Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
Data File : VD065437.D
Acq On : 05 Mar 2020 18:03
Operator : VA/SY
Sample : L1364-03
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 06 03:50:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	488225	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	829809	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.65	117	743930	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297565	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.33	65	255880	61.10 ug/l	0.00
Spiked Amount 50.000			Recovery	= 122.20%	
35) Dibromofluoromethane	7.92	113	269011	52.42 ug/l	0.00
Spiked Amount 50.000			Recovery	= 104.84%	
50) Toluene-d8	10.34	98	1006947	51.15 ug/l	0.00
Spiked Amount 50.000			Recovery	= 102.30%	
62) 4-Bromofluorobenzene	12.64	95	279127	45.93 ug/l	0.00
Spiked Amount 50.000			Recovery	= 91.86%	
Target Compounds					Qvalue
5) Bromomethane	2.79	94	243	Below Cal	91
20) Methylene Chloride	4.97	84	5728	Below Cal #	89
31) Cyclohexane	7.99	56	9447	1.136 ug/l #	1
36) 1,1-Dichloropropene	7.98	75	35699	4.488 ug/l #	49
38) Carbon Tetrachloride	7.98	117	45324	5.495 ug/l #	19
51) 4-Methyl-2-Pentanone	10.35	43	3844	1.346 ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	139101	59.242 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	139101	125.017 ug/l #	14
95) Naphthalene	15.41	128	958	4.498 ug/l #	76

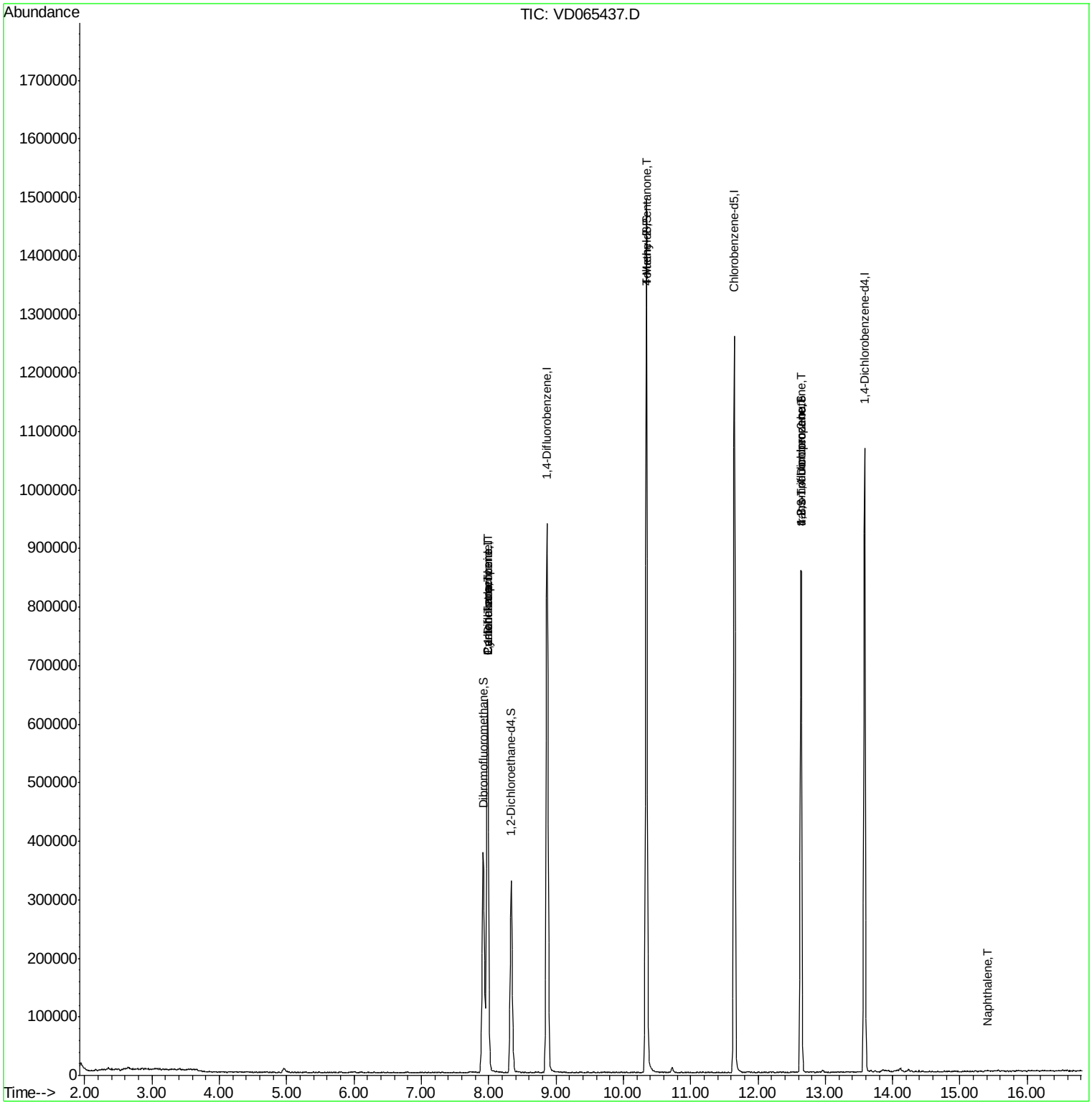
(#) = qualifier out of range (m) = manual integration (+) = signals summed

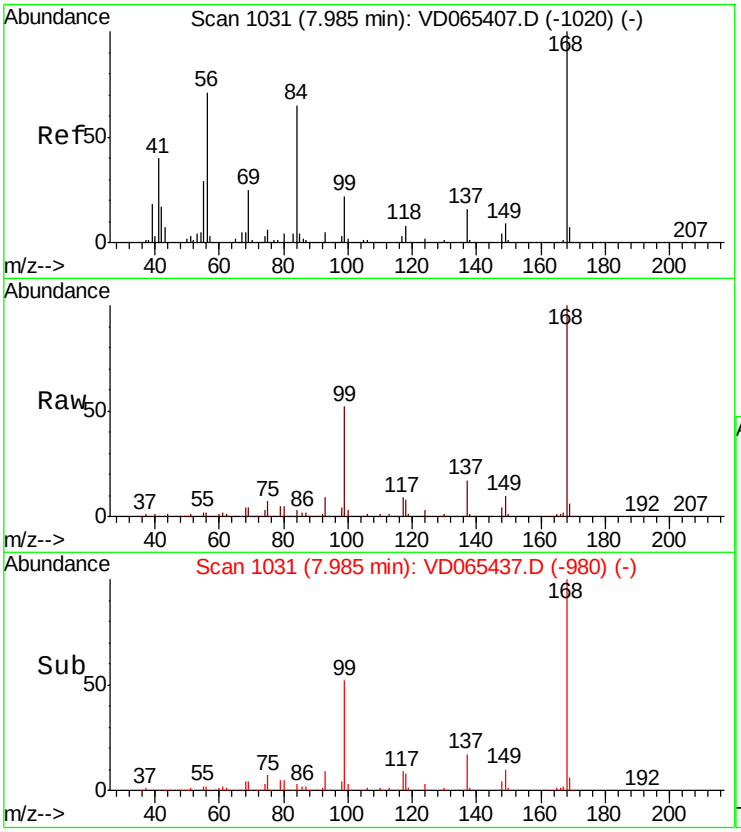
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
Data File : VD065437.D
Acq On : 05 Mar 2020 18:03
Operator : VA/SY
Sample : L1364-03
Misc : 6.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 06 03:50:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration



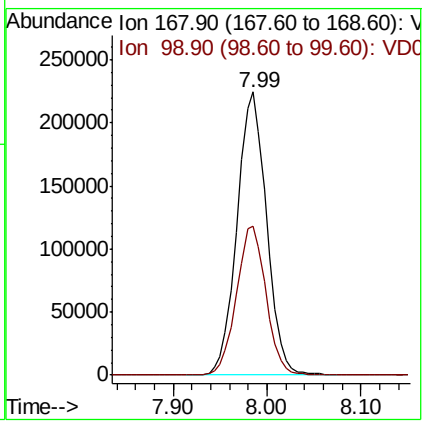


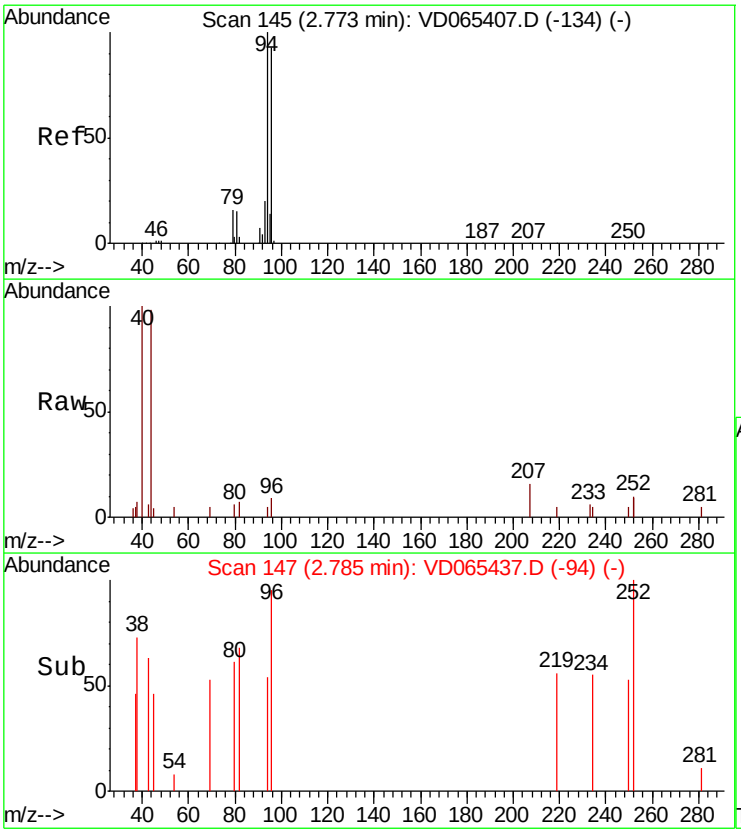
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 488225

Ion	Ratio	Lower	Upper
168	100		
99	52.4	41.5	62.3

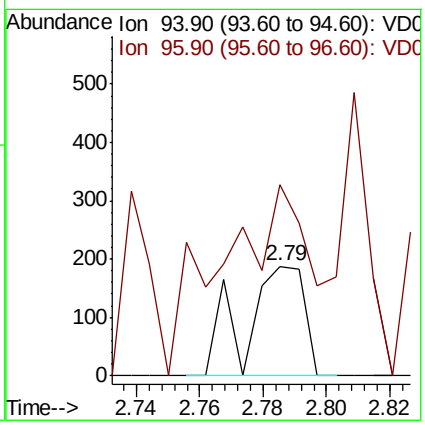


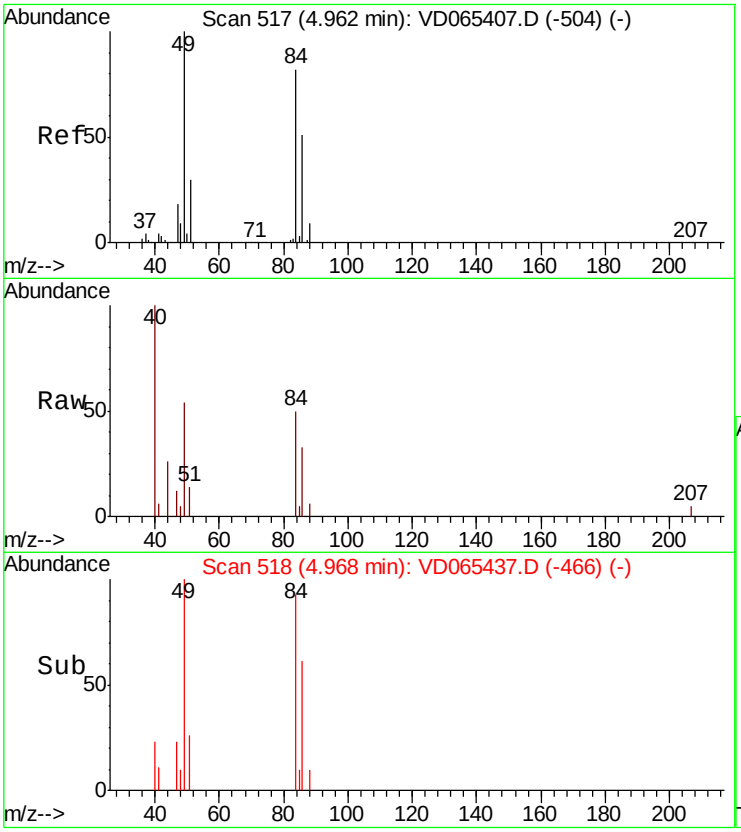


#5
Bromomethane
Concen: Below Cal
RT: 2.79 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion: 94 Resp: 243

Ion	Ratio	Lower	Upper
94	100		
96	84.5	74.4	111.6



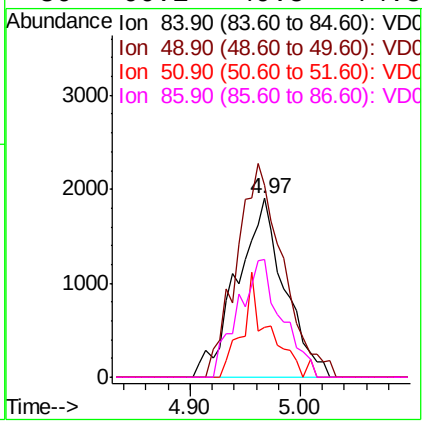


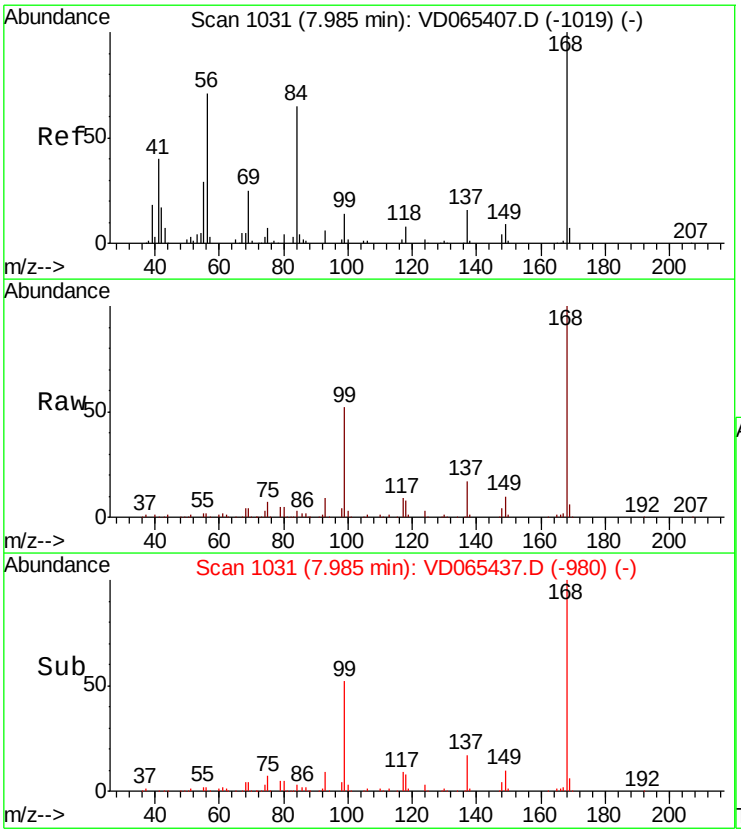
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 5728

Ion	Ratio	Lower	Upper
84	100		
49	107.5	97.7	146.5
51	28.3	28.8	43.2#
86	66.1	49.5	74.3

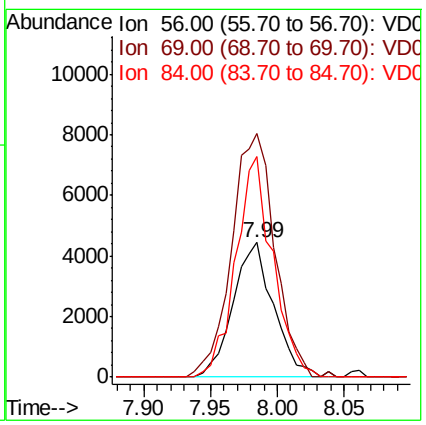


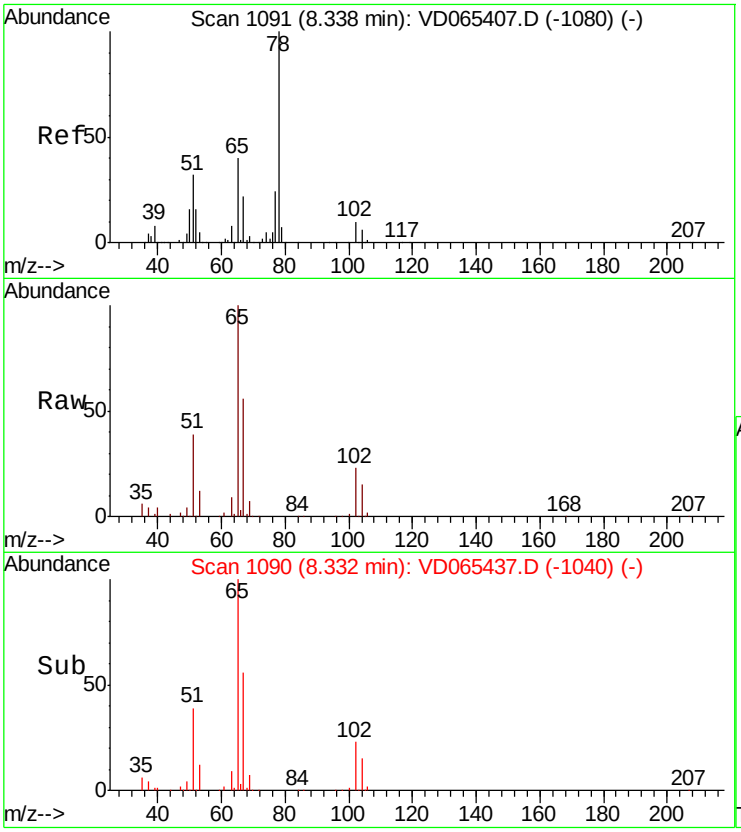


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion: 56 Resp: 9447

Ion	Ratio	Lower	Upper
56	100		
69	180.9	28.3	42.5#
84	163.9	73.1	109.7#



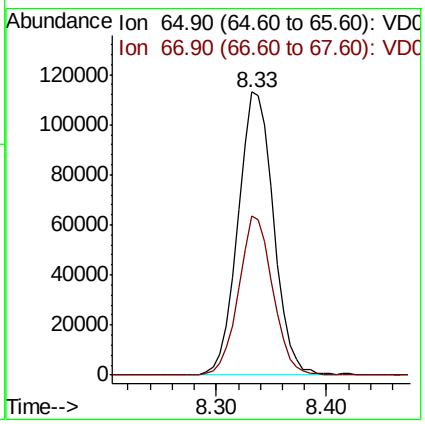


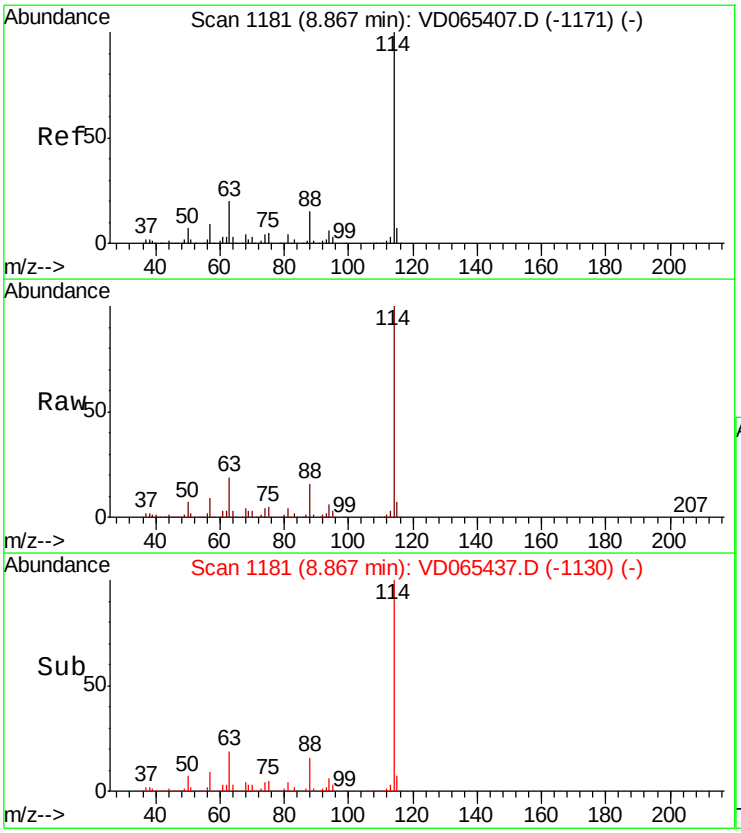
#33
1,2-Dichloroethane-d4
Concen: 61.098 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 255880

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.0

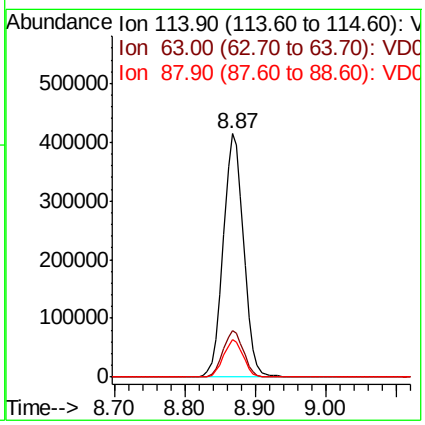


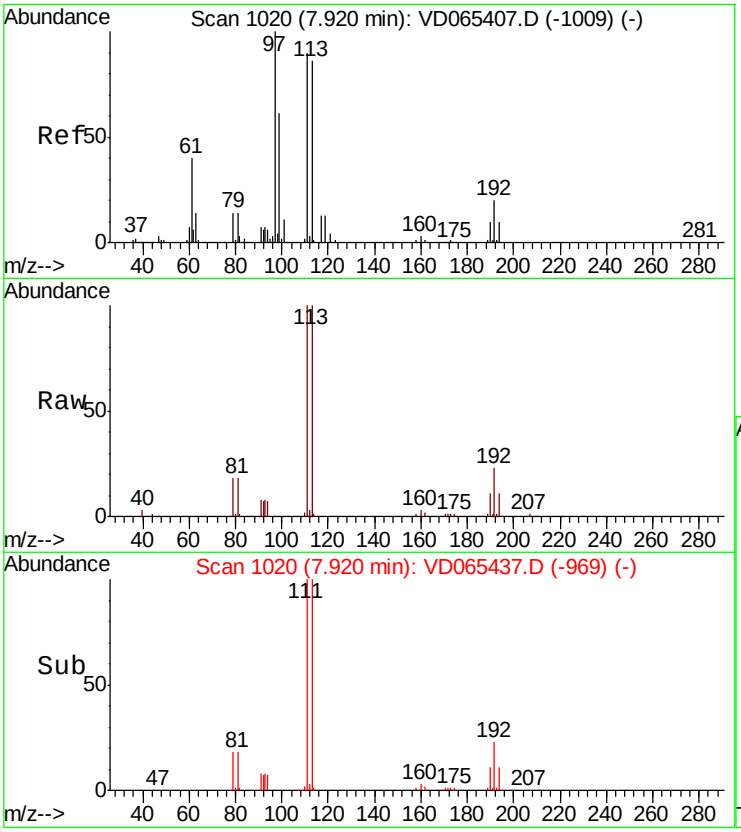


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion:114 Resp: 829809

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	15.5	0.0	30.4



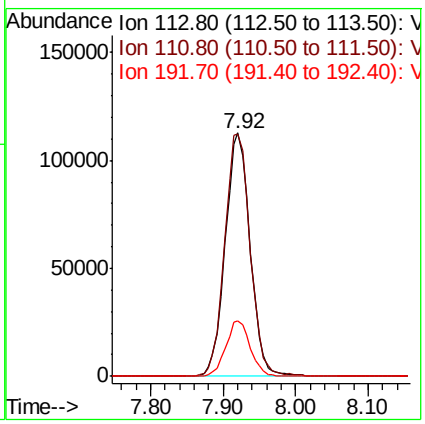


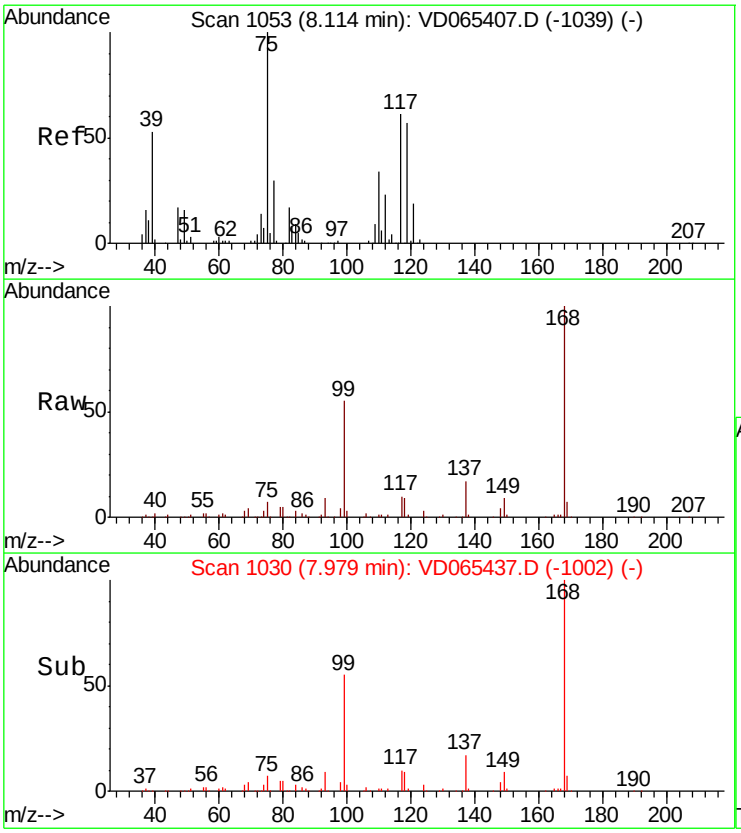
#35
Dibromofluoromethane
Concen: 52.423 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 269011

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.1	123.1
192	22.4	17.2	25.8

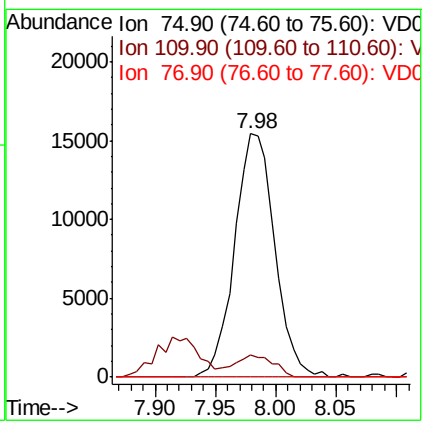


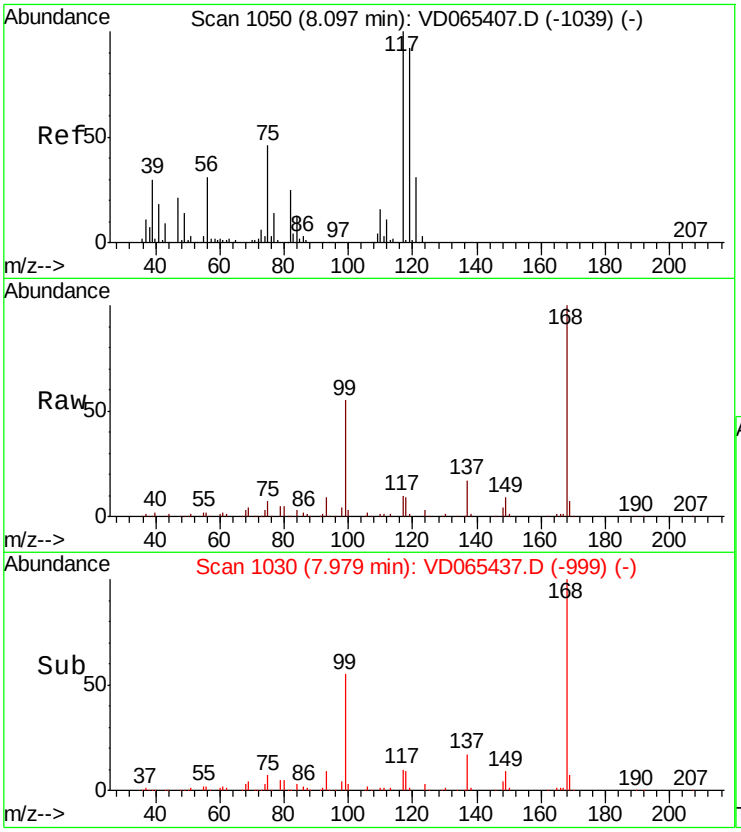


#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion: 75 Resp: 35699

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.0	25.2	37.8#



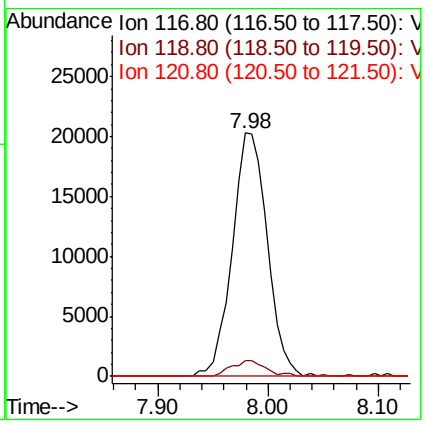


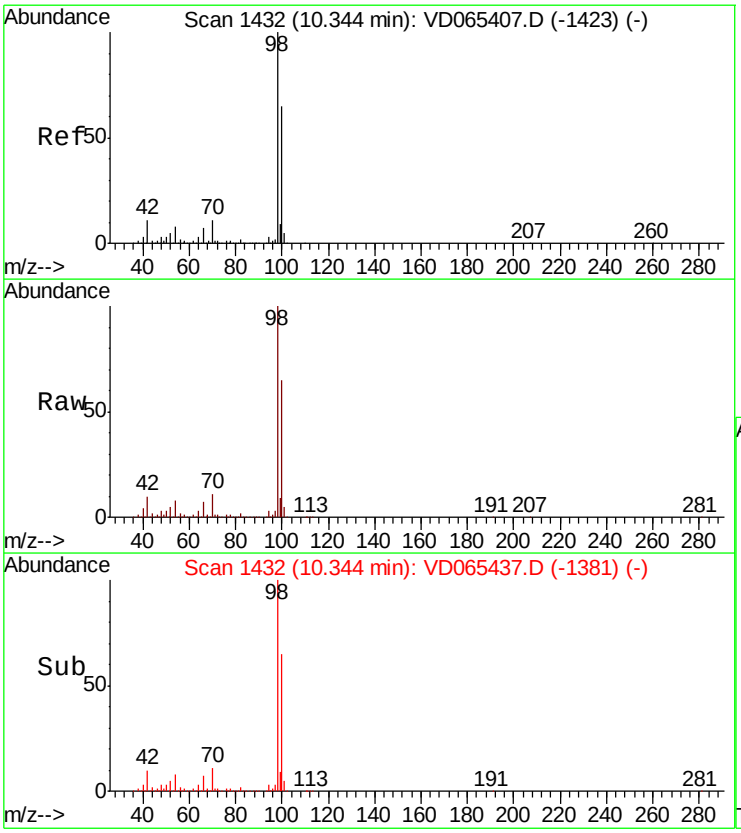
#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 45324

Ion	Ratio	Lower	Upper
117	100		
119	6.3	73.3	109.9#
121	0.0	25.0	37.4#

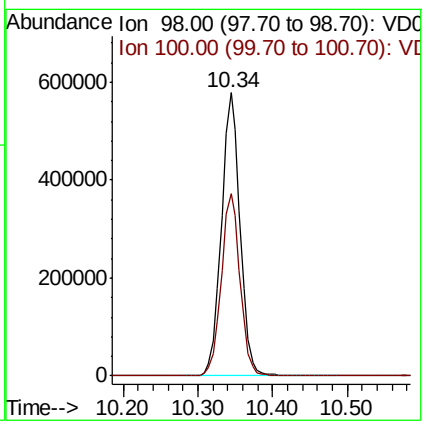


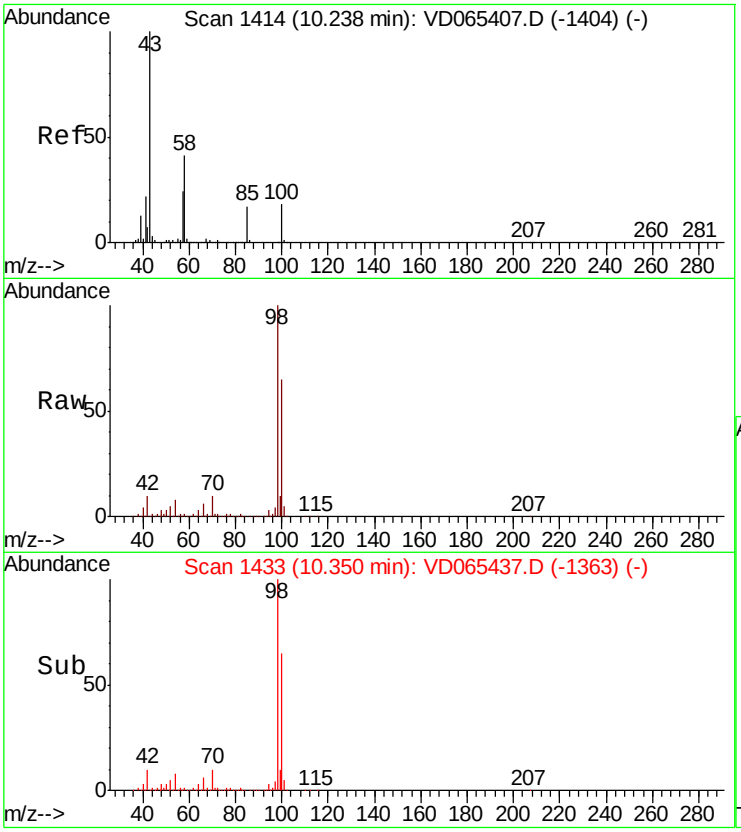


#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion: 98 Resp: 1006947

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2



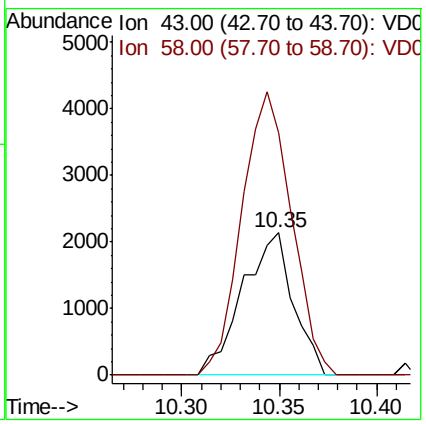


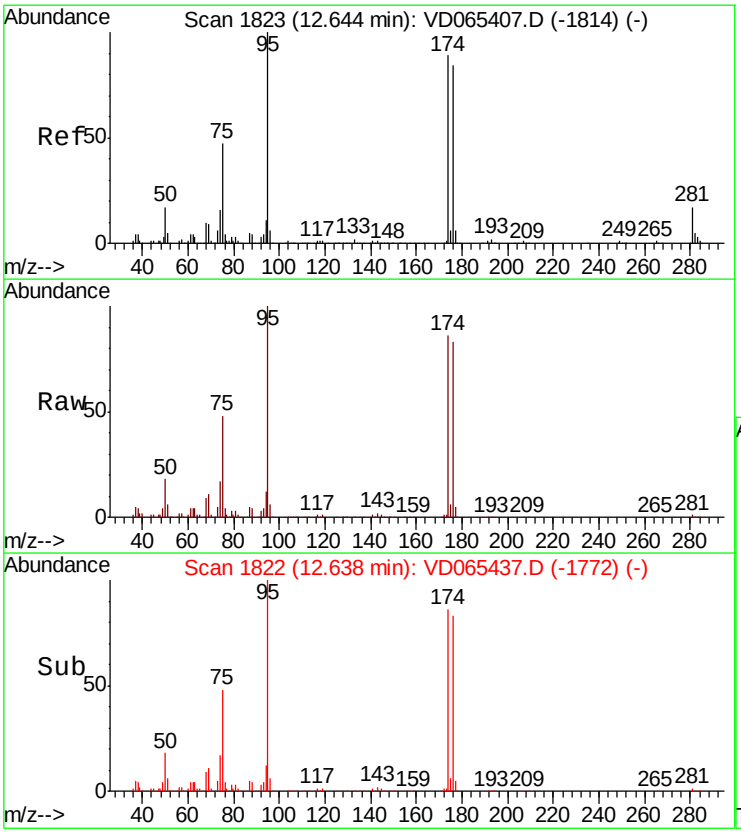
#51
4-Methyl-2-Pentanone
Concen: 1.346 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.11 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3844

Ion	Ratio	Lower	Upper
43	100		
58	195.4	31.8	47.6#

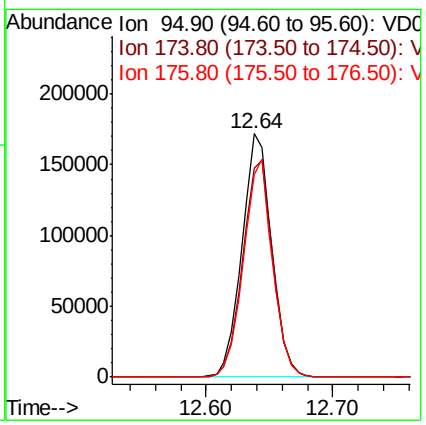


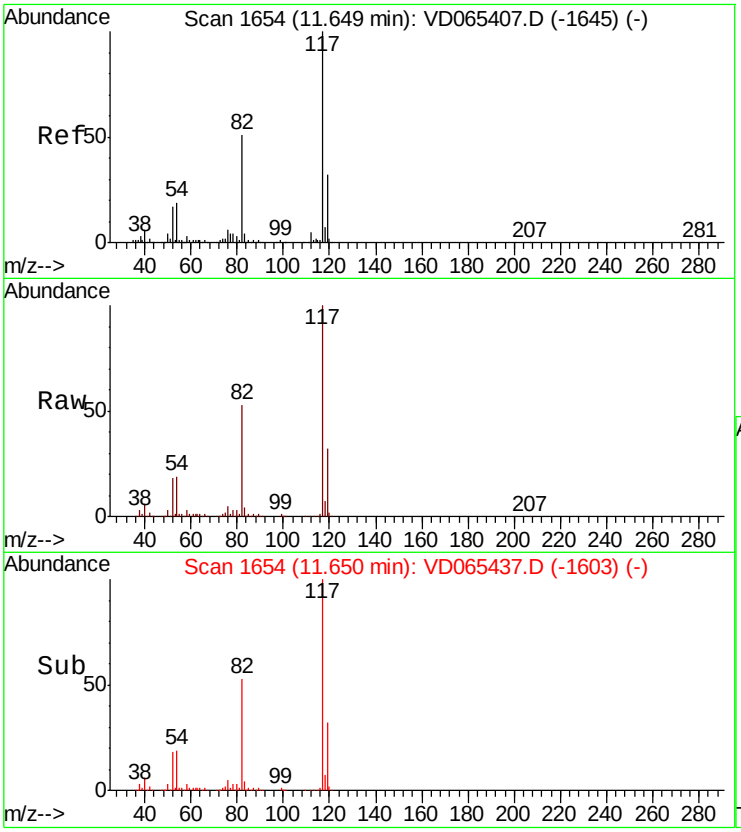


#62
4-Bromofluorobenzene
Concen: 45.928 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion: 95 Resp: 279127

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	176.8
176	87.4	0.0	171.4



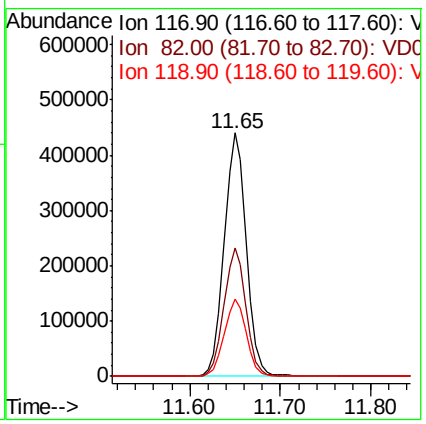


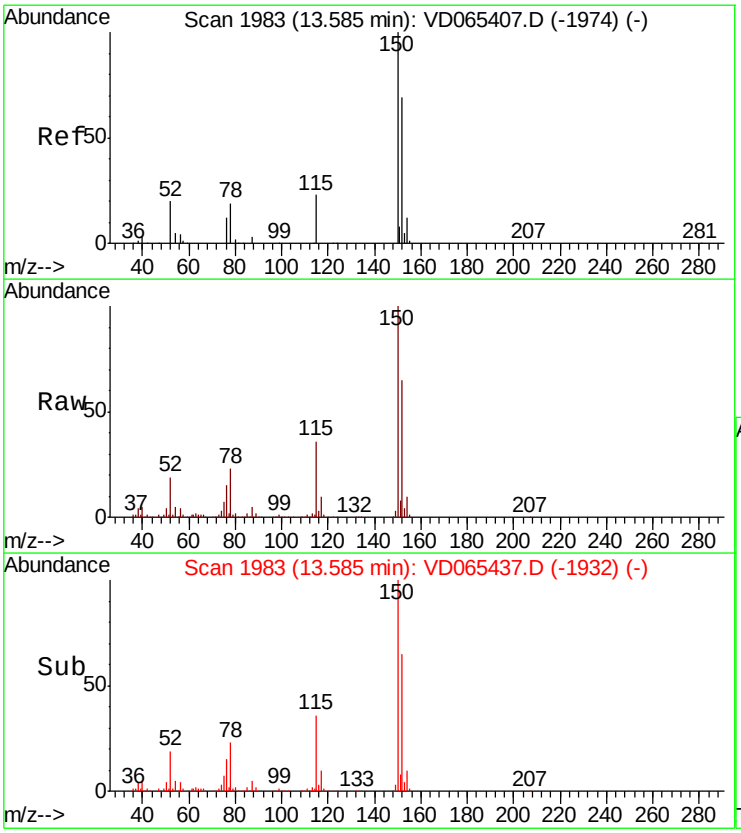
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 743930

Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.6	60.8
119	32.0	25.4	38.2

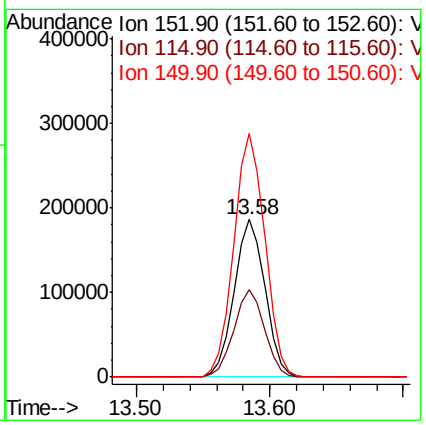


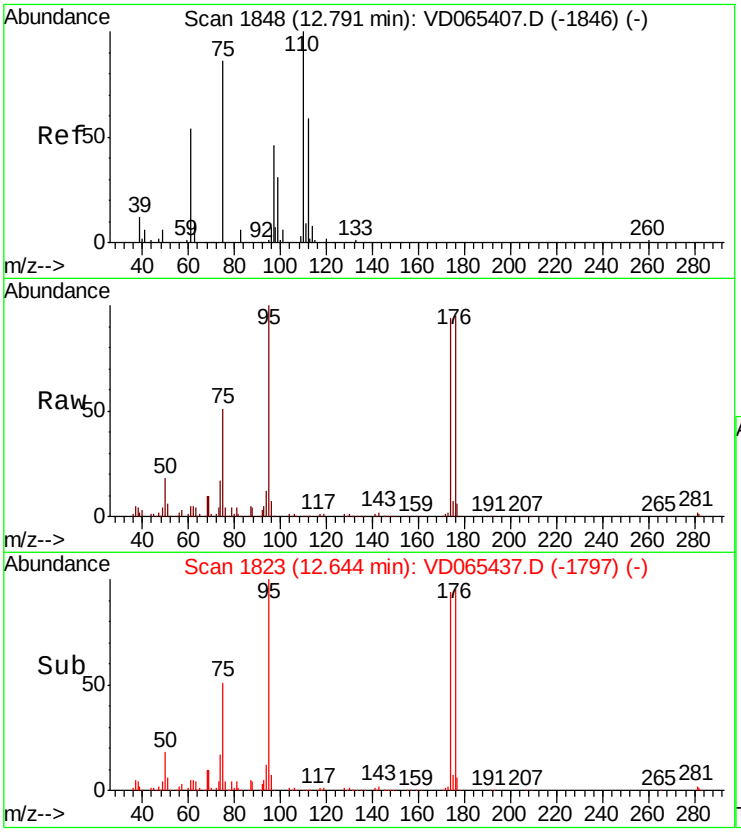


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion:152 Resp: 297565

Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.6	82.8
150	156.2	0.0	345.0



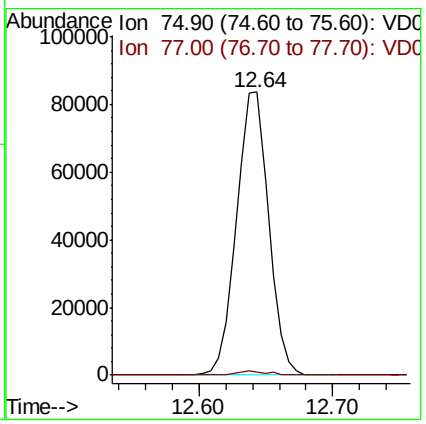


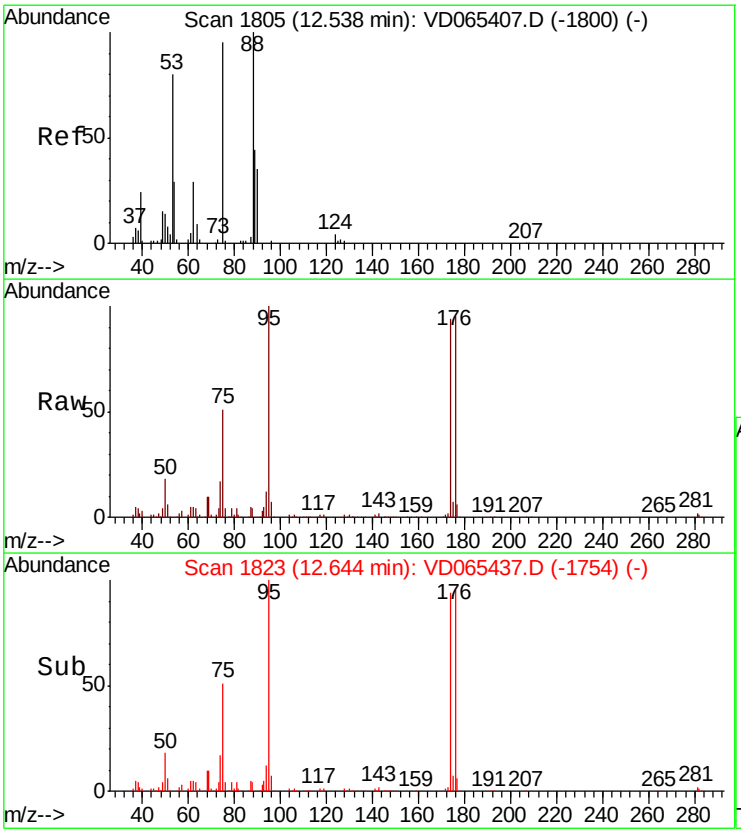
#76
1,2,3-Trichloropropane
Concen: 59.242 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 139101

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

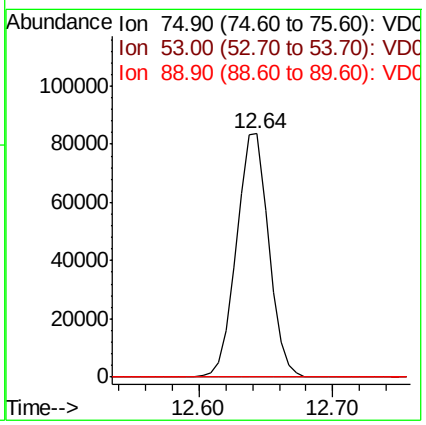


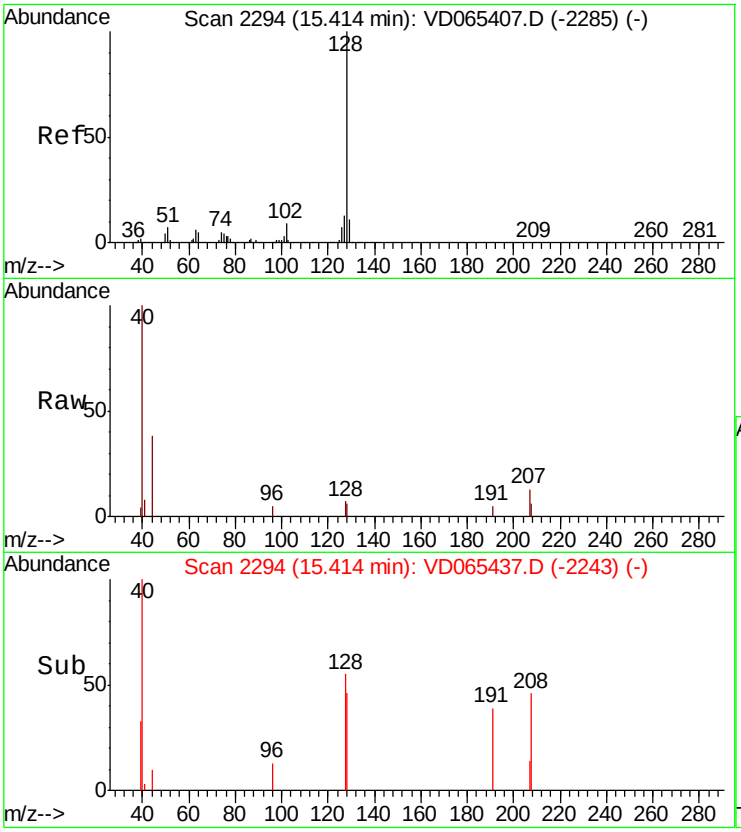


#81
trans-1,4-Dichloro-2-butene
Concen: 125.017 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Tgt Ion: 75 Resp: 139101

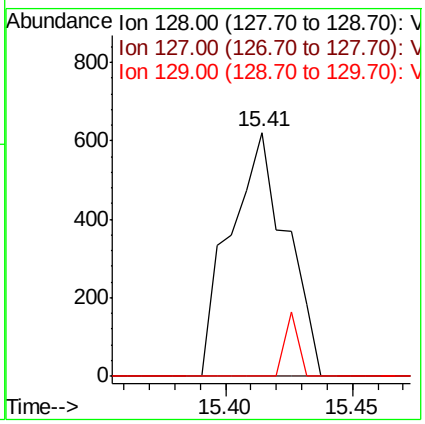
Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.3	106.9#
89	0.0	37.0	55.6#





#95
Naphthalene
Concen: 4.498 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065437.D
Acq: 05 Mar 2020 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 958

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	6.1	8.7	13.1#