Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101819\
Data File : VD064012.D
Acq On : 18 Oct 2019 15:53
Operator : VA/SY
Sample : K5448-01
Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 19 01:39:51 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	7.99	168	2149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	3033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	2475	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.58	152	546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	885	42.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.60%			
35) Dibromofluoromethane	7.91	113	1002	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.12%			
50) Toluene-d8	10.35	98	3280	43.60	ug/l	0.01
Spiked Amount 50.000			Recovery = 87.20%			
62) 4-Bromofluorobenzene	12.63	95	1097	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.11	85	63	4.134	ug/l #	47
3) Chloromethane	2.21	50	85	Below Cal #		40
4) Vinyl Chloride	2.37	62	81	1.644	ug/l #	43
5) Bromomethane	2.61	94	54	1.705	ug/l #	5
6) Chloroethane	2.91	64	63	1.934	ug/l #	46
8) Diethyl Ether	3.83	74	60	5.740	ug/l #	2
9) 1,1,2-Trichlorotrifluoroet	3.80	101	71	3.939	ug/l #	16
10) Methyl Iodide	4.47	142	54	2.174	ug/l #	40
11) Tert butyl alcohol	5.17	59	106	67.058	ug/l #	1
12) 1,1-Dichloroethene	4.09	96	62	3.442	ug/l #	1
13) Acrolein	3.89	56	56	29.968	ug/l #	17
14) Allyl chloride	4.71	41	327	10.921	ug/l #	44
15) Acrylonitrile	5.44	53	72	15.623	ug/l #	17
16) Acetone	4.16	43	63	11.566	ug/l #	42
17) Carbon Disulfide	4.36	76	103	1.573	ug/l #	79
18) Methyl Acetate	4.66	43	63	5.913	ug/l #	49
19) Methyl tert-butyl Ether	5.53	73	89	1.908	ug/l #	1
20) Methylene Chloride	5.09	84	174	4.457	ug/l #	7
21) trans-1,2-Dichloroethene	5.28	96	60	2.676	ug/l #	1
22) Diisopropyl ether	6.34	45	79	1.292	ug/l #	20
23) Vinyl Acetate	6.29	43	60	1.649	ug/l #	71
24) 1,1-Dichloroethane	6.39	63	53	1.407	ug/l #	82
25) 2-Butanone	7.31	43	209	32.376	ug/l #	51
26) 2,2-Dichloropropane	7.31	77	70	2.054	ug/l #	53
27) cis-1,2-Dichloroethene	6.95	96	58	2.285	ug/l #	1
28) Bromochloromethane	7.54	49	219	16.586	ug/l #	10
29) Tetrahydrofuran	7.59	42	146	38.748	ug/l #	31
30) Chloroform	7.71	83	54	1.320	ug/l #	20
31) Cyclohexane	8.04	56	69	Below Cal #		12
32) 1,1,1-Trichloroethane	7.79	97	53	1.510	ug/l #	26
36) 1,1-Dichloropropene	8.00	75	56	2.019	ug/l #	41
37) Ethyl Acetate	7.31	43	209	16.090	ug/l #	68
38) Carbon Tetrachloride	7.99	117	140	4.996	ug/l #	15
39) Methylcyclohexane	9.42	83	80	2.346	ug/l #	18

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101819\
Data File : VD064012.D
Acq On : 18 Oct 2019 15:53
Operator : VA/SY
Sample : K5448-01
Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 19 01:39:51 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)
41) Methacrylonitrile	7.53	41	55	8.554	ug/l	#	2
42) 1,2-Dichloroethane	8.46	62	86	3.741	ug/l	#	73
43) Isopropyl Acetate	8.47	43	60	2.580	ug/l	#	49
44) Trichloroethene	8.91	130	54	2.356	ug/l		6
45) 1,2-Dichloropropane	9.42	63	71	3.650	ug/l	#	41
46) Dibromomethane	9.38	93	58	5.236	ug/l	#	3
47) Bromodichloromethane	9.51	83	59	2.069	ug/l	#	26
48) Methyl methacrylate	9.47	41	70	6.282	ug/l	#	24
49) 1,4-Dioxane	9.19	88	55	363.727	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.22	43	62	5.140	ug/l	#	34
52) Toluene	10.41	92	61	1.118	ug/l	#	1
53) t-1,3-Dichloropropene	10.57	75	89	3.198	ug/l	#	46
54) cis-1,3-Dichloropropene	9.97	75	74	2.310	ug/l	#	33
55) 1,1,2-Trichloroethane	10.76	97	56	3.580	ug/l	#	14
56) Ethyl methacrylate	10.87	69	329	16.610	ug/l	#	46
58) 2-Chloroethyl Vinyl ether	10.03	63	65	7.634	ug/l	#	44
59) 2-Hexanone	11.06	43	245	28.081	ug/l		92
65) Chlorobenzene	11.70	112	64	1.288	ug/l	#	43
66) 1,1,1,2-Tetrachloroethane	11.88	131	57	3.112	ug/l	#	8
69) o-Xylene	12.36	106	64	1.932	ug/l	#	1
73) Isopropylbenzene	12.59	105	71	1.934	ug/l	#	48
74) N-amyl acetate	12.30	43	84	10.629	ug/l	#	1
76) 1,2,3-Trichloropropane	12.77	75	199	54.417	ug/l	#	100
77) Bromobenzene	12.67	156	54	5.905	ug/l	#	1
78) n-propylbenzene	13.02	91	64	1.485	ug/l	#	51
79) 2-Chlorotoluene	13.02	91	64	2.694	ug/l	#	7
80) 1,3,5-Trimethylbenzene	12.79	105	148	4.833	ug/l		74
81) trans-1,4-Dichloro-2-buten	12.63	75	453	219.206	ug/l	#	12
82) 4-Chlorotoluene	13.02	91	64	2.540	ug/l	#	8
83) tert-Butylbenzene	13.15	119	170	6.238	ug/l	#	29
84) 1,2,4-Trimethylbenzene	13.39	105	118	3.738	ug/l	#	29
85) sec-Butylbenzene	13.39	105	118	3.206	ug/l	#	55
86) p-Isopropyltoluene	13.67	119	140	4.020	ug/l	#	50
87) 1,3-Dichlorobenzene	13.51	146	58	3.210	ug/l	#	26
88) 1,4-Dichlorobenzene	13.51	146	58	3.254	ug/l	#	25
89) n-Butylbenzene	13.79	91	57	1.758	ug/l	#	32
92) 1,2-Dibromo-3-Chloropropan	14.64	75	115	119.289	ug/l	#	1
94) Hexachlorobutadiene	15.04	225	56	8.446	ug/l	#	20
95) Naphthalene	15.53	128	56	2.773	ug/l	#	69

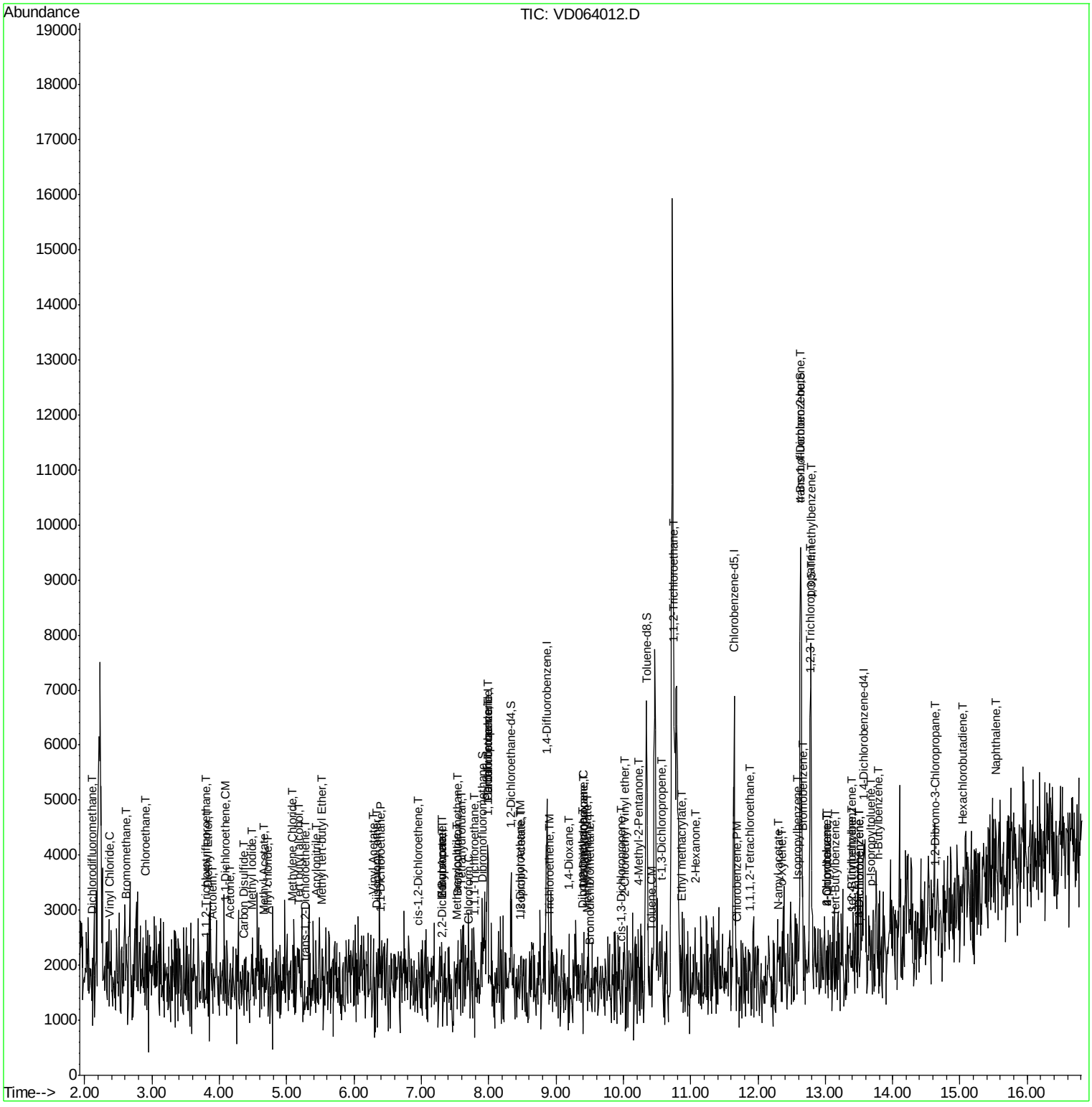
(#) = qualifier out of range (m) = manual integration (+) = signals summed

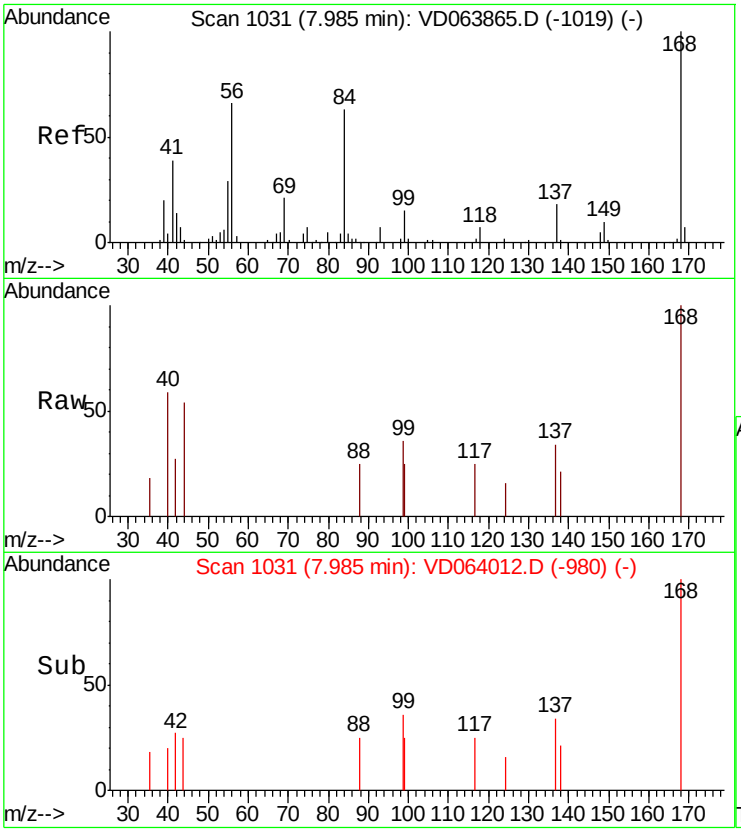
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101819\
Data File : VD064012.D
Acq On : 18 Oct 2019 15:53
Operator : VA/SY
Sample : K5448-01
Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Oct 19 01:39:51 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



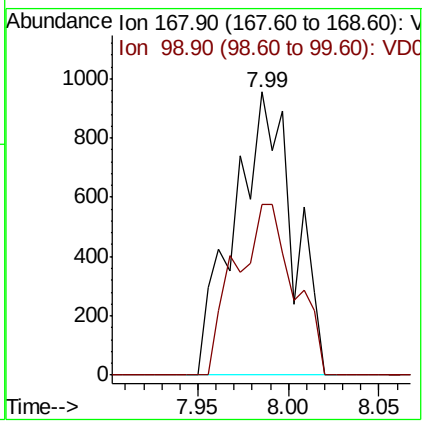


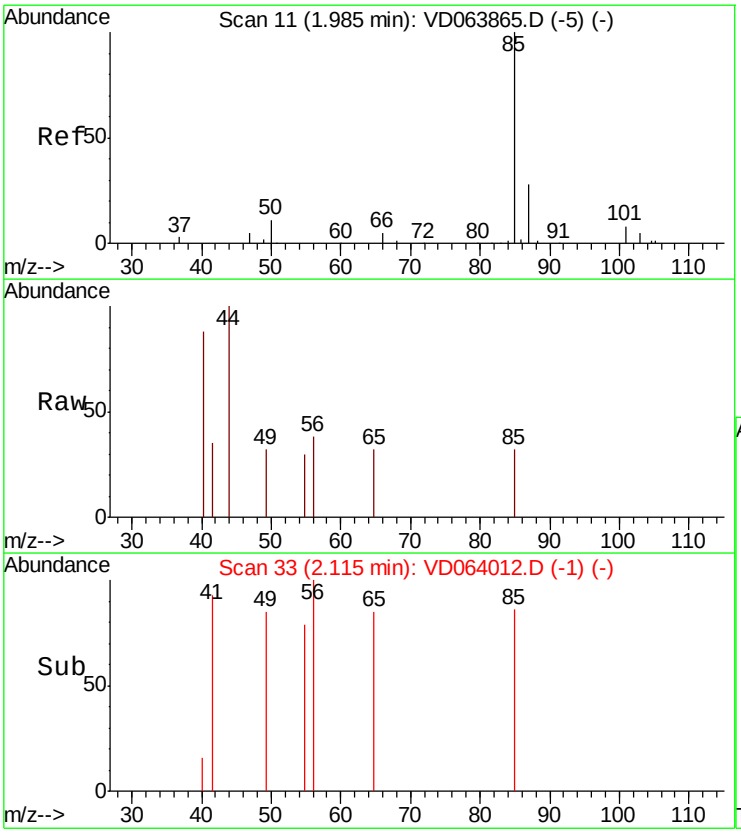
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 2149

Ion	Ratio	Lower	Upper
168	100		
99	60.4	43.0	64.4

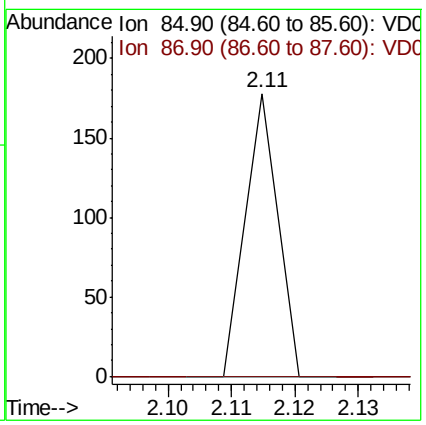


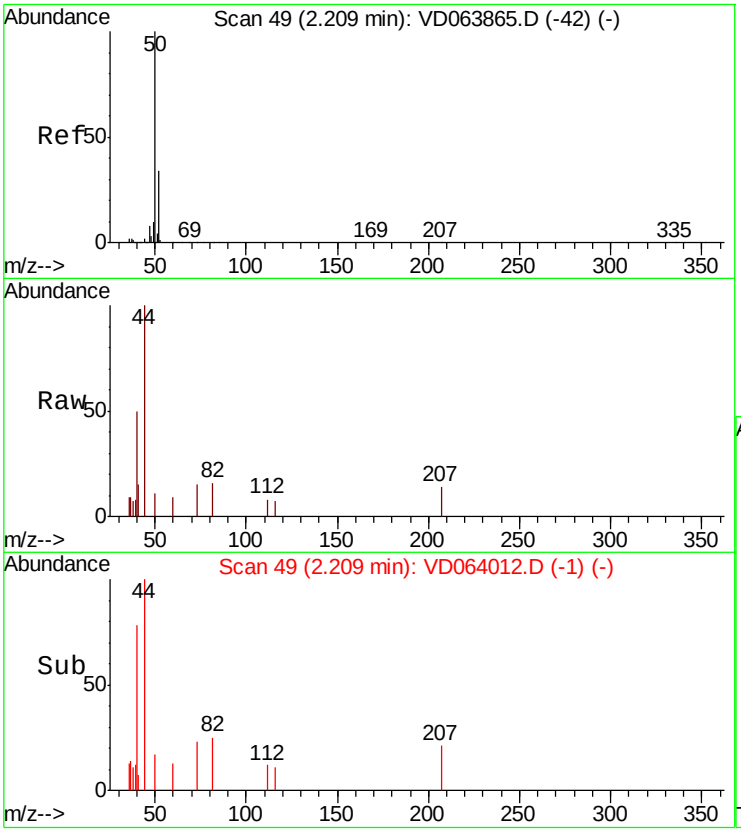


#2
Dichlorodifluoromethane
Concen: 4.134 ug/l
RT: 2.11 min Scan# 33
Delta R.T. 0.13 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 85 Resp: 63

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.0	42.0#



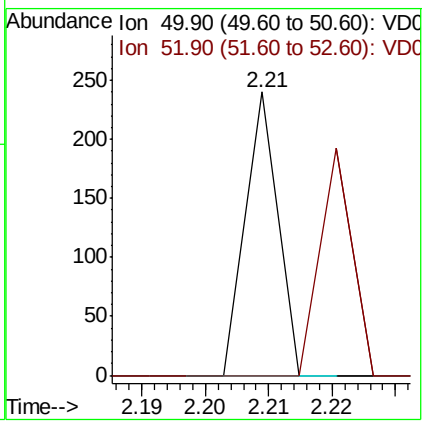


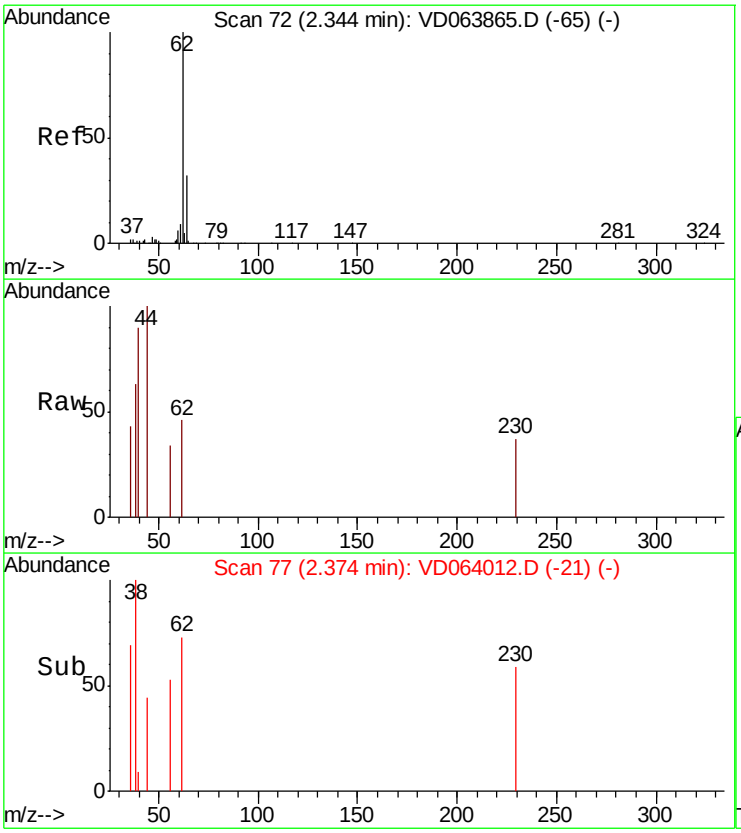
#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 85

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.5	41.3#

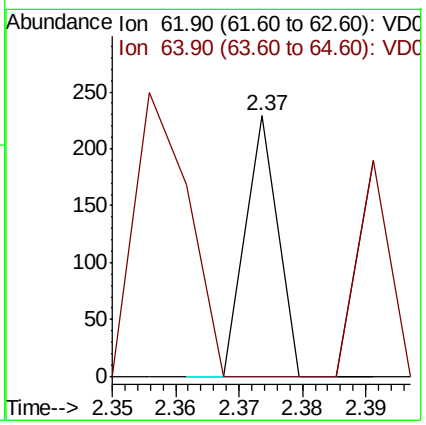


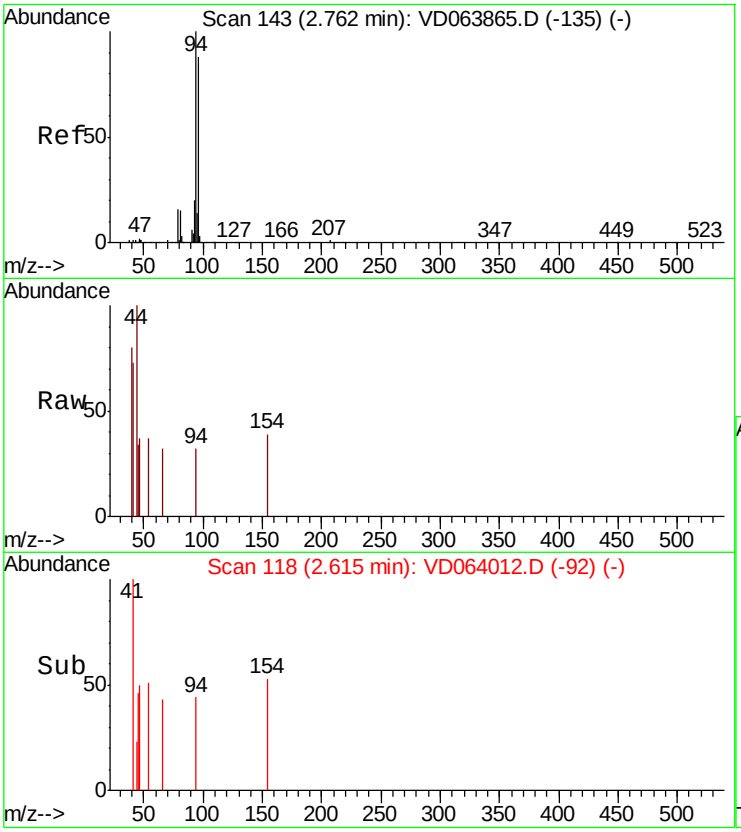


#4
Vinyl Chloride
Concen: 1.644 ug/l
RT: 2.37 min Scan# 77
Delta R.T. 0.03 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 62 Resp: 81

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.4	38.0#



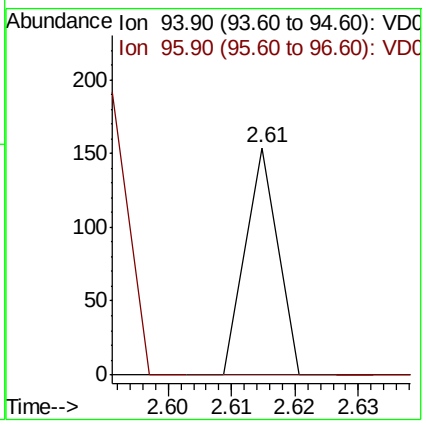


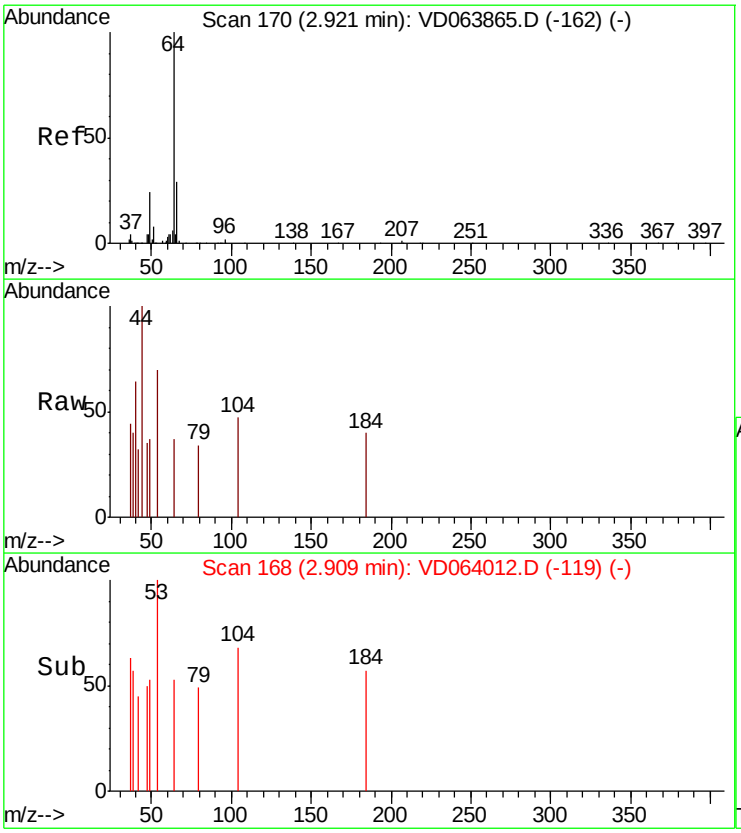
#5
Bromomethane
Concen: 1.705 ug/l
RT: 2.61 min Scan# 118
Delta R.T. -0.15 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 54

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.8	106.2#

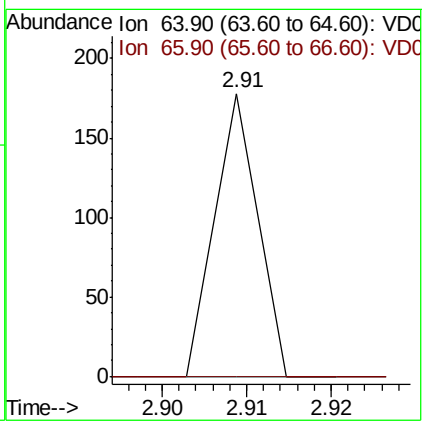


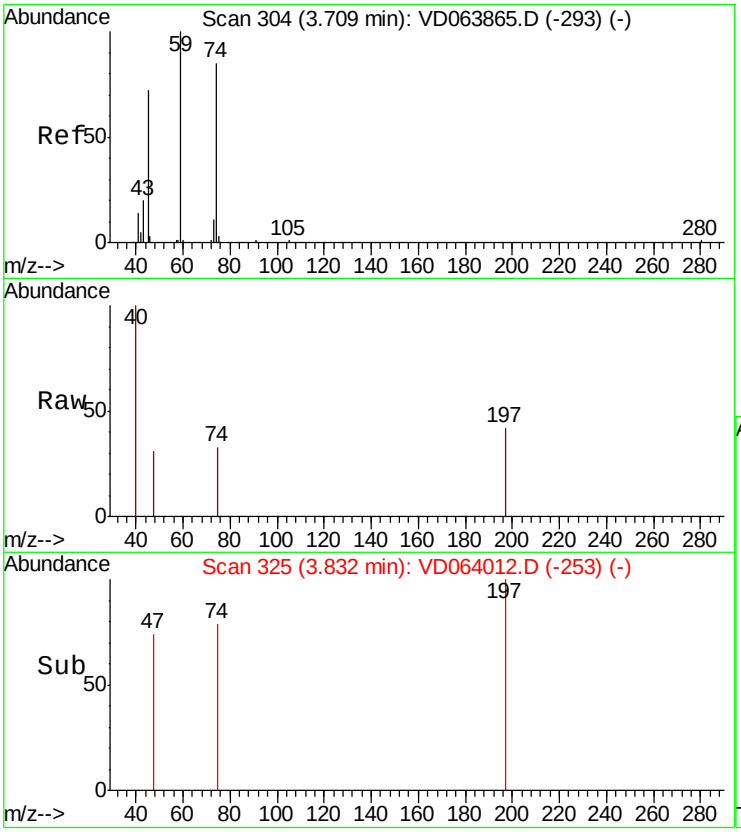


#6
Chloroethane
Concen: 1.934 ug/l
RT: 2.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 64 Resp: 63

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.0	34.4#



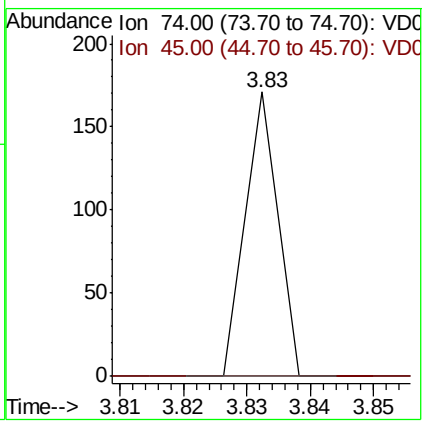


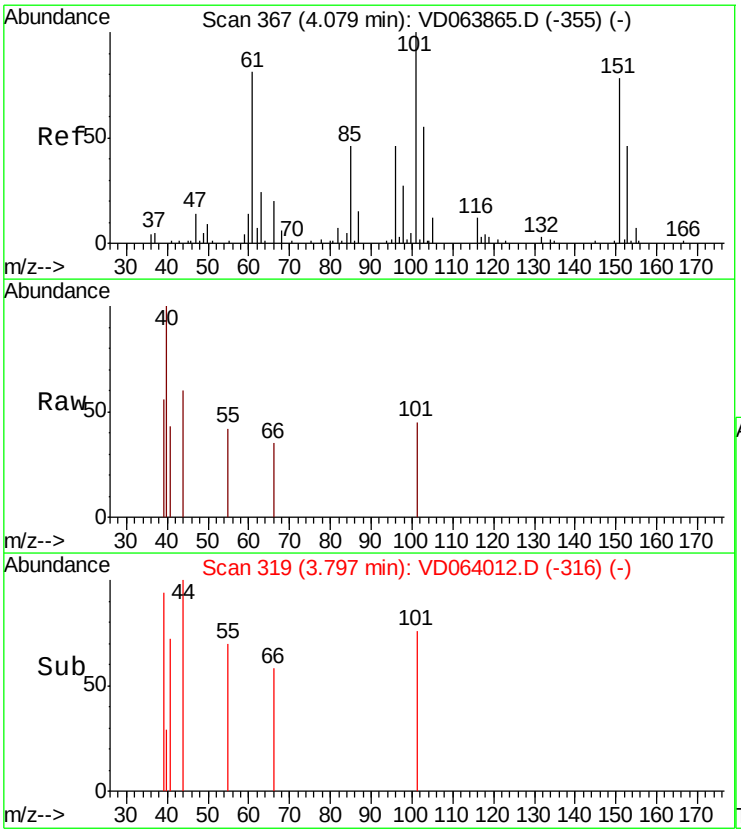
#8
Diethyl Ether
Concen: 5.740 ug/l
RT: 3.83 min Scan# 325
Delta R.T. 0.12 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 60

Ion	Ratio	Lower	Upper
74	100		
45	0.0	48.1	144.4#

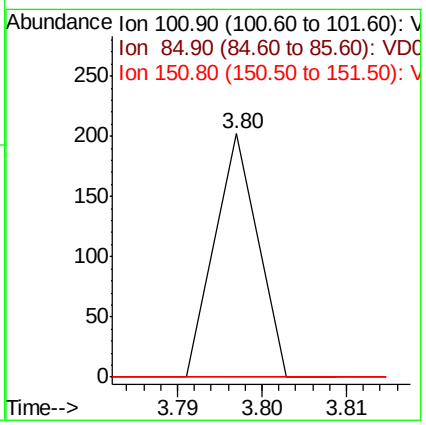


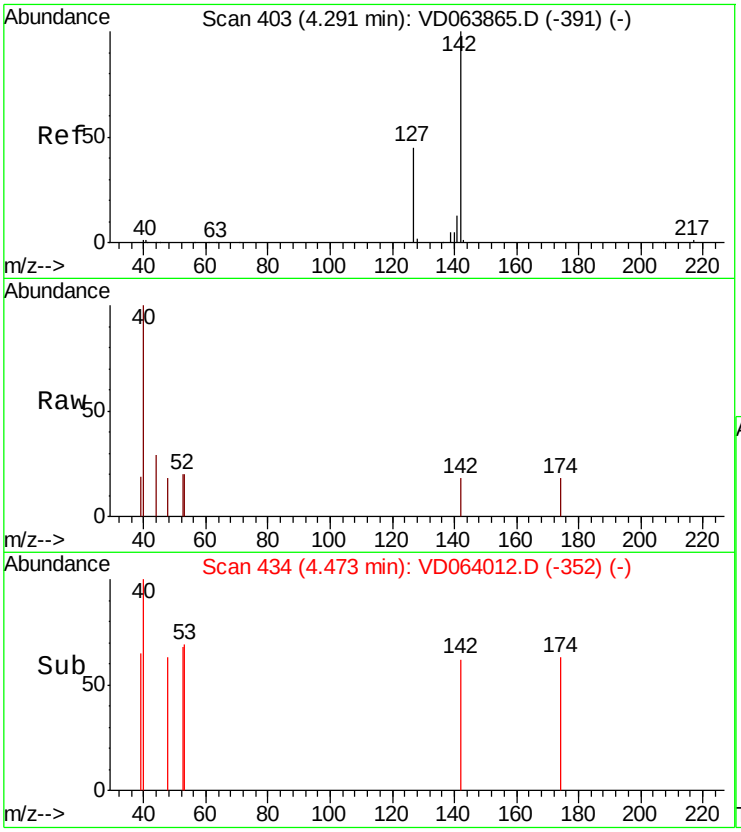


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.939 ug/l
RT: 3.80 min Scan# 319
Delta R.T. -0.28 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:101 Resp: 71

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



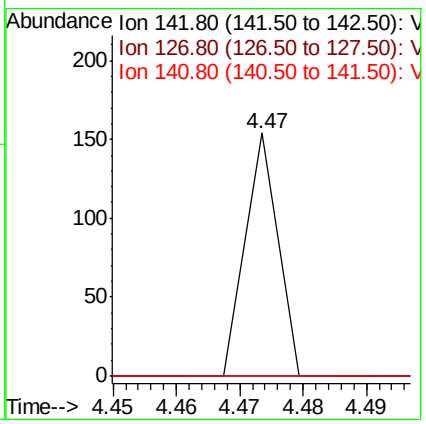


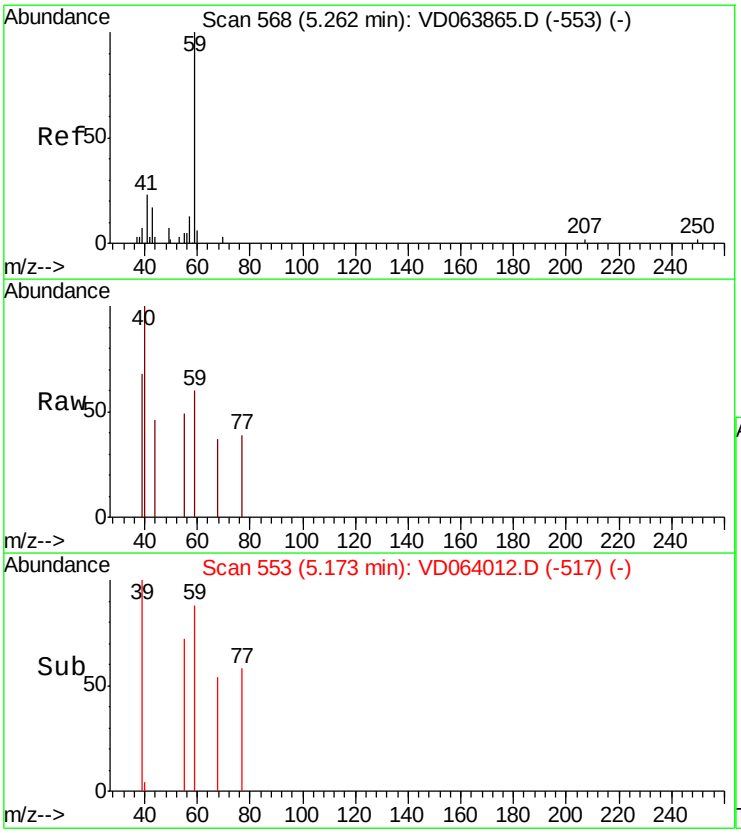
#10
Methyl Iodide
Concen: 2.174 ug/l
RT: 4.47 min Scan# 434
Delta R.T. 0.18 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 54

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.3	52.9#
141	0.0	12.2	18.2#

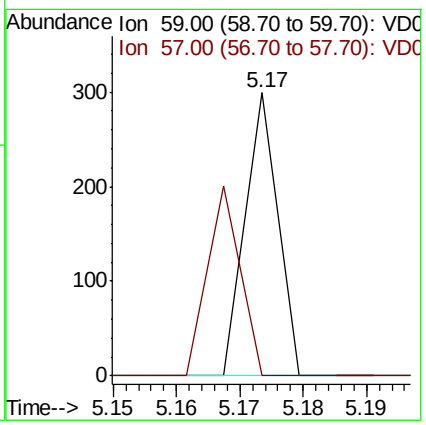


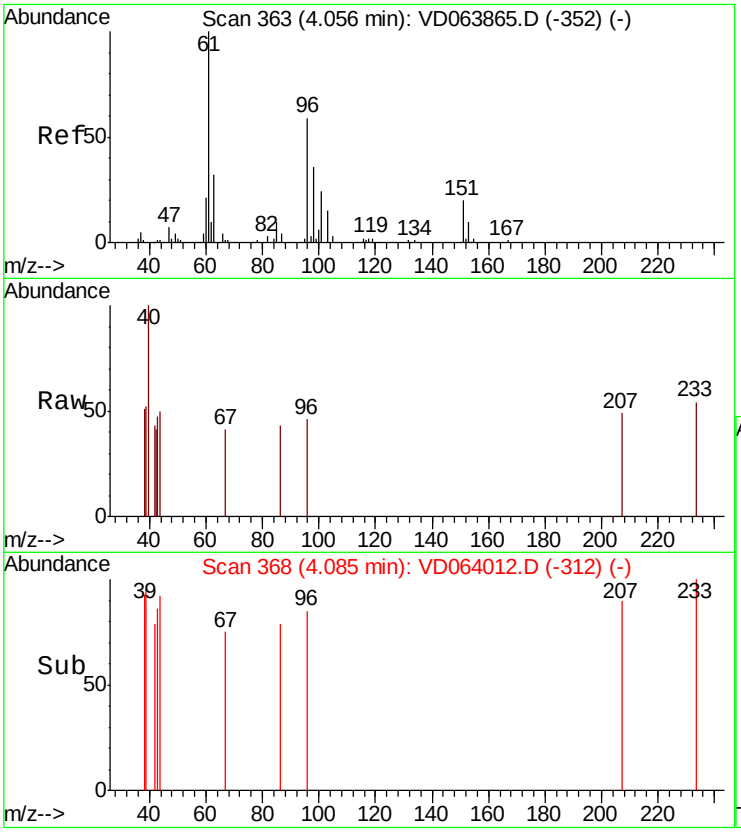


#11
Tert butyl alcohol
Concen: 67.058 ug/l
RT: 5.17 min Scan# 553
Delta R.T. -0.09 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 59 Resp: 106

Ion	Ratio	Lower	Upper
59	100		
57	67.0	8.8	13.2#



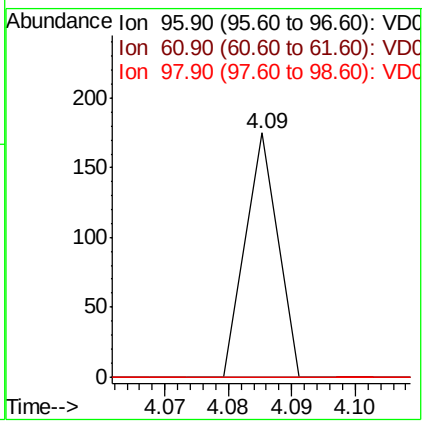


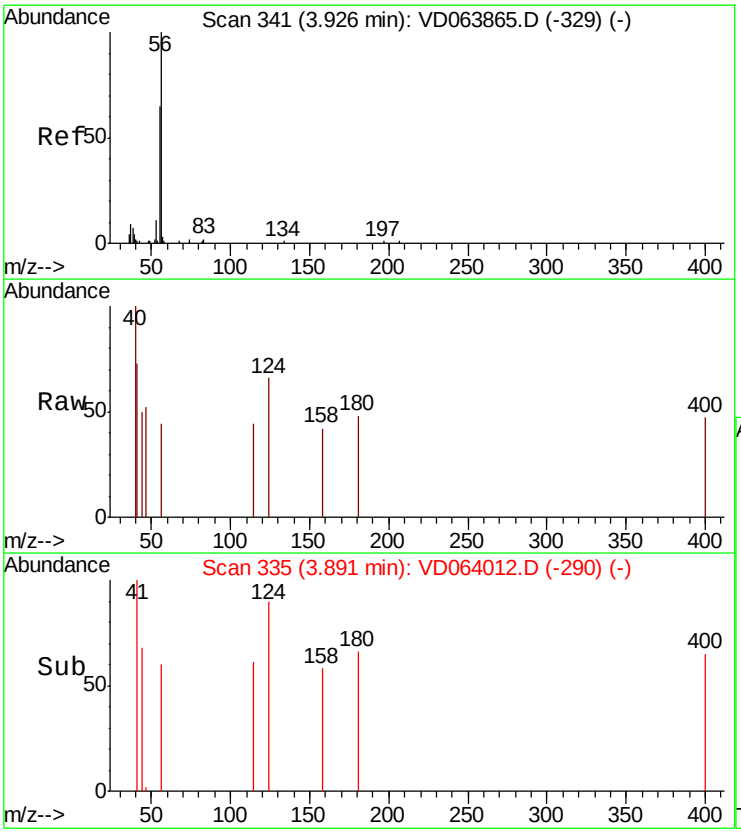
#12
1,1-Dichloroethene
Concen: 3.442 ug/l
RT: 4.09 min Scan# 368
Delta R.T. 0.03 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 62

Ion	Ratio	Lower	Upper
96	100		
61	0.0	135.6	203.4#
98	0.0	49.2	73.8#

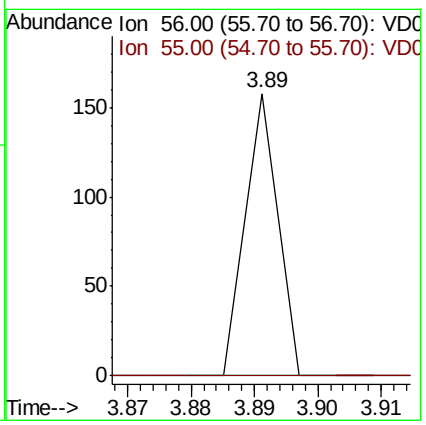


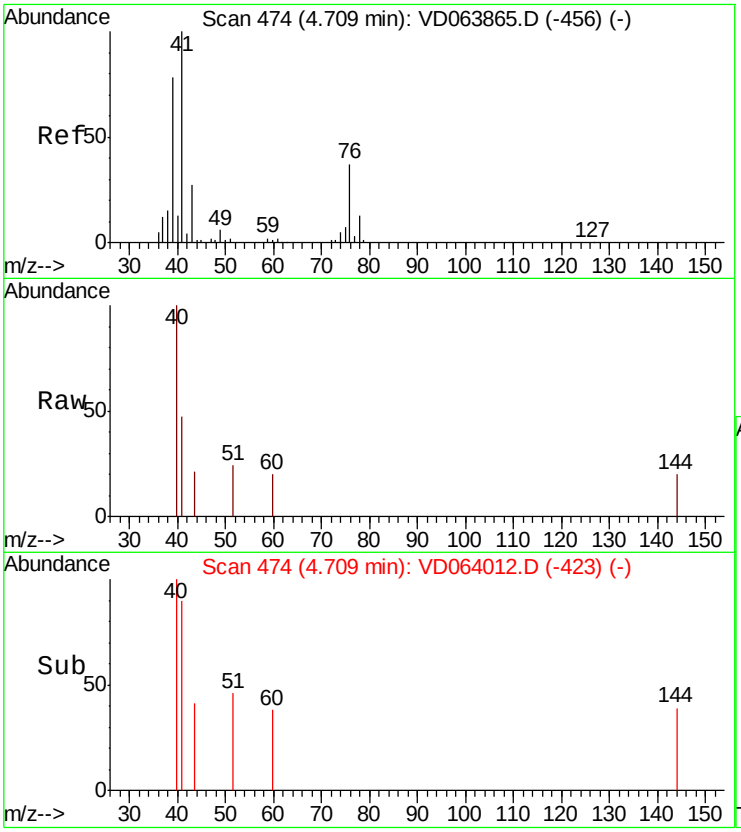


#13
Acrolein
Concen: 29.968 ug/l
RT: 3.89 min Scan# 335
Delta R.T. -0.04 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 56 Resp: 56

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.6#



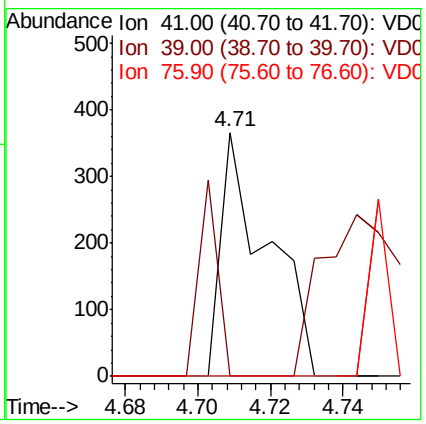


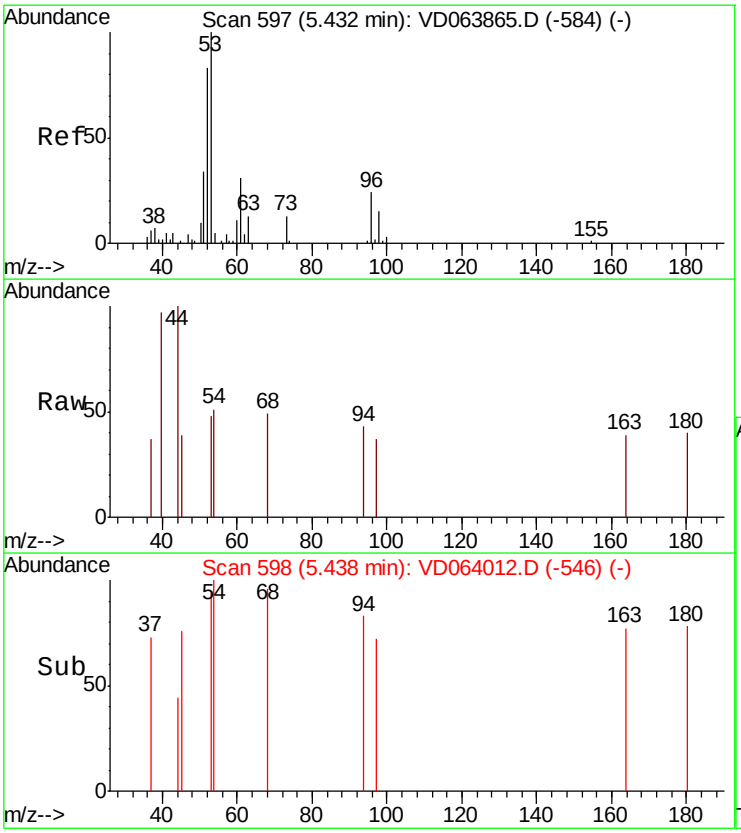
#14
Allyl chloride
Concen: 10.921 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 327

Ion	Ratio	Lower	Upper
41	100		
39	31.8	61.8	92.6#
76	0.0	31.3	46.9#

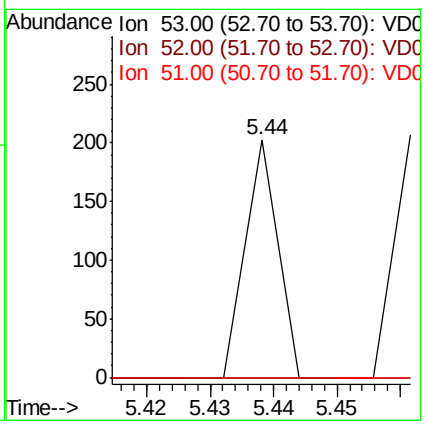


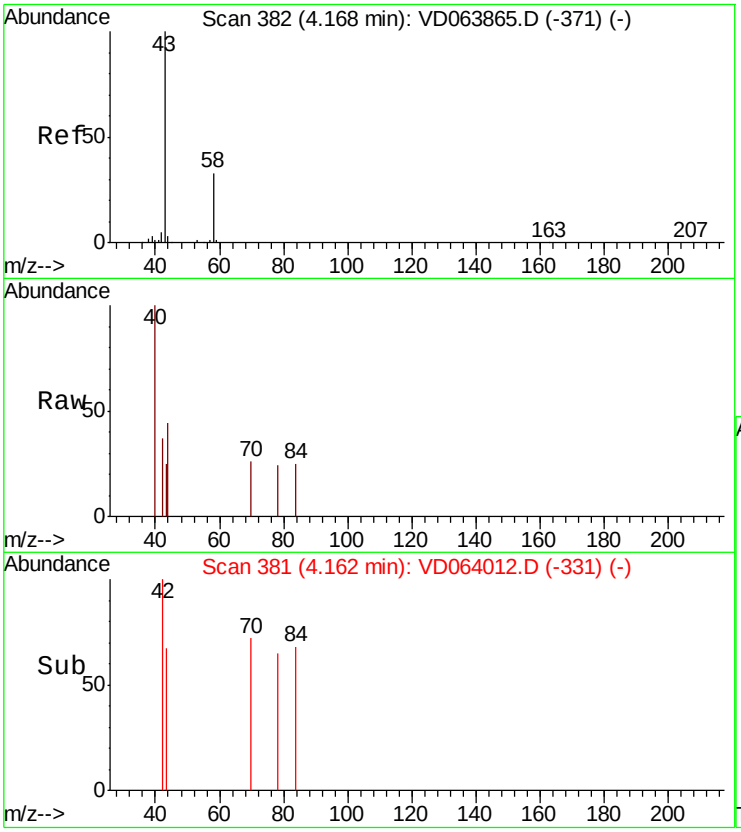


#15
Acrylonitrile
Concen: 15.623 ug/l
RT: 5.44 min Scan# 598
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 53 Resp: 72

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



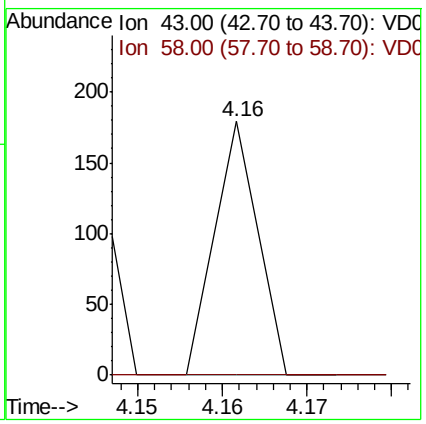


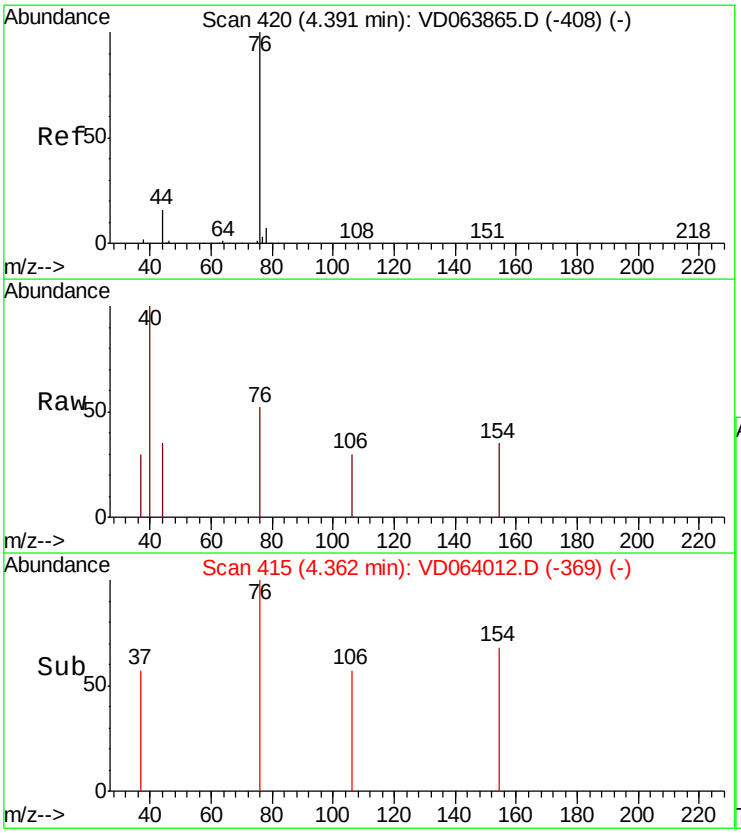
#16
Acetone
Concen: 11.566 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	39.4#

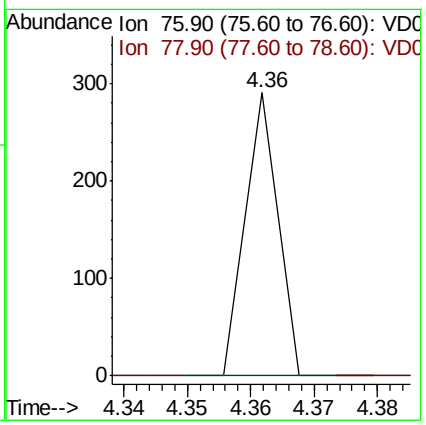


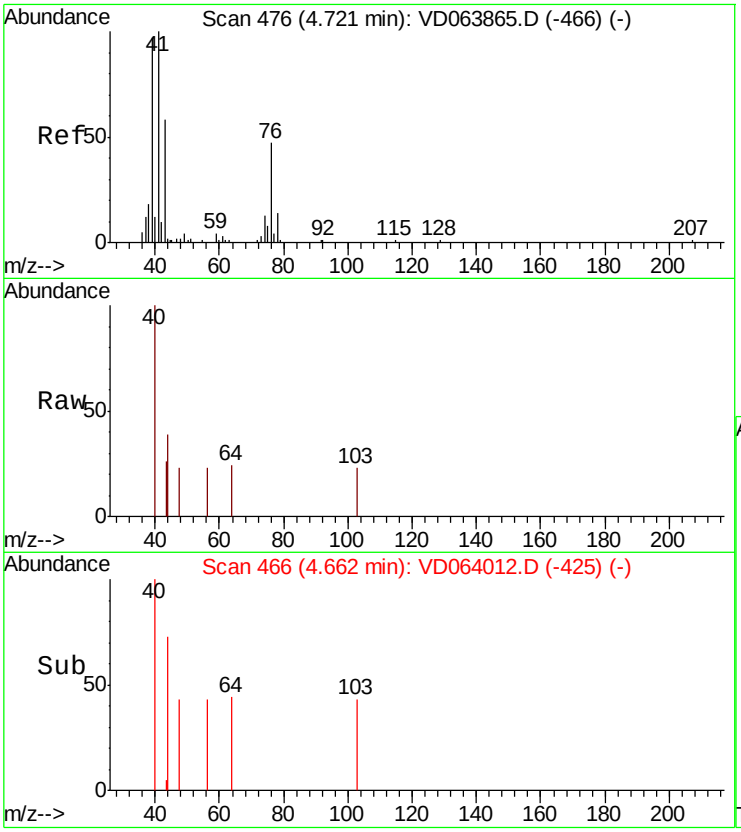


#17
Carbon Disulfide
Concen: 1.573 ug/l
RT: 4.36 min Scan# 415
Delta R.T. -0.03 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 76 Resp: 103

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.8	8.8#



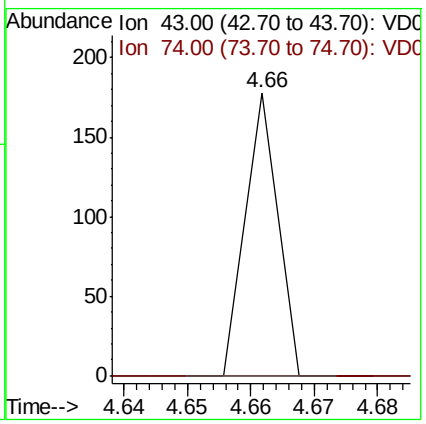


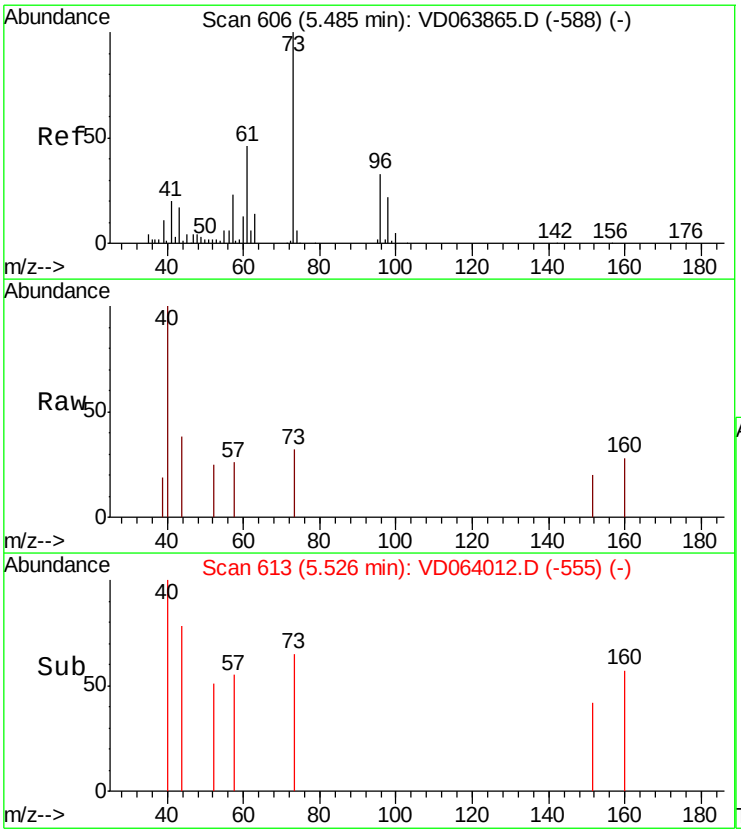
#18
Methyl Acetate
Concen: 5.913 ug/l
RT: 4.66 min Scan# 466
Delta R.T. -0.06 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#

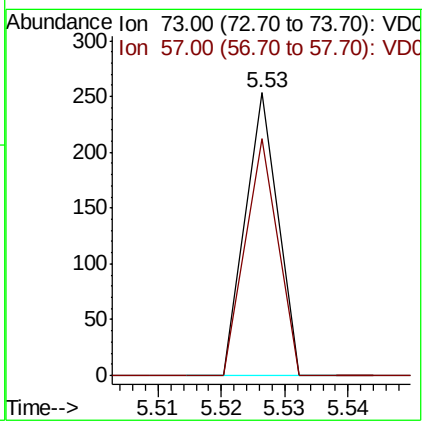


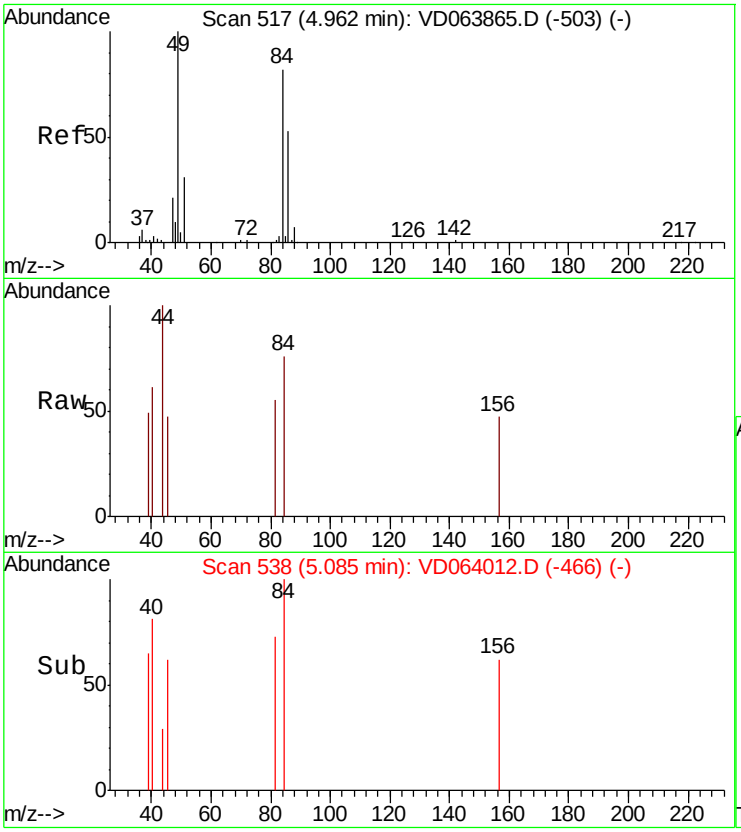


#19
Methyl tert-butyl Ether
Concen: 1.908 ug/l
RT: 5.53 min Scan# 613
Delta R.T. 0.04 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 73 Resp: 89

Ion	Ratio	Lower	Upper
73	100		
57	83.8	18.1	27.1#



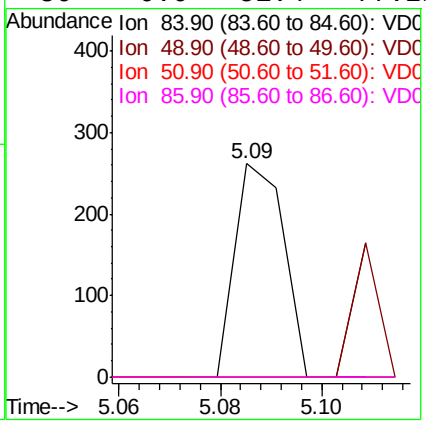


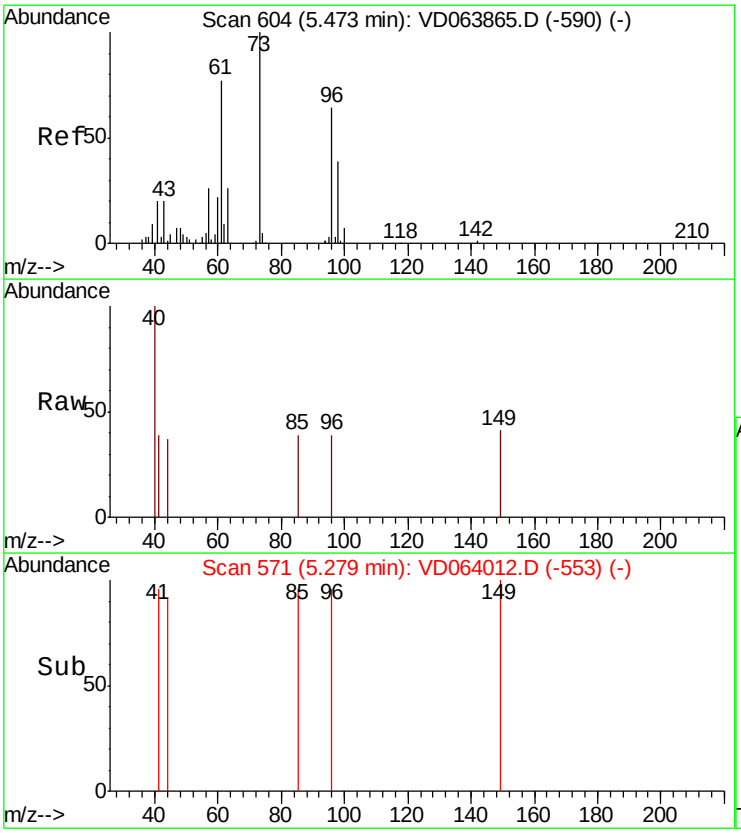
#20
Methylene Chloride
Concen: 4.457 ug/l
RT: 5.09 min Scan# 538
Delta R.T. 0.12 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 174

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#

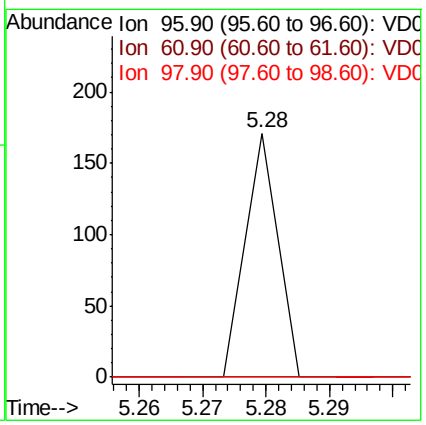


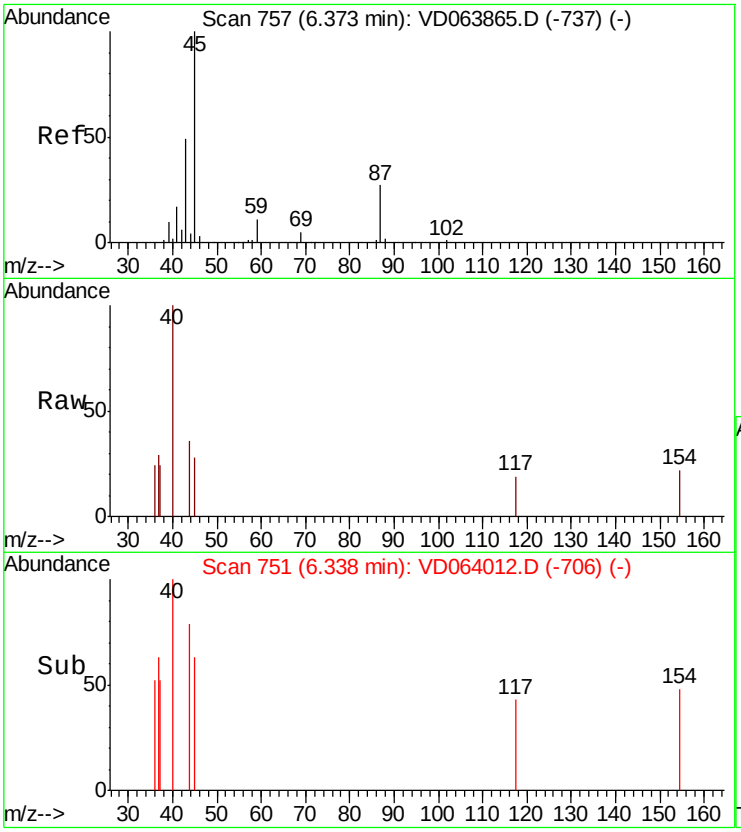


#21
trans-1,2-Dichloroethene
Concen: 2.676 ug/l
RT: 5.28 min Scan# 571
Delta R.T. -0.19 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 96 Resp: 60

Ion	Ratio	Lower	Upper
96	100		
61	0.0	96.6	145.0#
98	0.0	48.7	73.1#



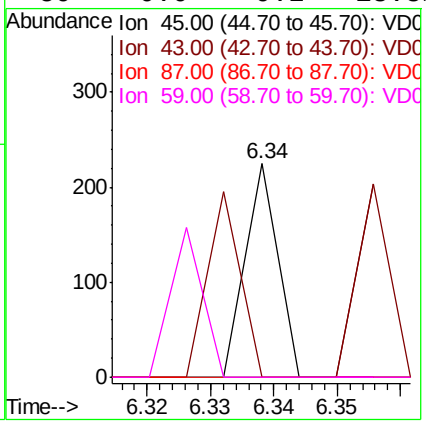


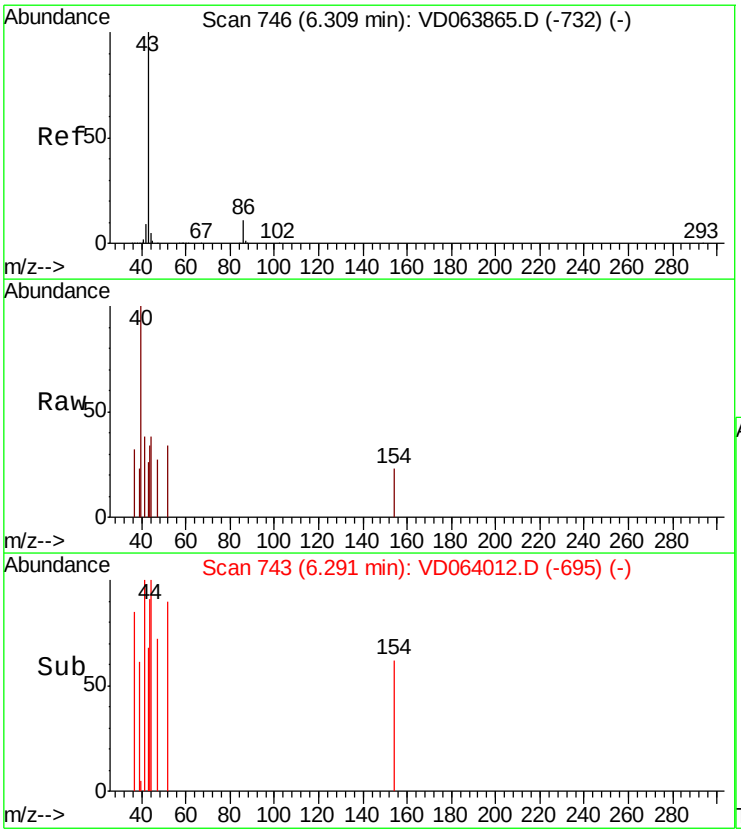
#22
Diisopropyl ether
Concen: 1.292 ug/l
RT: 6.34 min Scan# 751
Delta R.T. -0.04 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 45 Resp: 79

Ion	Ratio	Lower	Upper
45	100		
43	125.8	41.2	61.8#
87	0.0	22.2	33.4#
59	0.0	9.2	13.8#

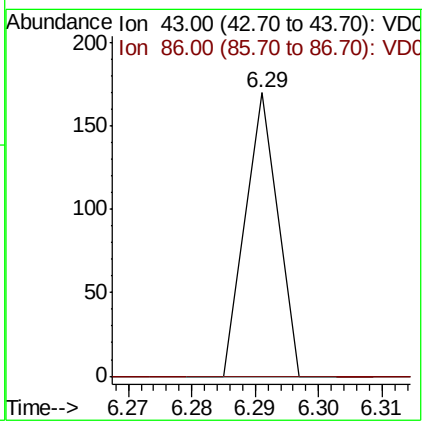


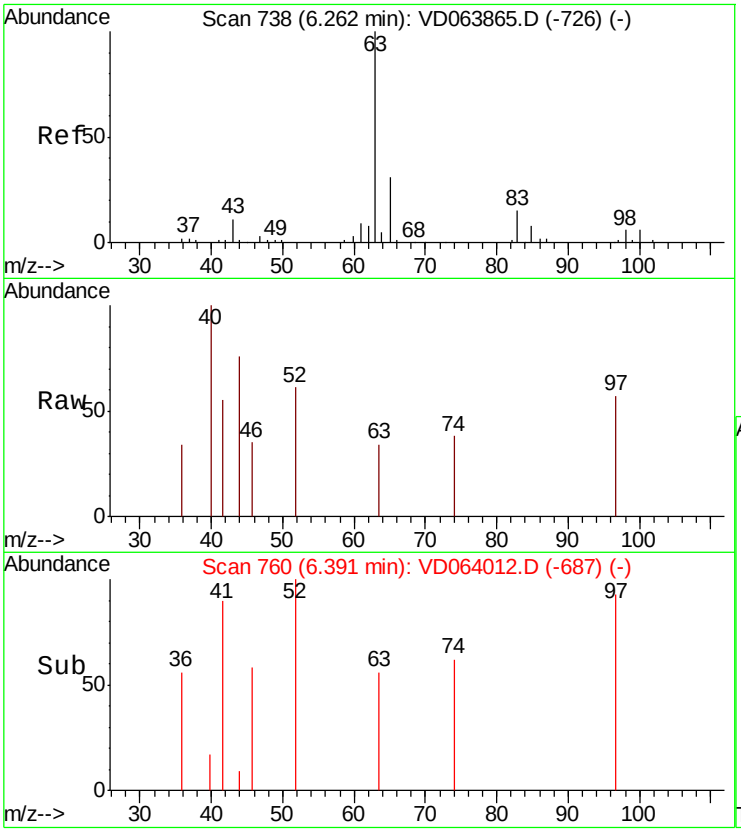


#23
Vinyl Acetate
Concen: 1.649 ug/l
RT: 6.29 min Scan# 743
Delta R.T. -0.02 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#



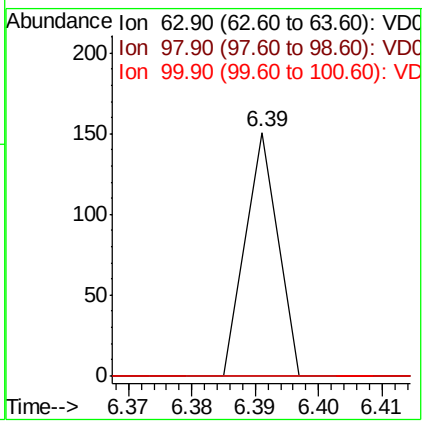


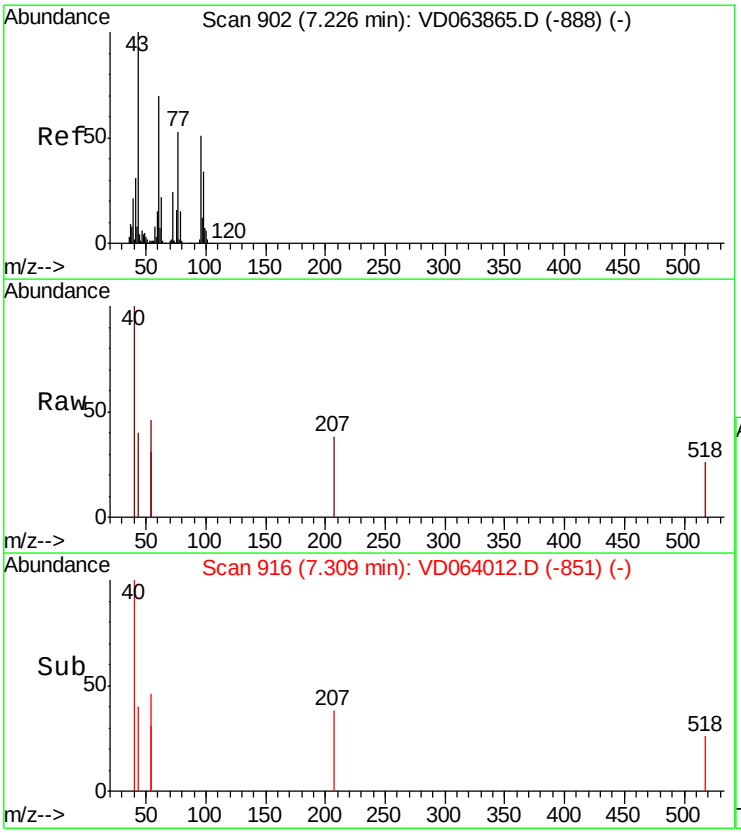
#24
1,1-Dichloroethane
Concen: 1.407 ug/l
RT: 6.39 min Scan# 760
Delta R.T. 0.13 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 53

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

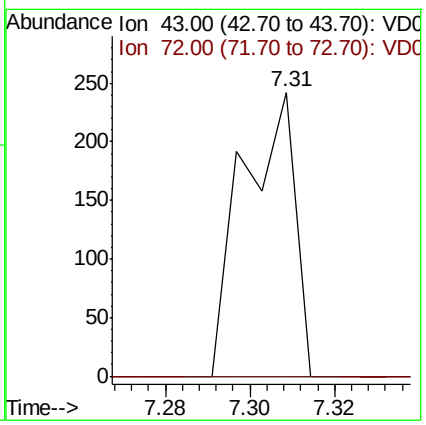


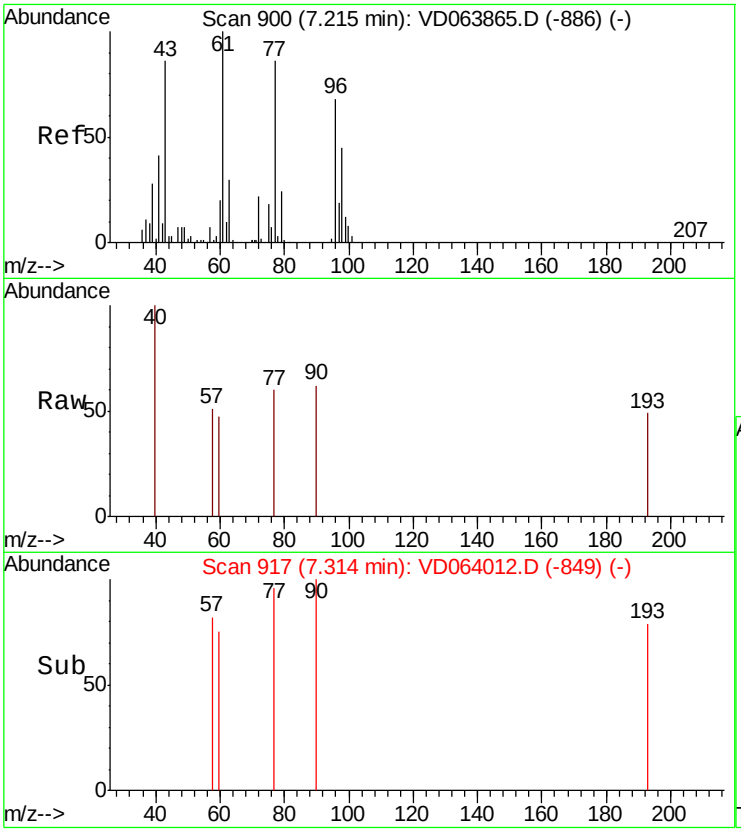


#25
2-Butanone
Concen: 32.376 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.08 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 43 Resp: 209

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



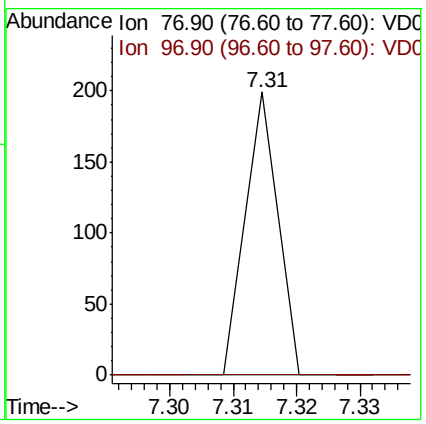


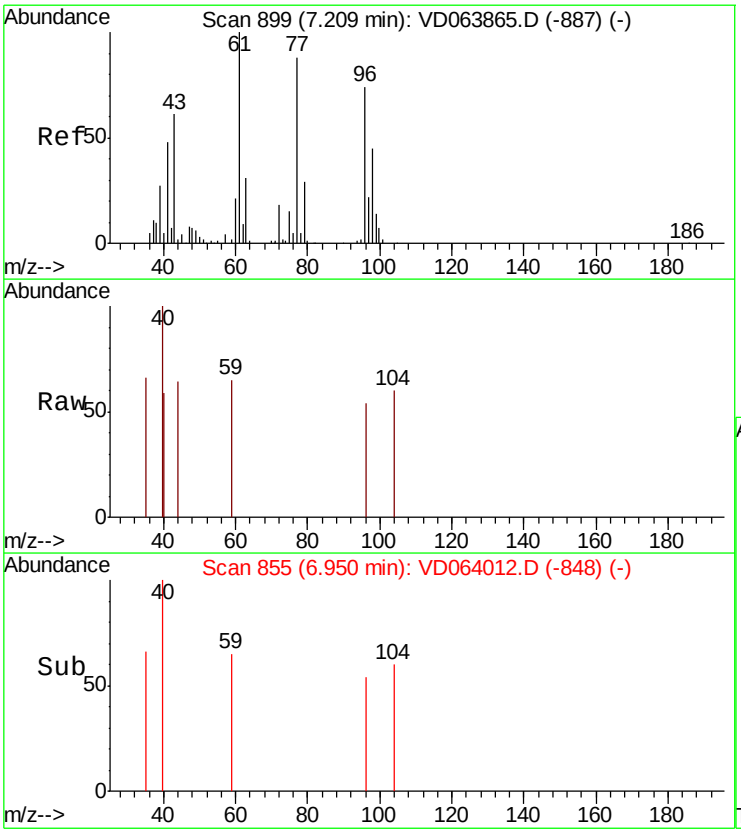
#26
2,2-Dichloropropane
Concen: 2.054 ug/l
RT: 7.31 min Scan# 917
Delta R.T. 0.10 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 77 Resp: 70

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.1#

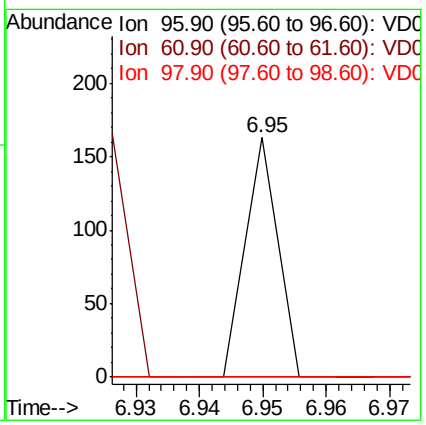


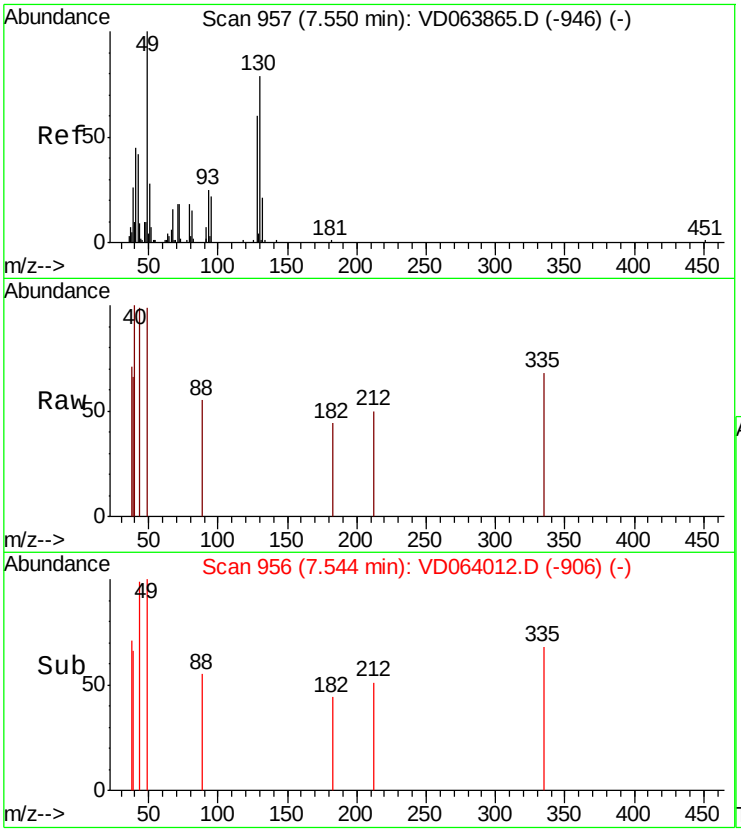


#27
cis-1,2-Dichloroethene
Concen: 2.285 ug/l
RT: 6.95 min Scan# 855
Delta R.T. -0.26 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 96 Resp: 58

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	280.0
98	0.0	0.0	130.4



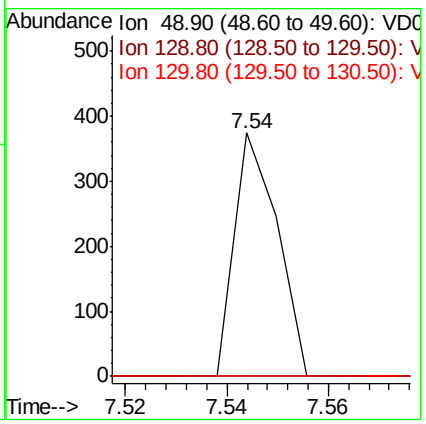


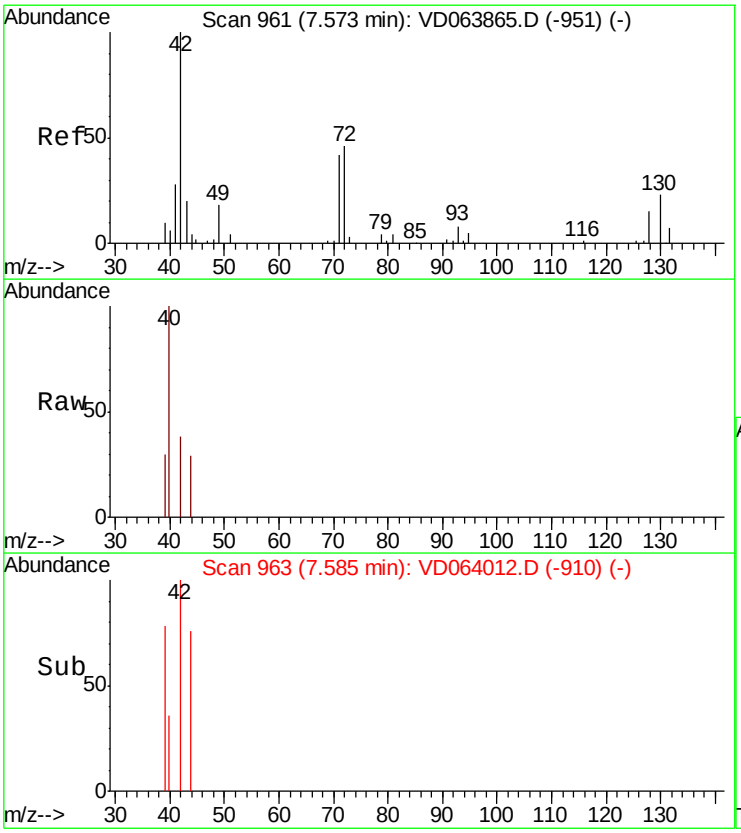
#28
Bromochloromethane
Concen: 16.586 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 49 Resp: 219

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

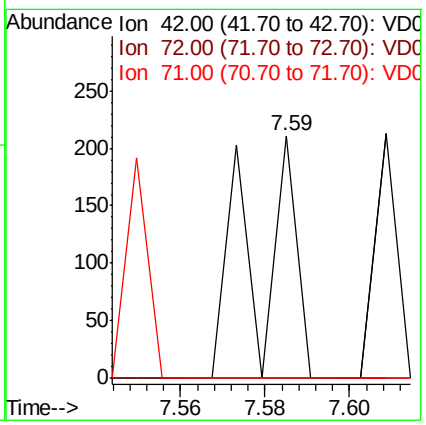


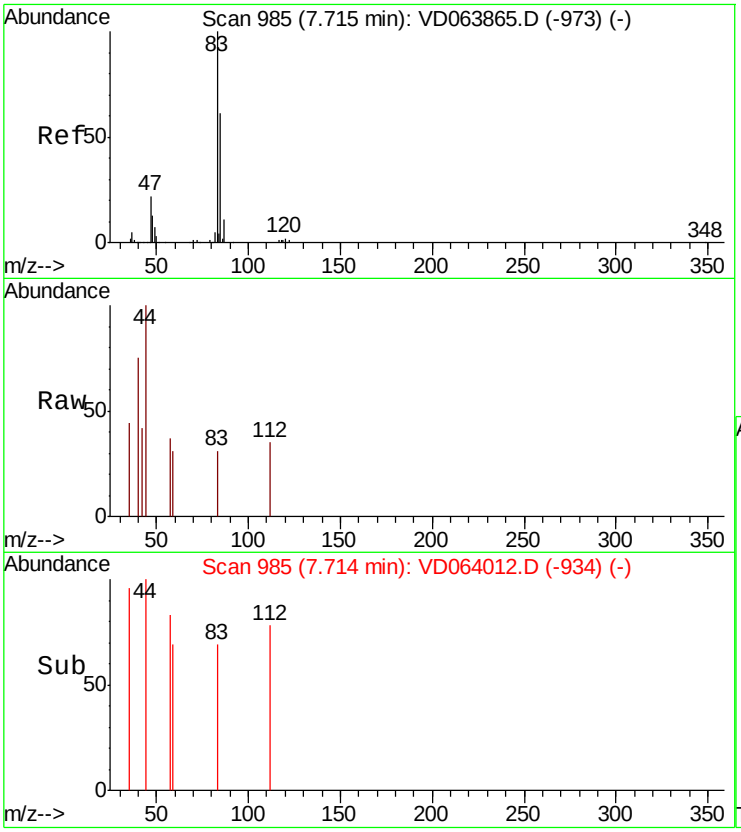


#29
Tetrahydrofuran
Concen: 38.748 ug/l
RT: 7.59 min Scan# 963
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 42 Resp: 146

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



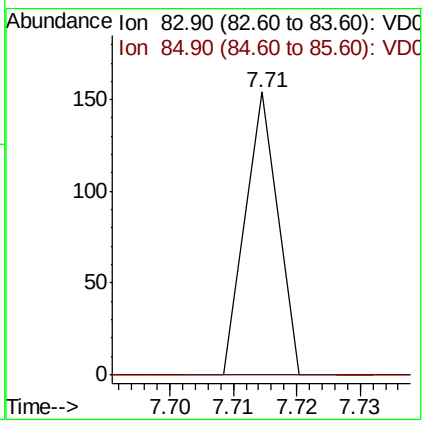


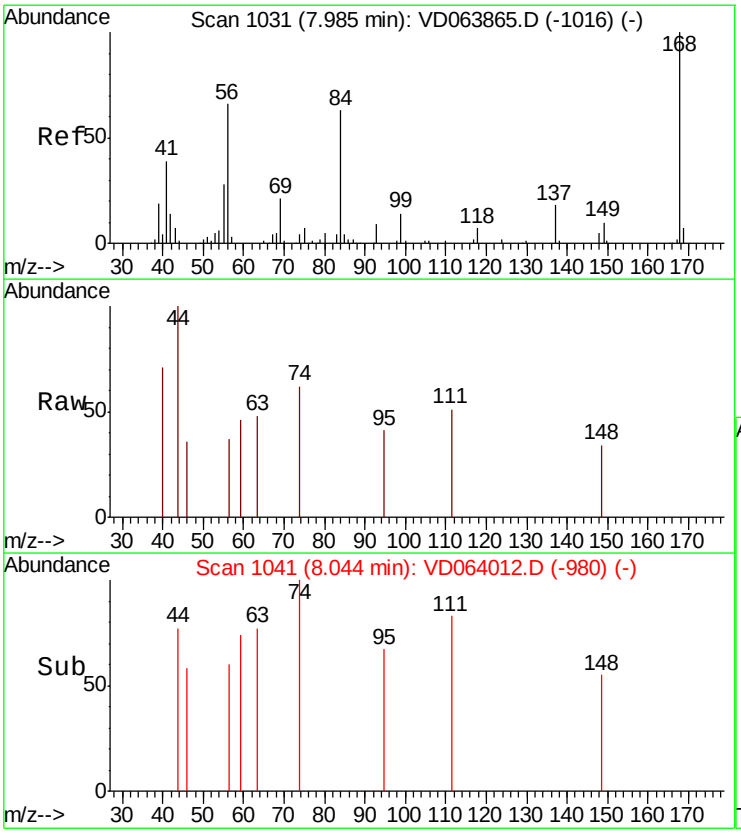
#30
Chloroform
Concen: 1.320 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 54

Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.9	73.3#

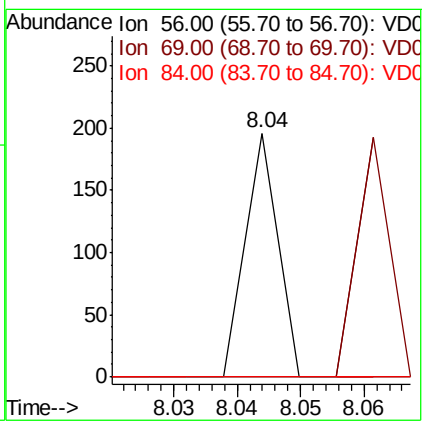


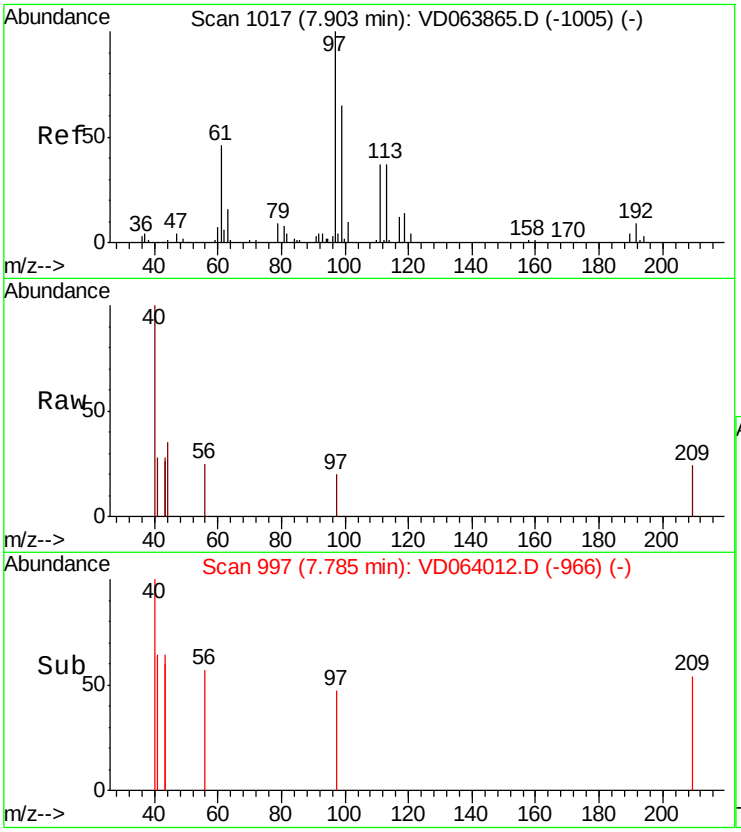


#31
Cyclohexane
Concen: Below Cal
RT: 8.04 min Scan# 1041
Delta R.T. 0.06 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 56 Resp: 69

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



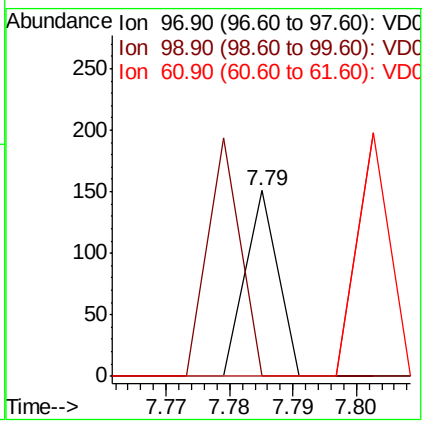


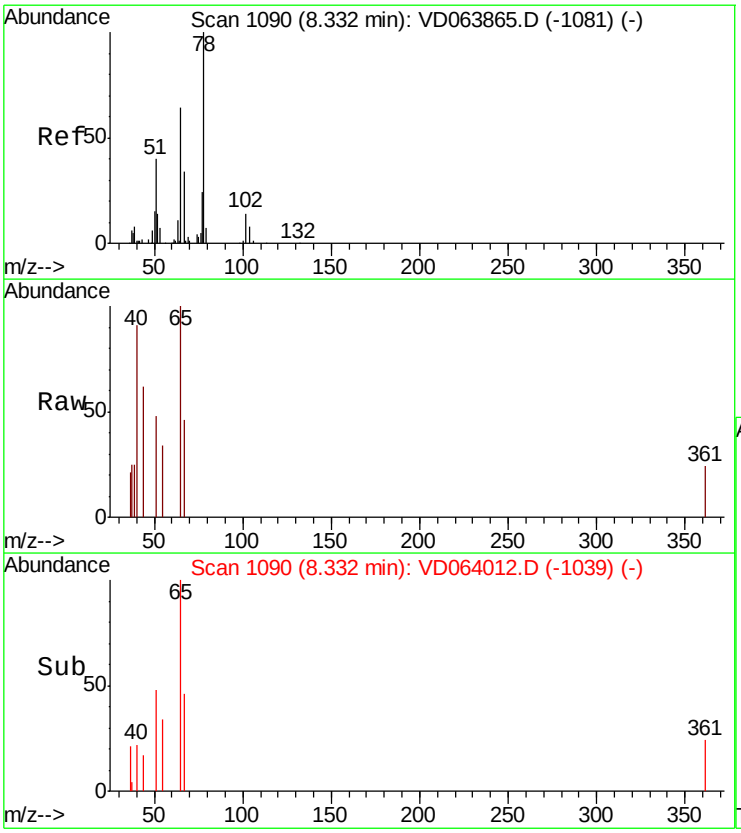
#32
1,1,1-Trichloroethane
Concen: 1.510 ug/l
RT: 7.79 min Scan# 997
Delta R.T. -0.12 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 53

Ion	Ratio	Lower	Upper
97	100		
99	128.3	52.4	78.6#
61	0.0	33.8	50.8#

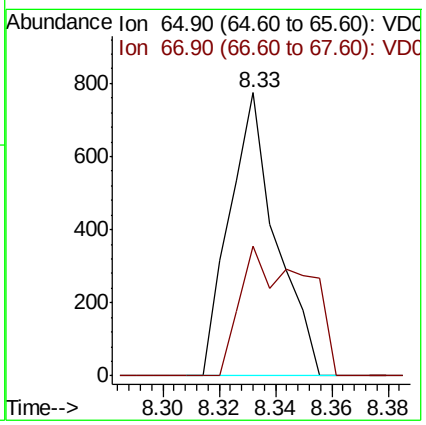


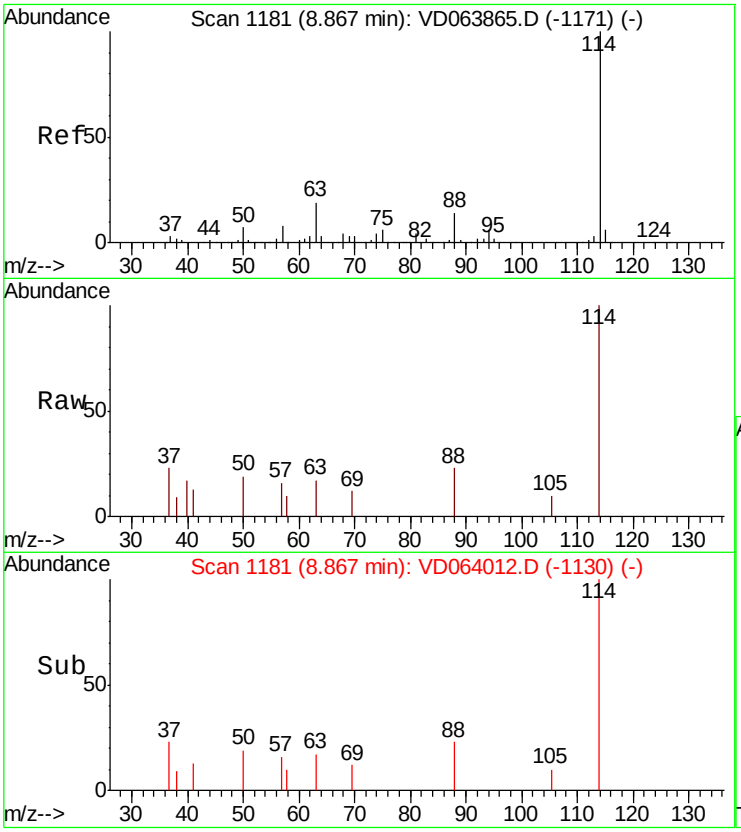


#33
1,2-Dichloroethane-d4
Concen: 42.300 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 65 Resp: 885

Ion	Ratio	Lower	Upper
65	100		
67	63.7	0.0	106.4



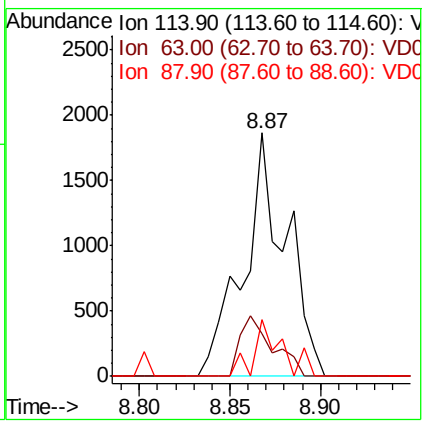


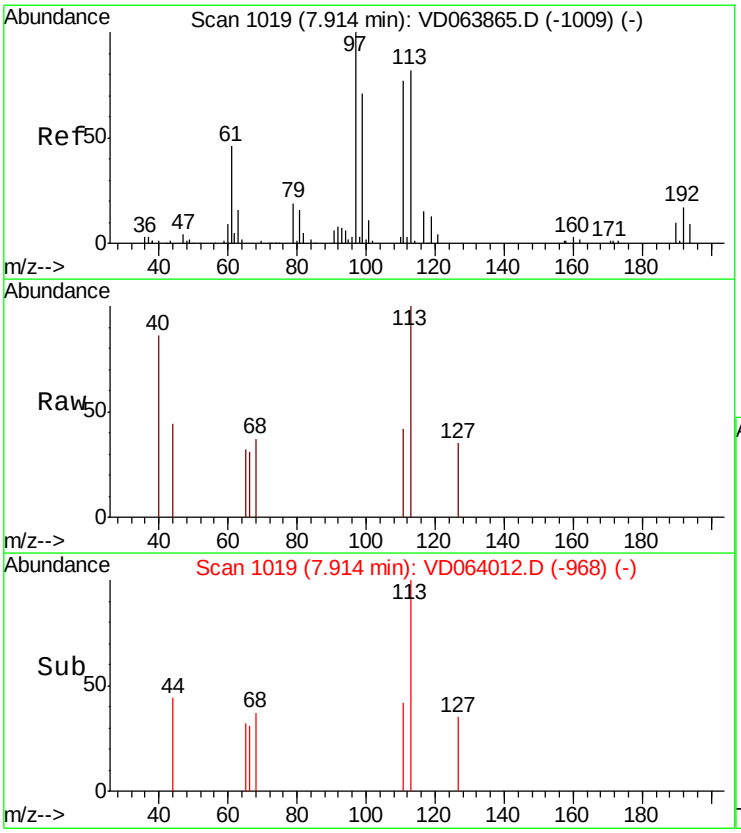
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 3033

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	38.4
88	23.0	0.0	27.4

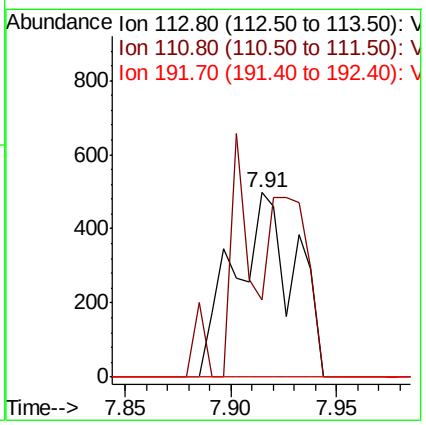


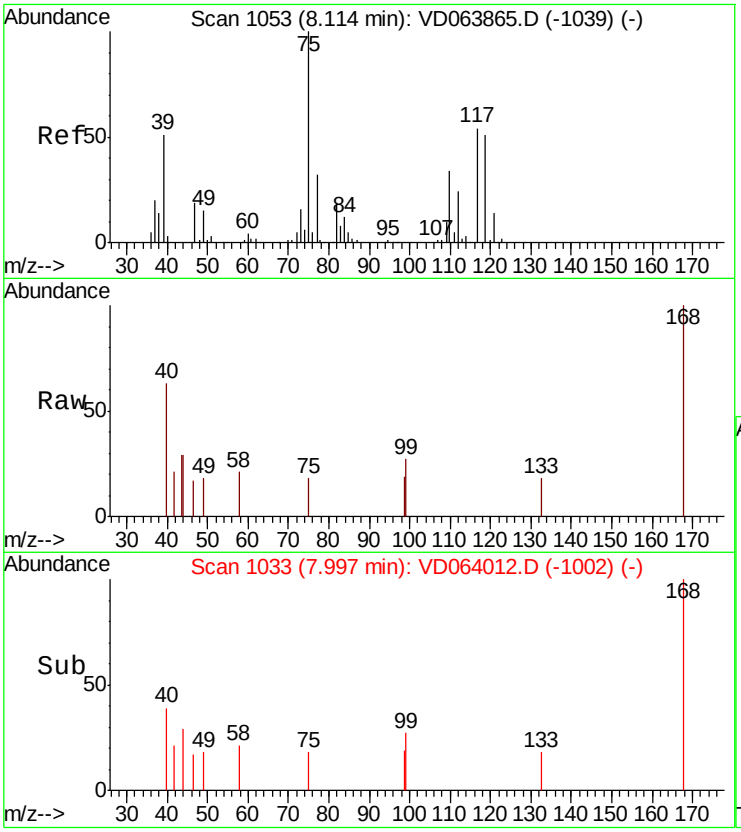


#35
Dibromofluoromethane
Concen: 54.058 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:113 Resp: 1002

Ion	Ratio	Lower	Upper
113	100		
111	61.1	82.6	123.8#
192	0.0	17.1	25.7#



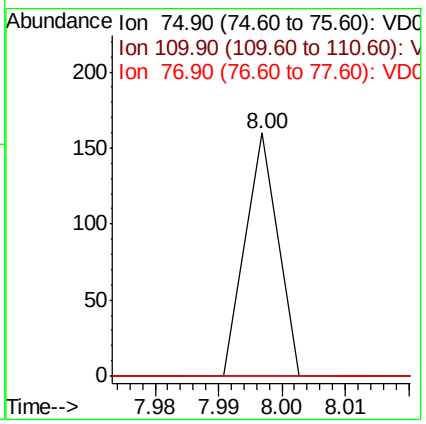


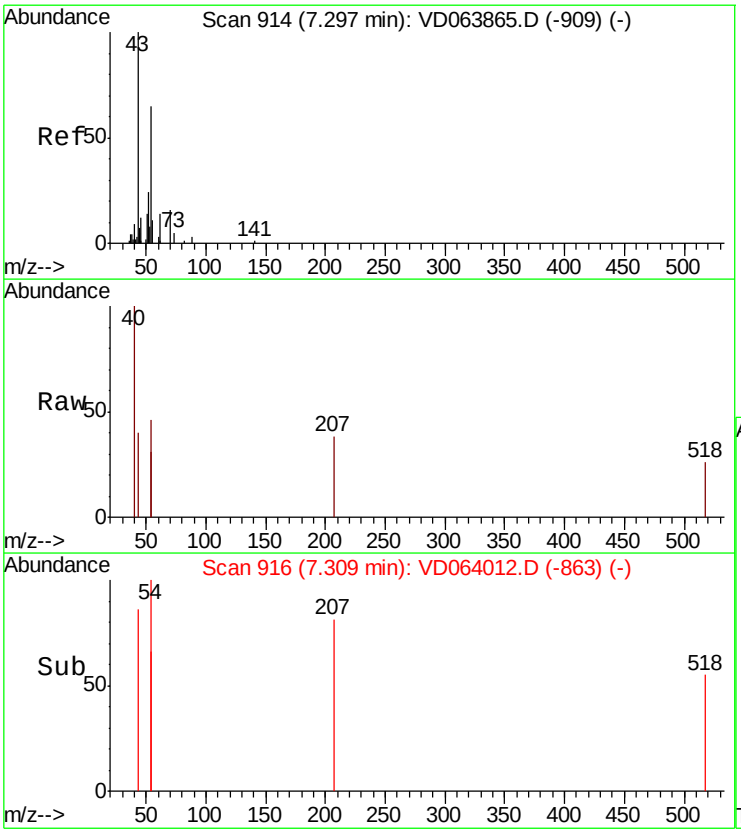
#36
1,1-Dichloropropene
Concen: 2.019 ug/l
RT: 8.00 min Scan# 1033
Delta R.T. -0.12 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 56

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

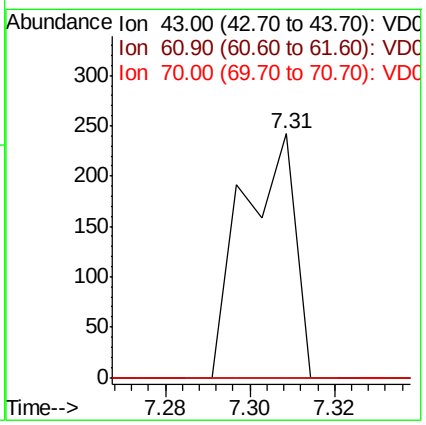


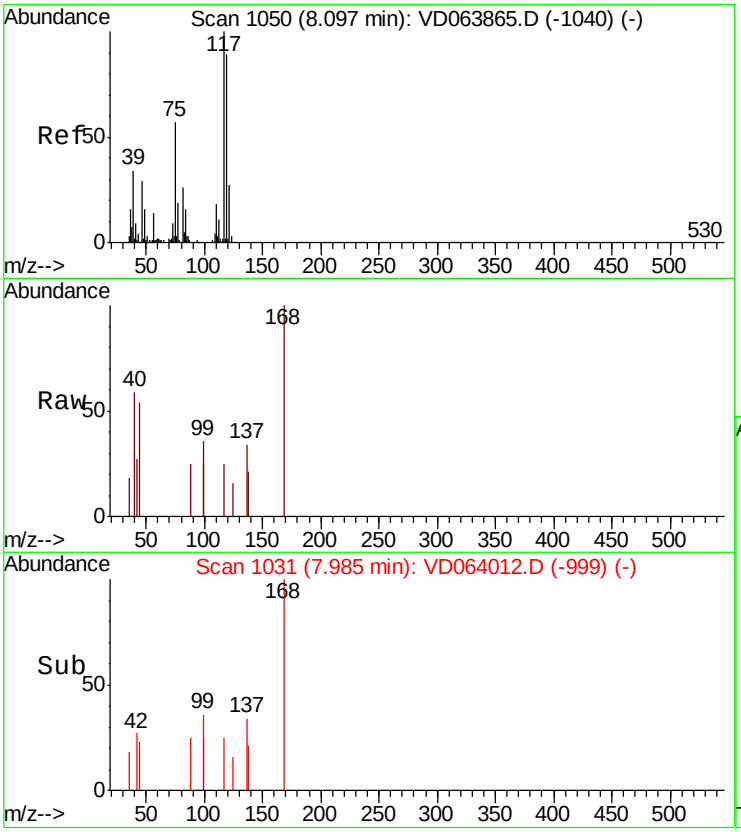


#37
Ethyl Acetate
Concen: 16.090 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 43 Resp: 209

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



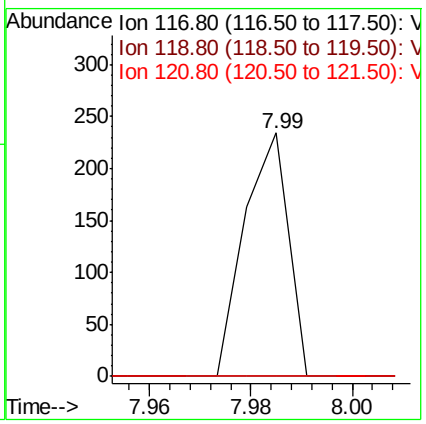


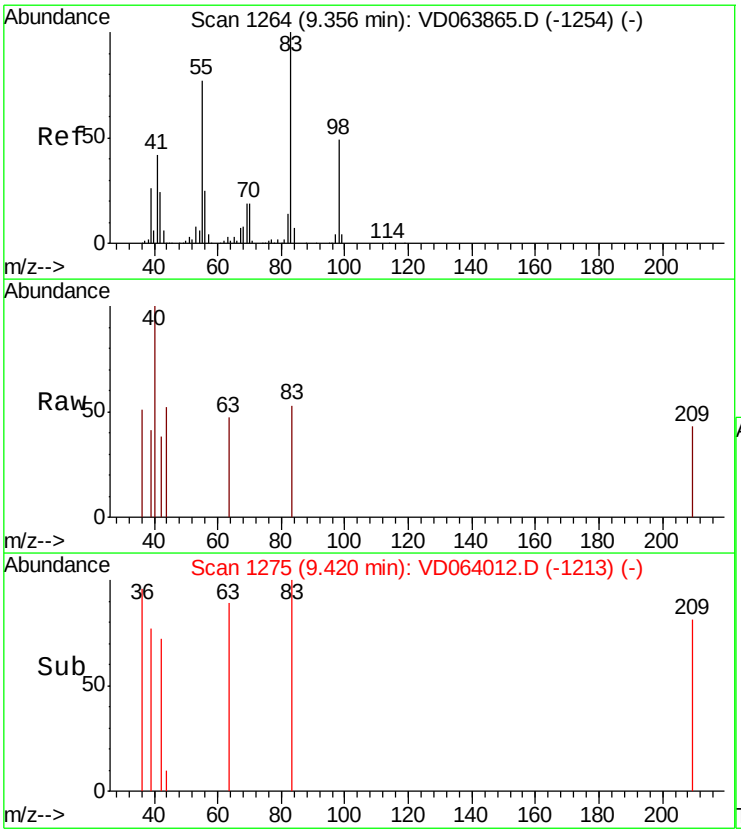
#38
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 140

Ion	Ratio	Lower	Upper
117	100		
119	0.0	70.8	106.2#
121	0.0	21.4	32.0#

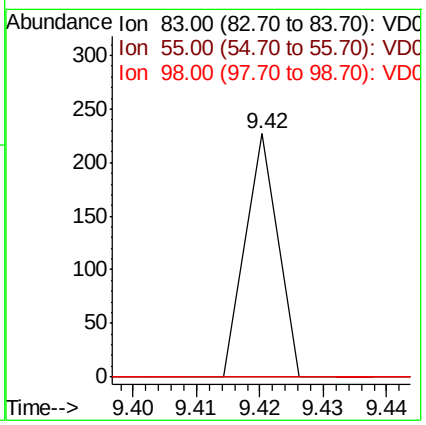


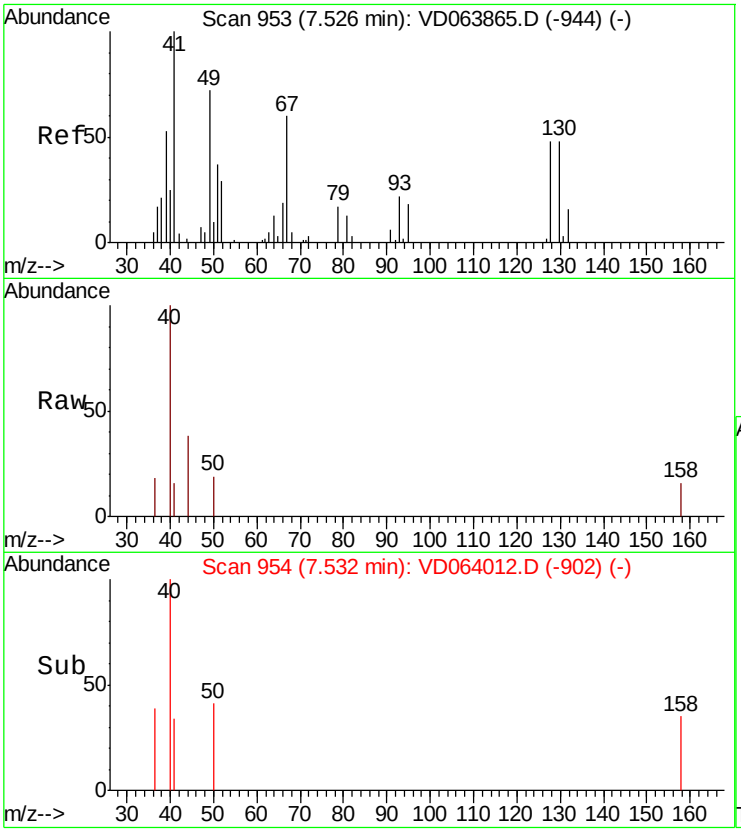


#39
Methylcyclohexane
Concen: 2.346 ug/l
RT: 9.42 min Scan# 1275
Delta R.T. 0.06 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 83 Resp: 80

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



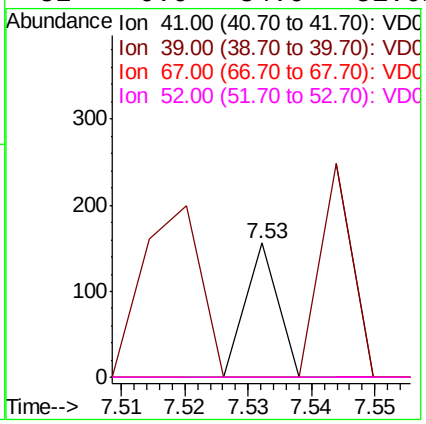


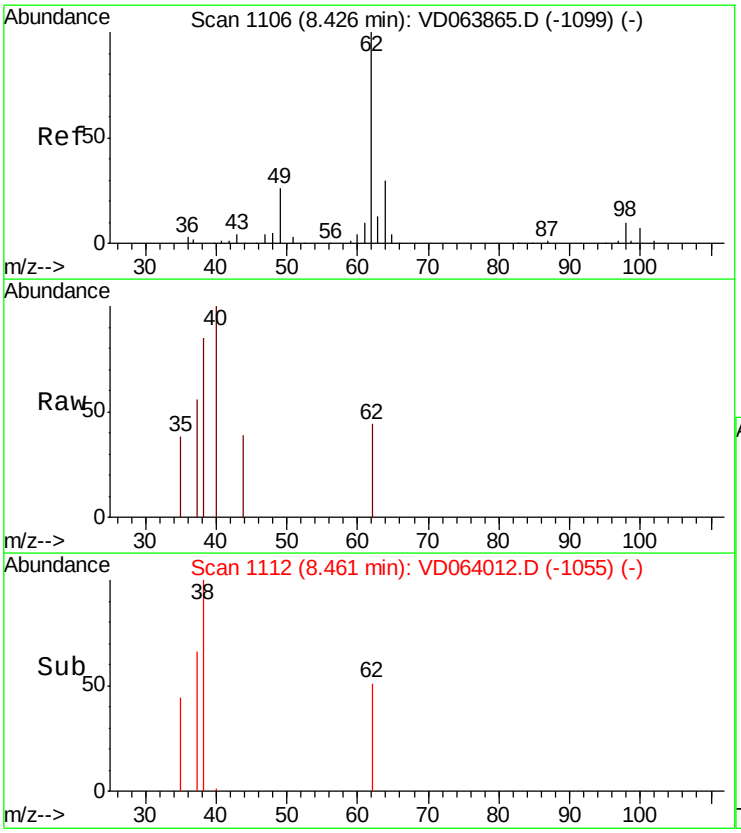
#41
Methacrylonitrile
Concen: 8.554 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 55

Ion	Ratio	Lower	Upper
41	100		
39	160.0	52.6	78.8#
67	0.0	74.2	111.2#
52	0.0	34.0	51.0#

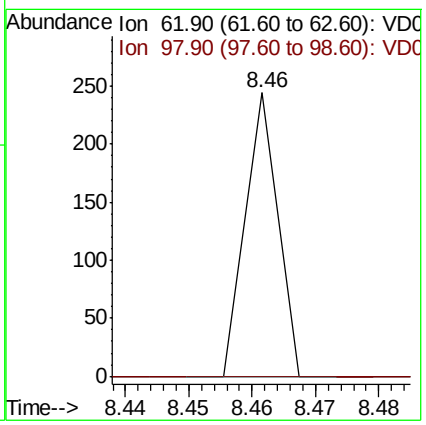


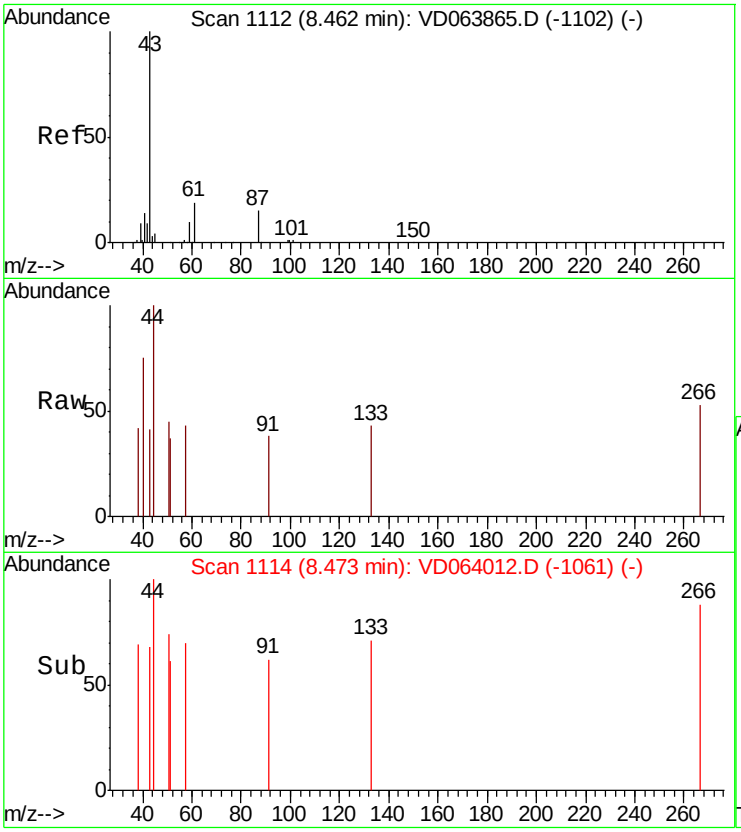


#42
1,2-Dichloroethane
Concen: 3.741 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.04 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 62 Resp: 86

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.0



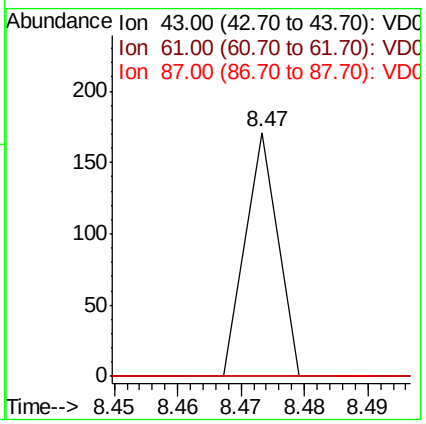


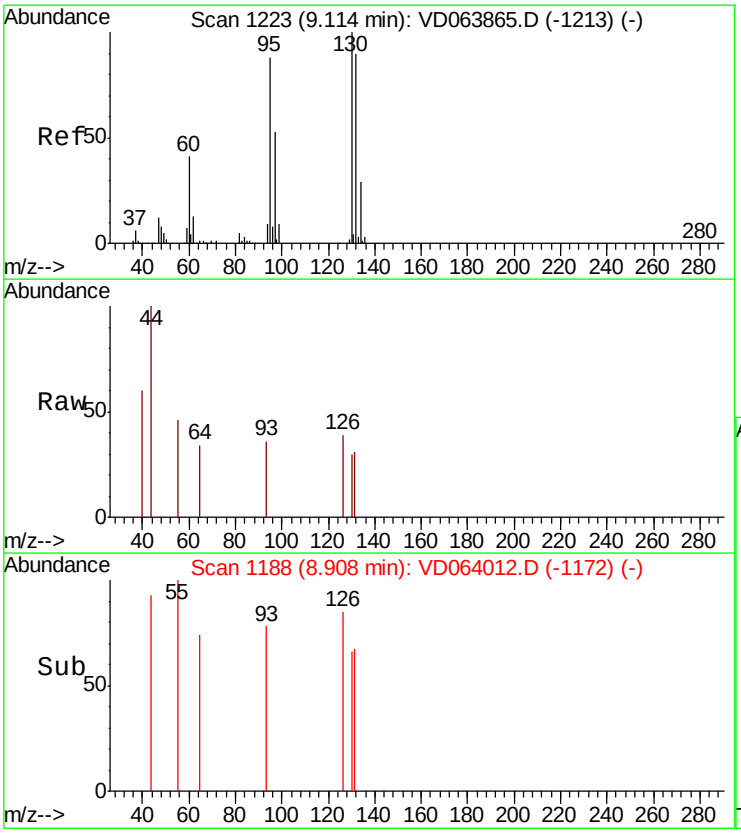
#43
Isopropyl Acetate
Concen: 2.580 ug/l
RT: 8.47 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 60

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

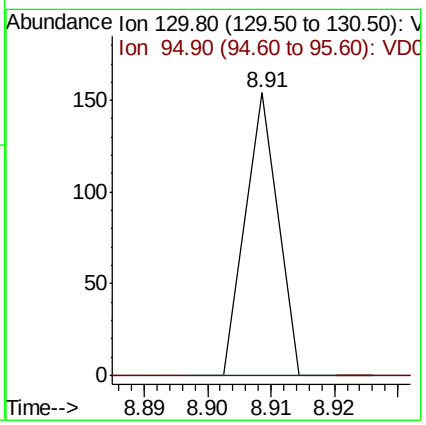


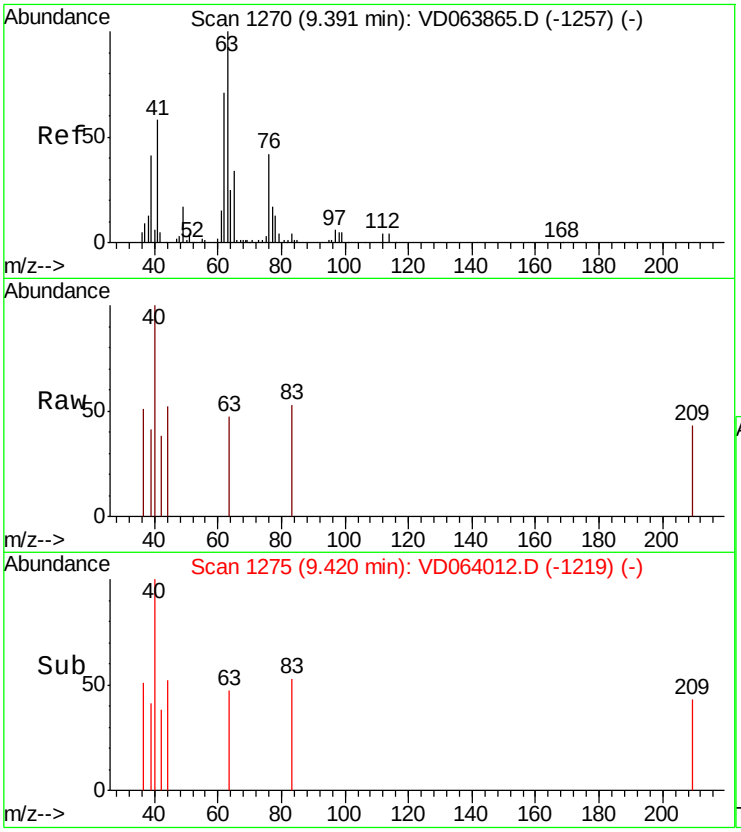


#44
Trichloroethene
Concen: 2.356 ug/l
RT: 8.91 min Scan# 1188
Delta R.T. -0.21 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:130 Resp: 54

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	175.6



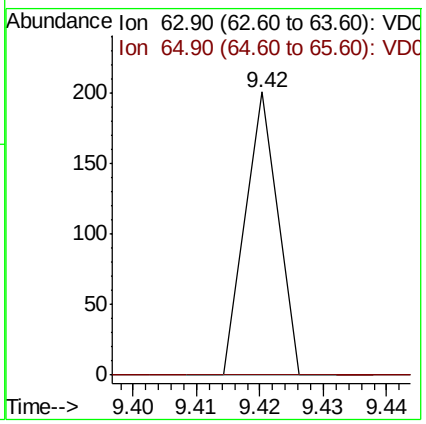


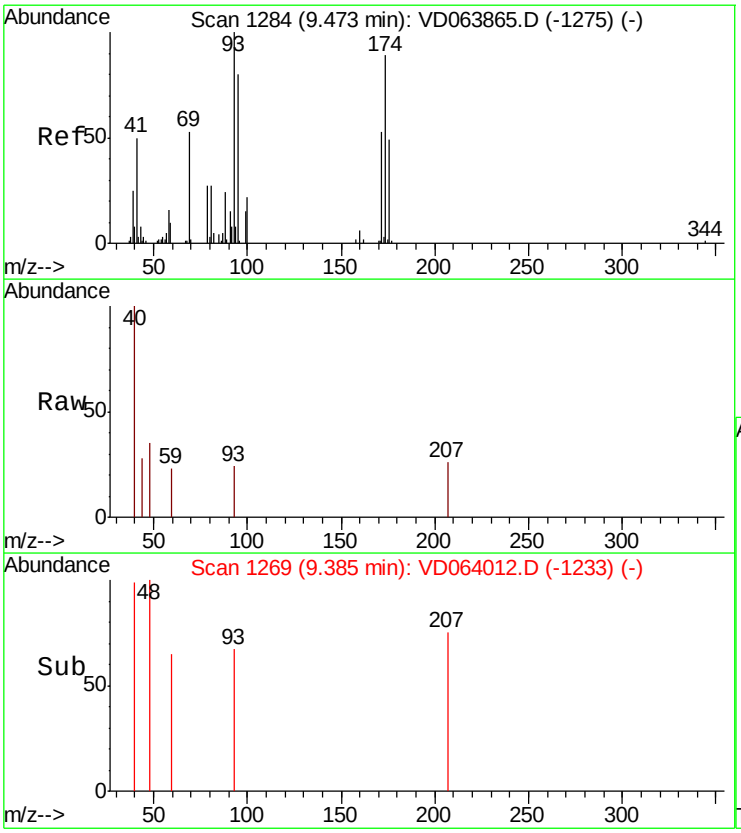
#45
1,2-Dichloropropane
Concen: 3.650 ug/l
RT: 9.42 min Scan# 1275
Delta R.T. 0.03 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 71

Ion	Ratio	Lower	Upper
63	100		
65	0.0	27.3	40.9#

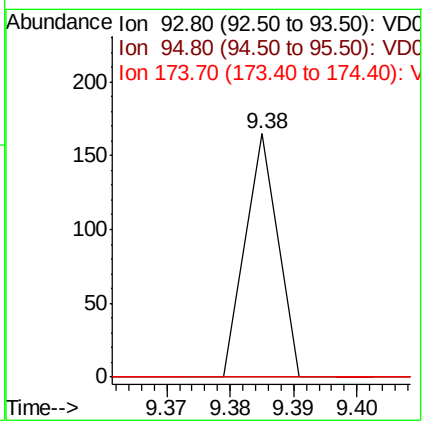


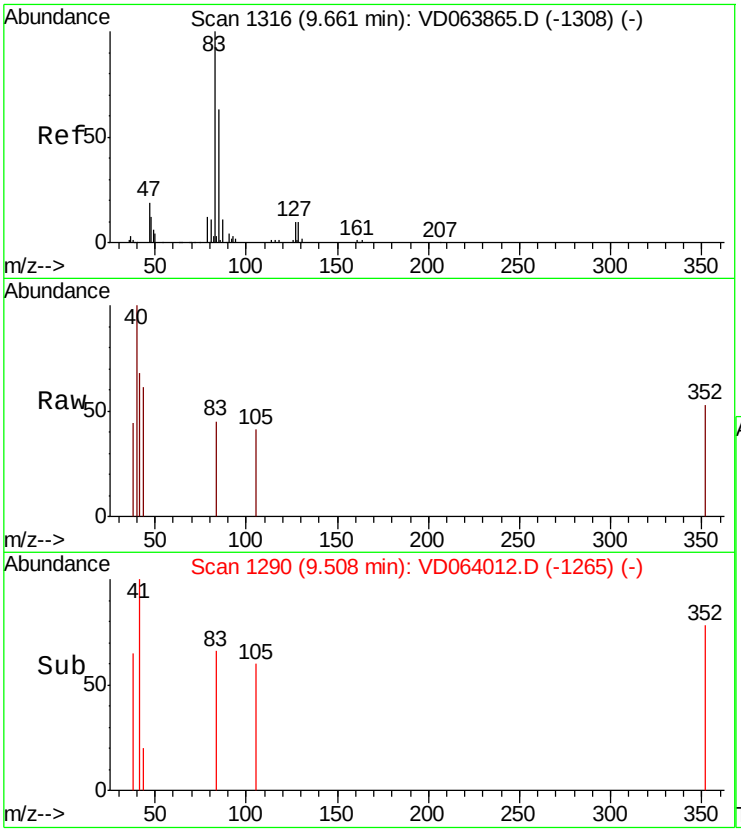


#46
Dibromomethane
Concen: 5.236 ug/l
RT: 9.38 min Scan# 1269
Delta R.T. -0.09 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 93 Resp: 58

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.0	99.0#
174	0.0	83.4	125.0#



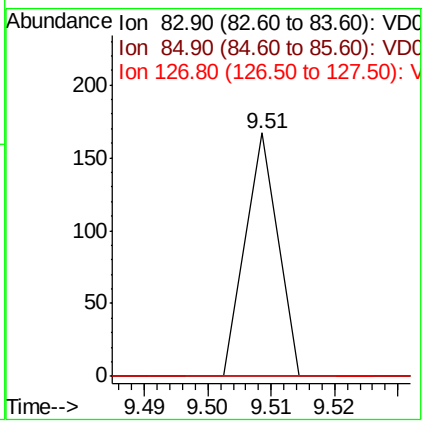


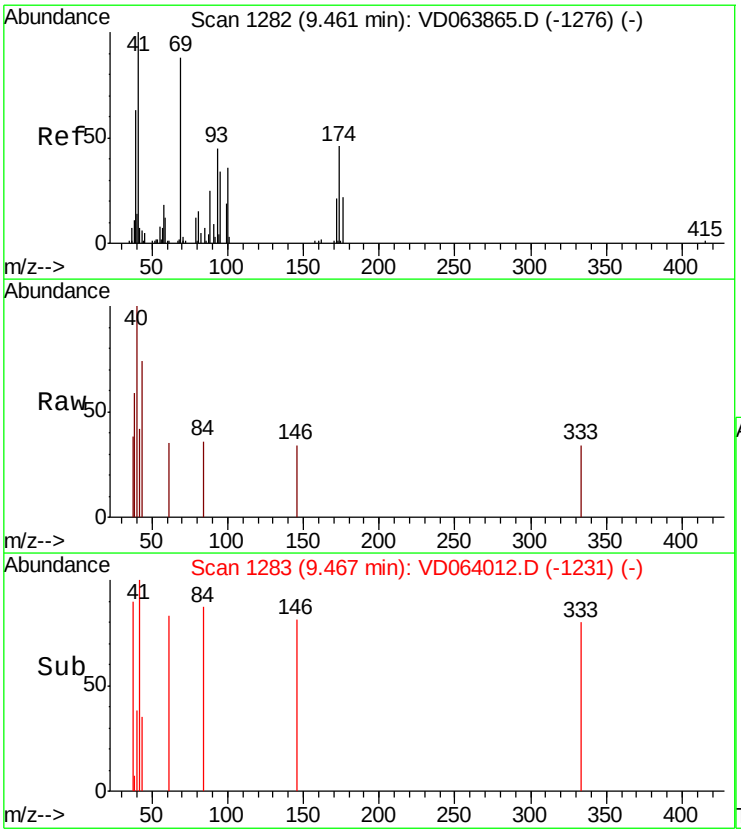
#47
Bromodichloromethane
Concen: 2.069 ug/l
RT: 9.51 min Scan# 1290
Delta R.T. -0.15 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 59

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

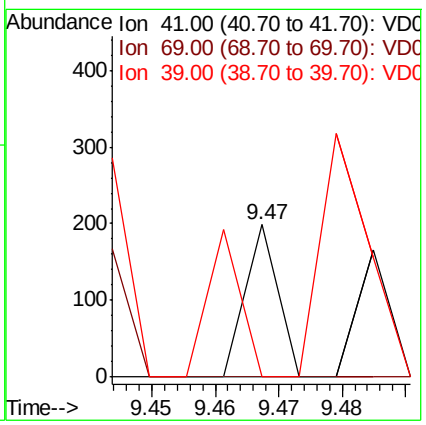


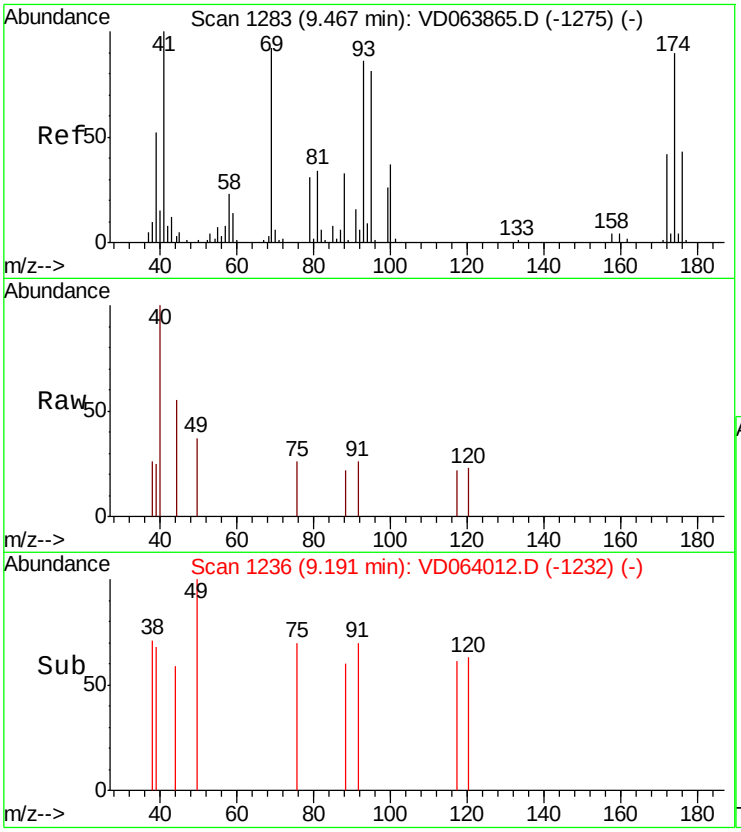


#48
Methyl methacrylate
Concen: 6.282 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 41 Resp: 70

Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.1	112.7#
39	97.1	50.2	75.2#



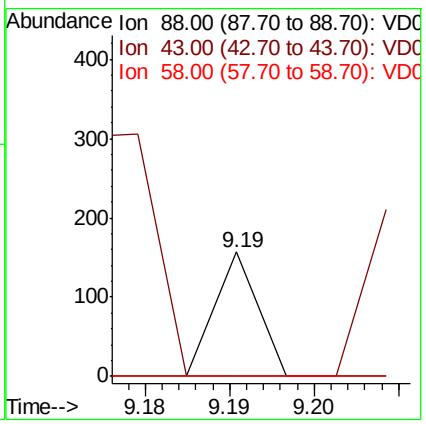


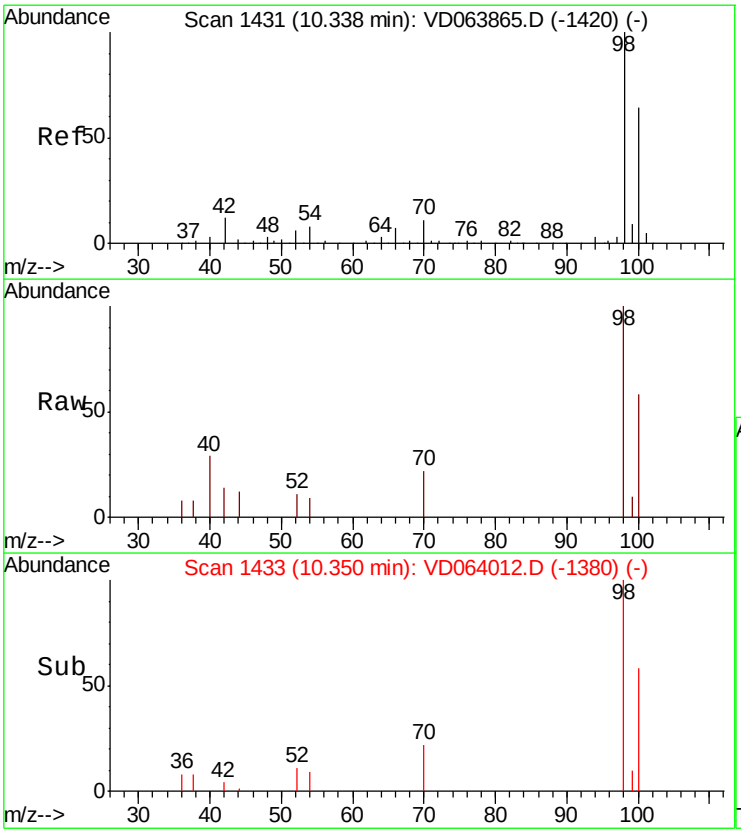
#49
1,4-Dioxane
Concen: 363.727 ug/l
RT: 9.19 min Scan# 1236
Delta R.T. -0.28 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	134.5	27.6	41.4#
58	0.0	54.1	81.1#

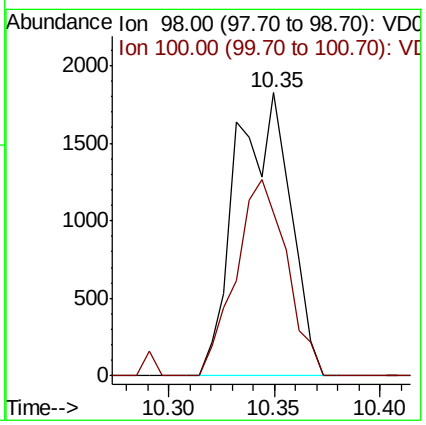


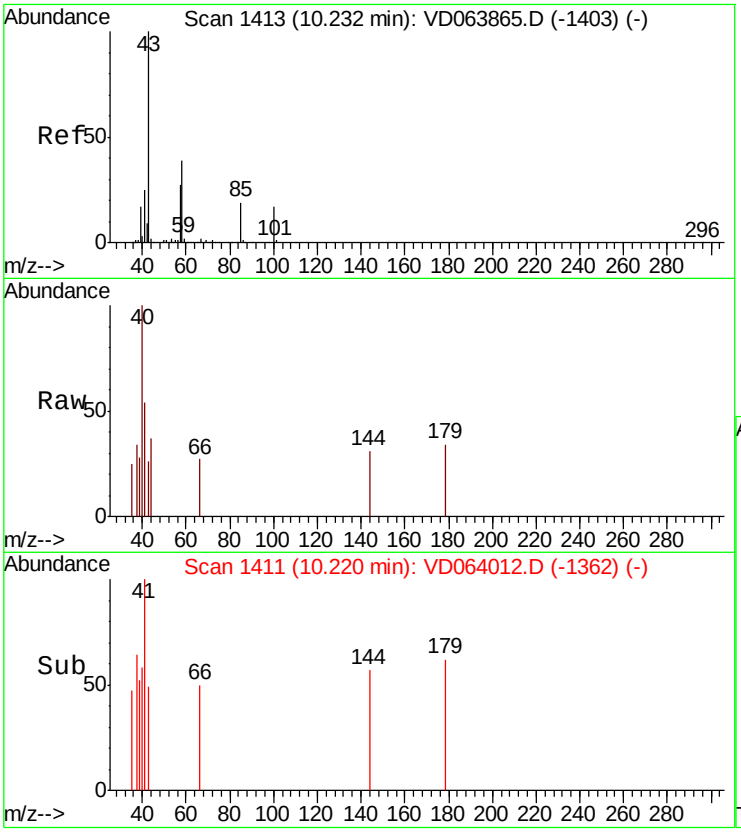


#50
Toluene-d8
Concen: 43.598 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 98 Resp: 3280

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1



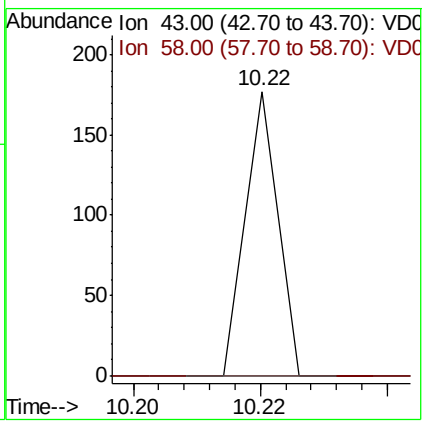


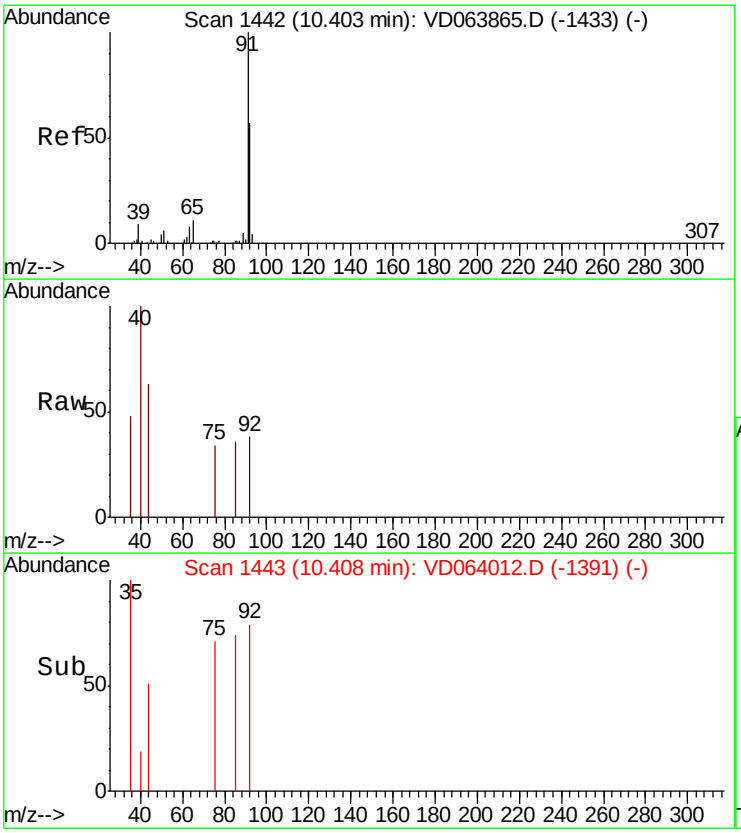
#51
4-Methyl-2-Pentanone
Concen: 5.140 ug/l
RT: 10.22 min Scan# 1411
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.0	49.4#

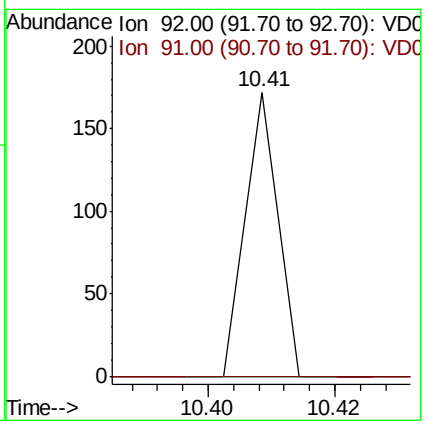


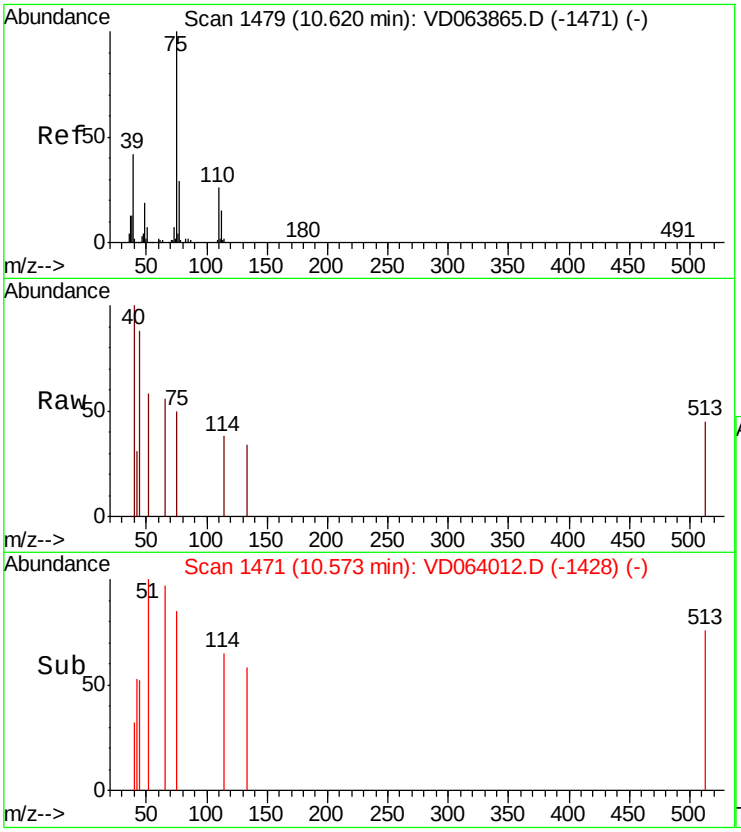


#52
Toluene
Concen: 1.118 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 92 Resp: 61

Ion	Ratio	Lower	Upper
92	100		
91	0.0	139.5	209.3#



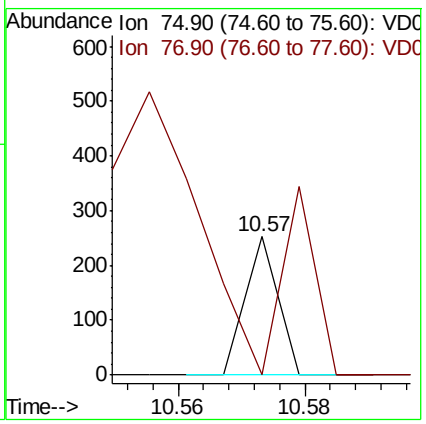


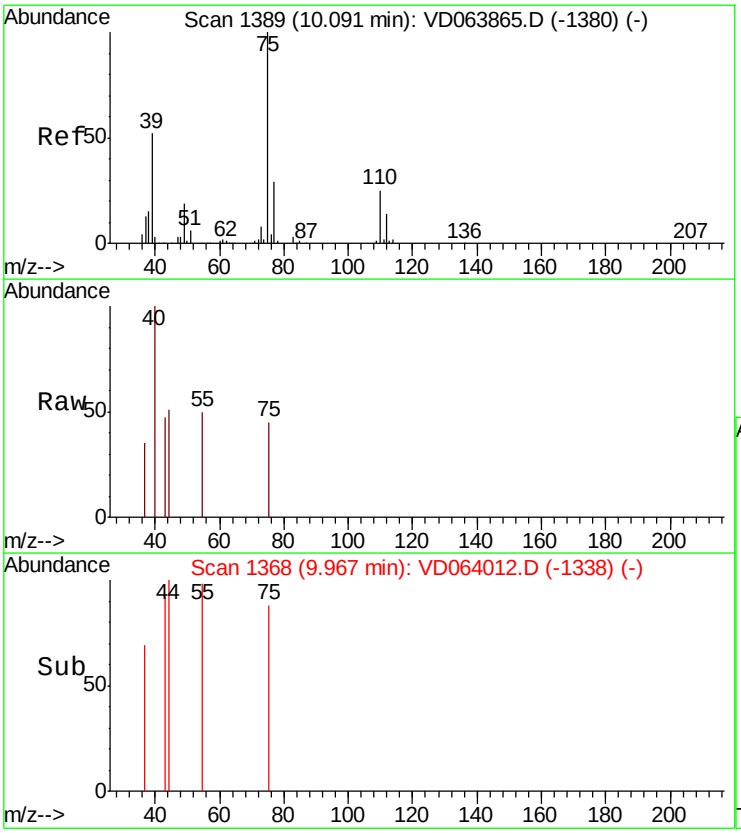
#53
t-1,3-Dichloropropene
Concen: 3.198 ug/l
RT: 10.57 min Scan# 1471
Delta R.T. -0.05 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 89

Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.8	34.2#

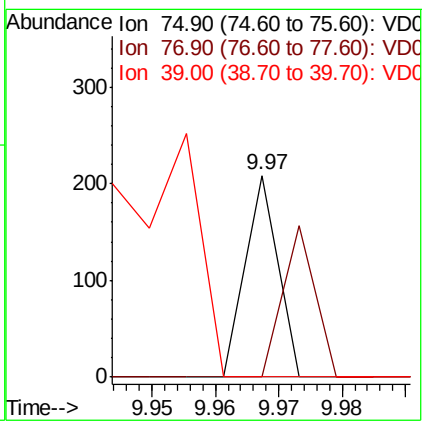


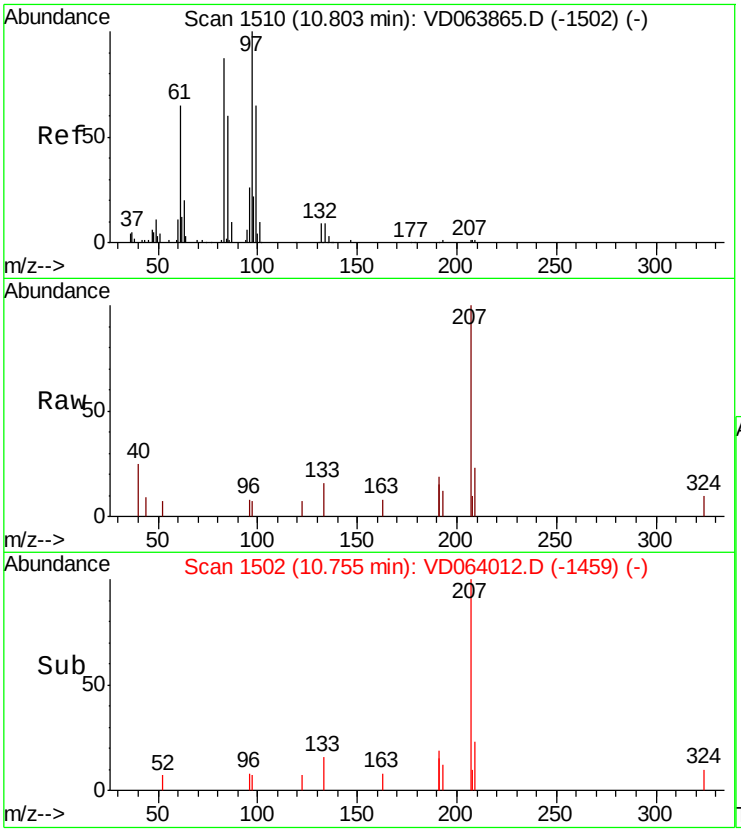


#54
cis-1,3-Dichloropropene
Concen: 2.310 ug/l
RT: 9.97 min Scan# 1368
Delta R.T. -0.12 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 75 Resp: 74

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



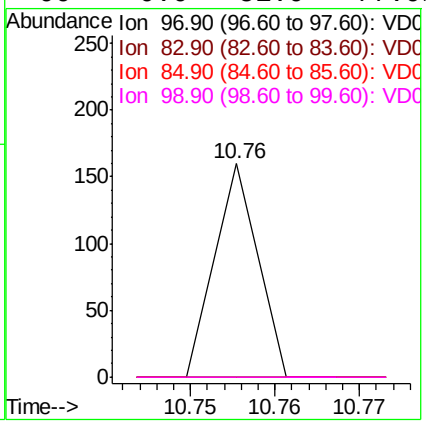


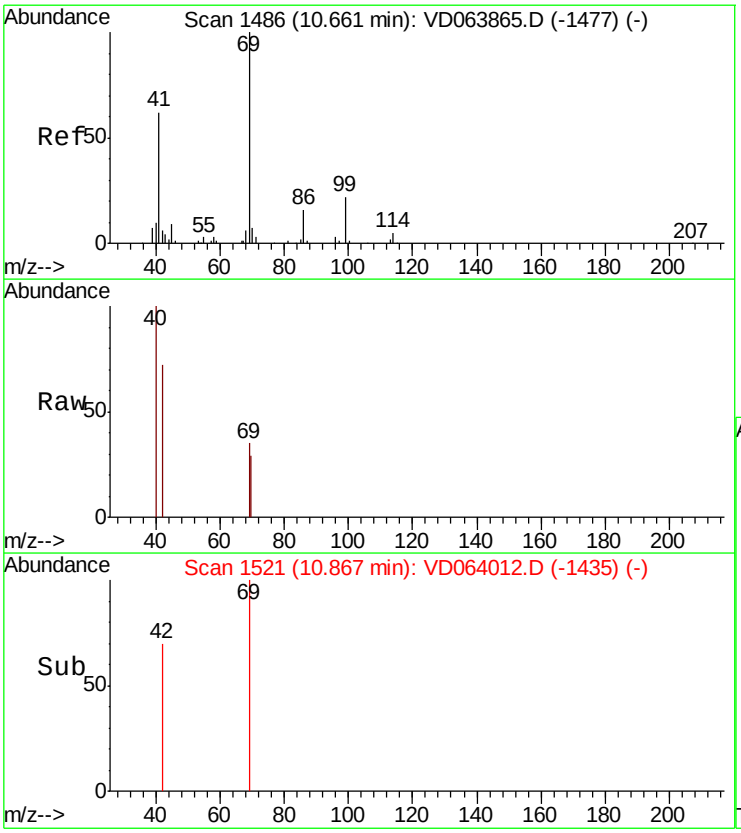
#55
1,1,2-Trichloroethane
Concen: 3.580 ug/l
RT: 10.76 min Scan# 1502
Delta R.T. -0.05 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 56

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#

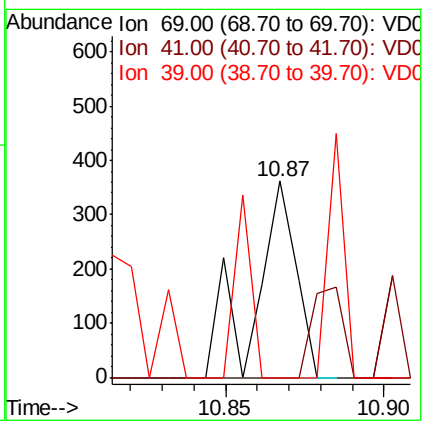


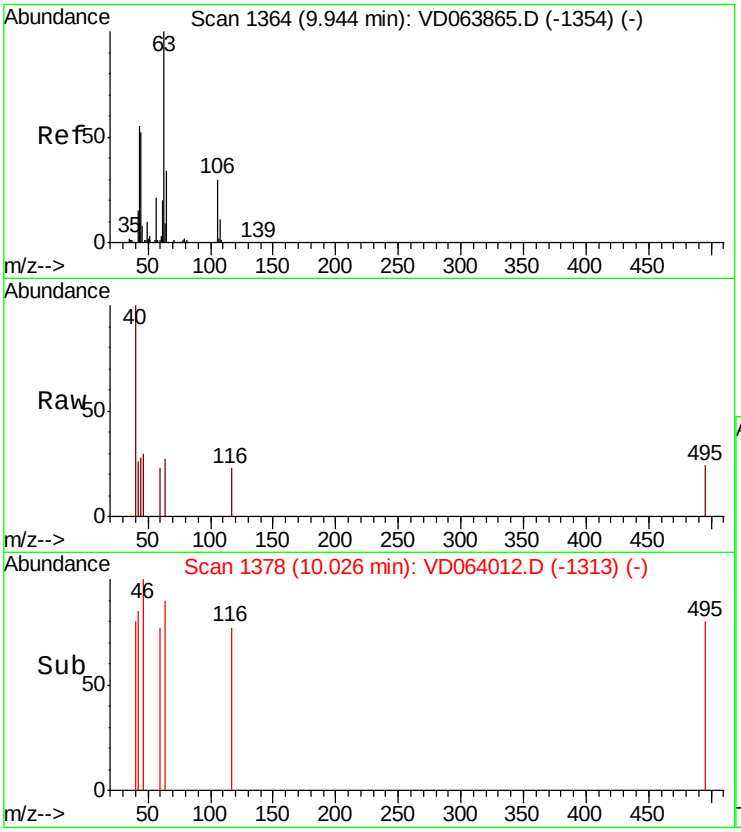


#56
Ethyl methacrylate
Concen: 16.610 ug/l
RT: 10.87 min Scan# 1521
Delta R.T. 0.21 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 69 Resp: 329

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.3	76.9#
39	36.2	28.0	42.0



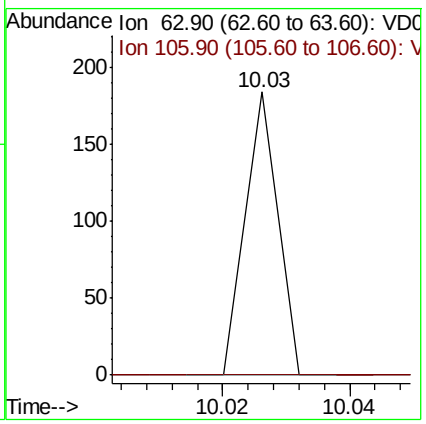


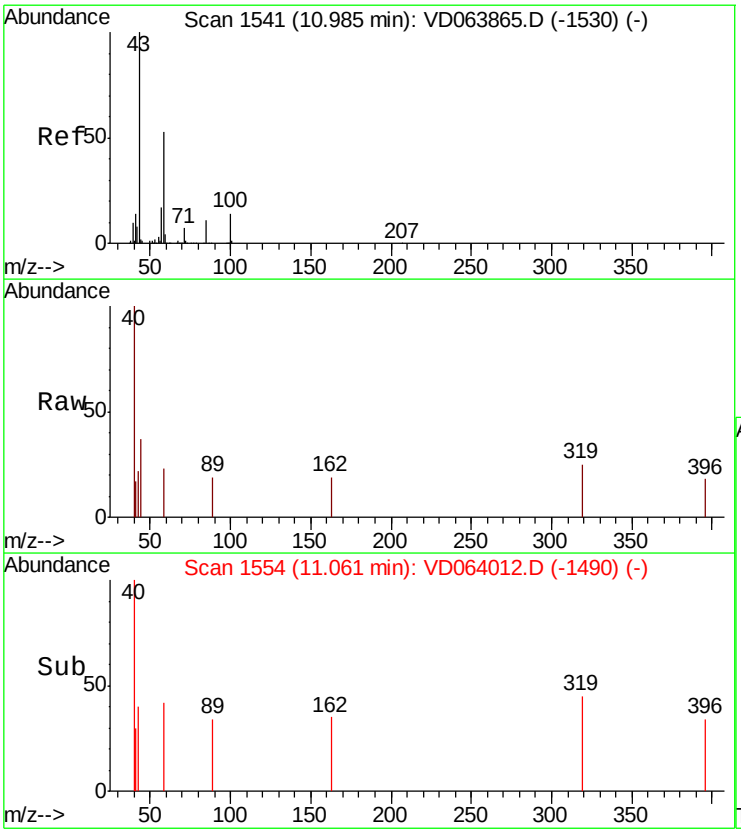
#58
2-Chloroethyl Vinyl ether
Concen: 7.634 ug/l
RT: 10.03 min Scan# 1378
Delta R.T. 0.08 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 65

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.3	36.5#

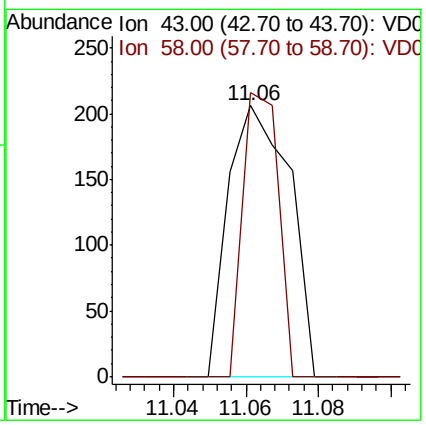


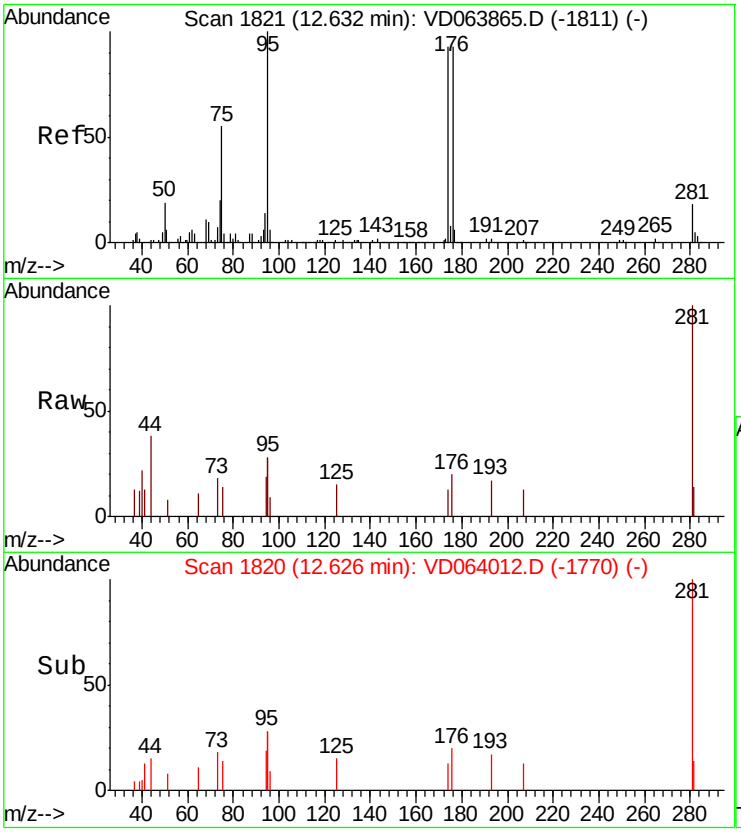


#59
2-Hexanone
Concen: 28.081 ug/l
RT: 11.06 min Scan# 1554
Delta R.T. 0.08 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 43 Resp: 245

Ion	Ratio	Lower	Upper
43	100		
58	60.8	27.7	83.0



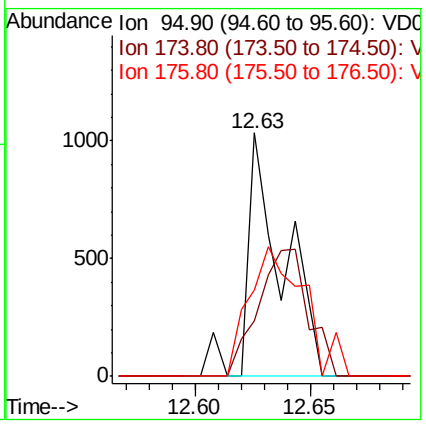


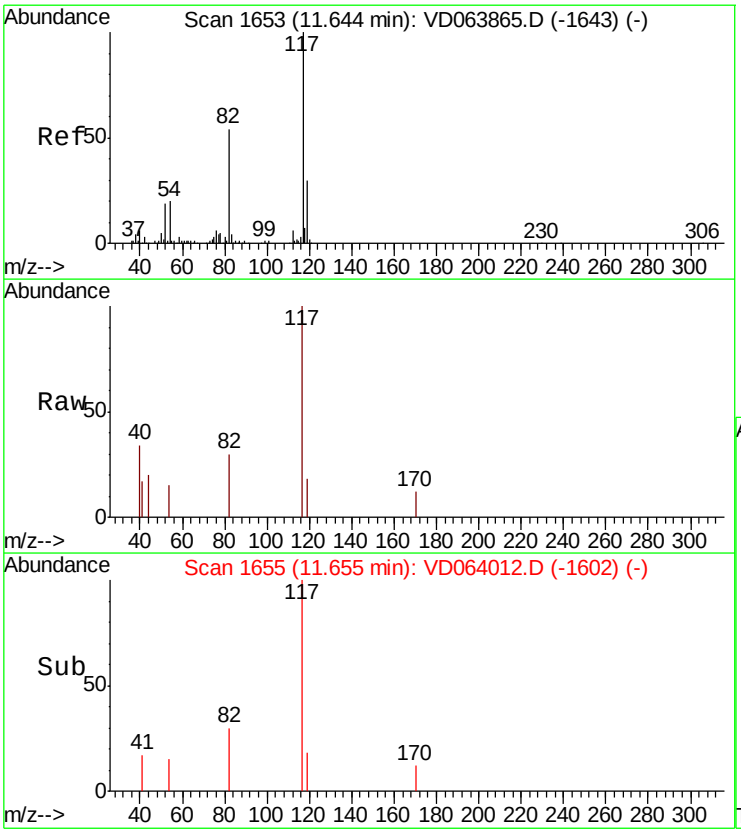
#62
4-Bromofluorobenzene
Concen: 41.961 ug/l
RT: 12.63 min Scan# 1820
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 1097

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	186.4
176	83.4	0.0	184.2

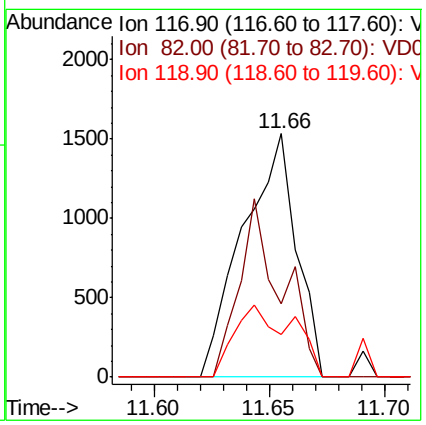


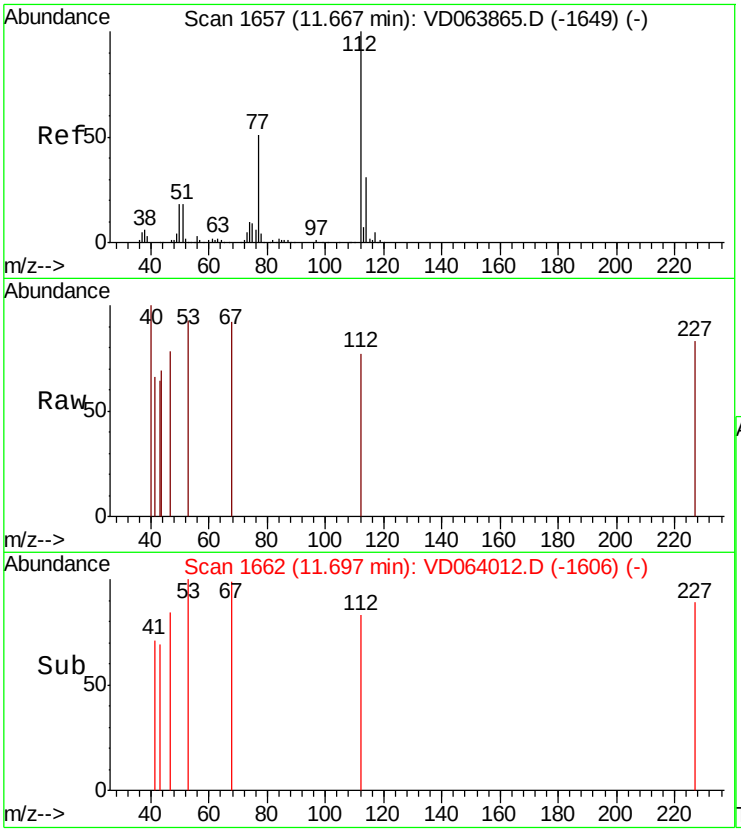


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:117 Resp: 2475

Ion	Ratio	Lower	Upper
117	100		
82	30.1	42.8	64.2#
119	17.7	24.4	36.6#



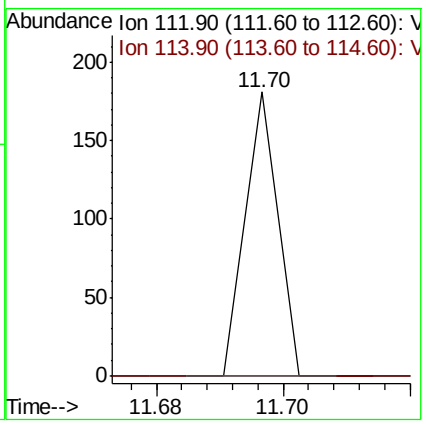


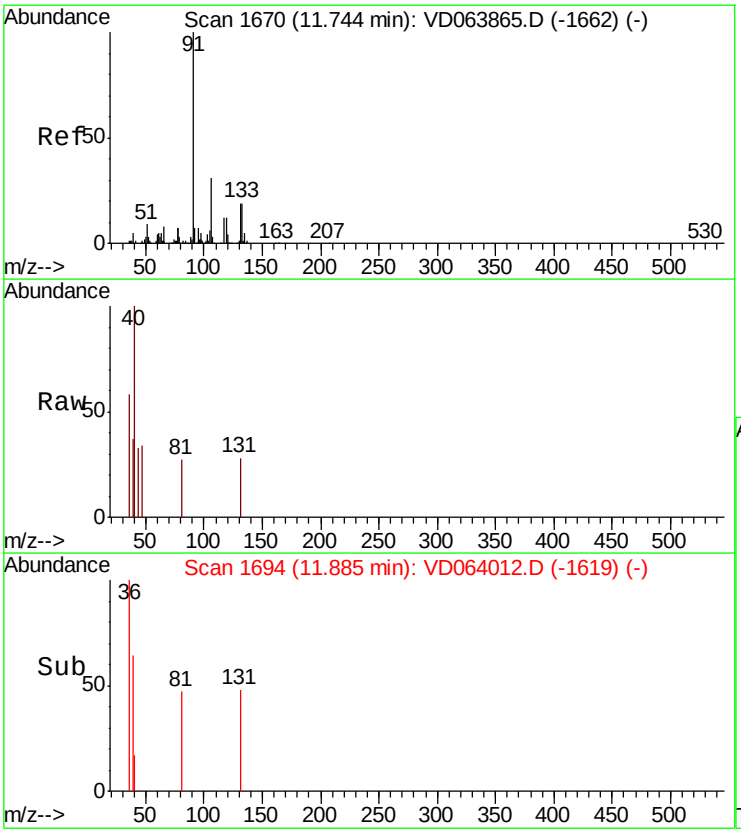
#65
Chlorobenzene
Concen: 1.288 ug/l
RT: 11.70 min Scan# 1662
Delta R.T. 0.03 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 64

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.1	37.7#

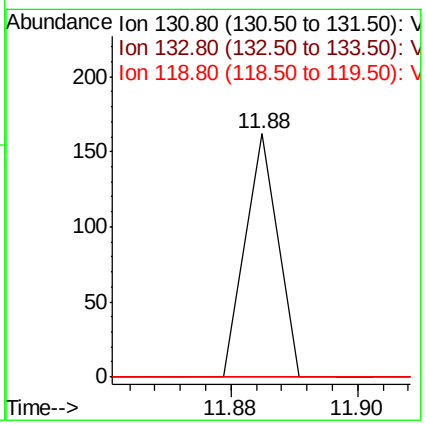


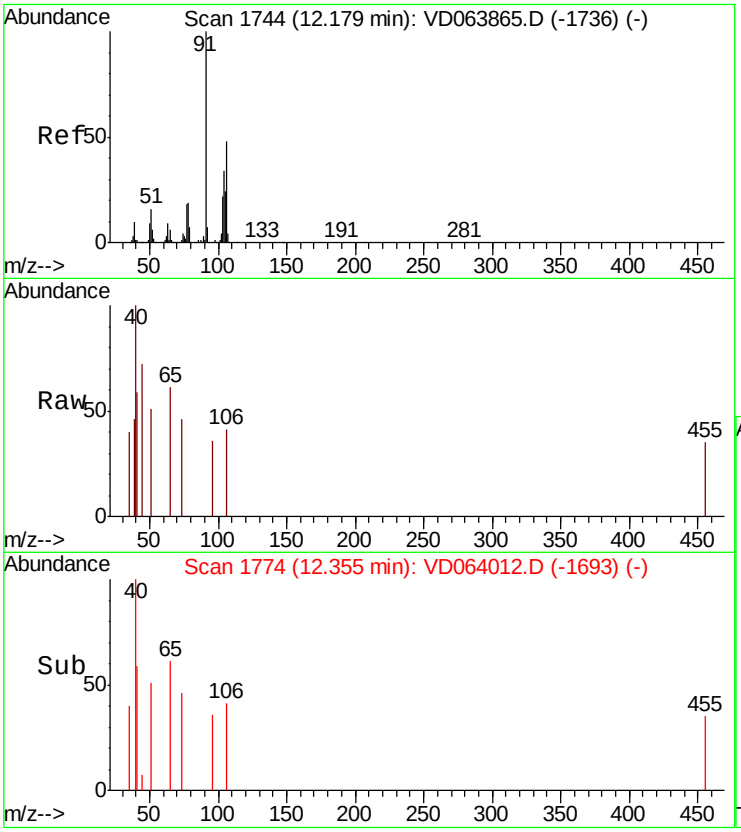


#66
1,1,1,2-Tetrachloroethane
Concen: 3.112 ug/l
RT: 11.88 min Scan# 1694
Delta R.T. 0.14 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:131 Resp: 57

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



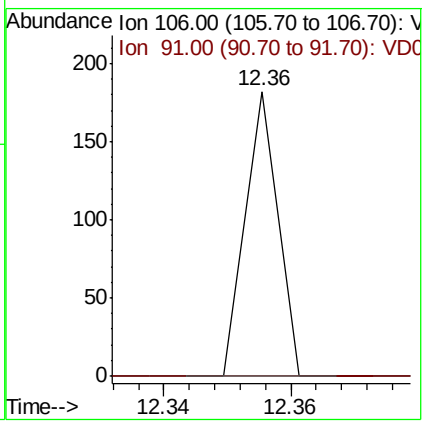


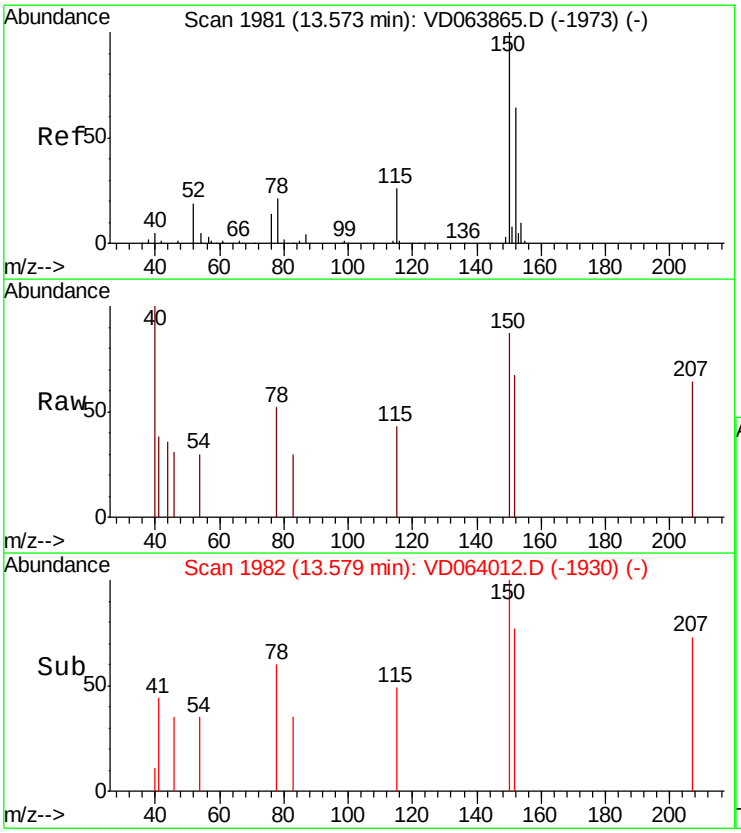
#69
o-Xylene
Concen: 1.932 ug/l
RT: 12.36 min Scan# 1774
Delta R.T. 0.18 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 64

Ion	Ratio	Lower	Upper
106	100		
91	0.0	103.9	311.7#

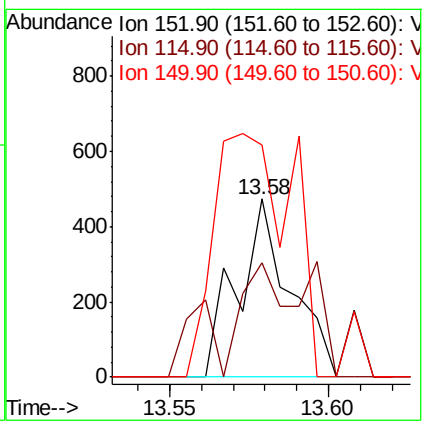


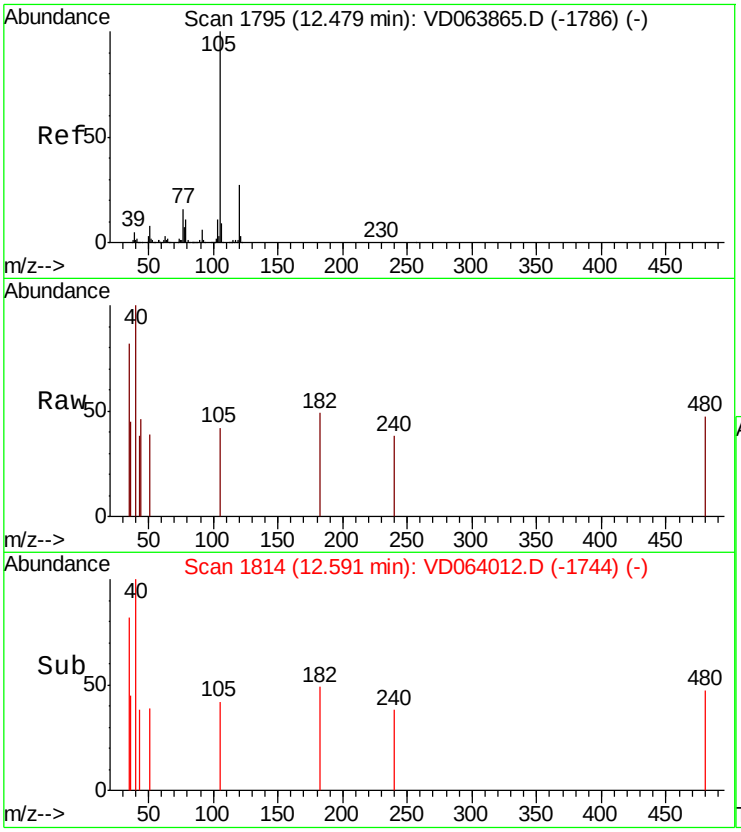


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:152 Resp: 546

Ion	Ratio	Lower	Upper
152	100		
115	23.4	25.9	77.7#
150	200.7	0.0	344.2



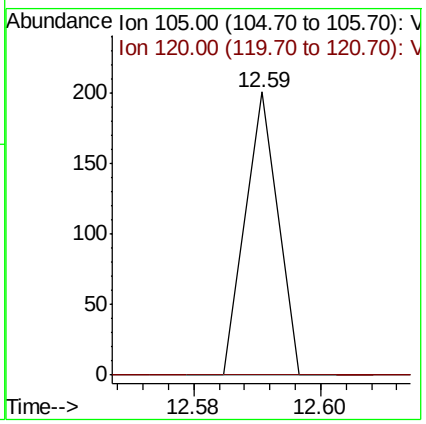


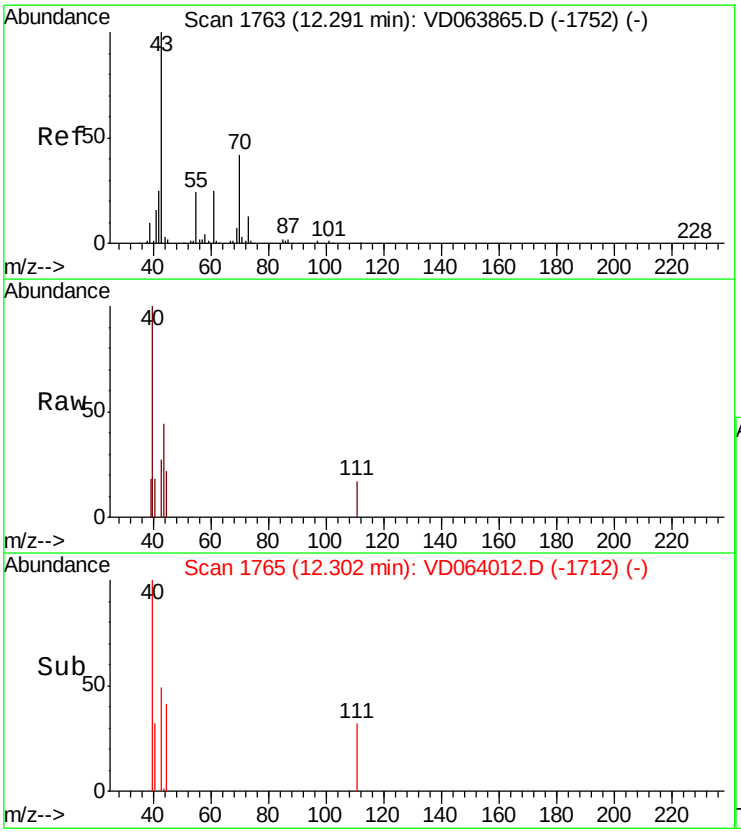
#73
Isopropylbenzene
Concen: 1.934 ug/l
RT: 12.59 min Scan# 1814
Delta R.T. 0.11 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 71

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.3	39.8#

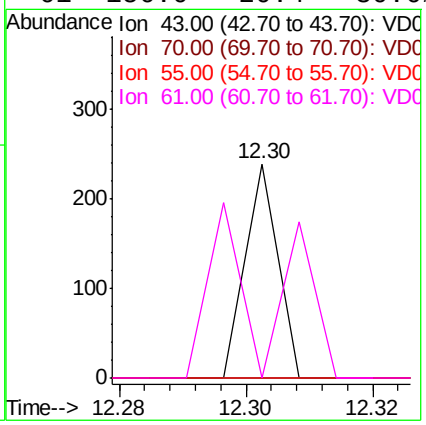


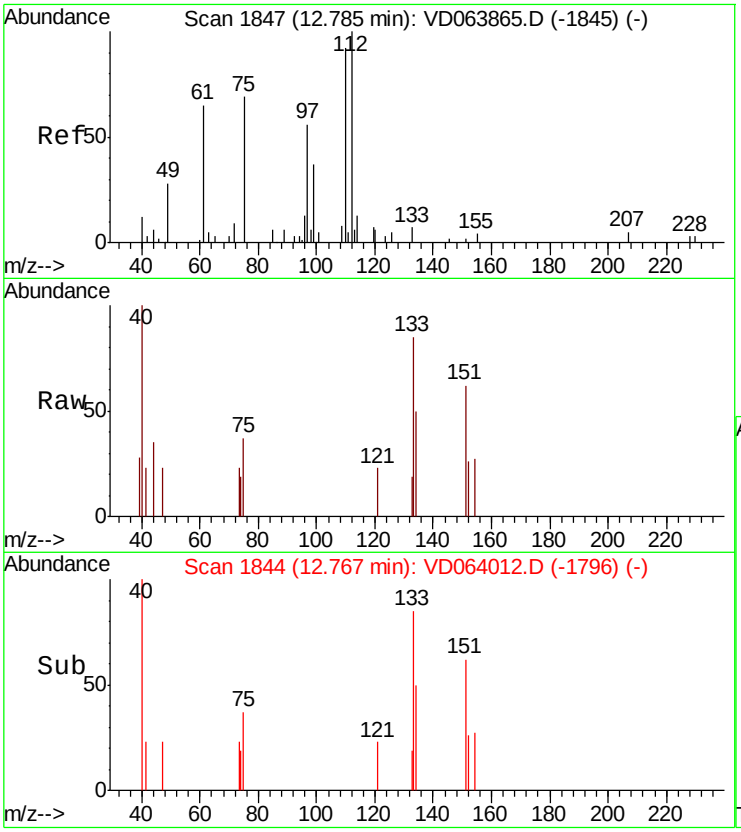


#74
N-amyl acetate
Concen: 10.629 ug/l
RT: 12.30 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 43 Resp: 84

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.8	53.6#
55	0.0	19.4	29.0#
61	156.0	20.4	30.6#



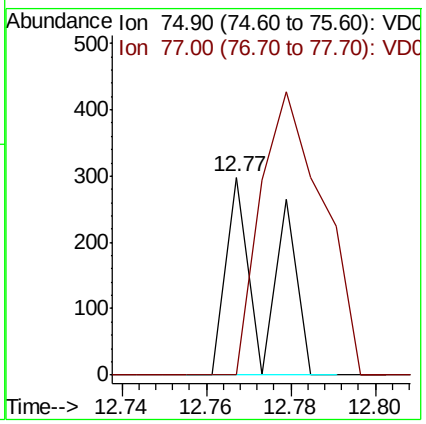


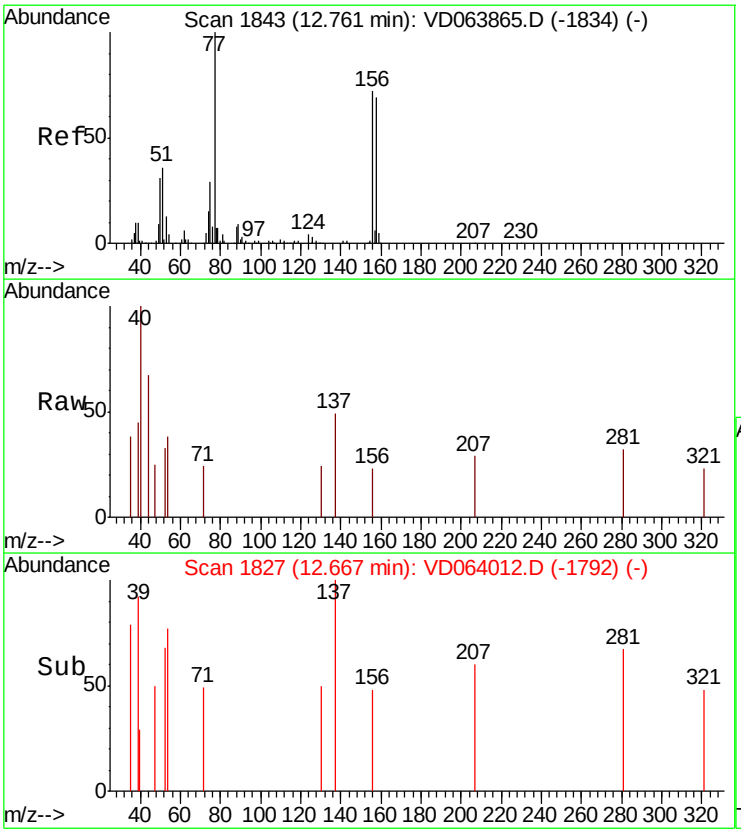
#76
1,2,3-Trichloropropane
Concen: 54.417 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.02 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 199

Ion	Ratio	Lower	Upper
75	100		
77	220.1	0.0	0.0#

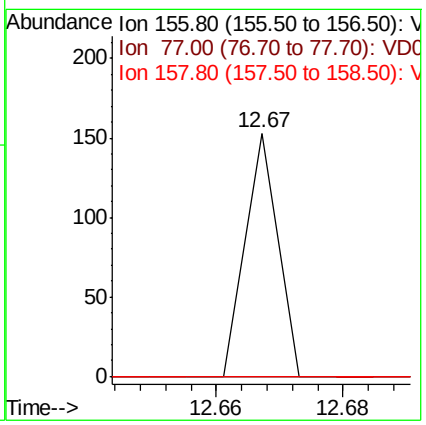


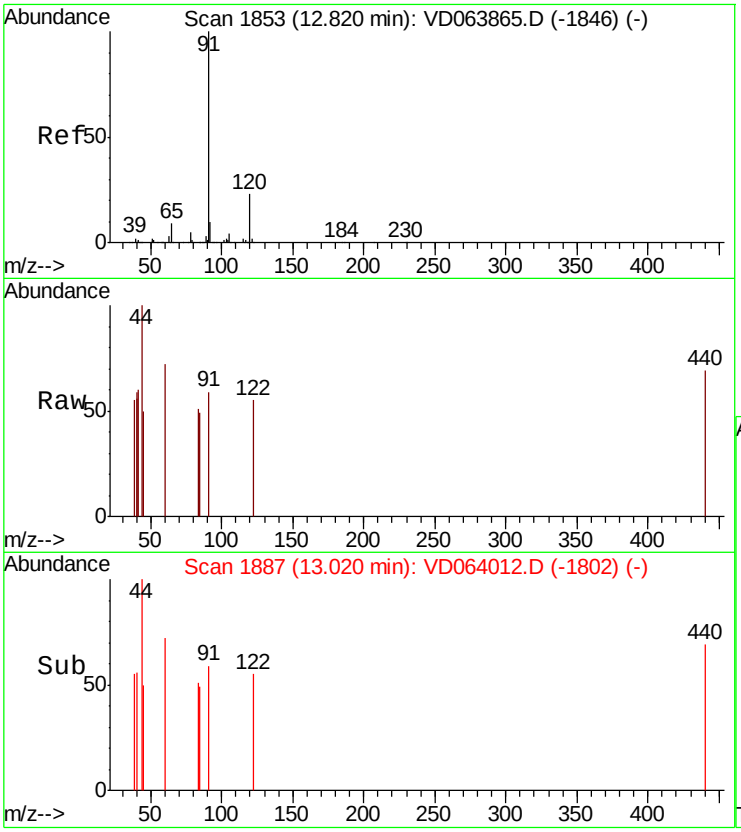


#77
Bromobenzene
Concen: 5.905 ug/l
RT: 12.67 min Scan# 1827
Delta R.T. -0.09 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:156 Resp: 54

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



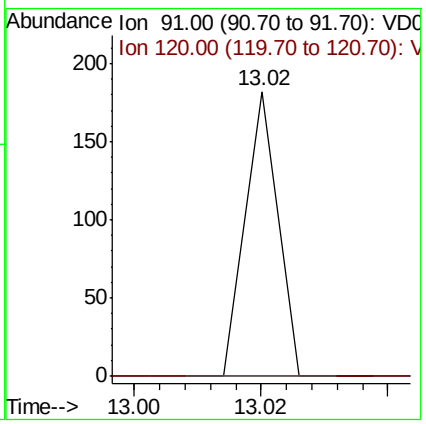


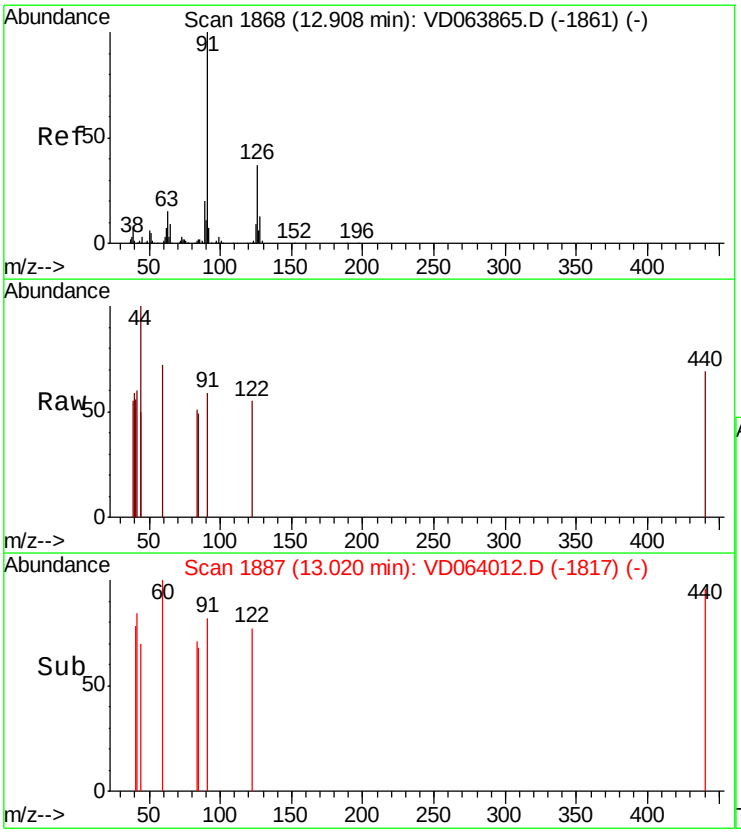
#78
n-propylbenzene
Concen: 1.485 ug/l
RT: 13.02 min Scan# 1887
Delta R.T. 0.20 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
120	0.0	12.0	36.0#

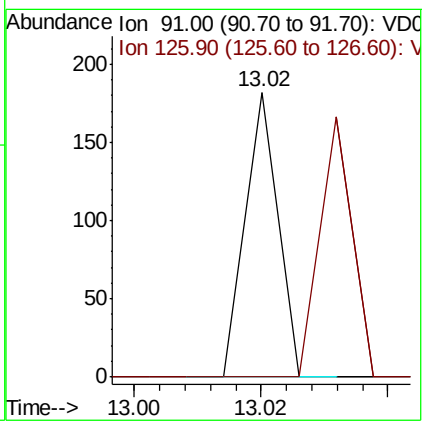


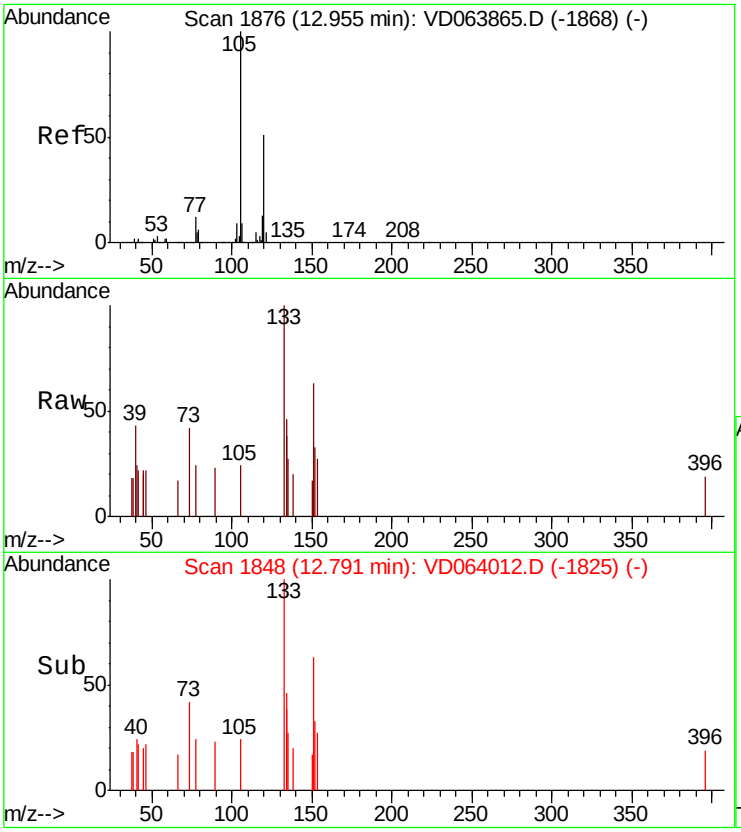


#79
2-Chlorotoluene
Concen: 2.694 ug/l
RT: 13.02 min Scan# 1887
Delta R.T. 0.11 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
126	92.2	18.4	55.2#



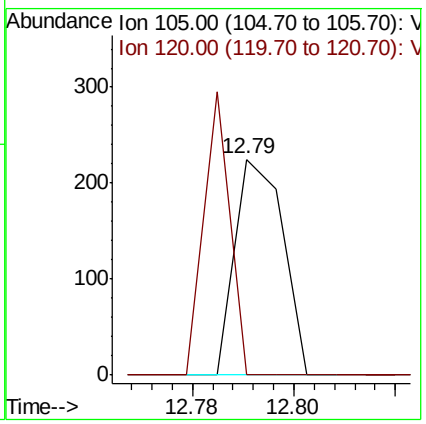


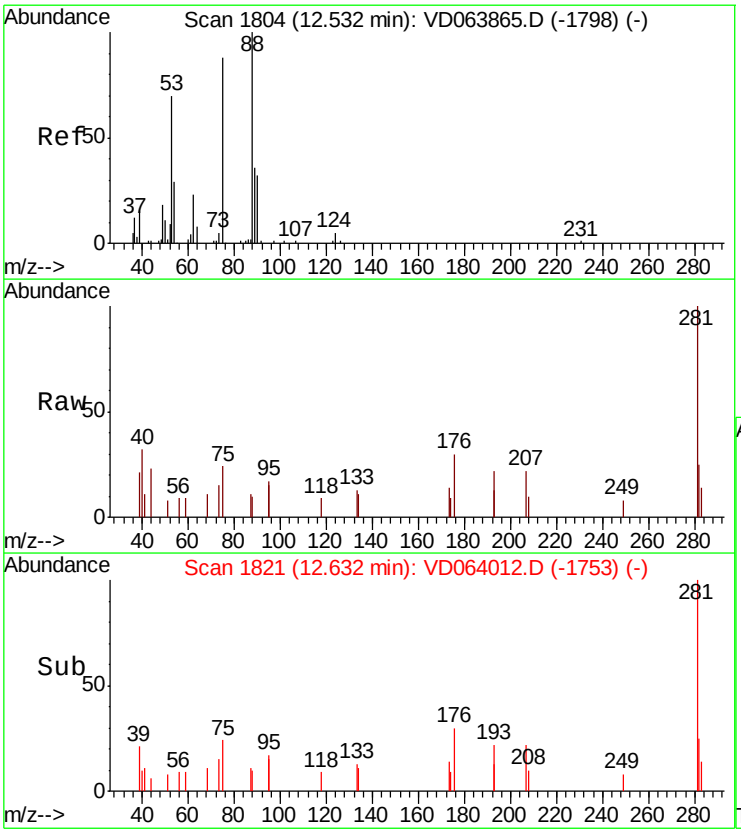
#80
1,3,5-Trimethylbenzene
Concen: 4.833 ug/l
RT: 12.79 min Scan# 1848
Delta R.T. -0.16 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 148

Ion	Ratio	Lower	Upper
105	100		
120	70.3	25.9	77.8

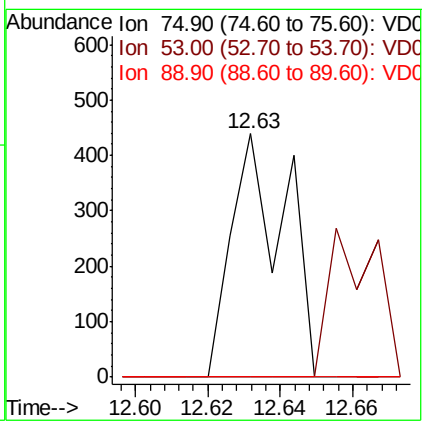


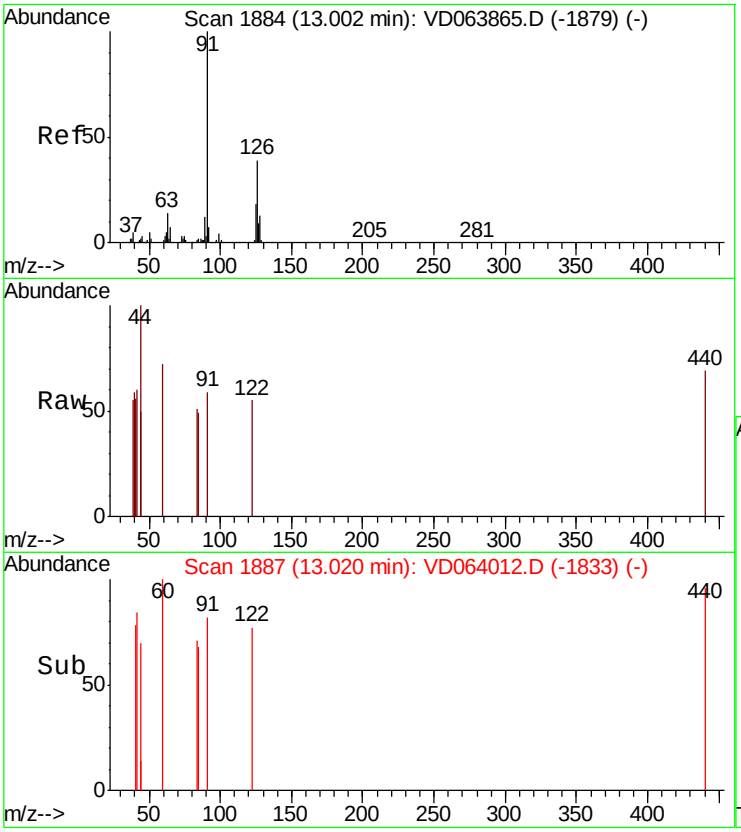


#81
trans-1,4-Dichloro-2-butene
Concen: 219.206 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 75 Resp: 453

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



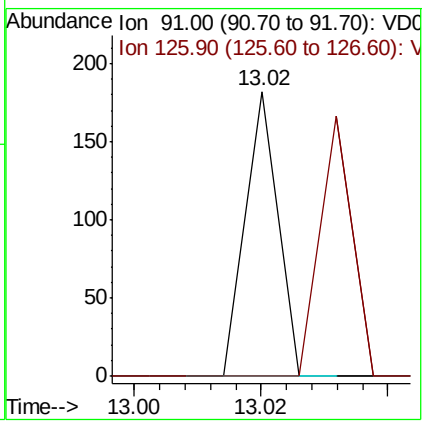


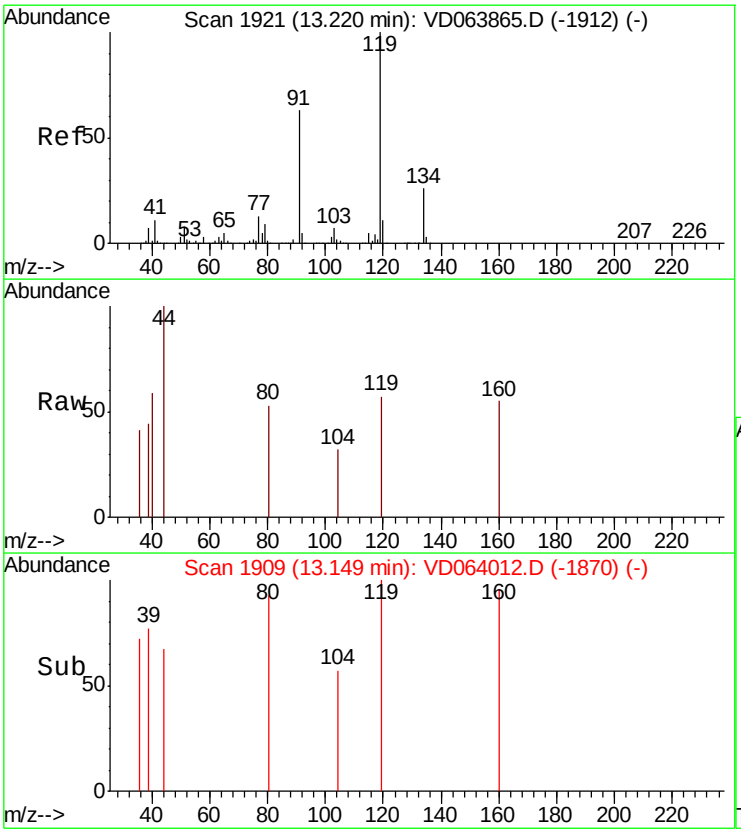
#82
4-Chlorotoluene
Concen: 2.540 ug/l
RT: 13.02 min Scan# 1887
Delta R.T. 0.02 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
126	92.2	18.6	55.8#

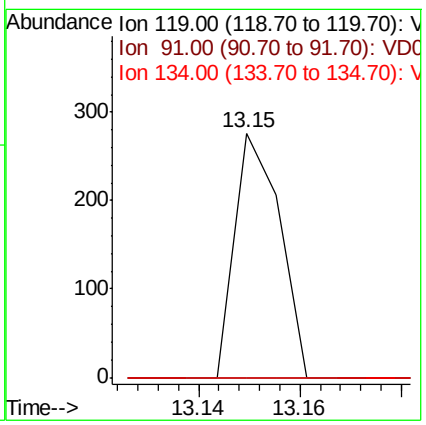


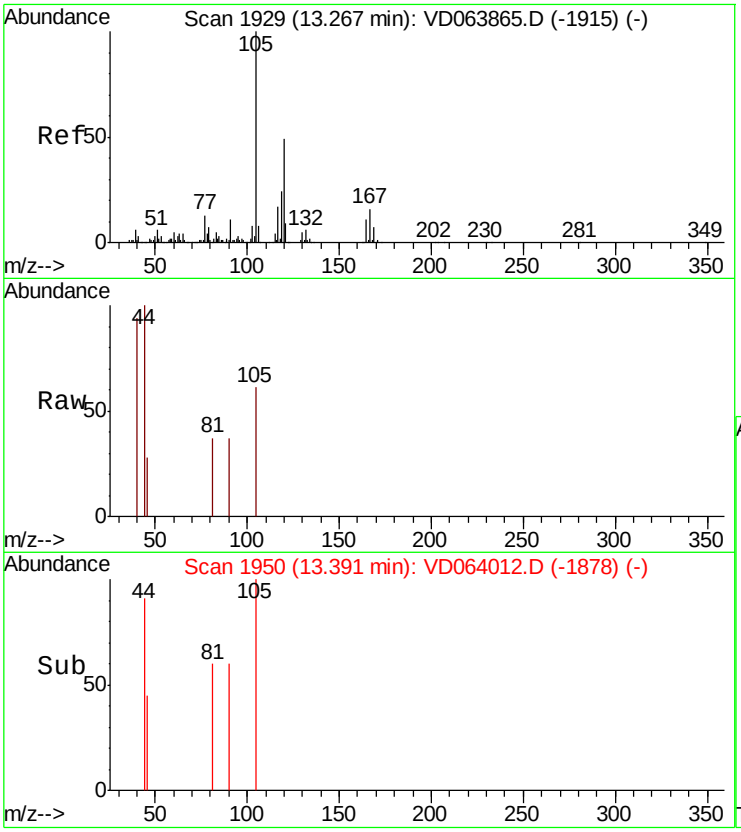


#83
tert-Butylbenzene
Concen: 6.238 ug/l
RT: 13.15 min Scan# 1909
Delta R.T. -0.07 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:119 Resp: 170

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



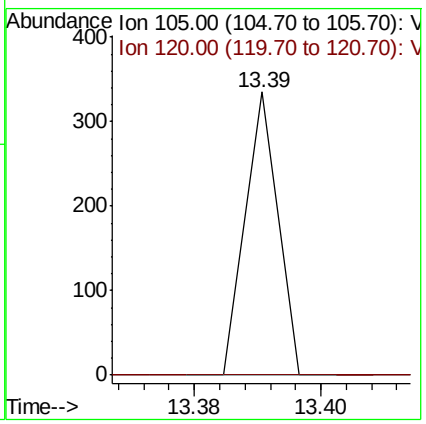


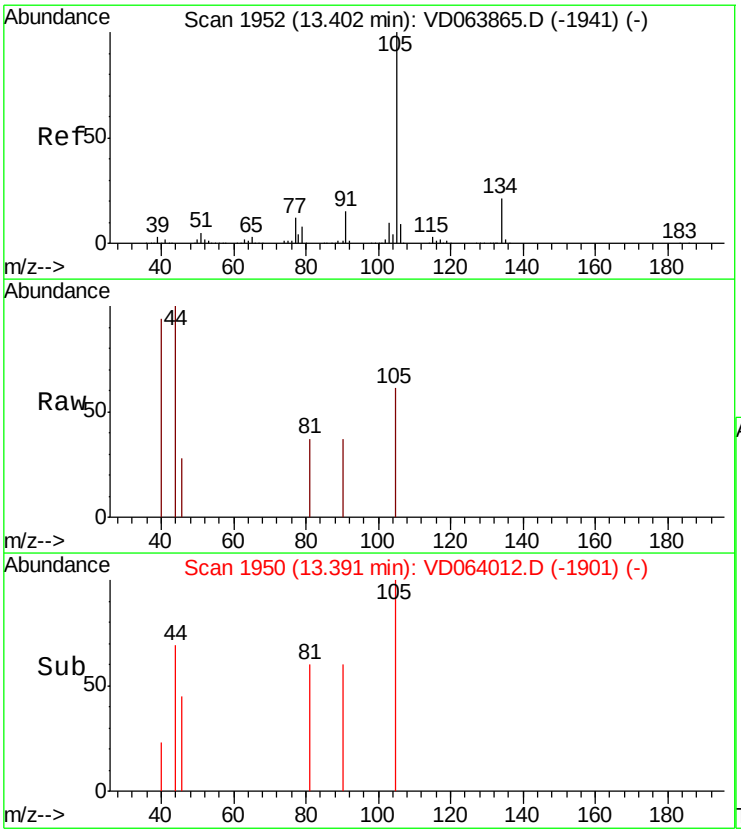
#84
1,2,4-Trimethylbenzene
Concen: 3.738 ug/l
RT: 13.39 min Scan# 1950
Delta R.T. 0.12 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 118

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.8	71.5#

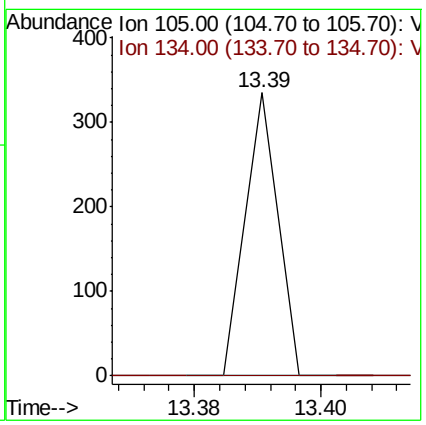


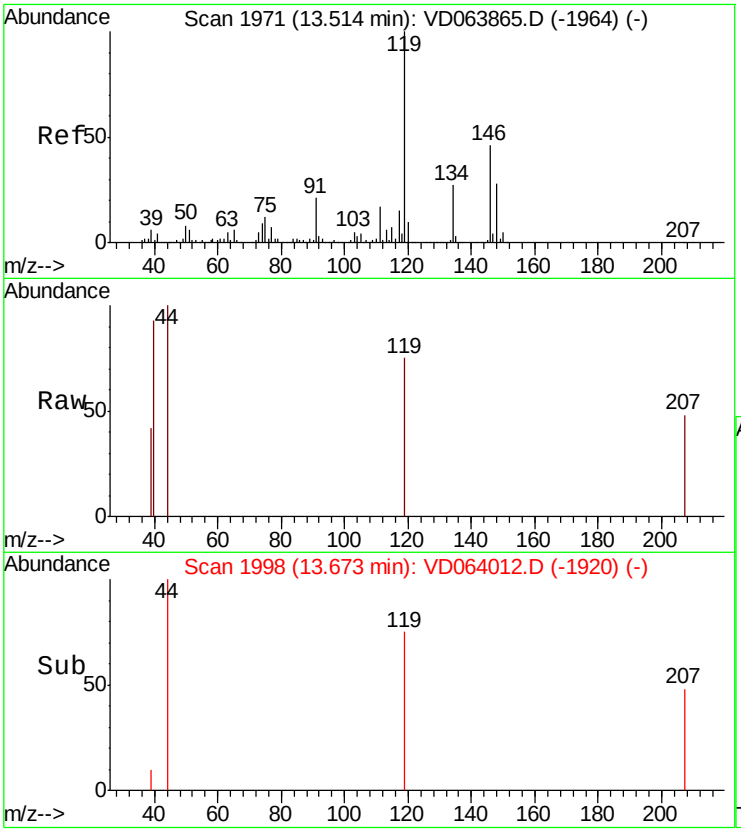


#85
sec-Butylbenzene
Concen: 3.206 ug/l
RT: 13.39 min Scan# 1950
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:105 Resp: 118

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.6	31.8#



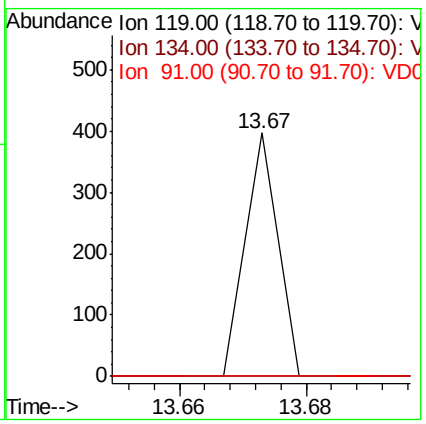


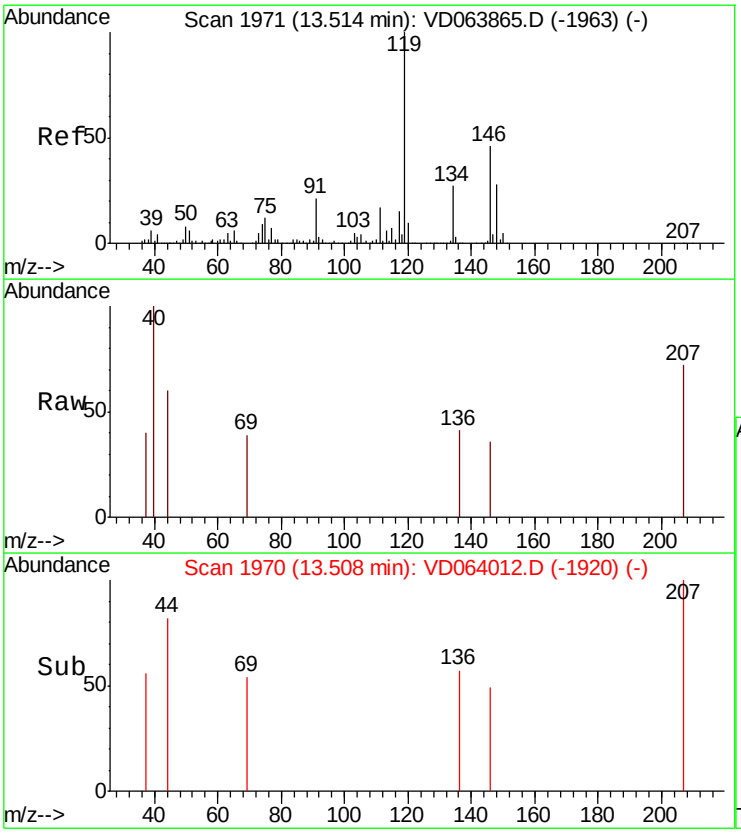
#86
p-Isopropyltoluene
Concen: 4.020 ug/l
RT: 13.67 min Scan# 1998
Delta R.T. 0.16 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 140

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

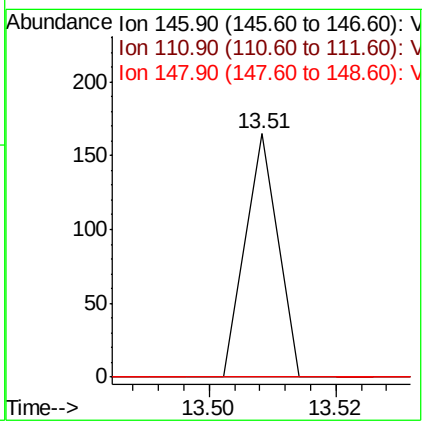


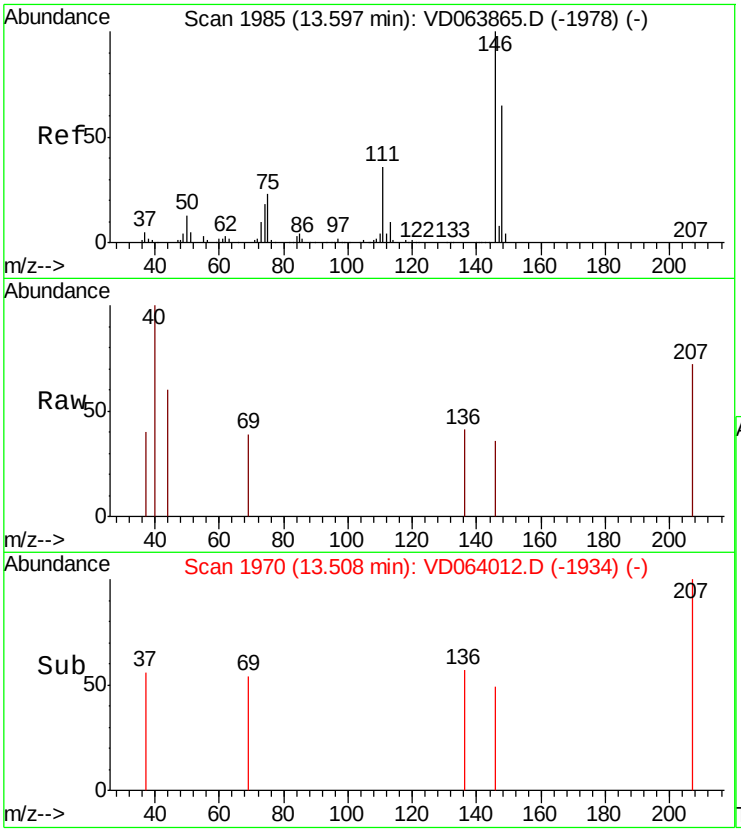


#87
1,3-Dichlorobenzene
Concen: 3.210 ug/l
RT: 13.51 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:146 Resp: 58

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



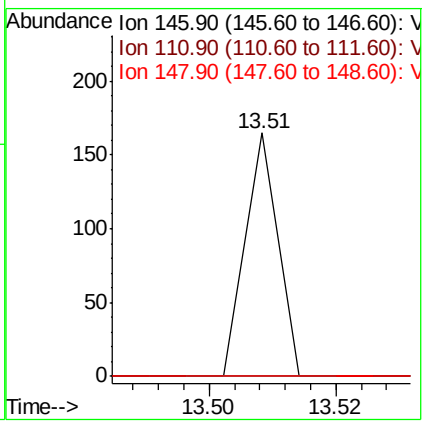


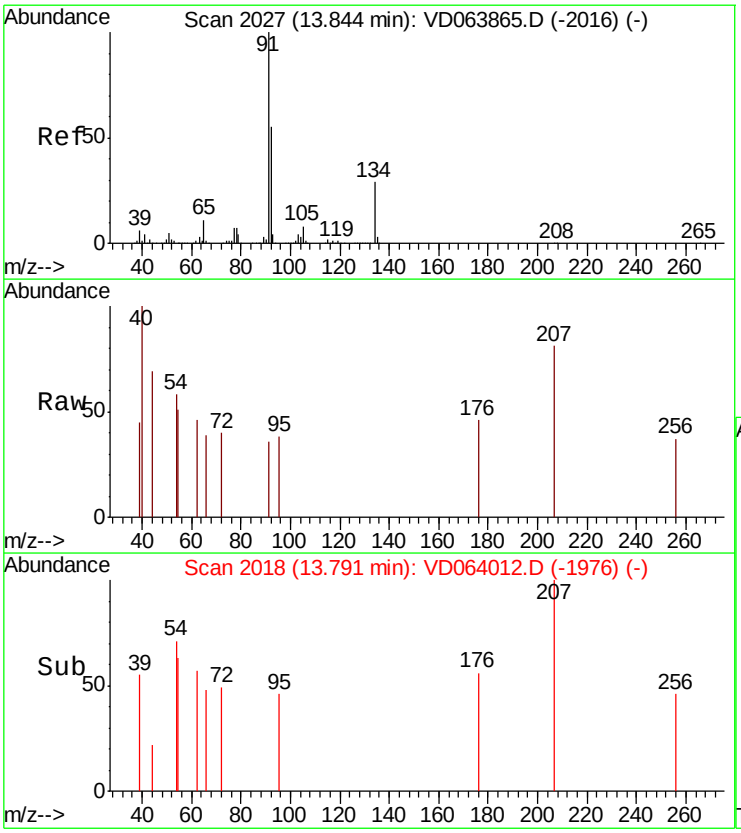
#88
1,4-Dichlorobenzene
Concen: 3.254 ug/l
RT: 13.51 min Scan# 1970
Delta R.T. -0.09 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 58

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

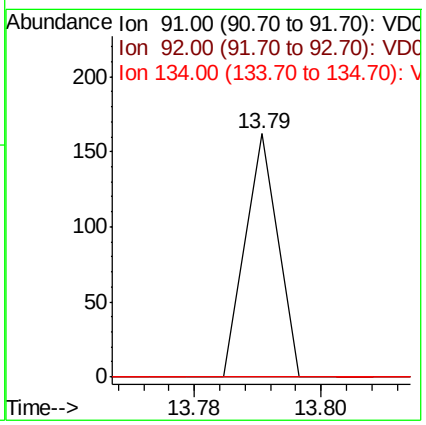


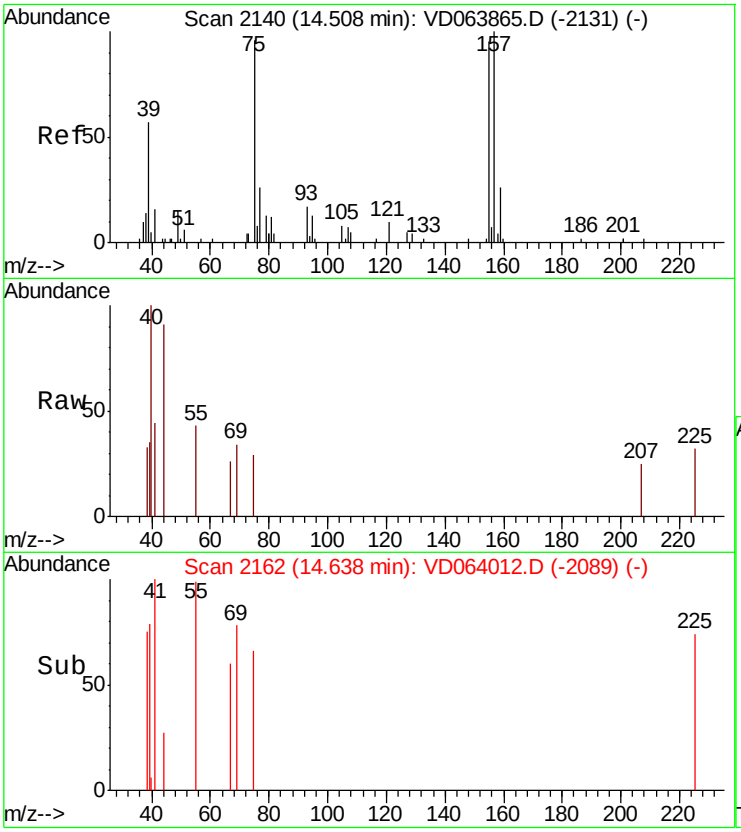


#89
n-Butylbenzene
Concen: 1.758 ug/l
RT: 13.79 min Scan# 2018
Delta R.T. -0.05 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion: 91 Resp: 57

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



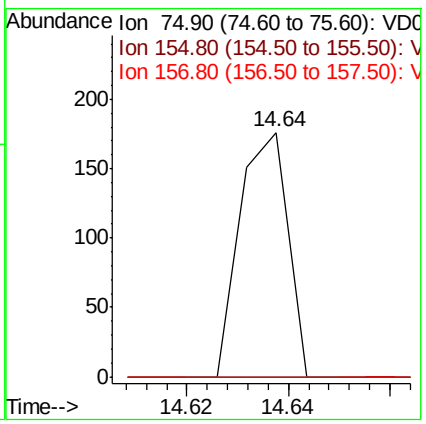


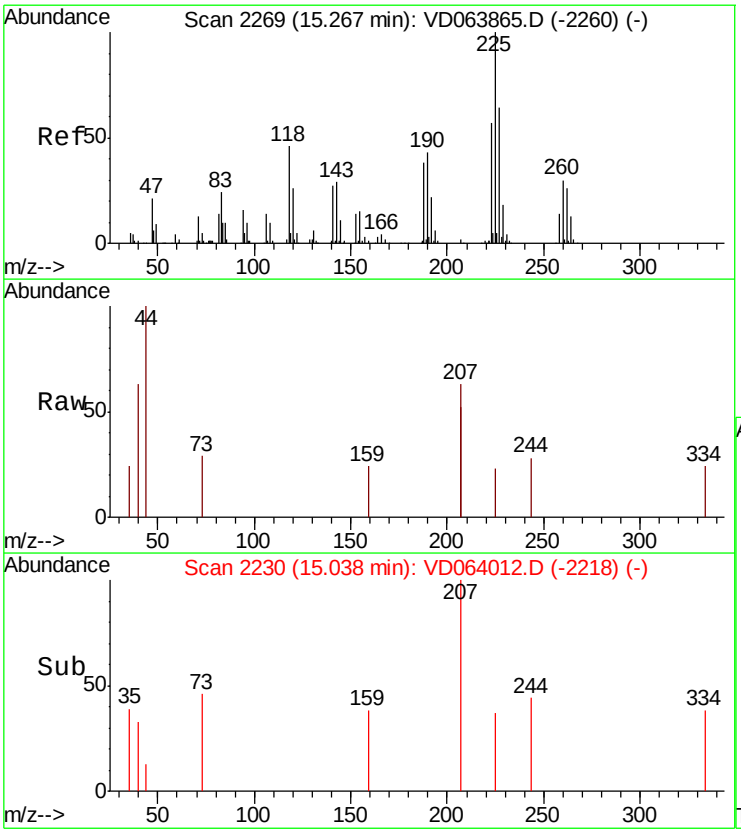
#92
1,2-Dibromo-3-Chloropropane
Concen: 119.289 ug/l
RT: 14.64 min Scan# 2162
Delta R.T. 0.13 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 115

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

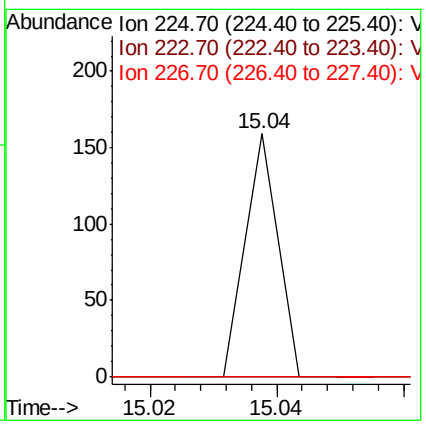


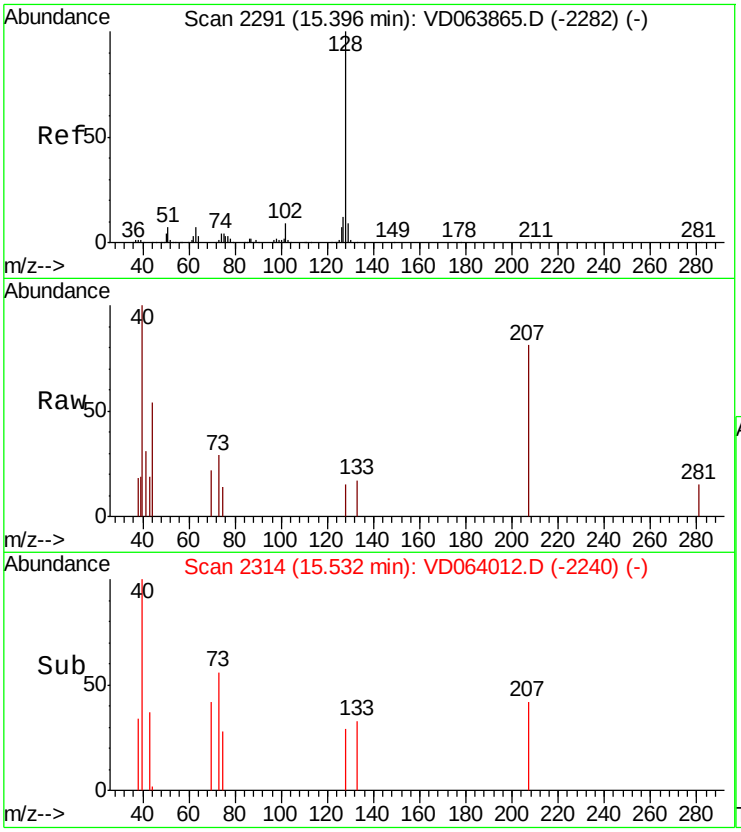


#94
Hexachlorobutadiene
Concen: 8.446 ug/l
RT: 15.04 min Scan# 2230
Delta R.T. -0.23 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Tgt Ion:225 Resp: 56

Ion	Ratio	Lower	Upper
225	100		
223	0.0	29.5	88.6#
227	0.0	30.8	92.4#





#95
Naphthalene
Concen: 2.773 ug/l
RT: 15.53 min Scan# 2314
Delta R.T. 0.14 min
Lab File: VD064012.D
Acq: 18 Oct 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 56

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