Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012320\
Data File : VD064935.D
Acq On : 23 Jan 2020 14:38
Operator : VA/SY
Sample : VD0123SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BFB

Quant Time: Jan 23 15:08:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	548328	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	861596	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	817004	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390857	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	266971	50.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.52%				
35) Dibromofluoromethane	7.92	113	266667	49.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.50%				
50) Toluene-d8	10.34	98	1047241	50.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.22%				
62) 4-Bromofluorobenzene	12.64	95	346128	54.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.24%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	4222	1.02	ug/l		88
3) Chloromethane	2.21	50	6549	1.08	ug/l		99
5) Bromomethane	2.78	94	4814	1.03	ug/l	#	68
7) Trichlorofluoromethane	3.27	101	11971	1.11	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	5391	1.08	ug/l	#	76
11) Tert butyl alcohol	5.26	59	644	2.22	ug/l	#	74
12) 1,1-Dichloroethene	4.06	96	5773	1.21	ug/l		87
13) Acrolein	3.92	56	959	2.63	ug/l	#	76
15) Acrylonitrile	5.43	53	1283	1.22	ug/l	#	71
16) Acetone	4.17	43	8905	19.55	ug/l		99
17) Carbon Disulfide	4.40	76	15797	1.01	ug/l	#	95
20) Methylene Chloride	4.97	84	16233	Below Cal			90
23) Vinyl Acetate	6.33	43	9224	1.04	ug/l	#	94
25) 2-Butanone	7.23	43	5166	3.64	ug/l		95
26) 2,2-Dichloropropane	7.21	77	8551	1.01	ug/l		84
29) Tetrahydrofuran	7.57	42	1018	1.16	ug/l	#	49
31) Cyclohexane	7.98	56	19573	2.14	ug/l	#	47
51) 4-Methyl-2-Pentanone	10.24	43	4311	1.32	ug/l		92
59) 2-Hexanone	10.98	43	3108	1.38	ug/l		67
68) m/p-Xylenes	11.85	106	11900	1.05	ug/l		92
76) 1,2,3-Trichloropropane	12.64	75	187825	57.90	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	187825	123.62	ug/l	#	9

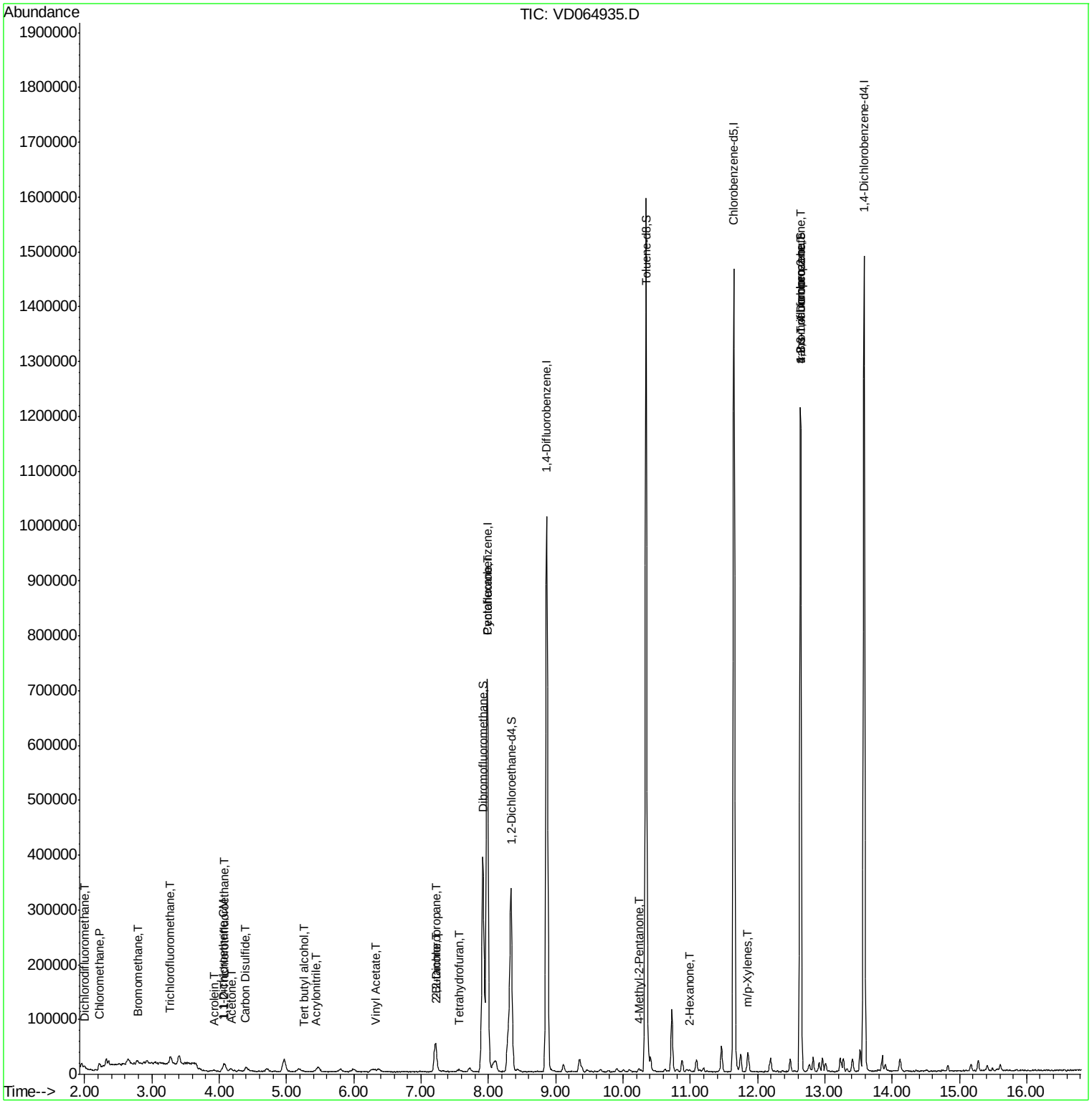
(#) = qualifier out of range (m) = manual integration (+) = signals summed

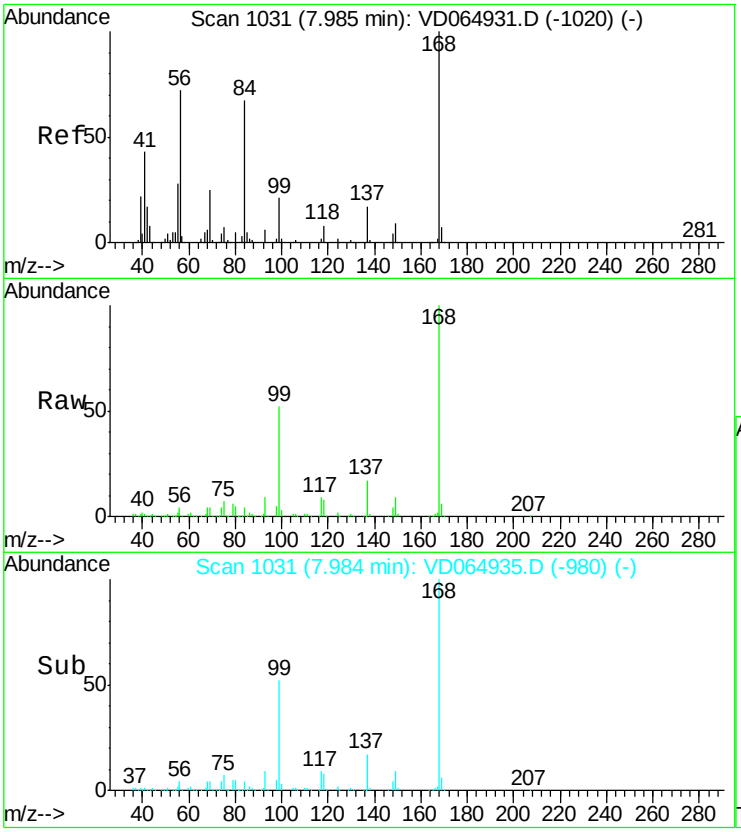
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012320\
Data File : VD064935.D
Acq On : 23 Jan 2020 14:38
Operator : VA/SY
Sample : VD0123SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BFB

Quant Time: Jan 23 15:08:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration



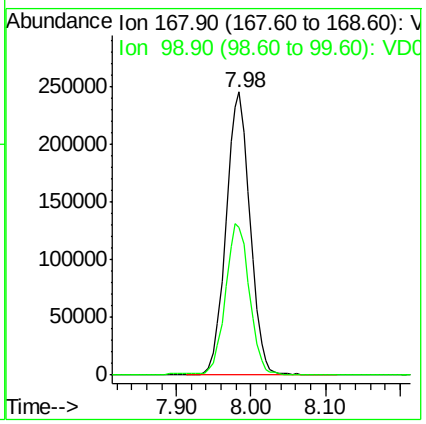


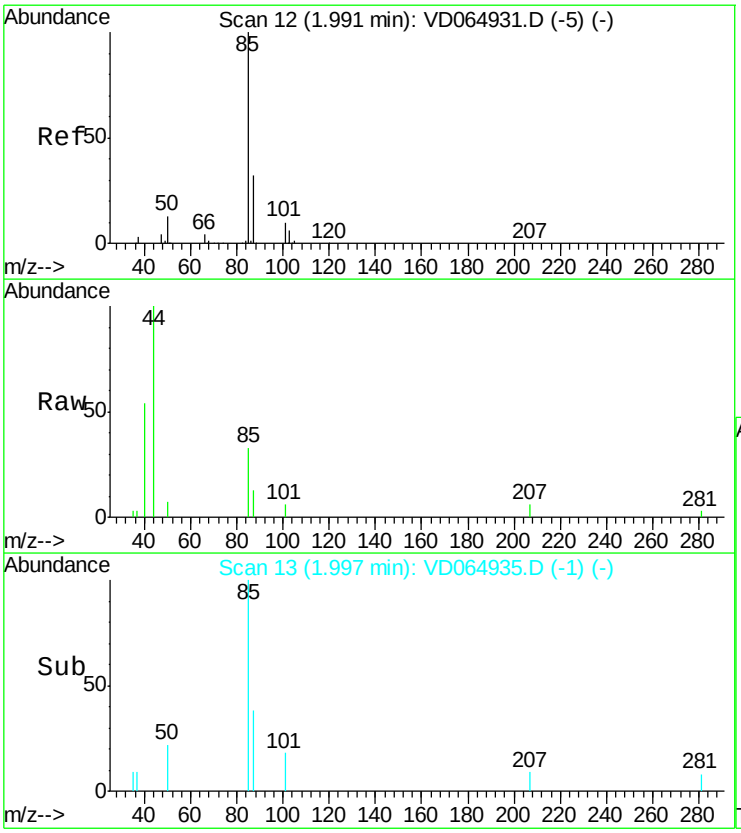
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:168 Resp: 548328

Ion	Ratio	Lower	Upper
168	100		
99	52.0	43.3	64.9

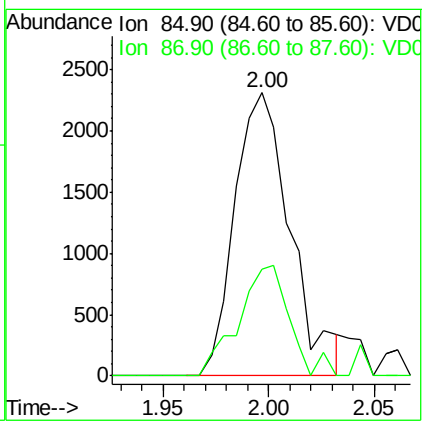


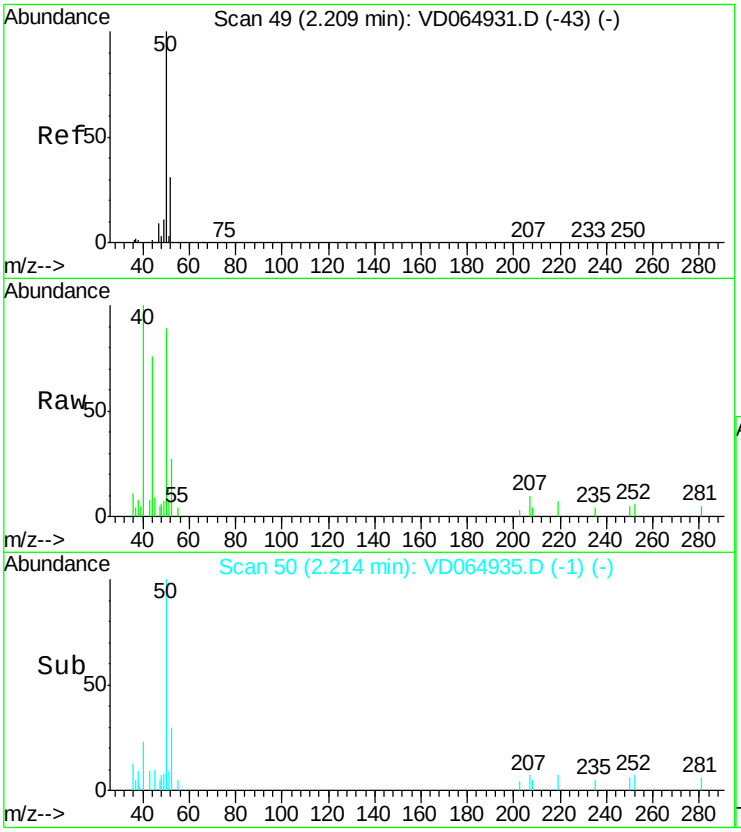


#2
Dichlorodifluoromethane
Concen: 1.02 ug/l
RT: 2.00 min Scan# 13
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 85 Resp: 4222

Ion	Ratio	Lower	Upper
85	100		
87	37.9	15.8	47.3



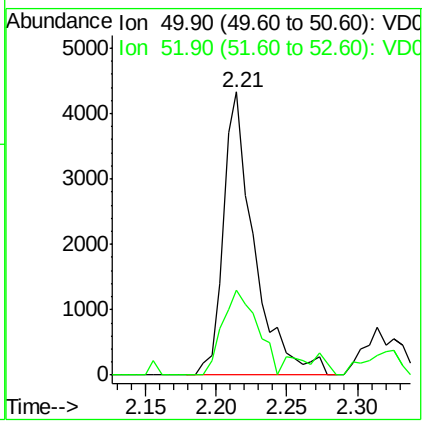


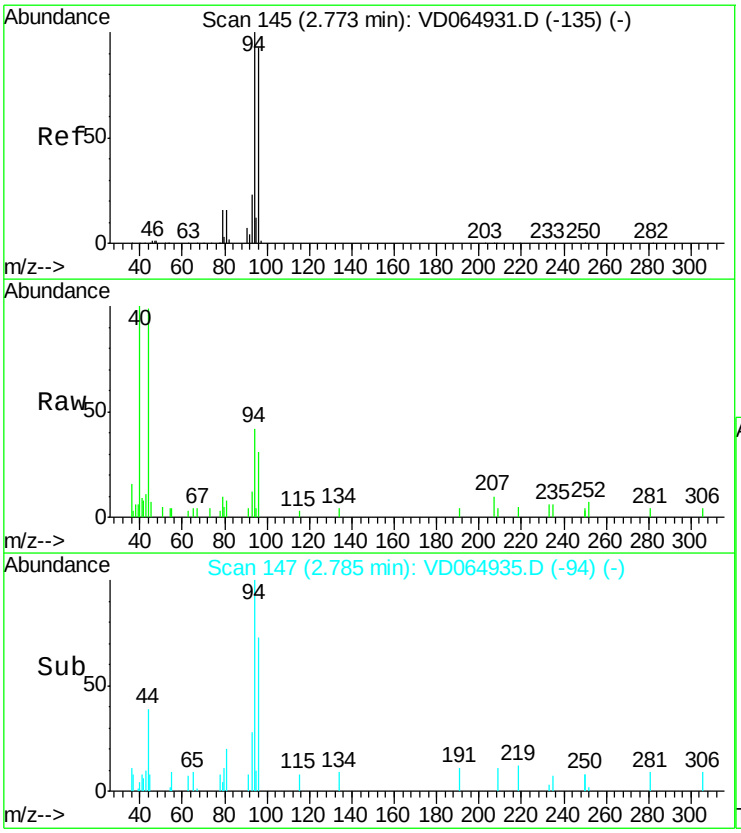
#3
Chloromethane
Concen: 1.08 ug/l
RT: 2.21 min Scan# 50
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 50 Resp: 6549

Ion	Ratio	Lower	Upper
50	100		
52	30.0	24.6	36.8

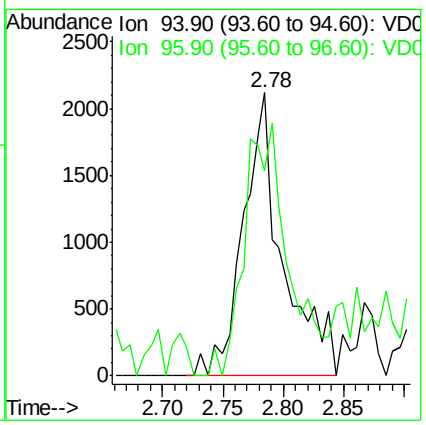


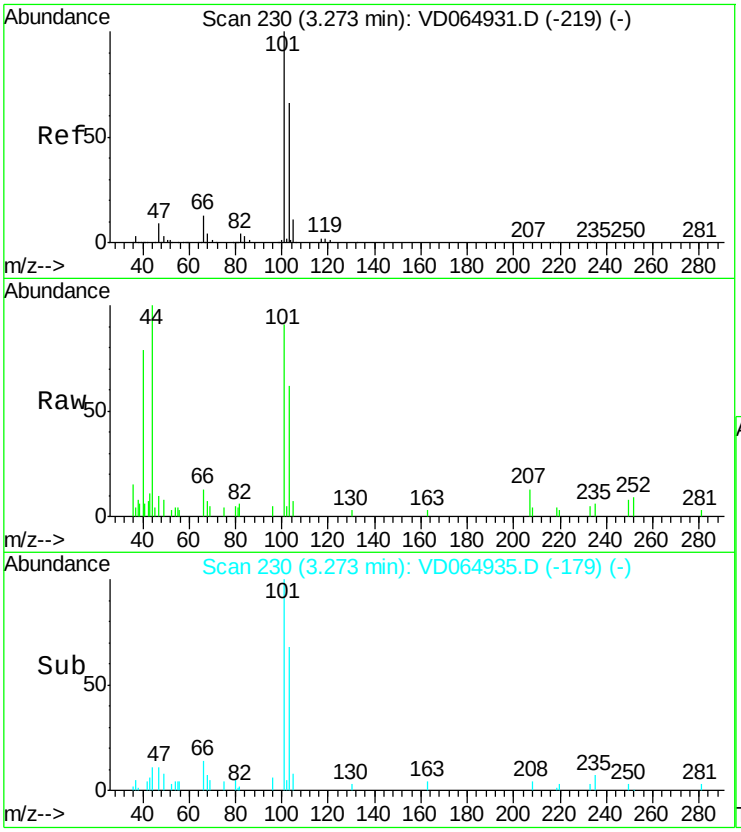


#5
Bromomethane
Concen: 1.03 ug/l
RT: 2.78 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 94 Resp: 4814

Ion	Ratio	Lower	Upper
94	100		
96	62.3	74.6	111.8#



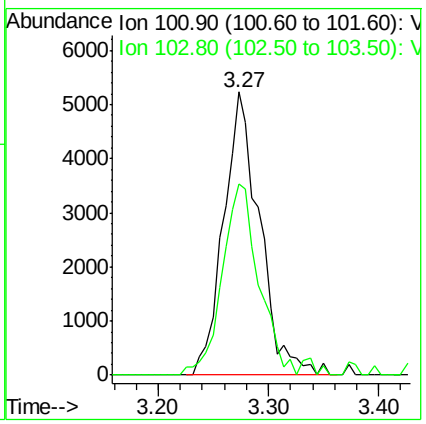


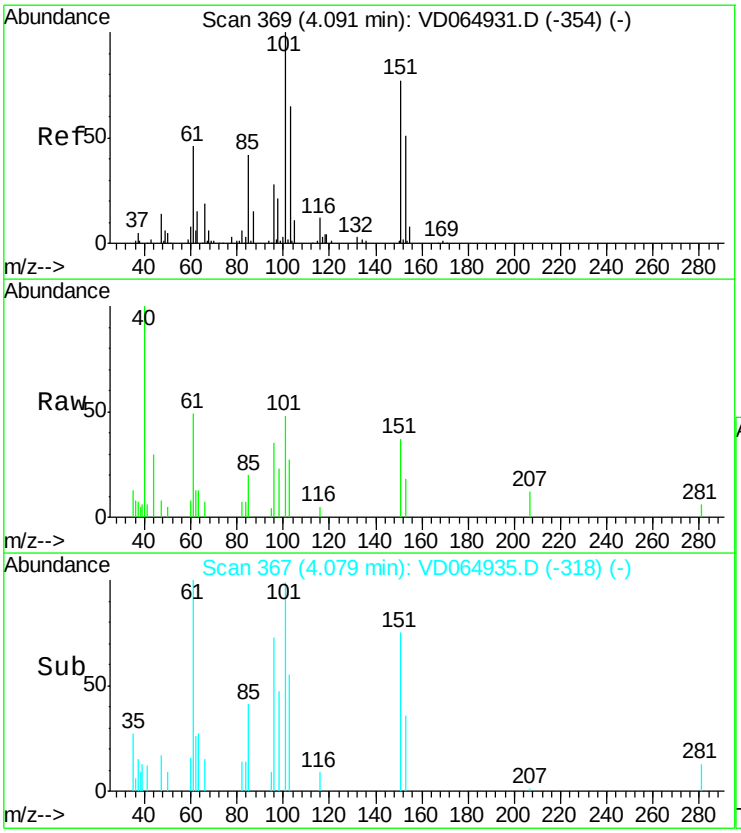
#7
Trichlorofluoromethane
Concen: 1.11 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:101 Resp: 11971

Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.5	78.7

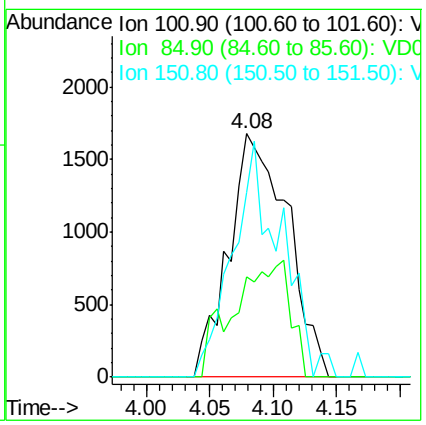


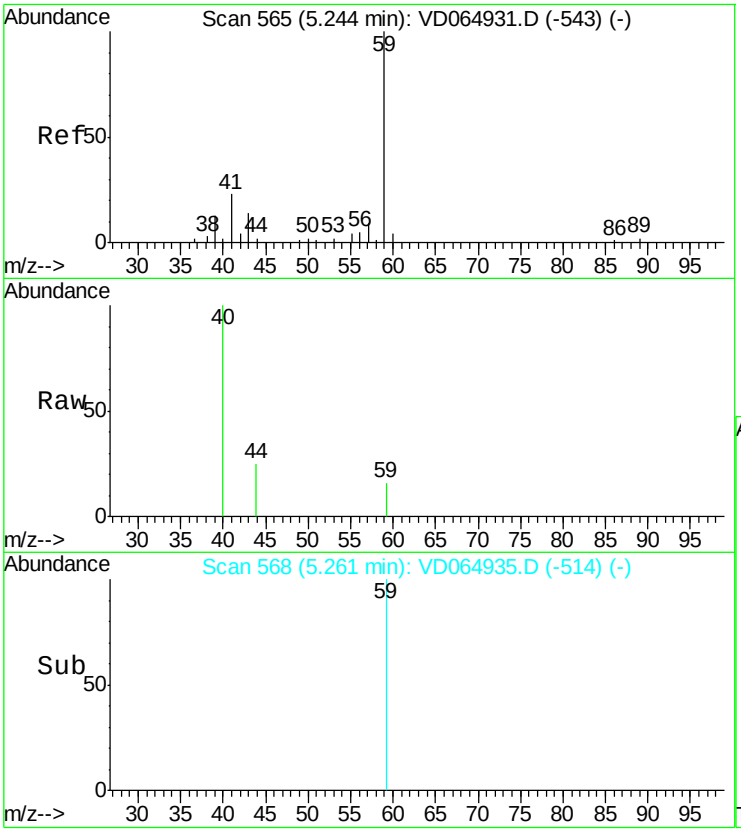


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.08 ug/l
RT: 4.08 min Scan# 367
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion:101 Resp: 5391

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	80.3	64.6	96.8



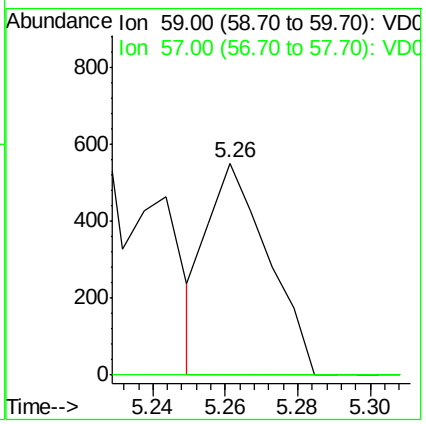


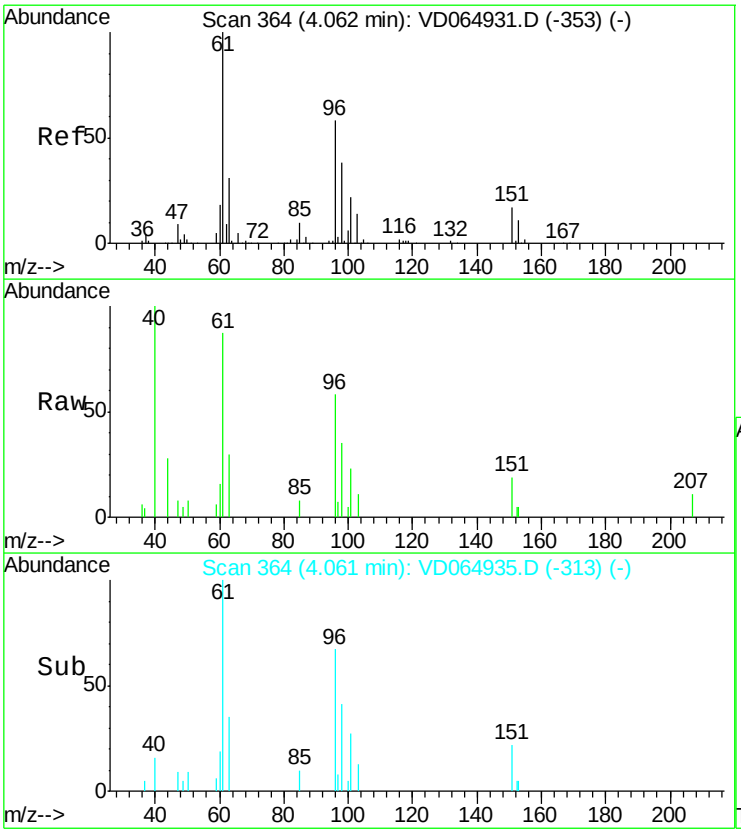
#11
Tert butyl alcohol
Concen: 2.22 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 644

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

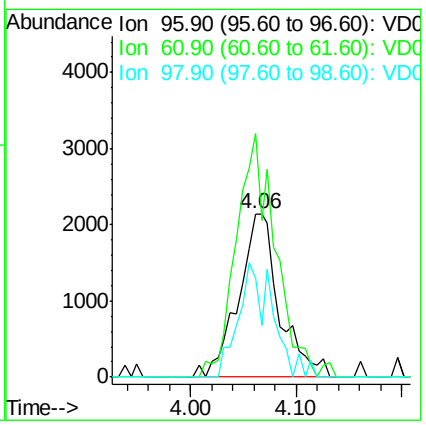


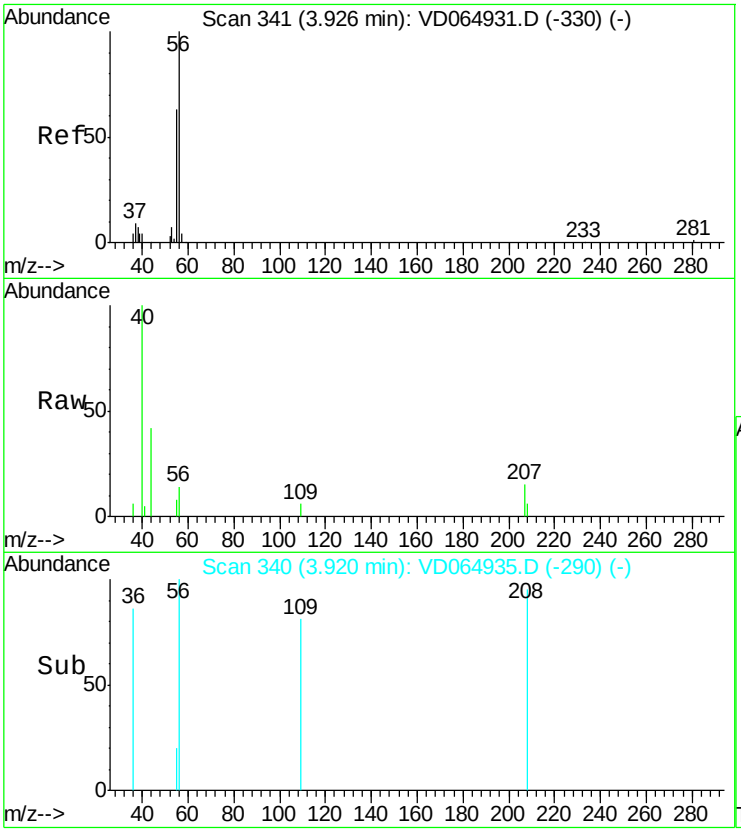


#12
1,1-Dichloroethene
Concen: 1.21 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 96 Resp: 5773

Ion	Ratio	Lower	Upper
96	100		
61	149.2	137.0	205.4
98	60.4	52.1	78.1



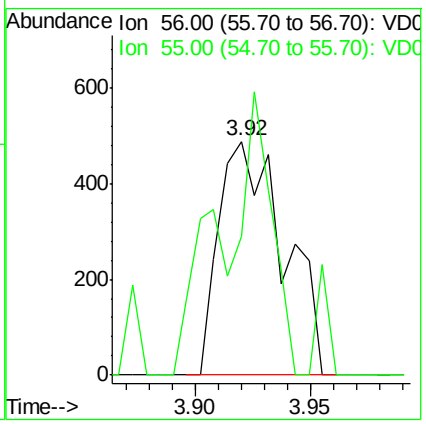


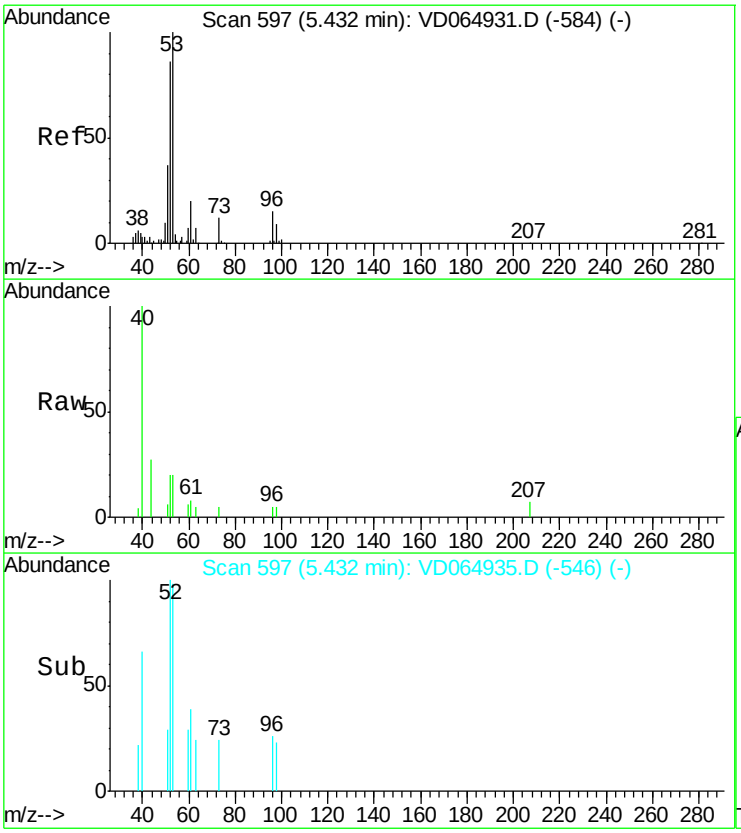
#13
Acrolein
Concen: 2.63 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument : MSVOA_D
ClientSampleId : BFB

Tgt Ion: 56 Resp: 959

Ion	Ratio	Lower	Upper
56	100		
55	54.6	59.7	89.5#

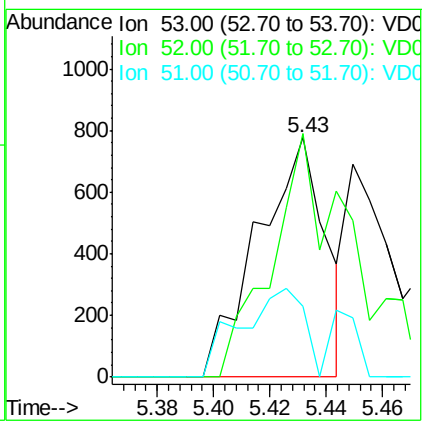


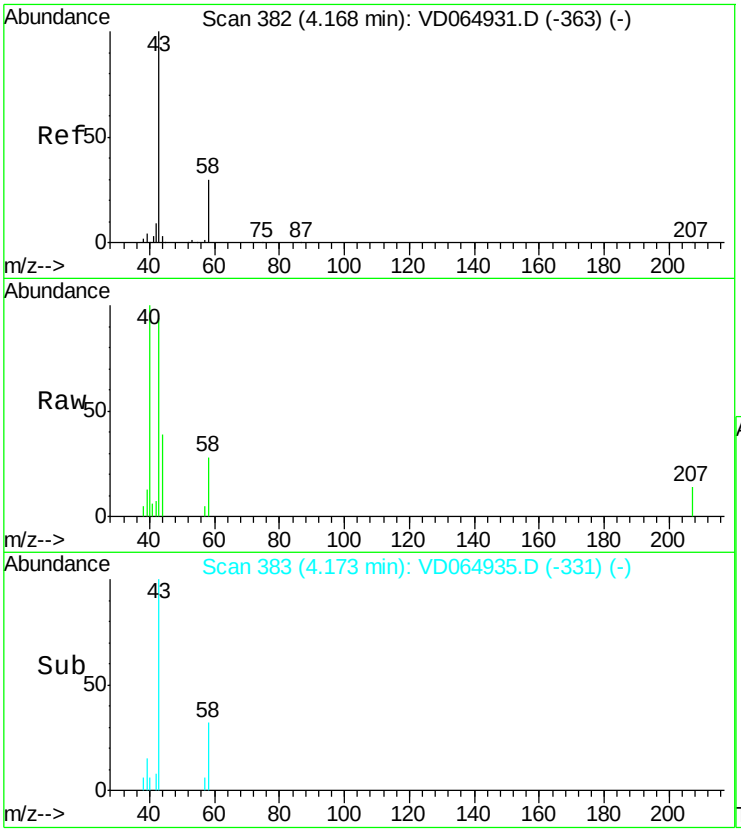


#15
Acrylonitrile
Concen: 1.22 ug/l
RT: 5.43 min Scan# 597
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 53 Resp: 1283

Ion	Ratio	Lower	Upper
53	100		
52	118.9	66.7	100.1#
51	34.8	31.1	46.7



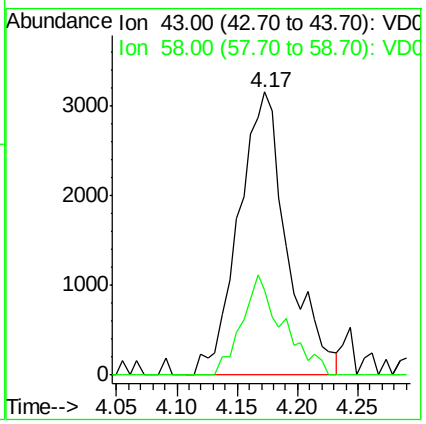


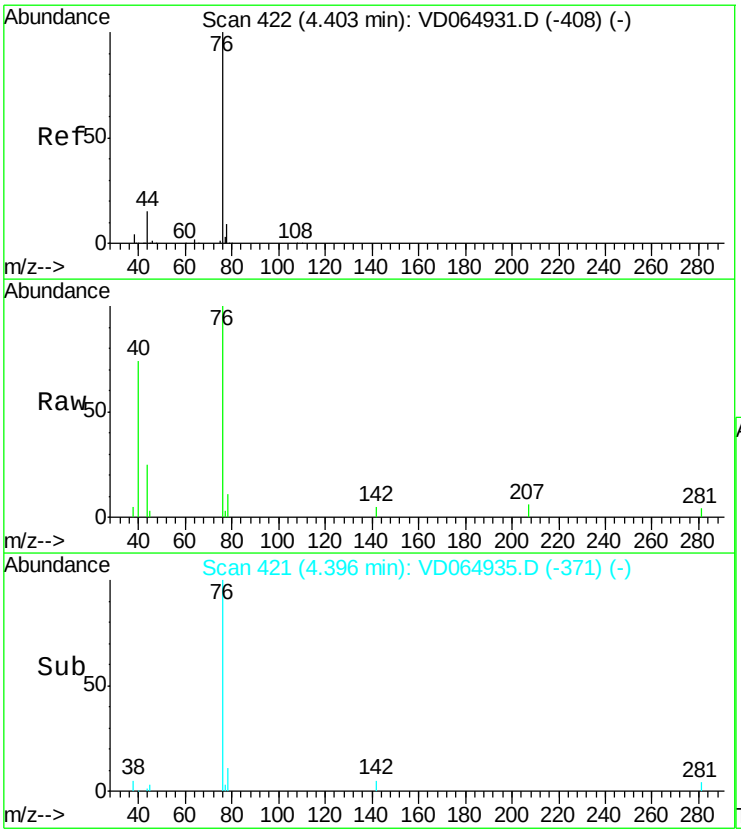
#16
Acetone
Concen: 19.55 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument : MSVOA_D
ClientSampleId : BFB

Tgt Ion: 43 Resp: 8905

Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.8

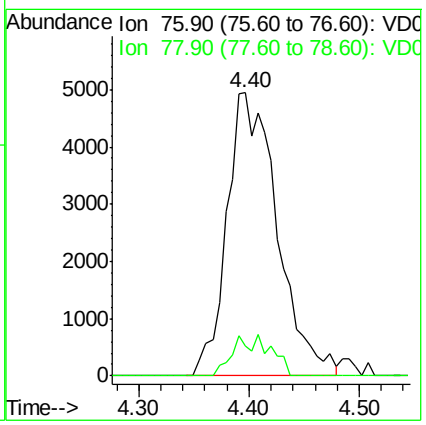


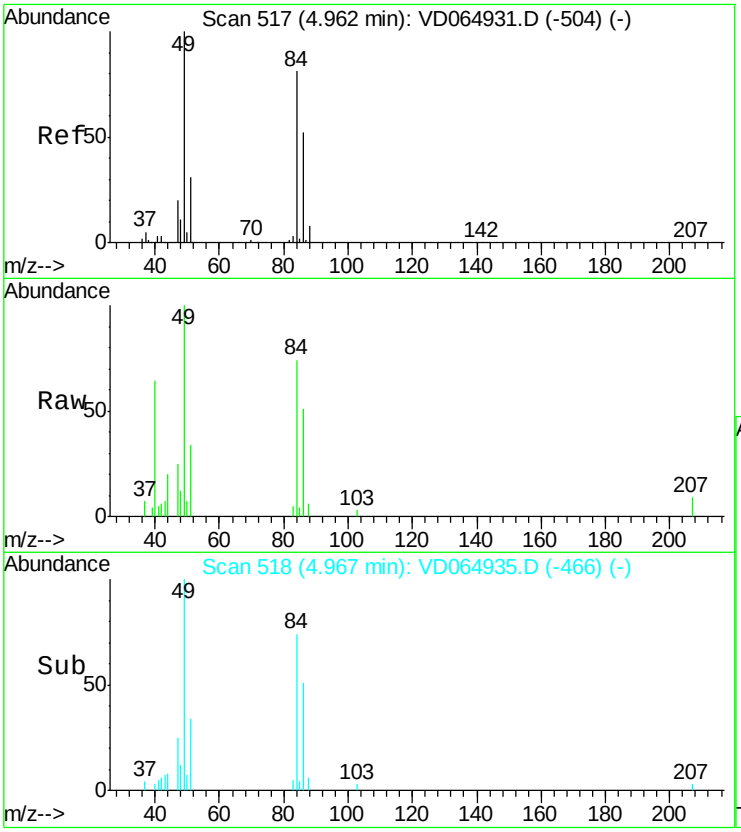


#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 76 Resp: 15797

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.1	10.7#



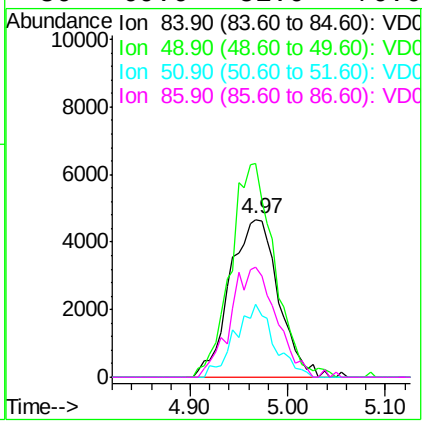


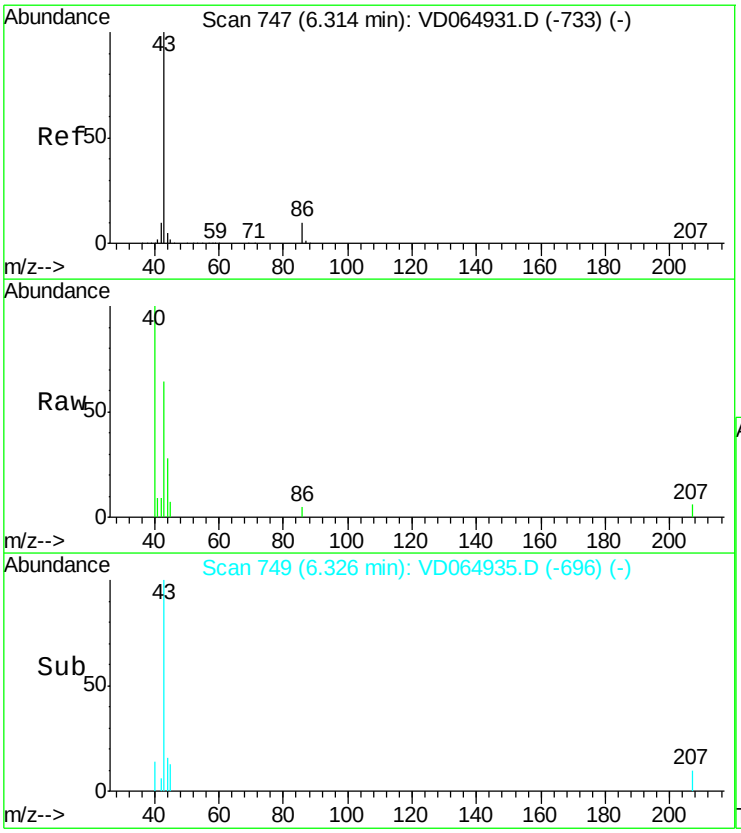
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument : MSVOA_D
ClientSampleId : BFB

Tgt Ion: 84 Resp: 16233

Ion	Ratio	Lower	Upper
84	100		
49	135.3	98.4	147.6
51	46.0	30.8	46.2
86	69.6	51.0	76.6

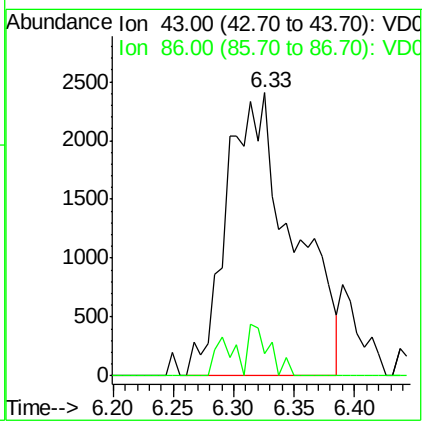


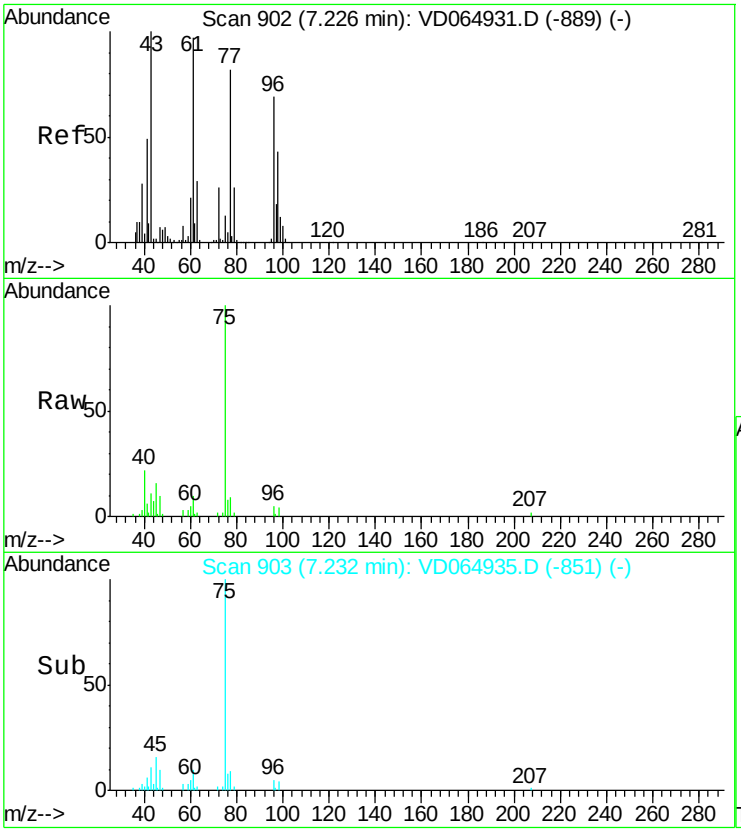


#23
Vinyl Acetate
Concen: 1.04 ug/l
RT: 6.33 min Scan# 749
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 43 Resp: 9224

Ion	Ratio	Lower	Upper
43	100		
86	8.0	8.3	12.5#



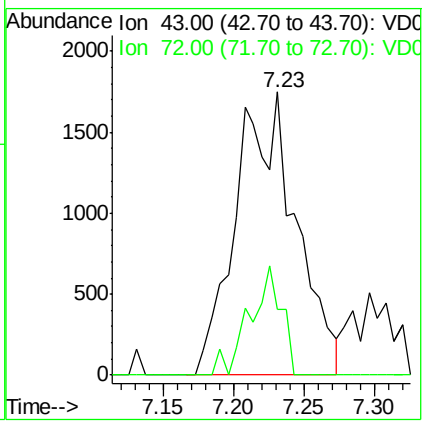


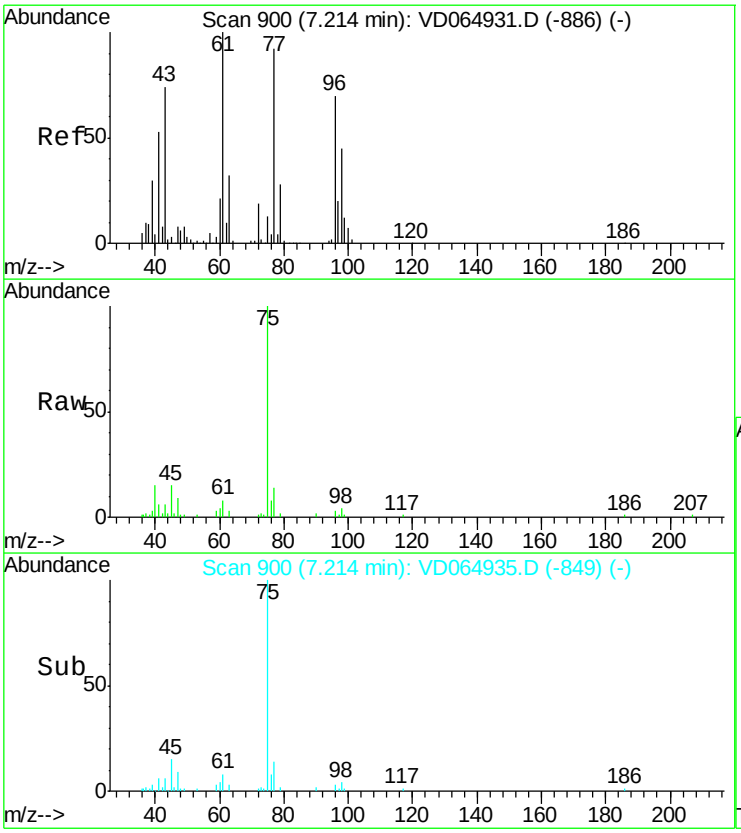
#25
2-Butanone
Concen: 3.64 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 5166

Ion	Ratio	Lower	Upper
43	100		
72	23.2	20.6	31.0

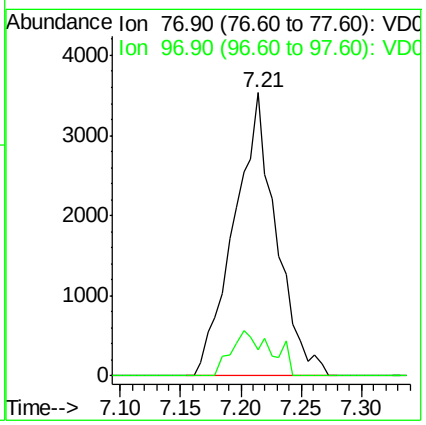


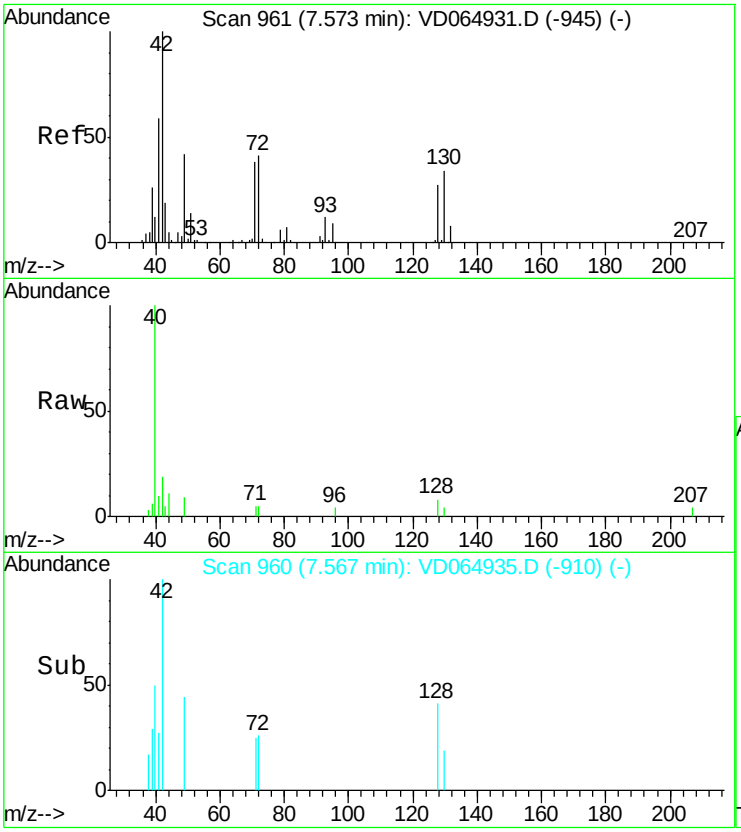


#26
2,2-Dichloropropane
Concen: 1.01 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 77 Resp: 8551

Ion	Ratio	Lower	Upper
77	100		
97	15.0	11.4	34.2



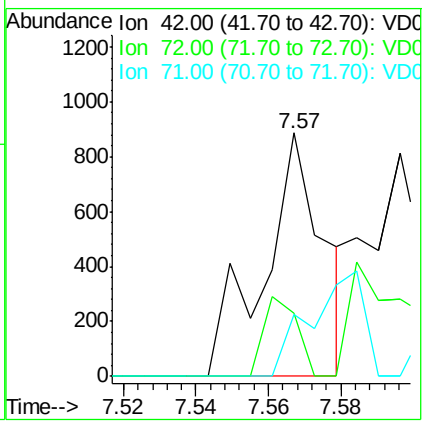


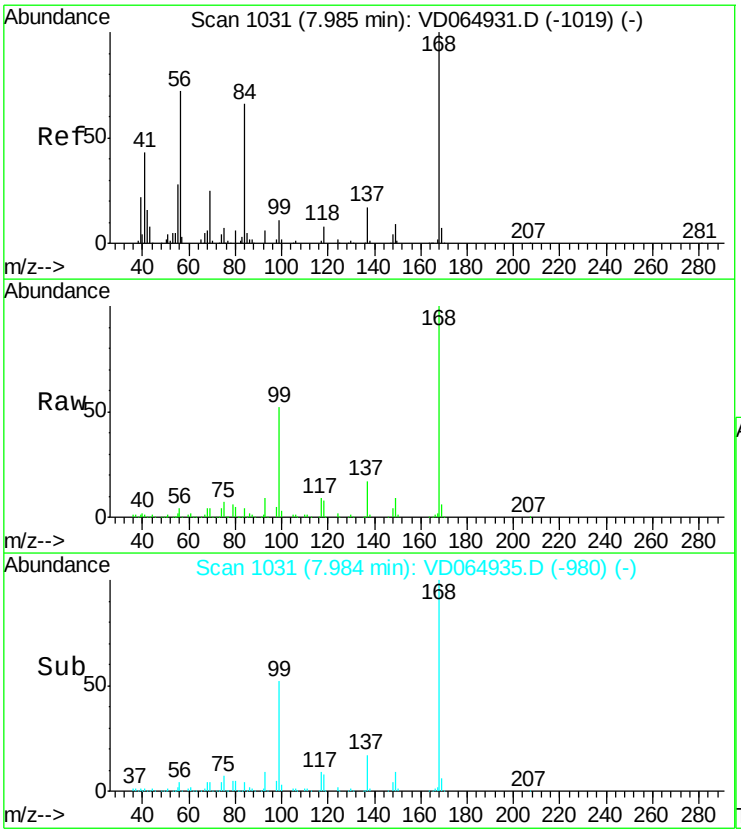
#29
Tetrahydrofuran
Concen: 1.16 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 42 Resp: 1018

Ion	Ratio	Lower	Upper
42	100		
72	18.1	34.0	51.0#
71	0.0	31.5	47.3#

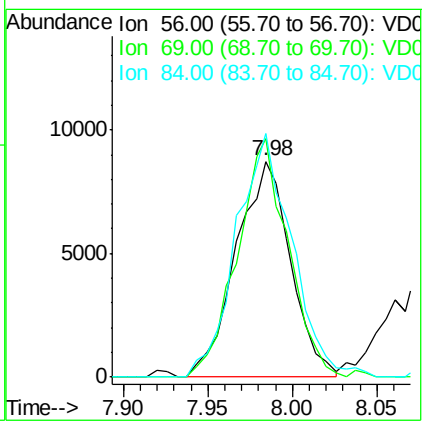


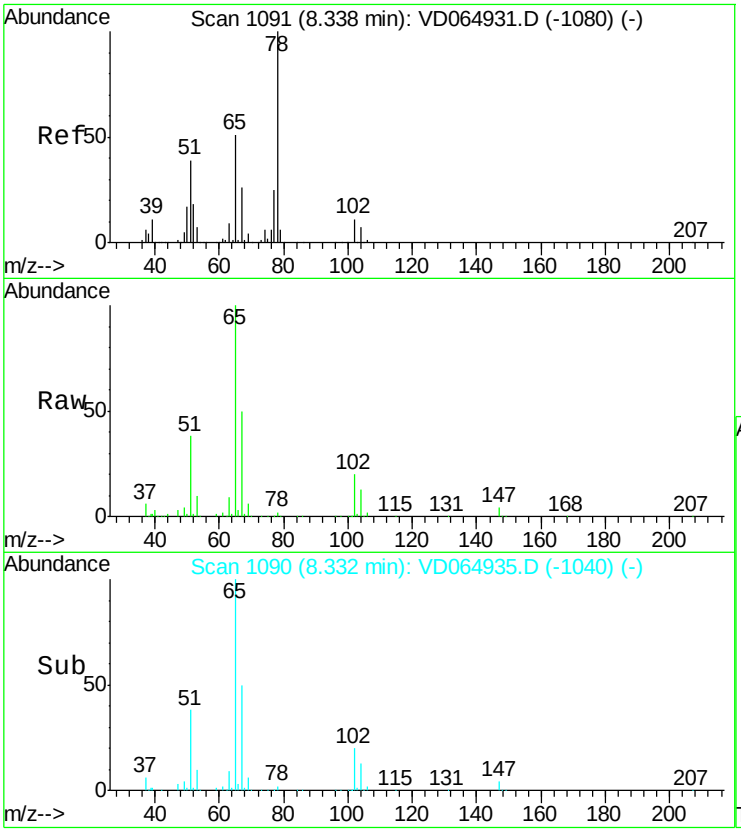


#31
Cyclohexane
Concen: 2.14 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 56 Resp: 19573

Ion	Ratio	Lower	Upper
56	100		
69	110.7	27.9	41.9#
84	112.8	72.8	109.2#



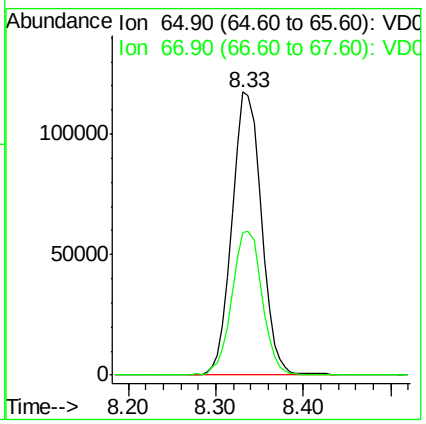


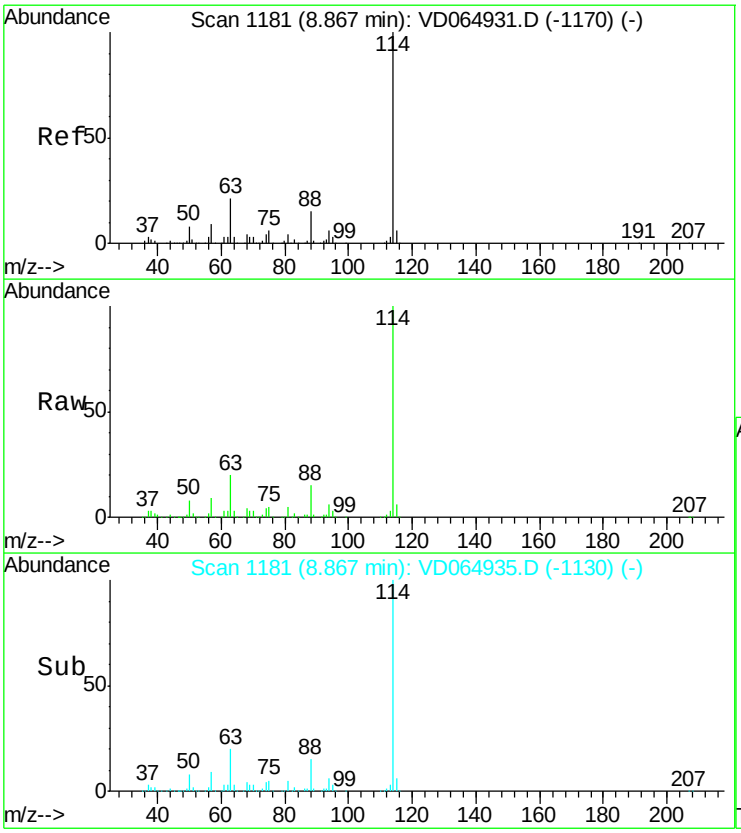
#33
1,2-Dichloroethane-d4
Concen: 50.76 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 65 Resp: 266971

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.6

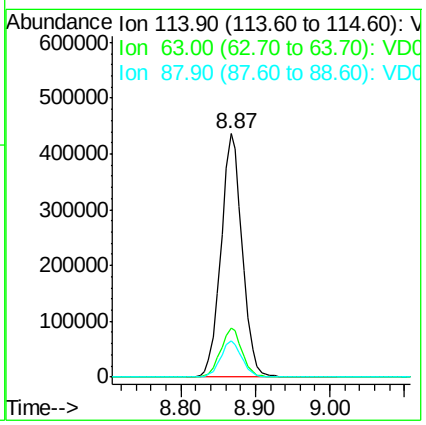


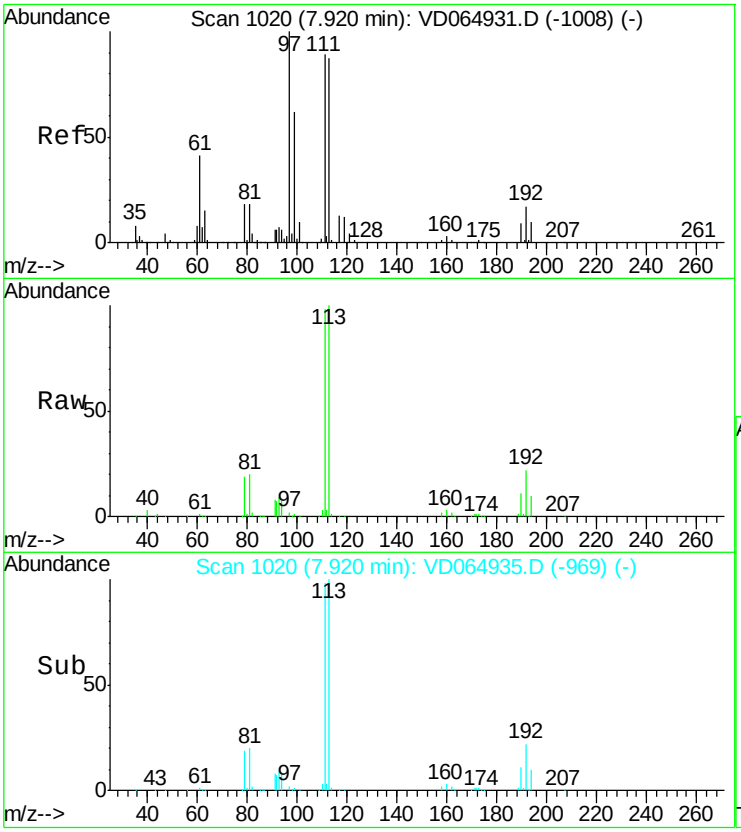


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion:114 Resp: 861596

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.0
88	14.9	0.0	29.4



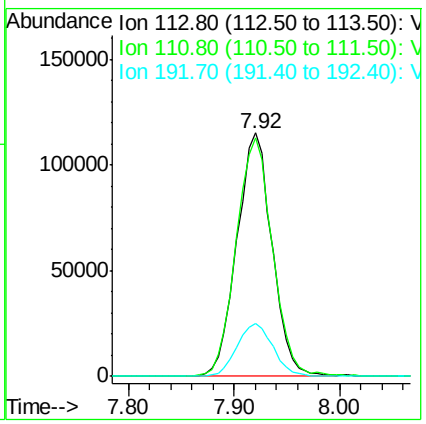


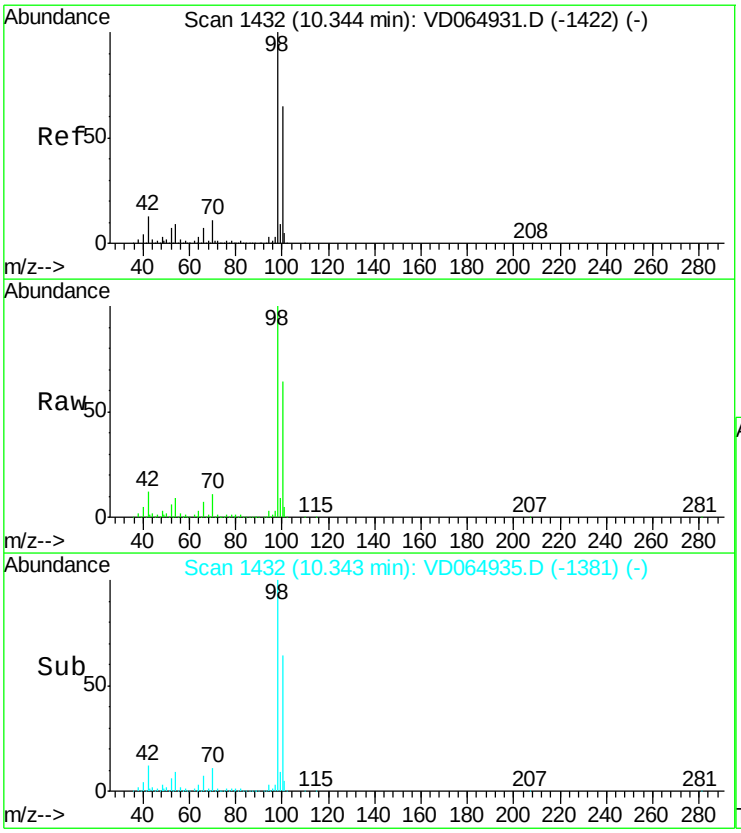
#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:113 Resp: 266667

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	22.1	16.9	25.3

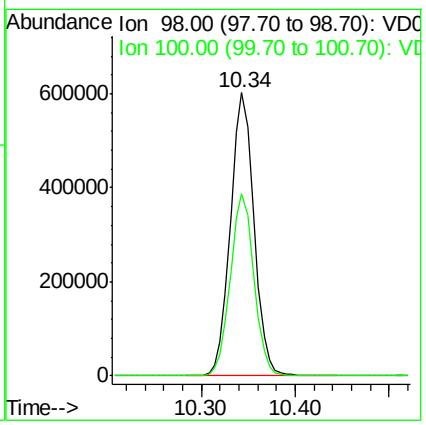


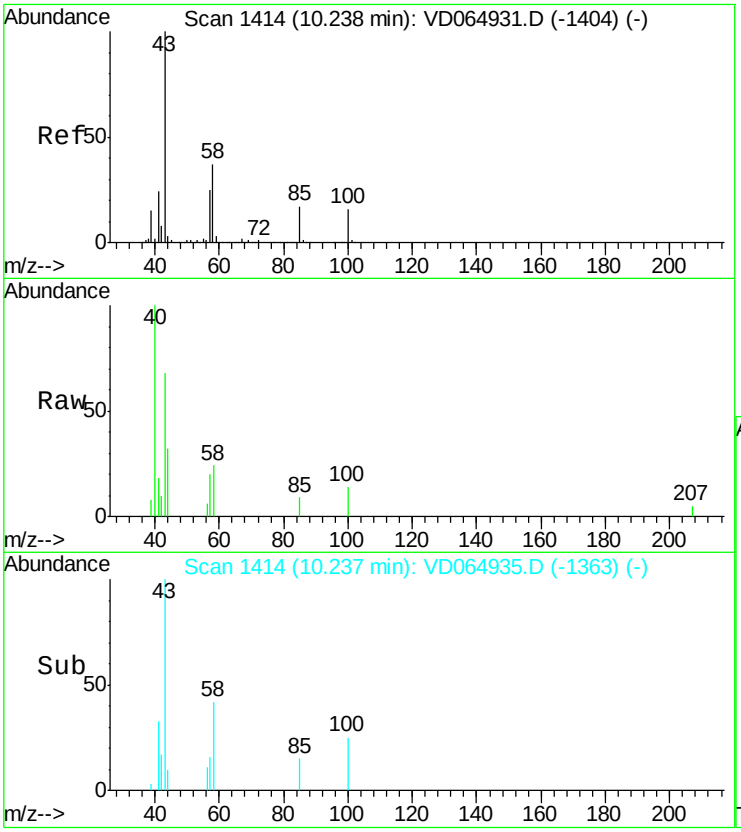


#50
Toluene-d8
Concen: 50.11 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 98 Resp: 1047241

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5



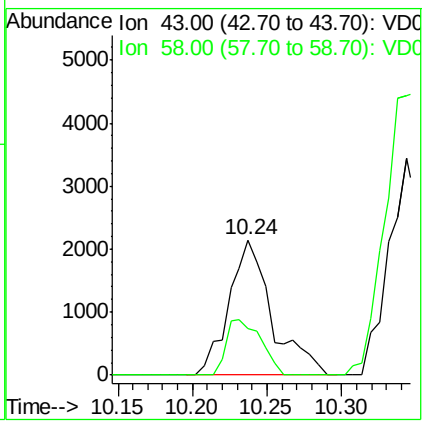


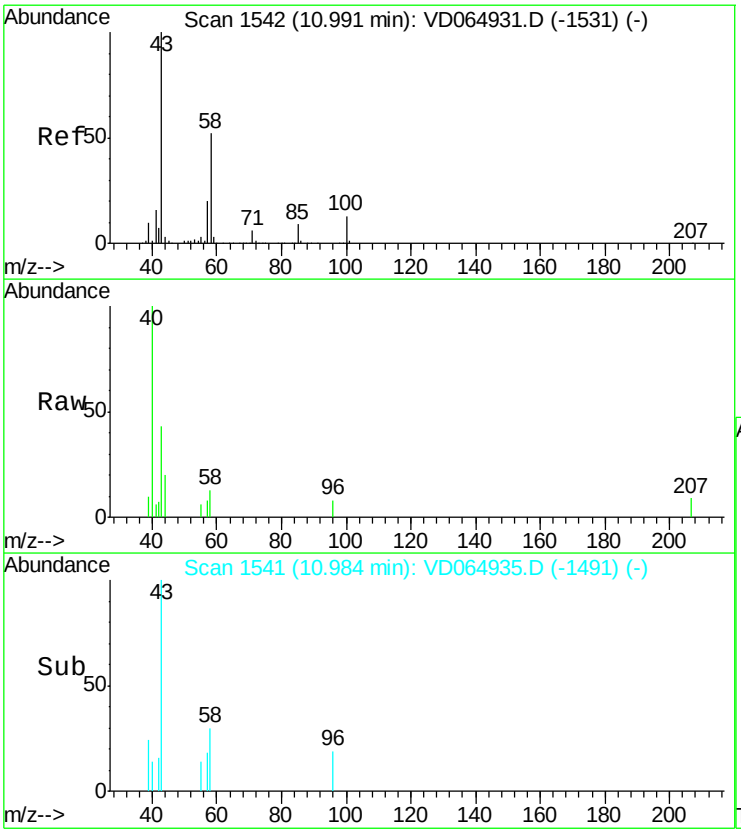
#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 4311

Ion	Ratio	Lower	Upper
43	100		
58	33.0	30.4	45.6

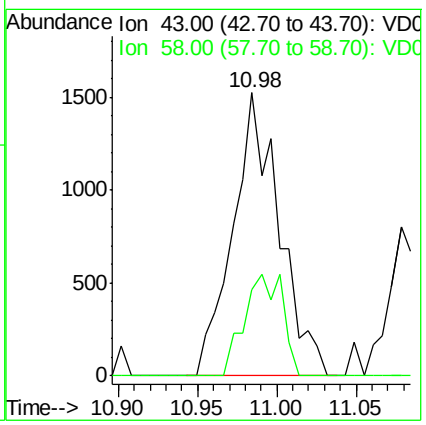


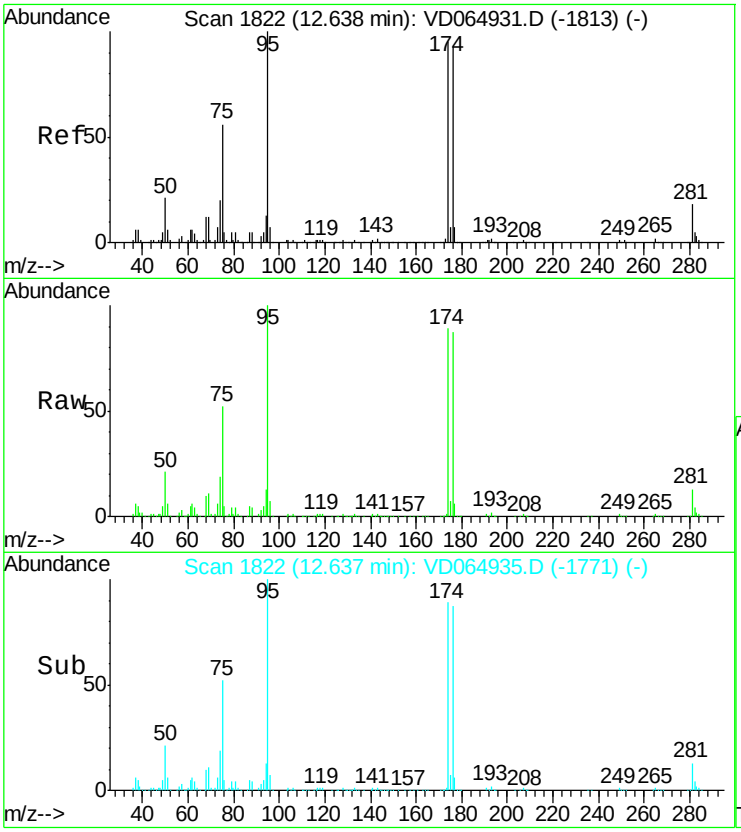


#59
2-Hexanone
Concen: 1.38 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 43 Resp: 3108

Ion	Ratio	Lower	Upper
43	100		
58	29.5	26.5	79.4



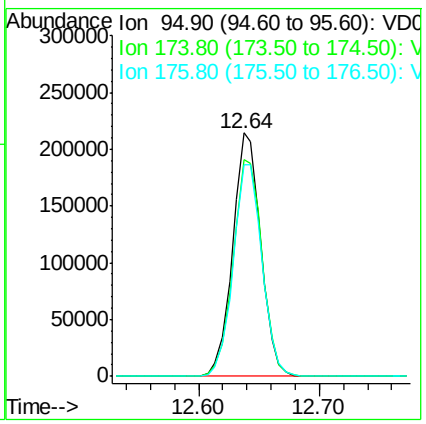


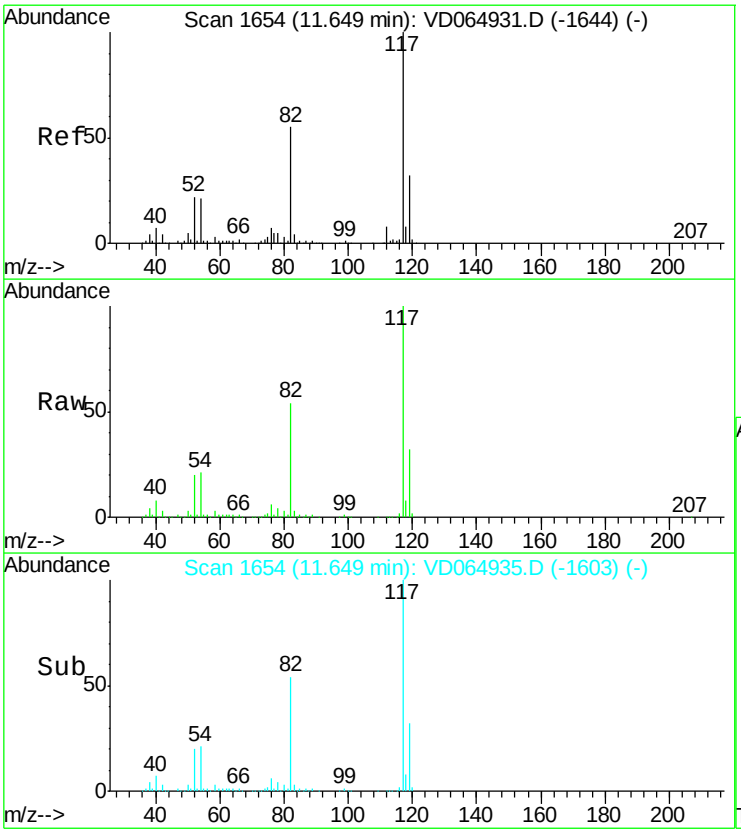
#62
4-Bromofluorobenzene
Concen: 54.12 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 346128

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	186.8
176	89.3	0.0	183.4

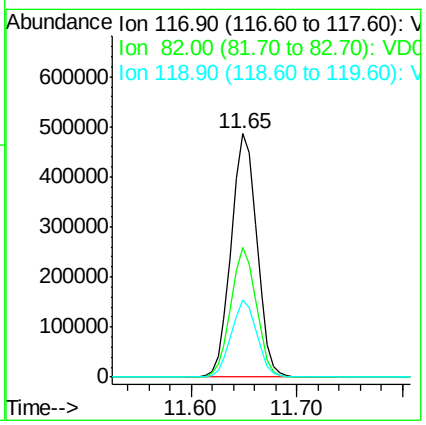


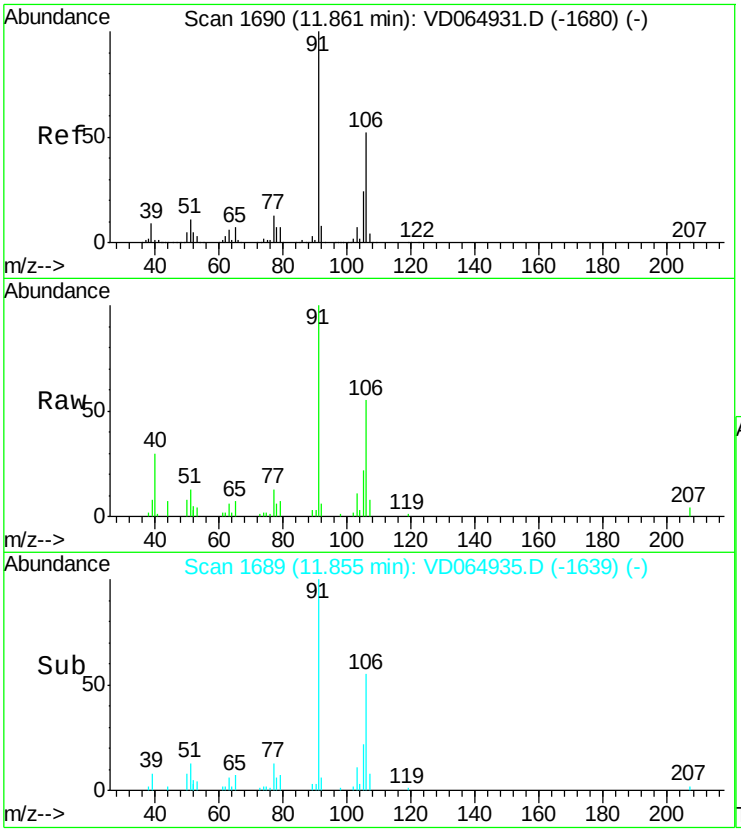


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion:117 Resp: 817004

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.6	65.4
119	31.8	25.2	37.8



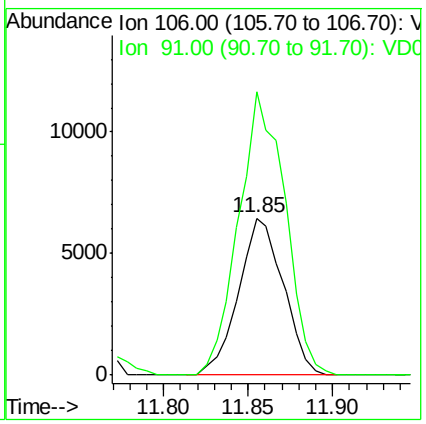


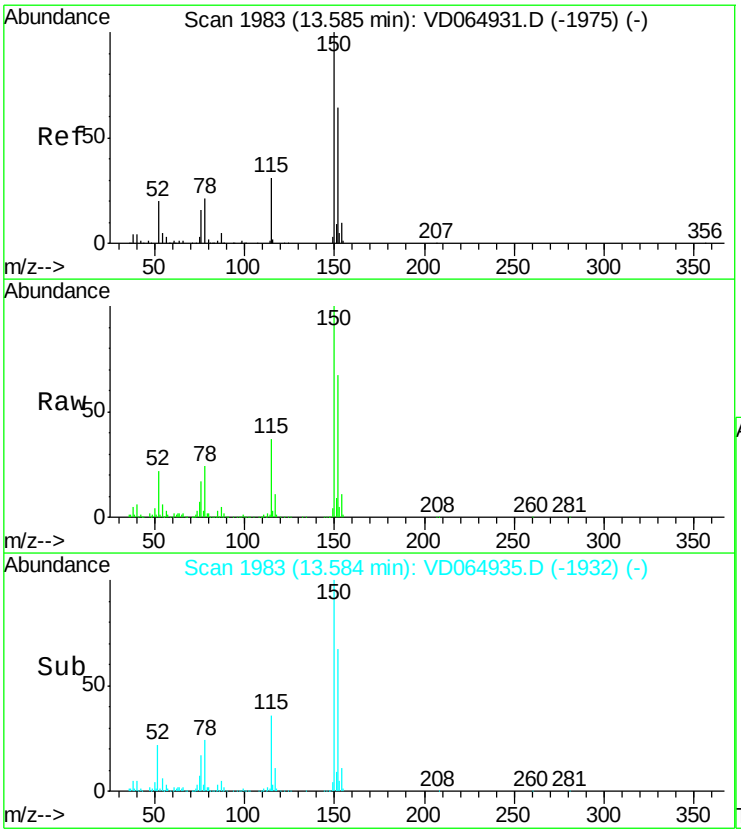
#68
m/p-Xylenes
Concen: 1.05 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:106 Resp: 11900

Ion	Ratio	Lower	Upper
106	100		
91	186.9	159.0	238.4

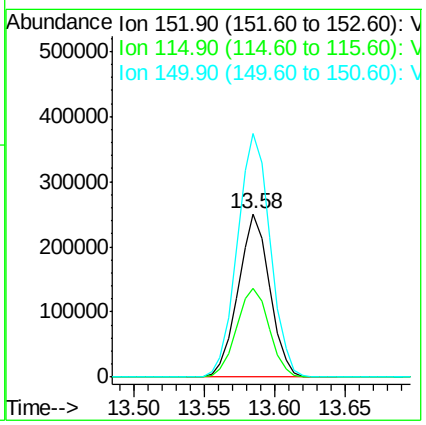


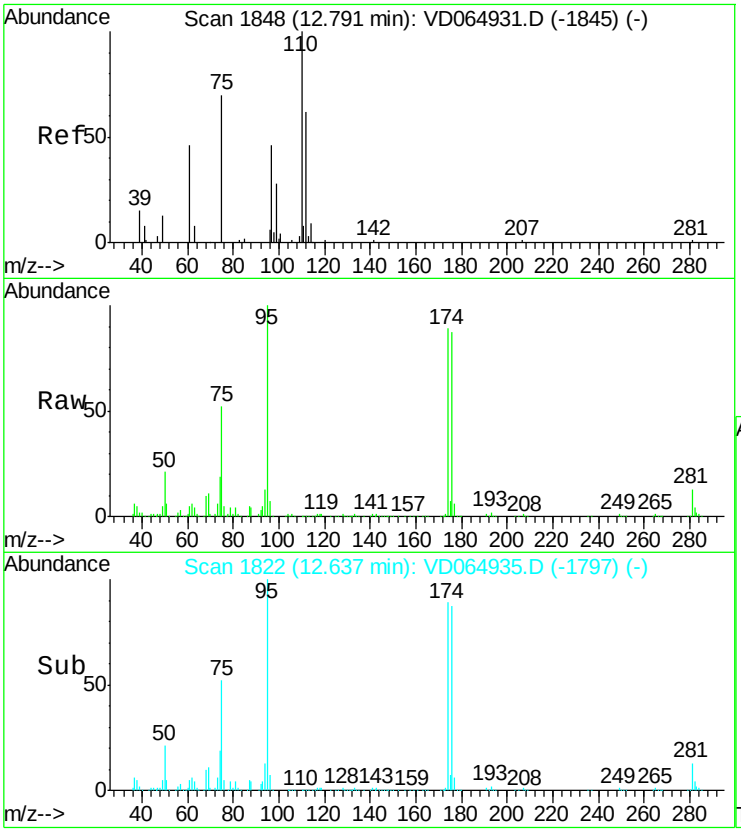


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion:152 Resp: 390857

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.1	84.4
150	155.8	0.0	350.4



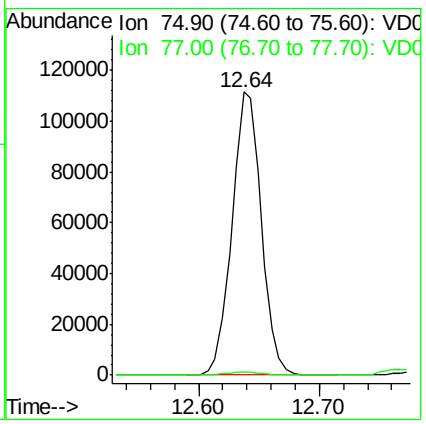


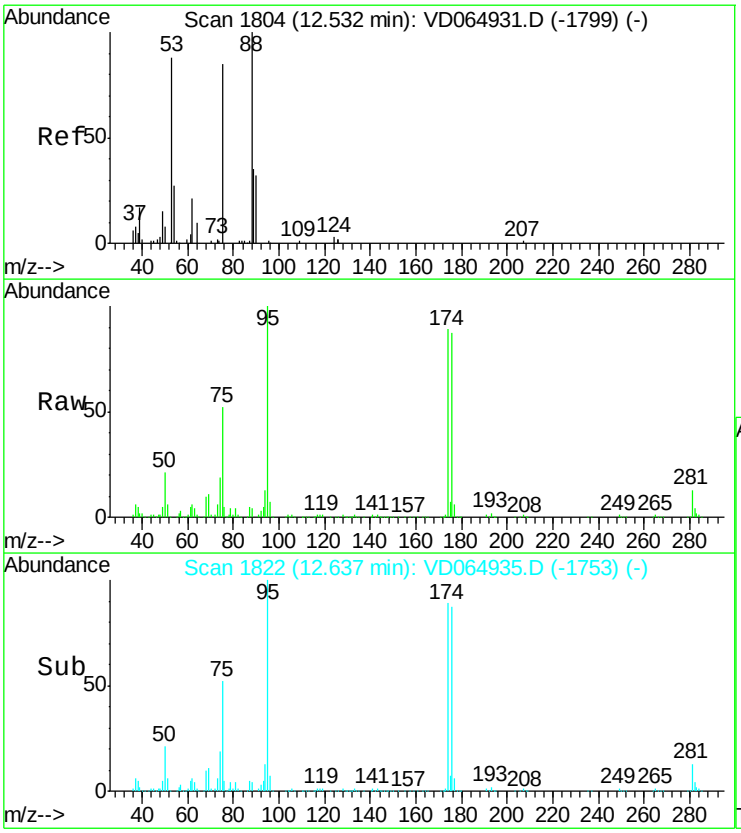
#76
1,2,3-Trichloropropane
Concen: 57.90 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 187825

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.62 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064935.D
Acq: 23 Jan 2020 14:38

Tgt Ion: 75 Resp: 187825

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.4#
89	0.0	36.2	54.4#