Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
Data File : VD063869.D
Acq On : 02 Oct 2019 20:02
Operator : VA/SY
Sample : VD1002SBL06
Misc : 5.00g/5.00mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Quant Time: Oct 03 04:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	190001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	322113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	91472	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
35) Dibromofluoromethane	7.92	113	88046	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.46%			
50) Toluene-d8	10.34	98	364939	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.34%			
62) 4-Bromofluorobenzene	12.63	95	117773	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.98	85	2262	1.679	ug/l	84
3) Chloromethane	2.21	50	3425	Below Cal	#	82
4) Vinyl Chloride	2.35	62	4545	1.044	ug/l	89
5) Bromomethane	2.78	94	3383	1.208	ug/l	99
7) Trichlorofluoromethane	3.27	101	8820	1.532	ug/l #	80
9) 1,1,2-Trichlorotrifluoroet	4.09	101	2214	1.389	ug/l #	25
11) Tert butyl alcohol	5.26	59	318	Below Cal	#	71
12) 1,1-Dichloroethene	4.07	96	2431	1.527	ug/l #	27
13) Acrolein	3.93	56	210	1.271	ug/l #	66
15) Acrylonitrile	5.44	53	1014	2.489	ug/l #	72
16) Acetone	4.16	43	1116	2.317	ug/l #	74
23) Vinyl Acetate	6.31	43	4217	1.311	ug/l #	71
25) 2-Butanone	7.22	43	1291	2.262	ug/l	98
28) Bromochloromethane	7.55	49	878	2.532	ug/l #	61
31) Cyclohexane	7.99	56	8187	Below Cal	#	78
37) Ethyl Acetate	7.27	43	445	Below Cal	#	68
39) Methylcyclohexane	9.35	83	4829	1.334	ug/l #	83
49) 1,4-Dioxane	9.47	88	60	3.736	ug/l #	1
51) 4-Methyl-2-Pentanone	10.25	43	1585	1.237	ug/l	88
59) 2-Hexanone	10.98	43	1348	1.455	ug/l	86
64) Tetrachloroethene	10.87	164	2285	1.087	ug/l #	85
68) m/p-Xylenes	11.85	106	5358	1.244	ug/l	94
76) 1,2,3-Trichloropropane	12.63	75	62693	62.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	62693	111.123	ug/l #	12
90) Hexachloroethane	14.11	117	1731	1.012	ug/l	71
92) 1,2-Dibromo-3-Chloropropan	14.50	75	294	Below Cal	#	29
94) Hexachlorobutadiene	15.27	225	1864	1.030	ug/l	82
96) 1,2,3-Trichlorobenzene	15.59	180	3055	1.079	ug/l	97

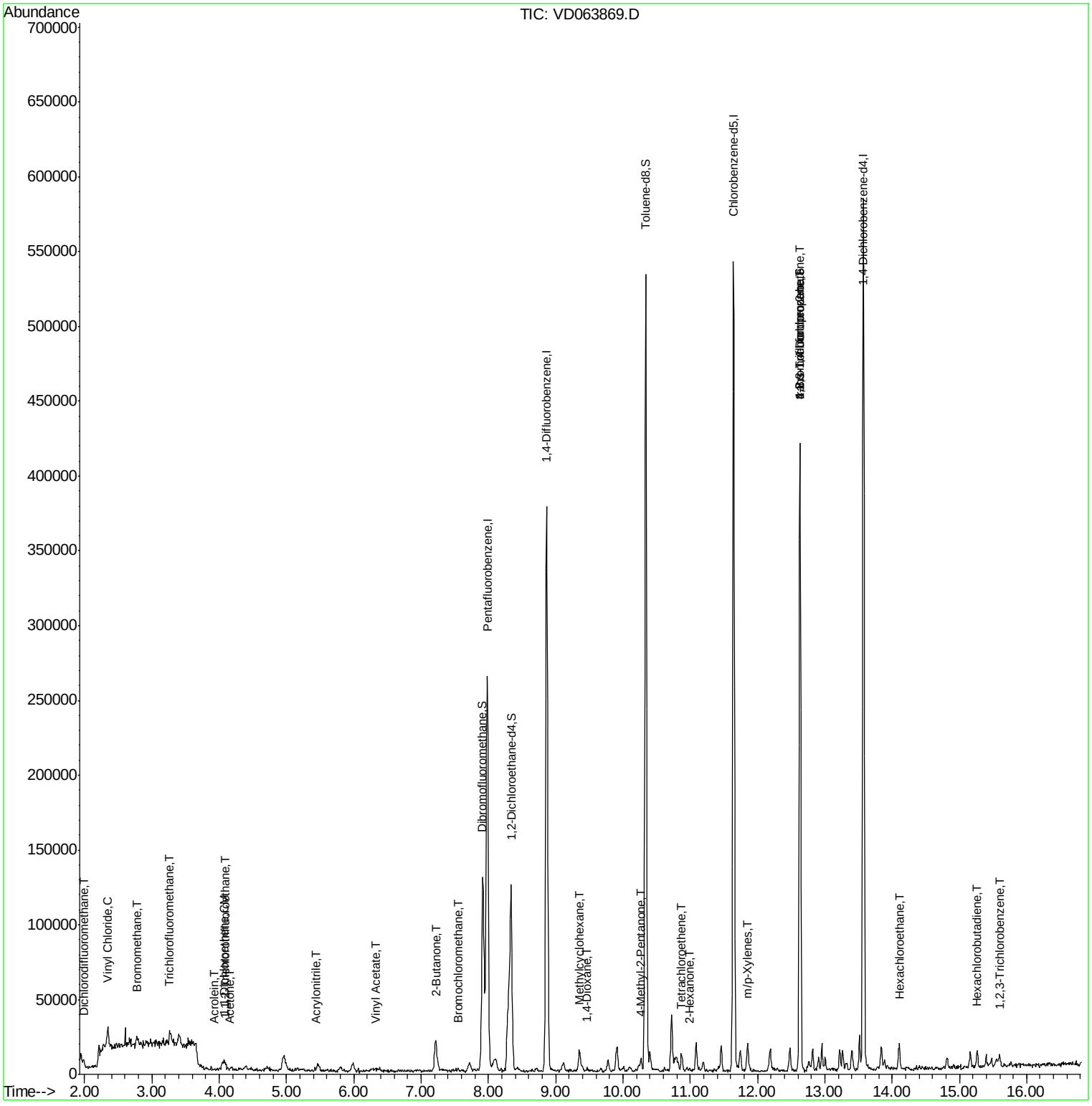
(#) = qualifier out of range (m) = manual integration (+) = signals summed

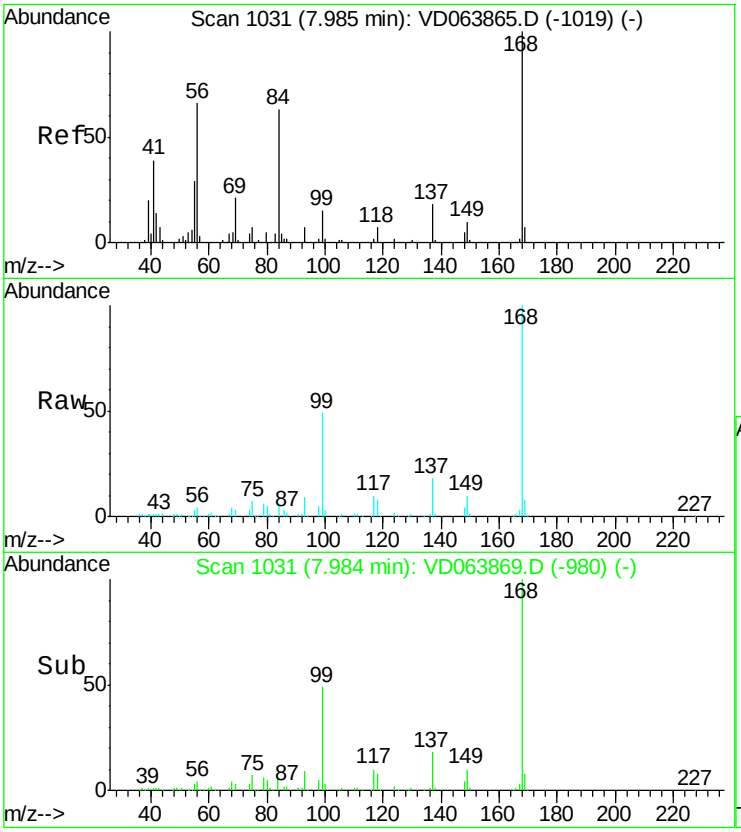
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
Data File : VD063869.D
Acq On : 02 Oct 2019 20:02
Operator : VA/SY
Sample : VD1002SBL06
Misc : 5.00g/5.00mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Quant Time: Oct 03 04:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:02:53 2019
Response via : Initial Calibration



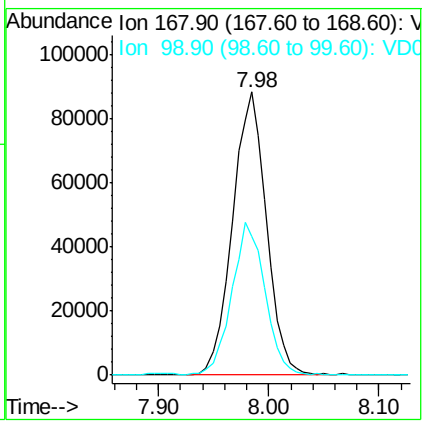


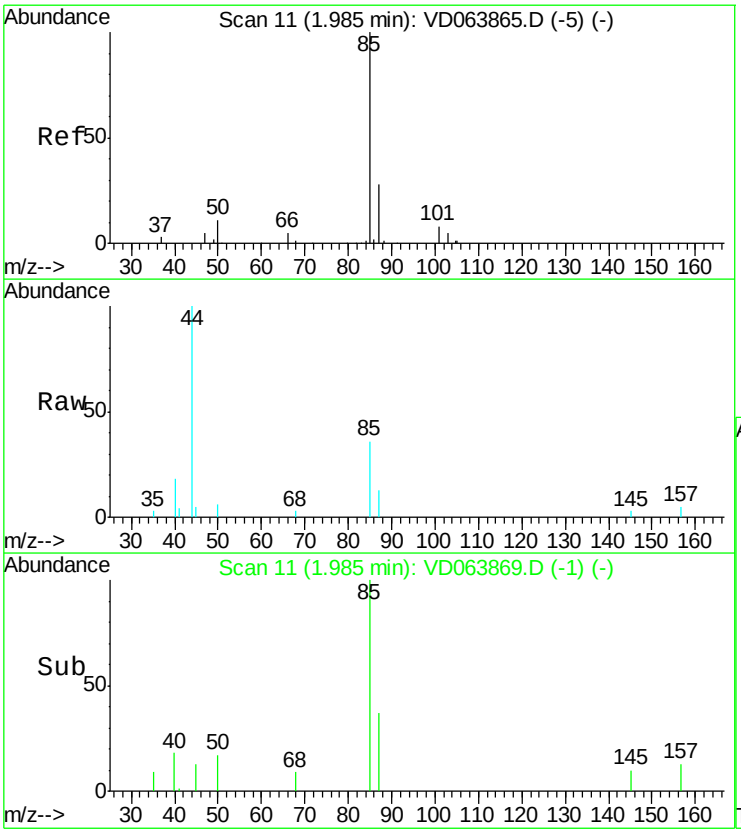
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion:168 Resp: 190001

Ion	Ratio	Lower	Upper
168	100		
99	49.2	43.0	64.4

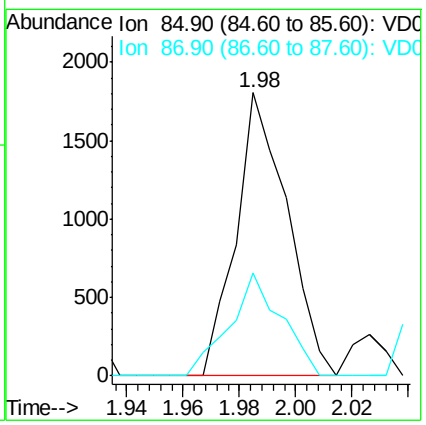


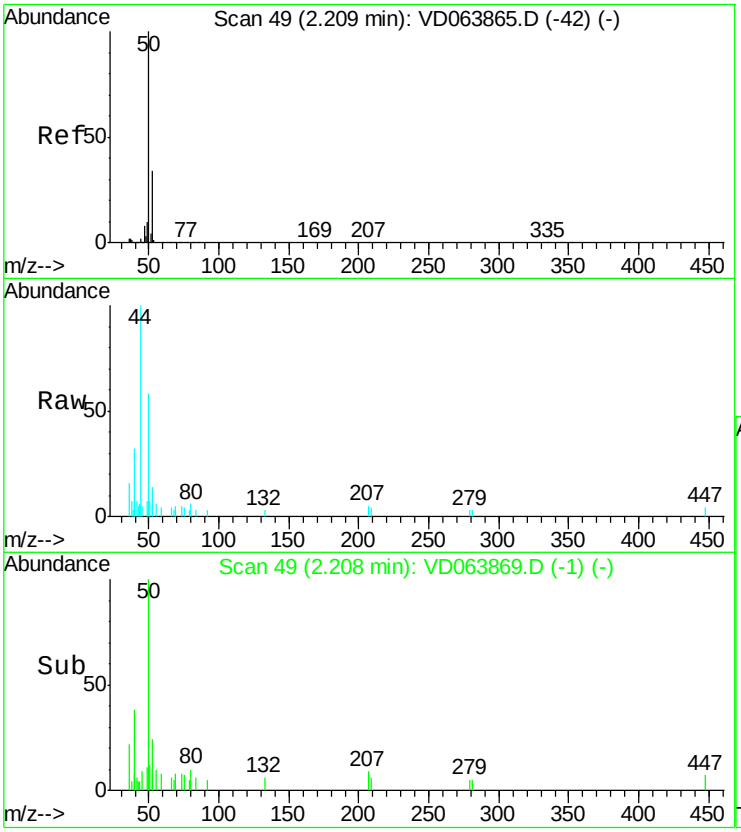


#2
Dichlorodifluoromethane
Concen: 1.679 ug/l
RT: 1.98 min Scan# 11
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 85 Resp: 2262

Ion	Ratio	Lower	Upper
85	100		
87	36.5	14.0	42.0



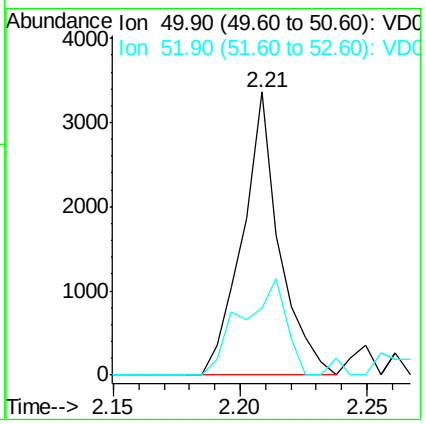


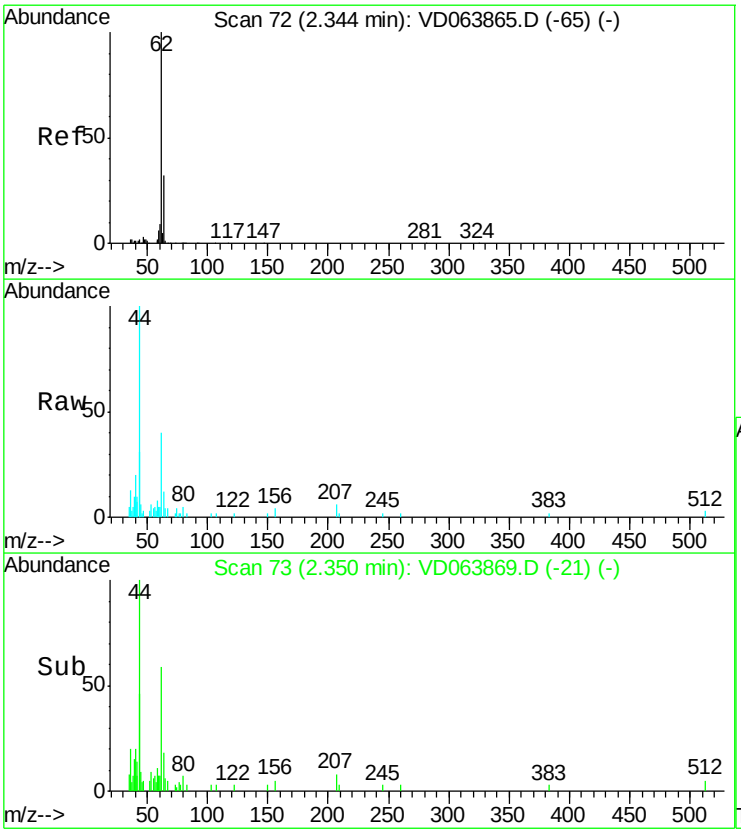
#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 50 Resp: 3425

Ion	Ratio	Lower	Upper
50	100		
52	23.9	27.5	41.3#

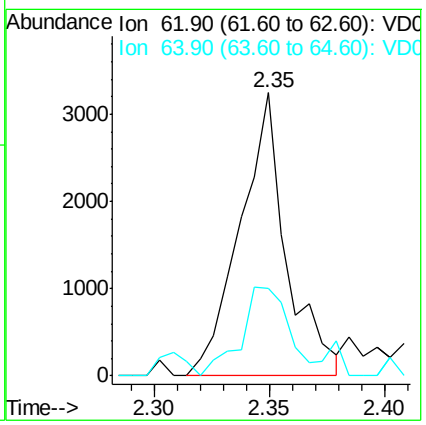


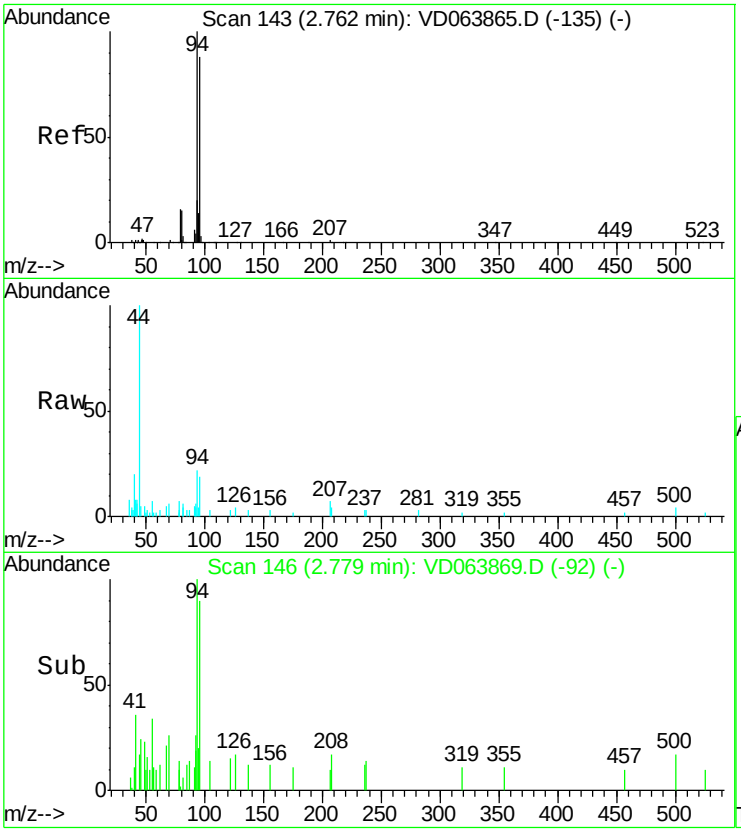


#4
Vinyl Chloride
Concen: 1.044 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 62 Resp: 4545

Ion	Ratio	Lower	Upper
62	100		
64	25.8	25.4	38.0



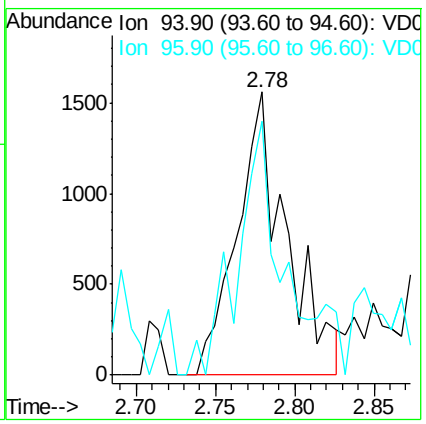


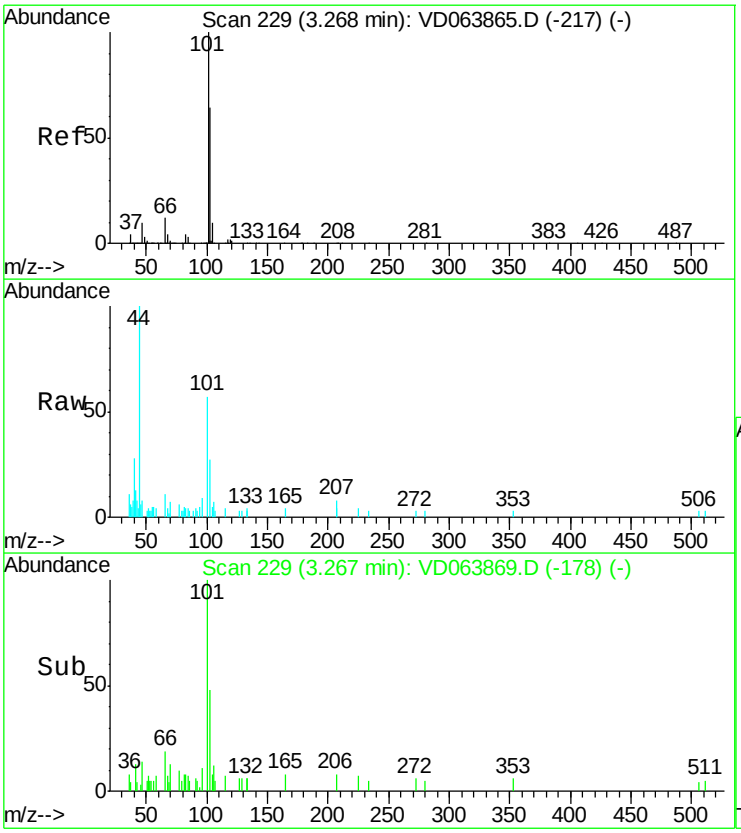
#5
Bromomethane
Concen: 1.208 ug/l
RT: 2.78 min Scan# 146
Delta R.T. 0.02 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion: 94 Resp: 3383

Ion	Ratio	Lower	Upper
94	100		
96	89.8	70.8	106.2

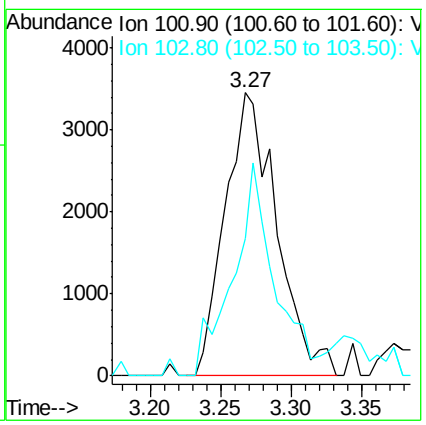


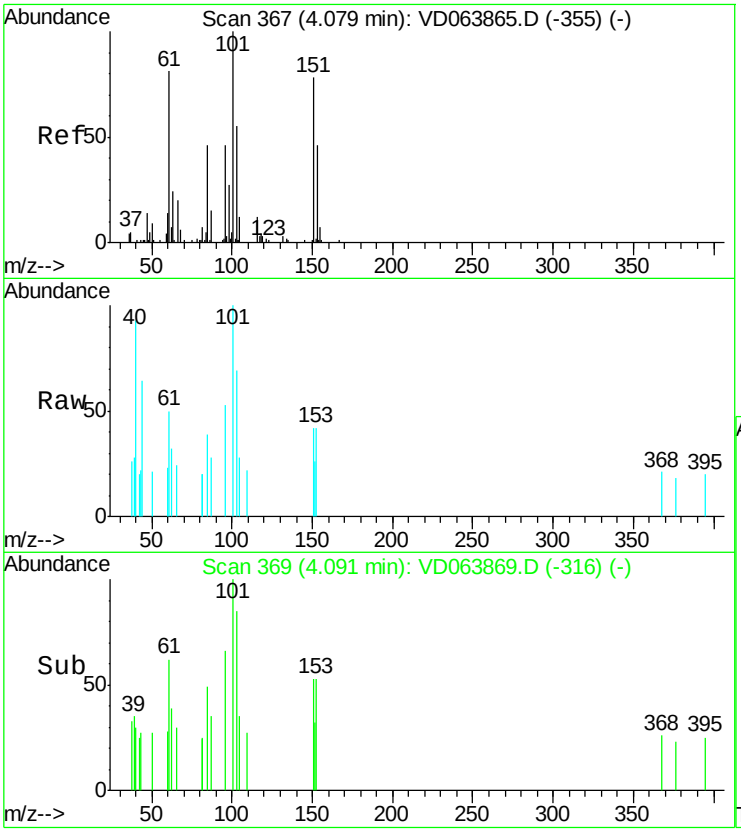


#7
Trichlorofluoromethane
Concen: 1.532 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion:101 Resp: 8820

Ion	Ratio	Lower	Upper
101	100		
103	48.4	51.1	76.7#



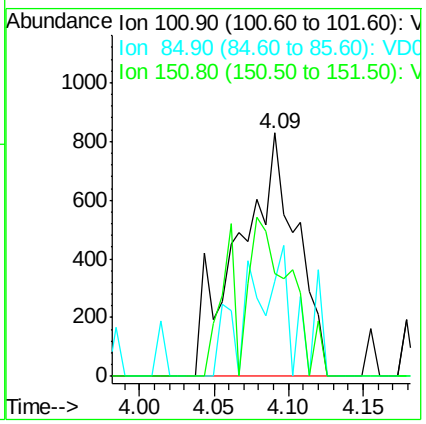


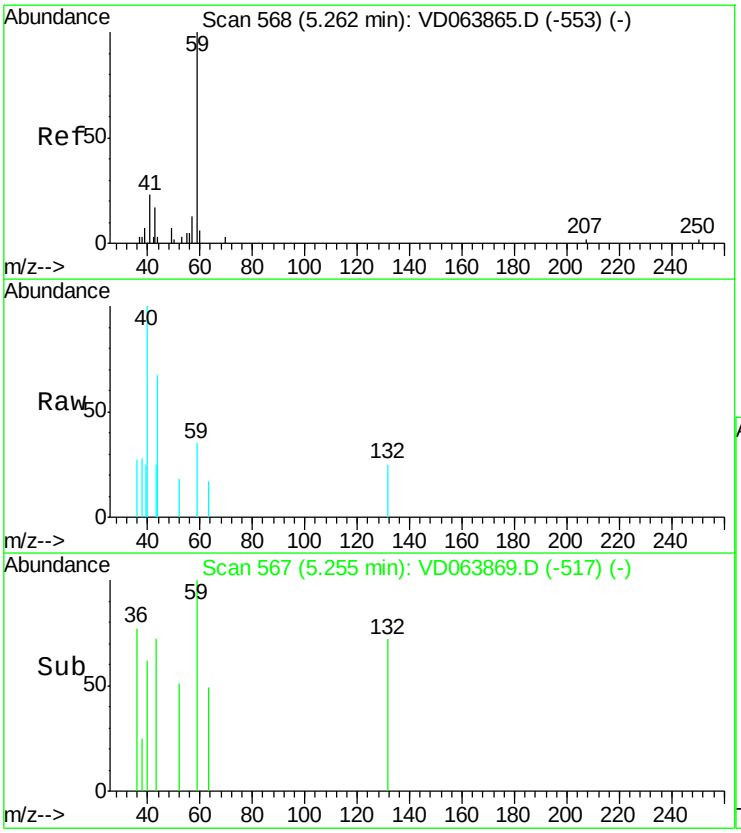
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.389 ug/l
RT: 4.09 min Scan# 369
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion:101 Resp: 2214

Ion	Ratio	Lower	Upper
101	100		
85	16.6	37.5	56.3#
151	0.0	65.5	98.3#

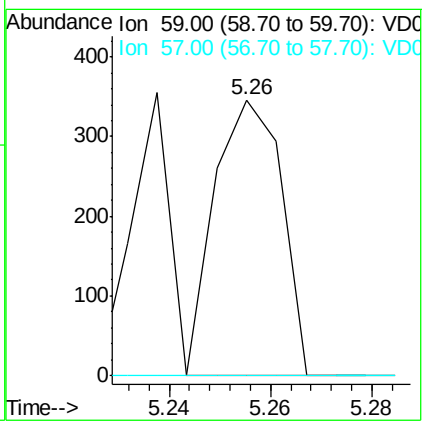


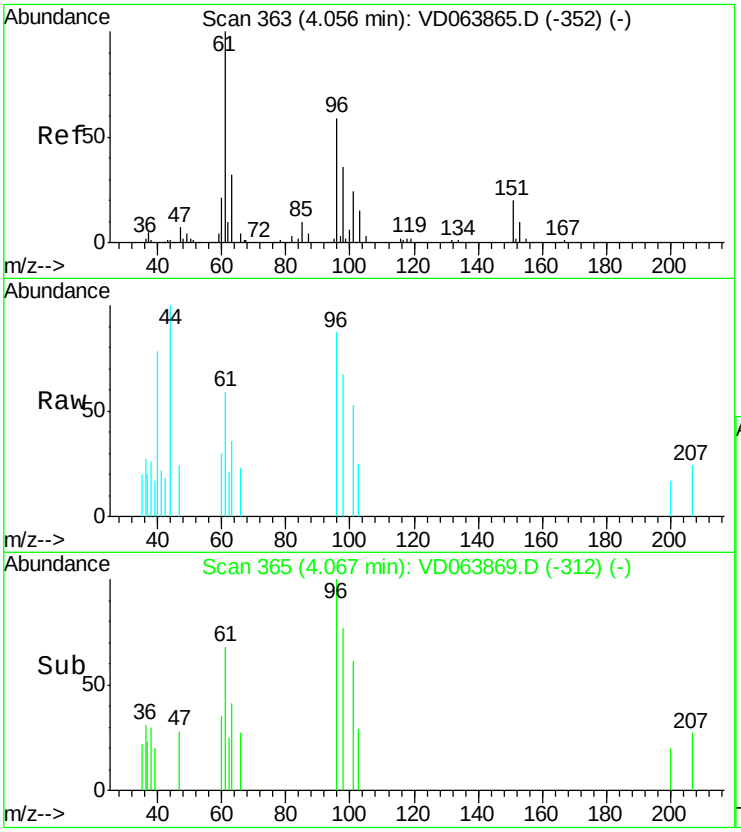


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.26 min Scan# 567
Delta R.T. -0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 59 Resp: 318

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



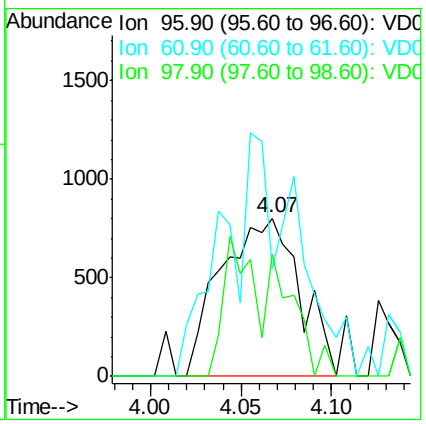


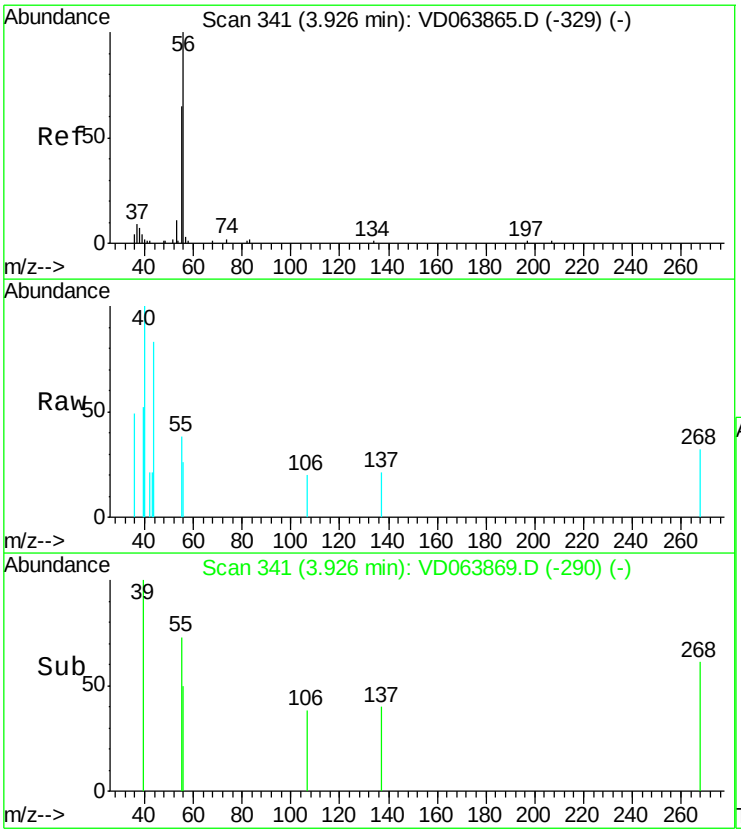
#12
1,1-Dichloroethene
Concen: 1.527 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion: 96 Resp: 2431

Ion	Ratio	Lower	Upper
96	100		
61	43.8	135.6	203.4#
98	77.3	49.2	73.8#

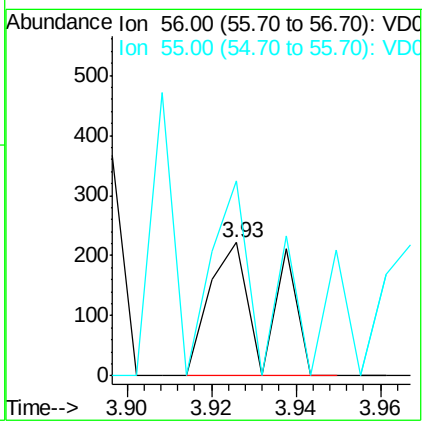


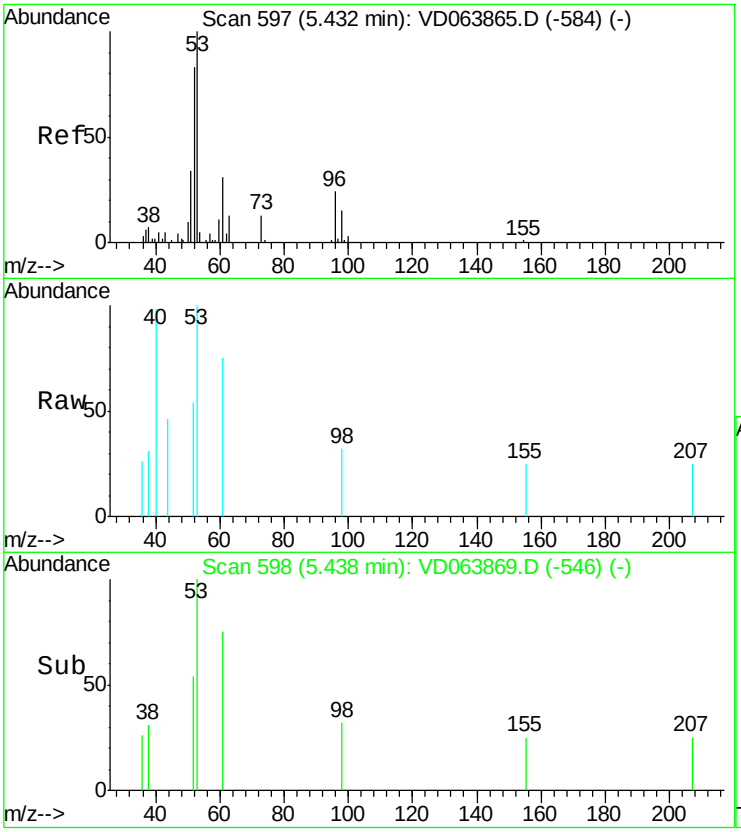


#13
Acrolein
Concen: 1.271 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 56 Resp: 210

Ion	Ratio	Lower	Upper
56	100		
55	93.3	53.0	79.6#



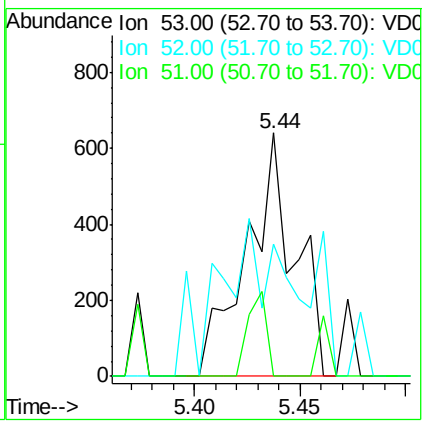


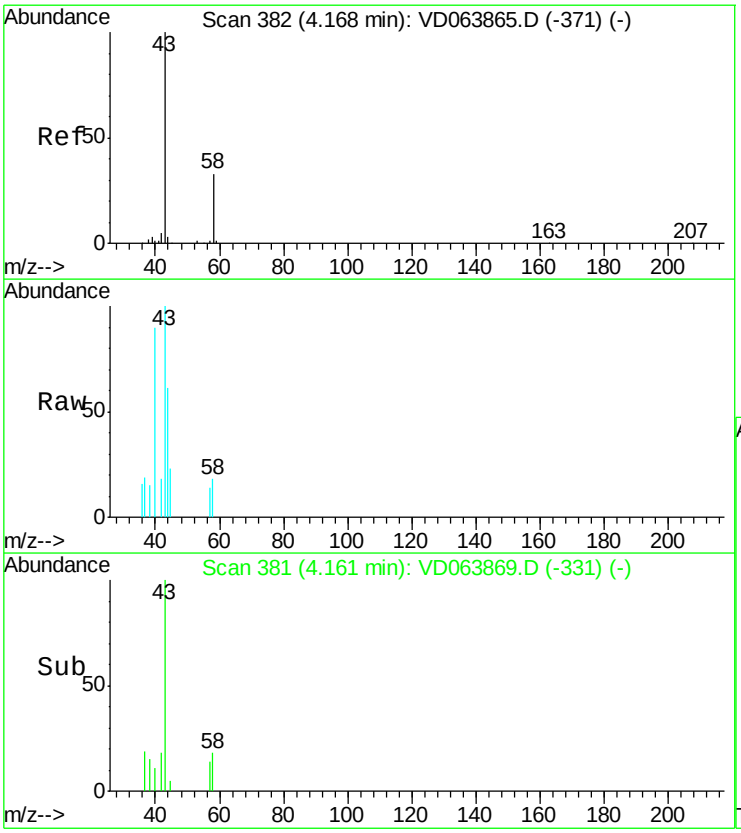
#15
Acrylonitrile
Concen: 2.489 ug/l
RT: 5.44 min Scan# 598
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 53 Resp: 1014

Ion	Ratio	Lower	Upper
53	100		
52	104.7	67.3	100.9#
51	13.4	30.5	45.7#

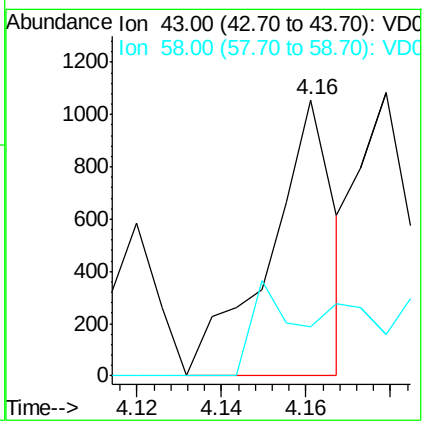


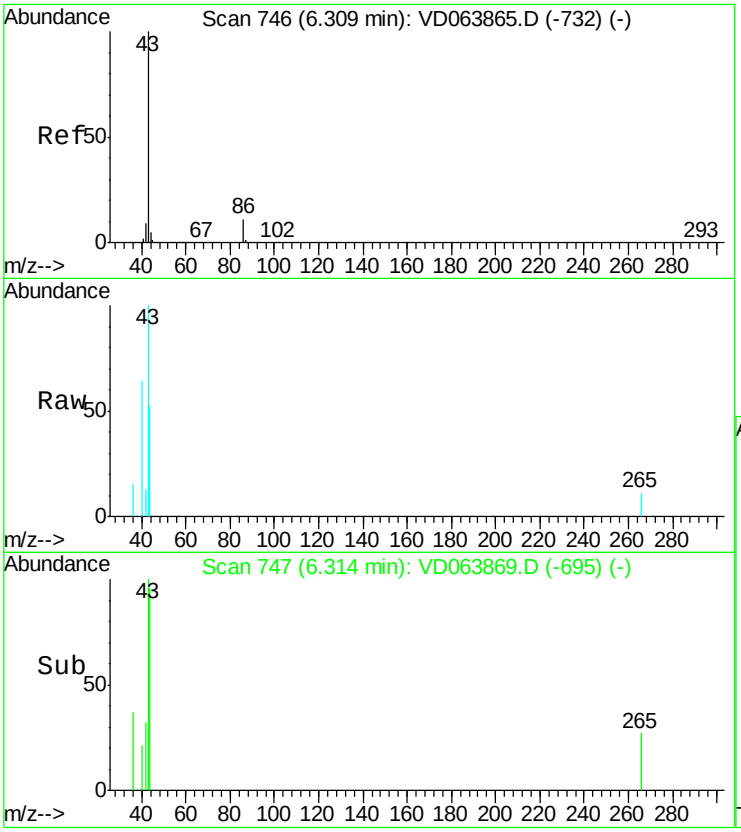


#16
Acetone
Concen: 2.317 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 43 Resp: 1116

Ion	Ratio	Lower	Upper
43	100		
58	17.9	26.2	39.4#



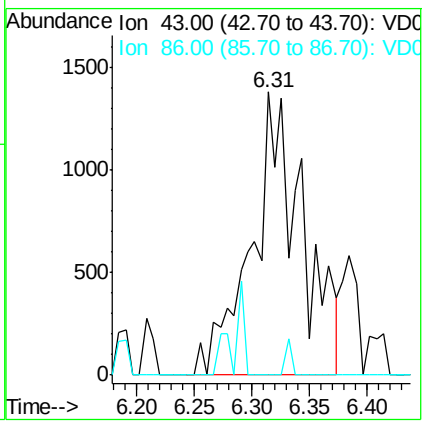


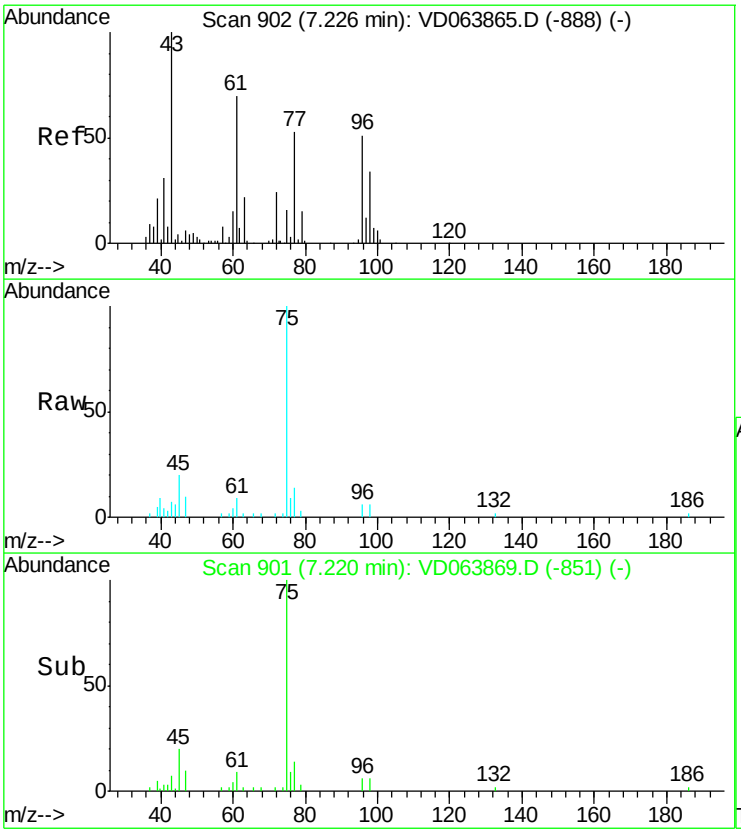
#23
Vinyl Acetate
Concen: 1.311 ug/l
RT: 6.31 min Scan# 747
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 43 Resp: 4217

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

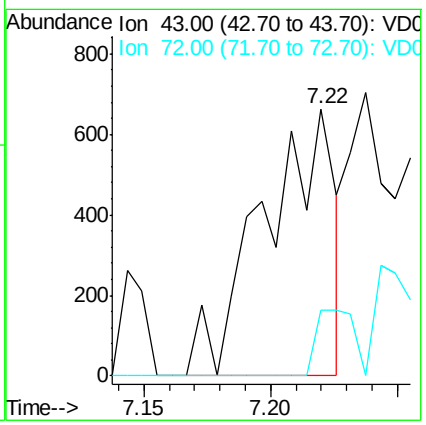


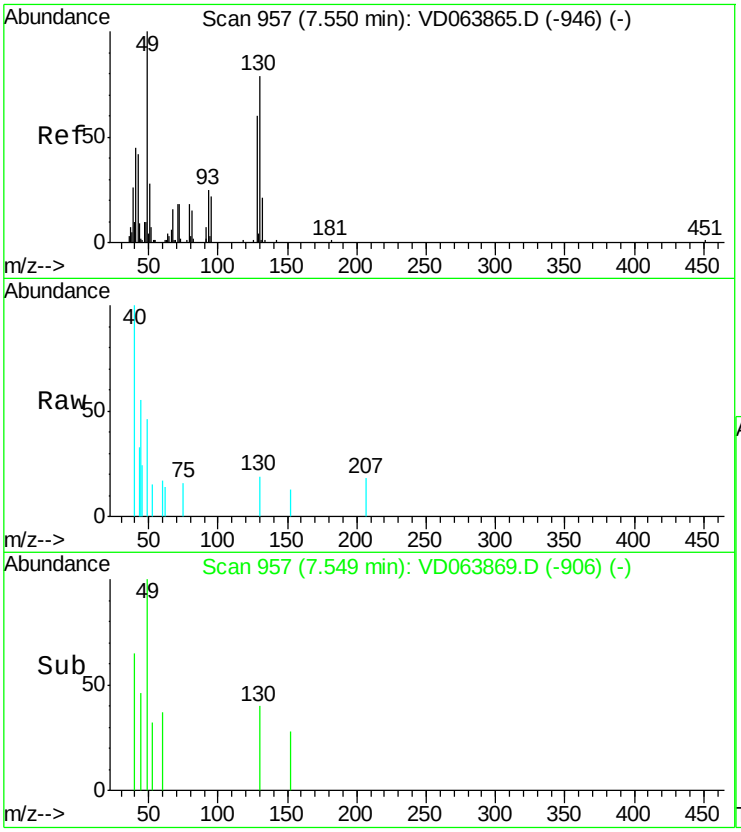


#25
2-Butanone
Concen: 2.262 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 43 Resp: 1291

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.2	28.8



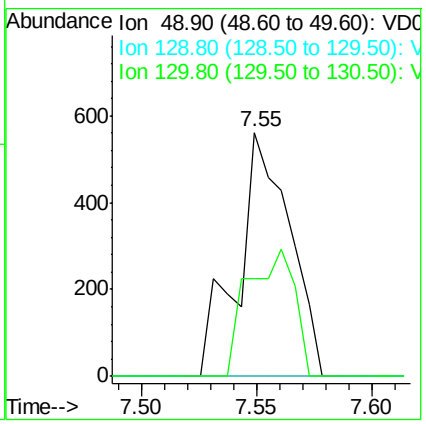


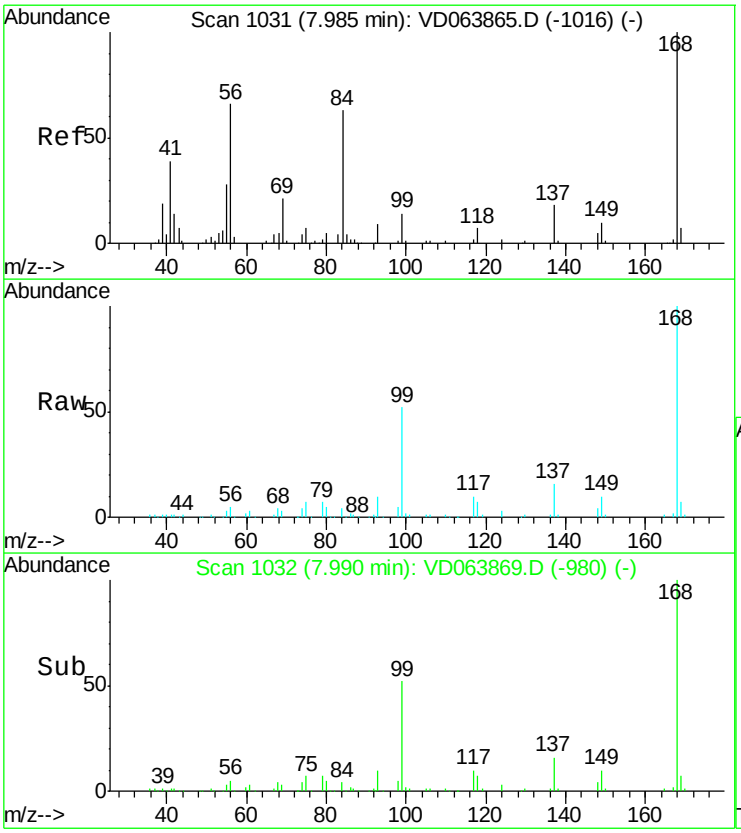
#28
Bromochloromethane
Concen: 2.532 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 49 Resp: 878

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.6
130	47.2	66.8	100.2#

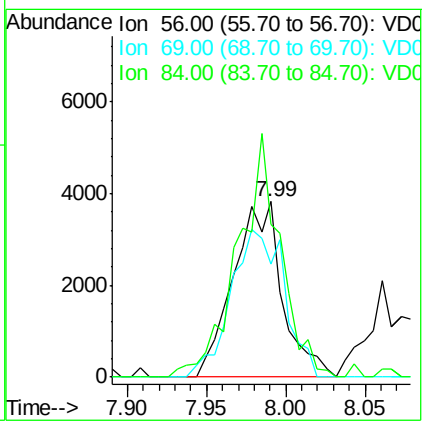


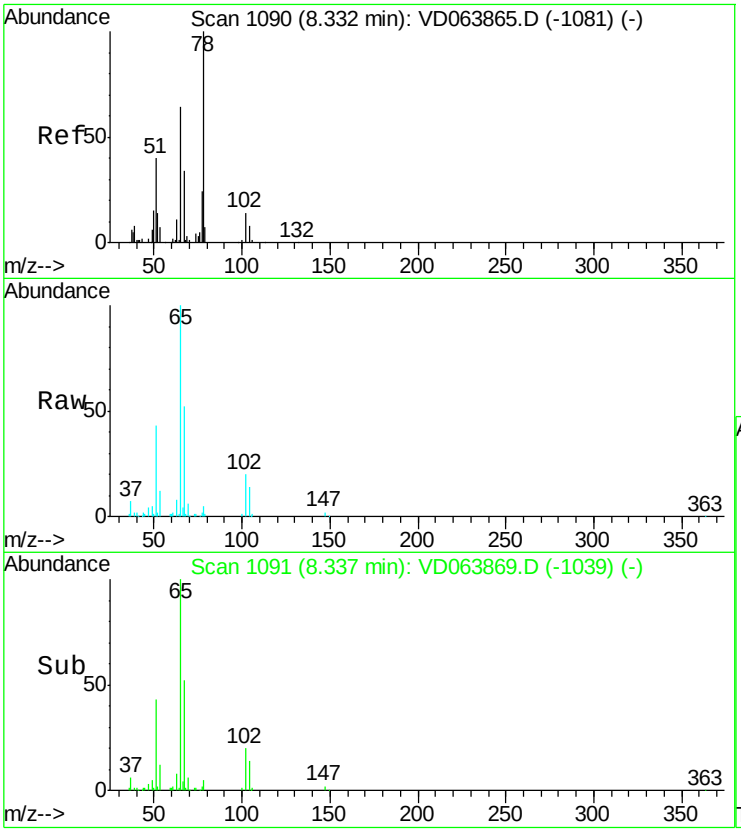


#31
Cyclohexane
Concen: Below Cal
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 56 Resp: 8187

Ion	Ratio	Lower	Upper
56	100		
69	64.7	25.0	37.4#
84	86.9	76.3	114.5



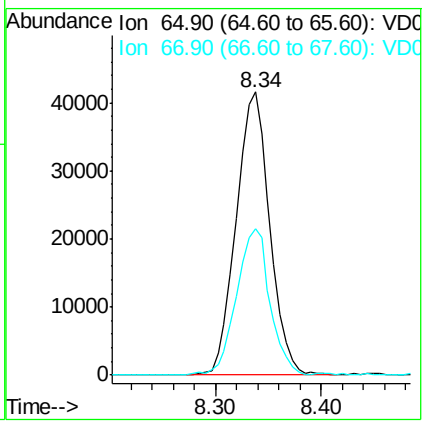


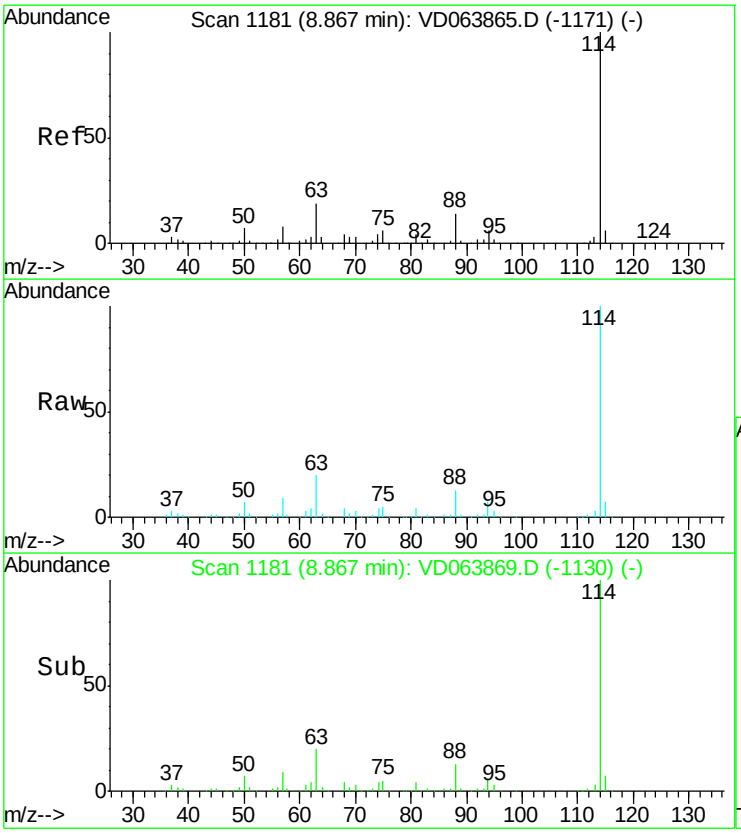
#33
1,2-Dichloroethane-d4
Concen: 49.450 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 65 Resp: 91472

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.4

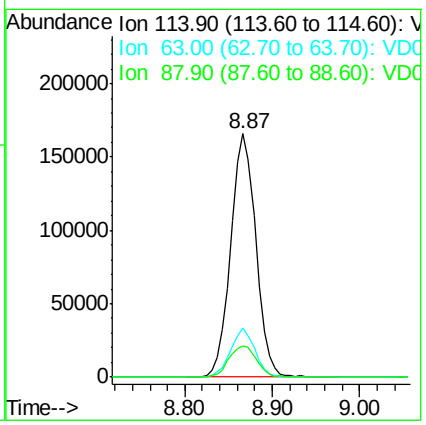


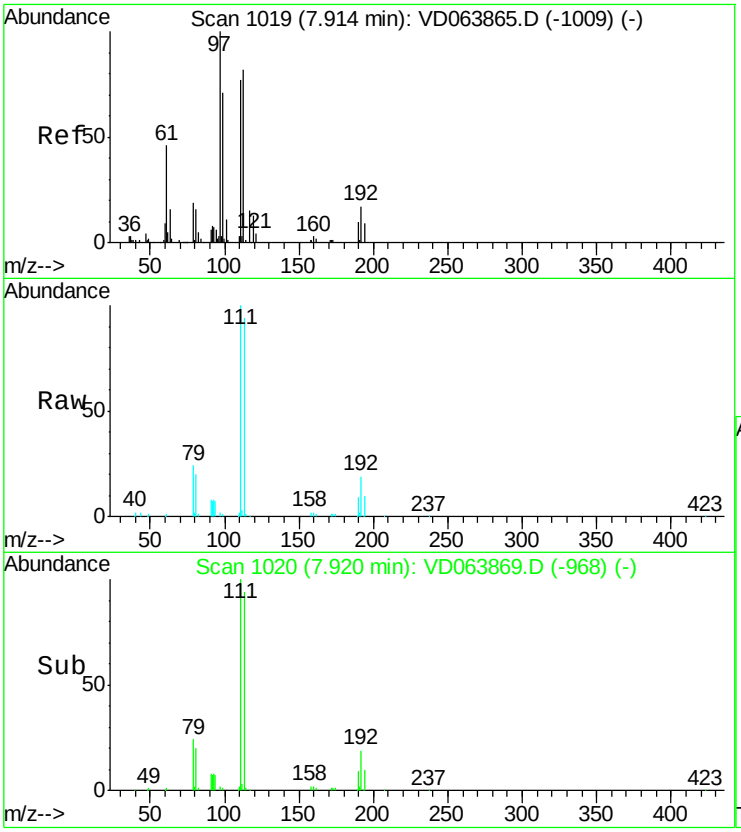


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion:114 Resp: 322113

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	12.9	0.0	27.4



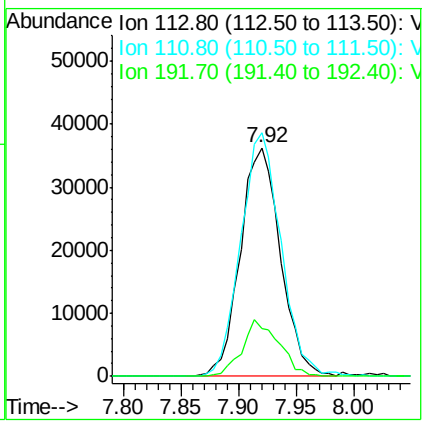


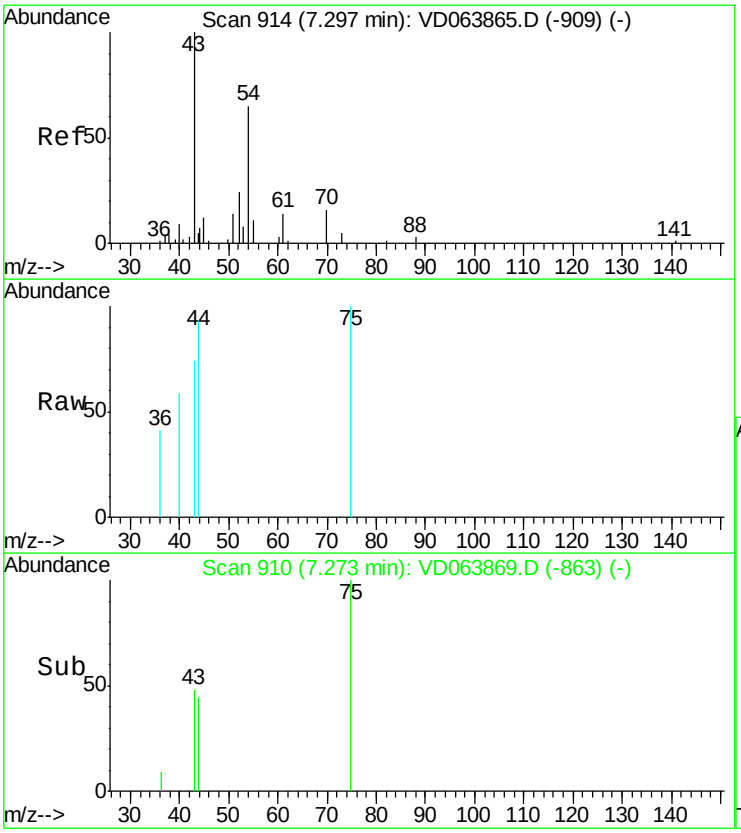
#35
Dibromofluoromethane
Concen: 44.727 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion:113 Resp: 88046

Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.6	123.8
192	22.4	17.1	25.7

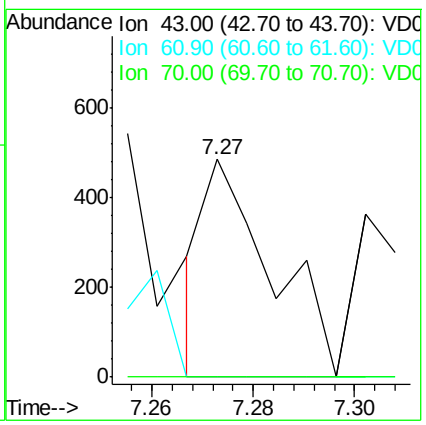


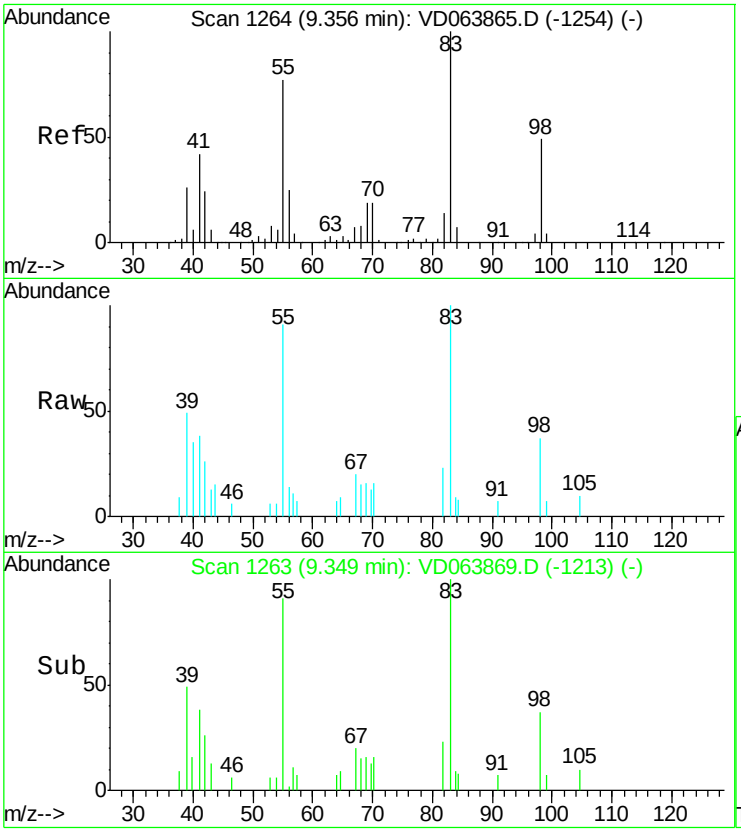


#37
Ethyl Acetate
Concen: Below Cal
RT: 7.27 min Scan# 910
Delta R.T. -0.02 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 43 Resp: 445

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	8.2	12.4#



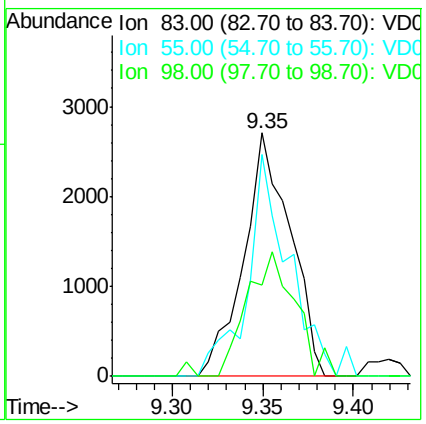


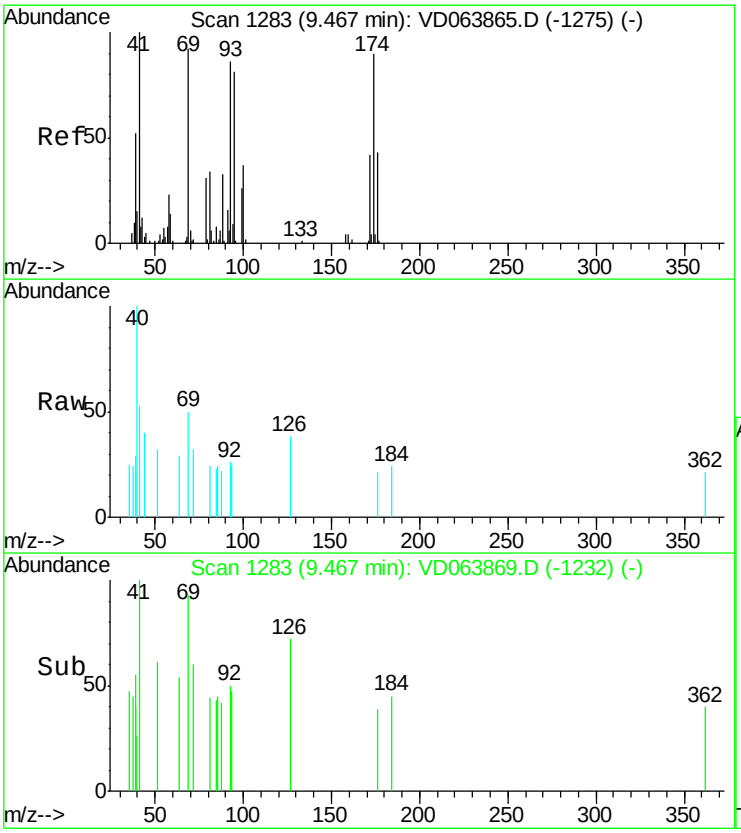
#39
Methylcyclohexane
Concen: 1.334 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion: 83 Resp: 4829

Ion	Ratio	Lower	Upper
83	100		
55	90.9	61.3	91.9
98	37.3	39.3	58.9#

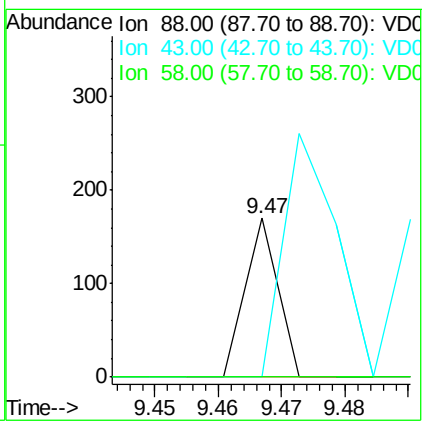


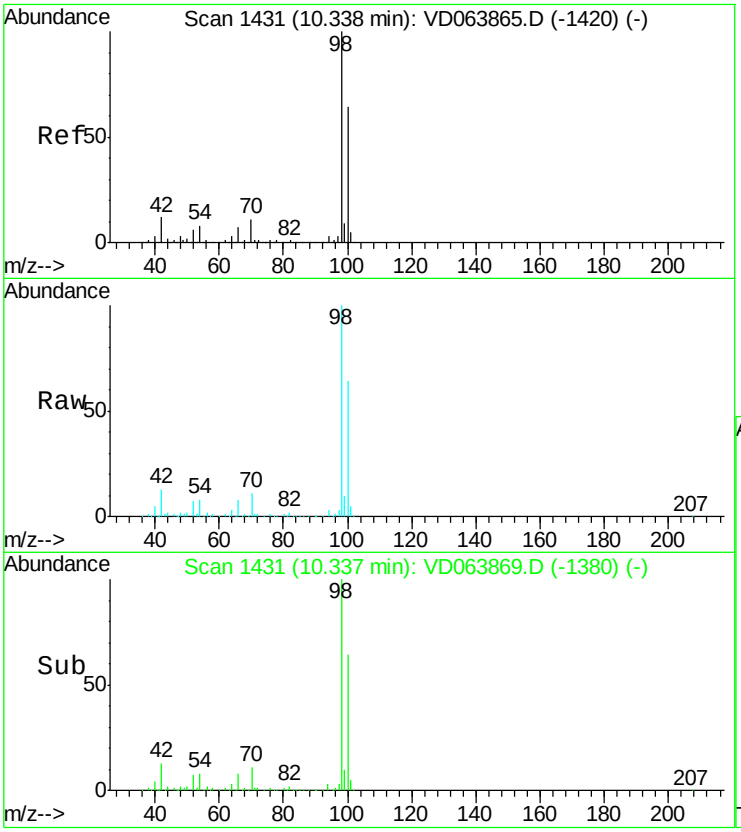


#49
1,4-Dioxane
Concen: 3.736 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	250.0	27.6	41.4#
58	0.0	54.1	81.1#



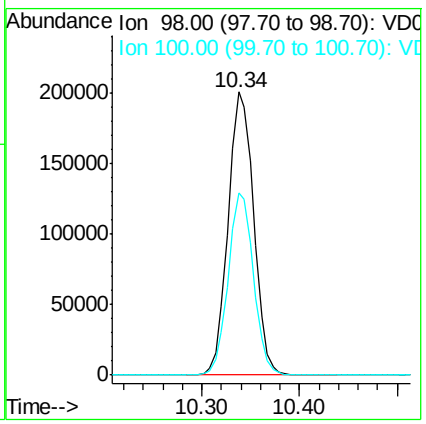


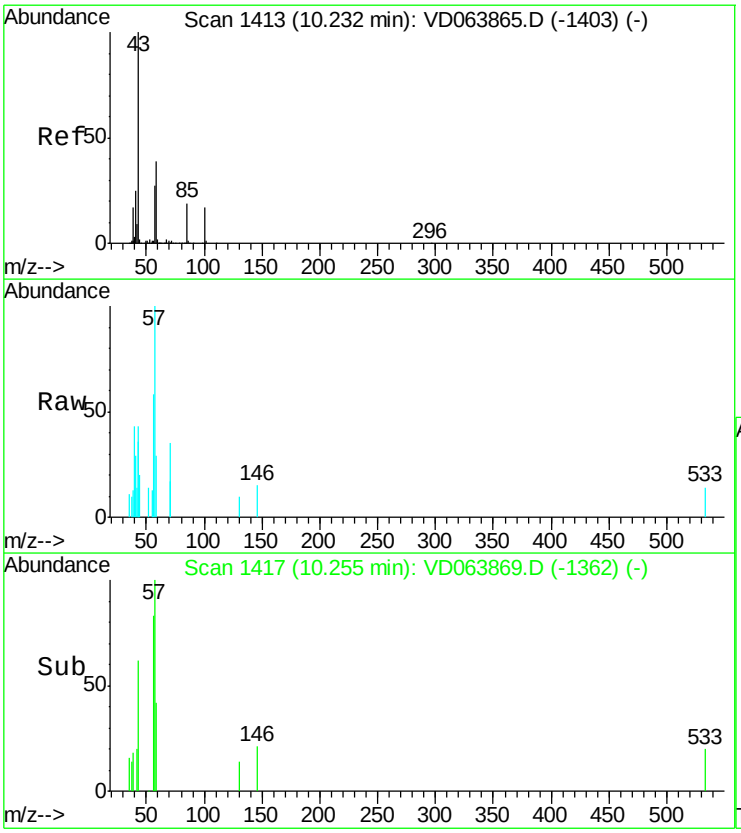
#50
Toluene-d8
Concen: 45.675 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion: 98 Resp: 364939

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.1	78.1

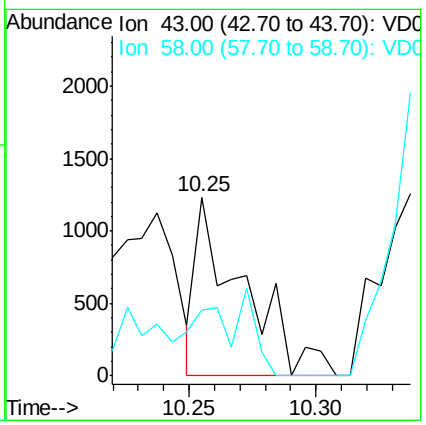


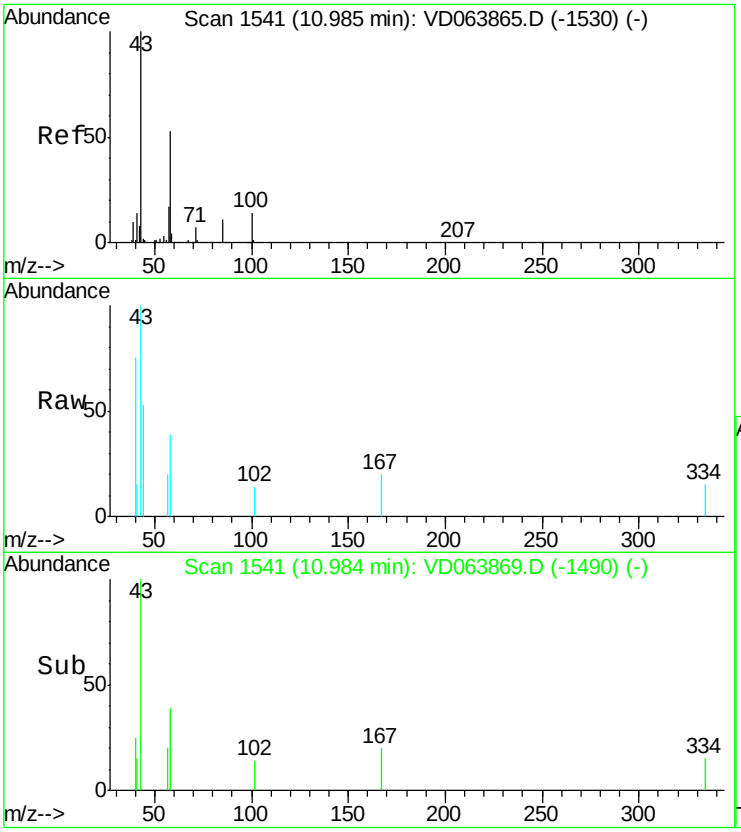


#51
4-Methyl-2-Pentanone
Concen: 1.237 ug/l
RT: 10.25 min Scan# 1417
Delta R.T. 0.02 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 43 Resp: 1585

Ion	Ratio	Lower	Upper
43	100		
58	48.6	33.0	49.4



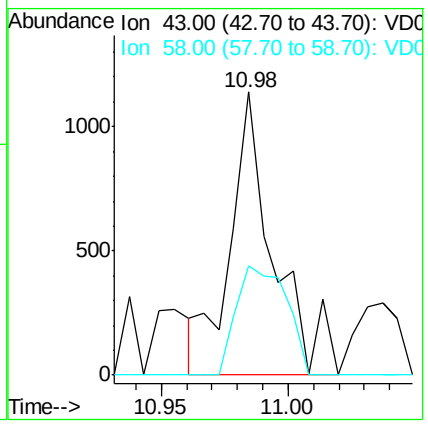


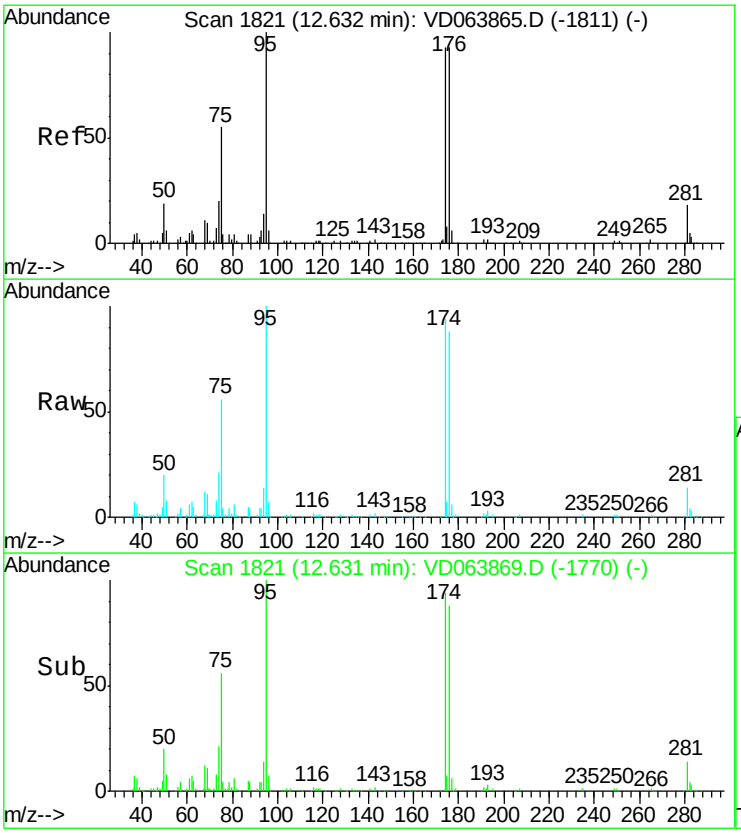
#59
2-Hexanone
Concen: 1.455 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 43 Resp: 1348

Ion	Ratio	Lower	Upper
43	100		
58	44.8	27.7	83.0

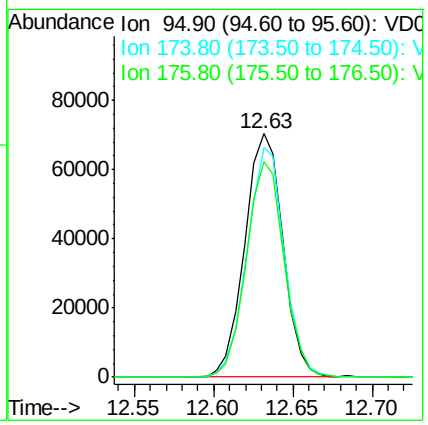


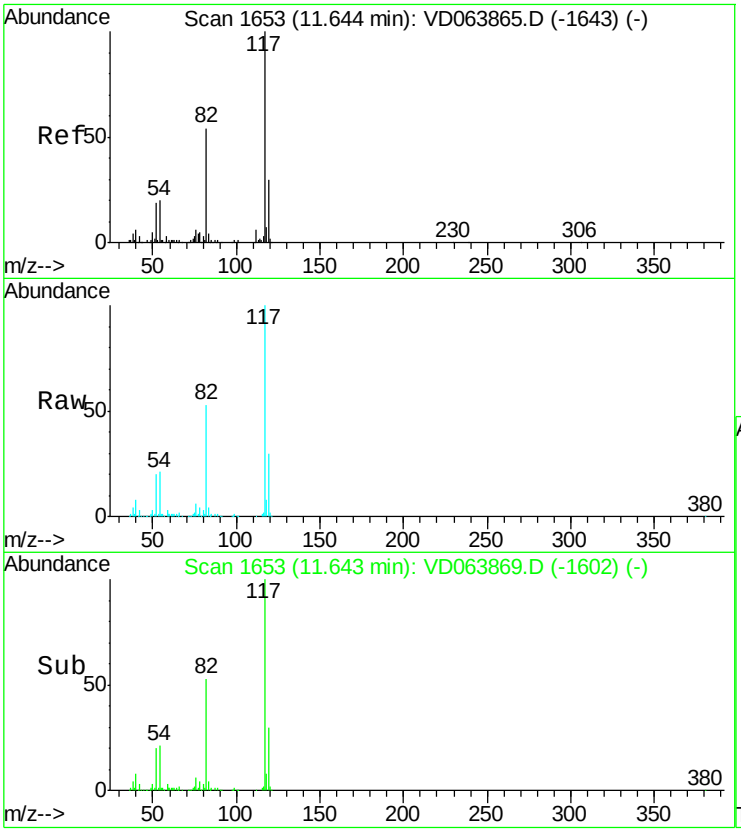


#62
4-Bromofluorobenzene
Concen: 42.418 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 95 Resp: 117773

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	186.4
176	87.4	0.0	184.2



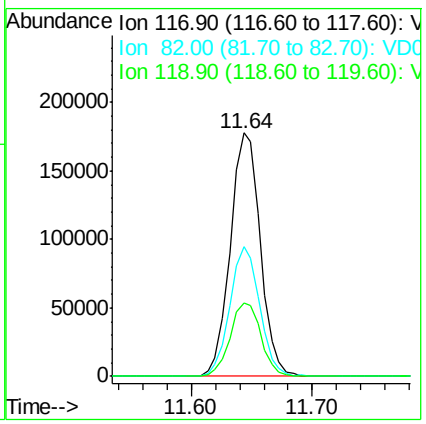


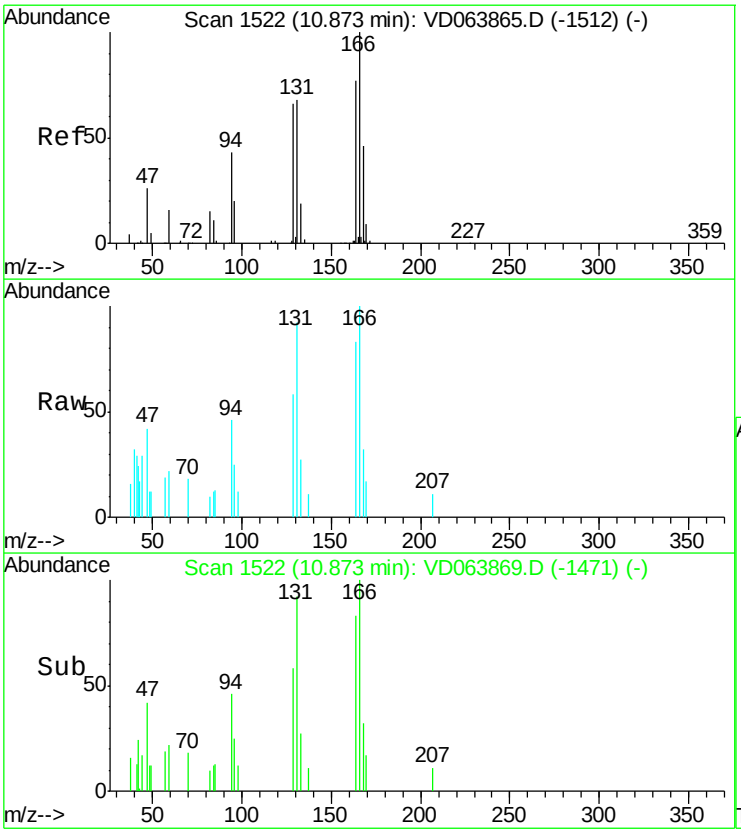
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion:117 Resp: 308025

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.8	64.2
119	30.0	24.4	36.6

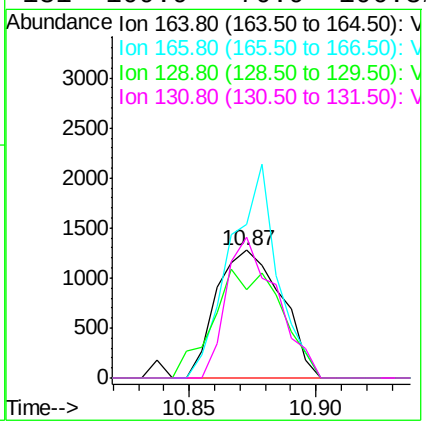


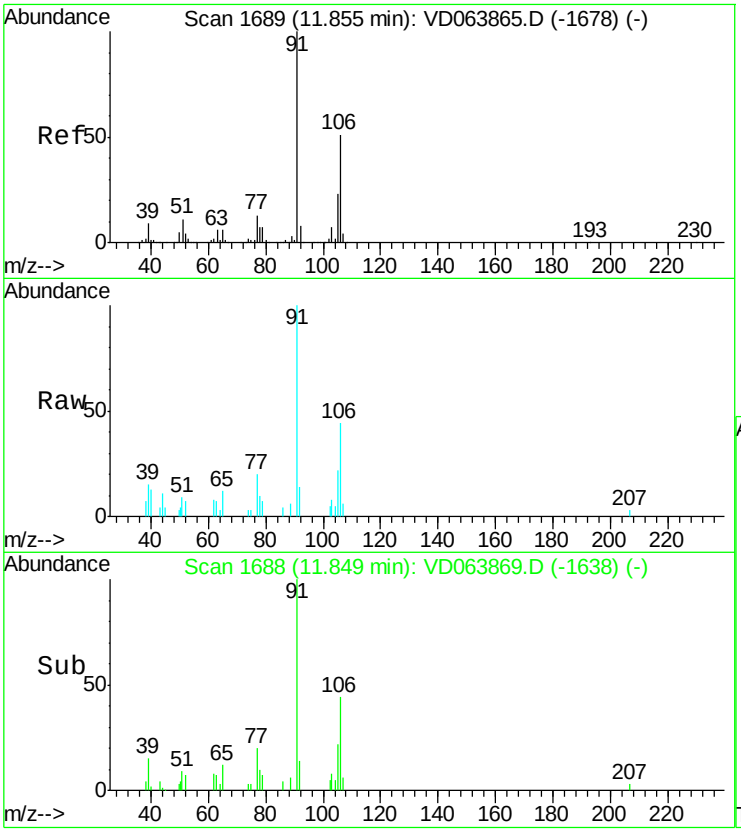


#64
Tetrachloroethene
Concen: 1.087 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion:164 Resp: 2285

Ion	Ratio	Lower	Upper
164	100		
166	119.9	103.8	155.6
129	69.0	68.9	103.3
131	109.9	70.9	106.3#



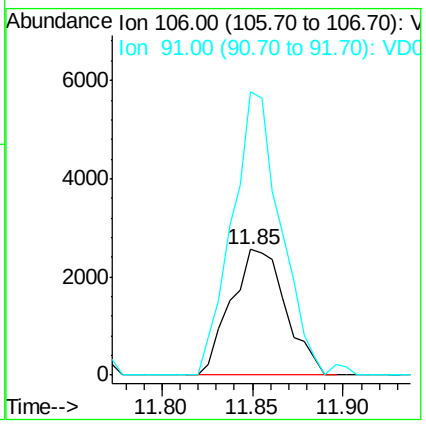


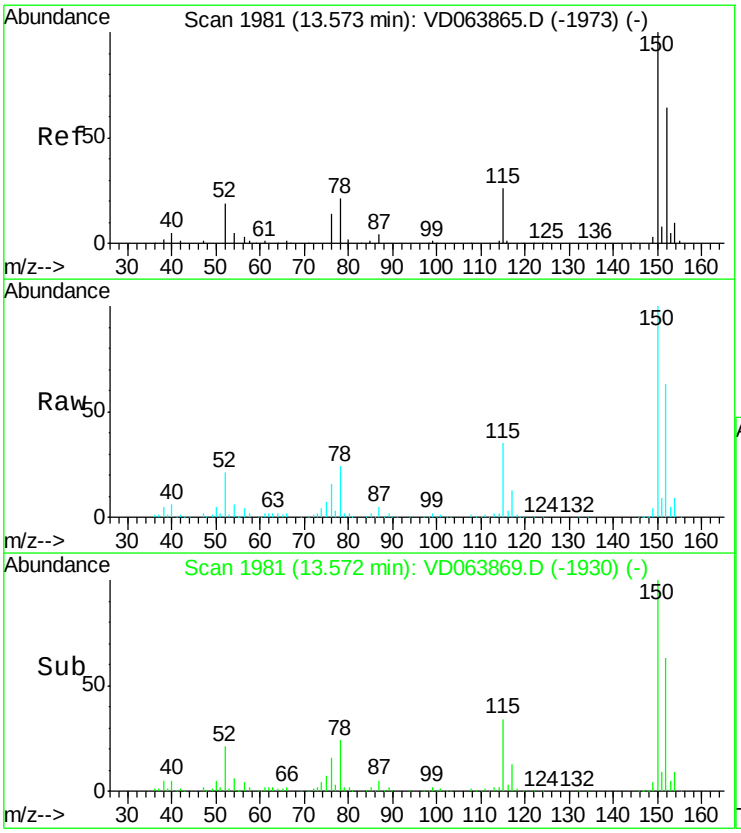
#68
m/p-Xylenes
Concen: 1.244 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion:106 Resp: 5358

Ion	Ratio	Lower	Upper
106	100		
91	202.8	154.8	232.2

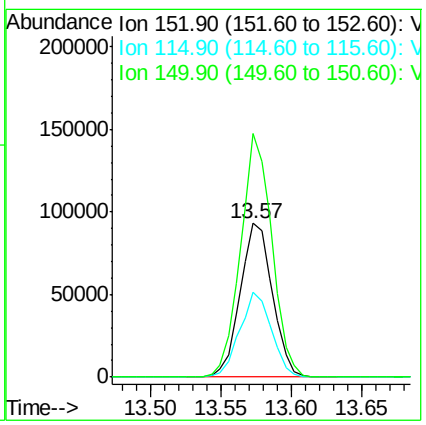


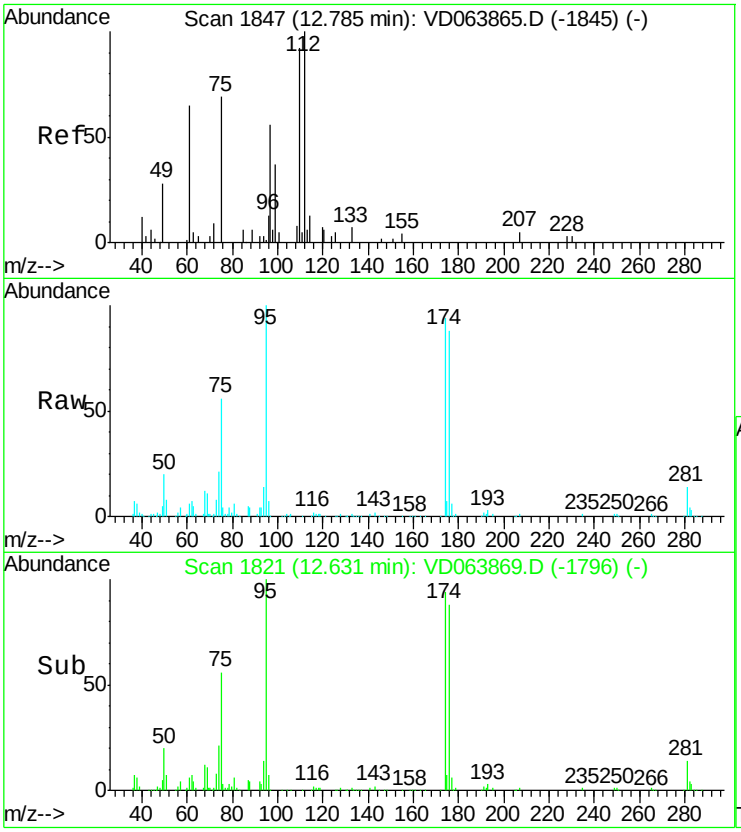


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion:152 Resp: 149060

Ion	Ratio	Lower	Upper
152	100		
115	54.1	25.9	77.7
150	153.6	0.0	344.2



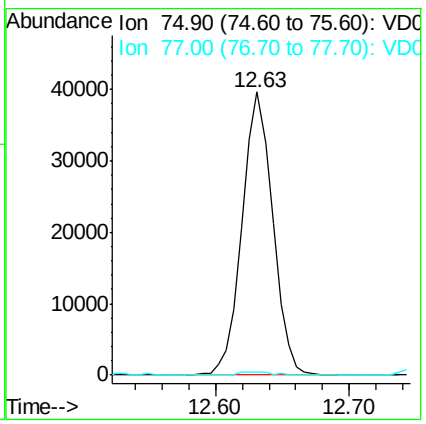


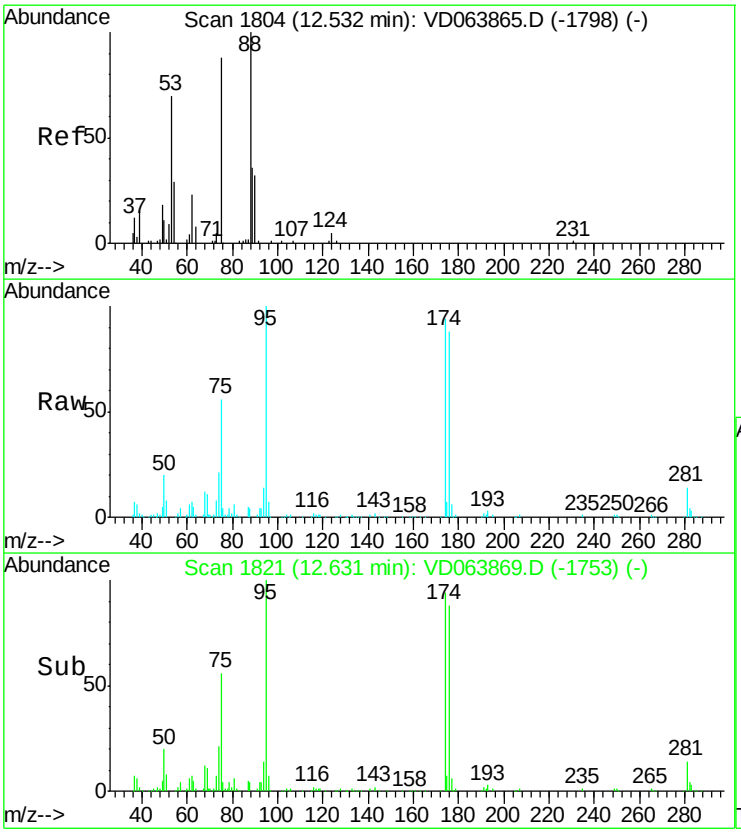
#76
1,2,3-Trichloropropane
Concen: 62.796 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument : MSVOA_D
ClientSampleId : VD1002SBL03

Tgt Ion: 75 Resp: 62693

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

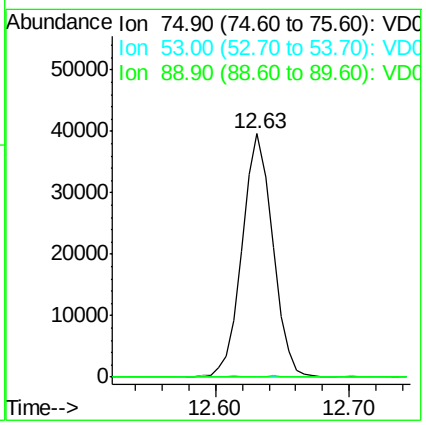


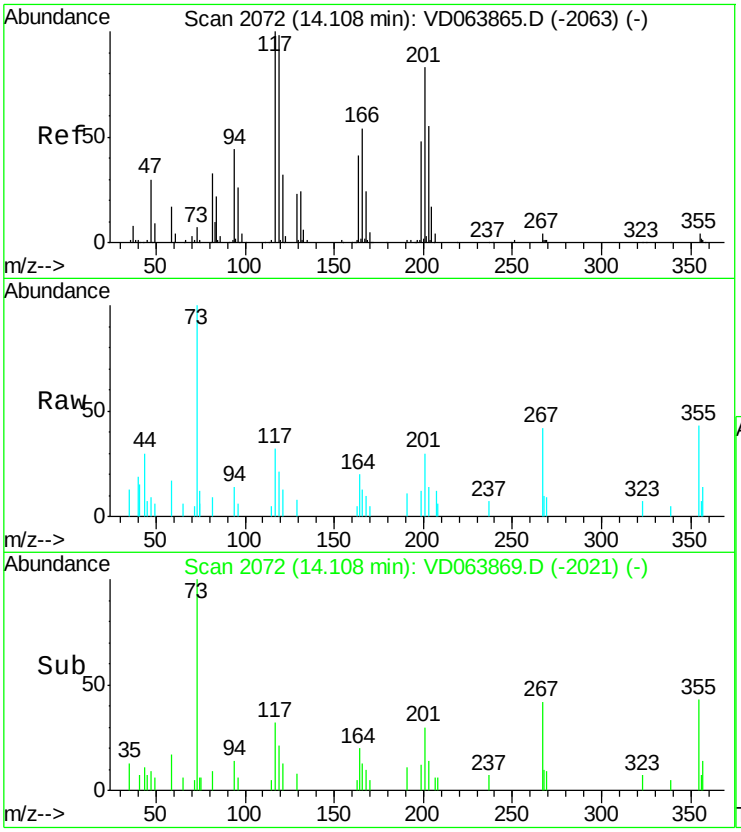


#81
trans-1,4-Dichloro-2-butene
Concen: 111.123 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 75 Resp: 62693

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.1	38.2	57.4#



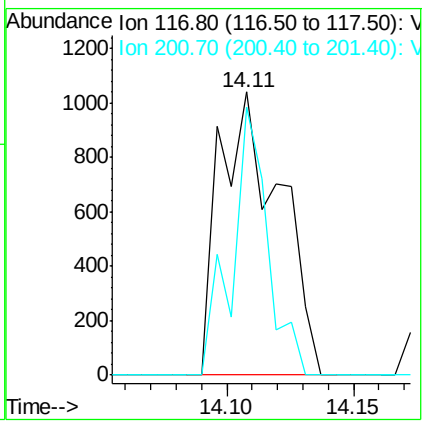


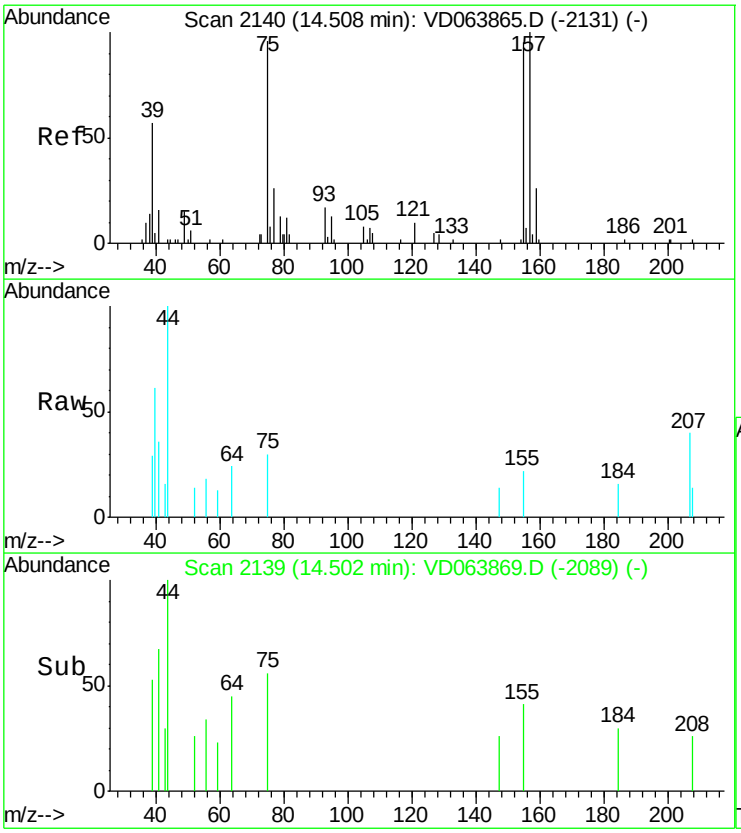
#90
Hexachloroethane
Concen: 1.012 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion:117 Resp: 1731

Ion	Ratio	Lower	Upper
117	100		
201	55.6	40.6	121.7

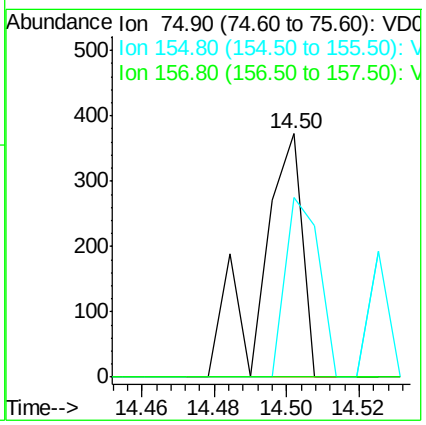


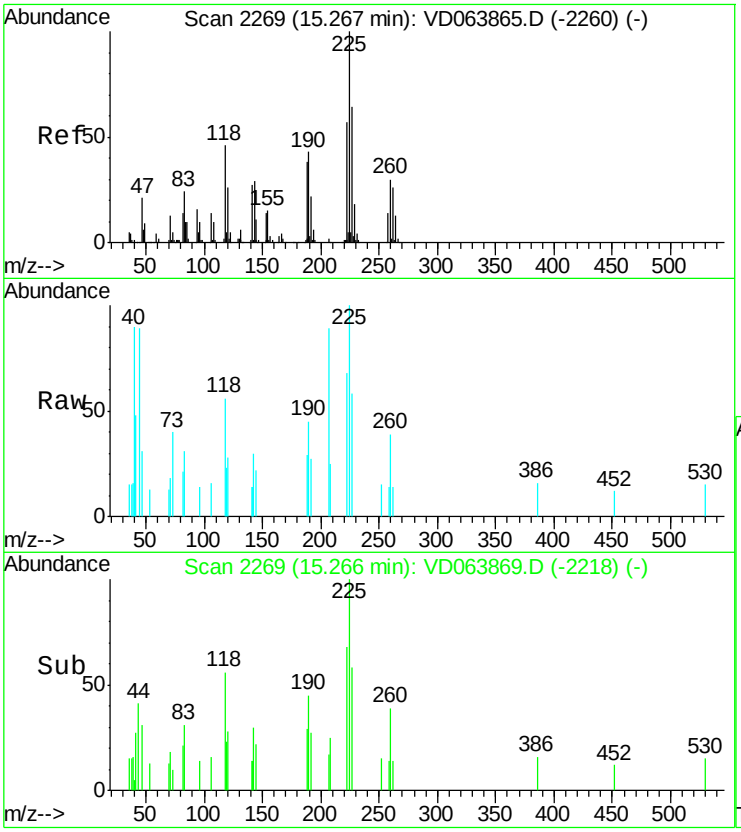


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.50 min Scan# 2139
Delta R.T. -0.01 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 75 Resp: 294

Ion	Ratio	Lower	Upper
75	100		
155	60.9	43.9	131.6
157	0.0	56.0	167.9#



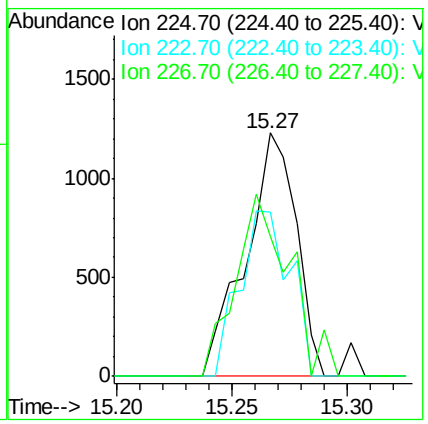


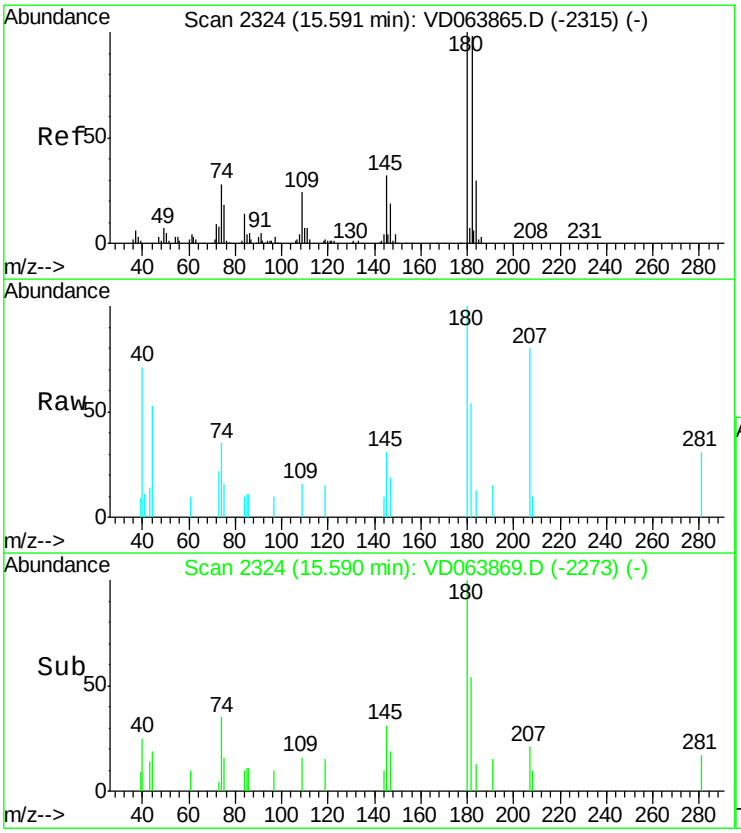
#94
Hexachlorobutadiene
Concen: 1.030 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tgt Ion:225 Resp: 1864

Ion	Ratio	Lower	Upper
225	100		
223	68.1	29.5	88.6
227	80.5	30.8	92.4





#96
1,2,3-Trichlorobenzene
Concen: 1.079 ug/l
RT: 15.59 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion:180 Resp: 3055

Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.0	141.0
145	26.7	15.3	45.9