Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD062001.D
Acq On : 24 Apr 2019 16:51
Operator : VA/AP
Sample : K2540-02RE
Misc : 4.70g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 25 01:34:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.05	168	383349	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.22	114	648001	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.37	117	523213	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	176296	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.46	65	157504	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
35) Dibromofluoromethane	7.05	113	181	0.04	ug/l		0.12
Spiked Amount 50.000			Recovery = 0.08%				
50) Toluene-d8	10.42	98	464207	43.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.06%				
62) 4-Bromofluorobenzene	13.56	95	174263	40.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.48%				
Target Compounds							Qvalue
16) Acetone	3.22	43	79407	110.844	ug/l		96
20) Methylene Chloride	3.82	84	18497	2.259	ug/l		94
25) 2-Butanone	6.09	43	12000	13.816	ug/l	#	87
31) Cyclohexane	7.04	56	6652	1.488	ug/l	#	1
36) 1,1-Dichloropropene	7.05	75	27386	5.424	ug/l	#	45
37) Ethyl Acetate	6.09	43	12000	5.578	ug/l	#	64
38) Carbon Tetrachloride	7.04	117	37582	5.875	ug/l	#	17
51) 4-Methyl-2-Pentanone	10.30	43	3078	1.601	ug/l	#	37
52) Toluene	10.52	92	29654	3.721	ug/l		93
59) 2-Hexanone	11.54	43	1800	1.248	ug/l		71
68) m/p-Xylenes	12.66	106	26375	4.522	ug/l		94
69) o-Xylene	13.06	106	10893	2.041	ug/l		91
80) 1,3,5-Trimethylbenzene	13.93	105	14887	1.588	ug/l		92
81) trans-1,4-Dichloro-2-buten	13.56	75	69124	101.891	ug/l	#	16
84) 1,2,4-Trimethylbenzene	14.24	105	51723	5.777	ug/l		92
95) Naphthalene	16.13	128	23489	5.533	ug/l		99

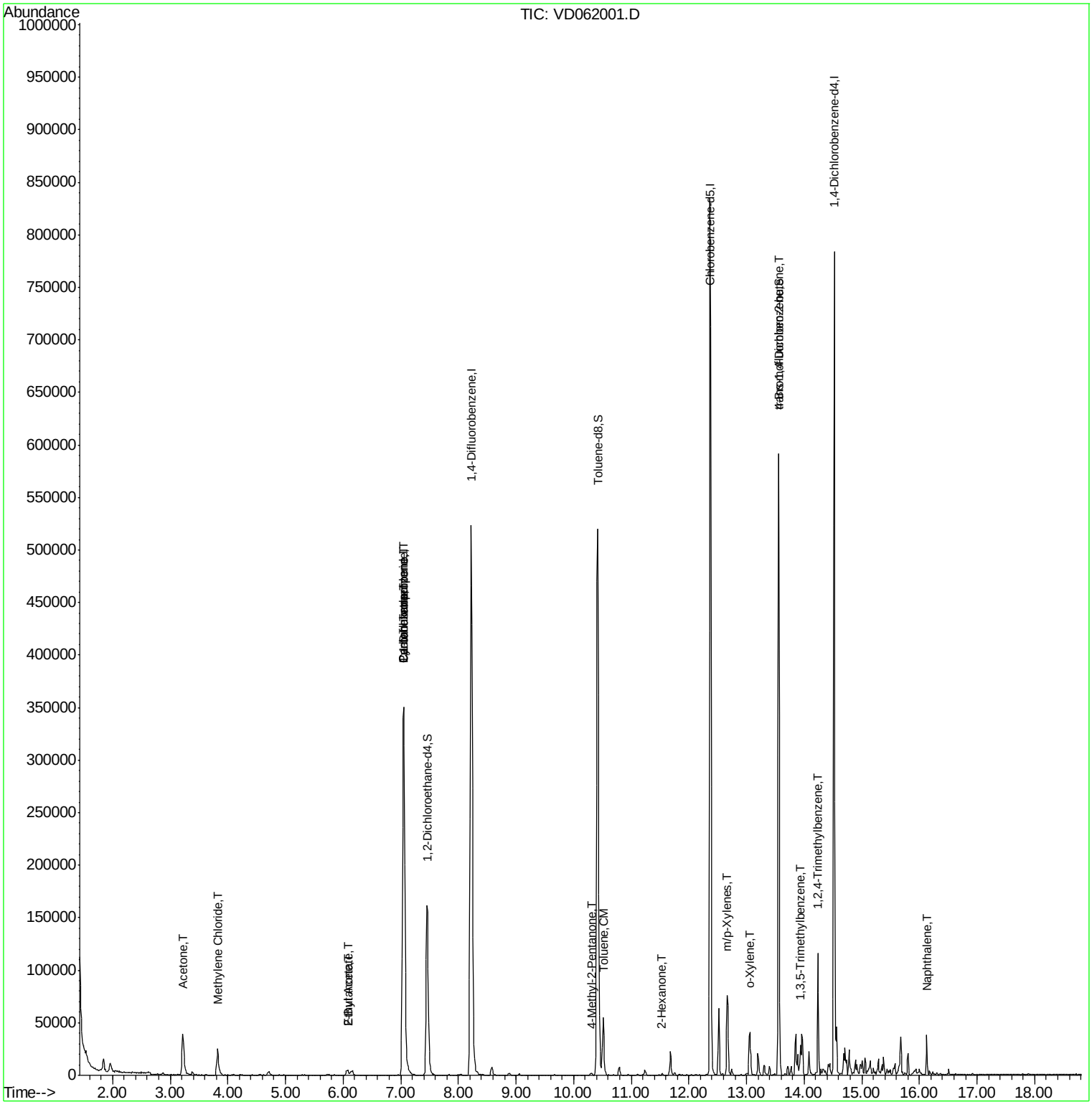
(#) = qualifier out of range (m) = manual integration (+) = signals summed

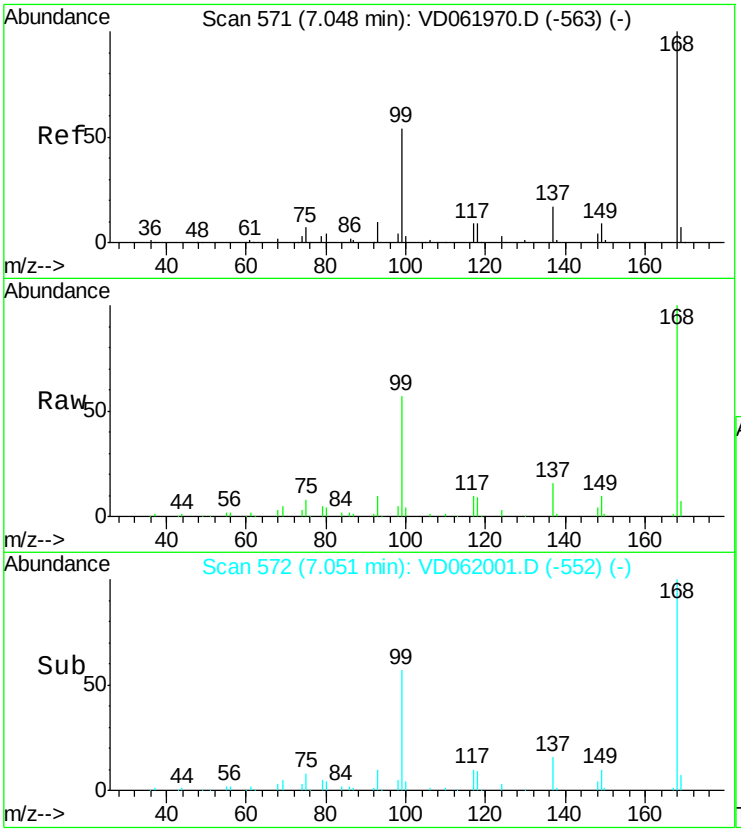
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD062001.D
Acq On : 24 Apr 2019 16:51
Operator : VA/AP
Sample : K2540-02RE
Misc : 4.70g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 25 01:34:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration



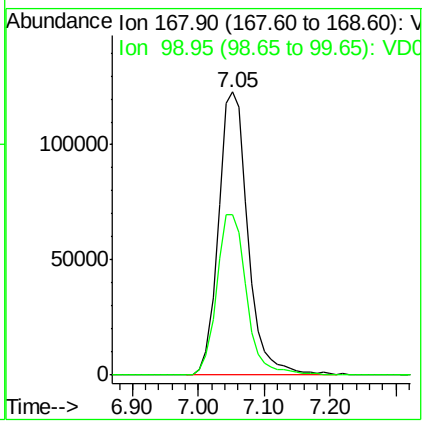


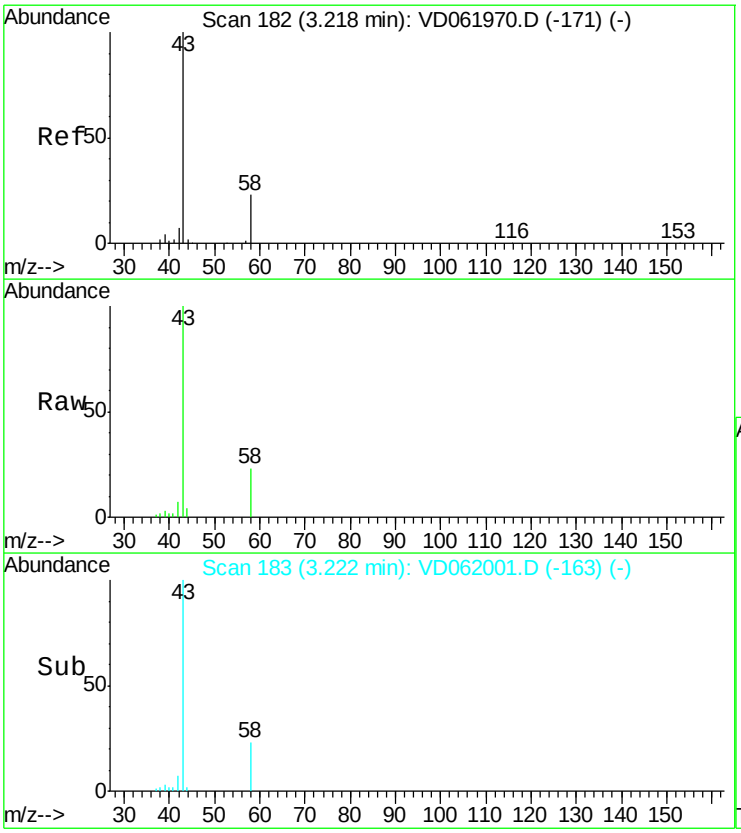
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 383349

Ion	Ratio	Lower	Upper
168	100		
99	56.7	46.5	69.7

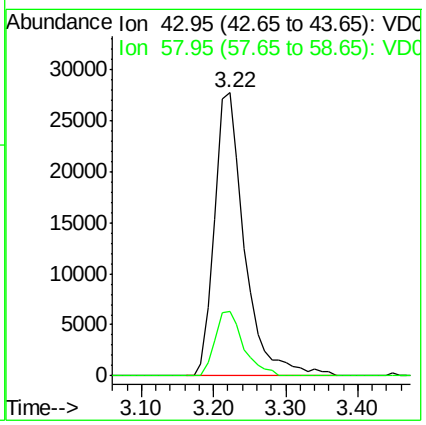


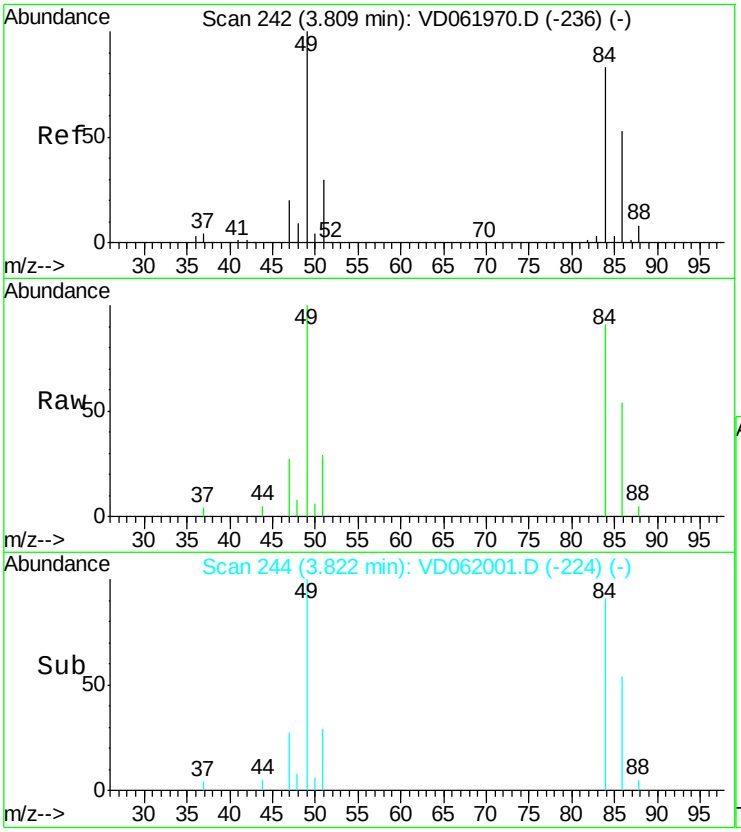


#16
Acetone
Concen: 110.844 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 43 Resp: 79407

Ion	Ratio	Lower	Upper
43	100		
58	22.8	19.9	29.9



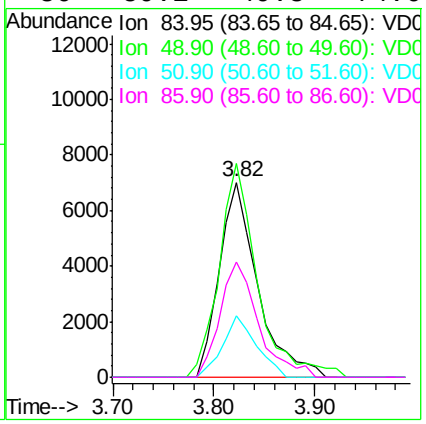


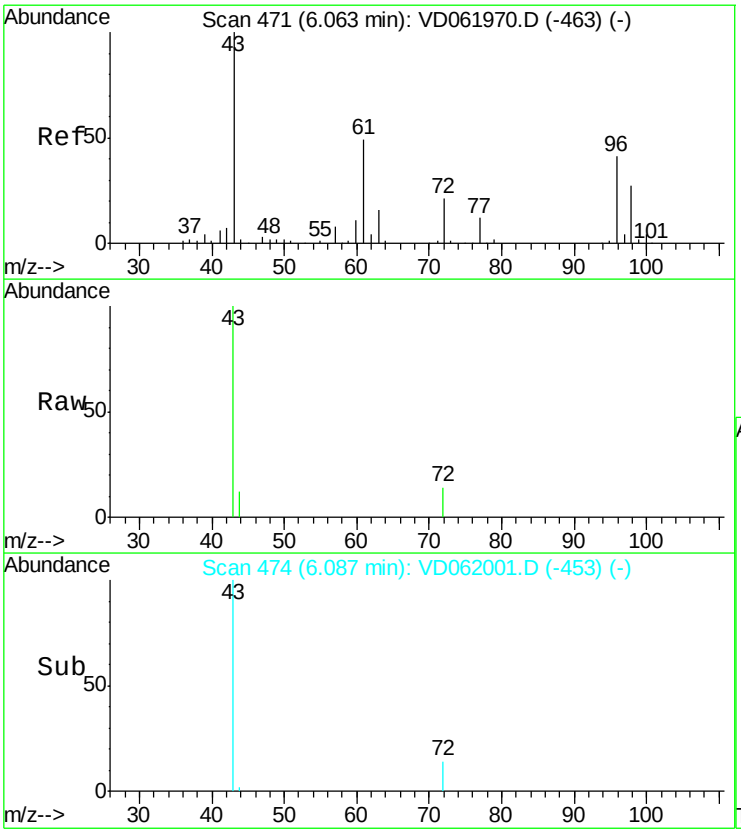
#20
Methylene Chloride
Concen: 2.259 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 18497

Ion	Ratio	Lower	Upper
84	100		
49	109.7	94.0	141.0
51	31.4	29.0	43.4
86	59.1	49.8	74.6

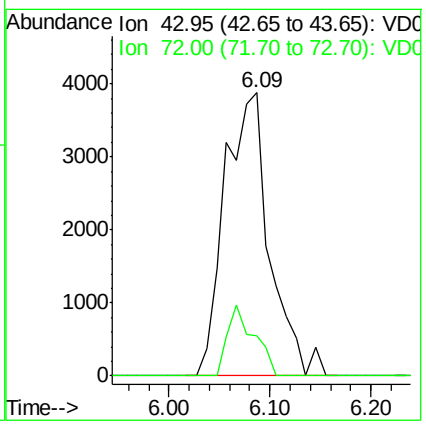


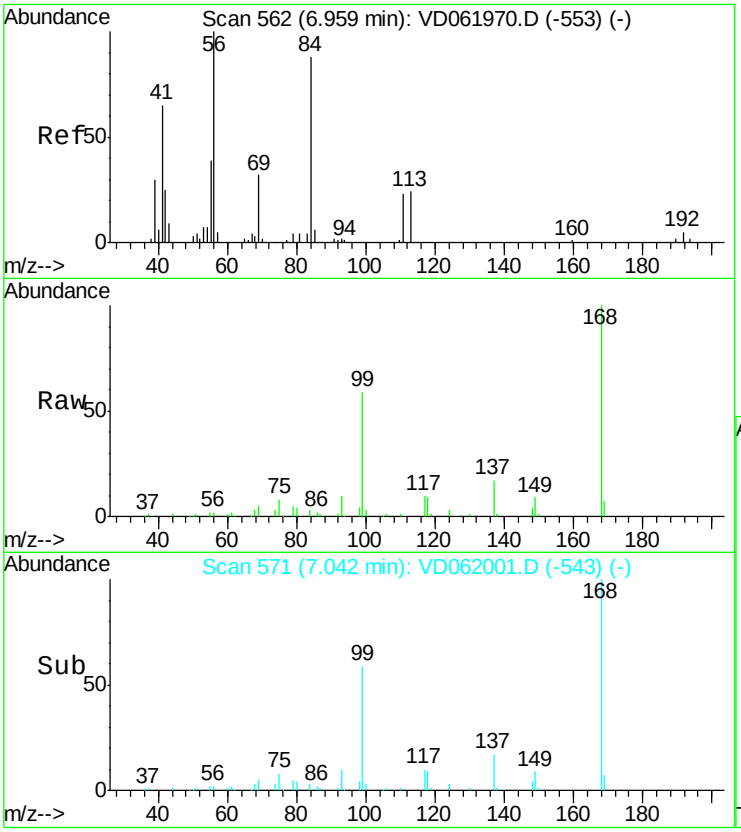


#25
2-Butanone
Concen: 13.816 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 43 Resp: 12000

Ion	Ratio	Lower	Upper
43	100		
72	14.2	16.2	24.4#



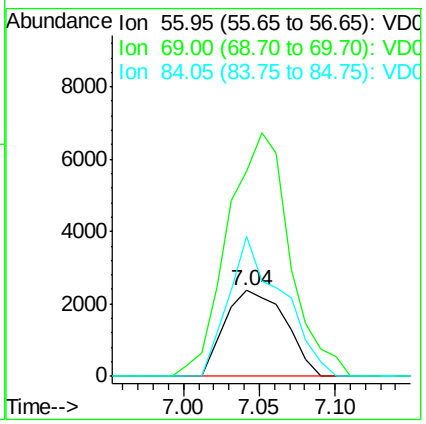


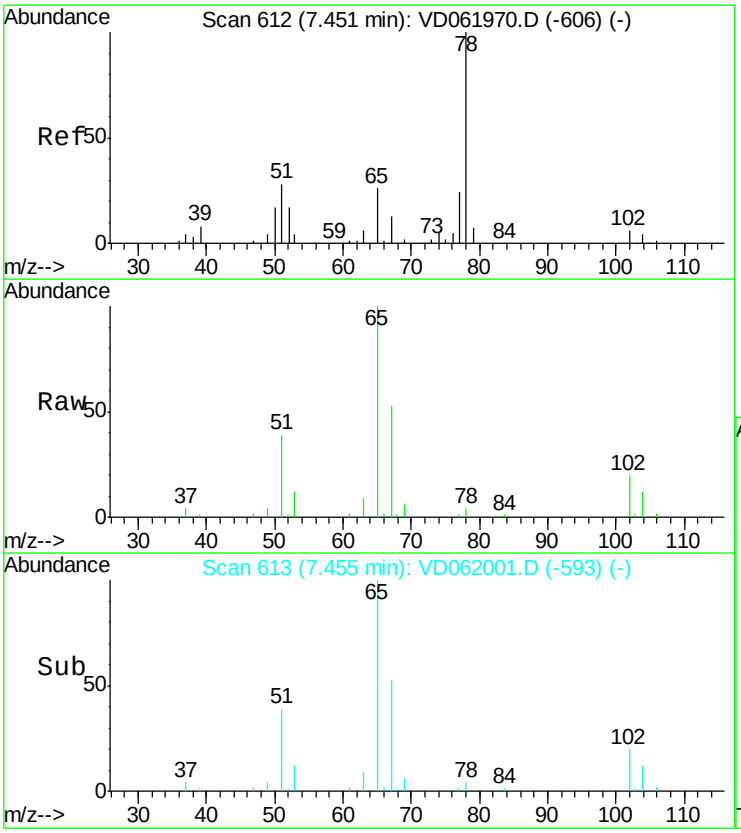
#31
Cyclohexane
Concen: 1.488 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 6652

Ion	Ratio	Lower	Upper
56	100		
69	238.5	25.8	38.6#
84	163.1	72.2	108.4#

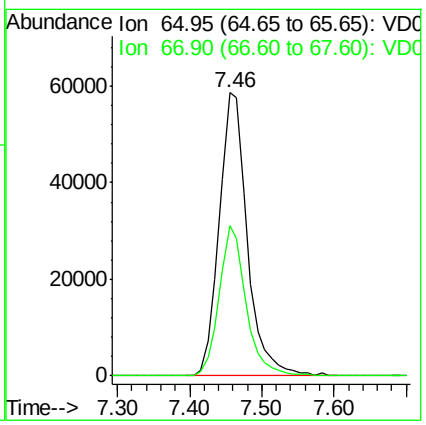


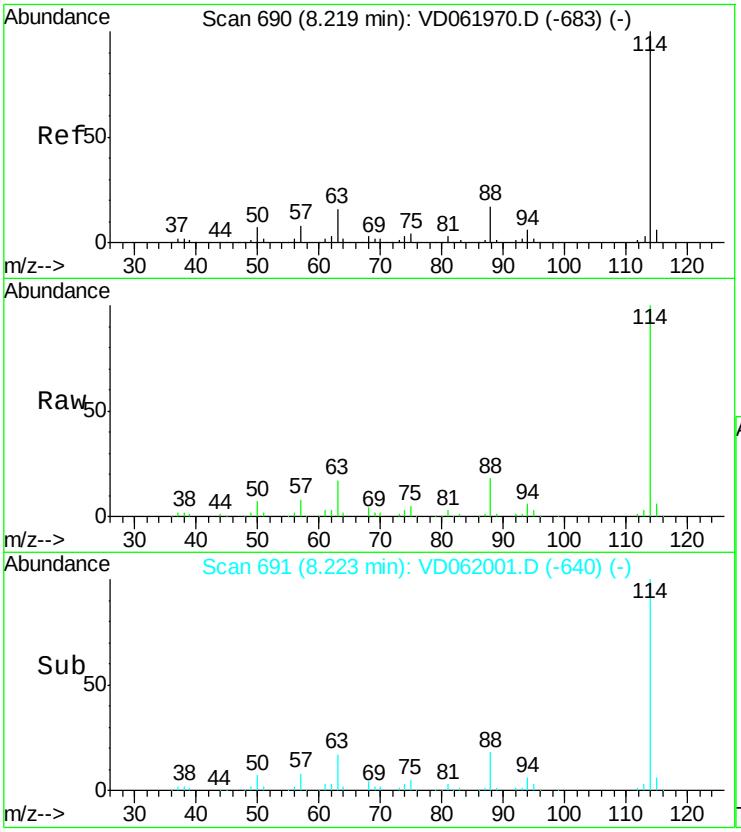


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 65 Resp: 157504

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	98.0



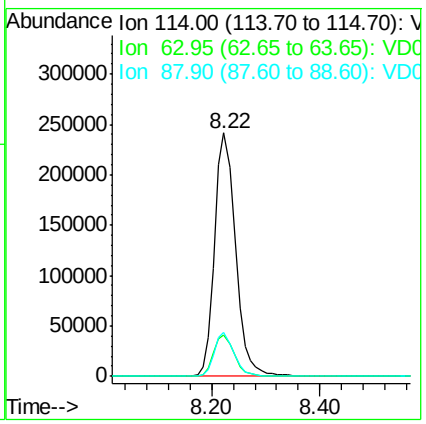


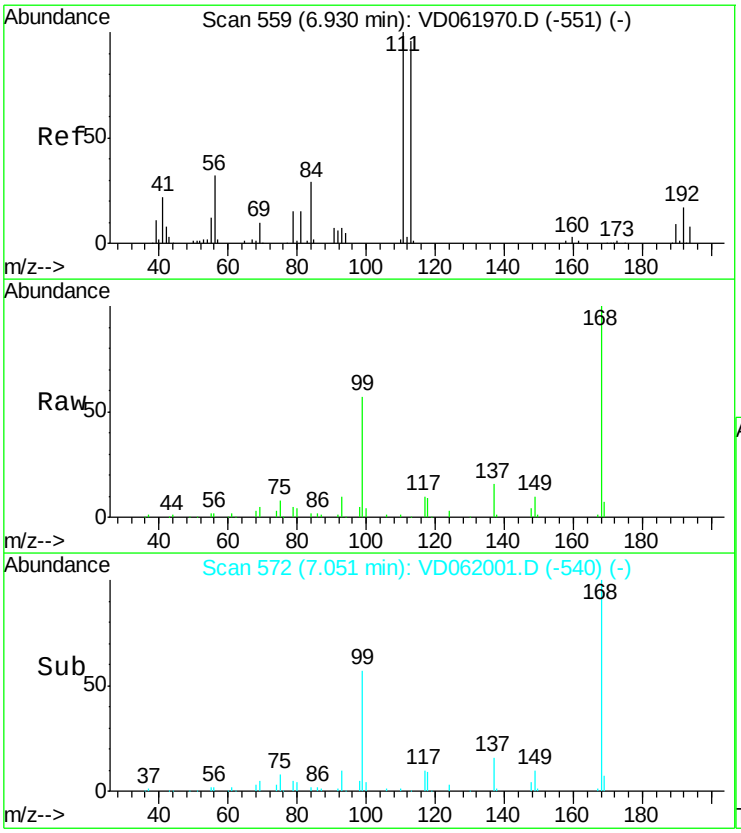
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 648001

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	32.4
88	18.1	0.0	33.6

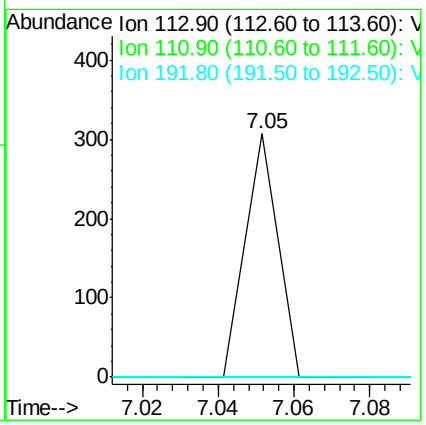


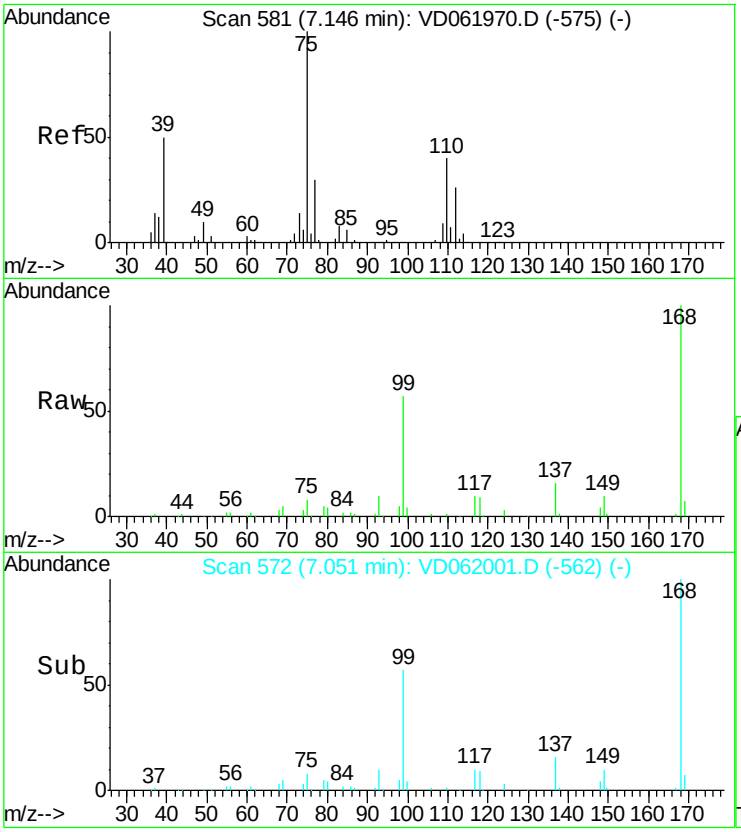


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion:113 Resp: 181

Ion	Ratio	Lower	Upper
113	100		
111	0.0	78.5	117.7#
192	0.0	13.0	19.4#



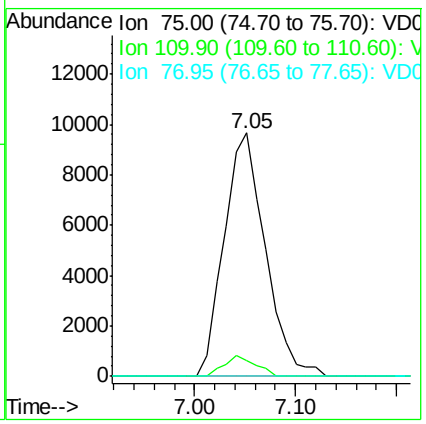


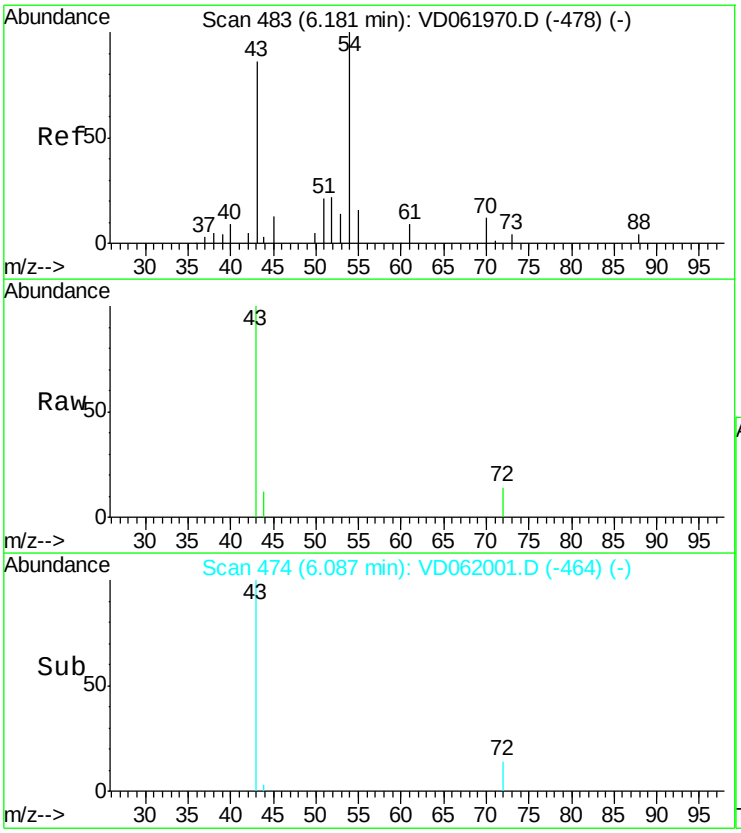
#36
1,1-Dichloropropene
Concen: 5.424 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.10 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 27386

Ion	Ratio	Lower	Upper
75	100		
110	6.6	19.1	57.1#
77	0.0	25.6	38.4#

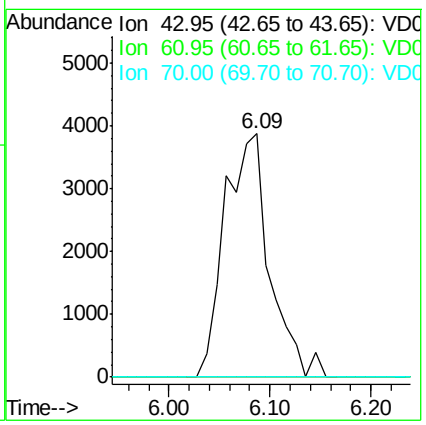


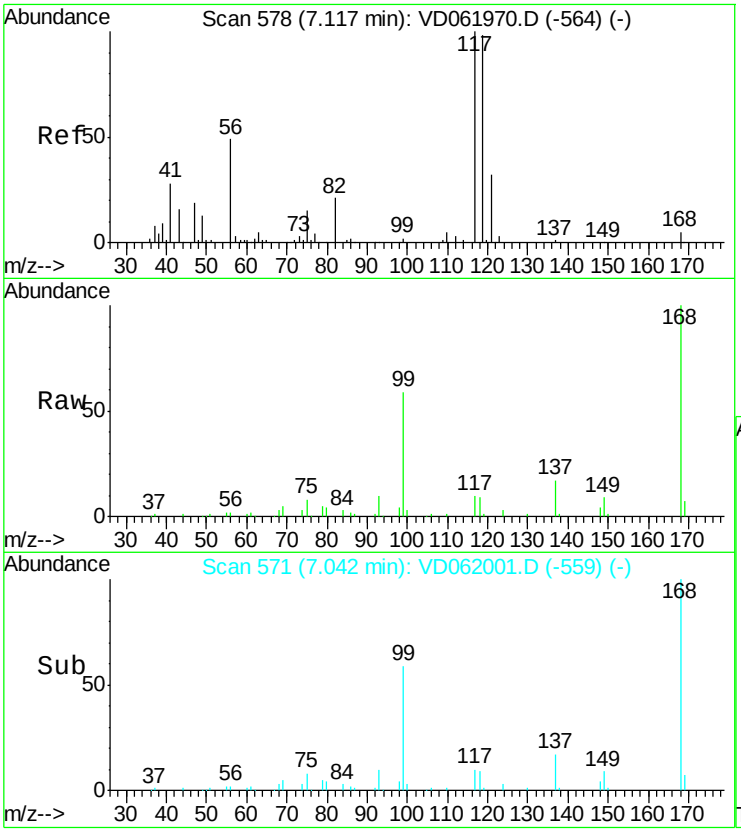


#37
Ethyl Acetate
Concen: 5.578 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.10 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 43 Resp: 12000

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.7	22.1#
70	0.0	7.8	11.6#



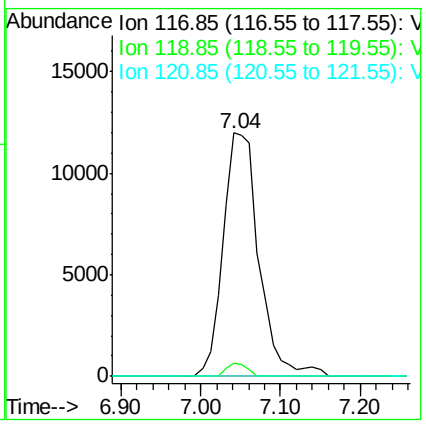


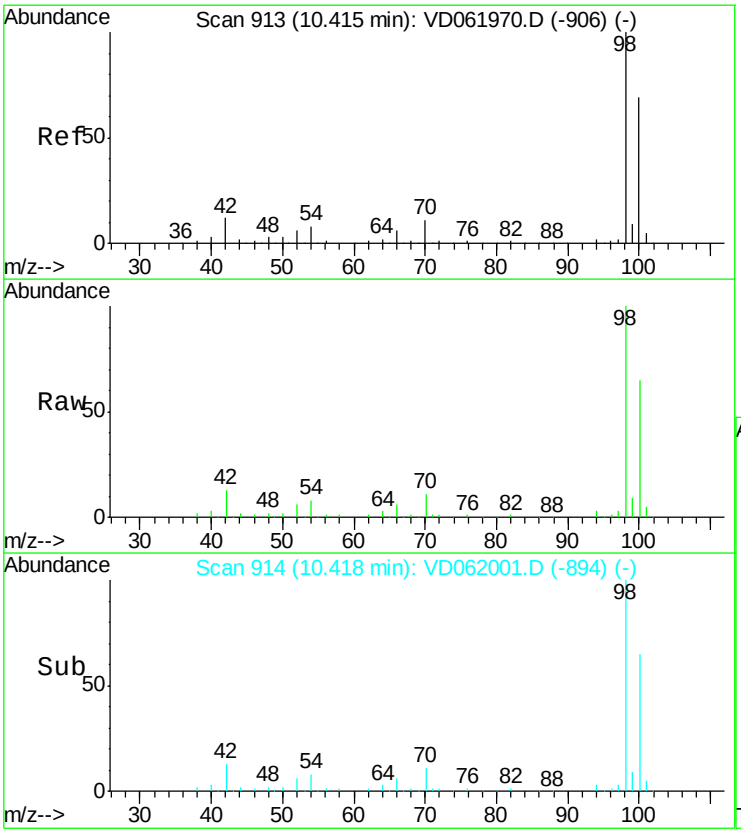
#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 37582

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.8	113.8#
121	0.0	25.9	38.9#

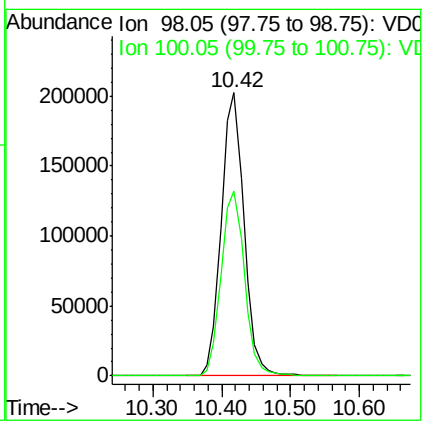


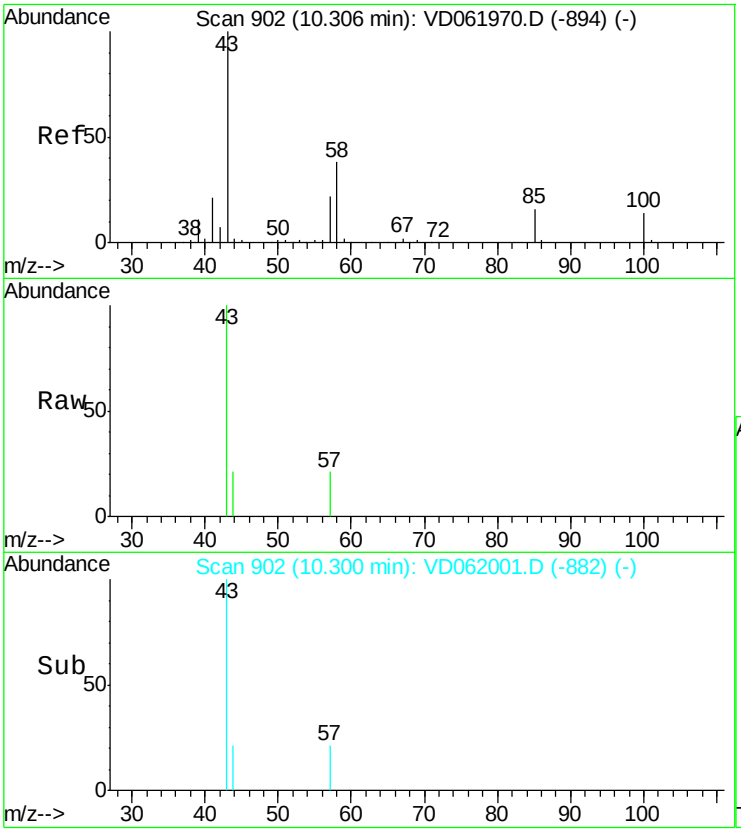


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 98 Resp: 464207

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.8	80.8



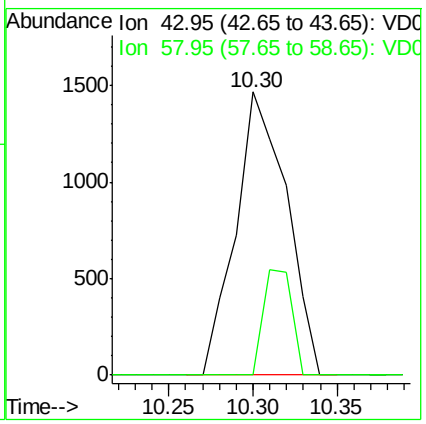


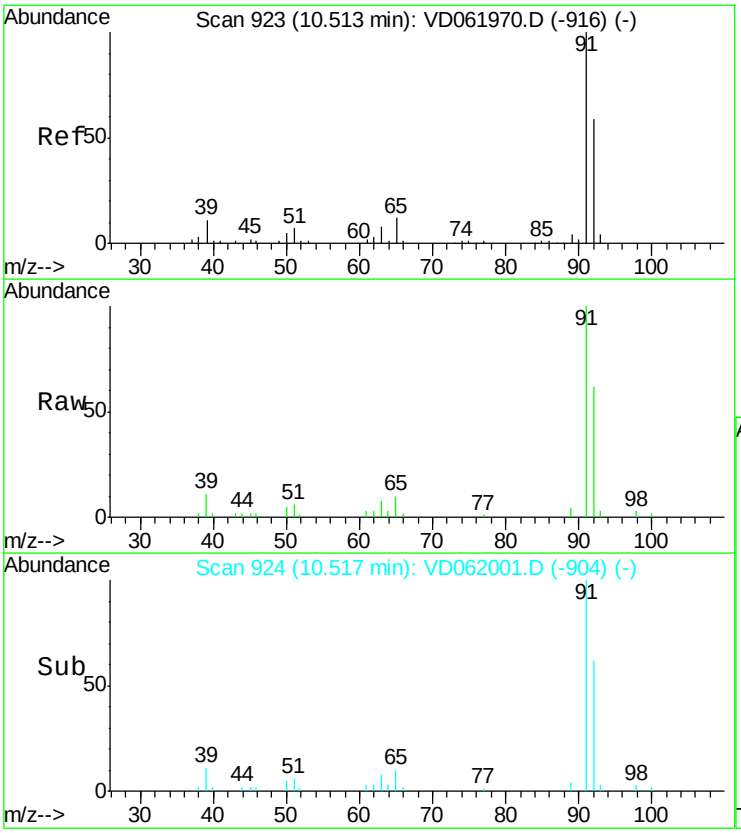
#51
4-Methyl-2-Pentanone
Concen: 1.601 ug/l
RT: 10.30 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3078

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#

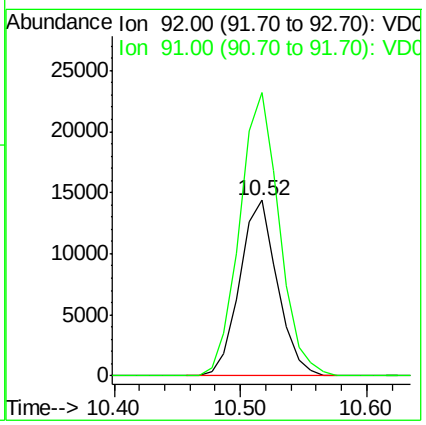


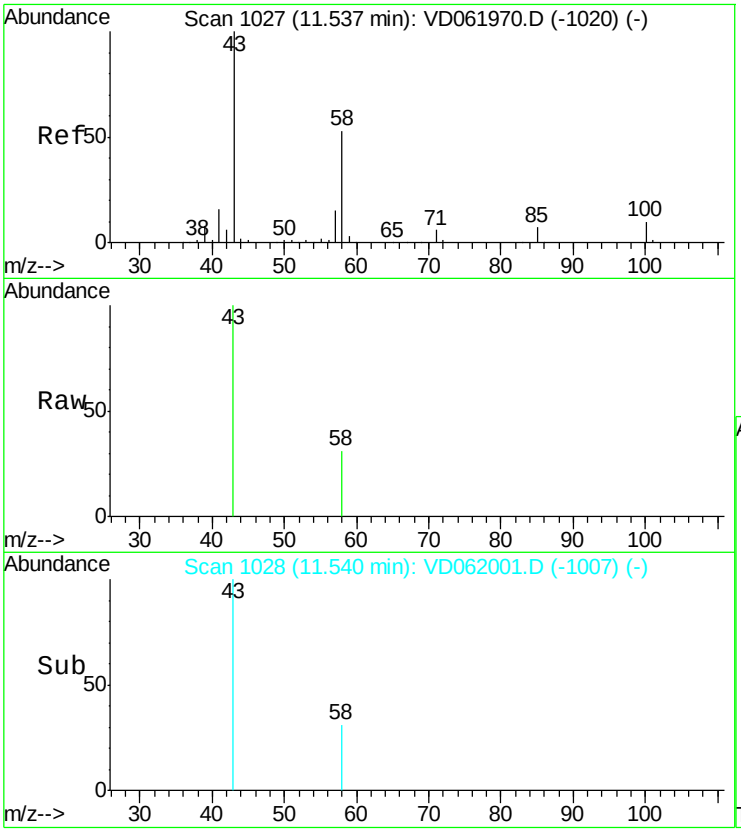


#52
Toluene
Concen: 3.721 ug/l
RT: 10.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 92 Resp: 29654

Ion	Ratio	Lower	Upper
92	100		
91	161.3	136.6	204.8



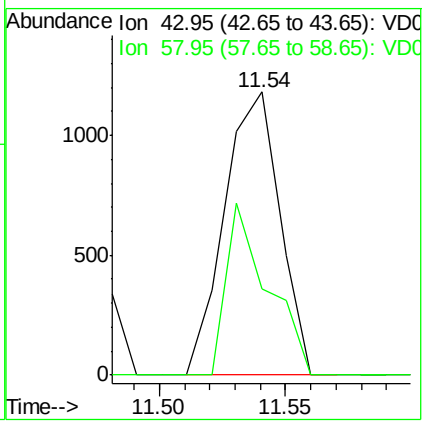


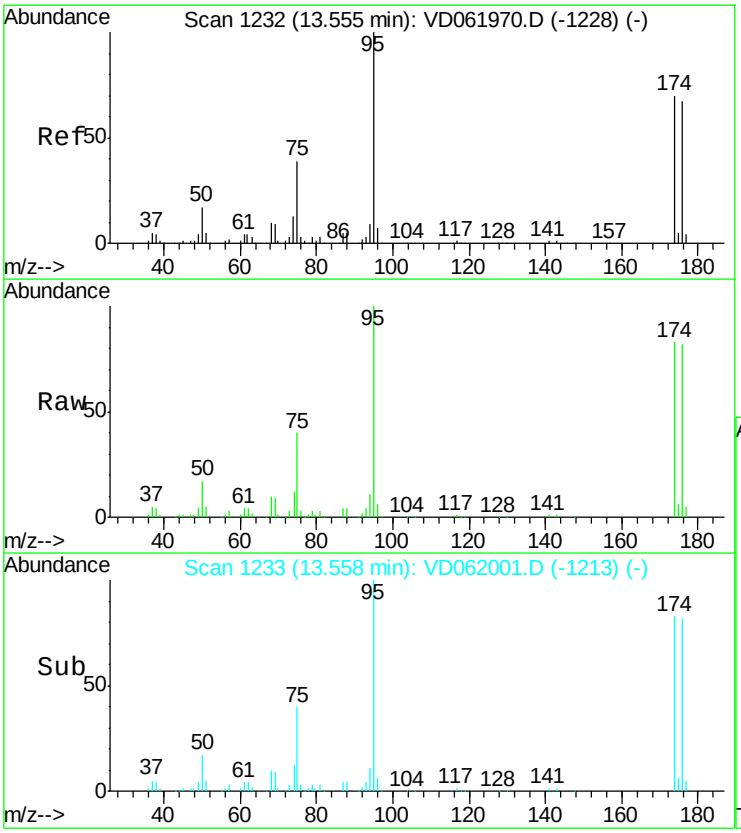
#59
2-Hexanone
Concen: 1.248 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.01 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1800

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.4	76.4

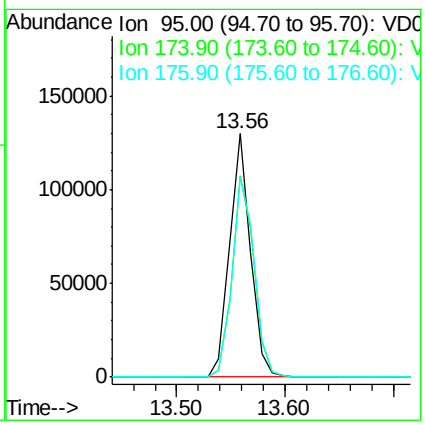


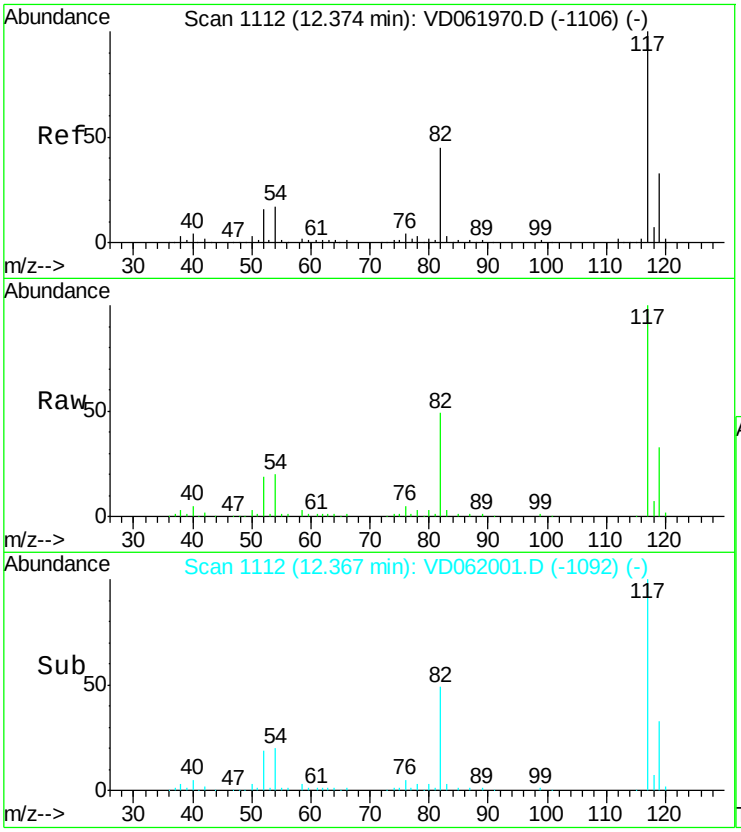


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 95 Resp: 174263

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	181.8
176	82.3	0.0	174.4



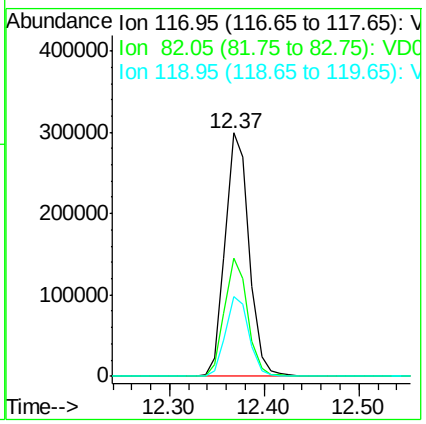


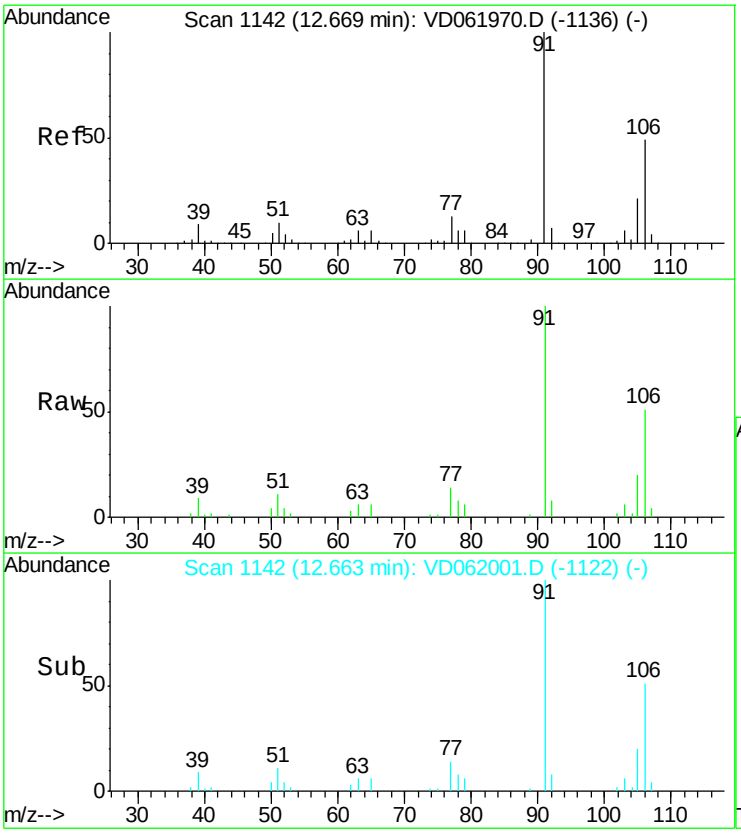
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 523213

Ion	Ratio	Lower	Upper
117	100		
82	48.8	36.2	54.2
119	32.7	26.2	39.4

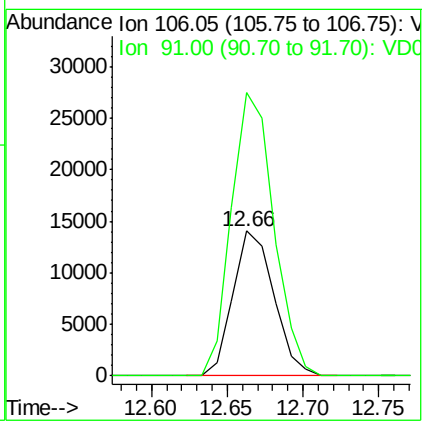


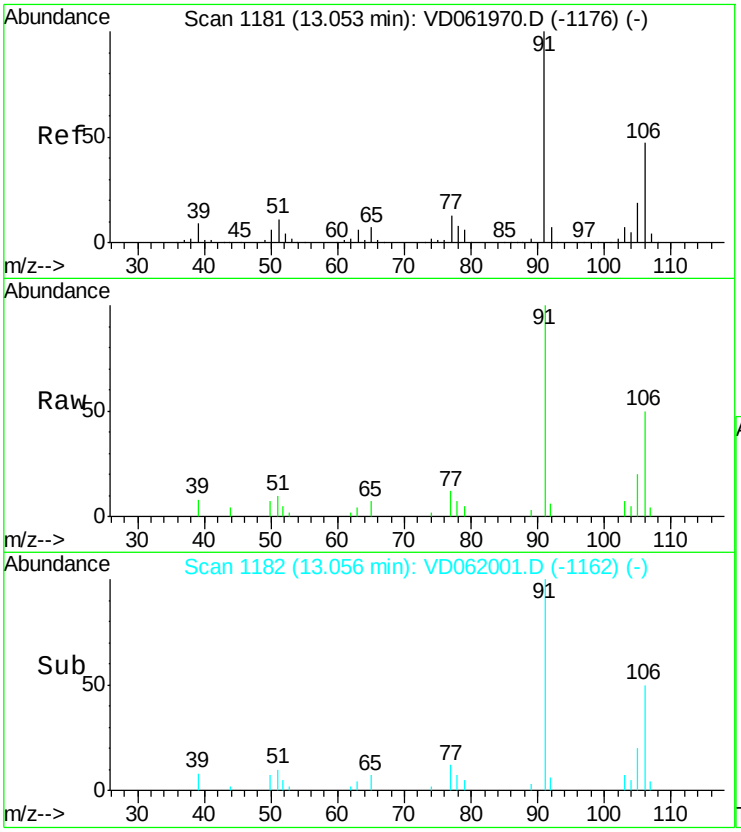


#68
m/p-Xylenes
Concen: 4.522 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion:106 Resp: 26375

Ion	Ratio	Lower	Upper
106	100		
91	195.5	164.0	246.0



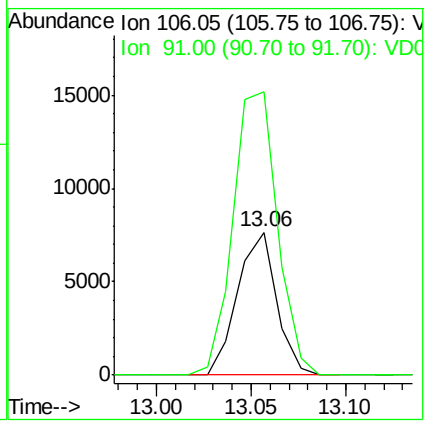


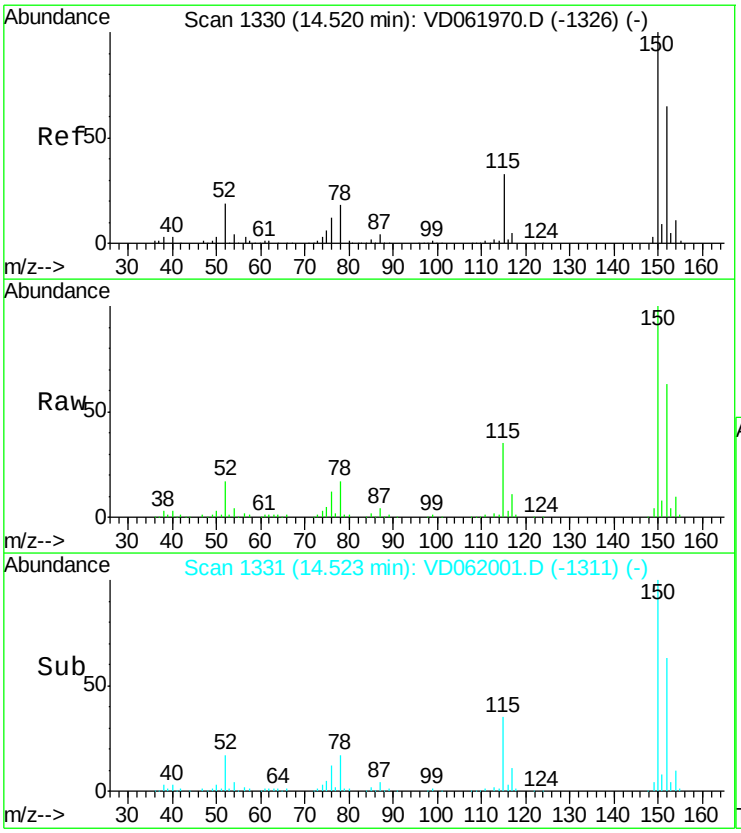
#69
o-Xylene
Concen: 2.041 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 10893

Ion	Ratio	Lower	Upper
106	100		
91	198.4	106.7	319.9

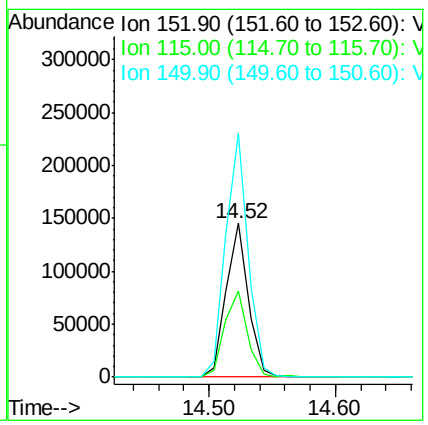


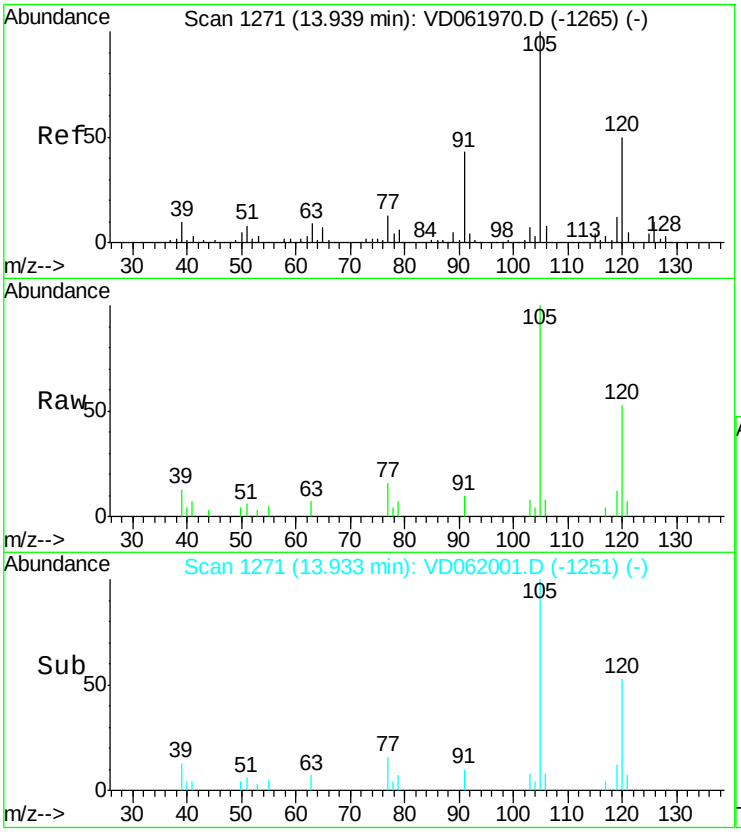


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion:152 Resp: 176296

Ion	Ratio	Lower	Upper
152	100		
115	55.6	30.9	92.7
150	158.3	0.0	314.8



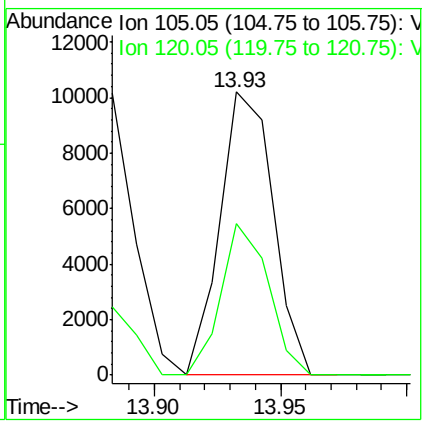


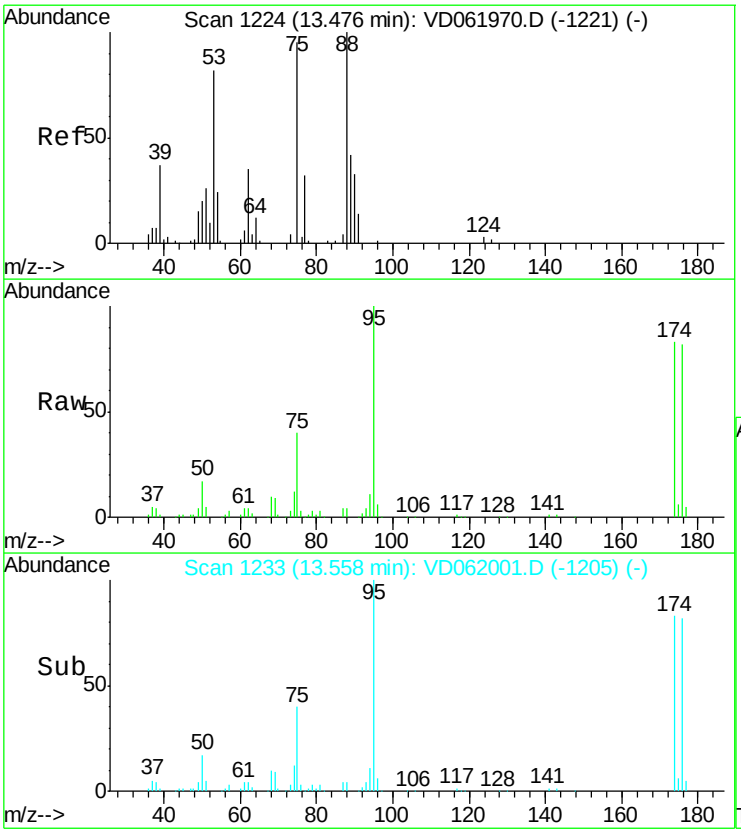
#80
1,3,5-Trimethylbenzene
Concen: 1.588 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 14887

Ion	Ratio	Lower	Upper
105	100		
120	53.4	24.0	72.0

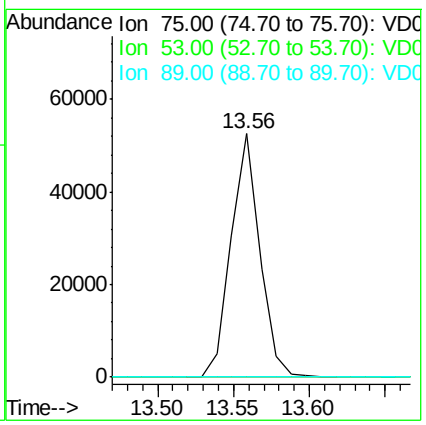


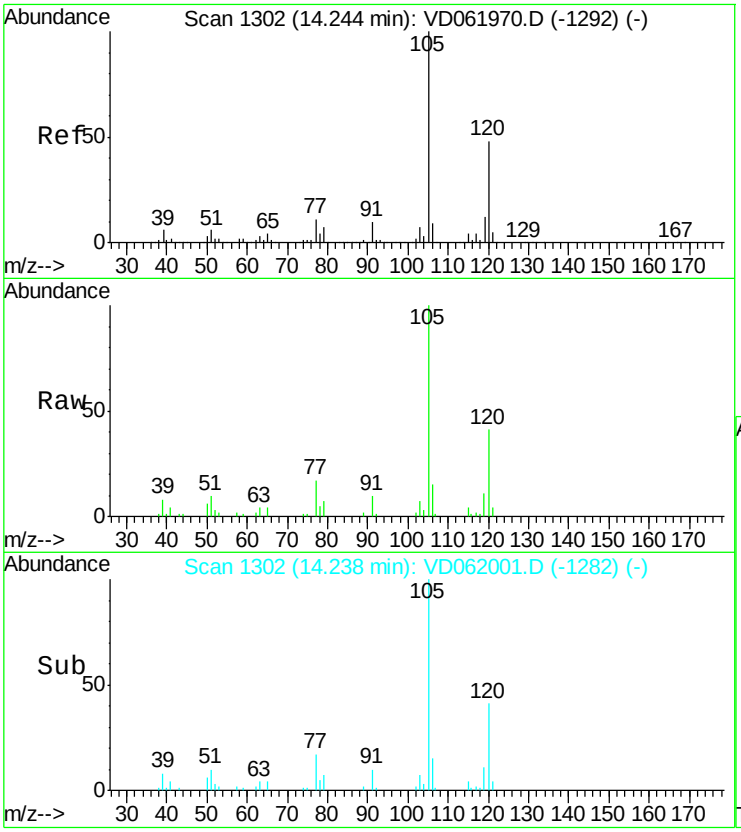


#81
trans-1,4-Dichloro-2-butene
Concen: 101.891 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion: 75 Resp: 69124

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



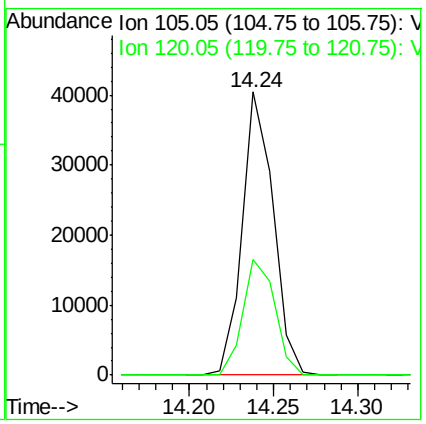


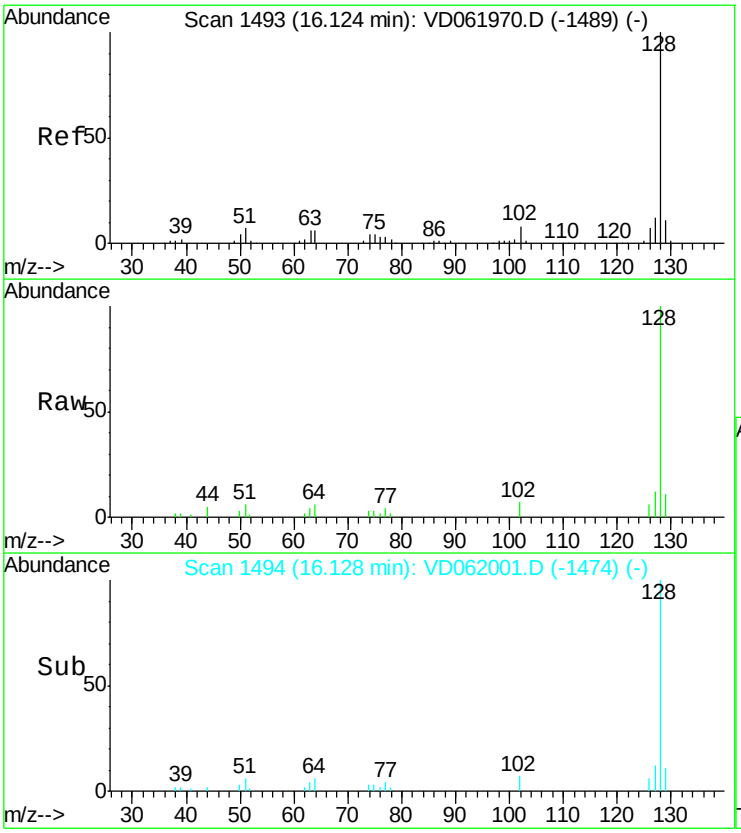
#84
1,2,4-Trimethylbenzene
Concen: 5.777 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 51723

Ion	Ratio	Lower	Upper
105	100		
120	41.0	23.1	69.2





#95
Naphthalene
Concen: 5.533 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VD062001.D
Acq: 24 Apr 2019 16:51

Tgt Ion:128 Resp: 23489

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.8	14.8
129	10.7	8.8	13.2