Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120320\
Data File : VD067872.D
Acq On : 03 Dec 2020 17:27
Operator : VA/SY
Sample : L4916-01RE
Misc : 7.18G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OK-01-12220

Quant Time: Dec 04 01:09:23 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	232904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	321353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	279382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117860	47.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.28%			
35) Dibromofluoromethane	7.92	113	98612	45.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.72%			
50) Toluene-d8	10.34	98	369633	47.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.50%			
62) 4-Bromofluorobenzene	12.64	95	112152	41.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.82%			
Target Compounds						Qvalue
16) Acetone	4.16	43	1454	4.706	ug/l	96
20) Methylene Chloride	4.96	84	6106	Below Cal		85
29) Tetrahydrofuran	7.56	42	454	2.454	ug/l #	83
31) Cyclohexane	7.98	56	5050	1.917	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	15313	5.504	ug/l #	52
38) Carbon Tetrachloride	7.98	117	23306	5.537	ug/l #	15
41) Methacrylonitrile	7.56	41	157	Below Cal #		22
51) 4-Methyl-2-Pentanone	10.34	43	1286	1.842	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	60513	68.019	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	60513	162.709	ug/l #	7

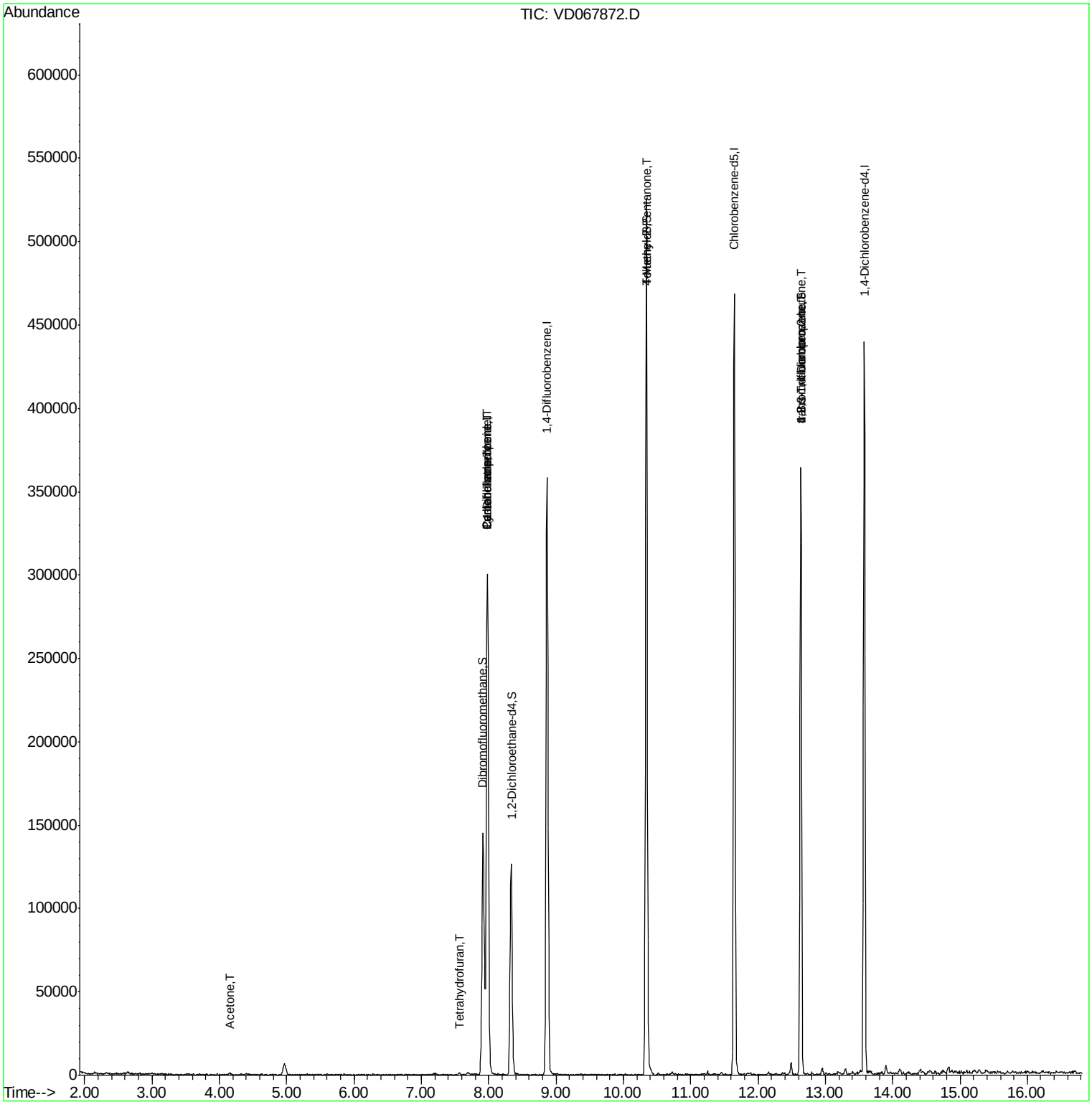
(#) = qualifier out of range (m) = manual integration (+) = signals summed

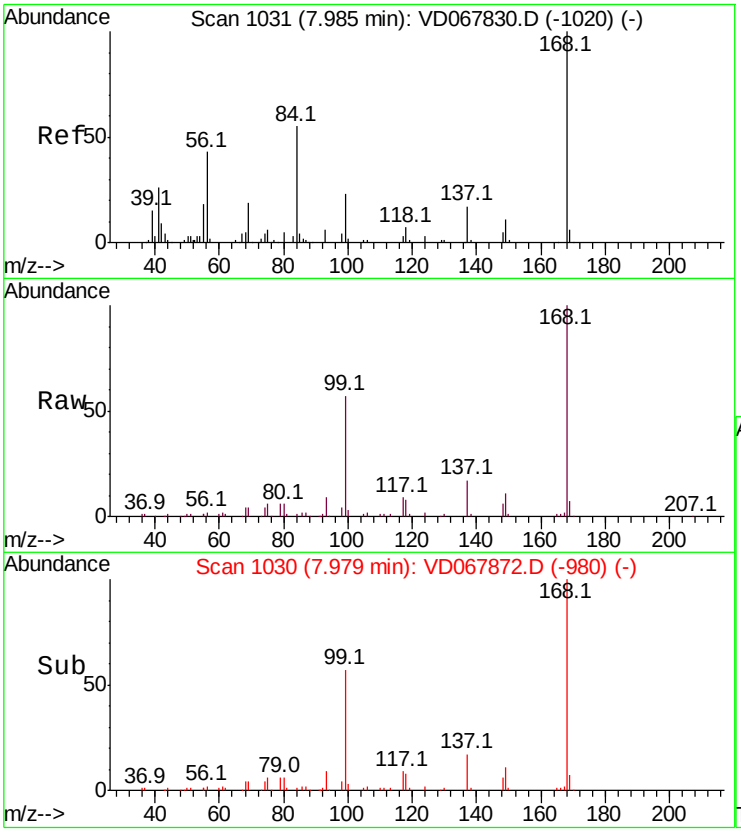
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
Data File : VD067872.D
Acq On : 03 Dec 2020 17:27
Operator : VA/SY
Sample : L4916-01RE
Misc : 7.18G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Quant Time: Dec 04 01:09:23 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



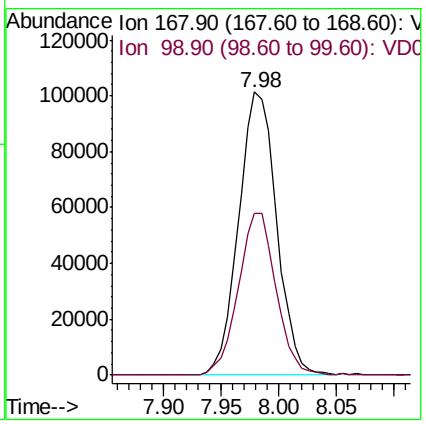


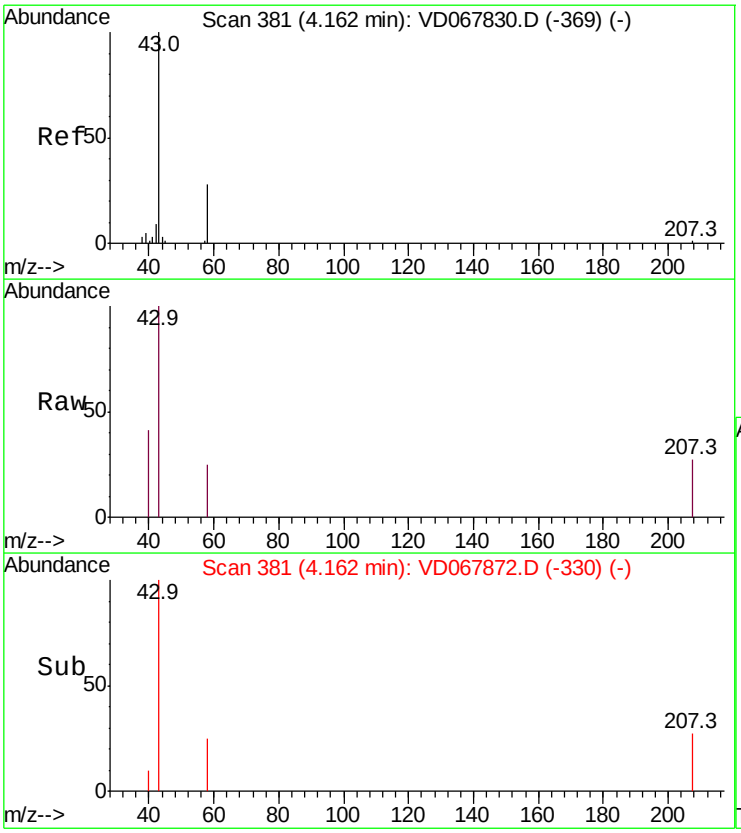
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tgt Ion:168 Resp: 232904

Ion	Ratio	Lower	Upper
168	100		
99	57.2	47.1	70.7

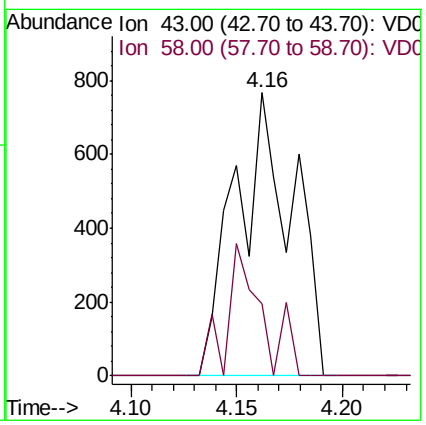


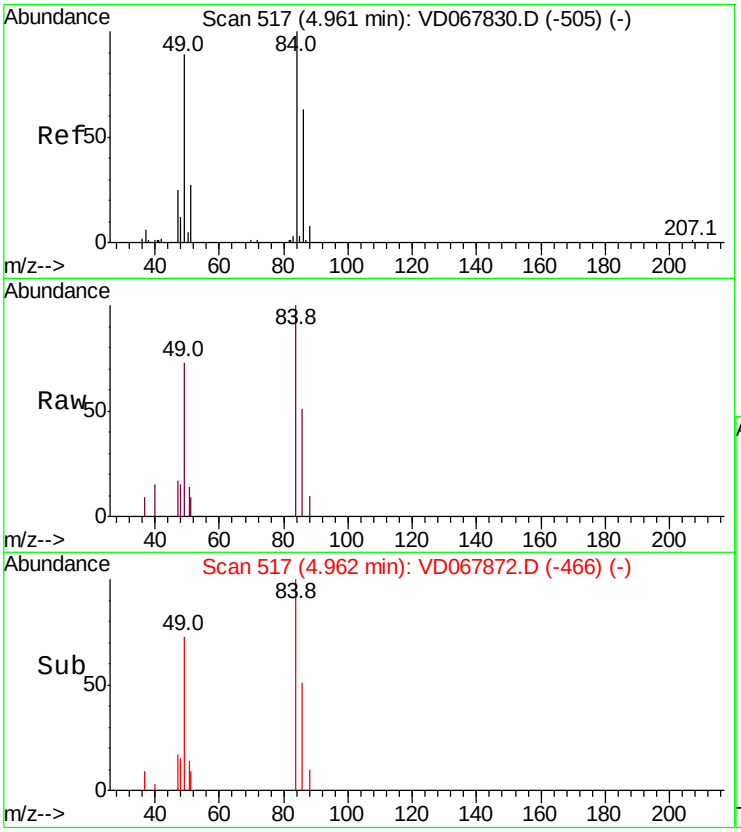


#16
Acetone
Concen: 4.706 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion: 43 Resp: 1454

Ion	Ratio	Lower	Upper
43	100		
58	25.4	21.9	32.9



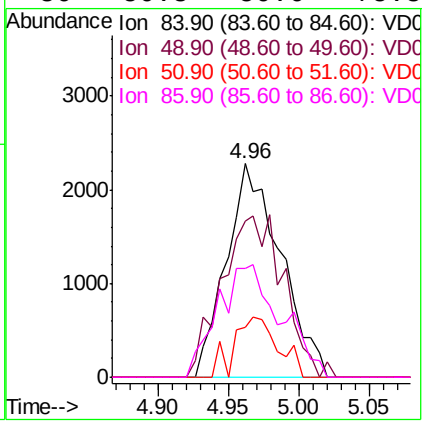


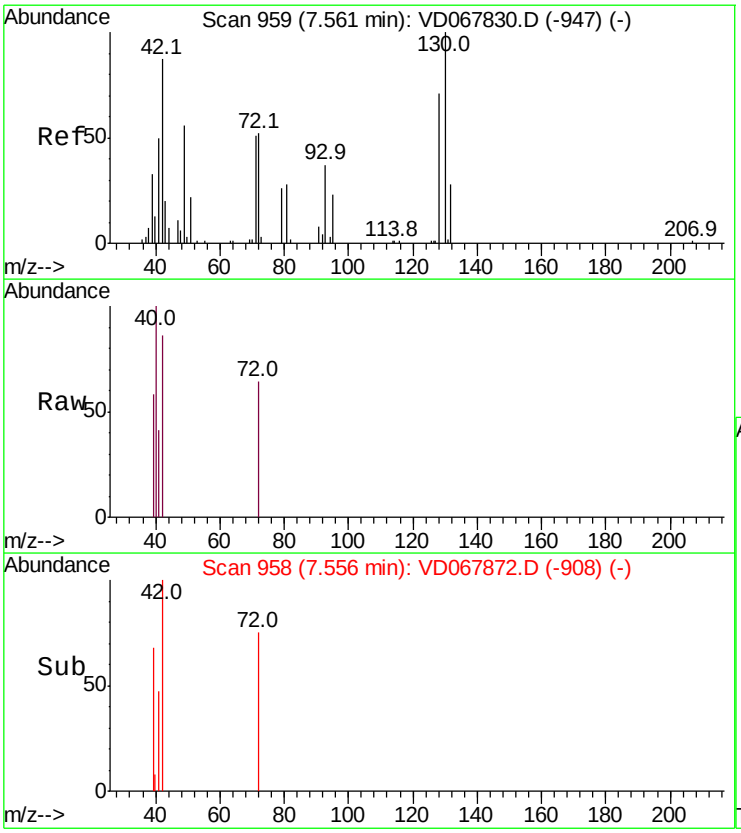
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument : MSVOA_D
ClientSampleId : OK-01-12220

Tgt Ion: 84 Resp: 6106

Ion	Ratio	Lower	Upper
84	100		
49	72.9	71.4	107.0
51	23.1	21.8	32.8
86	50.8	50.6	75.8

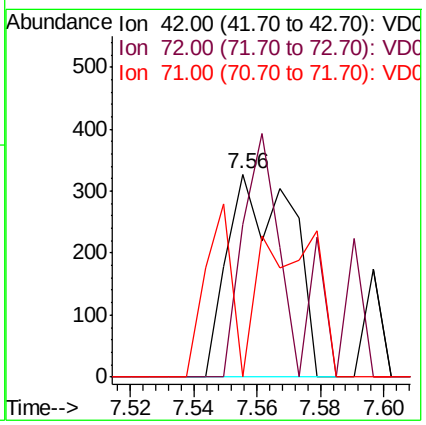


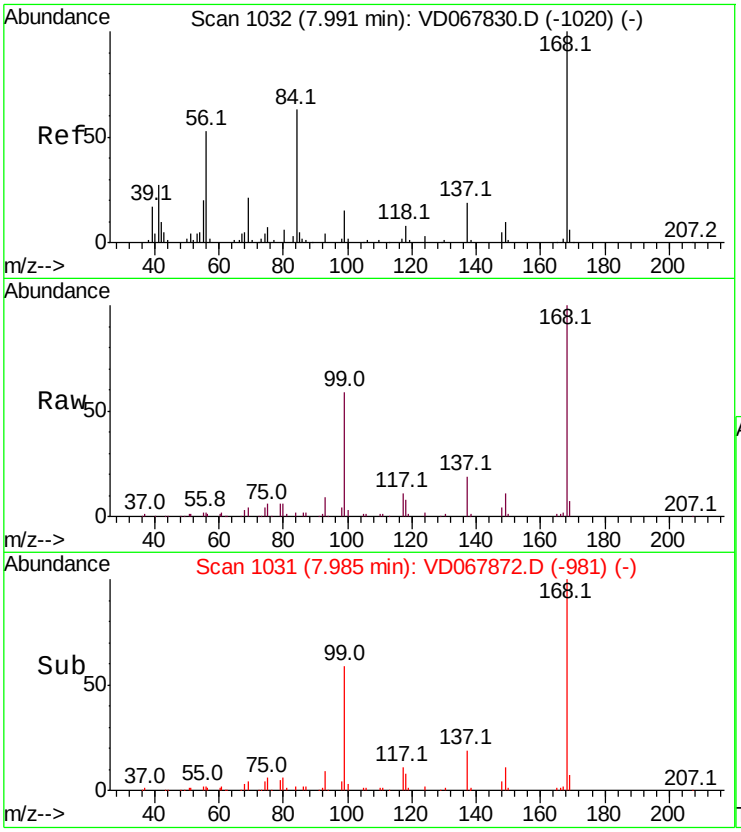


#29
Tetrahydrofuran
Concen: 2.454 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion: 42 Resp: 454

Ion	Ratio	Lower	Upper
42	100		
72	66.1	51.9	77.9
71	35.5	48.2	72.4#



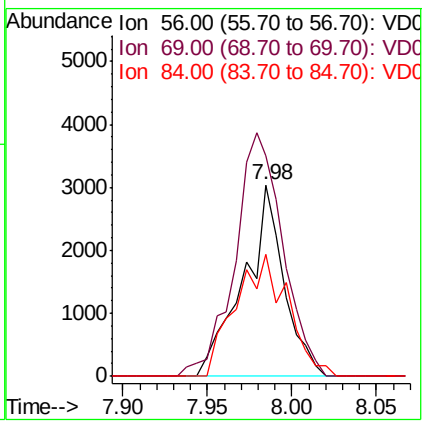


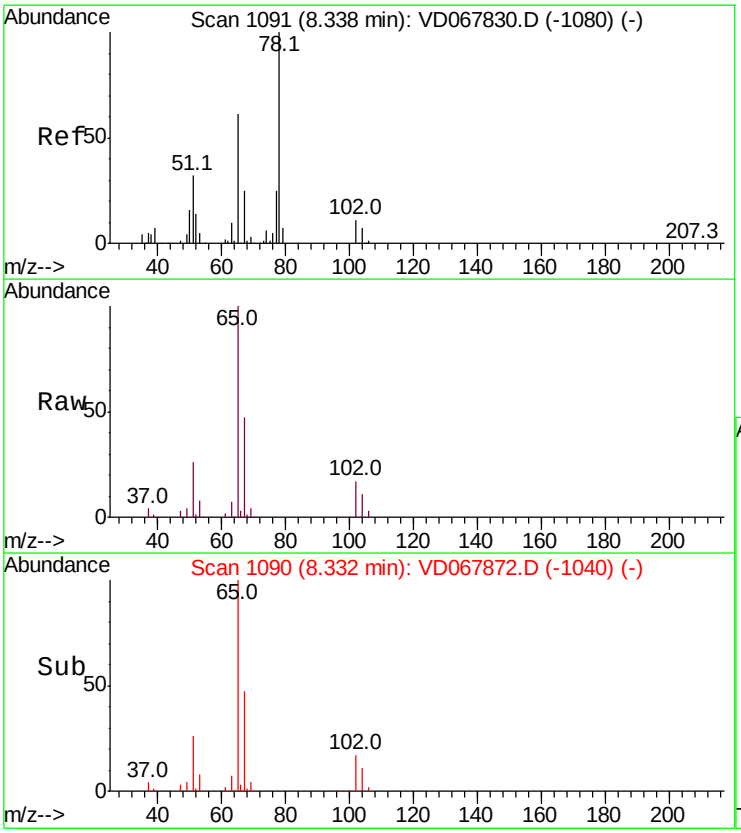
#31
Cyclohexane
Concen: 1.917 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tgt Ion: 56 Resp: 5050

Ion	Ratio	Lower	Upper
56	100		
69	115.2	32.1	48.1#
84	63.5	93.2	139.8#

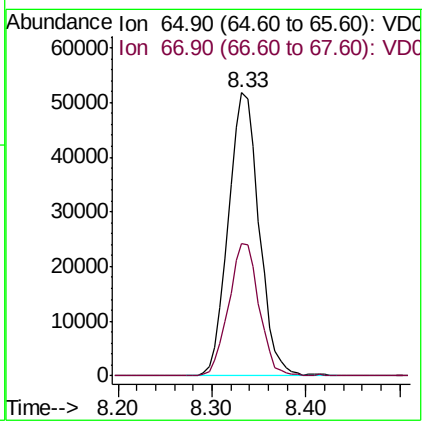


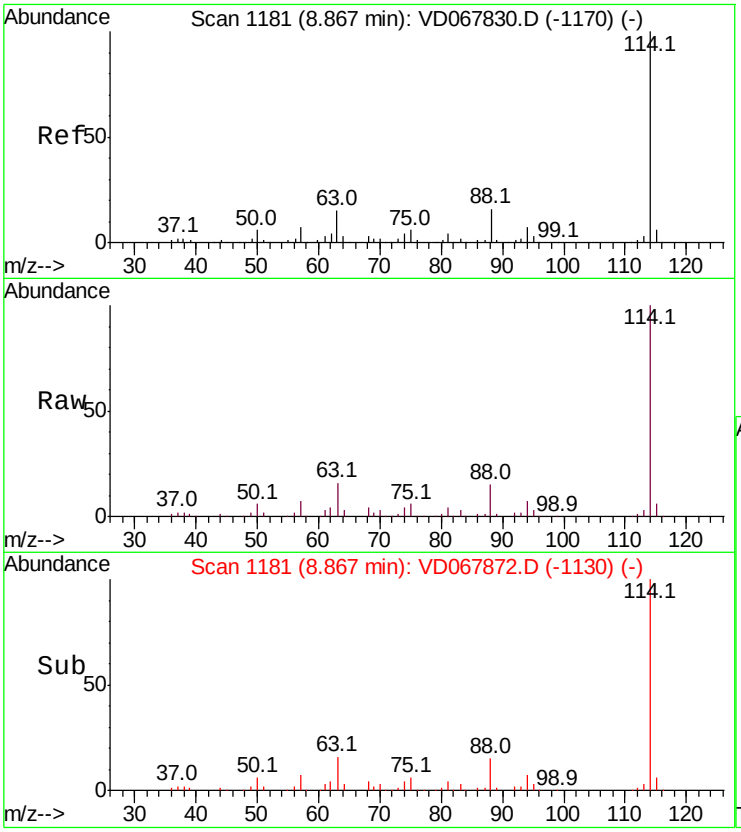


#33
1,2-Dichloroethane-d4
Concen: 47.138 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion: 65 Resp: 117860

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	92.0



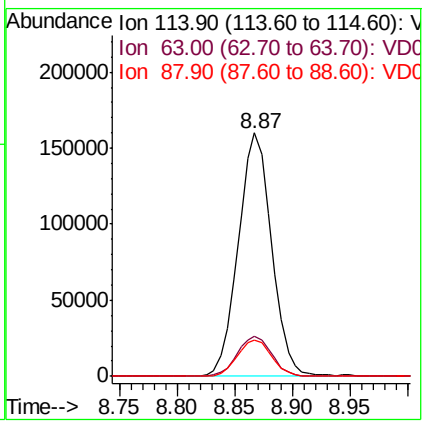


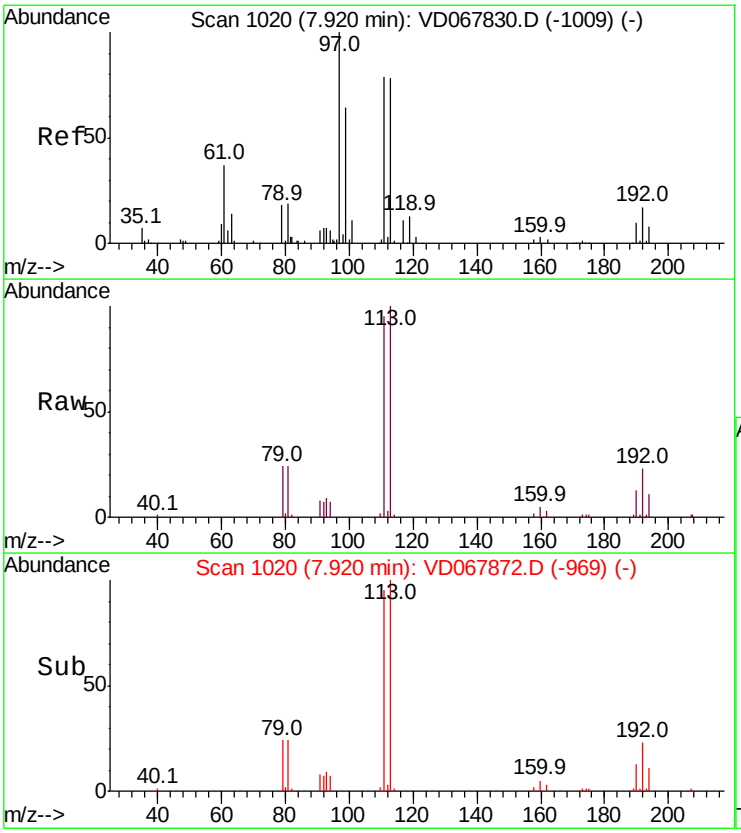
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tgt Ion:114 Resp: 321353

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	30.8
88	14.8	0.0	31.8

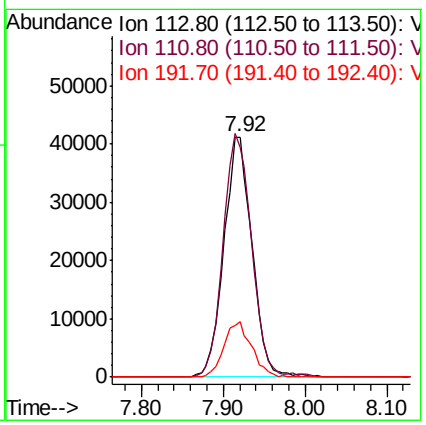


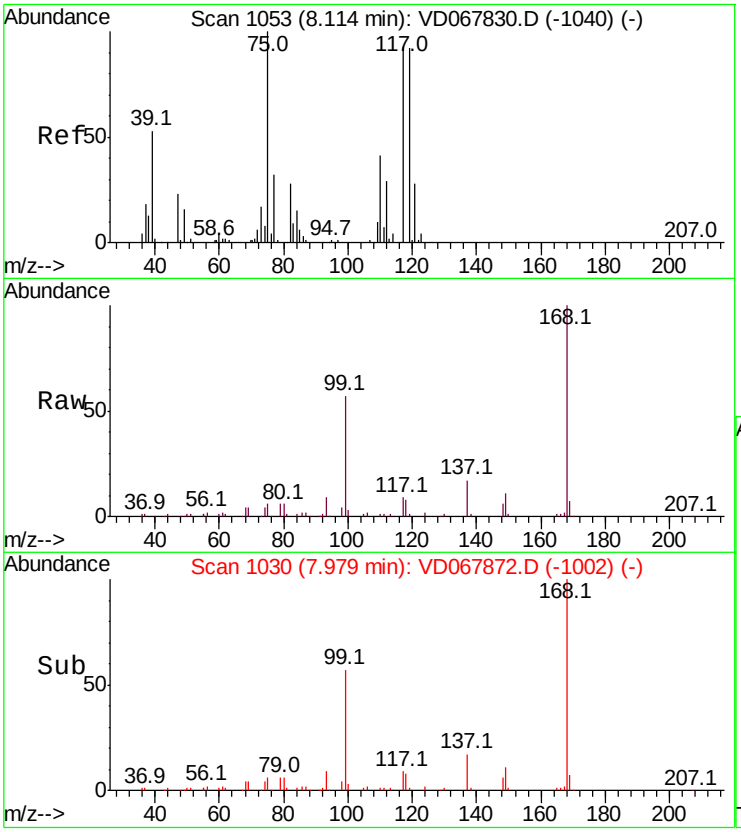


#35
Dibromofluoromethane
Concen: 45.859 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion:113 Resp: 98612

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	22.5	16.8	25.2



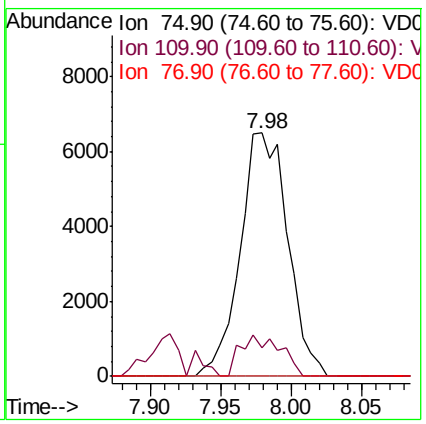


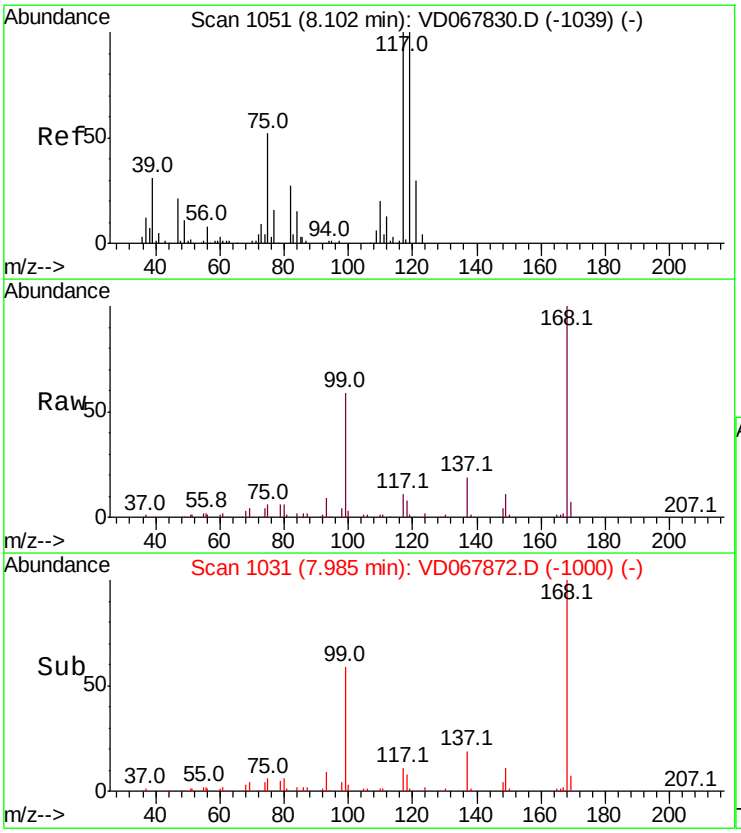
#36
1,1-Dichloropropene
Concen: 5.504 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tgt Ion: 75 Resp: 15313

Ion	Ratio	Lower	Upper
75	100		
110	14.3	20.3	61.0#
77	0.0	24.7	37.1#

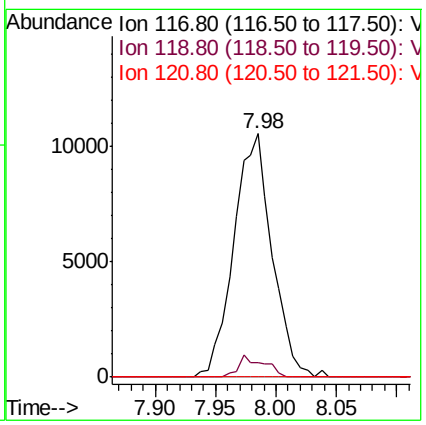


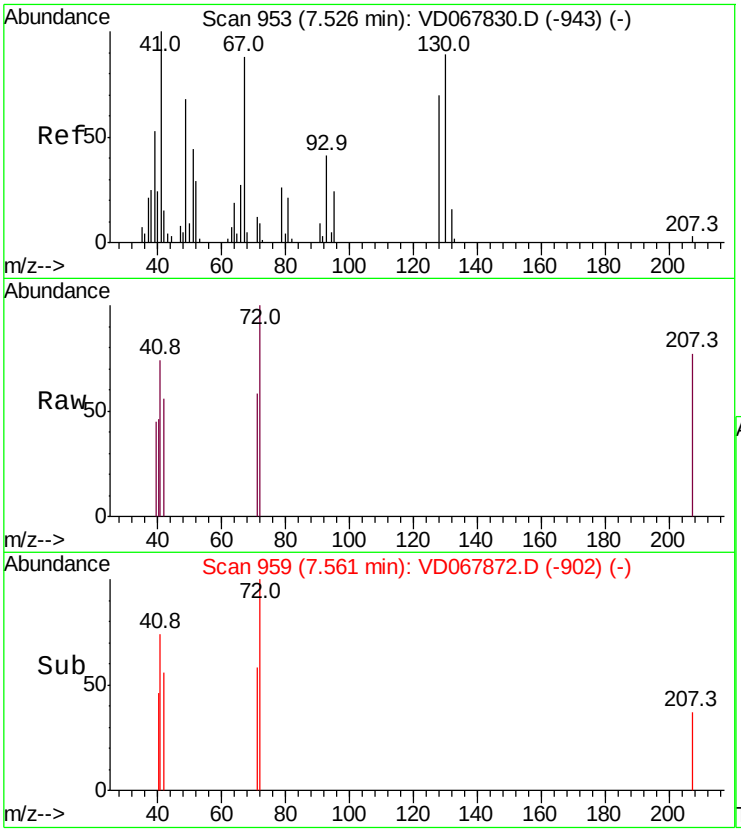


#38
Carbon Tetrachloride
Concen: 5.537 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion:117 Resp: 23306

Ion	Ratio	Lower	Upper
117	100		
119	6.2	79.7	119.5#
121	0.0	23.8	35.6#



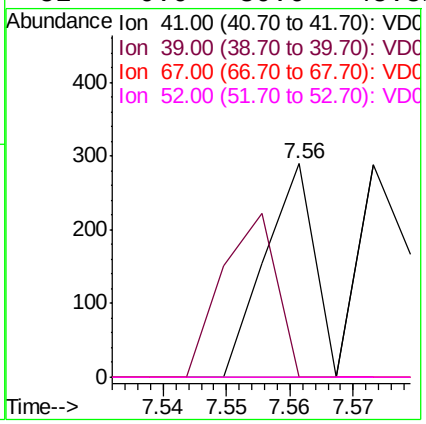


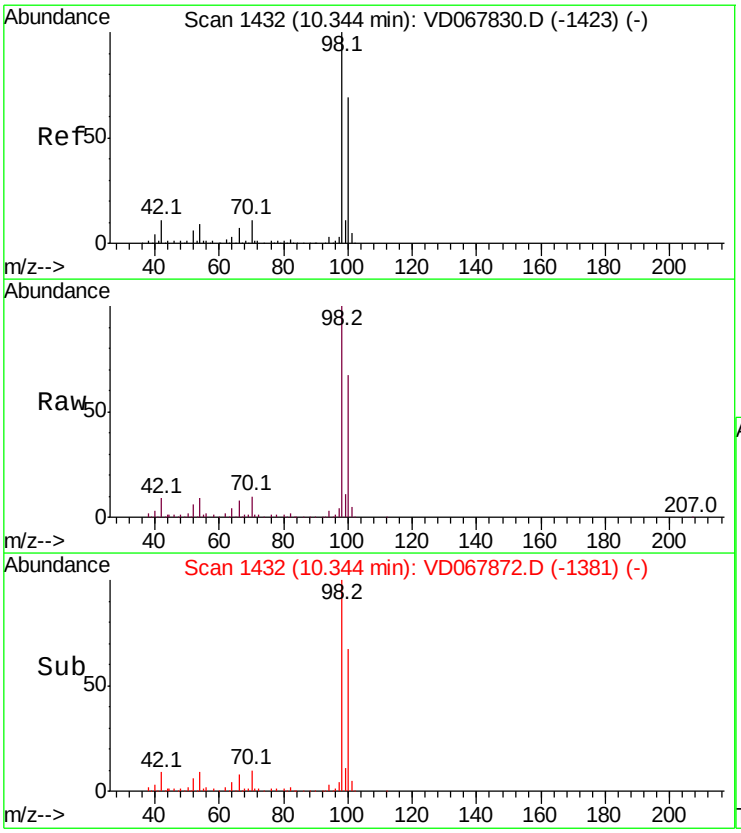
#41
Methacrylonitrile
Concen: Below Cal
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument : MSVOA_D
ClientSampleId : OK-01-12220

Tgt Ion: 41 Resp: 157

Ion	Ratio	Lower	Upper
41	100		
39	84.1	42.1	63.1#
67	0.0	82.4	123.6#
52	0.0	30.6	45.8#

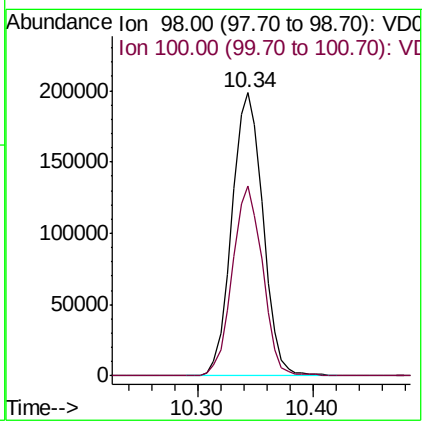


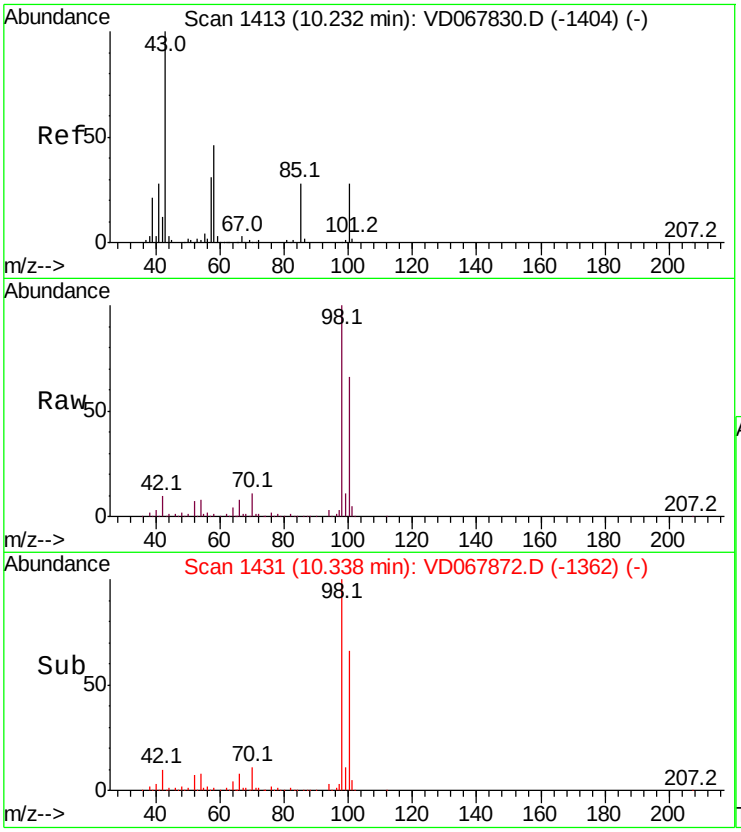


#50
Toluene-d8
Concen: 47.752 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion: 98 Resp: 369633

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3



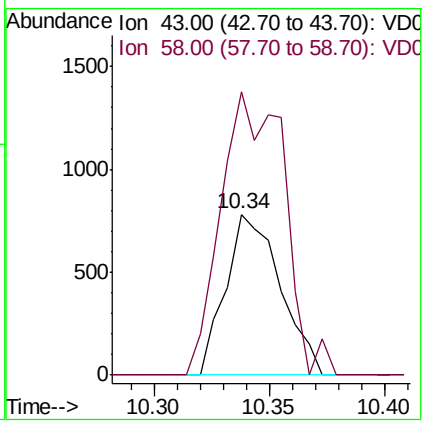


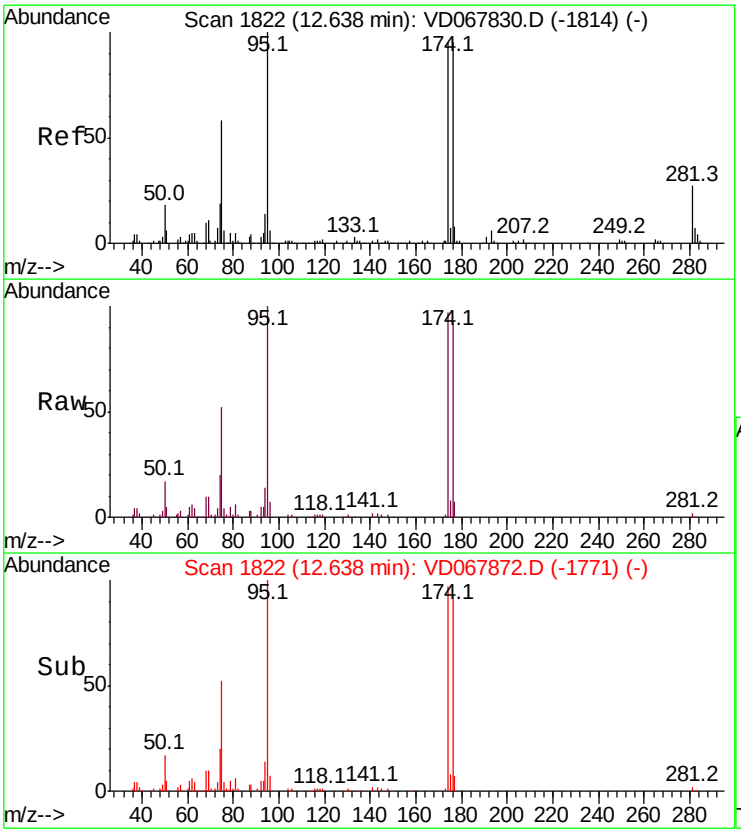
#51
4-Methyl-2-Pentanone
Concen: 1.842 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument : MSVOA_D
ClientSampleId : OK-01-12220

Tgt Ion: 43 Resp: 1286

Ion	Ratio	Lower	Upper
43	100		
58	204.0	35.7	53.5#

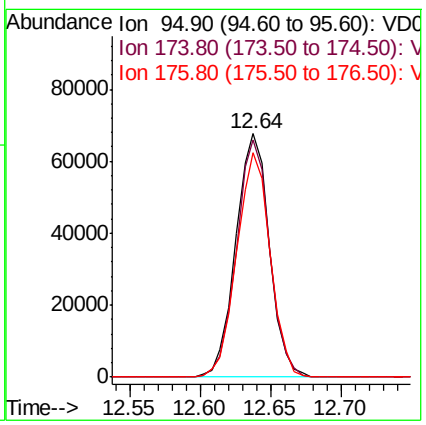


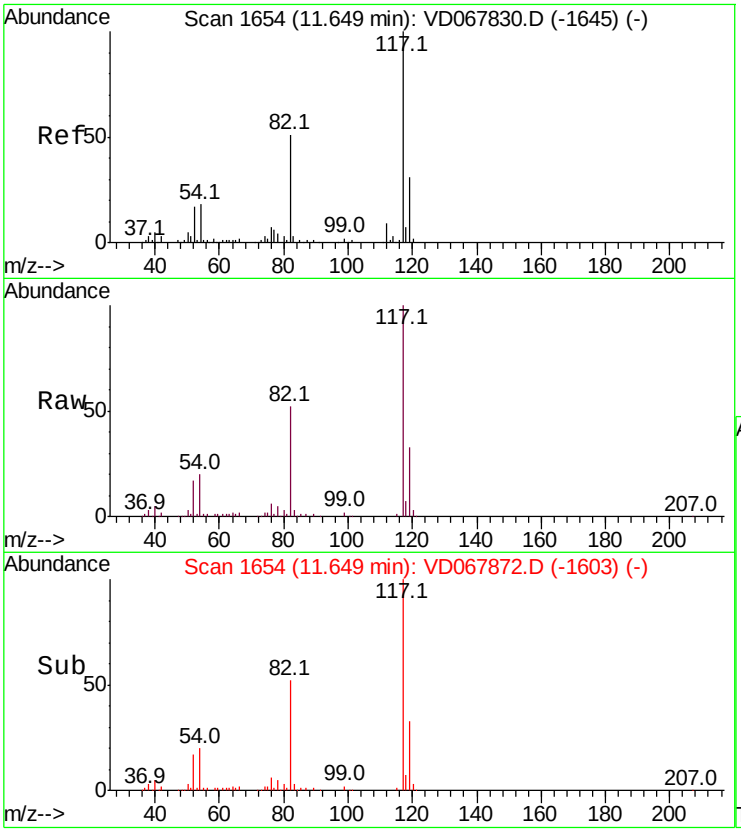


#62
4-Bromofluorobenzene
Concen: 41.907 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion: 95 Resp: 112152

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	186.0
176	91.9	0.0	184.2



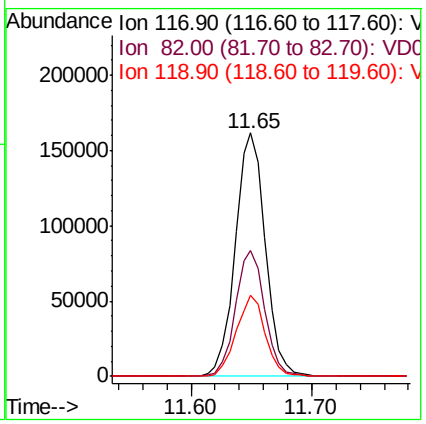


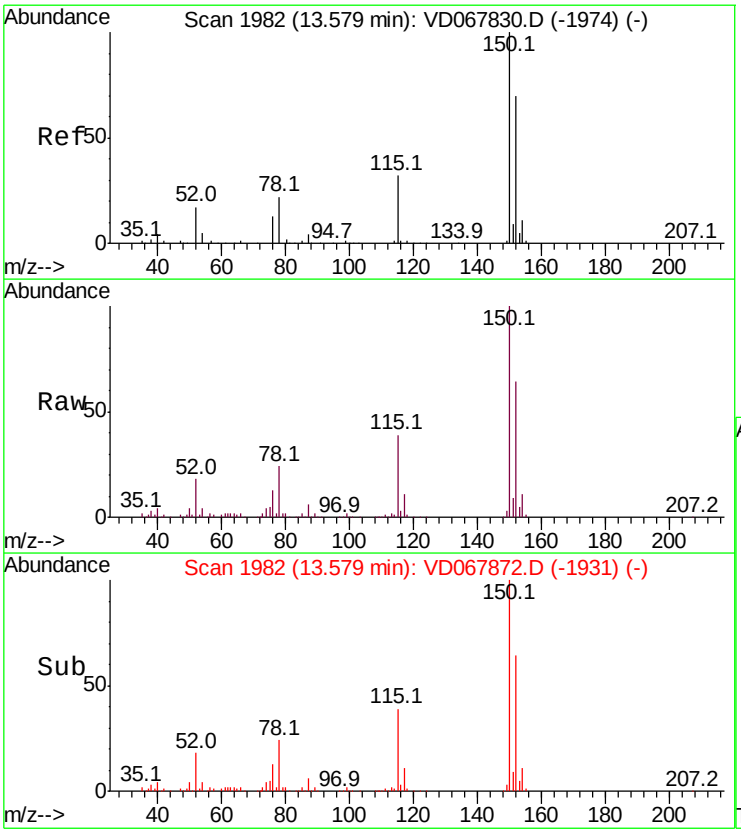
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tgt Ion:117 Resp: 279382

Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.6	60.8
119	33.1	25.1	37.7

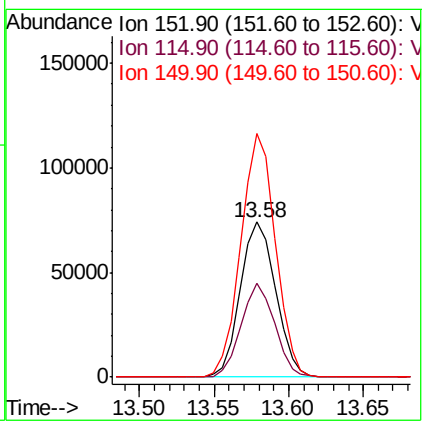


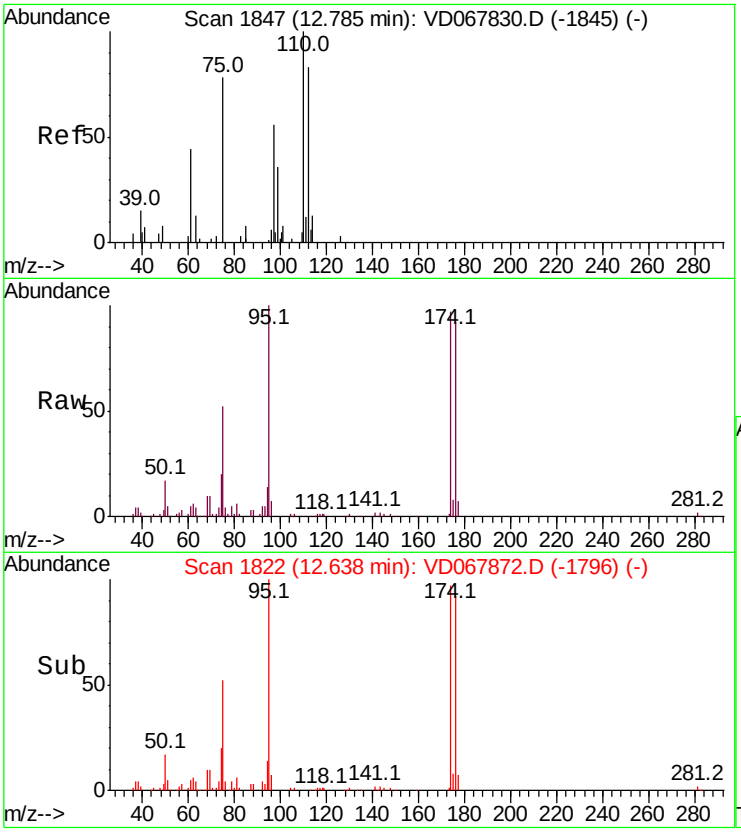


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion:152 Resp: 122165

Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.1	87.4
150	152.5	0.0	339.0



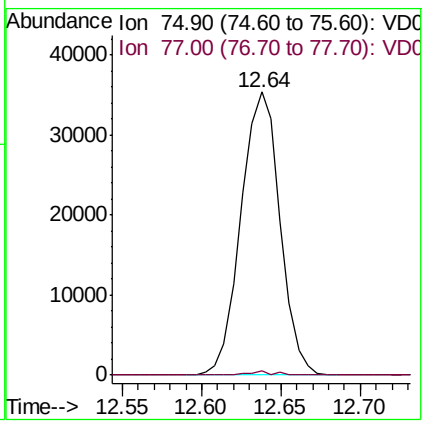


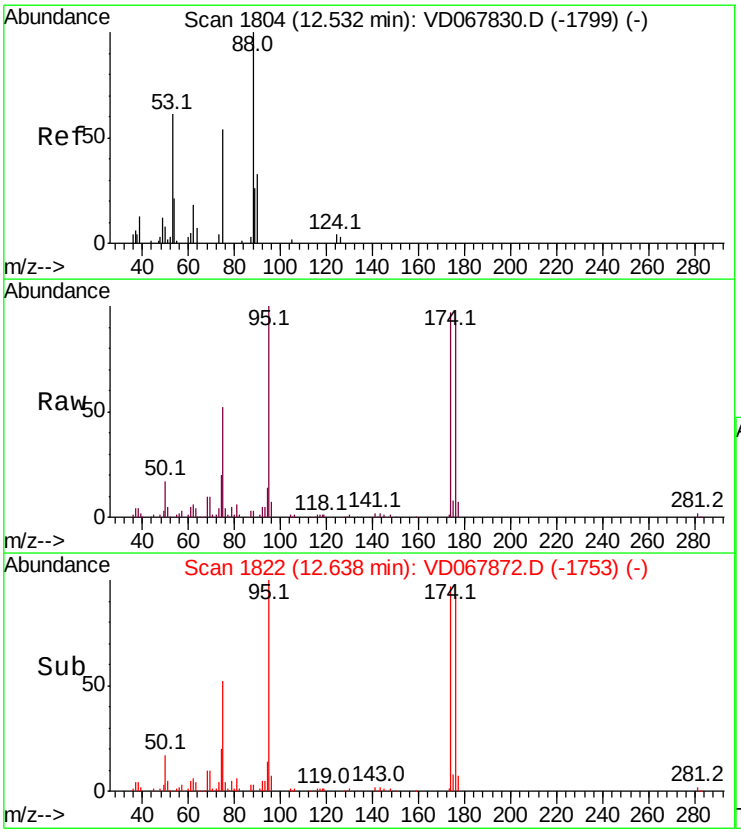
#76
1,2,3-Trichloropropane
Concen: 68.019 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
OK-01-12220

Tgt Ion: 75 Resp: 60513

Ion	Ratio	Lower	Upper
75	100		
77	0.8	175.9	527.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 162.709 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067872.D
Acq: 03 Dec 2020 17:27

Tgt Ion: 75 Resp: 60513

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