt Ion: 84 Resp: 44649

Ion	Ratio	Lower	Upper
84	100		
49	122.2	91.8	137.8
51	36.3	29.8	44.8
86	60.5	51.8	77.6

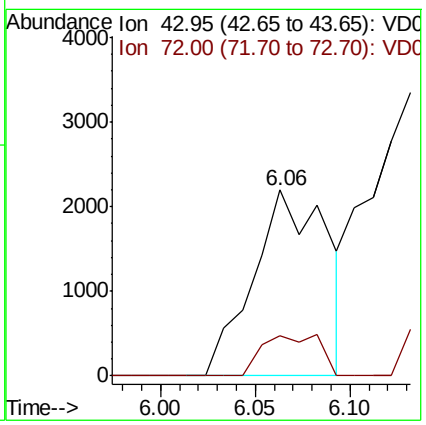


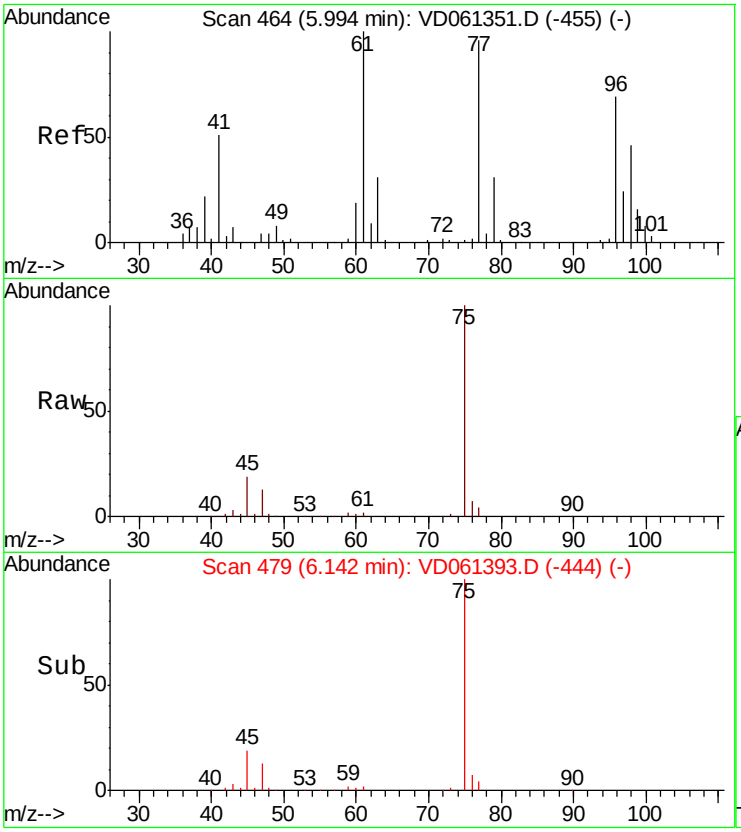


#25
2-Butanone
Concen: 3.838 ug/l
RT: 6.06 min Scan# 471
Delta R.T. 0.03 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 43 Resp: 5982

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.2	25.8



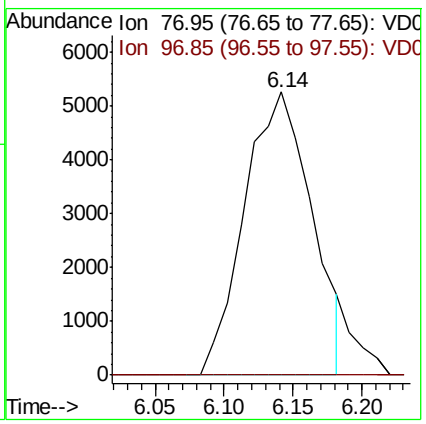


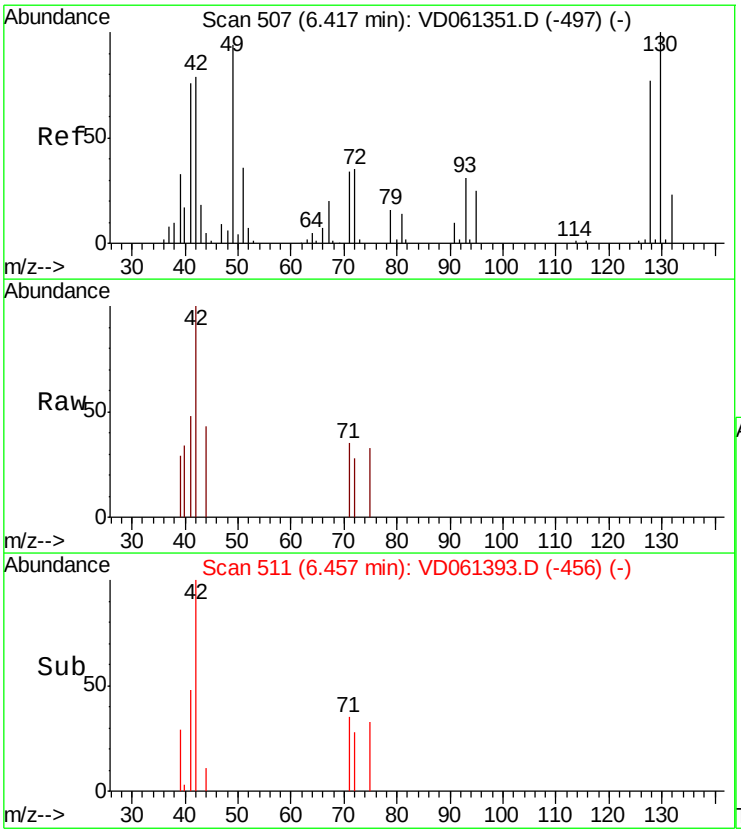
#26
2,2-Dichloropropane
Concen: 2.140 ug/l
RT: 6.14 min Scan# 479
Delta R.T. 0.15 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 77 Resp: 17873

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.7	38.0#

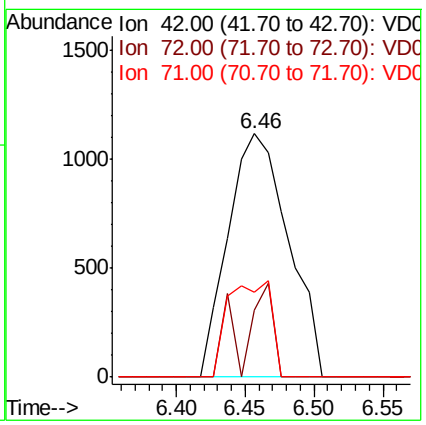


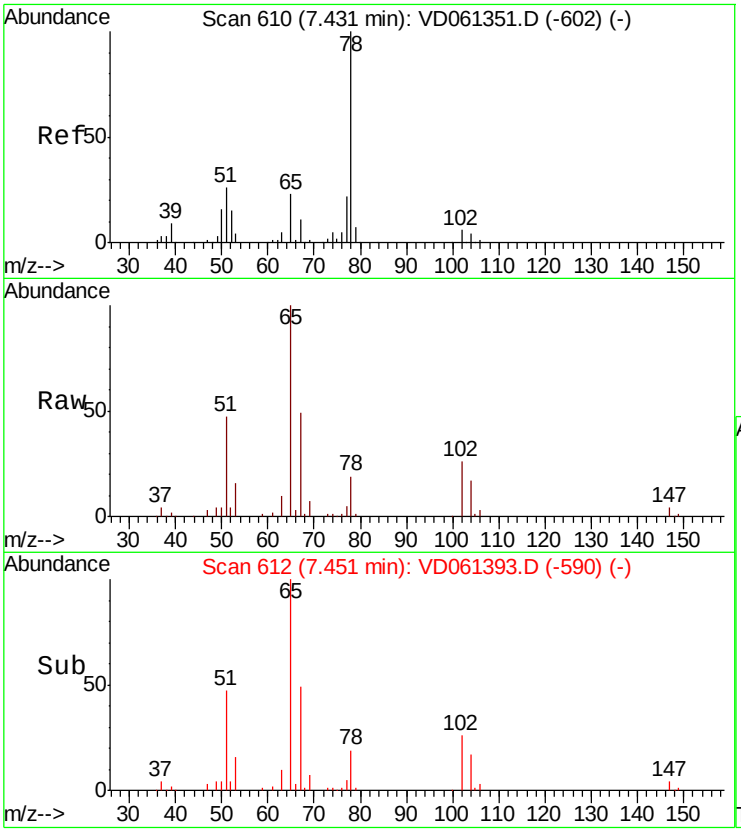


#29
Tetrahydrofuran
Concen: 4.496 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.04 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 42 Resp: 3396

Ion	Ratio	Lower	Upper
42	100		
72	19.5	37.4	56.0#
71	28.2	36.7	55.1#



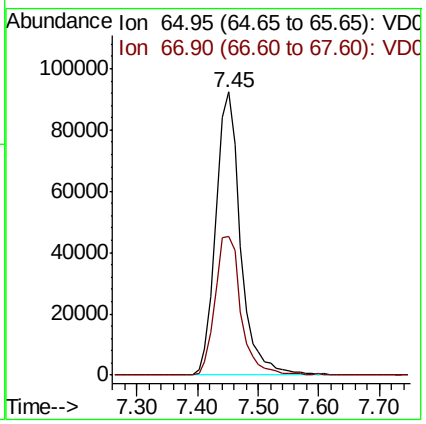


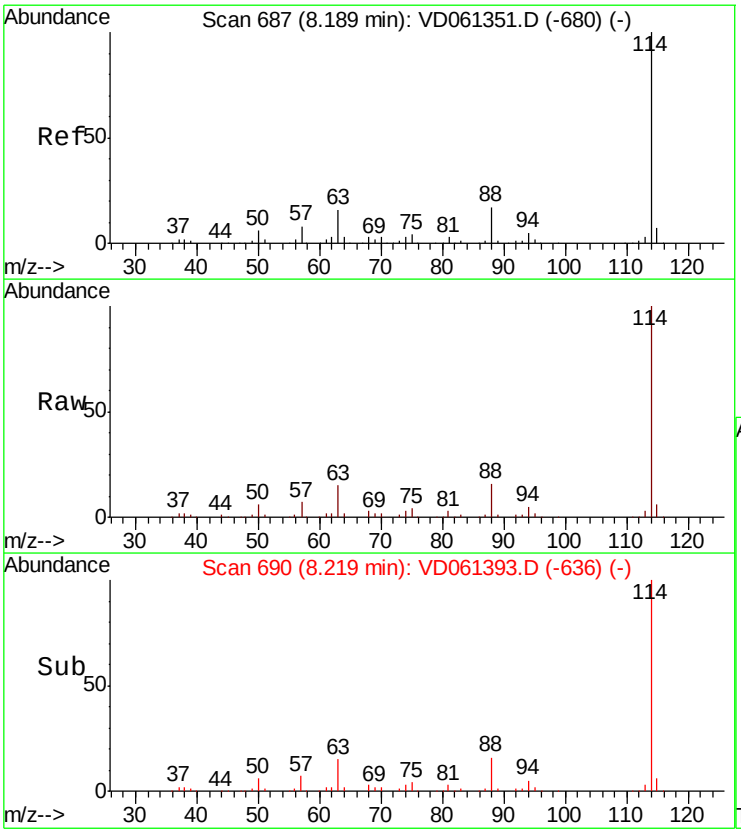
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-005-ARE

Tgt Ion: 65 Resp: 261763

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.8

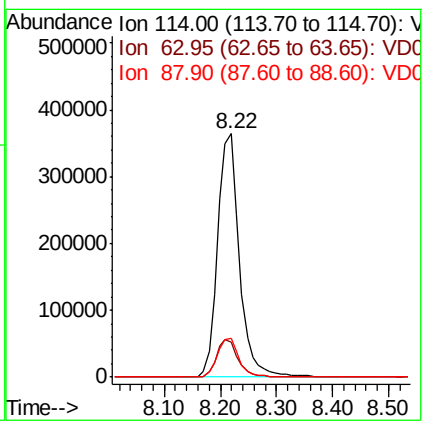


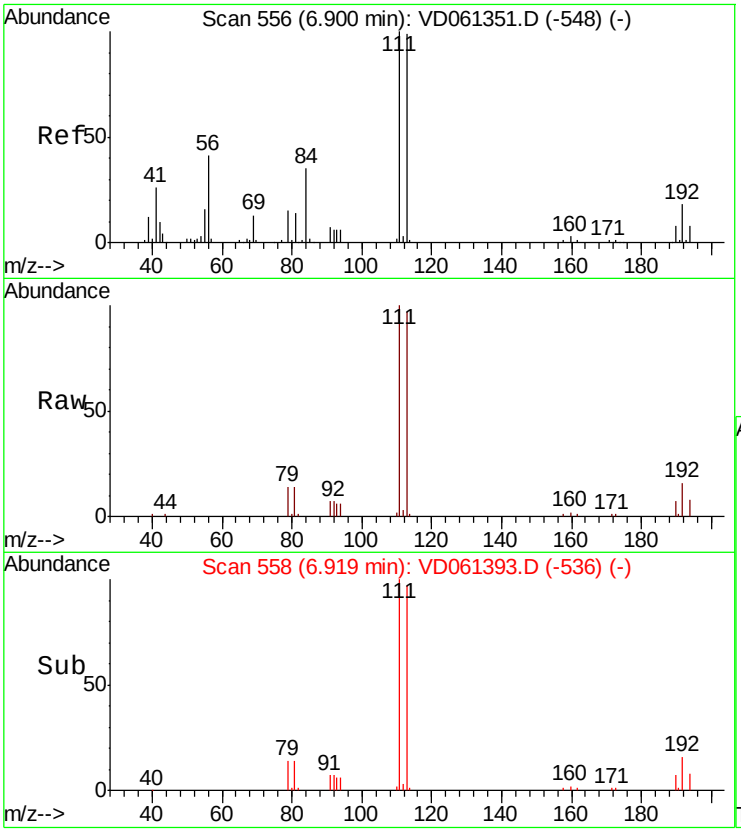


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.03 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion:114 Resp: 987026

Ion	Ratio	Lower	Upper
114	100		
63	14.6	0.0	31.6
88	16.1	0.0	33.4



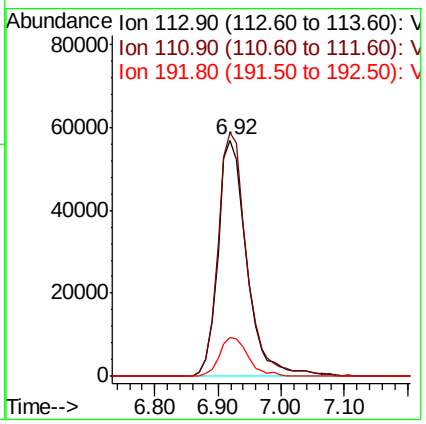


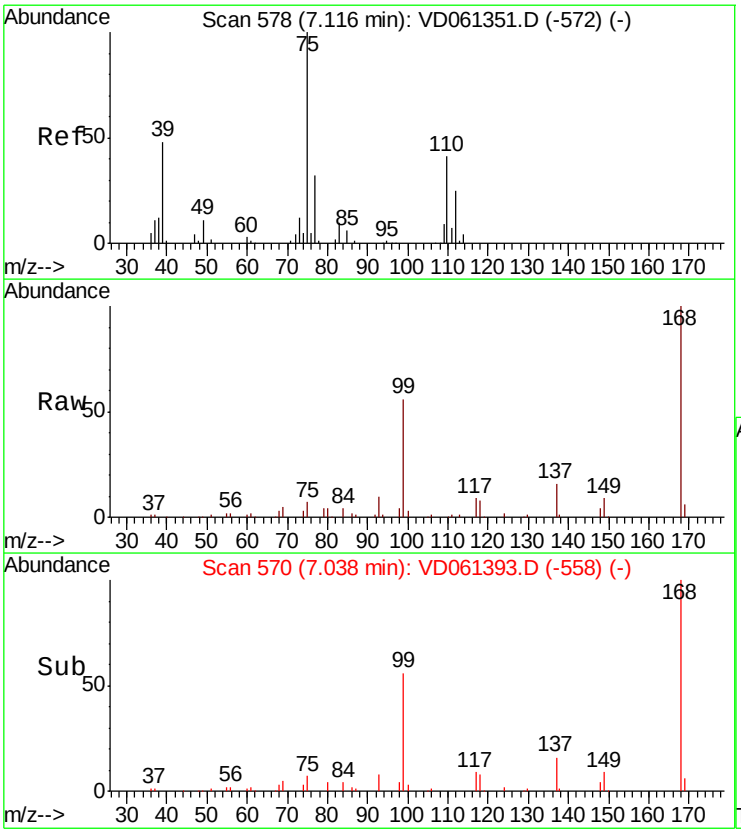
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion:113 Resp: 180376

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.6
192	16.2	14.4	21.6

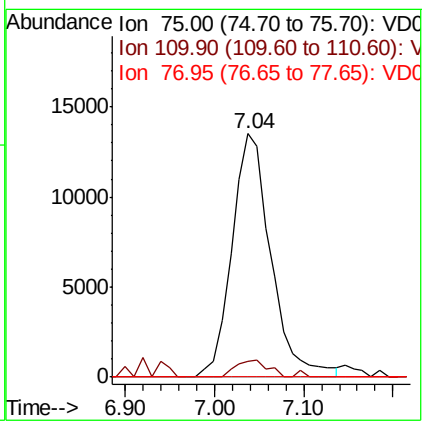


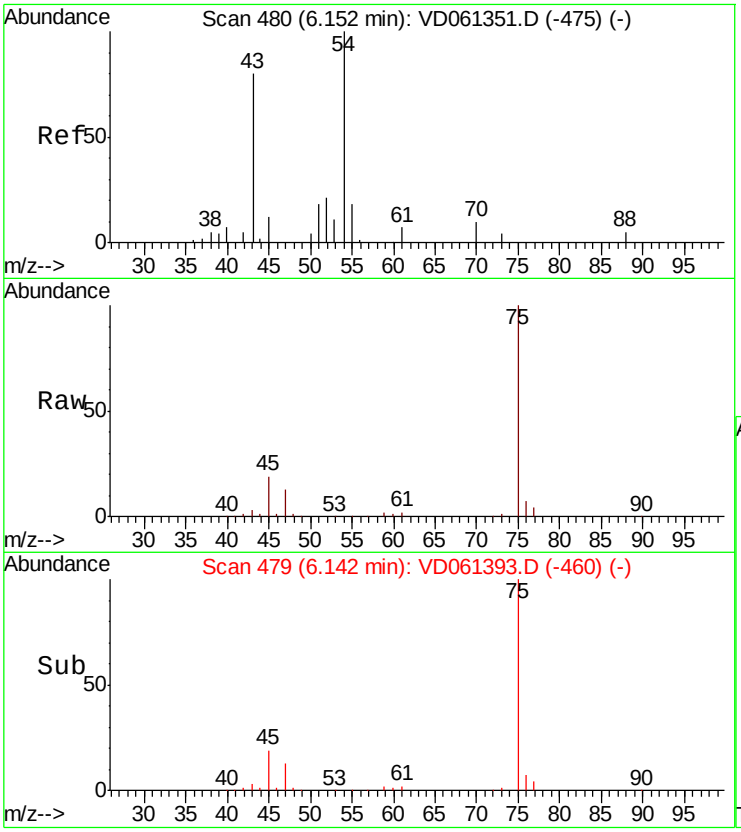


#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 75 Resp: 41141

Ion	Ratio	Lower	Upper
75	100		
110	6.6	20.4	61.3#
77	0.0	24.9	37.3#



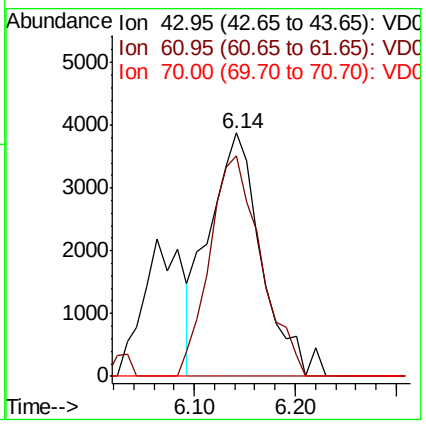


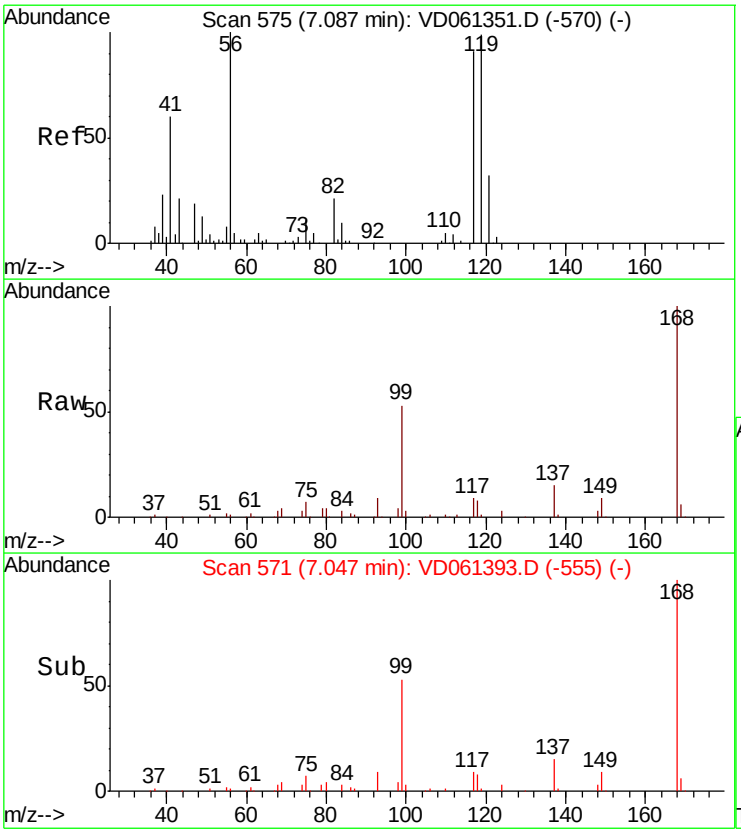
#37
Ethyl Acetate
Concen: 3.804 ug/l
RT: 6.14 min Scan# 479
Delta R.T. -0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 43 Resp: 14016

Ion	Ratio	Lower	Upper
43	100		
61	90.4	13.8	20.8#
70	0.0	7.8	11.8#

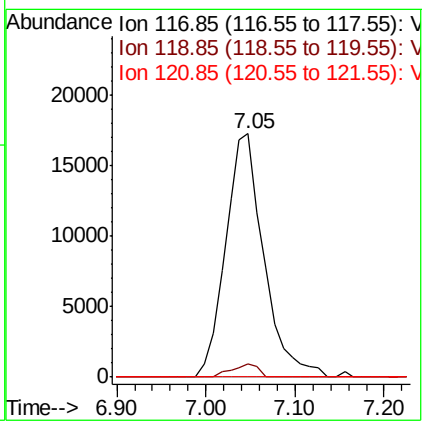


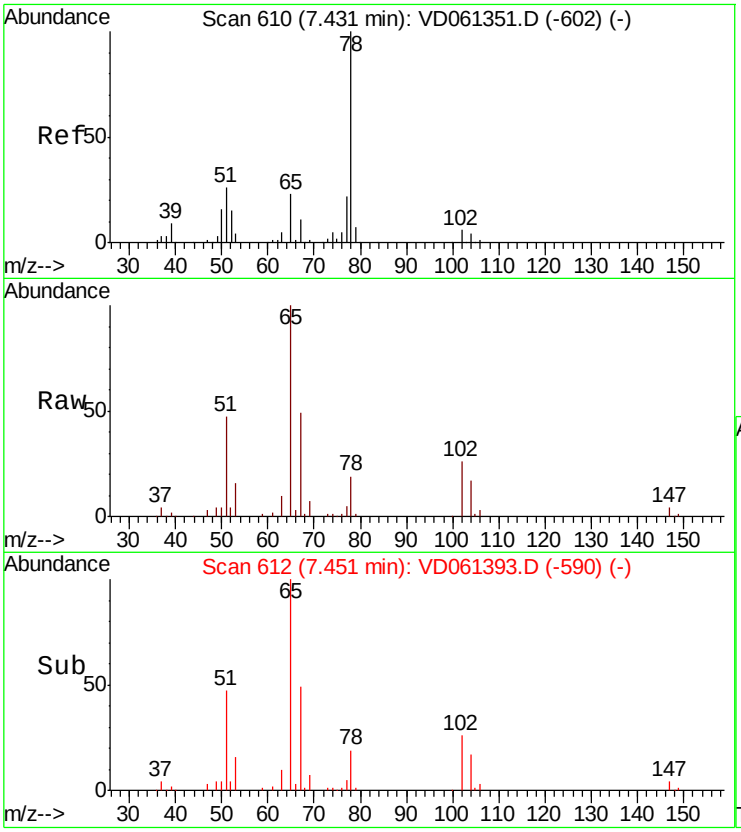


#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.04 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion:117 Resp: 51534

Ion	Ratio	Lower	Upper
117	100		
119	5.5	80.1	120.1#
121	0.0	25.6	38.4#



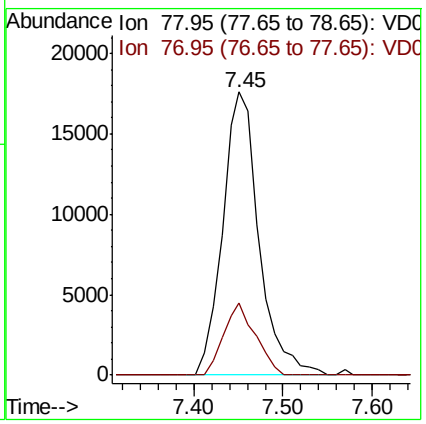


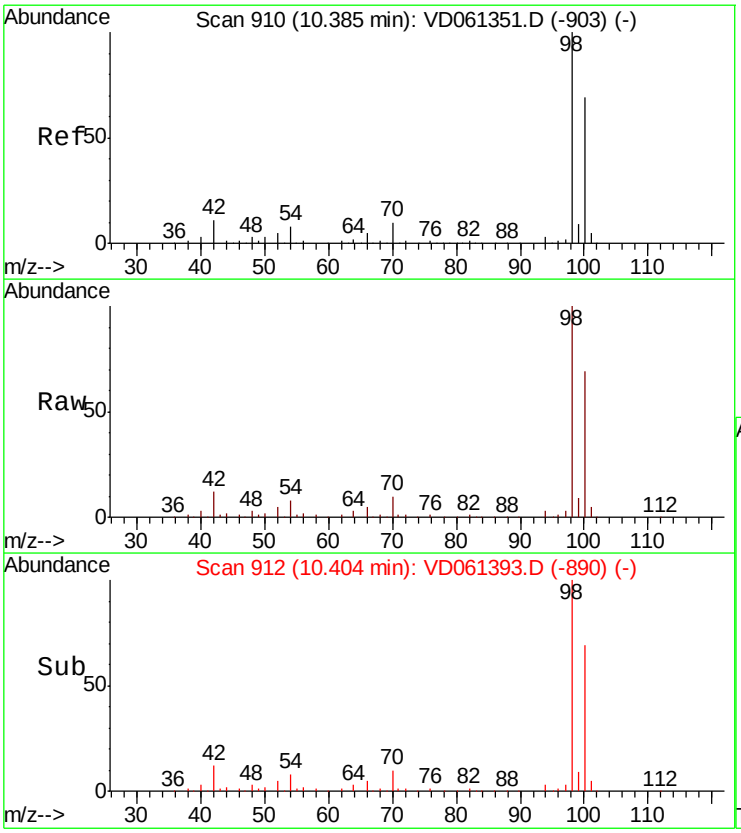
#40
Benzene
Concen: 2.316 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 78 Resp: 50064

Ion	Ratio	Lower	Upper
78	100		
77	25.3	17.8	26.6

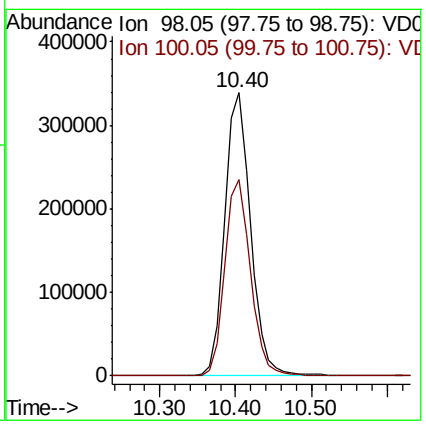


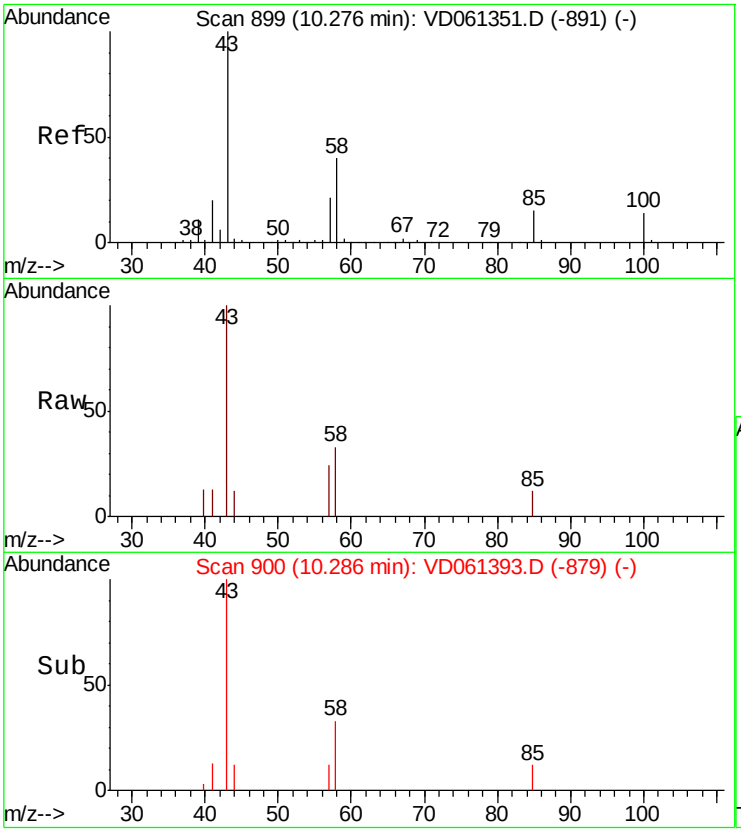


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 98 Resp: 798966

Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.2	84.2



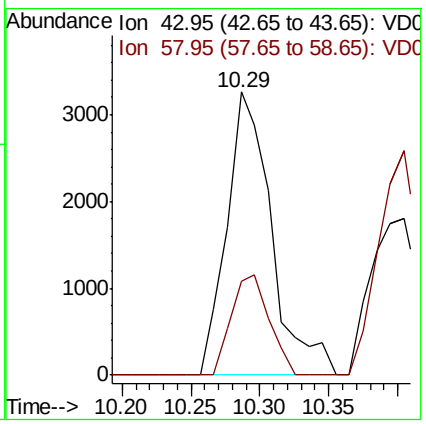


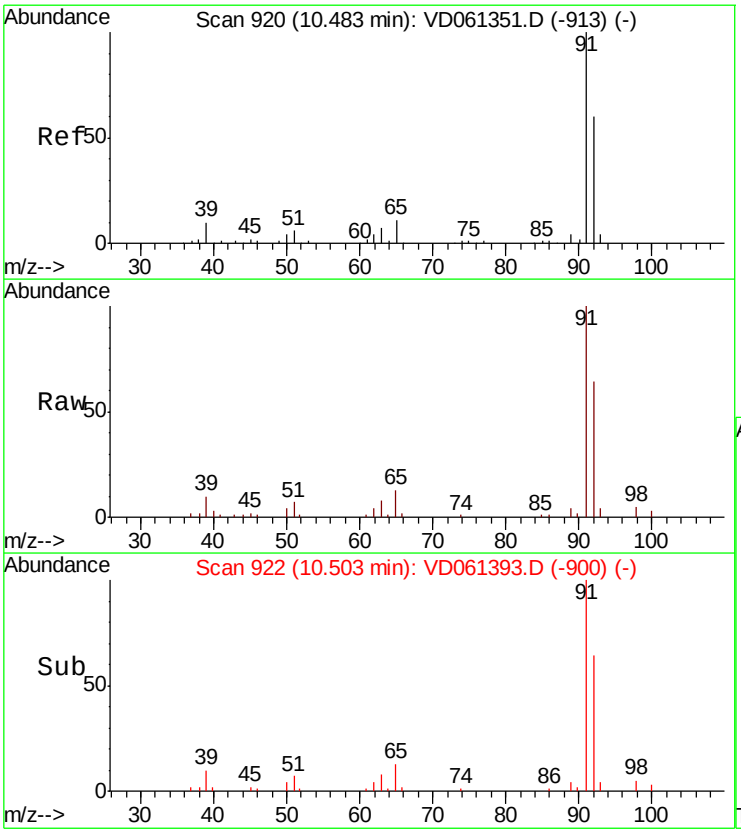
#51
4-Methyl-2-Pentanone
Concen: 2.264 ug/l
RT: 10.29 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 43 Resp: 7384

Ion	Ratio	Lower	Upper
43	100		
58	33.1	31.8	47.8

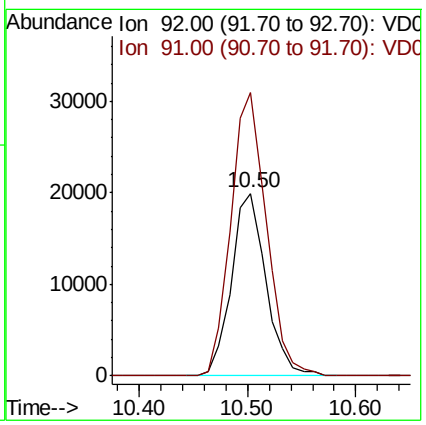


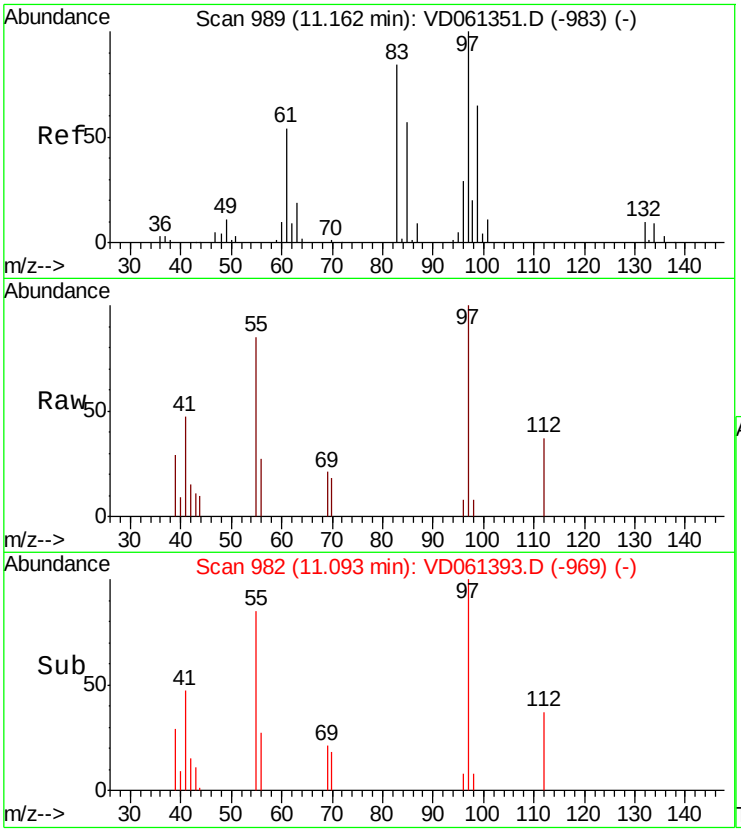


#52
Toluene
Concen: 3.365 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.02 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 92 Resp: 44390

Ion	Ratio	Lower	Upper
92	100		
91	155.2	133.3	199.9



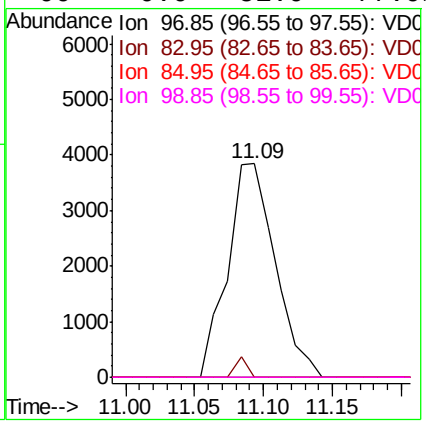


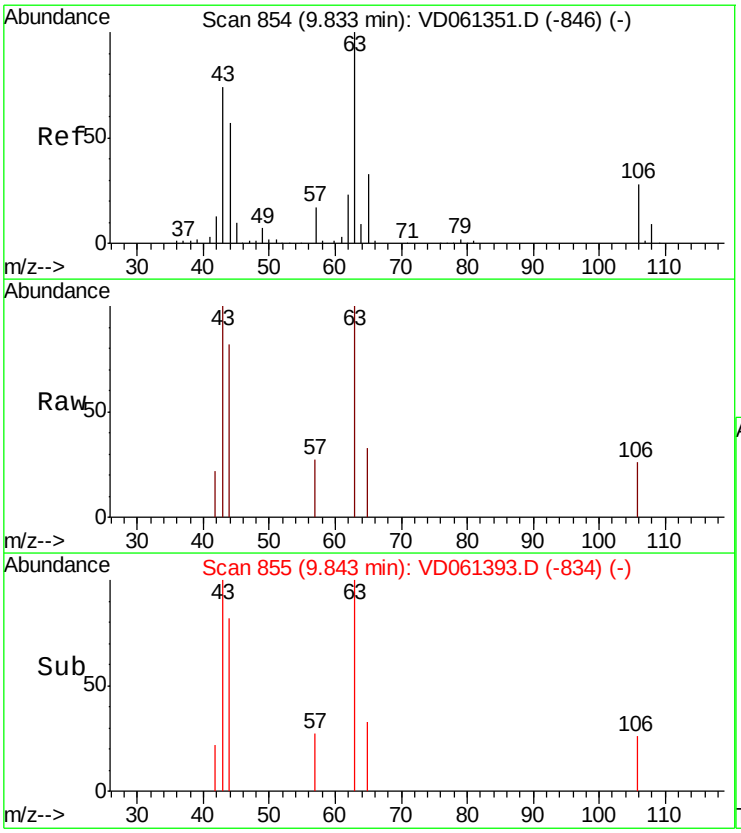
#55
1,1,2-Trichloroethane
Concen: 2.009 ug/l
RT: 11.09 min Scan# 982
Delta R.T. -0.07 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 97 Resp: 9266

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.0	100.6#
85	0.0	45.4	68.2#
99	0.0	51.9	77.9#

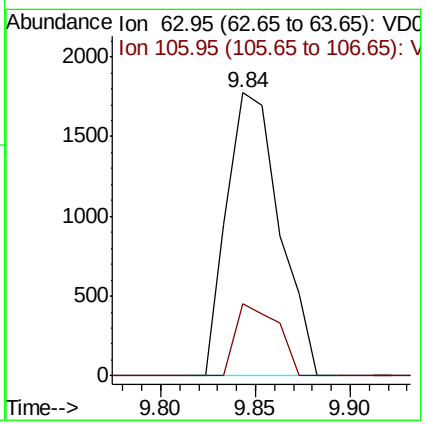


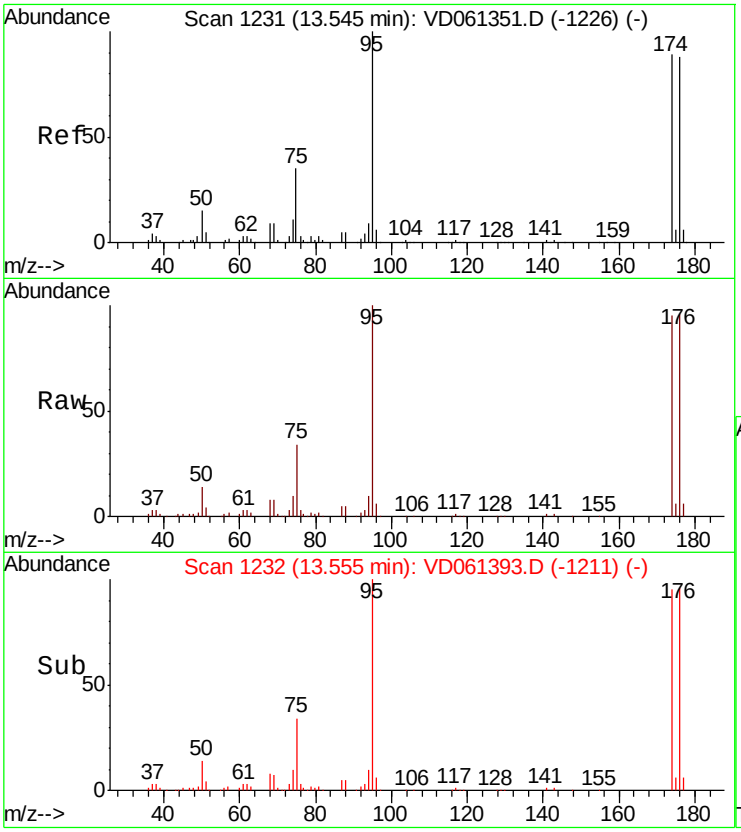


#58
2-Chloroethyl Vinyl ether
Concen: 1.423 ug/l
RT: 9.84 min Scan# 855
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 63 Resp: 3434

Ion	Ratio	Lower	Upper
63	100		
106	25.5	22.4	33.6



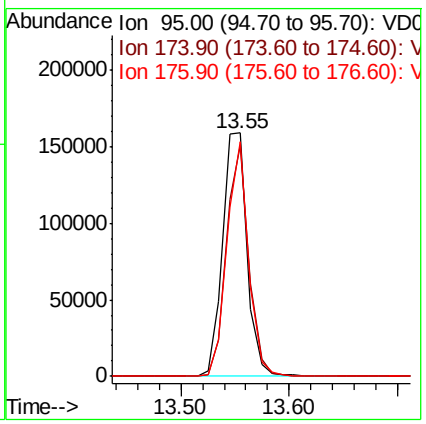


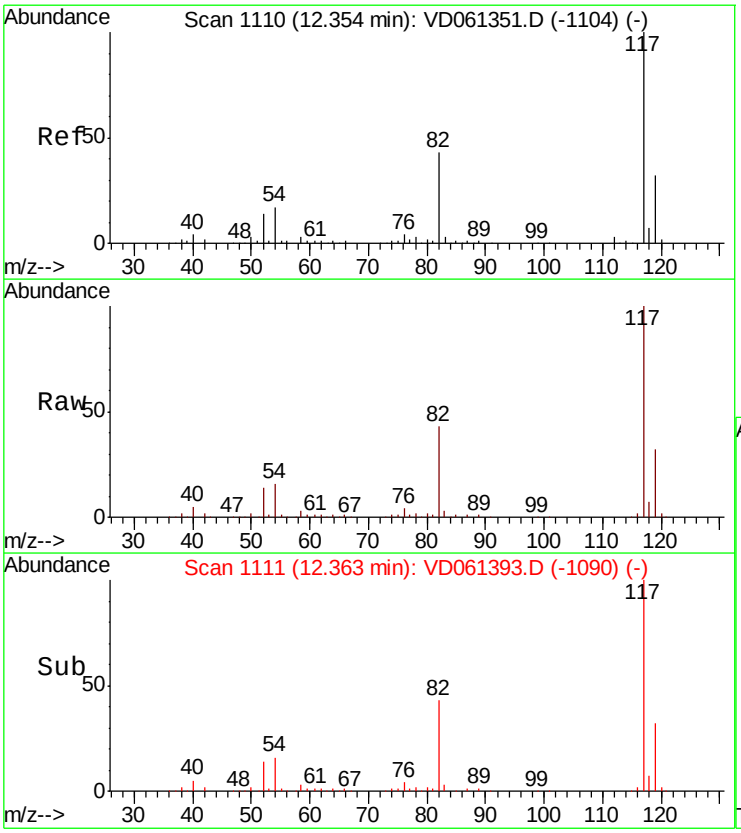
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion: 95 Resp: 251948

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	178.0
176	96.1	0.0	175.0

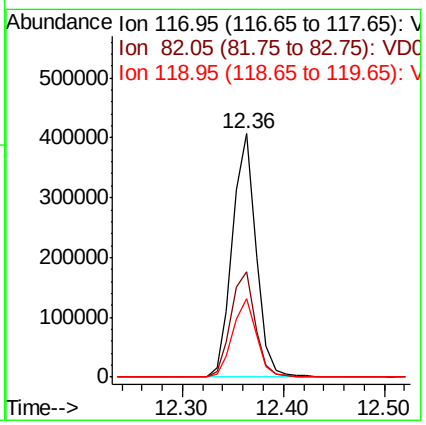


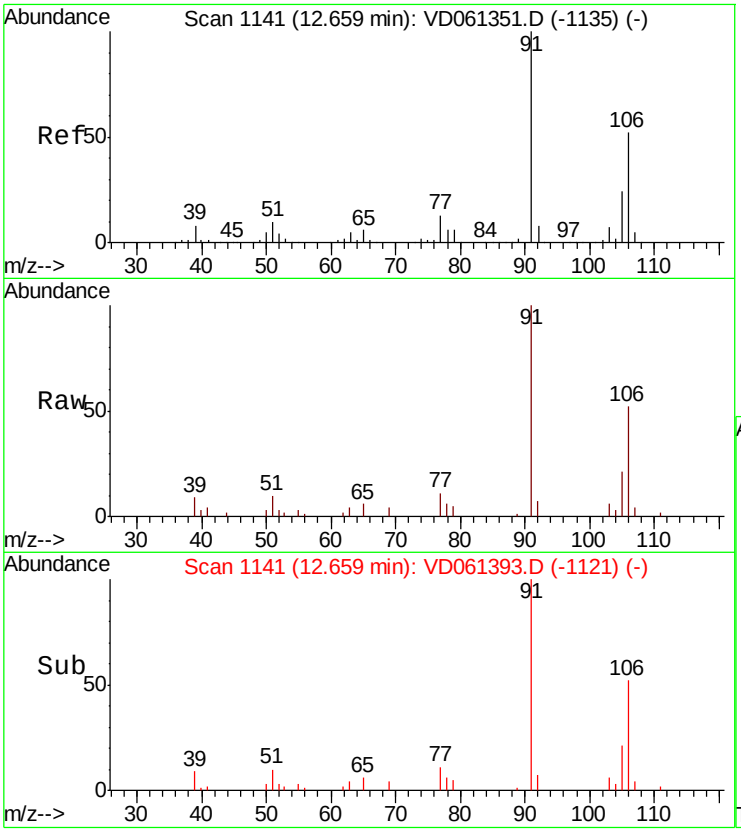


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion:117 Resp: 663941

Ion	Ratio	Lower	Upper
117	100		
82	43.4	34.4	51.6
119	32.5	25.8	38.6



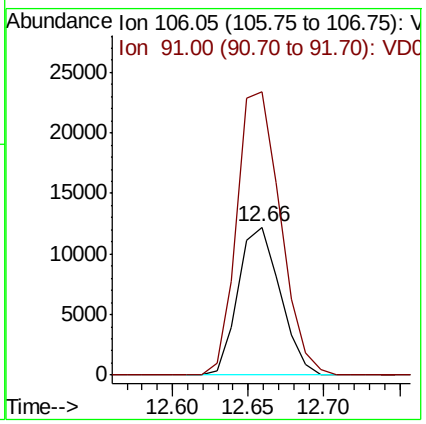


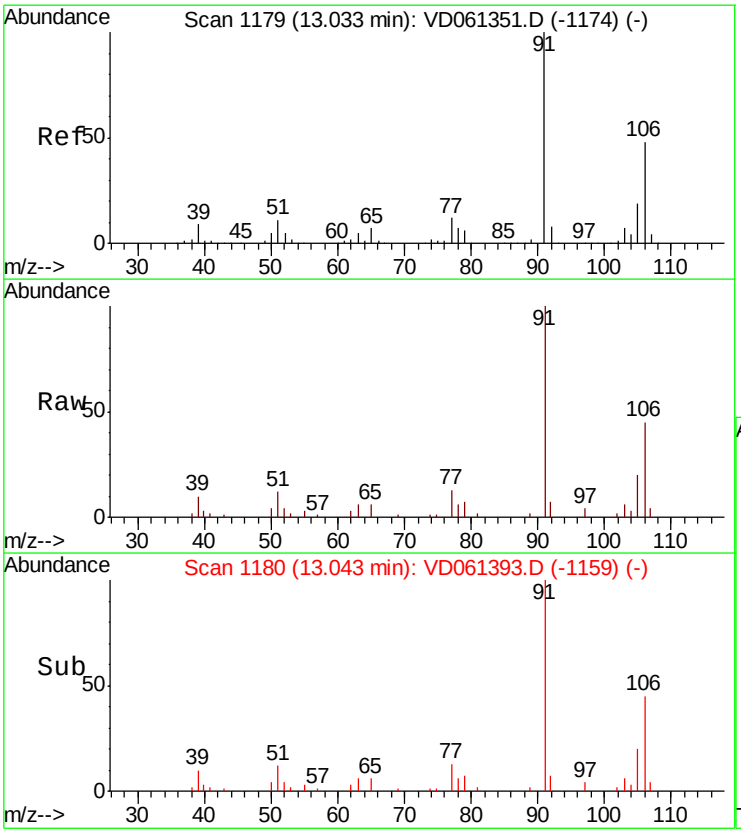
#68
m/p-Xylenes
Concen: 3.015 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion:106 Resp: 23652

Ion	Ratio	Lower	Upper
106	100		
91	190.9	153.1	229.7

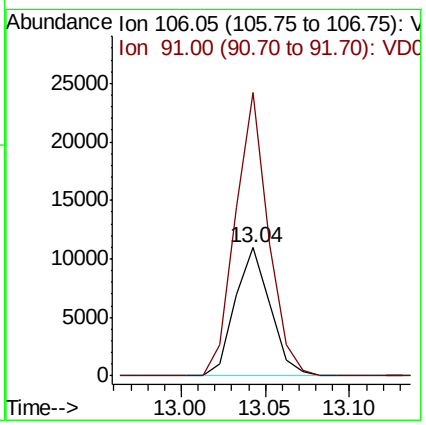


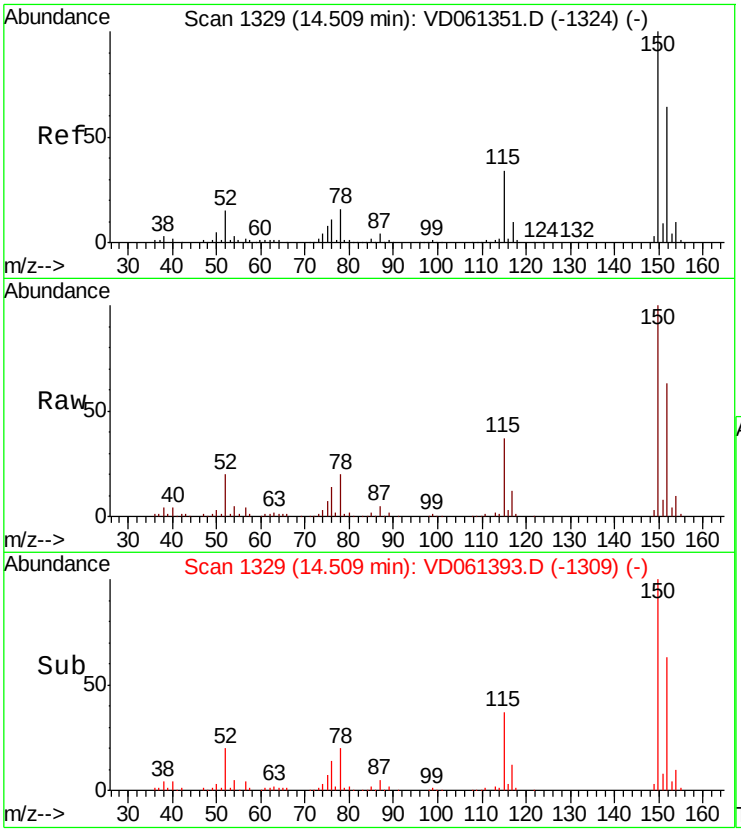


#69
o-Xylene
Concen: 2.079 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion:106 Resp: 15828

Ion	Ratio	Lower	Upper
106	100		
91	220.4	103.8	311.3



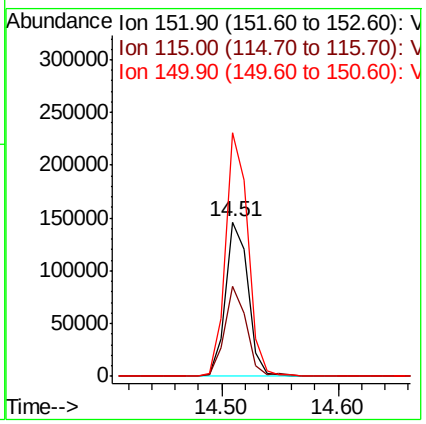


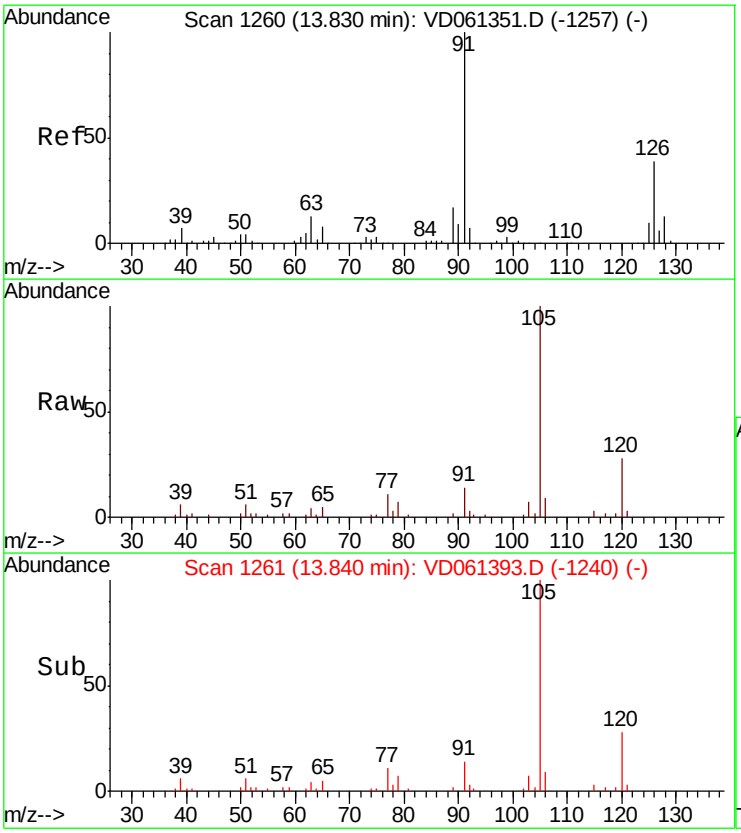
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion:152 Resp: 197103

Ion	Ratio	Lower	Upper
152	100		
115	58.5	26.9	80.6
150	157.6	0.0	318.0

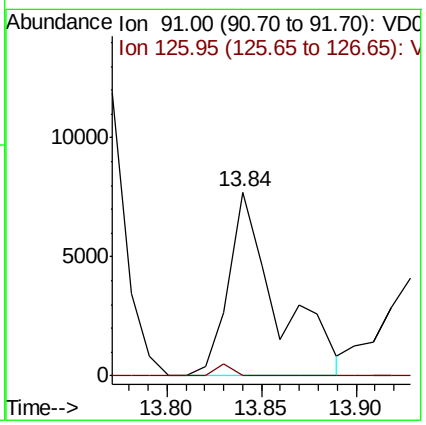


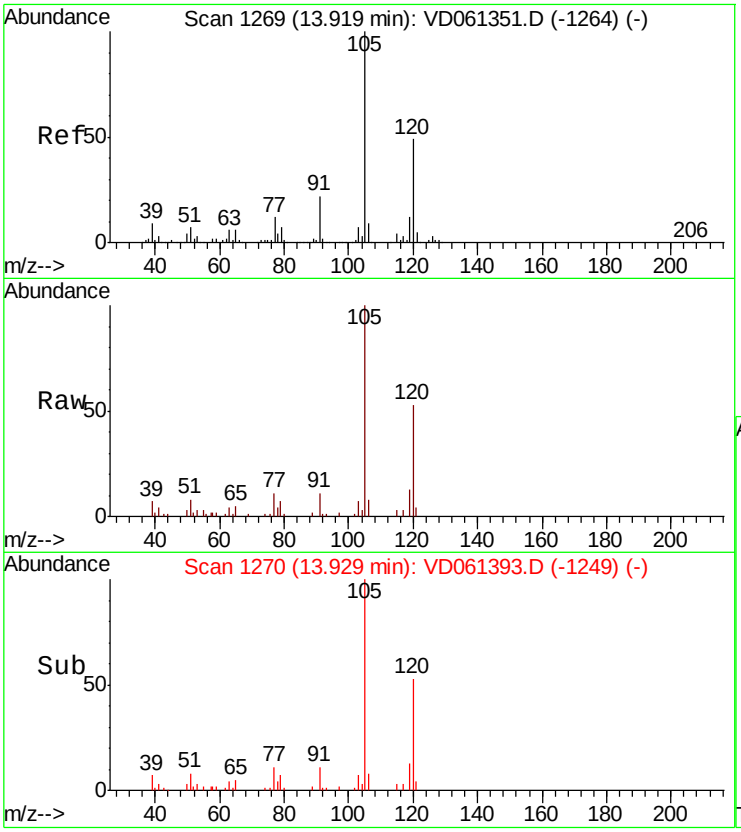


#79
2-Chlorotoluene
Concen: 1.517 ug/l
RT: 13.84 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 91 Resp: 13825

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.4	58.2#



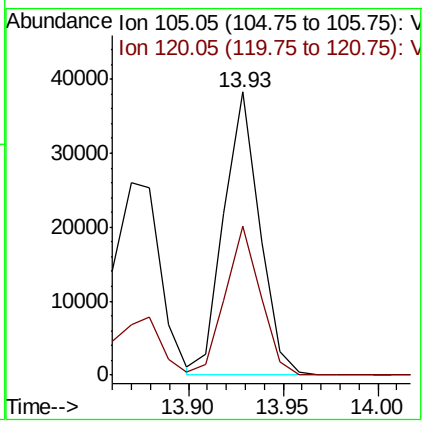


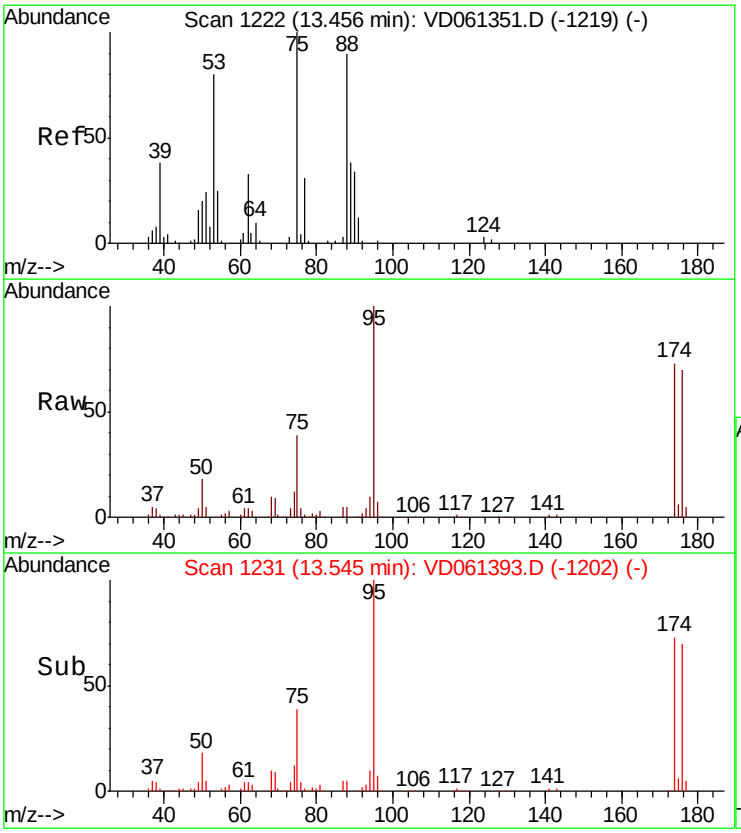
#80
1,3,5-Trimethylbenzene
Concen: 4.685 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion:105 Resp: 49866

Ion	Ratio	Lower	Upper
105	100		
120	52.7	24.6	73.6

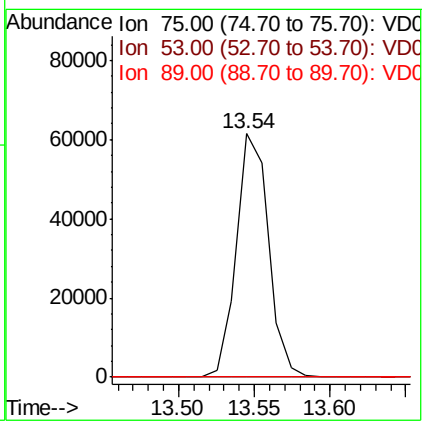


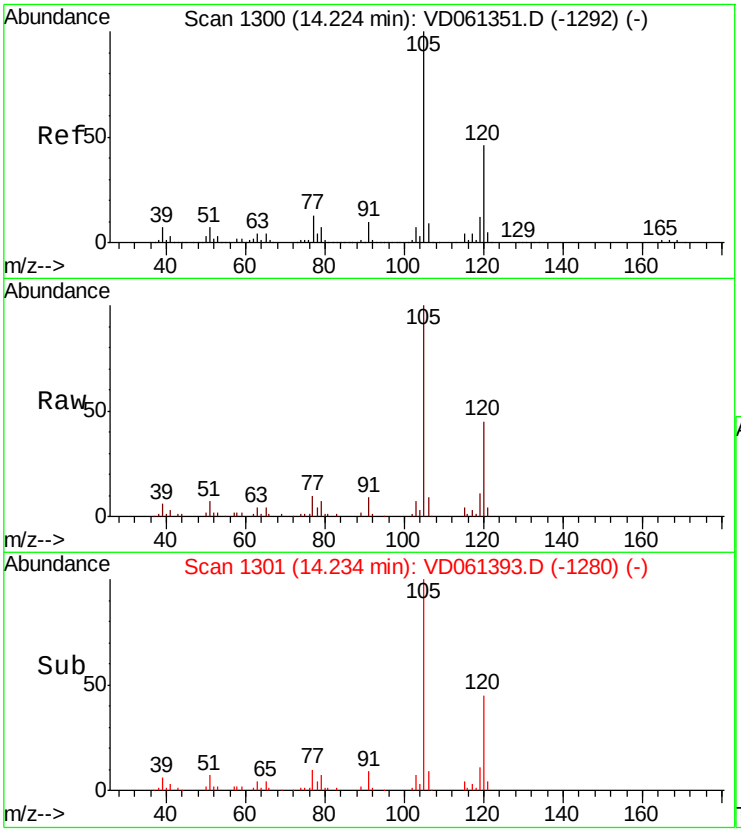


#81
trans-1,4-Dichloro-2-butene
Concen: 104.331 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.09 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion: 75 Resp: 90571

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.8#
89	0.0	30.5	45.7#



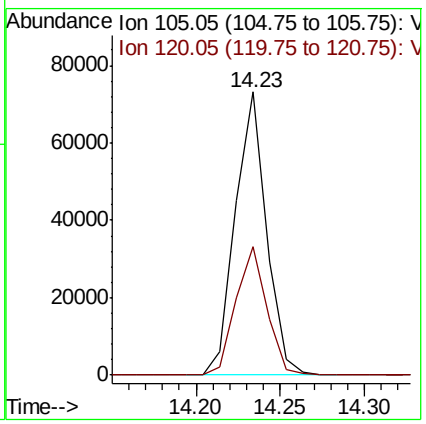


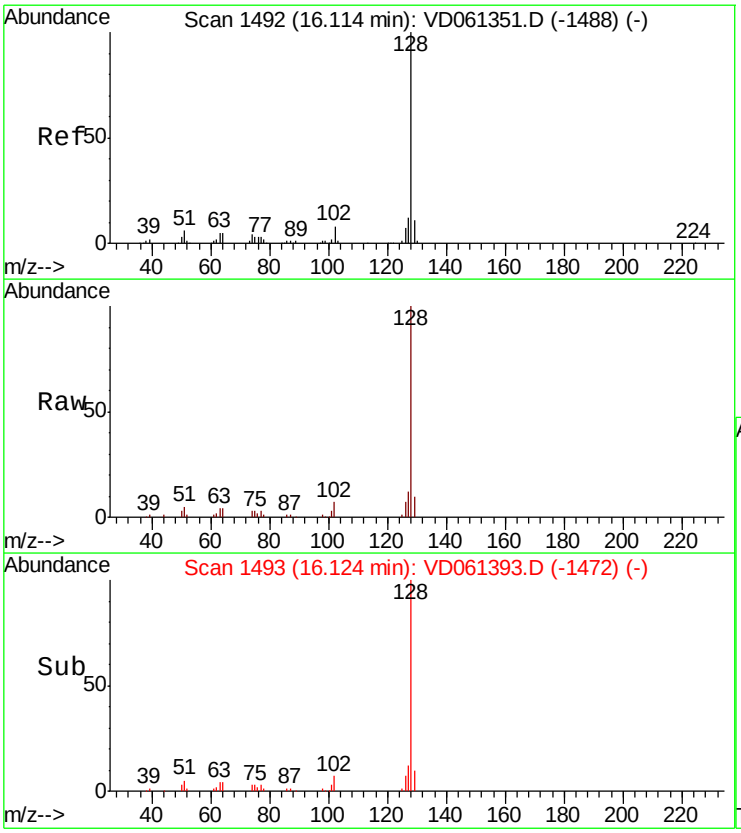
#84
1,2,4-Trimethylbenzene
Concen: 8.121 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-005-ARE

Tgt Ion:105 Resp: 93575

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.4





#95
Naphthalene
Concen: 25.833 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD061393.D
Acq: 28 Mar 2019 16:18

Tgt Ion:128 Resp: 101327

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.9	14.9
129	10.5	8.9	13.3