Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120720\
Data File : VD067890.D
Acq On : 07 Dec 2020 10:38
Operator : VA/SY
Sample : VD1207SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1207SBL01

Quant Time: Dec 08 03:12:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	238130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	329377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	283984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112818	44.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.26%			
35) Dibromofluoromethane	7.92	113	97319	44.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.32%			
50) Toluene-d8	10.34	98	365766	46.10	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.20%			
62) 4-Bromofluorobenzene	12.64	95	119042	43.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.20	59	334	Below Cal	#	74
16) Acetone	4.16	43	659	2.086	ug/l #	47
20) Methylene Chloride	4.97	84	7806	Below Cal	#	76
25) 2-Butanone	7.20	43	676	2.035	ug/l	91
31) Cyclohexane	7.98	56	6170	2.291	ug/l #	45
43) Isopropyl Acetate	8.30	43	7915	5.234	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	943	1.318	ug/l #	53
76) 1,2,3-Trichloropropane	12.64	75	68073	64.293	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	68073	153.794	ug/l #	7

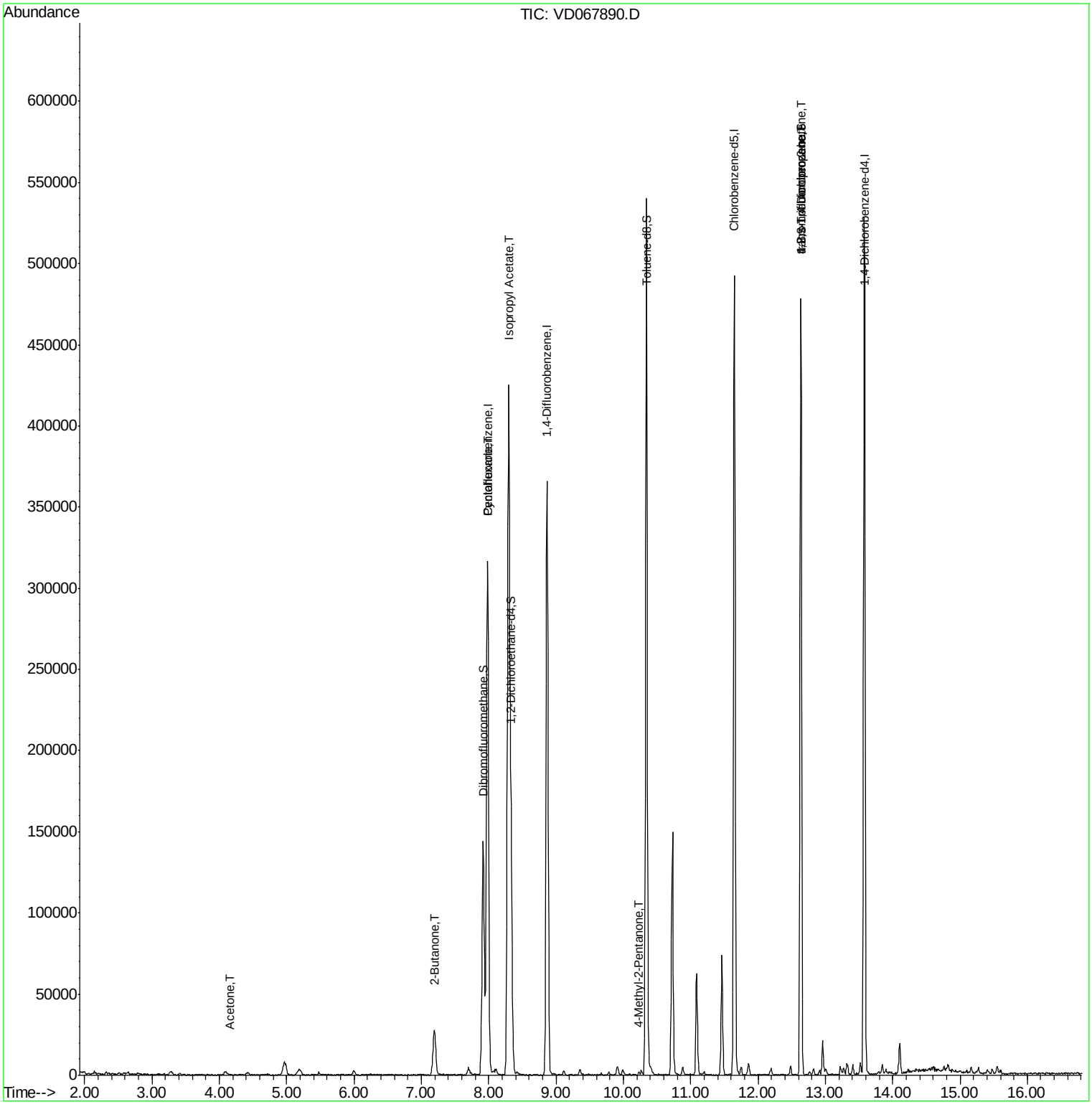
(#) = qualifier out of range (m) = manual integration (+) = signals summed

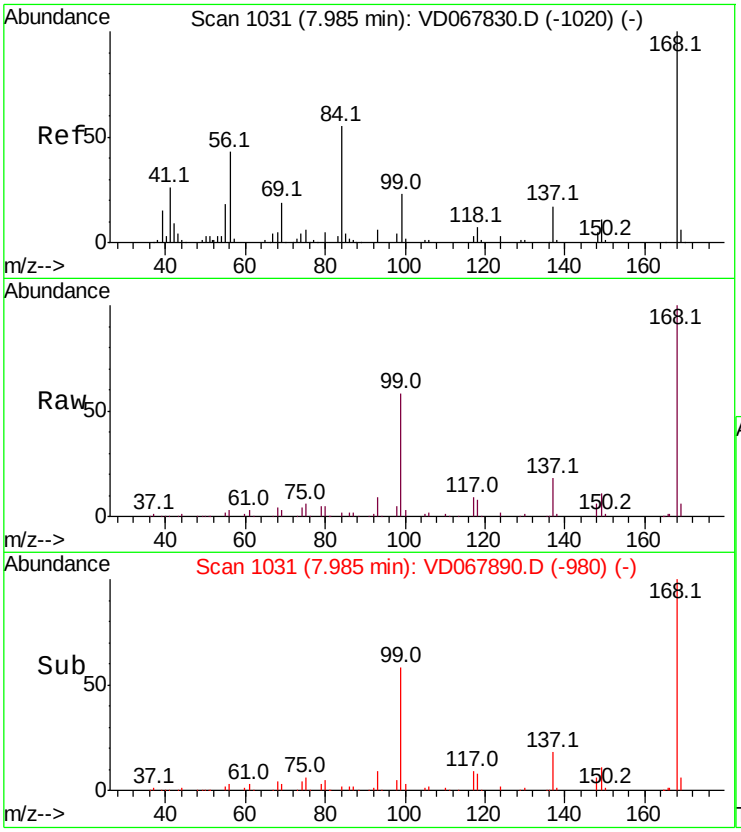
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
Data File : VD067890.D
Acq On : 07 Dec 2020 10:38
Operator : VA/SY
Sample : VD1207SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Quant Time: Dec 08 03:12:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration



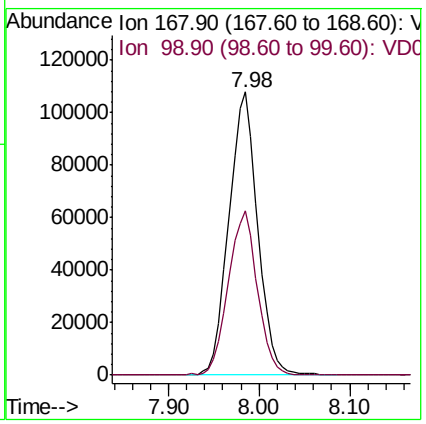


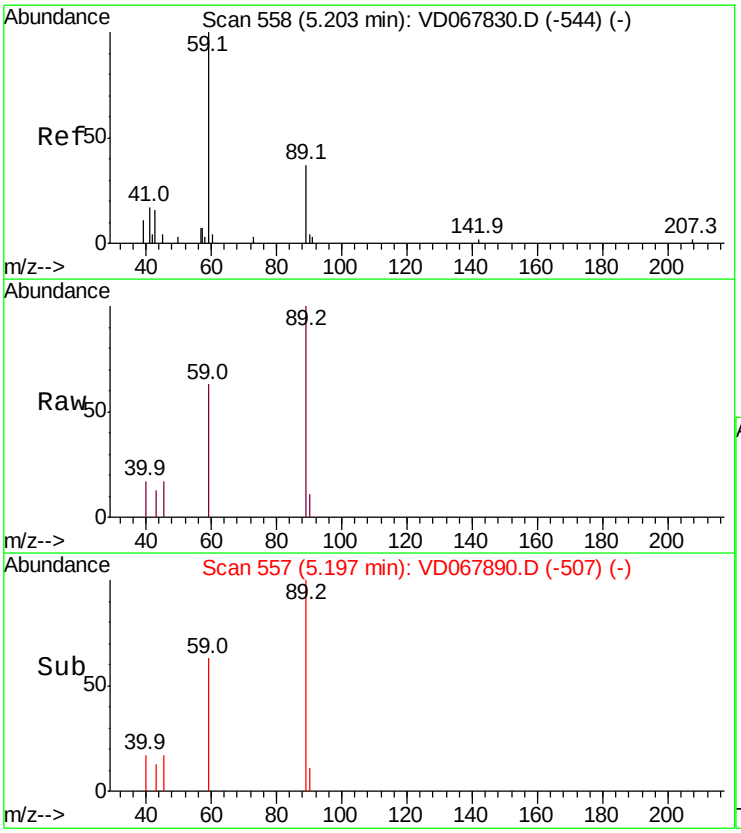
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tgt Ion:168 Resp: 238130

Ion	Ratio	Lower	Upper
168	100		
99	58.2	47.1	70.7

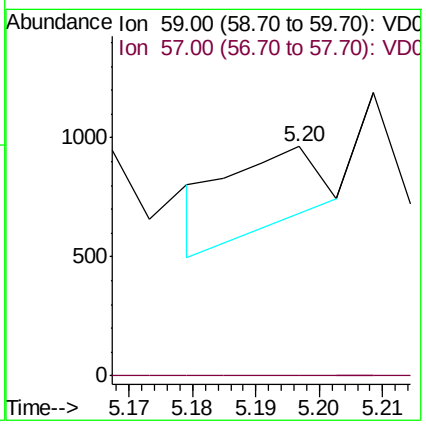


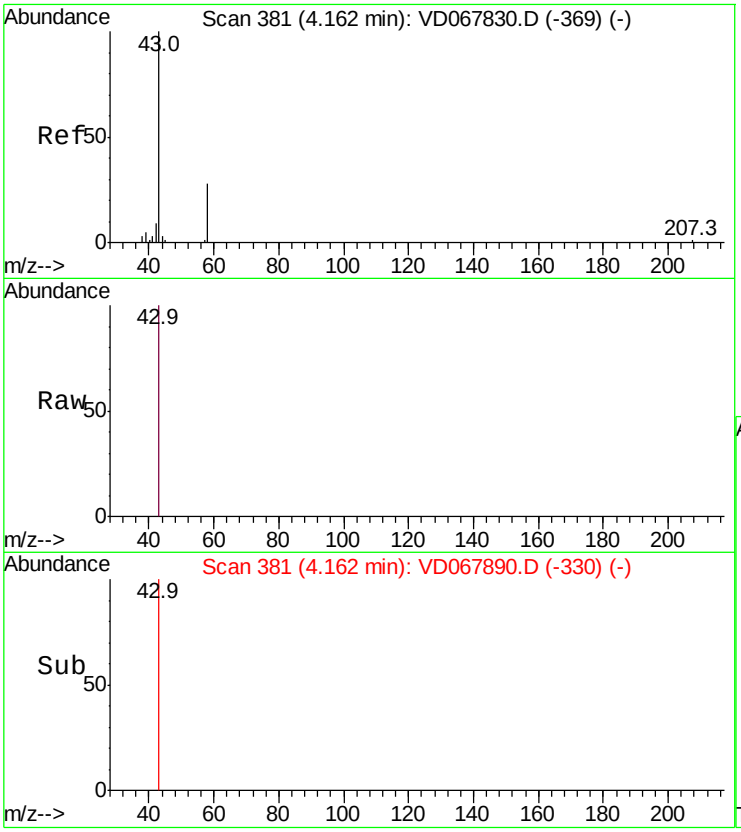


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion: 59 Resp: 334

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



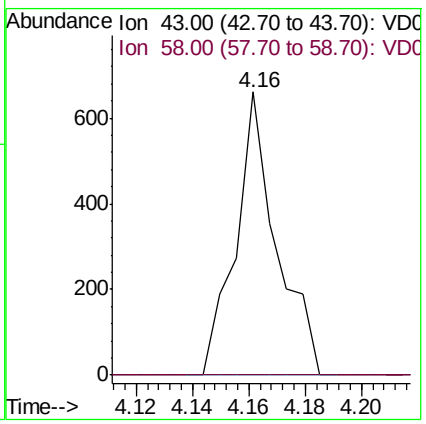


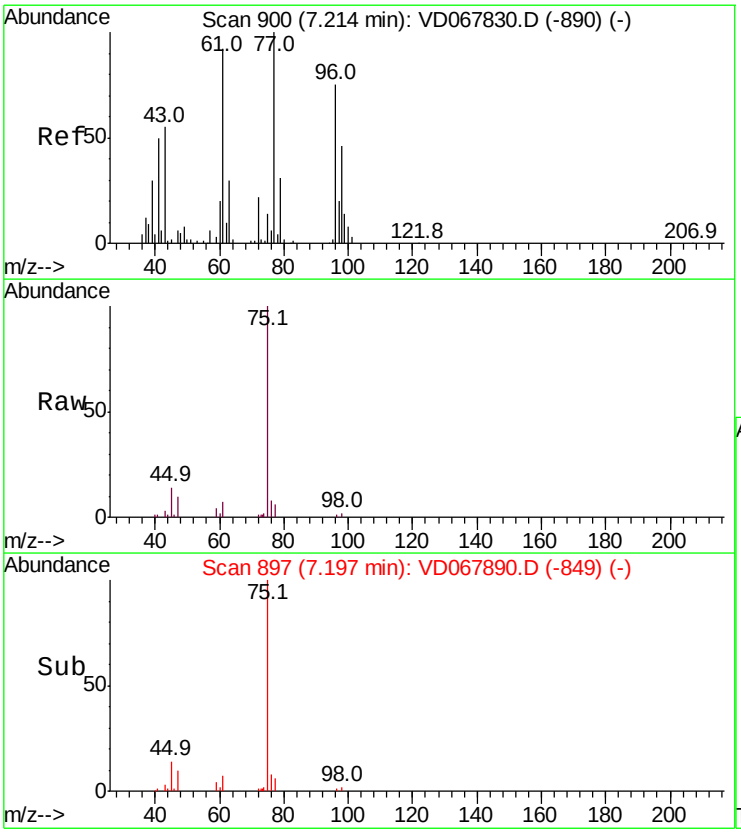
#16
Acetone
Concen: 2.086 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tgt Ion: 43 Resp: 659

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.9	32.9#

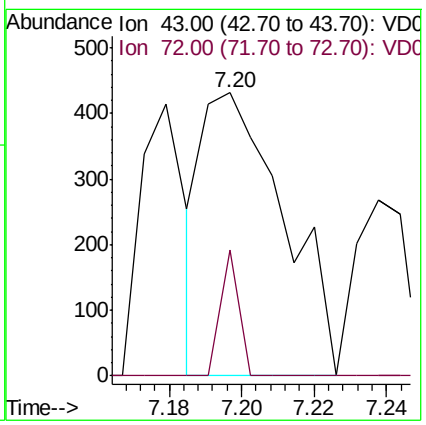


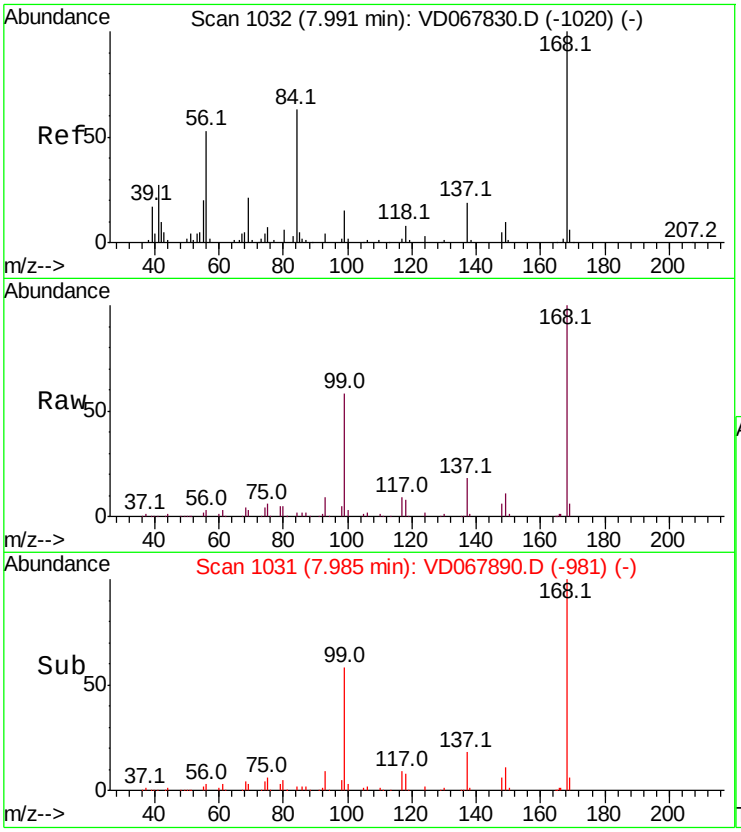


#25
2-Butanone
Concen: 2.035 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.02 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion: 43 Resp: 676

Ion	Ratio	Lower	Upper
43	100		
72	44.4	31.3	46.9



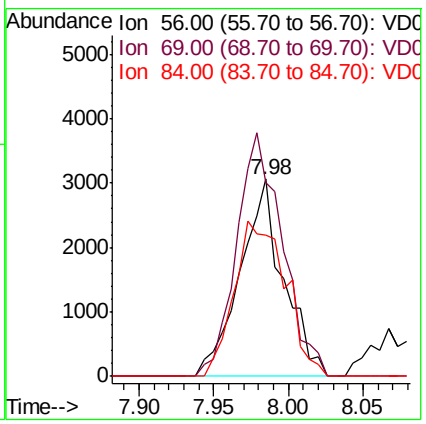


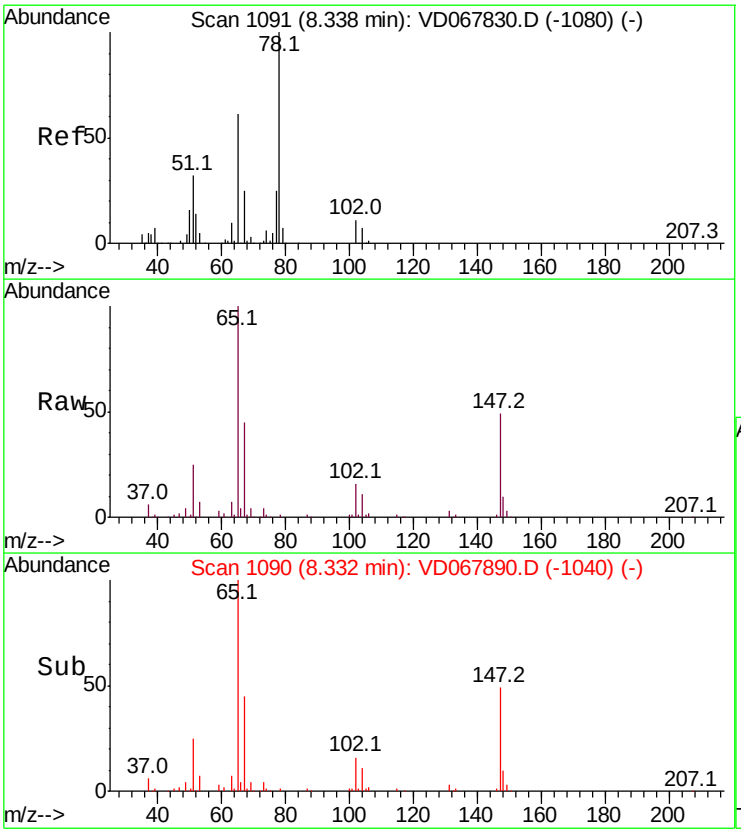
#31
Cyclohexane
Concen: 2.291 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument : MSVOA_D
ClientSampleId : VD1207SBL01

Tgt Ion: 56 Resp: 6170

Ion	Ratio	Lower	Upper
56	100		
69	98.3	32.1	48.1#
84	71.8	93.2	139.8#

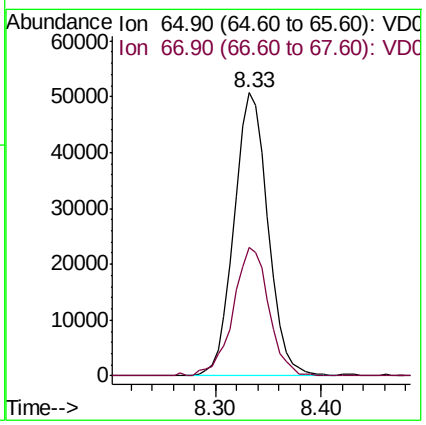


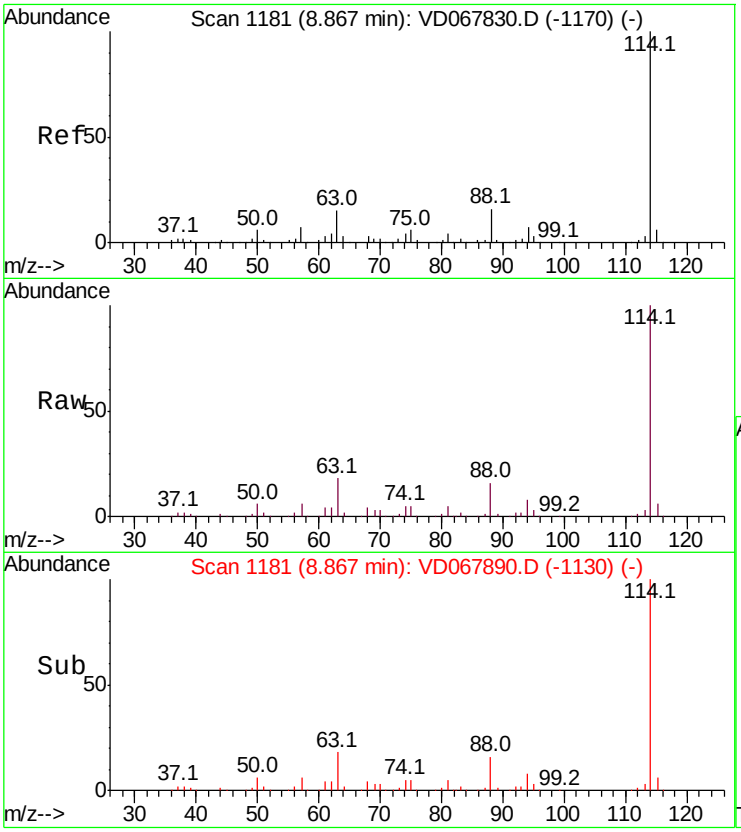


#33
1,2-Dichloroethane-d4
Concen: 44.131 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion: 65 Resp: 112818

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	92.0



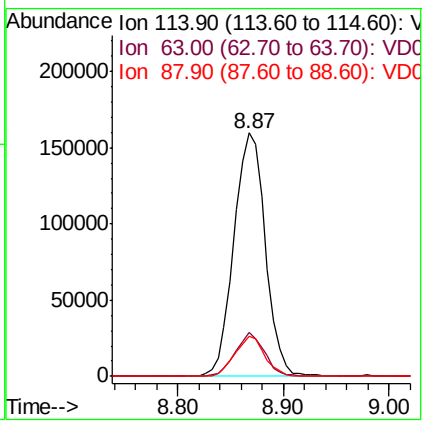


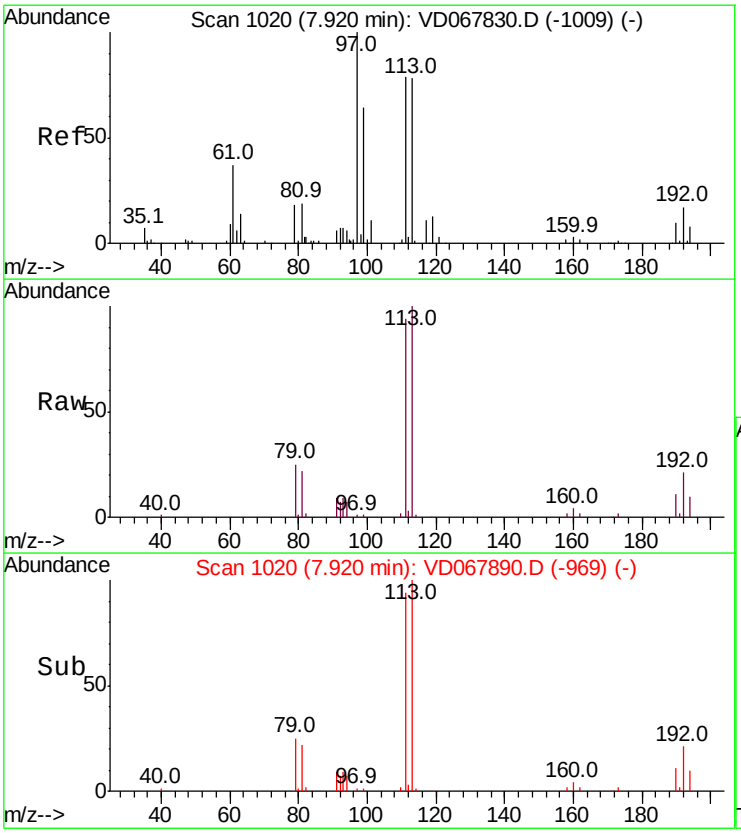
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument : MSVOA_D
ClientSampleId : VD1207SBL01

Tgt Ion:114 Resp: 329377

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	30.8
88	16.2	0.0	31.8

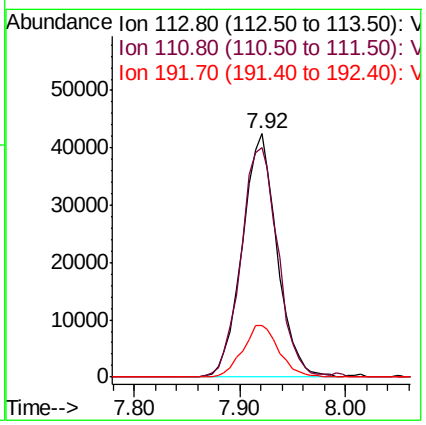


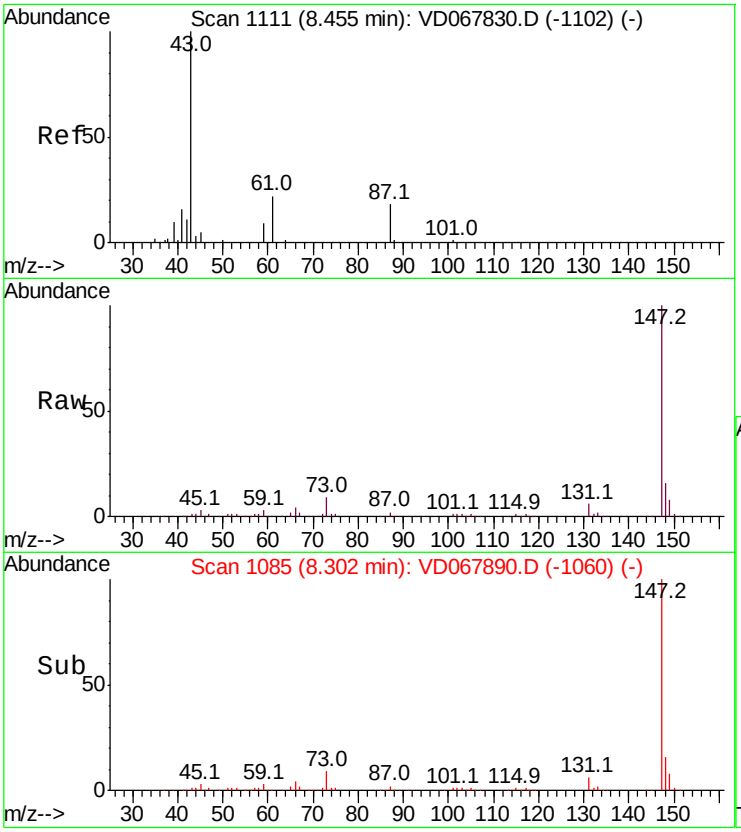


#35
Dibromofluoromethane
Concen: 44.155 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion:113 Resp: 97319

Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.2	121.8
192	21.8	16.8	25.2



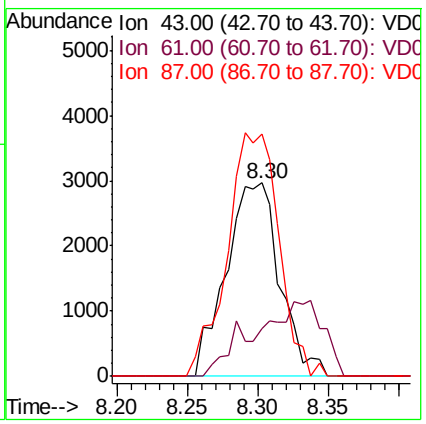


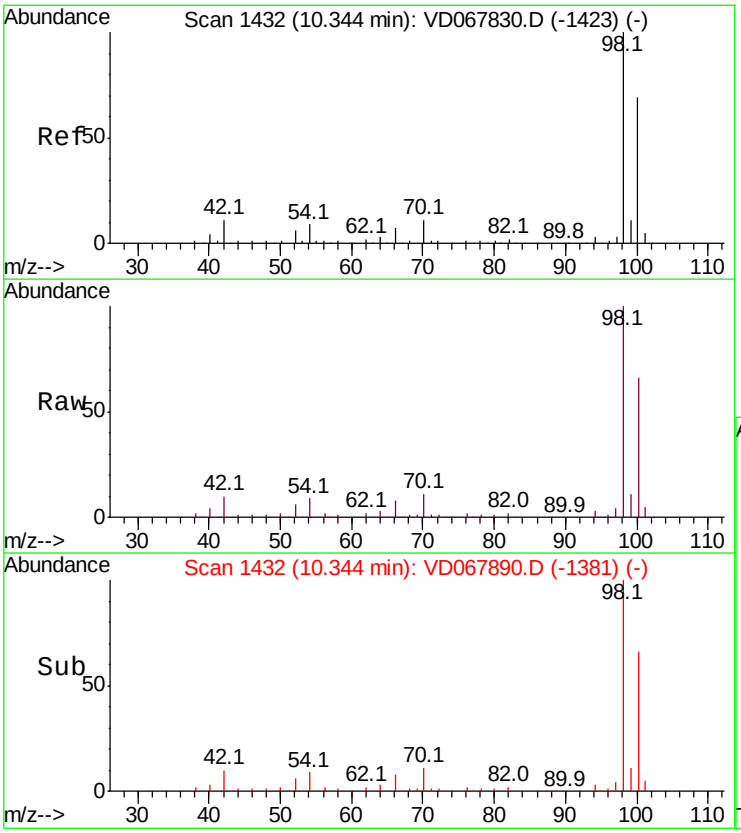
#43
Isopropyl Acetate
Concen: 5.234 ug/l
RT: 8.30 min Scan# 1085
Delta R.T. -0.15 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument : MSVOA_D
ClientSampleId : VD1207SBL01

Tgt Ion: 43 Resp: 7915

Ion	Ratio	Lower	Upper
43	100		
61	9.7	30.4	45.6#
87	120.9	16.2	24.2#

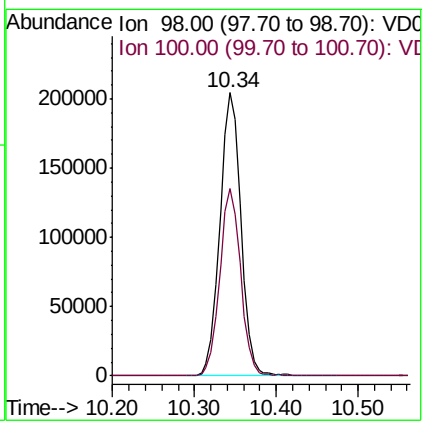


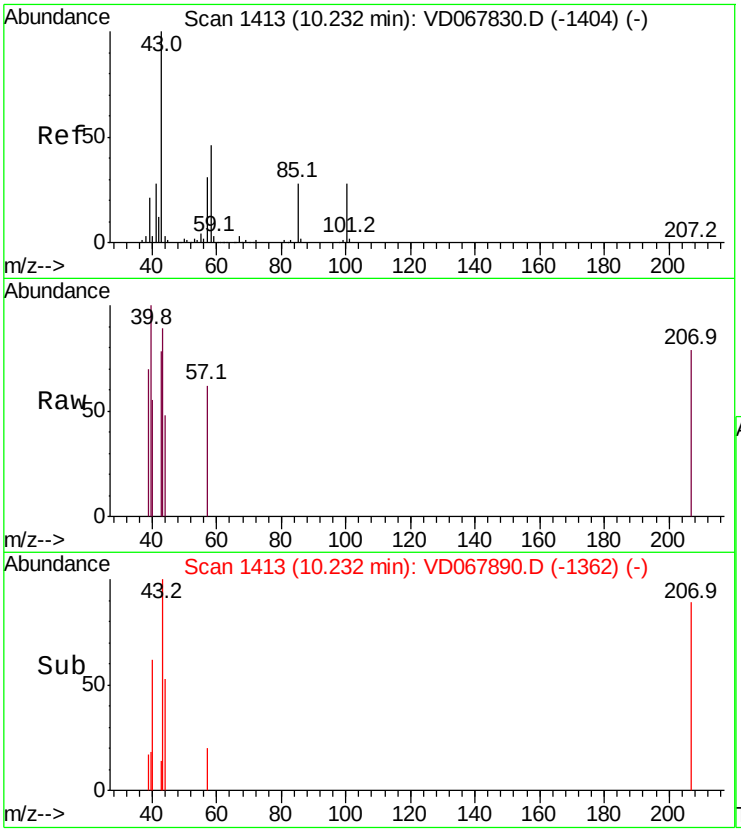


#50
Toluene-d8
Concen: 46.101 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion: 98 Resp: 365766

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



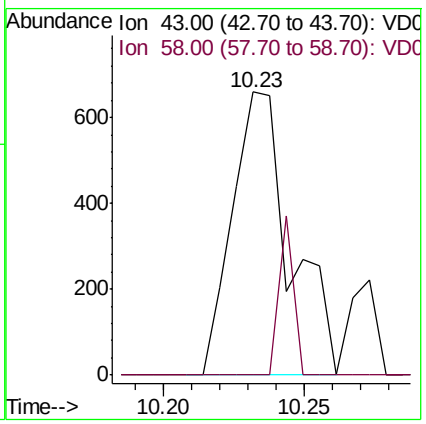


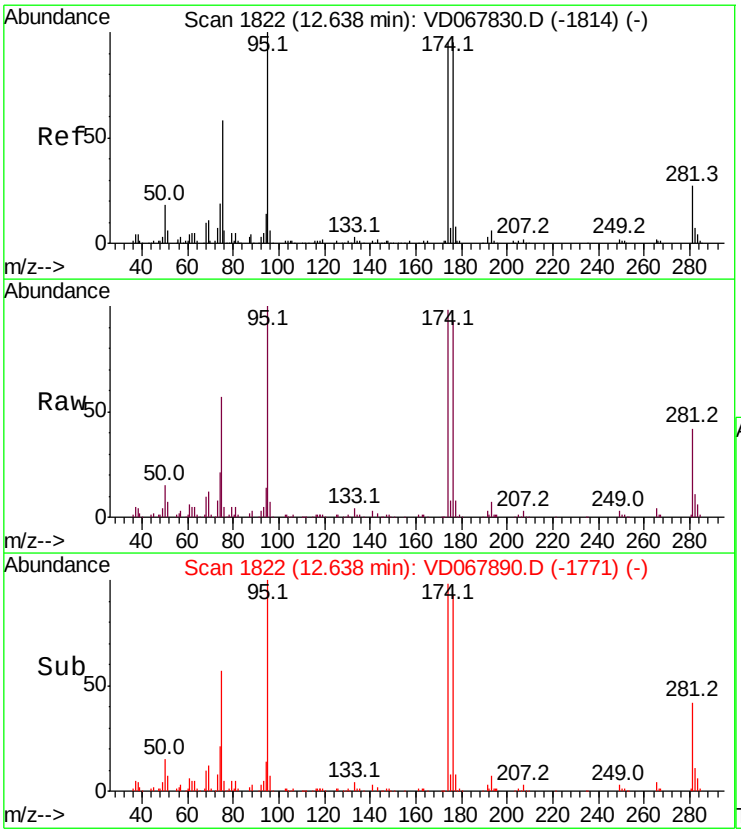
#51
4-Methyl-2-Pentanone
Concen: 1.318 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument : MSVOA_D
ClientSampleId : VD1207SBL01

Tgt Ion: 43 Resp: 943

Ion	Ratio	Lower	Upper
43	100		
58	13.9	35.7	53.5#

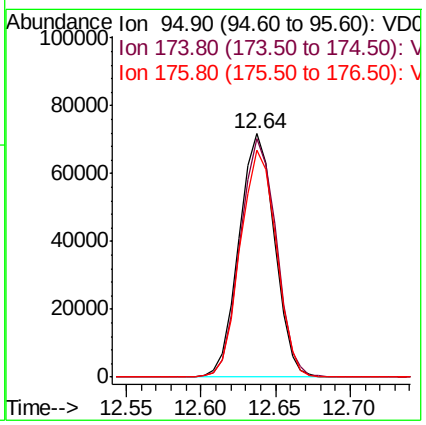


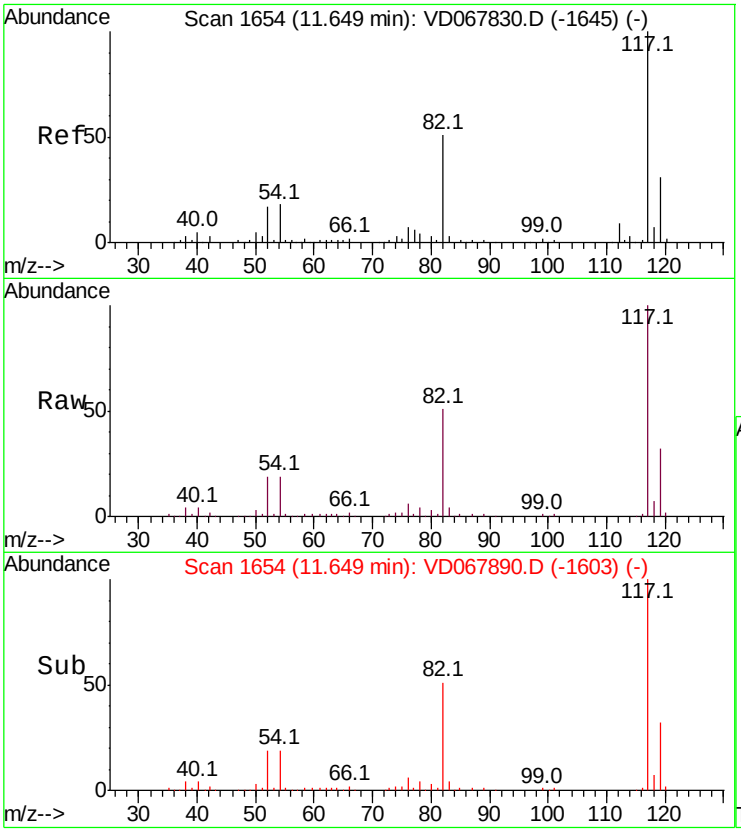


#62
4-Bromofluorobenzene
Concen: 43.398 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion: 95 Resp: 119042

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	186.0
176	94.2	0.0	184.2



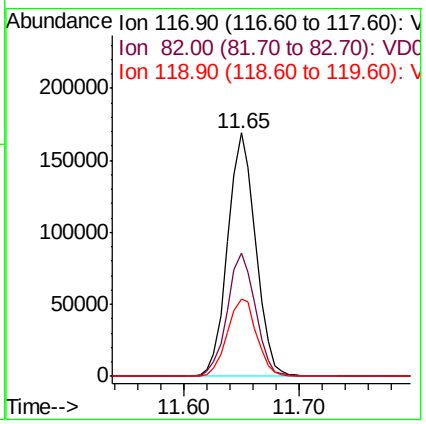


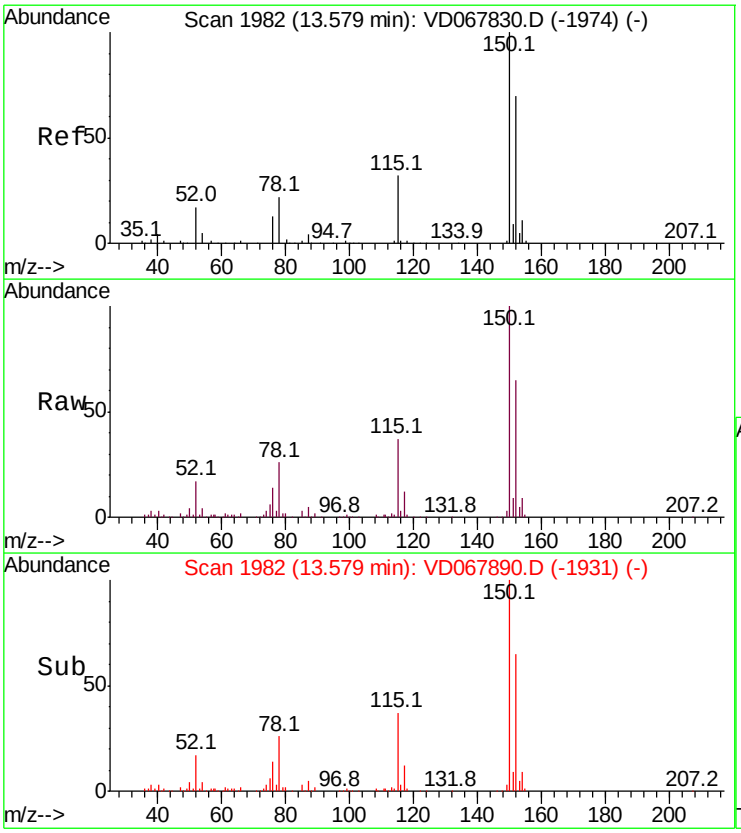
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument : MSVOA_D
ClientSampleId : VD1207SBL01

Tgt Ion:117 Resp: 283984

Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.6	60.8
119	31.9	25.1	37.7

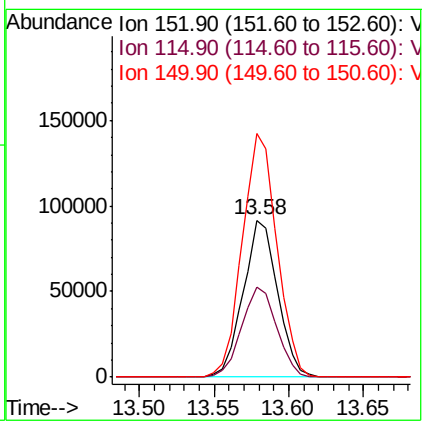


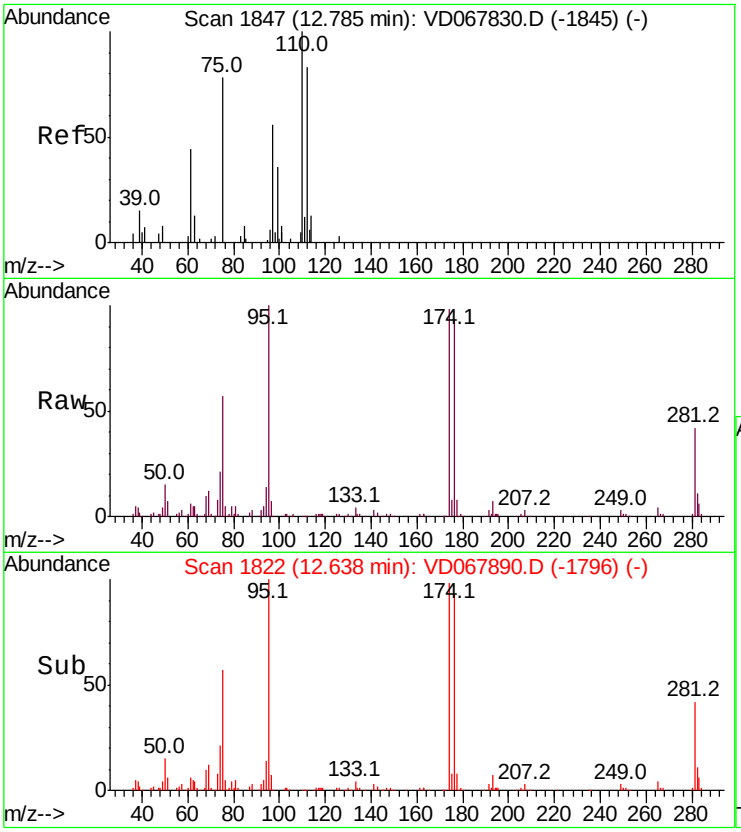


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion:152 Resp: 145393

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.4
150	156.7	0.0	339.0



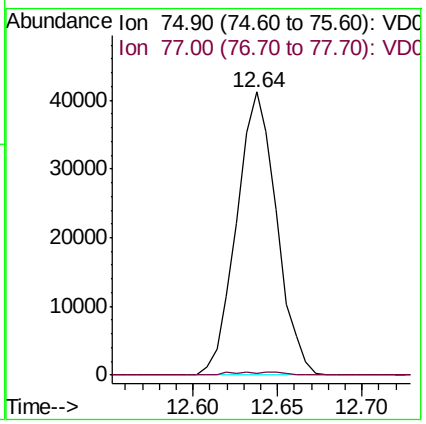


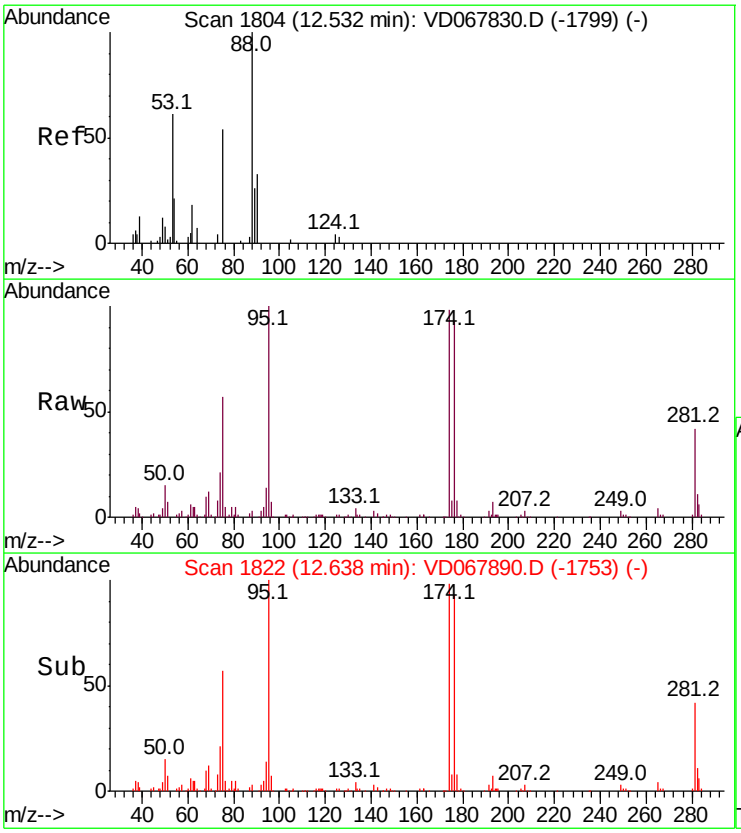
#76
1,2,3-Trichloropropane
Concen: 64.293 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tgt Ion: 75 Resp: 68073

Ion	Ratio	Lower	Upper
75	100		
77	1.4	175.9	527.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 153.794 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067890.D
Acq: 07 Dec 2020 10:38

Tgt Ion: 75 Resp: 68073

Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.6	127.0#
89	0.0	41.0	61.6#