Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111620\
Data File : VD067638.D
Acq On : 16 Nov 2020 14:02
Operator : VA/SY
Sample : L4746-01
Misc : 6.82G/5.01ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Quant Time: Nov 17 01:07:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	10775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	17697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	19480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	8206	87.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 174.20%			
35) Dibromofluoromethane	7.91	113	5756	53.98	ug/l	-0.01
Spiked Amount 50.000			Recovery = 107.96%			
50) Toluene-d8	10.34	98	20076	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
62) 4-Bromofluorobenzene	12.63	95	8258	63.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 127.68%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	222	3.309	ug/l #	41
5) Bromomethane	2.80	94	714	11.776	ug/l	92
10) Methyl Iodide	4.31	142	326	3.111	ug/l #	61
16) Acetone	4.16	43	323	22.910	ug/l #	43
18) Methyl Acetate	4.92	43	75	2.574	ug/l #	41
20) Methylene Chloride	4.96	84	169	1.697	ug/l #	14
25) 2-Butanone	7.02	43	67	4.447	ug/l #	42
31) Cyclohexane	8.00	56	144	1.054	ug/l #	12
36) 1,1-Dichloropropene	7.97	75	917	6.053	ug/l #	39
37) Ethyl Acetate	7.02	43	67	1.704	ug/l #	63
38) Carbon Tetrachloride	7.99	117	1239	6.295	ug/l #	12
59) 2-Hexanone	10.88	43	63	2.422	ug/l #	20
71) Bromoform	12.63	173	76	1.008	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	3863	58.635	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	3863	119.045	ug/l #	10
95) Naphthalene	15.40	128	320	1.067	ug/l #	69

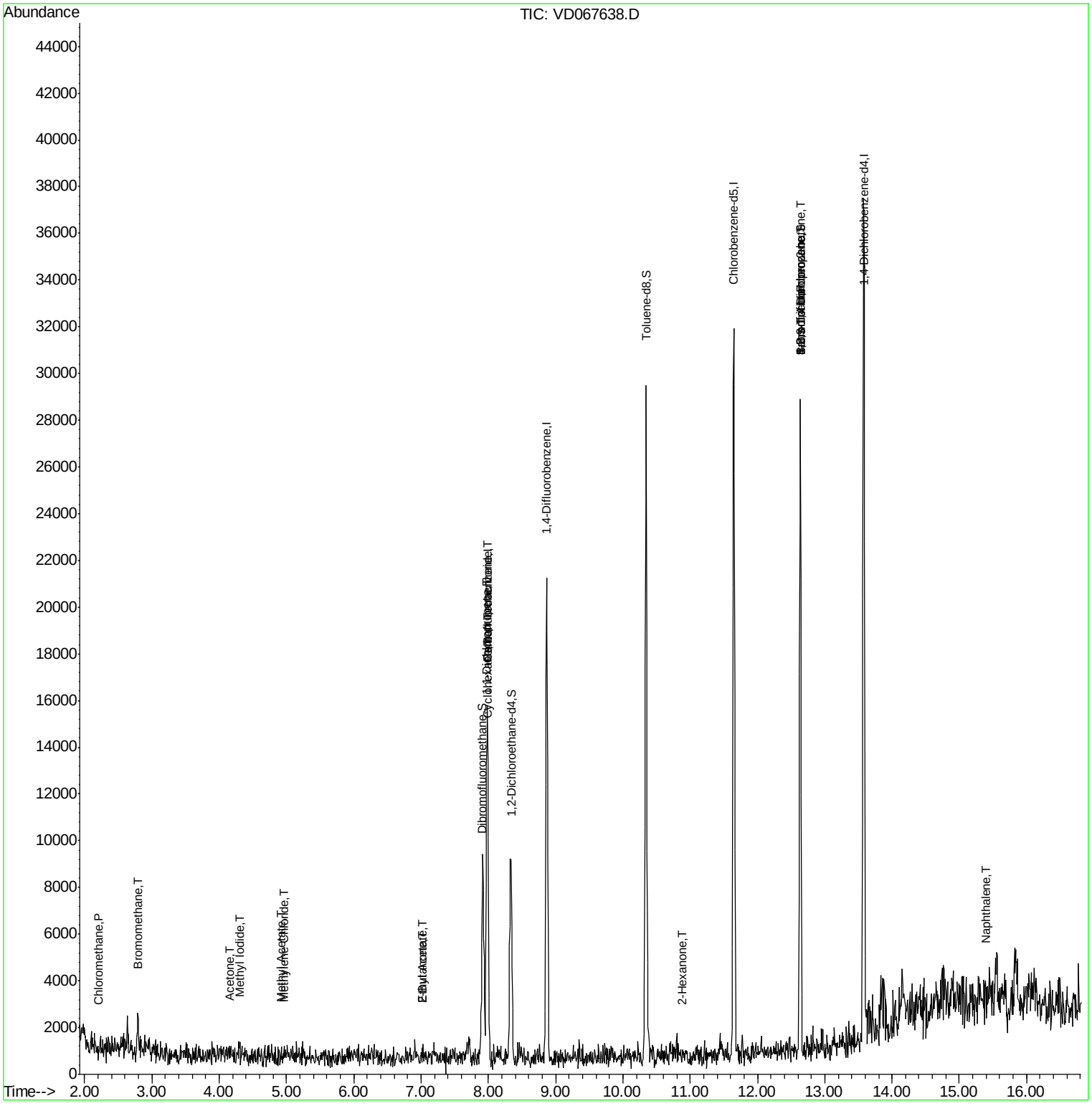
(#) = qualifier out of range (m) = manual integration (+) = signals summed

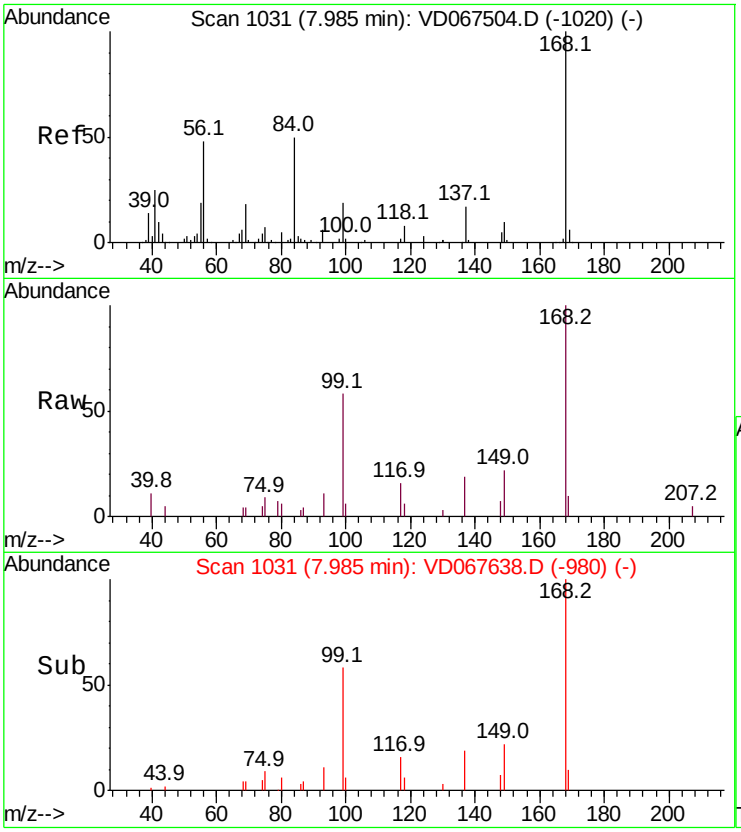
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
Data File : VD067638.D
Acq On : 16 Nov 2020 14:02
Operator : VA/SY
Sample : L4746-01
Misc : 6.82G/5.01ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Quant Time: Nov 17 01:07:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration



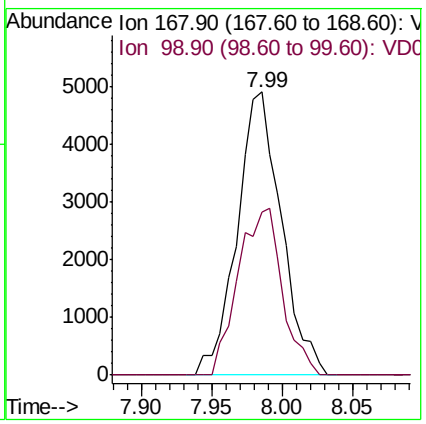


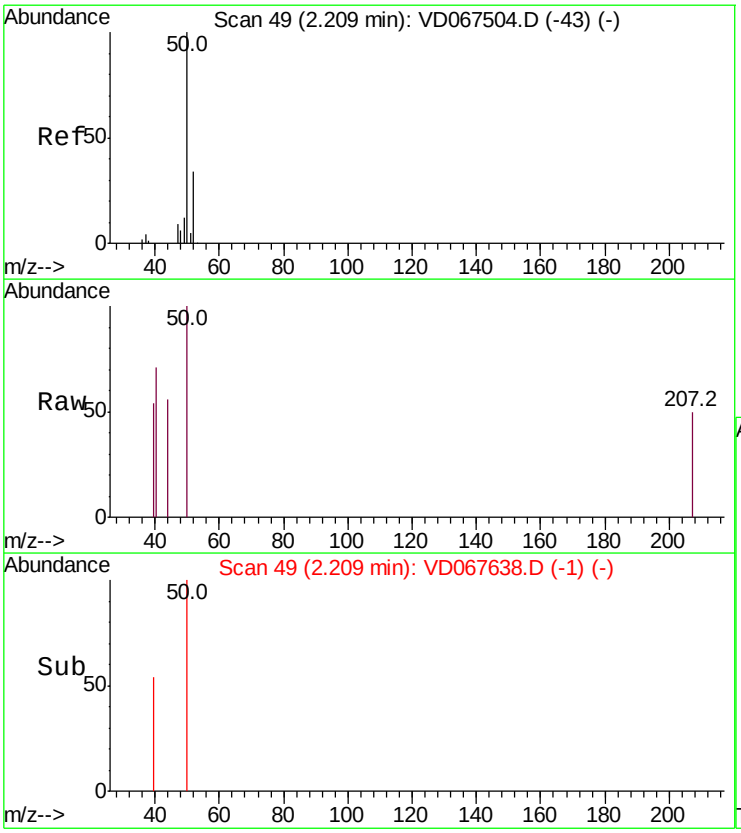
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Tgt Ion:168 Resp: 10775

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.0	67.6

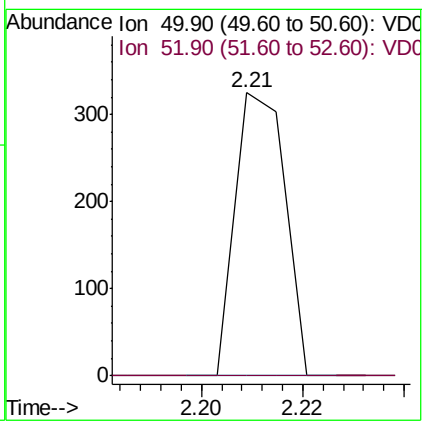


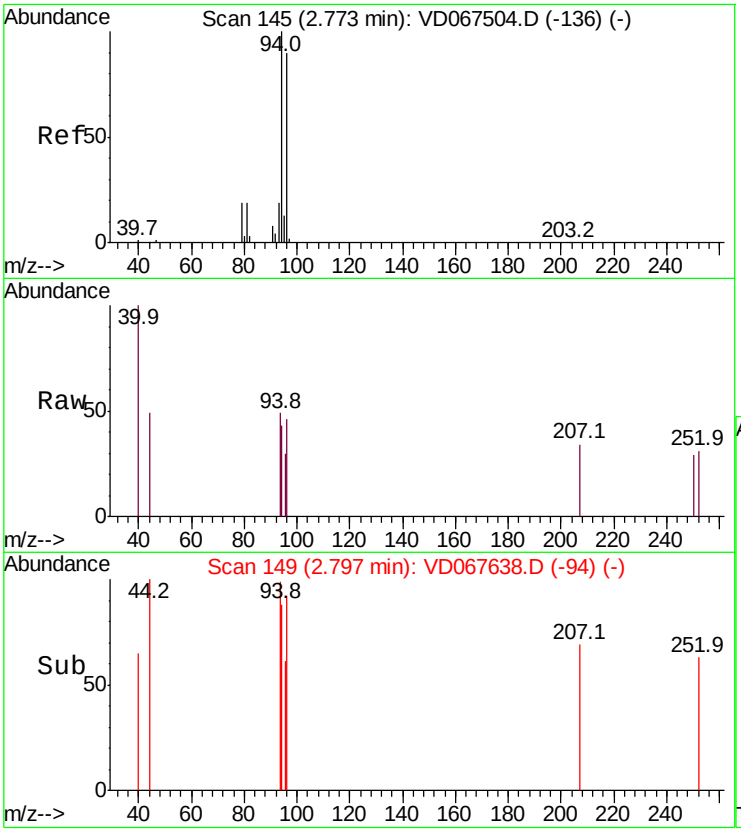


#3
Chloromethane
Concen: 3.309 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 50 Resp: 222

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#



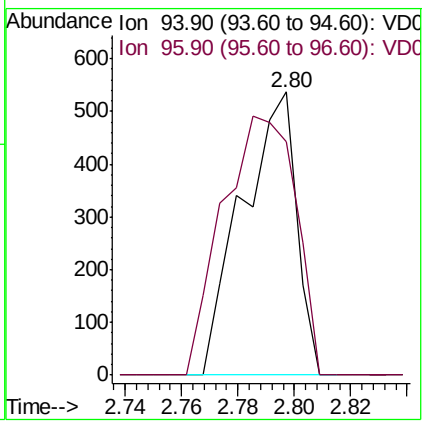


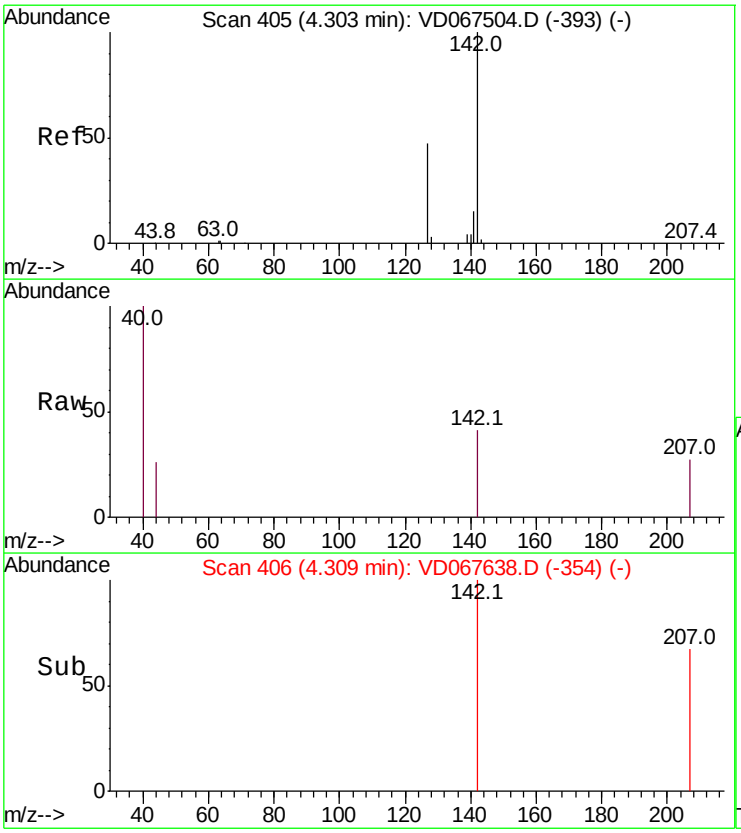
#5
Bromomethane
Concen: 11.776 ug/l
RT: 2.80 min Scan# 149
Delta R.T. 0.02 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion: 94 Resp: 714

Ion	Ratio	Lower	Upper
94	100		
96	82.3	72.2	108.2

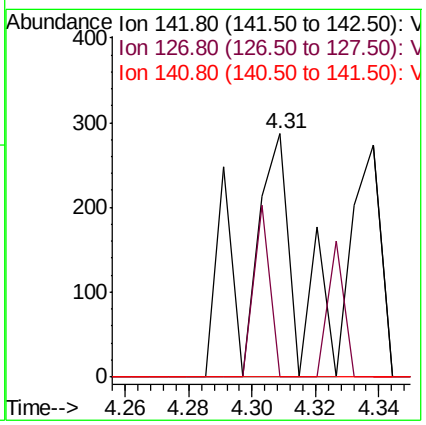


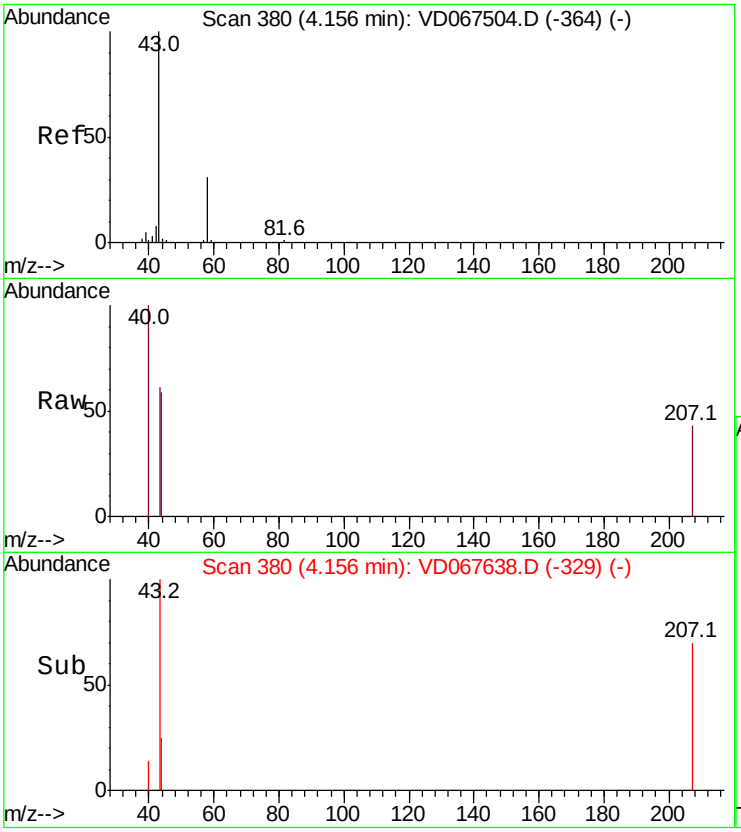


#10
Methyl Iodide
Concen: 3.111 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion:142 Resp: 326

Ion	Ratio	Lower	Upper
142	100		
127	22.1	40.0	60.0#
141	0.0	11.7	17.5#



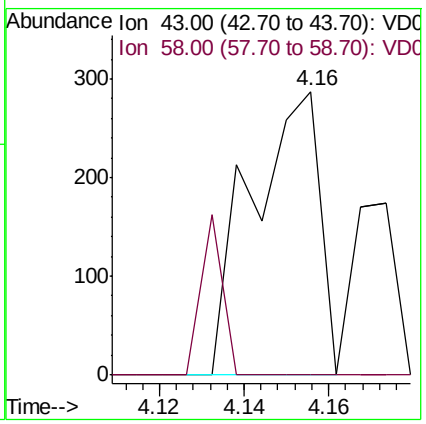


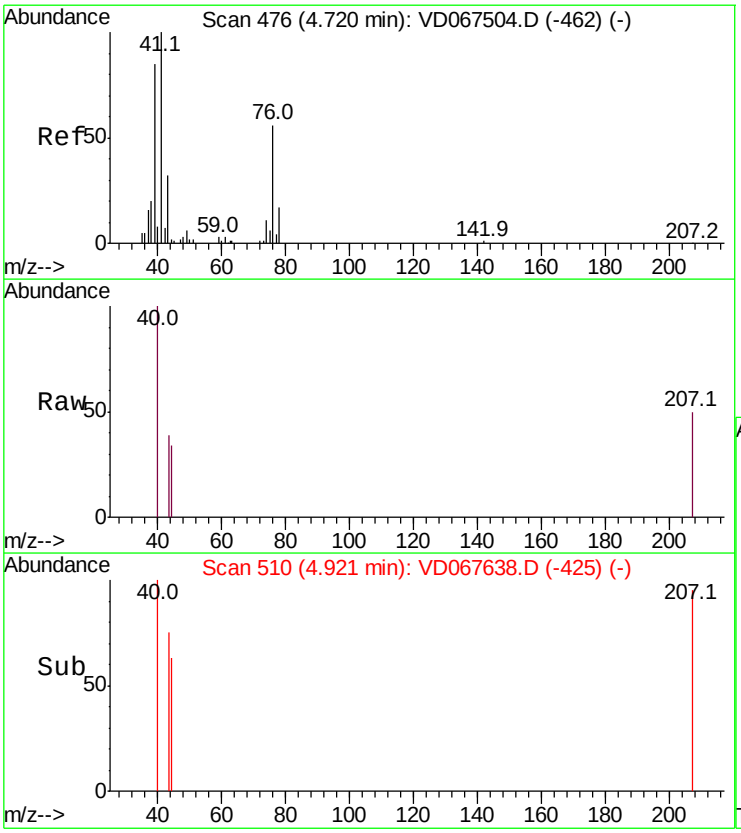
#16
Acetone
Concen: 22.910 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Tgt Ion: 43 Resp: 323

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.2	37.8#

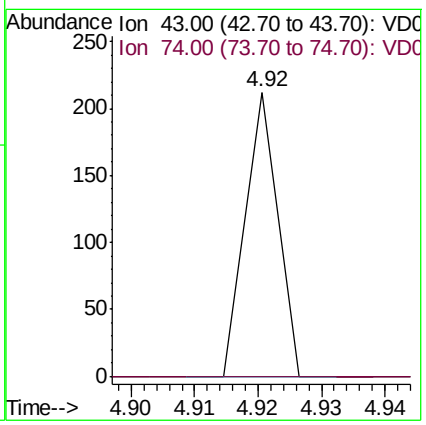


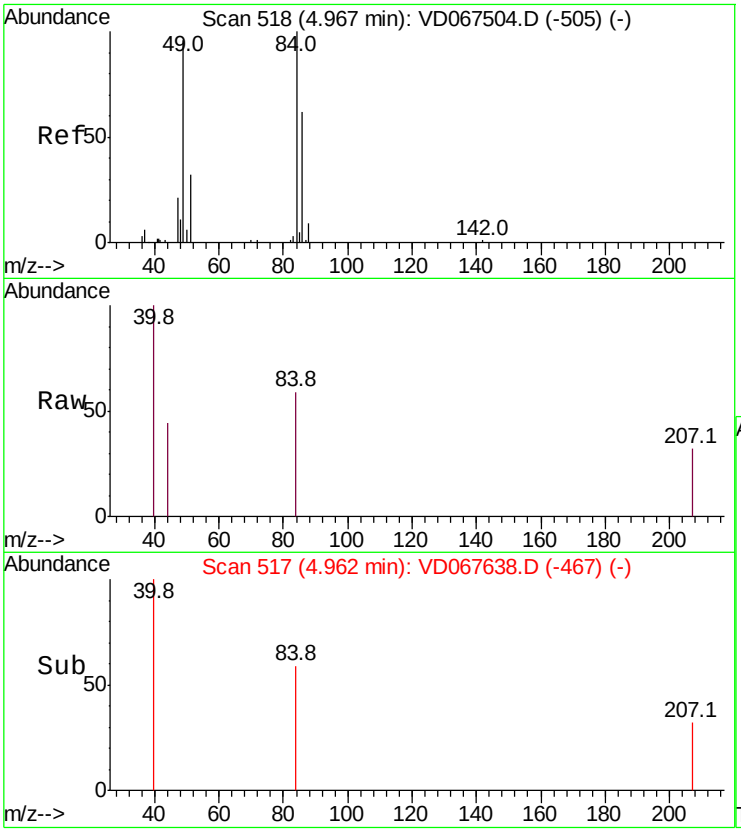


#18
Methyl Acetate
Concen: 2.574 ug/l
RT: 4.92 min Scan# 510
Delta R.T. 0.20 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
74	0.0	27.2	40.8#



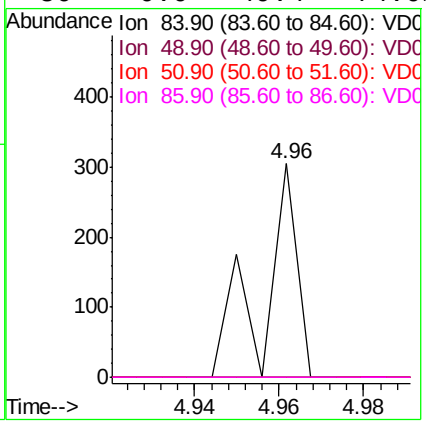


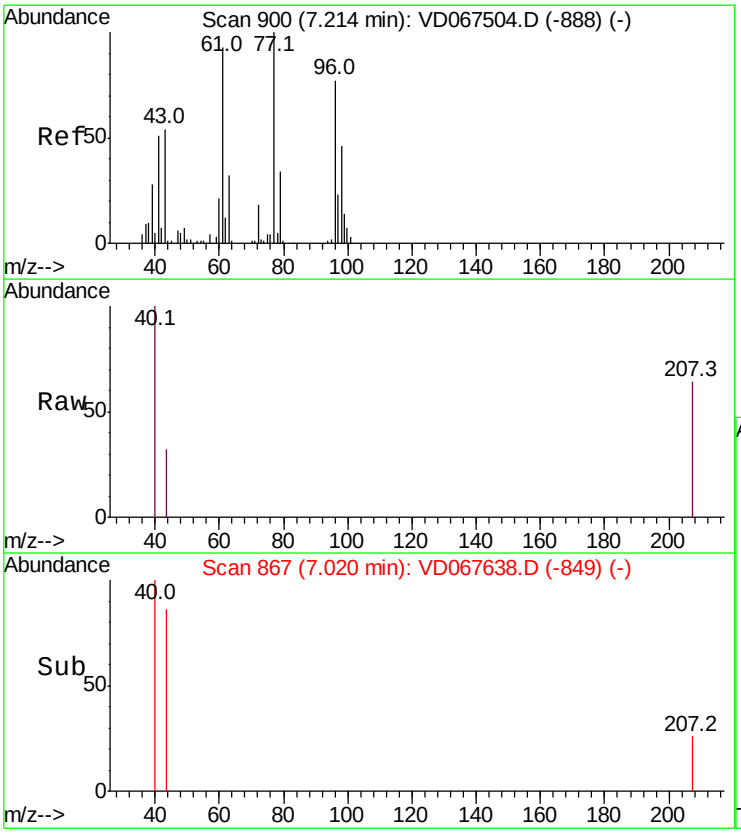
#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion: 84 Resp: 169

Ion	Ratio	Lower	Upper
84	100		
49	0.0	77.0	115.4#
51	0.0	25.4	38.2#
86	0.0	49.4	74.0#

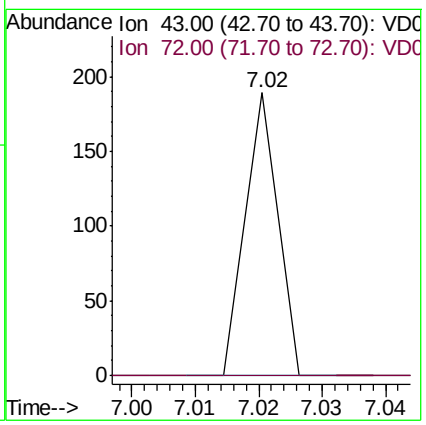


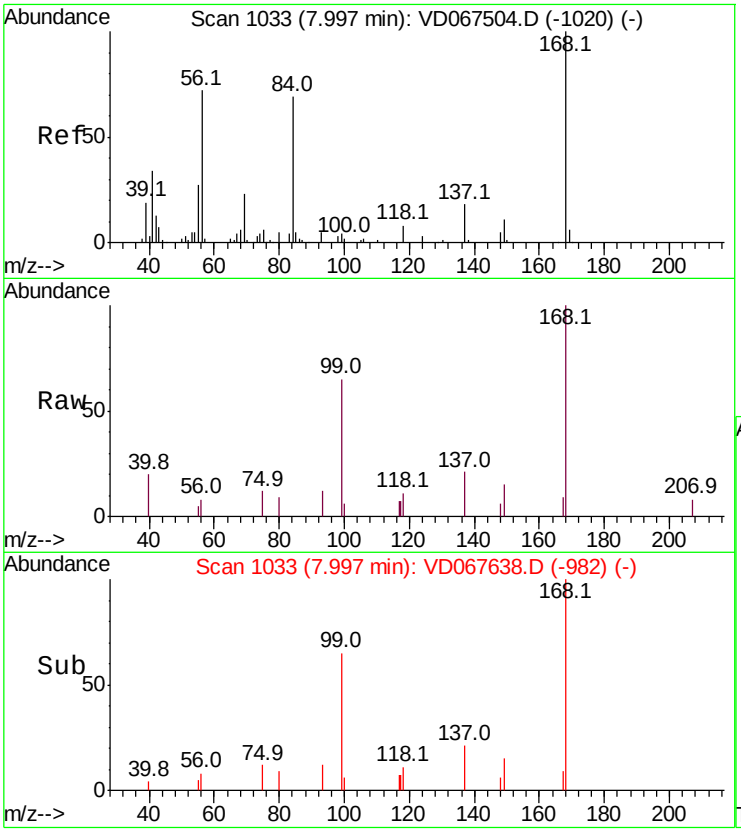


#25
2-Butanone
Concen: 4.447 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.19 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.4	39.6#



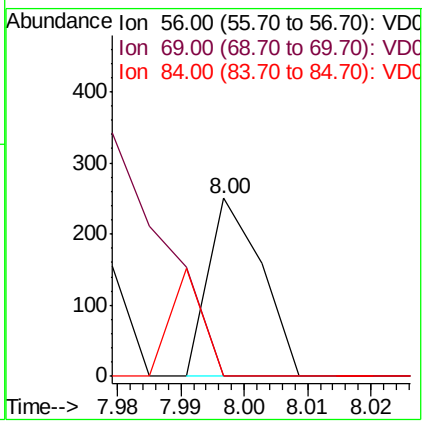


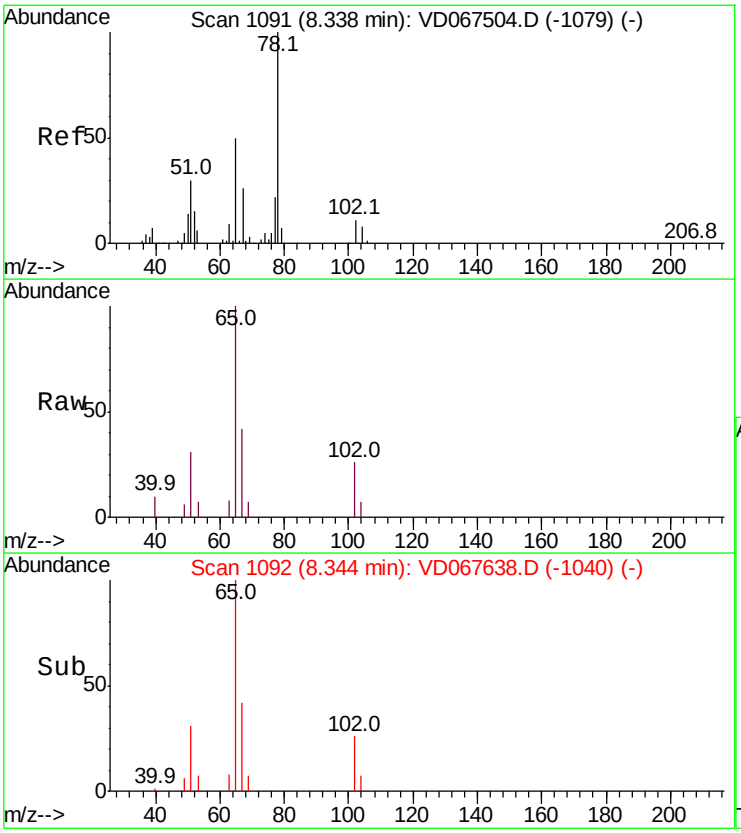
#31
Cyclohexane
Concen: 1.054 ug/l
RT: 8.00 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion: 56 Resp: 144

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.9	38.9#
84	0.0	76.2	114.4#

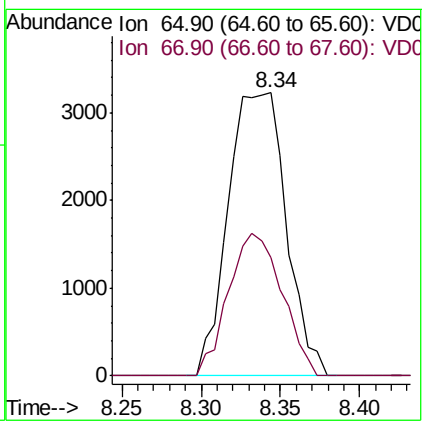


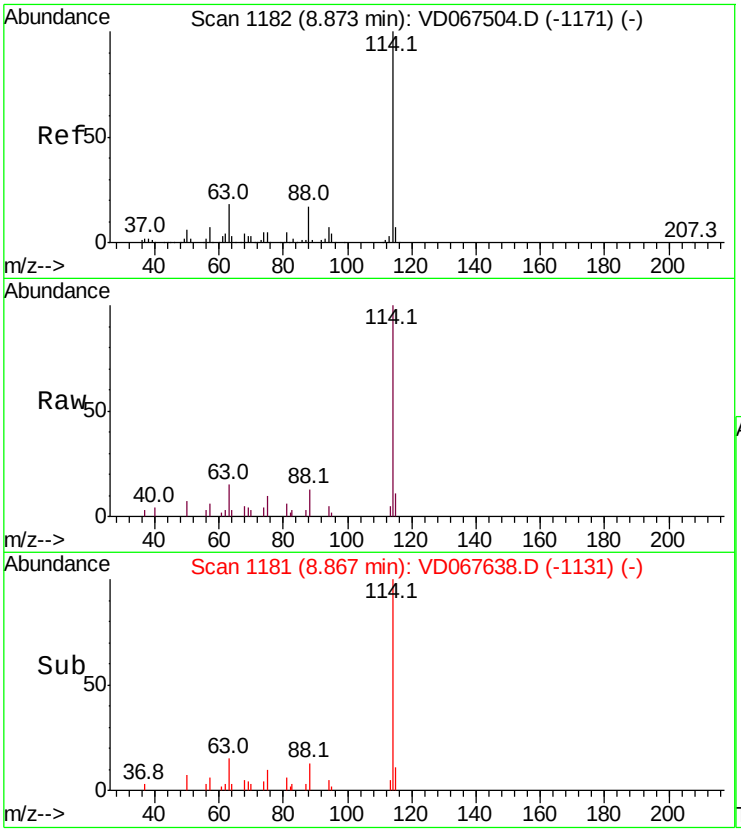


#33
1,2-Dichloroethane-d4
Concen: 87.098 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 65 Resp: 8206

Ion	Ratio	Lower	Upper
65	100		
67	46.6	0.0	99.4



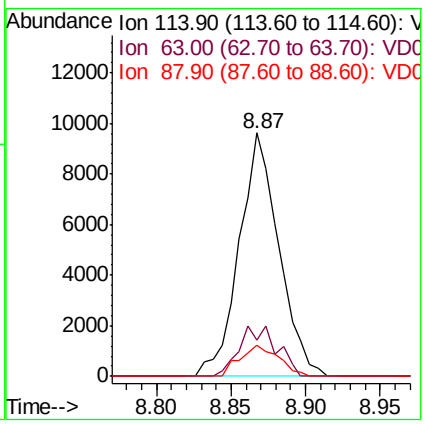


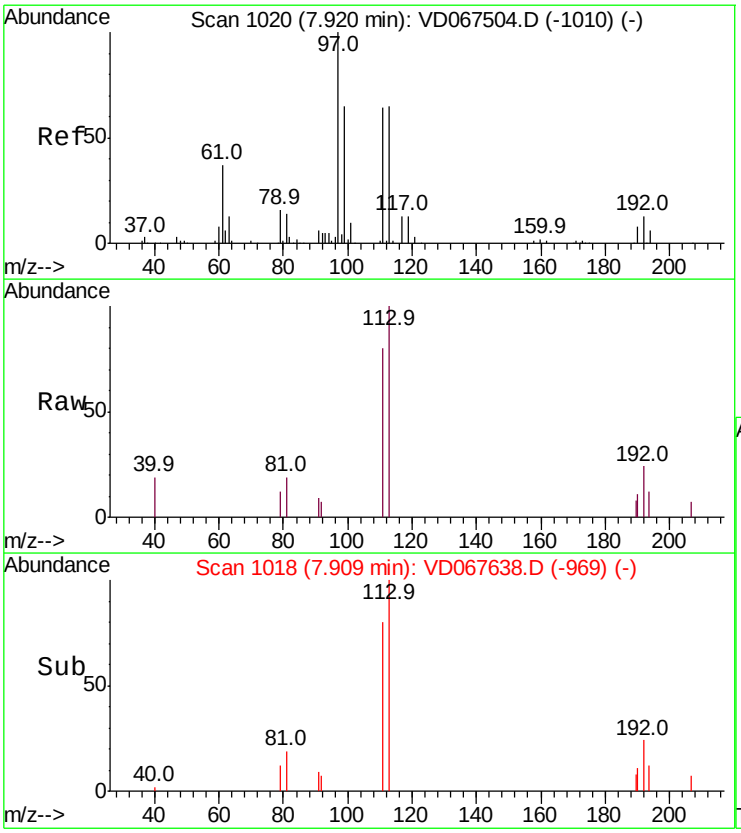
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion:114 Resp: 17697

Ion	Ratio	Lower	Upper
114	100		
63	14.9	0.0	35.0
88	12.8	0.0	33.0

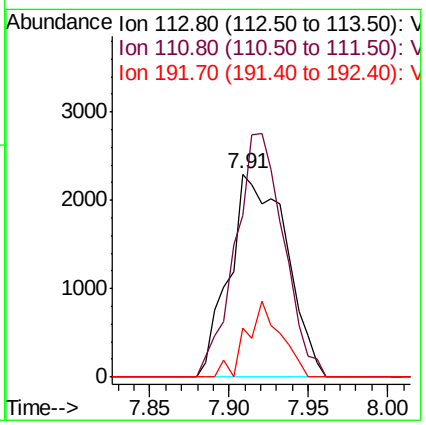


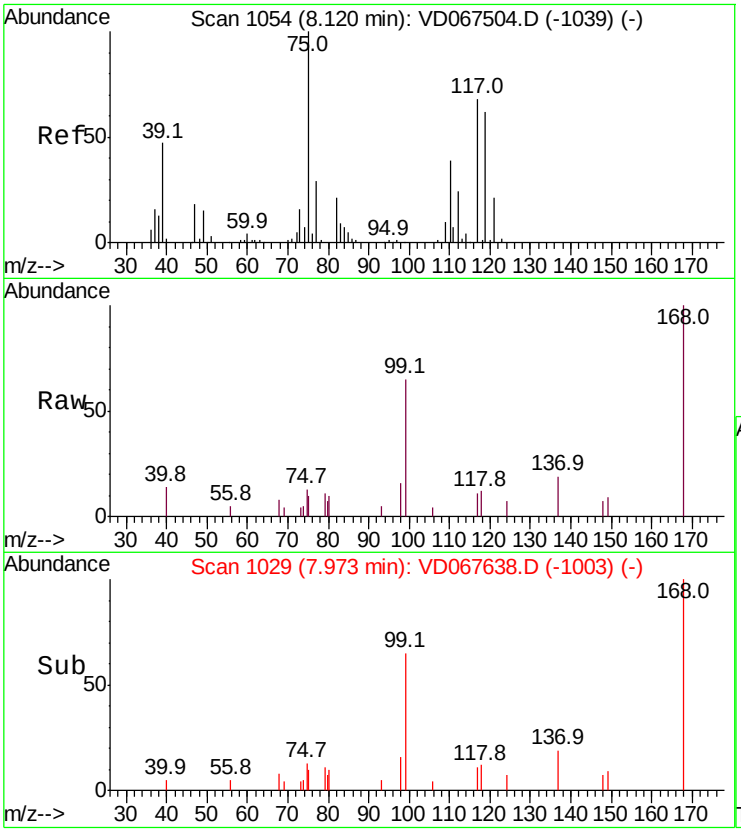


#35
Dibromofluoromethane
Concen: 53.984 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion:113 Resp: 5756

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.0	120.0
192	22.5	16.3	24.5



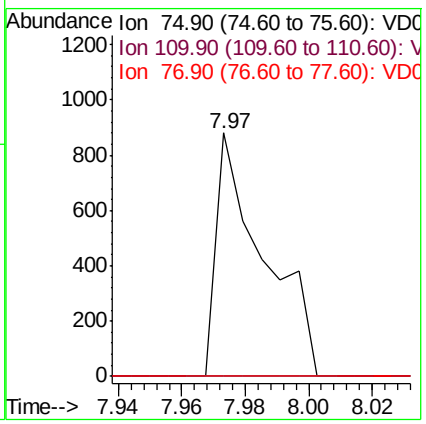


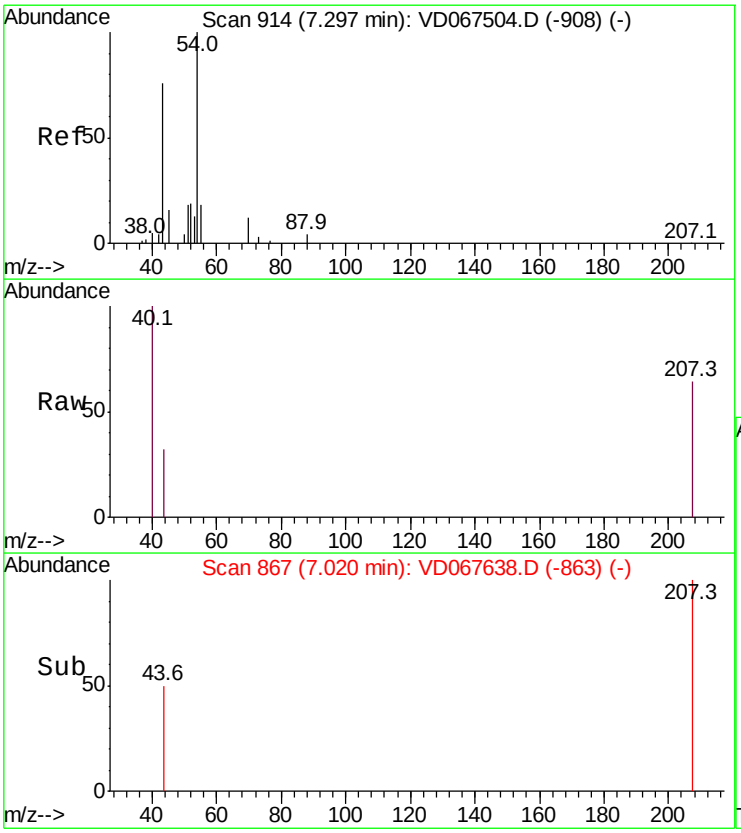
#36
1,1-Dichloropropene
Concen: 6.053 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.15 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Tgt Ion: 75 Resp: 917

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.7#
77	0.0	24.8	37.2#

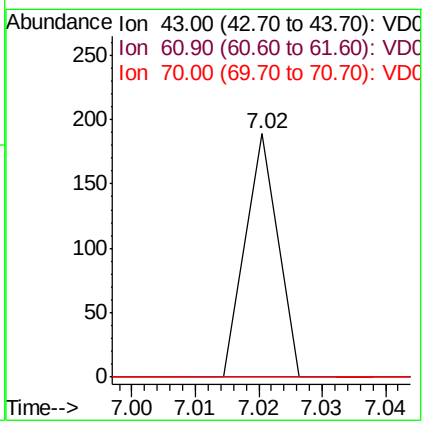


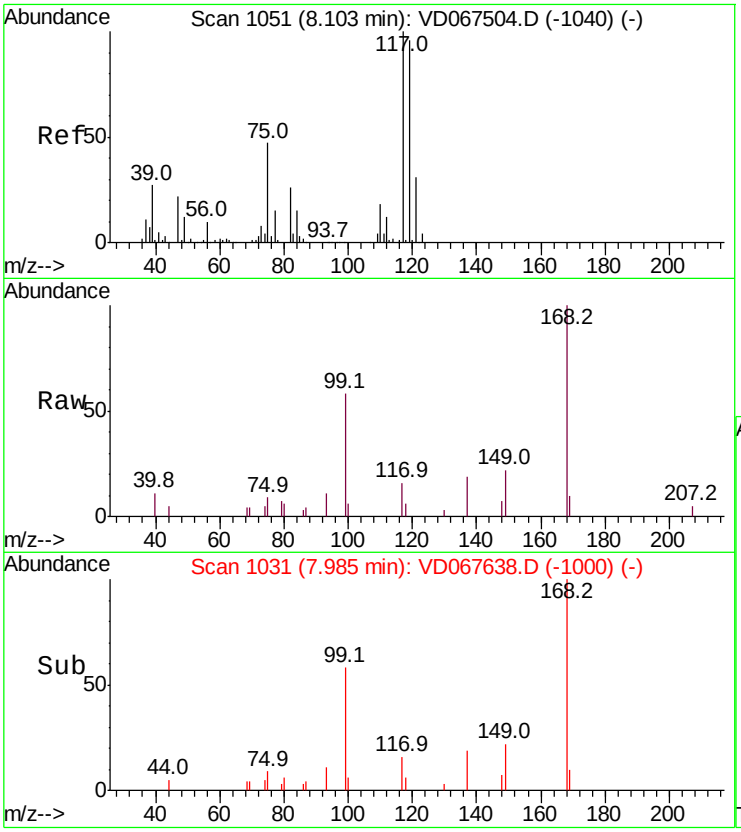


#37
Ethyl Acetate
Concen: 1.704 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.28 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	11.7	17.5#



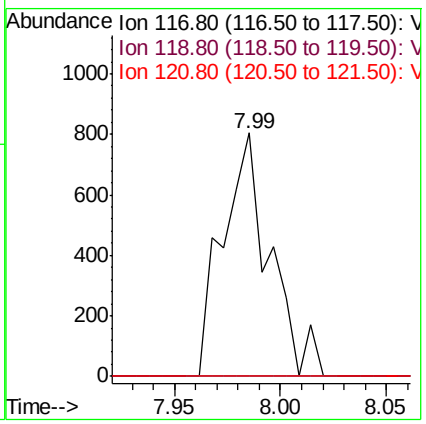


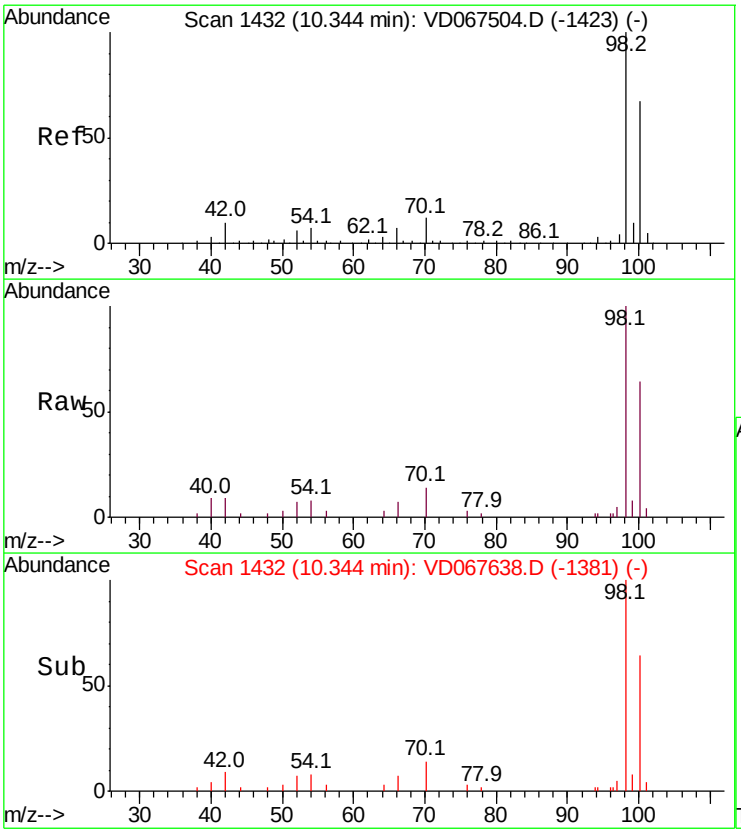
#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion:117 Resp: 1239

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.9	115.3#
121	0.0	24.5	36.7#

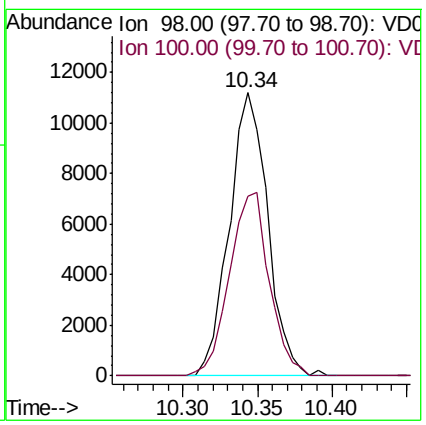


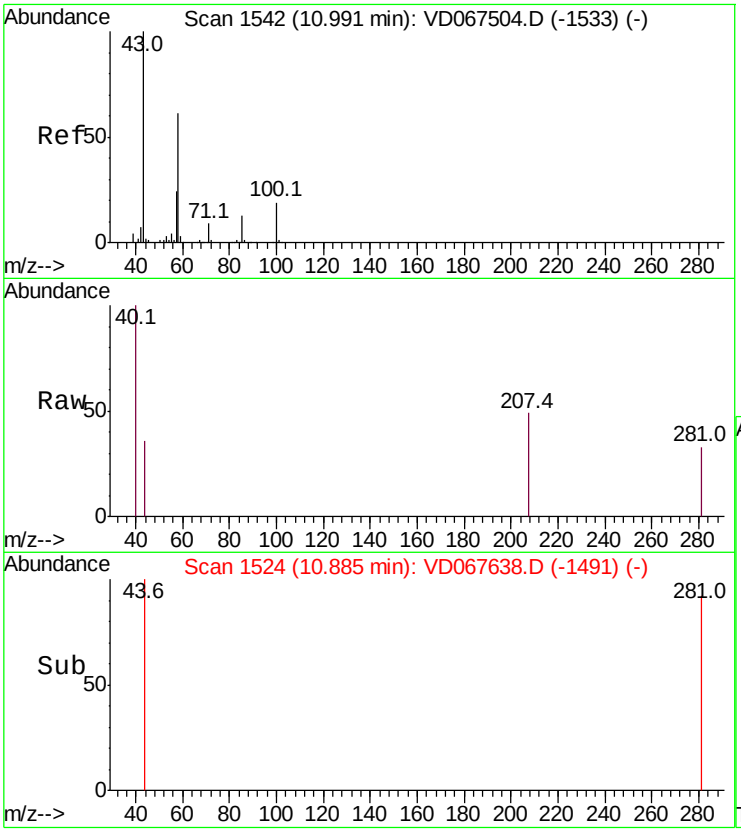


#50
Toluene-d8
Concen: 53.579 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 98 Resp: 20076

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.6



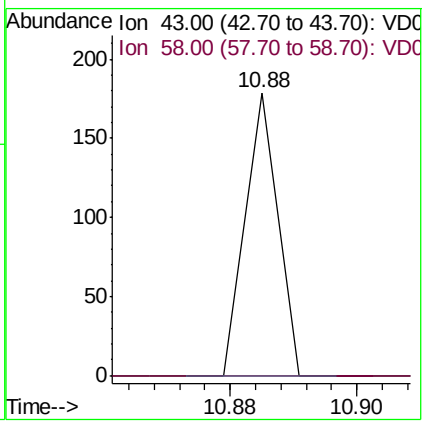


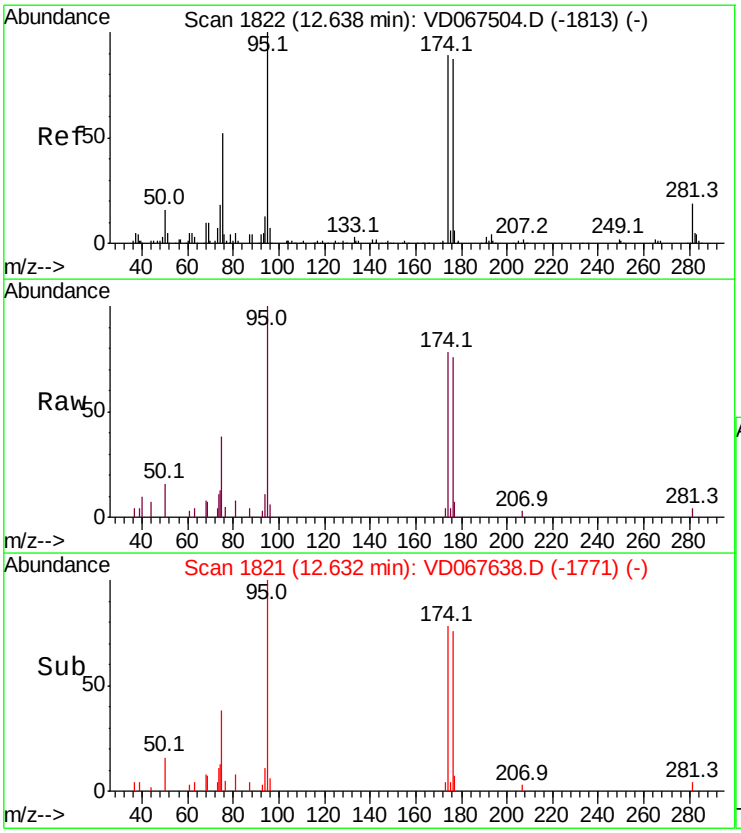
#59
2-Hexanone
Concen: 2.422 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. -0.11 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.3	90.9#

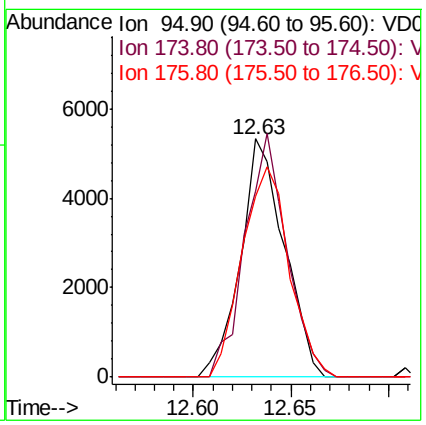


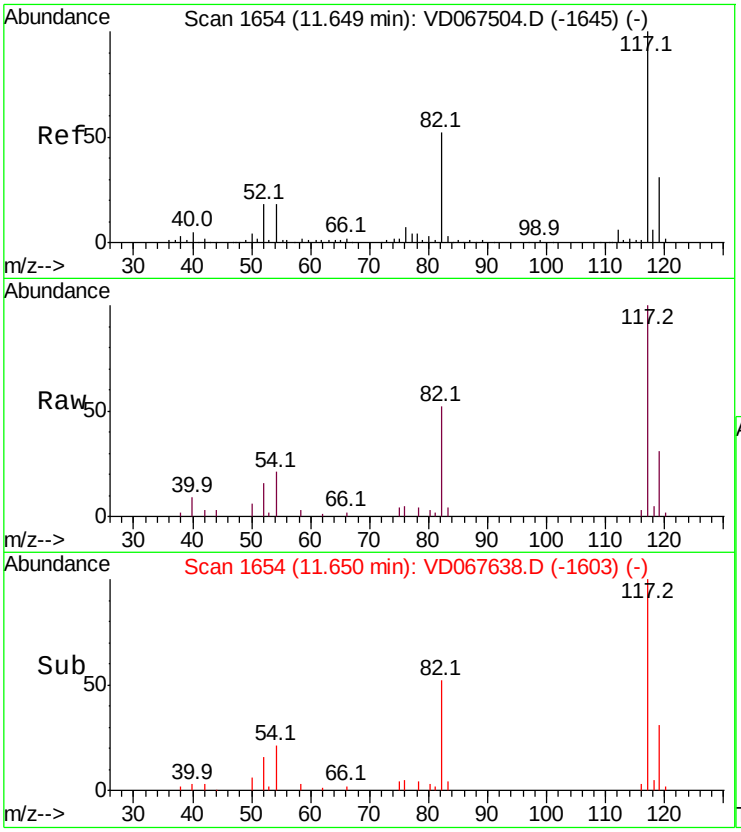


#62
4-Bromofluorobenzene
Concen: 63.835 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 95 Resp: 8258

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	177.8
176	95.3	0.0	172.0



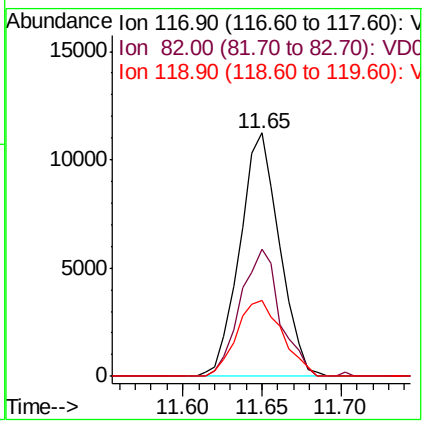


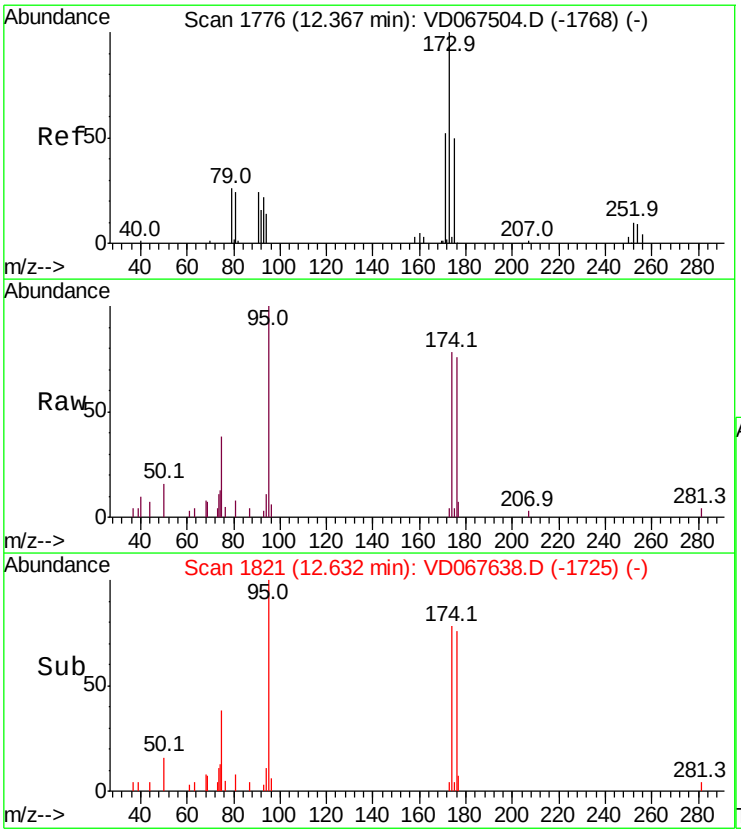
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion:117 Resp: 19480

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	31.4	25.1	37.7

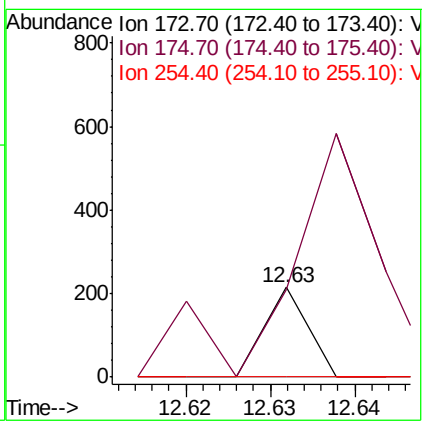


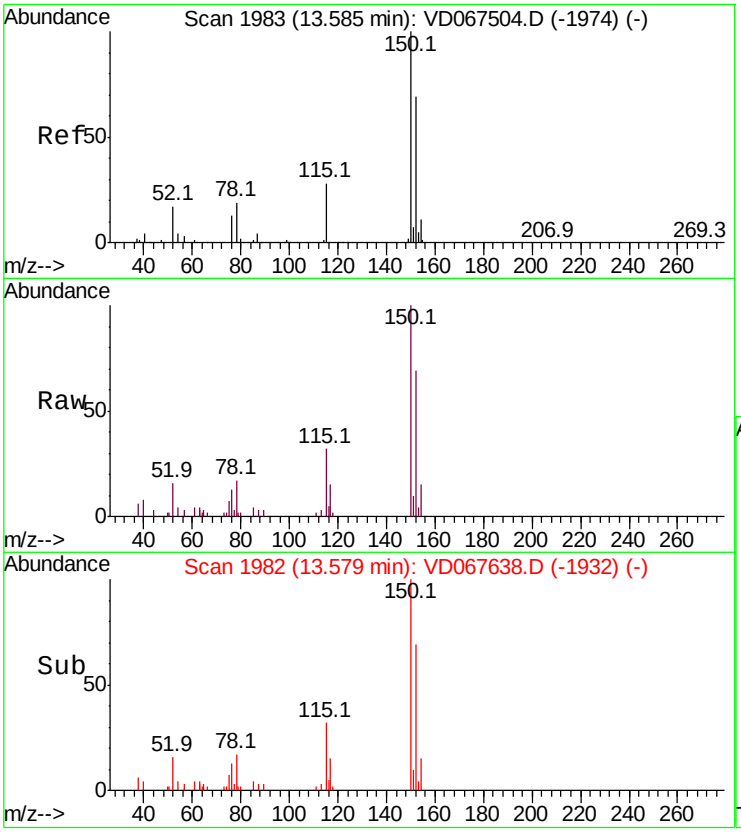


#71
Bromoform
Concen: 1.008 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.26 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion:173 Resp: 76

Ion	Ratio	Lower	Upper
173	100		
175	569.7	24.1	72.2#
254	0.0	0.0	0.0



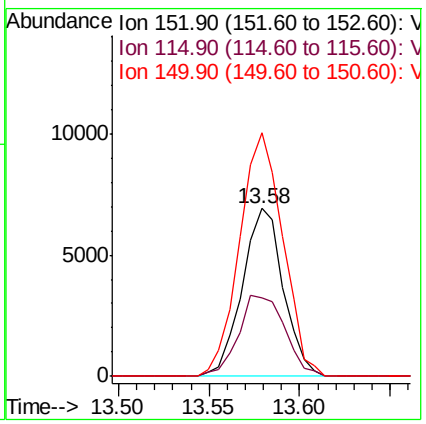


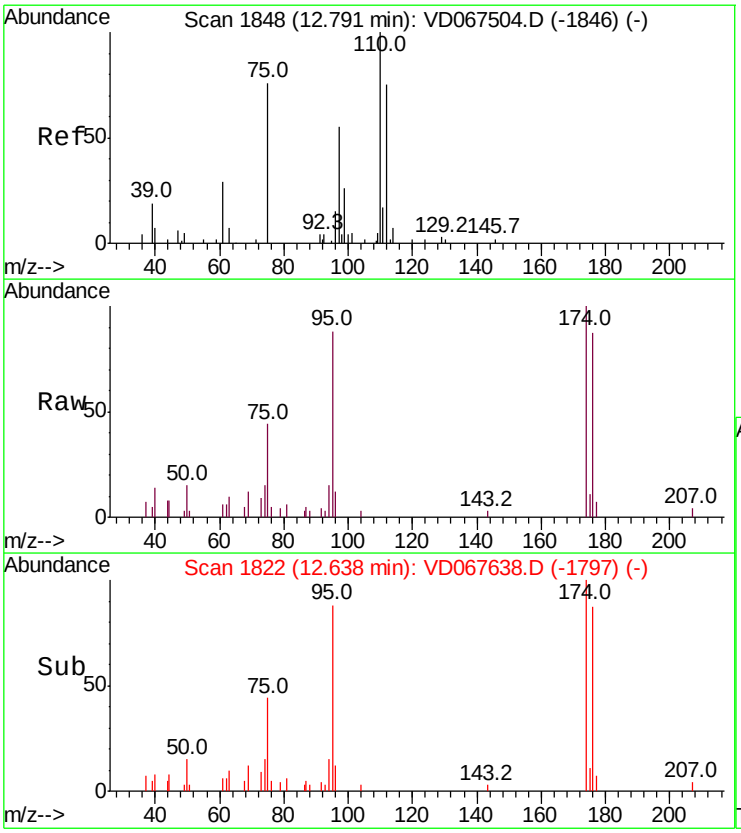
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion:152 Resp: 10921

Ion	Ratio	Lower	Upper
152	100		
115	54.3	29.3	88.0
150	152.6	0.0	338.2

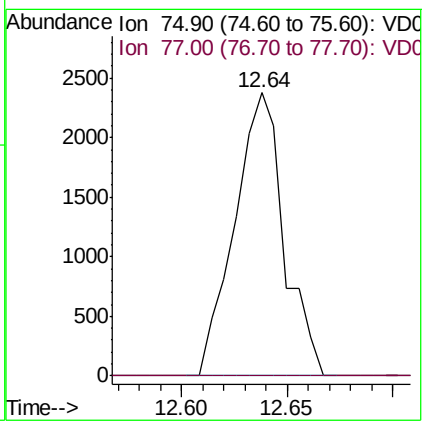


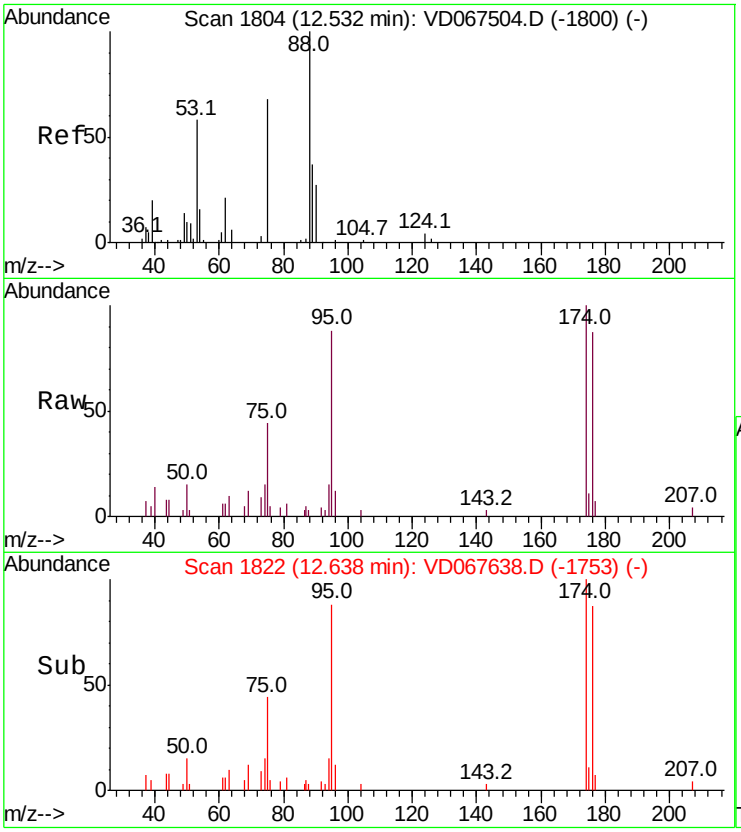


#76
1,2,3-Trichloropropane
Concen: 58.635 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion: 75 Resp: 3863

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



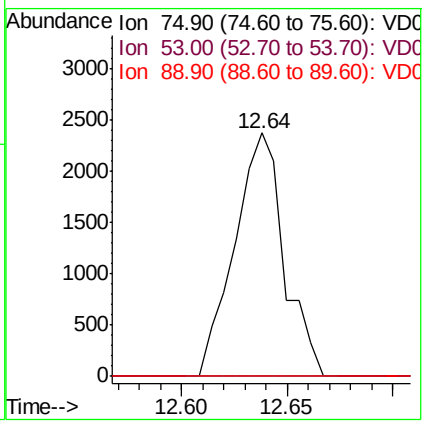


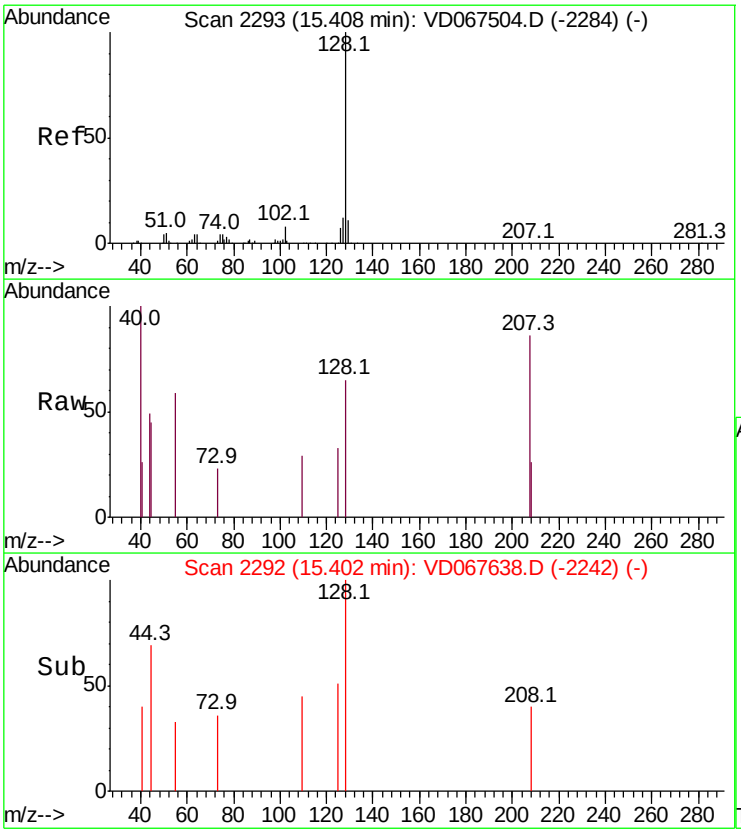
#81
trans-1,4-Dichloro-2-butene
Concen: 119.045 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument : MSVOA_D
ClientSampleId : OK-02-111320

Tgt Ion: 75 Resp: 3863

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.9	113.9#
89	0.0	44.6	67.0#





#95
Naphthalene
Concen: 1.067 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion:128 Resp: 320

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.9	13.3#