Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062501.D
Acq On : 22 May 2019 14:07
Operator : VA/AP
Sample : K2996-01
Misc : 6.29g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 23 03:12:38 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	7.08	168	60629	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.30	114	211609	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.47	117	164878	50.00	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	14.53	152	6088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.52	65	25438	39.20	ug/l	0.05
Spiked Amount 50.000			Recovery = 78.40%			
35) Dibromofluoromethane	6.95	113	115616	60.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.12%			
50) Toluene-d8	10.52	98	82710	19.80	ug/l	0.09
Spiked Amount 50.000			Recovery = 39.60%			
62) 4-Bromofluorobenzene	13.65	95	241362	132.08	ug/l	0.08
Spiked Amount 50.000			Recovery = 264.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	194	Below Cal	#	42
3) Chloromethane	1.68	50	18712	44.552	ug/l #	64
5) Bromomethane	2.16	94	2251	11.803	ug/l #	12
6) Chloroethane	2.32	64	2730	12.769	ug/l #	1
8) Diethyl Ether	2.83	74	183	1.328	ug/l #	1
10) Methyl Iodide	3.38	142	1069	1.262	ug/l #	37
11) Tert butyl alcohol	4.11	59	2351	78.480	ug/l #	1
13) Acrolein	2.97	56	961282	38640.852	ug/l #	1
15) Acrylonitrile	4.22	53	215772	3143.365	ug/l #	42
16) Acetone	3.18	43	2188631	18819.068	ug/l #	59
17) Carbon Disulfide	3.37	76	8006	5.888	ug/l #	75
19) Methyl tert-butyl Ether	4.38	73	8447	8.145	ug/l #	1
20) Methylene Chloride	3.71	84	45945	98.682	ug/l #	17
22) Diisopropyl ether	5.13	45	1471	1.044	ug/l #	1
24) 1,1-Dichloroethane	5.15	63	257773	284.028	ug/l #	85
26) 2,2-Dichloropropane	5.89	77	8958	9.157	ug/l #	53
28) Bromochloromethane	6.49	49	1066	3.273	ug/l #	1
29) Tetrahydrofuran	6.72	42	647401	11144.332	ug/l #	30
30) Chloroform	6.72	83	7497522	6479.945	ug/l #	39
31) Cyclohexane	7.09	56	9535234	15560.641	ug/l #	41
36) 1,1-Dichloropropene	7.21	75	3416	1.688	ug/l #	1
39) Methylcyclohexane	9.06	83	11791340	7066.284	ug/l #	58
40) Benzene	7.54	78	1862446	469.320	ug/l #	83
41) Methacrylonitrile	6.50	41	173079	175.342	ug/l #	68
42) 1,2-Dichloroethane	7.65	62	3325	1.582	ug/l #	1
43) Isopropyl Acetate	9.29	43	75469782	72382.895	ug/l #	43
45) 1,2-Dichloropropane	9.05	63	156001	161.310	ug/l #	1
46) Dibromomethane	9.19	93	111326	126.993	ug/l #	1
48) Methyl methacrylate	9.18	41	6002986	8555.550	ug/l #	62
49) 1,4-Dioxane	9.15	88	184	29.236	ug/l #	1
52) Toluene	10.73	92	2464015	906.988	ug/l	96
53) t-1,3-Dichloropropene	11.04	75	15729	8.472	ug/l #	1
54) cis-1,3-Dichloropropene	10.22	75	2086	1.077	ug/l #	1
55) 1,1,2-Trichloroethane	11.25	97	5058957	5494.447	ug/l #	30

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062501.D
Acq On : 22 May 2019 14:07
Operator : VA/AP
Sample : K2996-01
Misc : 6.29g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 23 03:12:38 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)
56) Ethyl methacrylate	11.18	69	13769023	13988.682 ug/l #	70
58) 2-Chloroethyl Vinyl ether	9.97	63	146112	289.086 ug/l #	46
59) 2-Hexanone	11.66	43	7304839	14592.112 ug/l #	33
60) Dibromochloromethane	11.84	129	36311	20.532 ug/l	60
61) 1,2-Dibromoethane	11.99	107	107084	94.372 ug/l #	1
65) Chlorobenzene	12.49	112	57639	18.179 ug/l #	52
68) m/p-Xylenes	12.61	106	10350234	5279.689 ug/l	97
69) o-Xylene	13.11	106	442561	239.264 ug/l	79
70) Styrene	13.11	104	30758	9.775 ug/l #	1
73) Isopropylbenzene	13.45	105	16434844	42826.992 ug/l	79
74) N-amyl acetate	13.27	43	1458838	15391.891 ug/l #	50
75) 1,1,2,2-Tetrachloroethane	13.70	83	168179	2429.233 ug/l #	88
76) 1,2,3-Trichloropropane	13.81	75	113132	1577.643 ug/l #	1
77) Bromobenzene	13.63	156	944	8.672 ug/l #	1
78) n-propylbenzene	13.81	91	13697031	30813.768 ug/l	79
79) 2-Chlorotoluene	13.81	91	13697031	50775.666 ug/l #	38
80) 1,3,5-Trimethylbenzene	13.96	105	8519088	25639.087 ug/l	92
81) trans-1,4-Dichloro-2-buten	13.45	75	253362	12527.770 ug/l #	14
82) 4-Chlorotoluene	13.96	91	984789	3169.942 ug/l #	37
83) tert-Butylbenzene	14.28	119	3226026	8752.914 ug/l #	69
84) 1,2,4-Trimethylbenzene	14.28	105	19938137	58560.868 ug/l	66
85) sec-Butylbenzene	14.38	105	903061	2349.832 ug/l	97
86) p-Isopropyltoluene	14.51	119	323409	928.614 ug/l	91
89) n-Butylbenzene	14.80	91	1175048	3496.016 ug/l	93
90) Hexachloroethane	14.98	117	260547	2706.967 ug/l #	20
91) 1,2-Dichlorobenzene	14.88	146	207	1.266 ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	15.37	75	5360	407.882 ug/l #	1
95) Naphthalene	16.12	128	368909	2097.557 ug/l	98

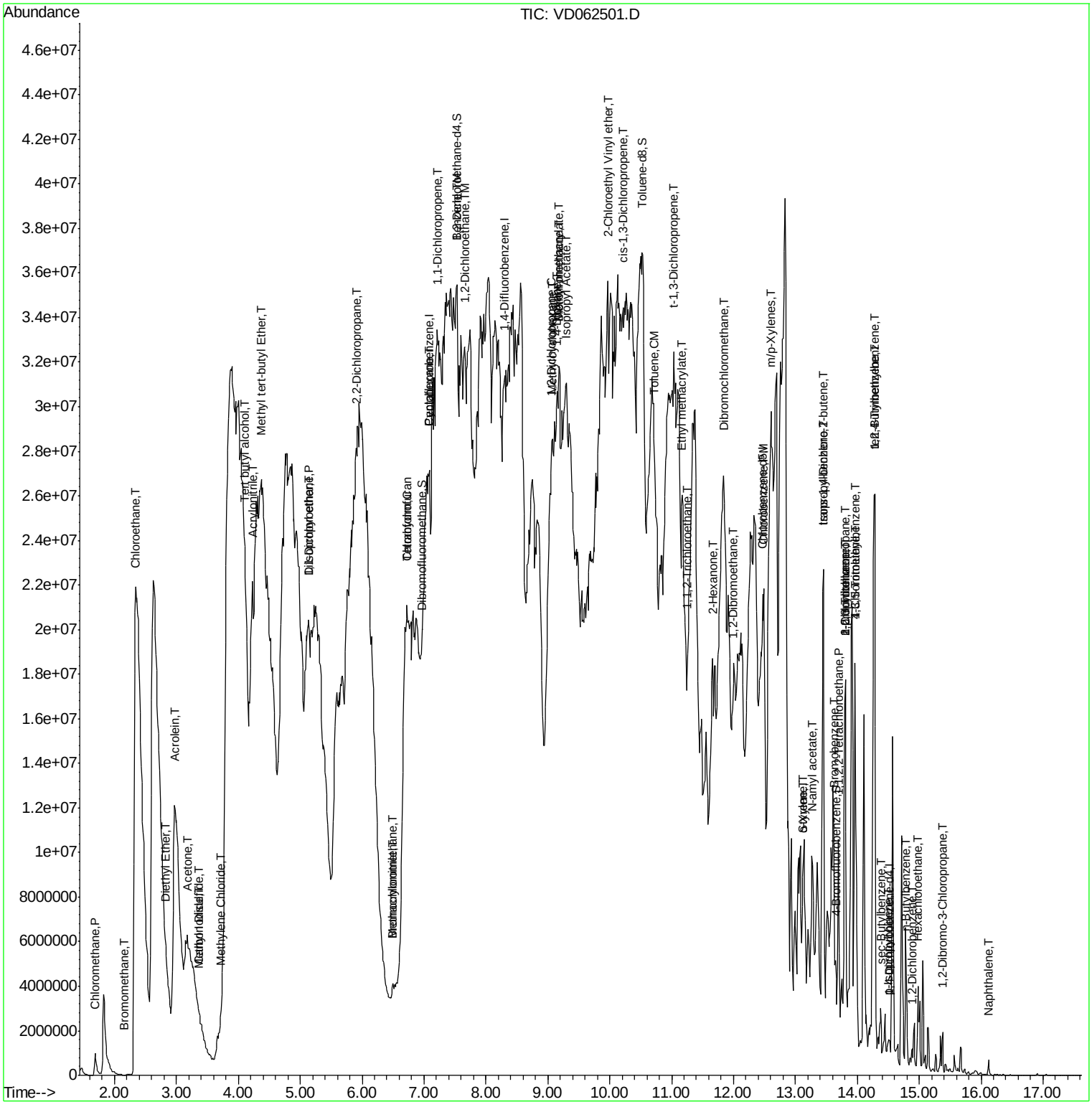
(#) = qualifier out of range (m) = manual integration (+) = signals summed

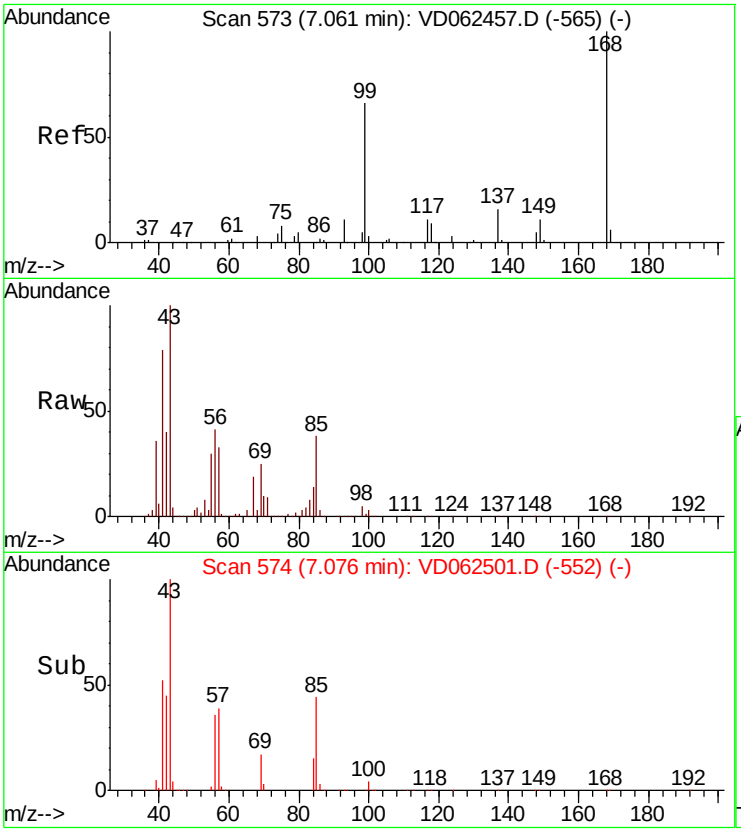
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052219\
Data File : VD062501.D
Acq On : 22 May 2019 14:07
Operator : VA/AP
Sample : K2996-01
Misc : 6.29g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 23 03:12:38 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



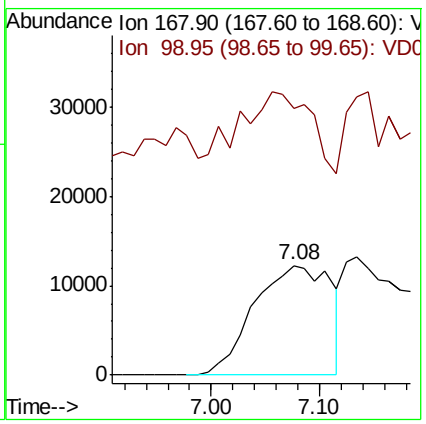


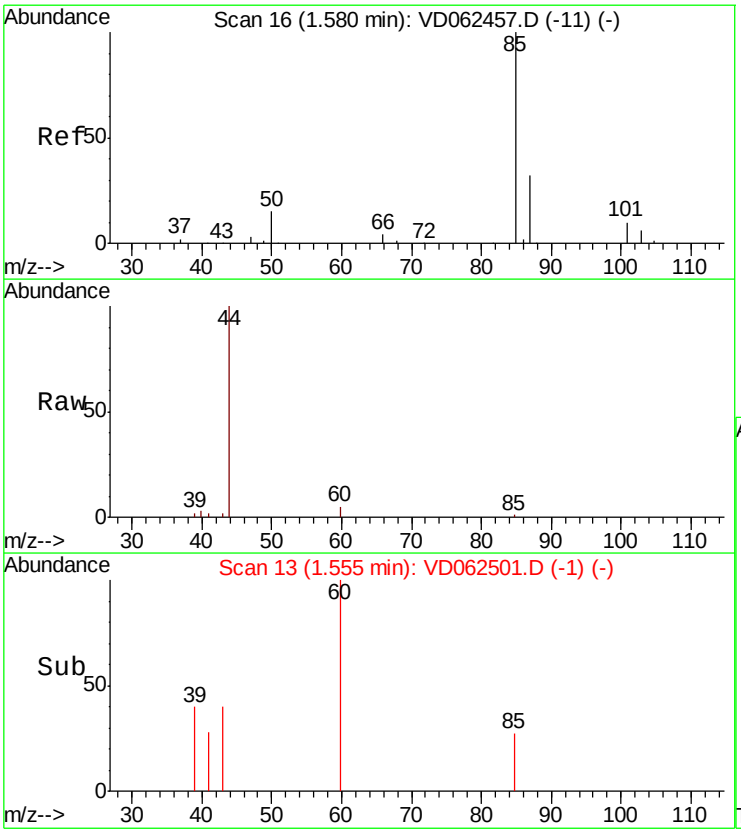
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 574
Delta R.T. 0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:168 Resp: 60629

Ion	Ratio	Lower	Upper
168	100		
99	243.5	46.5	69.7#

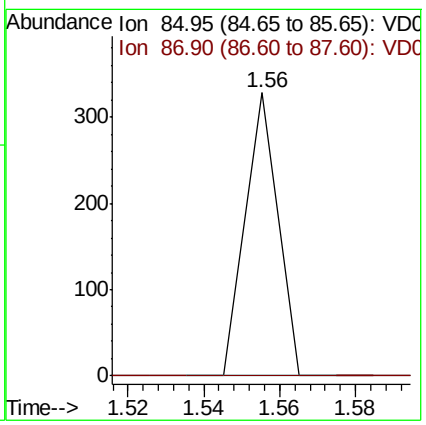


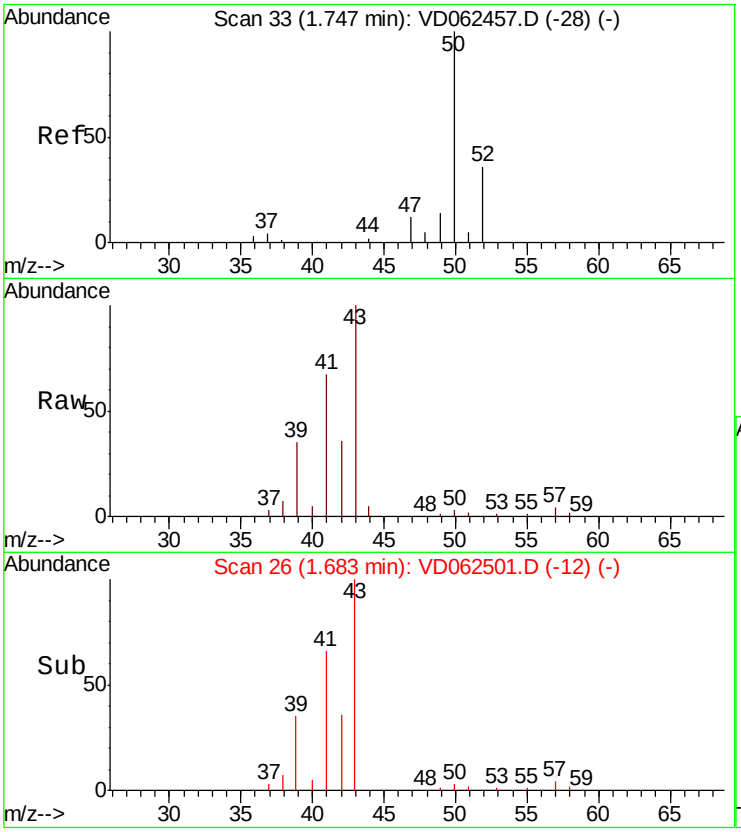


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.56 min Scan# 13
Delta R.T. -0.02 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 85 Resp: 194

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



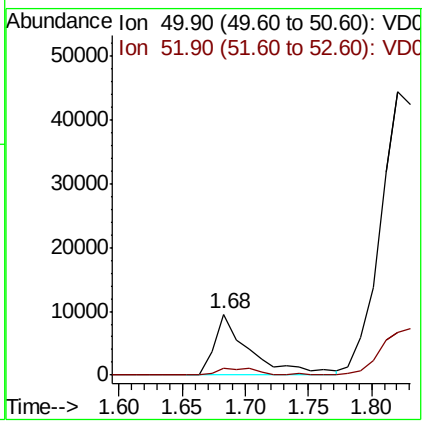


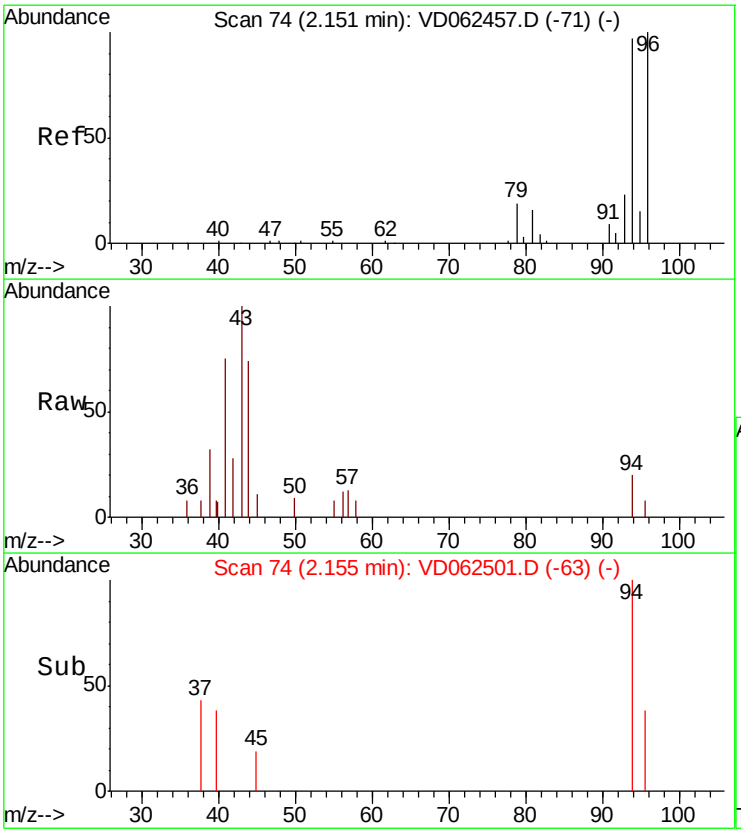
#3
Chloromethane
Concen: 44.552 ug/l
RT: 1.68 min Scan# 26
Delta R.T. -0.06 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 50 Resp: 18712

Ion	Ratio	Lower	Upper
50	100		
52	11.8	25.2	37.8#

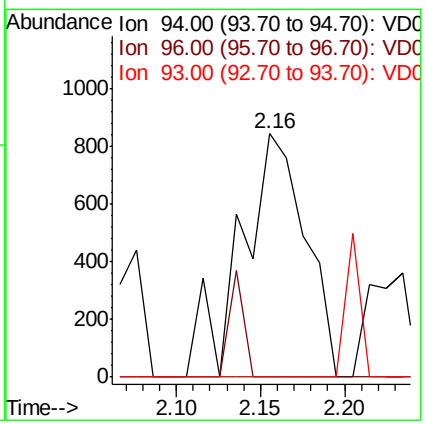


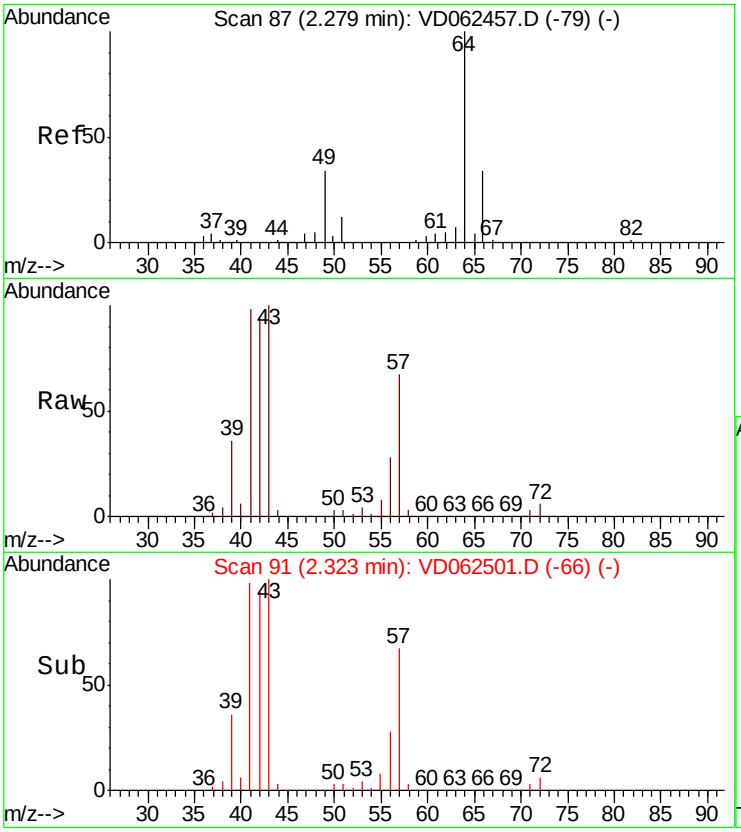


#5
Bromomethane
Concen: 11.803 ug/l
RT: 2.16 min Scan# 74
Delta R.T. 0.00 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 94 Resp: 2251

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



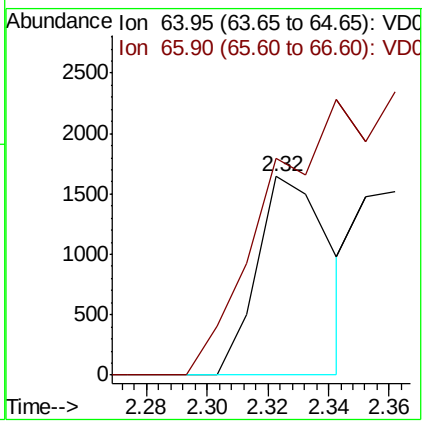


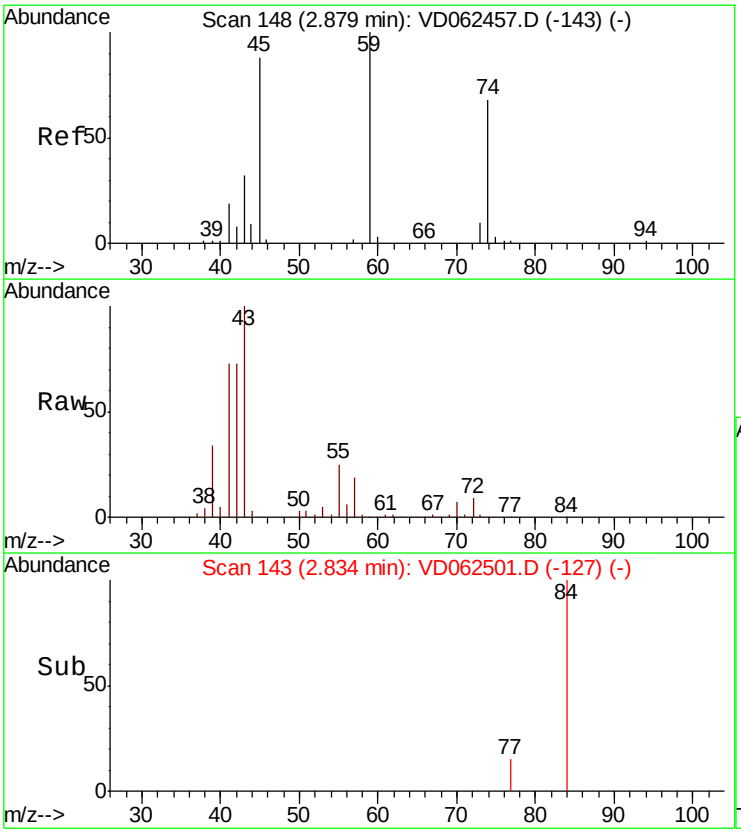
#6
Chloroethane
Concen: 12.769 ug/l
RT: 2.32 min Scan# 91
Delta R.T. 0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 64 Resp: 2730

Ion	Ratio	Lower	Upper
64	100		
66	109.3	25.6	38.4#

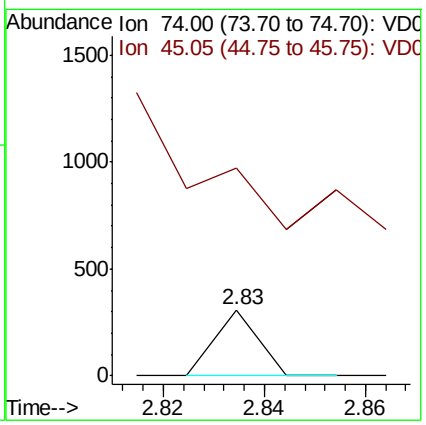


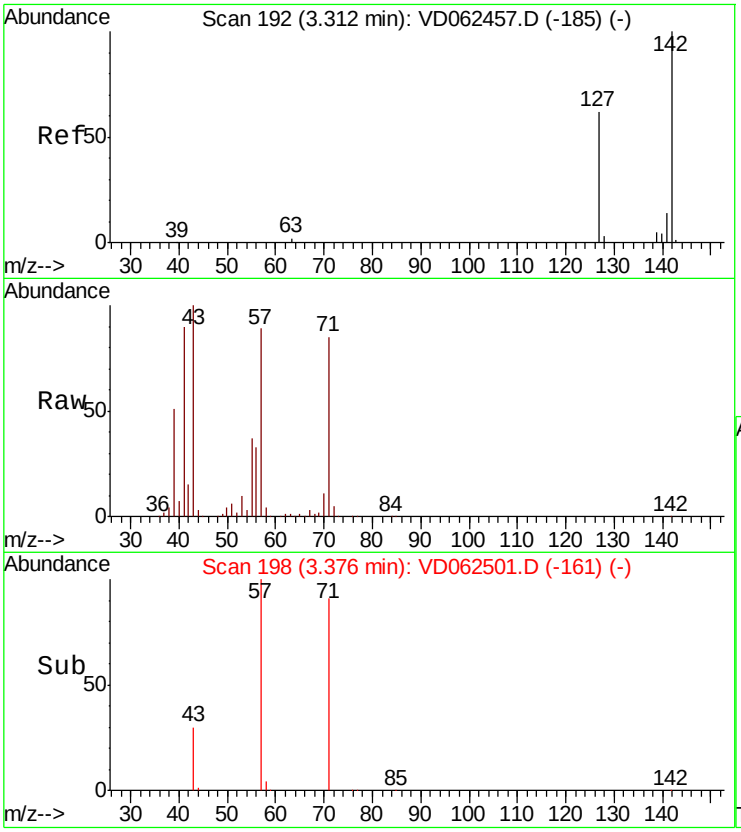


#8
Diethyl Ether
Concen: 1.328 ug/l
RT: 2.83 min Scan# 143
Delta R.T. -0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 74 Resp: 183

Ion	Ratio	Lower	Upper
74	100		
45	312.9	56.9	170.7#



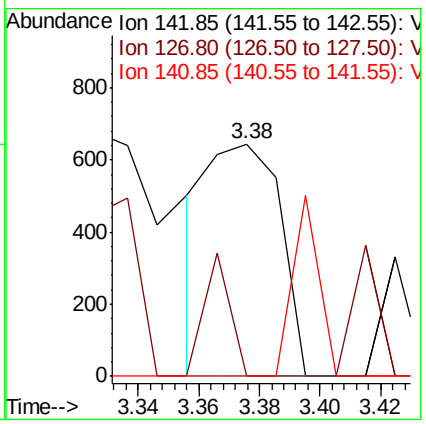


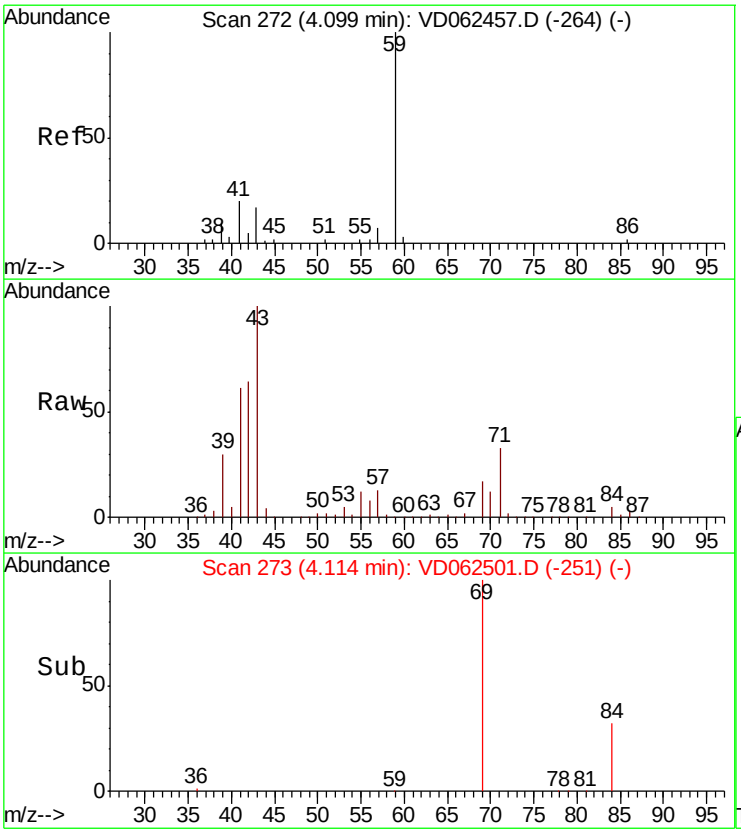
#10
Methyl Iodide
Concen: 1.262 ug/l
RT: 3.38 min Scan# 198
Delta R.T. 0.06 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:142 Resp: 1069

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#

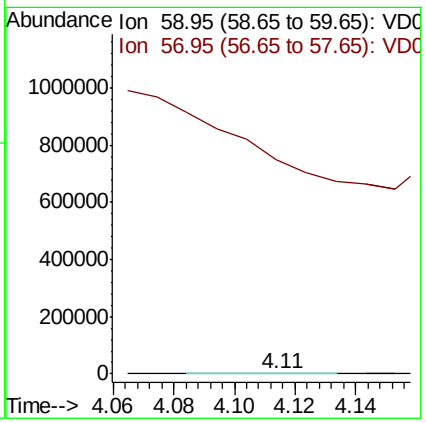


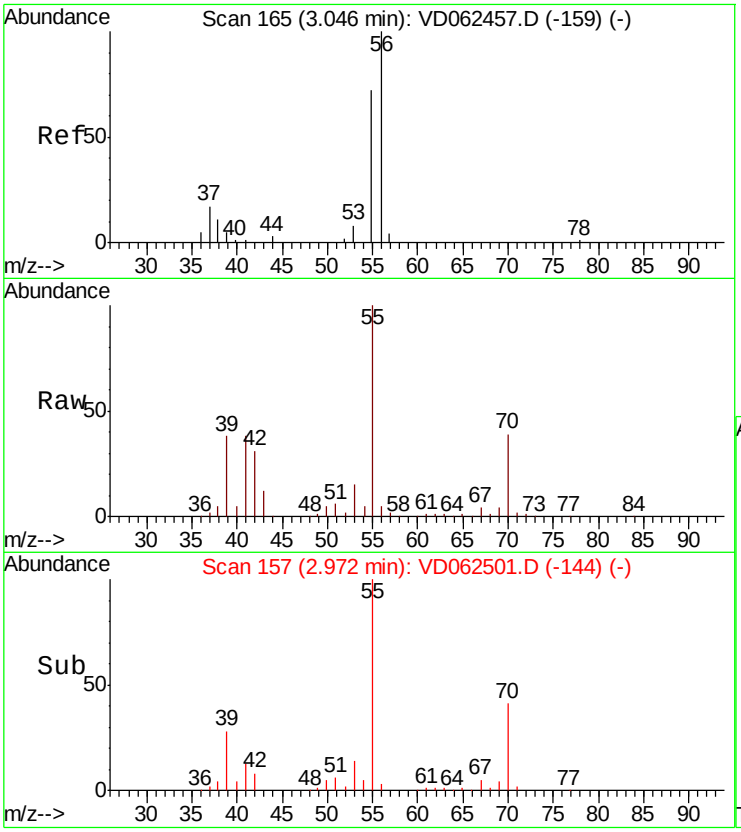


#11
Tert butyl alcohol
Concen: 78.480 ug/l
RT: 4.11 min Scan# 273
Delta R.T. 0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 59 Resp: 2351

Ion	Ratio	Lower	Upper
59	100		
57	78562.5	6.9	10.3#



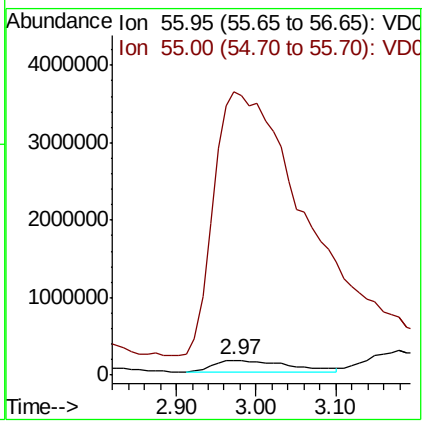


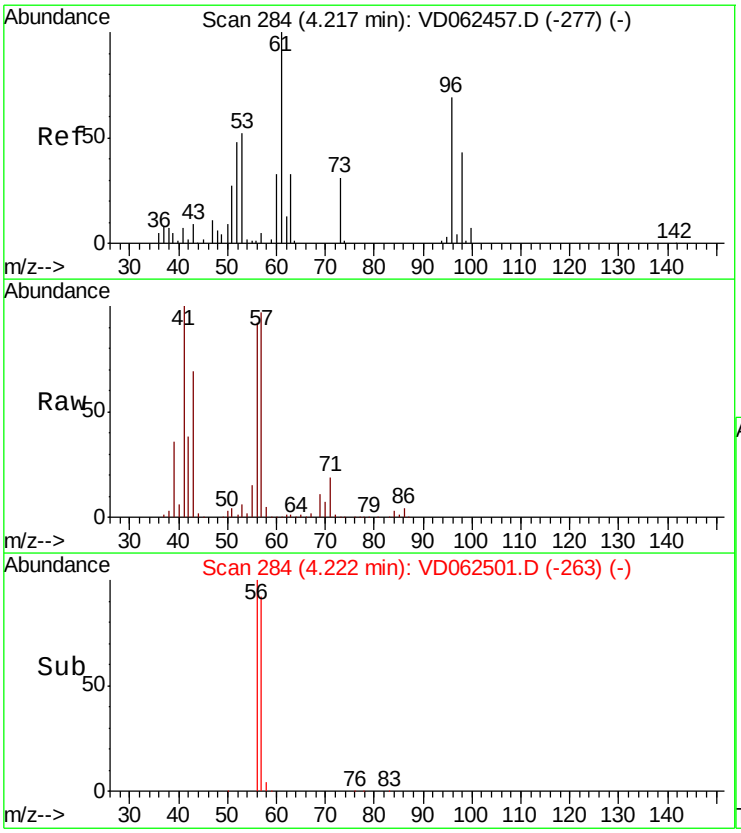
#13
Acrolein
Concen: 38640.852 ug/l
RT: 2.97 min Scan# 157
Delta R.T. -0.07 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 56 Resp: 961282

Ion	Ratio	Lower	Upper
56	100		
55	1905.4	51.4	77.2#

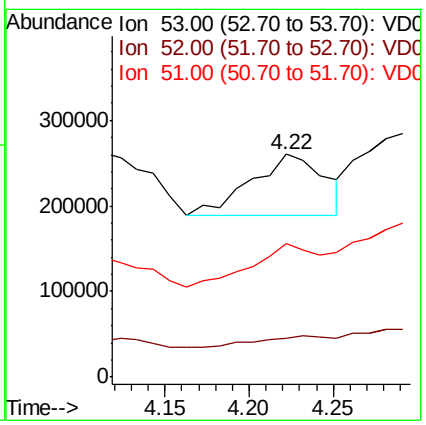


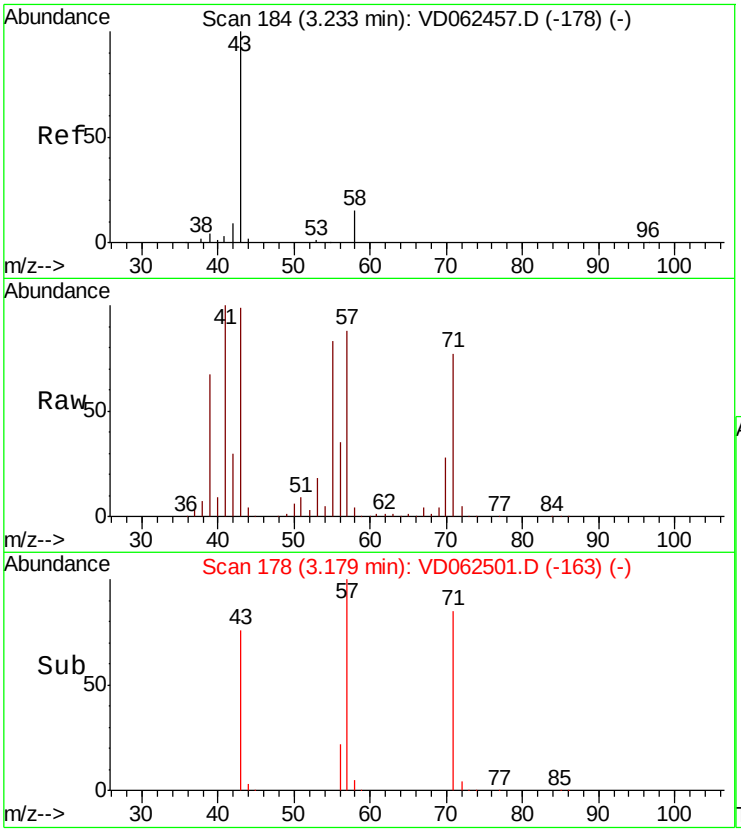


#15
Acrylonitrile
Concen: 3143.365 ug/l
RT: 4.22 min Scan# 284
Delta R.T. 0.00 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 53 Resp: 215772

Ion	Ratio	Lower	Upper
53	100		
52	17.6	65.0	97.4#
51	59.8	32.6	48.8#



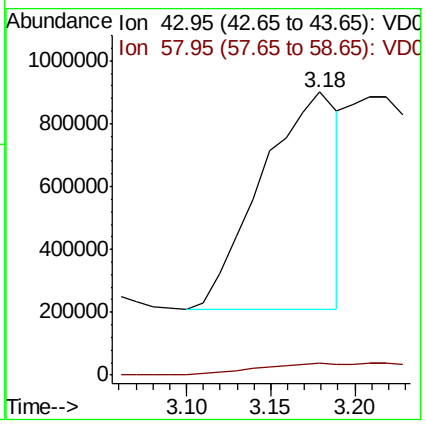


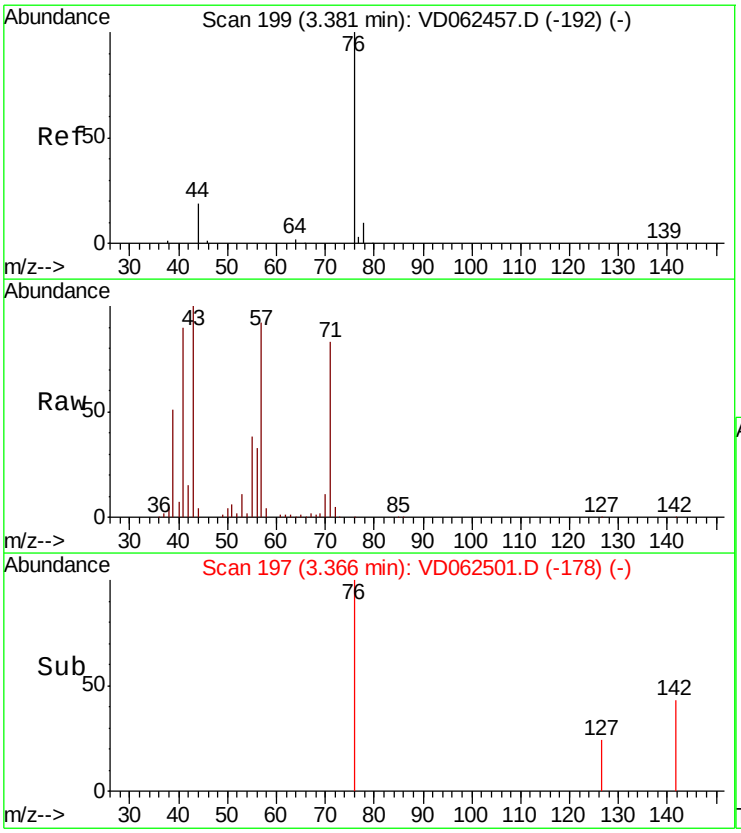
#16
Acetone
Concen: 18819.068 ug/l
RT: 3.18 min Scan# 178
Delta R.T. -0.05 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 43 Resp: 2188631

Ion	Ratio	Lower	Upper
43	100		
58	4.2	19.9	29.9#

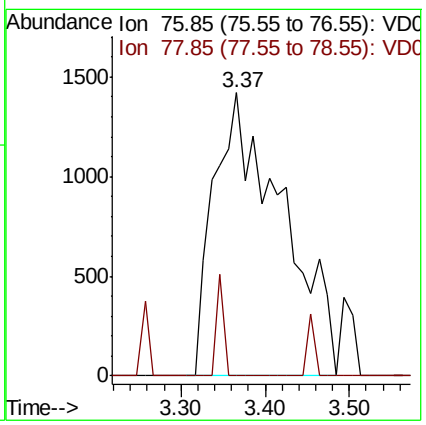


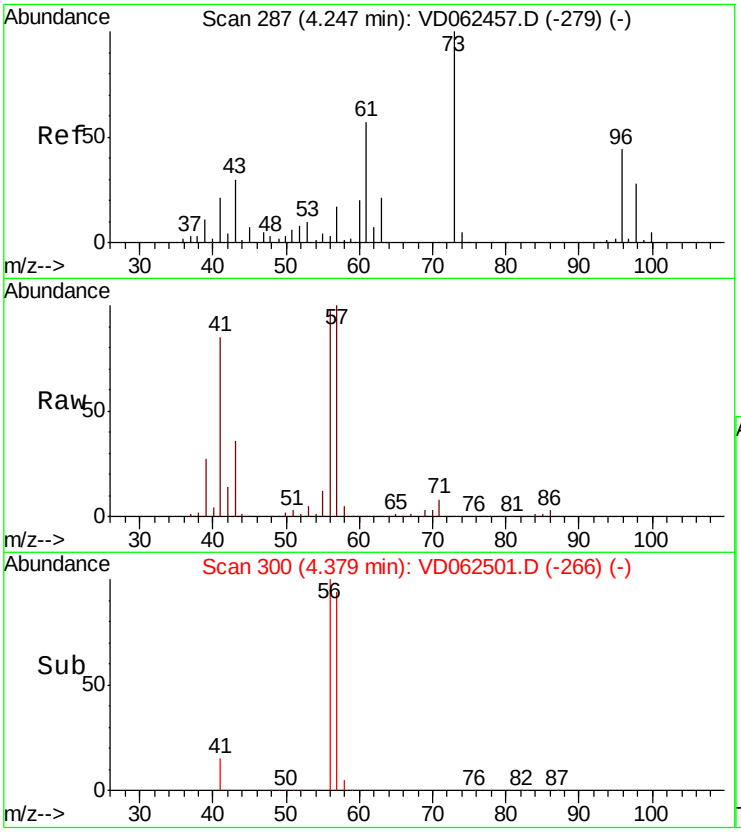


#17
Carbon Disulfide
Concen: 5.888 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 76 Resp: 8006

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



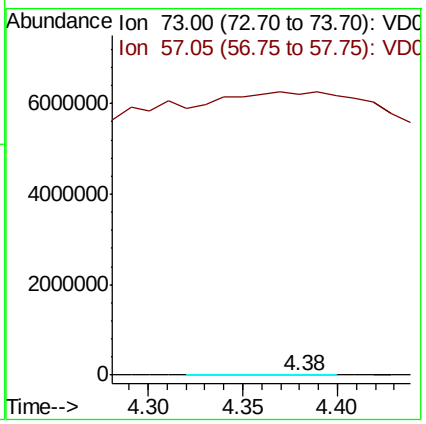


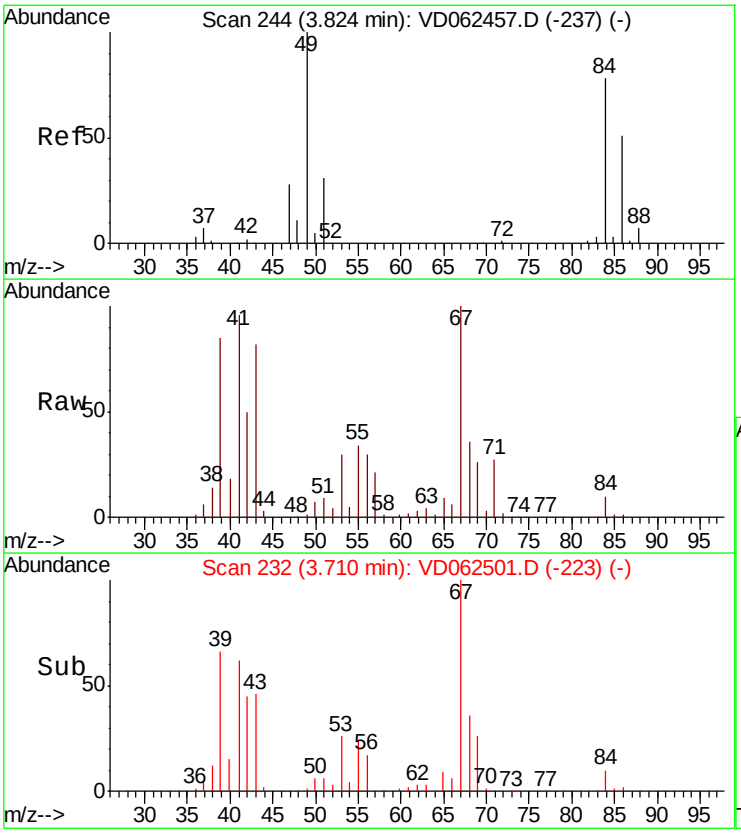
#19
Methyl tert-butyl Ether
Concen: 8.145 ug/l
RT: 4.38 min Scan# 300
Delta R.T. 0.13 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 73 Resp: 8447

Ion	Ratio	Lower	Upper
73	100		
57	307632.4	16.3	24.5#

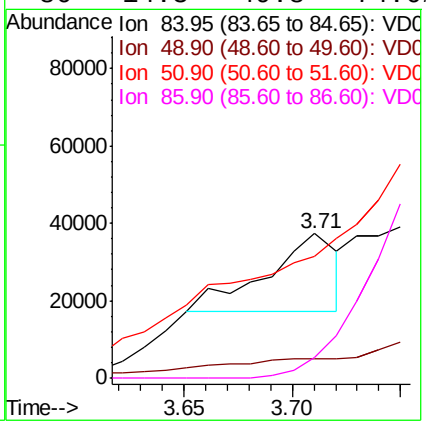


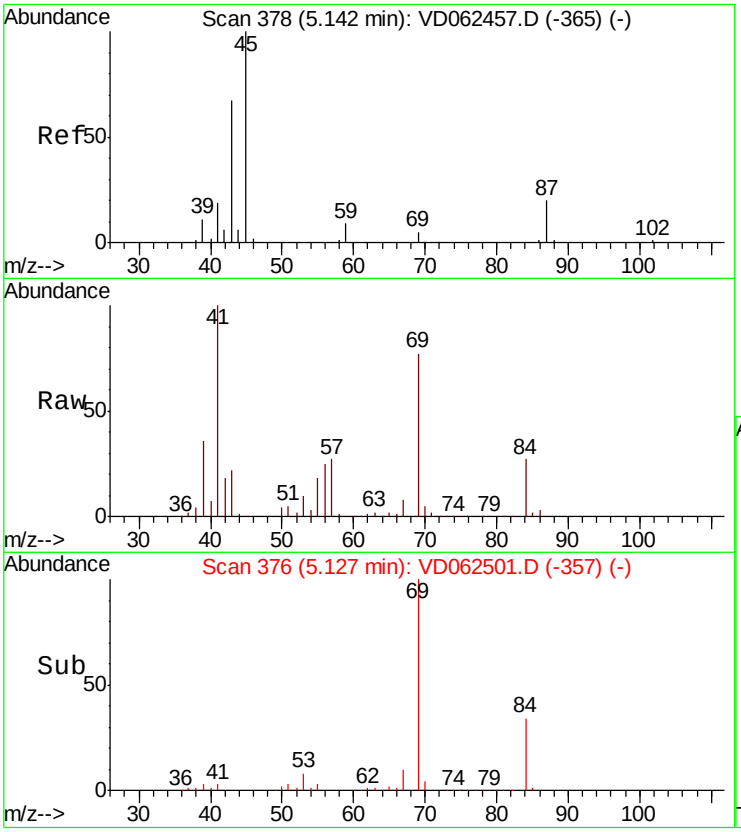


#20
Methylene Chloride
Concen: 98.682 ug/l
RT: 3.71 min Scan# 232
Delta R.T. -0.11 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 84 Resp: 45945

Ion	Ratio	Lower	Upper
84	100		
49	13.4	94.0	141.0#
51	84.4	29.0	43.4#
86	14.3	49.8	74.6#



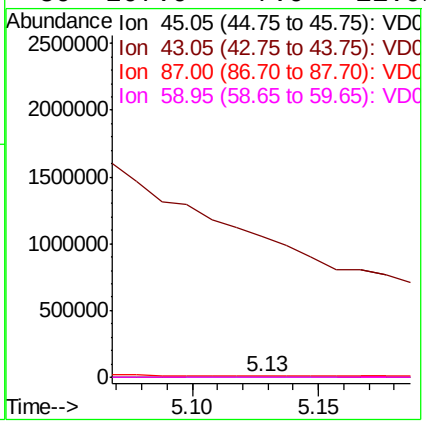


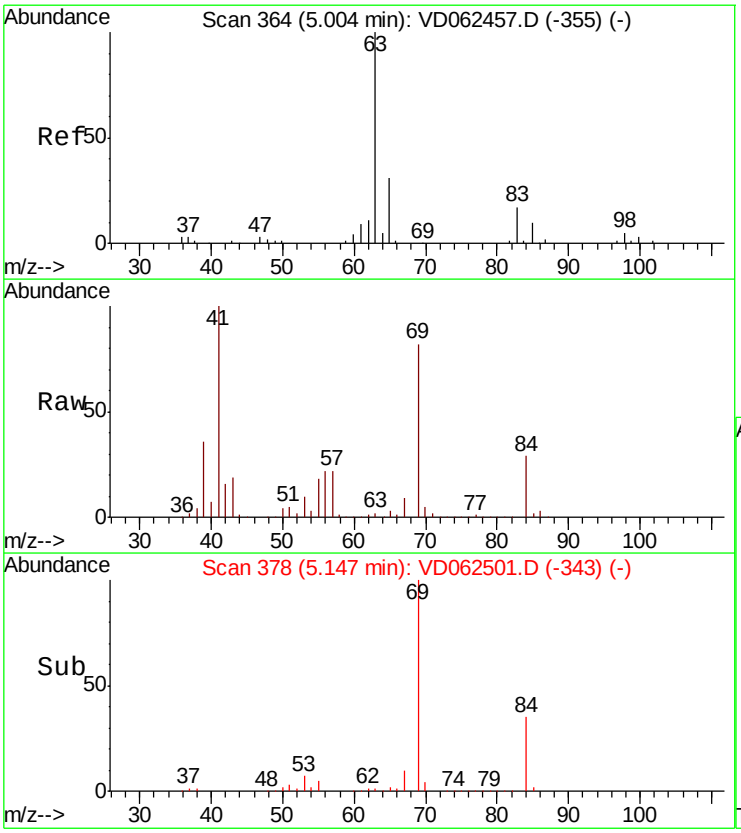
#22
Diisopropyl ether
Concen: 1.044 ug/l
RT: 5.13 min Scan# 376
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 45 Resp: 1471

Ion	Ratio	Lower	Upper
45	100		
43	167984.8	46.2	69.2#
87	1554.3	15.9	23.9#
59	207.9	7.9	11.9#

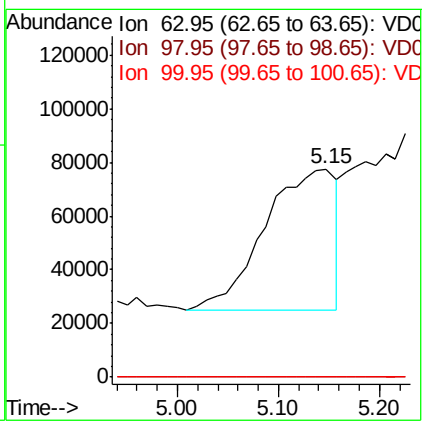


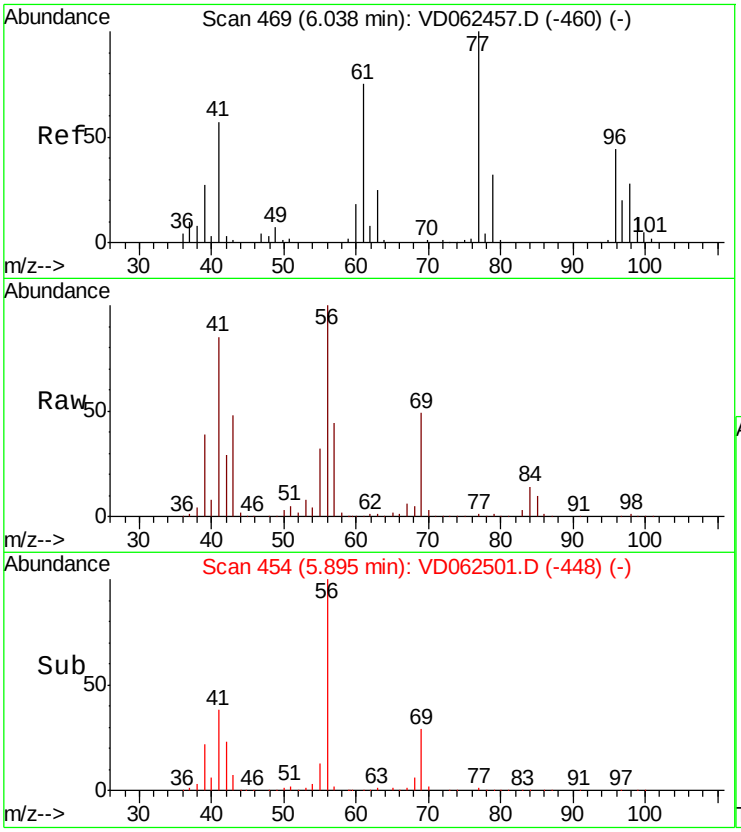


#24
1,1-Dichloroethane
Concen: 284.028 ug/l
RT: 5.15 min Scan# 378
Delta R.T. 0.14 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 63 Resp: 257773

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



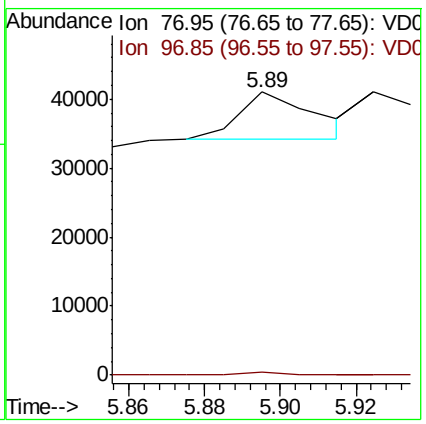


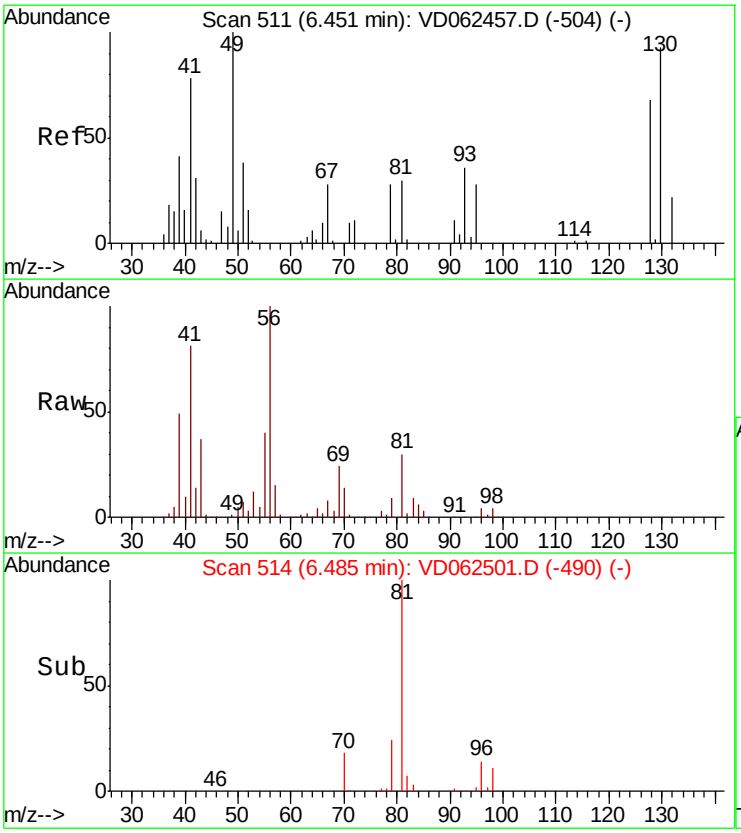
#26
2,2-Dichloropropane
Concen: 9.157 ug/l
RT: 5.89 min Scan# 454
Delta R.T. -0.14 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 77 Resp: 8958

Ion	Ratio	Lower	Upper
77	100		
97	0.9	11.9	35.9#

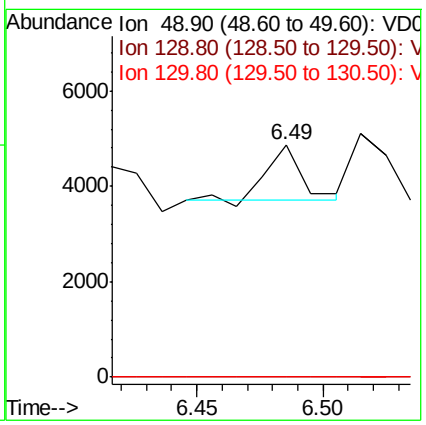


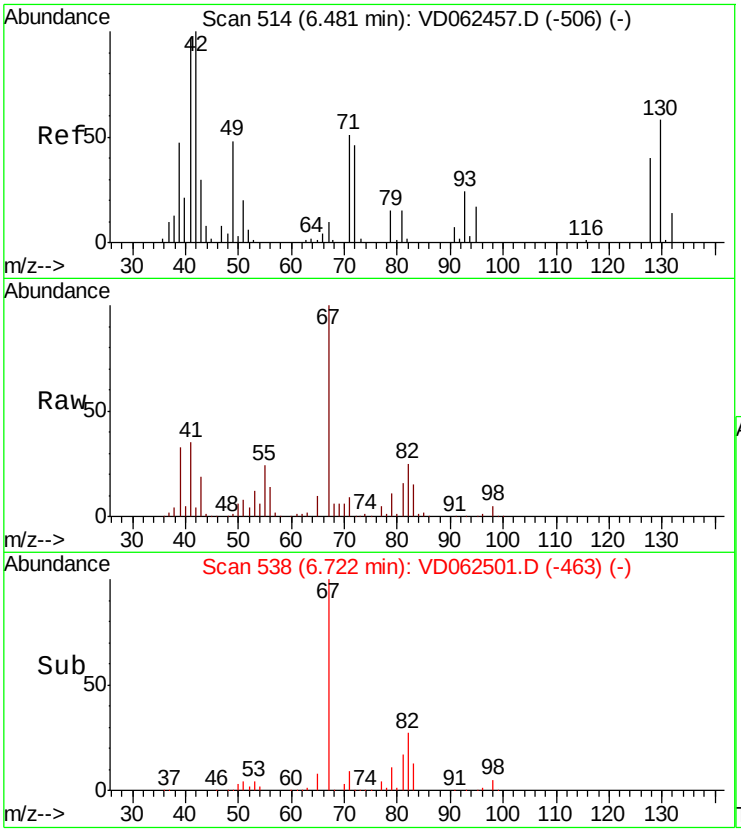


#28
Bromochloromethane
Concen: 3.273 ug/l
RT: 6.49 min Scan# 514
Delta R.T. 0.03 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 49 Resp: 1066

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



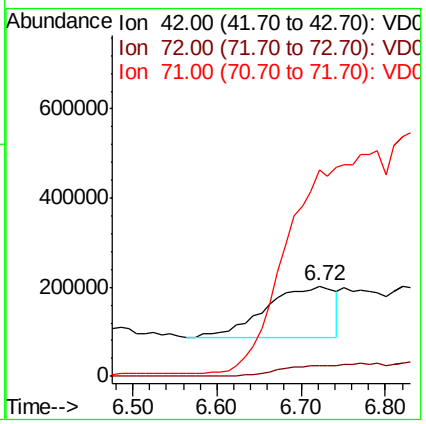


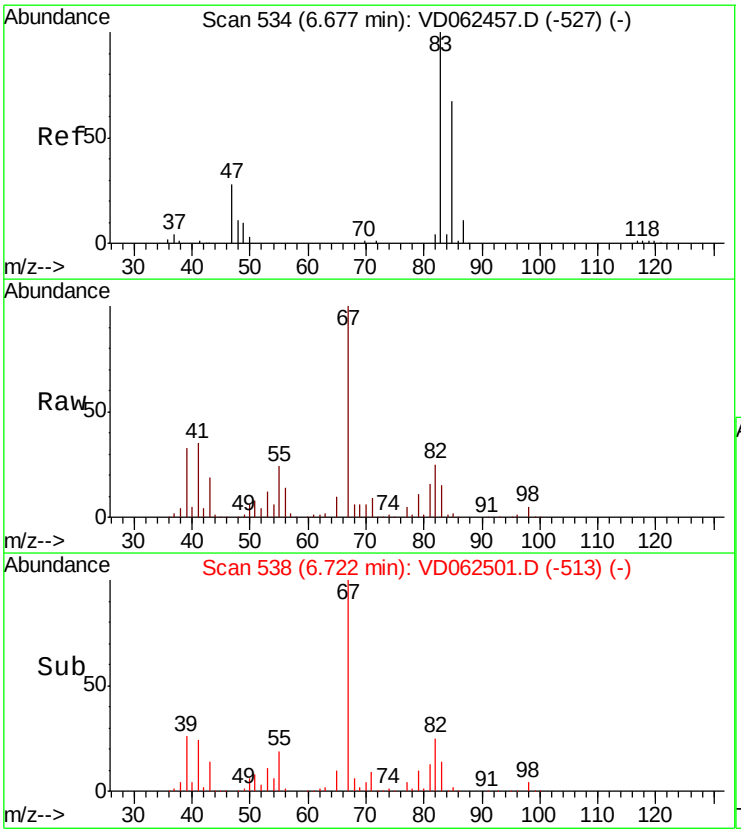
#29
Tetrahydrofuran
Concen: 11144.332 ug/l
RT: 6.72 min Scan# 538
Delta R.T. 0.24 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 42 Resp: 647401

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

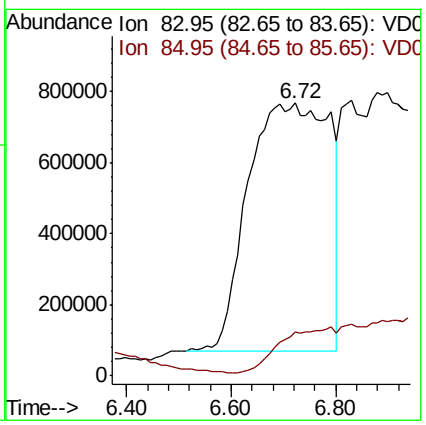


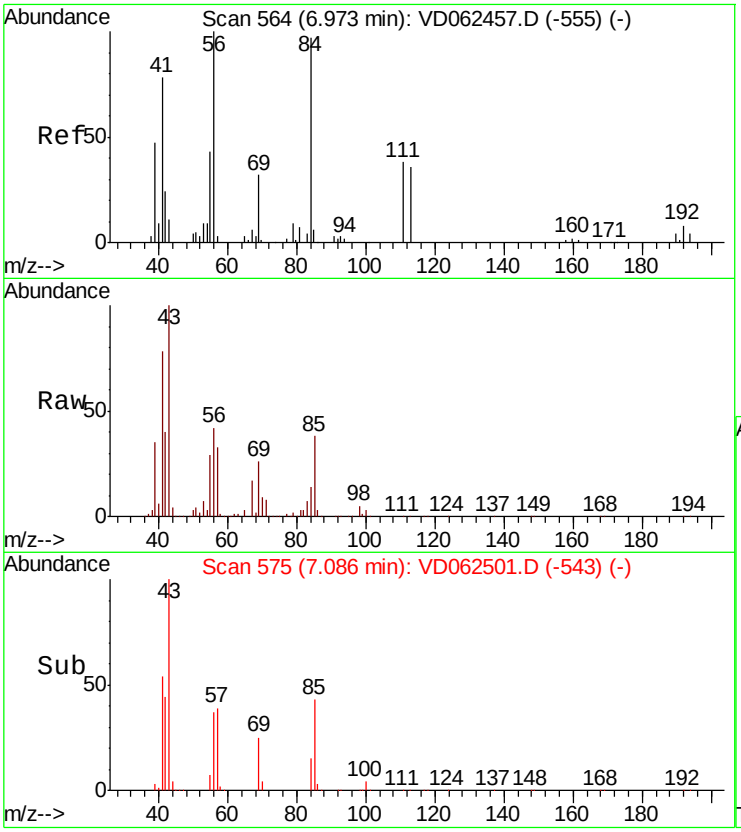


#30
Chloroform
Concen: 6479.945 ug/l
RT: 6.72 min Scan# 538
Delta R.T. 0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 83 Resp: 7497522

Ion	Ratio	Lower	Upper
83	100		
85	16.3	51.7	77.5#



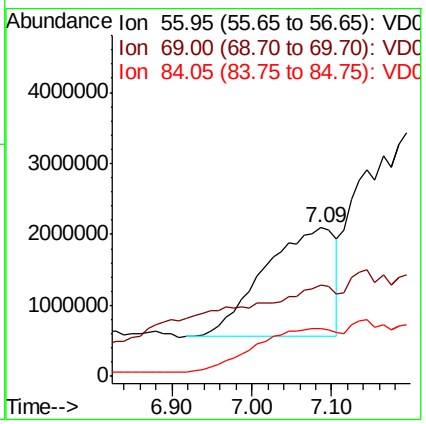


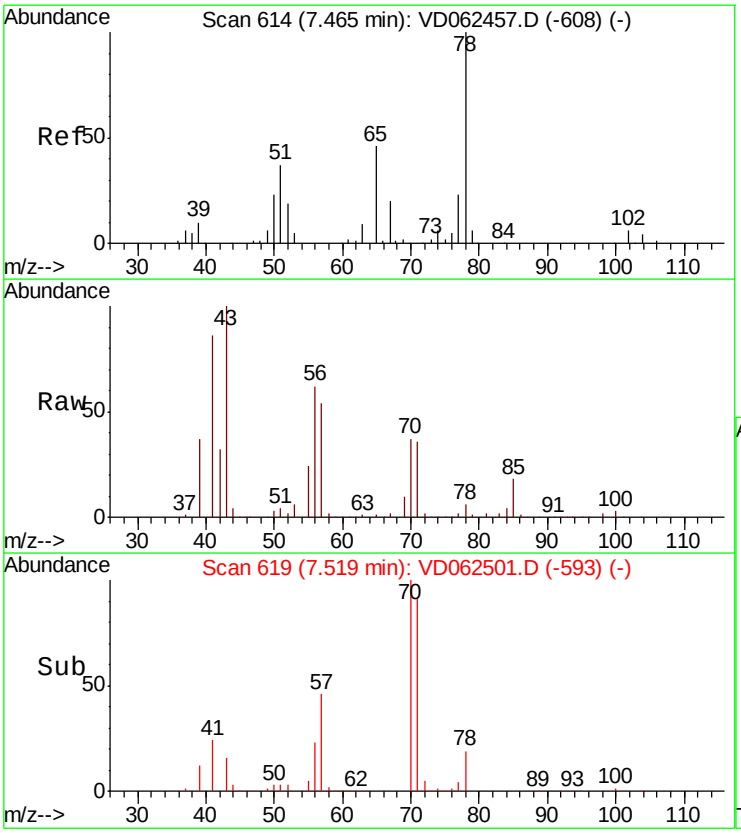
#31
Cyclohexane
Concen: 15560.641 ug/l
RT: 7.09 min Scan# 575
Delta R.T. 0.11 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 56 Resp: 9535234

Ion	Ratio	Lower	Upper
56	100		
69	61.5	25.8	38.6#
84	32.4	72.2	108.4#

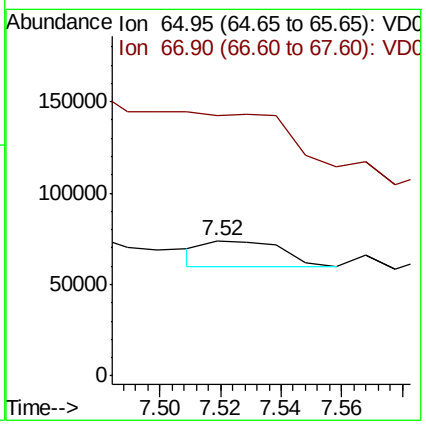


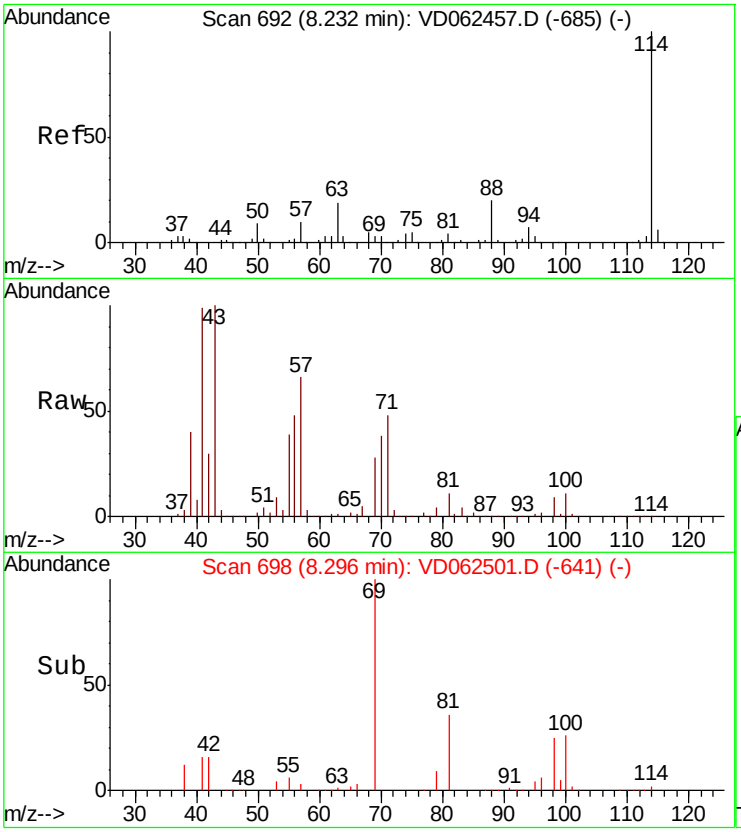


#33
1,2-Dichloroethane-d4
Concen: 39.196 ug/l
RT: 7.52 min Scan# 619
Delta R.T. 0.05 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 65 Resp: 25438

Ion	Ratio	Lower	Upper
65	100		
67	192.7	0.0	98.0#



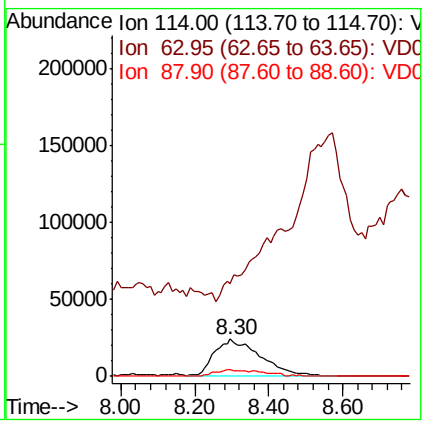


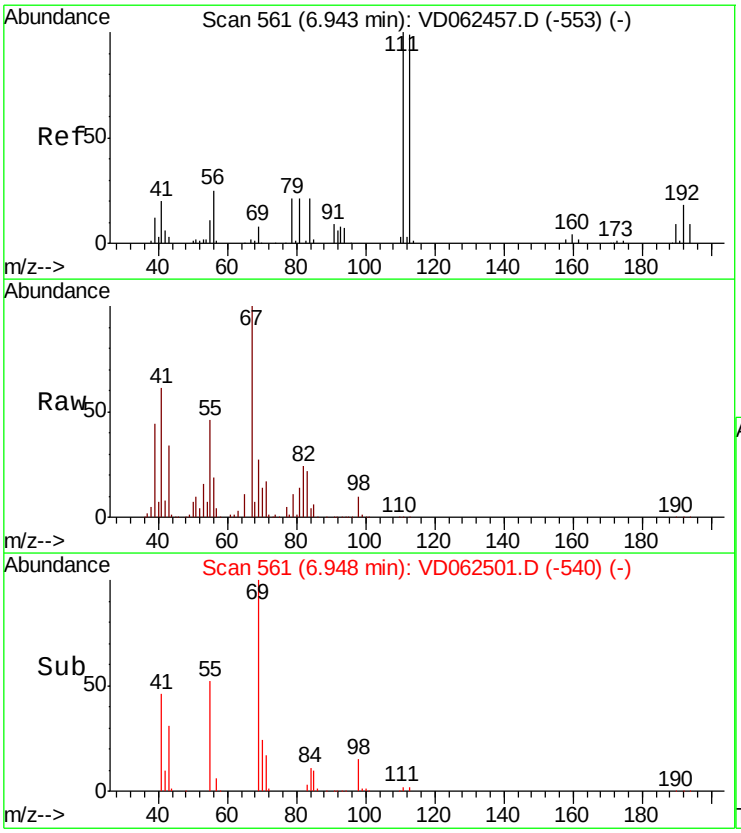
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.30 min Scan# 698
Delta R.T. 0.06 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:114 Resp: 211609

Ion	Ratio	Lower	Upper
114	100		
63	249.0	0.0	32.4#
88	19.8	0.0	33.6

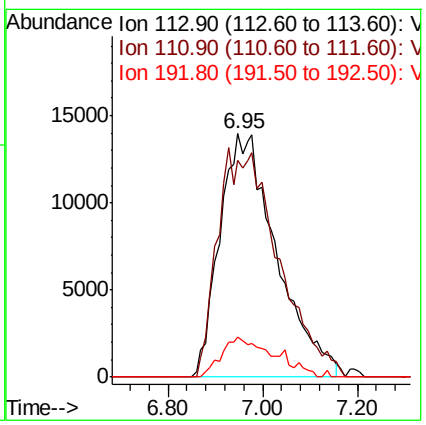


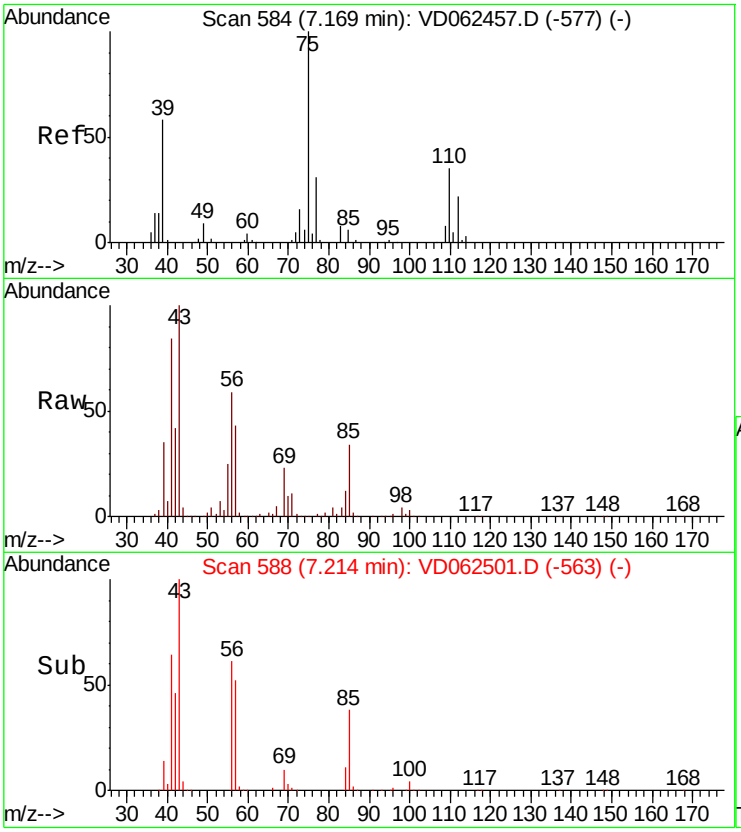


#35
Dibromofluoromethane
Concen: 60.565 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:113 Resp: 115616

Ion	Ratio	Lower	Upper
113	100		
111	89.3	78.5	117.7
192	16.4	13.0	19.4



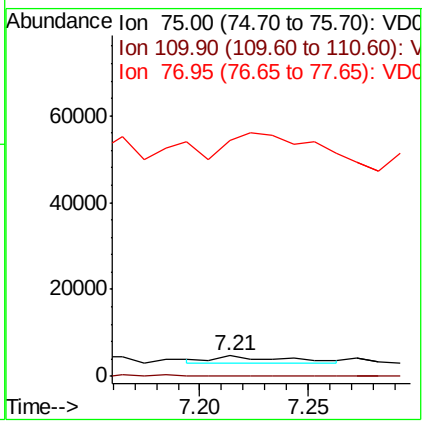


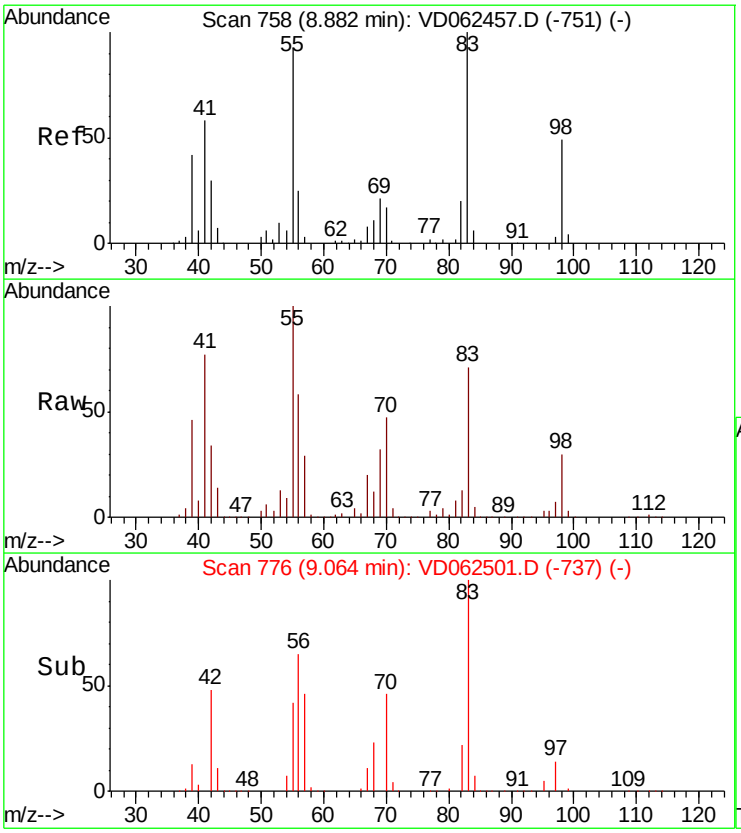
#36
1,1-Dichloropropene
Concen: 1.688 ug/l
RT: 7.21 min Scan# 588
Delta R.T. 0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 75 Resp: 3416

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	1145.7	25.6	38.4#

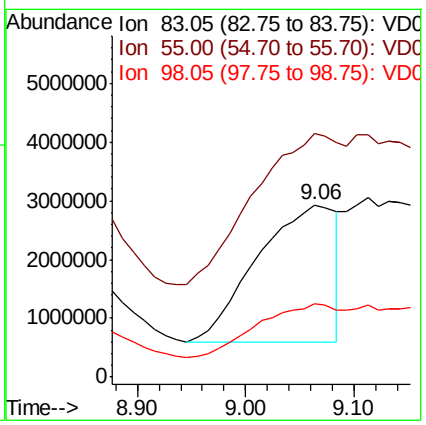


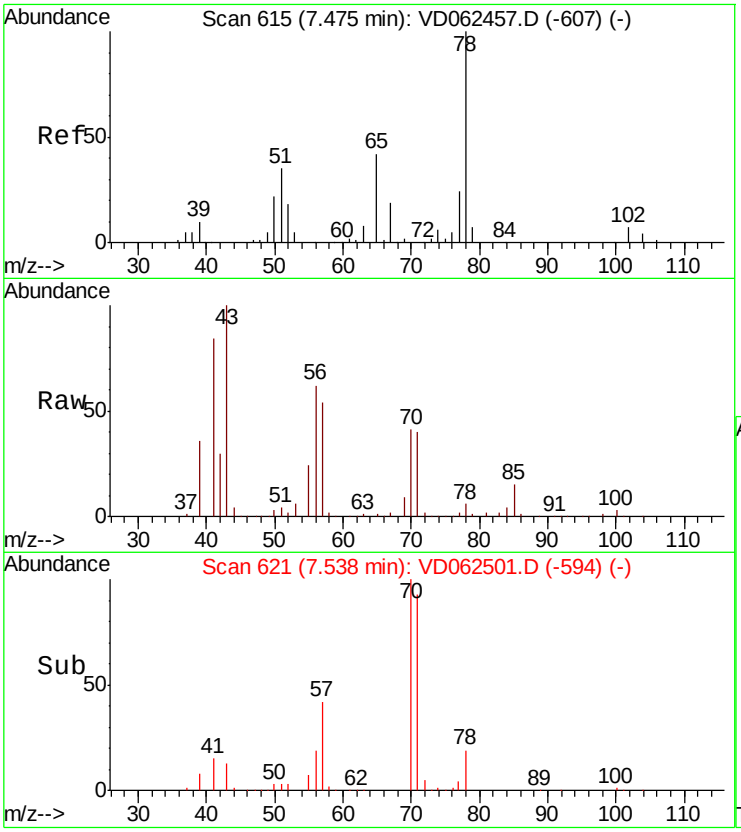


#39
Methylcyclohexane
Concen: 7066.284 ug/l
RT: 9.06 min Scan# 776
Delta R.T. 0.18 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 83 Resp:11791340

Ion	Ratio	Lower	Upper
83	100		
55	141.4	68.2	102.4#
98	42.3	38.2	57.4



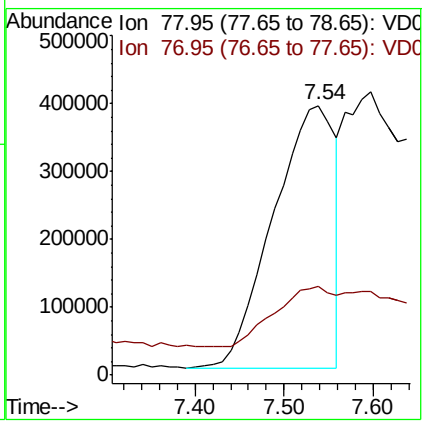


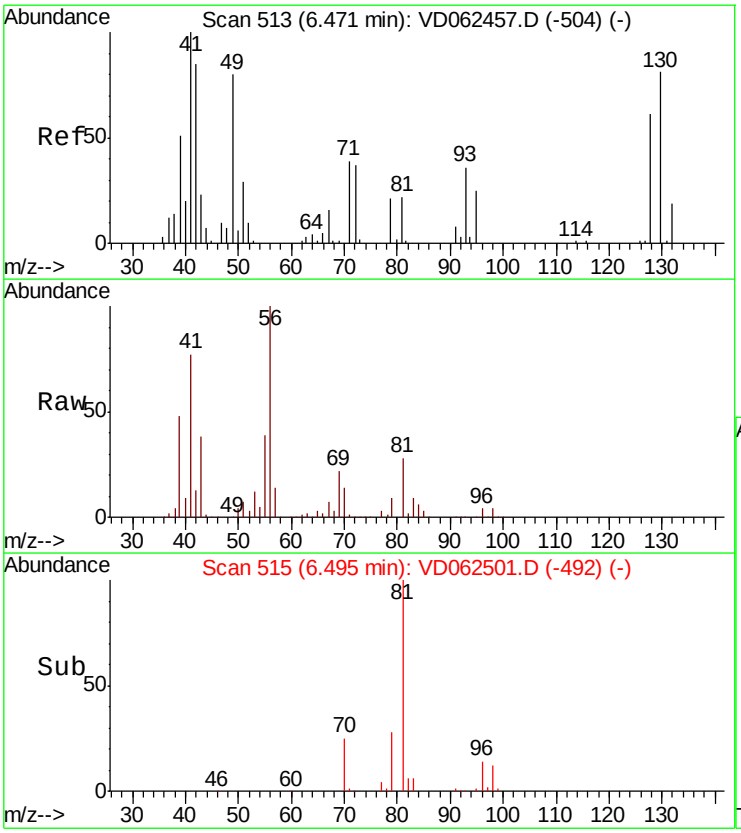
#40
Benzene
Concen: 469.320 ug/l
RT: 7.54 min Scan# 621
Delta R.T. 0.06 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 78 Resp: 1862446

Ion	Ratio	Lower	Upper
78	100		
77	33.0	19.7	29.5#

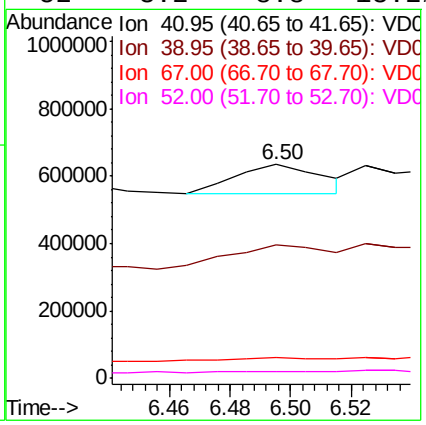


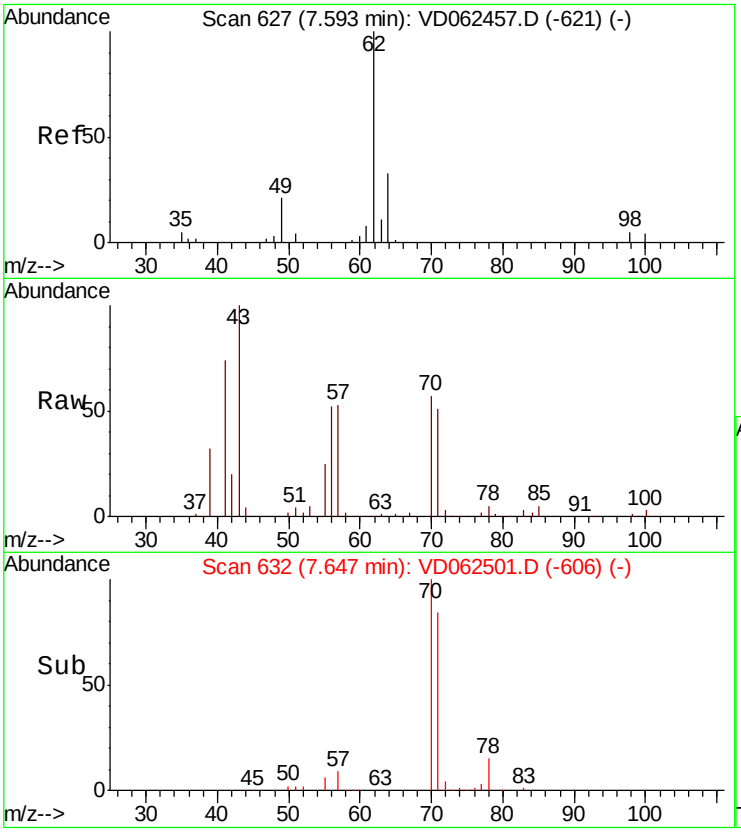


#41
Methacrylonitrile
Concen: 175.342 ug/l
RT: 6.50 min Scan# 515
Delta R.T. 0.02 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 41 Resp: 173079

Ion	Ratio	Lower	Upper
41	100		
39	62.2	34.1	51.1#
67	9.5	23.8	35.6#
52	3.2	8.8	13.2#



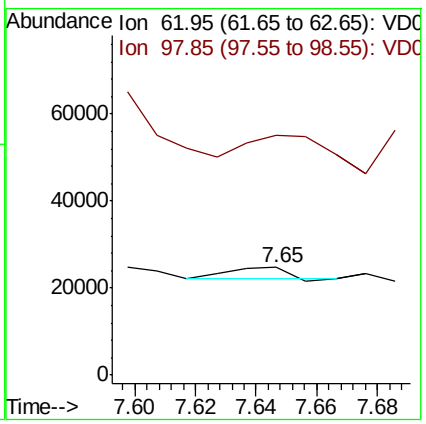


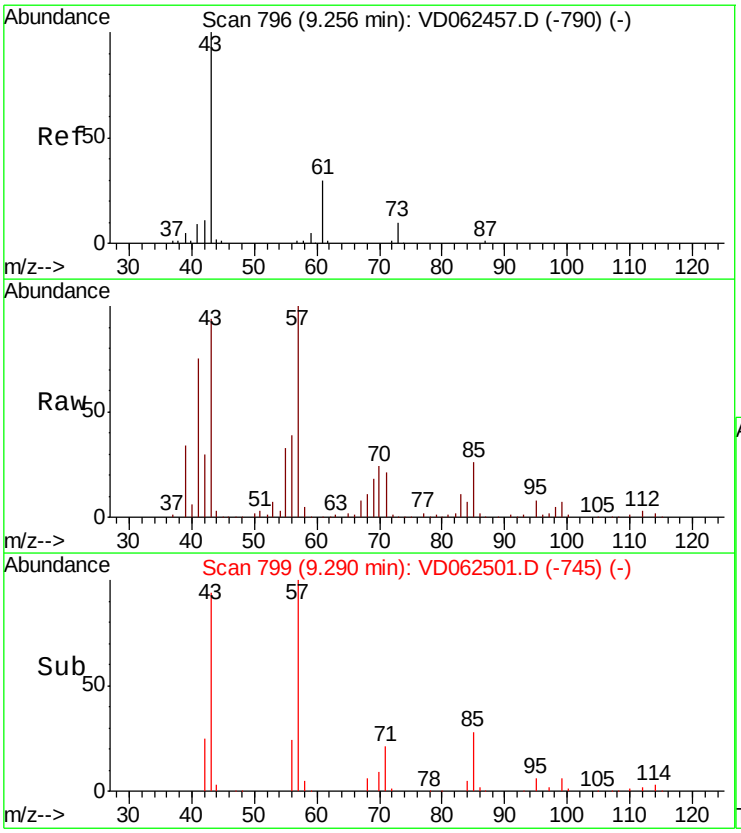
#42
1,2-Dichloroethane
Concen: 1.582 ug/l
RT: 7.65 min Scan# 632
Delta R.T. 0.05 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 62 Resp: 3325

Ion	Ratio	Lower	Upper
62	100		
98	222.8	0.0	17.8#

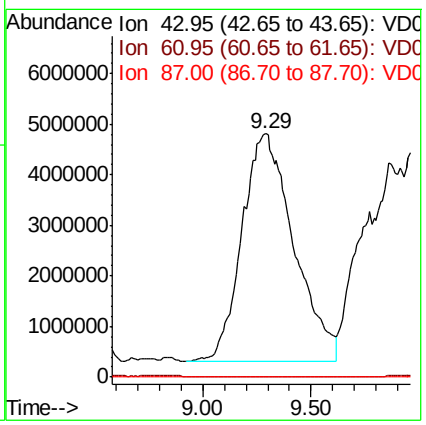


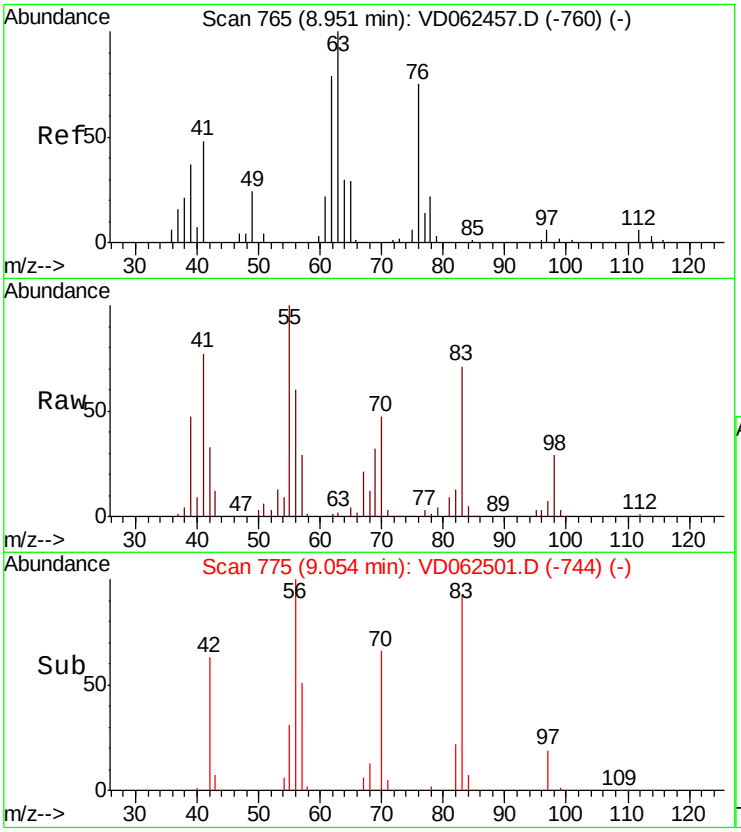


#43
Isopropyl Acetate
Concen: 72382.895 ug/l
RT: 9.29 min Scan# 799
Delta R.T. 0.03 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 43 Resp:75469782

Ion	Ratio	Lower	Upper
43	100		
61	0.2	25.1	37.7#
87	0.1	0.0	0.0#



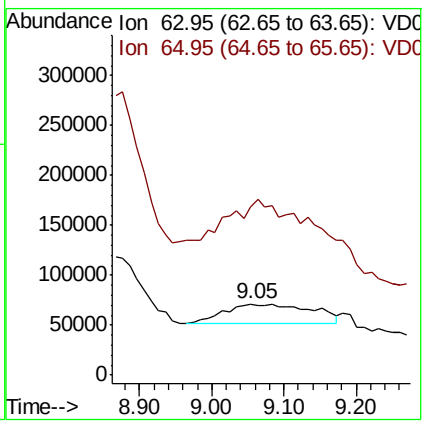


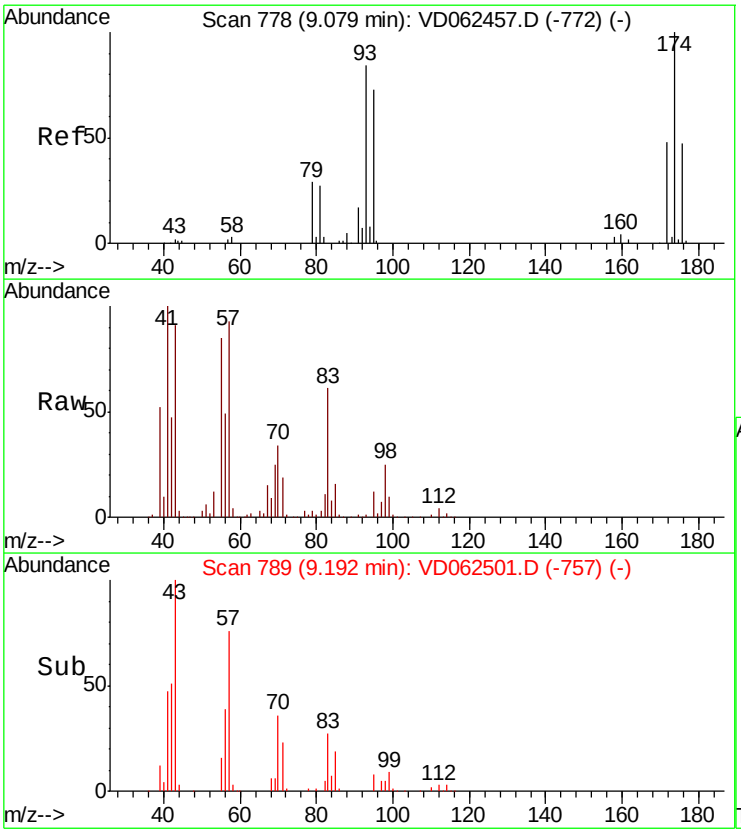
#45
1,2-Dichloropropane
Concen: 161.310 ug/l
RT: 9.05 min Scan# 775
Delta R.T. 0.10 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 63 Resp: 156001

Ion	Ratio	Lower	Upper
63	100		
65	235.4	23.8	35.6#

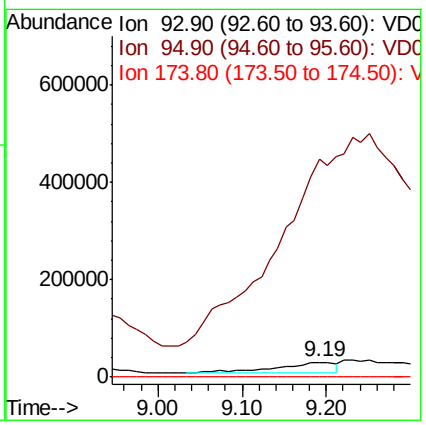


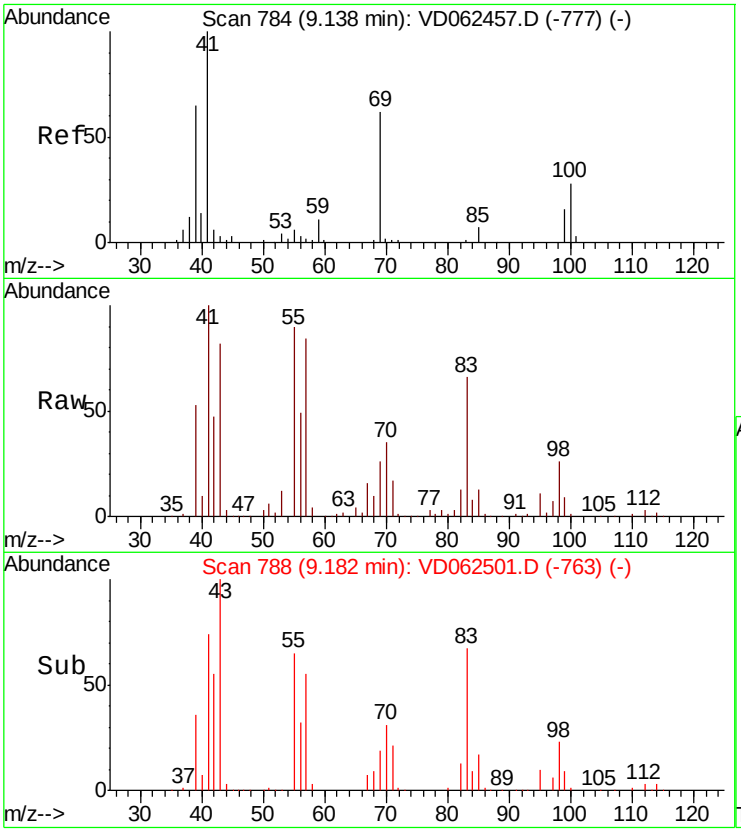


#46
Dibromomethane
Concen: 126.993 ug/l
RT: 9.19 min Scan# 789
Delta R.T. 0.11 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 93 Resp: 111326

Ion	Ratio	Lower	Upper
93	100		
95	1445.0	64.8	97.2#
174	0.0	79.3	118.9#



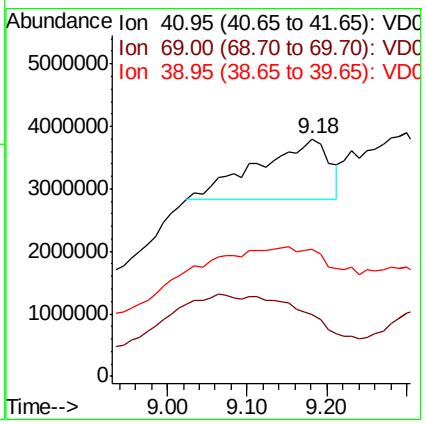


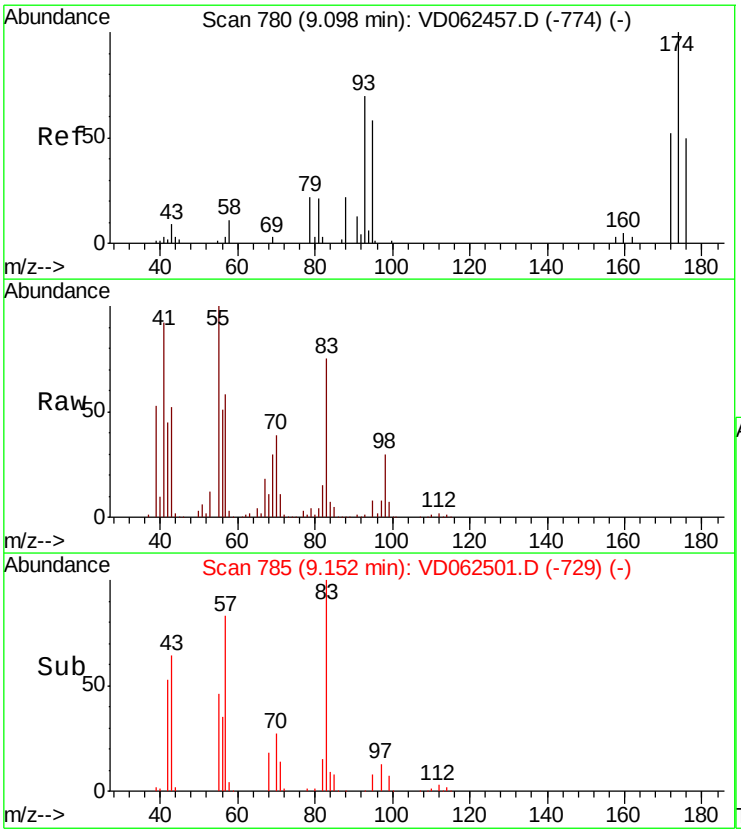
#48
Methyl methacrylate
Concen: 8555.550 ug/l
RT: 9.18 min Scan# 788
Delta R.T. 0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 41 Resp: 6002986

Ion	Ratio	Lower	Upper
41	100		
69	26.1	64.2	96.2#
39	53.2	46.8	70.2

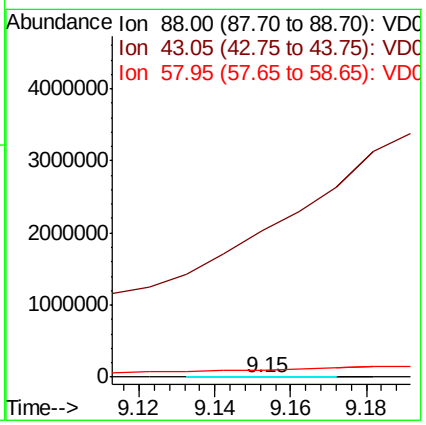


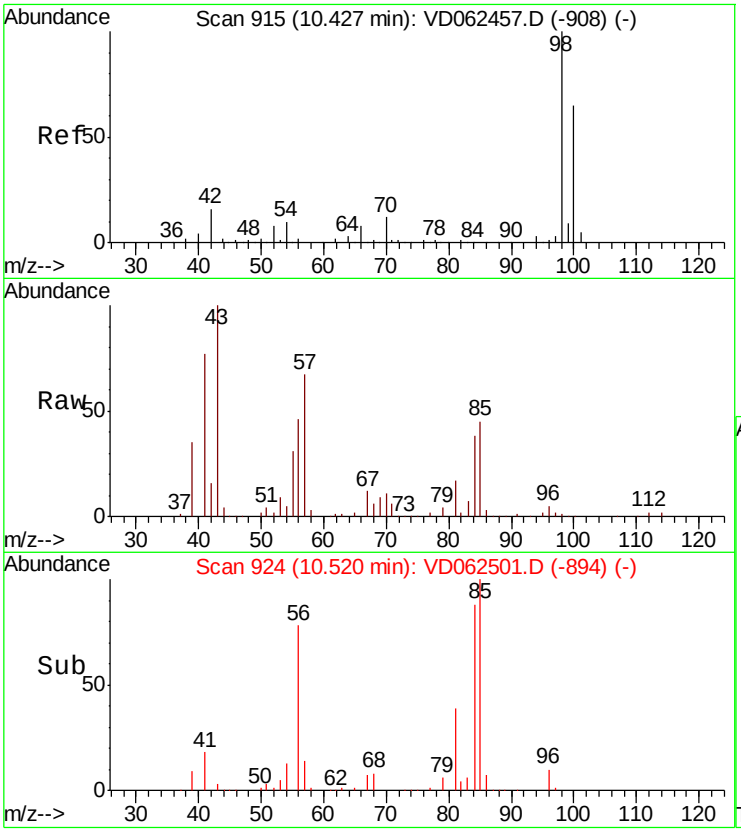


#49
1,4-Dioxane
Concen: 29.236 ug/l
RT: 9.15 min Scan# 785
Delta R.T. 0.05 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 88 Resp: 184

Ion	Ratio	Lower	Upper
88	100		
43	651112.5	23.4	35.0#
58	32967.2	44.0	66.0#



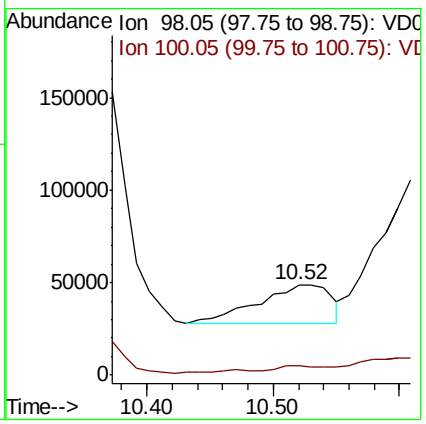


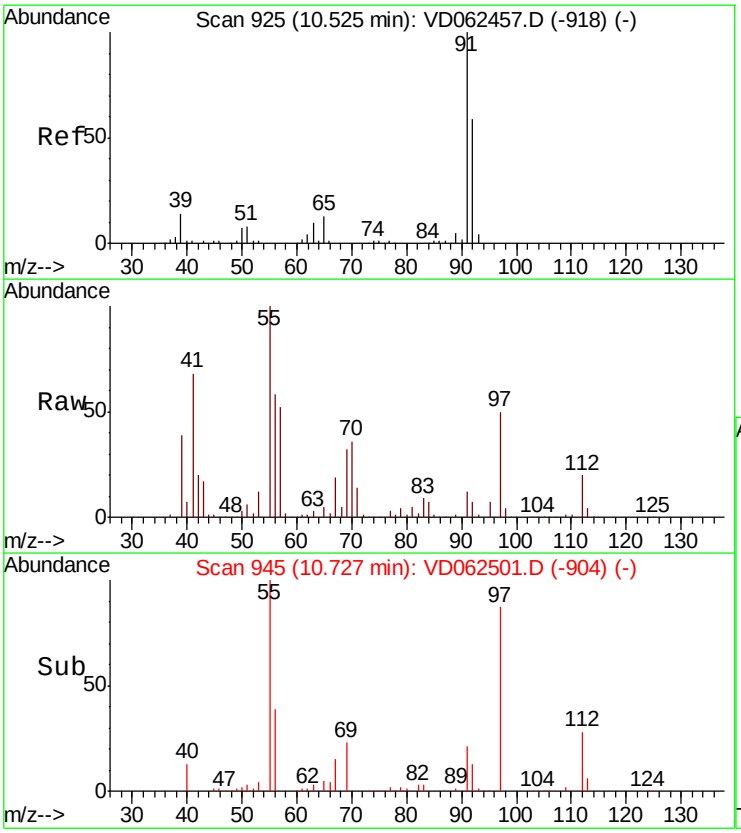
#50
Toluene-d8
Concen: 19.799 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.09 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 98 Resp: 82710

Ion	Ratio	Lower	Upper
98	100		
100	10.0	53.8	80.8#

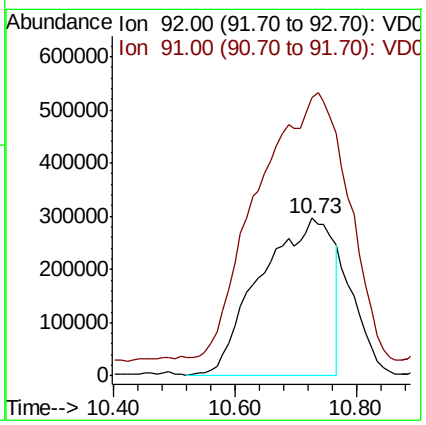


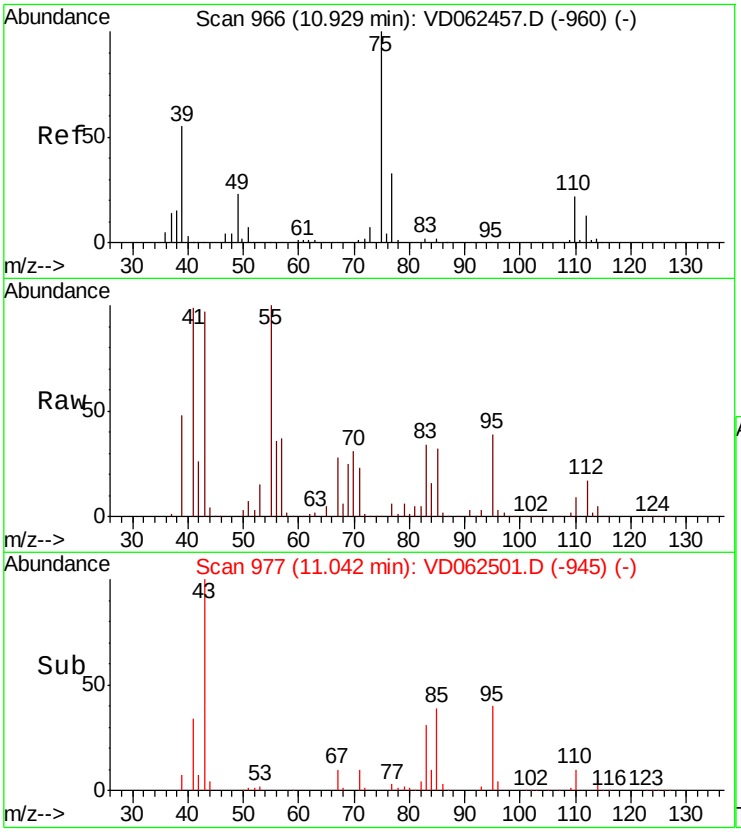


#52
Toluene
Concen: 906.988 ug/l
RT: 10.73 min Scan# 945
Delta R.T. 0.20 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 92 Resp: 2464015

Ion	Ratio	Lower	Upper
92	100		
91	176.2	136.6	204.8



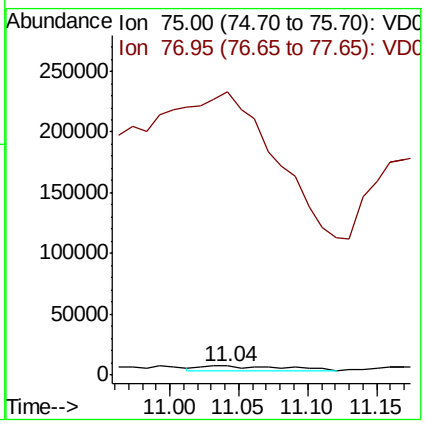


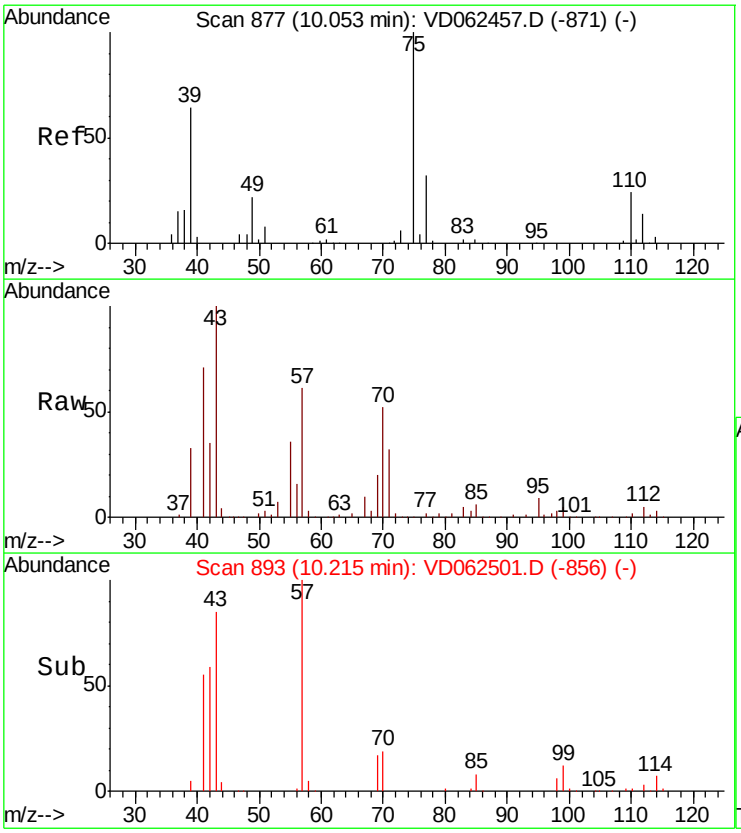
#53
t-1,3-Dichloropropene
Concen: 8.472 ug/l
RT: 11.04 min Scan# 977
Delta R.T. 0.11 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 75 Resp: 15729

Ion	Ratio	Lower	Upper
75	100		
77	3099.9	25.8	38.8#

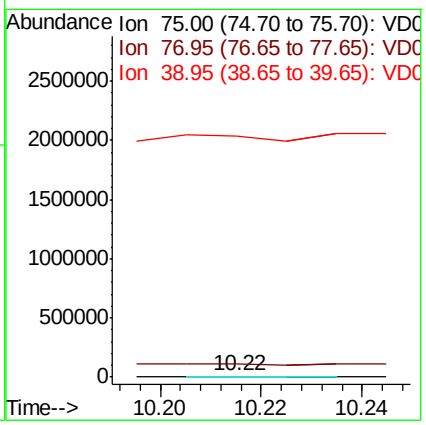


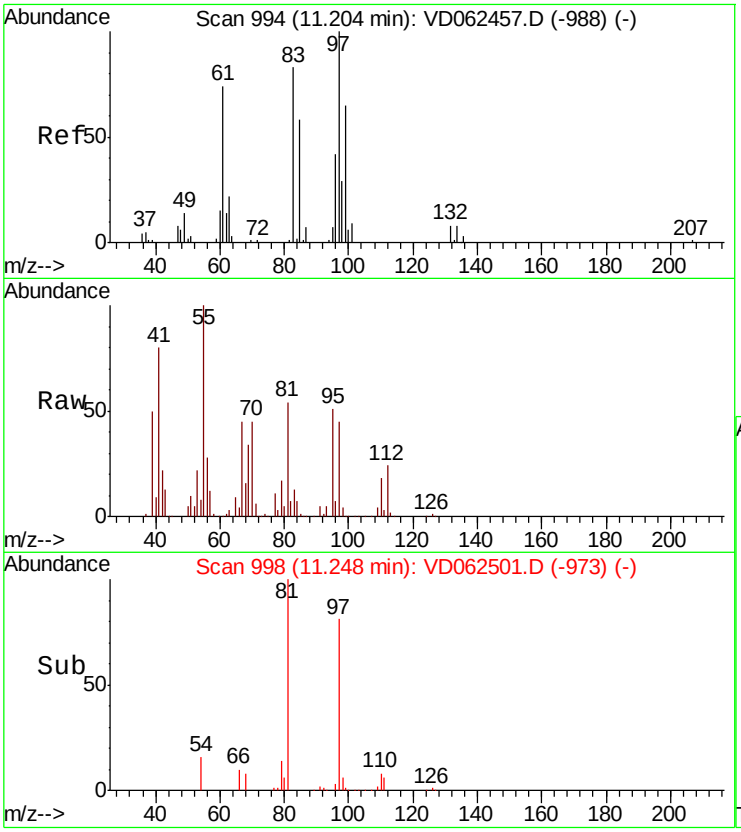


#54
cis-1,3-Dichloropropene
Concen: 1.077 ug/l
RT: 10.22 min Scan# 893
Delta R.T. 0.16 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 75 Resp: 2086

Ion	Ratio	Lower	Upper
75	100		
77	2230.2	25.5	38.3#
39	40402.9	39.4	59.2#



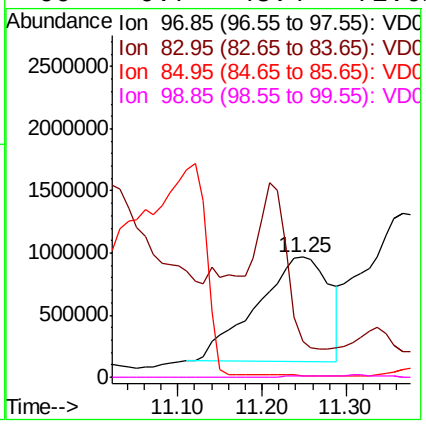


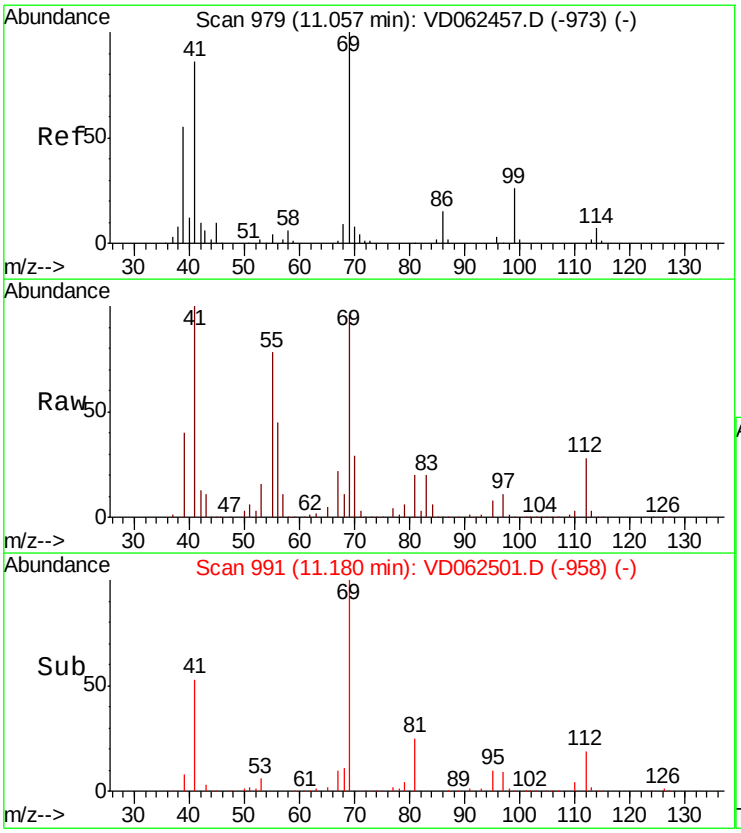
#55
1,1,2-Trichloroethane
Concen: 5494.447 ug/l
RT: 11.25 min Scan# 998
Delta R.T. 0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 97 Resp: 5058957

Ion	Ratio	Lower	Upper
97	100		
83	29.6	65.7	98.5#
85	1.4	45.6	68.4#
99	0.7	48.4	72.6#

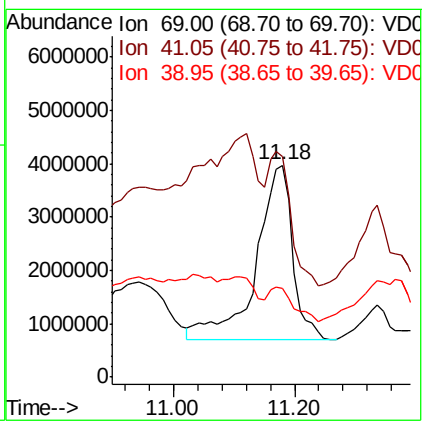


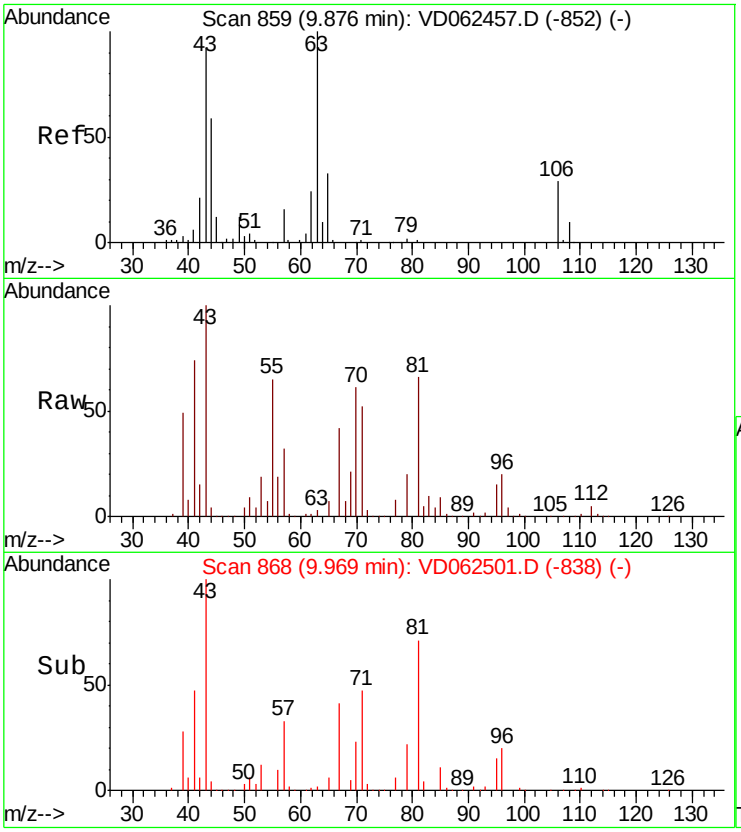


#56
Ethyl methacrylate
Concen: 13988.682 ug/l
RT: 11.18 min Scan# 991
Delta R.T. 0.12 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 69 Resp:13769023

Ion	Ratio	Lower	Upper
69	100		
41	104.1	56.3	84.5#
39	41.6	29.4	44.2



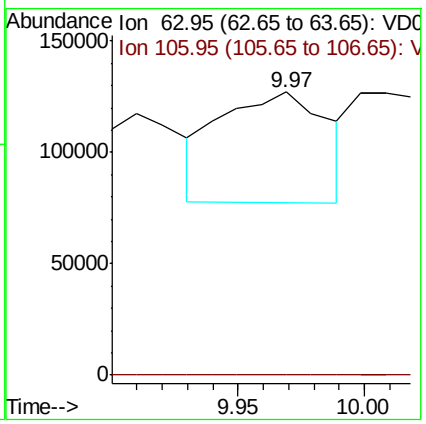


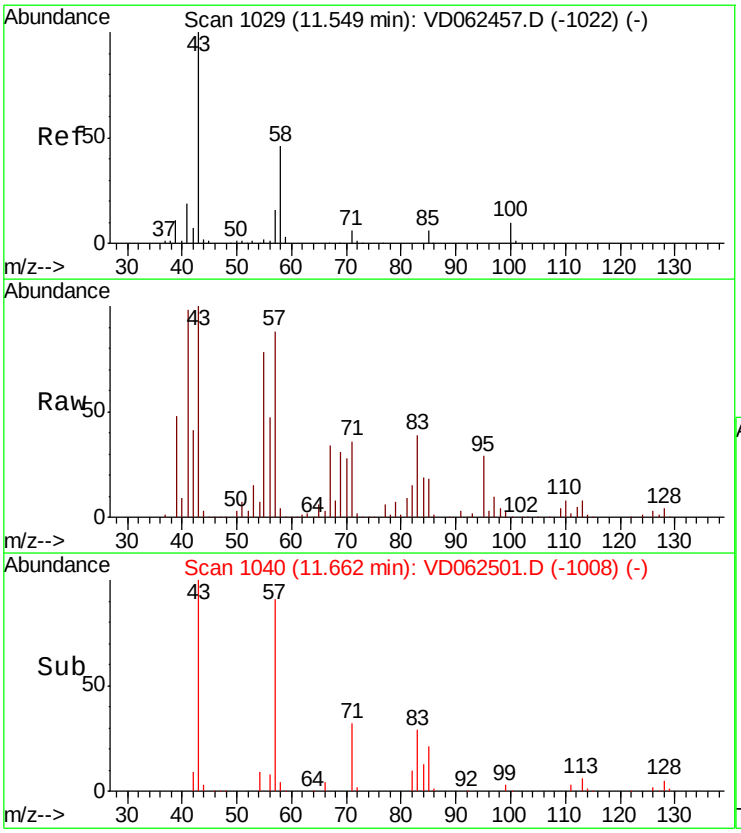
#58
2-Chloroethyl Vinyl ether
Concen: 289.086 ug/l
RT: 9.97 min Scan# 868
Delta R.T. 0.09 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 63 Resp: 146112

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.6	34.0#

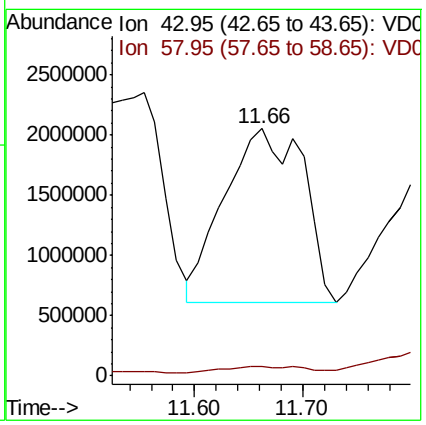


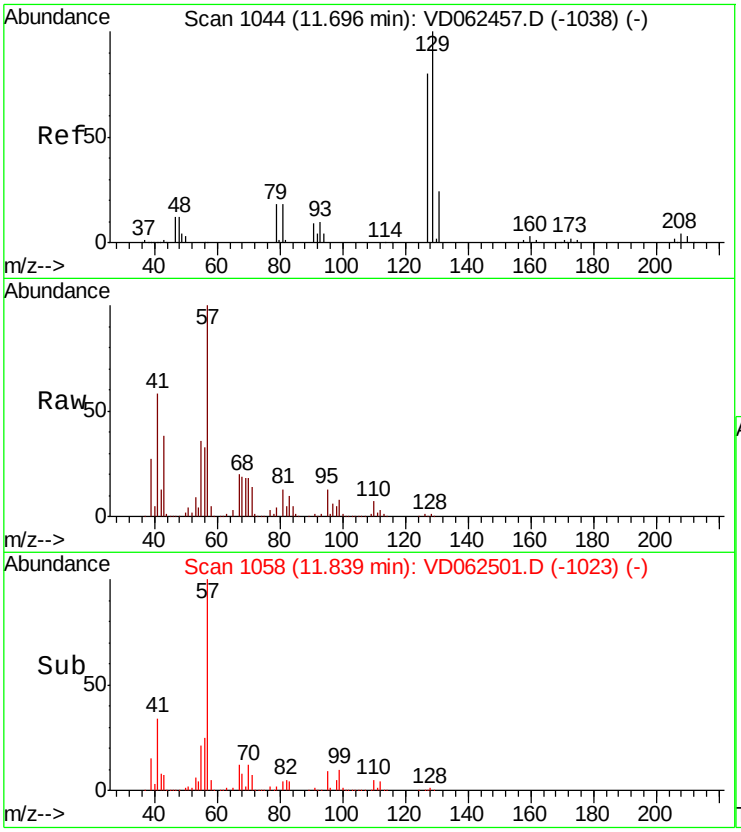


#59
2-Hexanone
Concen: 14592.112 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. 0.11 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 43 Resp: 7304839

Ion	Ratio	Lower	Upper
43	100		
58	4.0	25.4	76.4#



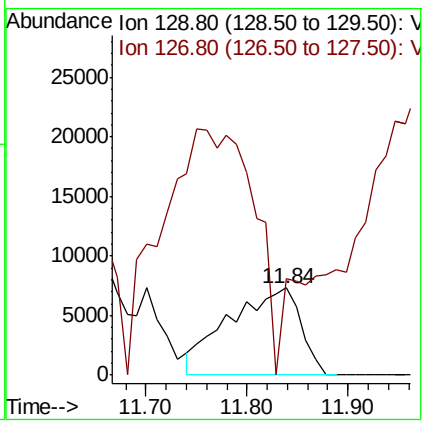


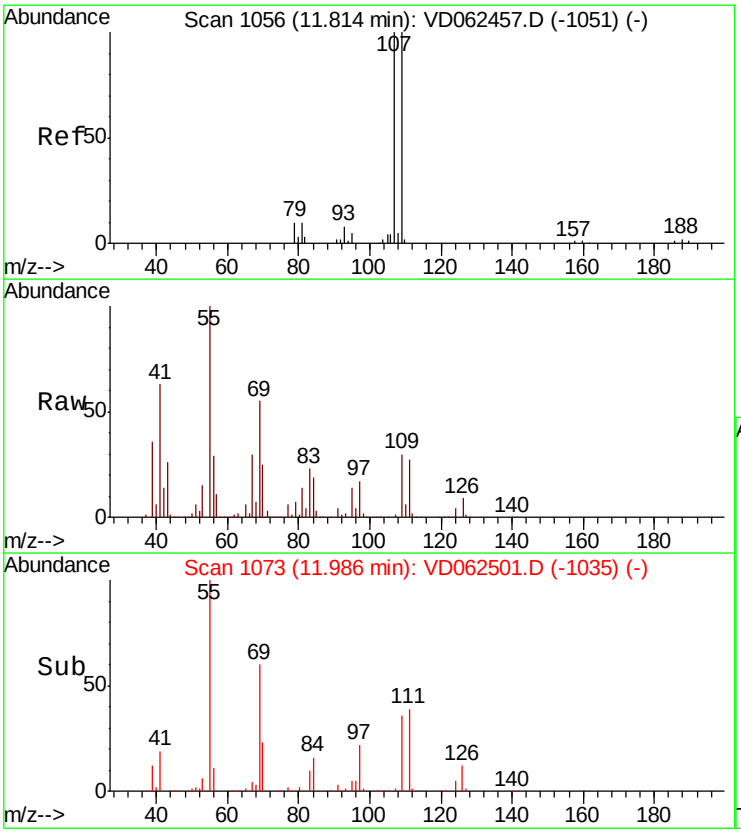
#60
Dibromochloromethane
Concen: 20.532 ug/l
RT: 11.84 min Scan# 1058
Delta R.T. 0.14 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:129 Resp: 36311

Ion	Ratio	Lower	Upper
129	100		
127	110.2	38.0	113.9

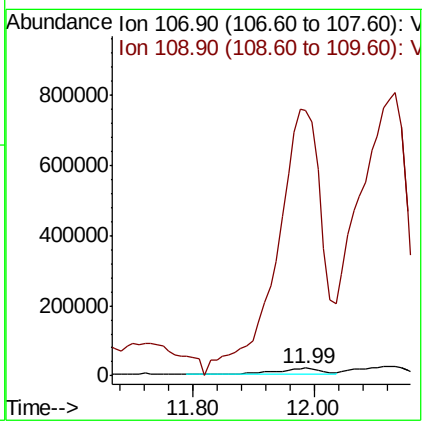


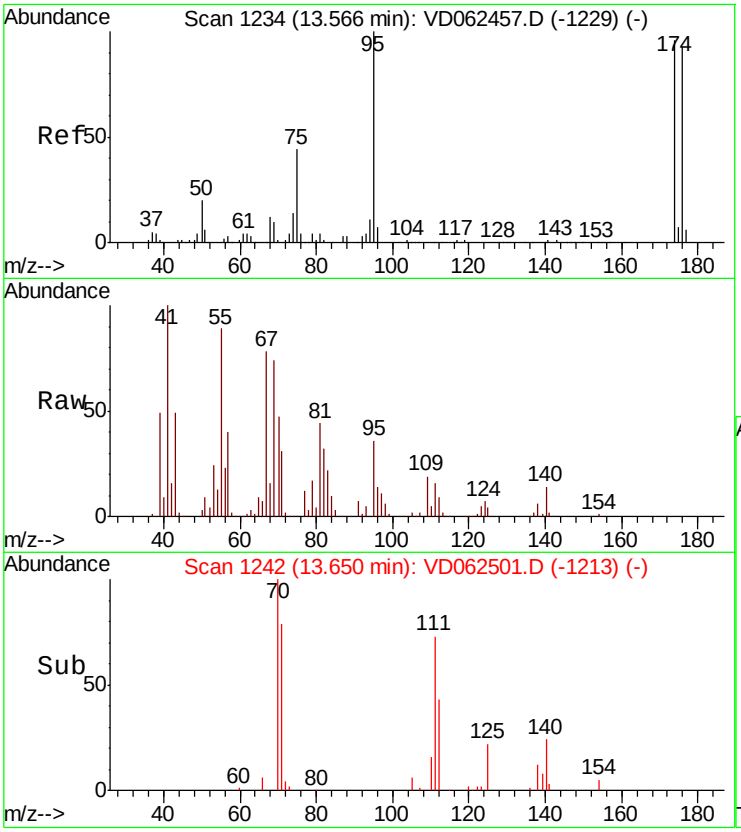


#61
1,2-Dibromoethane
Concen: 94.372 ug/l
RT: 11.99 min Scan# 1073
Delta R.T. 0.17 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:107 Resp: 107084

Ion	Ratio	Lower	Upper
107	100		
109	3466.3	78.3	117.5#



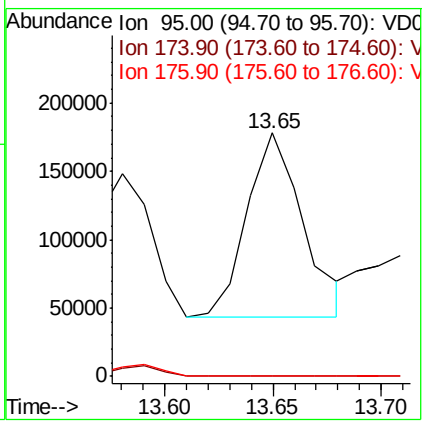


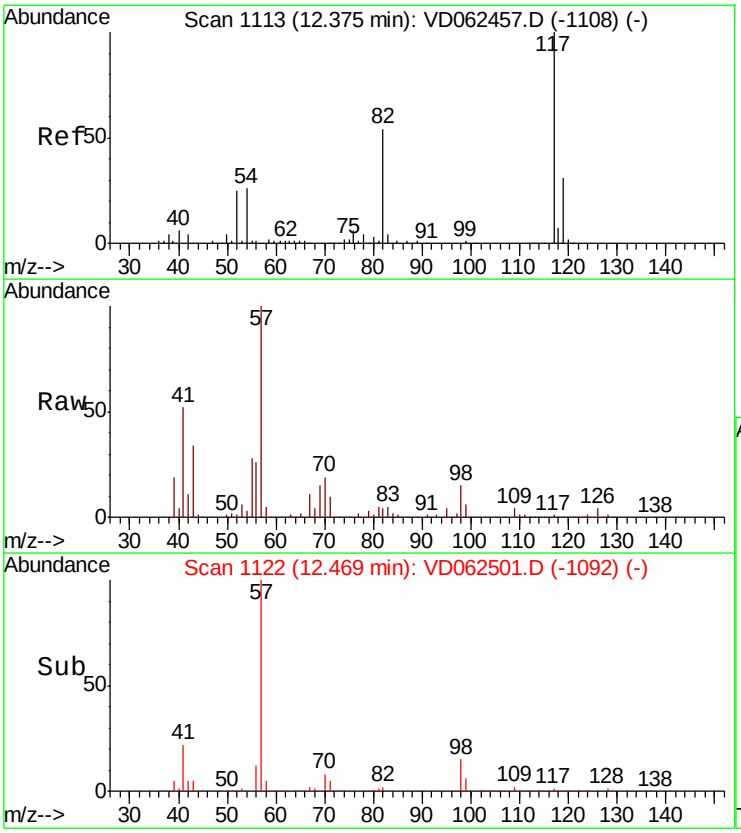
#62
4-Bromofluorobenzene
Concen: 132.078 ug/l
RT: 13.65 min Scan# 1242
Delta R.T. 0.08 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 95 Resp: 241362

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

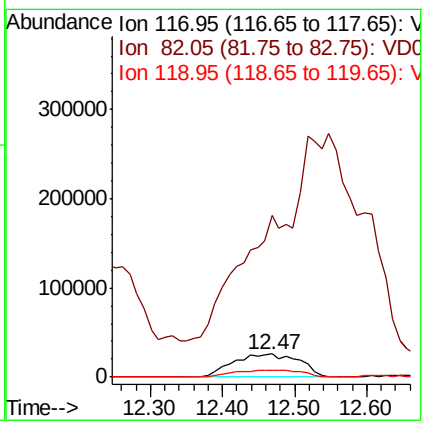


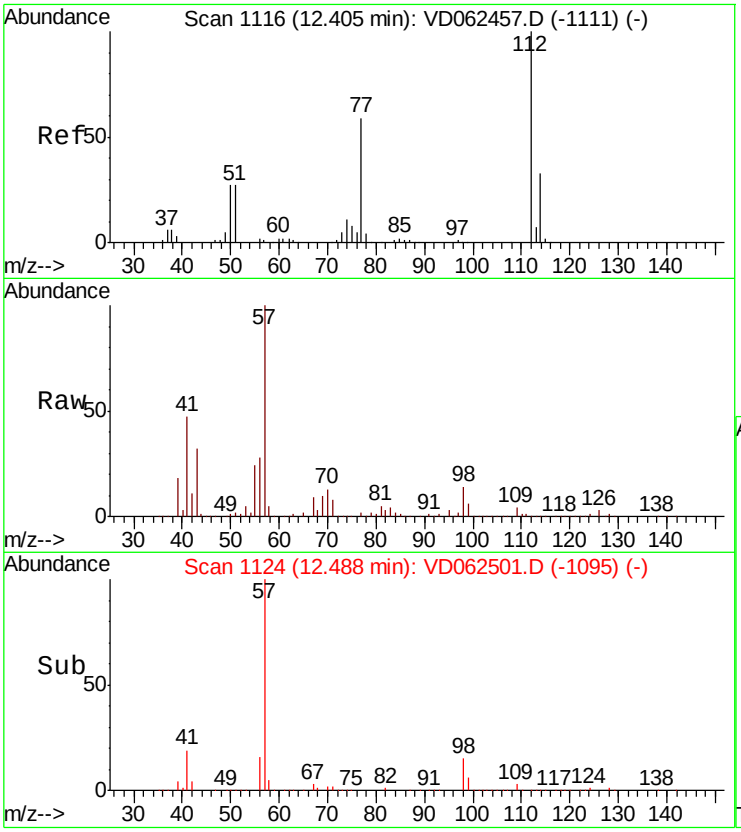


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.47 min Scan# 1122
Delta R.T. 0.09 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:117 Resp: 164878

Ion	Ratio	Lower	Upper
117	100		
82	702.3	36.2	54.2#
119	31.9	26.2	39.4



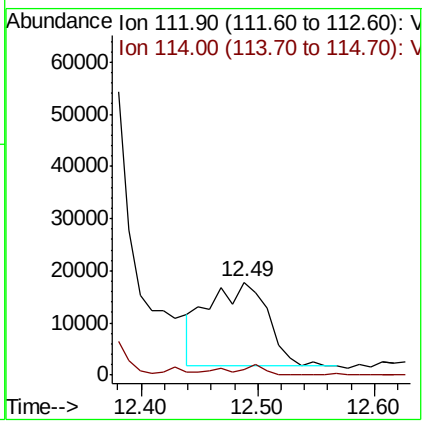


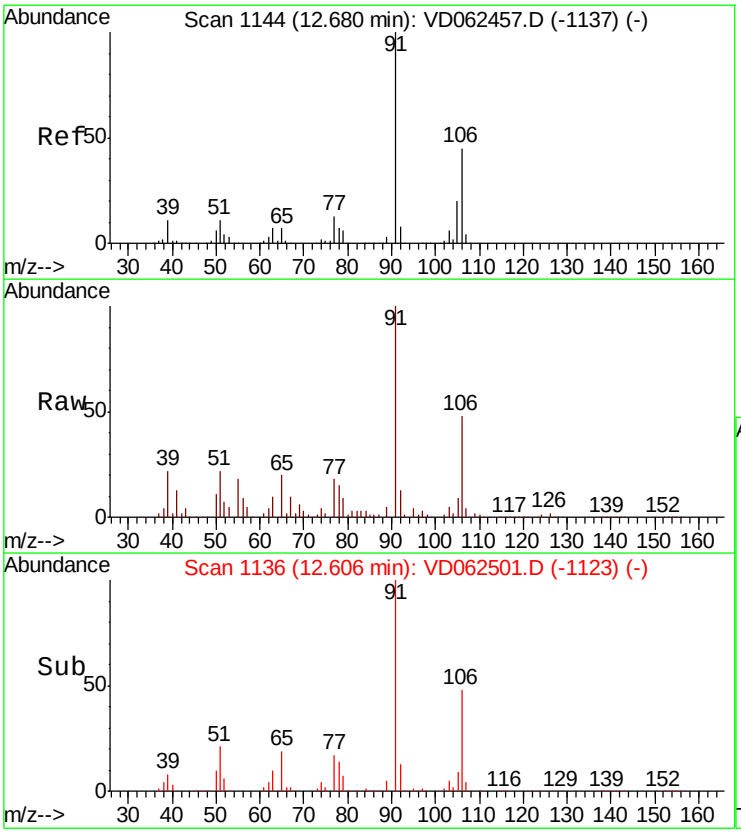
#65
Chlorobenzene
Concen: 18.179 ug/l
RT: 12.49 min Scan# 1124
Delta R.T. 0.08 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:112 Resp: 57639

Ion	Ratio	Lower	Upper
112	100		
114	5.4	25.8	38.8#

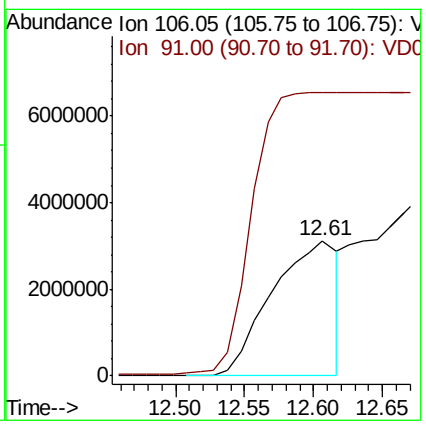


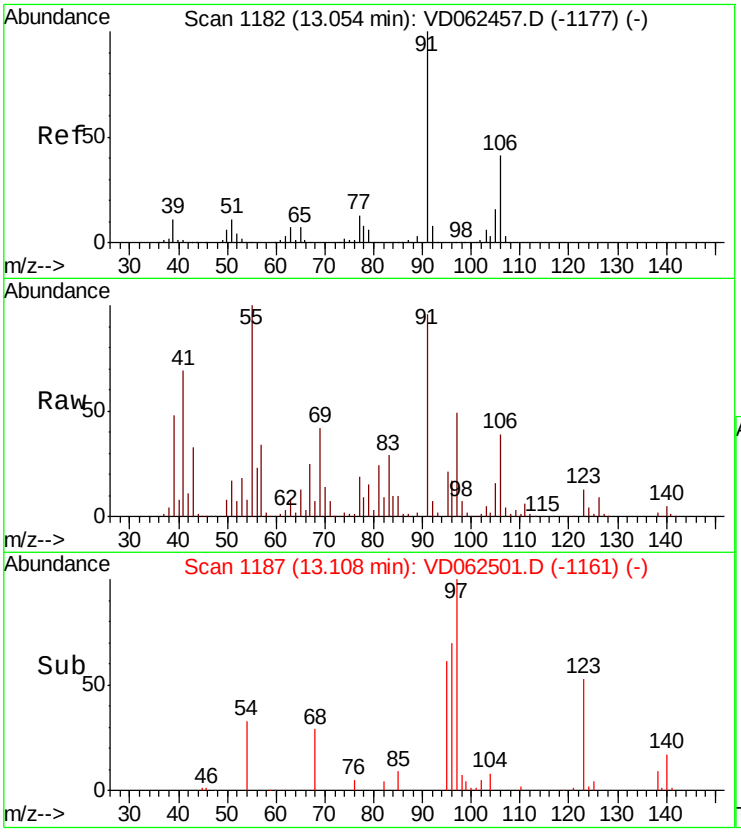


#68
m/p-Xylenes
Concen: 5279.689 ug/l
RT: 12.61 min Scan# 1136
Delta R.T. -0.07 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:106 Resp:10350234

Ion	Ratio	Lower	Upper
106	100		
91	209.2	164.0	246.0



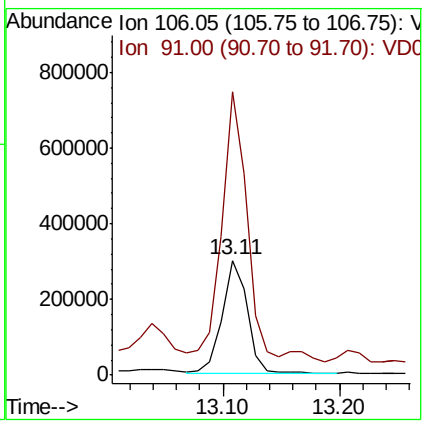


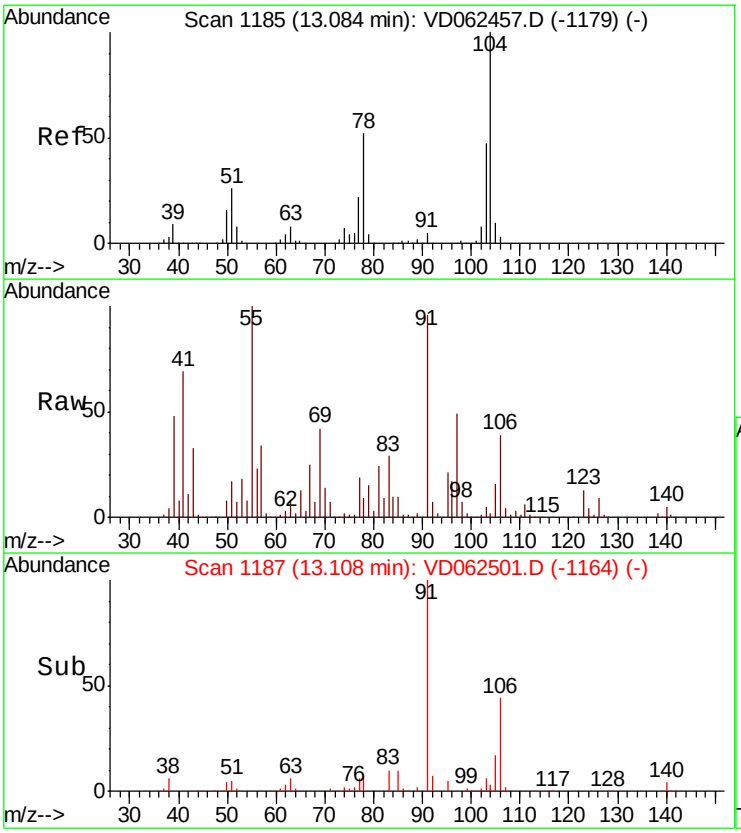
#69
o-Xylene
Concen: 239.264 ug/l
RT: 13.11 min Scan# 1187
Delta R.T. 0.05 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:106 Resp: 442561

Ion	Ratio	Lower	Upper
106	100		
91	246.8	106.7	319.9

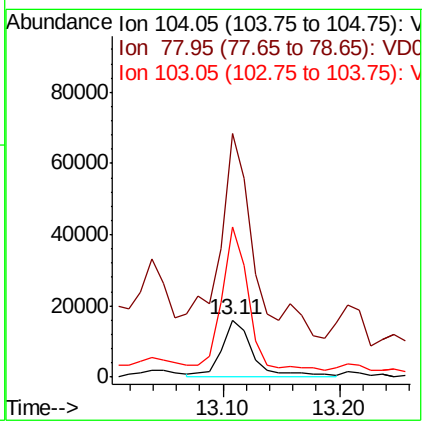


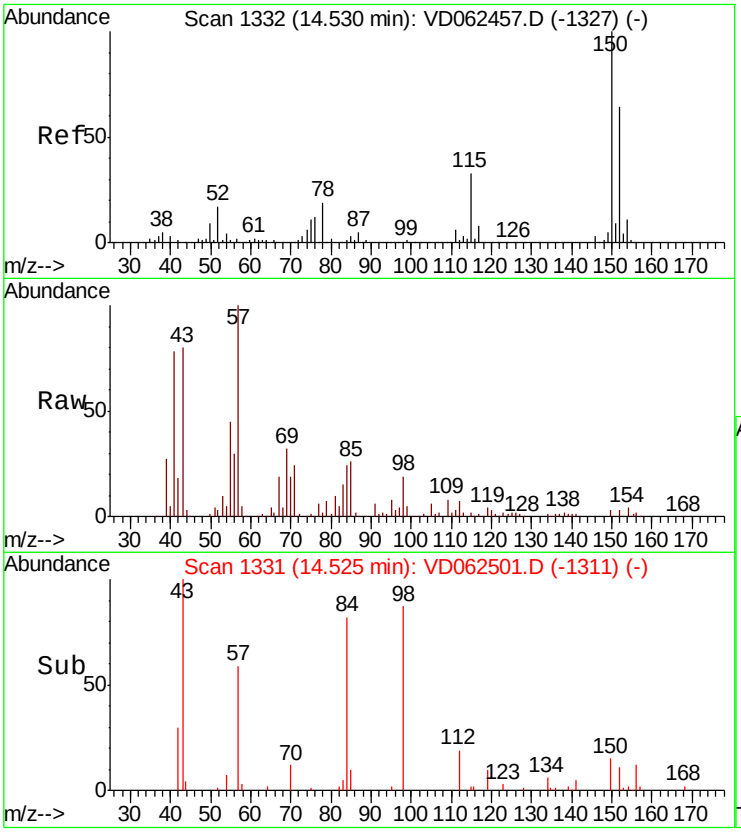


#70
Styrene
Concen: 9.775 ug/l
RT: 13.11 min Scan# 1187
Delta R.T. 0.02 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:104 Resp: 30758

Ion	Ratio	Lower	Upper
104	100		
78	426.6	35.4	53.2#
103	264.0	37.5	56.3#



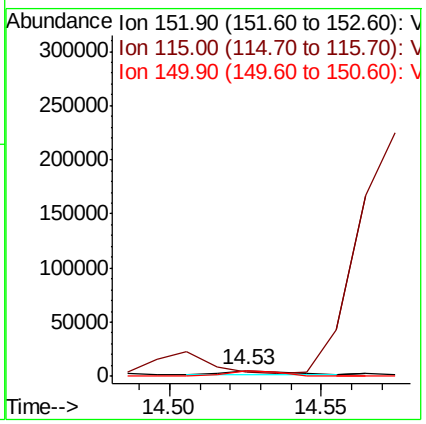


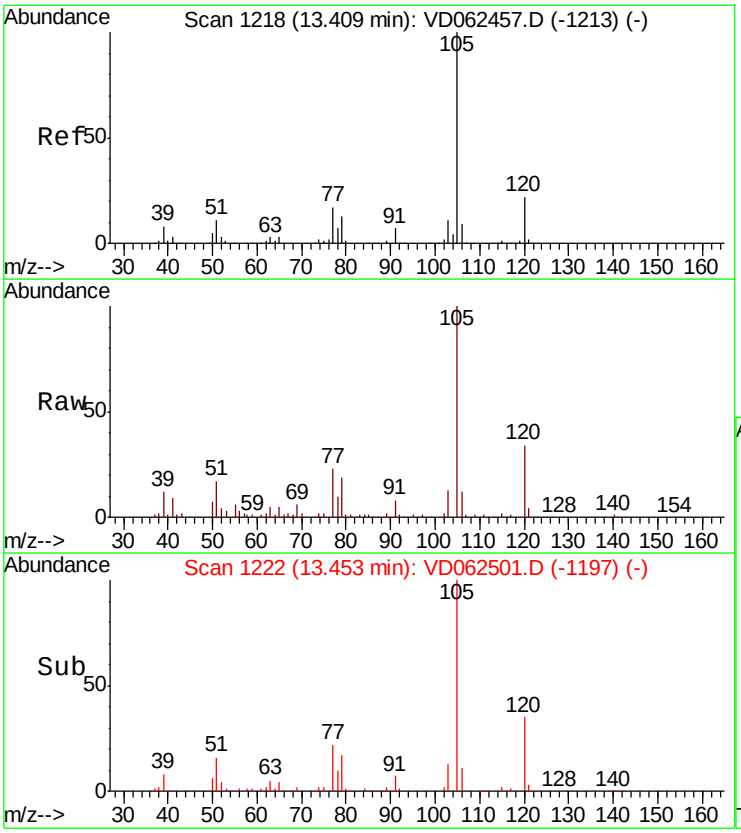
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:152 Resp: 6088

Ion	Ratio	Lower	Upper
152	100		
115	78.7	30.9	92.7
150	102.4	0.0	314.8

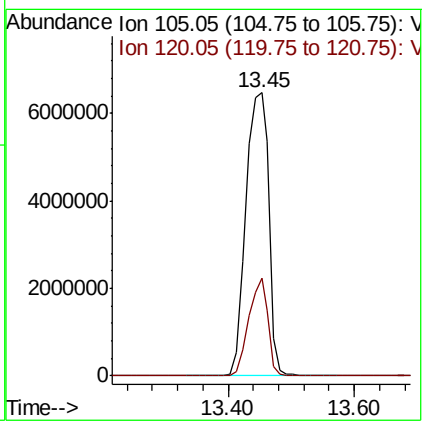


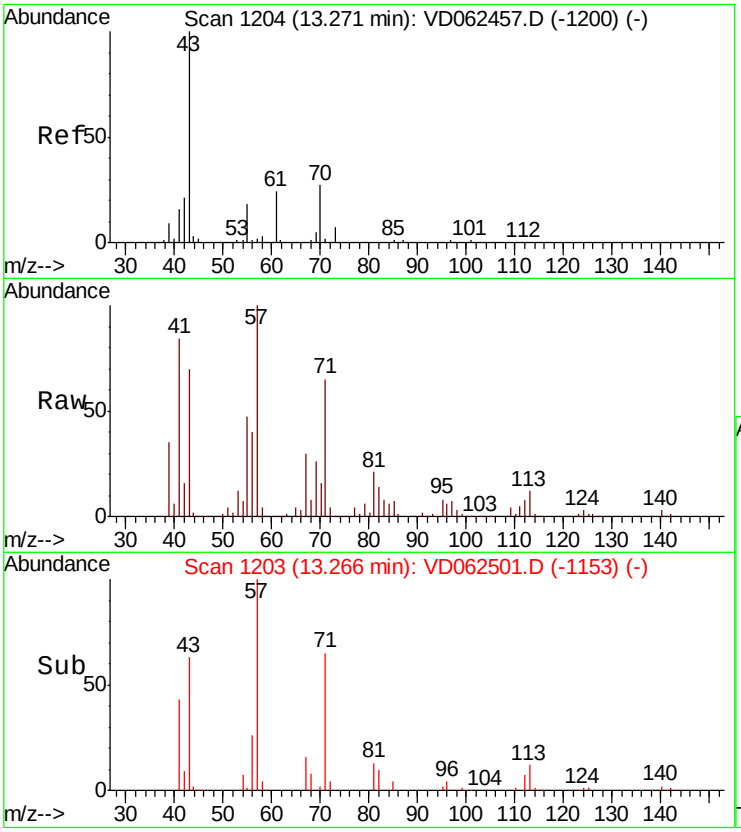


#73
Isopropylbenzene
Concen: 42826.992 ug/l
RT: 13.45 min Scan# 1222
Delta R.T. 0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:105 Resp:16434844

Ion	Ratio	Lower	Upper
105	100		
120	34.5	12.0	36.1



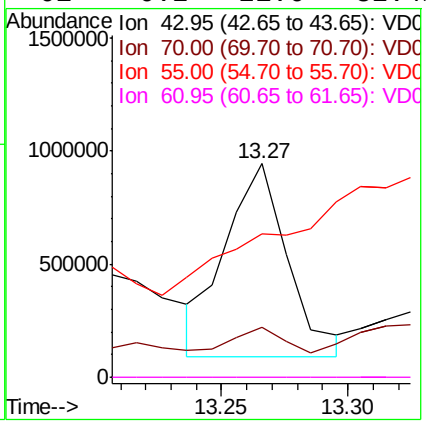


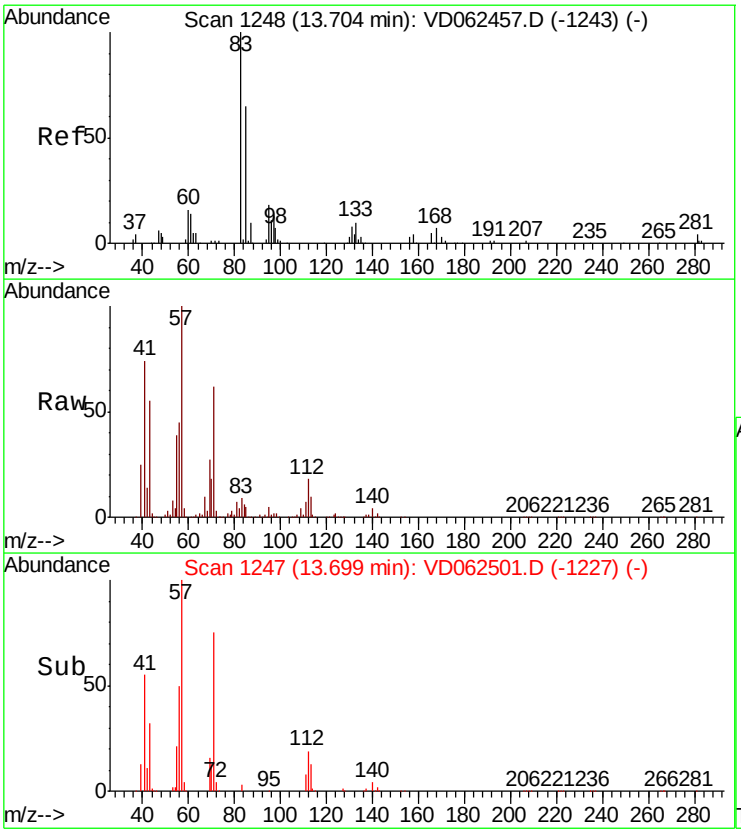
#74
N-amyl acetate
Concen: 15391.891 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 43 Resp: 1458838

Ion	Ratio	Lower	Upper
43	100		
70	23.2	24.2	36.4#
55	67.3	16.0	24.0#
61	0.2	21.6	32.4#

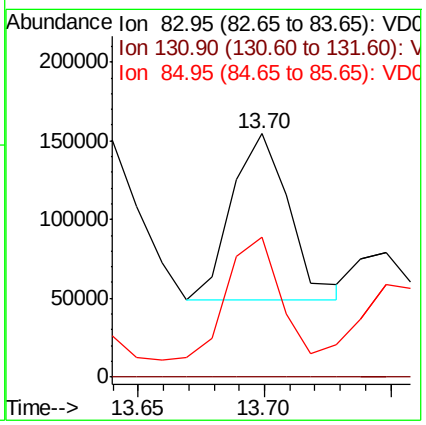


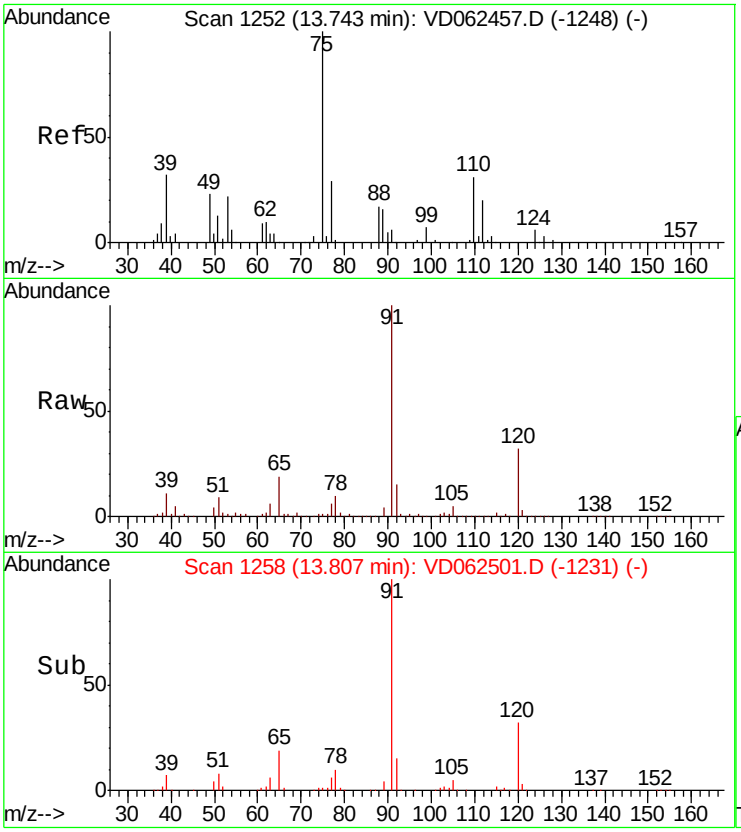


#75
1,1,2,2-Tetrachloroethane
Concen: 2429.233 ug/l
RT: 13.70 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 83 Resp: 168179

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	57.5	32.6	97.7



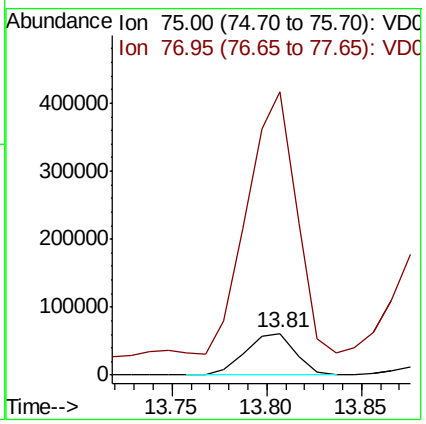


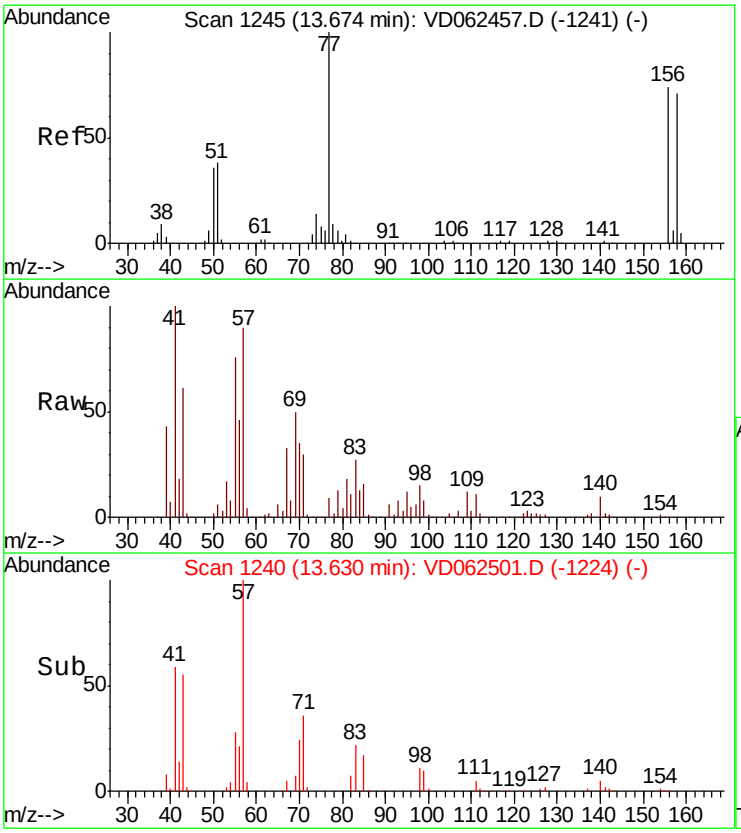
#76
1,2,3-Trichloropropane
Concen: 1577.643 ug/l
RT: 13.81 min Scan# 1258
Delta R.T. 0.06 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 75 Resp: 113132

Ion	Ratio	Lower	Upper
75	100		
77	679.6	16.4	49.4#

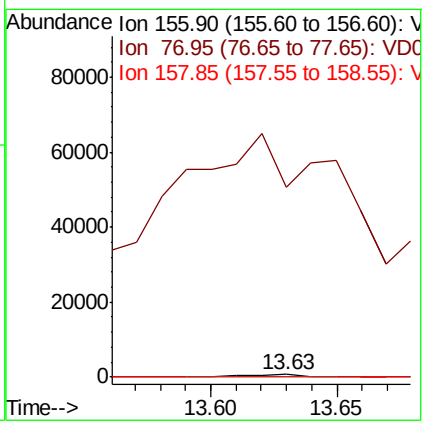


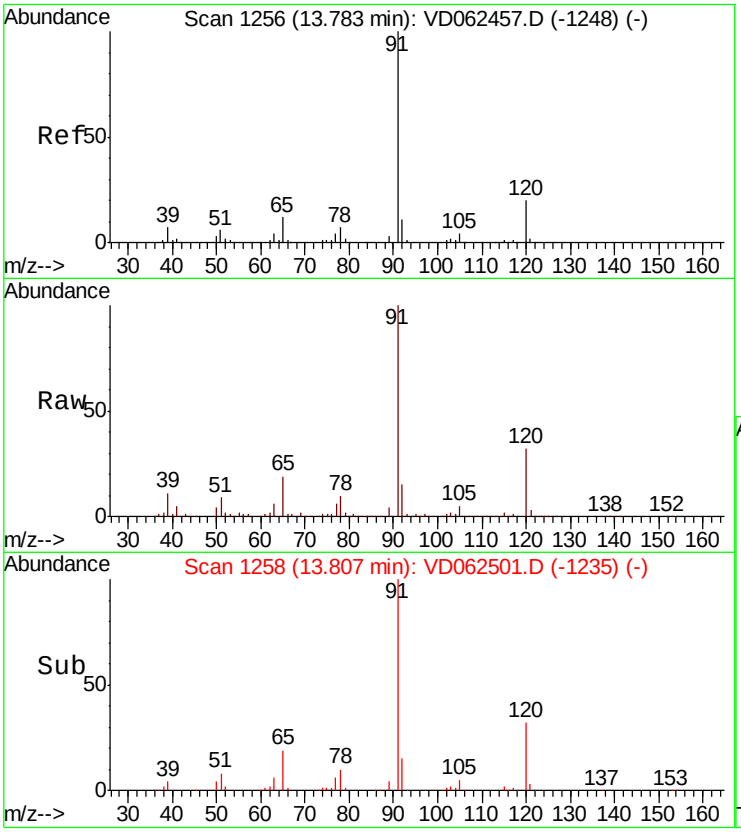


#77
Bromobenzene
Concen: 8.672 ug/l
RT: 13.63 min Scan# 1240
Delta R.T. -0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:156 Resp: 944

Ion	Ratio	Lower	Upper
156	100		
77	7624.0	53.1	159.4#
158	0.0	49.4	148.0#



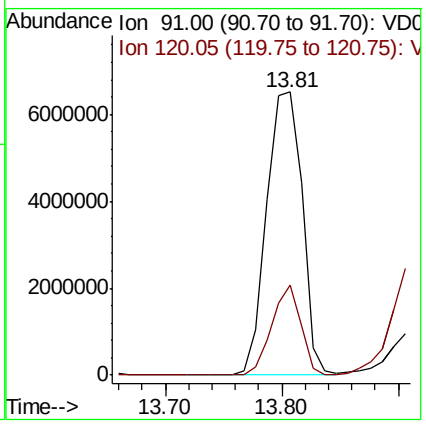


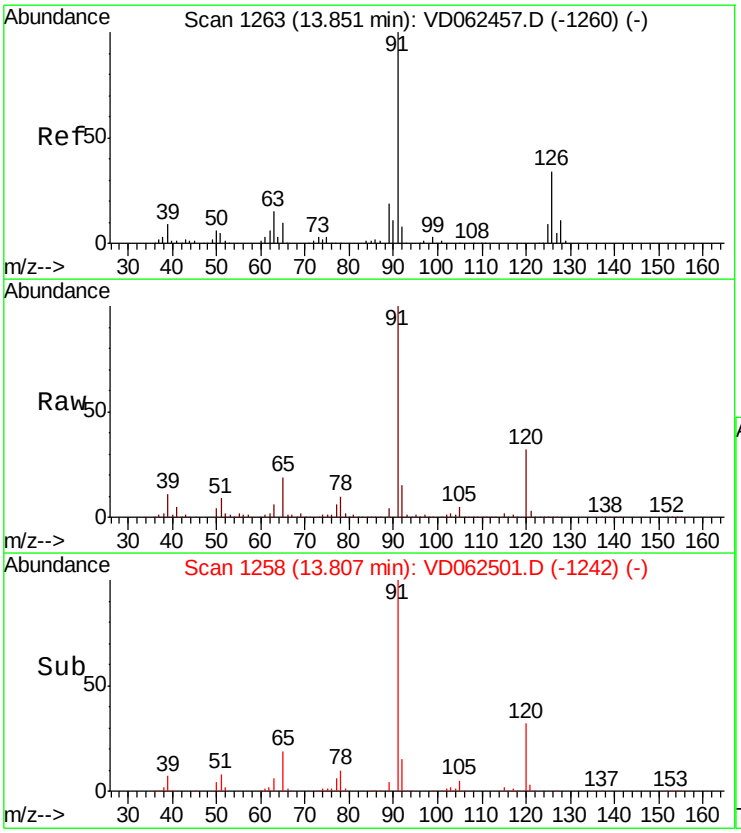
#78
n-propylbenzene
Concen: 30813.768 ug/l
RT: 13.81 min Scan# 1258
Delta R.T. 0.02 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 91 Resp:13697031

Ion	Ratio	Lower	Upper
91	100		
120	31.9	11.1	33.1

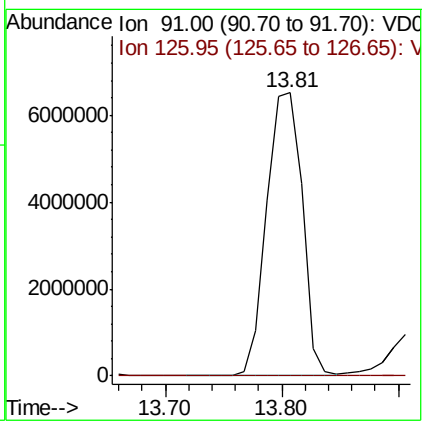


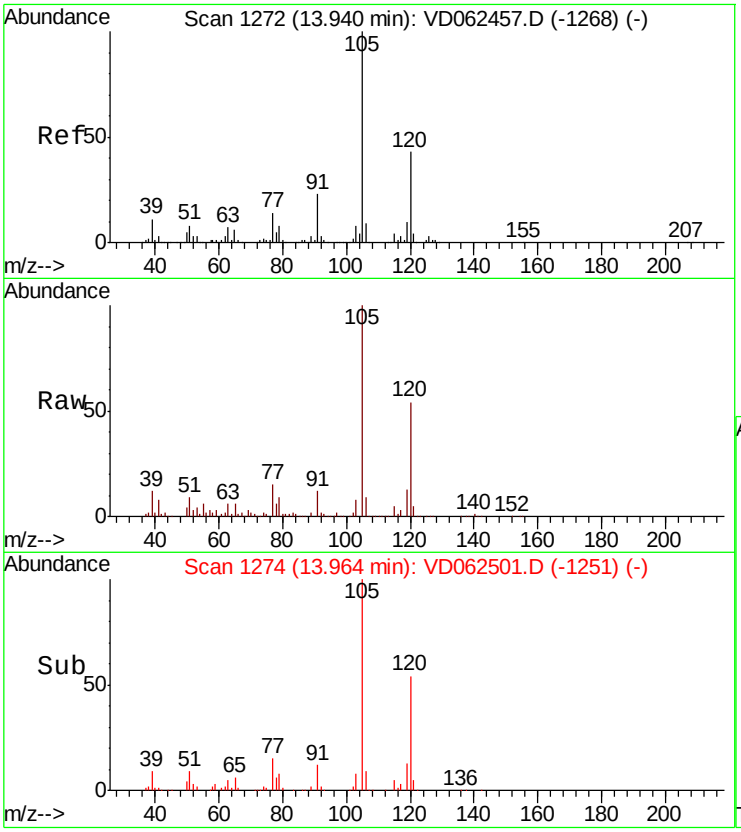


#79
2-Chlorotoluene
Concen: 50775.666 ug/l
RT: 13.81 min Scan# 1258
Delta R.T. -0.04 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 91 Resp:13697031

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#



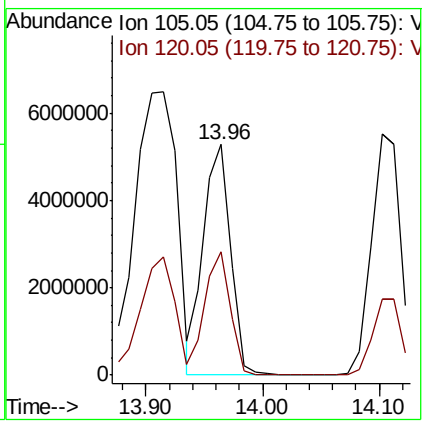


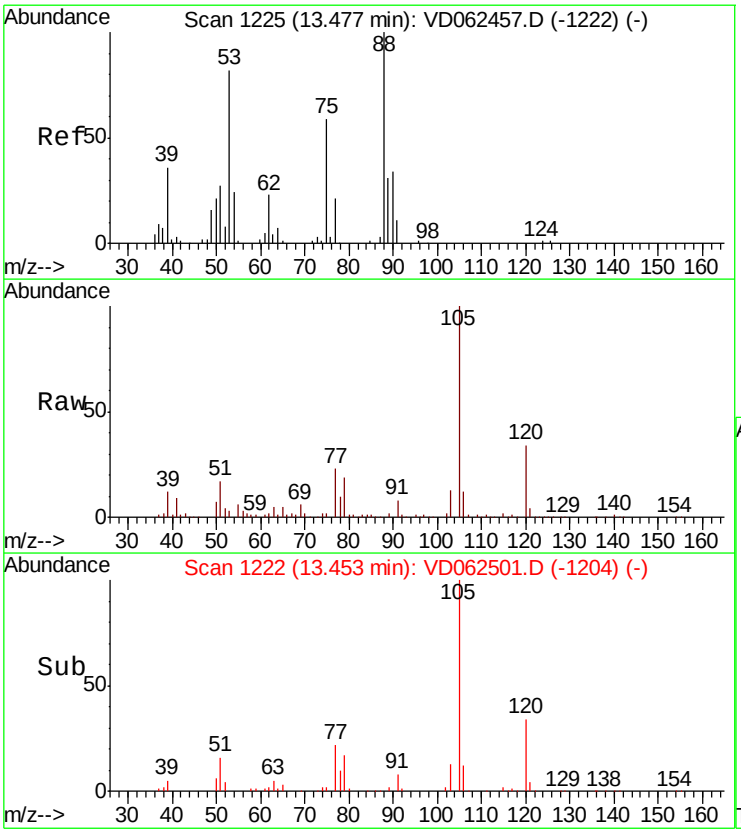
#80
1,3,5-Trimethylbenzene
Concen: 25639.087 ug/l
RT: 13.96 min Scan# 1274
Delta R.T. 0.02 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:105 Resp: 8519088

Ion	Ratio	Lower	Upper
105	100		
120	53.6	24.0	72.0

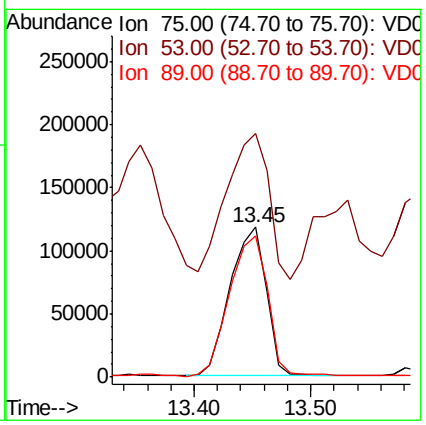


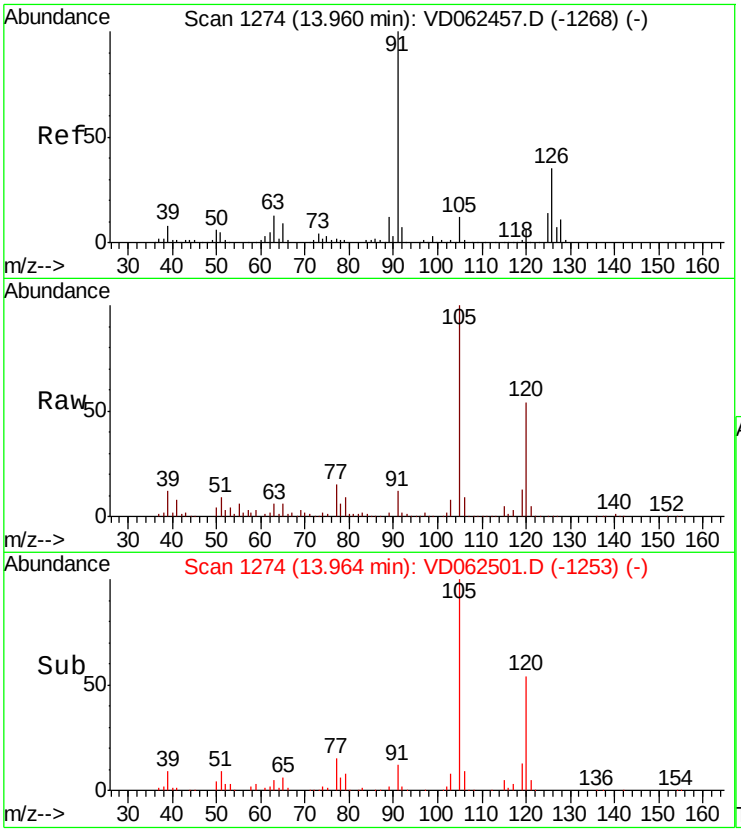


#81
trans-1,4-Dichloro-2-butene
Concen: 12527.770 ug/l
RT: 13.45 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 75 Resp: 253362

Ion	Ratio	Lower	Upper
75	100		
53	162.7	65.8	98.8#
89	94.6	35.0	52.6#



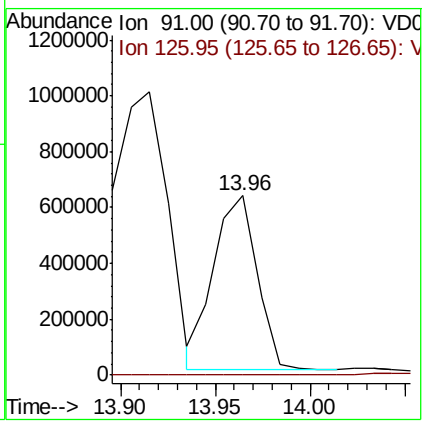


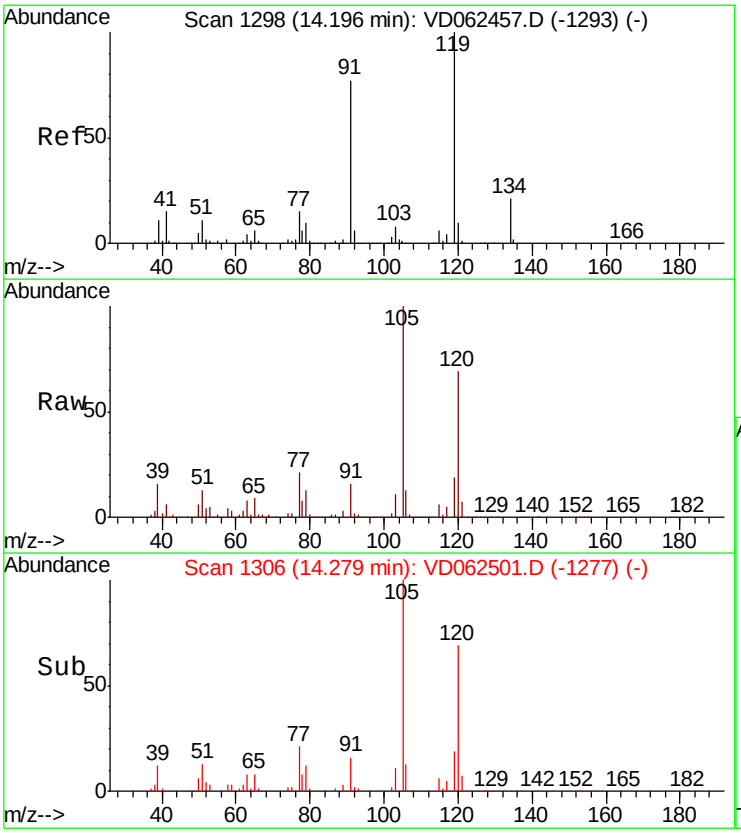
#82
4-Chlorotoluene
Concen: 3169.942 ug/l
RT: 13.96 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 91 Resp: 984789

Ion	Ratio	Lower	Upper
91	100		
126	0.3	19.1	57.5#

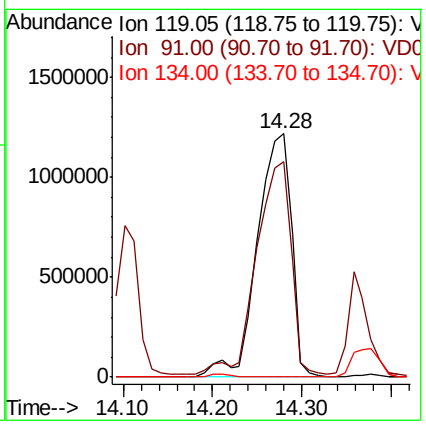


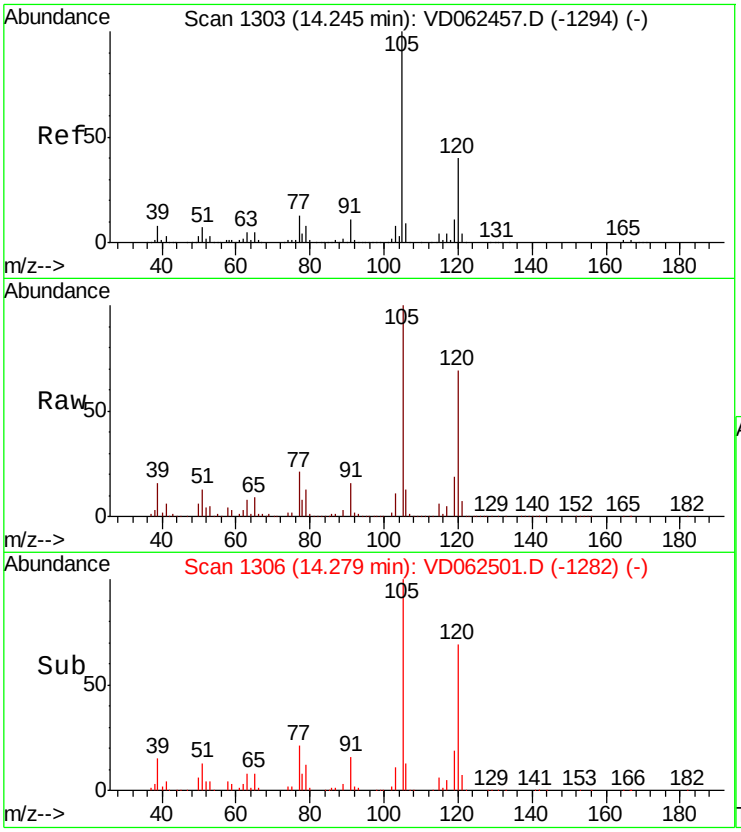


#83
tert-Butylbenzene
Concen: 8752.914 ug/l
RT: 14.28 min Scan# 1306
Delta R.T. 0.08 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:119 Resp: 3226026

Ion	Ratio	Lower	Upper
119	100		
91	88.3	34.2	102.6
134	0.0	12.0	36.0#



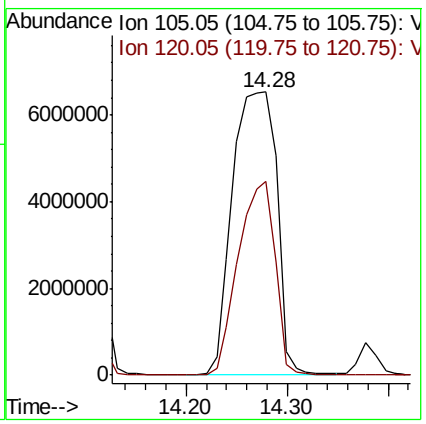


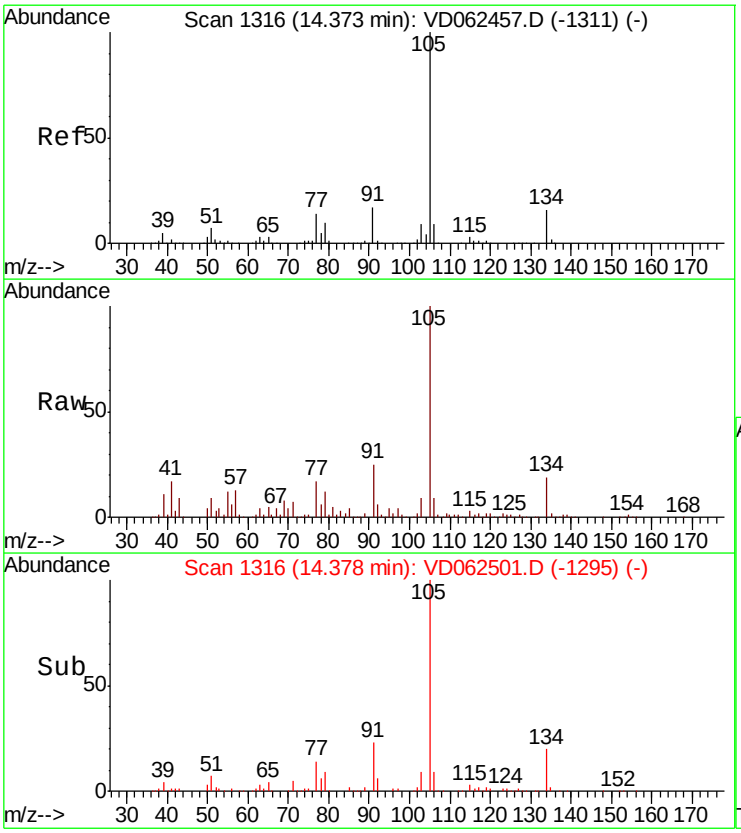
#84
1,2,4-Trimethylbenzene
Concen: 58560.868 ug/l
RT: 14.28 min Scan# 1306
Delta R.T. 0.03 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:105 Resp:19938137

Ion	Ratio	Lower	Upper
105	100		
120	68.5	23.1	69.2

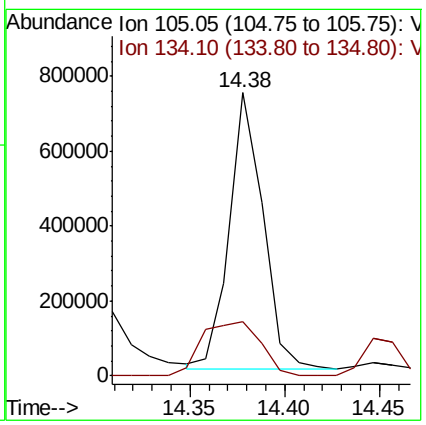


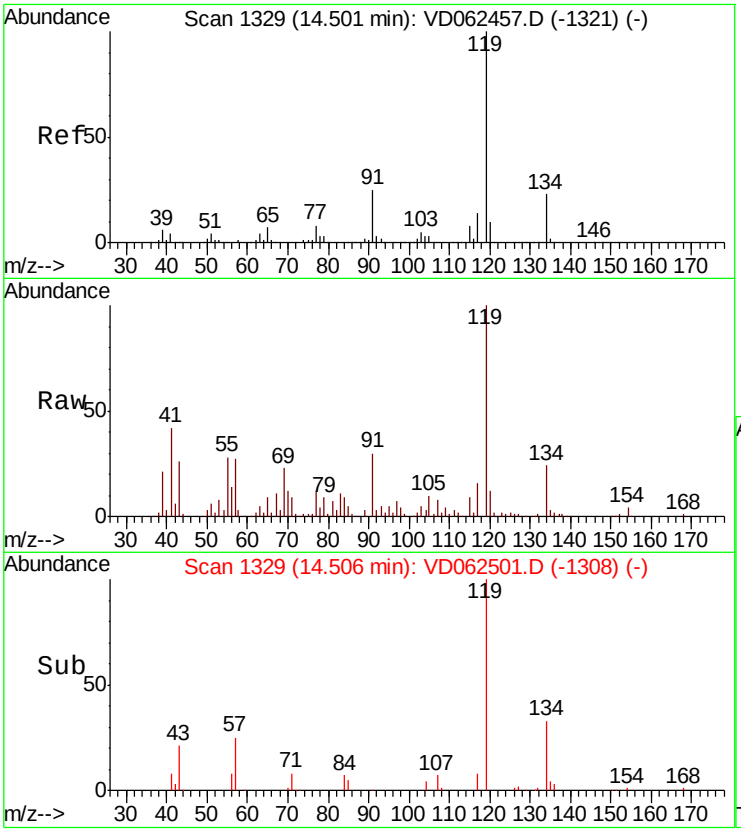


#85
sec-Butylbenzene
Concen: 2349.832 ug/l
RT: 14.38 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:105 Resp: 903061

Ion	Ratio	Lower	Upper
105	100		
134	19.3	8.9	26.7



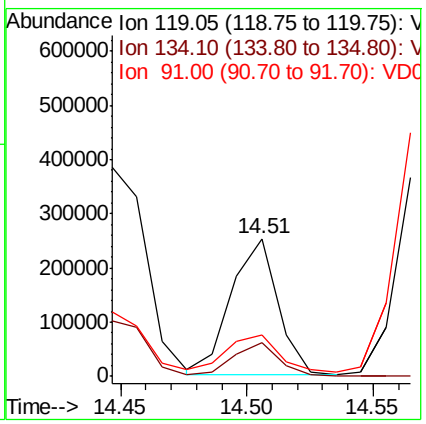


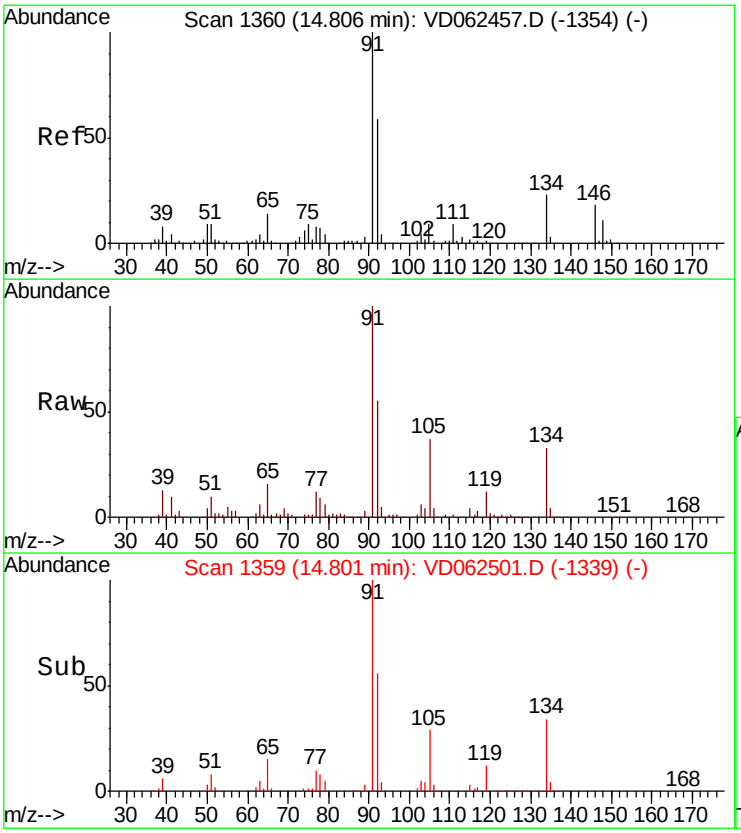
#86
p-Isopropyltoluene
Concen: 928.614 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:119 Resp: 323409

Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.8	38.3
91	29.6	10.7	32.1

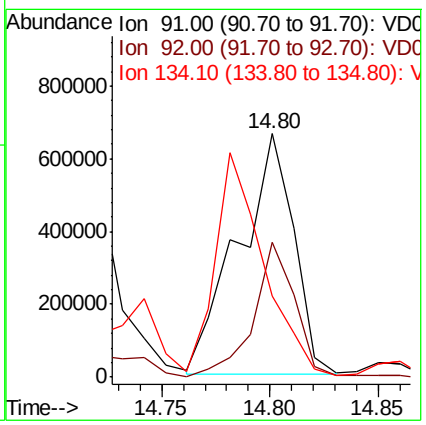


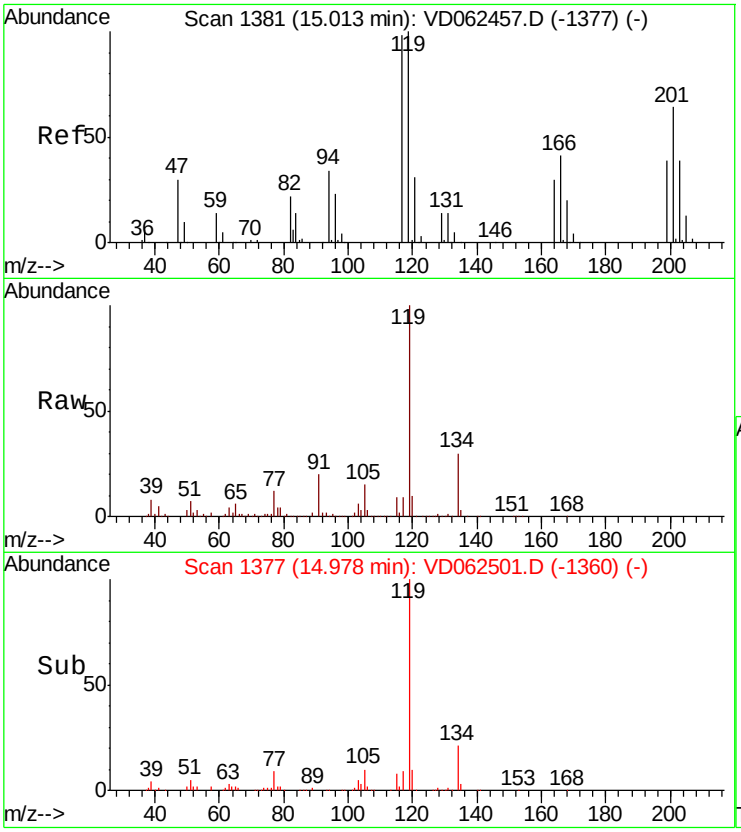


#89
n-Butylbenzene
Concen: 3496.016 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion: 91 Resp: 1175048

Ion	Ratio	Lower	Upper
91	100		
92	55.1	30.3	91.0
134	33.1	14.5	43.6



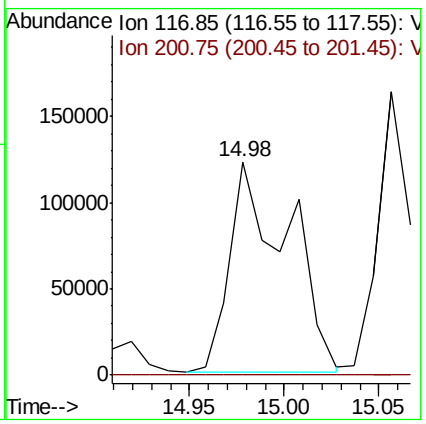


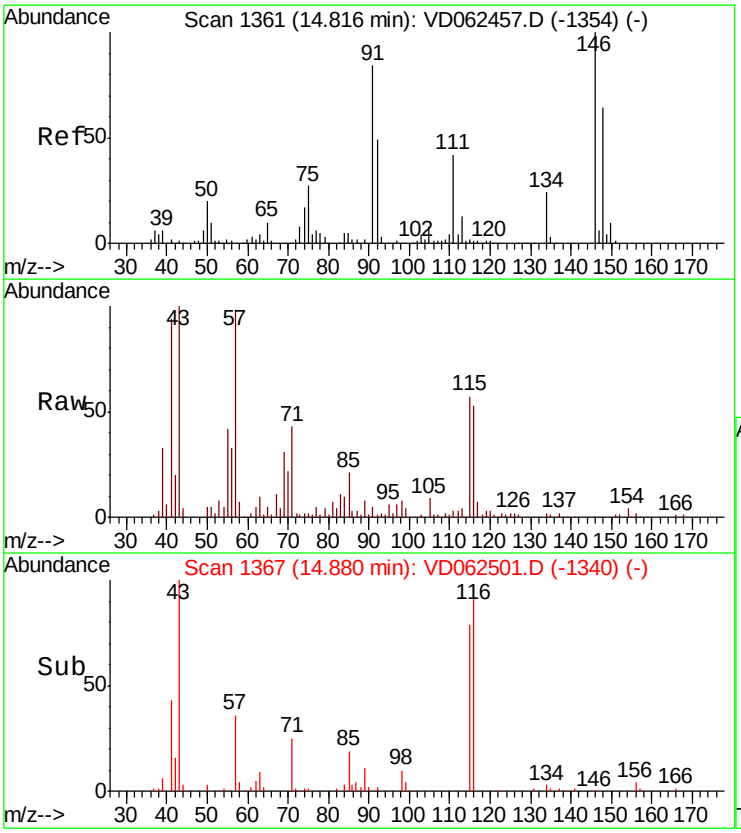
#90
Hexachloroethane
Concen: 2706.967 ug/l
RT: 14.98 min Scan# 1377
Delta R.T. -0.03 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion:117 Resp: 260547

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.2	90.6#

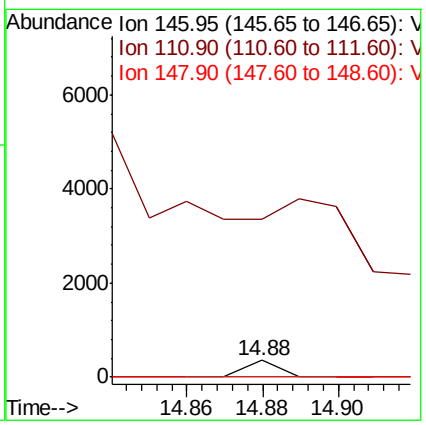


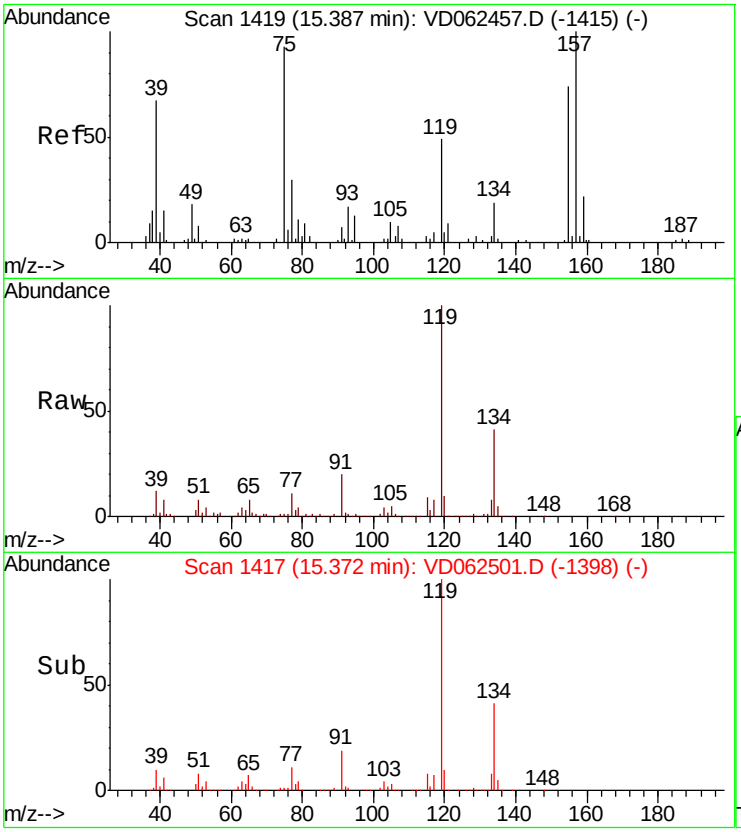


#91
1,2-Dichlorobenzene
Concen: 1.266 ug/l
RT: 14.88 min Scan# 1367
Delta R.T. 0.06 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:146 Resp: 207

Ion	Ratio	Lower	Upper
146	100		
111	960.6	20.0	59.9#
148	0.0	32.3	96.8#



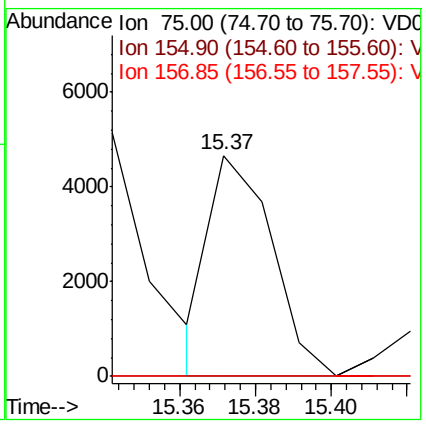


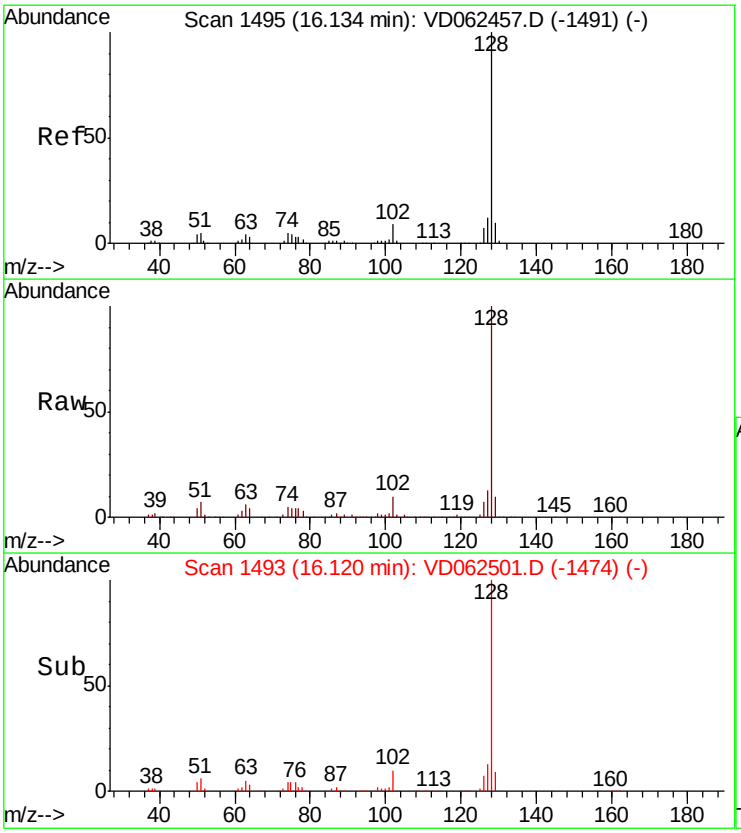
#92
1,2-Dibromo-3-Chloropropane
Concen: 407.882 ug/l
RT: 15.37 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

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

Tgt Ion: 75 Resp: 5360

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





#95
Naphthalene
Concen: 2097.557 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062501.D
Acq: 22 May 2019 14:07

Tgt Ion:128 Resp: 368909

Ion	Ratio	Lower	Upper
128	100		
127	13.4	9.8	14.8
129	10.5	8.8	13.2