Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062514.D
Acq On : 22 May 2019 20:23
Operator : VA/AP
Sample : K2996-01RE
Misc : 7.38g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Quant Time: May 23 03:17:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	112105	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.28	114	175055	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.44	117	147177	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	14.53	152	6555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
35) Dibromofluoromethane	6.97	113	125325	79.36	ug/l	0.02
Spiked Amount 50.000			Recovery = 158.72%			
50) Toluene-d8	10.47	98	28245	8.17	ug/l	0.04
Spiked Amount 50.000			Recovery = 16.34%			
62) 4-Bromofluorobenzene	13.64	95	203754	134.78	ug/l	0.07
Spiked Amount 50.000			Recovery = 269.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	457	Below Cal	#	42
3) Chloromethane	1.82	50	187989	242.064	ug/l #	72
6) Chloroethane	2.35	64	4270	10.801	ug/l #	1
11) Tert butyl alcohol	4.04	59	1395	25.185	ug/l #	1
13) Acrolein	2.98	56	979760	21299.578	ug/l #	1
15) Acrylonitrile	4.24	53	130193	1025.753	ug/l #	43
16) Acetone	3.24	43	11814779	54942.269	ug/l #	59
17) Carbon Disulfide	3.40	76	27548	10.956	ug/l	97
19) Methyl tert-butyl Ether	4.20	73	6995	3.648	ug/l #	1
20) Methylene Chloride	3.71	84	181857	219.398	ug/l #	19
24) 1,1-Dichloroethane	4.89	63	11037	6.577	ug/l #	85
28) Bromochloromethane	6.48	49	1094	1.816	ug/l #	1
29) Tetrahydrofuran	6.74	42	748744	6970.588	ug/l #	30
30) Chloroform	6.67	83	2788652	1303.477	ug/l #	30
40) Benzene	7.55	78	3542354	1079.039	ug/l #	87
41) Methacrylonitrile	6.52	41	659075	807.117	ug/l #	70
42) 1,2-Dichloroethane	7.70	62	3374	1.941	ug/l #	1
43) Isopropyl Acetate	9.23	43	23266383	26974.372	ug/l #	43
45) 1,2-Dichloropropane	9.04	63	79102	98.874	ug/l #	1
46) Dibromomethane	9.20	93	116969	161.292	ug/l #	1
47) Bromodichloromethane	9.58	83	3618254	1961.280	ug/l #	47
48) Methyl methacrylate	9.15	41	6564357	11309.214	ug/l #	64
49) 1,4-Dioxane	8.83	88	188	36.109	ug/l #	1
52) Toluene	10.73	92	1479623	658.369	ug/l	89
53) t-1,3-Dichloropropene	10.94	75	4791	3.119	ug/l #	1
54) cis-1,3-Dichloropropene	10.21	75	2024	1.263	ug/l #	1
55) 1,1,2-Trichloroethane	11.24	97	4015657	5272.047	ug/l #	30
56) Ethyl methacrylate	11.16	69	11617774	14267.774	ug/l #	70
58) 2-Chloroethyl Vinyl ether	9.90	63	535389	1280.472	ug/l #	46
59) 2-Hexanone	11.68	43	5306226	12813.060	ug/l #	32
60) Dibromochloromethane	11.65	129	15677	10.716	ug/l	59
61) 1,2-Dibromoethane	11.97	107	80534	85.795	ug/l #	1
65) Chlorobenzene	12.49	112	33939	11.991	ug/l #	54
67) Ethyl Benzene	12.65	91	17216465	3531.603	ug/l #	75

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062514.D
Acq On : 22 May 2019 20:23
Operator : VA/AP
Sample : K2996-01RE
Misc : 7.38g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Quant Time: May 23 03:17:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
68) m/p-Xylenes	12.68	106	25774283	14728.805 ug/l	96
69) o-Xylene	13.11	106	316819	191.884 ug/l	79
70) Styrene	13.10	104	20653	7.353 ug/l #	1
73) Isopropylbenzene	13.44	105	15017638	36345.911 ug/l	90
74) N-amyl acetate	13.26	43	1478637	14489.334 ug/l #	50
75) 1,1,2,2-Tetrachloroethane	13.70	83	132042	1771.379 ug/l #	78
76) 1,2,3-Trichloropropane	13.80	75	109214	1414.502 ug/l #	1
77) Bromobenzene	13.61	156	783	6.680 ug/l #	1
78) n-propylbenzene	13.80	91	13504256	28215.710 ug/l	92
79) 2-Chlorotoluene	13.80	91	13504256	46494.523 ug/l #	38
80) 1,3,5-Trimethylbenzene	13.95	105	7128707	19926.093 ug/l	95
81) trans-1,4-Dichloro-2-buten	13.44	75	227752	10459.151 ug/l #	14
82) 4-Chlorotoluene	13.95	91	825140	2466.821 ug/l #	37
83) tert-Butylbenzene	14.27	119	3149945	7937.610 ug/l #	68
84) 1,2,4-Trimethylbenzene	14.27	105	20618294	56244.182 ug/l	82
85) sec-Butylbenzene	14.38	105	911186	2202.058 ug/l	98
86) p-Isopropyltoluene	14.50	119	348671	929.824 ug/l	86
89) n-Butylbenzene	14.80	91	1254094	3465.372 ug/l	95
90) Hexachloroethane	14.98	117	320431	3091.956 ug/l #	20
91) 1,2-Dichlorobenzene	14.89	146	259	1.472 ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	15.37	75	10713	757.151 ug/l #	1
95) Naphthalene	16.12	128	570053	3010.313 ug/l	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062514.D
Acq On : 22 May 2019 20:23
Operator : VA/AP
Sample : K2996-01RE
Misc : 7.38g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

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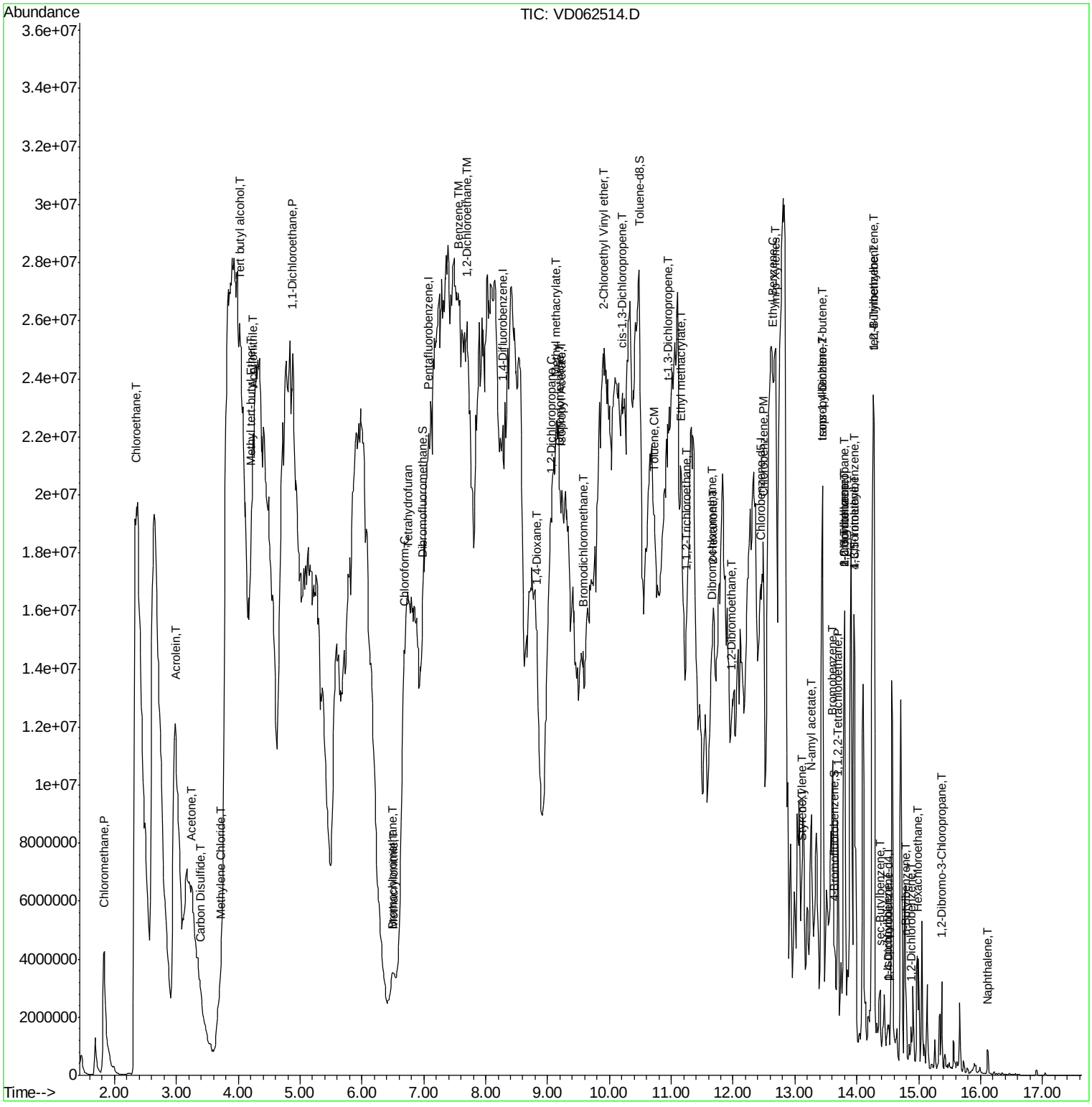
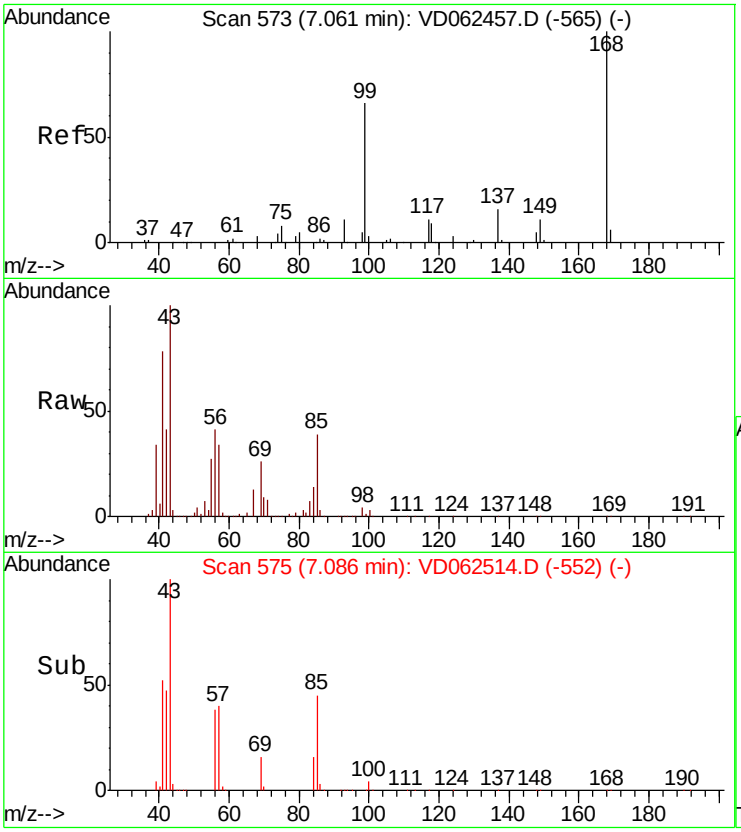
Quant Time: May 23 03:17:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration



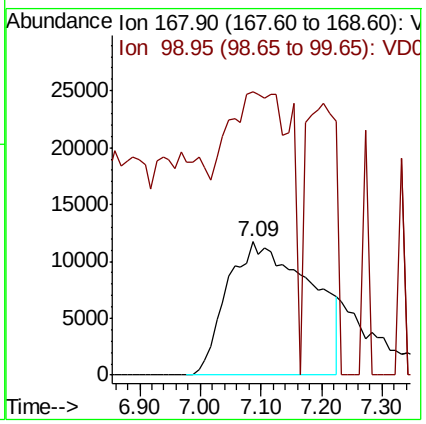


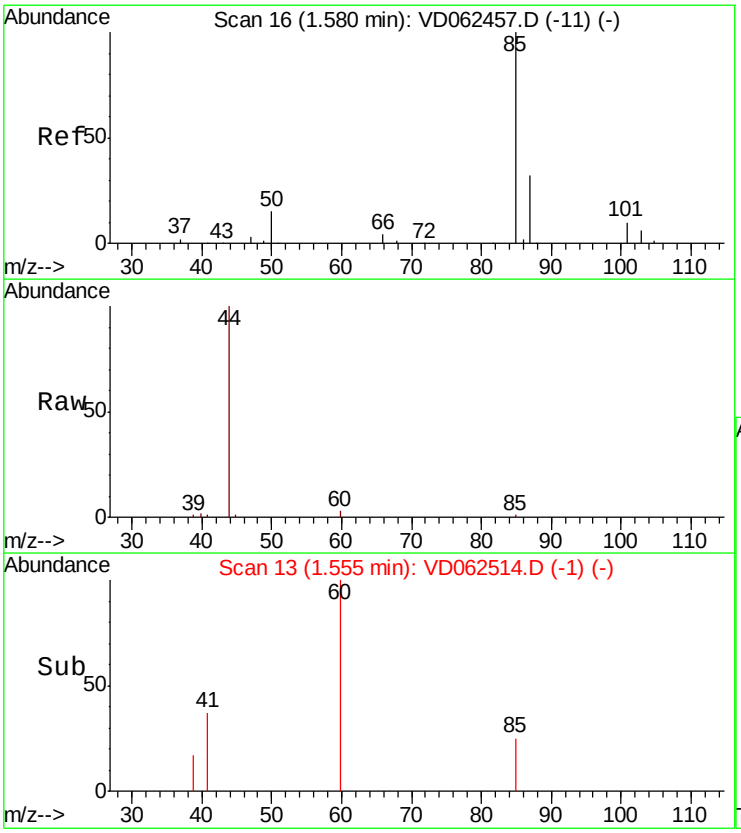
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.09 min Scan# 575
Delta R.T. 0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:168 Resp: 112105

Ion	Ratio	Lower	Upper
168	100		
99	212.0	46.5	69.7#

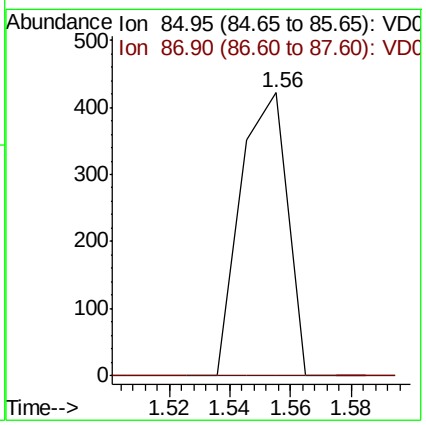


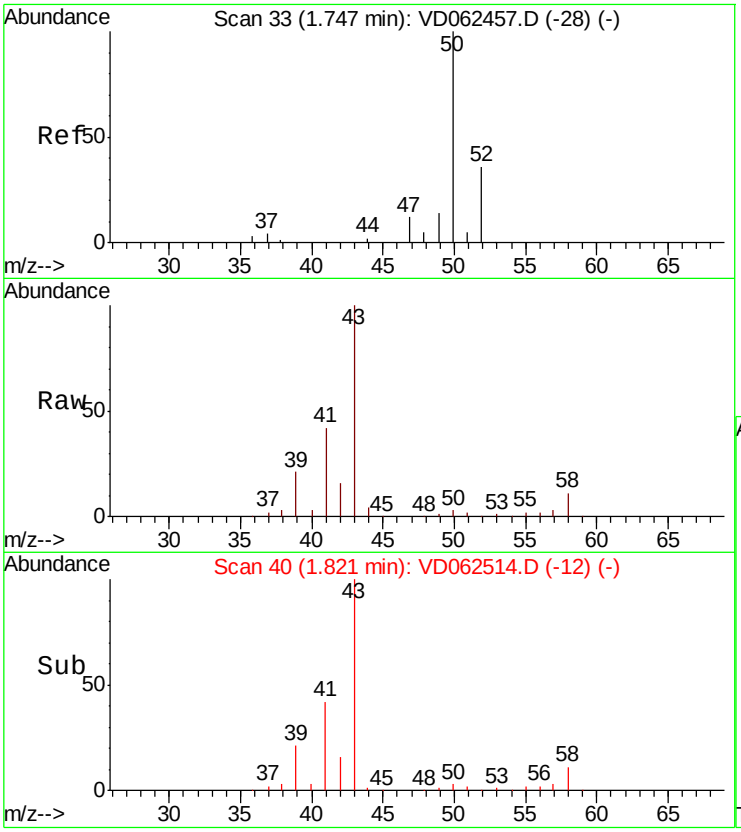


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.56 min Scan# 13
Delta R.T. -0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 85 Resp: 457

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



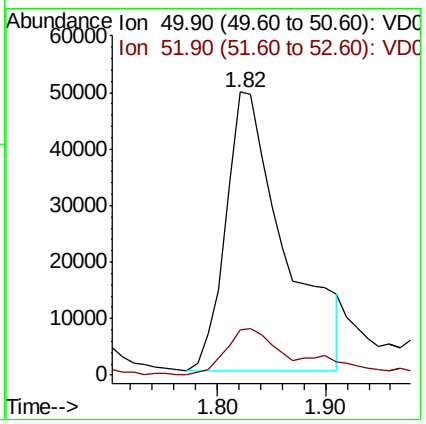


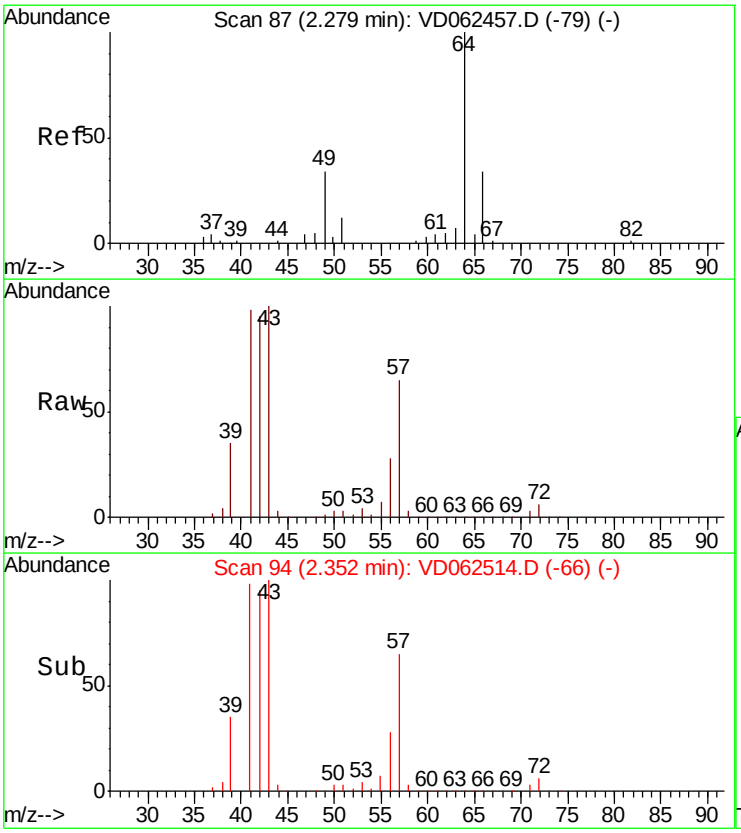
#3
Chloromethane
Concen: 242.064 ug/l
RT: 1.82 min Scan# 40
Delta R.T. 0.07 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 50 Resp: 187989

Ion	Ratio	Lower	Upper
50	100		
52	15.8	25.2	37.8#

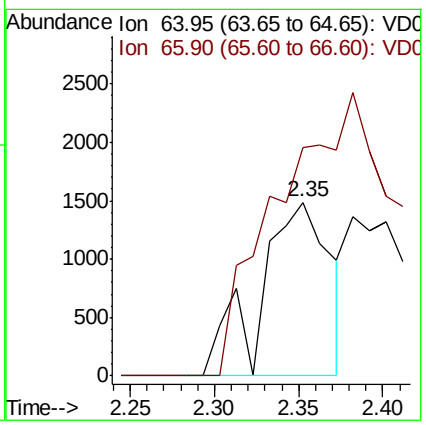


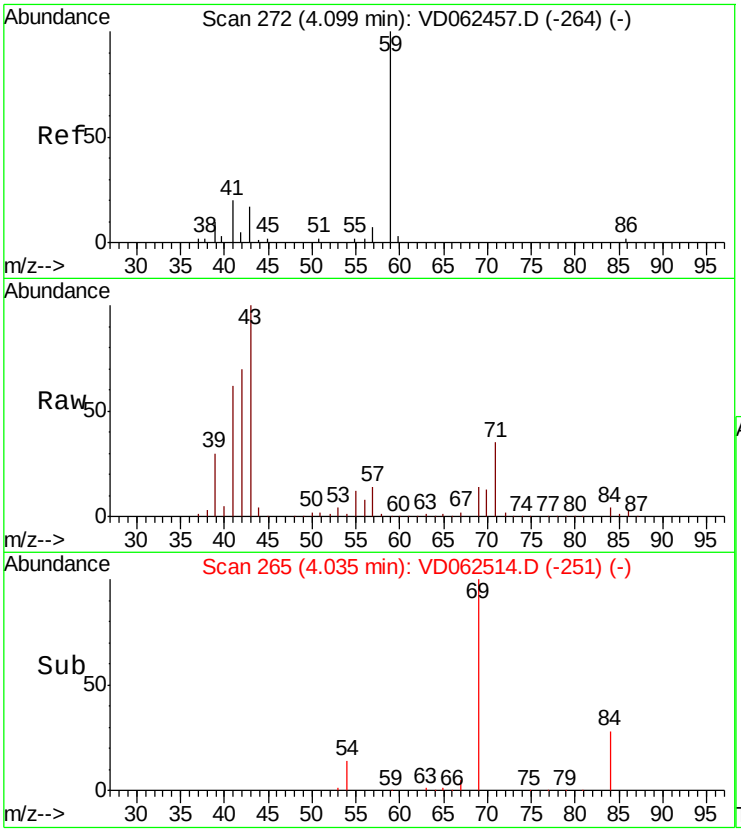


#6
Chloroethane
Concen: 10.801 ug/l
RT: 2.35 min Scan# 94
Delta R.T. 0.07 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 64 Resp: 4270

Ion	Ratio	Lower	Upper
64	100		
66	131.9	25.6	38.4#



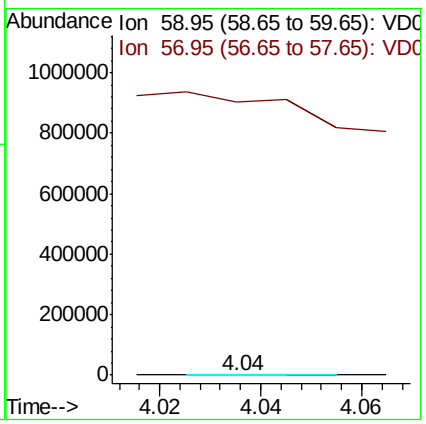


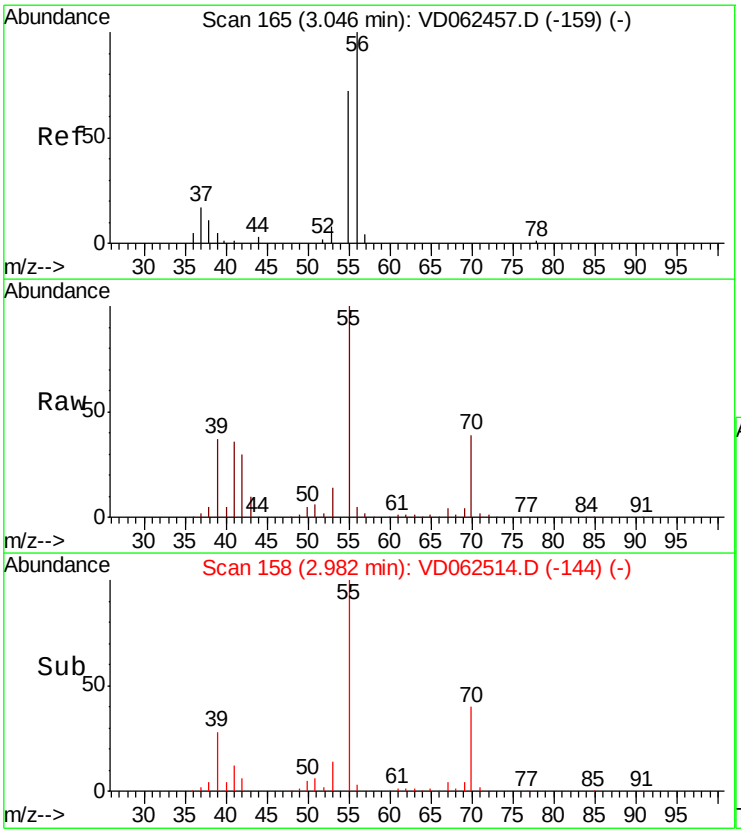
#11
Tert butyl alcohol
Concen: 25.185 ug/l
RT: 4.04 min Scan# 265
Delta R.T. -0.06 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Tgt Ion: 59 Resp: 1395

Ion	Ratio	Lower	Upper
59	100		
57	93795.6	6.9	10.3#

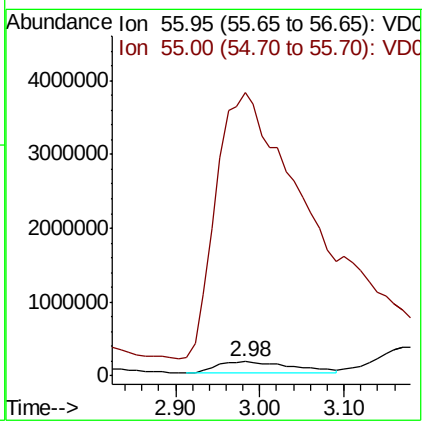


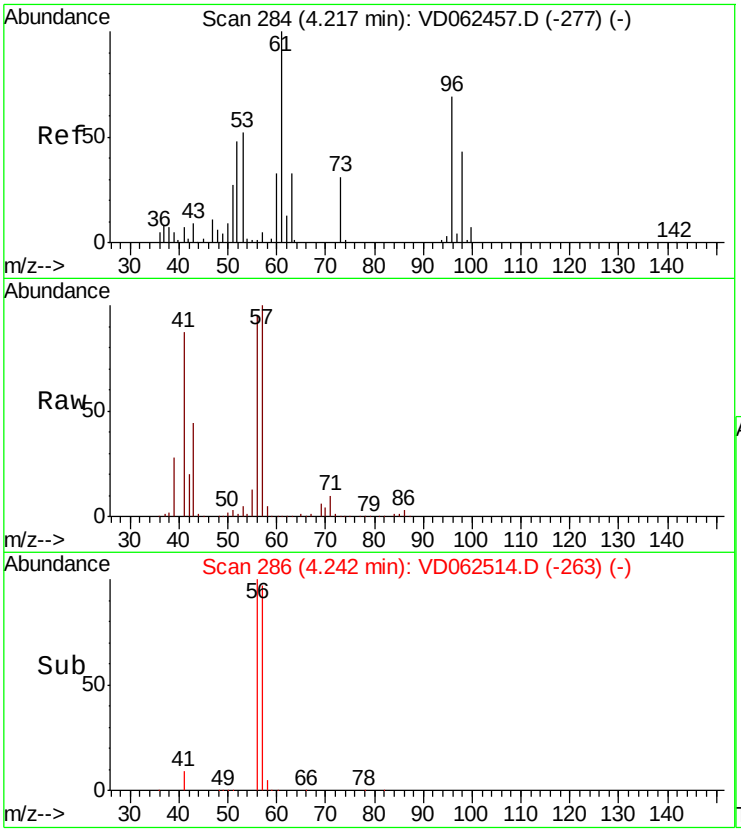


#13
Acrolein
Concen: 21299.578 ug/l
RT: 2.98 min Scan# 158
Delta R.T. -0.06 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 56 Resp: 979760

Ion	Ratio	Lower	Upper
56	100		
55	1949.6	51.4	77.2#



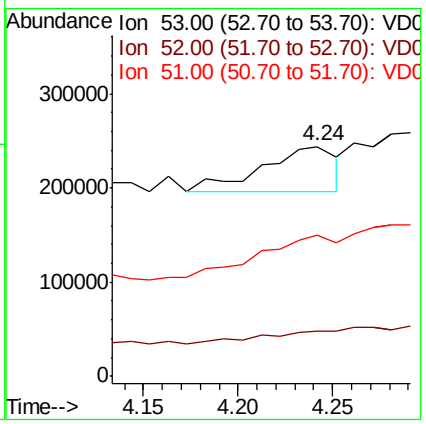


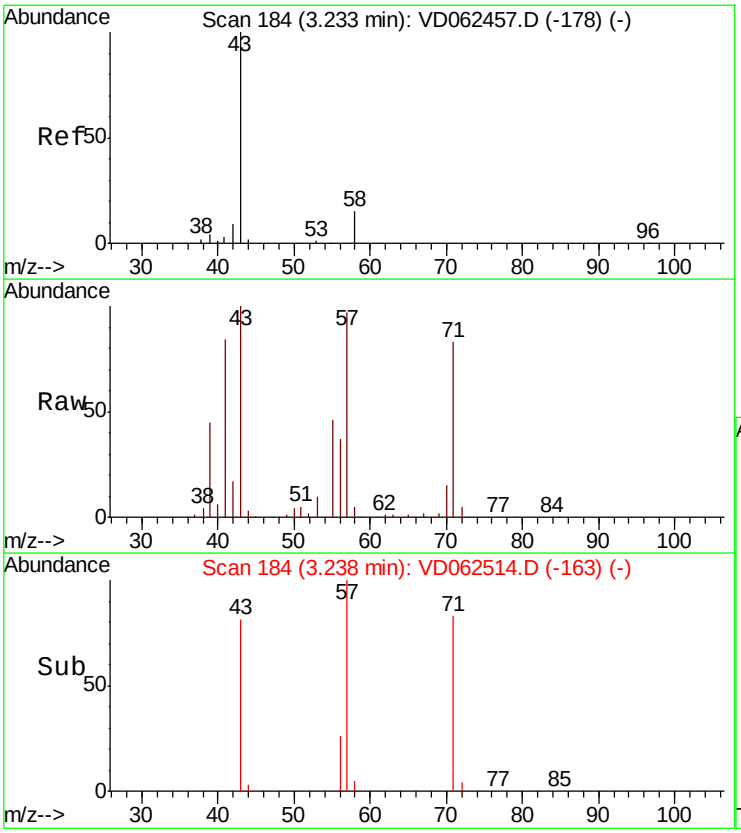
#15
Acrylonitrile
Concen: 1025.753 ug/l
RT: 4.24 min Scan# 286
Delta R.T. 0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 53 Resp: 130193

Ion	Ratio	Lower	Upper
53	100		
52	19.5	65.0	97.4#
51	61.2	32.6	48.8#

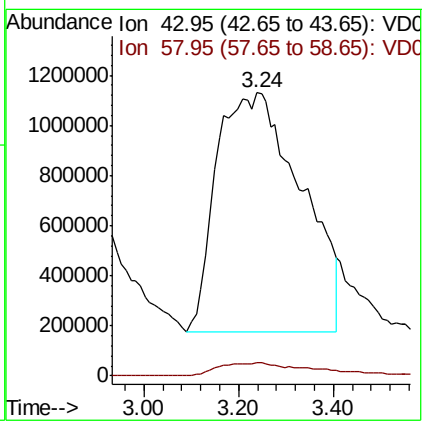


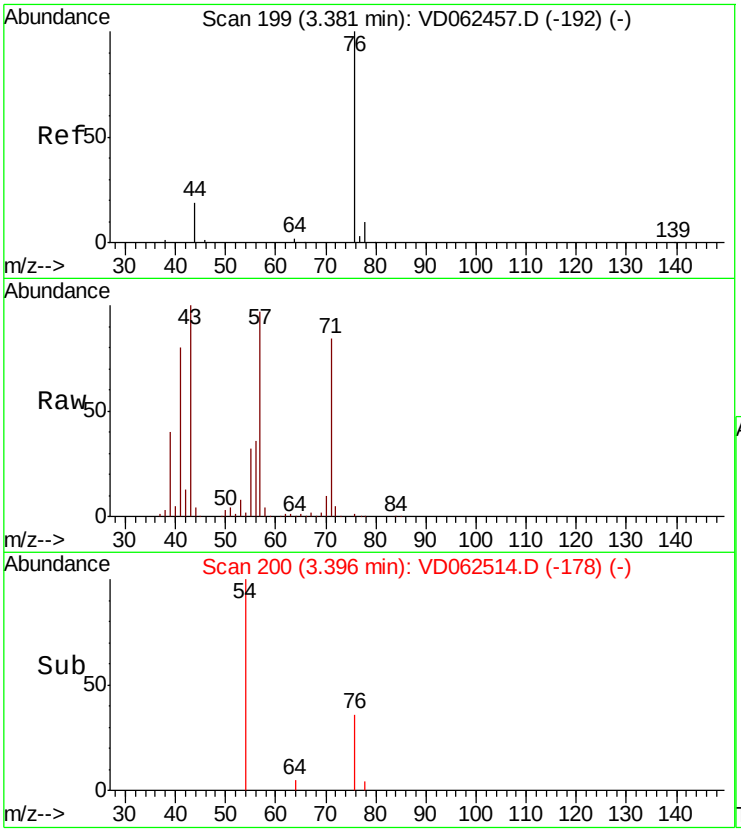


#16
Acetone
Concen: 54942.269 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 43 Resp:11814779

Ion	Ratio	Lower	Upper
43	100		
58	4.6	19.9	29.9#



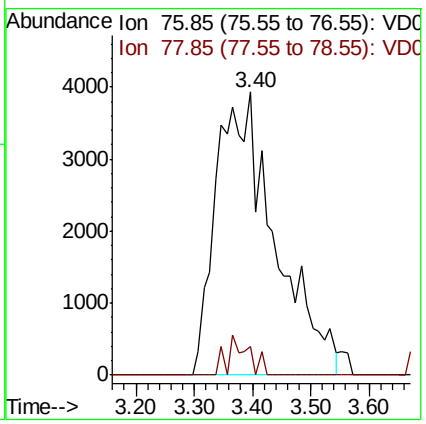


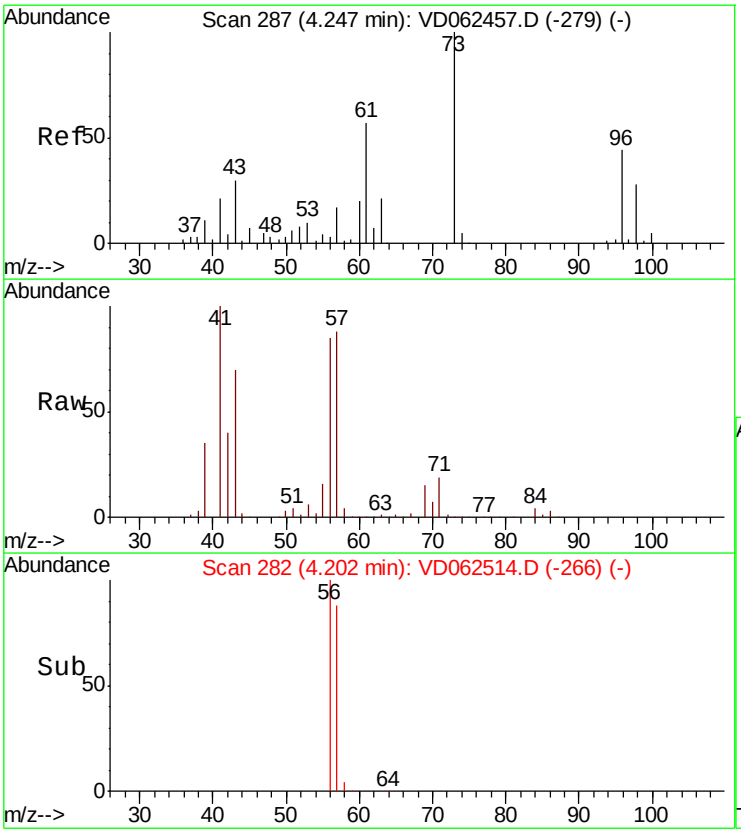
#17
Carbon Disulfide
Concen: 10.956 ug/l
RT: 3.40 min Scan# 200
Delta R.T. 0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Tgt Ion: 76 Resp: 27548

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.2	10.8

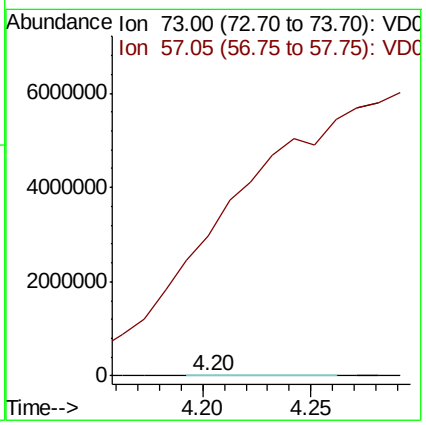


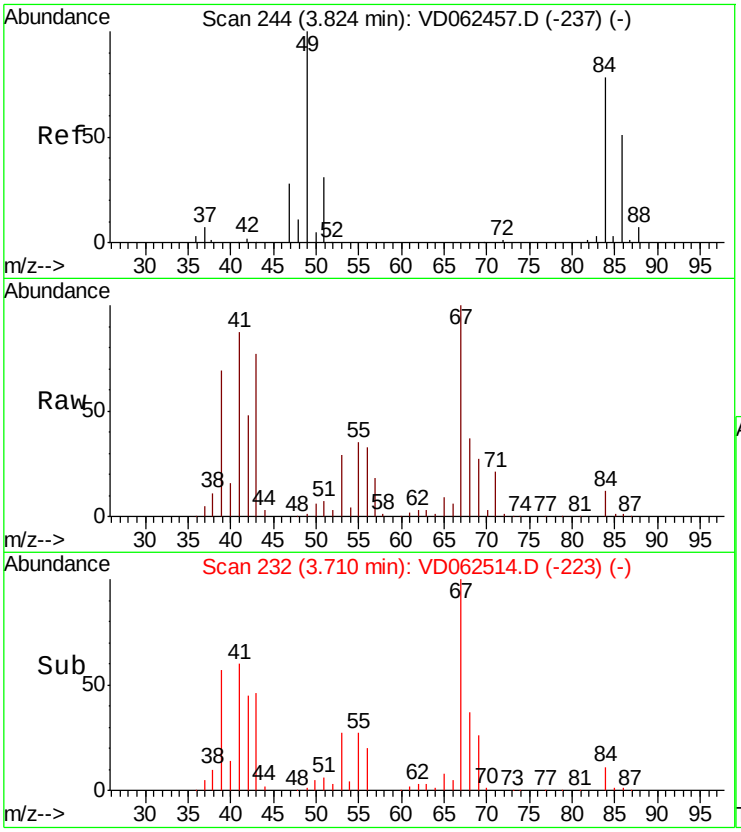


#19
Methyl tert-butyl Ether
Concen: 3.648 ug/l
RT: 4.20 min Scan# 282
Delta R.T. -0.04 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 73 Resp: 6995

Ion	Ratio	Lower	Upper
73	100		
57	150878.0	16.3	24.5#



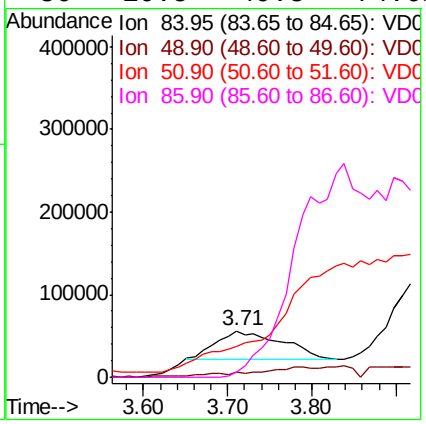


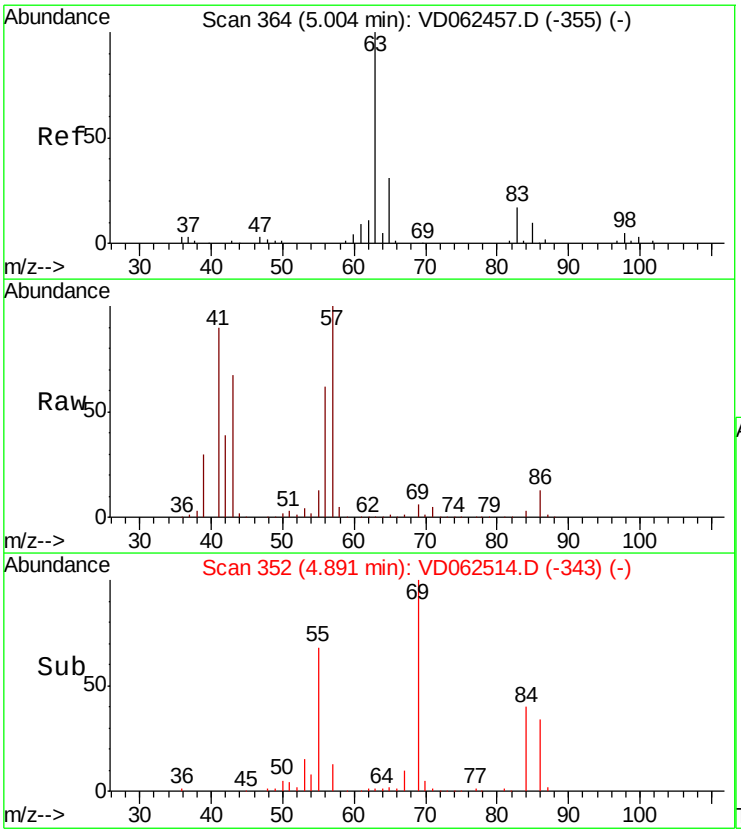
#20
Methylene Chloride
Concen: 219.398 ug/l
RT: 3.71 min Scan# 232
Delta R.T. -0.11 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Tgt Ion: 84 Resp: 181857

Ion	Ratio	Lower	Upper
84	100		
49	9.7	94.0	141.0#
51	64.7	29.0	43.4#
86	10.5	49.8	74.6#

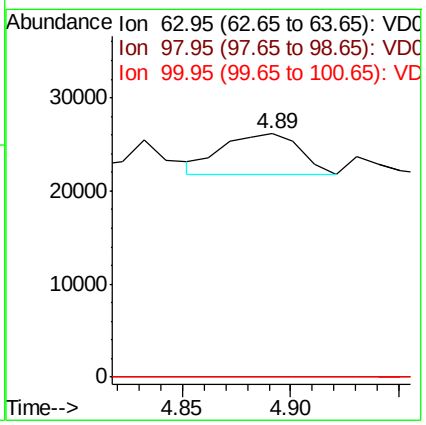


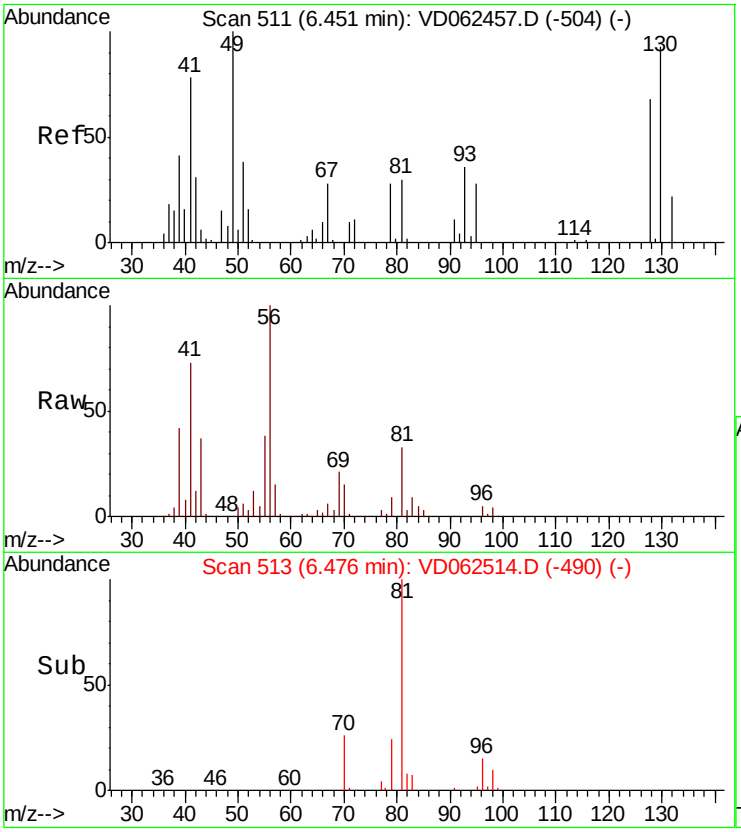


#24
1,1-Dichloroethane
Concen: 6.577 ug/l
RT: 4.89 min Scan# 352
Delta R.T. -0.11 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 63 Resp: 11037

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.8	8.4#
100	0.0	1.8	5.5#



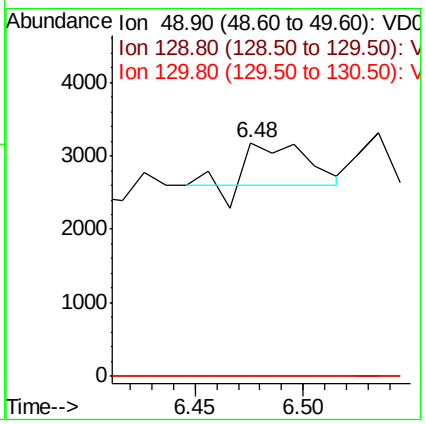


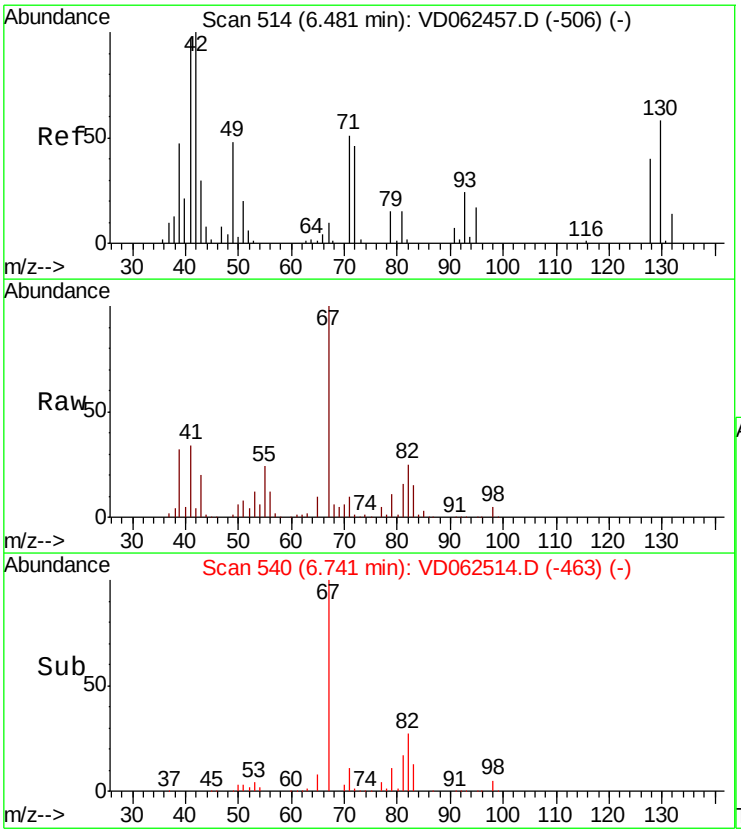
#28
Bromochloromethane
Concen: 1.816 ug/l
RT: 6.48 min Scan# 513
Delta R.T. 0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 49 Resp: 1094

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.6
130	0.0	86.7	130.1#

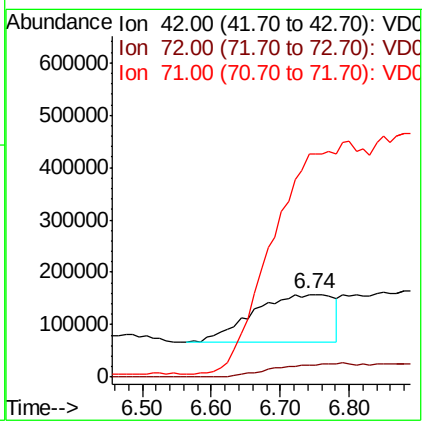


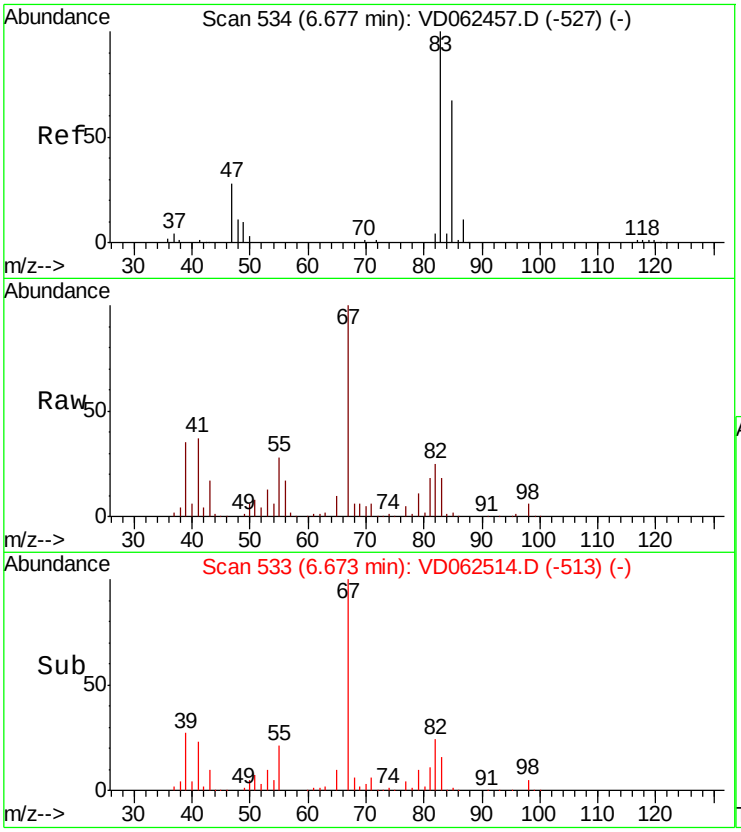


#29
Tetrahydrofuran
Concen: 6970.588 ug/l
RT: 6.74 min Scan# 540
Delta R.T. 0.26 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 42 Resp: 748744

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	36.7	55.1#



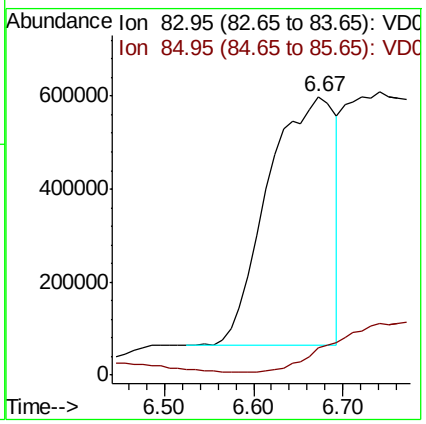


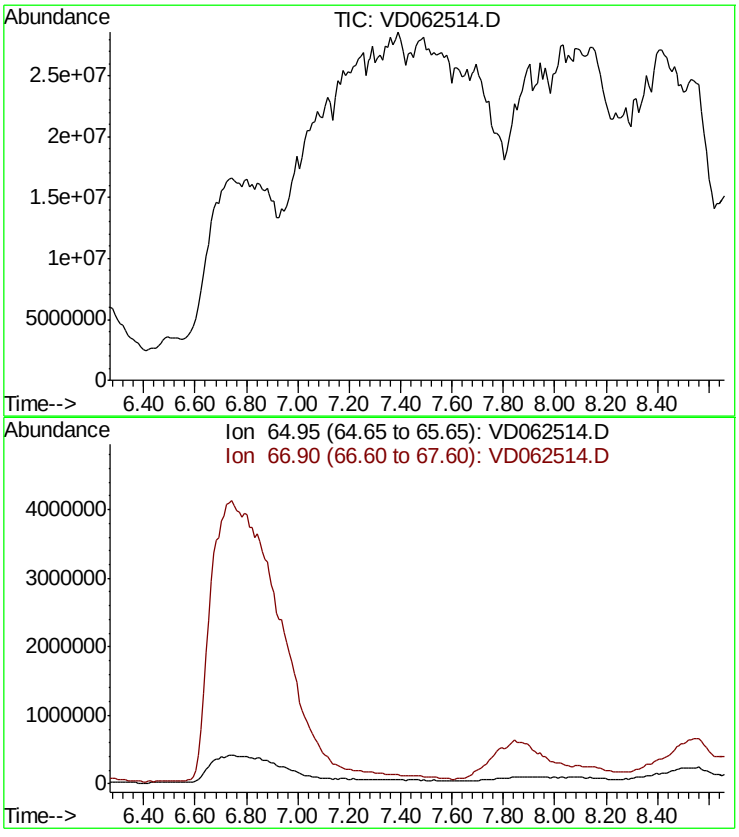
#30
Chloroform
Concen: 1303.477 ug/l
RT: 6.67 min Scan# 533
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 83 Resp: 2788652

Ion	Ratio	Lower	Upper
83	100		
85	9.7	51.7	77.5#



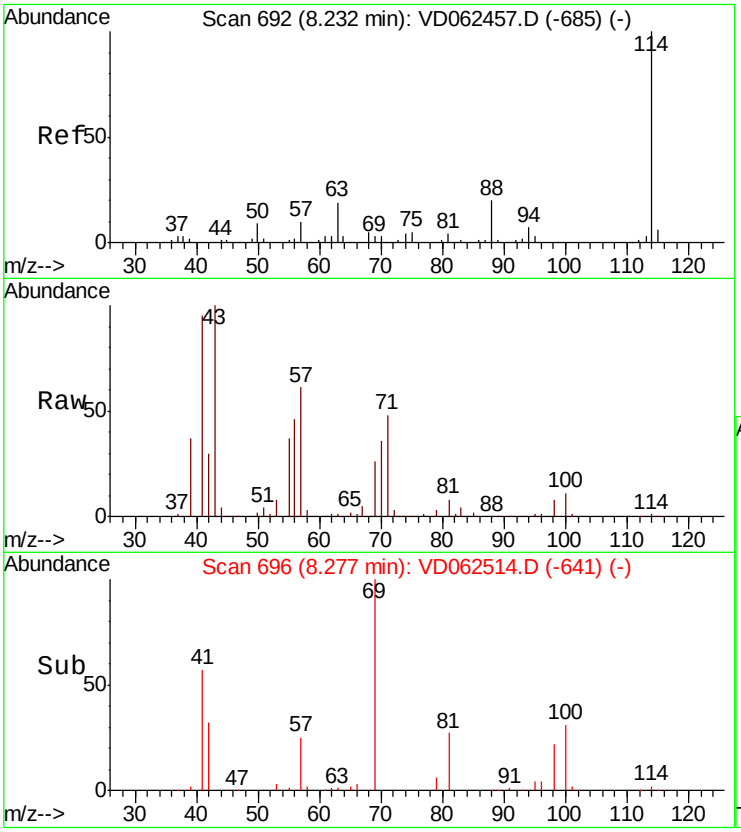


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 7.46 min

Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	49.0

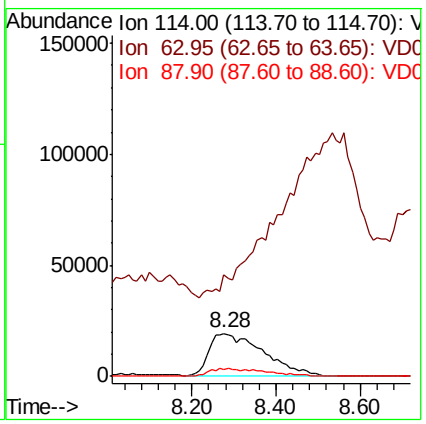


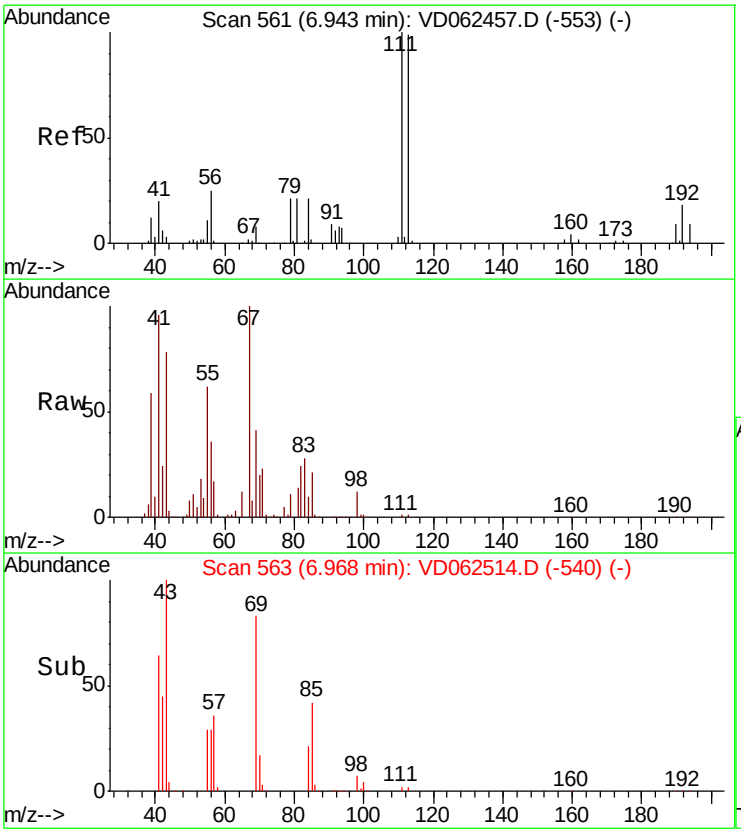
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.28 min Scan# 696
Delta R.T. 0.04 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:114 Resp: 175055

Ion	Ratio	Lower	Upper
114	100		
63	236.4	0.0	32.4#
88	16.2	0.0	33.6

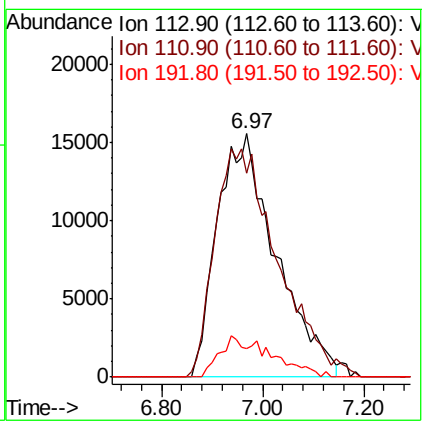


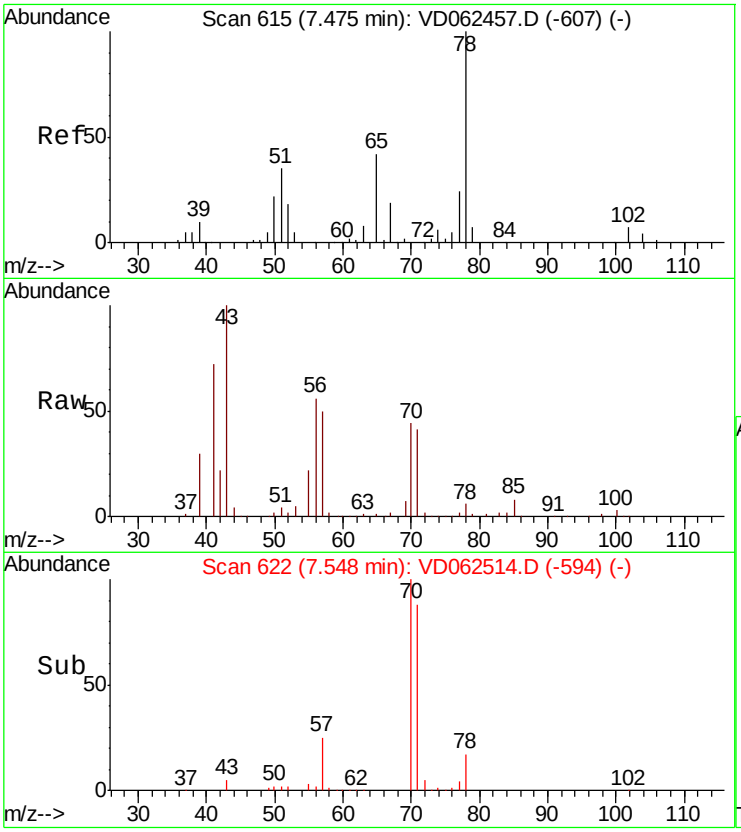


#35
Dibromofluoromethane
Concen: 79.359 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:113 Resp: 125325

Ion	Ratio	Lower	Upper
113	100		
111	83.8	78.5	117.7
192	11.7	13.0	19.4#



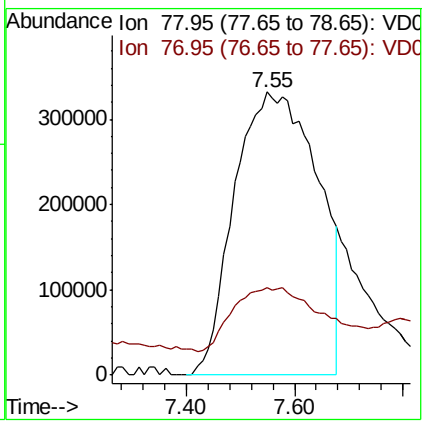


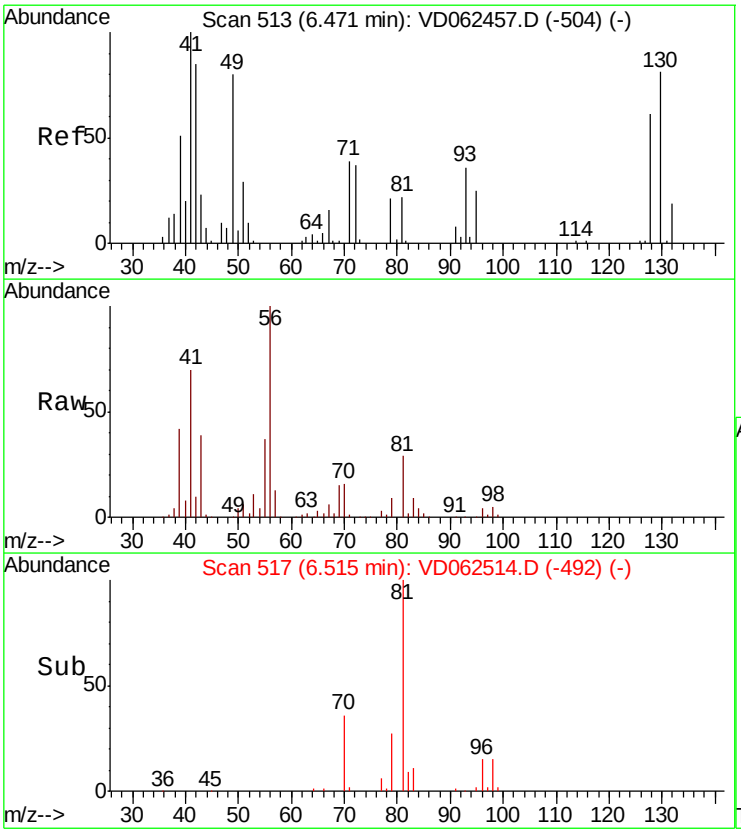
#40
Benzene
Concen: 1079.039 ug/l
RT: 7.55 min Scan# 622
Delta R.T. 0.07 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 78 Resp: 3542354

Ion	Ratio	Lower	Upper
78	100		
77	31.0	19.7	29.5#

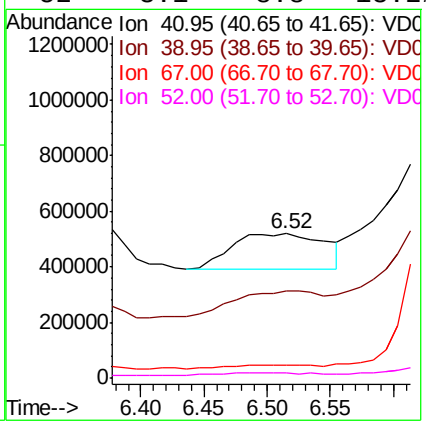


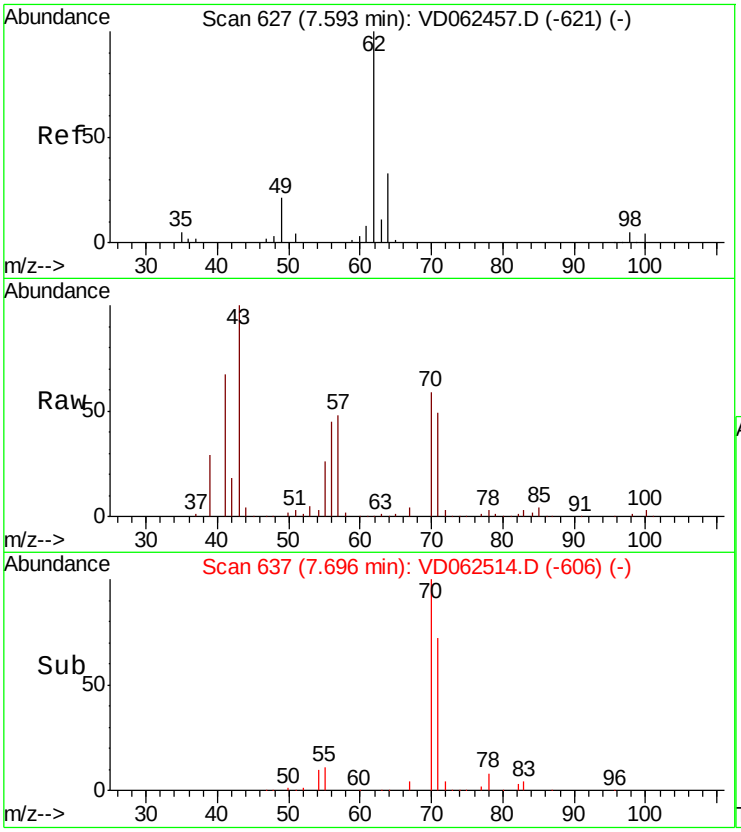


#41
Methacrylonitrile
Concen: 807.117 ug/l
RT: 6.52 min Scan# 517
Delta R.T. 0.04 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 41 Resp: 659075

Ion	Ratio	Lower	Upper
41	100		
39	59.8	34.1	51.1#
67	9.2	23.8	35.6#
52	3.1	8.8	13.2#



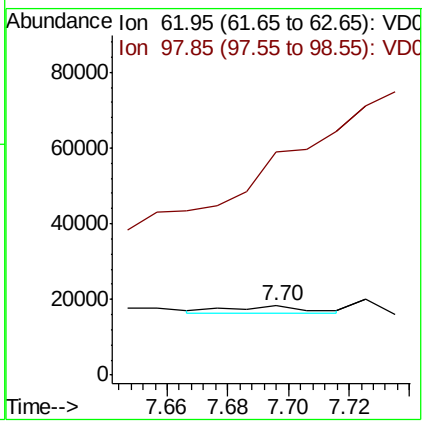


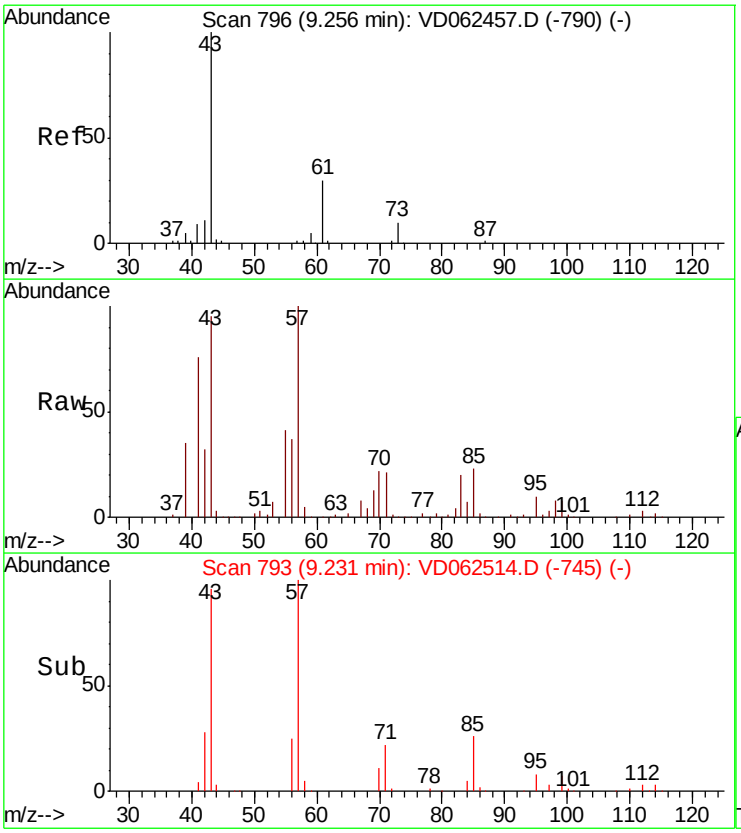
#42
1,2-Dichloroethane
Concen: 1.941 ug/l
RT: 7.70 min Scan# 637
Delta R.T. 0.10 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 62 Resp: 3374

Ion	Ratio	Lower	Upper
62	100		
98	321.2	0.0	17.8#

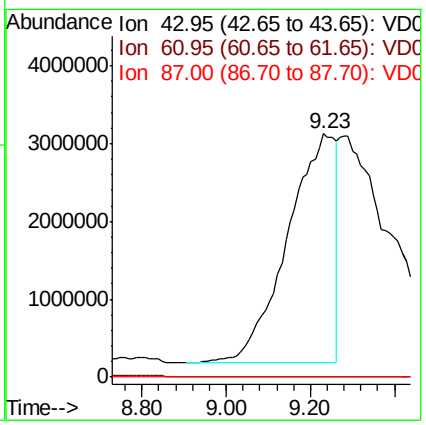


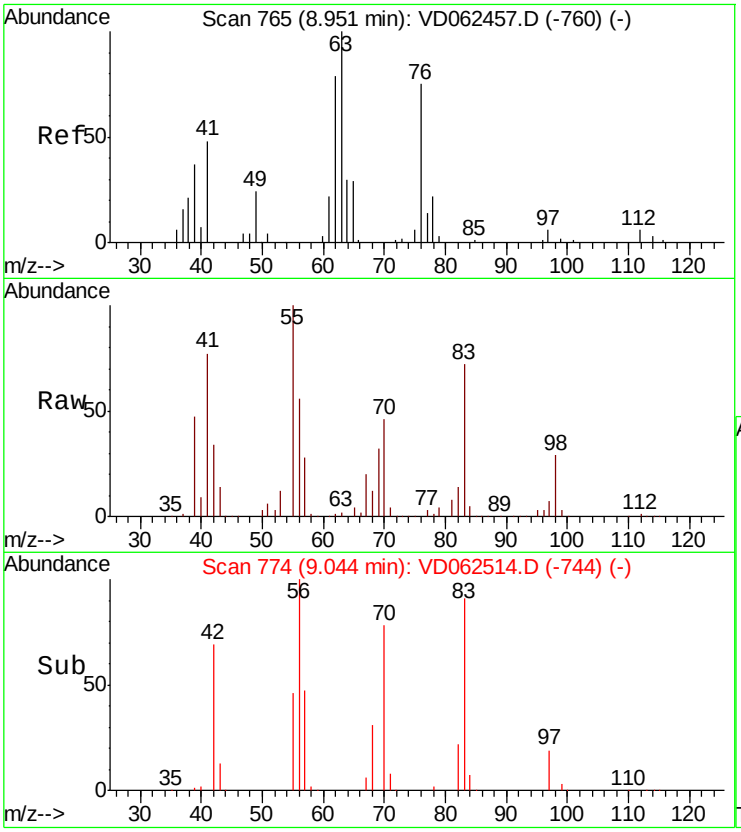


#43
Isopropyl Acetate
Concen: 26974.372 ug/l
RT: 9.23 min Scan# 793
Delta R.T. -0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 43 Resp:23266383

Ion	Ratio	Lower	Upper
43	100		
61	0.1	25.1	37.7#
87	0.1	0.0	0.0#



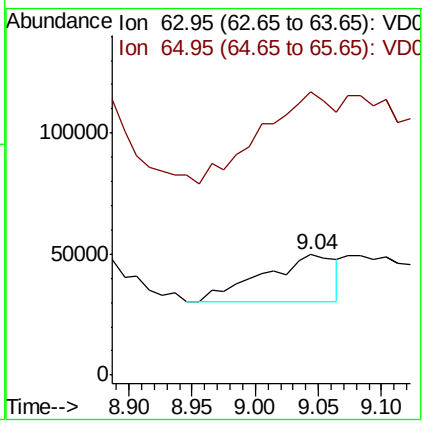


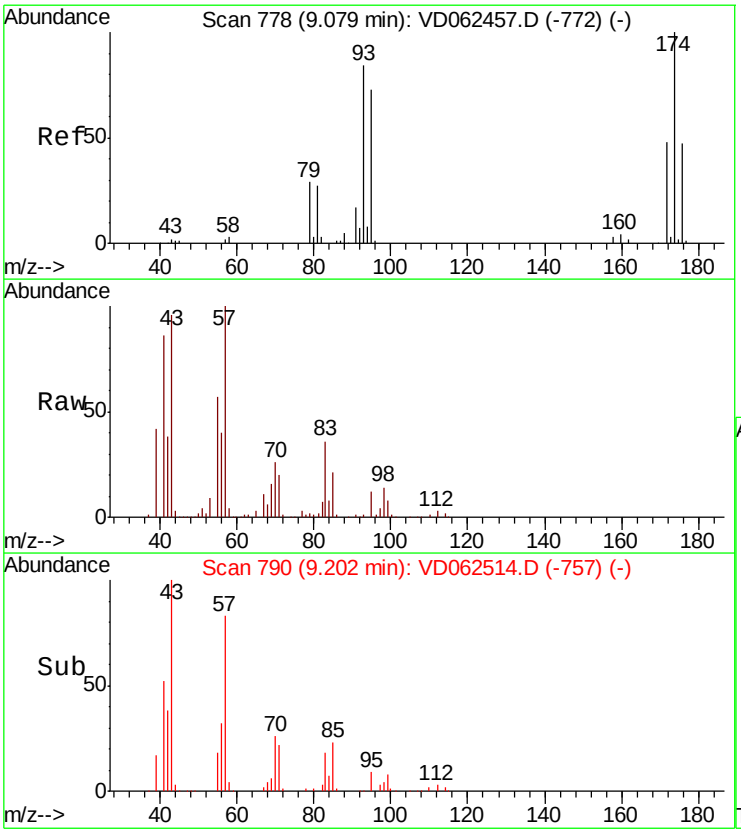
#45
1,2-Dichloropropane
Concen: 98.874 ug/l
RT: 9.04 min Scan# 774
Delta R.T. 0.09 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 63 Resp: 79102

Ion	Ratio	Lower	Upper
63	100		
65	235.2	23.8	35.6#

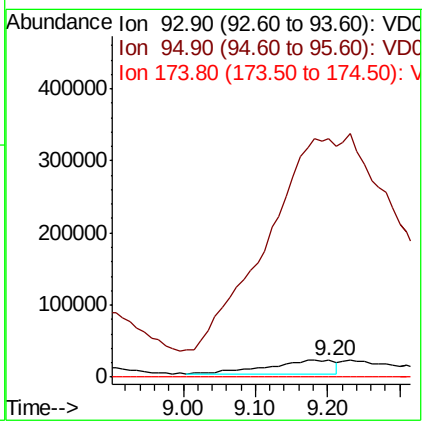


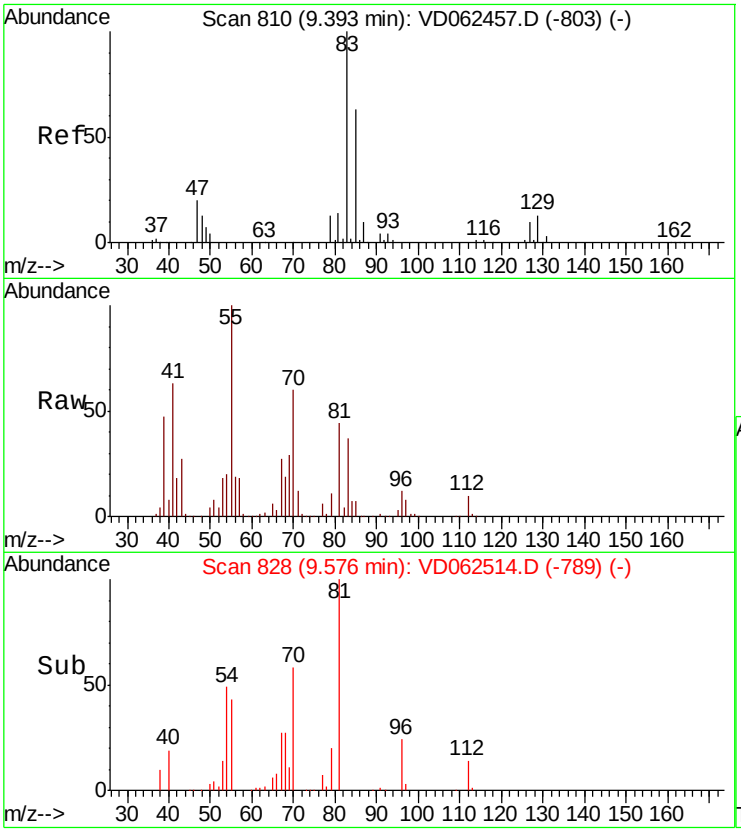


#46
Dibromomethane
Concen: 161.292 ug/l
RT: 9.20 min Scan# 790
Delta R.T. 0.12 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 93 Resp: 116969

Ion	Ratio	Lower	Upper
93	100		
95	1408.8	64.8	97.2#
174	0.0	79.3	118.9#



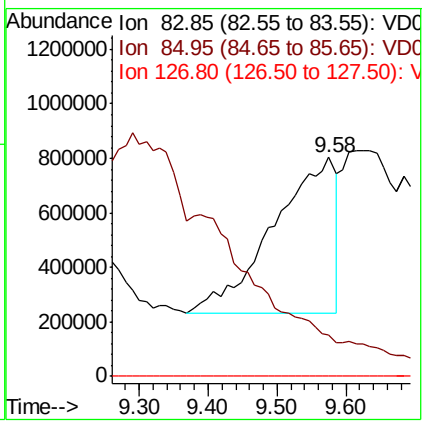


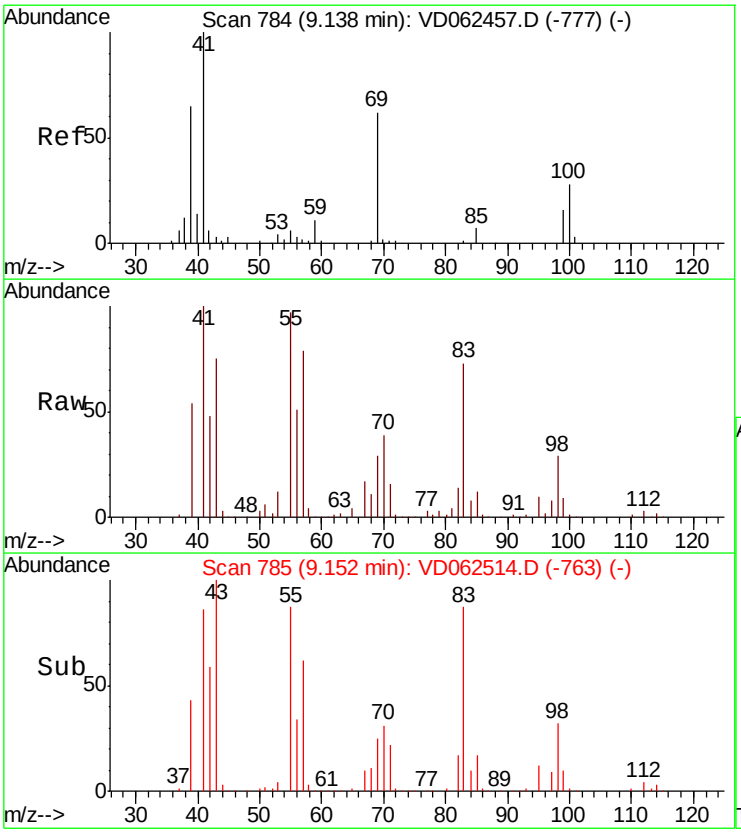
#47
Bromodichloromethane
Concen: 1961.280 ug/l
RT: 9.58 min Scan# 828
Delta R.T. 0.18 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 83 Resp: 3618254

Ion	Ratio	Lower	Upper
83	100		
85	19.1	50.9	76.3#
127	0.0	8.1	12.1#

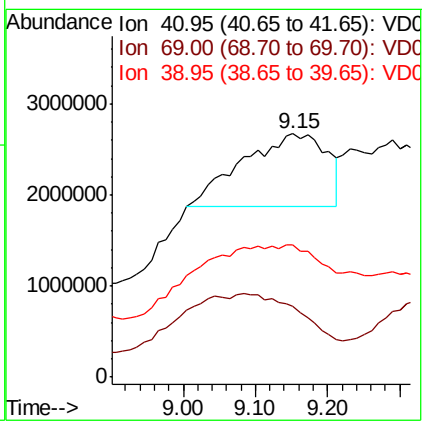


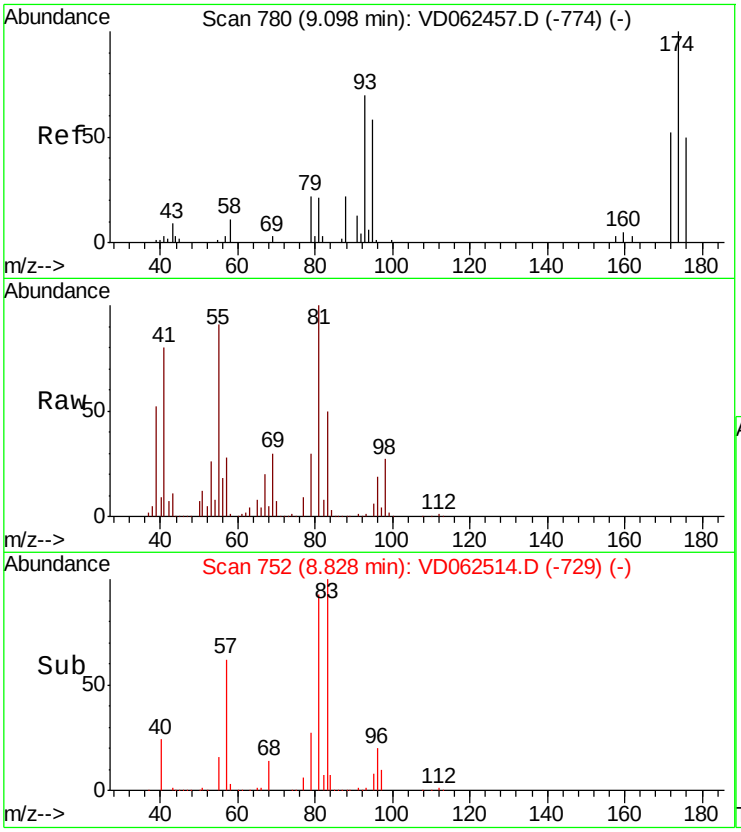


#48
Methyl methacrylate
Concen: 11309.214 ug/l
RT: 9.15 min Scan# 785
Delta R.T. 0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 41 Resp: 6564357

Ion	Ratio	Lower	Upper
41	100		
69	28.9	64.2	96.2#
39	54.3	46.8	70.2



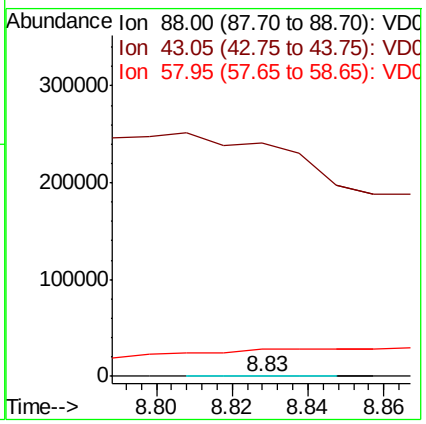


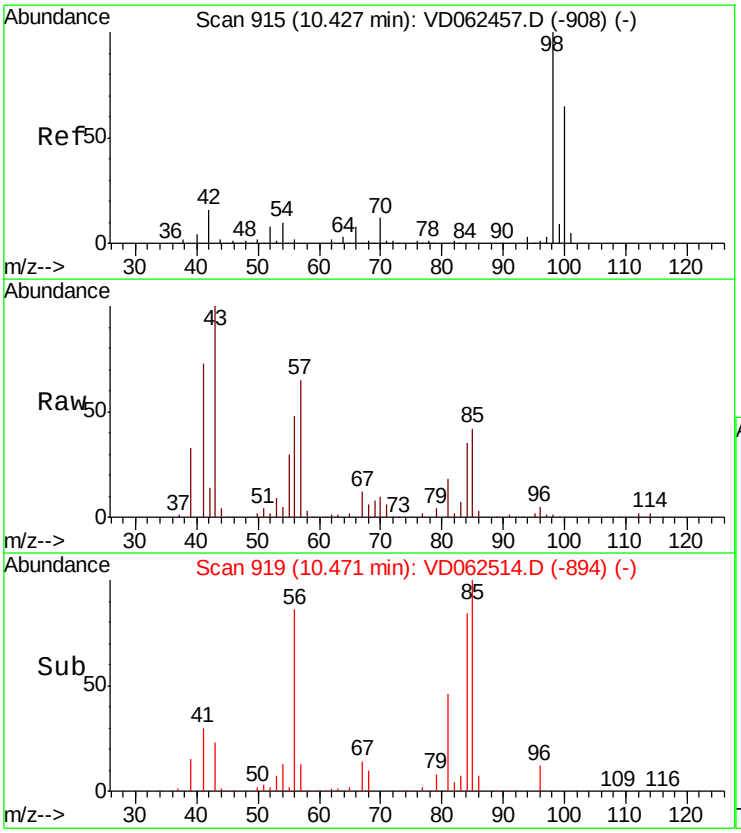
#49
1,4-Dioxane
Concen: 36.109 ug/l
RT: 8.83 min Scan# 752
Delta R.T. -0.27 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
43	75854.1	23.4	35.0#
58	8847.8	44.0	66.0#

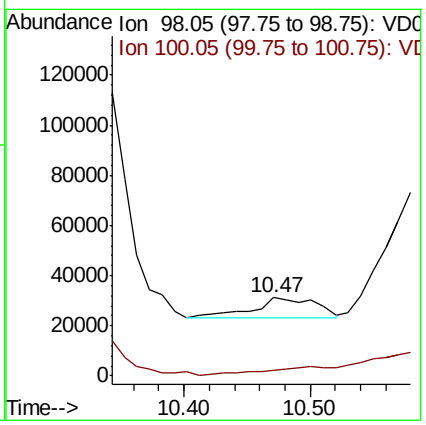


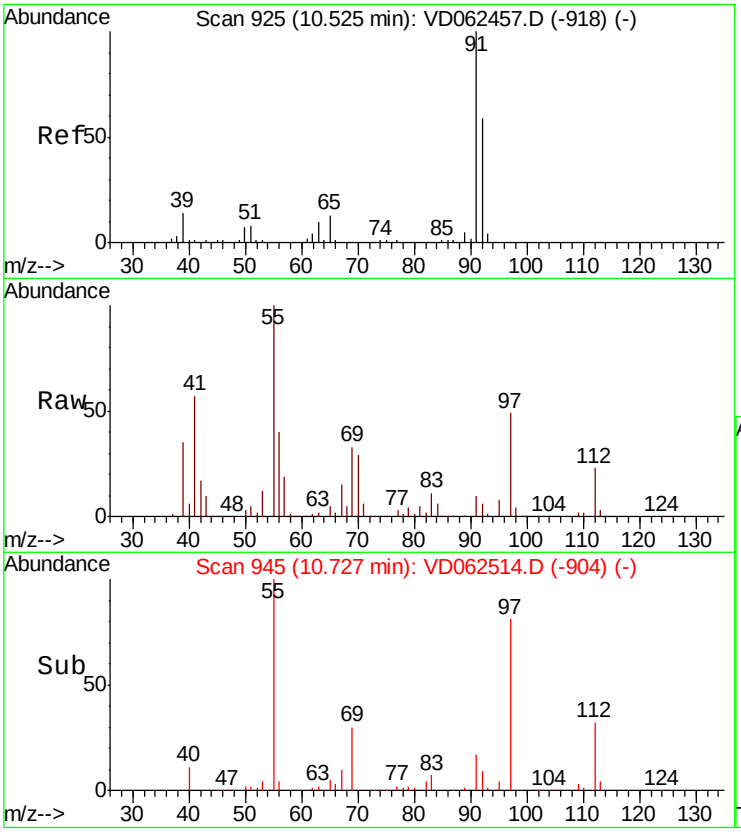


#50
Toluene-d8
Concen: 8.173 ug/l
RT: 10.47 min Scan# 919
Delta R.T. 0.04 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 98 Resp: 28245

Ion	Ratio	Lower	Upper
98	100		
100	7.7	53.8	80.8#



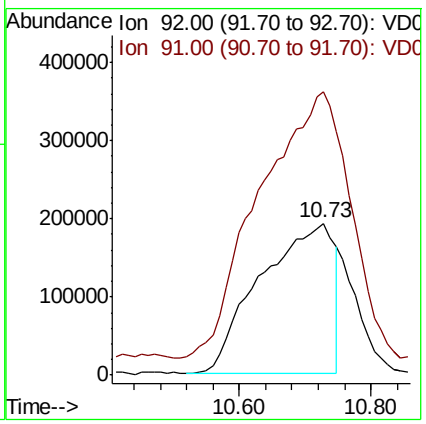


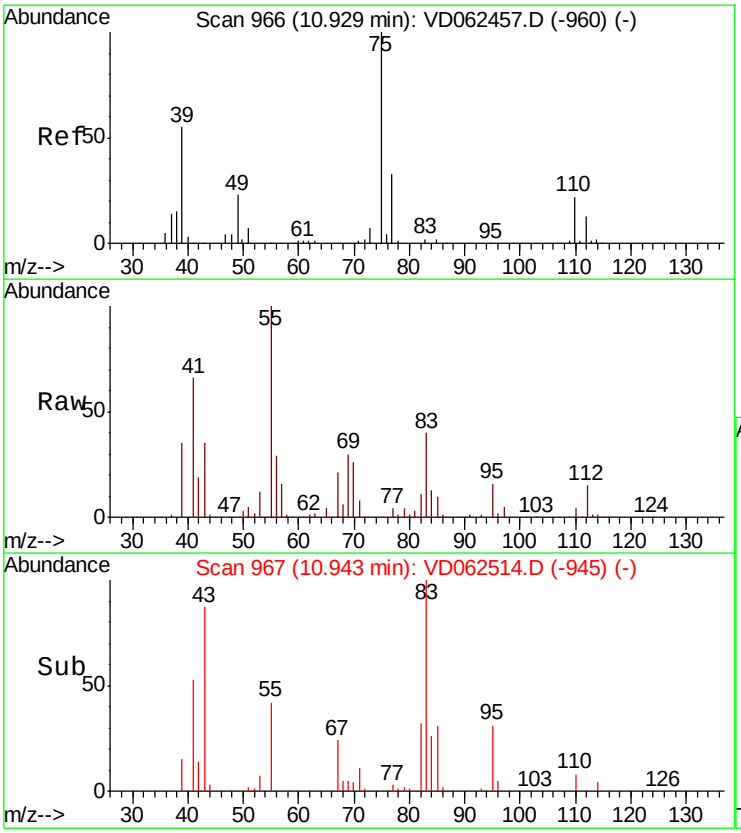
#52
Toluene
Concen: 658.369 ug/l
RT: 10.73 min Scan# 945
Delta R.T. 0.20 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 92 Resp: 1479623

Ion	Ratio	Lower	Upper
92	100		
91	186.5	136.6	204.8

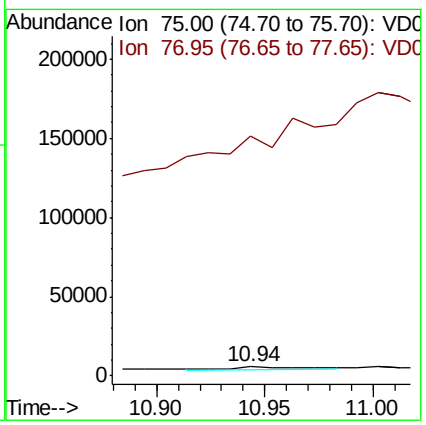


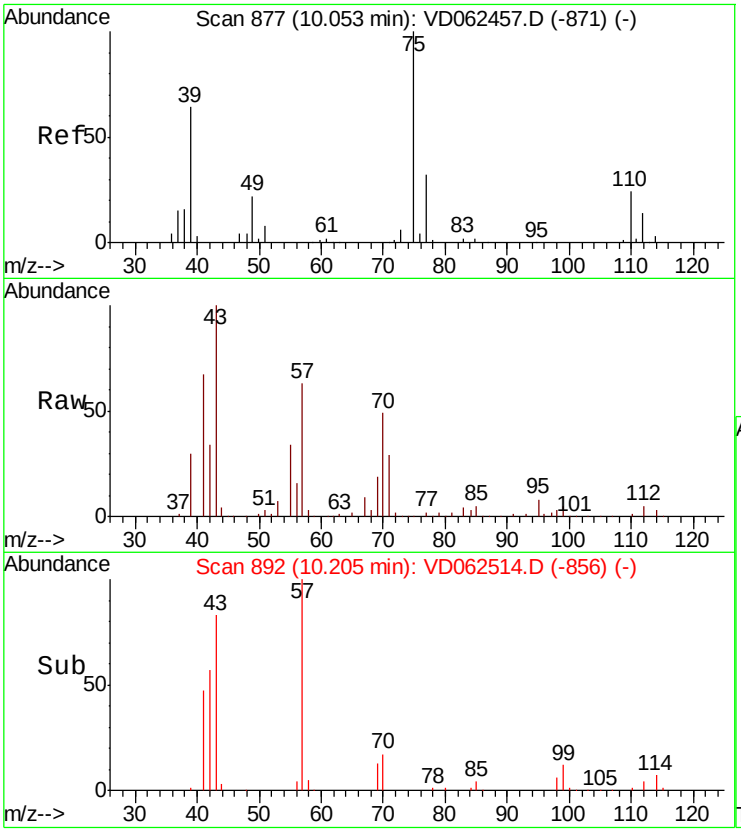


#53
t-1,3-Dichloropropene
Concen: 3.119 ug/l
RT: 10.94 min Scan# 967
Delta R.T. 0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 75 Resp: 4791

Ion	Ratio	Lower	Upper
75	100		
77	2714.2	25.8	38.8#



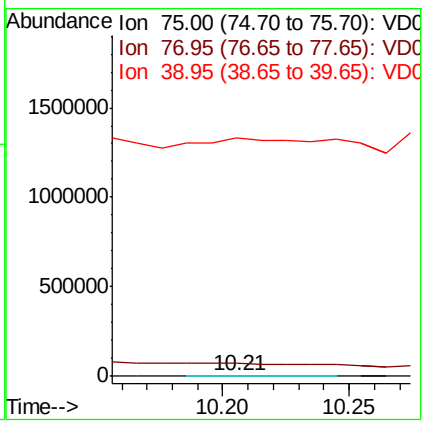


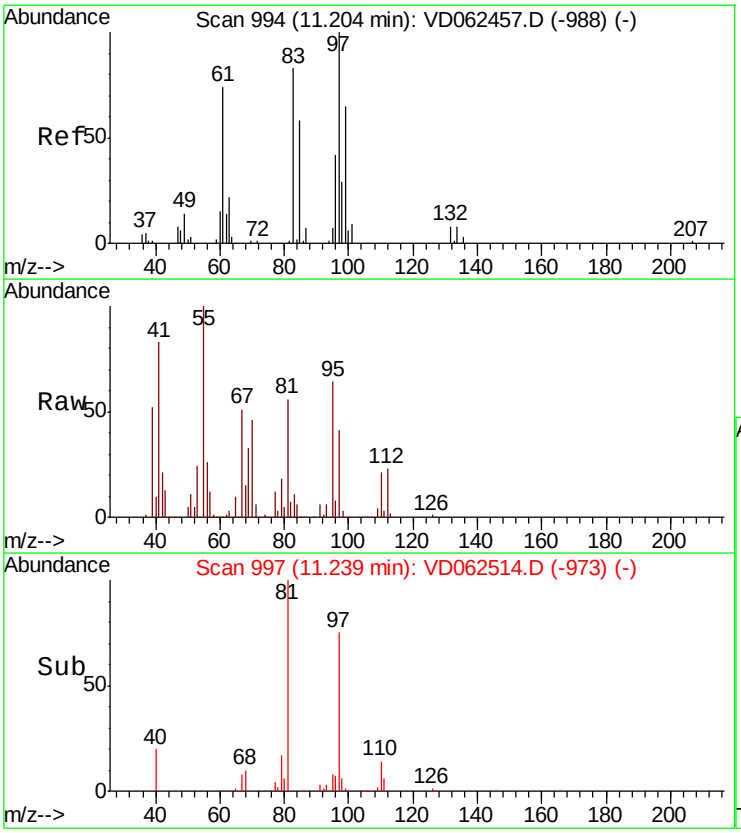
#54
cis-1,3-Dichloropropene
Concen: 1.263 ug/l
RT: 10.21 min Scan# 892
Delta R.T. 0.15 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Tgt Ion: 75 Resp: 2024

Ion	Ratio	Lower	Upper
75	100		
77	2608.4	25.5	38.3#
39	45833.7	39.4	59.2#

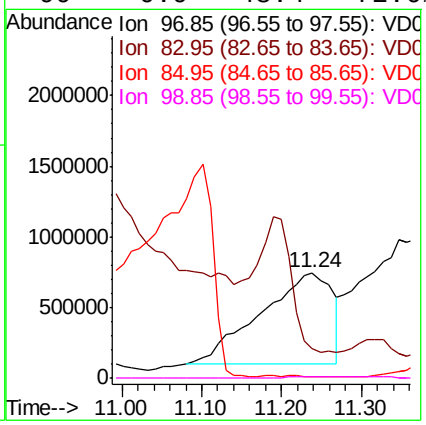


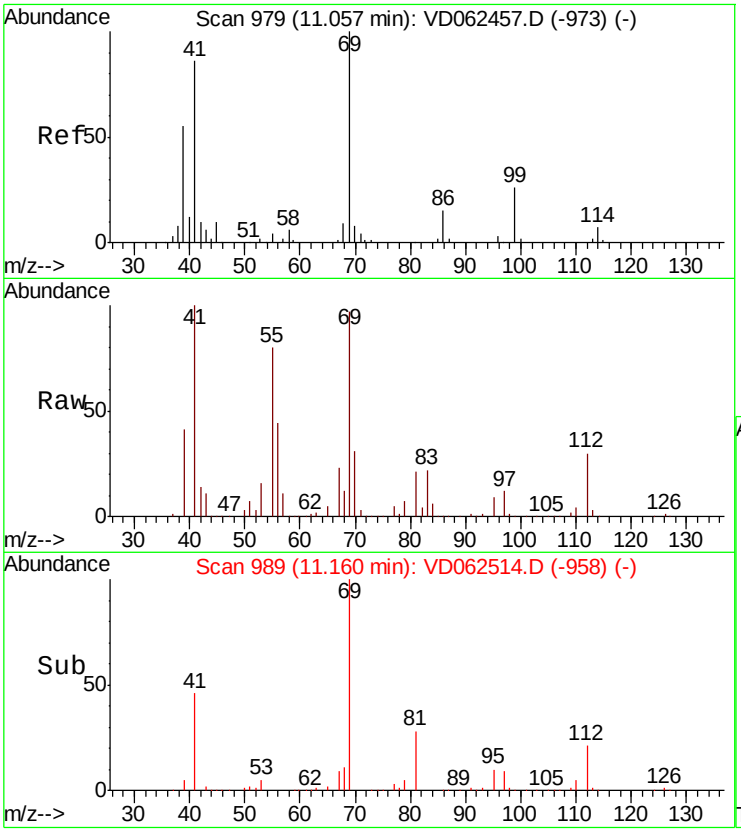


#55
1,1,2-Trichloroethane
Concen: 5272.047 ug/l
RT: 11.24 min Scan# 997
Delta R.T. 0.03 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 97 Resp: 4015657

Ion	Ratio	Lower	Upper
97	100		
83	27.8	65.7	98.5#
85	1.1	45.6	68.4#
99	0.9	48.4	72.6#



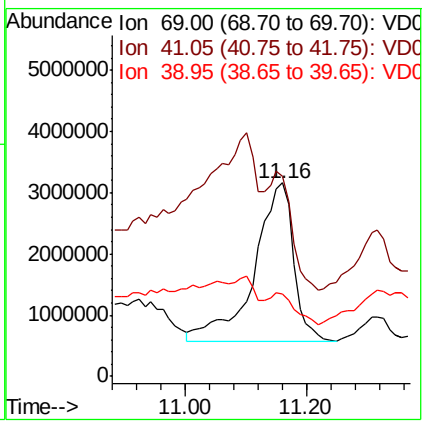


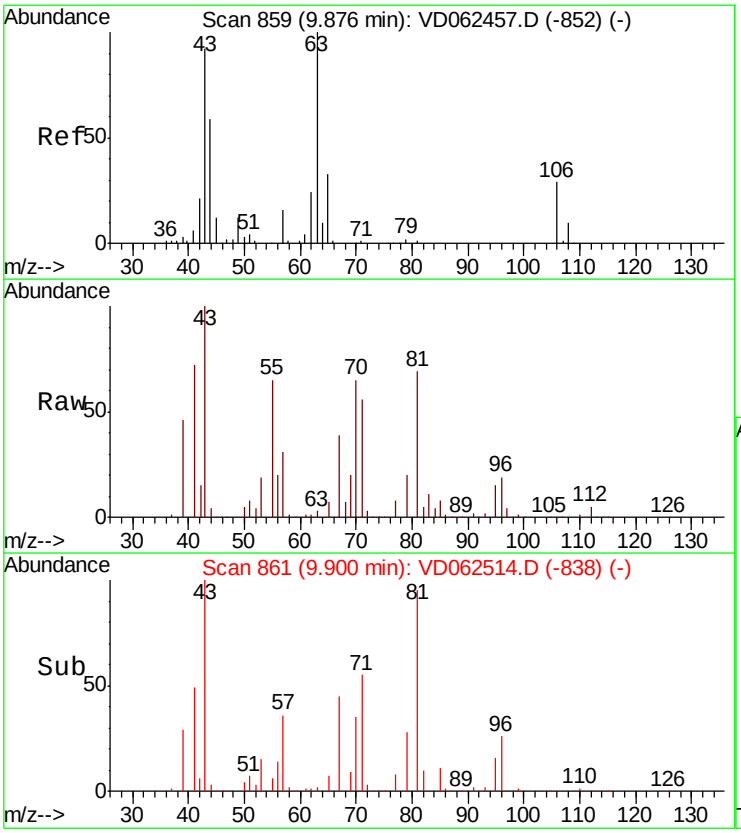
#56
Ethyl methacrylate
Concen: 14267.774 ug/l
RT: 11.16 min Scan# 989
Delta R.T. 0.10 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 69 Resp:11617774

Ion	Ratio	Lower	Upper
69	100		
41	103.3	56.3	84.5#
39	42.7	29.4	44.2

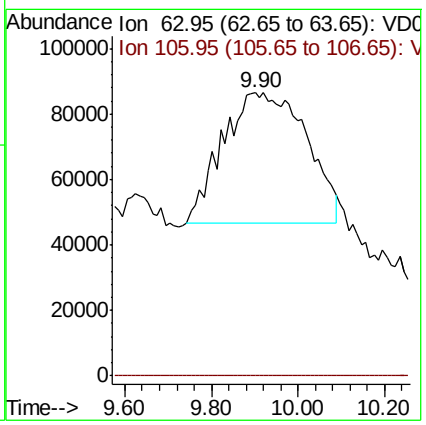


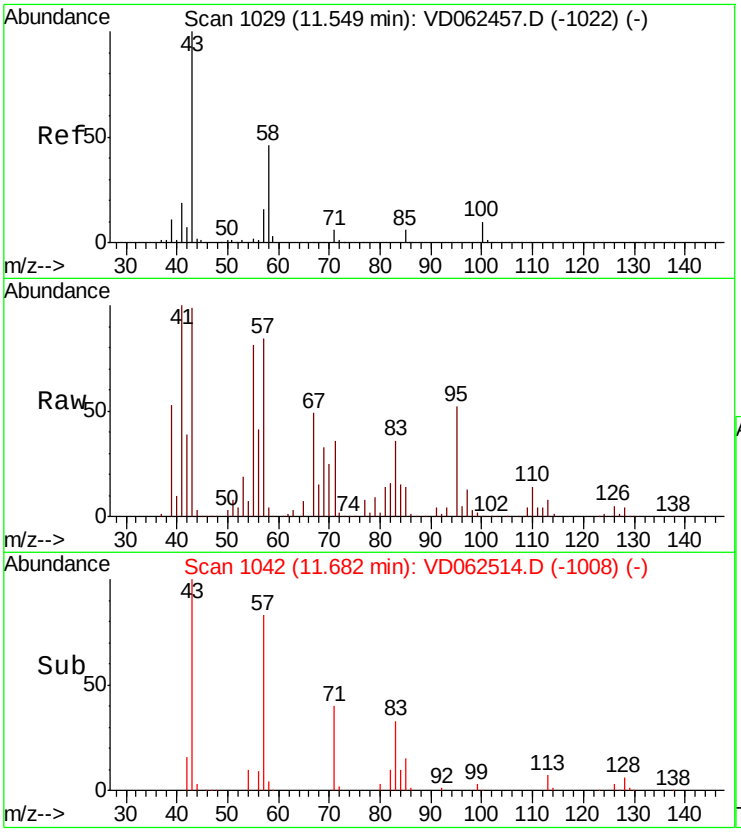


#58
2-Chloroethyl Vinyl ether
Concen: 1280.472 ug/l
RT: 9.90 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 63 Resp: 535389

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.6	34.0#



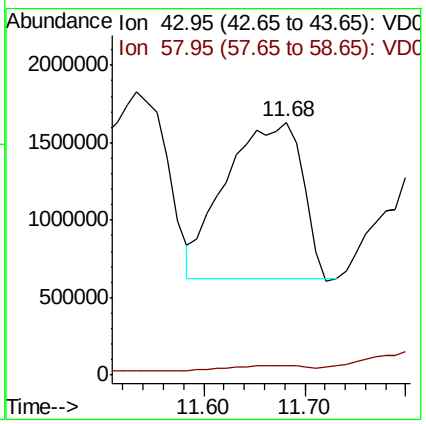


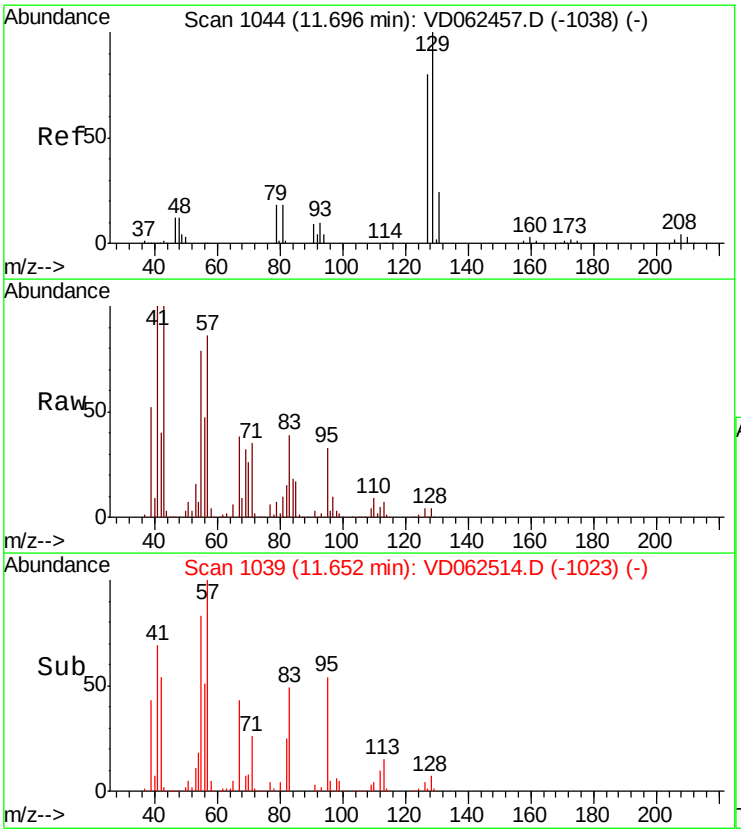
#59
2-Hexanone
Concen: 12813.060 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. 0.13 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Tgt Ion: 43 Resp: 5306226

Ion	Ratio	Lower	Upper
43	100		
58	3.9	25.4	76.4#

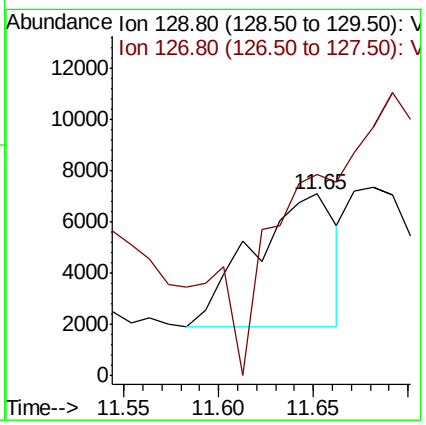


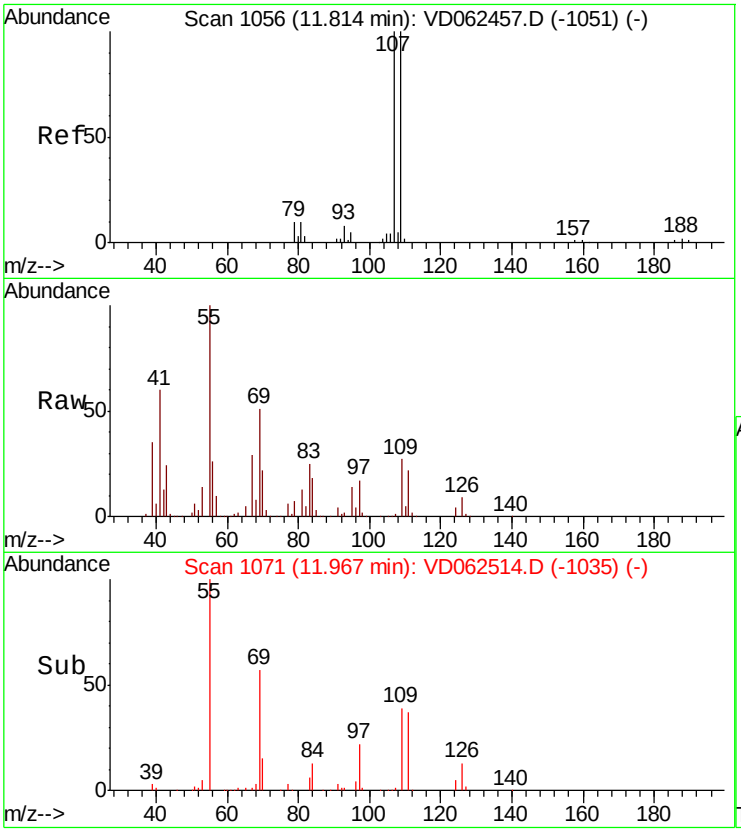


#60
Dibromochloromethane
Concen: 10.716 ug/l
RT: 11.65 min Scan# 1039
Delta R.T. -0.04 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:129 Resp: 15677

Ion	Ratio	Lower	Upper
129	100		
127	111.3	38.0	113.9



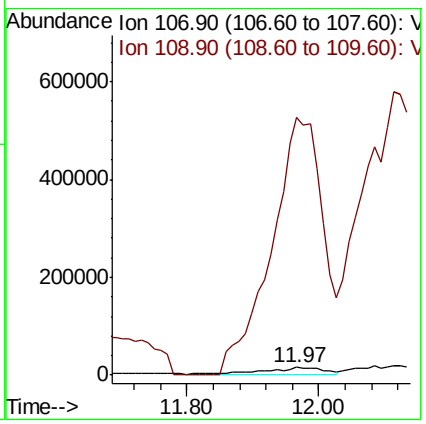


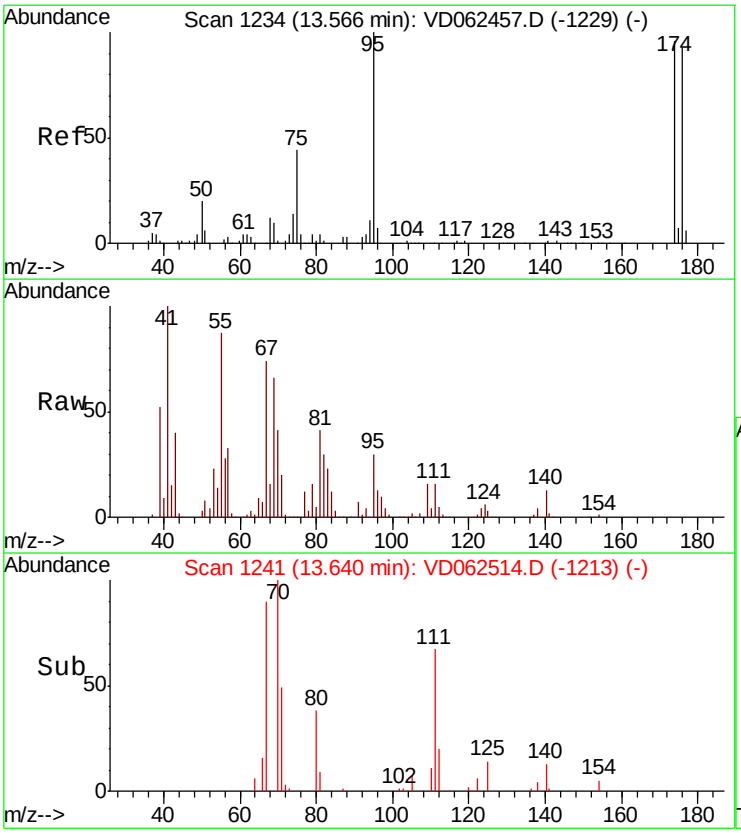
#61
1,2-Dibromoethane
Concen: 85.795 ug/l
RT: 11.97 min Scan# 1071
Delta R.T. 0.15 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:107 Resp: 80534

Ion	Ratio	Lower	Upper
107	100		
109	3290.1	78.3	117.5#

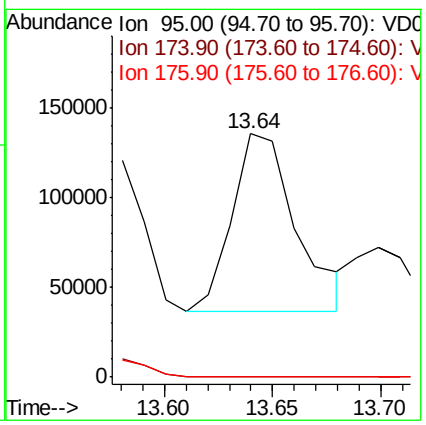


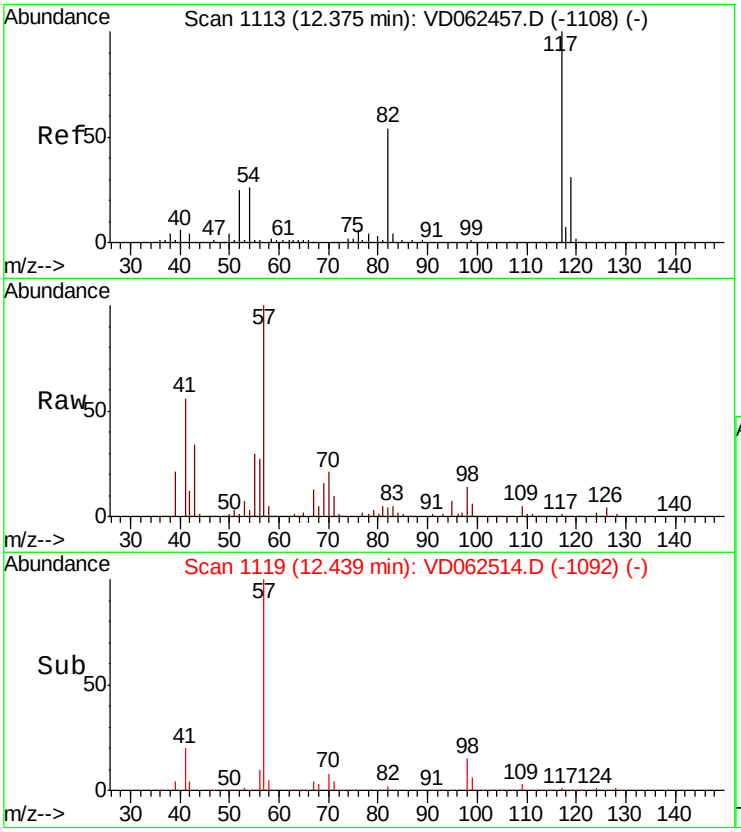


#62
4-Bromofluorobenzene
Concen: 134.780 ug/l
RT: 13.64 min Scan# 1241
Delta R.T. 0.07 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 95 Resp: 203754

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	181.8
176	0.0	0.0	174.4



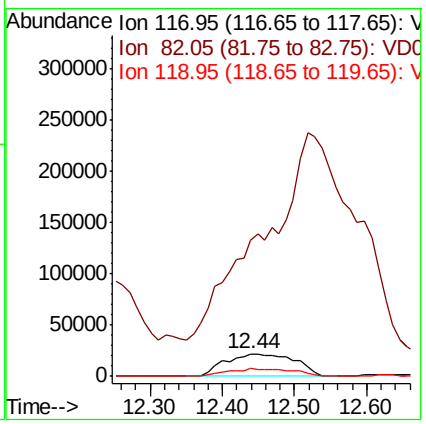


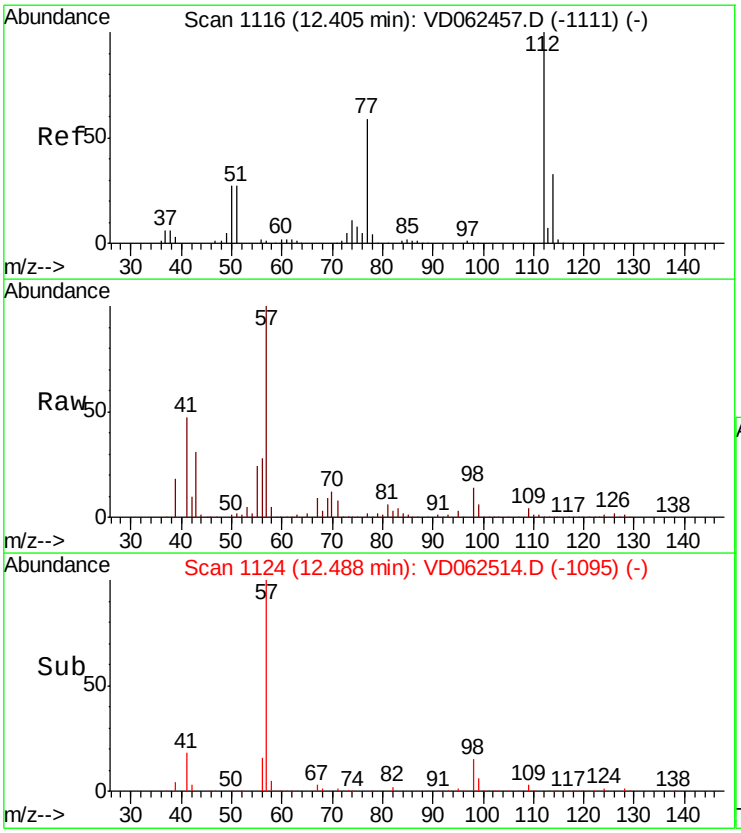
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.44 min Scan# 1119
Delta R.T. 0.06 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:117 Resp: 147177

Ion	Ratio	Lower	Upper
117	100		
82	602.1	36.2	54.2#
119	36.0	26.2	39.4

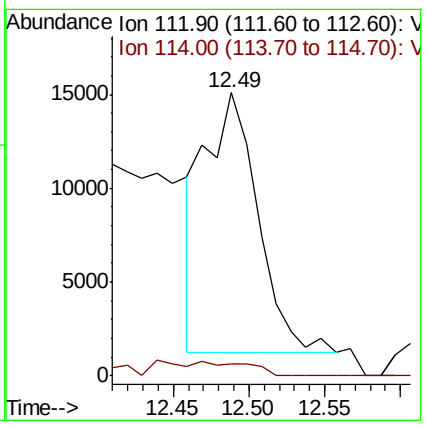


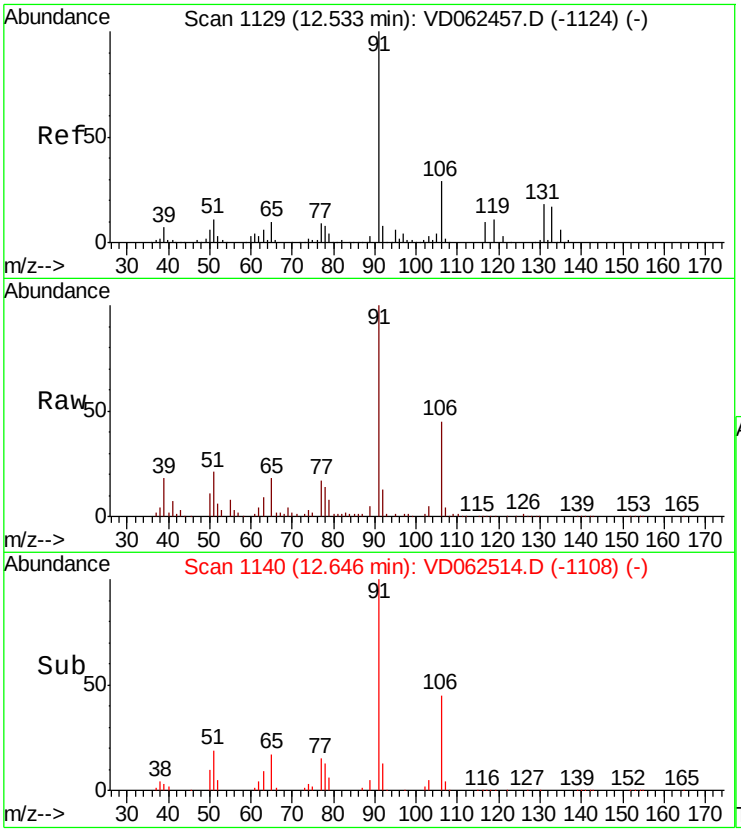


#65
Chlorobenzene
Concen: 11.991 ug/l
RT: 12.49 min Scan# 1124
Delta R.T. 0.08 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:112 Resp: 33939

Ion	Ratio	Lower	Upper
112	100		
114	6.6	25.8	38.8#



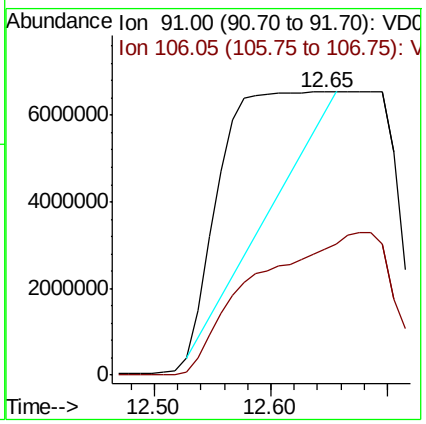


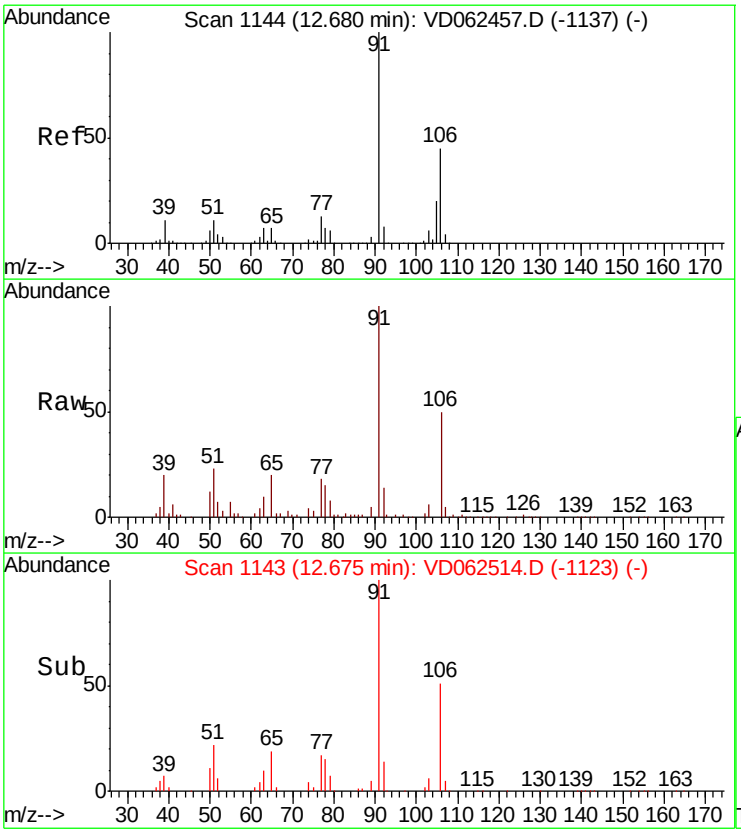
#67
Ethyl Benzene
Concen: 3531.603 ug/l
RT: 12.65 min Scan# 1140
Delta R.T. 0.11 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 91 Resp:17216465

Ion	Ratio	Lower	Upper
91	100		
106	44.7	24.7	37.1#

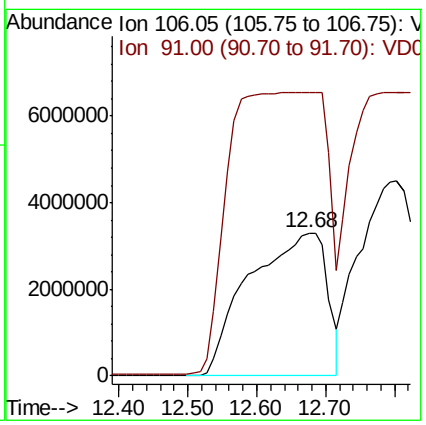


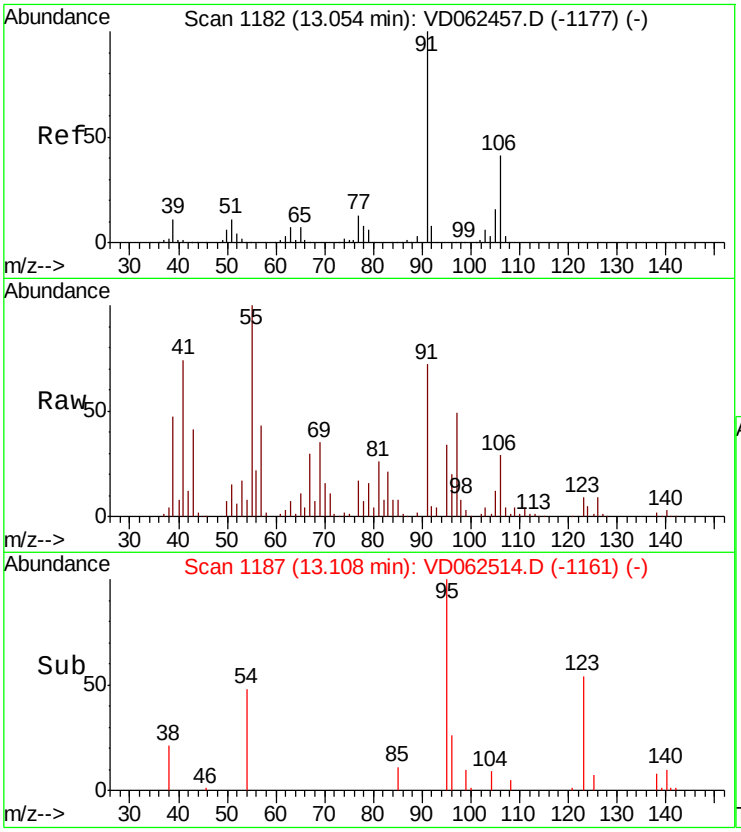


#68
m/p-Xylenes
Concen: 14728.805 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:106 Resp:25774283

Ion	Ratio	Lower	Upper
106	100		
91	198.4	164.0	246.0



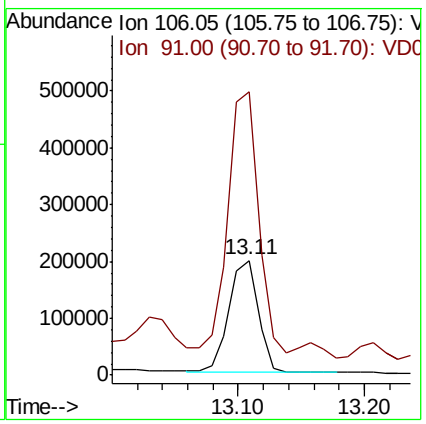


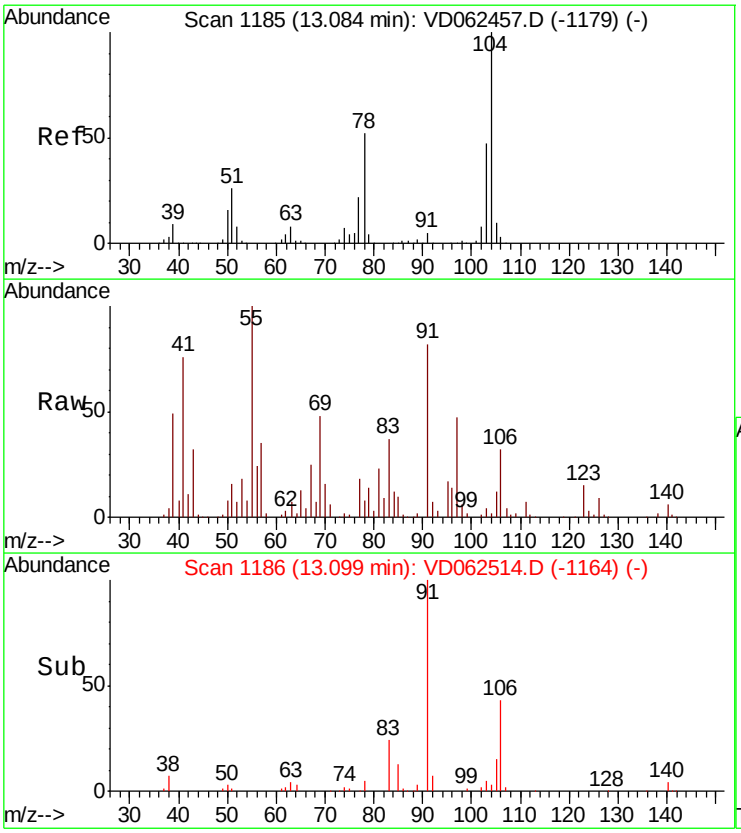
#69
o-Xylene
Concen: 191.884 ug/l
RT: 13.11 min Scan# 1187
Delta R.T. 0.05 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:106 Resp: 316819

Ion	Ratio	Lower	Upper
106	100		
91	246.9	106.7	319.9

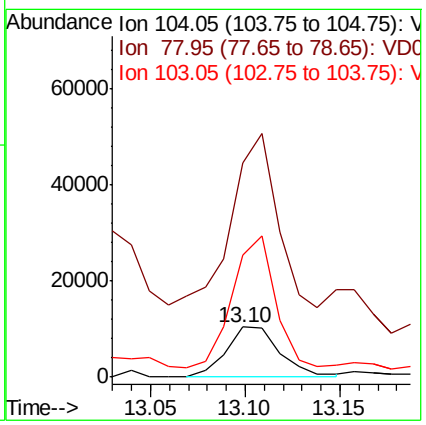


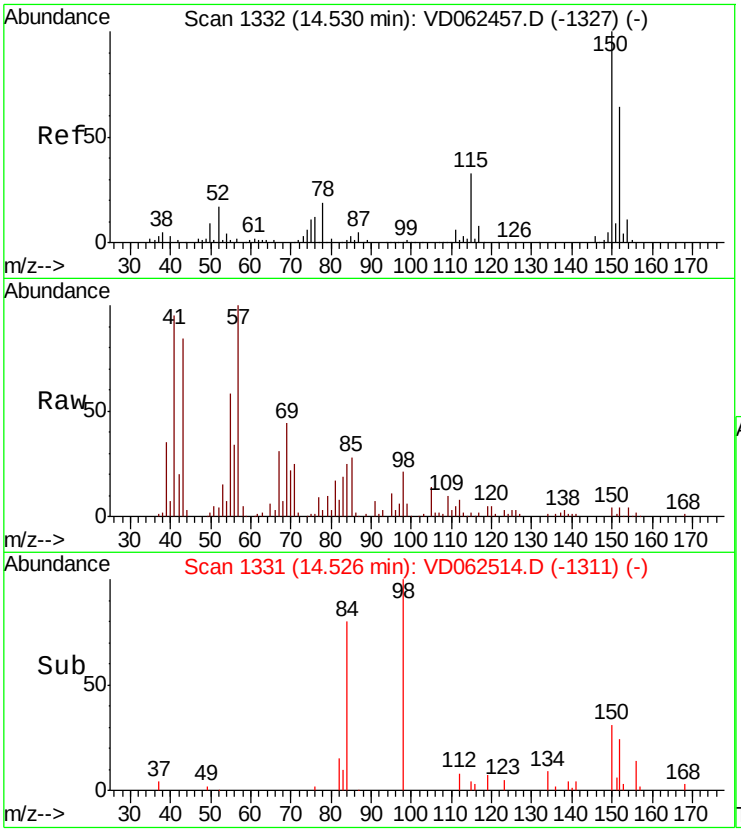


#70
Styrene
Concen: 7.353 ug/l
RT: 13.10 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:104 Resp: 20653

Ion	Ratio	Lower	Upper
104	100		
78	428.9	35.4	53.2#
103	244.2	37.5	56.3#



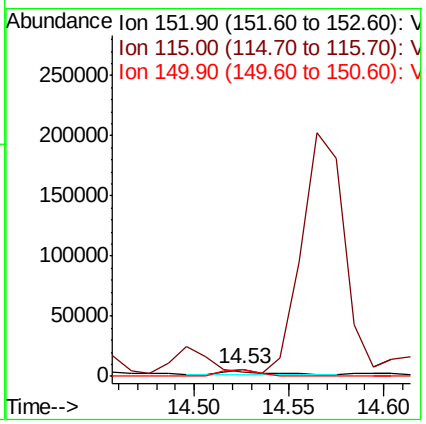


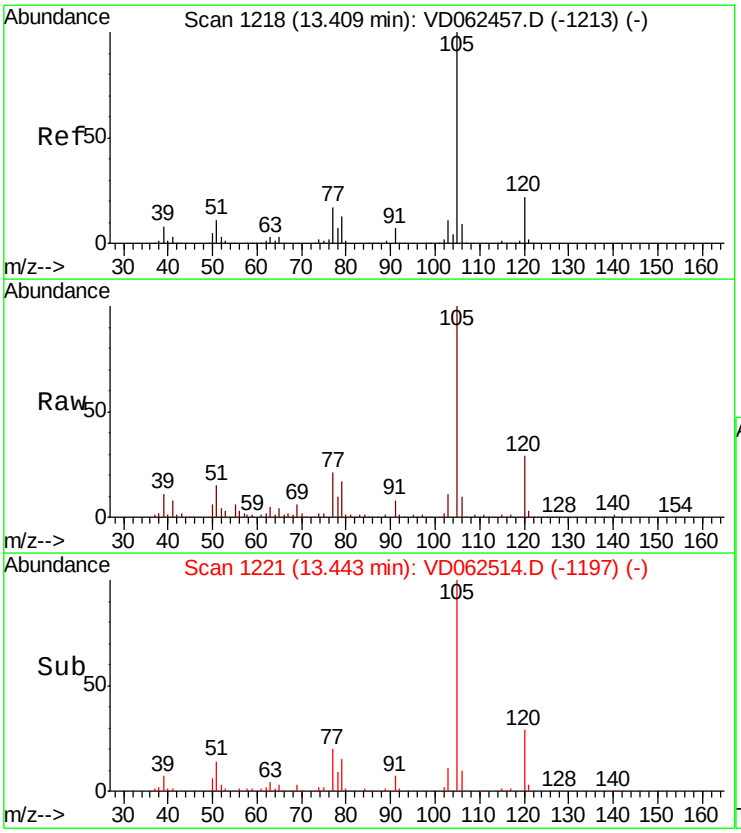
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:152 Resp: 6555

Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.9	92.7
150	102.7	0.0	314.8

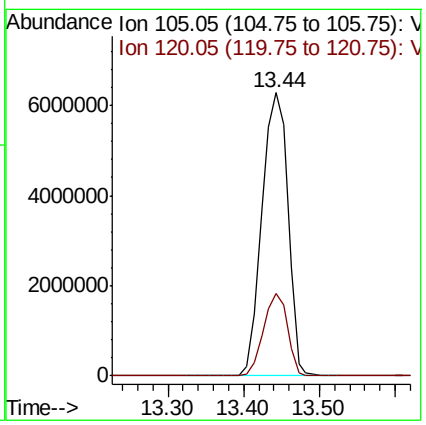


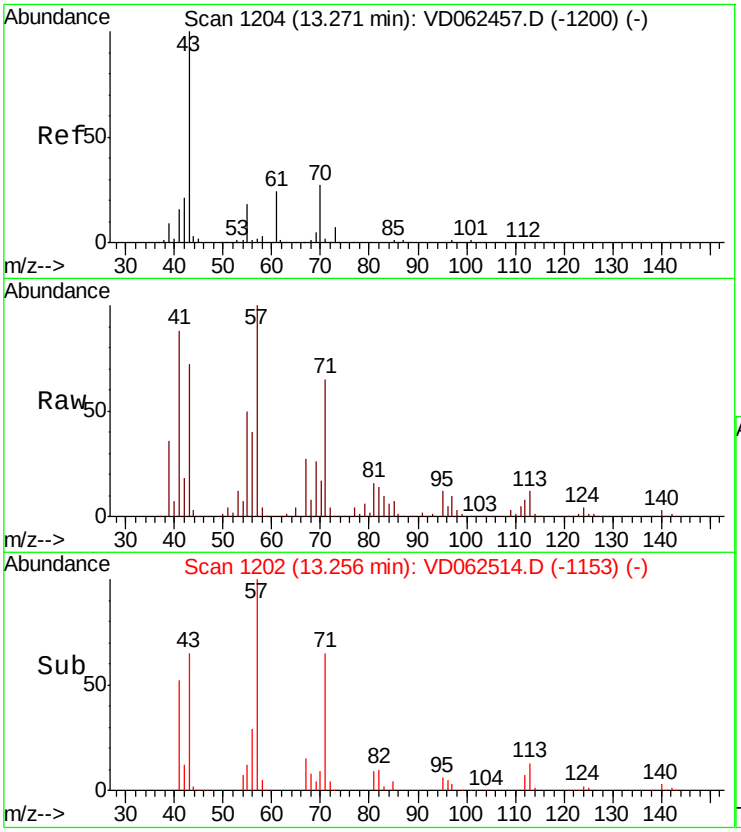


#73
Isopropylbenzene
Concen: 36345.911 ug/l
RT: 13.44 min Scan# 1221
Delta R.T. 0.03 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:105 Resp:15017638

Ion	Ratio	Lower	Upper
105	100		
120	29.2	12.0	36.1



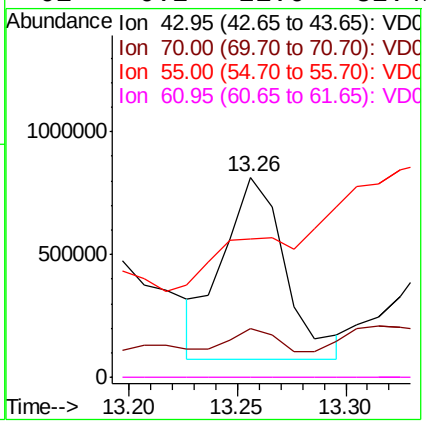


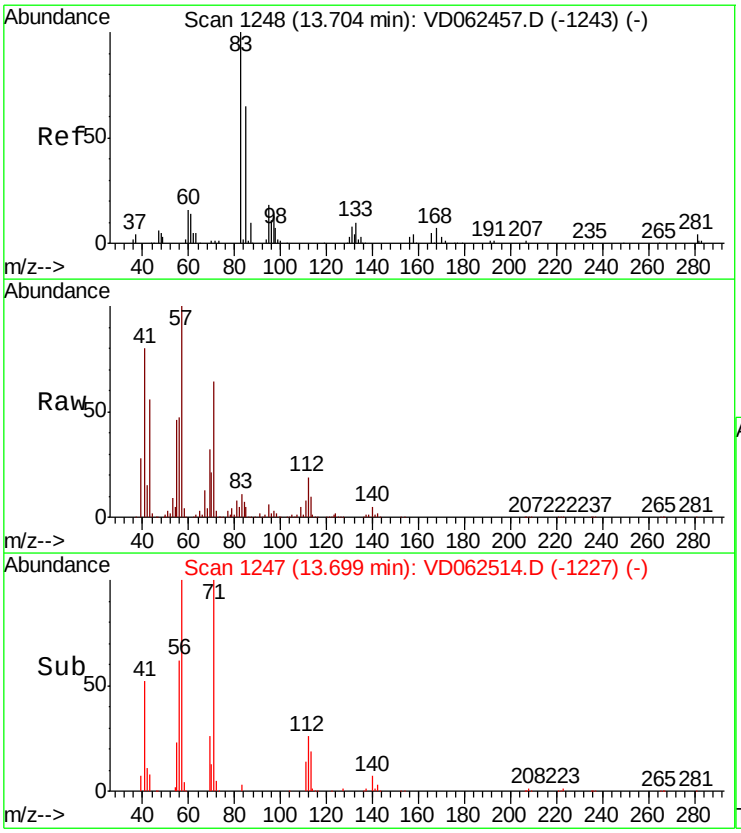
#74
N-amyl acetate
Concen: 14489.334 ug/l
RT: 13.26 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 43 Resp: 1478637

Ion	Ratio	Lower	Upper
43	100		
70	24.1	24.2	36.4#
55	69.4	16.0	24.0#
61	0.2	21.6	32.4#

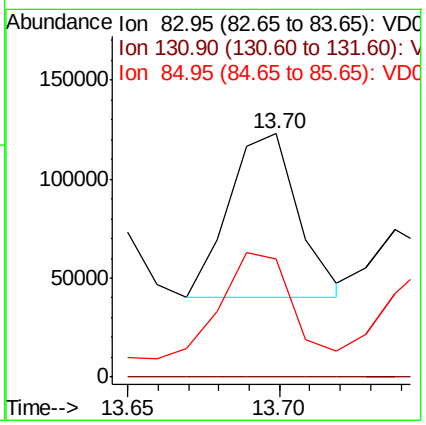


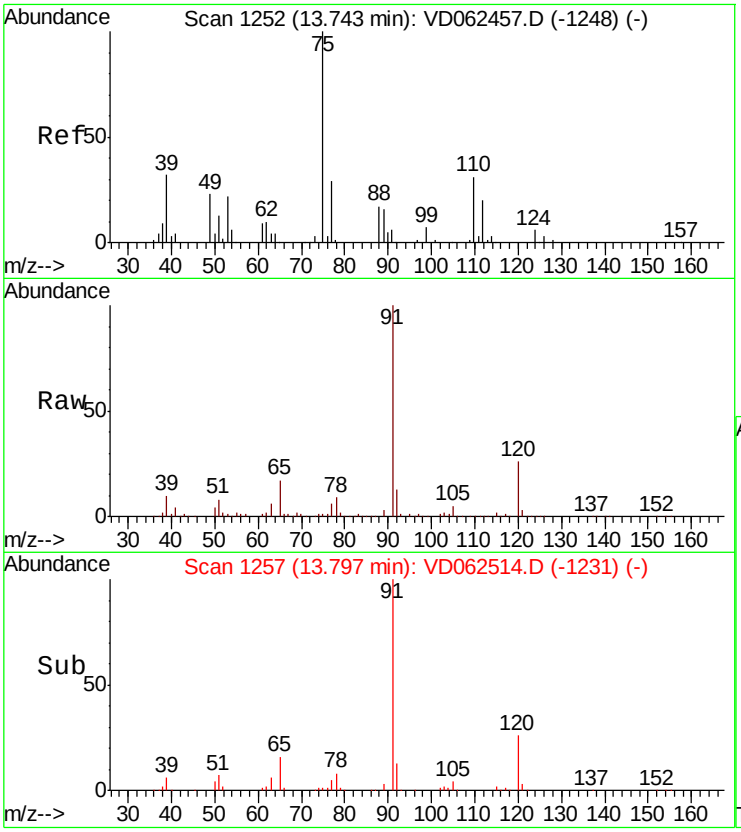


#75
1,1,2,2-Tetrachloroethane
Concen: 1771.379 ug/l
RT: 13.70 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 83 Resp: 132042

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	48.4	32.6	97.7



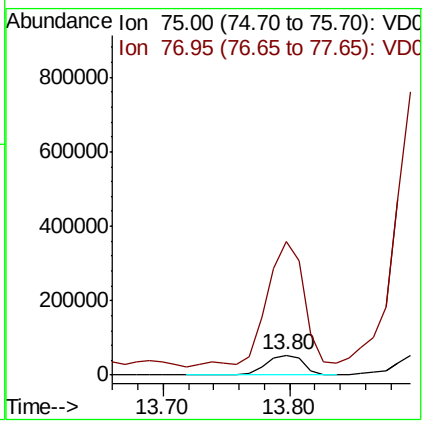


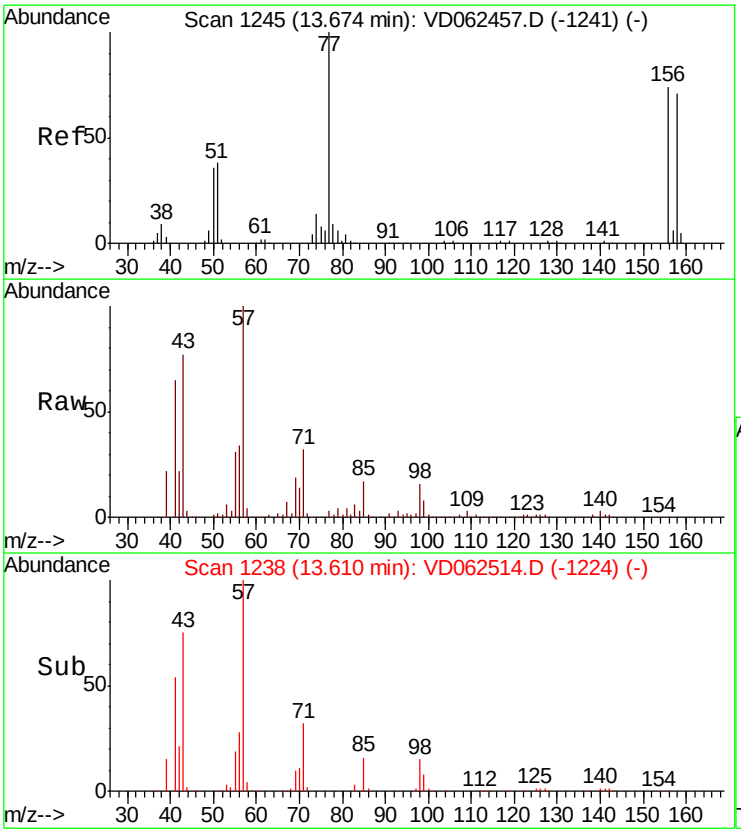
#76
1,2,3-Trichloropropane
Concen: 1414.502 ug/l
RT: 13.80 min Scan# 1257
Delta R.T. 0.05 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 75 Resp: 109214

Ion	Ratio	Lower	Upper
75	100		
77	662.8	16.4	49.4#

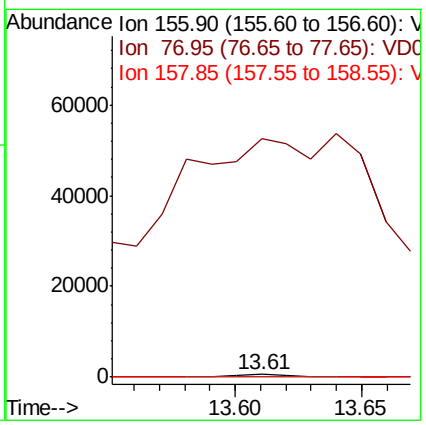


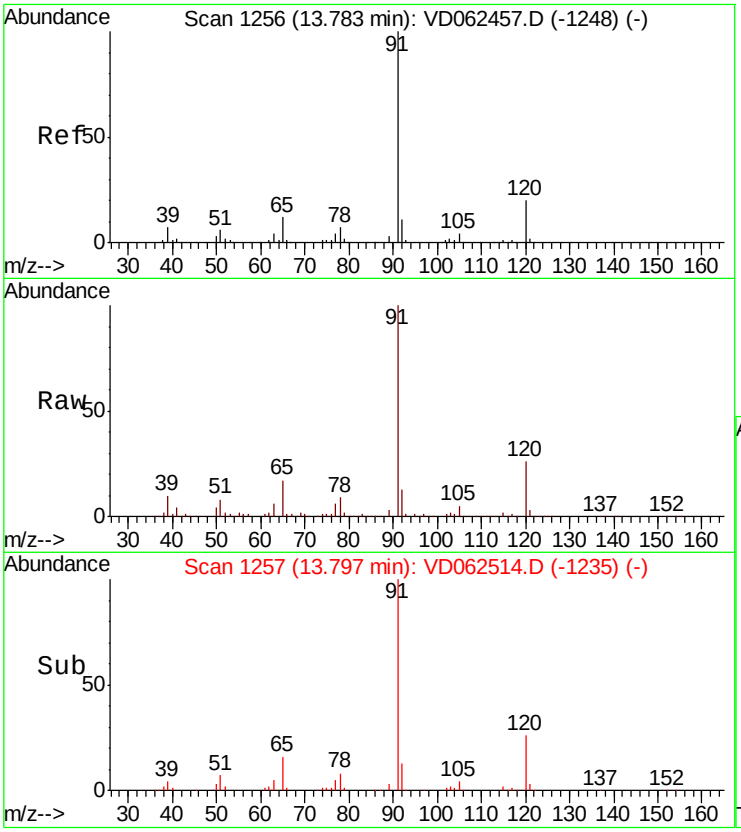


#77
Bromobenzene
Concen: 6.680 ug/l
RT: 13.61 min Scan# 1238
Delta R.T. -0.06 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:156 Resp: 783

Ion	Ratio	Lower	Upper
156	100		
77	9094.3	53.1	159.4#
158	0.0	49.4	148.0#



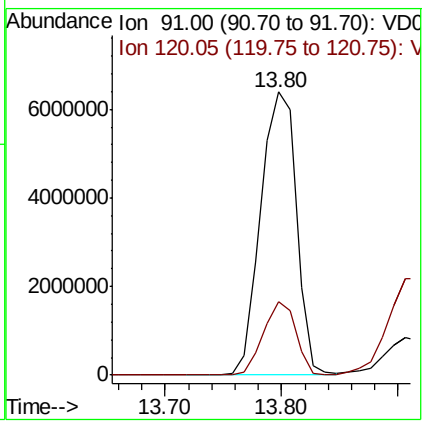


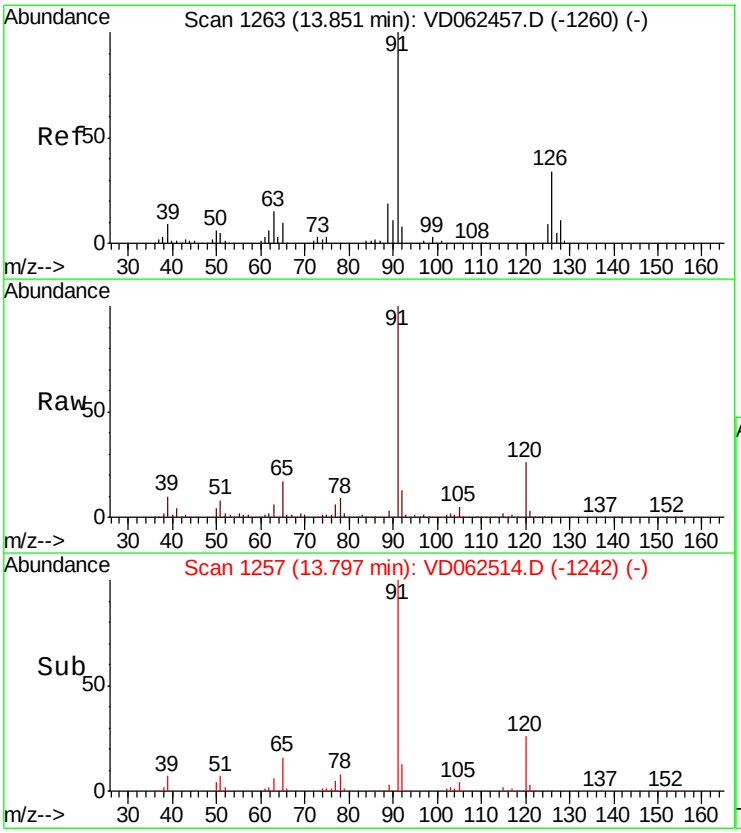
#78
n-propylbenzene
Concen: 28215.710 ug/l
RT: 13.80 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 91 Resp:13504256

Ion	Ratio	Lower	Upper
91	100		
120	25.9	11.1	33.1

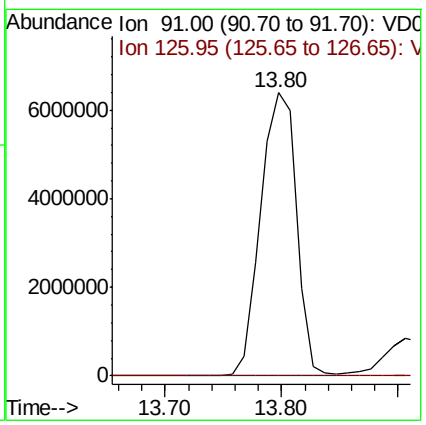


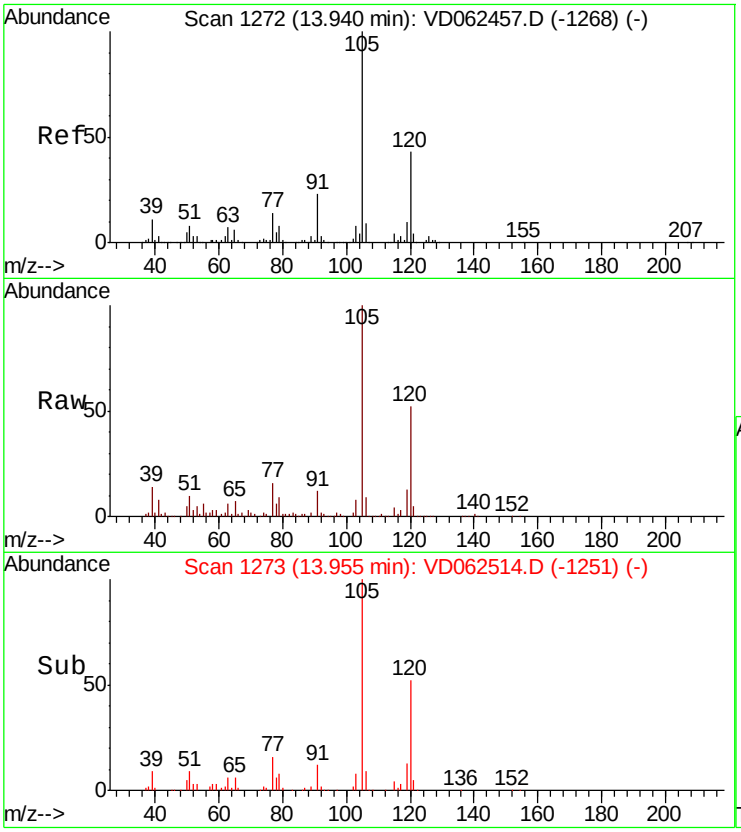


#79
2-Chlorotoluene
Concen: 46494.523 ug/l
RT: 13.80 min Scan# 1257
Delta R.T. -0.05 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 91 Resp:13504256

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#



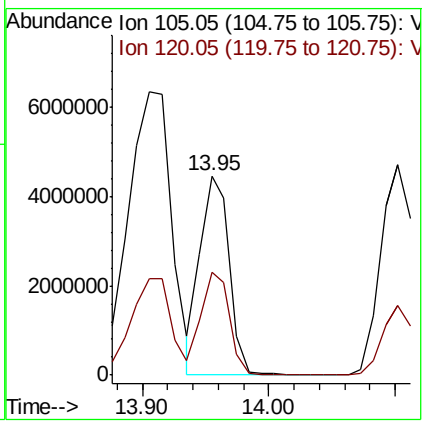


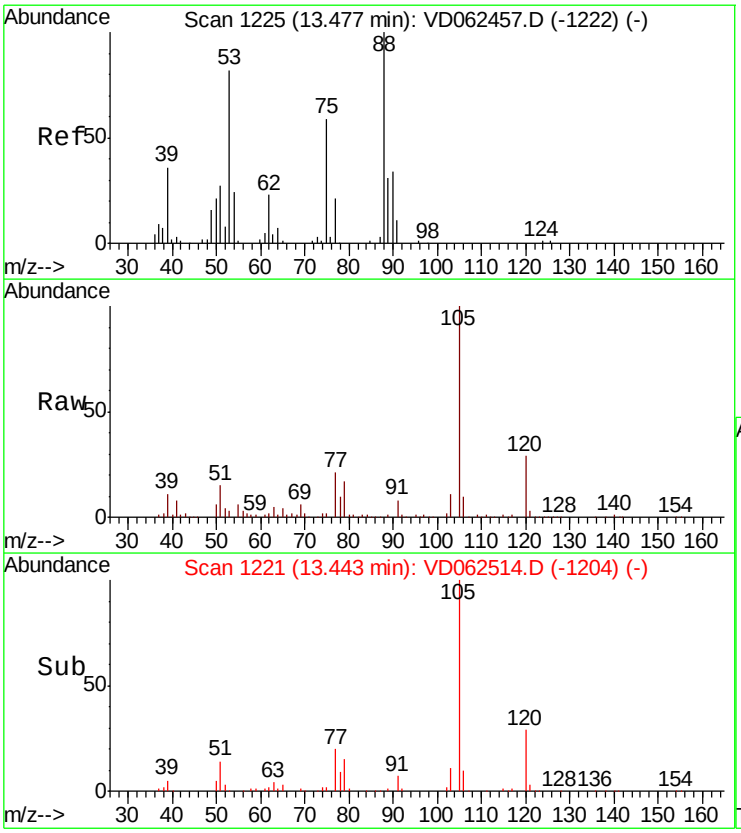
#80
1,3,5-Trimethylbenzene
Concen: 19926.093 ug/l
RT: 13.95 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:105 Resp: 7128707

Ion	Ratio	Lower	Upper
105	100		
120	51.6	24.0	72.0

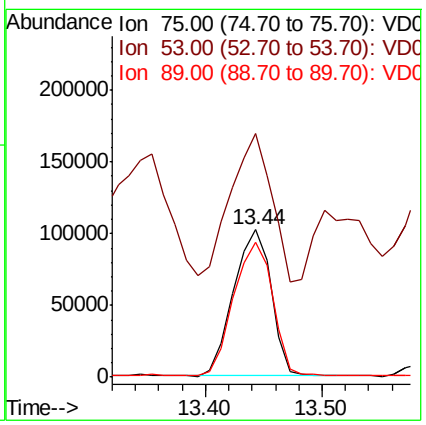


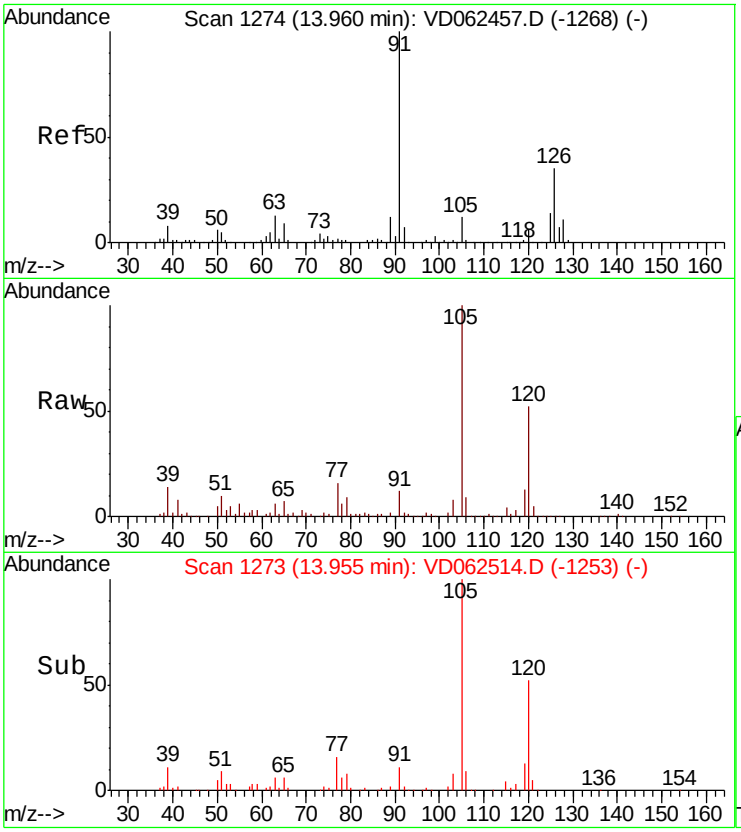


#81
trans-1,4-Dichloro-2-butene
Concen: 10459.151 ug/l
RT: 13.44 min Scan# 1221
Delta R.T. -0.03 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 75 Resp: 227752

Ion	Ratio	Lower	Upper
75	100		
53	165.6	65.8	98.8#
89	91.3	35.0	52.6#



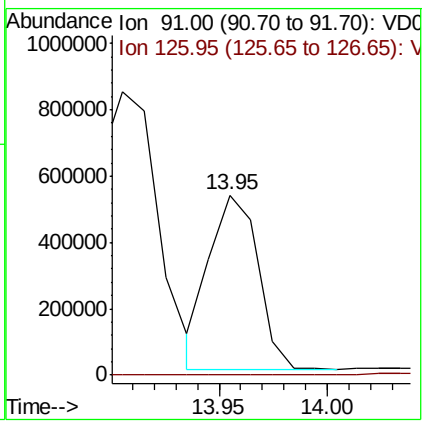


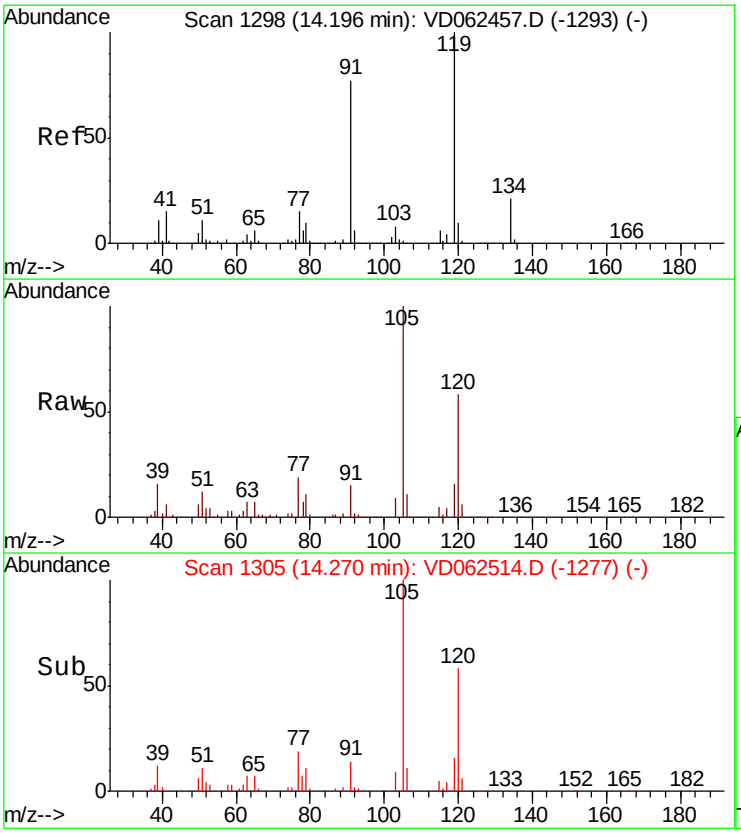
#82
4-Chlorotoluene
Concen: 2466.821 ug/l
RT: 13.95 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 91 Resp: 825140

Ion	Ratio	Lower	Upper
91	100		
126	0.2	19.1	57.5#

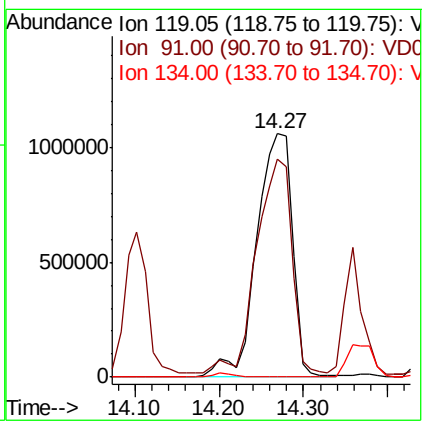


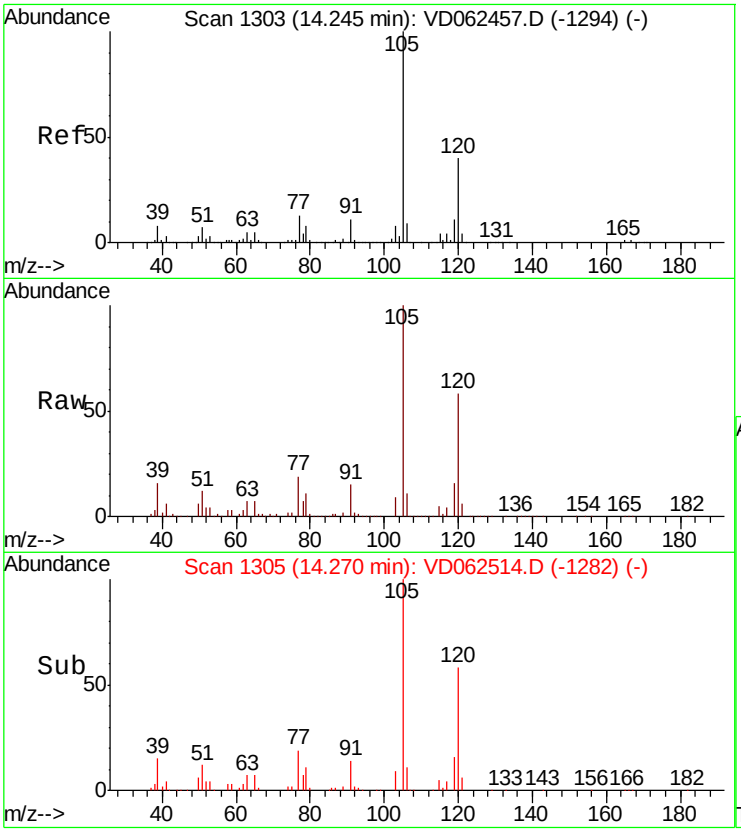


#83
tert-Butylbenzene
Concen: 7937.610 ug/l
RT: 14.27 min Scan# 1305
Delta R.T. 0.07 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:119 Resp: 3149945

Ion	Ratio	Lower	Upper
119	100		
91	89.3	34.2	102.6
134	0.0	12.0	36.0#



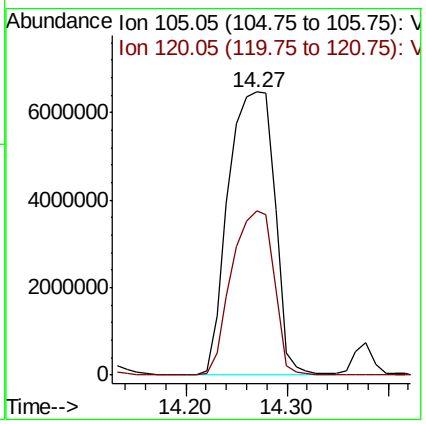


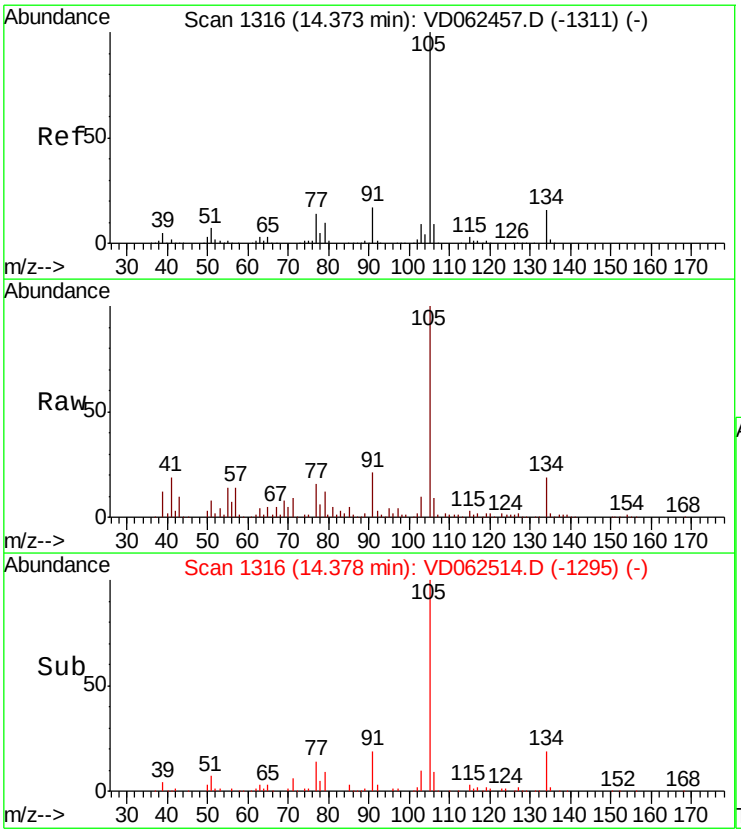
#84
1,2,4-Trimethylbenzene
Concen: 56244.182 ug/l
RT: 14.27 min Scan# 1305
Delta R.T. 0.02 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:105 Resp:20618294

Ion	Ratio	Lower	Upper
105	100		
120	58.1	23.1	69.2

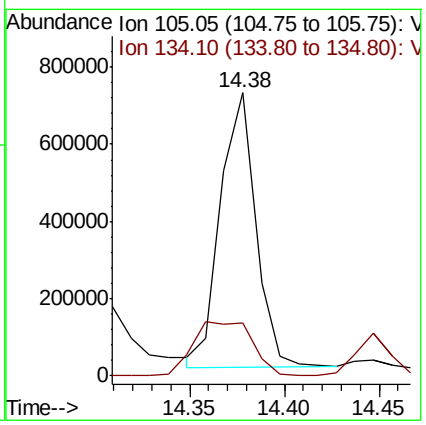


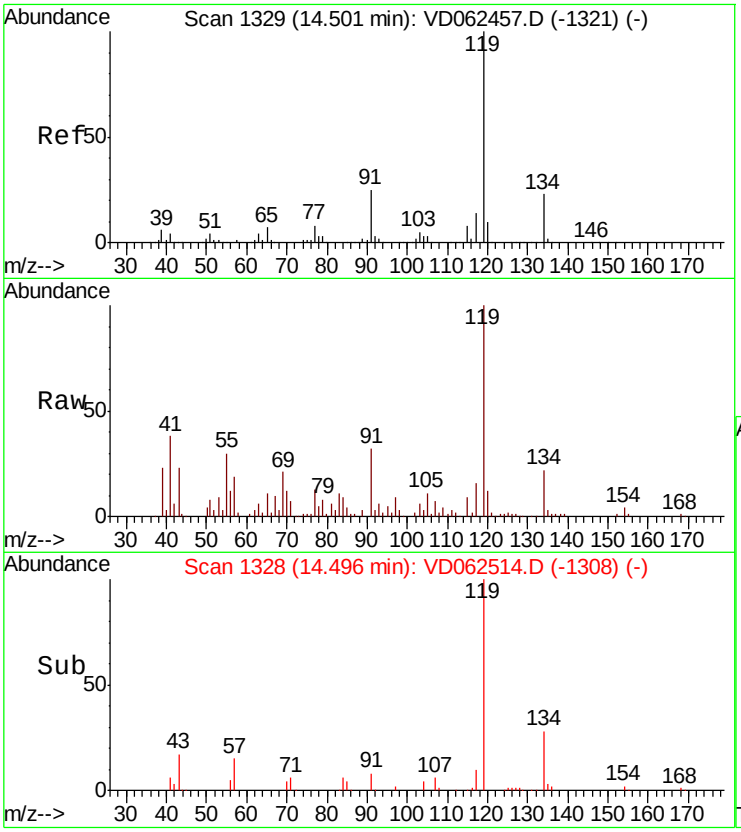


#85
sec-Butylbenzene
Concen: 2202.058 ug/l
RT: 14.38 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:105 Resp: 911186

Ion	Ratio	Lower	Upper
105	100		
134	18.8	8.9	26.7



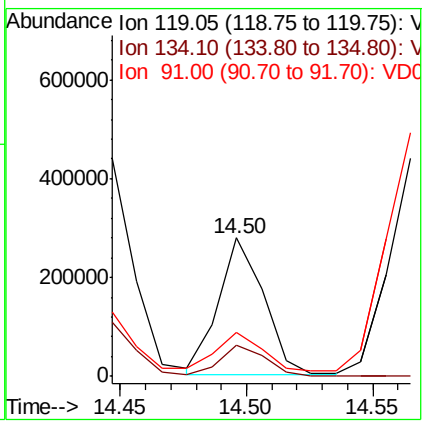


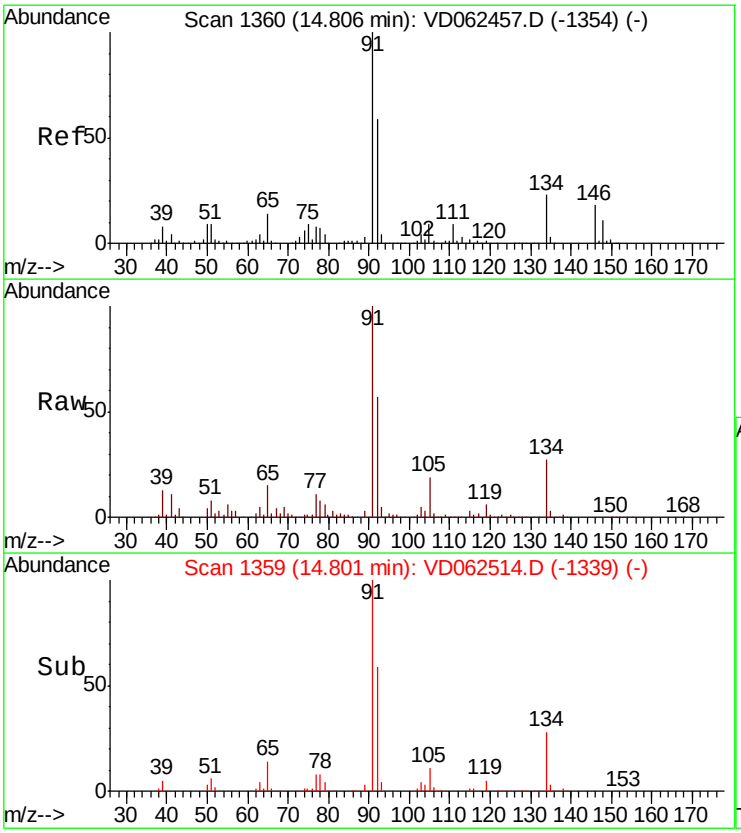
#86
p-Isopropyltoluene
Concen: 929.824 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument : MSVOA_D
ClientSampleId : P-1(9.5-10.0)RE

Tgt Ion:119 Resp: 348671

Ion	Ratio	Lower	Upper
119	100		
134	22.1	12.8	38.3
91	31.8	10.7	32.1

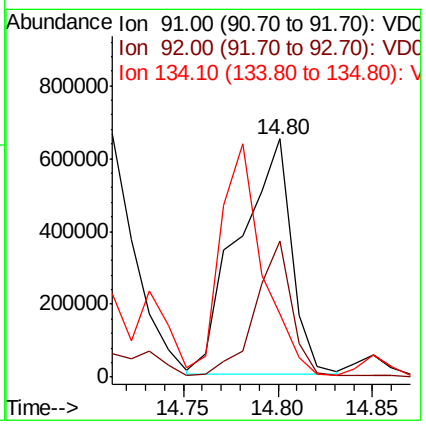


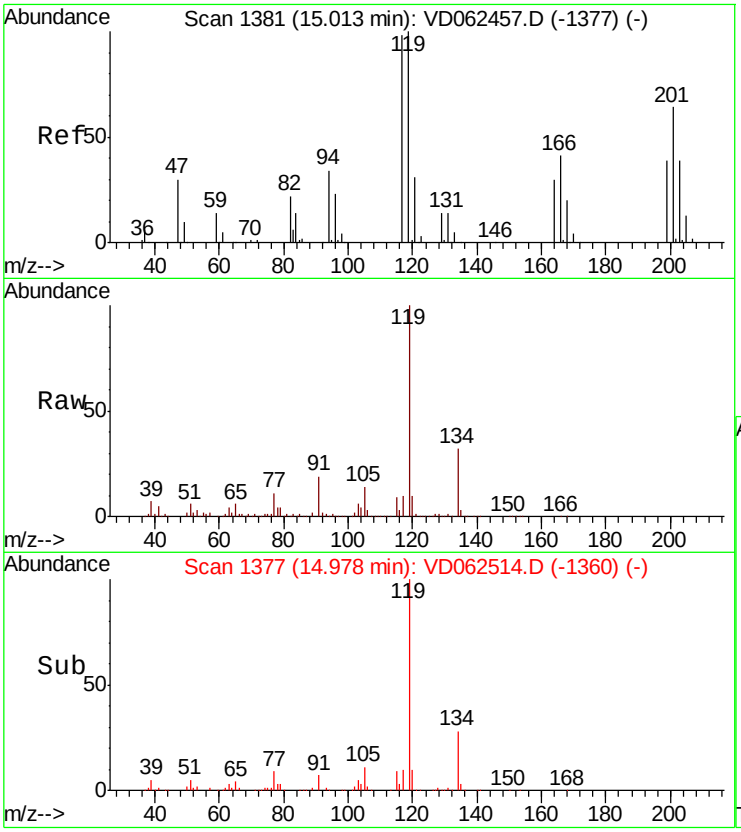


#89
n-Butylbenzene
Concen: 3465.372 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion: 91 Resp: 1254094

Ion	Ratio	Lower	Upper
91	100		
92	57.0	30.3	91.0
134	26.7	14.5	43.6



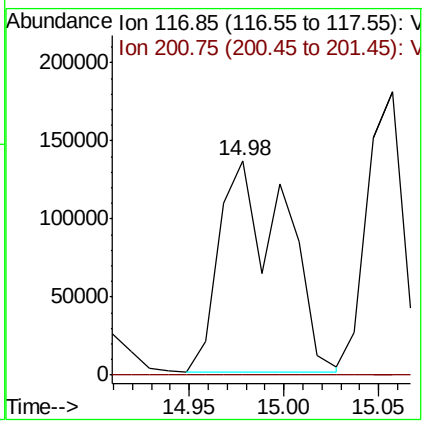


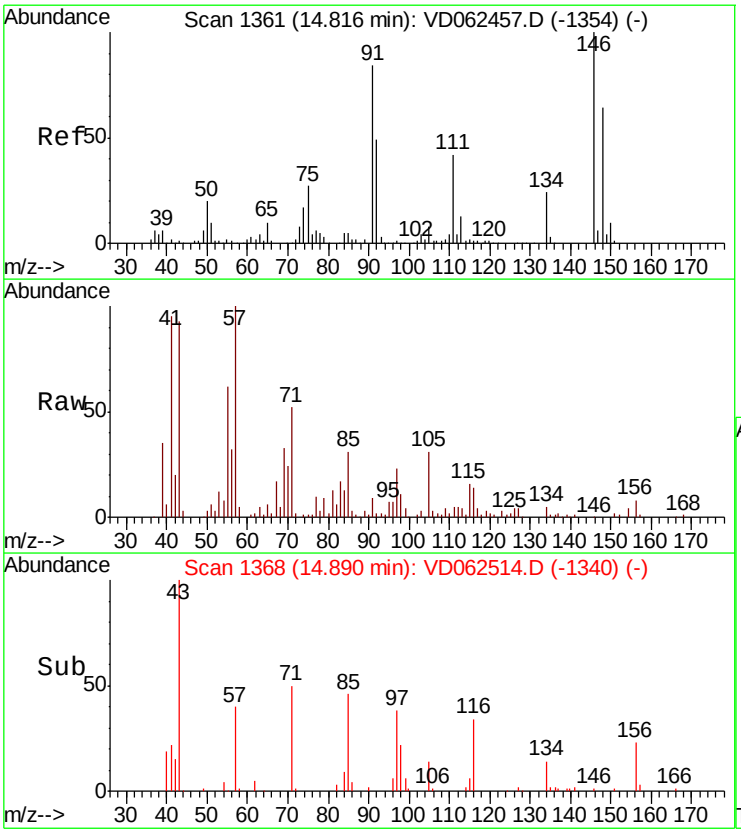
#90
Hexachloroethane
Concen: 3091.956 ug/l
RT: 14.98 min Scan# 1377
Delta R.T. -0.03 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion:117 Resp: 320431

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.2	90.6#

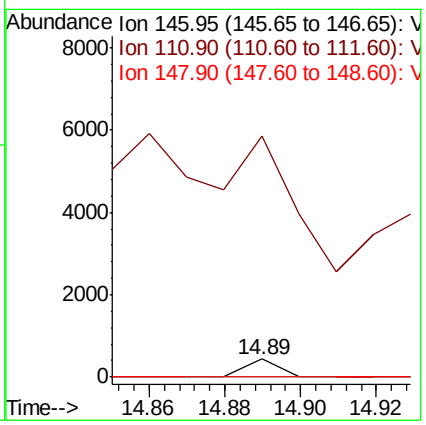


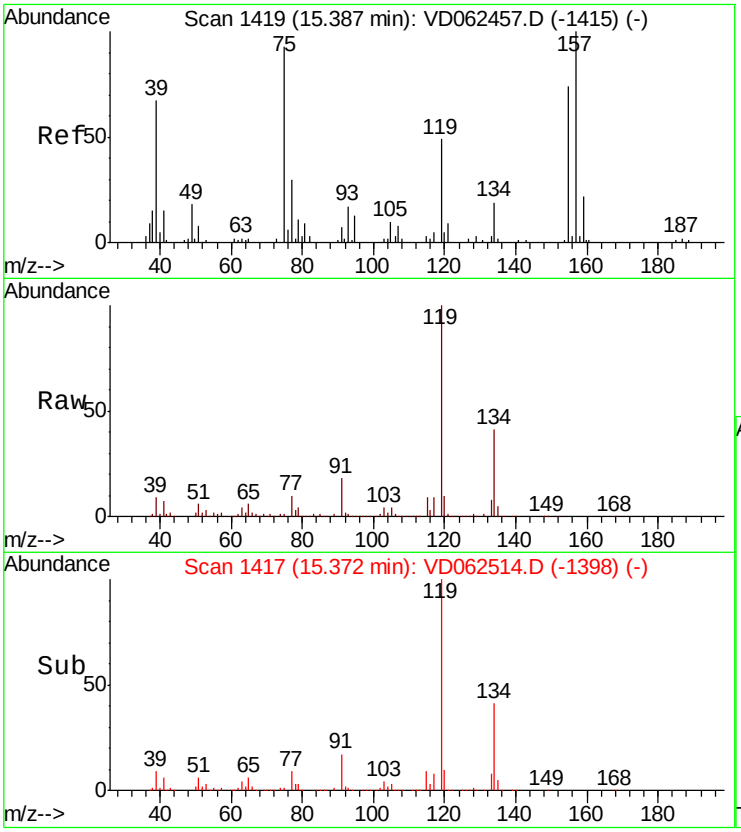


#91
1,2-Dichlorobenzene
Concen: 1.472 ug/l
RT: 14.89 min Scan# 1368
Delta R.T. 0.07 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:146 Resp: 259

Ion	Ratio	Lower	Upper
146	100		
111	1337.7	20.0	59.9#
148	0.0	32.3	96.8#



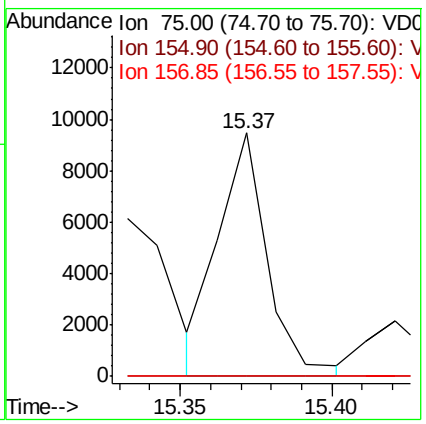


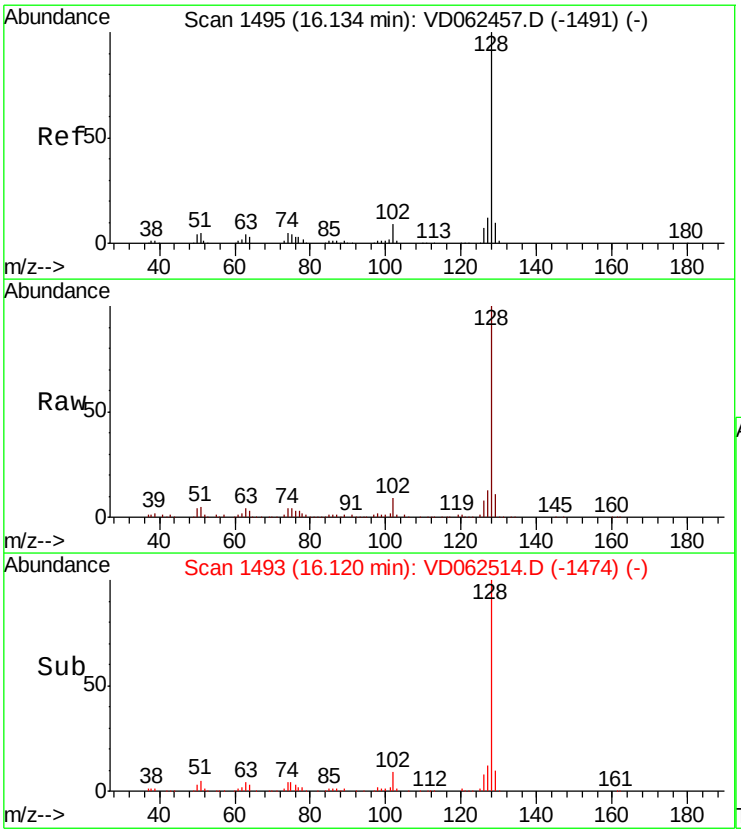
#92
1,2-Dibromo-3-Chloropropane
Concen: 757.151 ug/l
RT: 15.37 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :
P-1(9.5-10.0)RE

Tgt Ion: 75 Resp: 10713

Ion	Ratio	Lower	Upper
75	100		
155	0.0	55.3	165.8#
157	0.0	67.8	203.2#





#95
Naphthalene
Concen: 3010.313 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062514.D
Acq: 22 May 2019 20:23

Tgt Ion:128 Resp: 570053

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	10.9	8.8	13.2