Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102720\
Data File : VD067417.D
Acq On : 27 Oct 2020 17:46
Operator : VA/SY
Sample : L4527-03
Misc : 5.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Quant Time: Oct 28 00:46:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	267333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	156206	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.64%			
35) Dibromofluoromethane	7.91	113	157082	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.88%			
50) Toluene-d8	10.34	98	543166	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.48%			
62) 4-Bromofluorobenzene	12.64	95	153755	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	212	Below Cal	#	44
5) Bromomethane	2.79	94	217	Below Cal		85
11) Tert butyl alcohol	5.23	59	190	Below Cal	#	81
16) Acetone	4.16	43	2511	6.694 ug/l	#	65
18) Methyl Acetate	4.71	43	965	1.128 ug/l	#	57
20) Methylene Chloride	4.95	84	759	Below Cal	#	75
29) Tetrahydrofuran	7.57	42	1182	4.973 ug/l	#	84
31) Cyclohexane	7.98	56	5166	1.675 ug/l	#	30
36) 1,1-Dichloropropene	7.98	75	18962	4.686 ug/l	#	51
38) Carbon Tetrachloride	7.98	117	27793	5.374 ug/l	#	17
70) Styrene	12.20	104	11505	1.329 ug/l		94
76) 1,2,3-Trichloropropane	12.64	75	79258	113.018 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	79258	256.291 ug/l	#	10

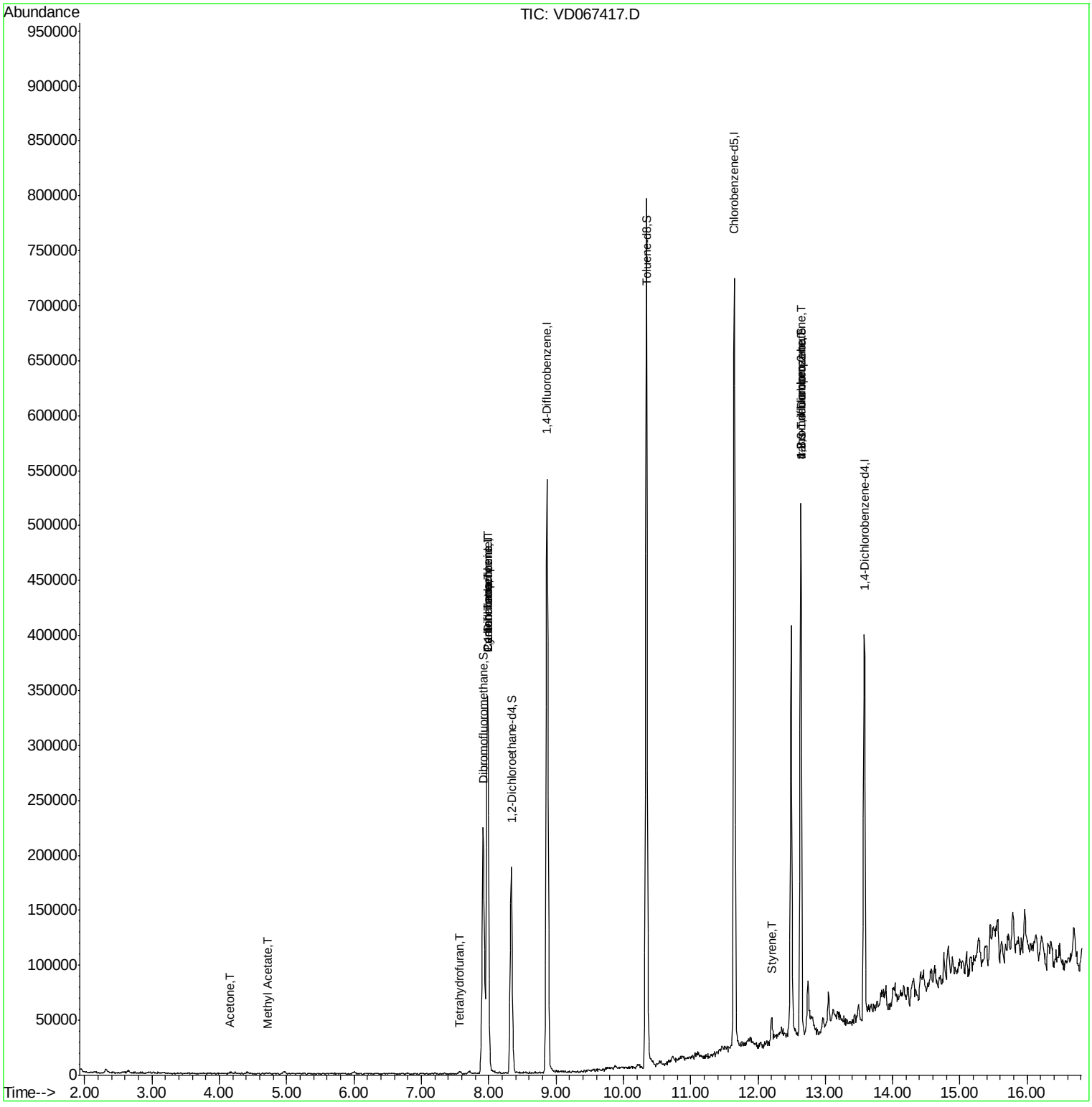
(#) = qualifier out of range (m) = manual integration (+) = signals summed

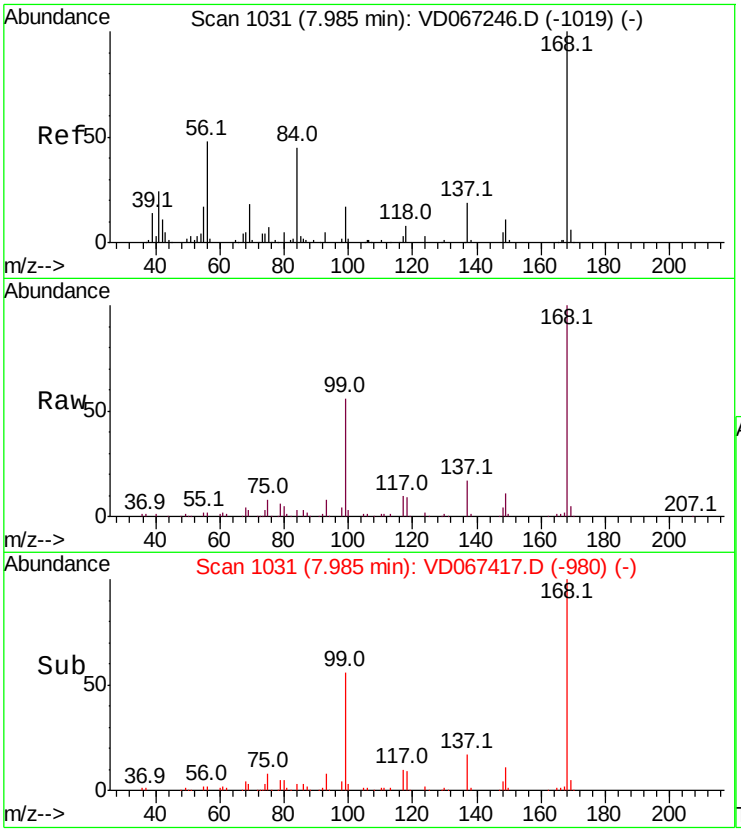
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102720\
Data File : VD067417.D
Acq On : 27 Oct 2020 17:46
Operator : VA/SY
Sample : L4527-03
Misc : 5.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Quant Time: Oct 28 00:46:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration



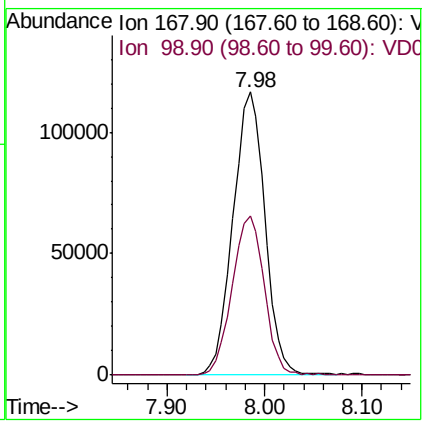


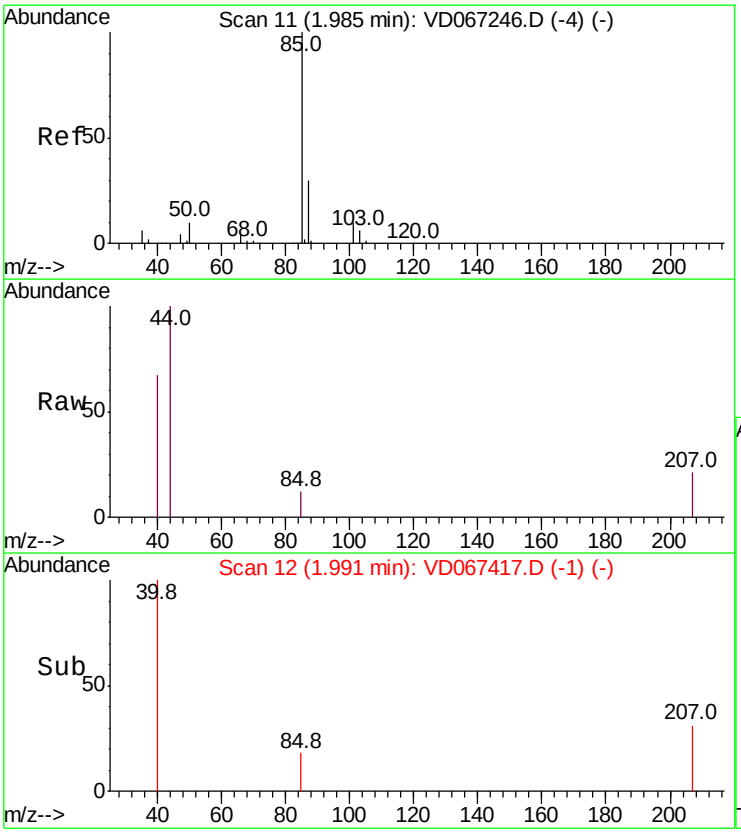
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

Tgt Ion:168 Resp: 267333

Ion	Ratio	Lower	Upper
168	100		
99	56.1	45.9	68.9

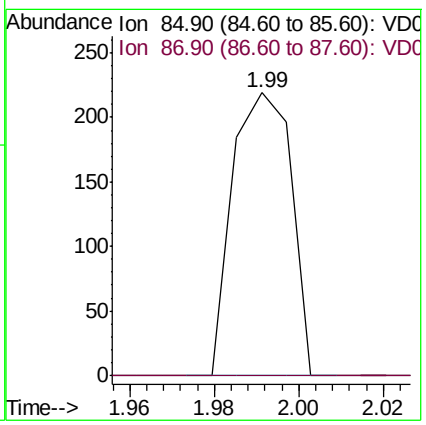


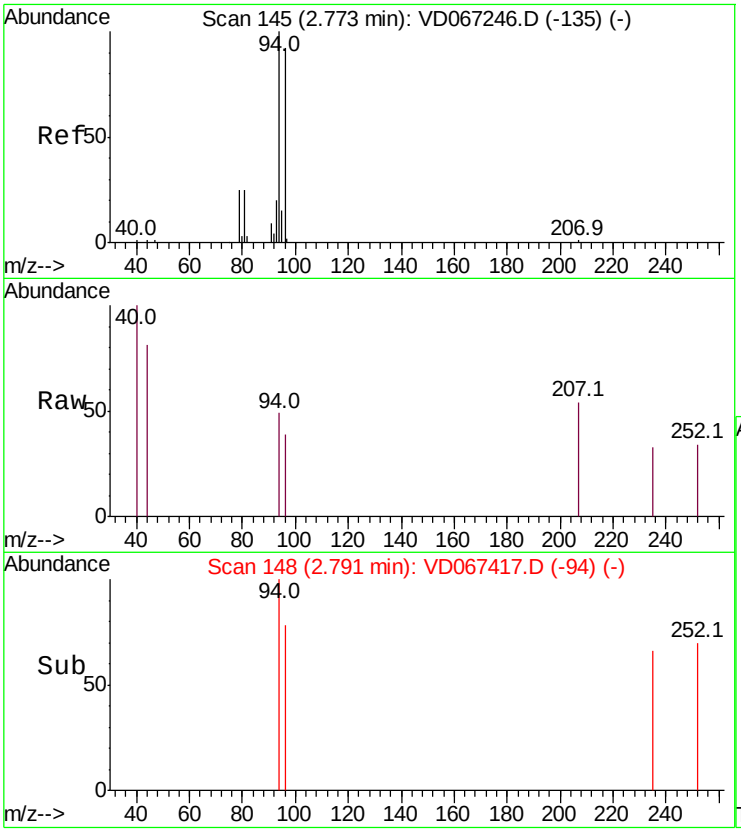


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 85 Resp: 212

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.2	45.6#



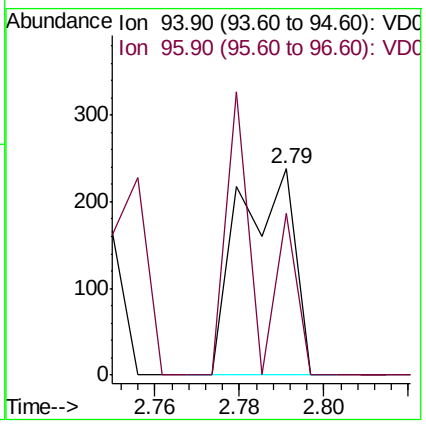


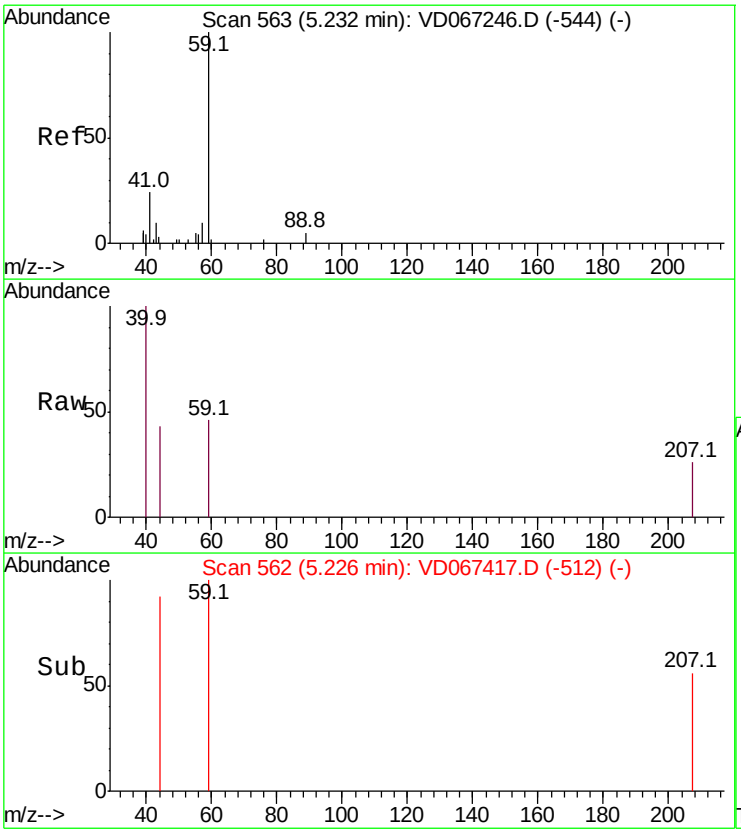
#5
Bromomethane
Concen: Below Cal
RT: 2.79 min Scan# 148
Delta R.T. 0.02 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

Tgt Ion: 94 Resp: 217

Ion	Ratio	Lower	Upper
94	100		
96	78.2	73.8	110.6

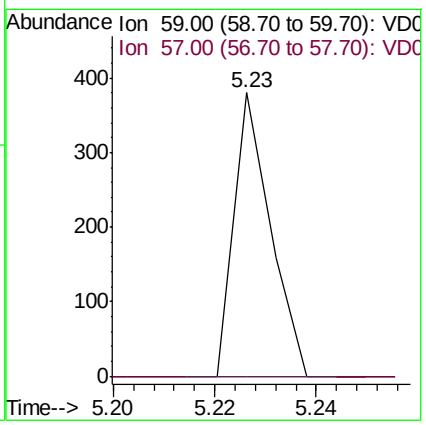


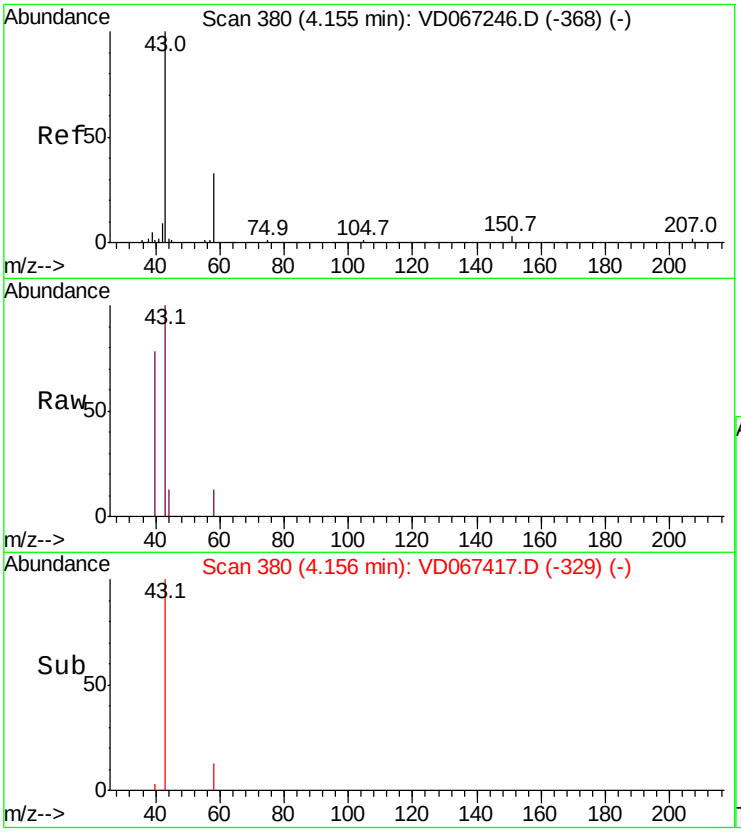


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 59 Resp: 190

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.1	7.7#



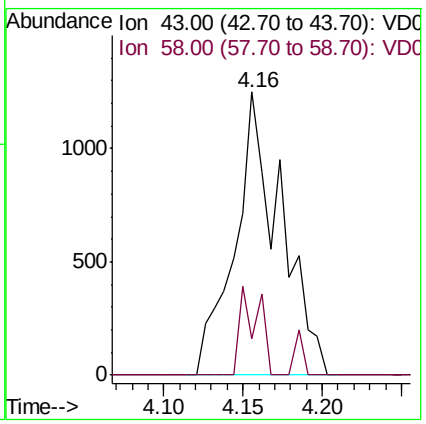


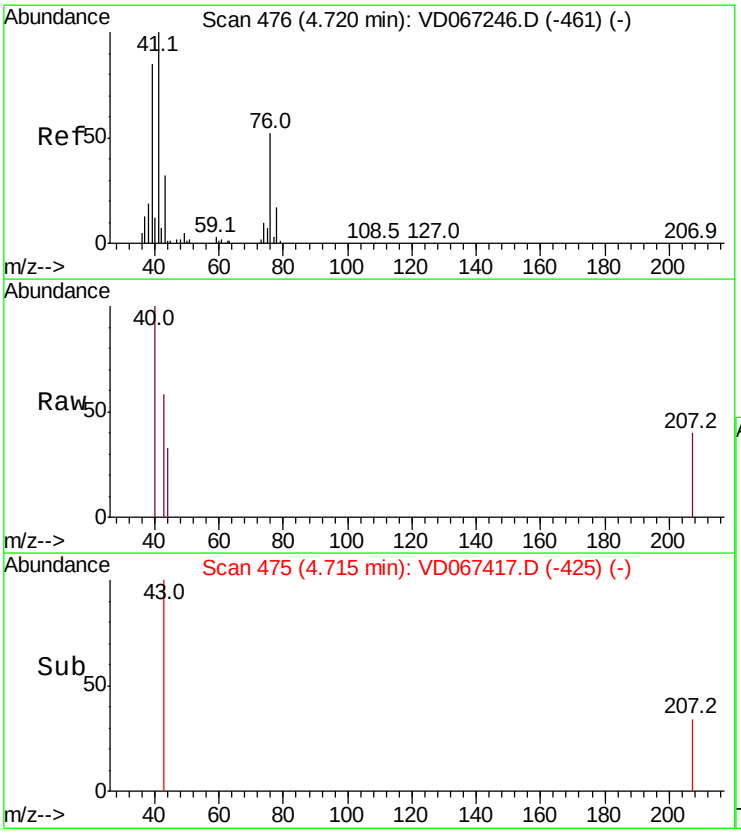
#16
Acetone
Concen: 6.694 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion: 43 Resp: 2511

Ion	Ratio	Lower	Upper
43	100		
58	12.9	26.1	39.1#

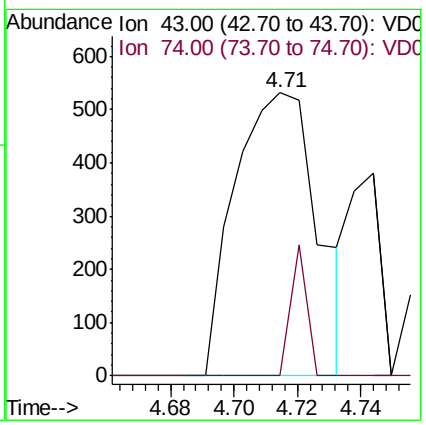


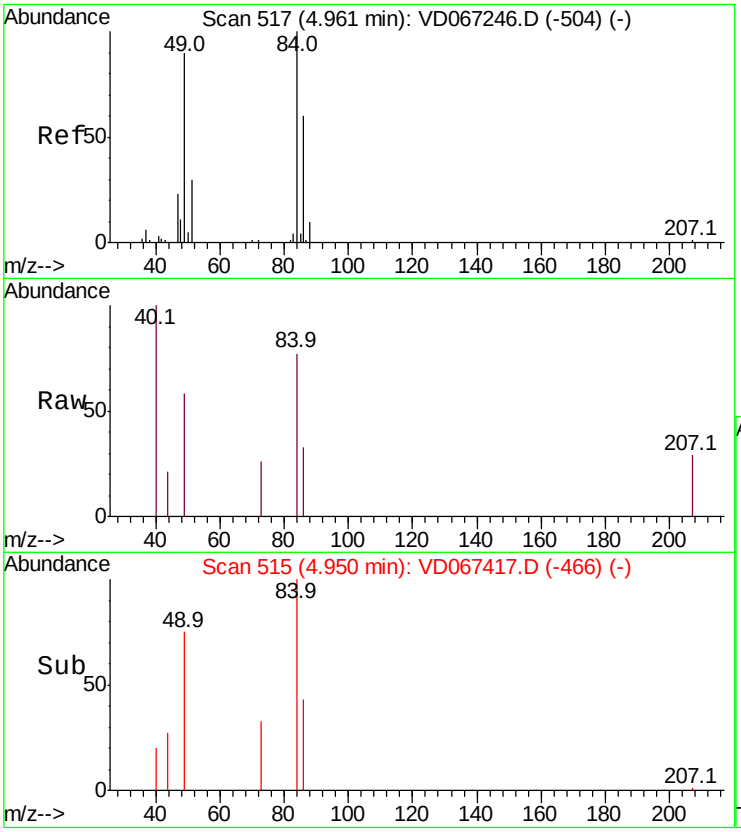


#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 43 Resp: 965

Ion	Ratio	Lower	Upper
43	100		
74	9.0	26.6	39.8#



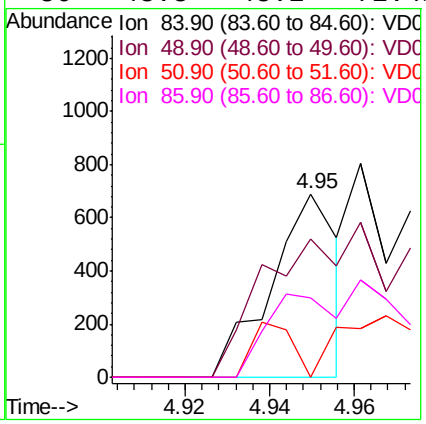


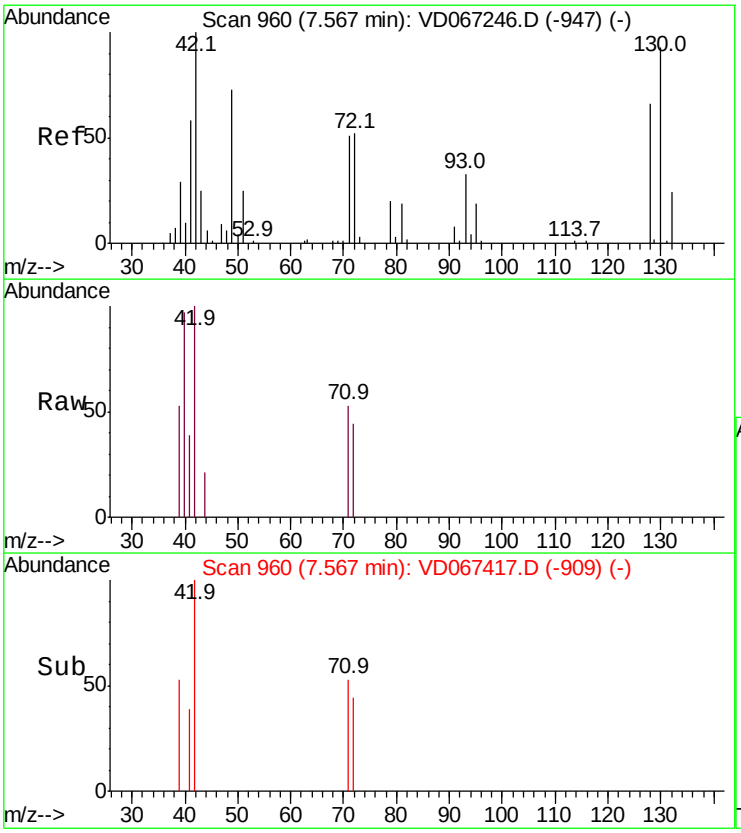
#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion: 84 Resp: 759

Ion	Ratio	Lower	Upper
84	100		
49	75.2	72.2	108.2
51	0.0	23.8	35.8#
86	43.3	48.2	72.4#

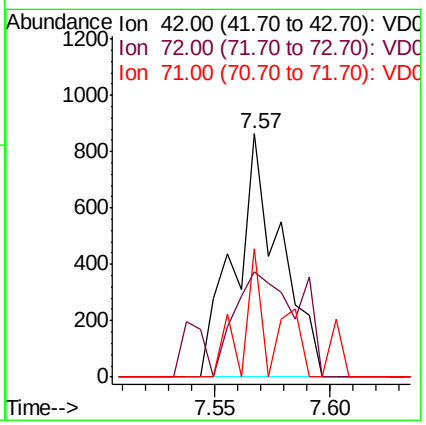


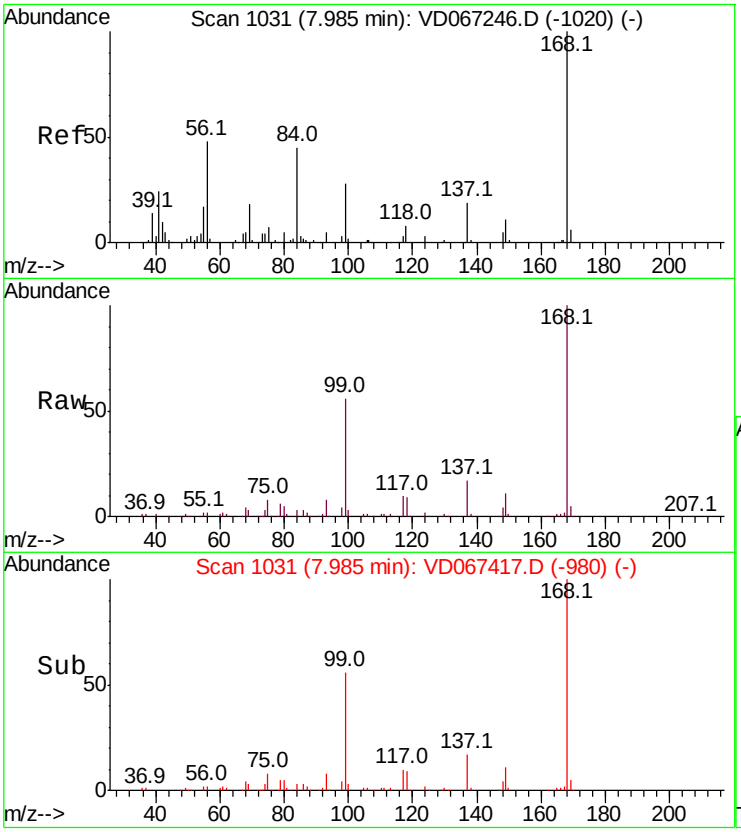


#29
Tetrahydrofuran
Concen: 4.973 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 42 Resp: 1182

Ion	Ratio	Lower	Upper
42	100		
72	60.9	43.2	64.8
71	33.8	39.4	59.0#



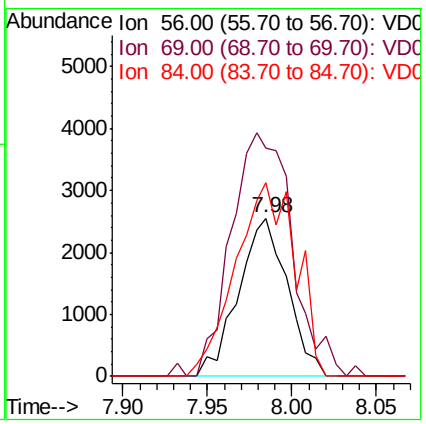


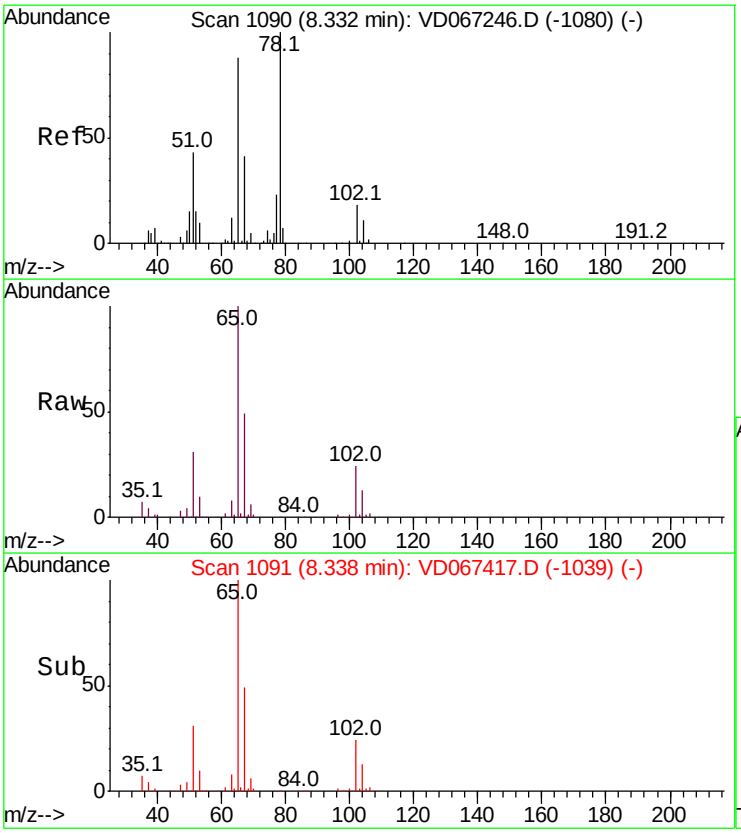
#31
Cyclohexane
Concen: 1.675 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion: 56 Resp: 5166

Ion	Ratio	Lower	Upper
56	100		
69	144.0	29.8	44.6#
84	122.6	76.6	114.8#

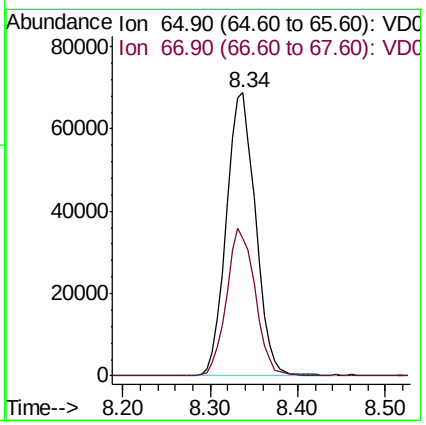


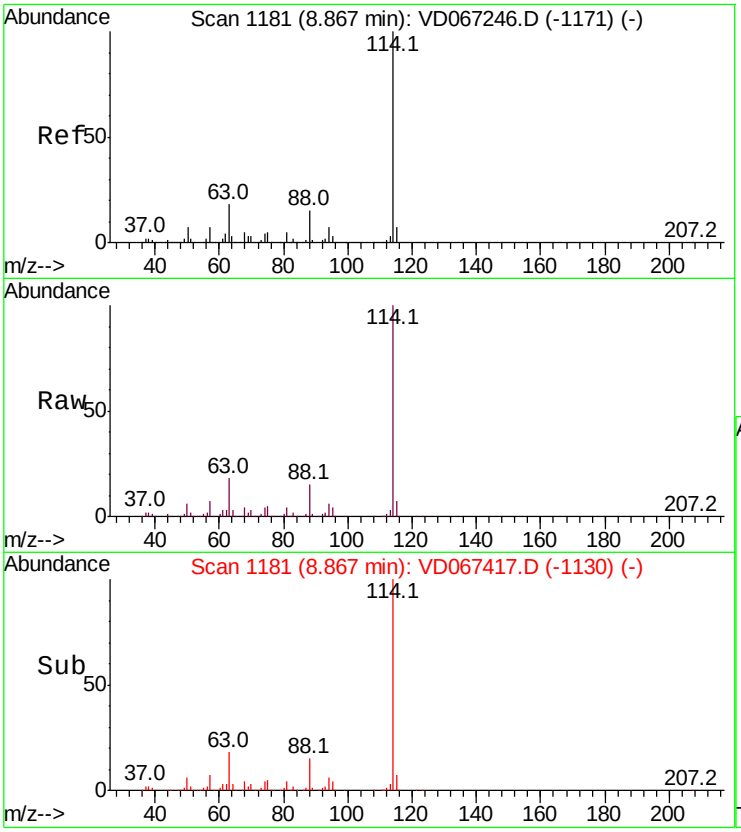


#33
1,2-Dichloroethane-d4
Concen: 58.323 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 65 Resp: 156206

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.8



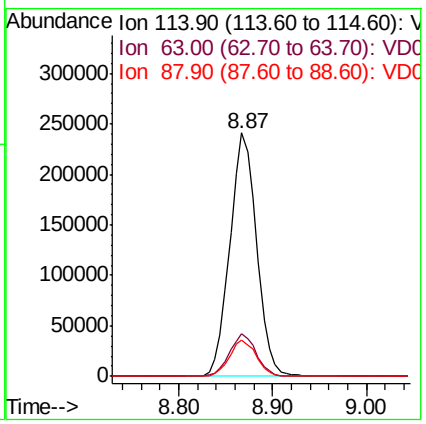


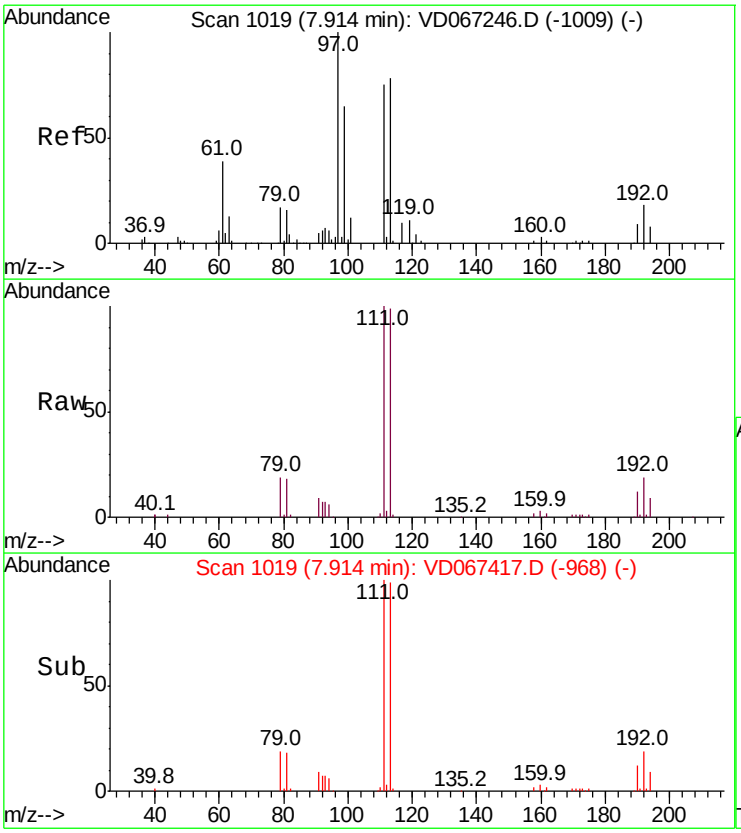
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion:114 Resp: 477455

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	14.8	0.0	30.6

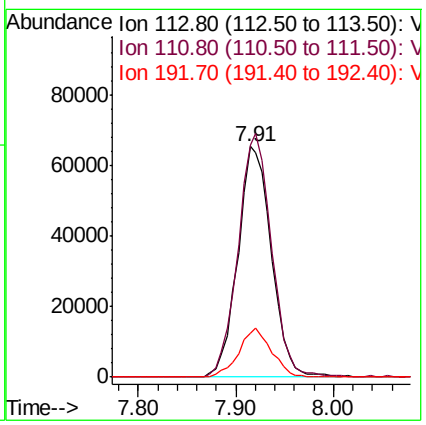


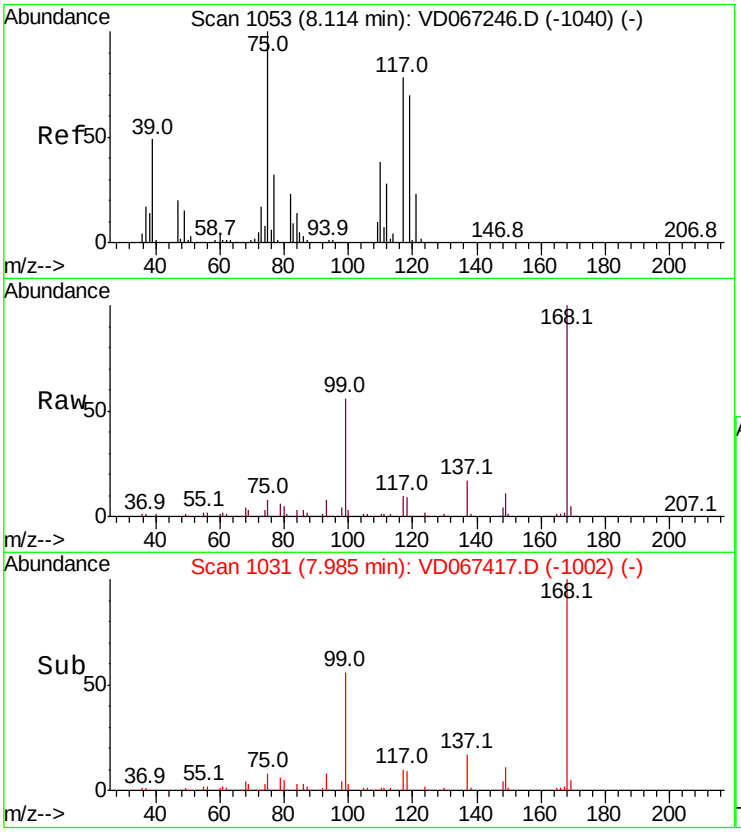


#35
Dibromofluoromethane
Concen: 49.436 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion:113 Resp: 157082

Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.6	122.4
192	20.7	17.0	25.4



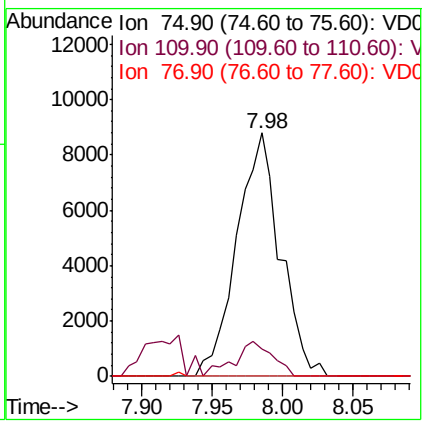


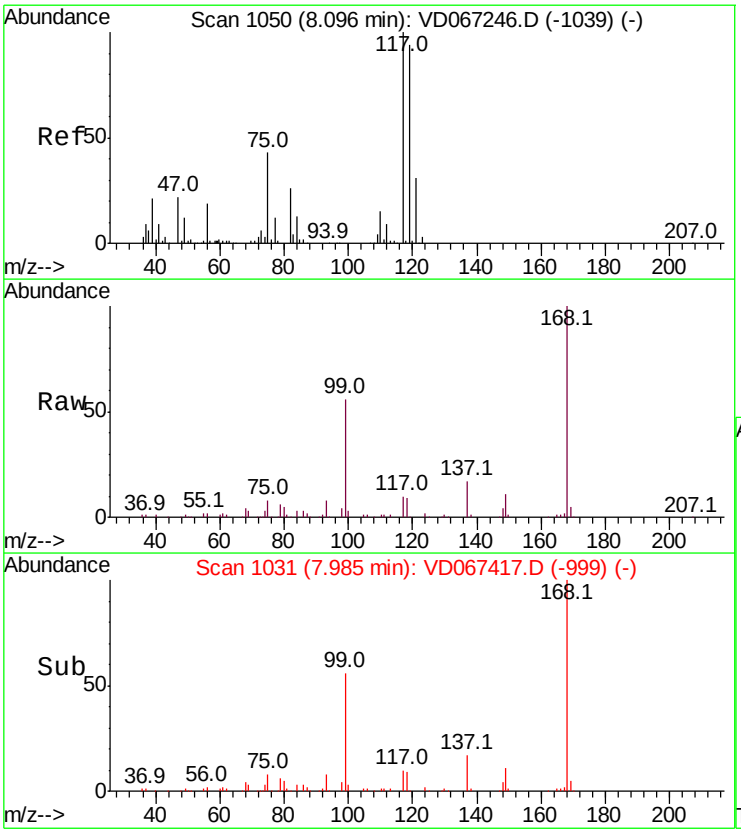
#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

Tgt Ion: 75 Resp: 18962

Ion	Ratio	Lower	Upper
75	100		
110	12.5	19.6	58.7#
77	0.0	24.6	37.0#

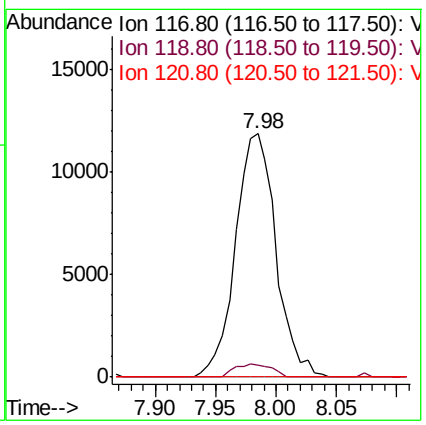


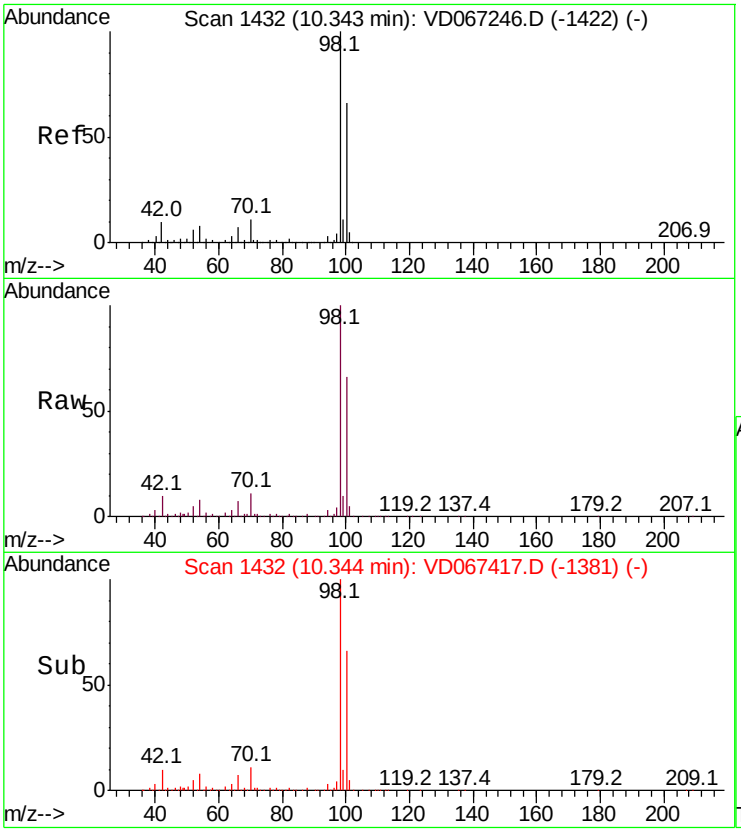


#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion:117 Resp: 27793

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.0	112.4#
121	0.0	24.9	37.3#



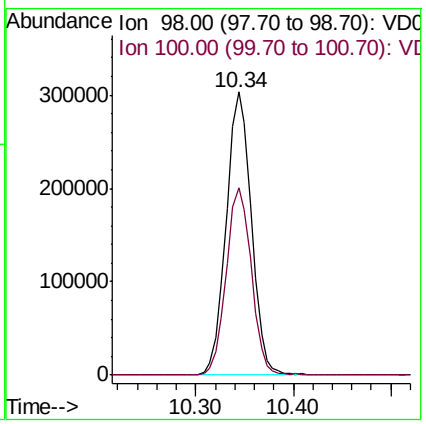


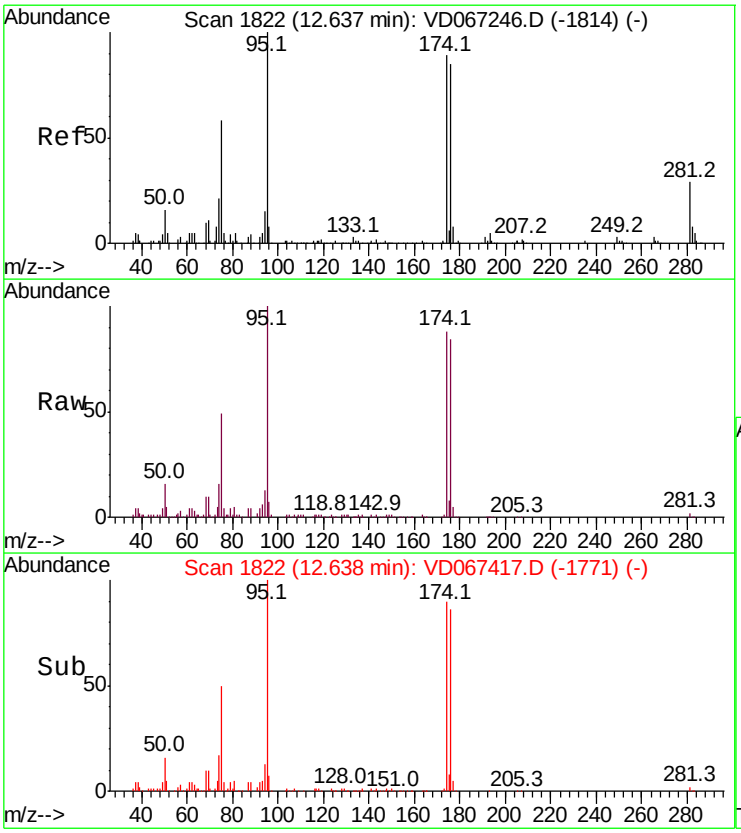
#50
Toluene-d8
Concen: 47.236 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion: 98 Resp: 543166

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

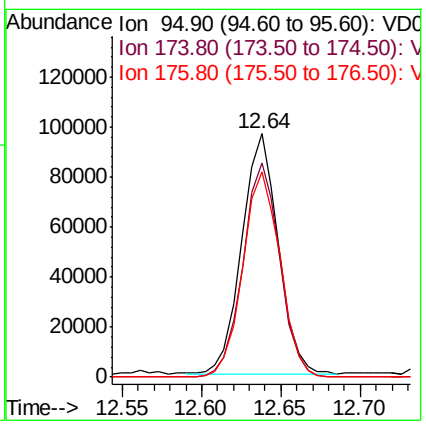


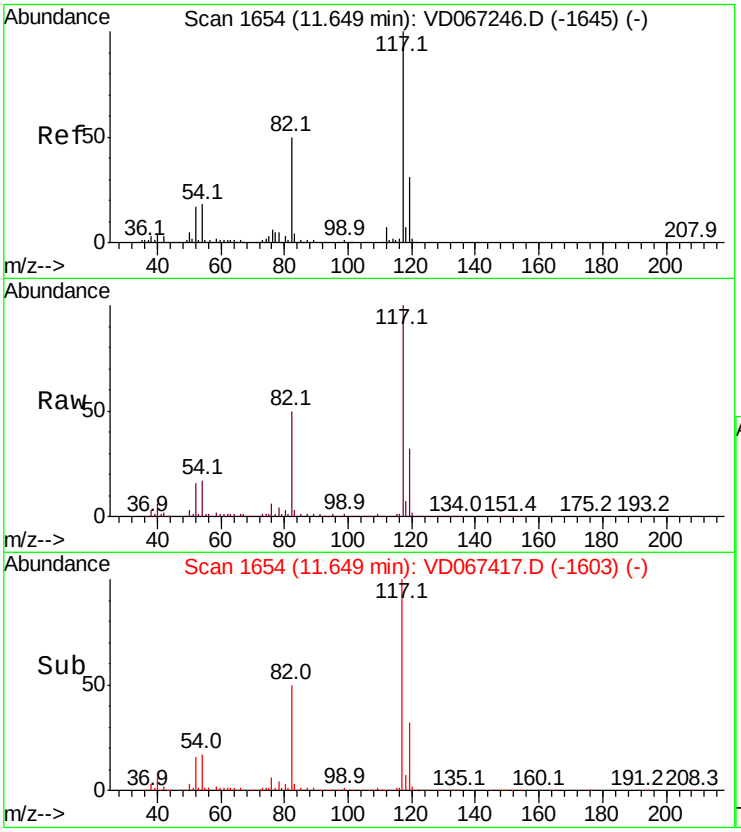


#62
4-Bromofluorobenzene
Concen: 38.454 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 95 Resp: 153755

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	175.2
176	87.4	0.0	168.6



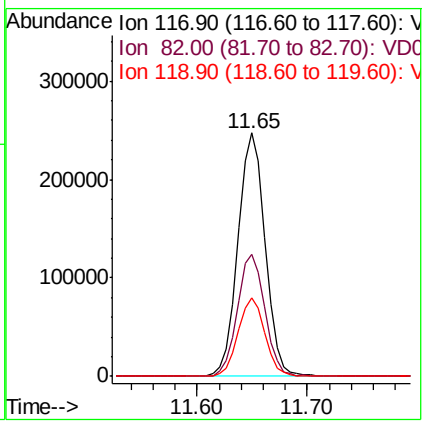


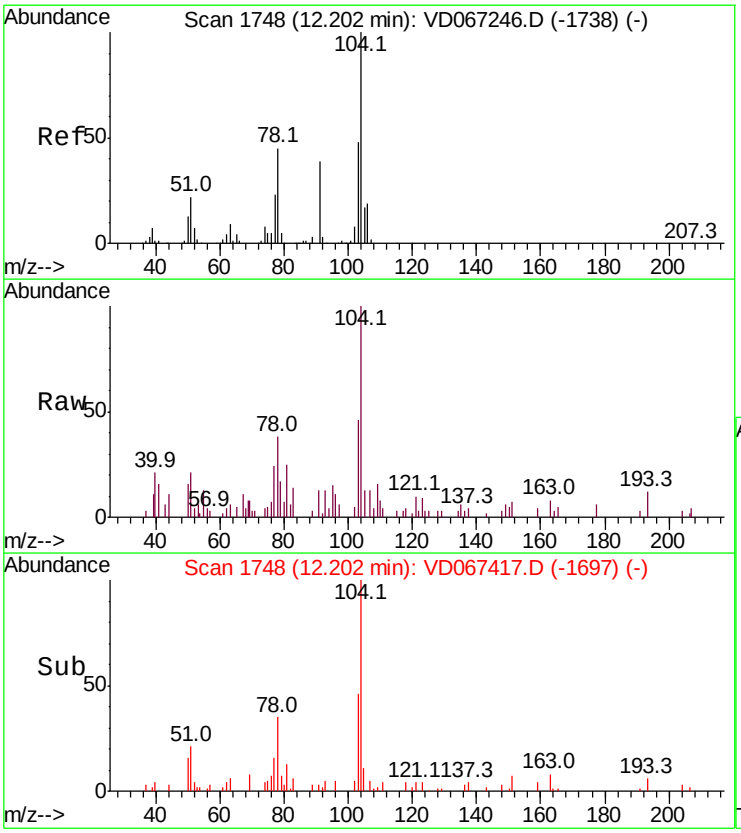
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion:117 Resp: 428982

Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.9	59.9
119	32.0	24.9	37.3

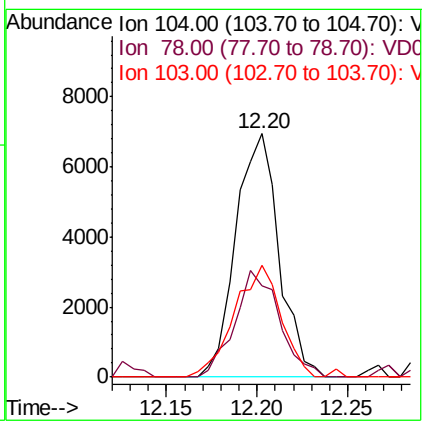


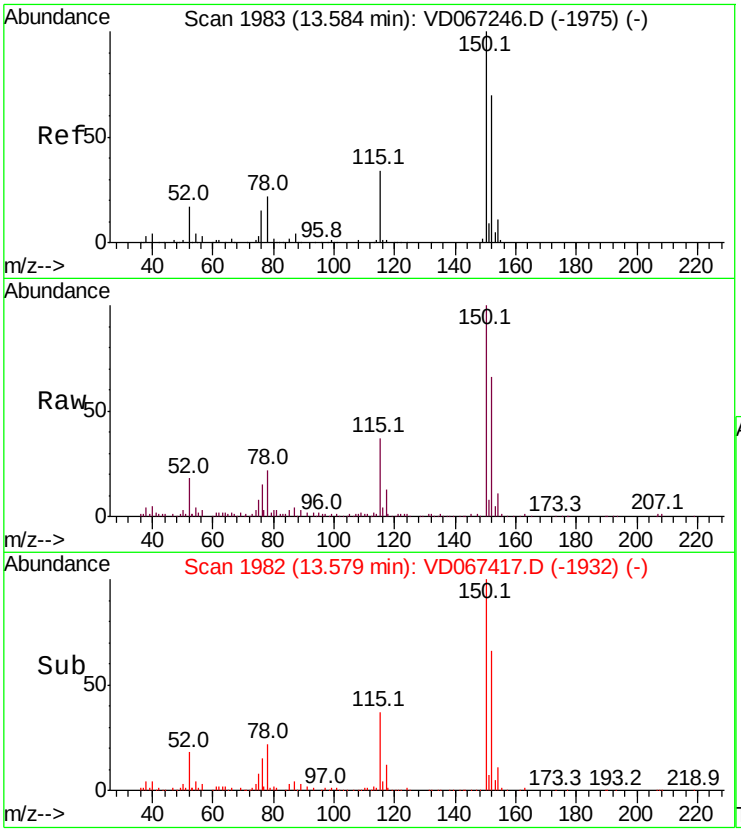


#70
Styrene
Concen: 1.329 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion:104 Resp: 11505

Ion	Ratio	Lower	Upper
104	100		
78	45.3	39.8	59.6
103	49.6	42.6	64.0



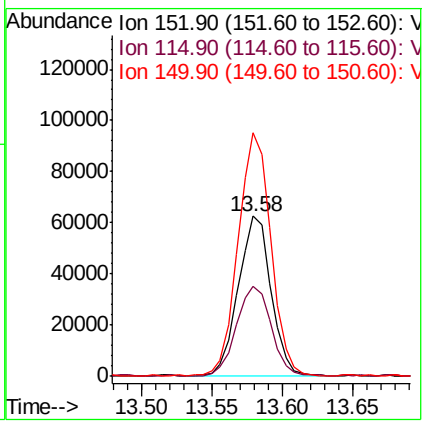


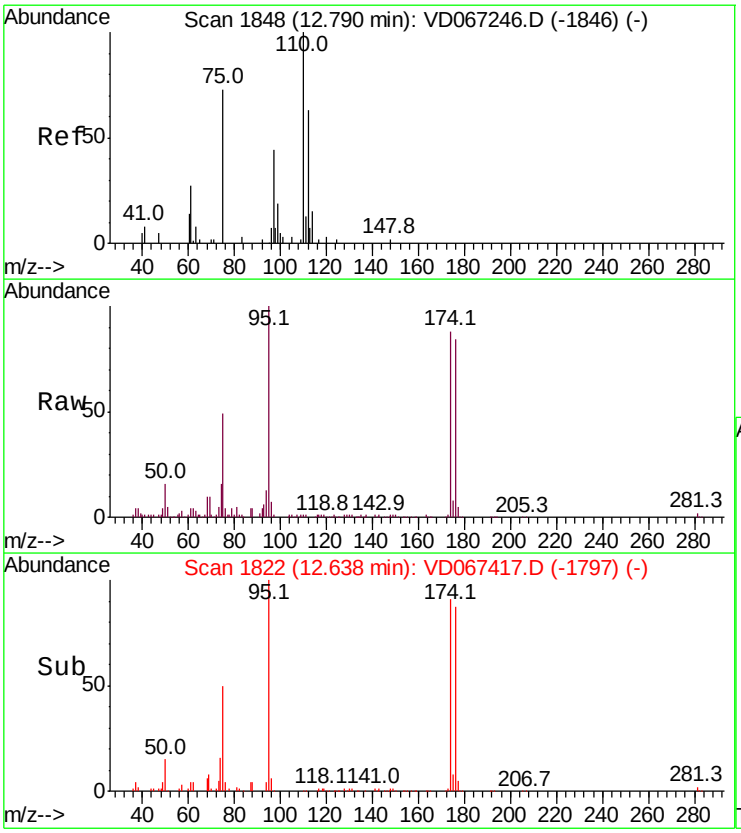
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument : MSVOA_D
ClientSampleId : VNJ-206

Tgt Ion:152 Resp: 101182

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	87.9
150	151.8	0.0	339.0

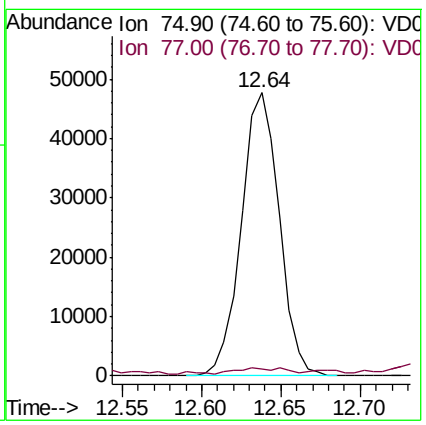


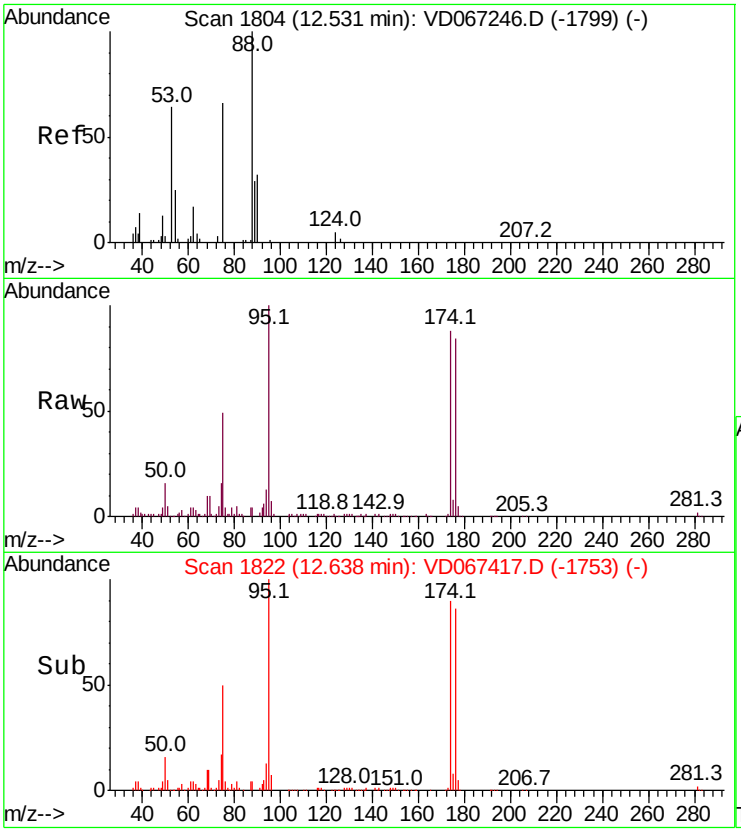


#76
1,2,3-Trichloropropane
Concen: 113.018 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion: 75 Resp: 79258

Ion	Ratio	Lower	Upper
75	100		
77	2.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 256.291 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

Tgt Ion: 75 Resp: 79258

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.1	39.9	59.9#