Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
Data File : VD062428.D
Acq On : 16 May 2019 20:15
Operator : FY/SY
Sample : K2637-01
Misc : 7.19g/5mL/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-06-051519-A

Quant Time: May 17 02:31:24 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	7.04	168	15803	50.00 ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	24868	50.00 ug/l	0.02
63) Chlorobenzene-d5	12.36	117	22742	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	12500	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	7.44	65	11048	75.23 ug/l	0.01
Spiked Amount 50.000			Recovery =	150.46%	
35) Dibromofluoromethane	6.92	113	9921	48.08 ug/l	0.02
Spiked Amount 50.000			Recovery =	96.16%	
50) Toluene-d8	10.40	98	16756	33.68 ug/l	0.00
Spiked Amount 50.000			Recovery =	67.36%	
62) 4-Bromofluorobenzene	13.55	95	9730	48.71 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.42%	

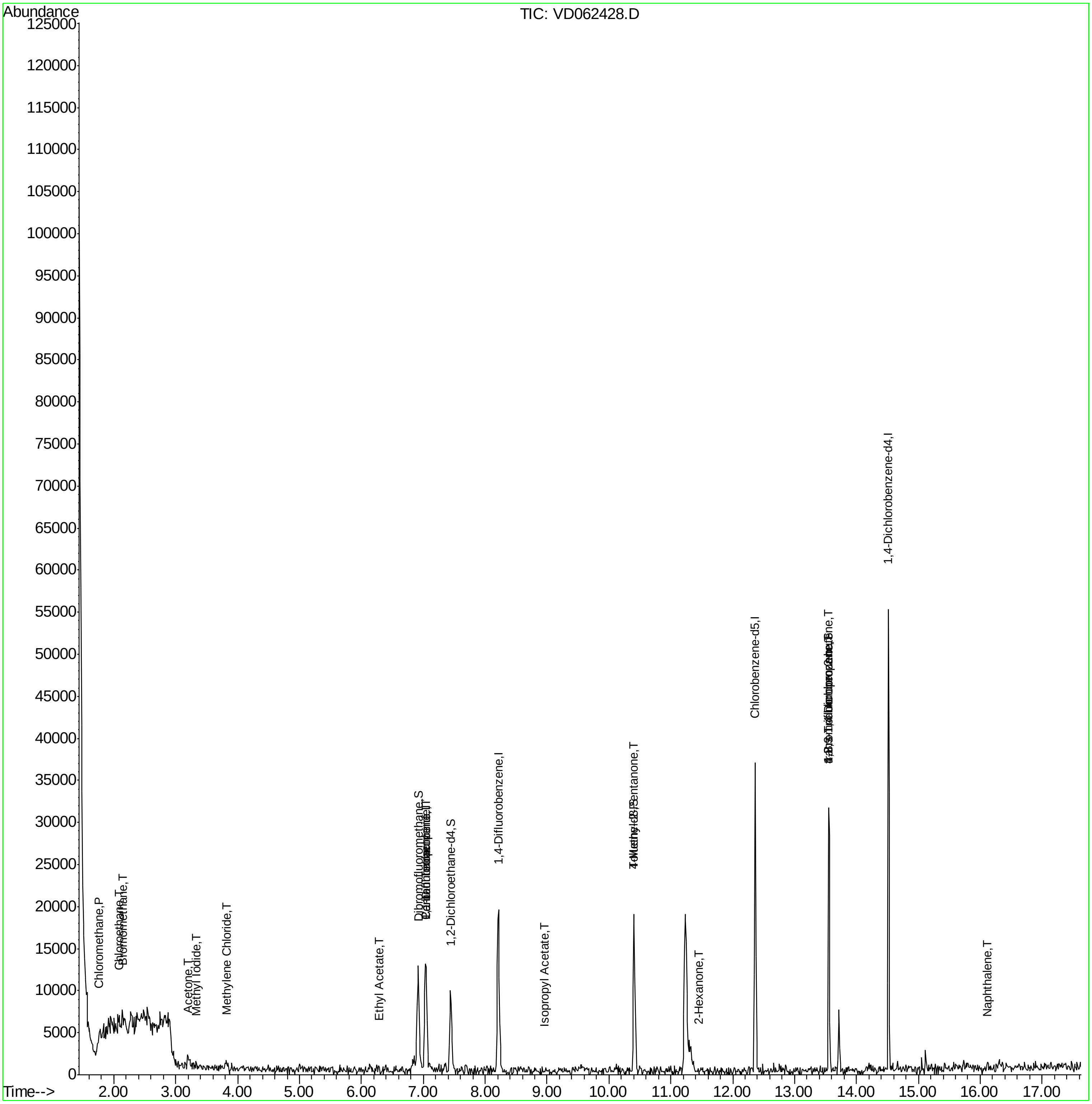
Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
3) Chloromethane	1.75	50	208	1.905 ug/l #	43
5) Bromomethane	2.14	94	1121	44.574 ug/l #	12
6) Chloroethane	2.09	64	208	4.618 ug/l #	43
10) Methyl Iodide	3.34	142	378	1.584 ug/l #	37
16) Acetone	3.21	43	2386	77.473 ug/l #	50
20) Methylene Chloride	3.81	84	188	1.462 ug/l #	64
36) 1,1-Dichloropropene	7.05	75	476	2.335 ug/l #	40
37) Ethyl Acetate	6.29	43	261	3.018 ug/l #	64
38) Carbon Tetrachloride	7.03	117	1170	4.146 ug/l #	12
43) Isopropyl Acetate	8.95	43	188	1.533 ug/l #	43
51) 4-Methyl-2-Pentanone	10.39	43	193	2.448 ug/l #	37
59) 2-Hexanone	11.44	43	227	3.907 ug/l #	27
76) 1,2,3-Trichloropropane	13.55	75	4290	28.879 ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	4751	113.289 ug/l #	16
95) Naphthalene	16.13	128	558	1.740 ug/l #	70

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

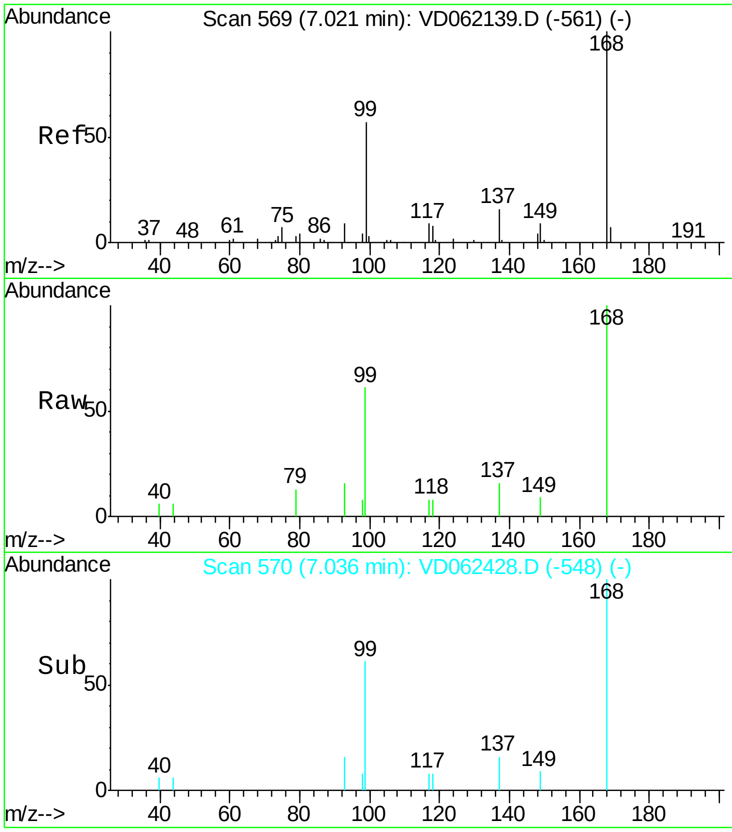
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
Data File : VD062428.D
Acq On   : 16 May 2019 20:15
Operator : FY/SY
Sample   : K2637-01
Misc   : 7.19g/5mL/MSVOA D/SOIL
ALS Vial : 20   Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Quant Time: May 17 02:31:24 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



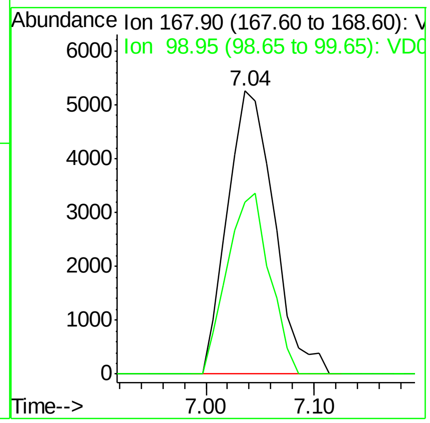
Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

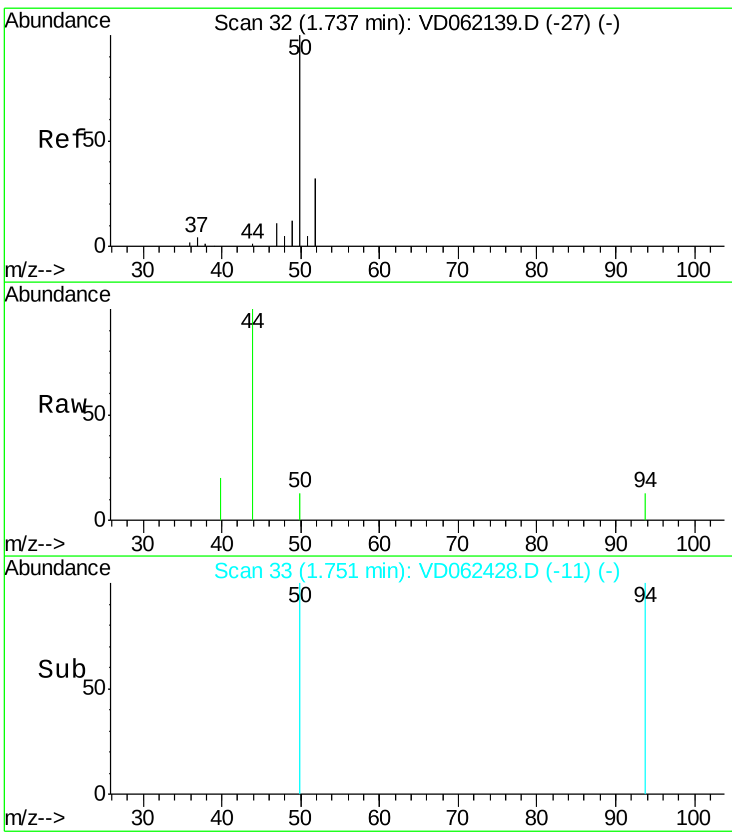


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion:168 Resp: 15803

Ion	Ratio	Lower	Upper
168	100		
99	60.8	46.5	69.7

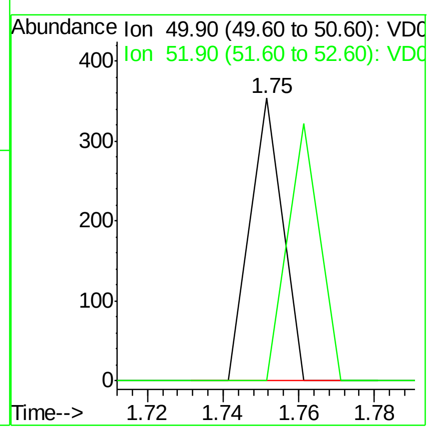


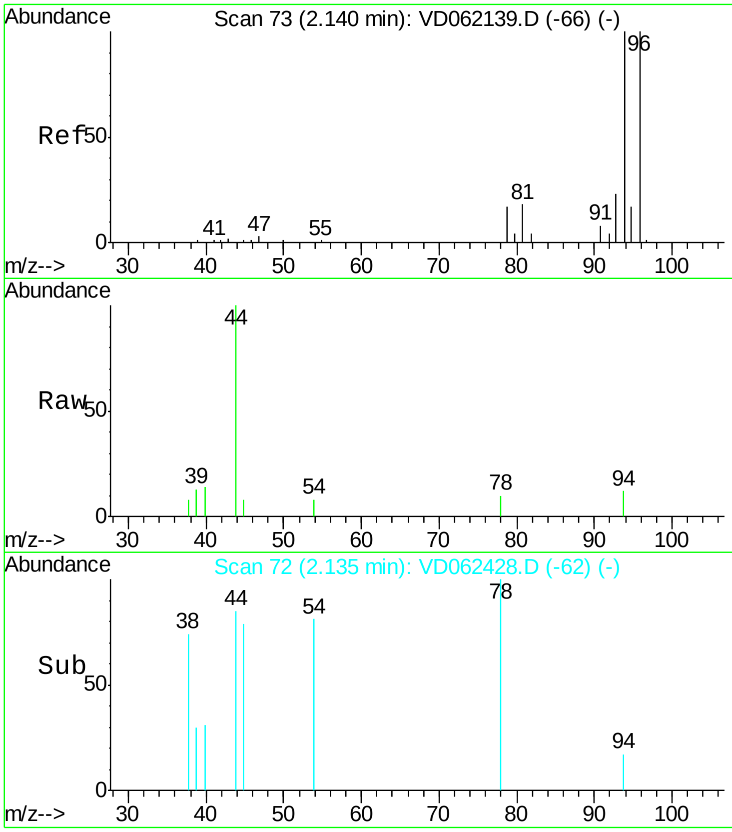


#3
Chloromethane
Concen: 1.905 ug/l
RT: 1.75 min Scan# 33
Delta R.T. 0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion: 50 Resp: 208

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



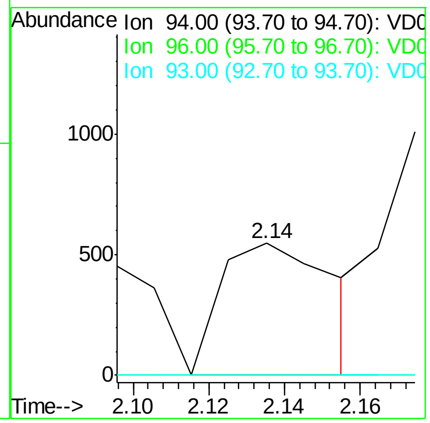


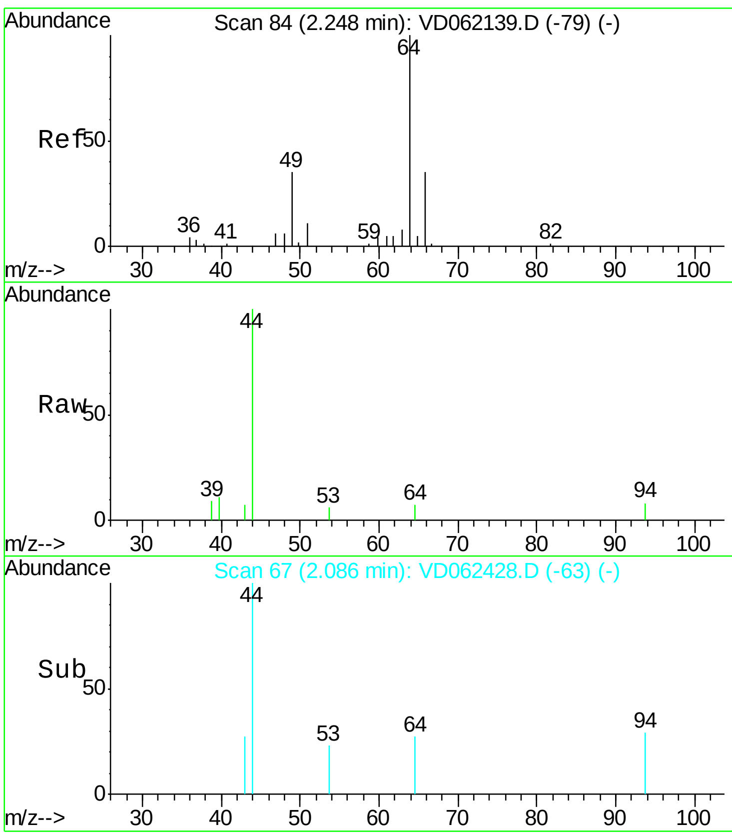
#5
Bromomethane
Concen: 44.574 ug/l
RT: 2.14 min Scan# 72
Delta R.T. -0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion: 94 Resp: 1121

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

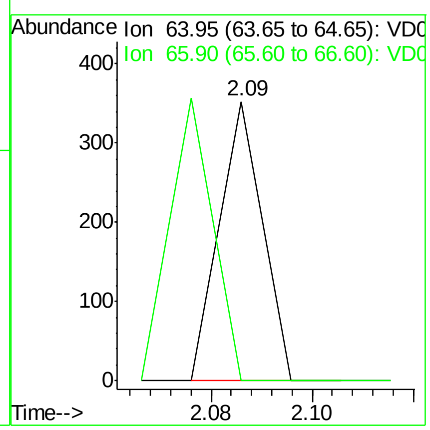


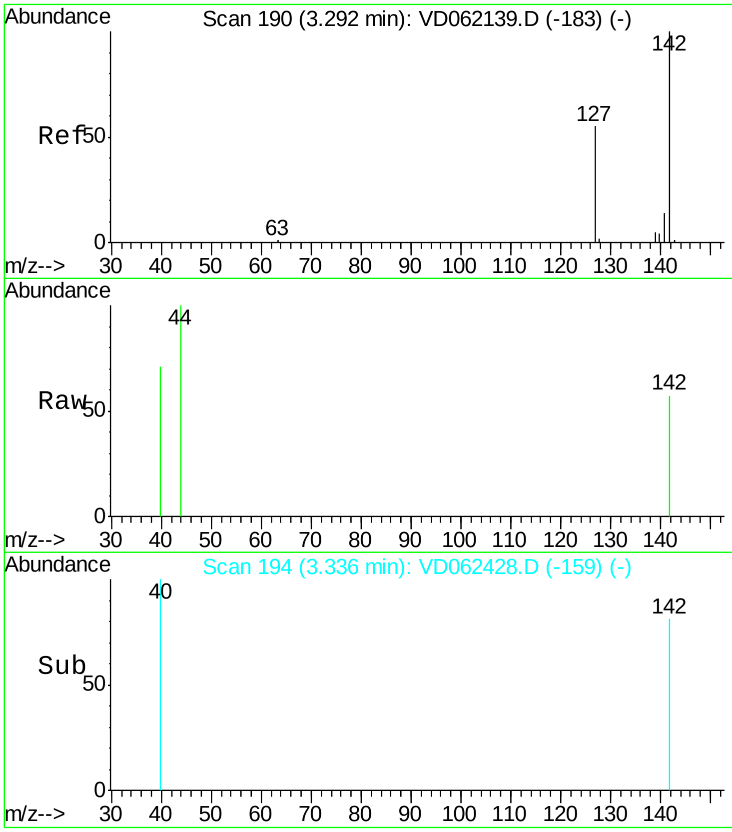


#6
Chloroethane
Concen: 4.618 ug/l
RT: 2.09 min Scan# 67
Delta R.T. -0.16 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion: 64 Resp: 208

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.6	38.4#



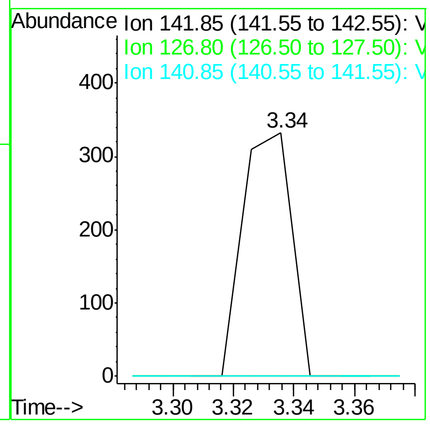


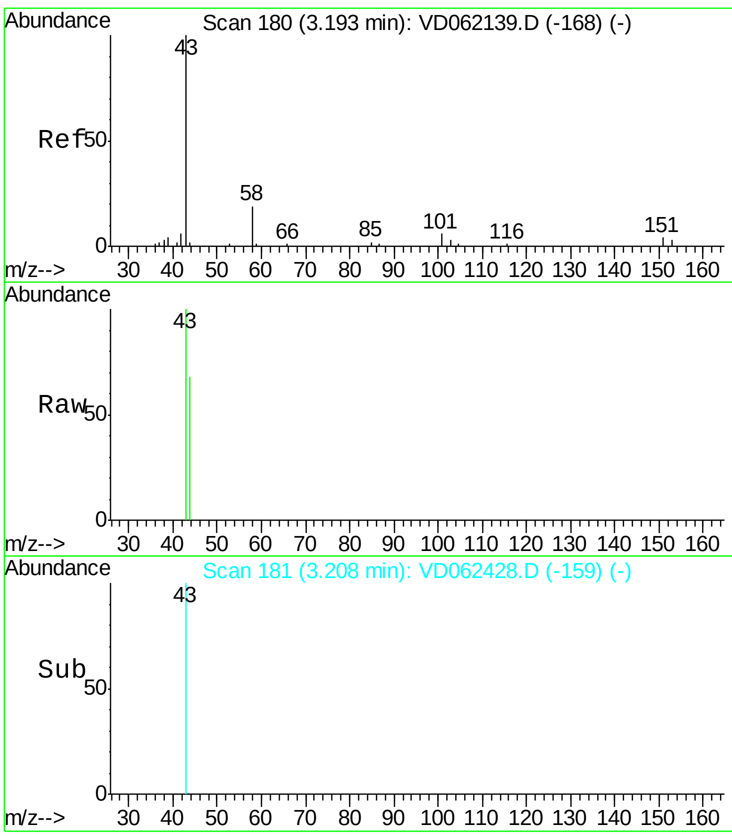
#10
Methyl Iodide
Concen: 1.584 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.04 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion:142 Resp: 378

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

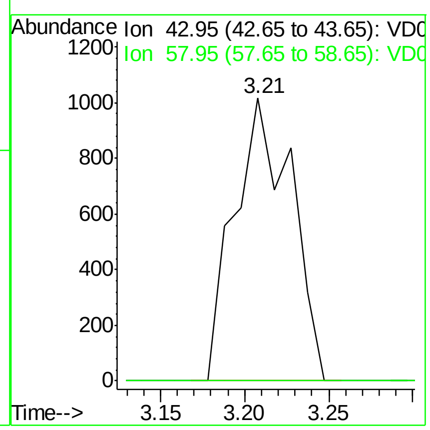


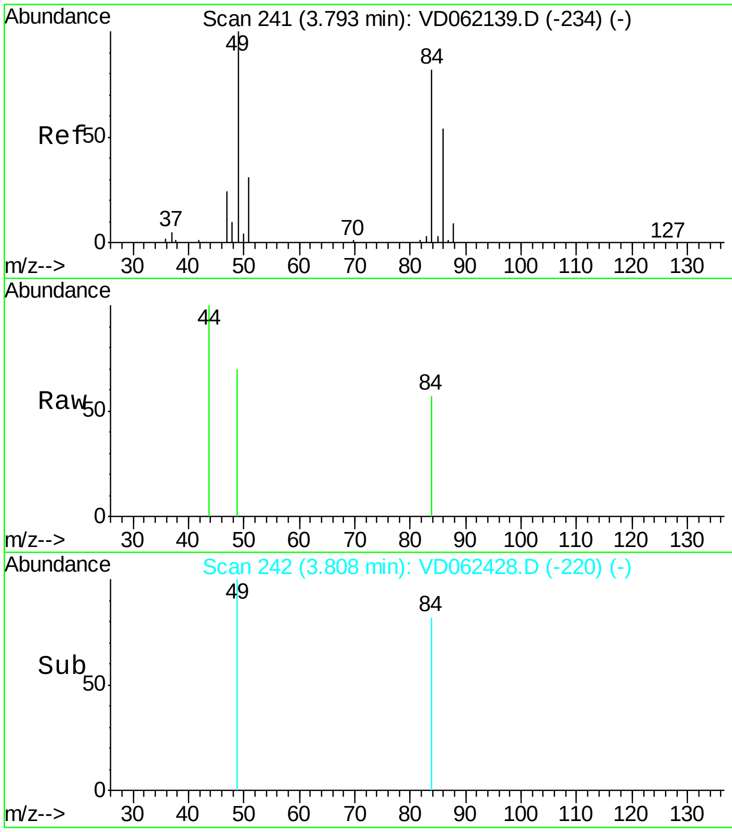


#16
Acetone
Concen: 77.473 ug/l
RT: 3.21 min Scan# 181
Delta R.T. 0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion: 43 Resp: 2386

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



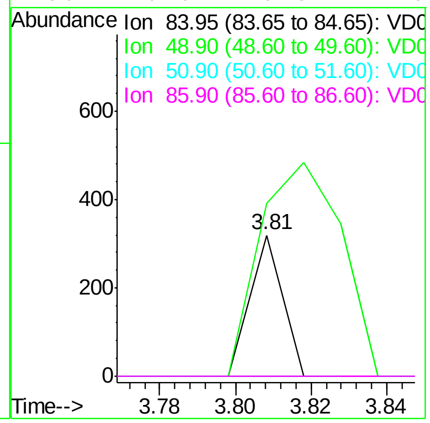


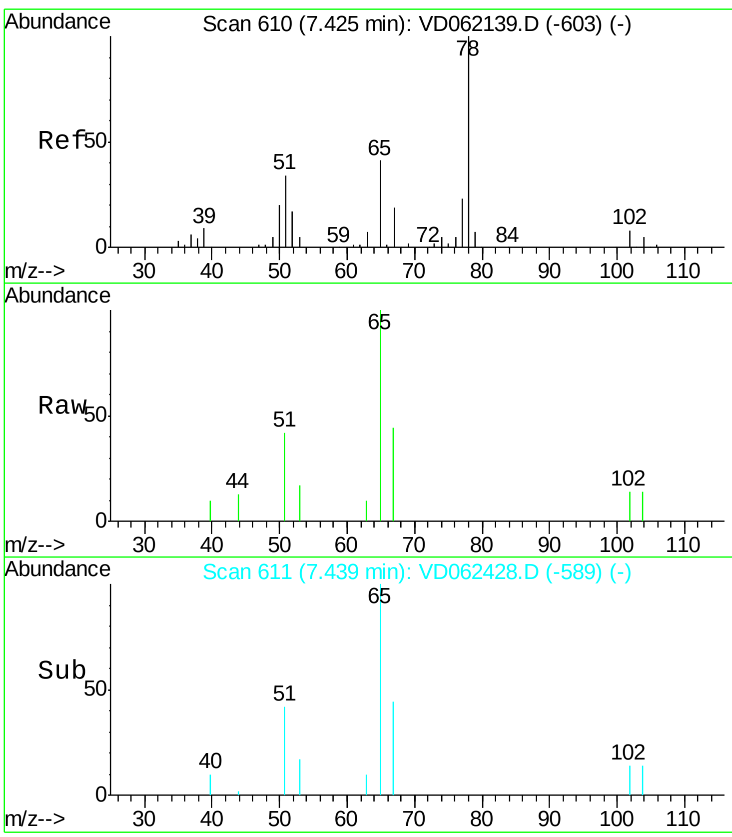
#20
Methylene Chloride
Concen: 1.462 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion: 84 Resp: 188

Ion	Ratio	Lower	Upper
84	100		
49	122.3	94.0	141.0
51	0.0	29.0	43.4#
86	0.0	49.8	74.6#

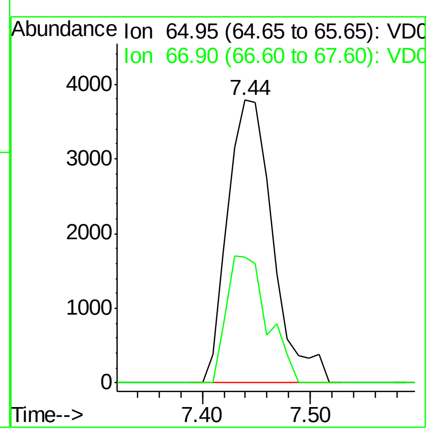


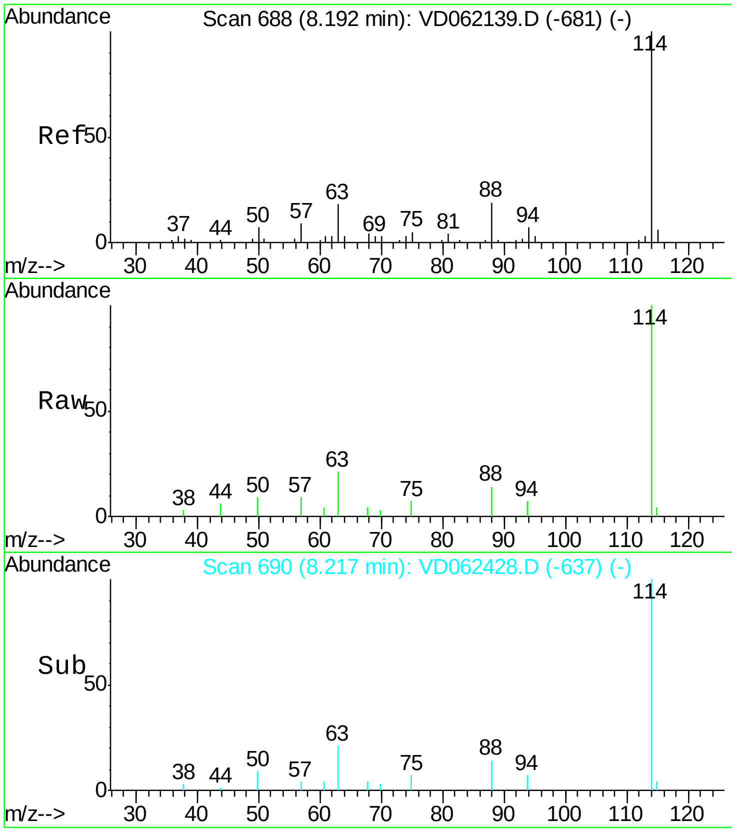


#33
1,2-Dichloroethane-d4
Concen: 75.228 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion: 65 Resp: 11048

Ion	Ratio	Lower	Upper
65	100		
67	44.5	0.0	98.0



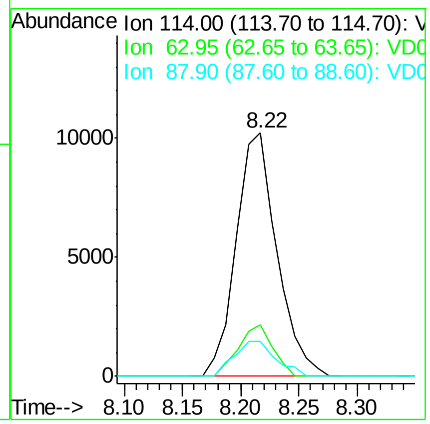


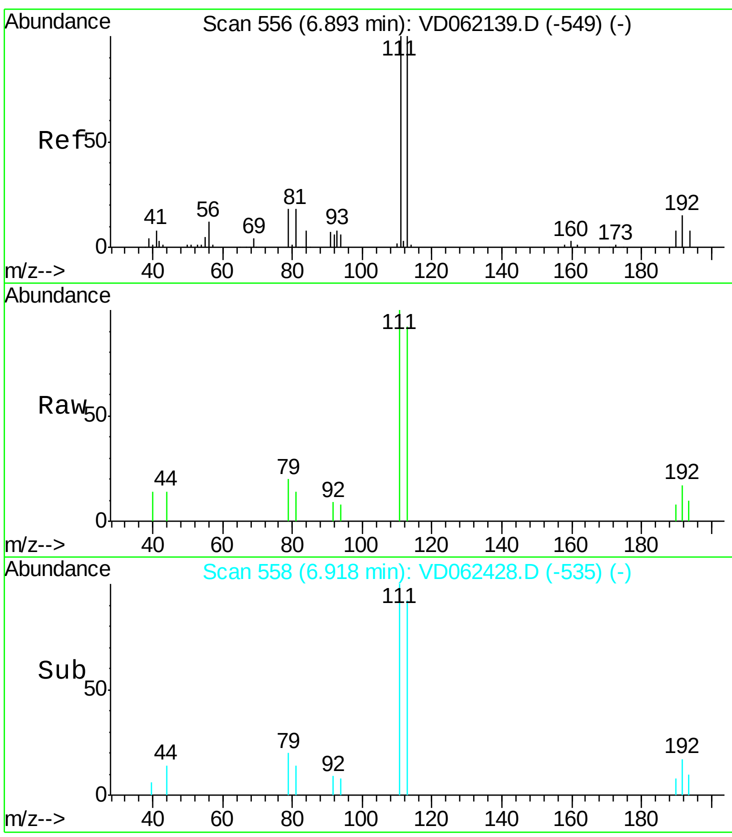
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min   Scan# 690
Delta R.T.   0.02 min
Lab File: VD062428.D
Acq: 16 May 2019   20:15

Instrument : MSVOA_D
ClientSampleId : HR-06-051519-A

Tgt Ion:114 Resp: 24868

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	32.4
88	14.3	0.0	33.6

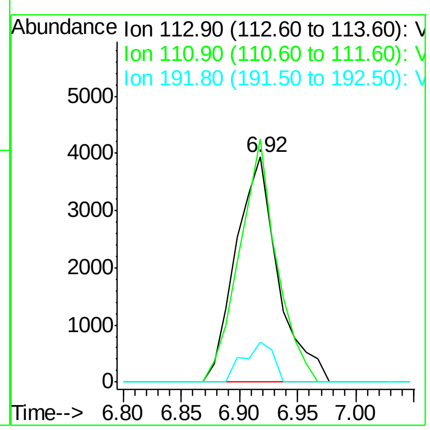


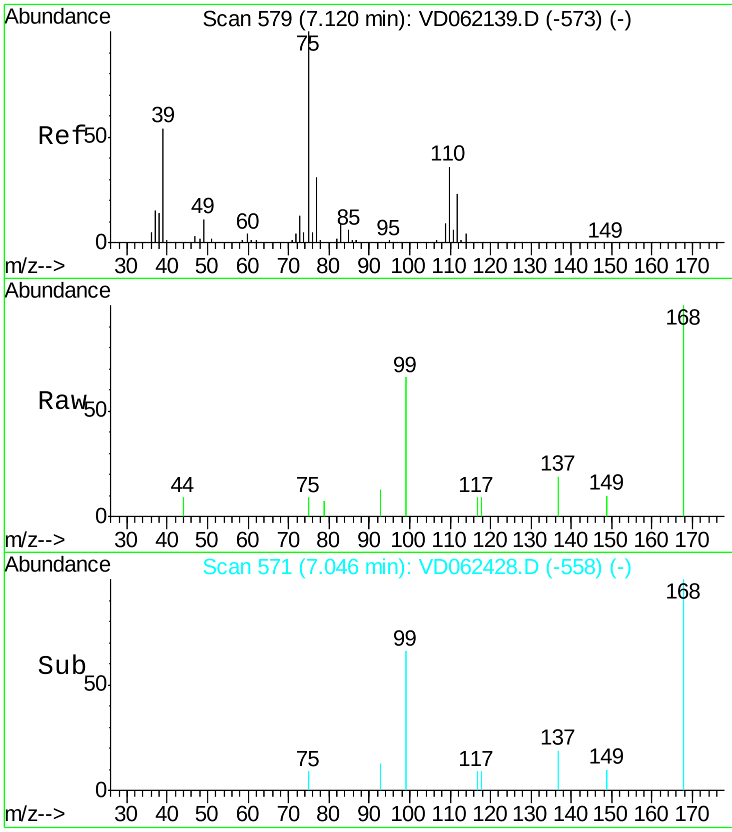


#35
Dibromofluoromethane
Concen: 48.083 ug/l
RT: 6.92 min   Scan# 558
Delta R.T.   0.02 min
Lab File: VD062428.D
Acq: 16 May 2019   20:15

Tgt Ion:113 Resp: 9921

Ion	Ratio	Lower	Upper
113	100		
111	108.1	78.5	117.7
192	17.9	13.0	19.4



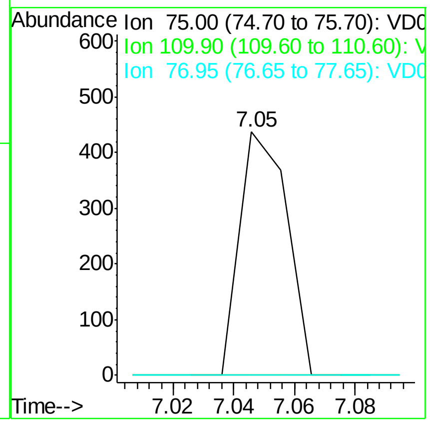


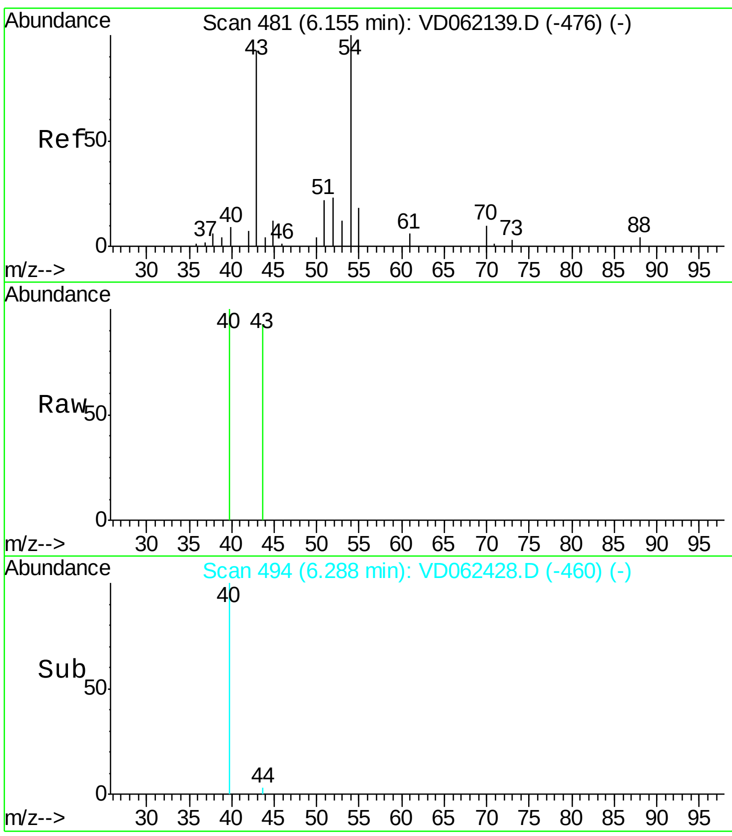
#36
1,1-Dichloropropene
Concen: 2.335 ug/l
RT: 7.05 min   Scan# 571
Delta R.T.   -0.07 min
Lab File: VD062428.D
Acq: 16 May 2019   20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion: 75 Resp: 476

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

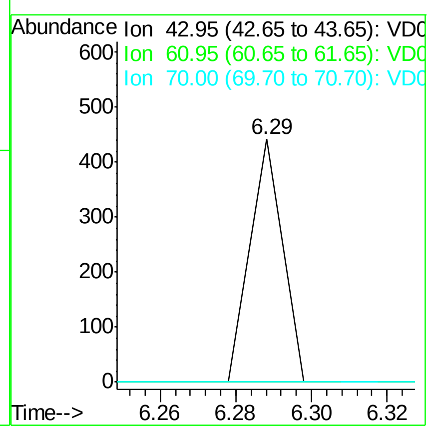


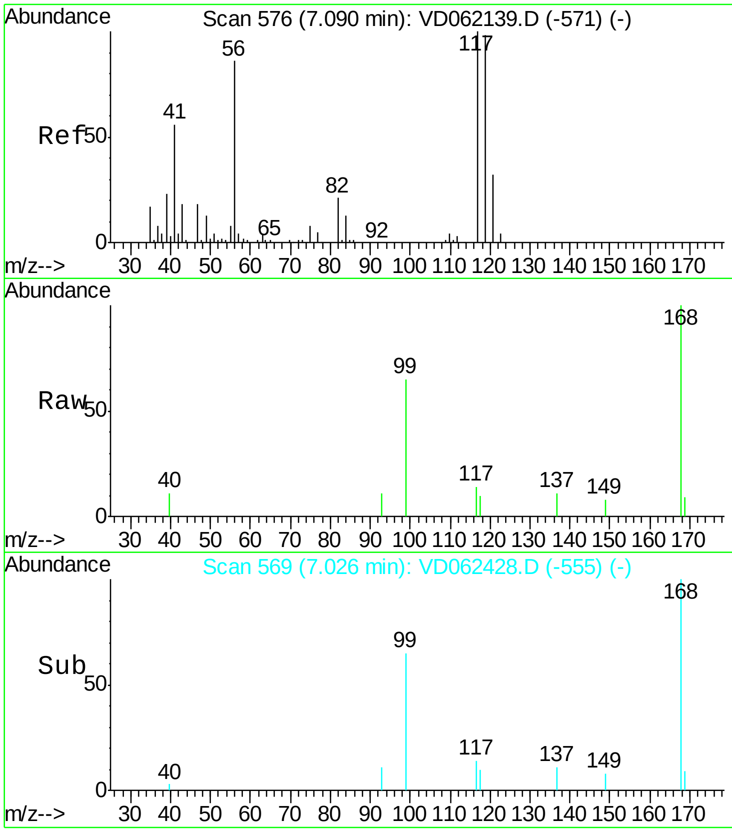


#37
Ethyl Acetate
Concen: 3.018 ug/l
RT: 6.29 min   Scan# 494
Delta R.T.   0.13 min
Lab File: VD062428.D
Acq: 16 May 2019   20:15

Tgt Ion: 43 Resp: 261

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



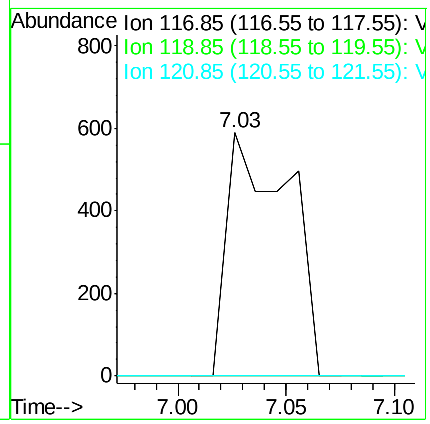


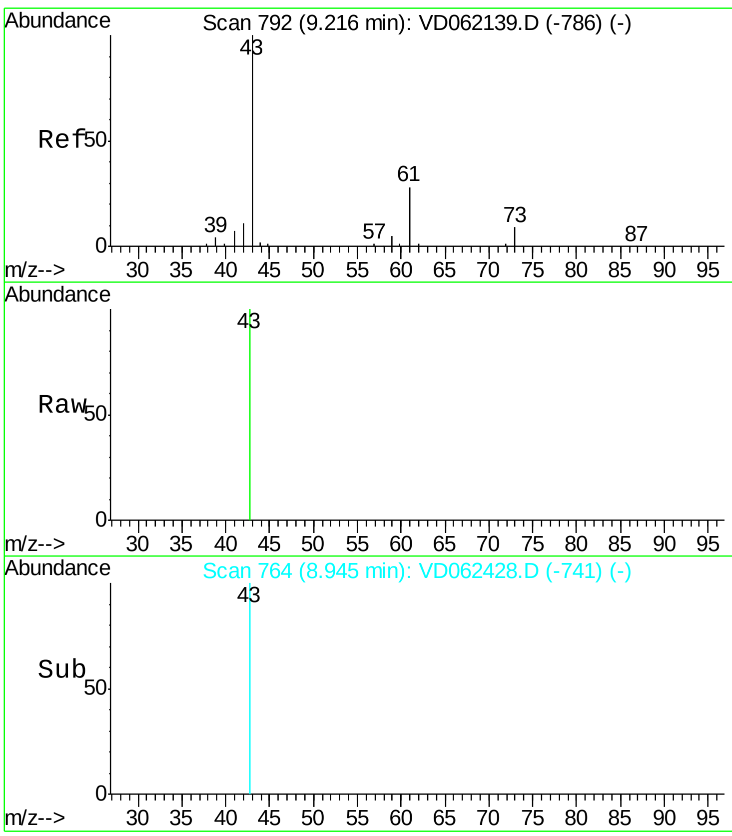
#38
Carbon Tetrachloride
Concen: 4.146 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument : MSVOA_D
ClientSampleId : HR-06-051519-A

Tgt Ion:117 Resp: 1170

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

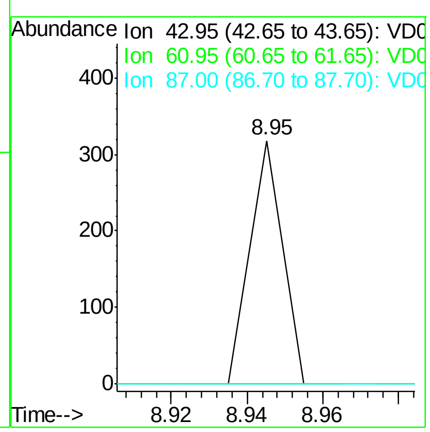


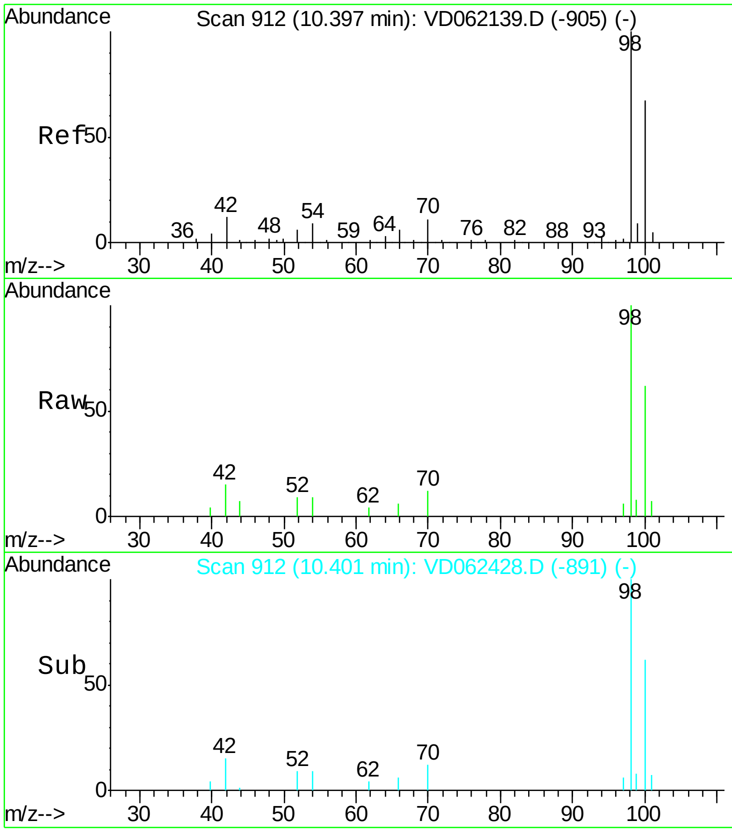


#43
Isopropyl Acetate
Concen: 1.533 ug/l
RT: 8.95 min Scan# 764
Delta R.T. -0.27 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

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



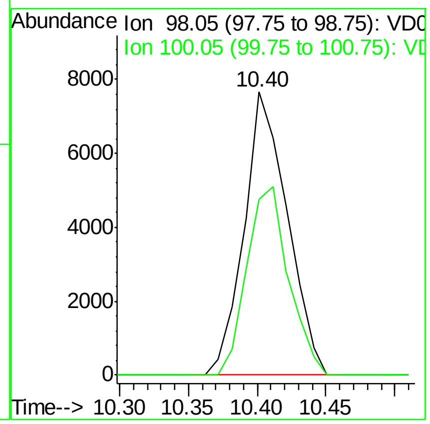


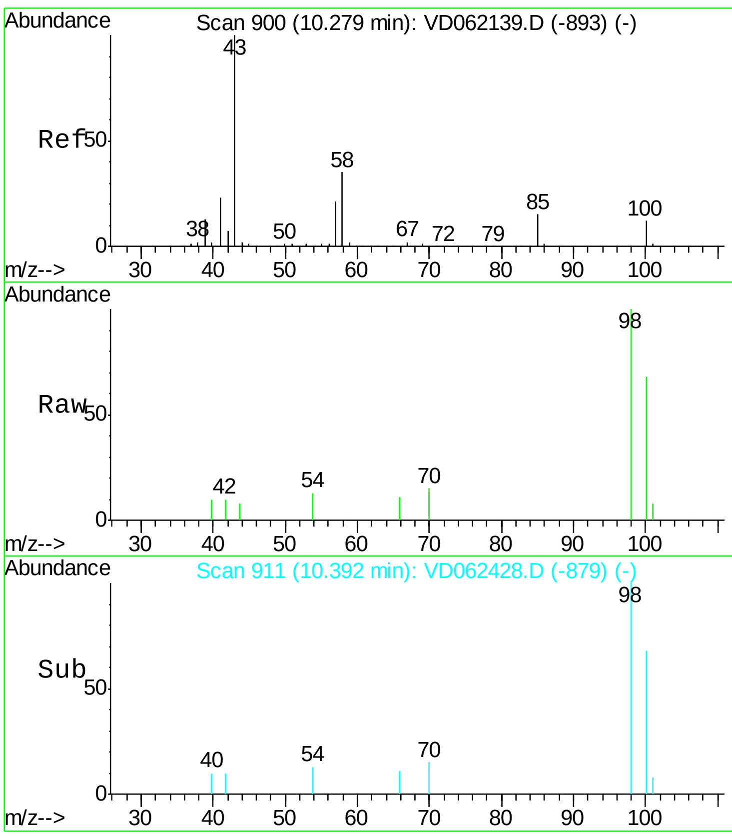
#50
Toluene-d8
Concen: 33.682 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion: 98 Resp: 16756

Ion	Ratio	Lower	Upper
98	100		
100	62.0	53.8	80.8

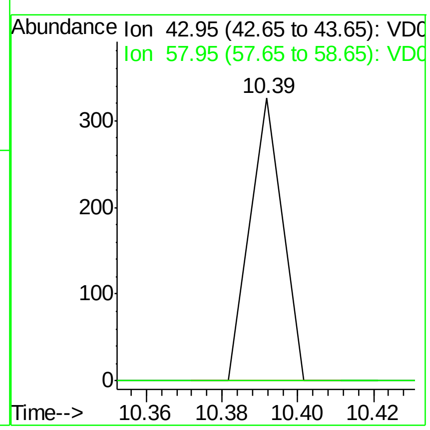


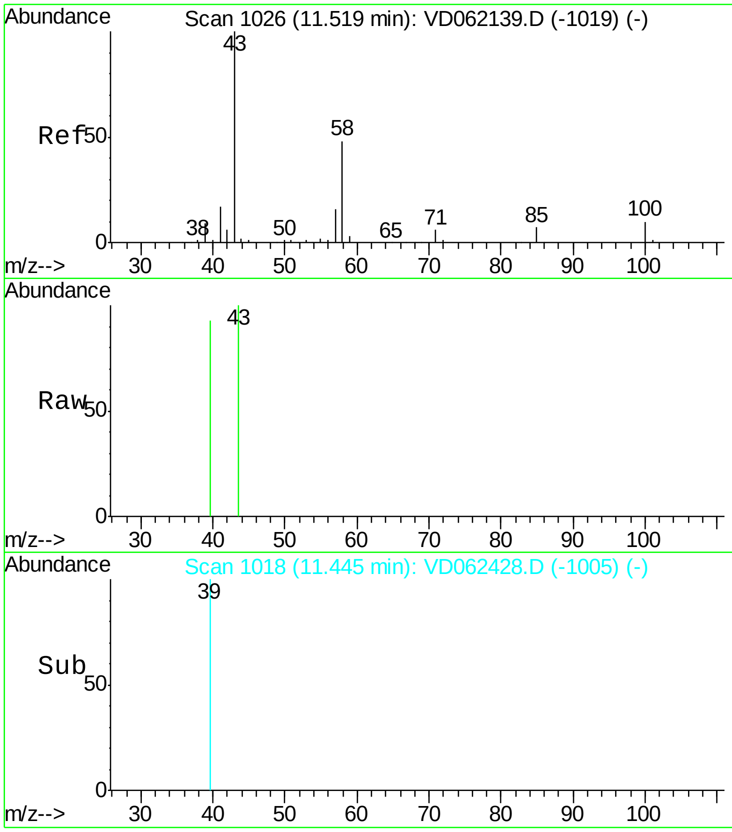


#51
4-Methyl-2-Pentanone
Concen: 2.448 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.11 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion: 43 Resp: 193

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#



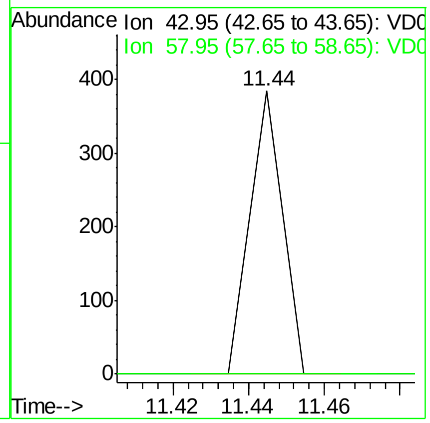


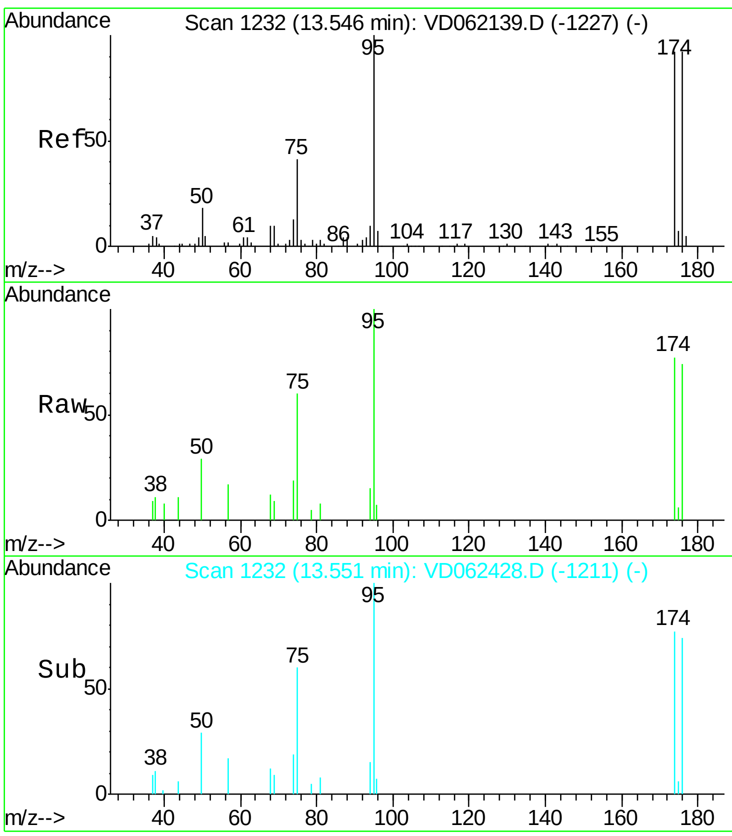
#59
2-Hexanone
Concen: 3.907 ug/l
RT: 11.44 min   Scan# 1018
Delta R.T.   -0.07 min
Lab File: VD062428.D
Acq: 16 May 2019   20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion: 43 Resp: 227

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#

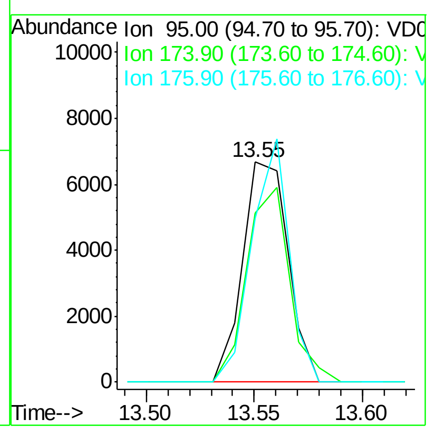


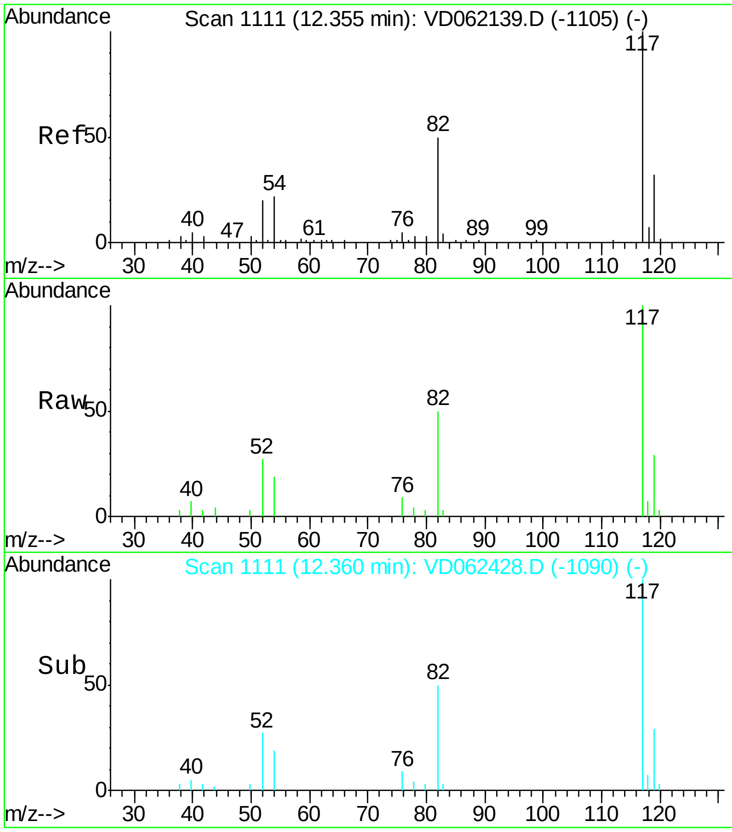


#62
4-Bromofluorobenzene
Concen: 48.706 ug/l
RT: 13.55 min   Scan# 1232
Delta R.T.   0.00 min
Lab File: VD062428.D
Acq: 16 May 2019   20:15

Tgt Ion: 95 Resp: 9730

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	181.8
176	74.4	0.0	174.4



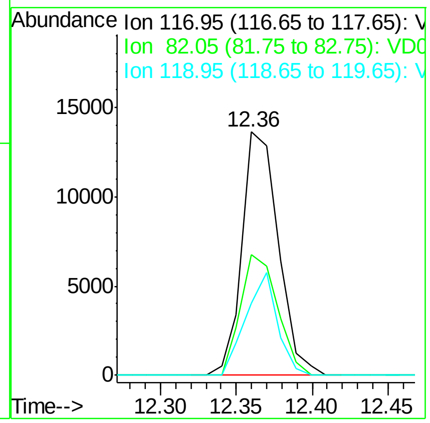


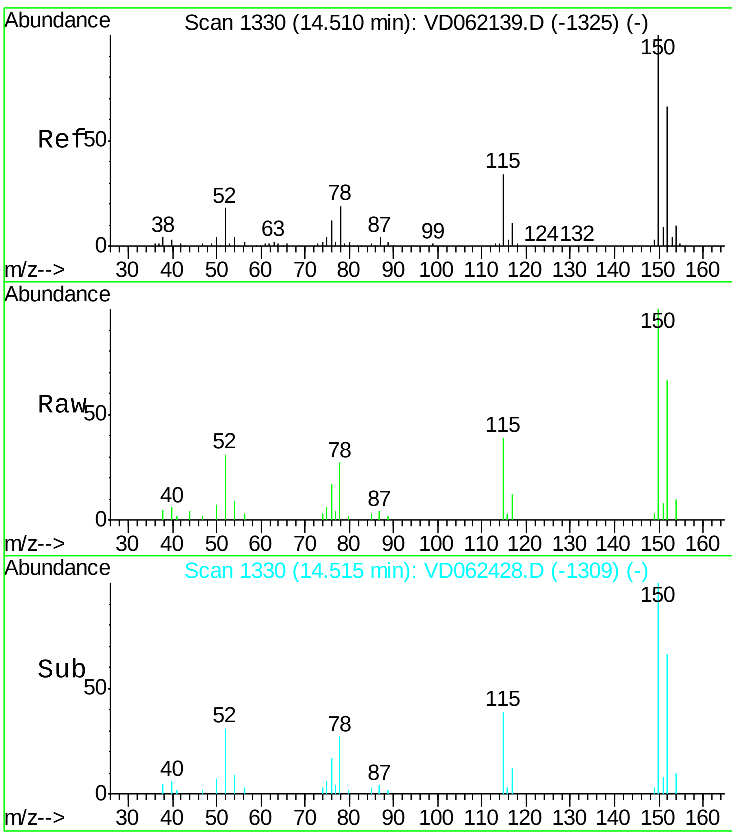
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion:117 Resp: 22742

Ion	Ratio	Lower	Upper
117	100		
82	52.4	36.2	54.2
119	29.4	26.2	39.4

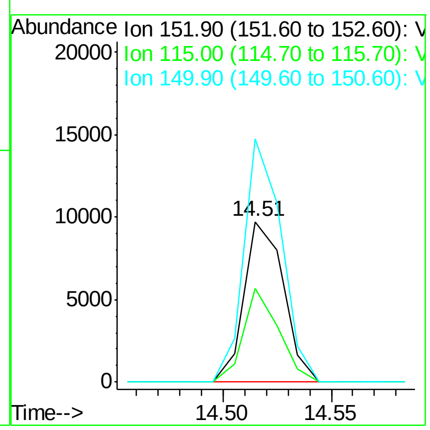


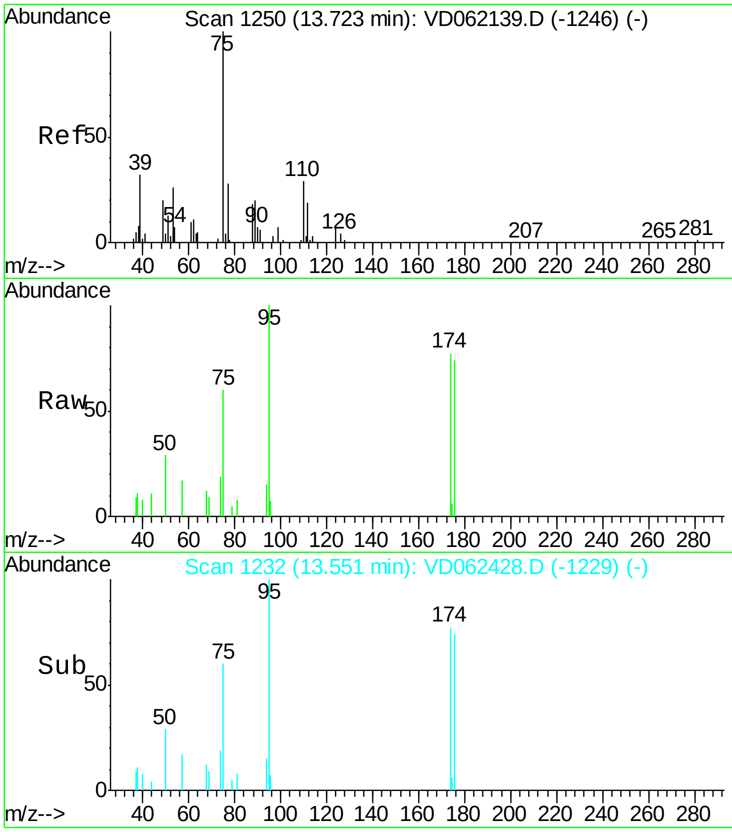


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion:152 Resp: 12500

Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.9	92.7
150	151.2	0.0	314.8



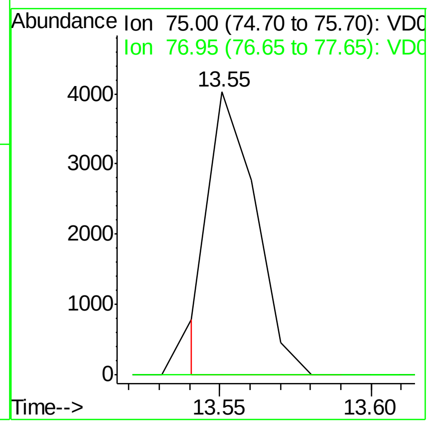


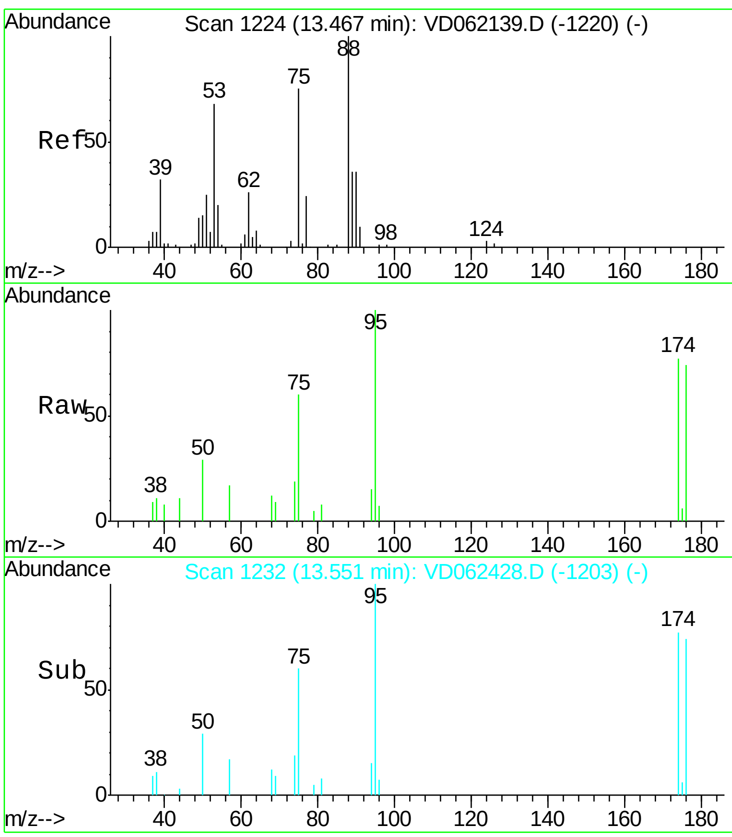
#76
1,2,3-Trichloropropane
Concen: 28.879 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion: 75 Resp: 4290

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#

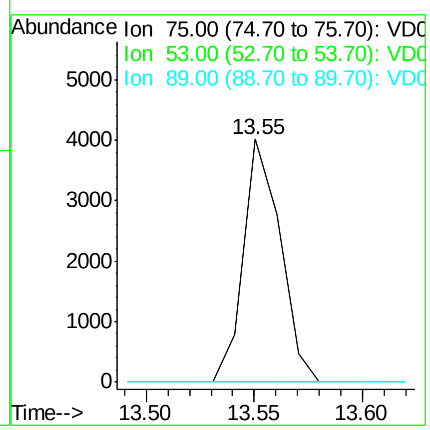


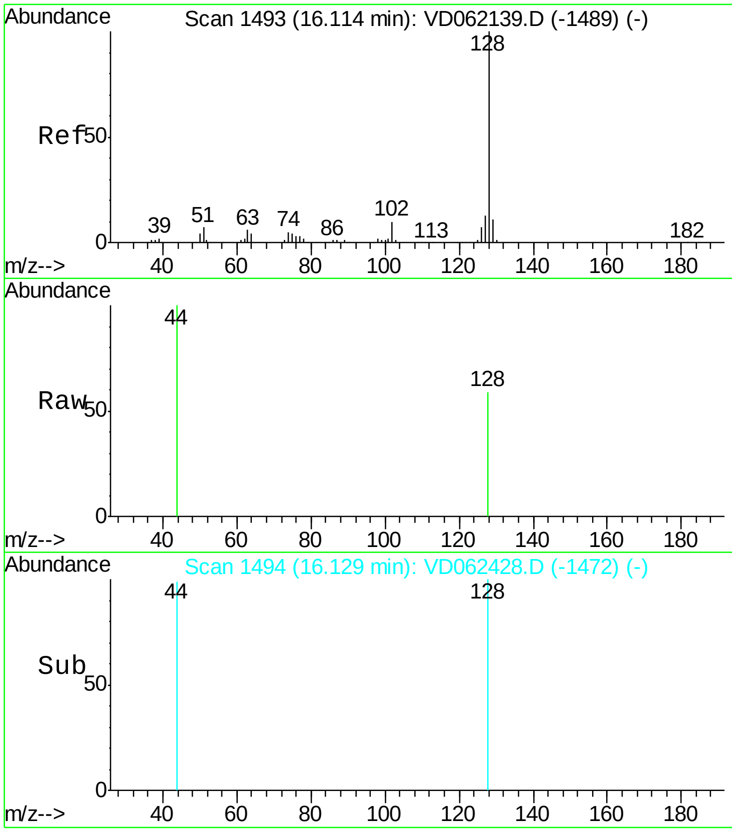


#81
trans-1,4-Dichloro-2-butene
Concen: 113.289 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Tgt Ion: 75 Resp: 4751

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





#95
Naphthalene
Concen: 1.740 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062428.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
HR-06-051519-A

Tgt Ion:128 Resp: 558

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