Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101119\
Data File : VD063944.D
Acq On : 11 Oct 2019 18:33
Operator : VA/SY
Sample : K5325-10
Misc : 5.78G/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Quant Time: Oct 12 01:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.87	168	66	50.00	ug/l	-0.12
34) 1,4-Difluorobenzene	8.92	114	76	50.00	ug/l	0.05
63) Chlorobenzene-d5	11.88	117	91	50.00	ug/l	0.24
72) 1,4-Dichlorobenzene-d4	13.58	152	58	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	63	98.05	ug/l	-0.32
Spiked Amount 50.000			Recovery = 196.10%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.35	98	83	44.03	ug/l	0.01
Spiked Amount 50.000			Recovery = 88.06%			
62) 4-Bromofluorobenzene	12.72	95	95	145.02	ug/l	0.09
Spiked Amount 50.000			Recovery = 290.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	56	119.644	ug/l #	47
3) Chloromethane	2.14	50	60	47.212	ug/l #	40
4) Vinyl Chloride	2.21	62	111	73.375	ug/l #	43
6) Chloroethane	2.87	64	58	57.974	ug/l #	46
8) Diethyl Ether	3.49	74	132	411.175	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.88	101	73	131.854	ug/l #	16
11) Tert butyl alcohol	5.05	59	202	4666.784	ug/l #	71
13) Acrolein	3.79	56	59	1028.062	ug/l #	64
14) Allyl chloride	4.63	41	68	73.943	ug/l #	1
15) Acrylonitrile	5.27	53	66	466.308	ug/l #	53
16) Acetone	4.09	43	142	848.809	ug/l #	42
17) Carbon Disulfide	4.13	76	58	28.846	ug/l #	79
18) Methyl Acetate	4.69	43	126	385.078	ug/l #	49
19) Methyl tert-butyl Ether	5.34	73	56	39.097	ug/l #	53
20) Methylene Chloride	4.76	84	114	160.211	ug/l #	7
22) Diisopropyl ether	6.29	45	83	44.192	ug/l #	38
23) Vinyl Acetate	6.23	43	179	160.209	ug/l #	71
24) 1,1-Dichloroethane	6.13	63	59	51.000	ug/l #	82
25) 2-Butanone	7.06	43	59	297.588	ug/l #	51
26) 2,2-Dichloropropane	6.93	77	58	55.423	ug/l #	53
28) Bromochloromethane	7.54	49	196	430.879	ug/l #	10
29) Tetrahydrofuran	7.52	42	67	578.979	ug/l #	31
30) Chloroform	7.54	83	98	77.994	ug/l #	20
31) Cyclohexane	7.79	56	79	85.423	ug/l #	12
36) 1,1-Dichloropropene	8.21	75	59	84.906	ug/l #	41
37) Ethyl Acetate	7.35	43	322	1251.449	ug/l #	85
39) Methylcyclohexane	9.24	83	67	78.418	ug/l #	18
40) Benzene	8.40	78	56	28.122	ug/l #	52
41) Methacrylonitrile	7.56	41	113	701.396	ug/l #	25
43) Isopropyl Acetate	8.50	43	97	166.450	ug/l #	49
45) 1,2-Dichloropropane	9.26	63	127	260.560	ug/l #	41
47) Bromodichloromethane	9.73	83	64	89.551	ug/l #	26
48) Methyl methacrylate	9.50	41	246	881.033	ug/l #	40
49) 1,4-Dioxane	9.58	88	137	36156.964	ug/l #	24

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101119\
Data File : VD063944.D
Acq On : 11 Oct 2019 18:33
Operator : VA/SY
Sample : K5325-10
Misc : 5.78G/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Quant Time: Oct 12 01:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) 4-Methyl-2-Pentanone	10.26	43	72	238.229 ug/l #	28
53) t-1,3-Dichloropropene	10.63	75	57	81.732 ug/l #	46
54) cis-1,3-Dichloropropene	10.15	75	62	77.232 ug/l #	27
55) 1,1,2-Trichloroethane	10.83	97	74	188.805 ug/l #	14
56) Ethyl methacrylate	10.81	69	83	167.226 ug/l #	1
57) 1,3-Dichloropropane	11.08	76	70	104.385 ug/l #	41
58) 2-Chloroethyl Vinyl ether	10.06	63	61	285.924 ug/l #	1
59) 2-Hexanone	10.77	43	170	777.588 ug/l	84
61) 1,2-Dibromoethane	11.11	107	135	355.291 ug/l #	3
64) Tetrachloroethene	10.96	164	116	186.725 ug/l #	1
65) Chlorobenzene	11.53	112	77	42.133 ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.78	131	67	99.495 ug/l #	8
67) Ethyl Benzene	11.68	91	59	17.904 ug/l #	44
68) m/p-Xylenes	11.58	106	63	49.530 ug/l #	1
69) o-Xylene	12.30	106	65	53.369 ug/l #	1
70) Styrene	12.16	104	57	27.646 ug/l #	27
71) Bromoform	12.23	173	54	149.421 ug/l #	28
74) N-amyl acetate	12.29	43	59	70.282 ug/l #	41
76) 1,2,3-Trichloropropane	12.63	75	87	223.957 ug/l #	100
77) Bromobenzene	12.80	156	59	60.736 ug/l #	1
78) n-propylbenzene	12.83	91	58	12.673 ug/l #	51
79) 2-Chlorotoluene	12.83	91	58	22.983 ug/l #	38
81) trans-1,4-Dichloro-2-buten	12.49	75	82	373.537 ug/l #	12
82) 4-Chlorotoluene	13.07	91	57	21.292 ug/l #	1
83) tert-Butylbenzene	13.28	119	54	18.653 ug/l #	34
85) sec-Butylbenzene	13.61	105	71	18.160 ug/l #	55
86) p-Isopropyltoluene	13.28	119	54	14.596 ug/l #	1
87) 1,3-Dichlorobenzene	13.68	146	88	45.847 ug/l #	26
88) 1,4-Dichlorobenzene	13.68	146	88	46.473 ug/l #	25
89) n-Butylbenzene	13.89	91	72	20.908 ug/l #	32
90) Hexachloroethane	14.10	117	58	87.168 ug/l #	9
91) 1,2-Dichlorobenzene	13.68	146	88	53.200 ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	14.60	75	58	576.050 ug/l #	1
95) Naphthalene	15.18	128	73	34.029 ug/l #	69
96) 1,2,3-Trichlorobenzene	15.46	180	68	61.750 ug/l #	13

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101119\
Data File : VD063944.D
Acq On : 11 Oct 2019 18:33
Operator : VA/SY
Sample : K5325-10
Misc : 5.78G/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
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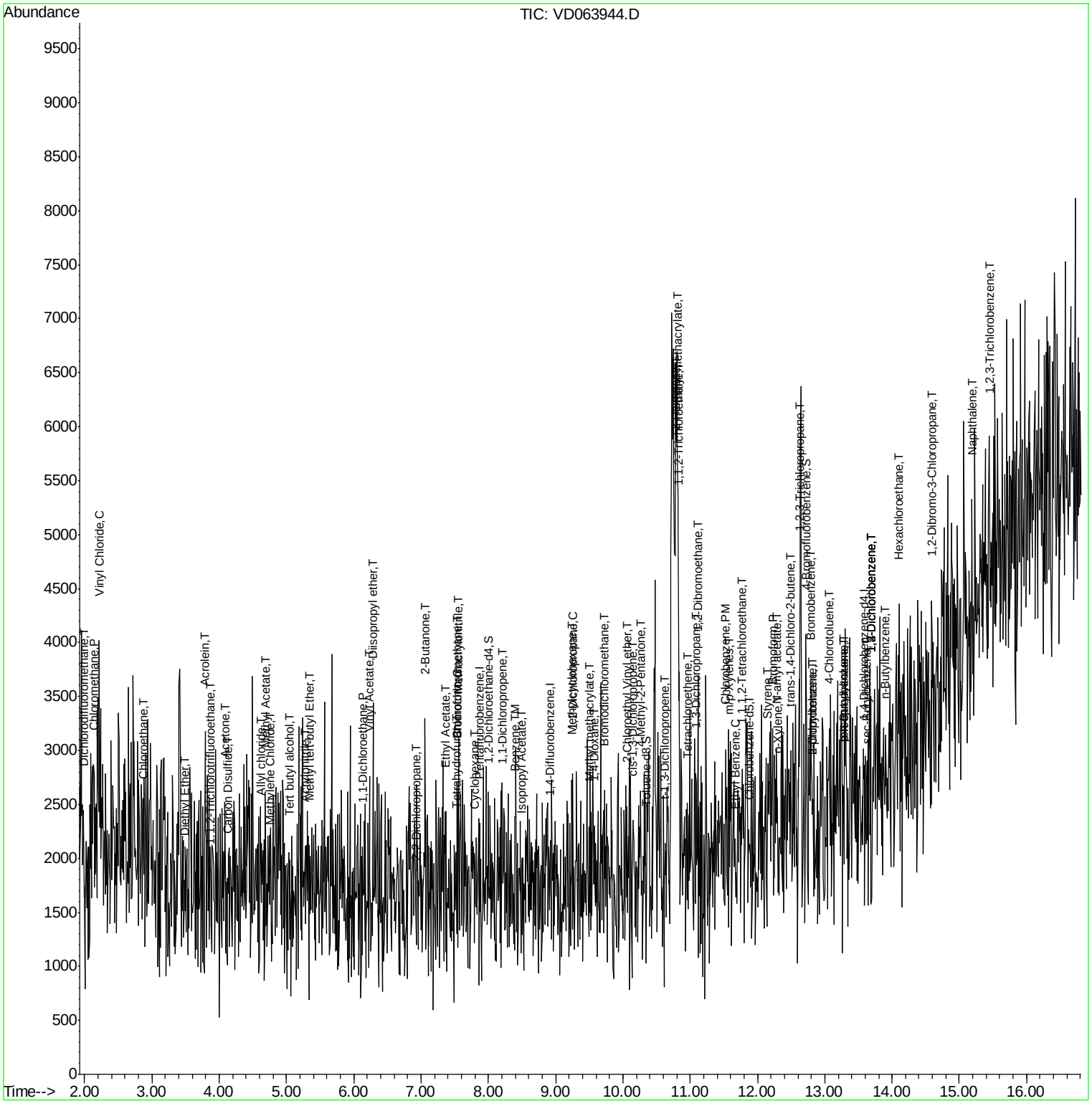
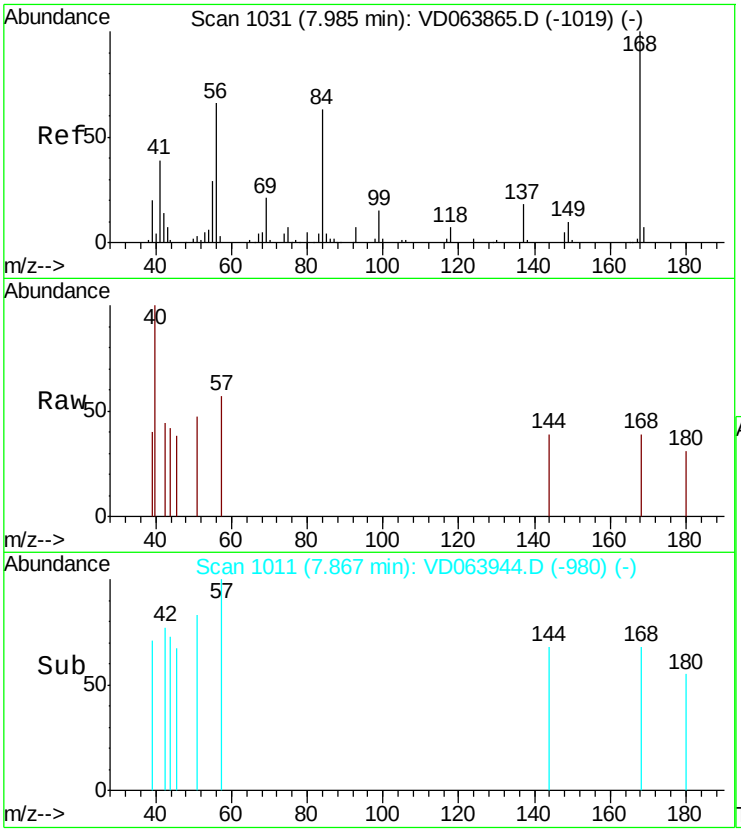
Quant Time: Oct 12 01:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration



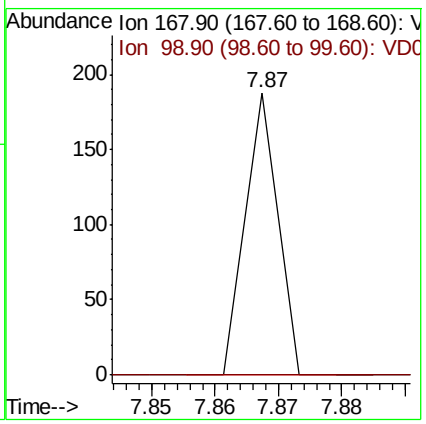


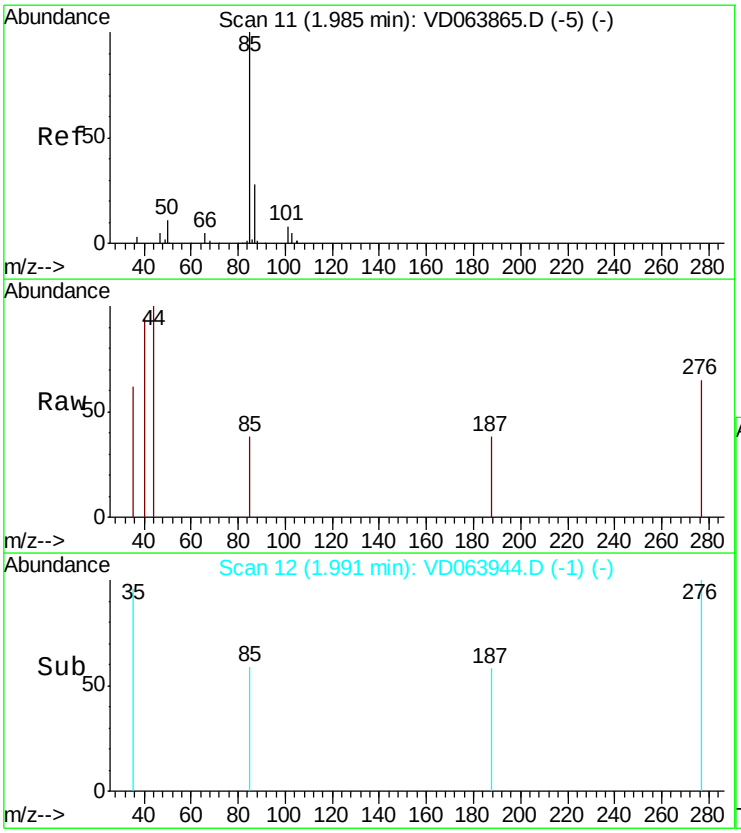
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.87 min Scan# 1011
Delta R.T. -0.12 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:168 Resp: 66

Ion	Ratio	Lower	Upper
168	100		
99	0.0	43.0	64.4#

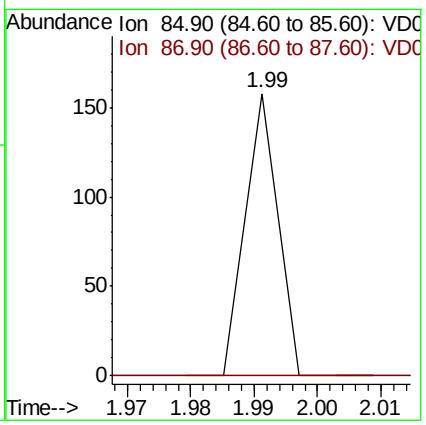


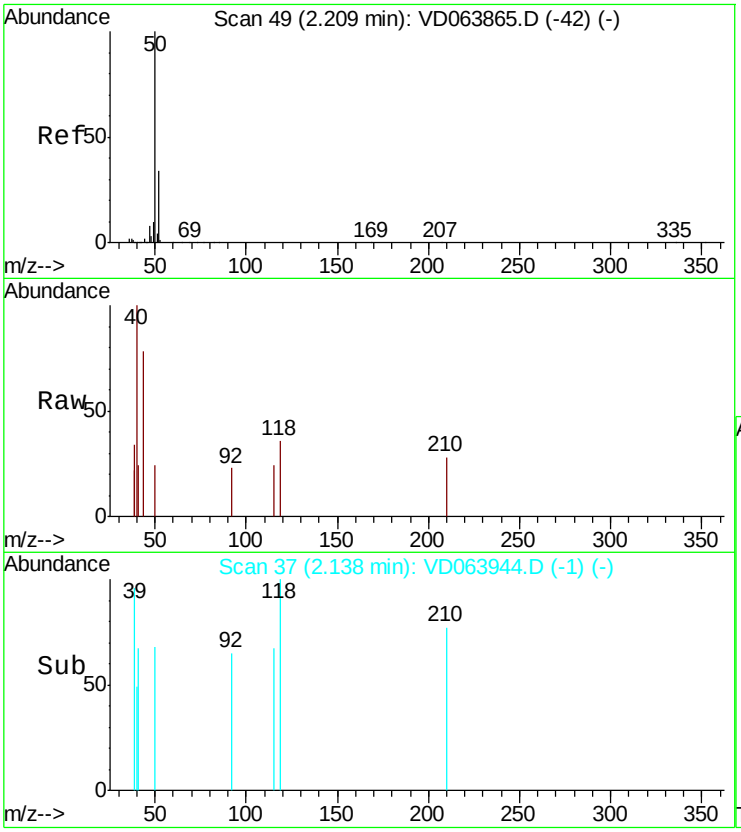


#2
Dichlorodifluoromethane
Concen: 119.644 ug/l
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 85 Resp: 56

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.0	42.0#



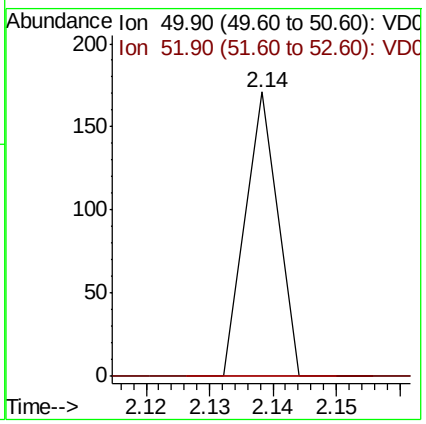


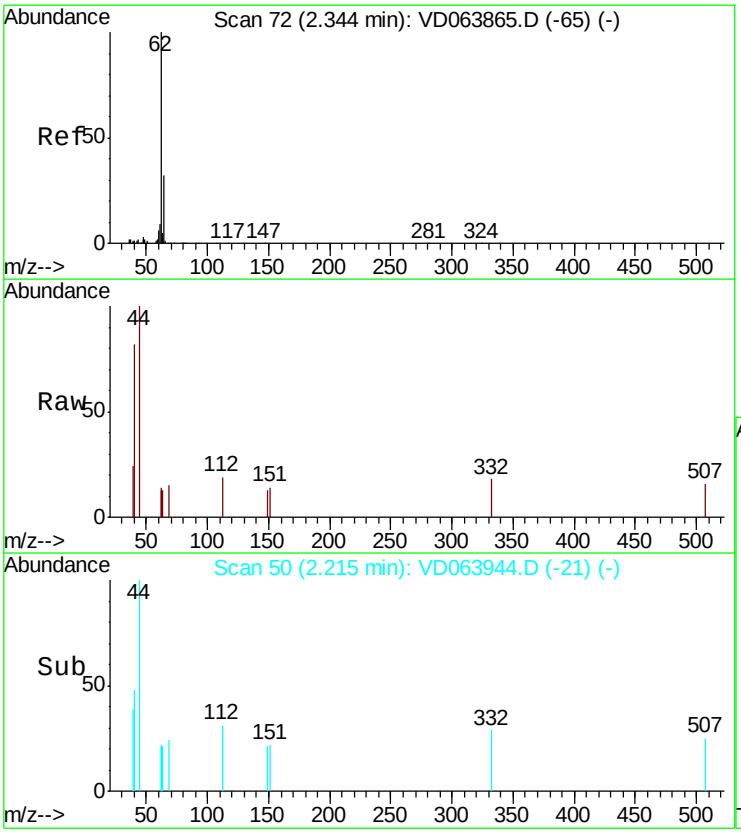
#3
Chloromethane
Concen: 47.212 ug/l
RT: 2.14 min Scan# 37
Delta R.T. -0.07 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 50 Resp: 60

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.5	41.3#

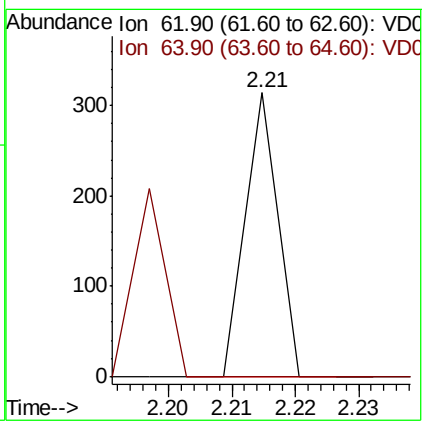


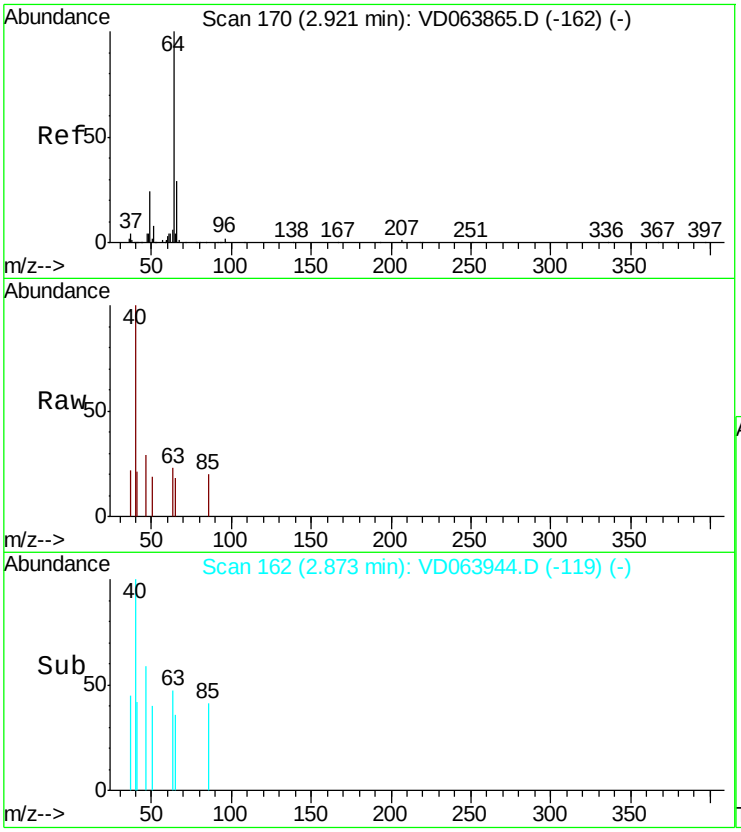


#4
Vinyl Chloride
Concen: 73.375 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.13 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 62 Resp: 111

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.4	38.0#



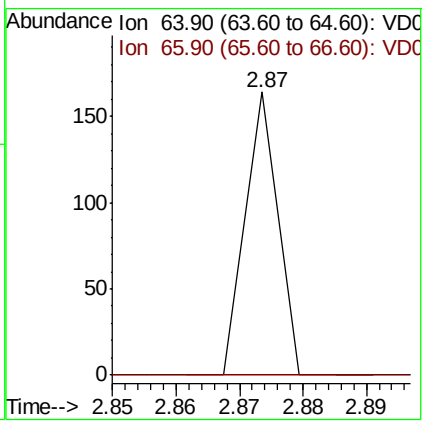


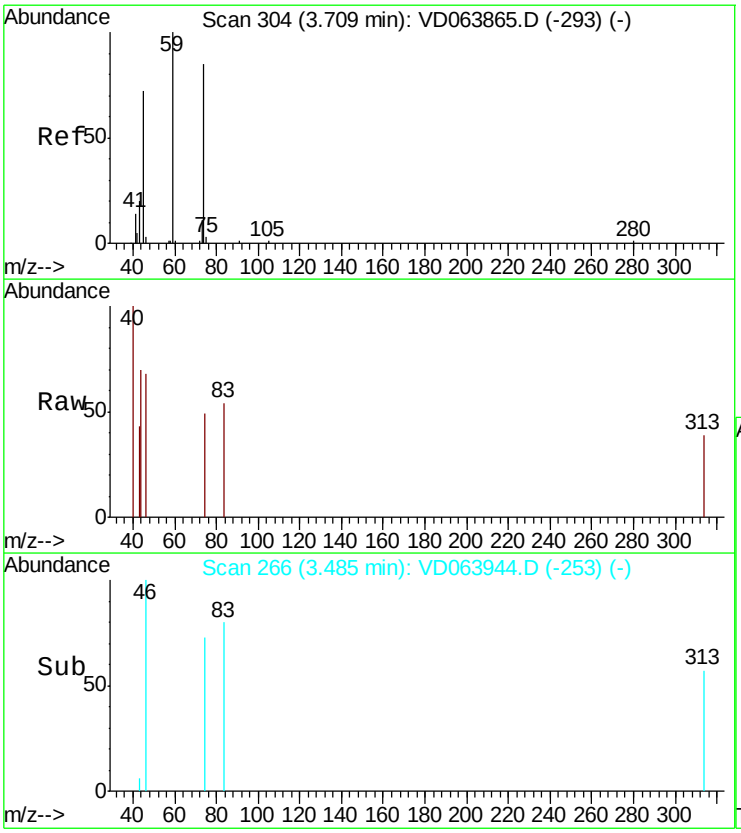
#6
Chloroethane
Concen: 57.974 ug/l
RT: 2.87 min Scan# 162
Delta R.T. -0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 64 Resp: 58

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.0	34.4#

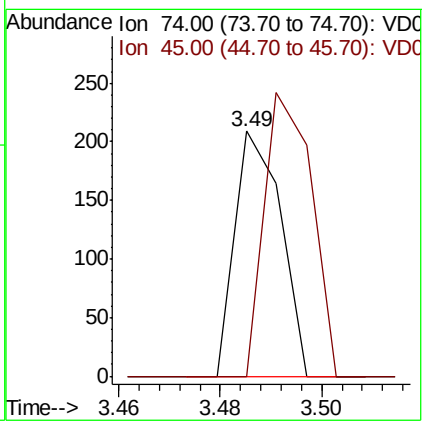


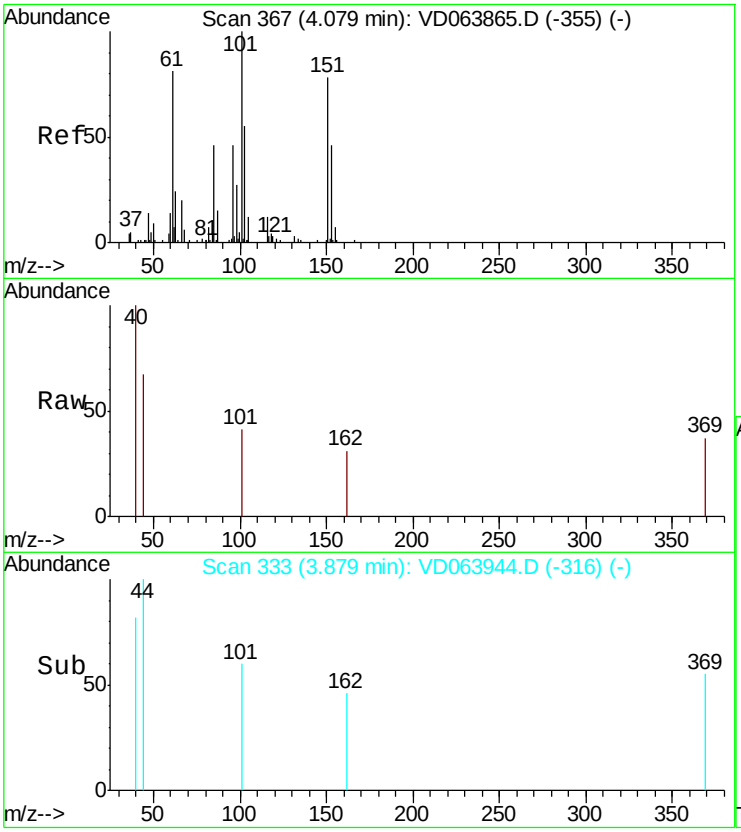


#8
Diethyl Ether
Concen: 411.175 ug/l
RT: 3.49 min Scan# 266
Delta R.T. -0.22 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 74 Resp: 132

Ion	Ratio	Lower	Upper
74	100		
45	117.4	48.1	144.4



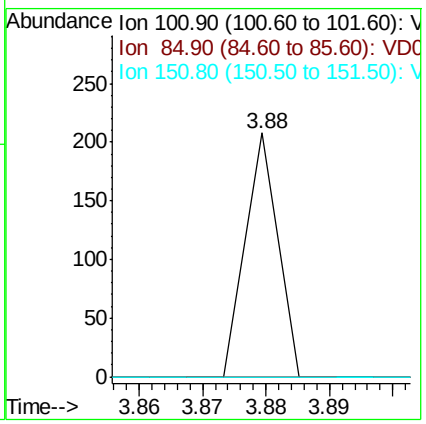


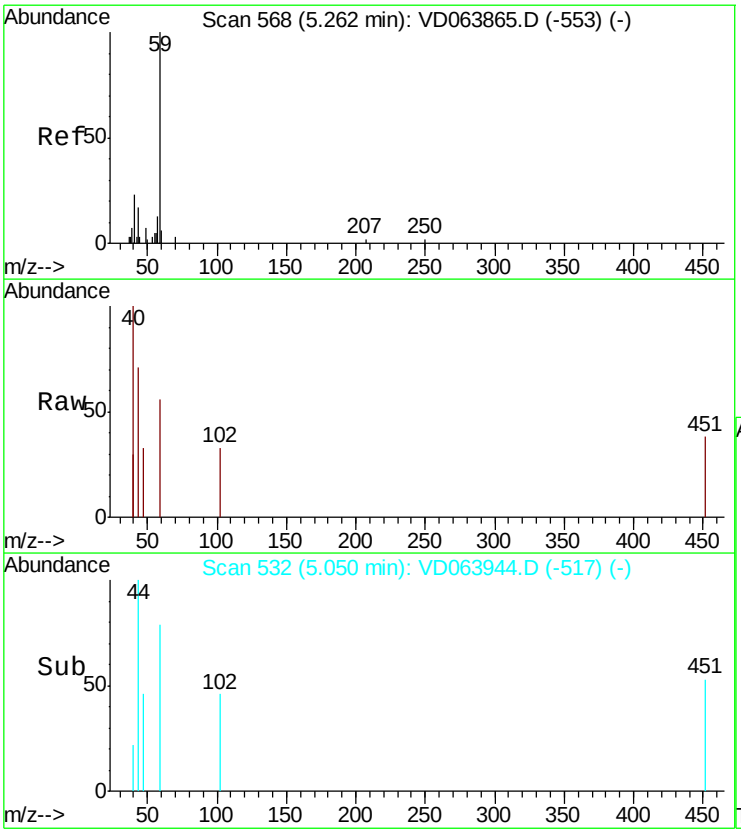
#9
1,1,2-Trichlorotrifluoroethane
Concen: 131.854 ug/l
RT: 3.88 min Scan# 333
Delta R.T. -0.20 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:101 Resp: 73

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

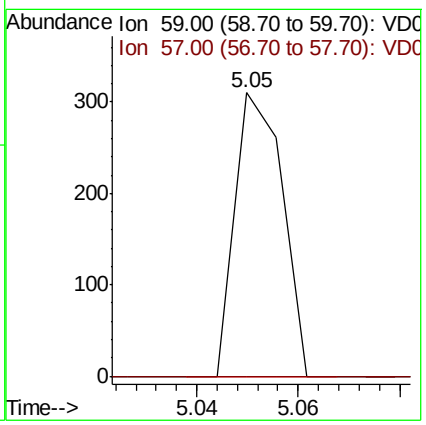


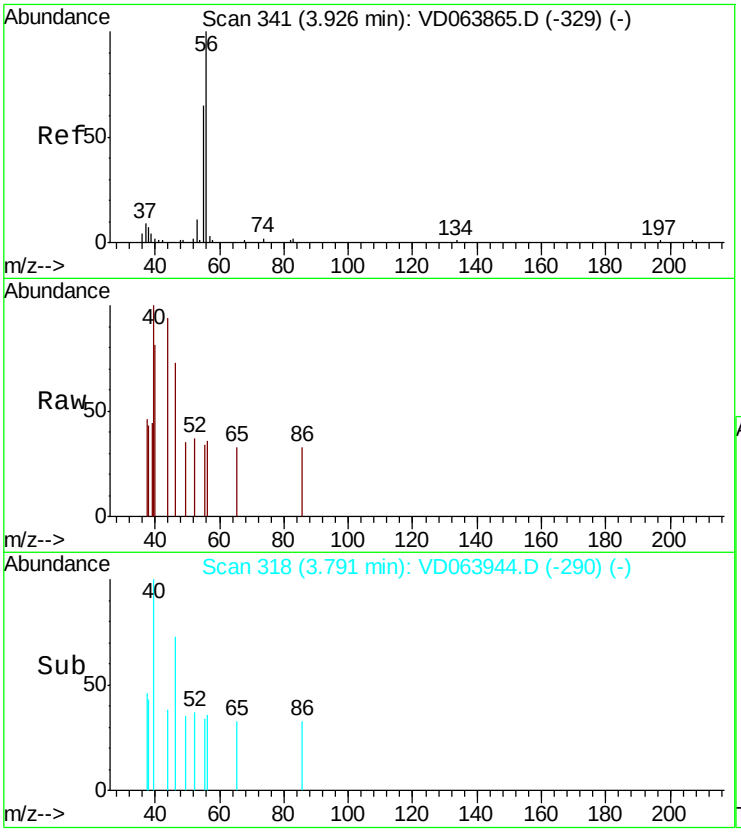


#11
Tert butyl alcohol
Concen: 4666.784 ug/l
RT: 5.05 min Scan# 532
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 59 Resp: 202

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



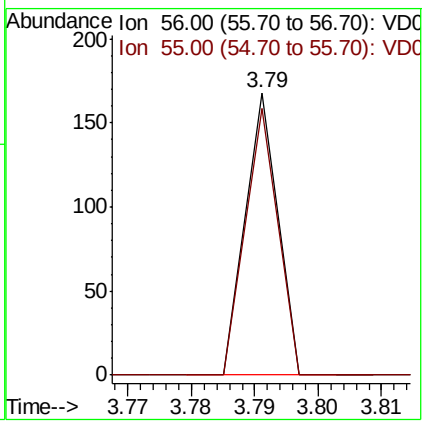


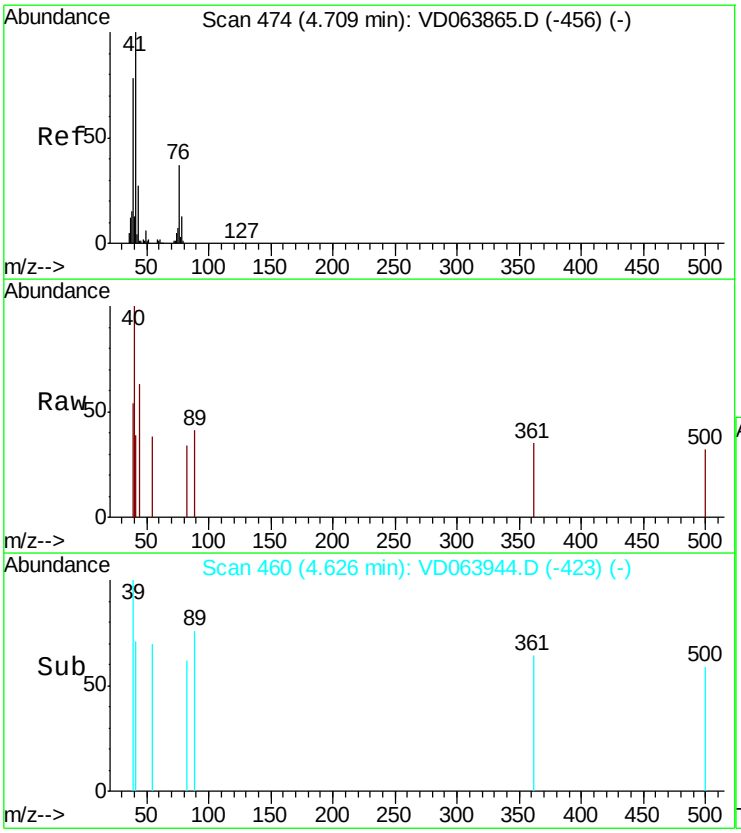
#13
Acrolein
Concen: 1028.062 ug/l
RT: 3.79 min Scan# 318
Delta R.T. -0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	94.9	53.0	79.6#

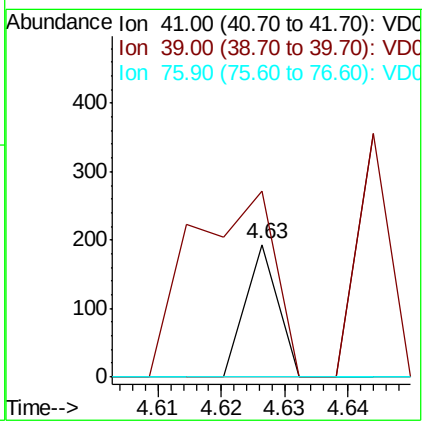


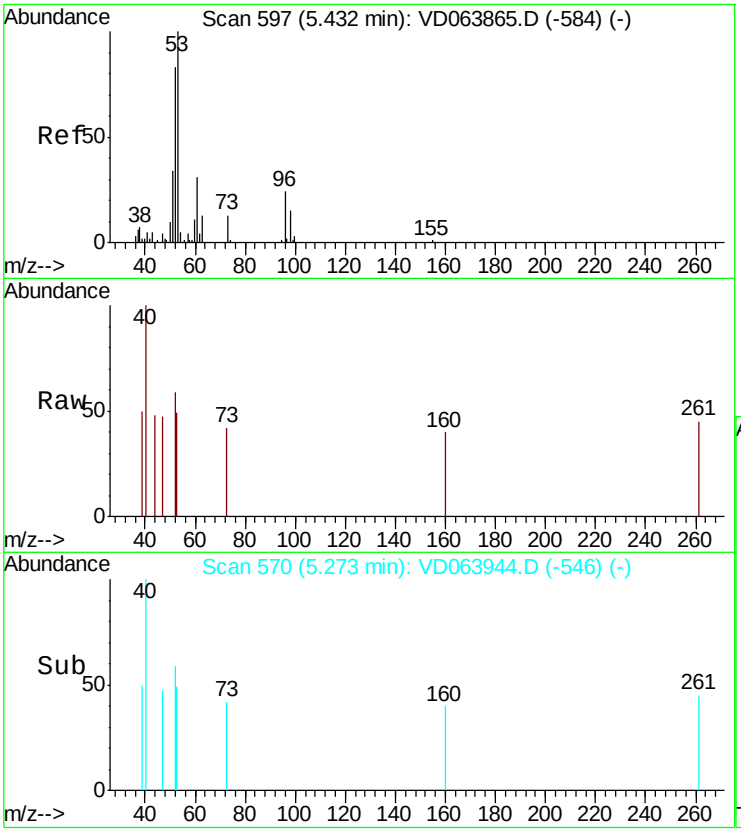


#14
Allyl chloride
Concen: 73.943 ug/l
RT: 4.63 min Scan# 460
Delta R.T. -0.08 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 41 Resp: 68

Ion	Ratio	Lower	Upper
41	100		
39	361.8	61.8	92.6#
76	0.0	31.3	46.9#



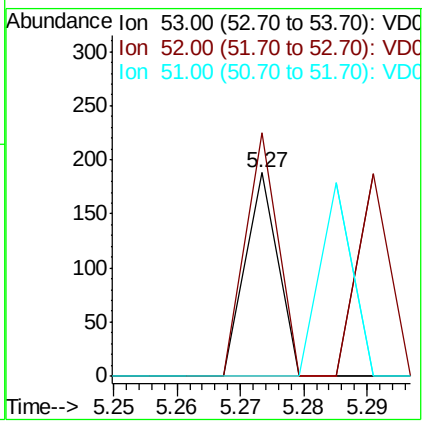


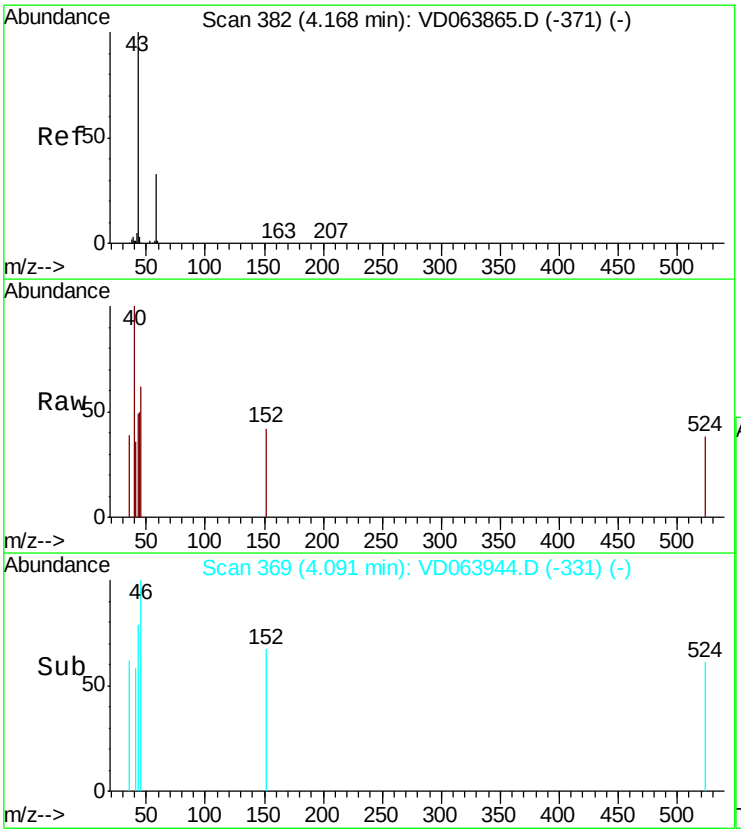
#15
Acrylonitrile
Concen: 466.308 ug/l
RT: 5.27 min Scan# 570
Delta R.T. -0.16 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 53 Resp: 66

Ion	Ratio	Lower	Upper
53	100		
52	119.7	67.3	100.9#
51	0.0	30.5	45.7#

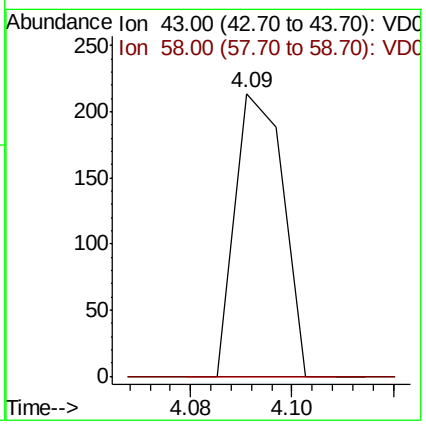


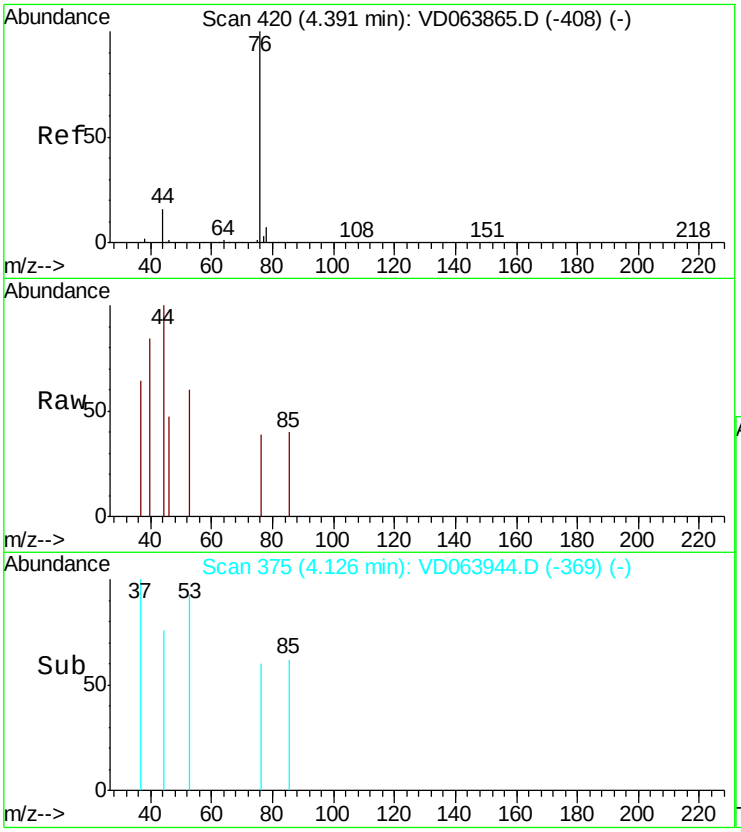


#16
Acetone
Concen: 848.809 ug/l
RT: 4.09 min Scan# 369
Delta R.T. -0.08 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 142

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	39.4#



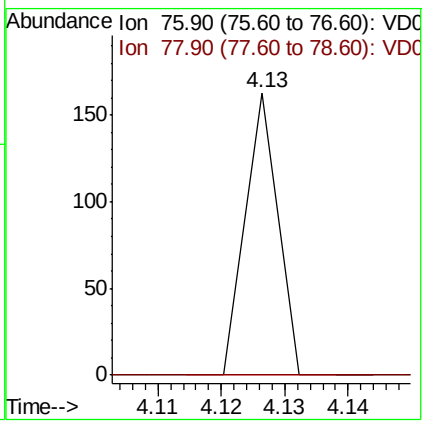


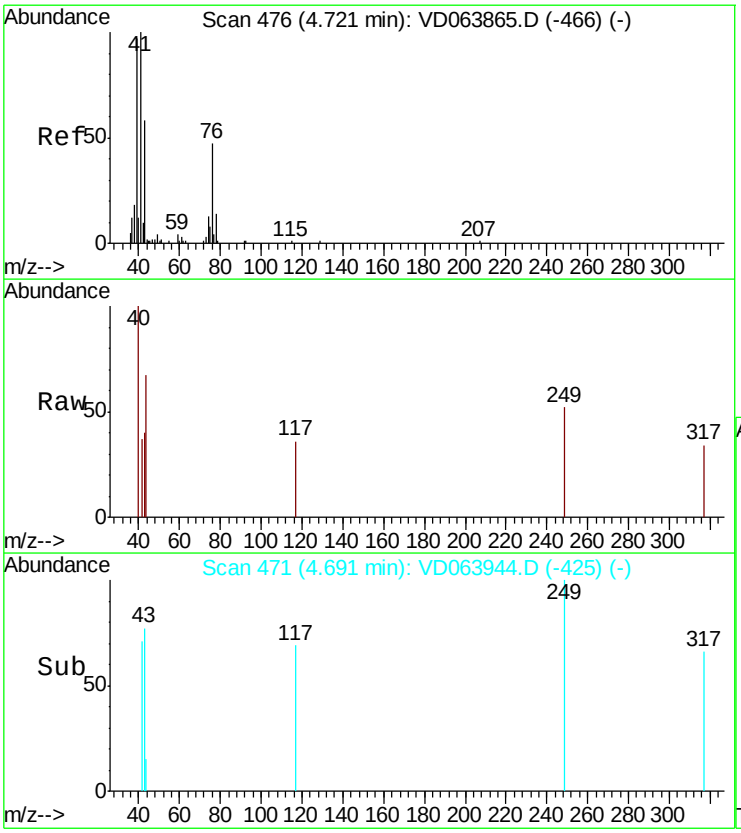
#17
Carbon Disulfide
Concen: 28.846 ug/l
RT: 4.13 min Scan# 375
Delta R.T. -0.26 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 76 Resp: 58

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.8	8.8#

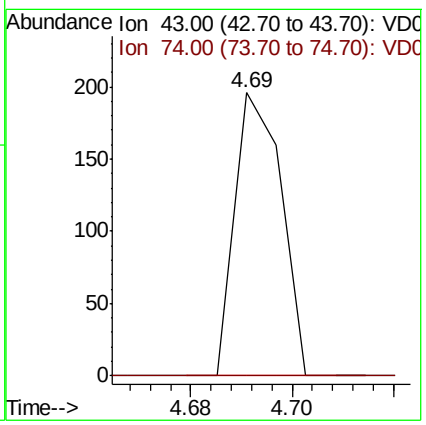


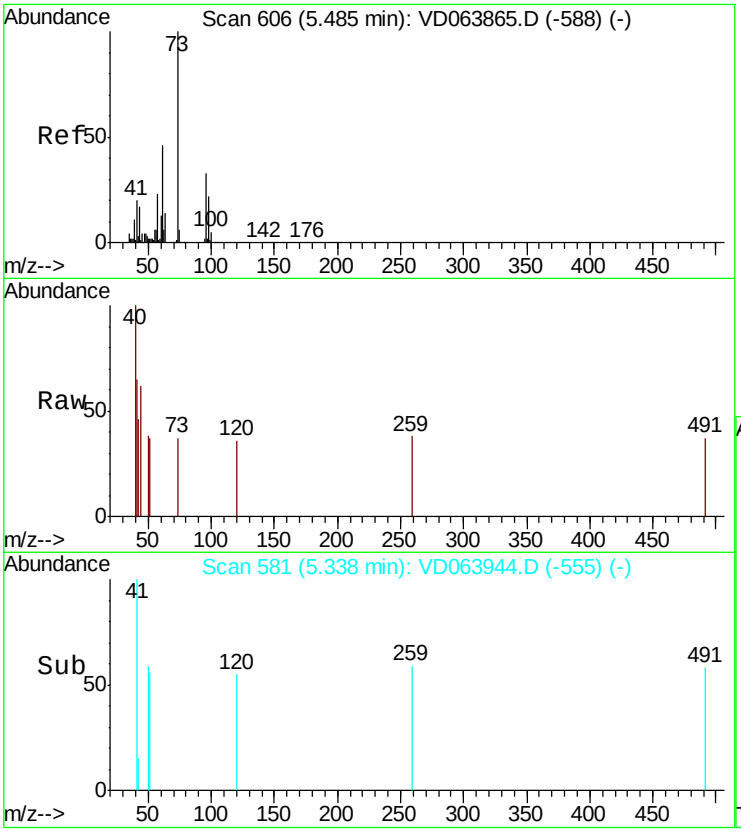


#18
Methyl Acetate
Concen: 385.078 ug/l
RT: 4.69 min Scan# 471
Delta R.T. -0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 126

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#



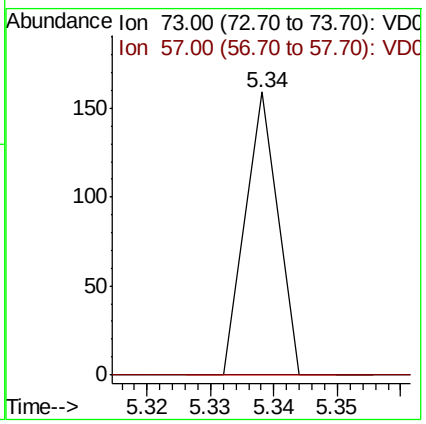


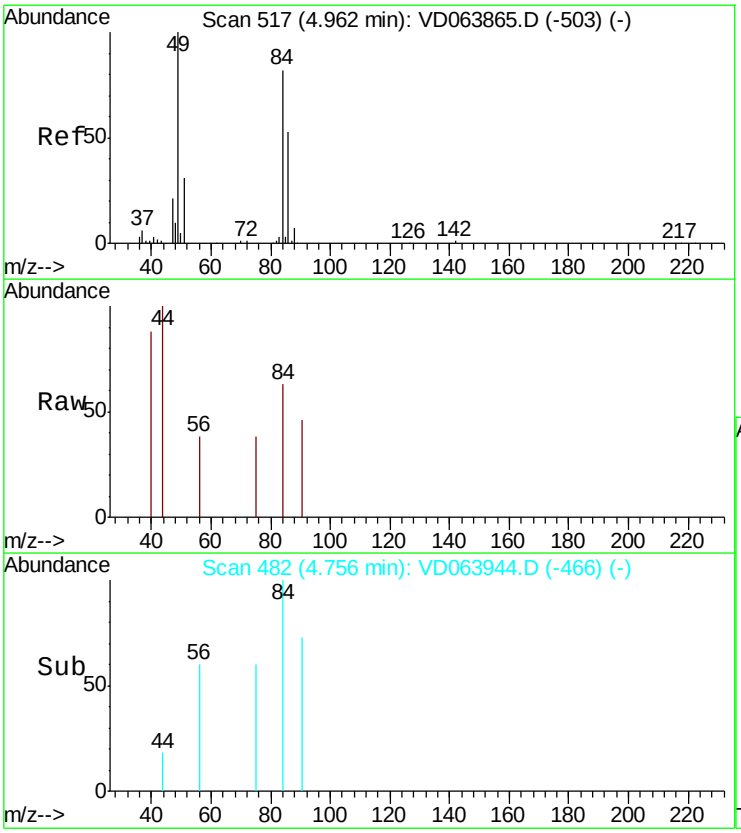
#19
Methyl tert-butyl Ether
Concen: 39.097 ug/l
RT: 5.34 min Scan# 581
Delta R.T. -0.15 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 73 Resp: 56

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.1	27.1#

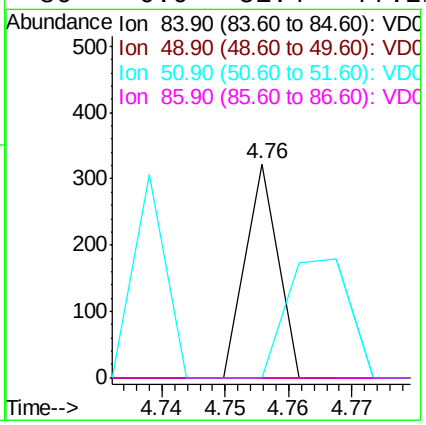


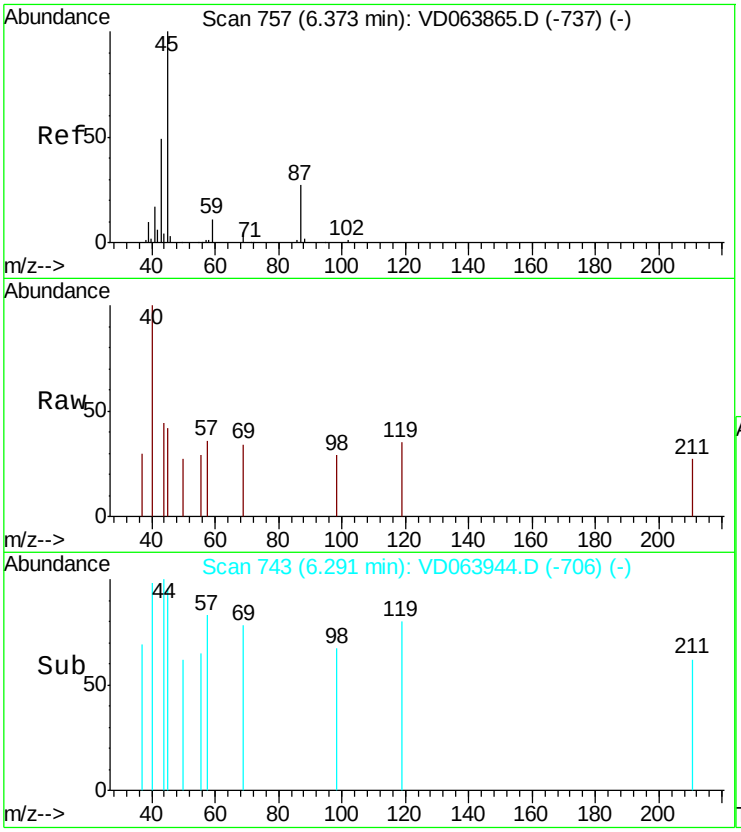


#20
Methylene Chloride
Concen: 160.211 ug/l
RT: 4.76 min Scan# 482
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 84 Resp: 114

Ion	Ratio	Lower	Upper
84	100		
49	0.0	97.3	145.9#
51	0.0	30.1	45.1#
86	0.0	51.4	77.2#



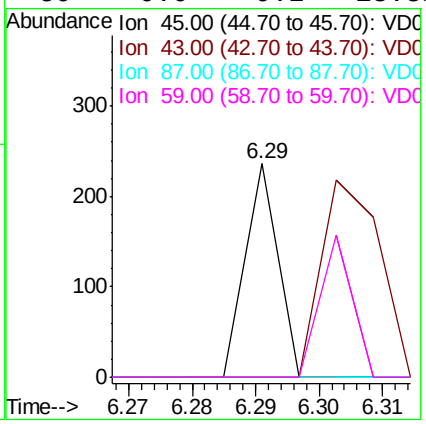


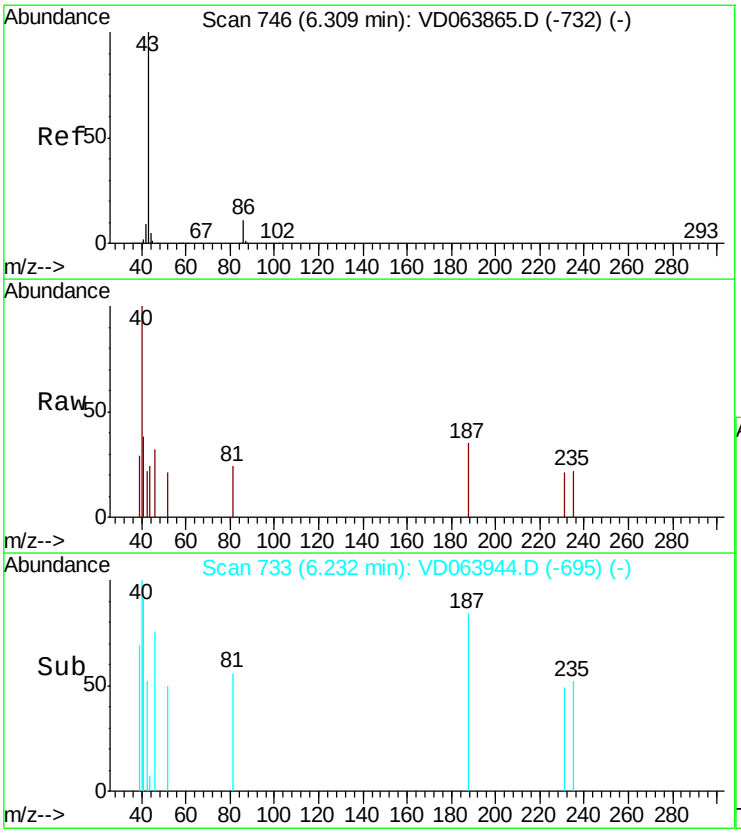
#22
Diisopropyl ether
Concen: 44.192 ug/l
RT: 6.29 min Scan# 743
Delta R.T. -0.08 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 45 Resp: 83

Ion	Ratio	Lower	Upper
45	100		
43	0.0	41.2	61.8#
87	0.0	22.2	33.4#
59	0.0	9.2	13.8#

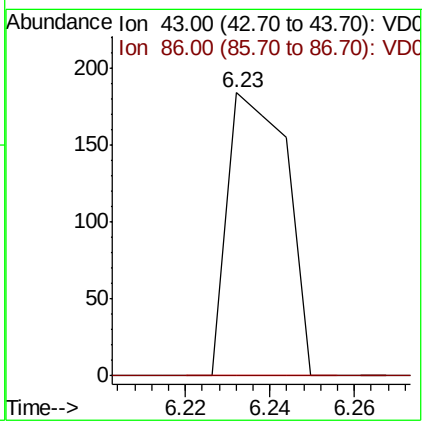


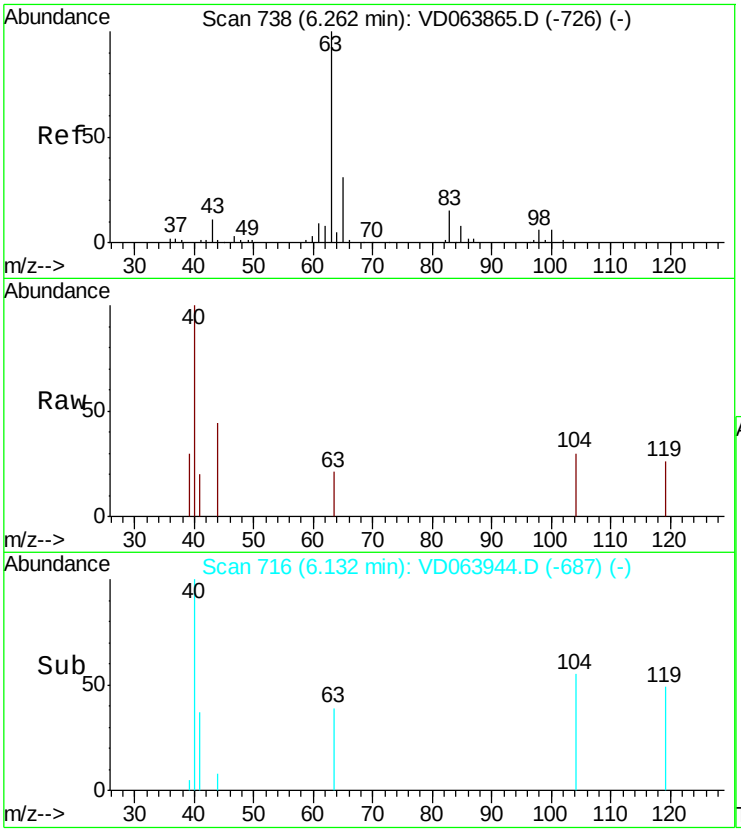


#23
Vinyl Acetate
Concen: 160.209 ug/l
RT: 6.23 min Scan# 733
Delta R.T. -0.08 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 179

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#



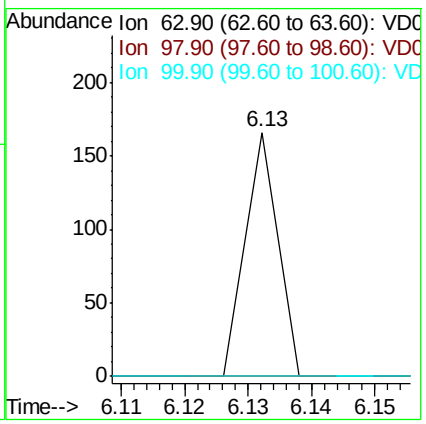


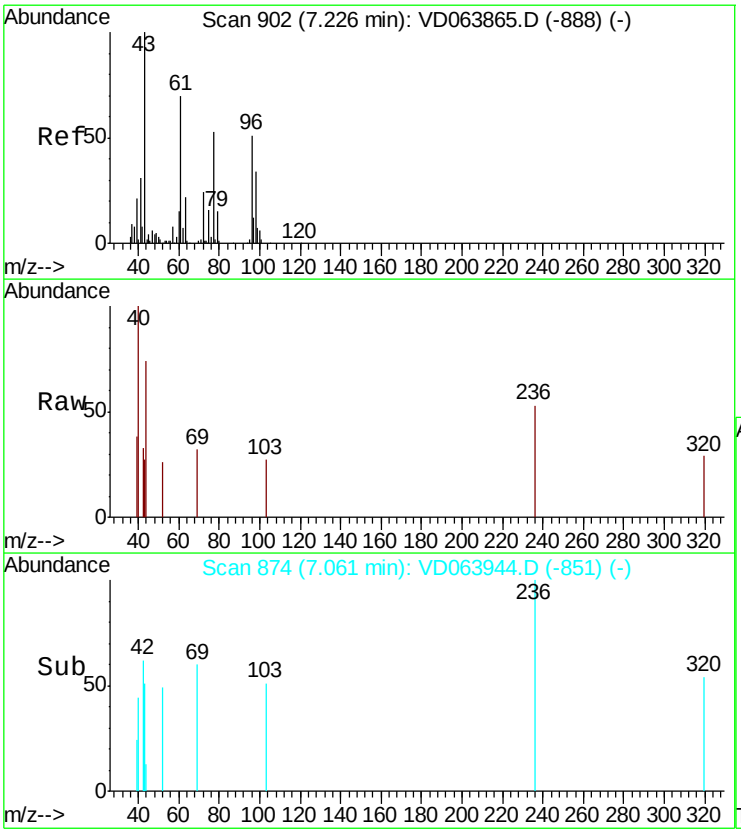
#24
1,1-Dichloroethane
Concen: 51.000 ug/l
RT: 6.13 min Scan# 716
Delta R.T. -0.13 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 63 Resp: 59

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.1	9.4#
100	0.0	3.0	9.2#

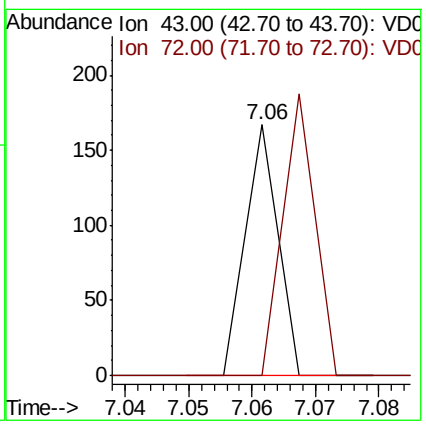


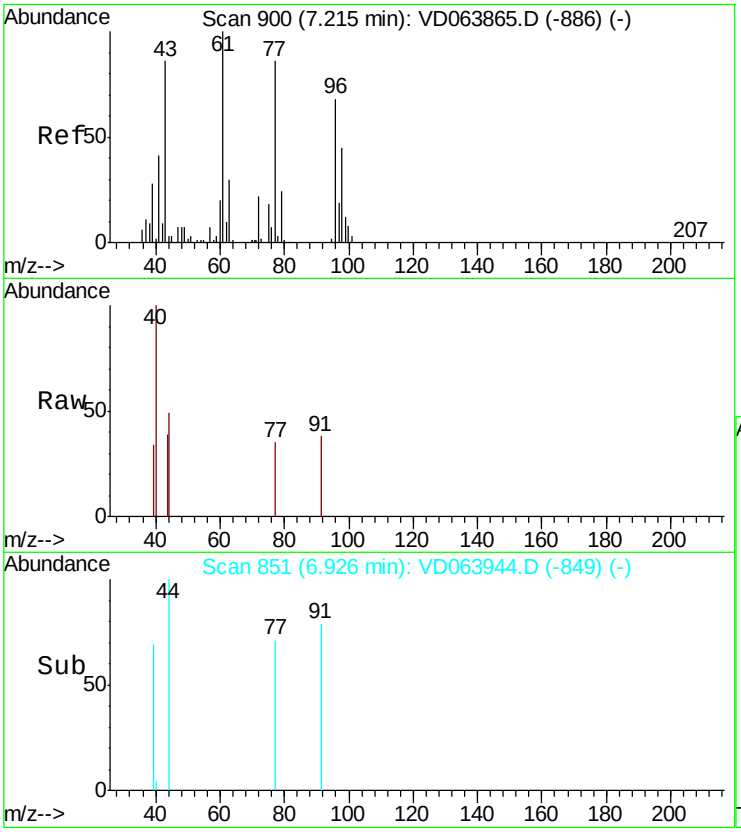


#25
2-Butanone
Concen: 297.588 ug/l
RT: 7.06 min Scan# 874
Delta R.T. -0.16 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



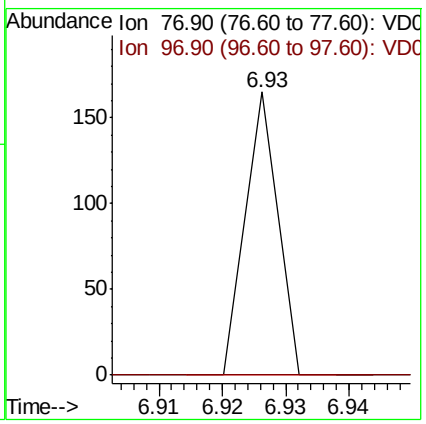


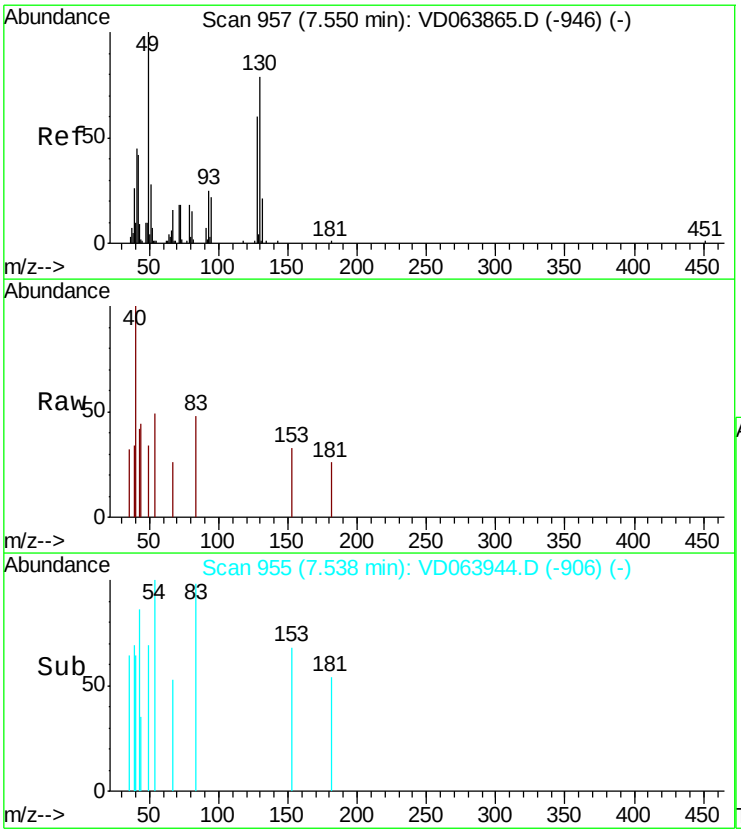
#26
2,2-Dichloropropane
Concen: 55.423 ug/l
RT: 6.93 min Scan# 851
Delta R.T. -0.29 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 77 Resp: 58

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.1#

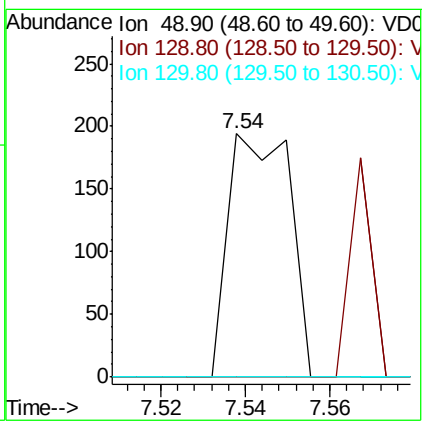


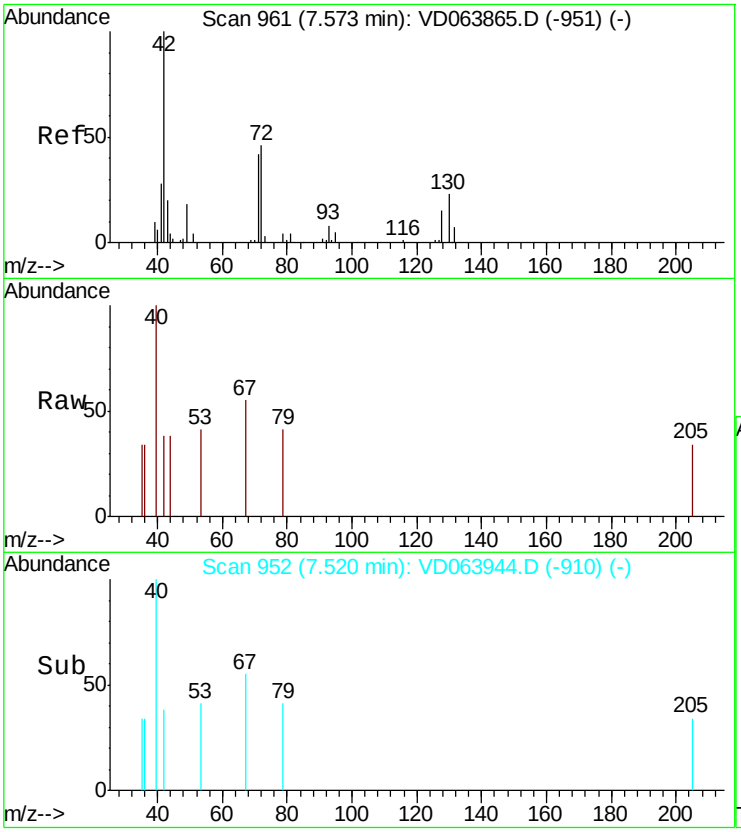


#28
Bromochloromethane
Concen: 430.879 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 49 Resp: 196

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



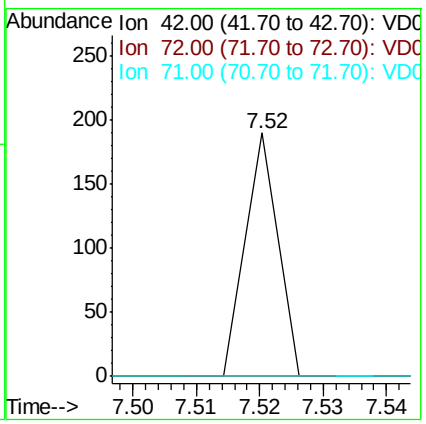


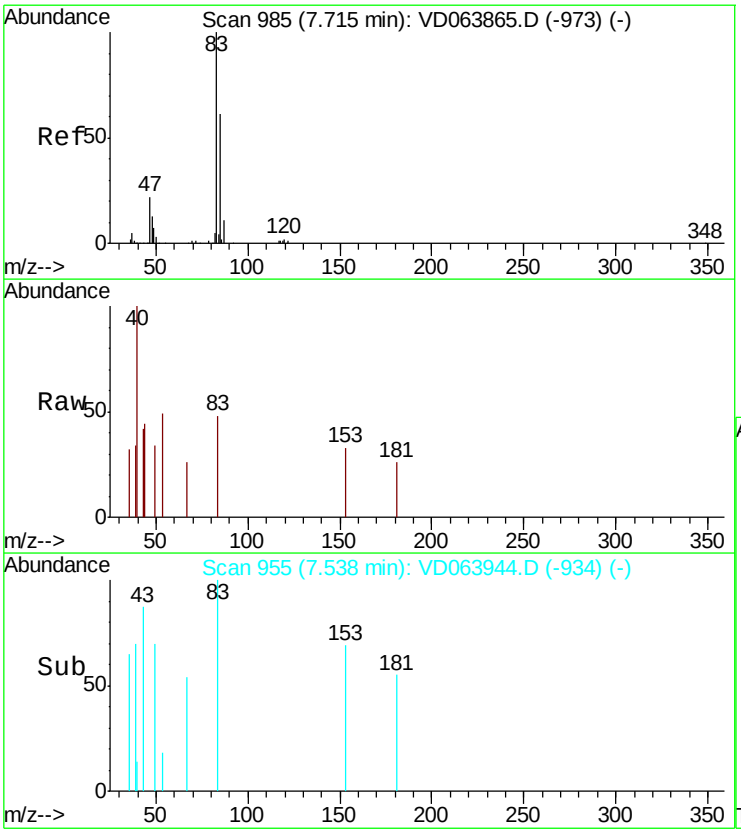
#29
Tetrahydrofuran
Concen: 578.979 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 42 Resp: 67

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	35.0	52.6#

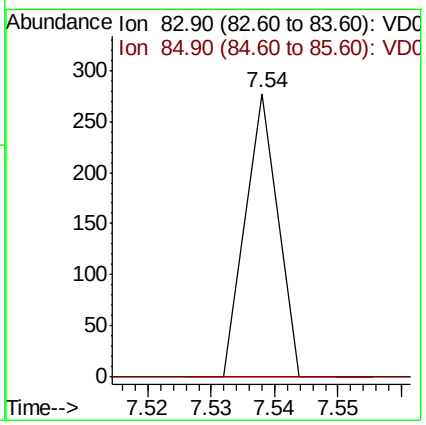


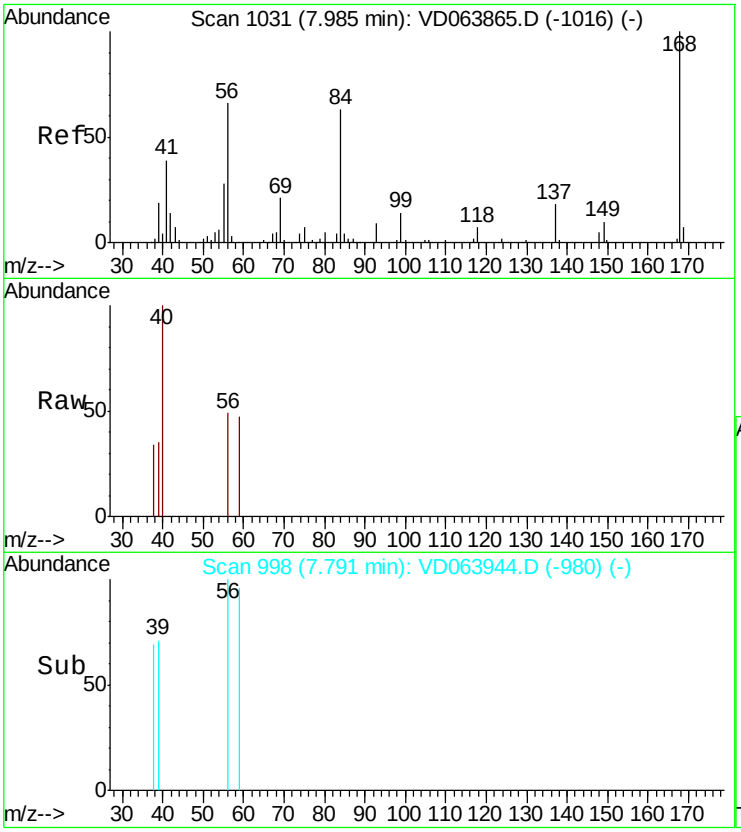


#30
Chloroform
Concen: 77.994 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.18 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 83 Resp: 98

Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.9	73.3#



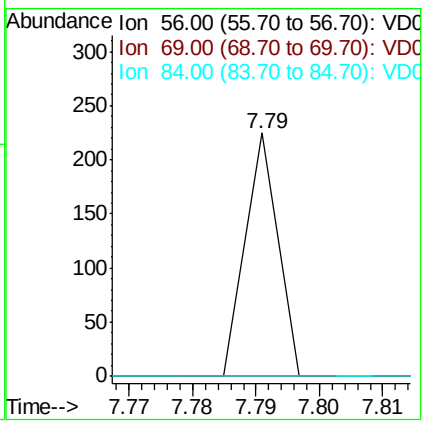


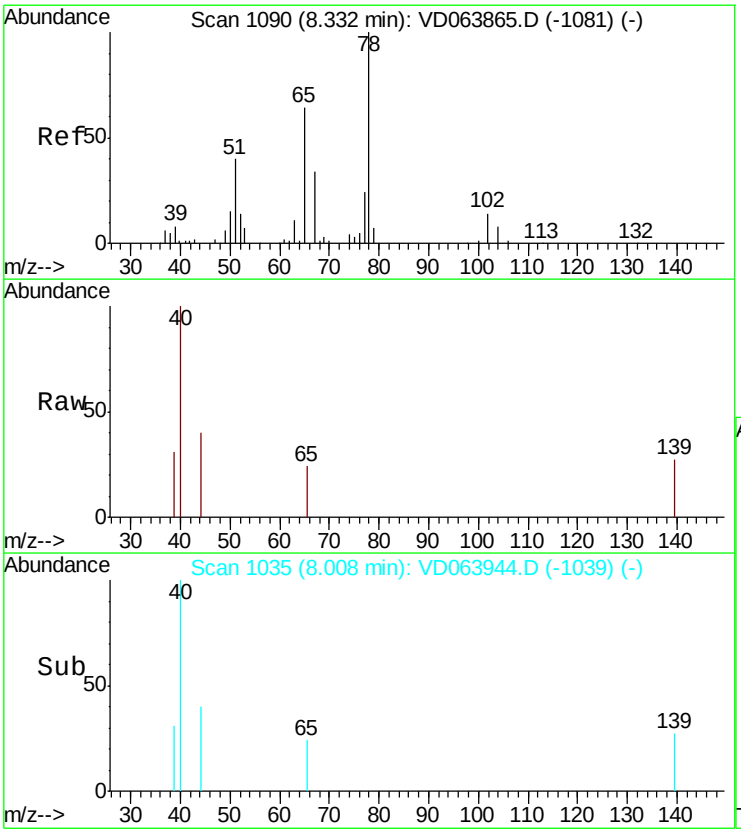
#31
Cyclohexane
Concen: 85.423 ug/l
RT: 7.79 min Scan# 998
Delta R.T. -0.19 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 56 Resp: 79

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.0	37.4#
84	0.0	76.3	114.5#

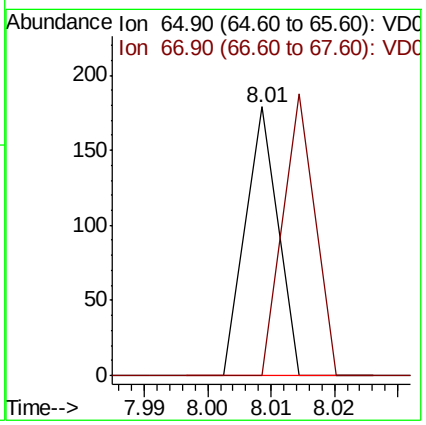


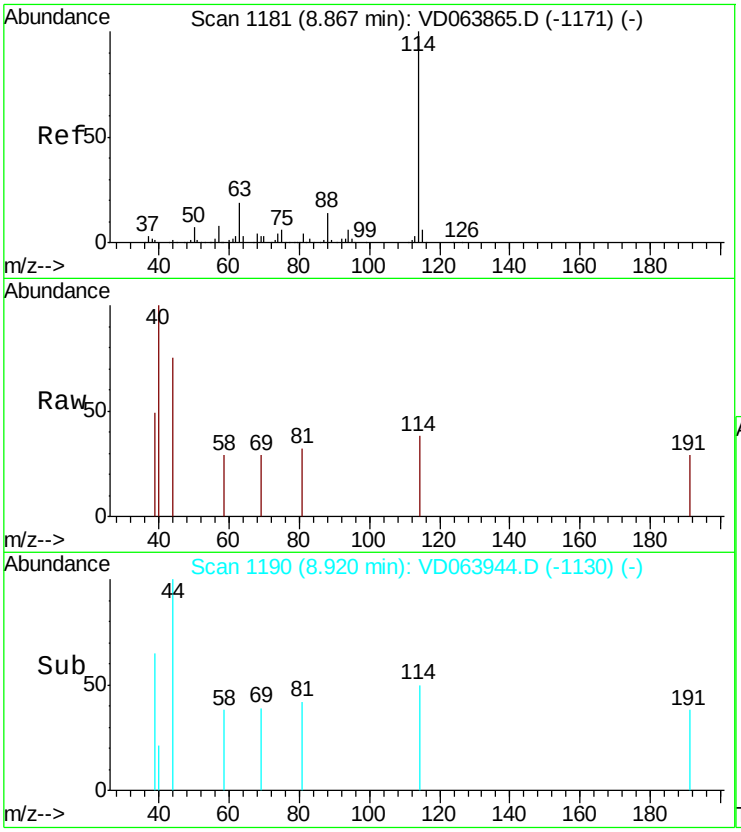


#33
1,2-Dichloroethane-d4
Concen: 98.045 ug/l
RT: 8.01 min Scan# 1035
Delta R.T. -0.32 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 65 Resp: 63

Ion	Ratio	Lower	Upper
65	100		
67	104.8	0.0	106.4



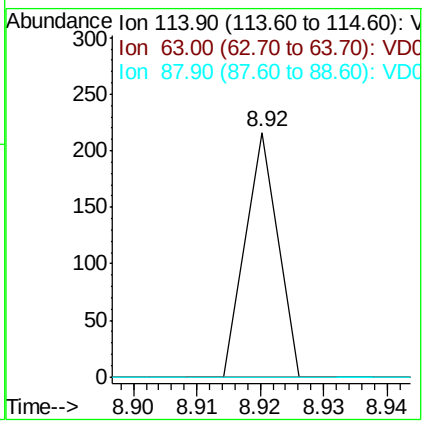


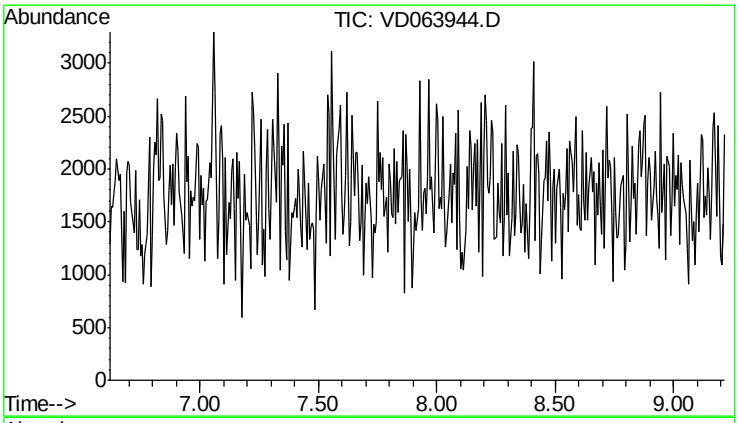
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.92 min Scan# 1190
Delta R.T. 0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:114 Resp: 76

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



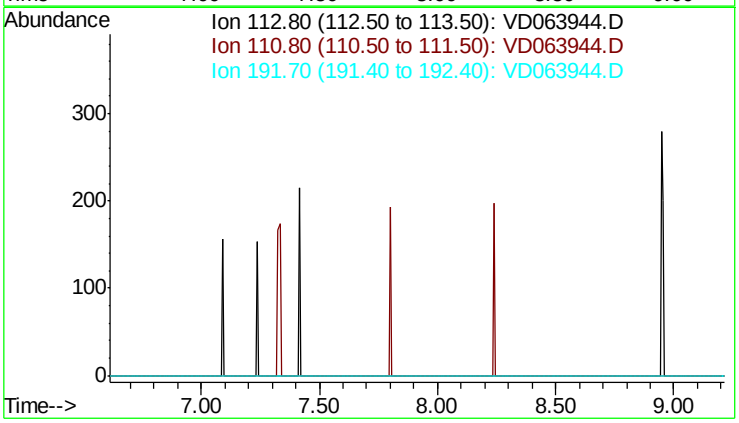


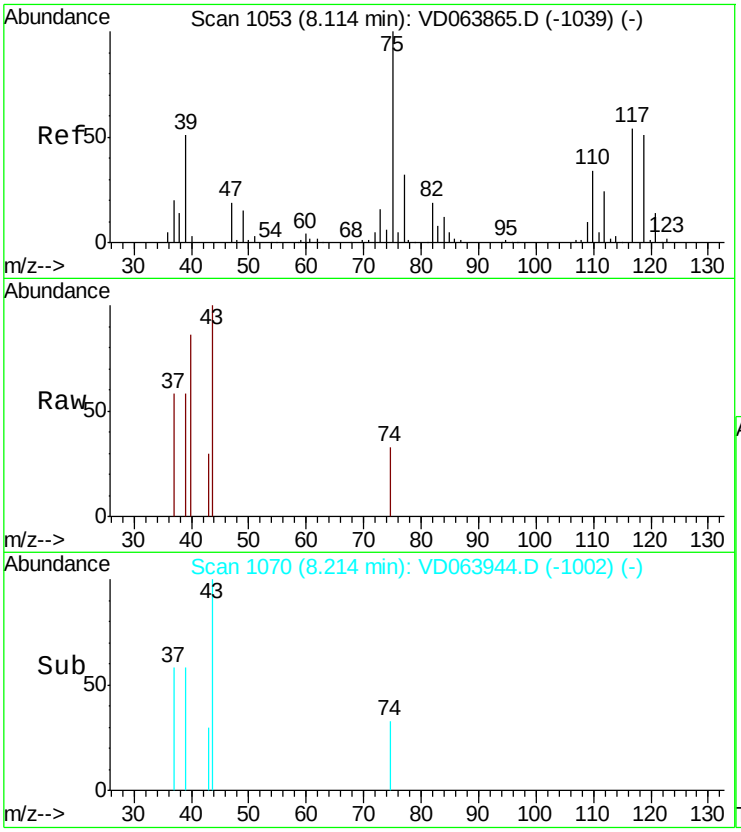
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.91 min

Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	103.2
192	21.4



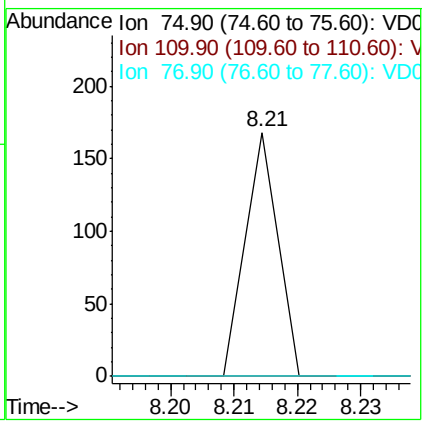


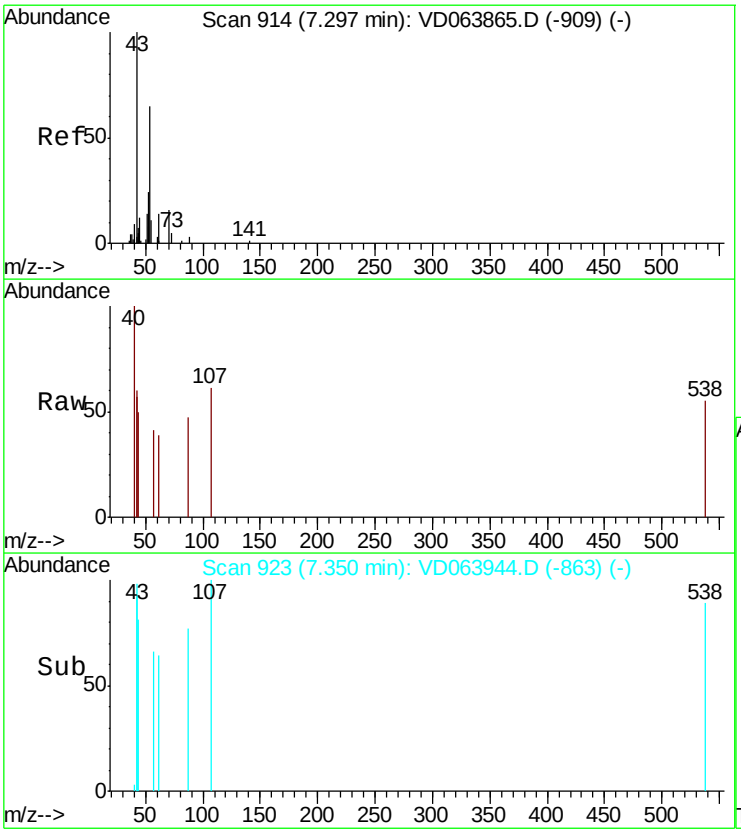
#36
1,1-Dichloropropene
Concen: 84.906 ug/l
RT: 8.21 min Scan# 1070
Delta R.T. 0.10 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 75 Resp: 59

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.3#
77	0.0	25.4	38.0#

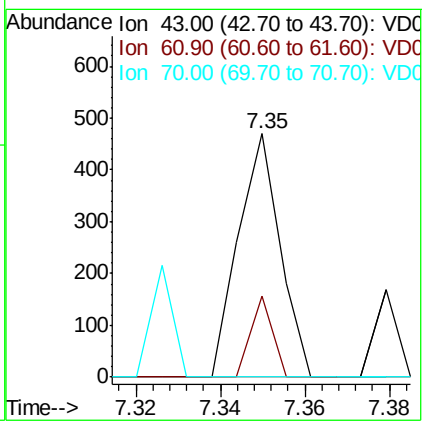


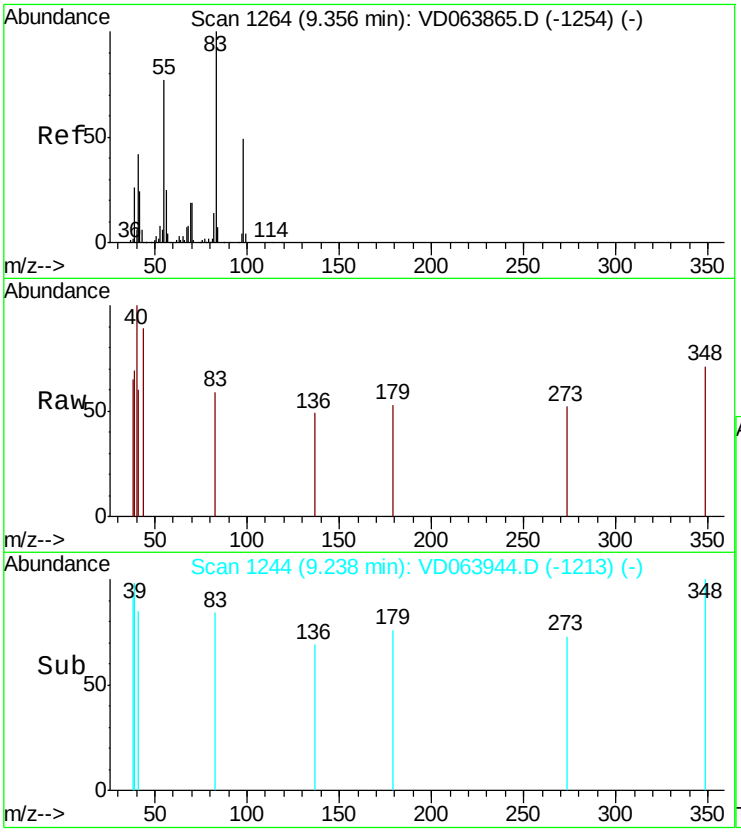


#37
Ethyl Acetate
Concen: 1251.449 ug/l
RT: 7.35 min Scan# 923
Delta R.T. 0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 322

Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.5	17.3
70	0.0	8.2	12.4#



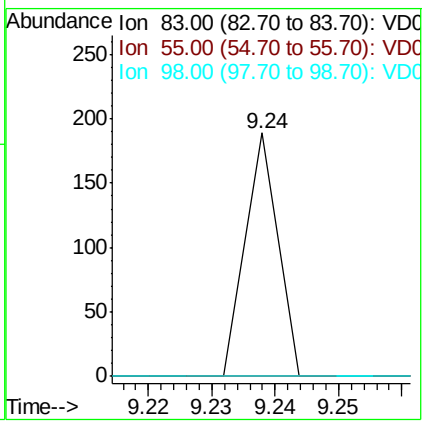


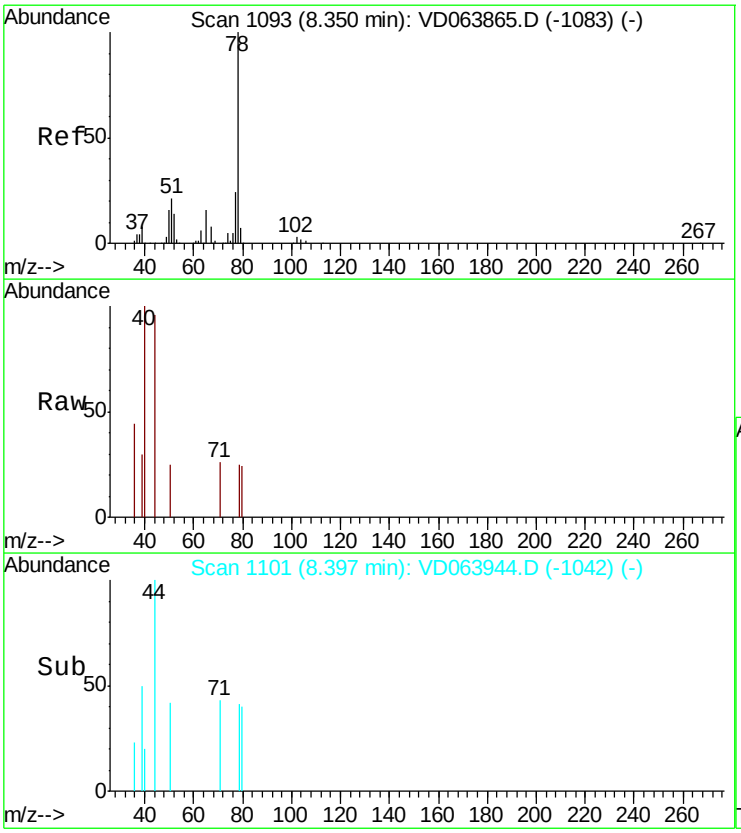
#39
Methylcyclohexane
Concen: 78.418 ug/l
RT: 9.24 min Scan# 1244
Delta R.T. -0.12 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.3	91.9#
98	0.0	39.3	58.9#

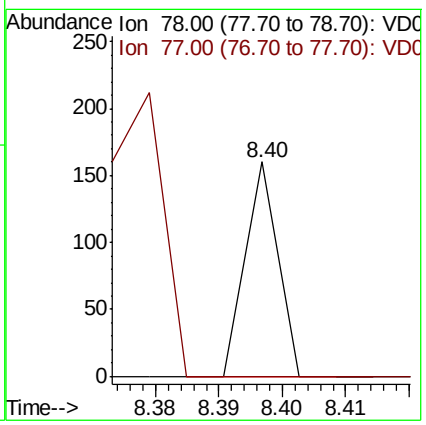


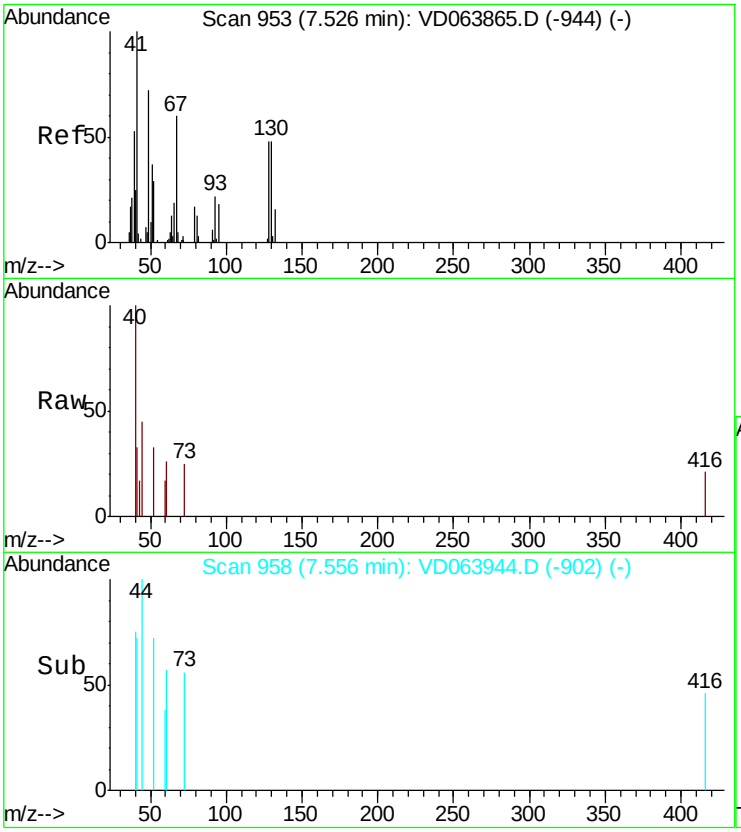


#40
Benzene
Concen: 28.122 ug/l
RT: 8.40 min Scan# 1101
Delta R.T. 0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 78 Resp: 56

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.0	28.6#



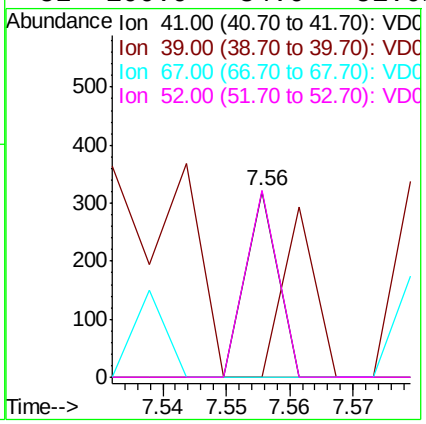


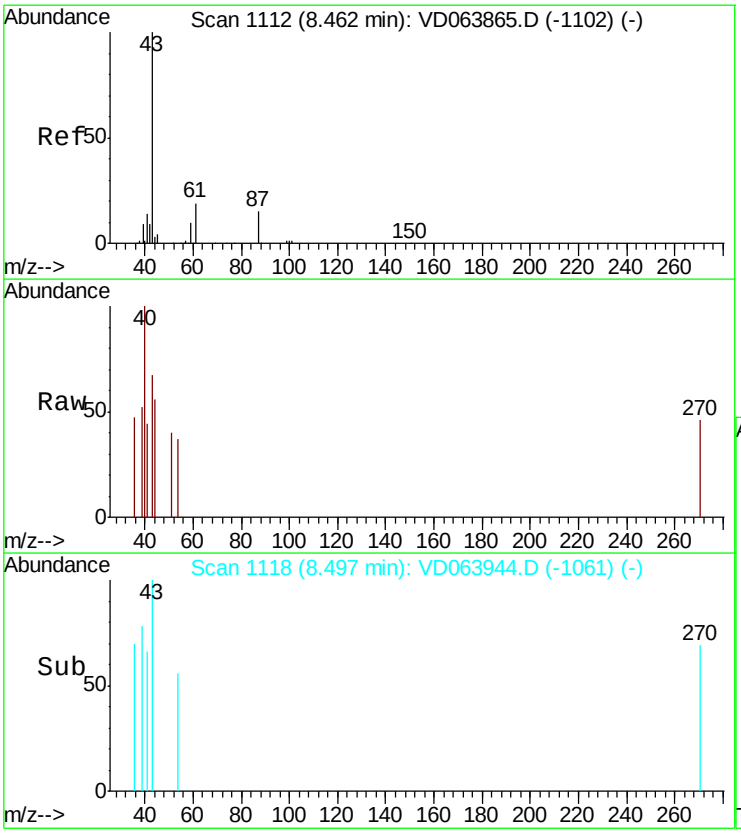
#41
Methacrylonitrile
Concen: 701.396 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 41 Resp: 113

Ion	Ratio	Lower	Upper
41	100		
39	91.2	52.6	78.8#
67	0.0	74.2	111.2#
52	100.9	34.0	51.0#

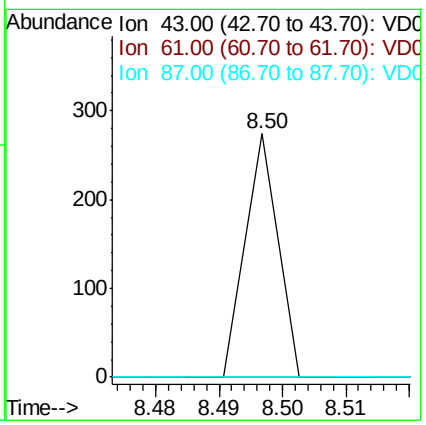


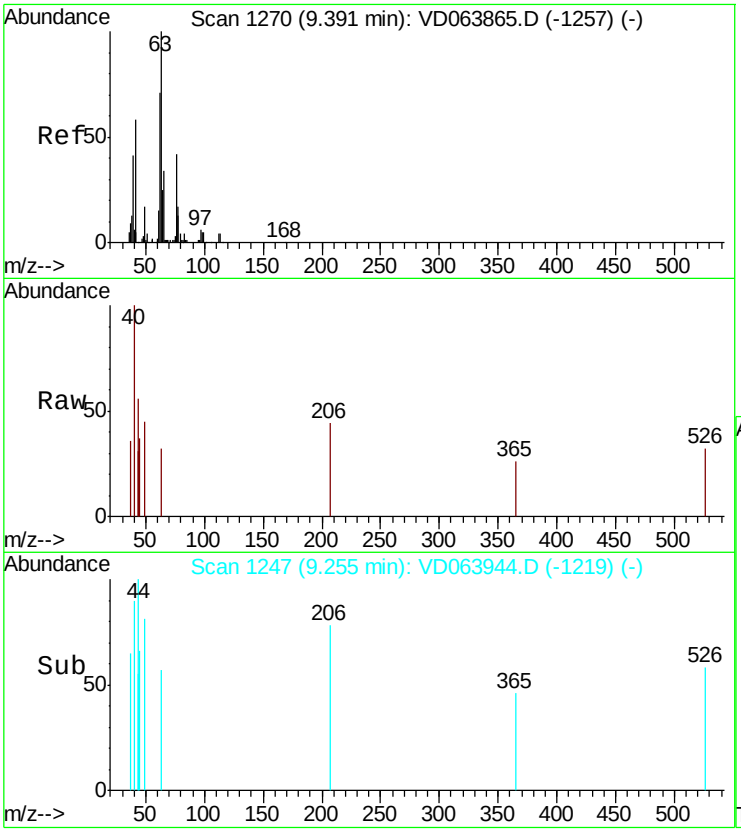


#43
Isopropyl Acetate
Concen: 166.450 ug/l
RT: 8.50 min Scan# 1118
Delta R.T. 0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 97

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.7	38.5#
87	0.0	11.6	17.4#



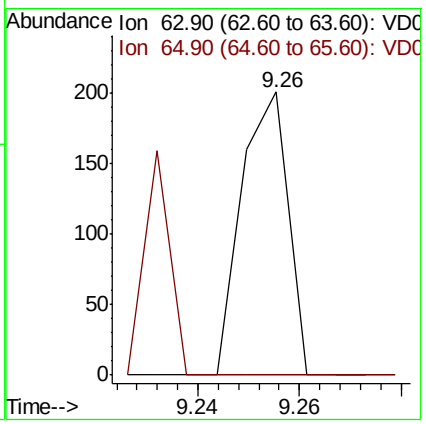


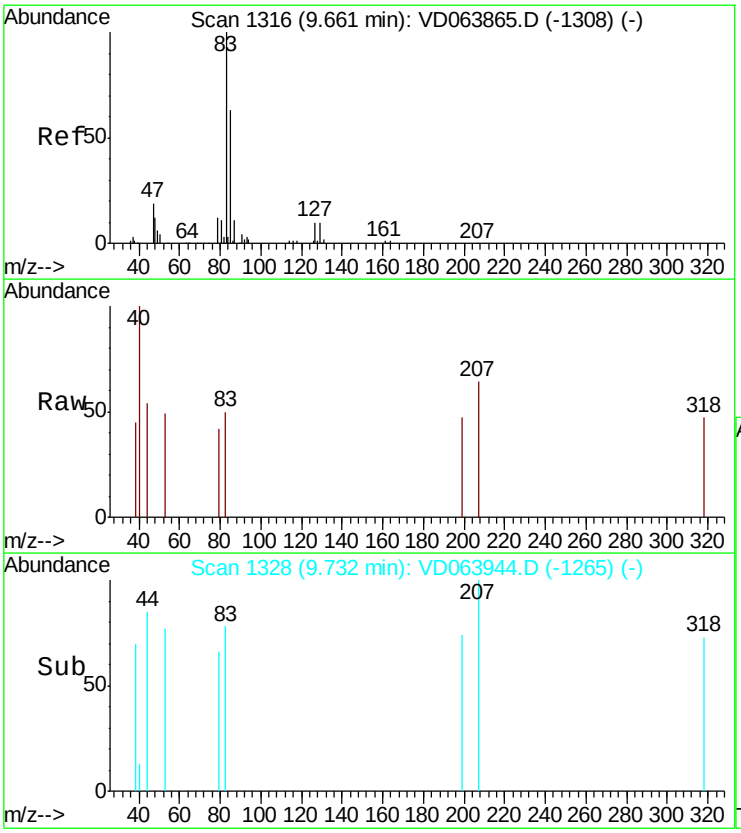
#45
1,2-Dichloropropane
Concen: 260.560 ug/l
RT: 9.26 min Scan# 1247
Delta R.T. -0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 63 Resp: 127

Ion	Ratio	Lower	Upper
63	100		
65	0.0	27.3	40.9#

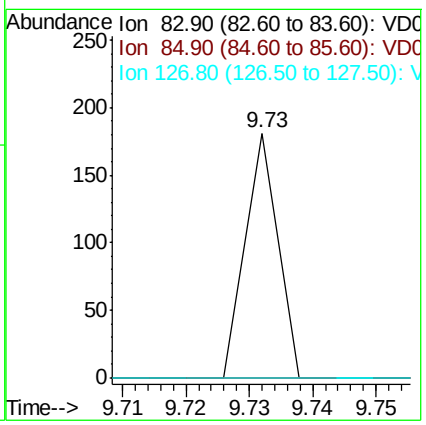


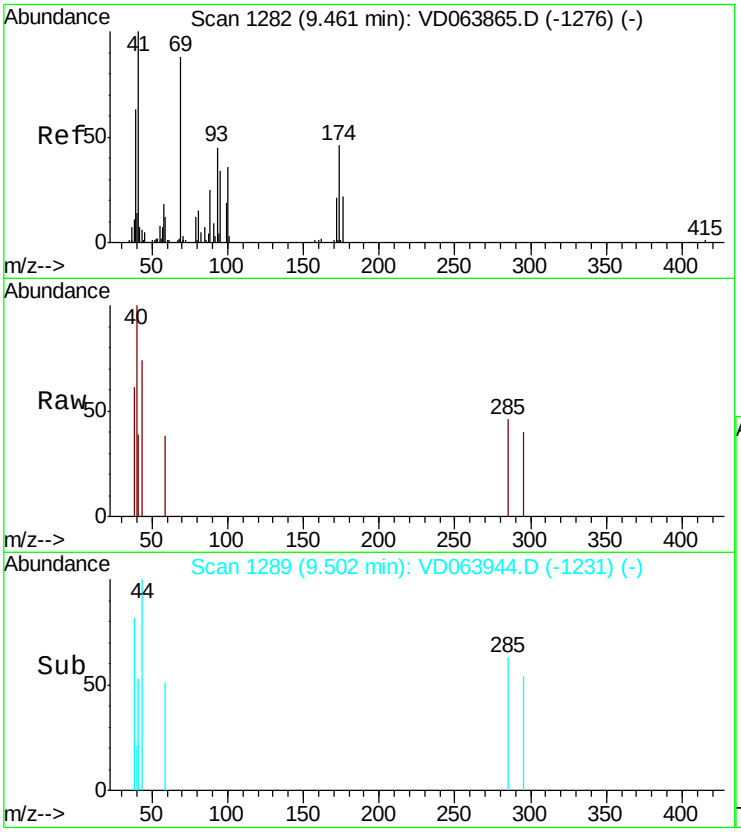


#47
Bromodichloromethane
Concen: 89.551 ug/l
RT: 9.73 min Scan# 1328
Delta R.T. 0.07 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 83 Resp: 64

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.2	75.2#
127	0.0	7.6	11.4#



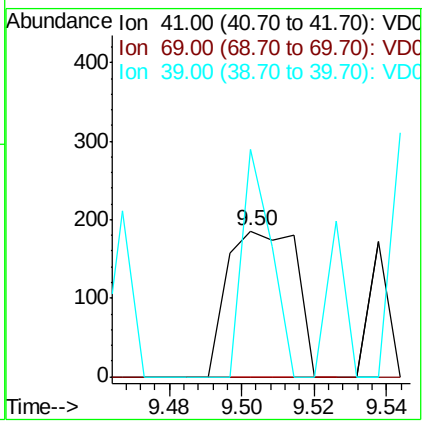


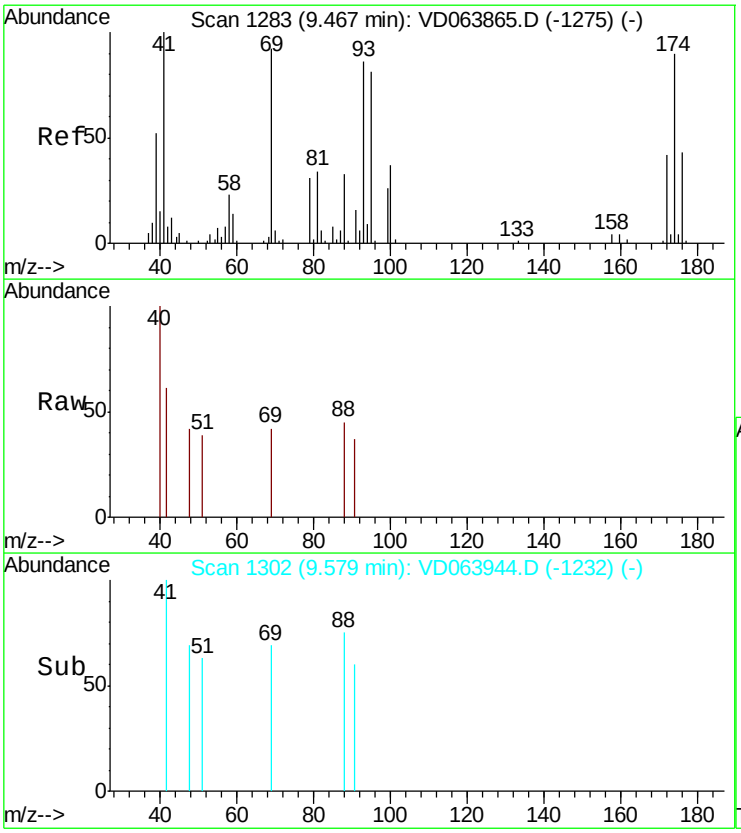
#48
Methyl methacrylate
Concen: 881.033 ug/l
RT: 9.50 min Scan# 1289
Delta R.T. 0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 41 Resp: 246

Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.1	112.7#
39	65.4	50.2	75.2

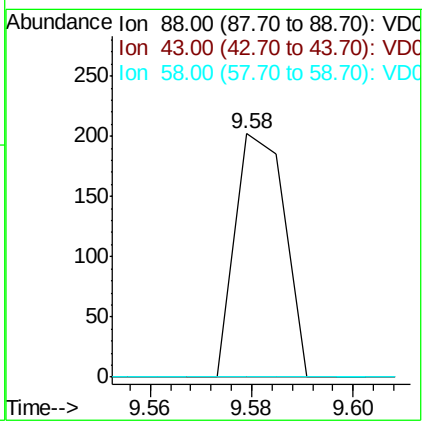


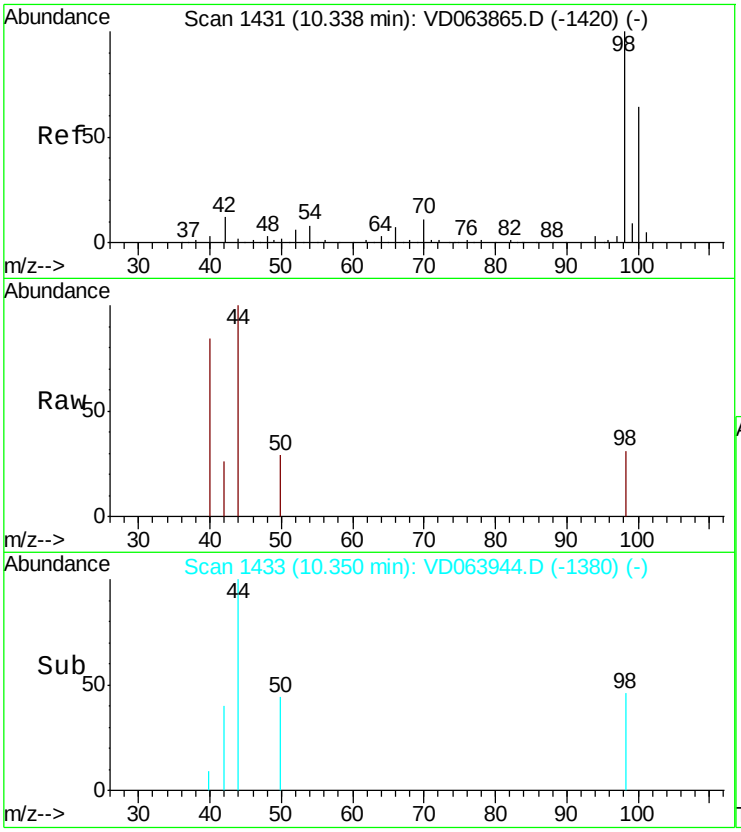


#49
1,4-Dioxane
Concen: 36156.964 ug/l
RT: 9.58 min Scan# 1302
Delta R.T. 0.11 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 88 Resp: 137

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



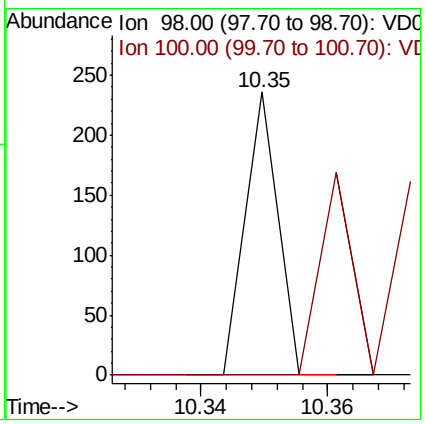


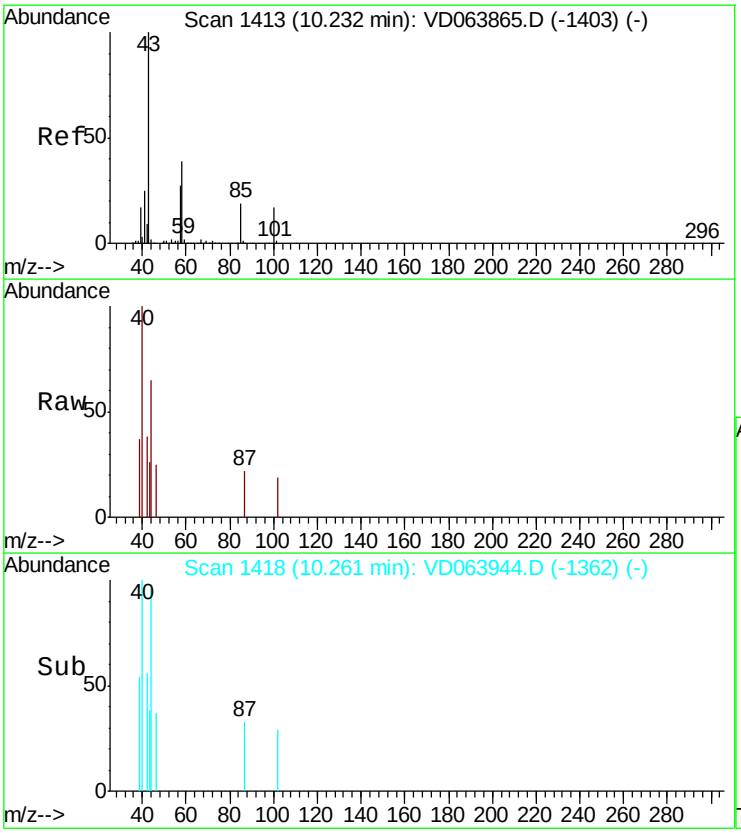
#50
Toluene-d8
Concen: 44.028 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 98 Resp: 83

Ion	Ratio	Lower	Upper
98	100		
100	141.0	52.1	78.1#

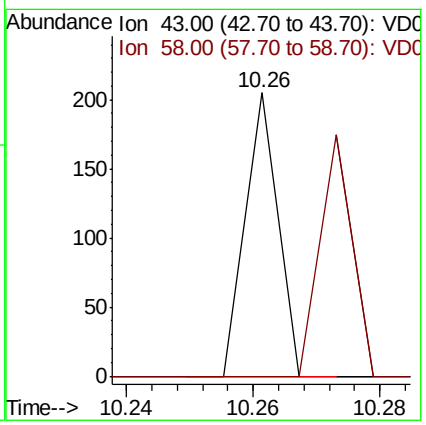


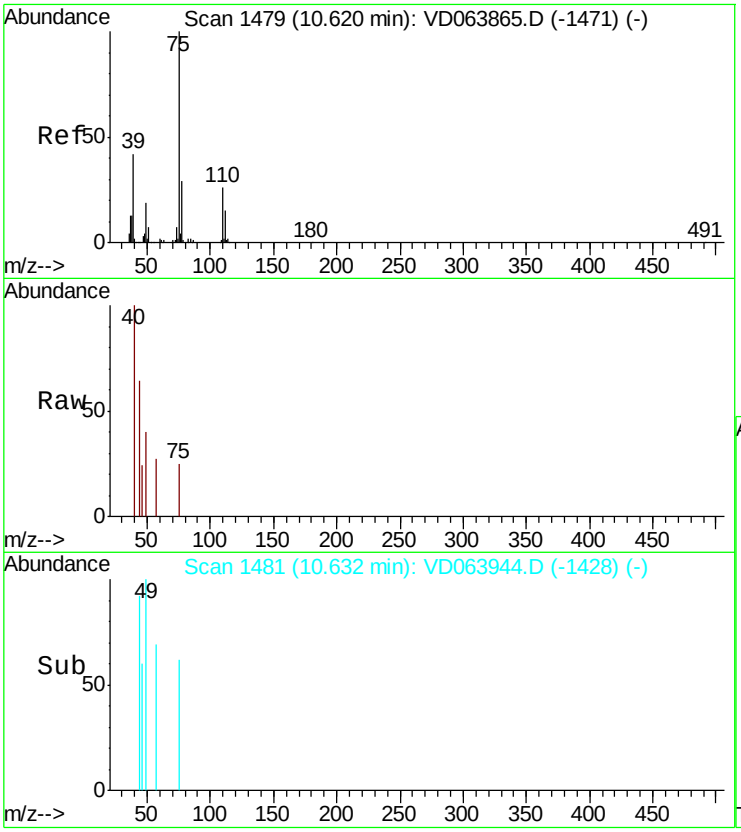


#51
4-Methyl-2-Pentanone
Concen: 238.229 ug/l
RT: 10.26 min Scan# 1418
Delta R.T. 0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 72

Ion	Ratio	Lower	Upper
43	100		
58	86.1	33.0	49.4#



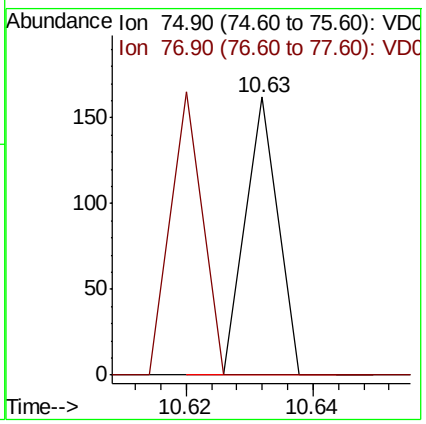


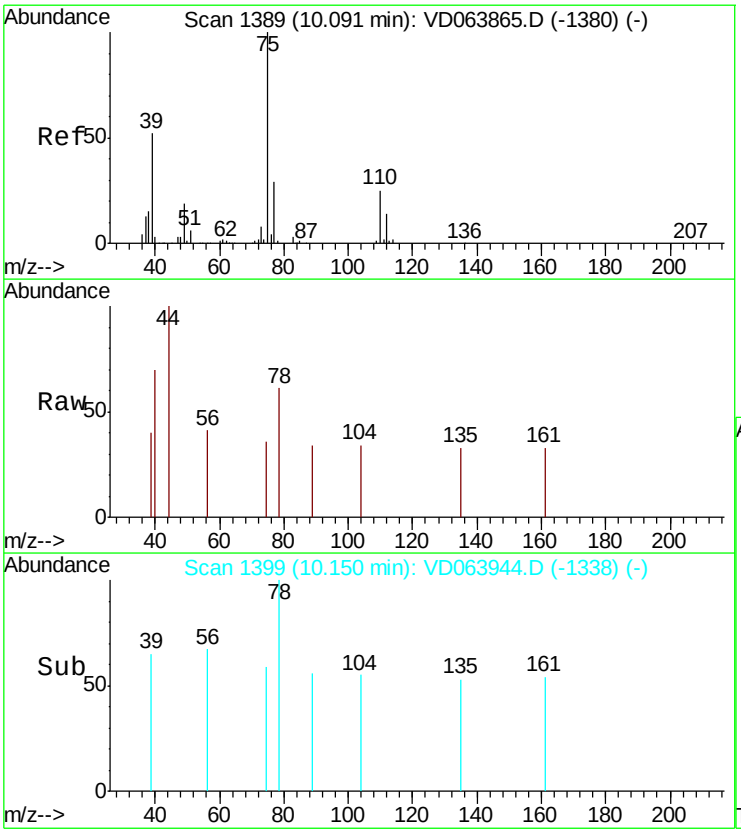
#53
t-1,3-Dichloropropene
Concen: 81.732 ug/l
RT: 10.63 min Scan# 1481
Delta R.T. 0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 75 Resp: 57

Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.8	34.2#

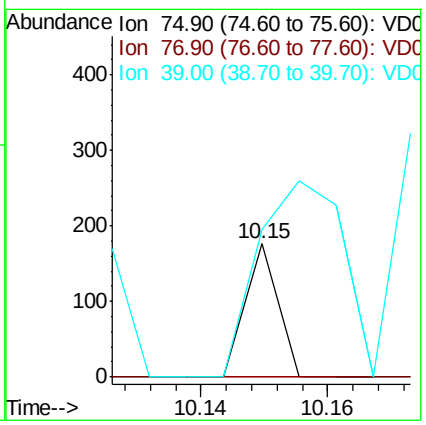


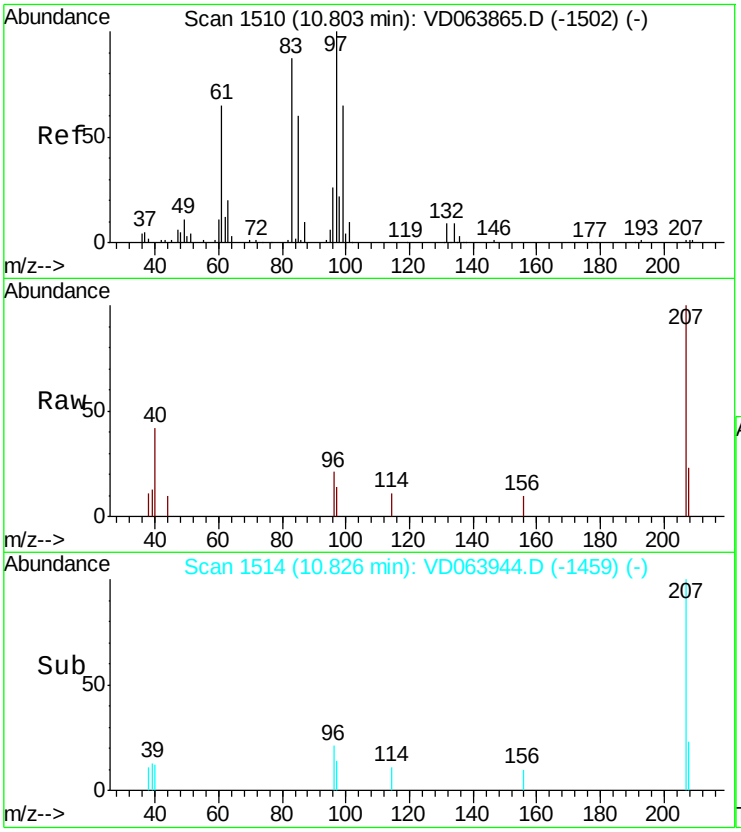


#54
cis-1,3-Dichloropropene
Concen: 77.232 ug/l
RT: 10.15 min Scan# 1399
Delta R.T. 0.06 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 75 Resp: 62

Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.2	34.8#
39	110.8	41.5	62.3#



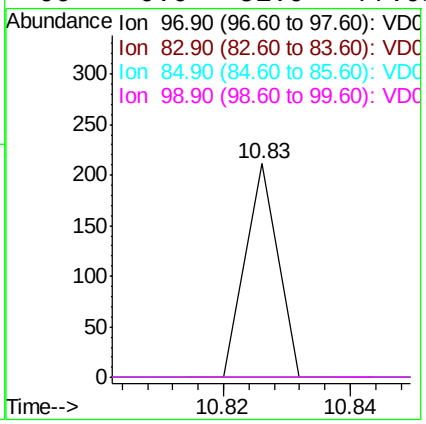


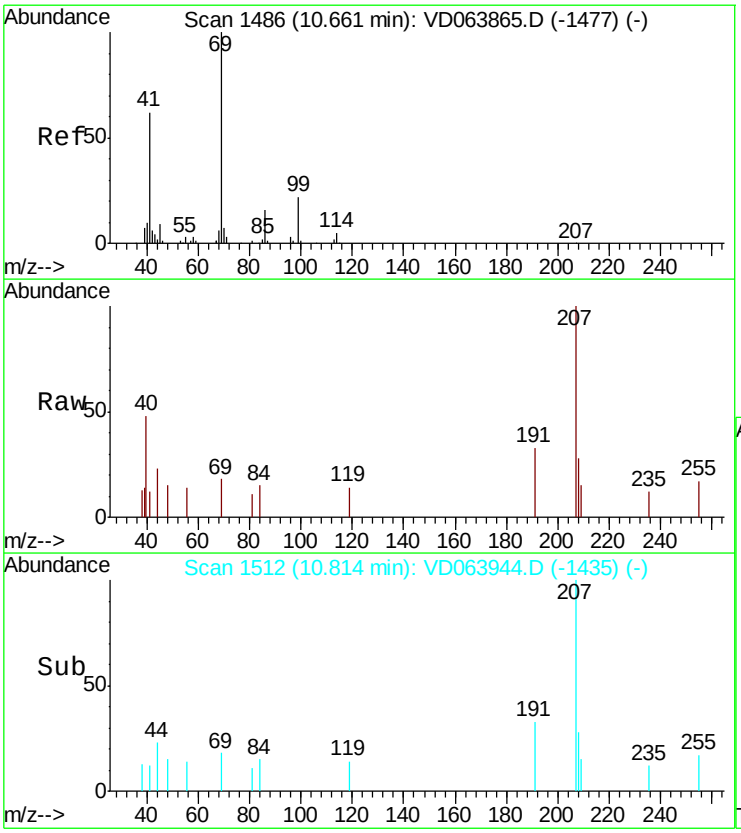
#55
1,1,2-Trichloroethane
Concen: 188.805 ug/l
RT: 10.83 min Scan# 1514
Delta R.T. 0.02 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 97 Resp: 74

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.7	104.5#
85	0.0	48.1	72.1#
99	0.0	51.9	77.9#

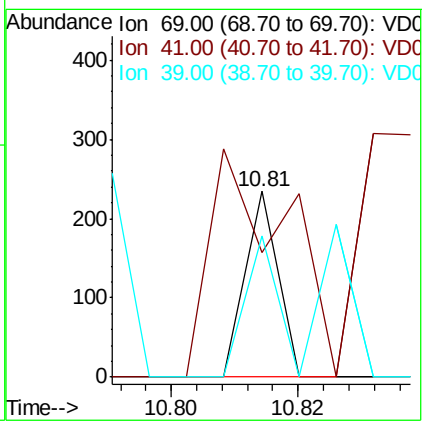


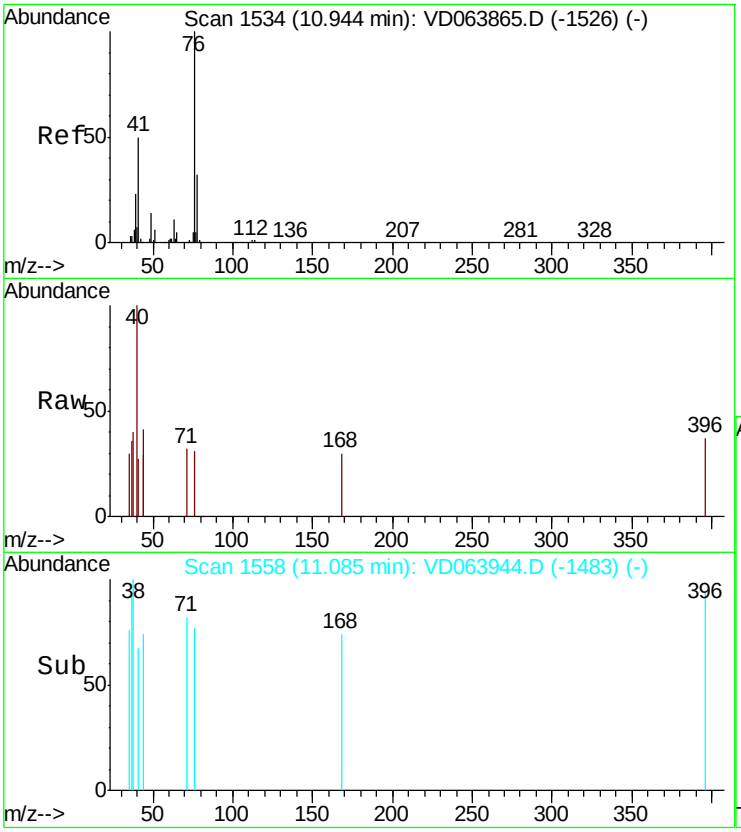


#56
Ethyl methacrylate
Concen: 167.226 ug/l
RT: 10.81 min Scan# 1512
Delta R.T. 0.15 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 69 Resp: 83

Ion	Ratio	Lower	Upper
69	100		
41	288.0	51.3	76.9#
39	0.0	28.0	42.0#



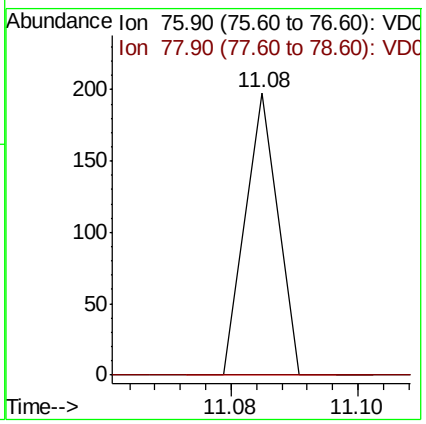


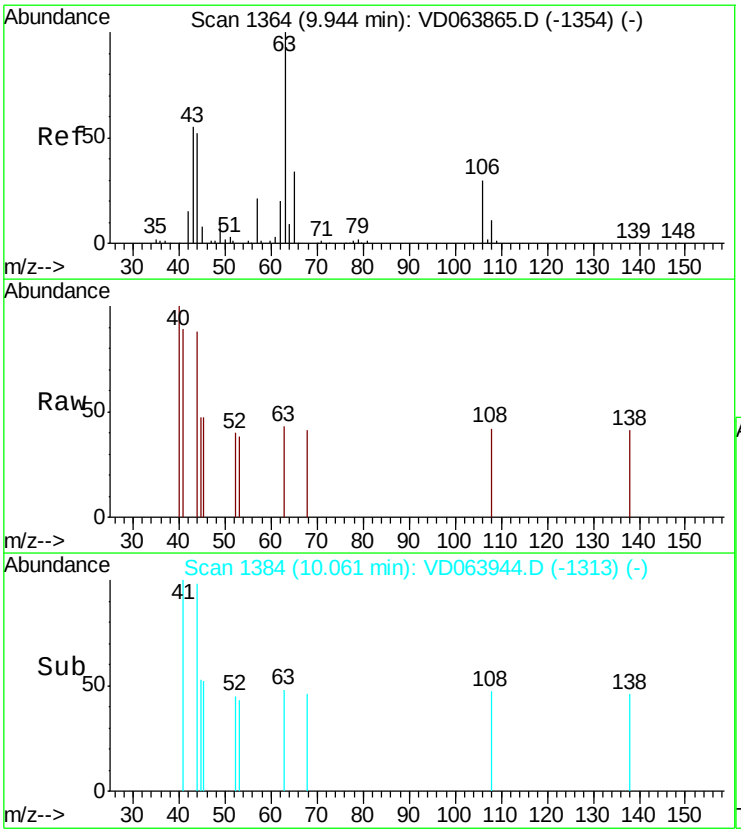
#57
1,3-Dichloropropane
Concen: 104.385 ug/l
RT: 11.08 min Scan# 1558
Delta R.T. 0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 76 Resp: 70

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#

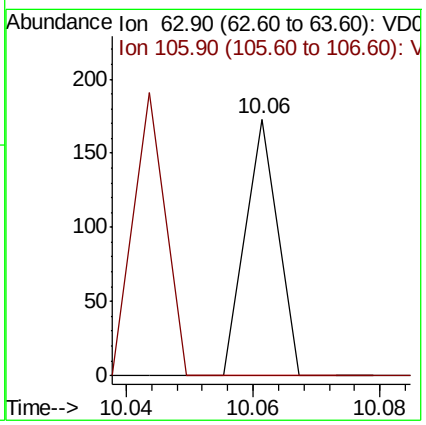


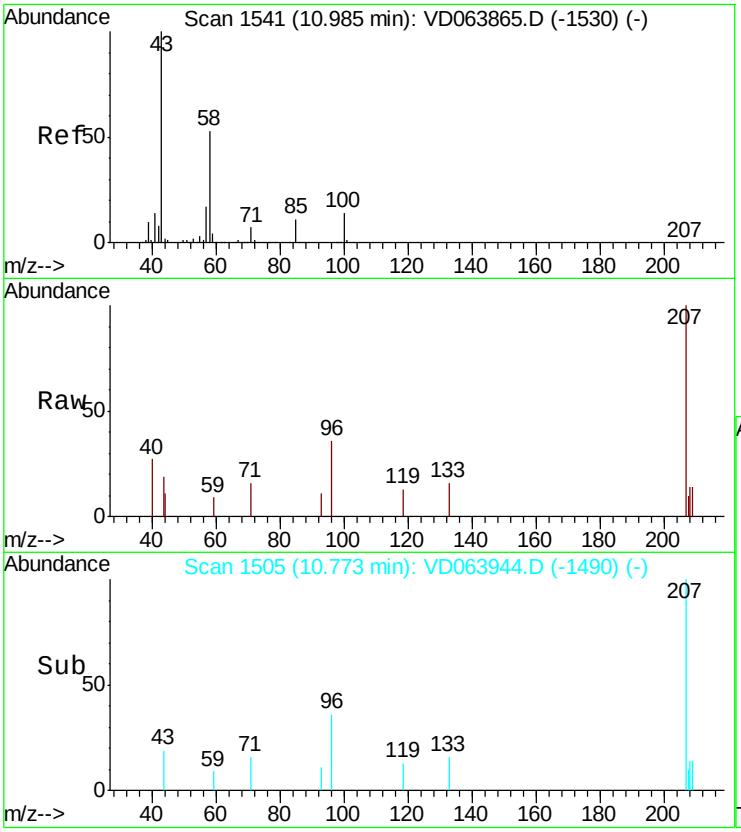


#58
2-Chloroethyl Vinyl ether
Concen: 285.924 ug/l
RT: 10.06 min Scan# 1384
Delta R.T. 0.12 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 63 Resp: 61

Ion	Ratio	Lower	Upper
63	100		
106	109.8	24.3	36.5#



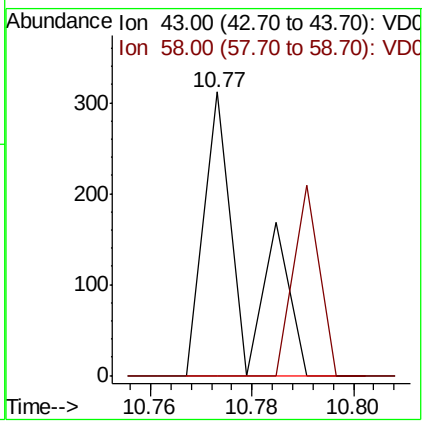


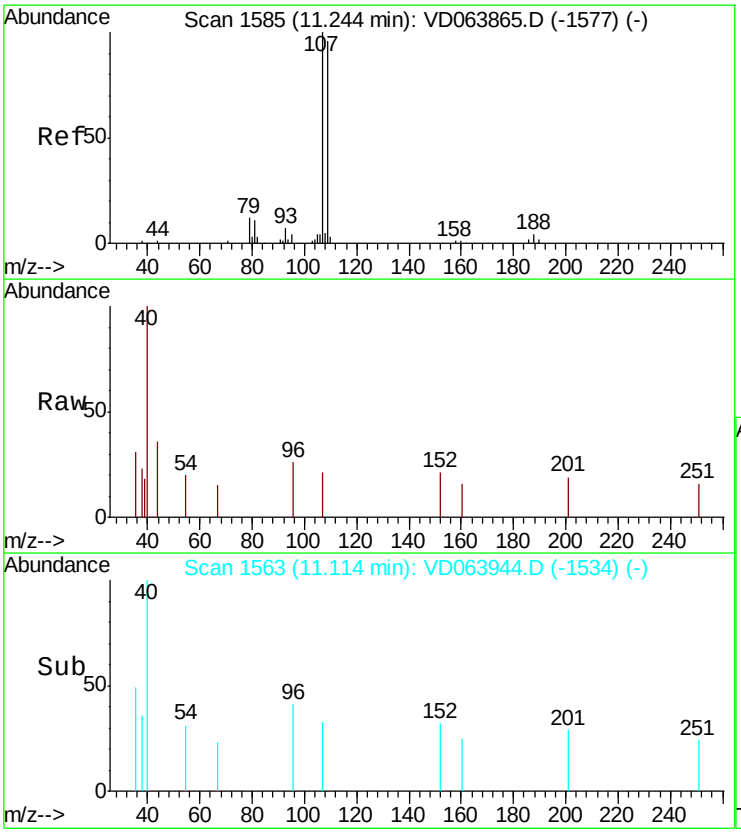
#59
2-Hexanone
Concen: 777.588 ug/l
RT: 10.77 min Scan# 1505
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 43 Resp: 170

Ion	Ratio	Lower	Upper
43	100		
58	43.5	27.7	83.0

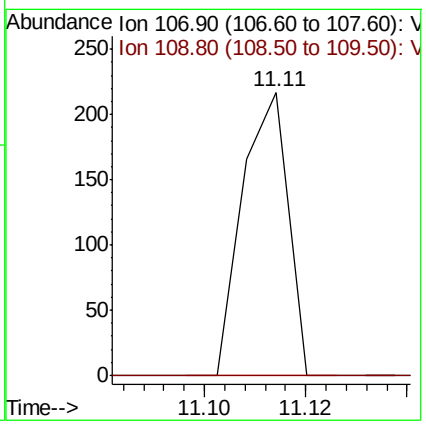


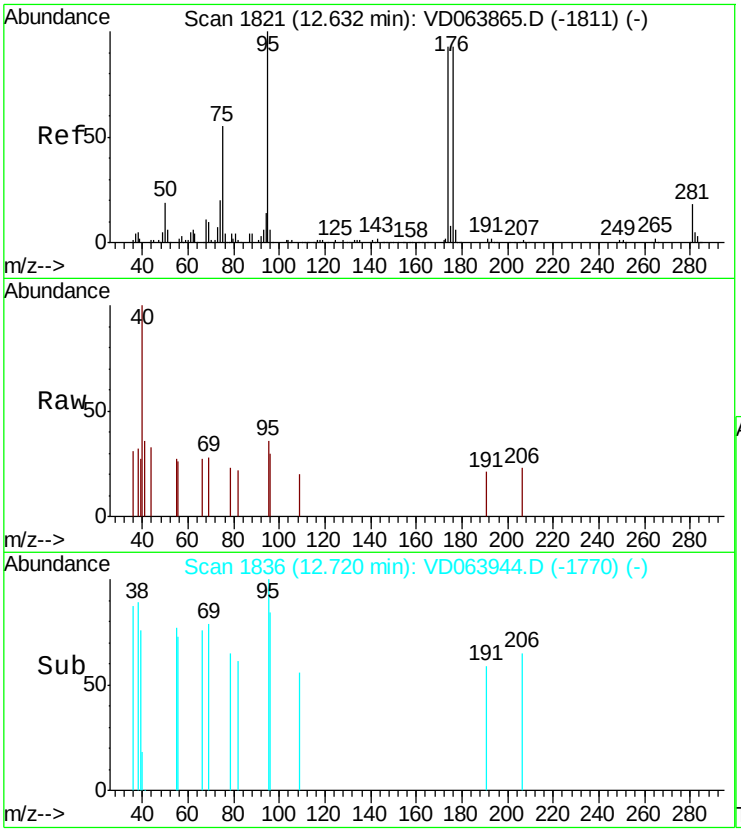


#61
1,2-Dibromoethane
Concen: 355.291 ug/l
RT: 11.11 min Scan# 1563
Delta R.T. -0.13 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:107 Resp: 135

Ion	Ratio	Lower	Upper
107	100		
109	0.0	75.2	112.8#



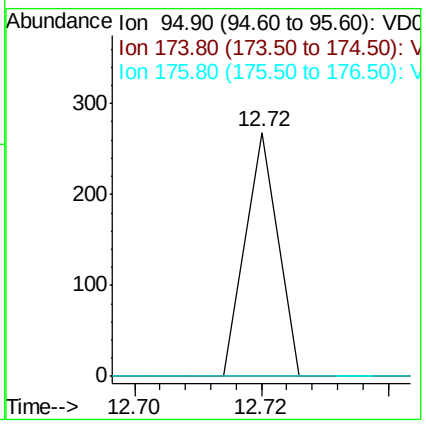


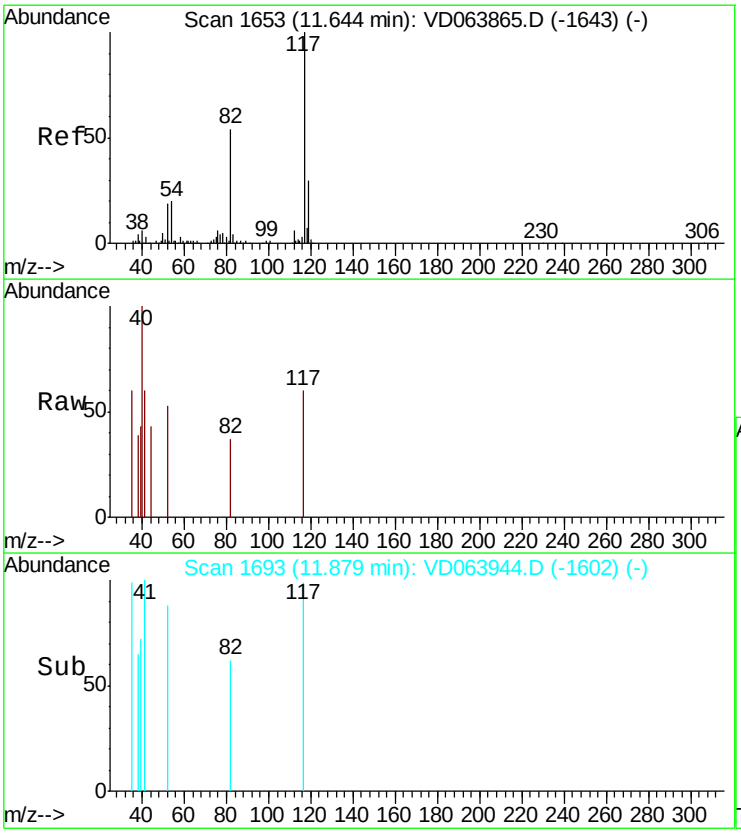
#62
4-Bromofluorobenzene
Concen: 145.017 ug/l
RT: 12.72 min Scan# 1836
Delta R.T. 0.09 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 95 Resp: 95

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

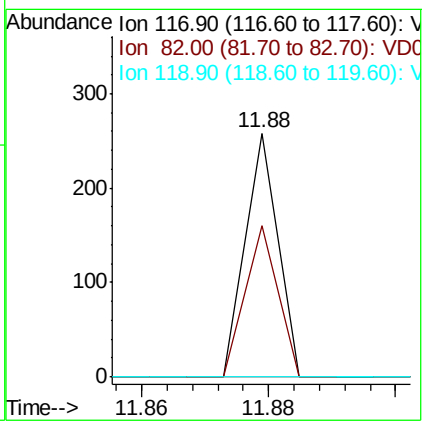


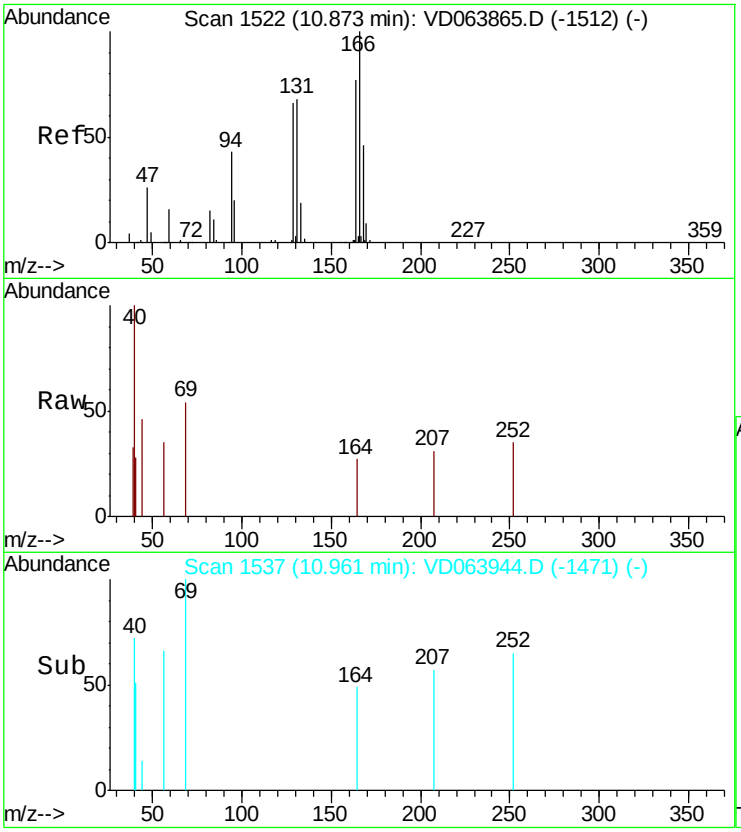


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.88 min Scan# 1693
Delta R.T. 0.24 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:117 Resp: 91

Ion	Ratio	Lower	Upper
117	100		
82	62.0	42.8	64.2
119	0.0	24.4	36.6#



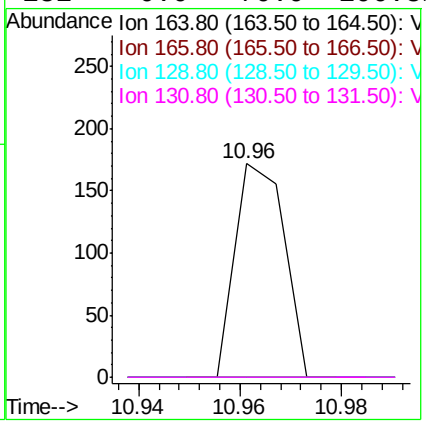


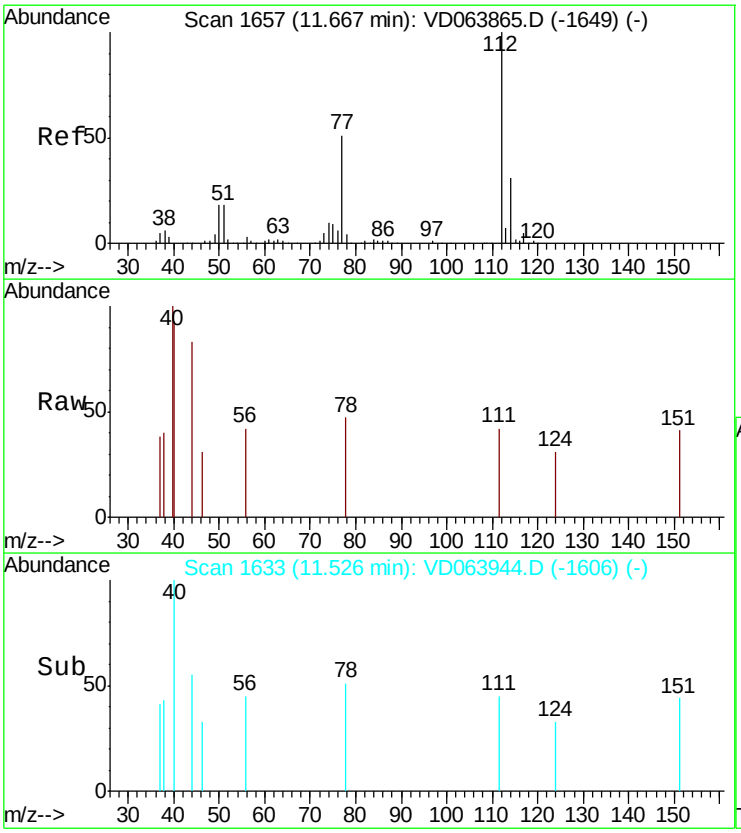
#64
Tetrachloroethene
Concen: 186.725 ug/l
RT: 10.96 min Scan# 1537
Delta R.T. 0.09 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion:164 Resp: 116

Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.8	155.6#
129	0.0	68.9	103.3#
131	0.0	70.9	106.3#

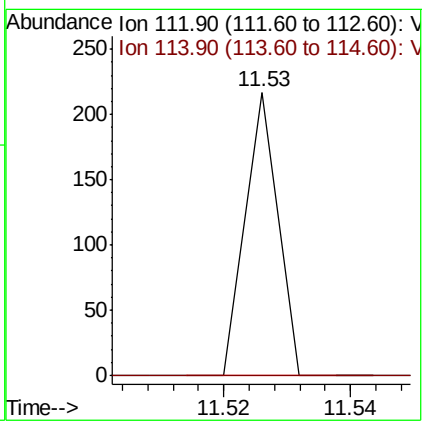


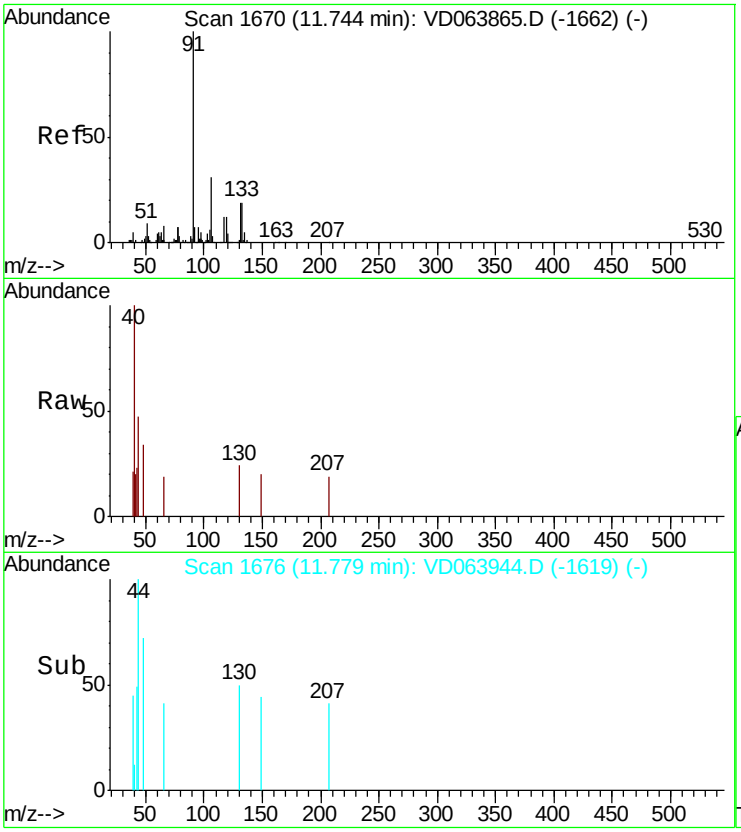


#65
Chlorobenzene
Concen: 42.133 ug/l
RT: 11.53 min Scan# 1633
Delta R.T. -0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:112 Resp: 77

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.1	37.7#



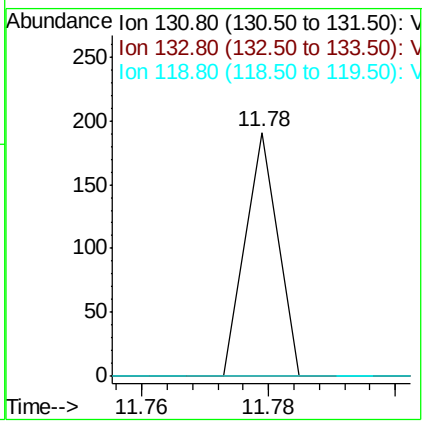


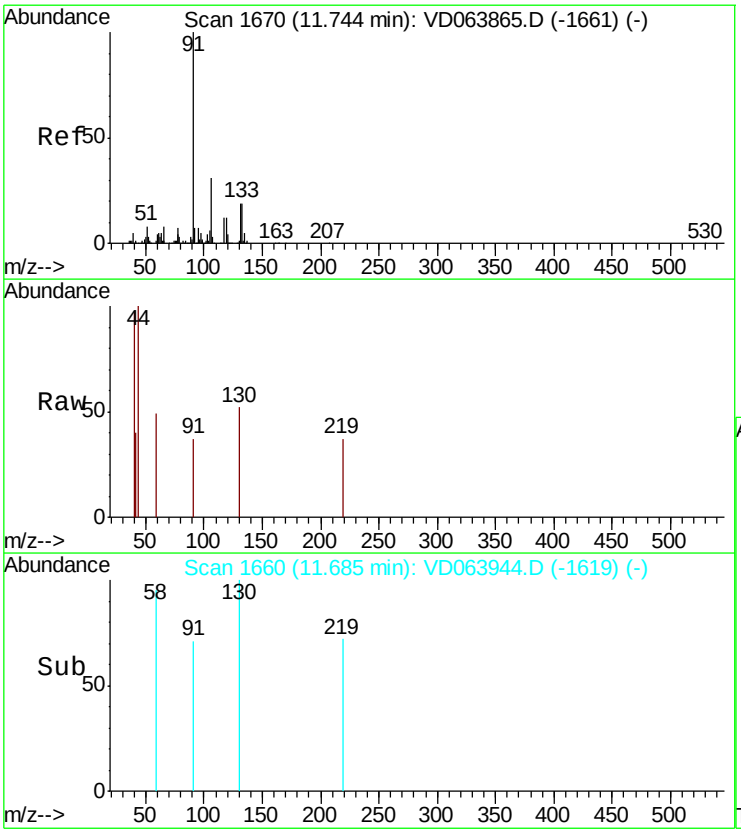
#66
1,1,1,2-Tetrachloroethane
Concen: 99.495 ug/l
RT: 11.78 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:131 Resp: 67

Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.9	146.7#
119	0.0	32.6	97.8#

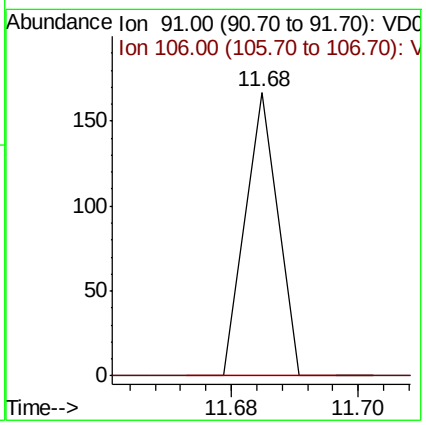


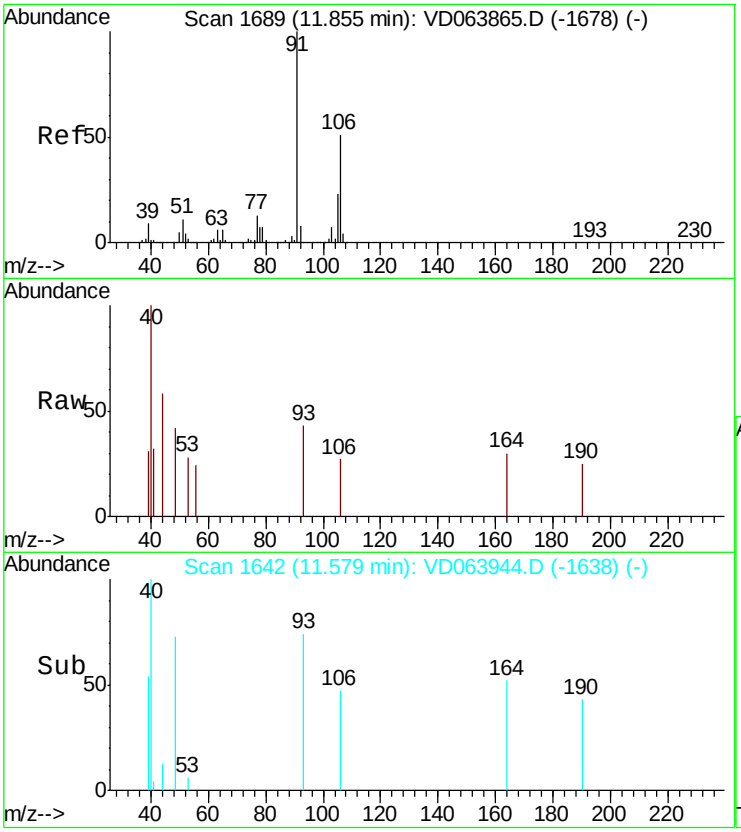


#67
Ethyl Benzene
Concen: 17.904 ug/l
RT: 11.68 min Scan# 1660
Delta R.T. -0.06 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 59

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.6	37.0#



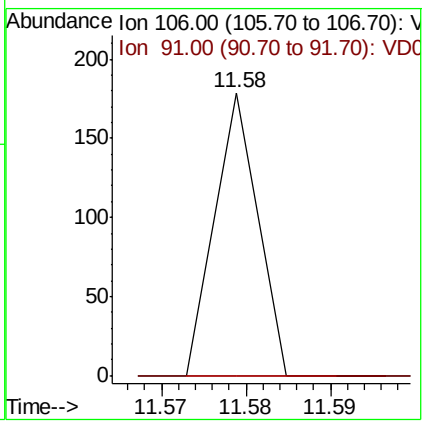


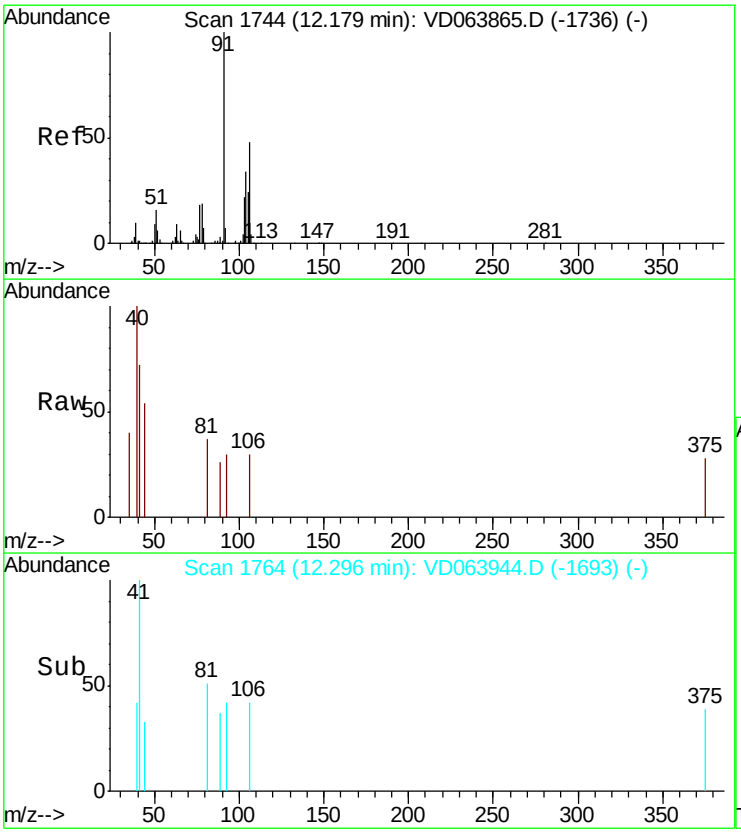
#68
m/p-Xylenes
Concen: 49.530 ug/l
RT: 11.58 min Scan# 1642
Delta R.T. -0.28 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:106 Resp: 63

Ion	Ratio	Lower	Upper
106	100		
91	0.0	154.8	232.2#

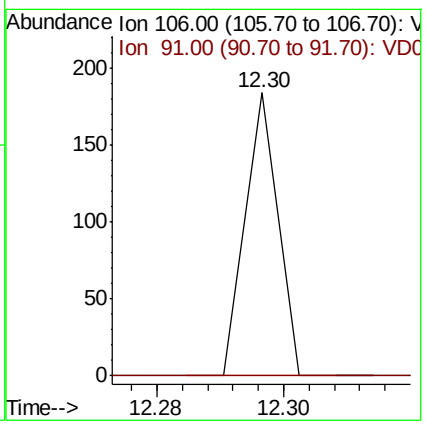


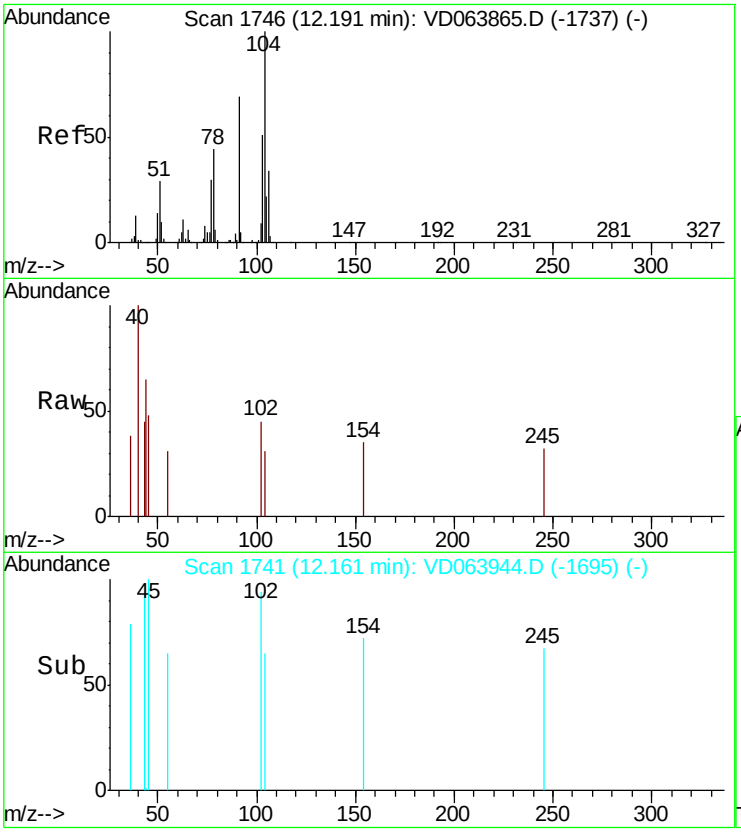


#69
o-Xylene
Concen: 53.369 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.12 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:106 Resp: 65

Ion	Ratio	Lower	Upper
106	100		
91	0.0	103.9	311.7#



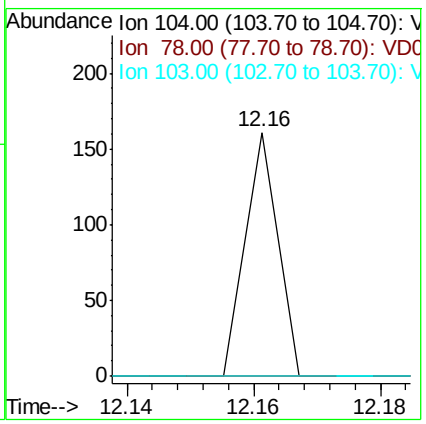


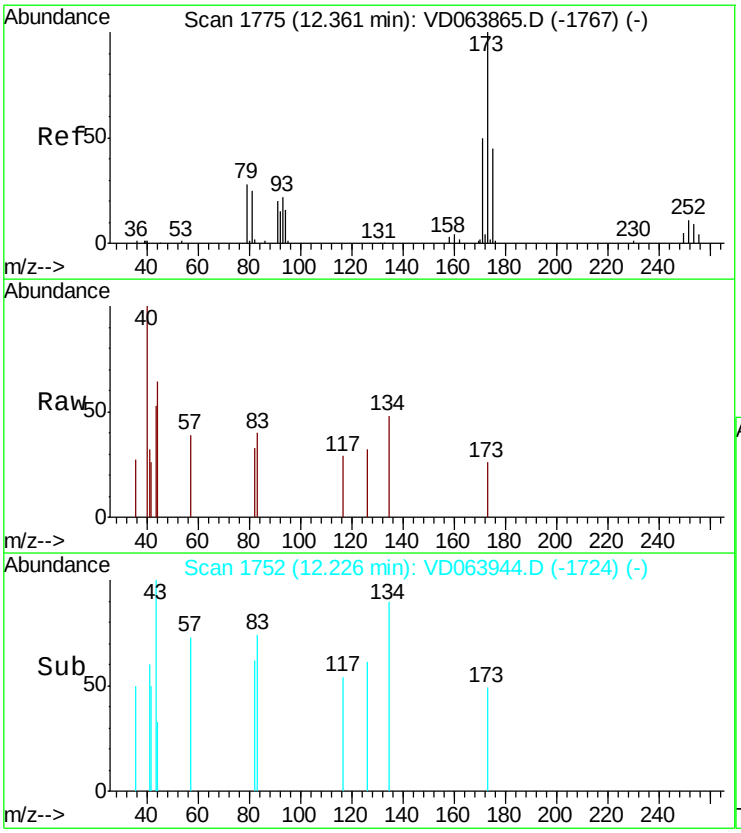
#70
Stvrene
Concen: 27.646 ug/l
RT: 12.16 min Scan# 1741
Delta R.T. -0.03 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion:104 Resp: 57

Ion	Ratio	Lower	Upper
104	100		
78	0.0	37.0	55.4#
103	0.0	44.2	66.4#

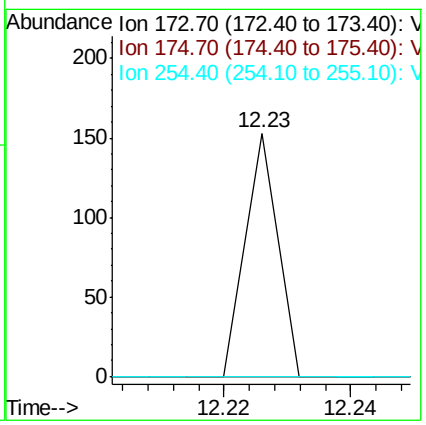


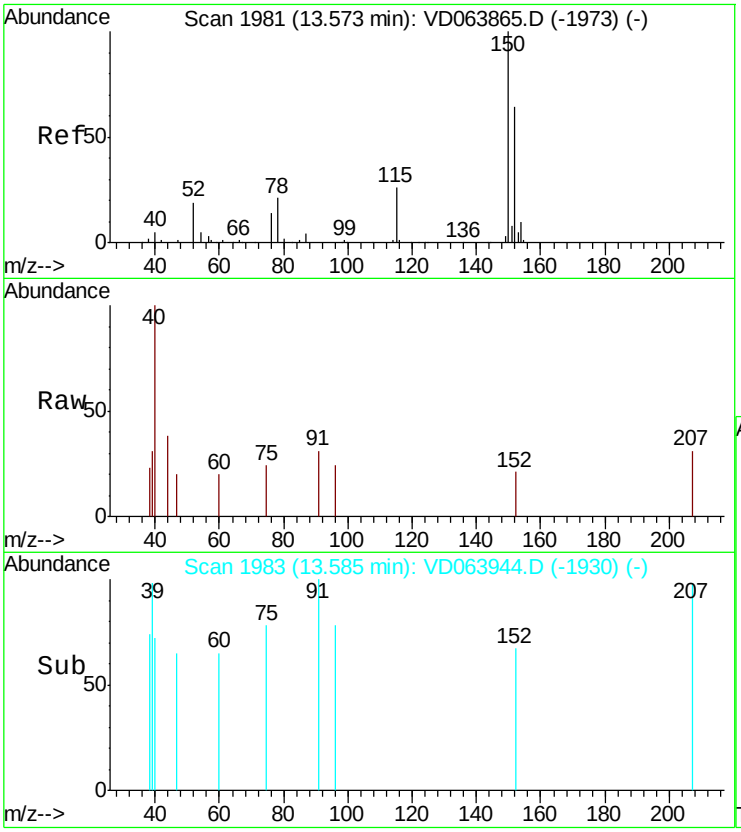


#71
Bromoform
Concen: 149.421 ug/l
RT: 12.23 min Scan# 1752
Delta R.T. -0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:173 Resp: 54

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



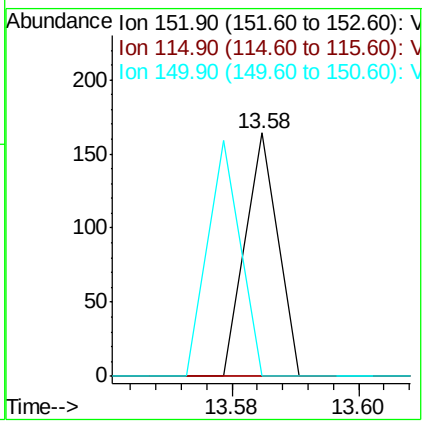


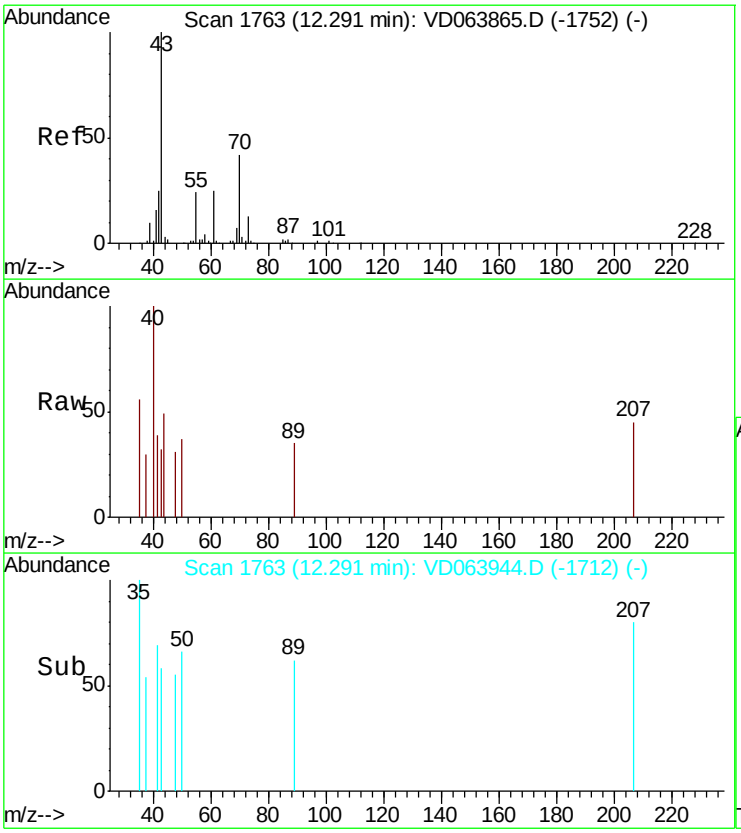
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:152 Resp: 58

Ion	Ratio	Lower	Upper
152	100		
115	0.0	25.9	77.7#
150	96.6	0.0	344.2

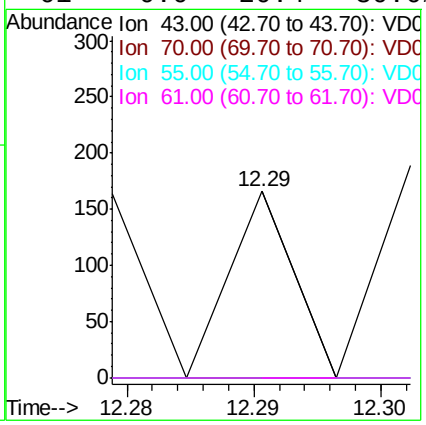


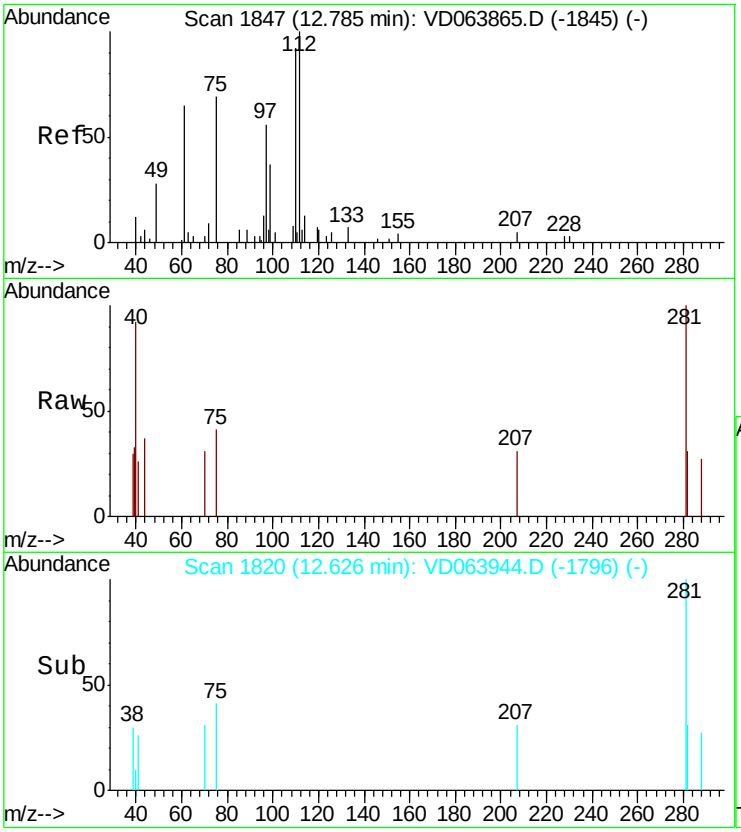


#74
N-amyl acetate
Concen: 70.282 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.8	53.6#
55	0.0	19.4	29.0#
61	0.0	20.4	30.6#



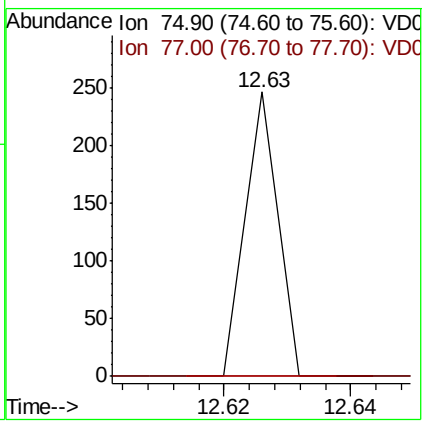


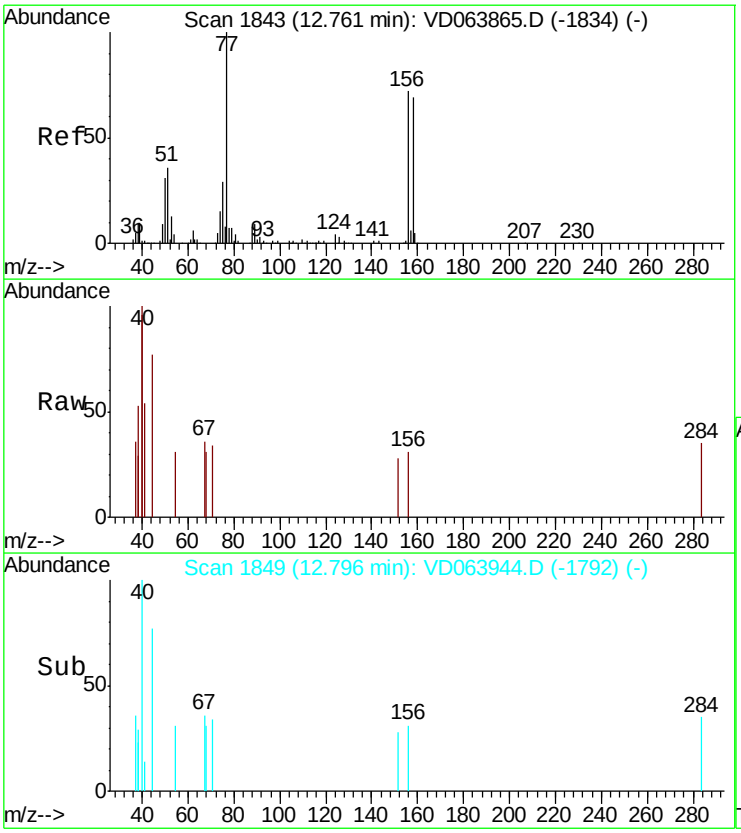
#76
1,2,3-Trichloropropane
Concen: 223.957 ug/l
RT: 12.63 min Scan# 1820
Delta R.T. -0.16 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 75 Resp: 87

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

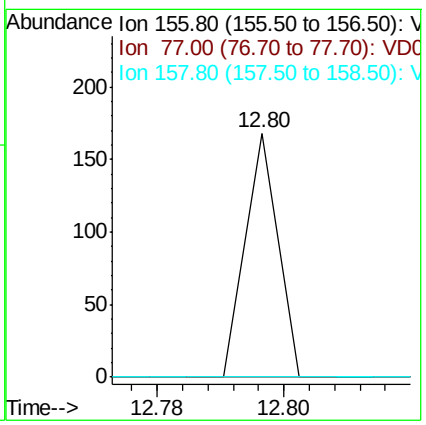


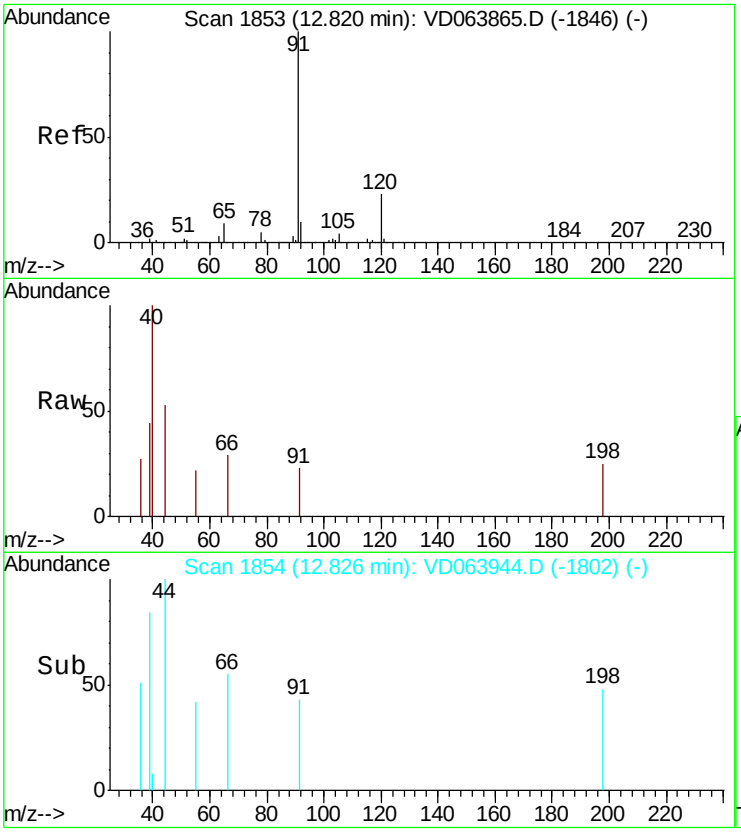


#77
Bromobenzene
Concen: 60.736 ug/l
RT: 12.80 min Scan# 1849
Delta R.T. 0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:156 Resp: 59

Ion	Ratio	Lower	Upper
156	100		
77	0.0	80.3	241.0#
158	0.0	47.4	142.2#



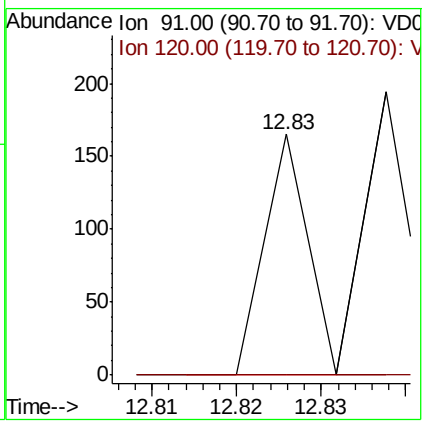


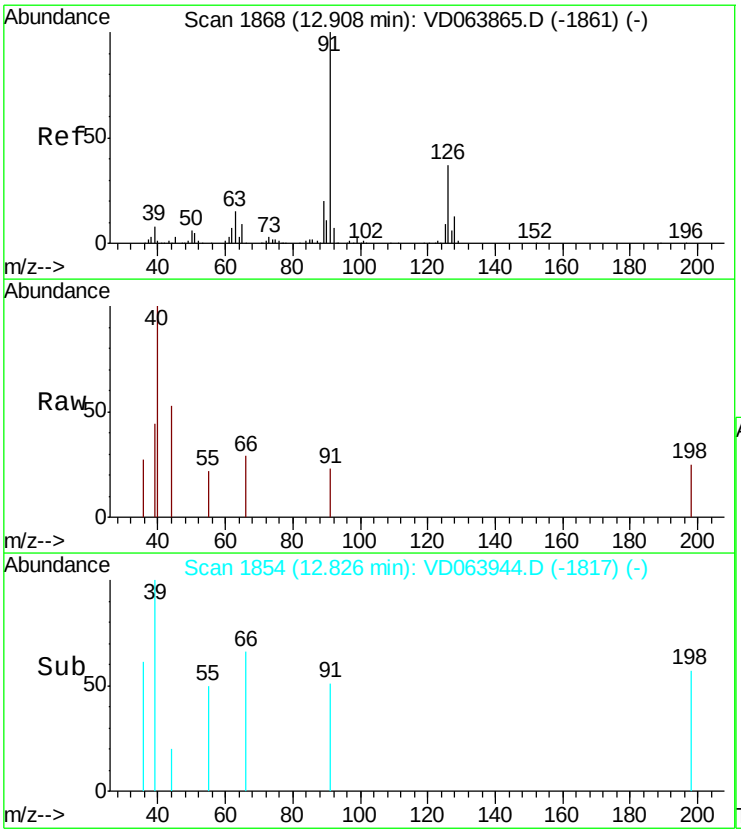
#78
n-propylbenzene
Concen: 12.673 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion: 91 Resp: 58

Ion	Ratio	Lower	Upper
91	100		
120	0.0	12.0	36.0#

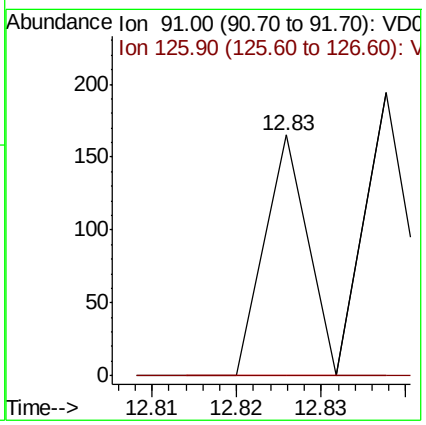


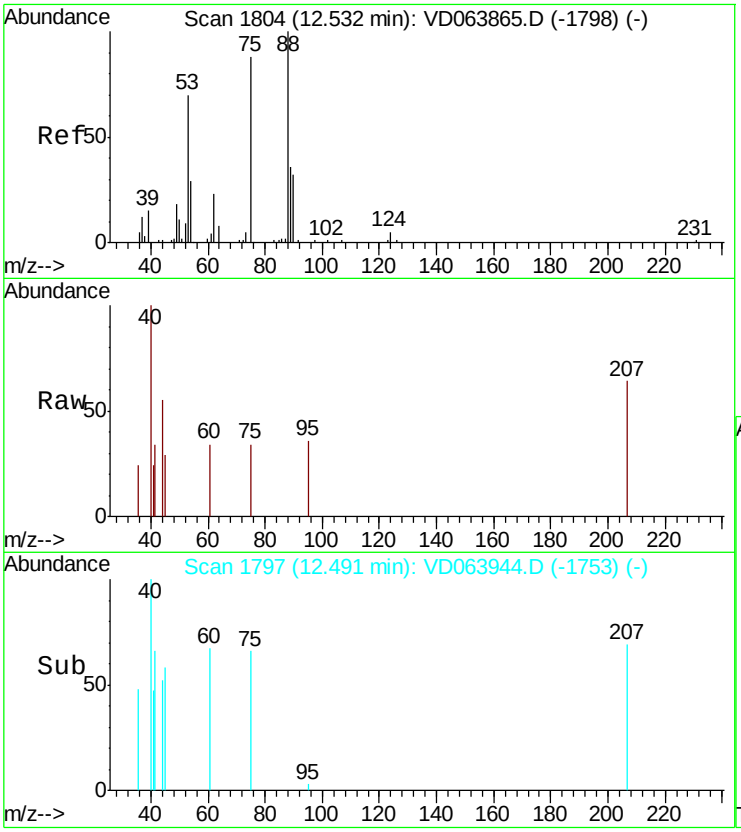


#79
2-Chlorotoluene
Concen: 22.983 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.08 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 58

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.4	55.2#



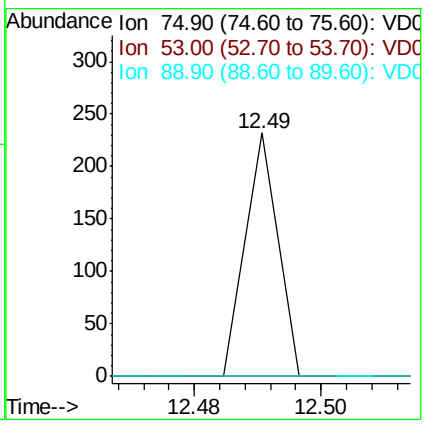


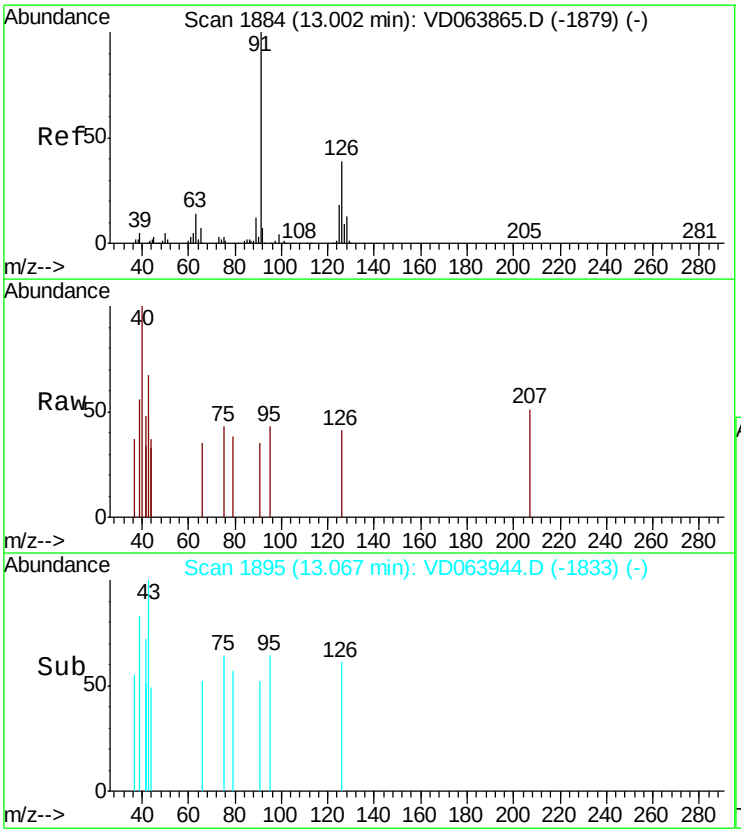
#81
trans-1,4-Dichloro-2-butene
Concen: 373.537 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. -0.04 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 75 Resp: 82

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

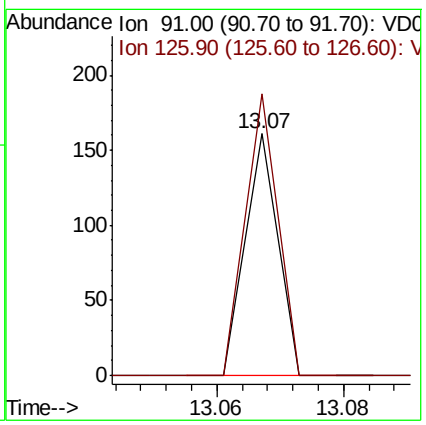


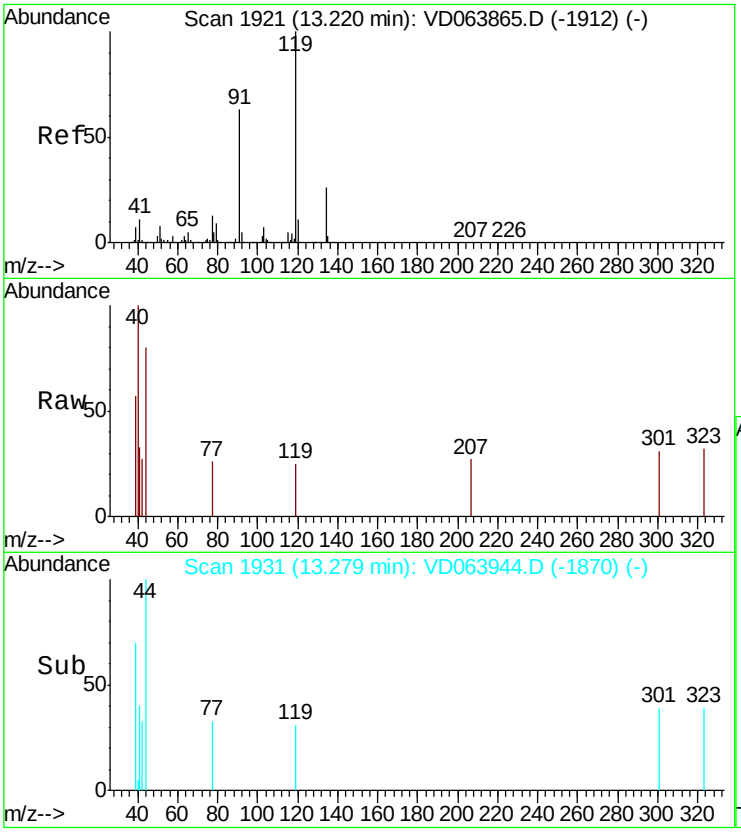


#82
4-Chlorotoluene
Concen: 21.292 ug/l
RT: 13.07 min Scan# 1895
Delta R.T. 0.06 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 57

Ion	Ratio	Lower	Upper
91	100		
126	115.8	18.6	55.8#



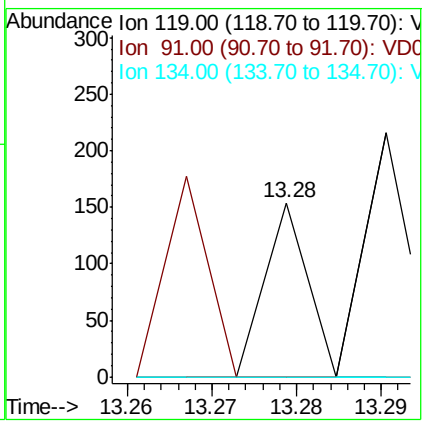


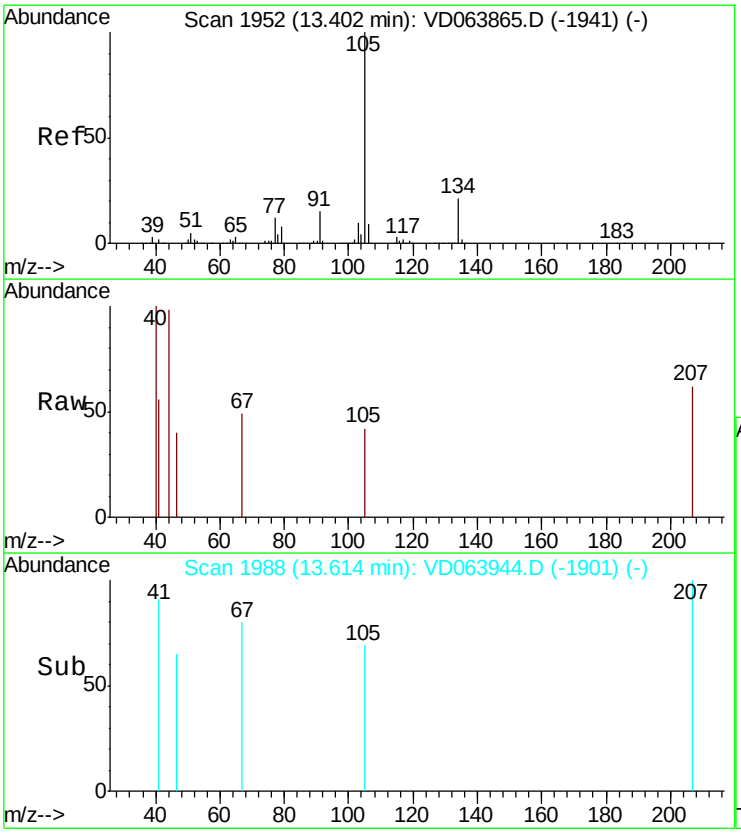
#83
tert-Butylbenzene
Concen: 18.653 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.06 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion:119 Resp: 54

Ion	Ratio	Lower	Upper
119	100		
91	114.8	30.0	90.0#
134	0.0	13.0	38.9#

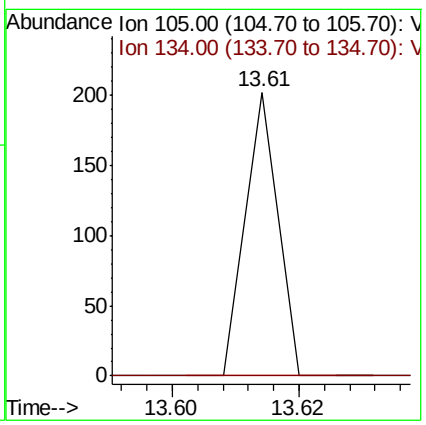


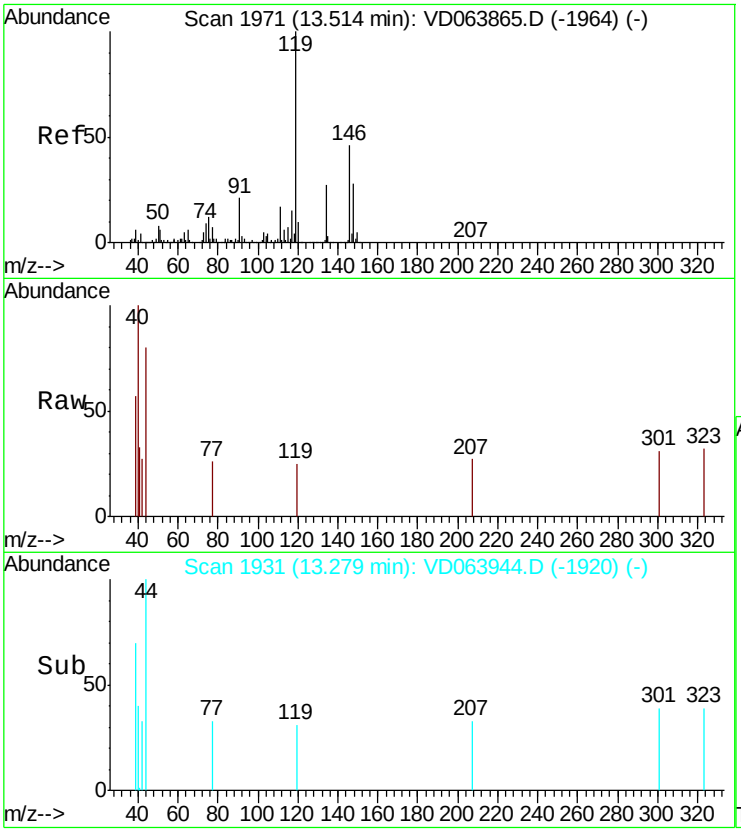


#85
sec-Butylbenzene
Concen: 18.160 ug/l
RT: 13.61 min Scan# 1988
Delta R.T. 0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:105 Resp: 71

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.6	31.8#



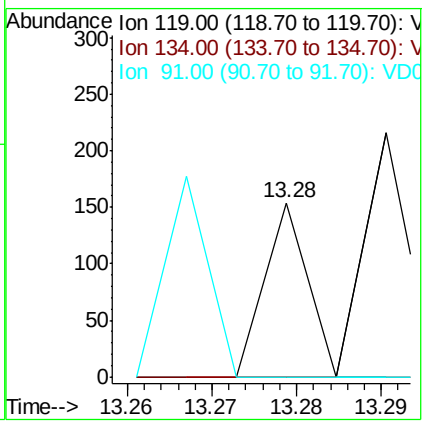


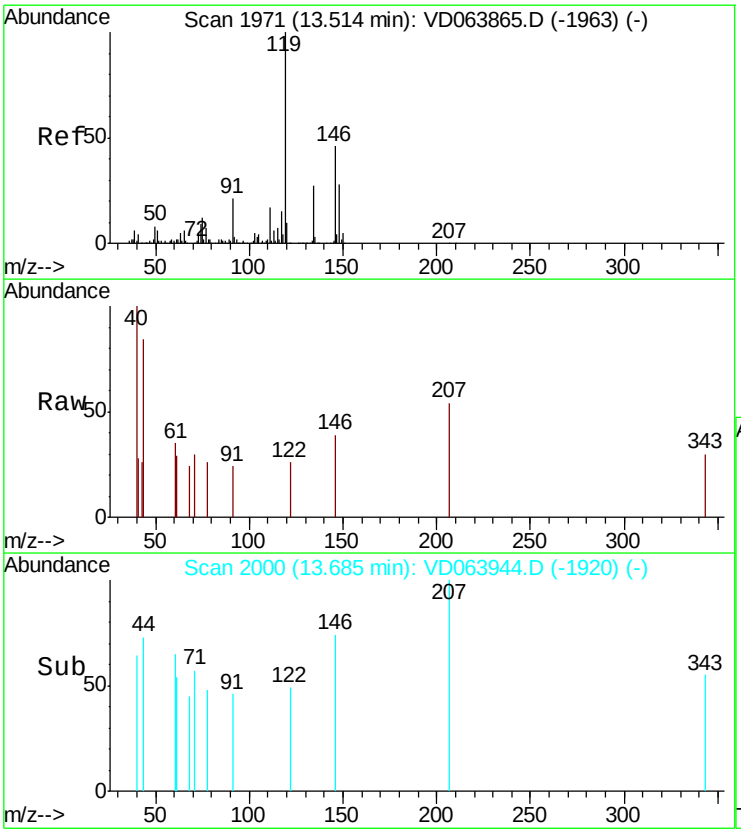
#86
p-Isopropyltoluene
Concen: 14.596 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.24 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion:119 Resp: 54

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.9	41.6#
91	114.8	11.2	33.5#

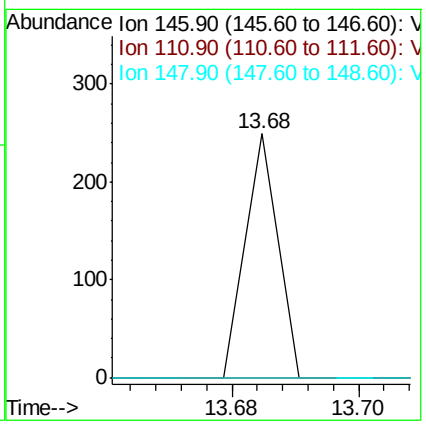


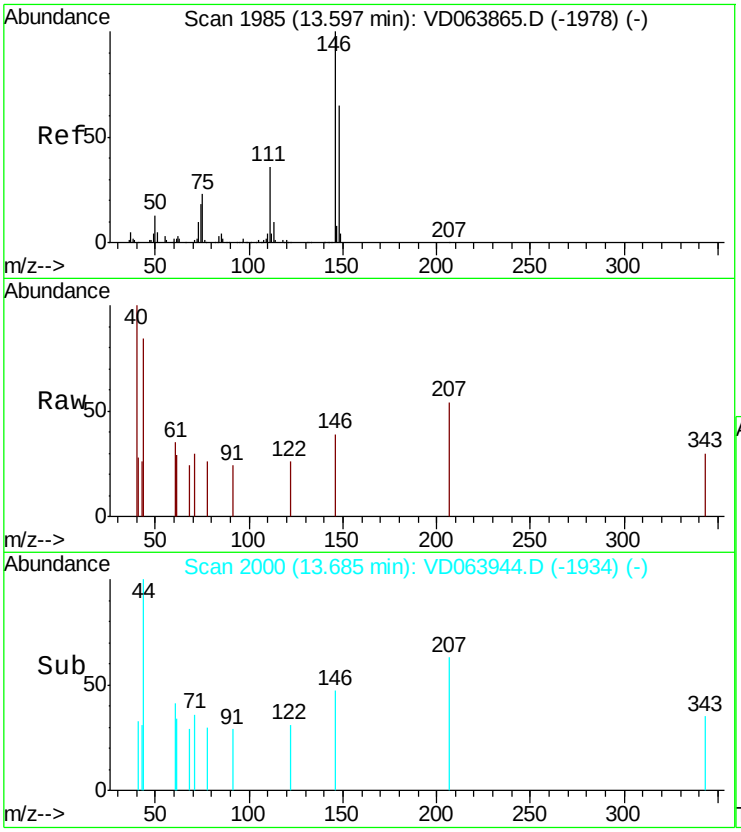


#87
1,3-Dichlorobenzene
Concen: 45.847 ug/l
RT: 13.68 min Scan# 2000
Delta R.T. 0.17 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:146 Resp: 88

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.3	54.9#
148	0.0	31.8	95.4#



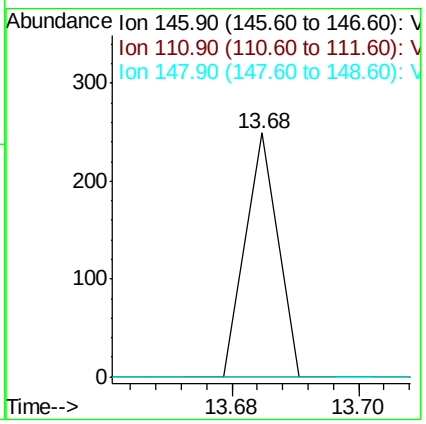


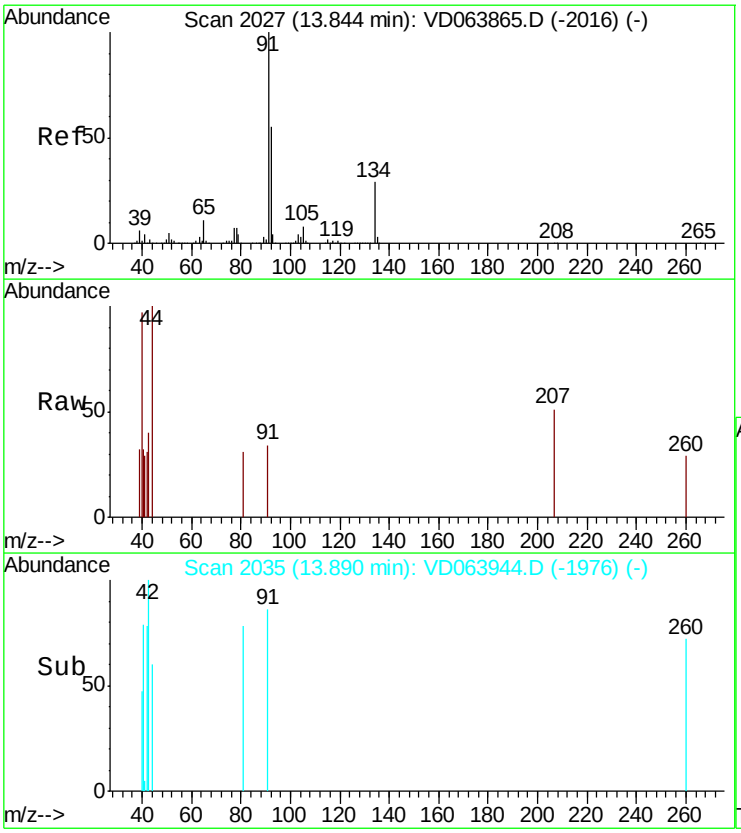
#88
1,4-Dichlorobenzene
Concen: 46.473 ug/l
RT: 13.68 min Scan# 2000
Delta R.T. 0.09 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument : MSVOA_D
ClientSampleId : 10-10-I

Tgt Ion:146 Resp: 88

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	56.0#
148	0.0	32.6	98.0#

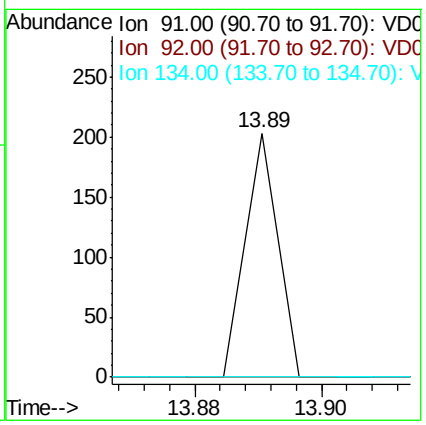


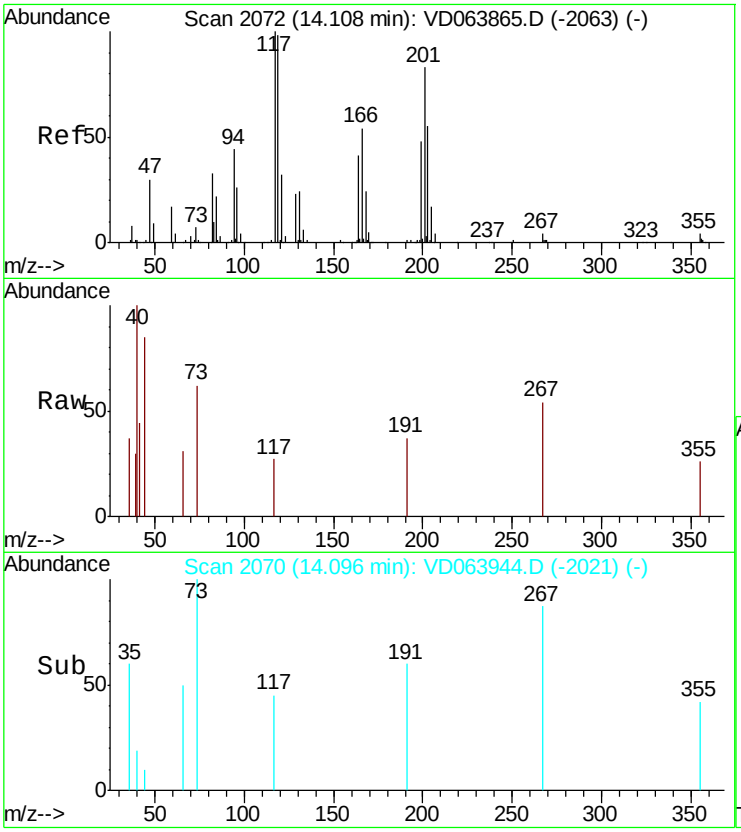


#89
n-Butylbenzene
Concen: 20.908 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. 0.05 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion: 91 Resp: 72

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.3#
134	0.0	14.4	43.0#



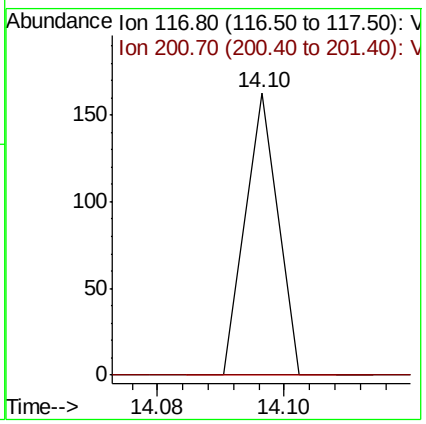


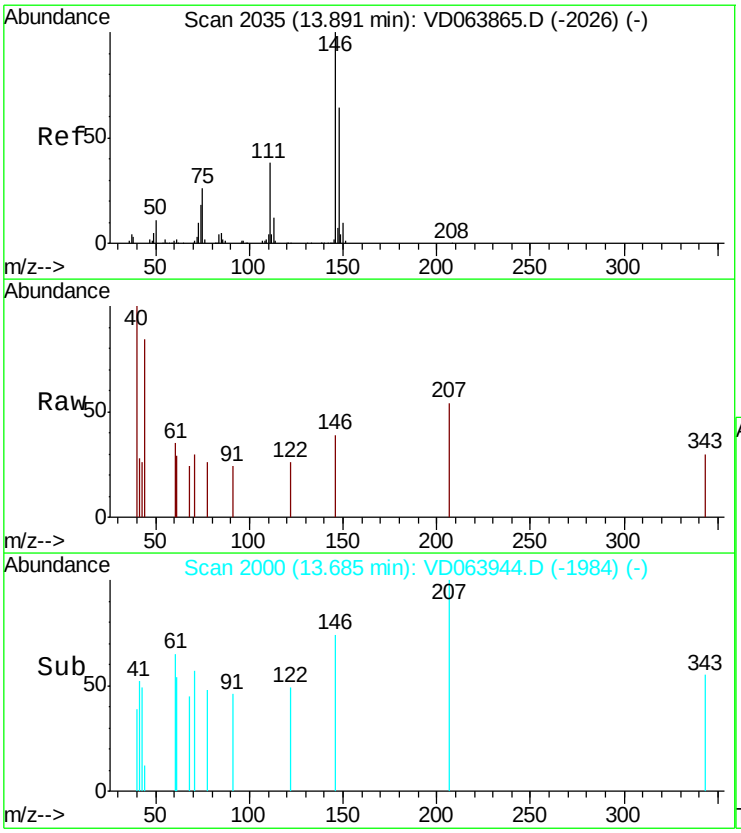
#90
Hexachloroethane
Concen: 87.168 ug/l
RT: 14.10 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:117 Resp: 58

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.6	121.7#

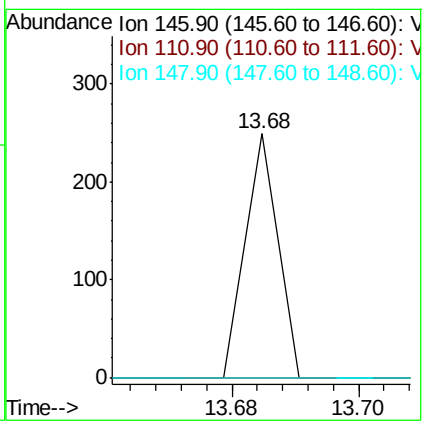


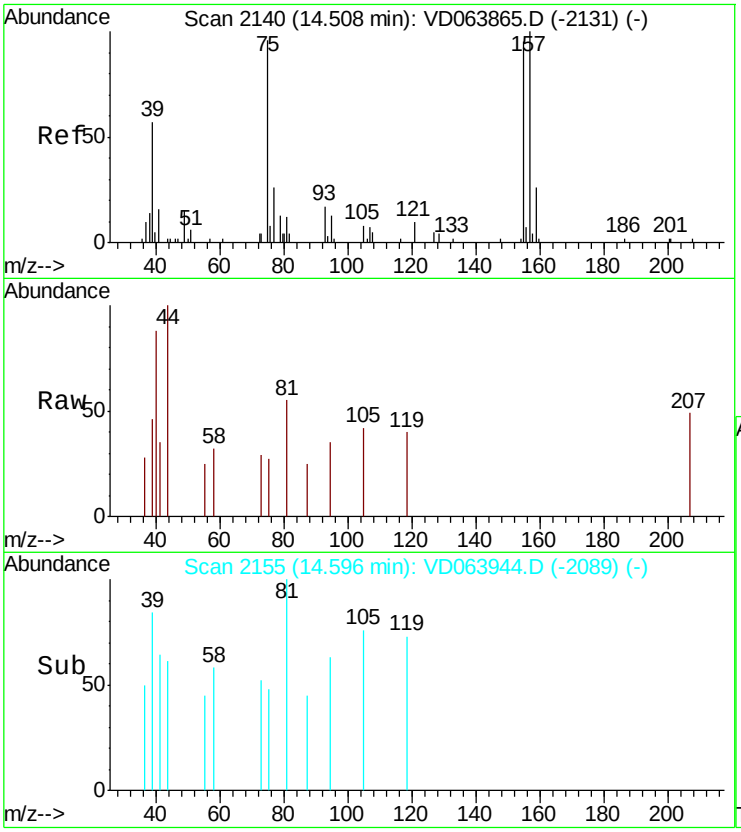


#91
1,2-Dichlorobenzene
Concen: 53.200 ug/l
RT: 13.68 min Scan# 2000
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:146 Resp: 88

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	55.6#
148	0.0	31.6	95.0#



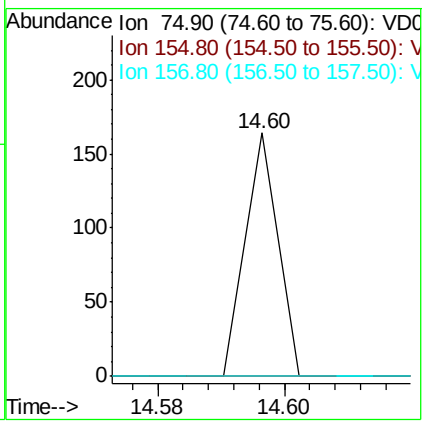


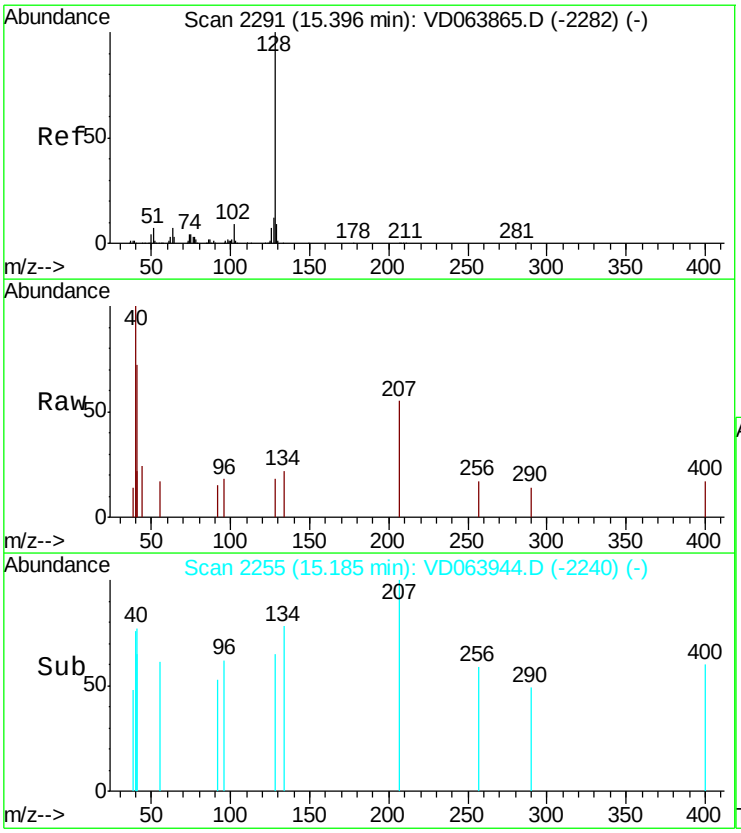
#92
1,2-Dibromo-3-Chloropropane
Concen: 576.050 ug/l
RT: 14.60 min Scan# 2155
Delta R.T. 0.09 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion: 75 Resp: 58

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

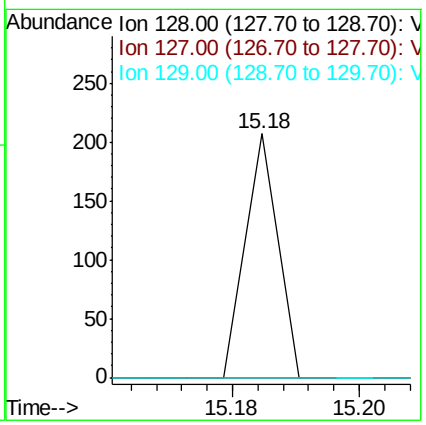


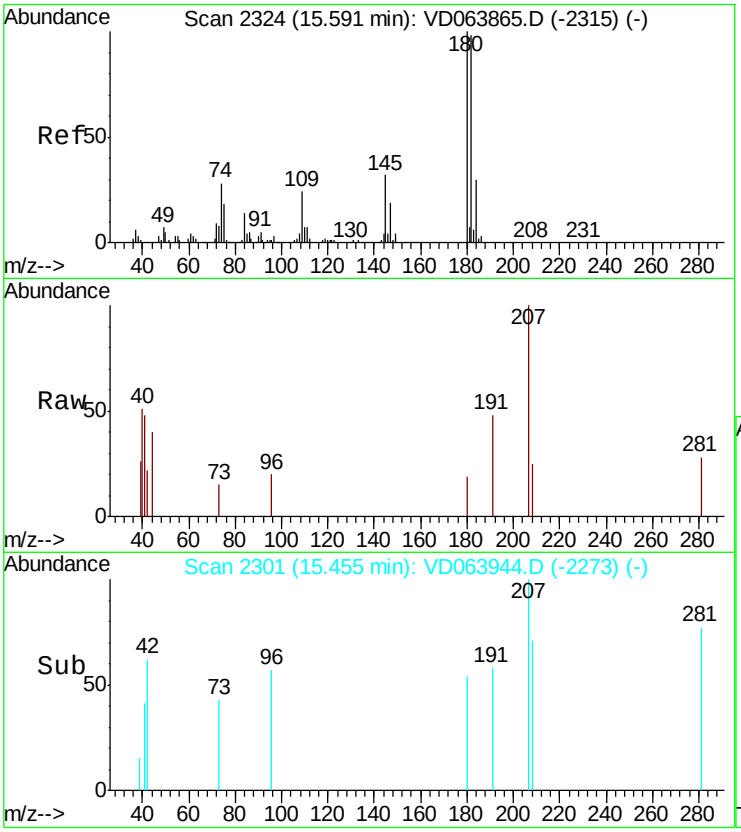


#95
Naphthalene
Concen: 34.029 ug/l
RT: 15.18 min Scan# 2255
Delta R.T. -0.21 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Tgt Ion:128 Resp: 73

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 61.750 ug/l
RT: 15.46 min Scan# 2301
Delta R.T. -0.14 min
Lab File: VD063944.D
Acq: 11 Oct 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
10-10-I

Tgt Ion:180 Resp: 68

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.0#
145	0.0	15.3	45.9#