Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040119\
Data File : VD061470.D
Acq On : 1 Apr 2019 15:59
Operator : VA/AP
Sample : K2184-02
Misc : 3.93g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 02 01:18:33 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	630147	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1107840	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	898627	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	363708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	265920	49.40	ug/l	0.02
Spiked Amount 50.000			Recovery = 98.80%			
35) Dibromofluoromethane	6.93	113	10702	1.26	ug/l	0.03
Spiked Amount 50.000			Recovery = 2.52%			
50) Toluene-d8	10.41	98	919945	45.31	ug/l	0.02
Spiked Amount 50.000			Recovery = 90.62%			
62) 4-Bromofluorobenzene	13.55	95	353893	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.90%			
Target Compounds						Qvalue
10) Methyl Iodide	3.33	142	1058	3.548	ug/l #	38
11) Tert butyl alcohol	4.04	59	875	2.610	ug/l #	76
16) Acetone	3.23	43	52930	38.250	ug/l	98
20) Methylene Chloride	3.83	84	64801	6.697	ug/l	93
25) 2-Butanone	6.07	43	3530	2.028	ug/l #	54
26) 2,2-Dichloropropane	6.15	77	10957	1.175	ug/l #	50
29) Tetrahydrofuran	6.45	42	3031	3.593	ug/l #	60
31) Cyclohexane	7.05	56	10565	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	47892	4.953	ug/l #	44
37) Ethyl Acetate	6.15	43	9226	2.231	ug/l #	1
38) Carbon Tetrachloride	7.05	117	60956	5.486	ug/l #	13
45) 1,2-Dichloropropane	8.97	63	13446	2.185	ug/l #	43
48) Methyl methacrylate	8.97	41	62449	18.807	ug/l #	46
51) 4-Methyl-2-Pentanone	10.29	43	4130	1.128	ug/l #	74
52) Toluene	10.51	92	15671	1.059	ug/l	99
74) N-amyl acetate	13.20	43	9398	1.333	ug/l #	47
76) 1,2,3-Trichloropropane	13.55	75	103590	19.717	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.55	75	131073	81.823	ug/l #	18

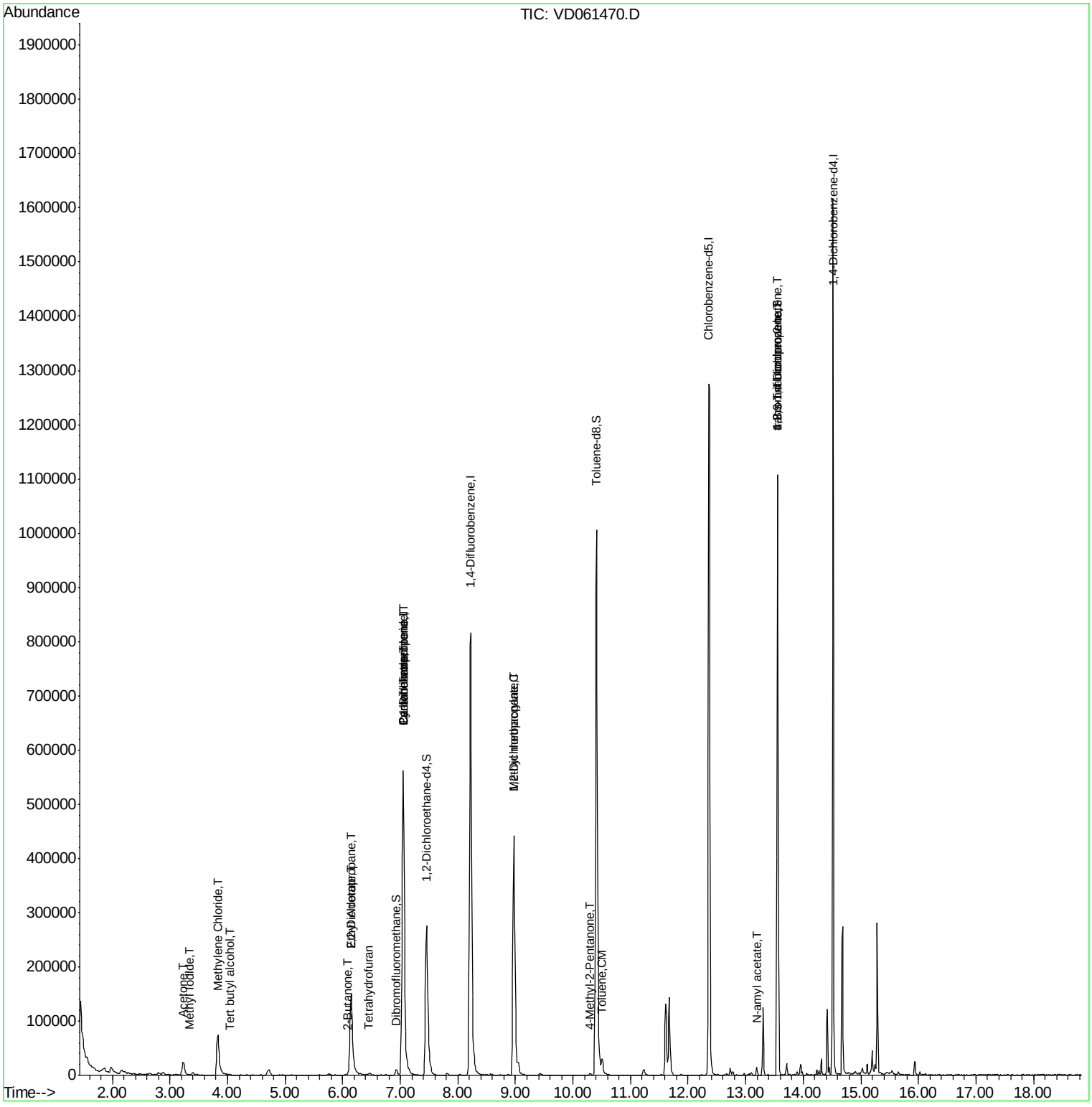
(#) = qualifier out of range (m) = manual integration (+) = signals summed

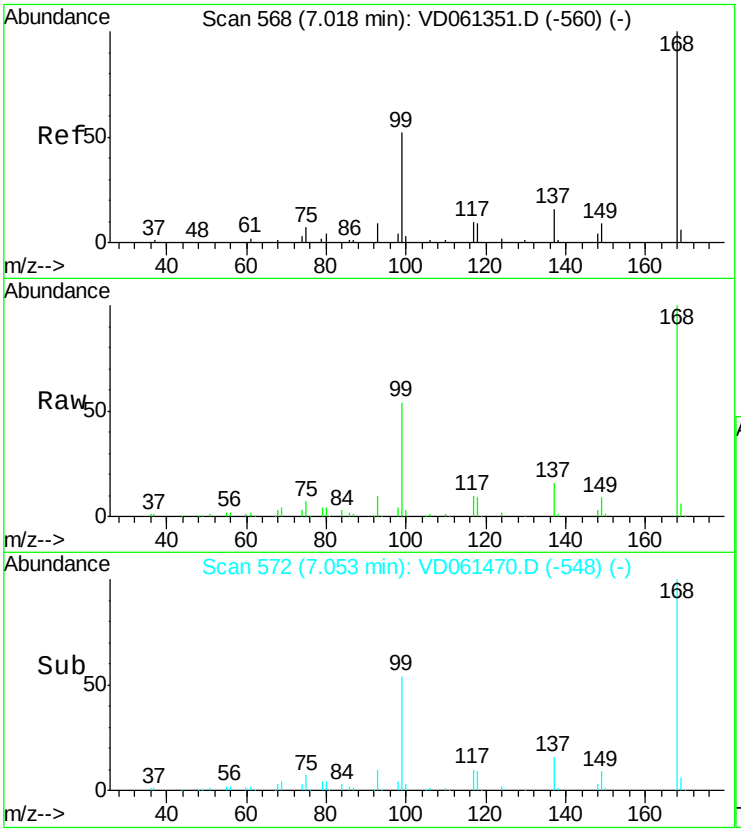
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061470.D
Acq On : 1 Apr 2019 15:59
Operator : VA/AP
Sample : K2184-02
Misc : 3.93g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 01:18:33 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



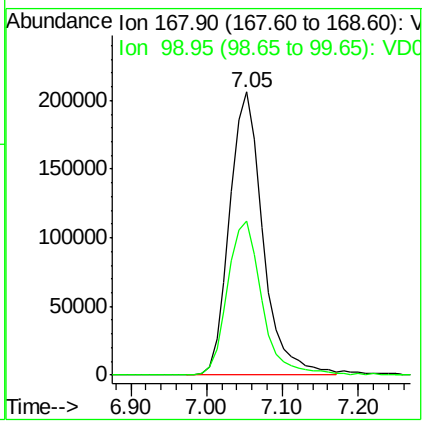


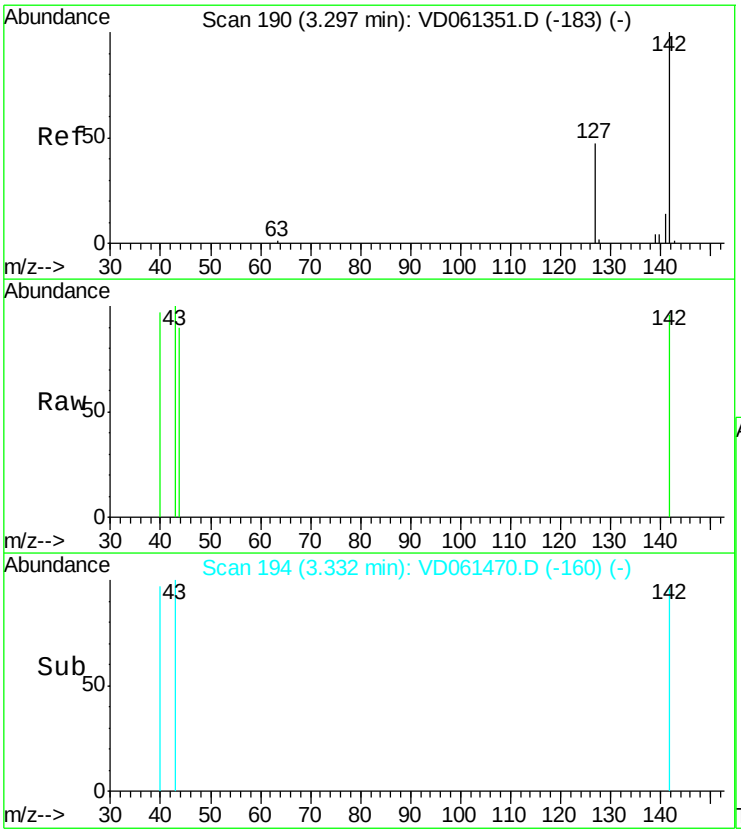
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 630147

Ion	Ratio	Lower	Upper
168	100		
99	54.4	43.1	64.7

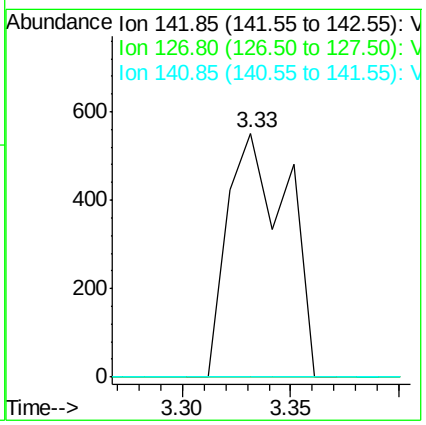


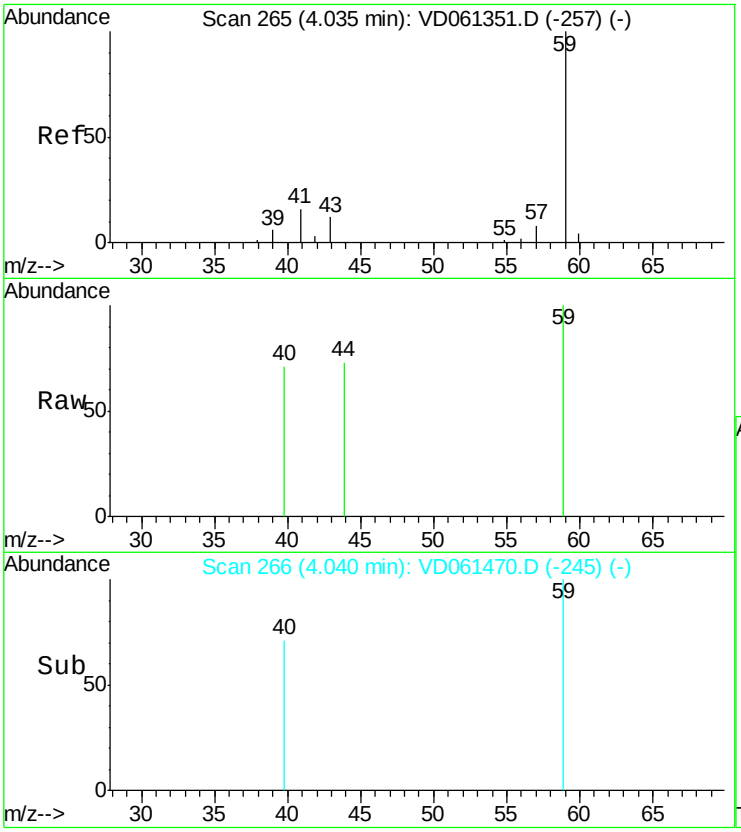


#10
Methyl Iodide
Concen: 3.548 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion:142 Resp: 1058

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



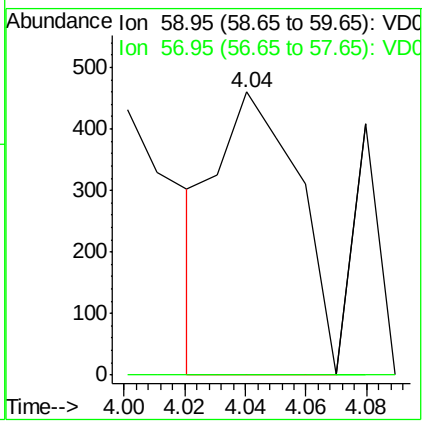


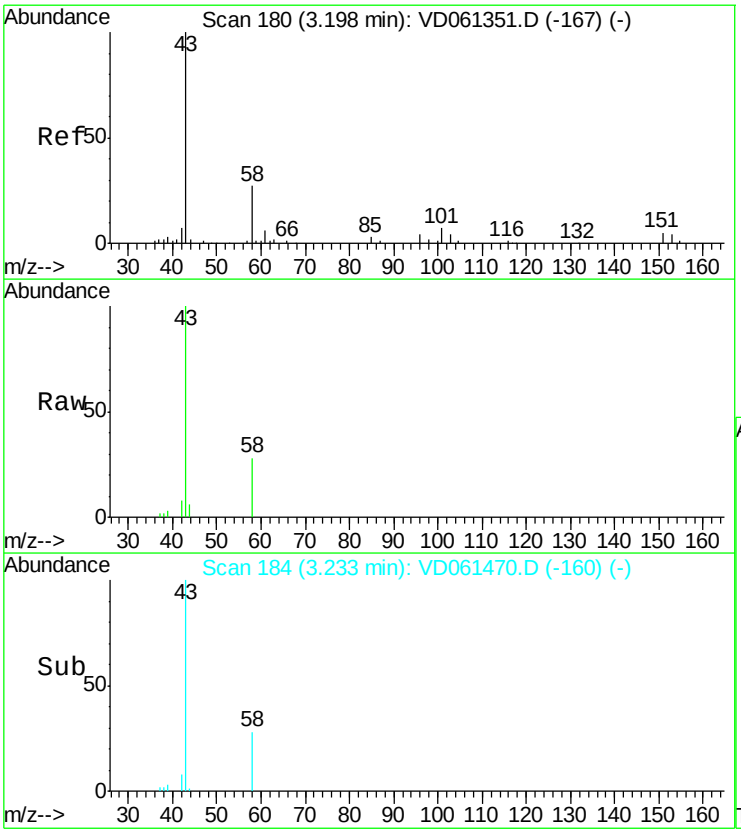
#11
Tert butyl alcohol
Concen: 2.610 ug/l
RT: 4.04 min Scan# 266
Delta R.T. 0.01 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 875

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.7	10.1#

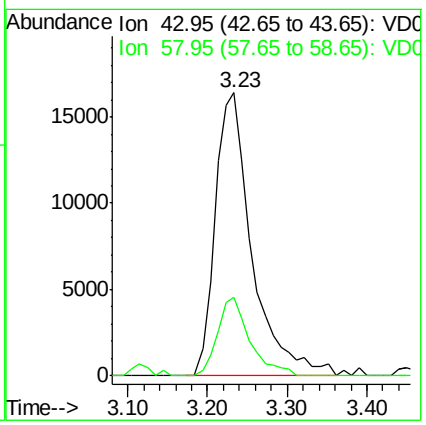


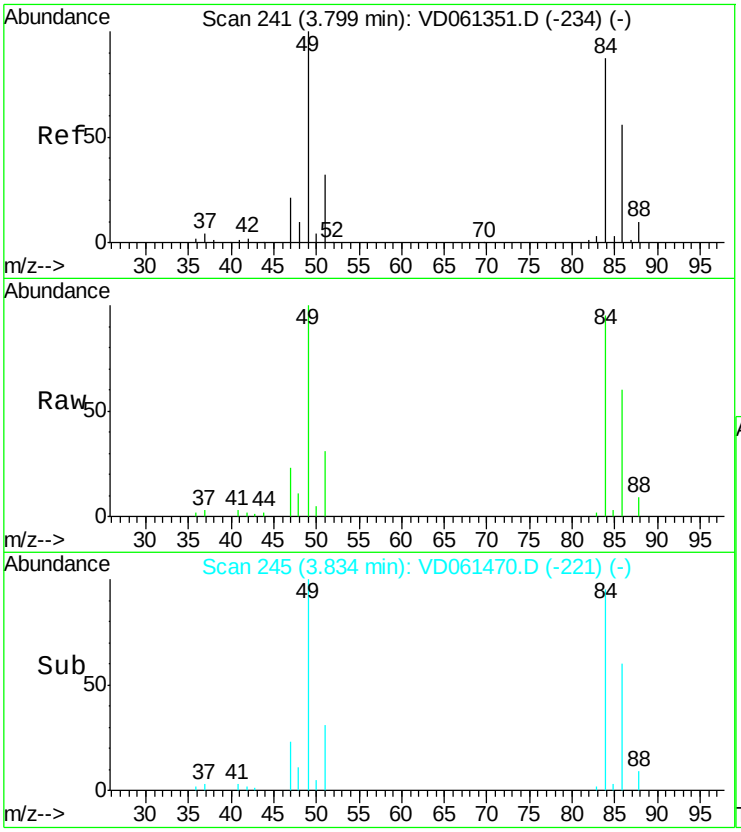


#16
Acetone
Concen: 38.250 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 43 Resp: 52930

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.5	32.3



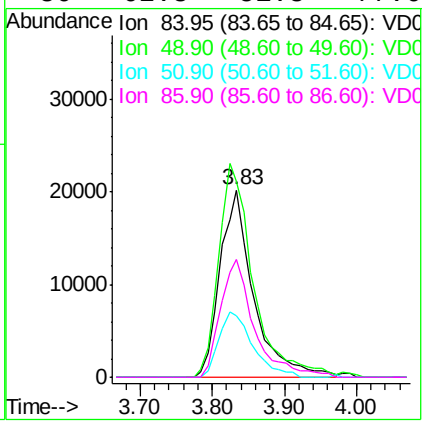


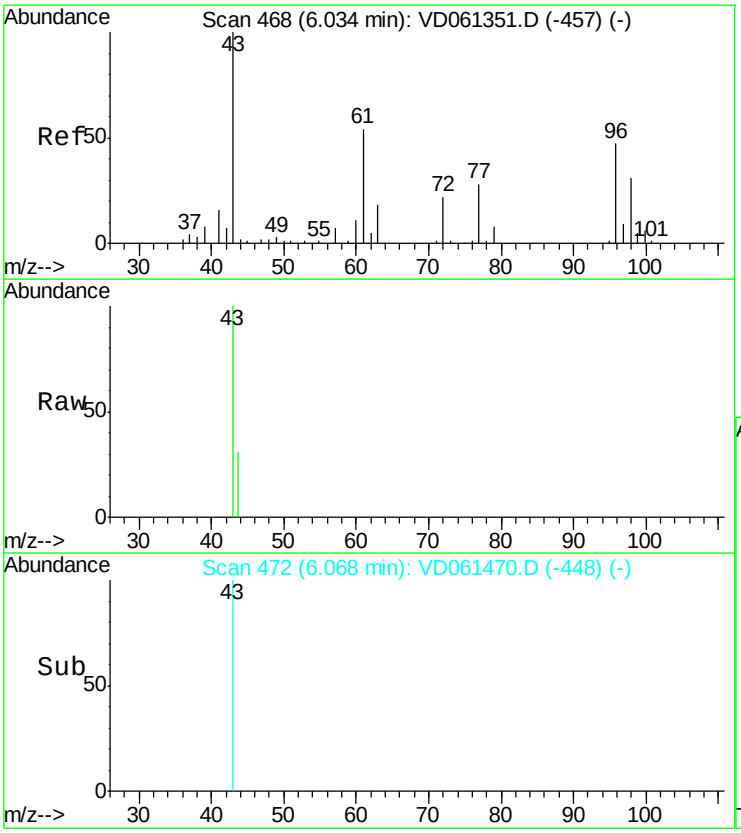
#20
Methylene Chloride
Concen: 6.697 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 64801

Ion	Ratio	Lower	Upper
84	100		
49	104.9	91.8	137.8
51	33.0	29.8	44.8
86	62.8	51.8	77.6

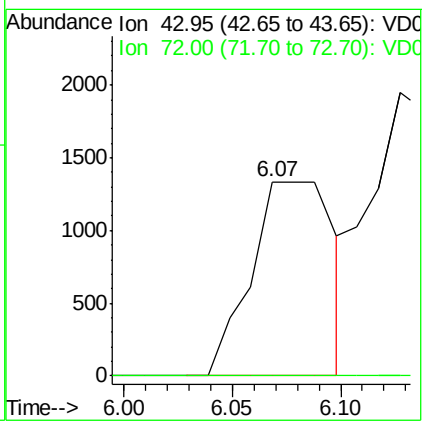


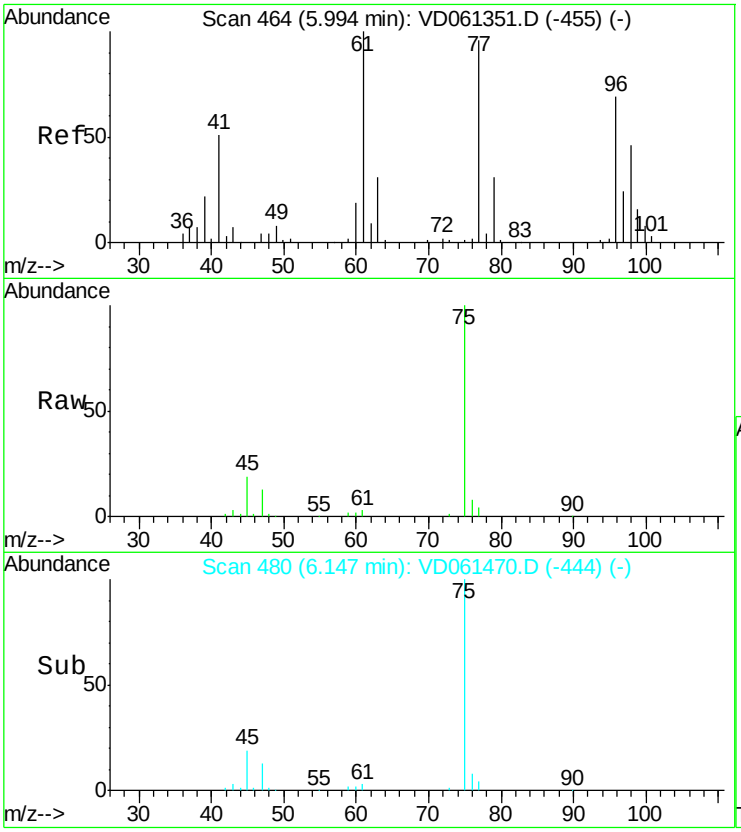


#25
2-Butanone
Concen: 2.028 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 43 Resp: 3530

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.2	25.8#



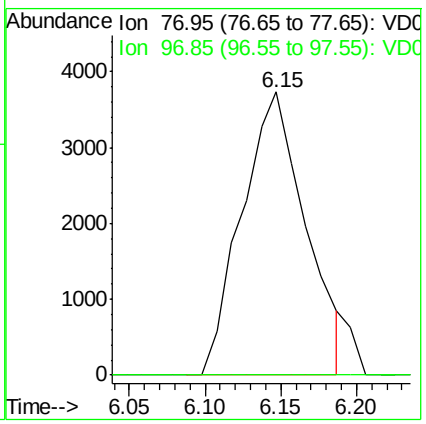


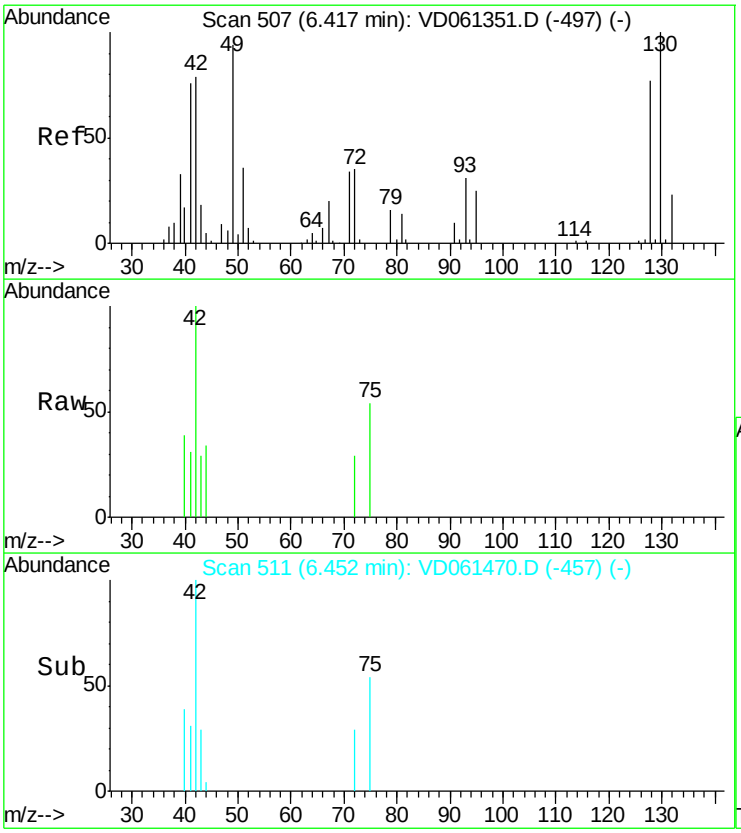
#26
2,2-Dichloropropane
Concen: 1.175 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.15 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 77 Resp: 10957

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.7	38.0#

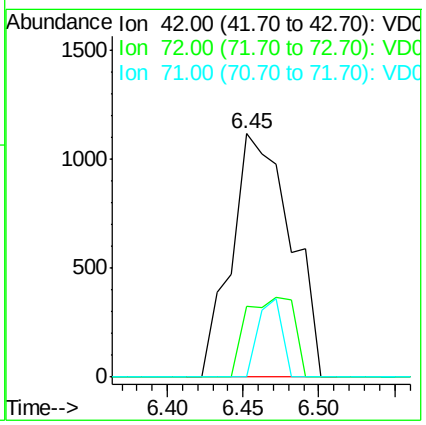


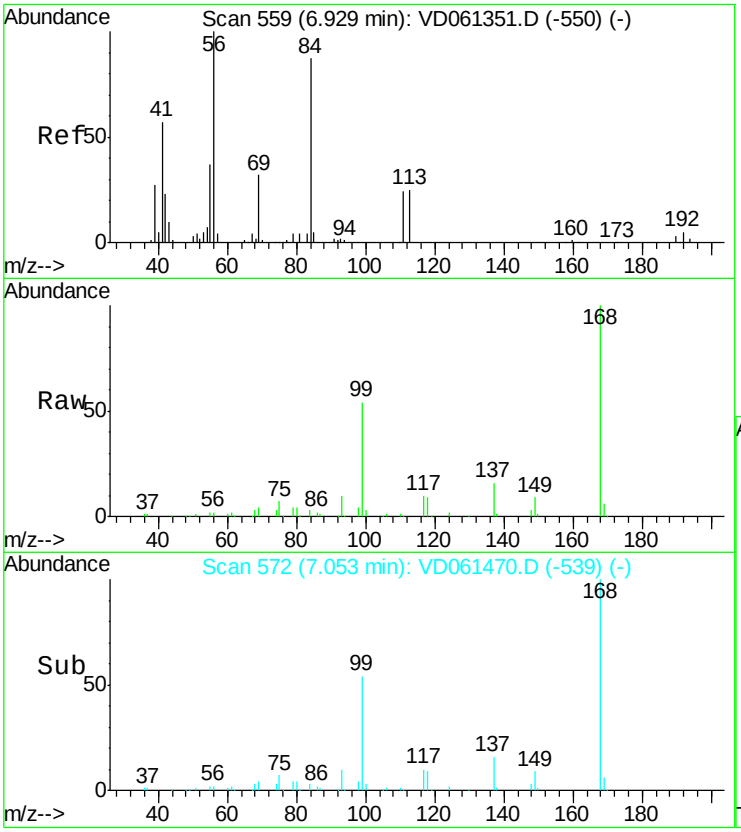


#29
Tetrahydrofuran
Concen: 3.593 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 42 Resp: 3031

Ion	Ratio	Lower	Upper
42	100		
72	26.7	37.4	56.0#
71	13.0	36.7	55.1#



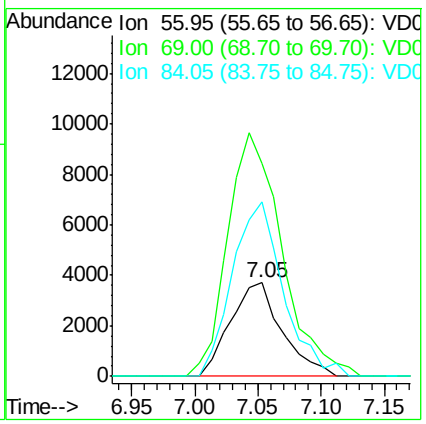


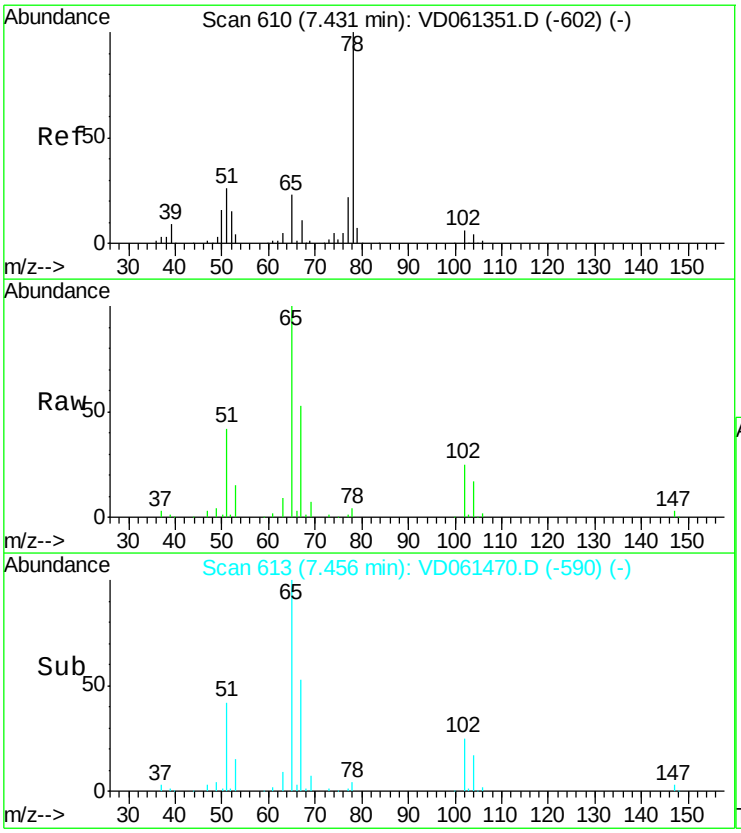
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 10565

Ion	Ratio	Lower	Upper
56	100		
69	227.3	25.7	38.5#
84	185.9	70.6	105.8#

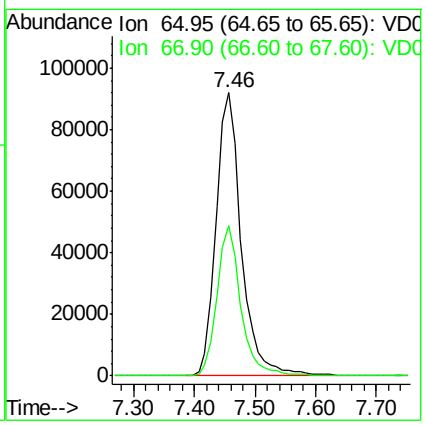


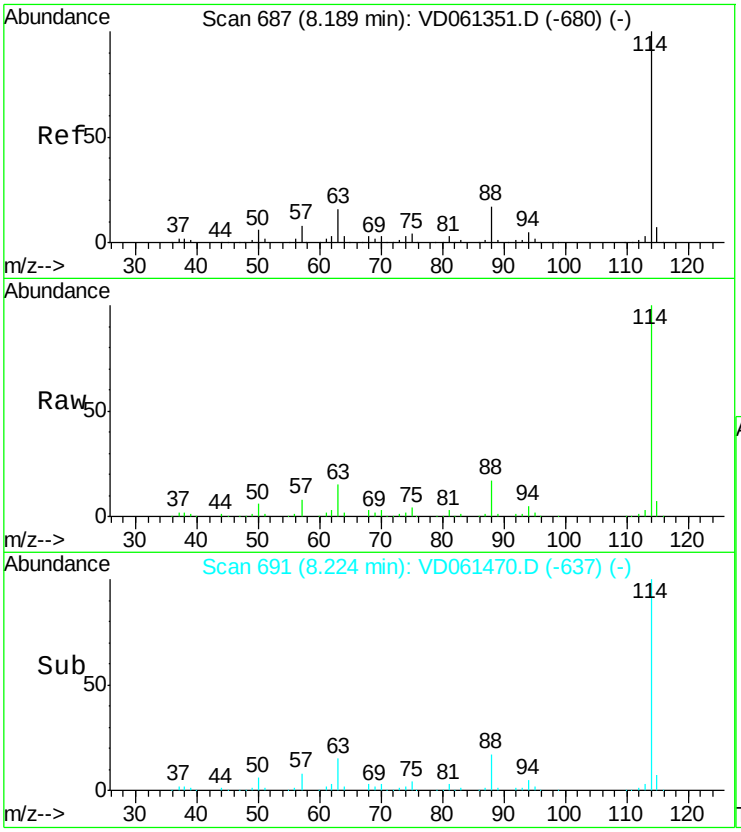


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 65 Resp: 265920

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	99.8



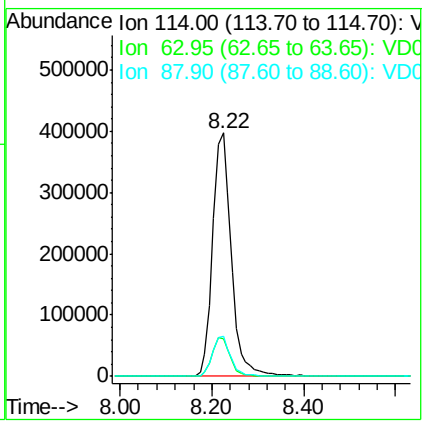


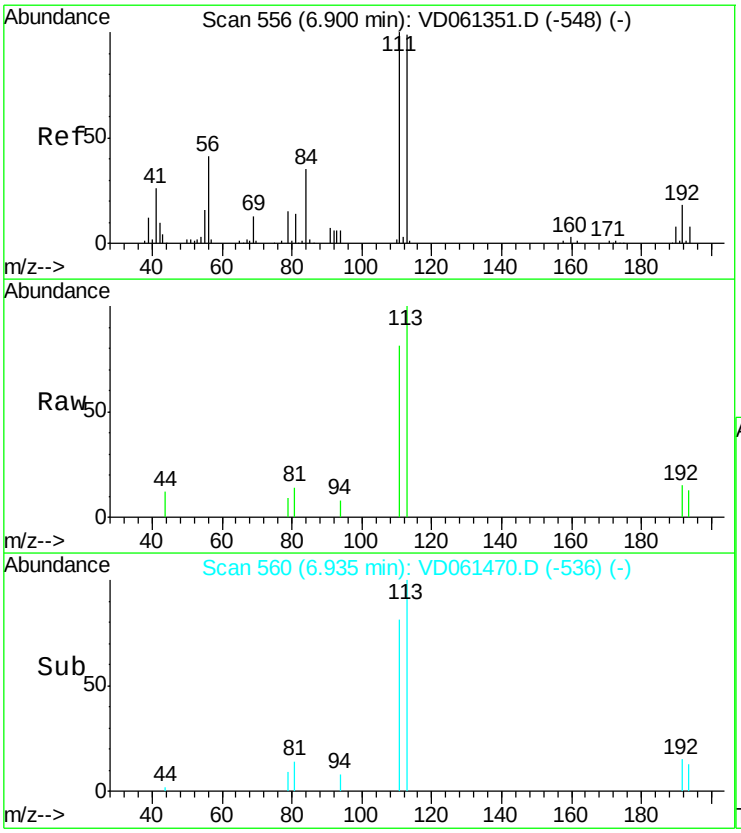
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1107840

Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	31.6
88	16.6	0.0	33.4

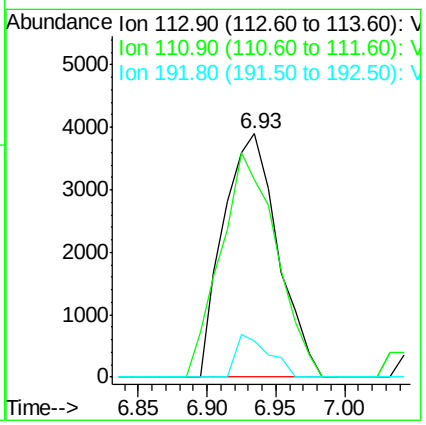


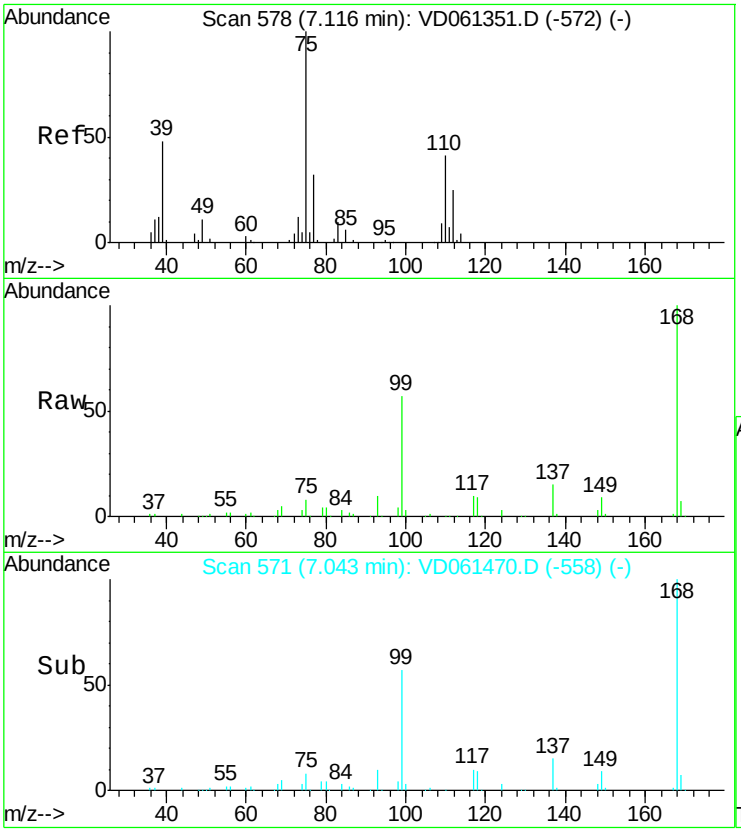


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion:113 Resp: 10702

Ion	Ratio	Lower	Upper
113	100		
111	81.2	81.0	121.6
192	15.2	14.4	21.6



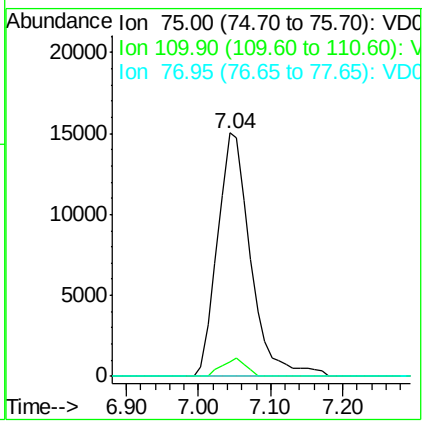


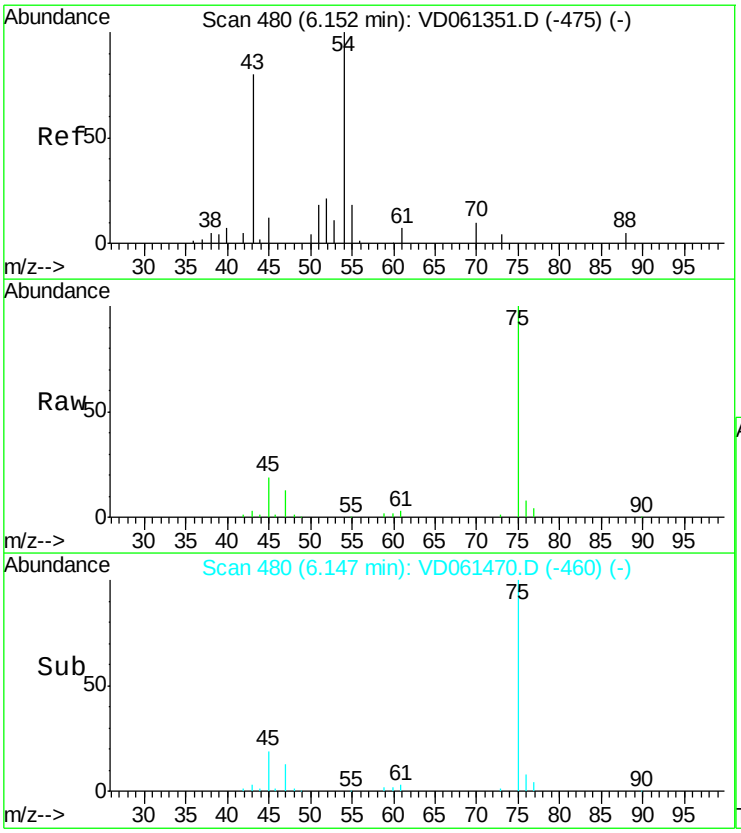
#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 47892

Ion	Ratio	Lower	Upper
75	100		
110	6.2	20.4	61.3#
77	0.0	24.9	37.3#

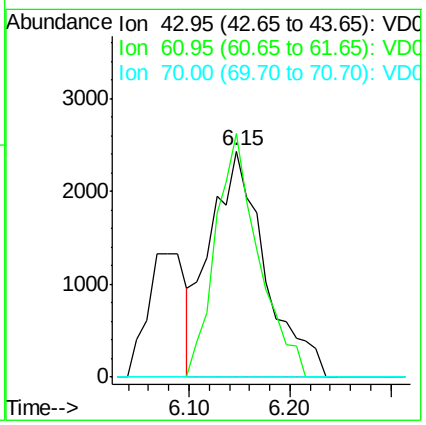


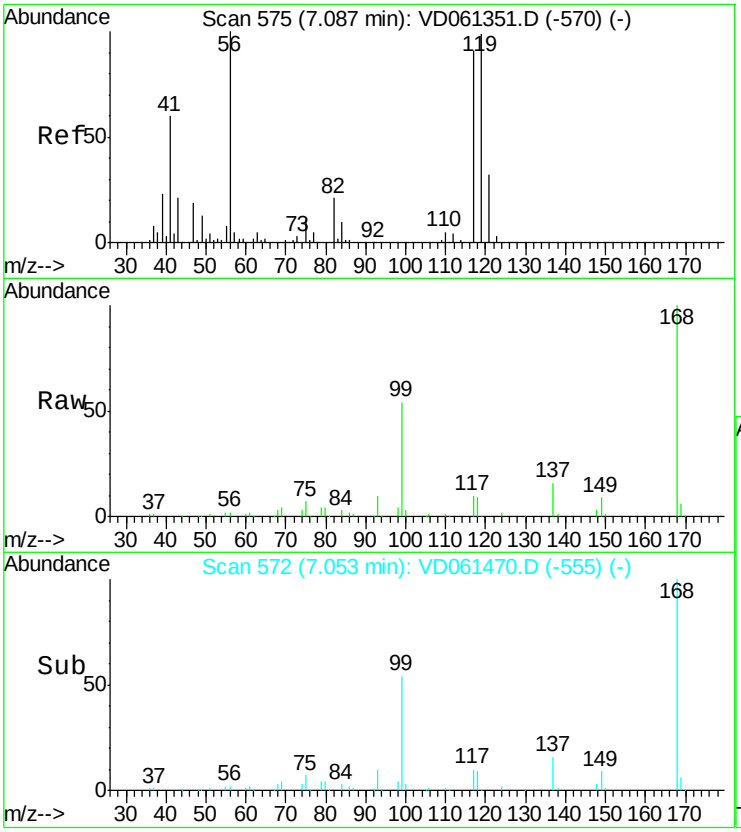


#37
Ethyl Acetate
Concen: 2.231 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.00 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 43 Resp: 9226

Ion	Ratio	Lower	Upper
43	100		
61	107.8	13.8	20.8#
70	0.0	7.8	11.8#



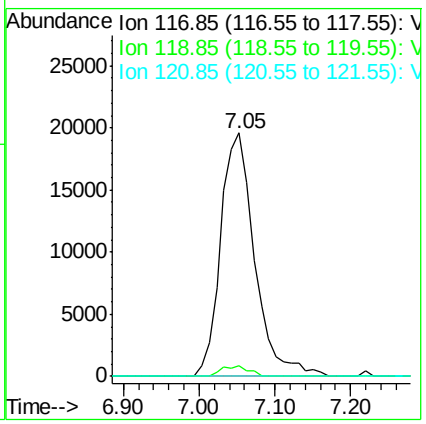


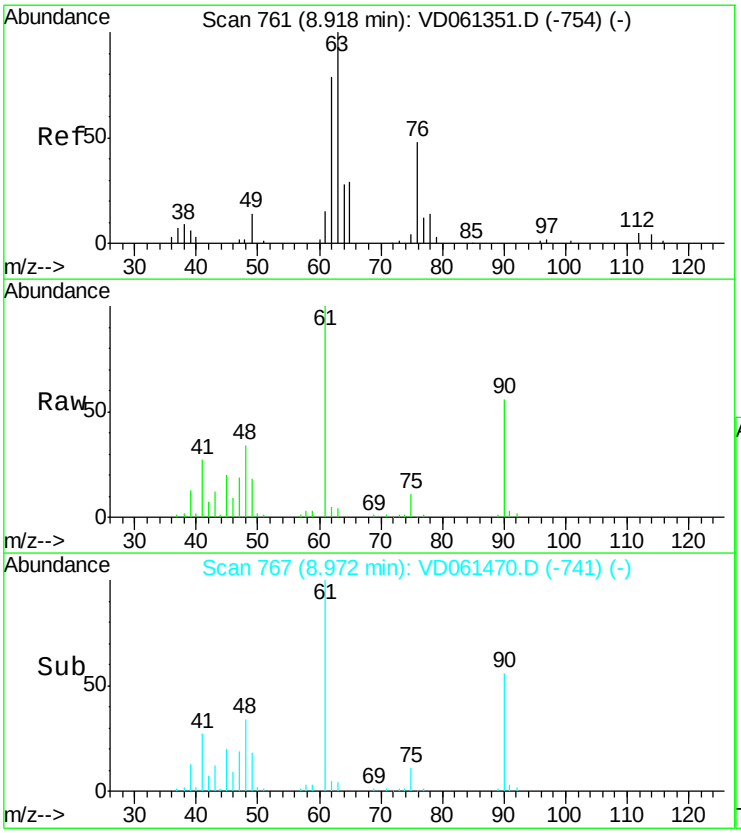
#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.03 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 60956

Ion	Ratio	Lower	Upper
117	100		
119	4.2	80.1	120.1#
121	0.0	25.6	38.4#

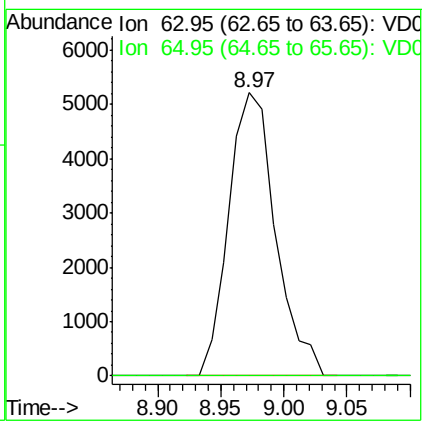


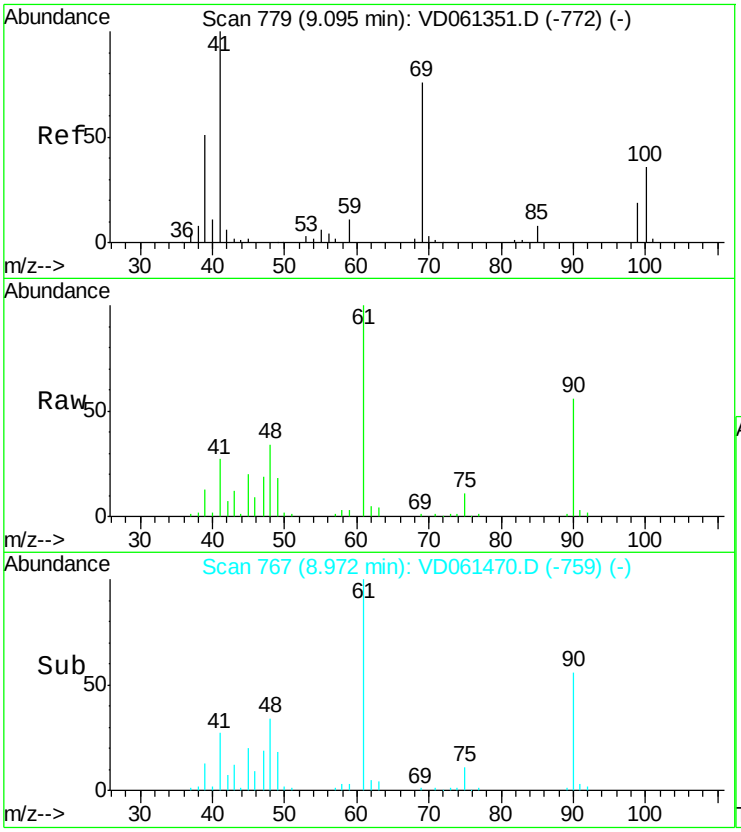


#45
1,2-Dichloropropane
Concen: 2.185 ug/l
RT: 8.97 min Scan# 767
Delta R.T. 0.05 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 63 Resp: 13446

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



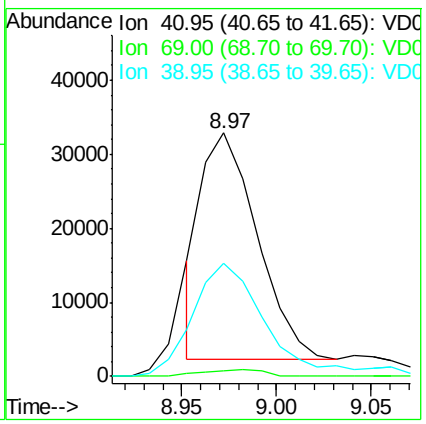


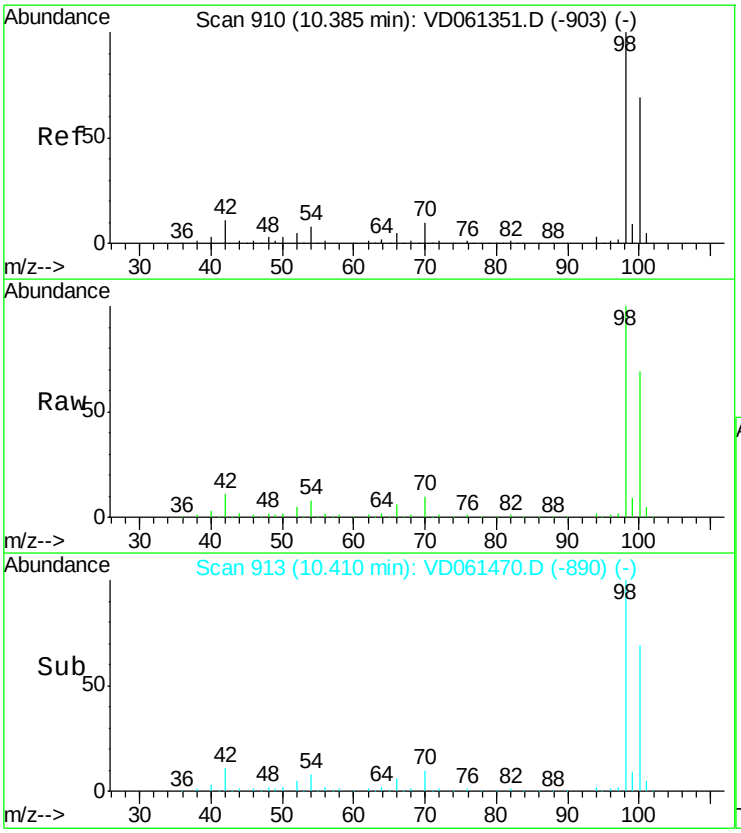
#48
Methyl methacrylate
Concen: 18.807 ug/l
RT: 8.97 min Scan# 767
Delta R.T. -0.12 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 62449

Ion	Ratio	Lower	Upper
41	100		
69	2.4	60.2	90.4#
39	46.6	41.4	62.2

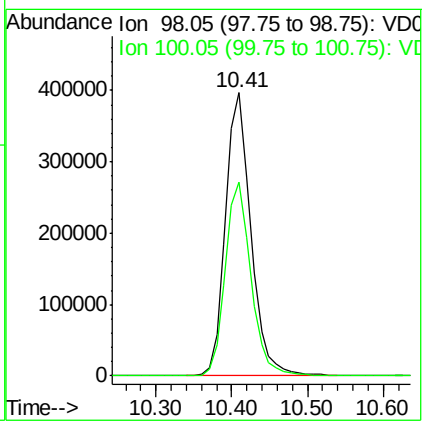


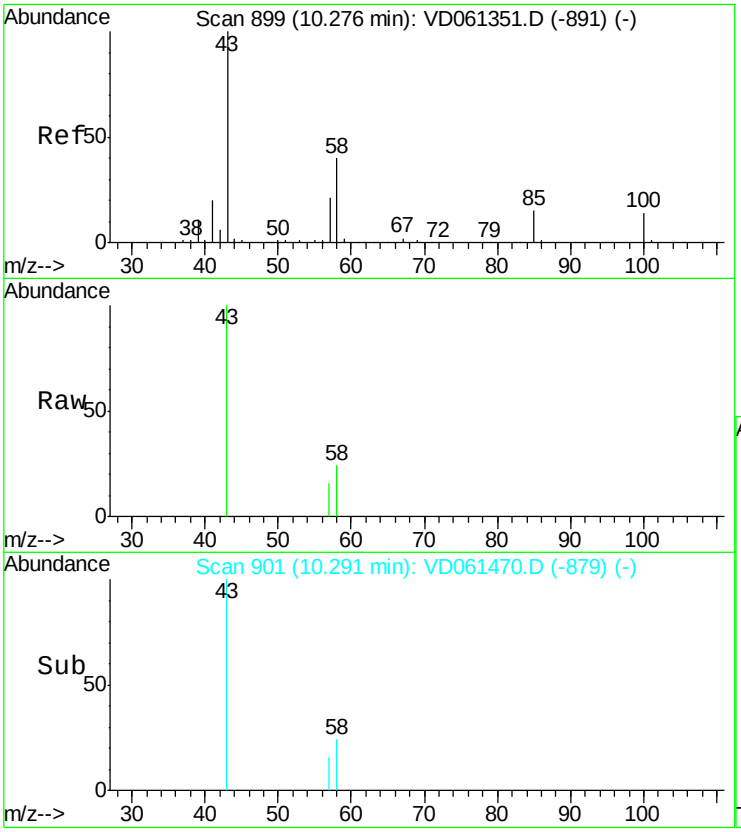


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 98 Resp: 919945

Ion	Ratio	Lower	Upper
98	100		
100	68.5	56.2	84.2



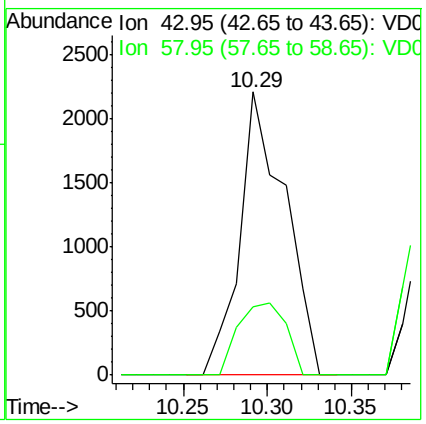


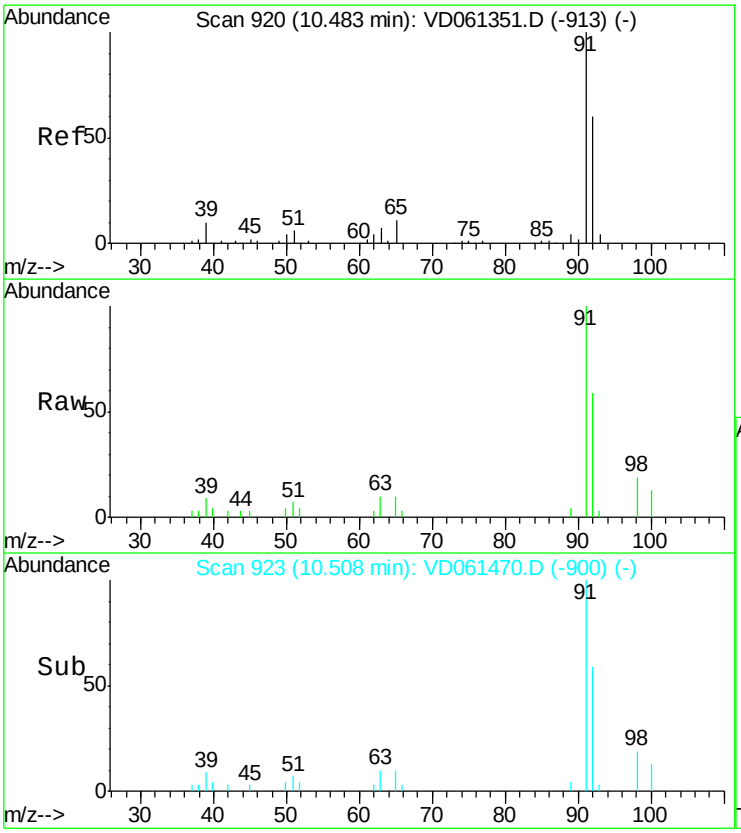
#51
4-Methyl-2-Pentanone
Concen: 1.128 ug/l
RT: 10.29 min Scan# 901
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4130

Ion	Ratio	Lower	Upper
43	100		
58	24.1	31.8	47.8#

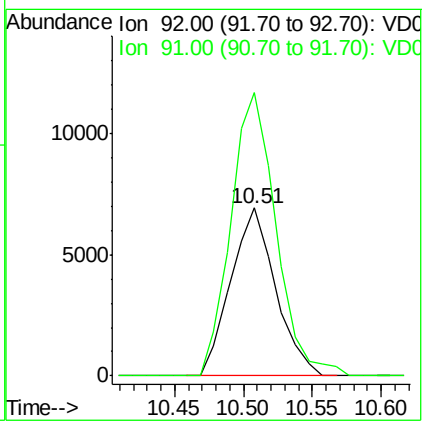


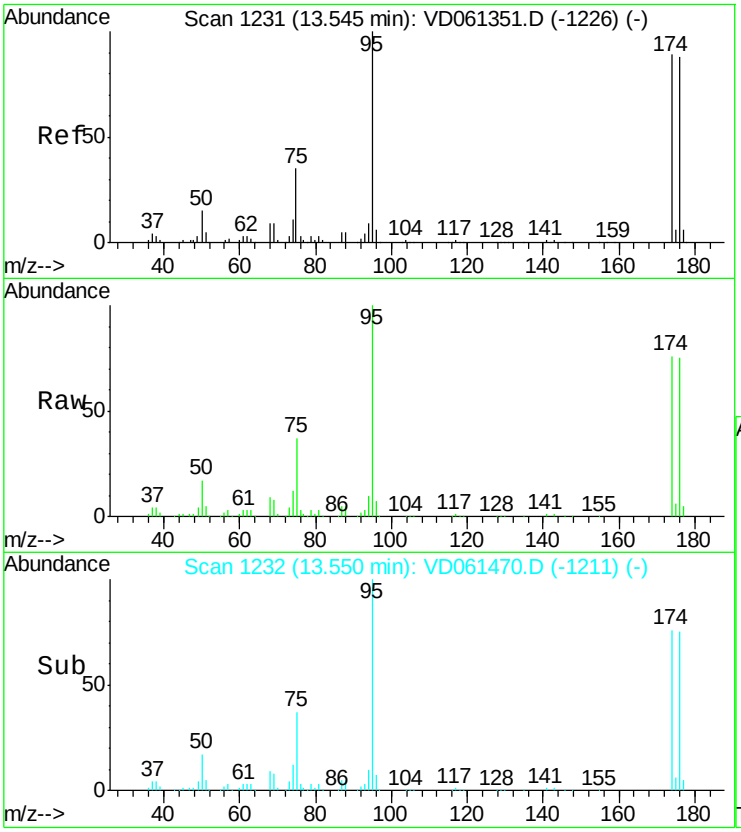


#52
Toluene
Concen: 1.059 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 92 Resp: 15671

Ion	Ratio	Lower	Upper
92	100		
91	168.4	133.3	199.9



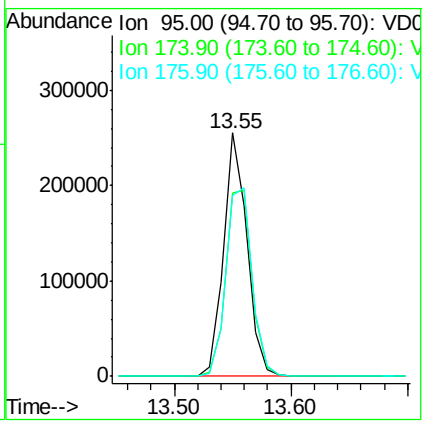


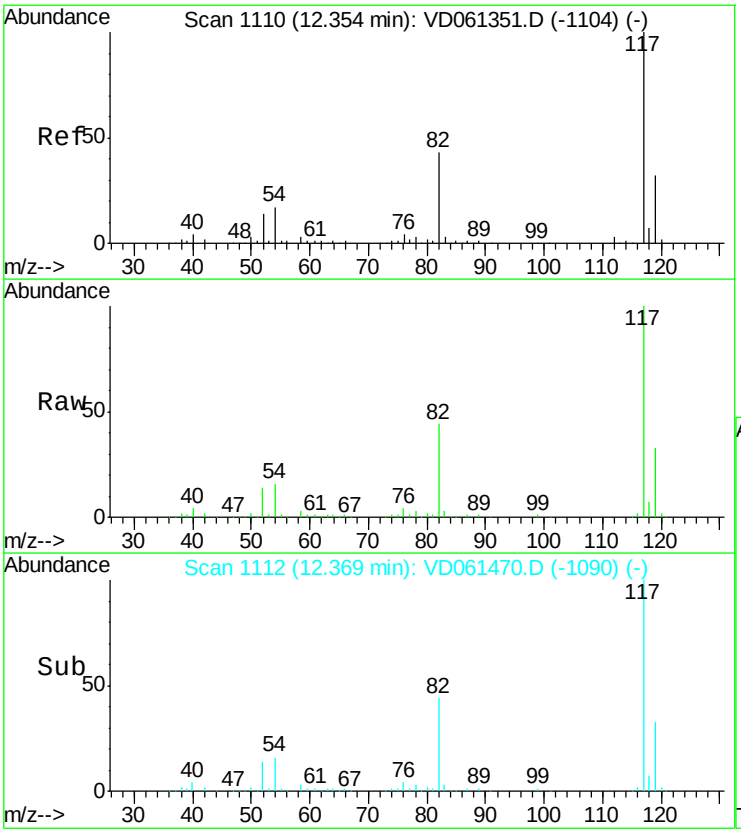
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 353893

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	178.0
176	74.5	0.0	175.0

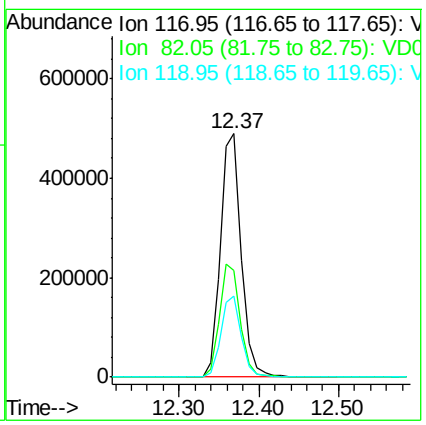


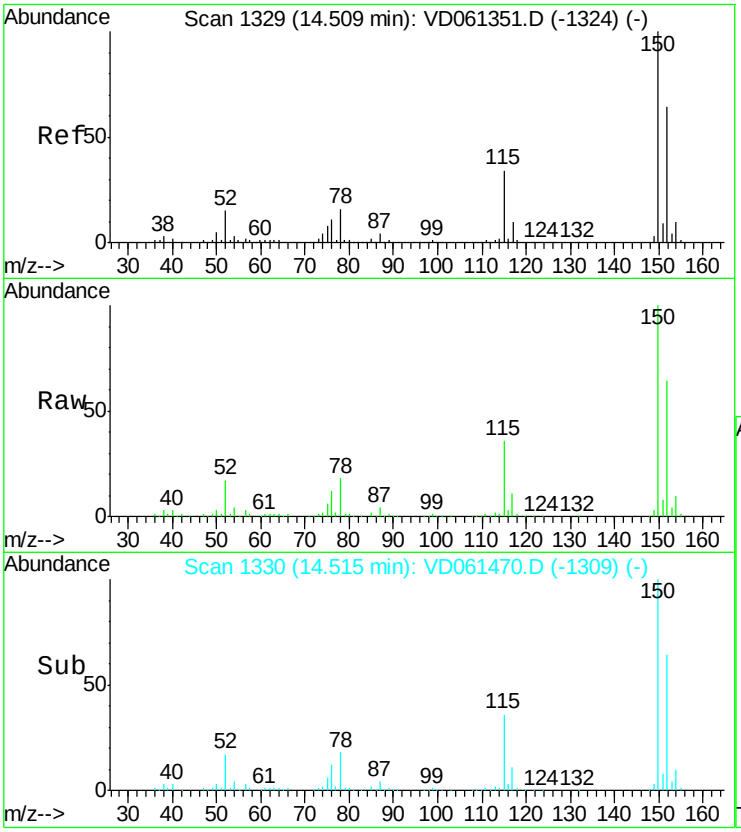


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion:117 Resp: 898627

Ion	Ratio	Lower	Upper
117	100		
82	43.8	34.4	51.6
119	33.3	25.8	38.6



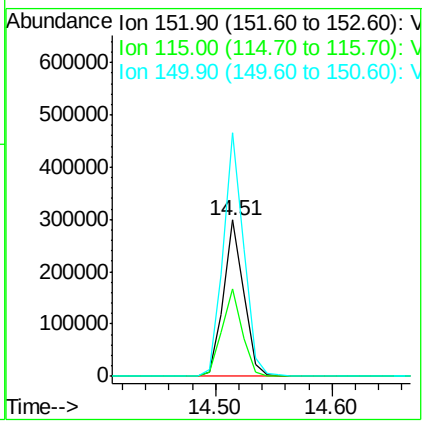


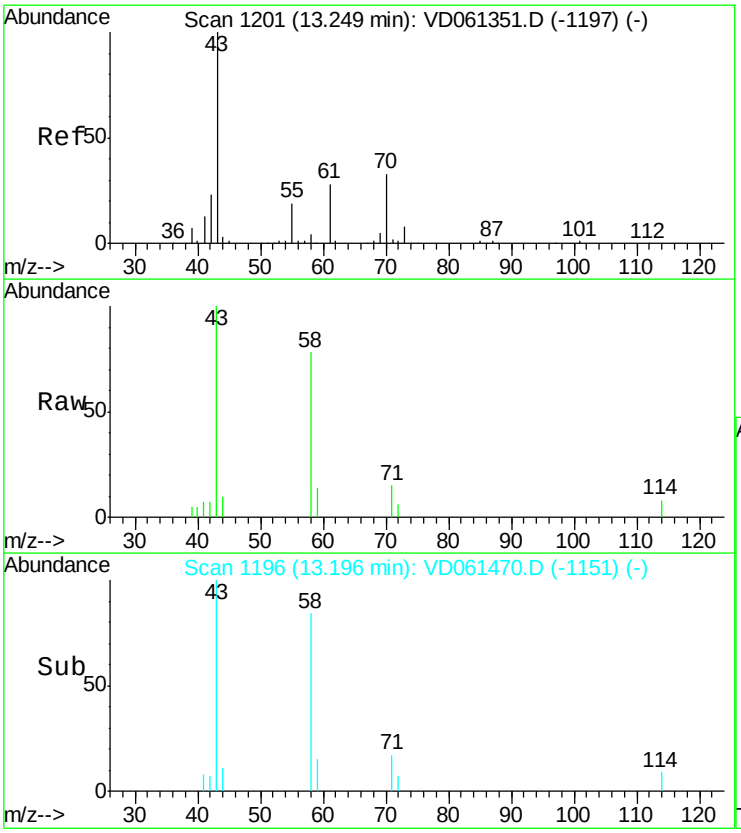
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 363708

Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.9	80.6
150	155.8	0.0	318.0

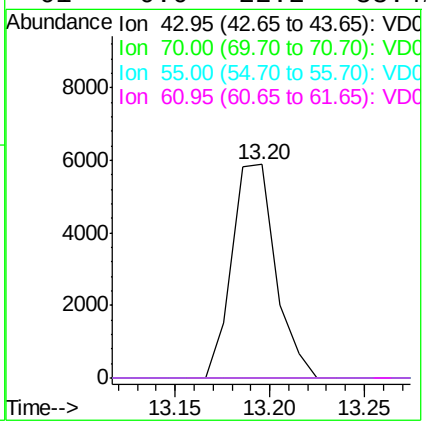


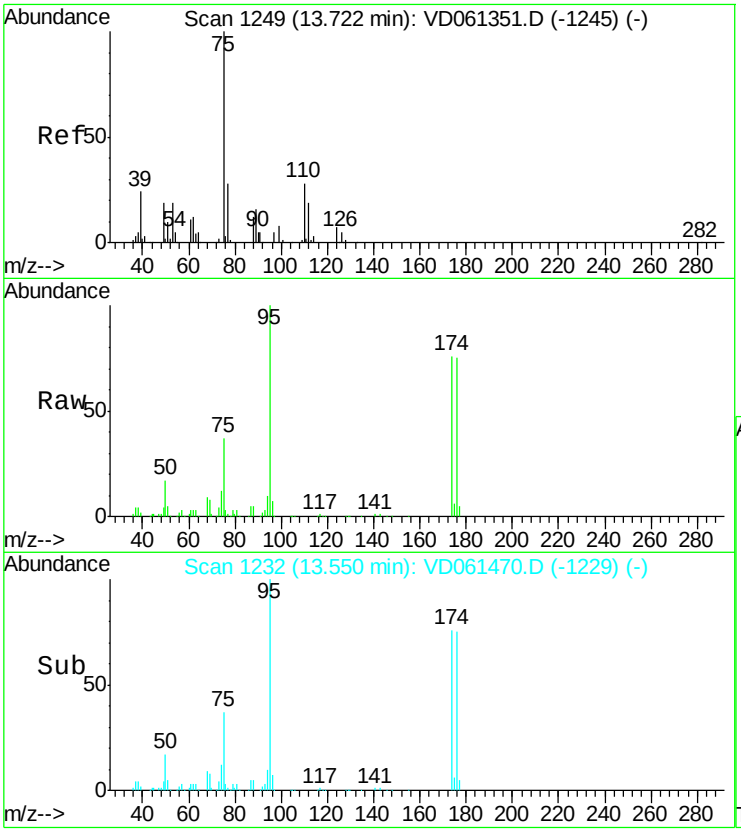


#74
N-amyl acetate
Concen: 1.333 ug/l
RT: 13.20 min Scan# 1196
Delta R.T. -0.05 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 43 Resp: 9398

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.6	40.0#
55	0.0	15.4	23.2#
61	0.0	22.2	33.4#



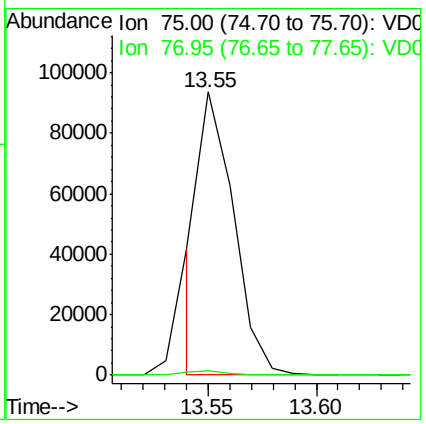


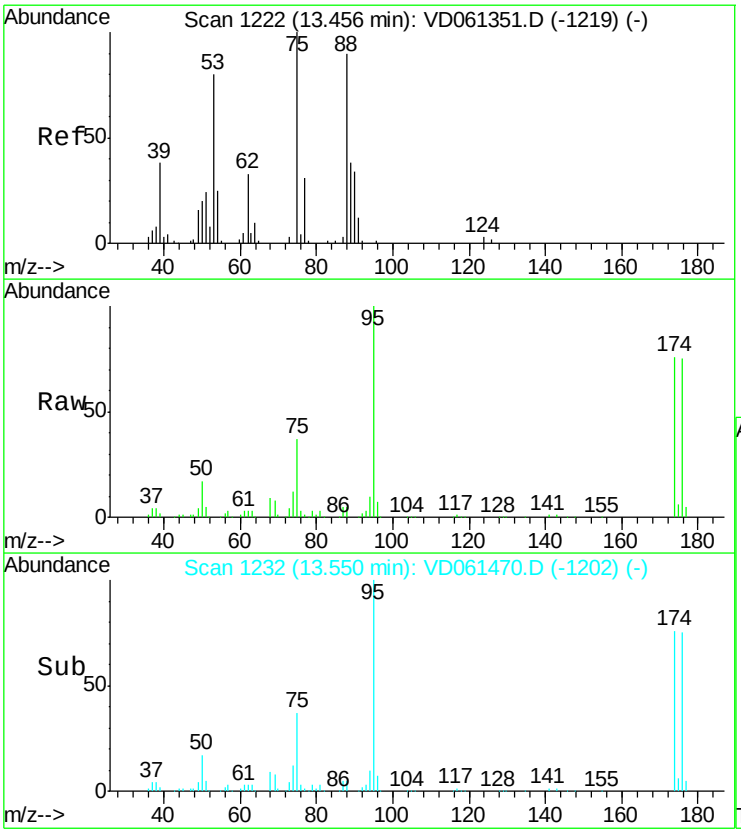
#76
1,2,3-Trichloropropane
Concen: 19.717 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 103590

Ion	Ratio	Lower	Upper
75	100		
77	1.6	16.2	48.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.823 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD061470.D
Acq: 1 Apr 2019 15:59

Tgt Ion: 75 Resp: 131073

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