Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
Data File : VD062199.D
Acq On : 9 May 2019 20:23
Operator : FY/SY
Sample : K2717-06
Misc : 3.23g/5mL/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P026-SS002-0002-01

Quant Time: May 10 04:22:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	3631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	11612	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	12718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	4932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	22528	667.63	ug/l	0.01
Spiked Amount 50.000			Recovery	= 1335.26%		
35) Dibromofluoromethane	6.92	113	13168	136.67	ug/l	0.02
Spiked Amount 50.000			Recovery	= 273.34%		
50) Toluene-d8	10.40	98	11424	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	= 98.36%		
62) 4-Bromofluorobenzene	13.55	95	7205	77.24	ug/l	0.00
Spiked Amount 50.000			Recovery	= 154.48%		
Target Compounds						Qvalue
5) Bromomethane	2.14	94	1343	232.414	ug/l #	12
10) Methyl Iodide	3.32	142	1408	25.686	ug/l #	37
16) Acetone	3.22	43	3987	563.427	ug/l #	50
20) Methylene Chloride	3.82	84	3001	101.569	ug/l #	88
25) 2-Butanone	5.87	43	273	35.369	ug/l #	56
43) Isopropyl Acetate	9.36	43	188	3.283	ug/l #	43
51) 4-Methyl-2-Pentanone	10.18	43	225	6.113	ug/l #	37
55) 1,1,2-Trichloroethane	11.22	97	181	3.657	ug/l #	16
59) 2-Hexanone	11.45	43	190	7.003	ug/l #	27
67) Ethyl Benzene	12.66	91	492	1.241	ug/l #	44
79) 2-Chlorotoluene	13.76	91	229	1.134	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.55	75	2543	153.686	ug/l #	16
82) 4-Chlorotoluene	13.94	91	543	2.285	ug/l #	37
87) 1,3-Dichlorobenzene	14.44	146	282	1.865	ug/l #	25
88) 1,4-Dichlorobenzene	14.53	146	300	2.020	ug/l #	58
91) 1,2-Dichlorobenzene	14.80	146	187	1.502	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.94	180	195	2.152	ug/l #	11
95) Naphthalene	16.12	128	666	5.264	ug/l #	70

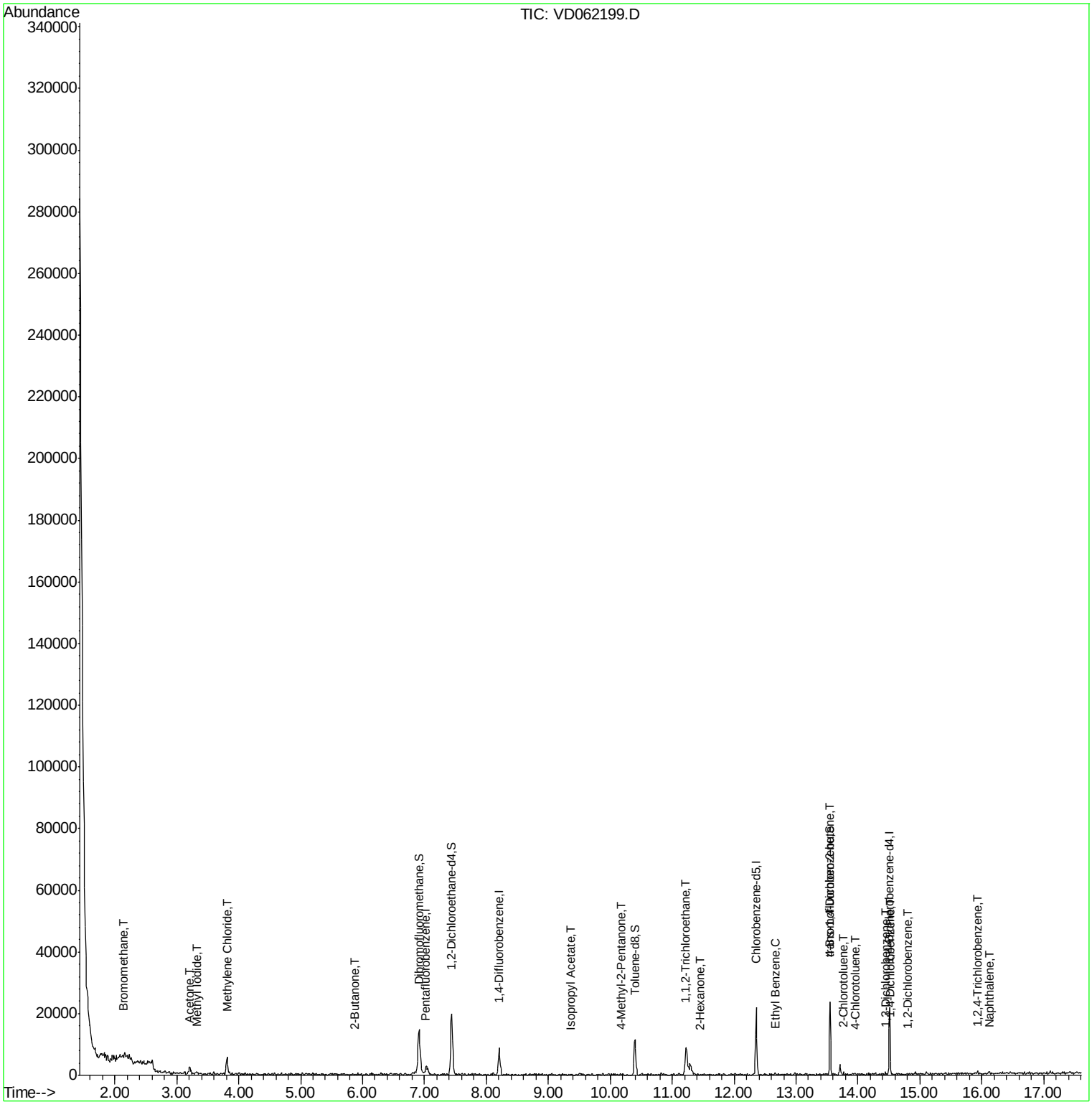
(#) = qualifier out of range (m) = manual integration (+) = signals summed

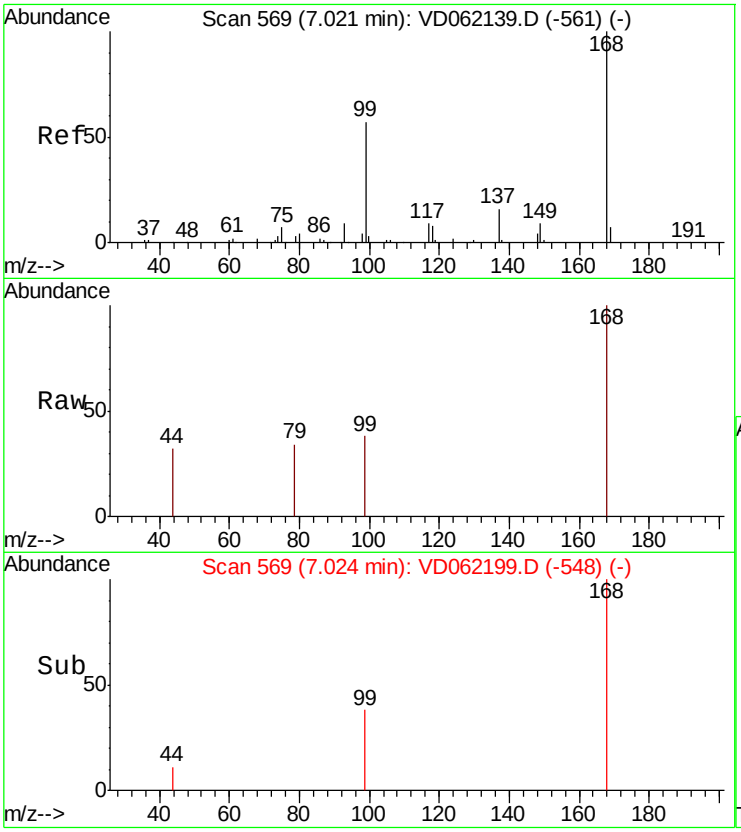
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
Data File : VD062199.D
Acq On : 9 May 2019 20:23
Operator : FY/SY
Sample : K2717-06
Misc : 3.23g/5mL/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Quant Time: May 10 04:22:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



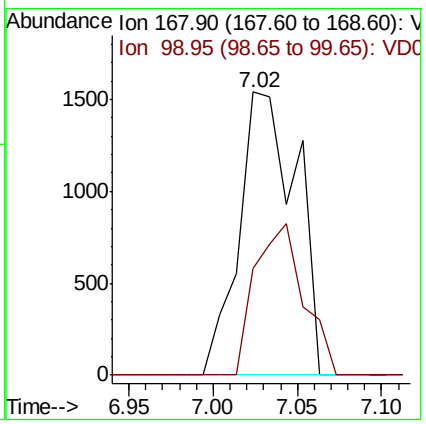


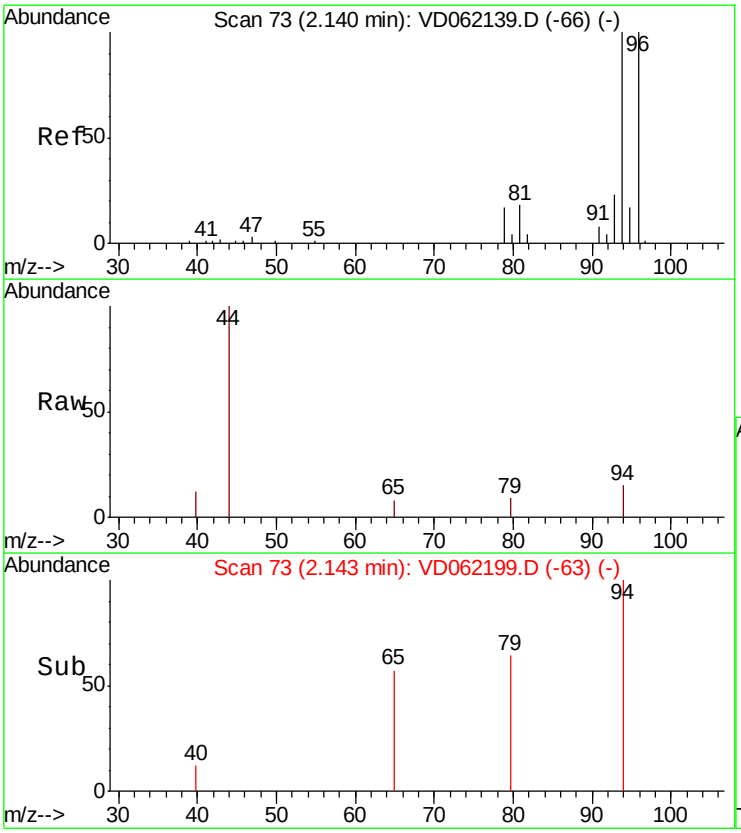
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:168 Resp: 3631

Ion	Ratio	Lower	Upper
168	100		
99	37.7	46.5	69.7#

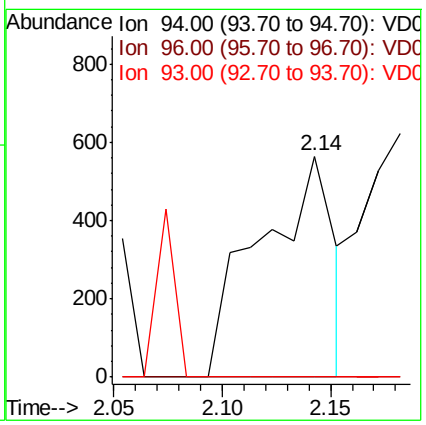


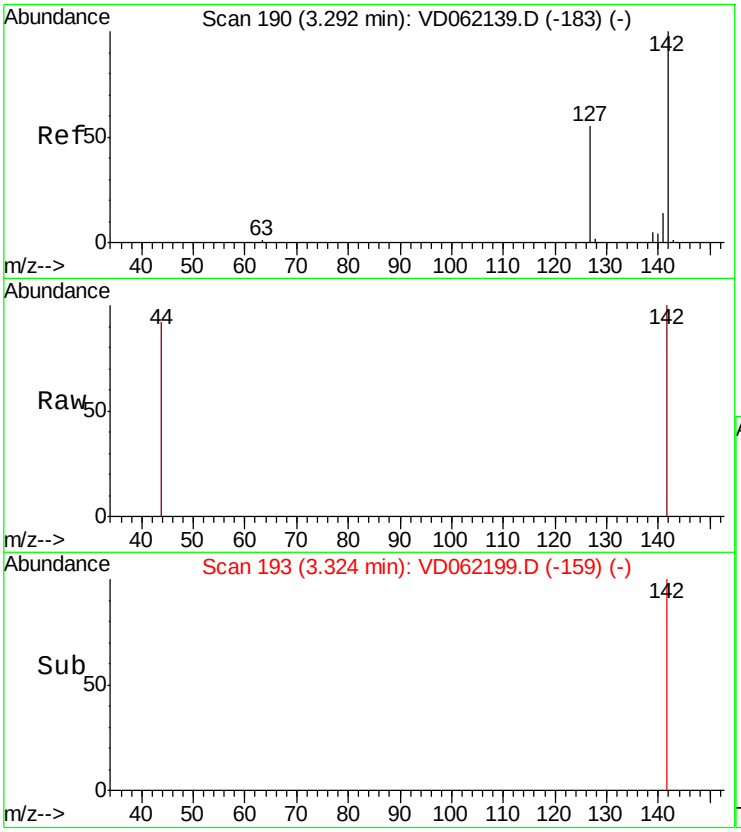


#5
Bromomethane
Concen: 232.414 ug/l
RT: 2.14 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 94 Resp: 1343

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



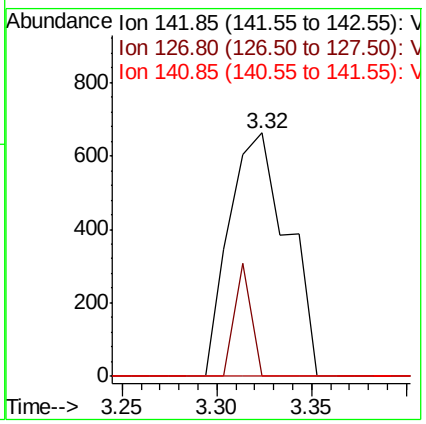


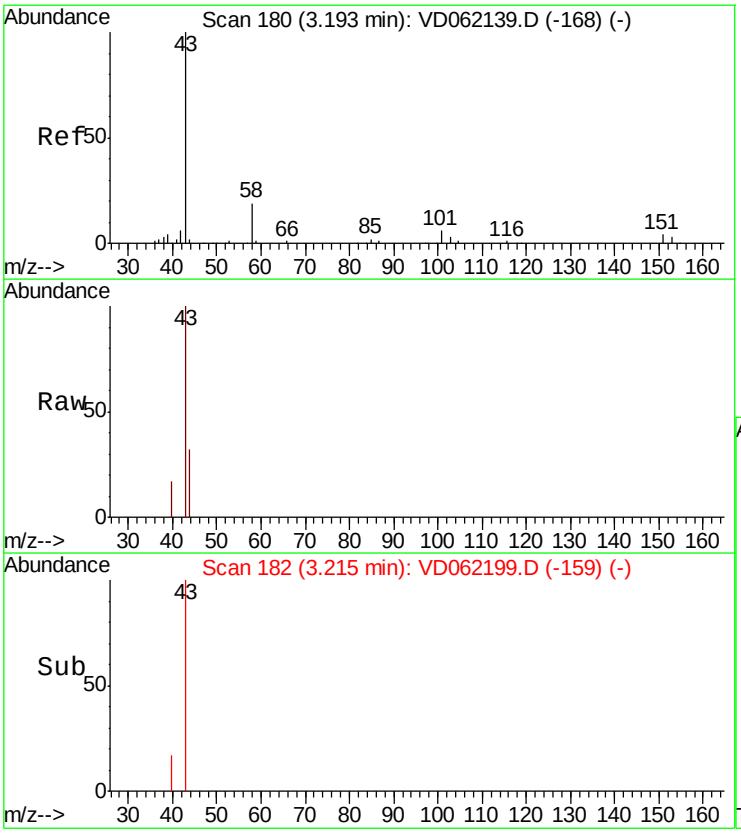
#10
Methyl Iodide
Concen: 25.686 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:142 Resp: 1408

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#

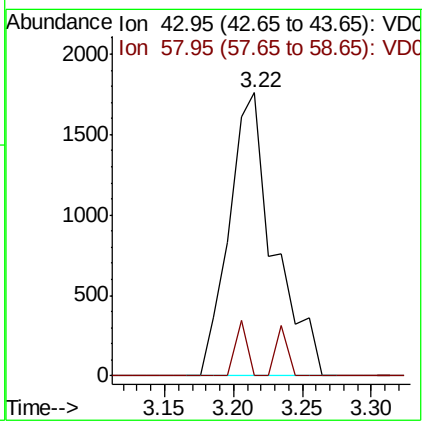


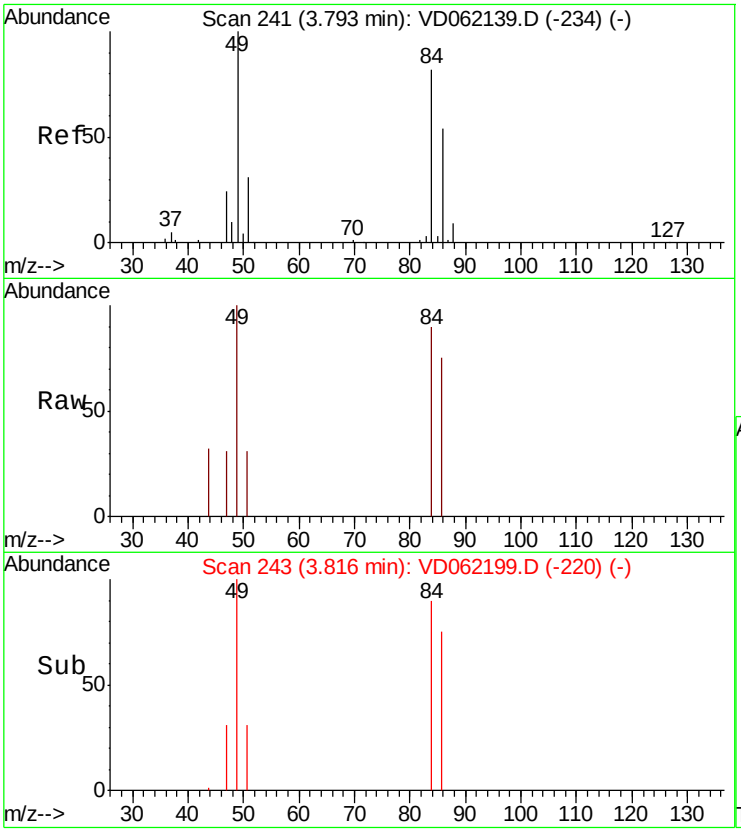


#16
Acetone
Concen: 563.427 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 43 Resp: 3987

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



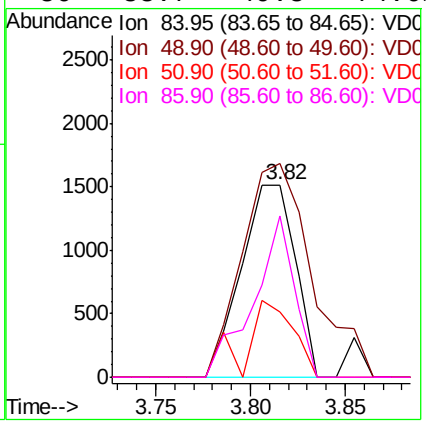


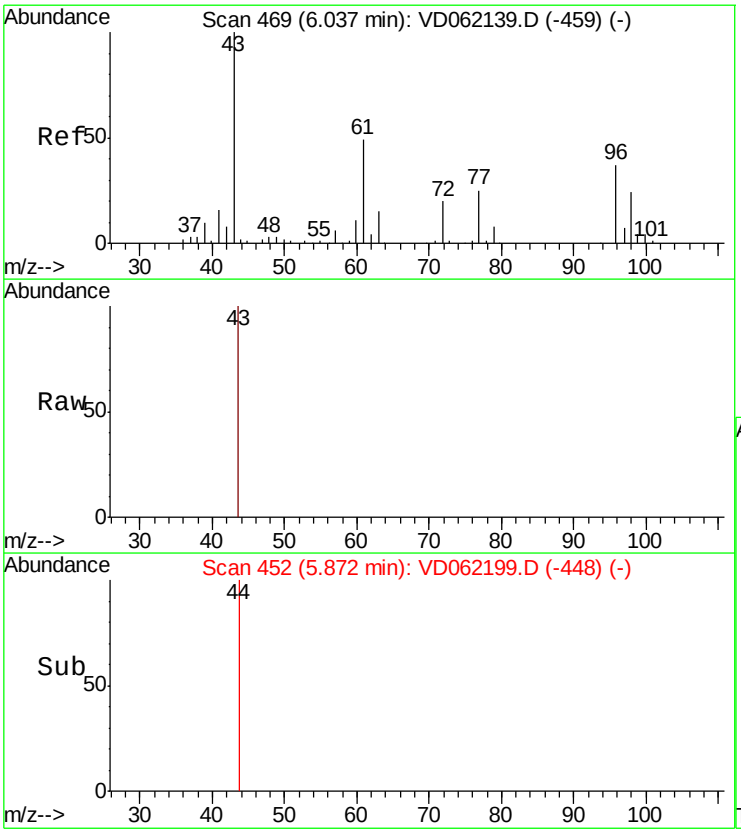
#20
Methylene Chloride
Concen: 101.569 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion: 84 Resp: 3001

Ion	Ratio	Lower	Upper
84	100		
49	110.9	94.0	141.0
51	33.9	29.0	43.4
86	83.7	49.8	74.6#

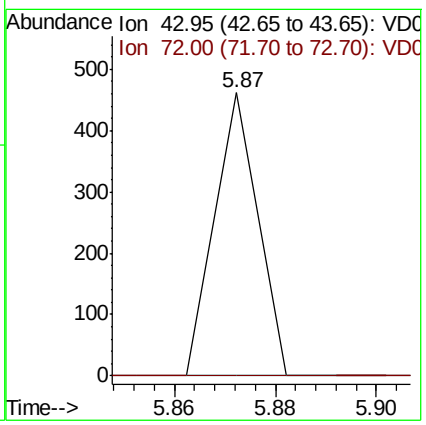


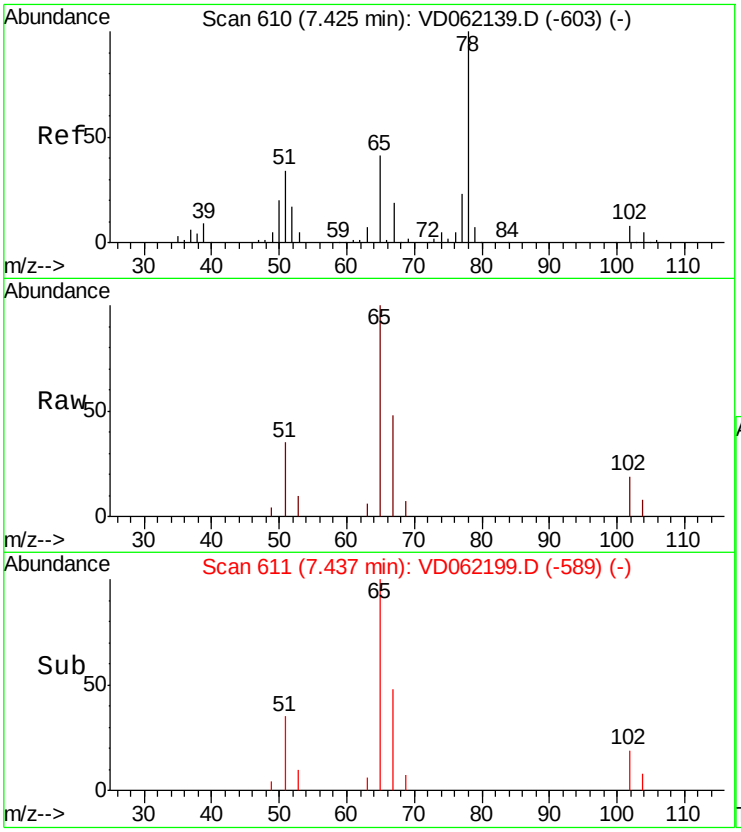


#25
2-Butanone
Concen: 35.369 ug/l
RT: 5.87 min Scan# 452
Delta R.T. -0.16 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 43 Resp: 273

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



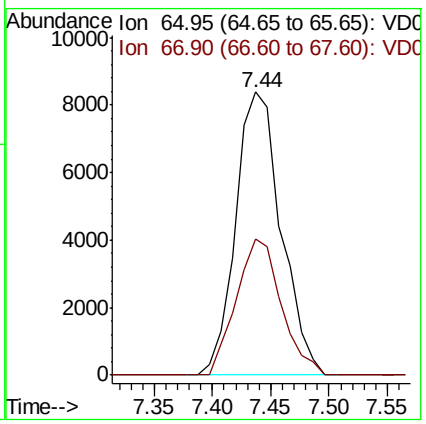


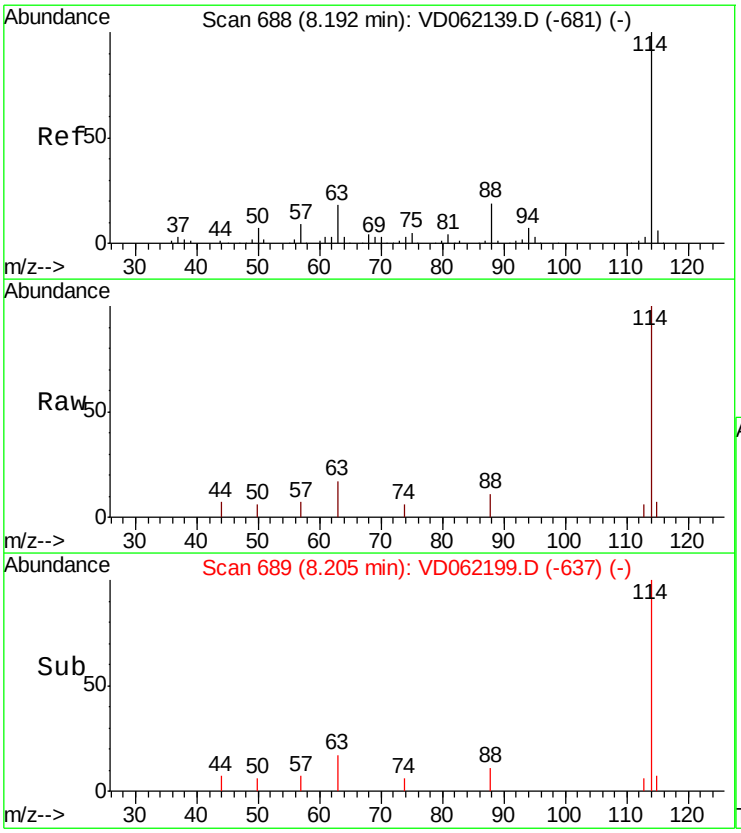
#33
1,2-Dichloroethane-d4
Concen: 667.628 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion: 65 Resp: 22528

Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	98.0

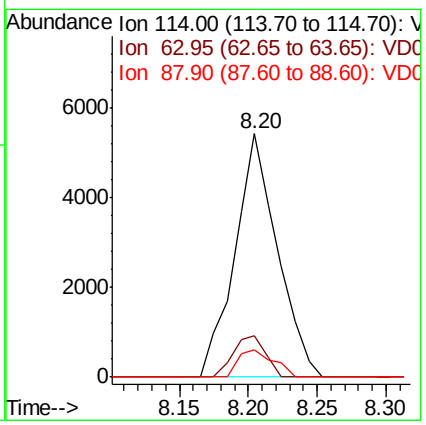


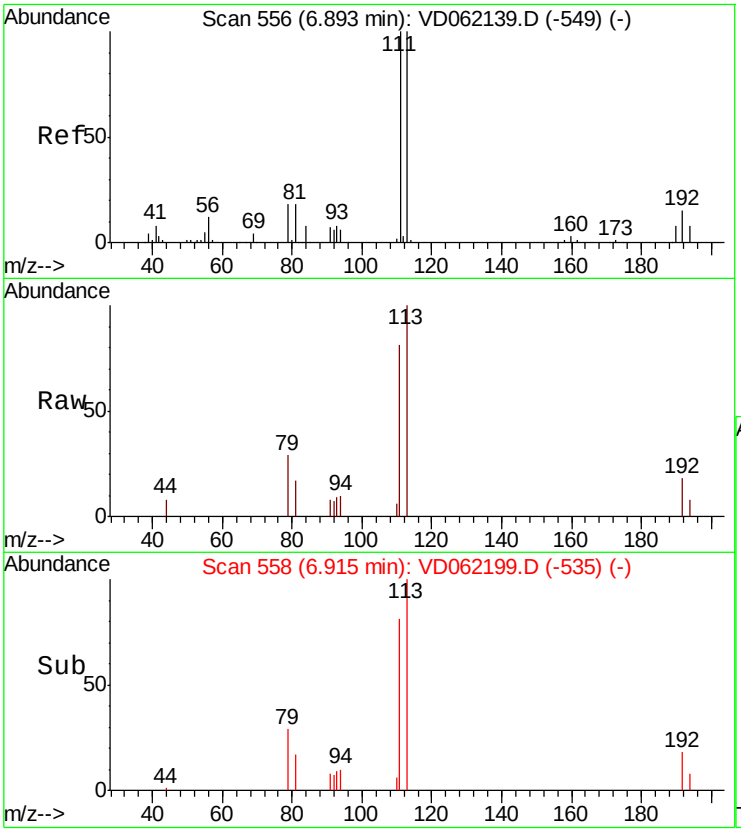


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 689
Delta R.T. 0.01 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion:114 Resp: 11612

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	32.4
88	11.3	0.0	33.6



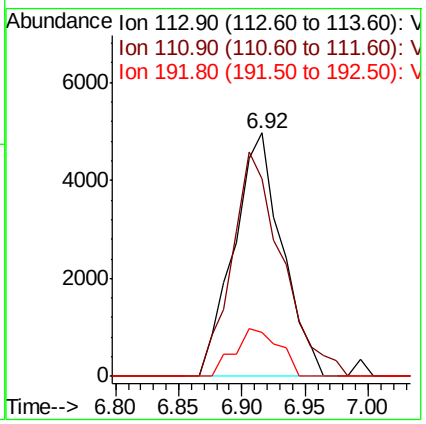


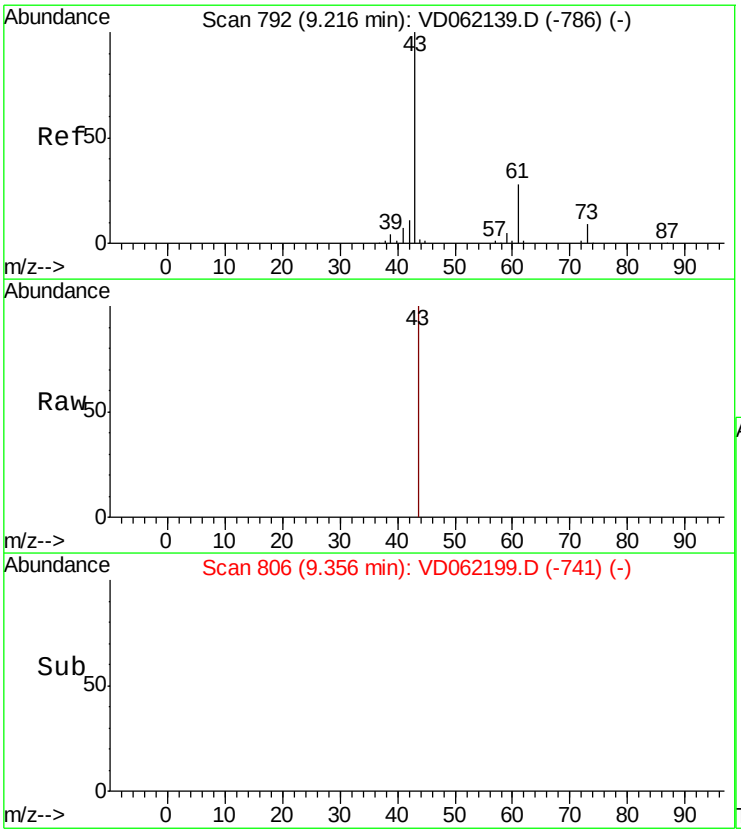
#35
Dibromofluoromethane
Concen: 136.674 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:113 Resp: 13168

Ion	Ratio	Lower	Upper
113	100		
111	81.3	78.5	117.7
192	18.2	13.0	19.4

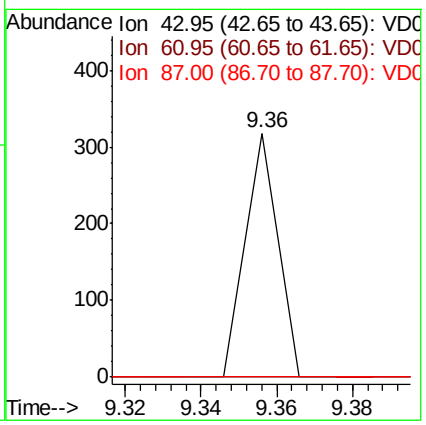


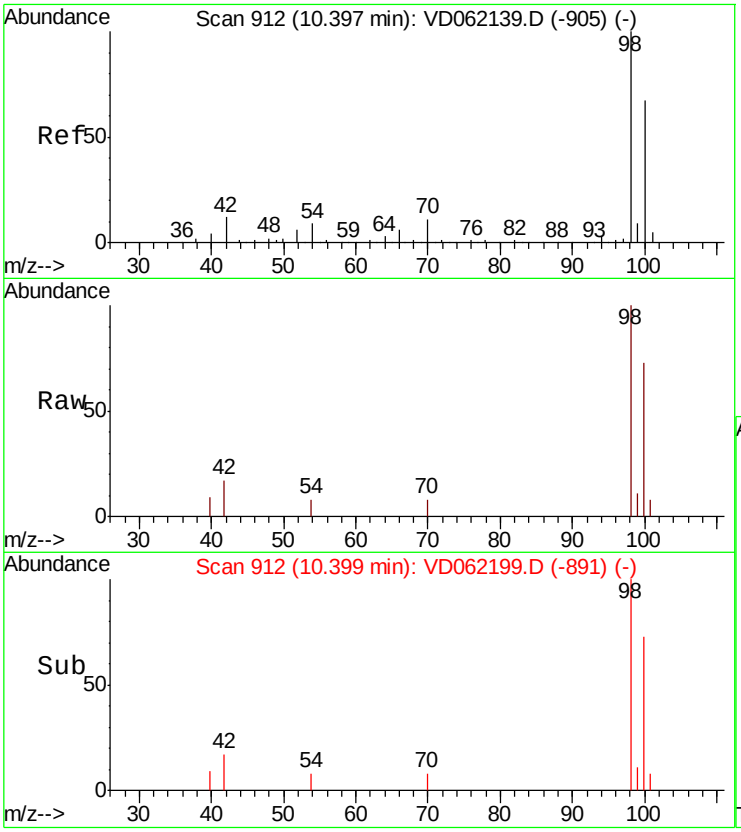


#43
Isopropyl Acetate
Concen: 3.283 ug/l
RT: 9.36 min Scan# 806
Delta R.T. 0.14 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 43 Resp: 188

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.0	0.0



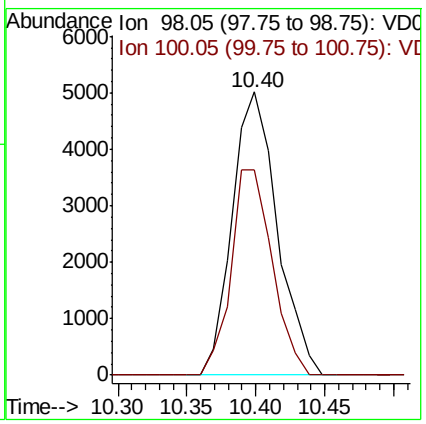


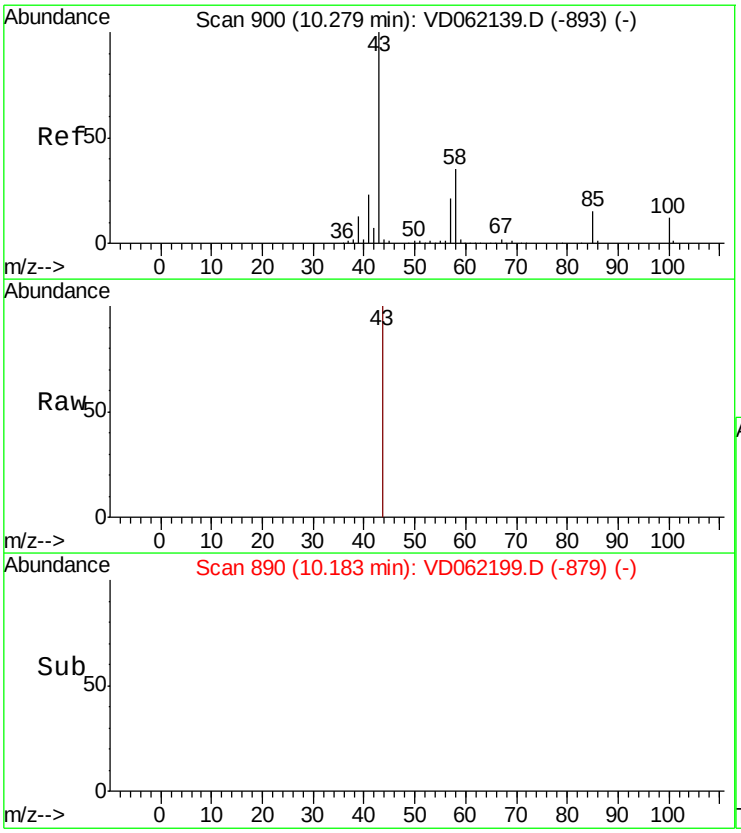
#50
Toluene-d8
Concen: 49.178 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion: 98 Resp: 11424

Ion	Ratio	Lower	Upper
98	100		
100	72.7	53.8	80.8

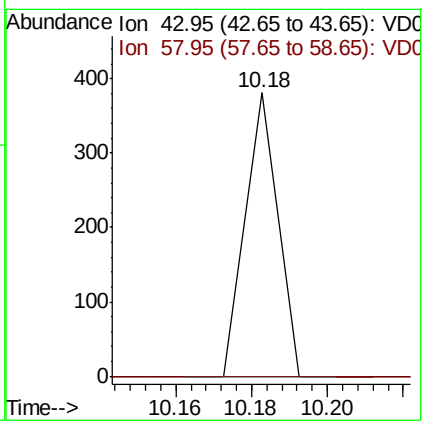


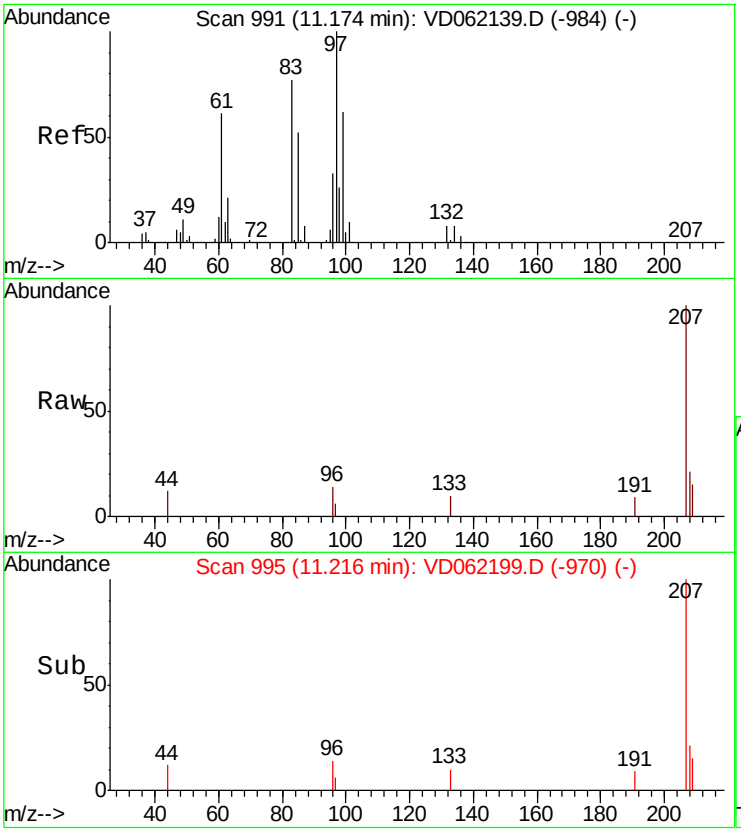


#51
4-Methyl-2-Pentanone
Concen: 6.113 ug/l
RT: 10.18 min Scan# 890
Delta R.T. -0.10 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 43 Resp: 225

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#



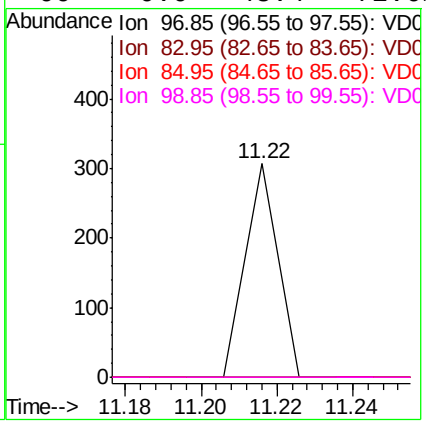


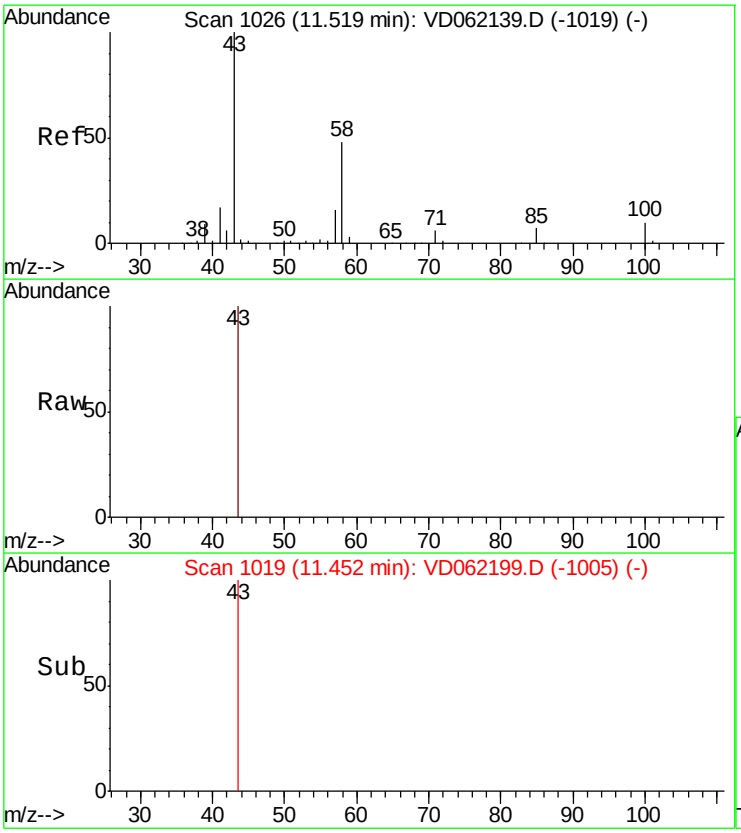
#55
1,1,2-Trichloroethane
Concen: 3.657 ug/l
RT: 11.22 min Scan# 995
Delta R.T. 0.04 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P026-SS002-0002-01

Tgt Ion: 97 Resp: 181

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.7	98.5#
85	0.0	45.6	68.4#
99	0.0	48.4	72.6#

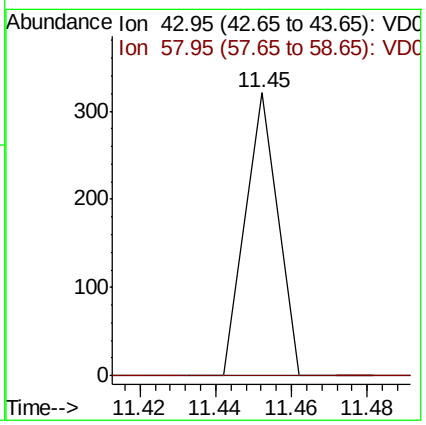


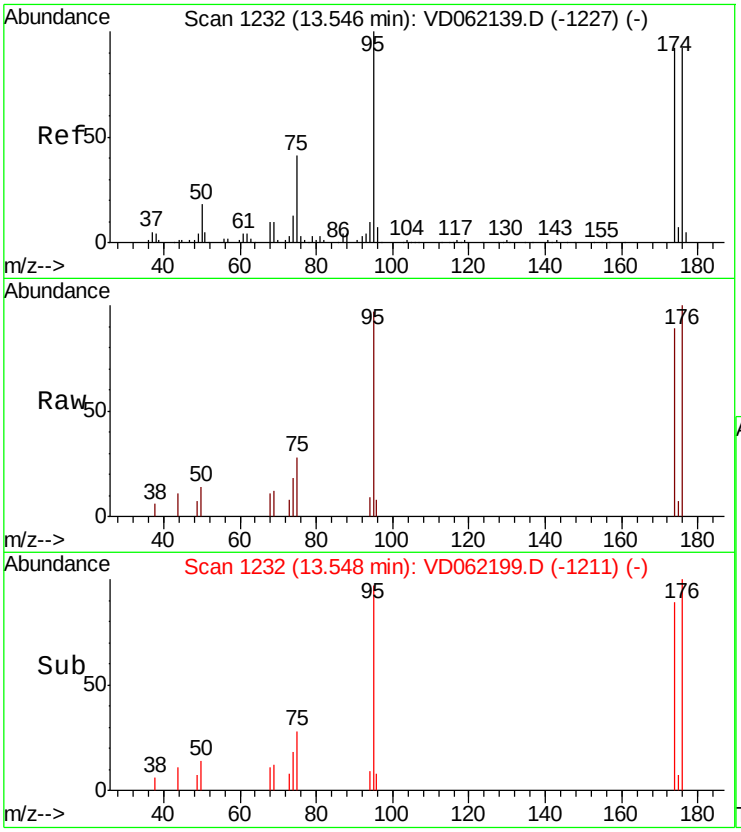


#59
2-Hexanone
Concen: 7.003 ug/l
RT: 11.45 min Scan# 1019
Delta R.T. -0.07 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 43 Resp: 190

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#



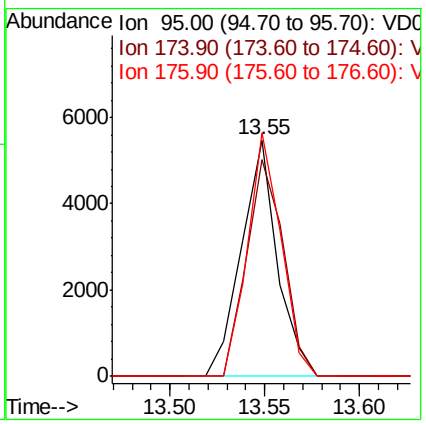


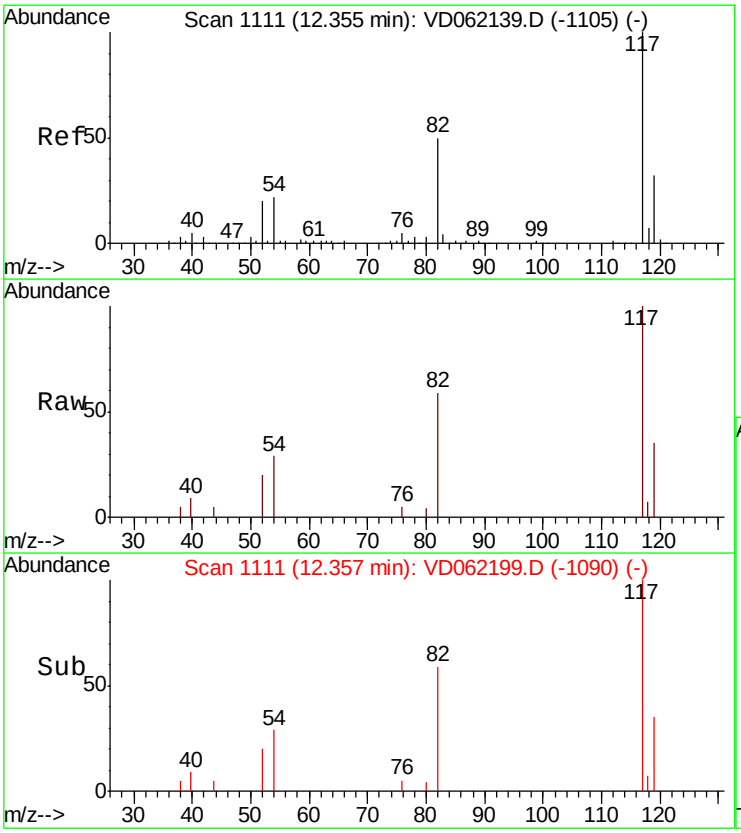
#62
4-Bromofluorobenzene
Concen: 77.239 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion: 95 Resp: 7205

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	181.8
176	103.1	0.0	174.4

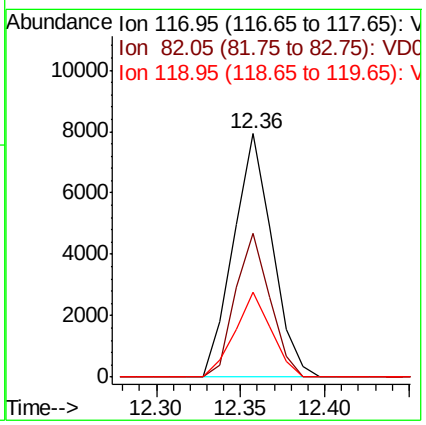


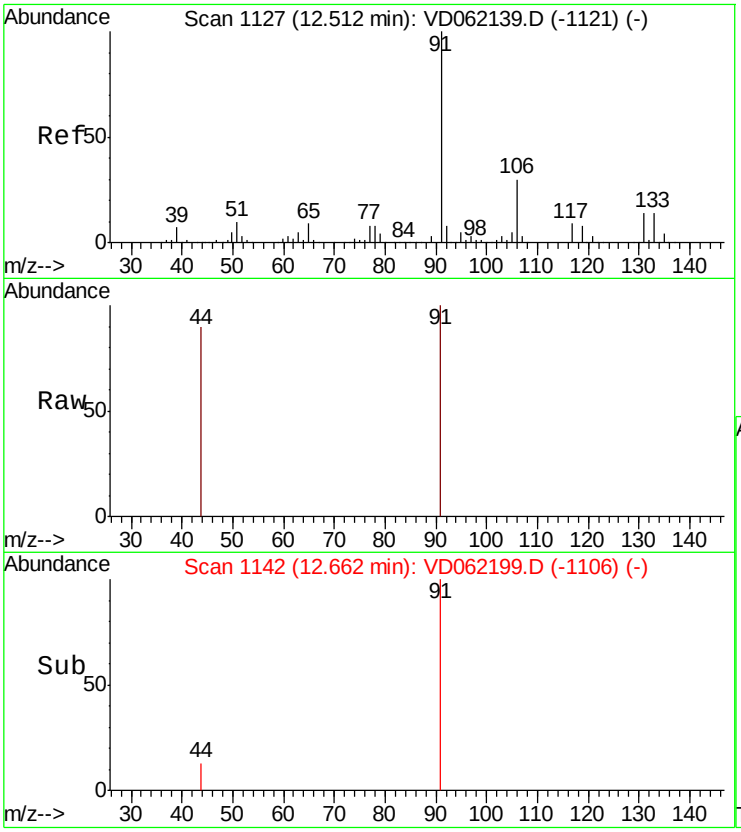


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion:117 Resp: 12718

Ion	Ratio	Lower	Upper
117	100		
82	59.0	36.2	54.2#
119	34.9	26.2	39.4



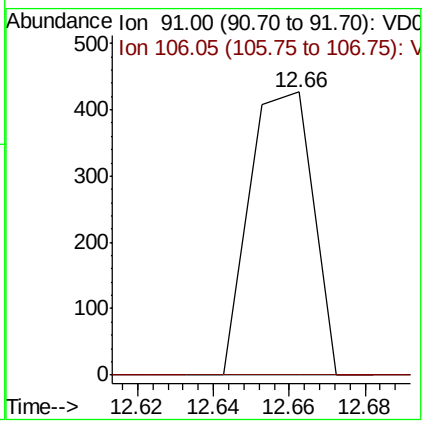


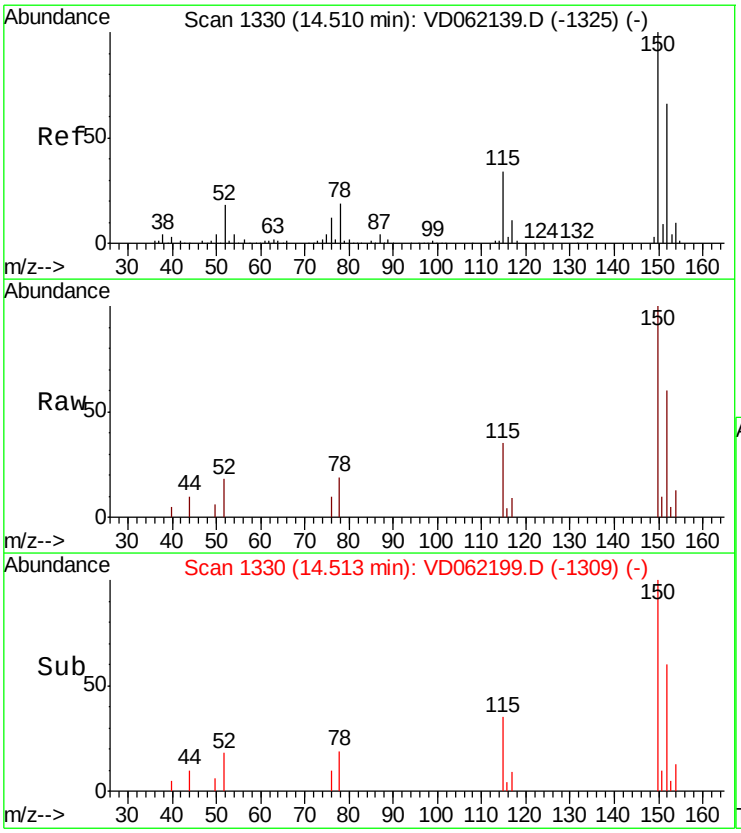
#67
Ethyl Benzene
Concen: 1.241 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.15 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion: 91 Resp: 492

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.7	37.1#

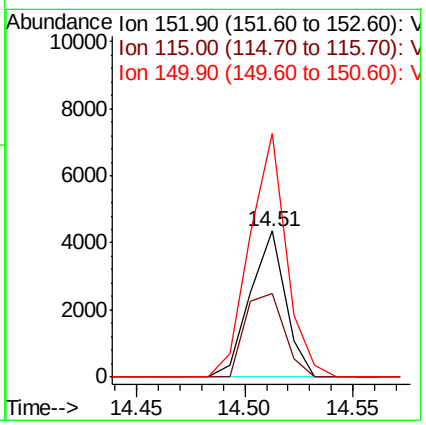


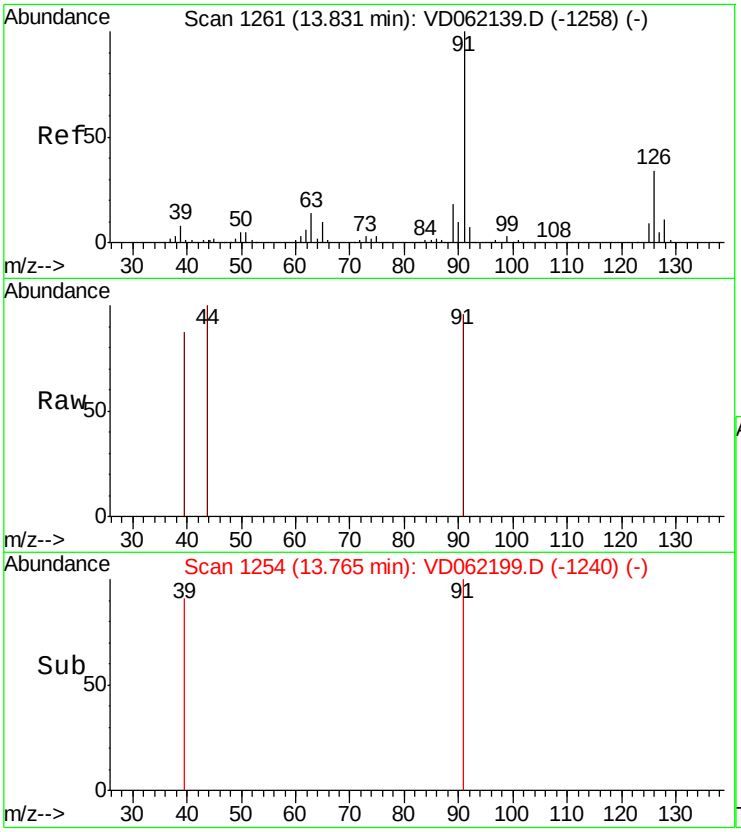


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion:152 Resp: 4932

Ion	Ratio	Lower	Upper
152	100		
115	57.6	30.9	92.7
150	166.6	0.0	314.8



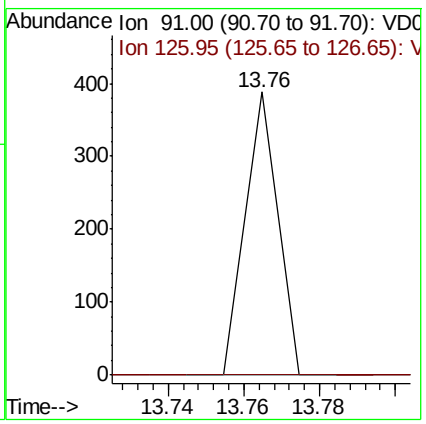


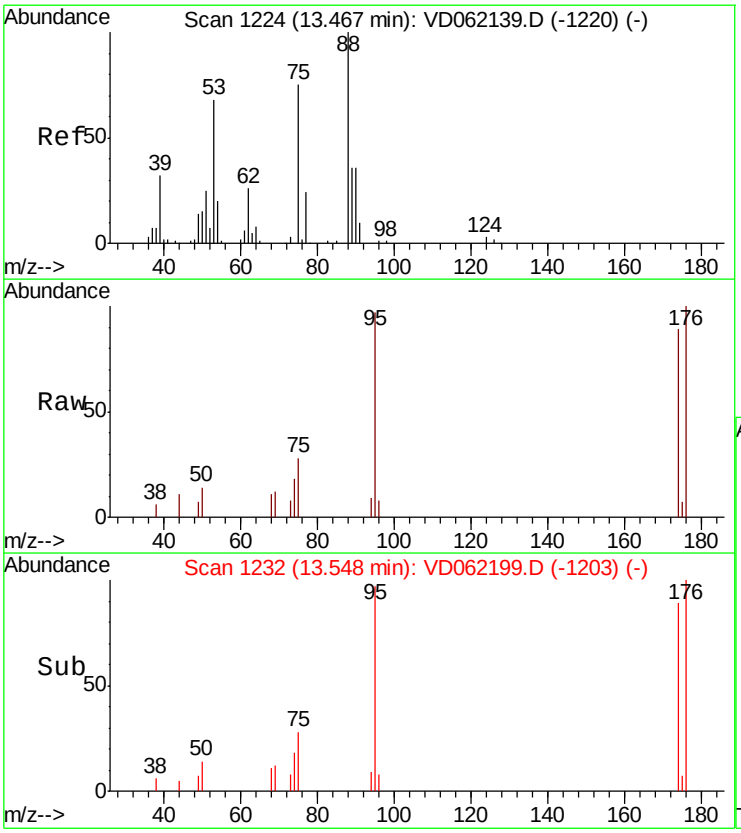
#79
2-Chlorotoluene
Concen: 1.134 ug/l
RT: 13.76 min Scan# 1254
Delta R.T. -0.07 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion: 91 Resp: 229

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#

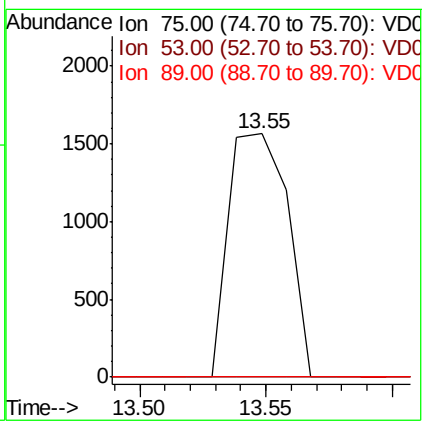


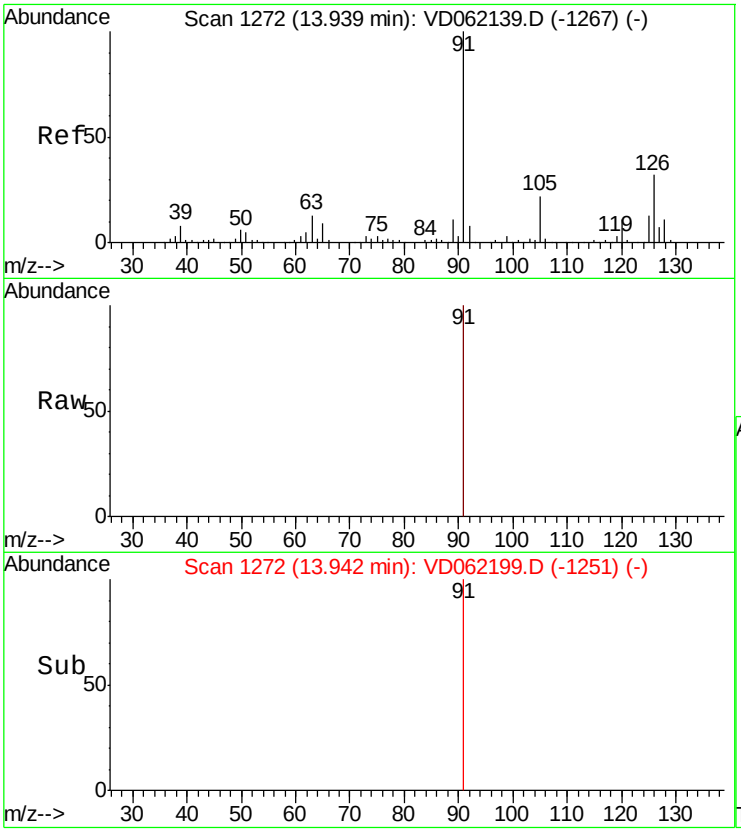


#81
trans-1,4-Dichloro-2-butene
Concen: 153.686 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion: 75 Resp: 2543

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



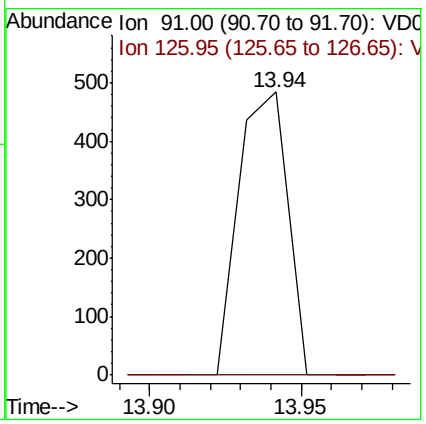


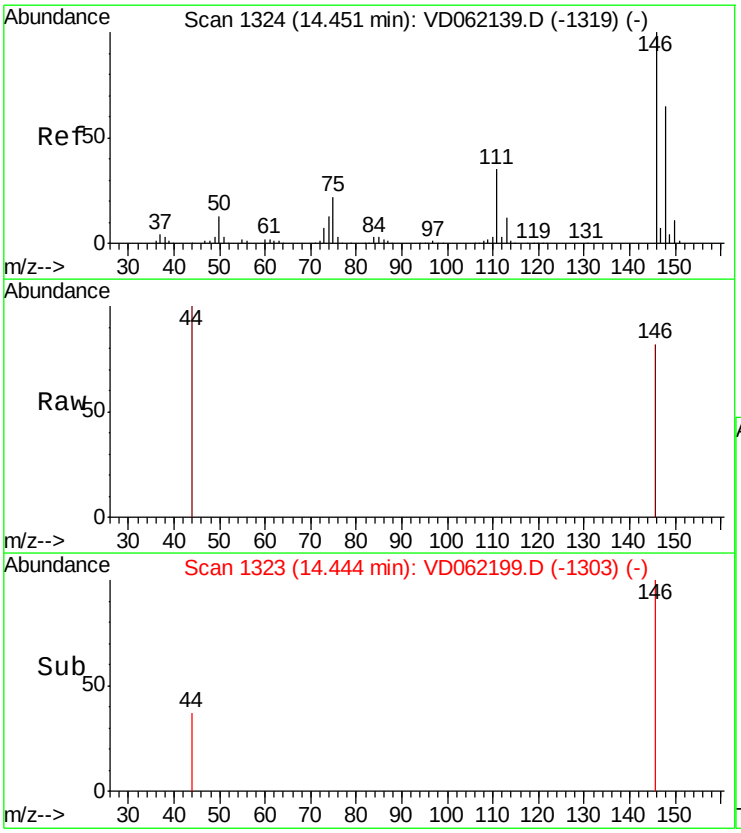
#82
4-Chlorotoluene
Concen: 2.285 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P026-SS002-0002-01

Tgt Ion: 91 Resp: 543

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.1	57.5#

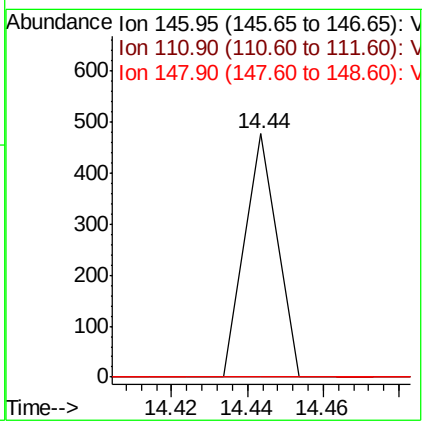


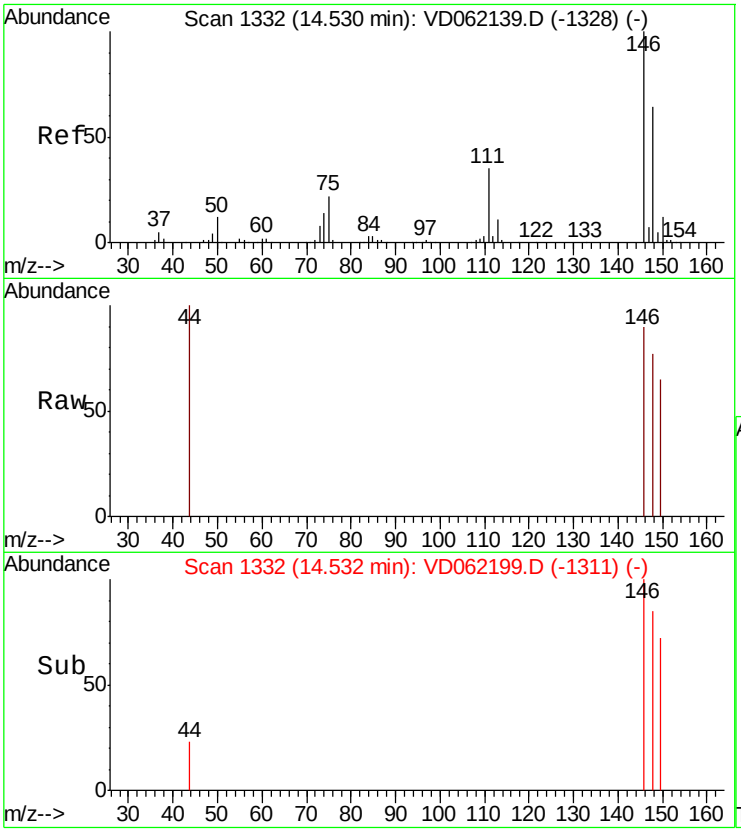


#87
1,3-Dichlorobenzene
Concen: 1.865 ug/l
RT: 14.44 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion:146 Resp: 282

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	0.0	31.8	95.4#



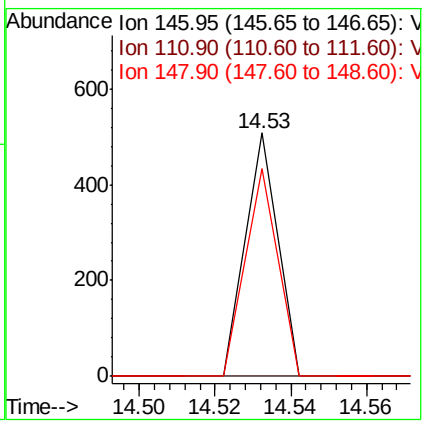


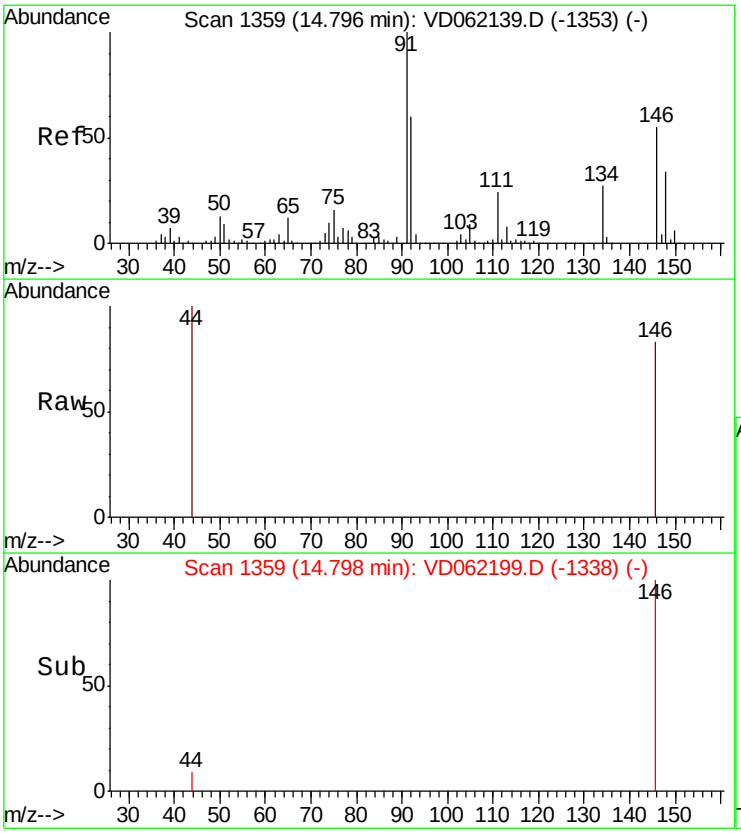
#88
1,4-Dichlorobenzene
Concen: 2.020 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:146 Resp: 300

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.2	60.5#
148	85.4	32.0	96.2

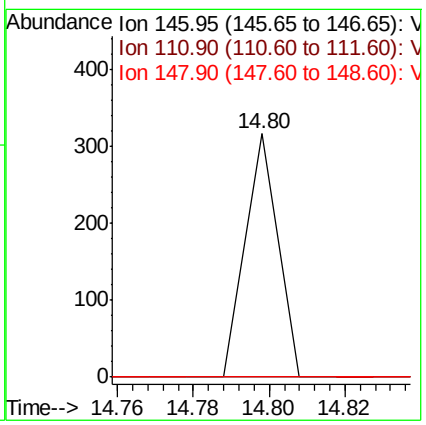


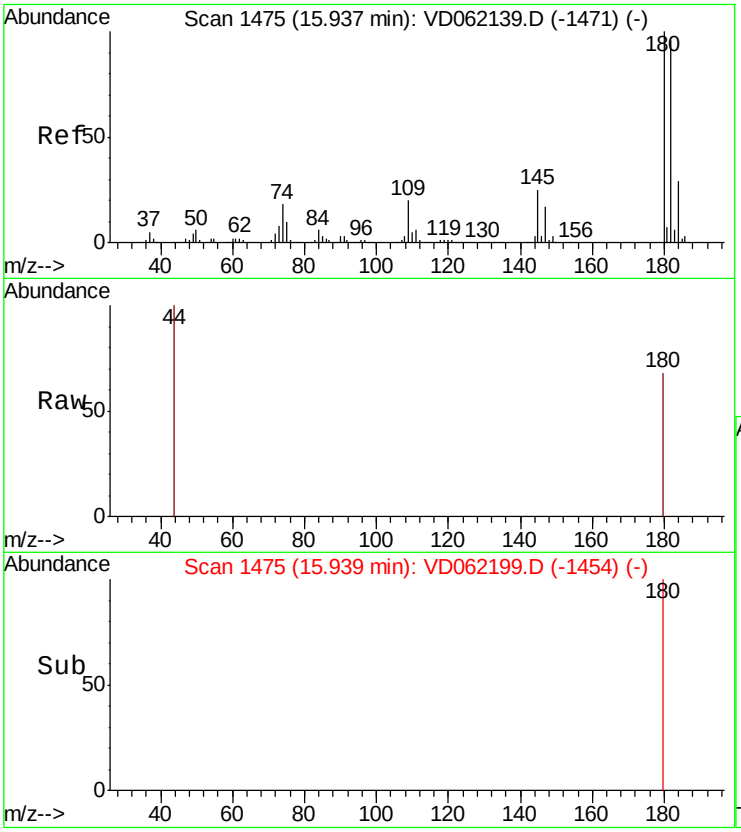


#91
1,2-Dichlorobenzene
Concen: 1.502 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion:146 Resp: 187

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	59.9#
148	0.0	32.3	96.8#



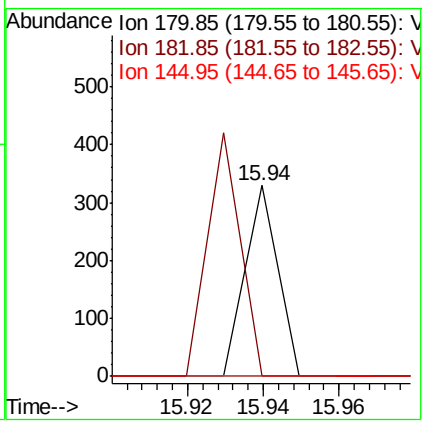


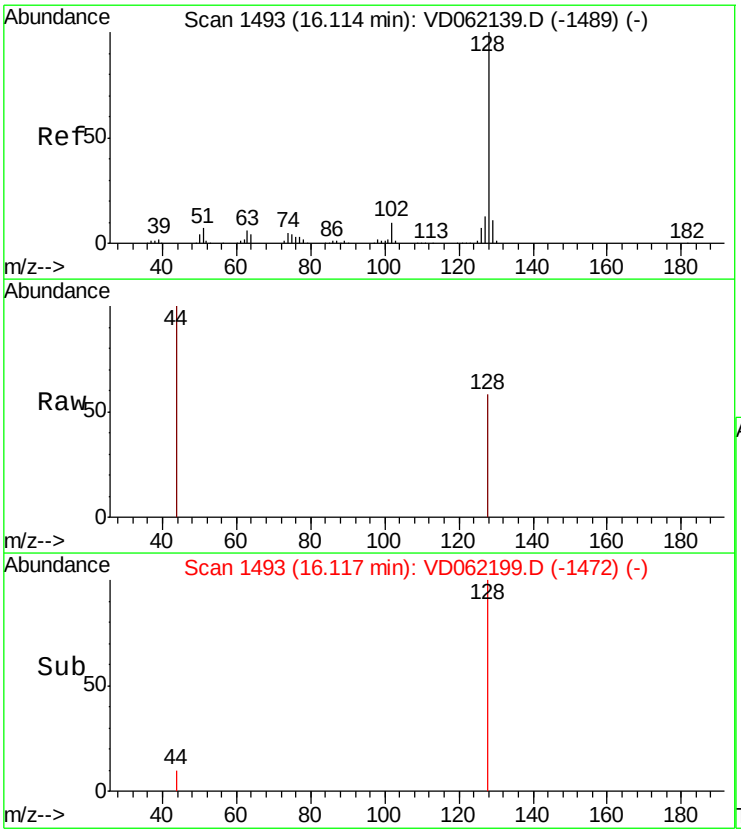
#93
1,2,4-Trichlorobenzene
Concen: 2.152 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-0002-01

Tgt Ion:180 Resp: 195

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.3	147.8#
145	0.0	16.2	48.6#





#95
Naphthalene
Concen: 5.264 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062199.D
Acq: 9 May 2019 20:23

Tgt Ion:128 Resp: 666

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#