Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062396.D
Acq On : 15 May 2019 18:58
Operator : FY/SY
Sample : K2822-04
Misc : 5.06g/5mL/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-4

Quant Time: May 16 03:58:54 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	7.05	168	17429	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	29925	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	18347	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	7246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	19808	122.29	ug/l	0.02
Spiked Amount 50.000			Recovery = 244.58%			
35) Dibromofluoromethane	6.92	113	13804	55.60	ug/l	0.02
Spiked Amount 50.000			Recovery = 111.20%			
50) Toluene-d8	10.41	98	21856	36.51	ug/l	0.01
Spiked Amount 50.000			Recovery = 73.02%			
62) 4-Bromofluorobenzene	13.56	95	8163	33.96	ug/l	0.01
Spiked Amount 50.000			Recovery = 67.92%			
Target Compounds						Qvalue
5) Bromomethane	2.16	94	380	13.700	ug/l #	12
10) Methyl Iodide	3.31	142	921	3.500	ug/l #	87
16) Acetone	3.22	43	543	15.986	ug/l #	50
20) Methylene Chloride	3.82	84	654	4.611	ug/l #	51
25) 2-Butanone	5.94	43	212	5.722	ug/l #	56
36) 1,1-Dichloropropene	7.06	75	723	2.947	ug/l #	40
38) Carbon Tetrachloride	7.04	117	1437	4.232	ug/l #	12
76) 1,2,3-Trichloropropane	13.56	75	3213	37.311	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	3213	132.167	ug/l #	16
90) Hexachloroethane	15.15	117	705	6.437	ug/l #	20
95) Naphthalene	16.13	128	1157	6.224	ug/l #	70

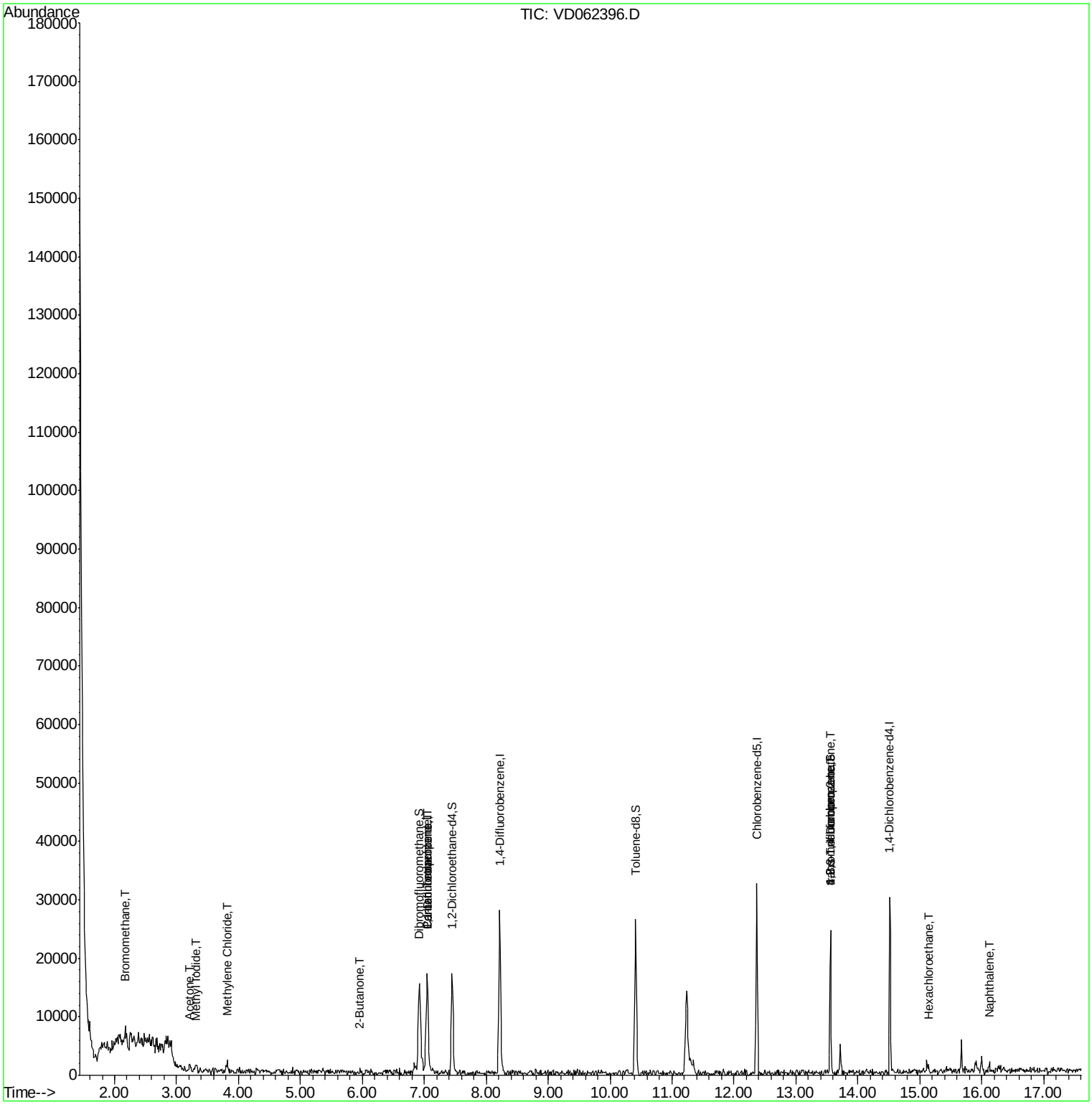
(#) = qualifier out of range (m) = manual integration (+) = signals summed

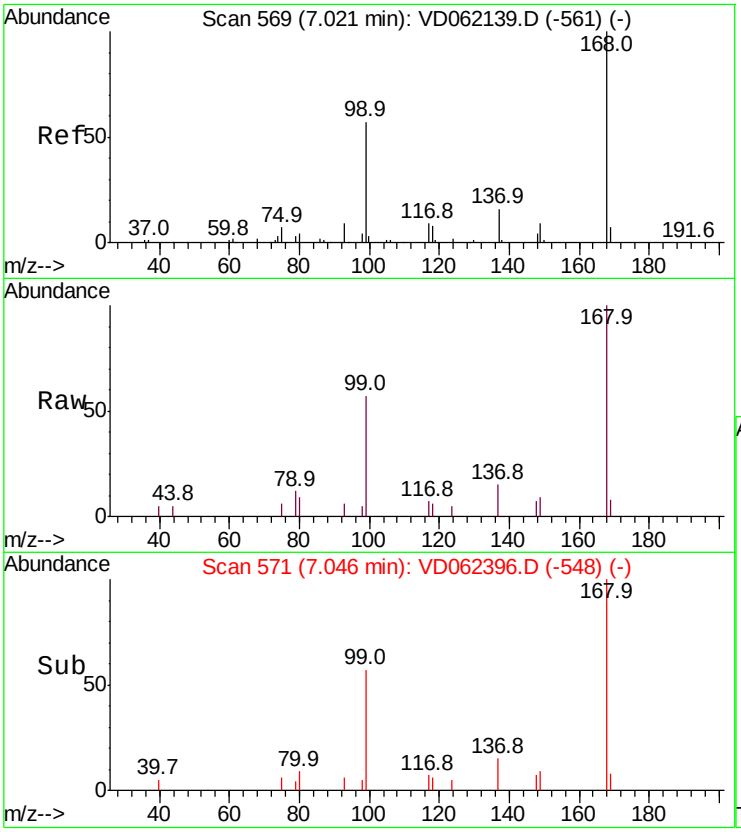
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
Data File : VD062396.D
Acq On : 15 May 2019 18:58
Operator : FY/SY
Sample : K2822-04
Misc : 5.06g/5mL/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-4

Quant Time: May 16 03:58:54 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



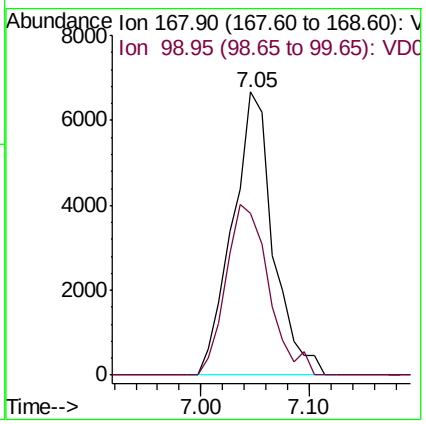


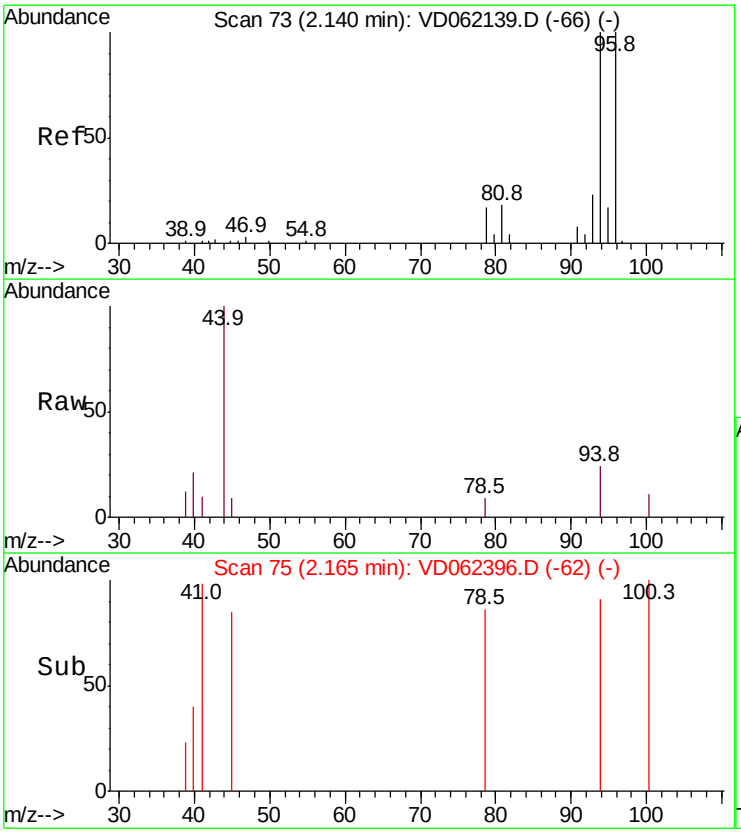
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion:168 Resp: 17429

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.5	69.7

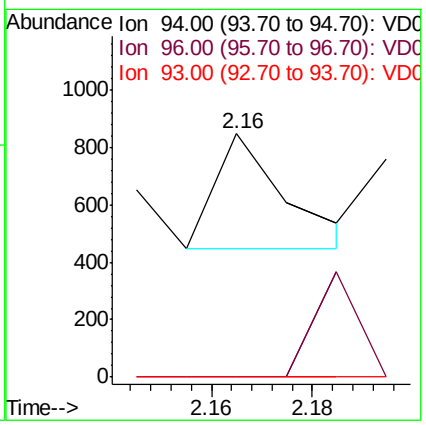


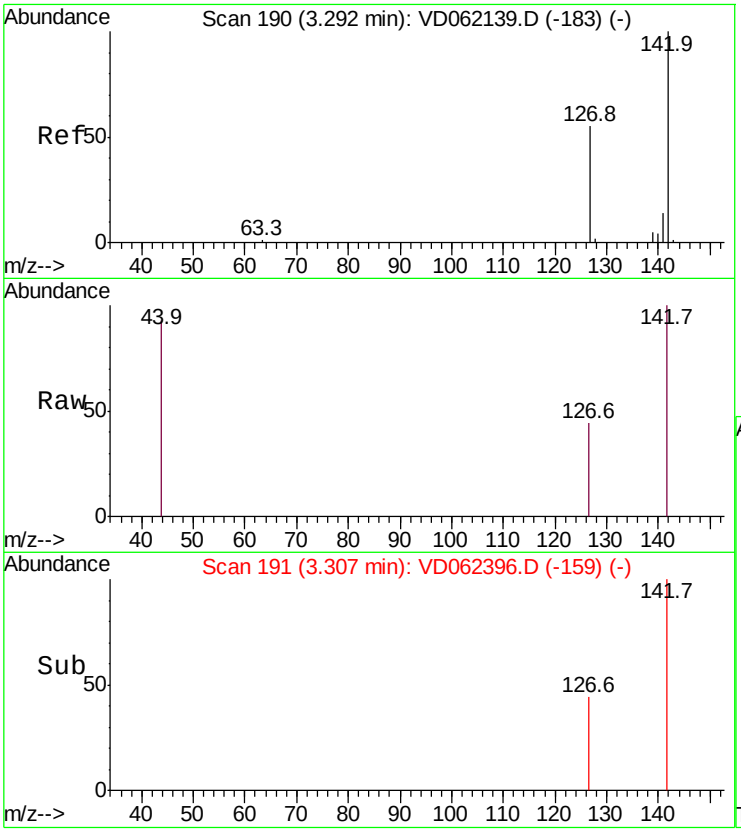


#5
Bromomethane
Concen: 13.700 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion: 94 Resp: 380

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



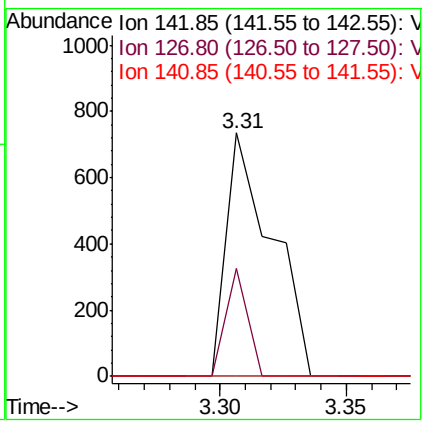


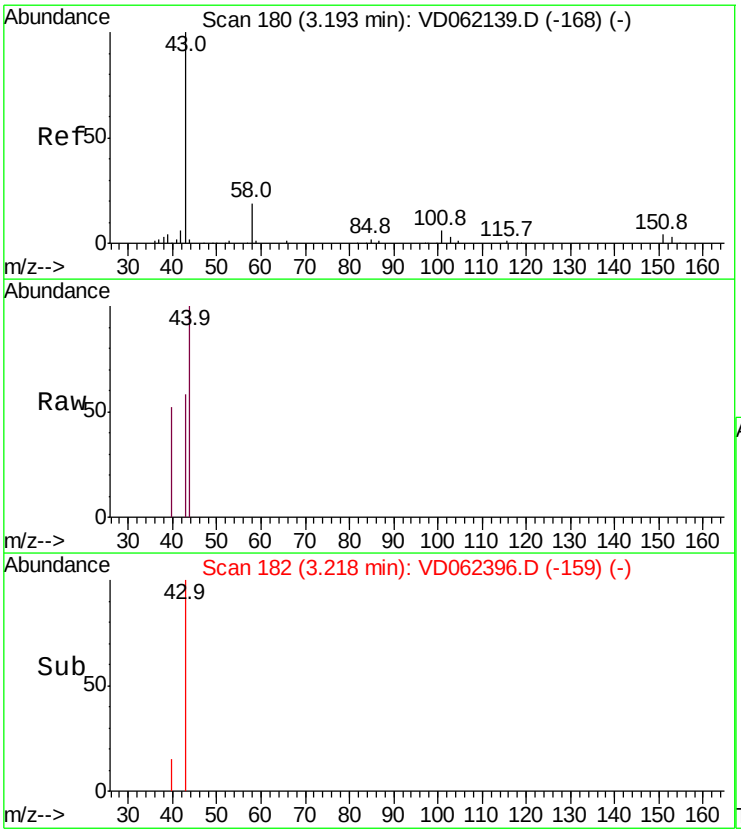
#10
Methyl Iodide
Concen: 3.500 ug/l
RT: 3.31 min Scan# 191
Delta R.T. 0.01 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion:142 Resp: 921

Ion	Ratio	Lower	Upper
142	100		
127	44.2	38.8	58.2
141	0.0	11.4	17.0#

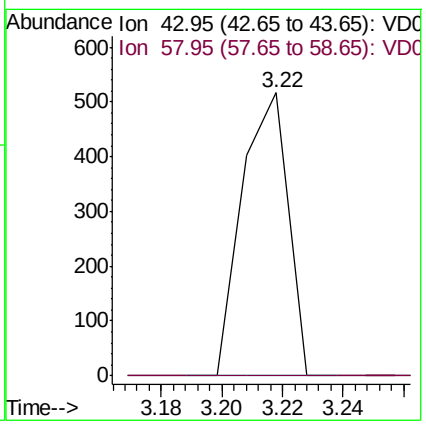


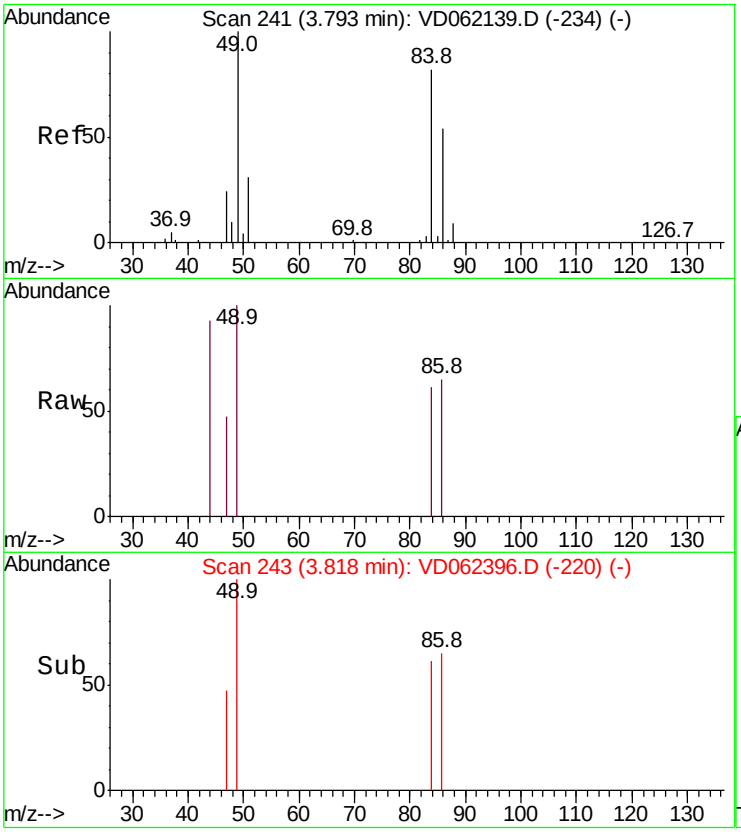


#16
Acetone
Concen: 15.986 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion: 43 Resp: 543

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



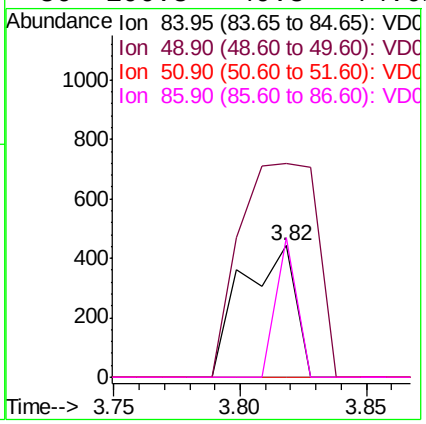


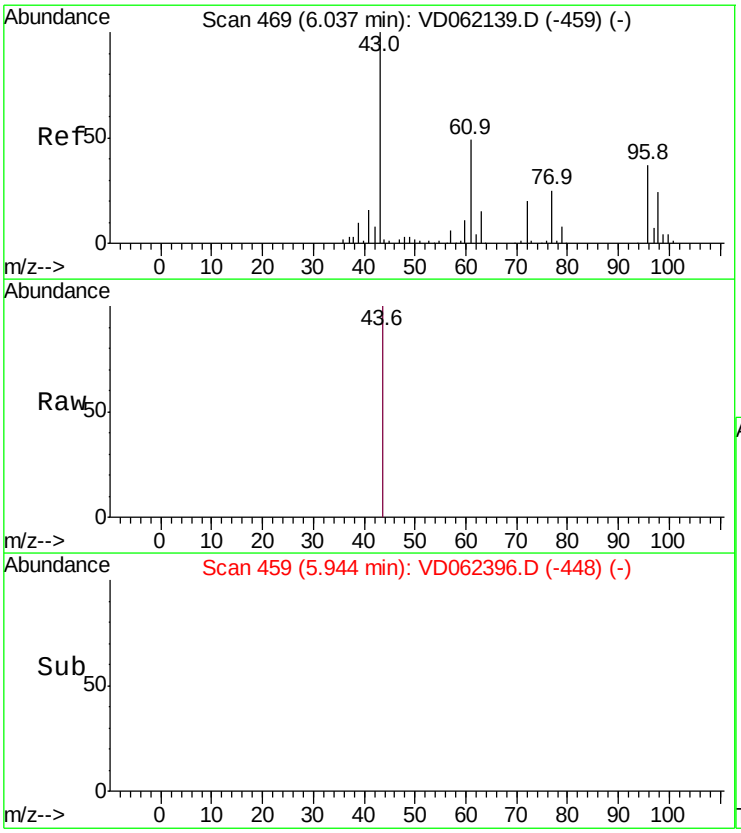
#20
Methylene Chloride
Concen: 4.611 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument : MSVOA_D
ClientSampleId : S-4

Tgt Ion: 84 Resp: 654

Ion	Ratio	Lower	Upper
84	100		
49	162.7	94.0	141.0#
51	0.0	29.0	43.4#
86	106.3	49.8	74.6#

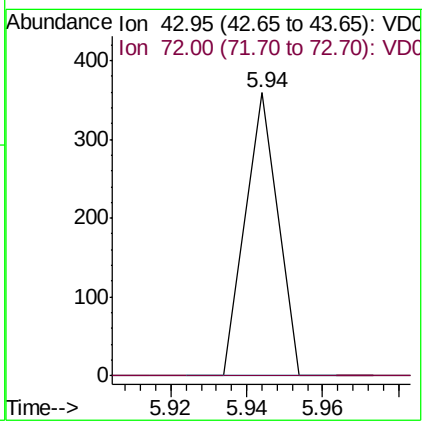


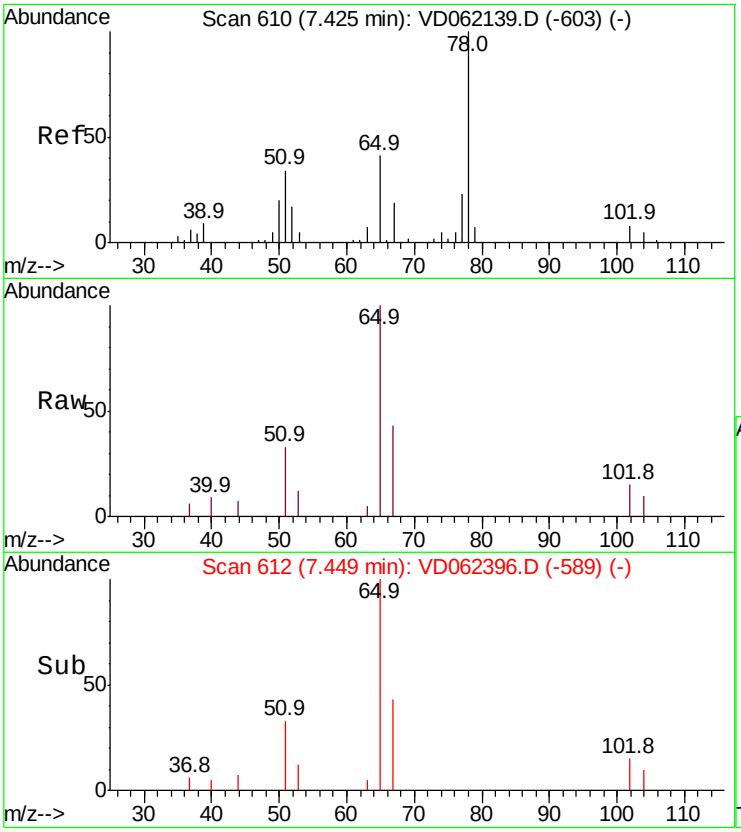


#25
2-Butanone
Concen: 5.722 ug/l
RT: 5.94 min Scan# 459
Delta R.T. -0.09 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion: 43 Resp: 212

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



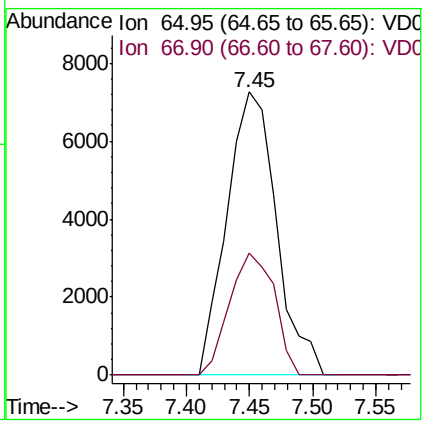


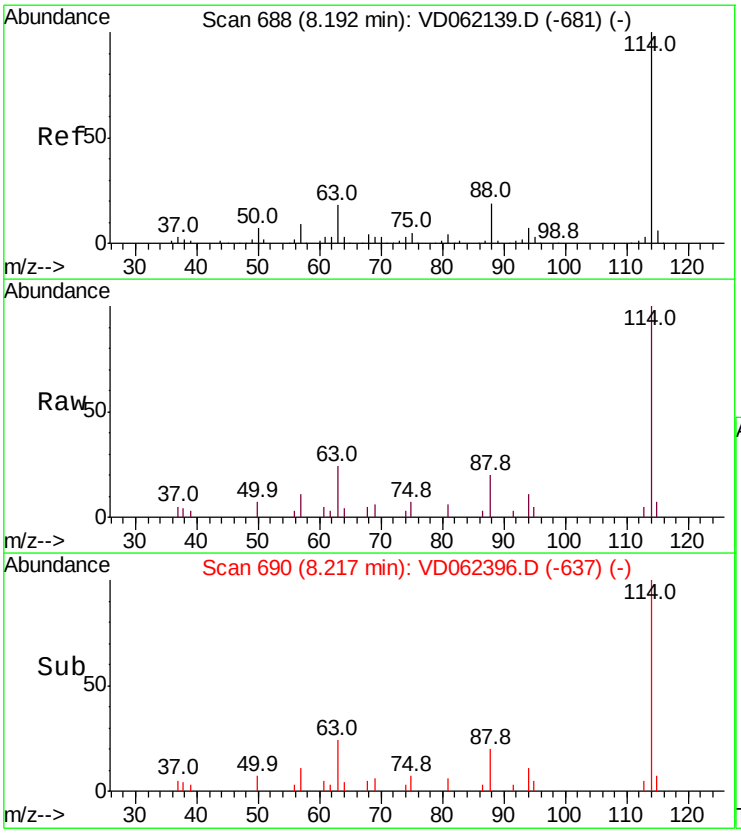
#33
1,2-Dichloroethane-d4
Concen: 122.294 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion: 65 Resp: 19808

Ion	Ratio	Lower	Upper
65	100		
67	43.0	0.0	98.0

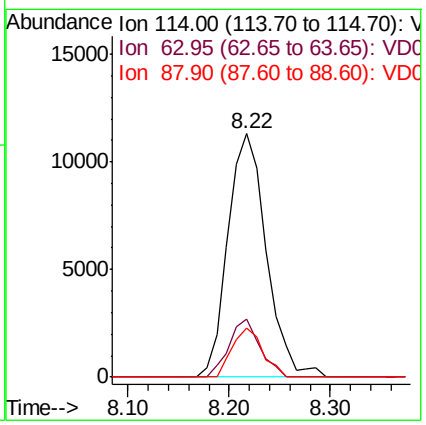


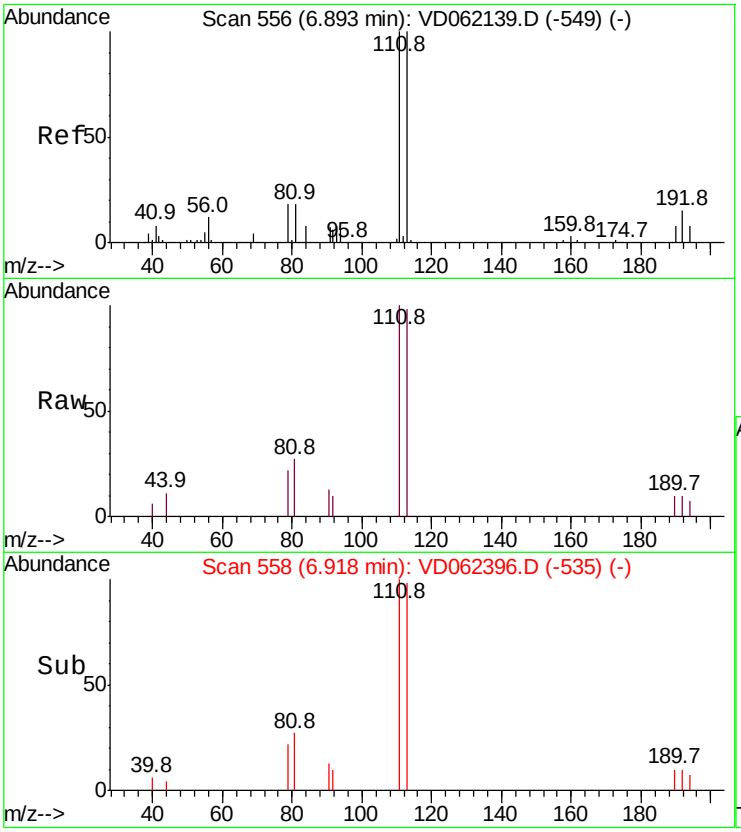


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion:114 Resp: 29925

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	32.4
88	20.3	0.0	33.6



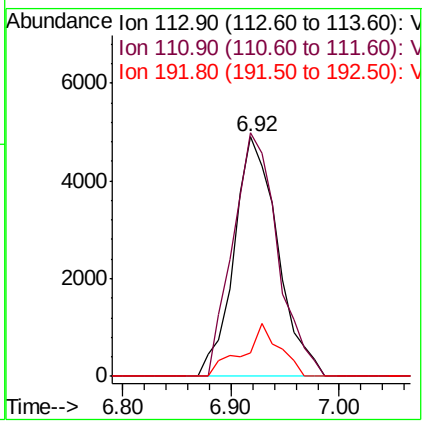


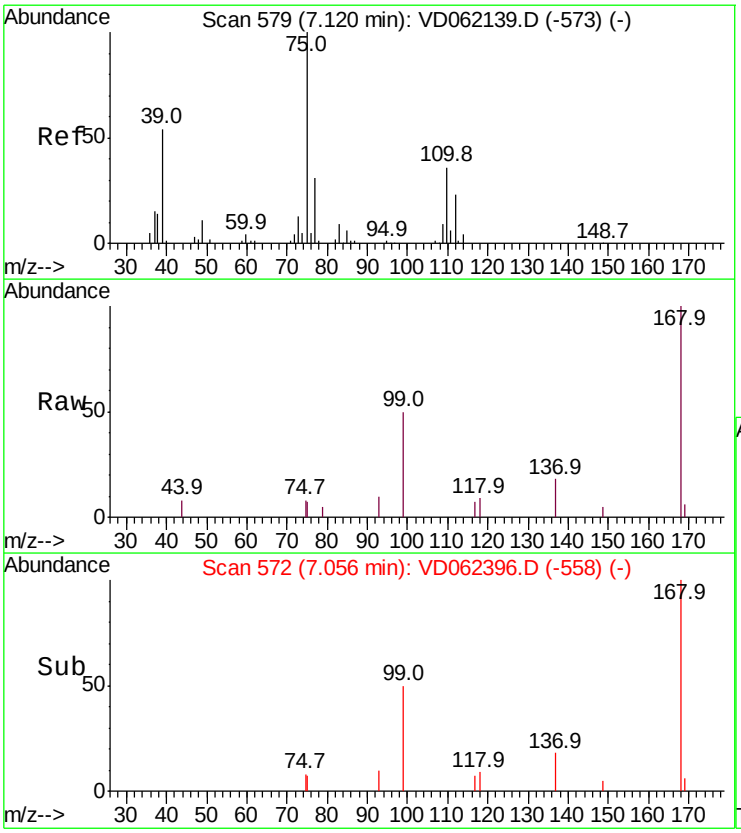
#35
Dibromofluoromethane
Concen: 55.596 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.02 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument : MSVOA_D
ClientSampleId : S-4

Tgt Ion:113 Resp: 13804

Ion	Ratio	Lower	Upper
113	100		
111	101.6	78.5	117.7
192	9.7	13.0	19.4#

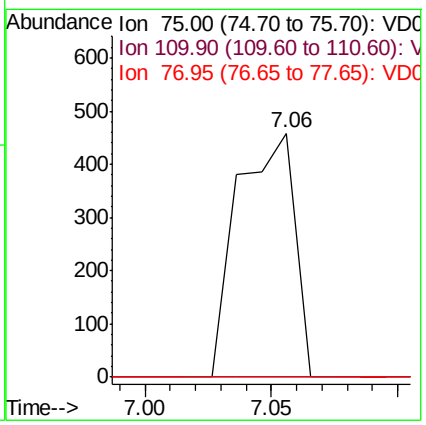


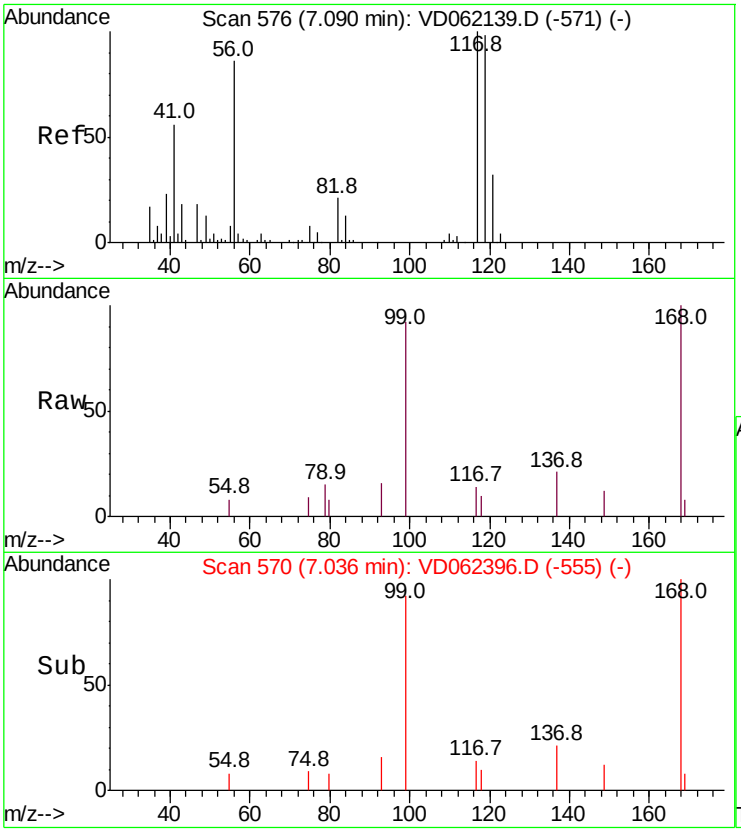


#36
1,1-Dichloropropene
Concen: 2.947 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion: 75 Resp: 723

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



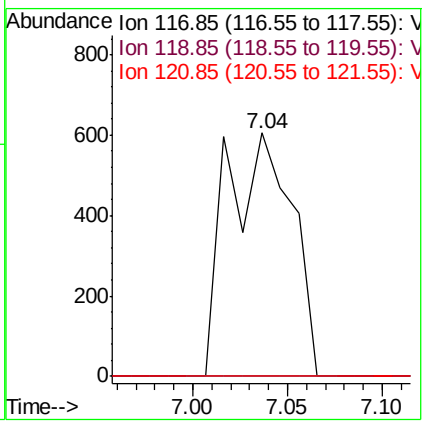


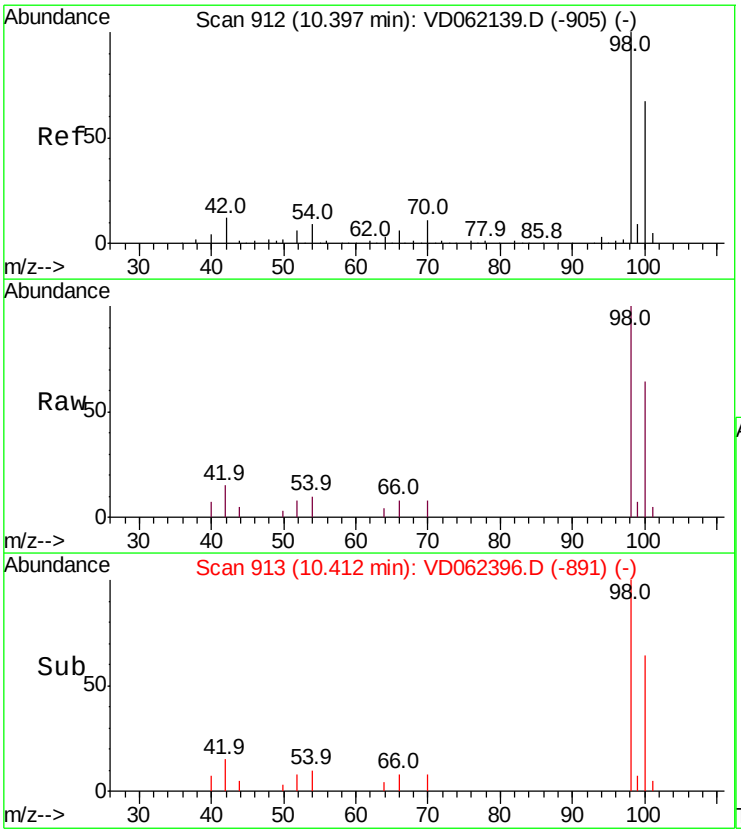
#38
Carbon Tetrachloride
Concen: 4.232 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument : MSVOA_D
ClientSampleId : S-4

Tgt Ion:117 Resp: 1437

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

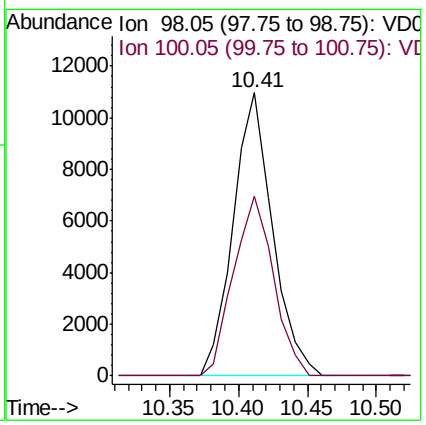


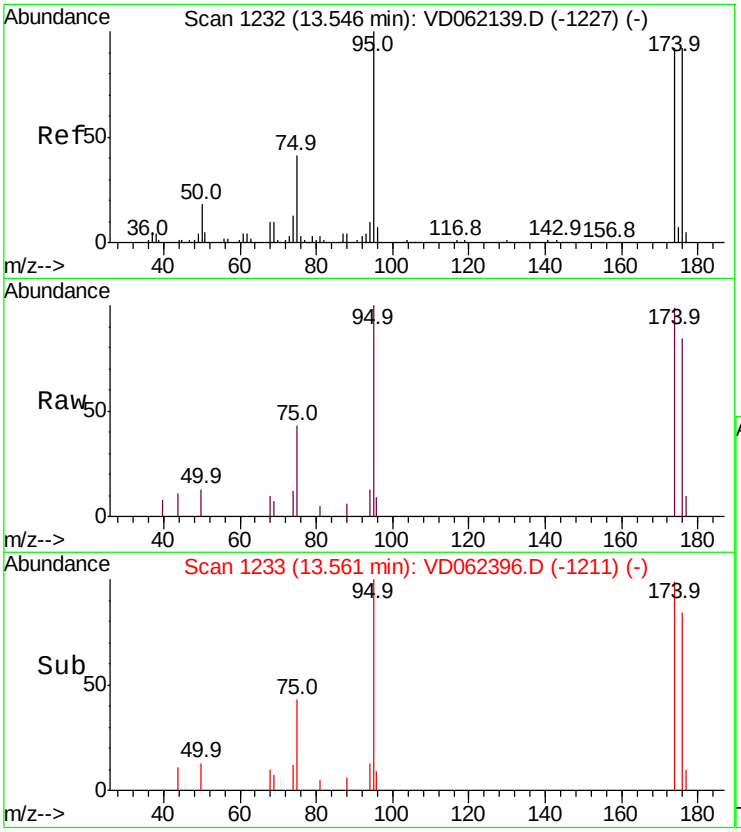


#50
Toluene-d8
Concen: 36.509 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion: 98 Resp: 21856

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.8	80.8



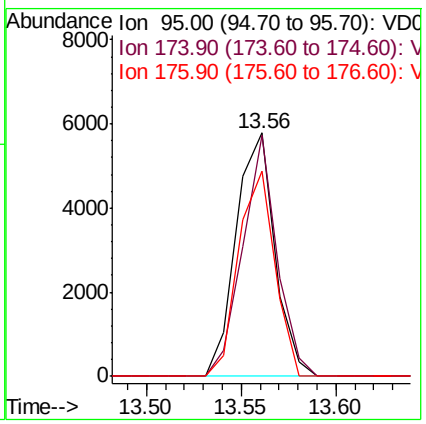


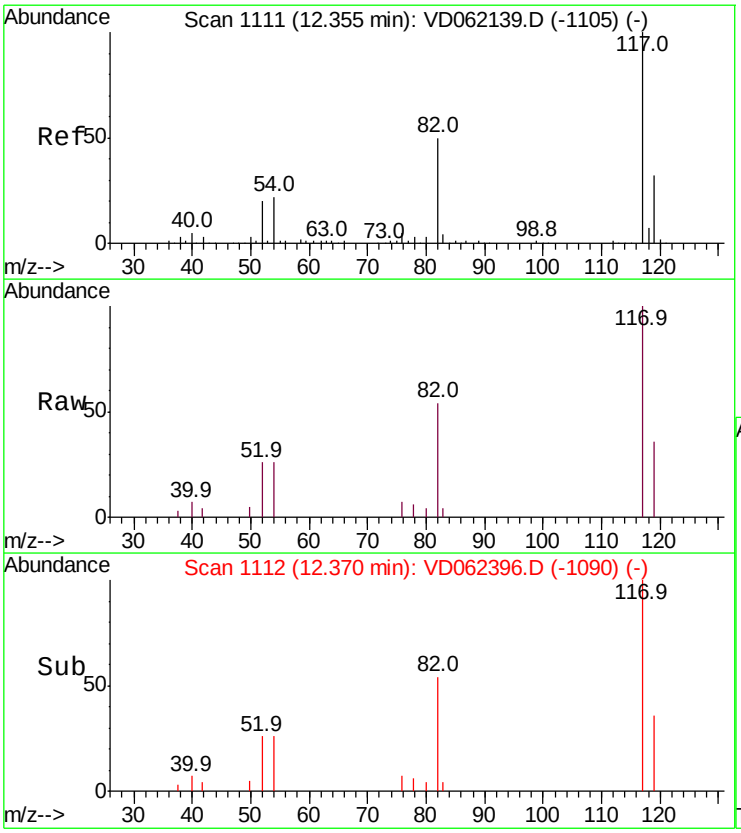
#62
4-Bromofluorobenzene
Concen: 33.957 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion: 95 Resp: 8163

Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	181.8
176	84.2	0.0	174.4

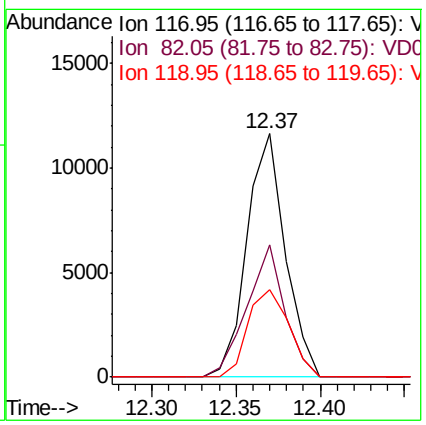


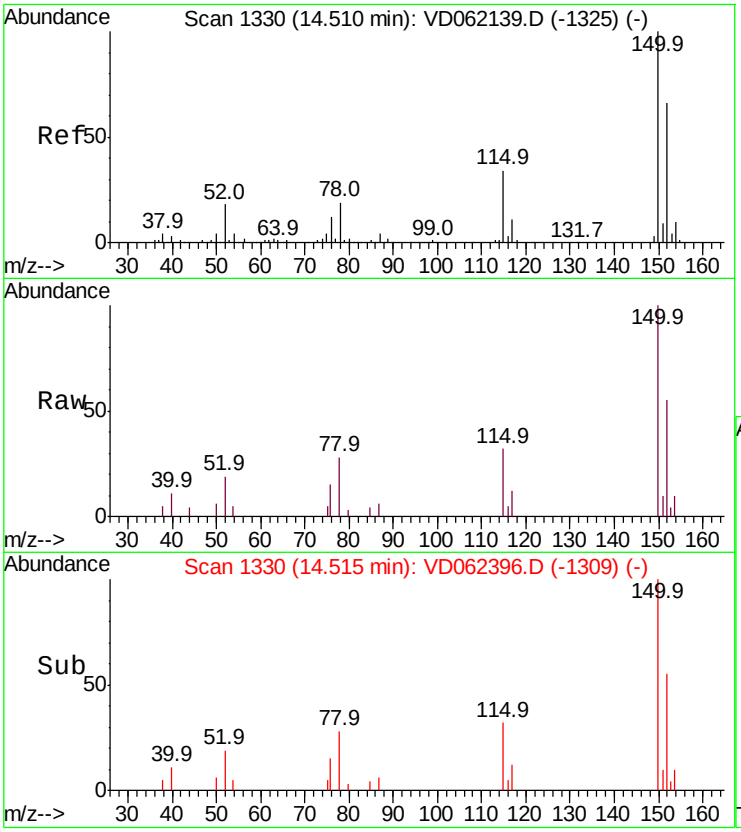


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion:117 Resp: 18347

Ion	Ratio	Lower	Upper
117	100		
82	54.4	36.2	54.2#
119	35.8	26.2	39.4



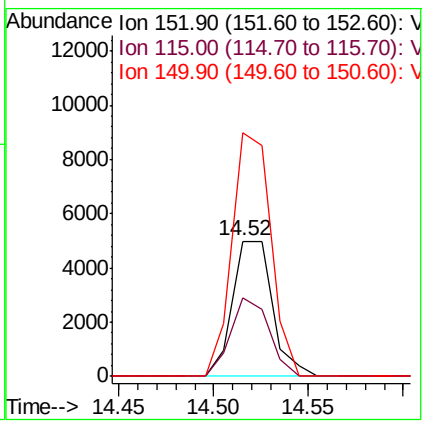


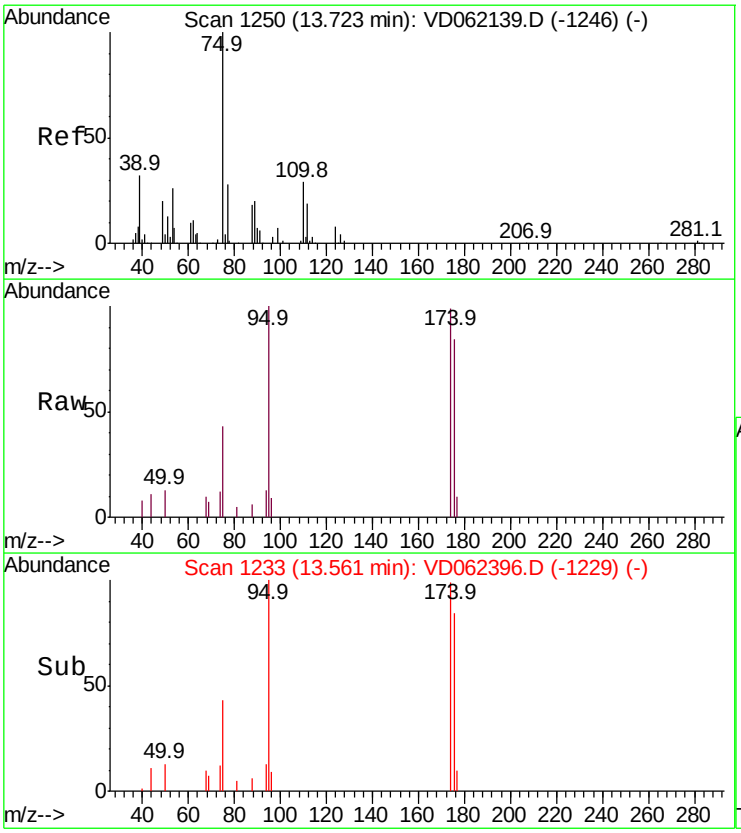
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion:152 Resp: 7246

Ion	Ratio	Lower	Upper
152	100		
115	57.7	30.9	92.7
150	180.2	0.0	314.8

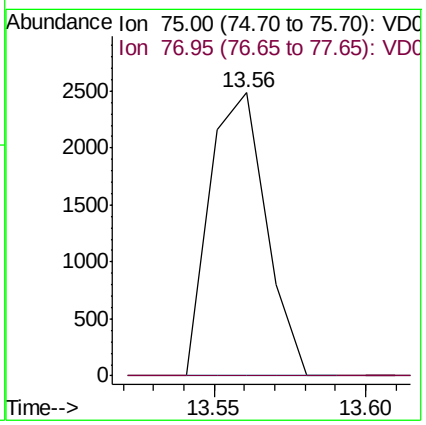


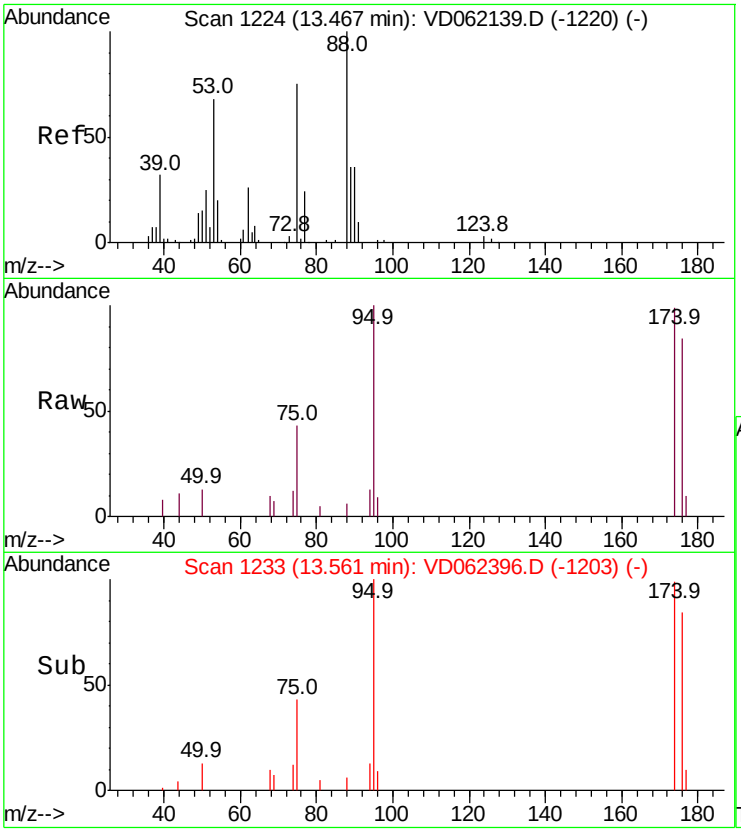


#76
1,2,3-Trichloropropane
Concen: 37.311 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion: 75 Resp: 3213

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#



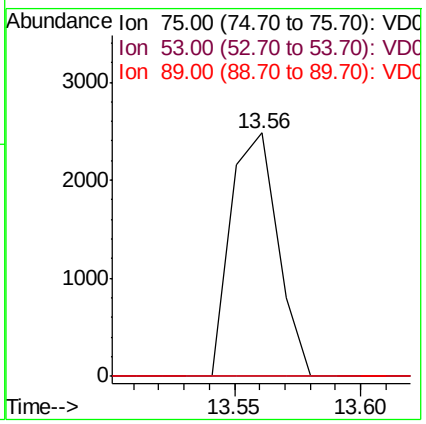


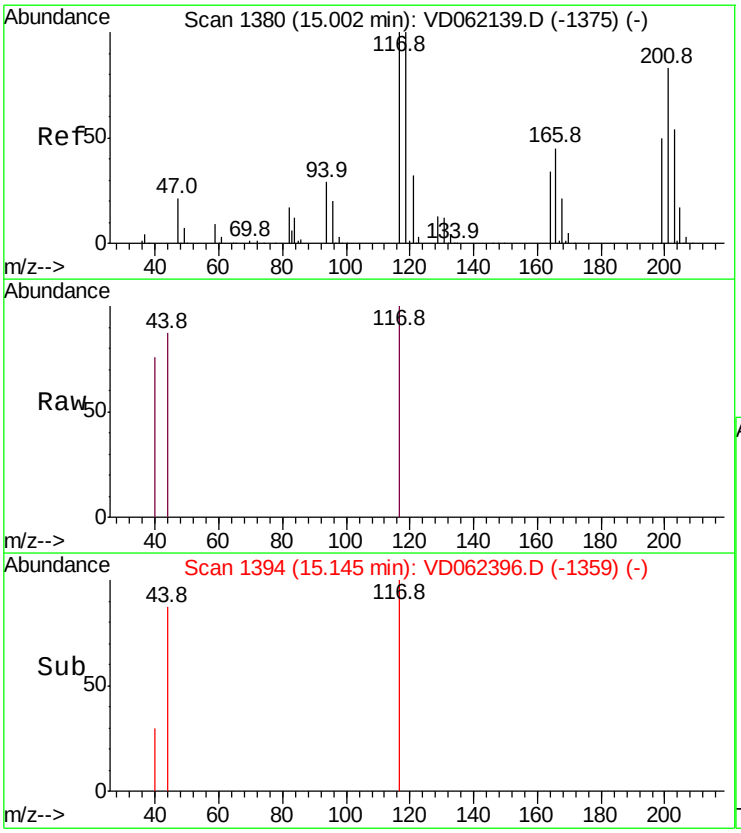
#81
trans-1,4-Dichloro-2-butene
Concen: 132.167 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion: 75 Resp: 3213

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

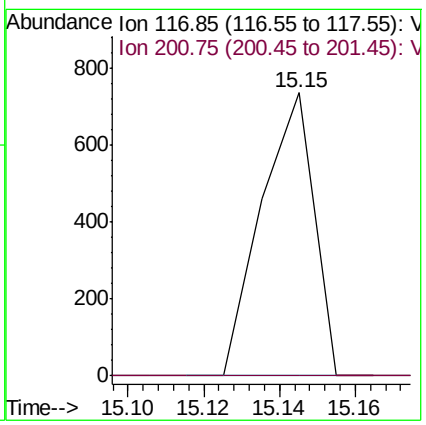


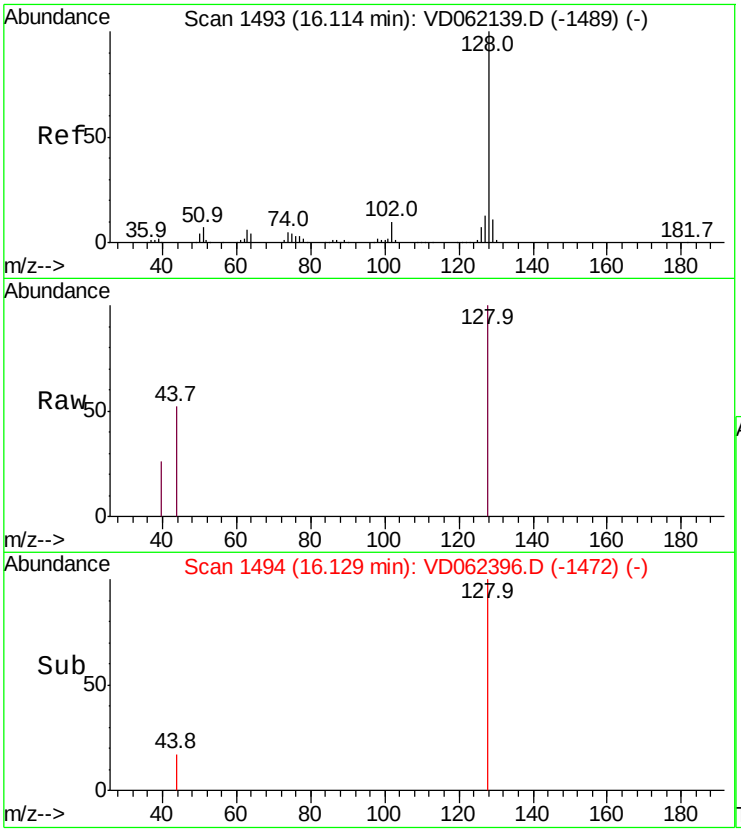


#90
Hexachloroethane
Concen: 6.437 ug/l
RT: 15.15 min Scan# 1394
Delta R.T. 0.14 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Tgt Ion:117 Resp: 705

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.2	90.6#





#95
Naphthalene
Concen: 6.224 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062396.D
Acq: 15 May 2019 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tgt Ion:128 Resp: 1157

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