

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062980.D
 Acq On : 1 Jul 2019 10:08
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 07:32:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	788607	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	1037572	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	947770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	533836	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	434824	50.73	ug/l	-0.03
Spiked Amount			Recovery	=	101.46%	
35) Dibromofluoromethane	6.91	113	413384	47.25	ug/l	-0.02
Spiked Amount			Recovery	=	94.50%	
50) Toluene-d8	10.40	98	922177	48.43	ug/l	-0.02
Spiked Amount			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	13.55	95	455939	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	462342	45.306	ug/l	94
3) Chloromethane	1.75	50	322943	42.079	ug/l	99
4) Vinyl Chloride	1.83	62	351058	46.135	ug/l	95
5) Bromomethane	2.14	94	165084	46.325	ug/l	98
6) Chloroethane	2.26	64	187559	54.443	ug/l	95
7) Trichlorofluoromethane	2.52	101	831531	53.996	ug/l	96
8) Diethyl Ether	2.86	74	109327	55.874	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.13	101	436218	52.286	ug/l	87
10) Methyl Iodide	3.29	142	497839	45.230	ug/l	95
11) Tert butyl alcohol	4.07	59	109367	280.133	ug/l #	94
12) 1,1-Dichloroethene	3.11	96	315317	50.381	ug/l	96
13) Acrolein	3.03	56	79554	199.602	ug/l	97
14) Allyl chloride	3.60	41	453380	49.026	ug/l	97
15) Acrylonitrile	4.19	53	224229	244.429	ug/l	94
16) Acetone	3.21	43	476633	274.886	ug/l	100
17) Carbon Disulfide	3.36	76	860006	42.995	ug/l	96
18) Methyl Acetate	3.63	43	126760	48.986	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	721306	53.238	ug/l	95
20) Methylene Chloride	3.80	84	301243	46.080	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	304871	45.749	ug/l	93
22) Diisopropyl ether	5.10	45	956450	50.856	ug/l	92
23) Vinyl Acetate	5.04	43	3119018	265.036	ug/l	99
24) 1,1-Dichloroethane	4.96	63	593615	48.479	ug/l	99
25) 2-Butanone	6.06	43	439390	274.065	ug/l	95
26) 2,2-Dichloropropane	6.01	77	692752	53.376	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	329337	46.733	ug/l	95
28) Bromochloromethane	6.43	49	190393	44.148	ug/l	91
29) Tetrahydrofuran	6.44	42	192231	253.419	ug/l	96
30) Chloroform	6.65	83	802019	53.858	ug/l	98
31) Cyclohexane	6.94	56	368175	45.738	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	810104	52.229	ug/l	94
36) 1,1-Dichloropropene	7.13	75	487584	49.642	ug/l	95
37) Ethyl Acetate	6.17	43	192403	46.556	ug/l	99
38) Carbon Tetrachloride	7.09	117	899855	60.916	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	440538	50.954	ug/l	98
40) Benzene	7.45	78	1030020	52.243	ug/l	96
41) Methacrylonitrile	6.44	41	261667	50.517	ug/l #	90
42) 1,2-Dichloroethane	7.56	62	605375	56.285	ug/l	100
43) Isopropyl Acetate	9.24	43	266304	51.716	ug/l #	94
44) Trichloroethene	8.53	130	419689	54.297	ug/l	95
45) 1,2-Dichloropropane	8.93	63	232701	47.466	ug/l	100
46) Dibromomethane	9.05	93	233057	55.341	ug/l	96
47) Bromodichloromethane	9.37	83	620652	56.747	ug/l	99
48) Methyl methacrylate	9.11	41	195539	53.436	ug/l	93
49) 1,4-Dioxane	9.08	88	32657	1072.683	ug/l	94
51) 4-Methyl-2-Pentanone	10.29	43	1058049	289.806	ug/l	97
52) Toluene	10.51	92	712081	53.729	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	522644	58.383	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	541812	55.684	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	239585	52.618	ug/l	94
56) Ethyl methacrylate	11.04	69	255604	52.528	ug/l	96
57) 1,3-Dichloropropane	11.40	76	391499	56.155	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	634659	254.053	ug/l	95
59) 2-Hexanone	11.53	43	821221	315.839	ug/l	96
60) Dibromochloromethane	11.68	129	500273	58.987	ug/l	99
61) 1,2-Dibromoethane	11.80	107	298820	55.567	ug/l	93
64) Tetrachloroethene	11.26	164	377175	48.353	ug/l	95
65) Chlorobenzene	12.40	112	859875	48.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	404925	49.226	ug/l	96
67) Ethyl Benzene	12.53	91	1495890	47.368	ug/l	99
68) m/p-Xylenes	12.66	106	1137904	103.455	ug/l	99
69) o-Xylene	13.05	106	494538	49.184	ug/l	93
70) Styrene	13.07	104	903922	51.182	ug/l	96
71) Bromoform	13.23	173	298187	52.908	ug/l	93
73) Isopropylbenzene	13.40	105	1605586	46.908	ug/l	99
74) N-amyl acetate	13.26	43	422173	50.789	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	281699	50.511	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	308407	50.044	ug/l	93
77) Bromobenzene	13.67	156	451182	49.007	ug/l	95
78) n-propylbenzene	13.78	91	1923619	48.285	ug/l	98
79) 2-Chlorotoluene	13.83	91	1176757	51.687	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	1467445	51.040	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	80705	49.967	ug/l	91
82) 4-Chlorotoluene	13.94	91	1422552	51.900	ug/l	97
83) tert-Butylbenzene	14.19	119	1671961	52.172	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1485215	50.401	ug/l	97
85) sec-Butylbenzene	14.37	105	1743675	50.061	ug/l	97
86) p-Isopropyltoluene	14.48	119	1568250	49.216	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	819782	49.674	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	849939	51.276	ug/l	98
89) n-Butylbenzene	14.80	91	1513498	50.748	ug/l	97
90) Hexachloroethane	15.01	117	411618	48.044	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	730750	51.753	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	58569	53.806	ug/l	70

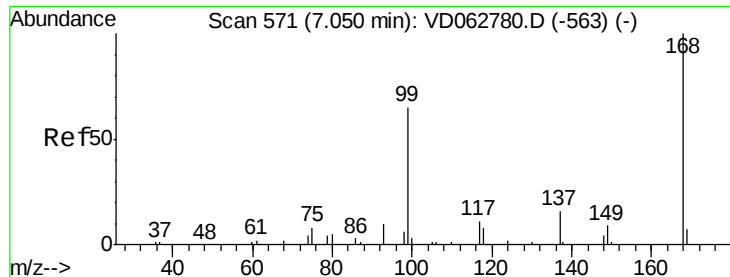
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	554191	50.244	ug/l	98
94) Hexachlorobutadiene	16.04	225	421082	49.972	ug/l	94
95) Naphthalene	16.12	128	811427	52.487	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	451664	53.296	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

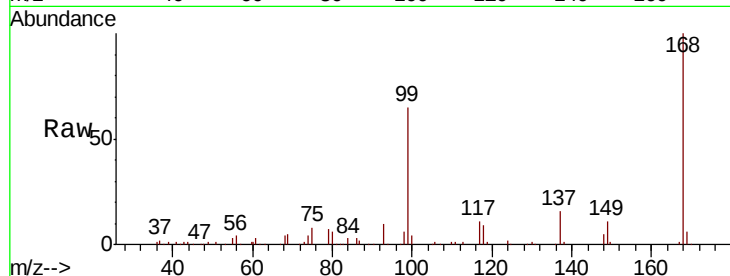
VSTDCCC050

Tot Ion:168 Resp: 788607

Ion Ratio Lower Upper

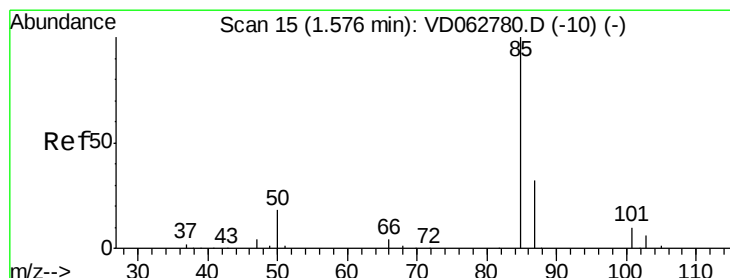
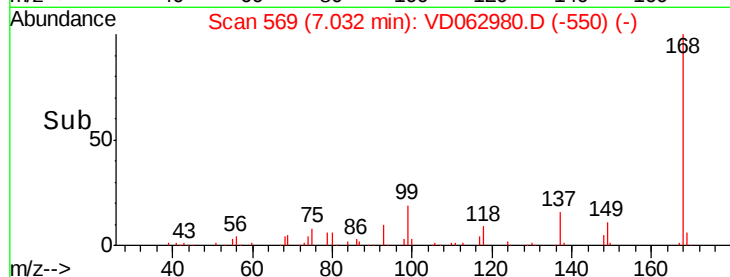
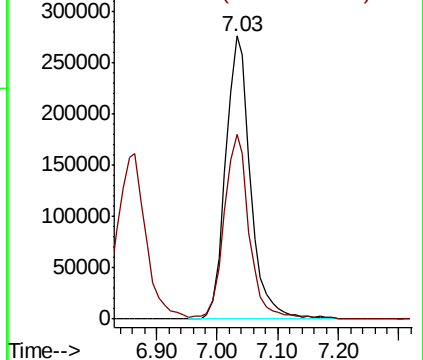
168 100

99 65.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 45.306 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062980.D

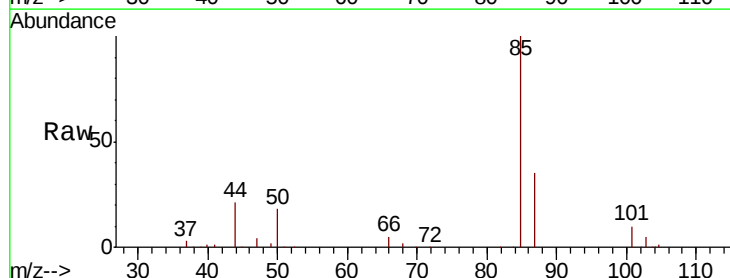
Acq: 1 Jul 2019 10:08

Tgt Ion: 85 Resp: 462342

Ion Ratio Lower Upper

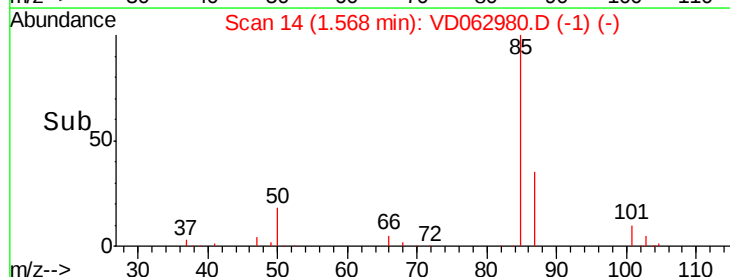
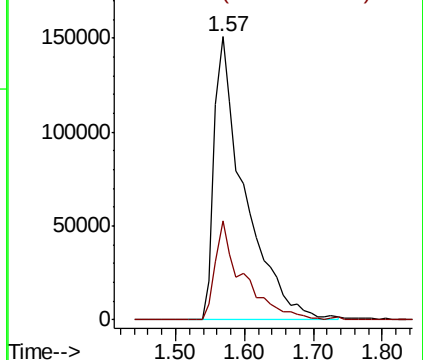
85 100

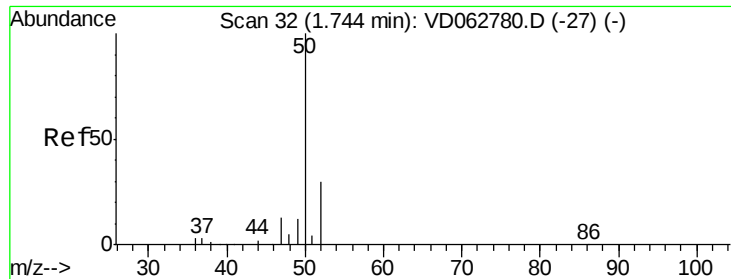
87 35.2 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.079 ug/l

RT: 1.75 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

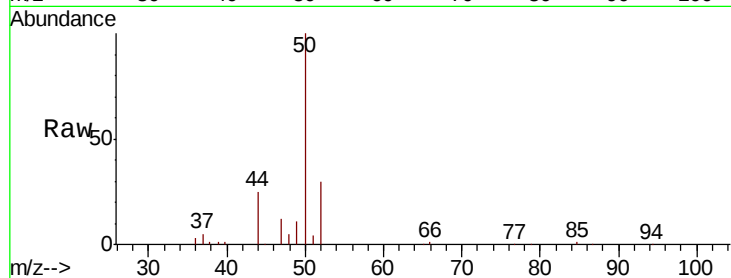
VSTDCCC050

Tot Ion: 50 Resp: 322943

Ion Ratio Lower Upper

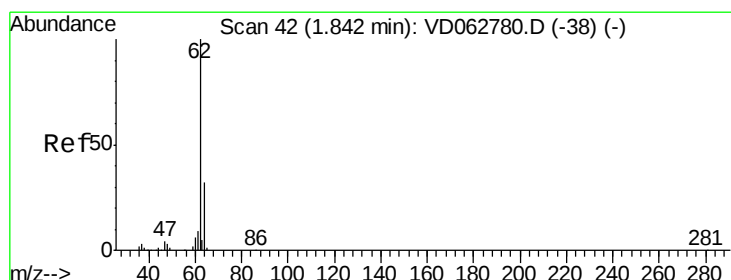
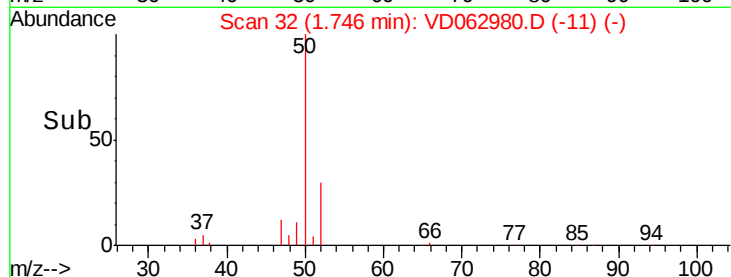
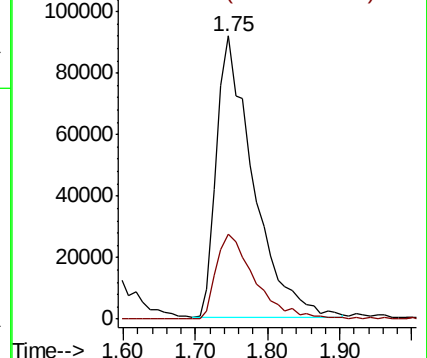
50 100

52 30.0 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.135 ug/l

RT: 1.83 min Scan# 41

Delta R.T. -0.01 min

Lab File: VD062980.D

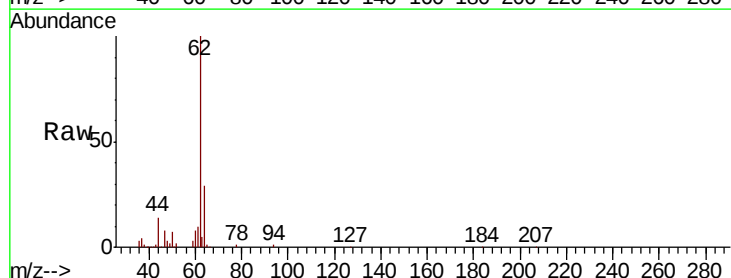
Acq: 1 Jul 2019 10:08

Tgt Ion: 62 Resp: 351058

Ion Ratio Lower Upper

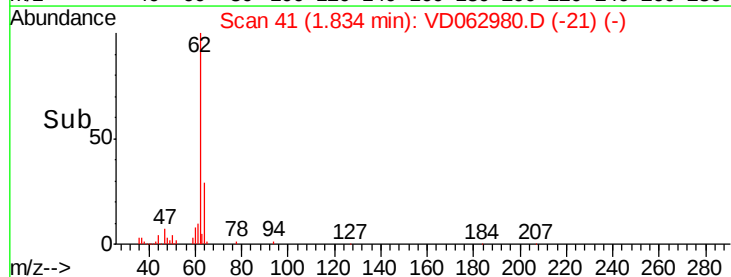
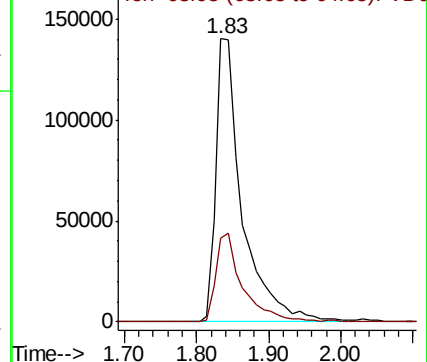
62 100

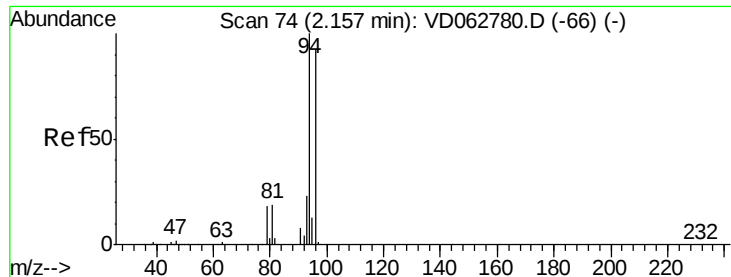
64 29.5 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 46.325 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

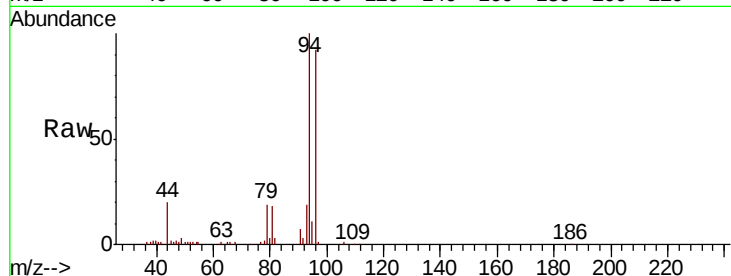
Tot Ion: 94 Resp: 165084

Ion Ratio Lower Upper

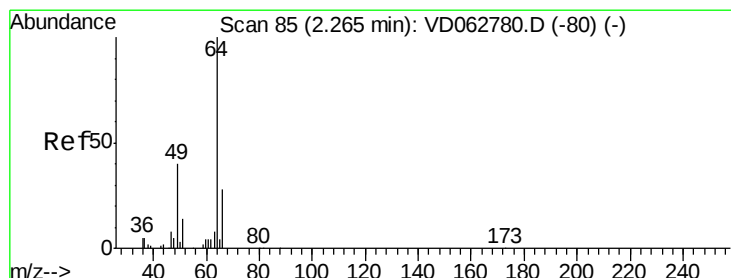
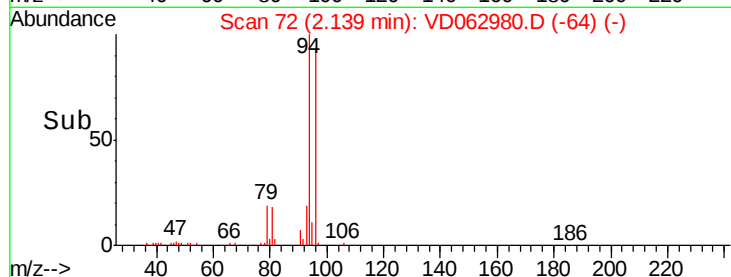
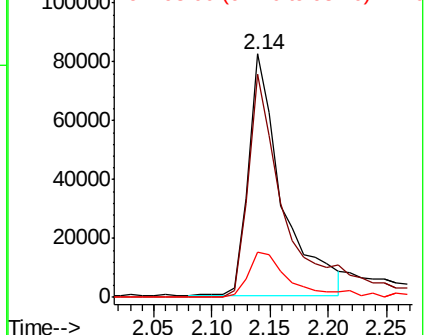
94 100

96 91.5 73.4 110.2

93 18.7 18.2 27.4



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 54.443 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062980.D

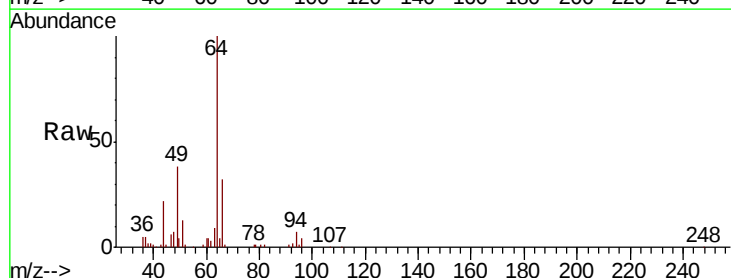
Acq: 1 Jul 2019 10:08

Tgt Ion: 64 Resp: 187559

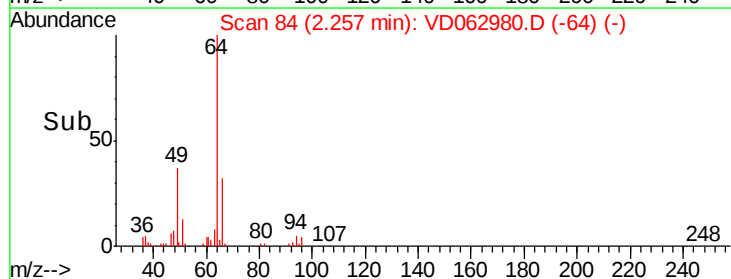
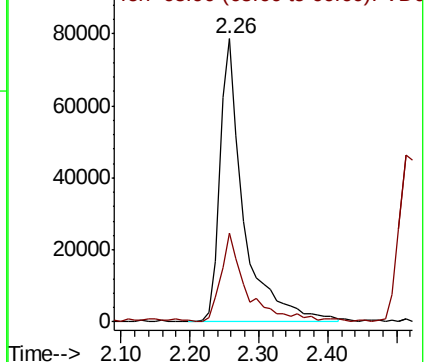
Ion Ratio Lower Upper

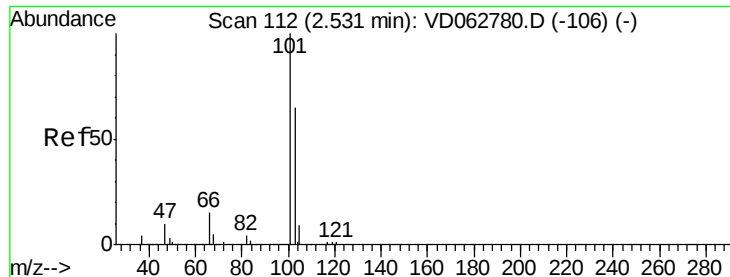
64 100

66 31.5 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



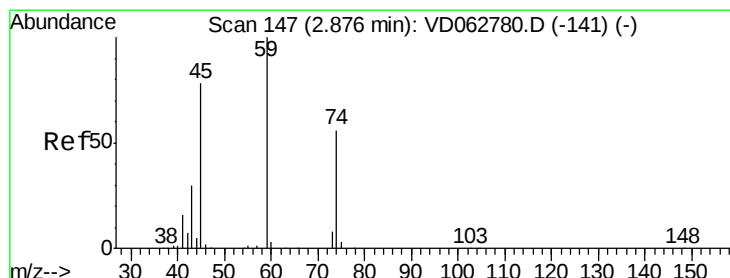
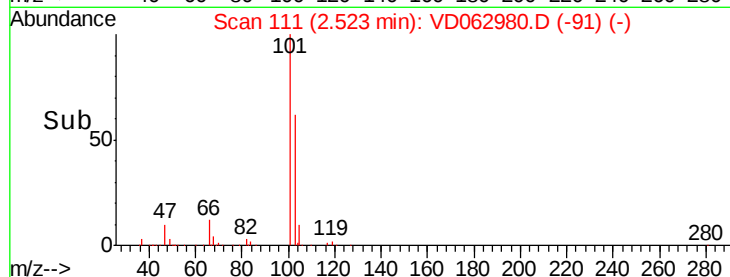
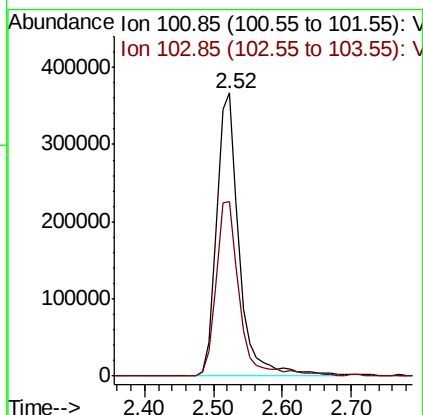
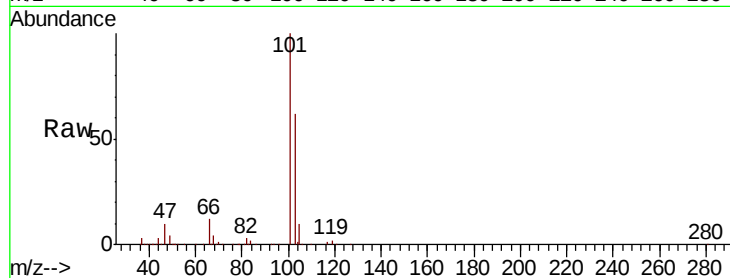


#7

Trichlorofluoromethane
Concen: 53.996 ug/l
RT: 2.52 min Scan# 111
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
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ClientSampleId :
VSTDCCC050

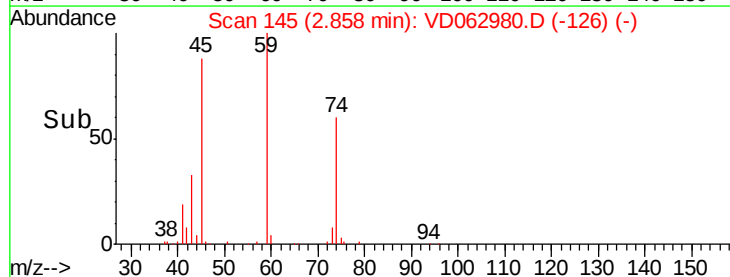
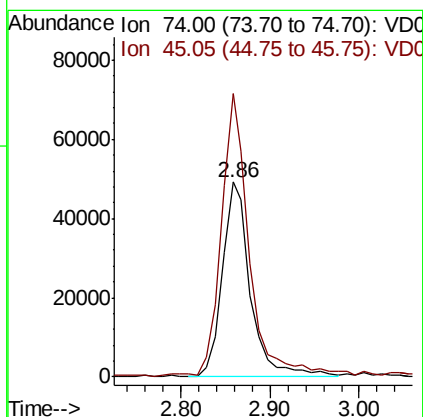
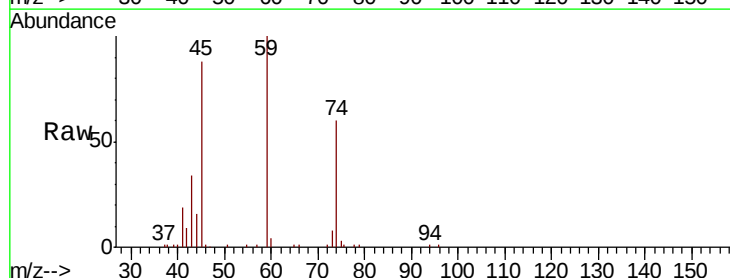
Tot Ion:101 Resp: 831531
Ion Ratio Lower Upper
101 100
103 61.8 51.8 77.8

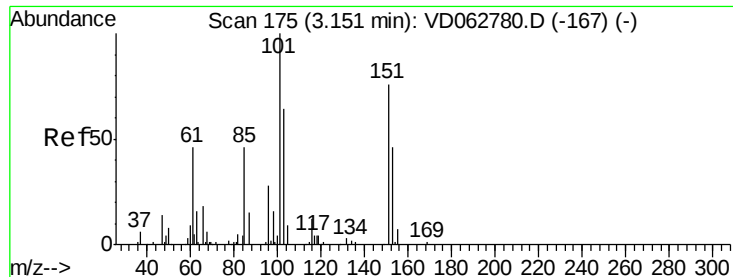


#8

Diethyl Ether
Concen: 55.874 ug/l
RT: 2.86 min Scan# 145
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 74 Resp: 109327
Ion Ratio Lower Upper
74 100
45 145.1 70.2 210.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.286 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

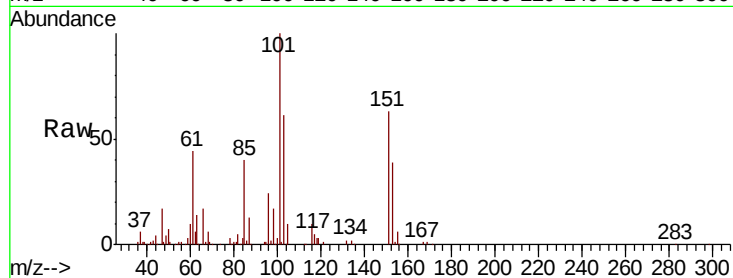
Tot Ion:101 Resp: 436218

Ion Ratio Lower Upper

101 100

85 40.2 37.0 55.4

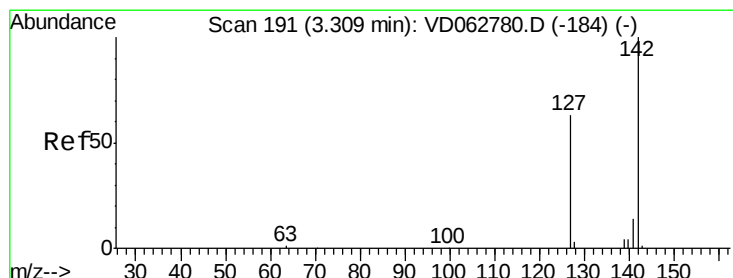
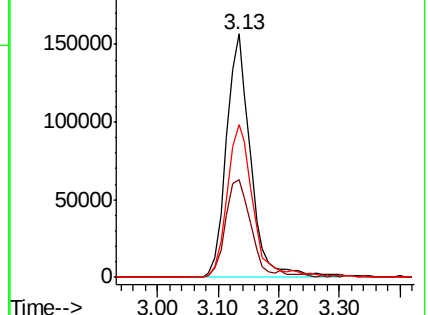
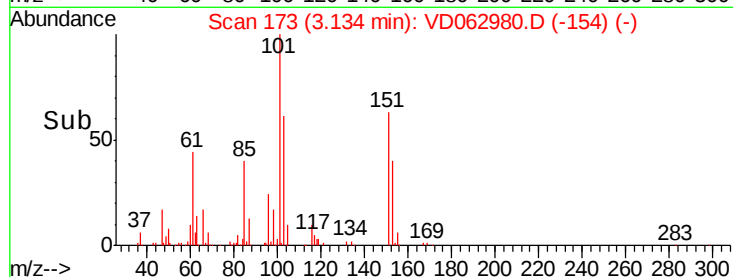
151 62.7 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 45.230 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

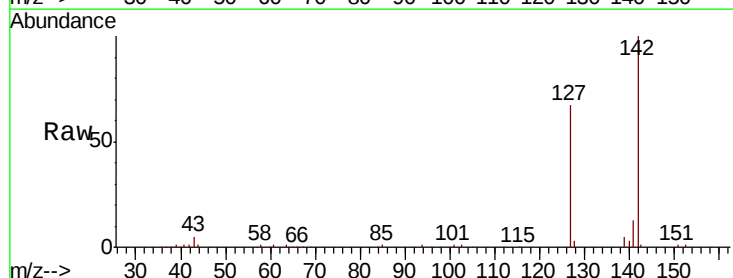
Tgt Ion:142 Resp: 497839

Ion Ratio Lower Upper

142 100

127 67.3 50.1 75.1

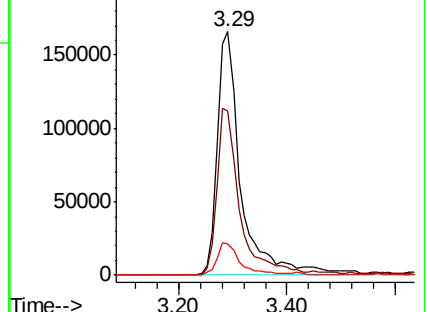
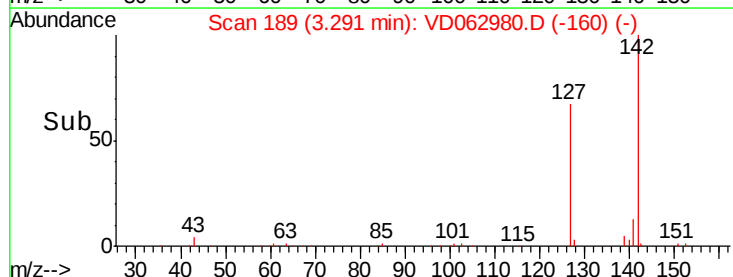
141 12.9 11.0 16.4



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



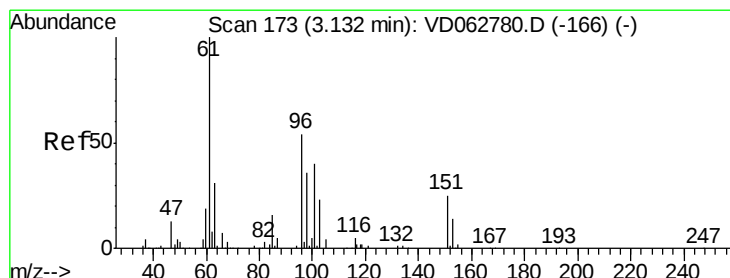
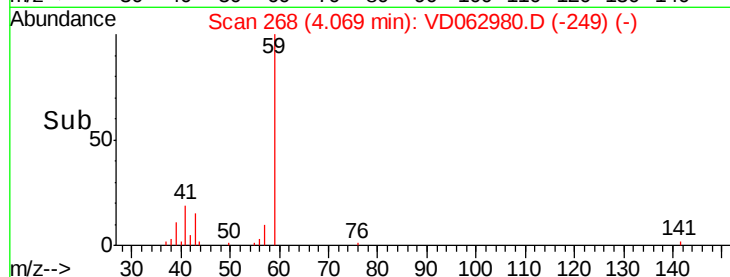
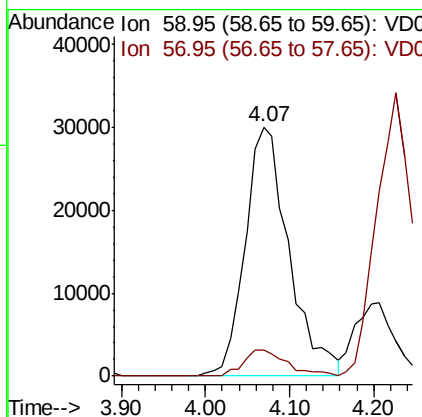
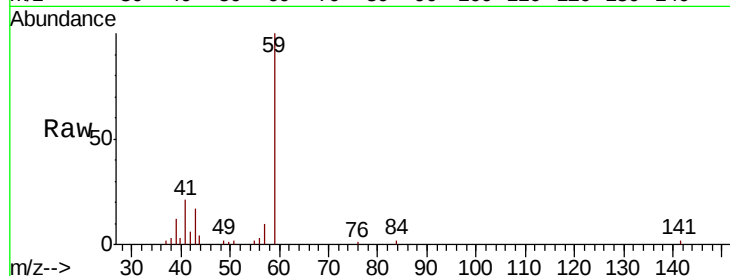


#11

Tert butyl alcohol
 Concen: 280.133 ug/l
 RT: 4.07 min Scan# 268
 Delta R.T. -0.02 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

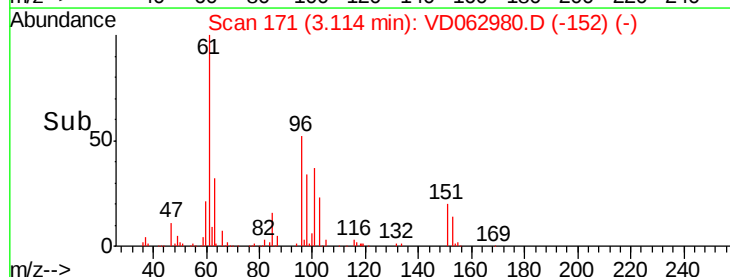
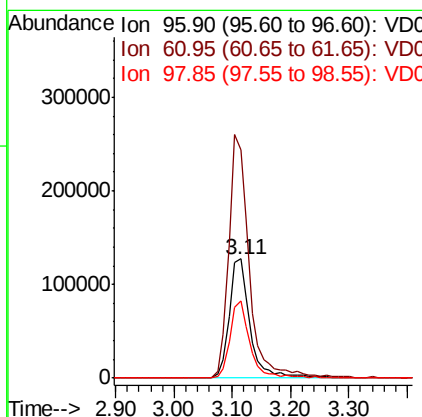
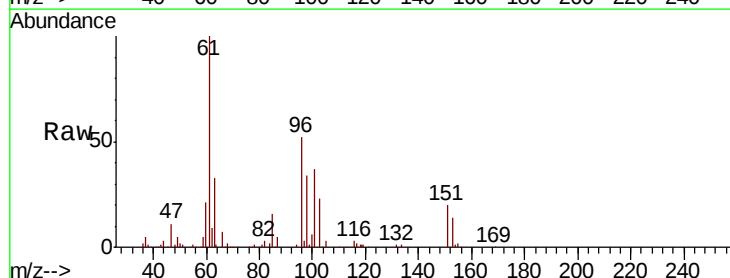
Tot Ion: 59 Resp: 109367
 Ion Ratio Lower Upper
 59 100
 57 10.4 6.6 10.0#

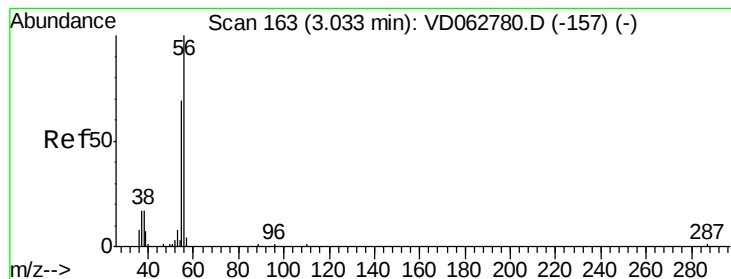


#12

1,1-Dichloroethene
 Concen: 50.381 ug/l
 RT: 3.11 min Scan# 171
 Delta R.T. -0.02 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion: 96 Resp: 315317
 Ion Ratio Lower Upper
 96 100
 61 191.5 147.1 220.7
 98 65.2 52.6 79.0





#13

Acrolein

Concen: 199.602 ug/l

RT: 3.03 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

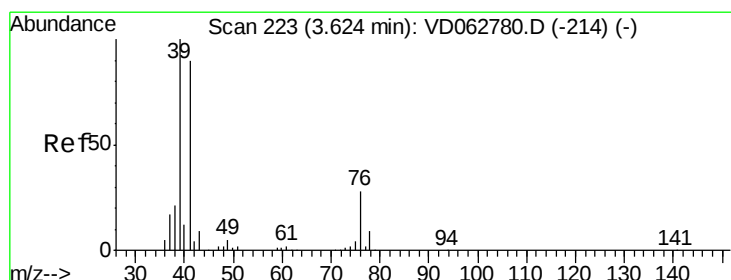
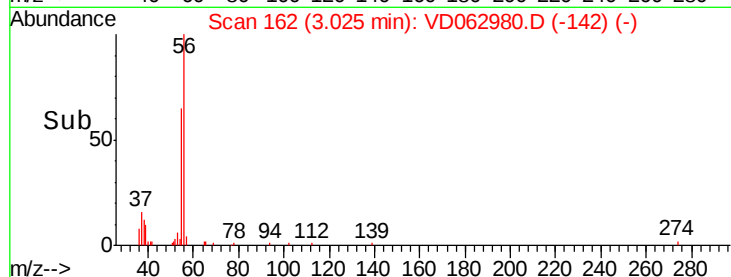
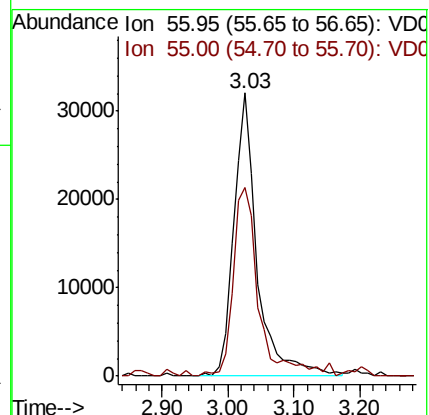
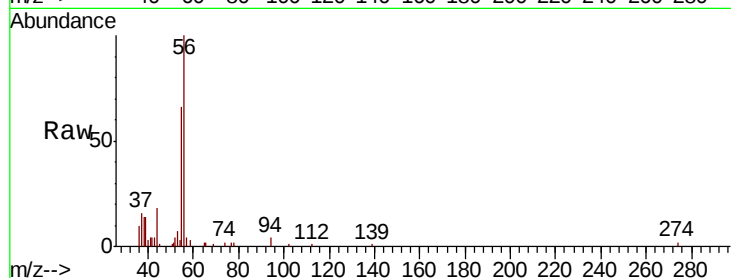
VSTDCCC050

Tot Ion: 56 Resp: 79554

Ion Ratio Lower Upper

56 100

55 66.4 55.4 83.0



#14

Allyl chloride

Concen: 49.026 ug/l

RT: 3.60 min Scan# 220

Delta R.T. -0.03 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

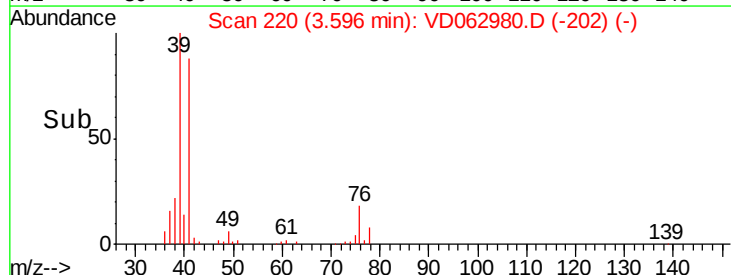
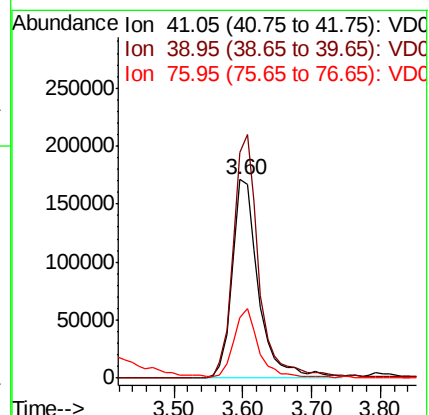
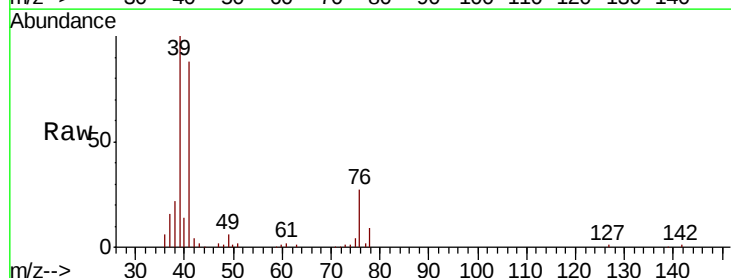
Tgt Ion: 41 Resp: 453380

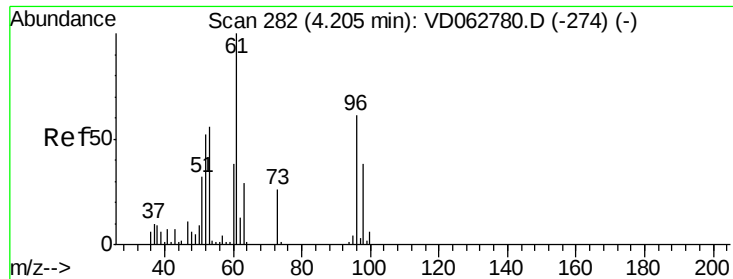
Ion Ratio Lower Upper

41 100

39 113.4 88.8 133.2

76 30.5 26.7 40.1





#15

Acrylonitrile

Concen: 244.429 ug/l

RT: 4.19 min Scan# 280

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

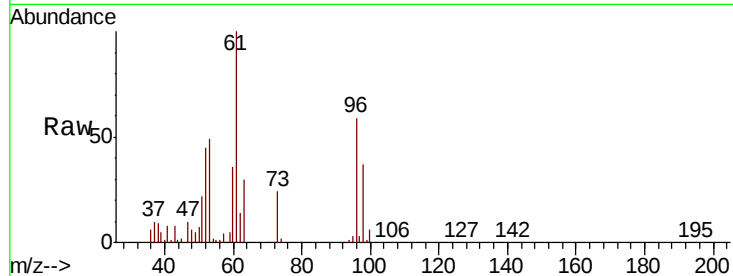
Tot Ion: 53 Resp: 224229

Ion Ratio Lower Upper

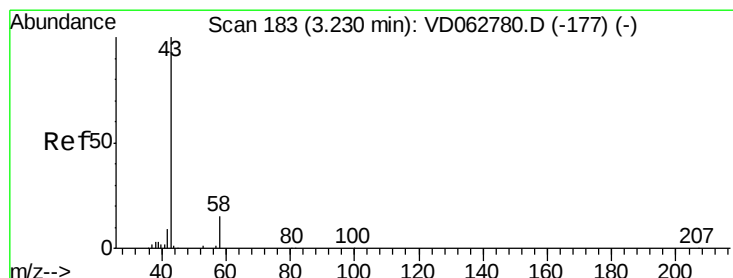
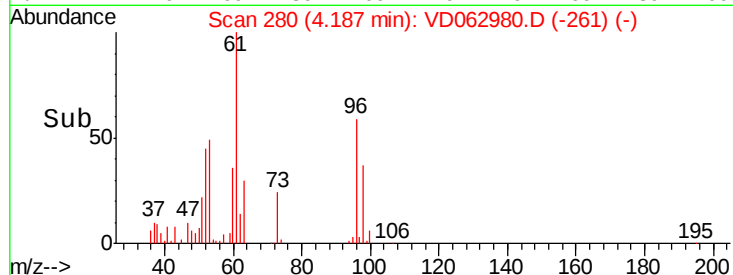
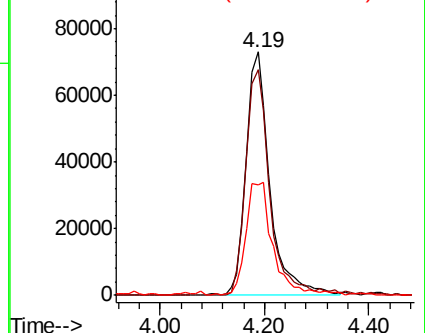
53 100

52 92.5 73.3 109.9

51 45.3 44.8 67.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 274.886 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062980.D

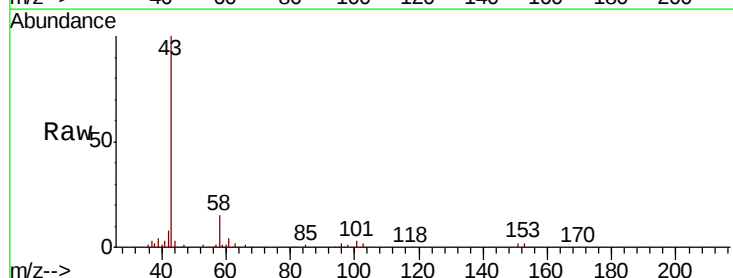
Acq: 1 Jul 2019 10:08

Tgt Ion: 43 Resp: 476633

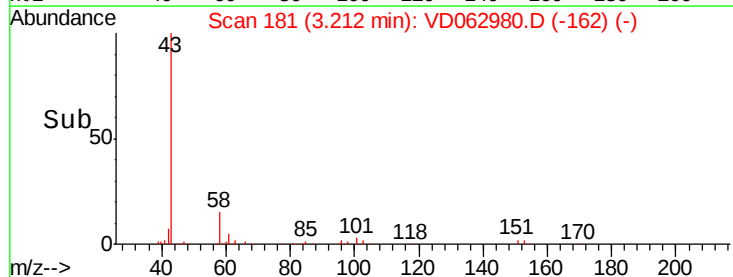
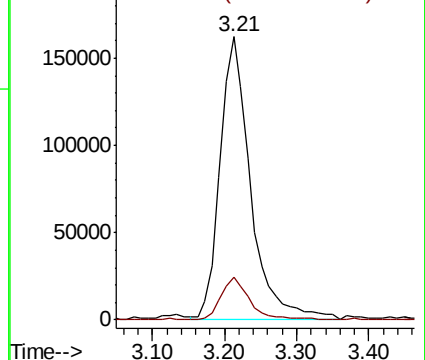
Ion Ratio Lower Upper

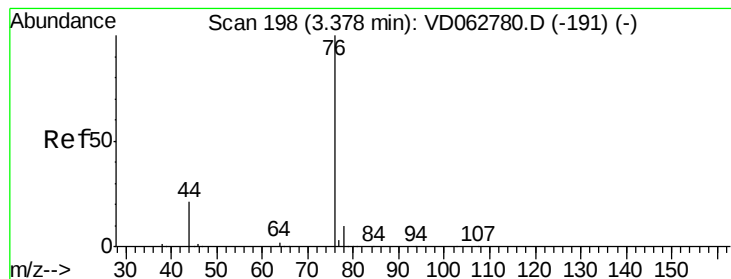
43 100

58 14.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 42.995 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

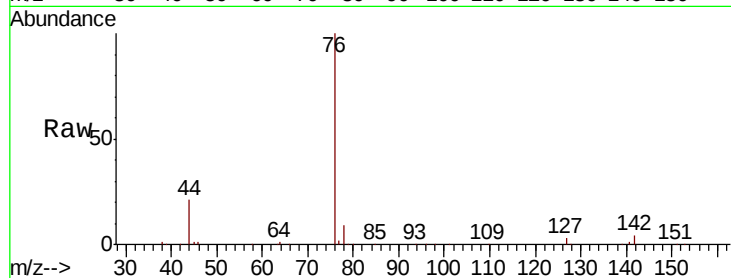
VSTDCCC050

Tot Ion: 76 Resp: 860006

Ion Ratio Lower Upper

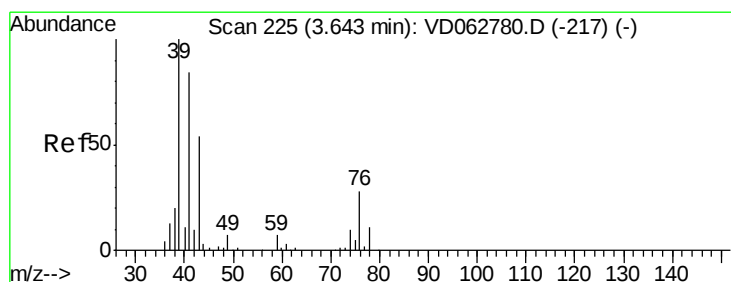
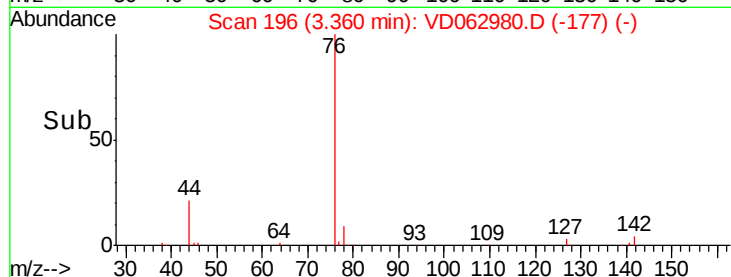
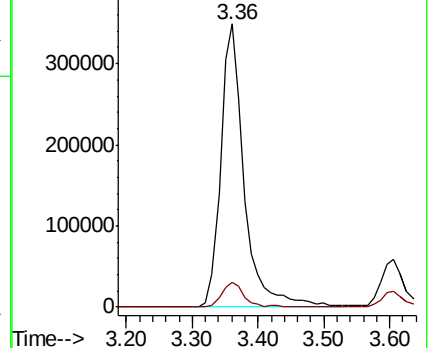
76 100

78 8.7 8.0 12.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 48.986 ug/l

RT: 3.63 min Scan# 223

Delta R.T. -0.02 min

Lab File: VD062980.D

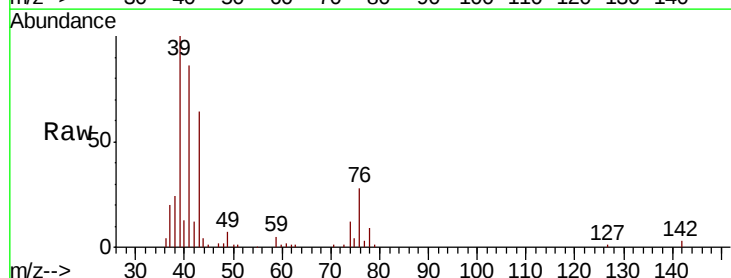
Acq: 1 Jul 2019 10:08

Tgt Ion: 43 Resp: 126760

Ion Ratio Lower Upper

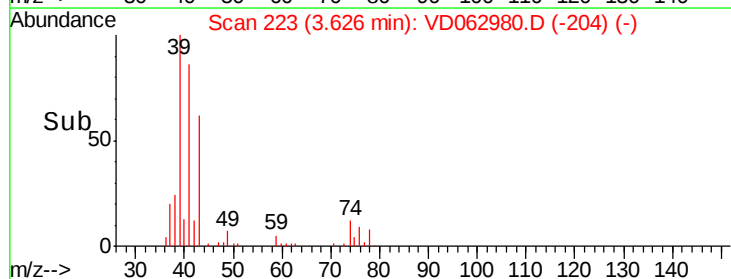
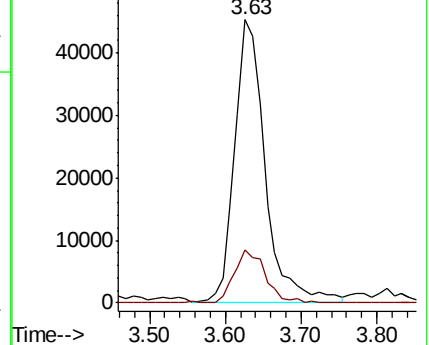
43 100

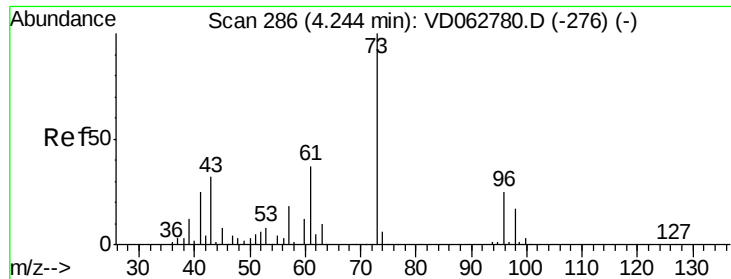
74 18.7 15.2 22.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

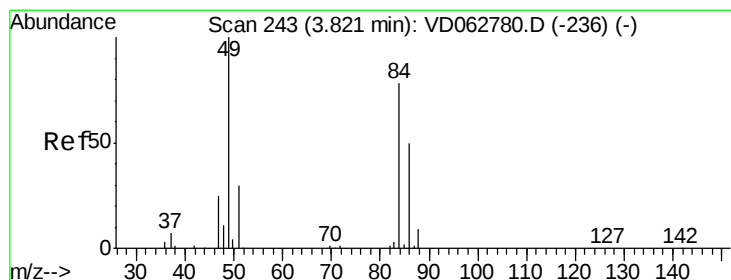
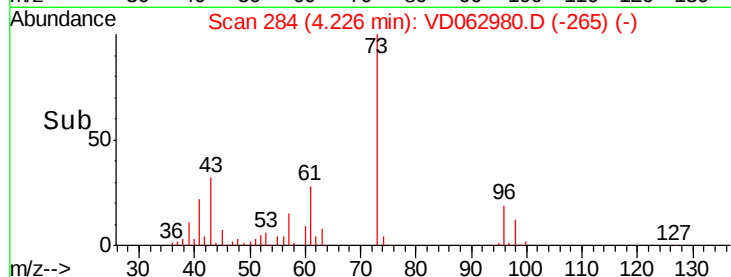
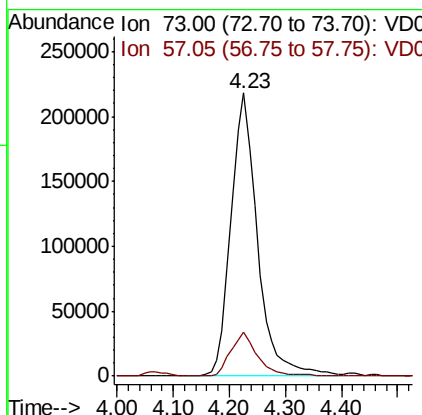
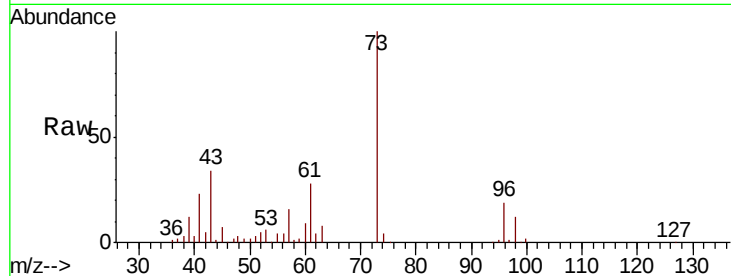




#19
Methyl tert-butyl Ether
Concen: 53.238 ug/l
RT: 4.23 min Scan# 284
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

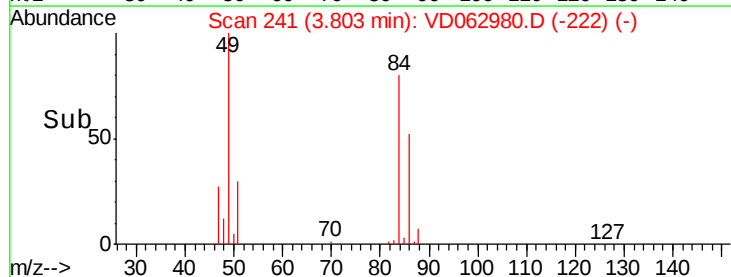
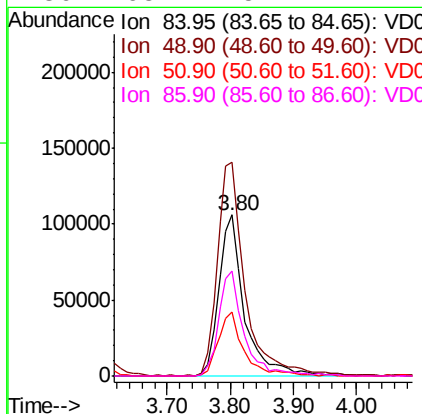
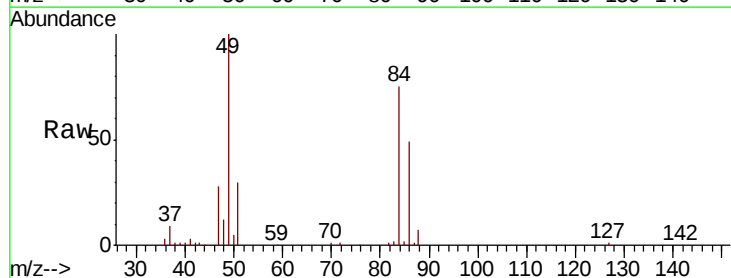
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 721306
Ion Ratio Lower Upper
73 100
57 15.6 14.3 21.5



#20
Methylene Chloride
Concen: 46.080 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 84 Resp: 301243
Ion Ratio Lower Upper
84 100
49 132.8 102.9 154.3
51 40.1 31.2 46.8
86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.749 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.03 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

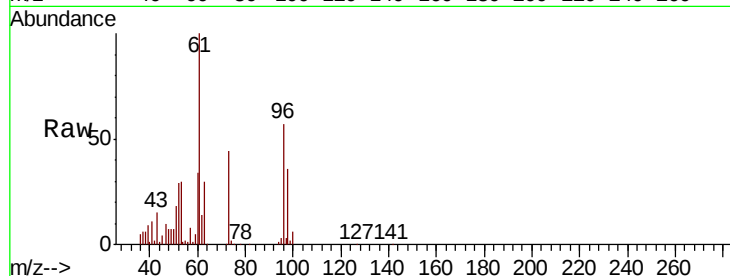
Tot Ion: 96 Resp: 304871

Ion Ratio Lower Upper

96 100

61 175.4 131.0 196.4

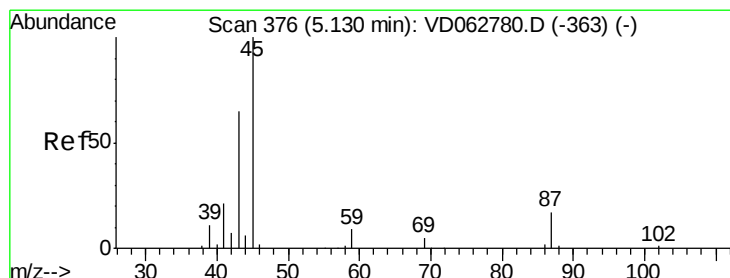
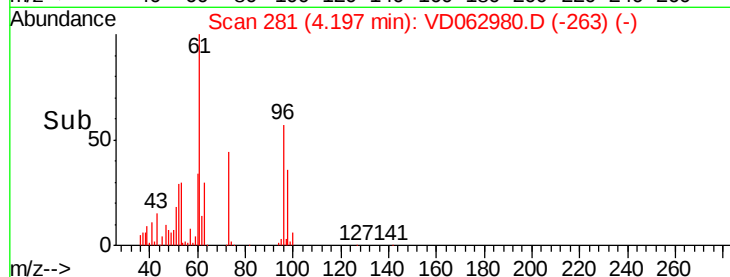
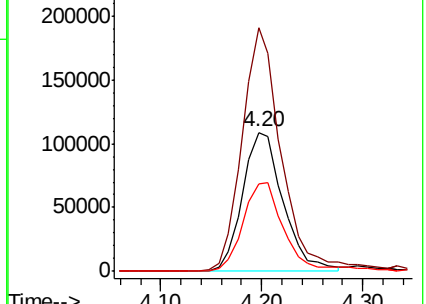
98 63.1 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 50.856 ug/l

RT: 5.10 min Scan# 373

Delta R.T. -0.03 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Tgt Ion: 45 Resp: 956450

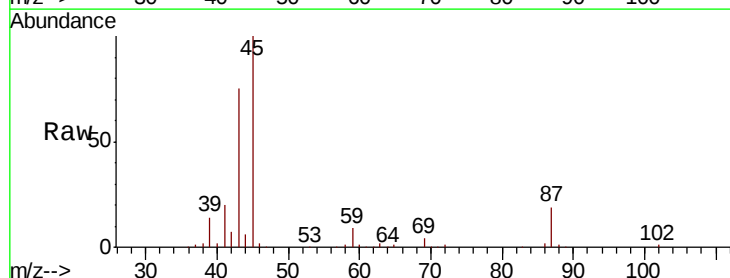
Ion Ratio Lower Upper

45 100

43 75.4 53.4 80.0

87 19.2 14.6 22.0

59 8.7 7.8 11.8

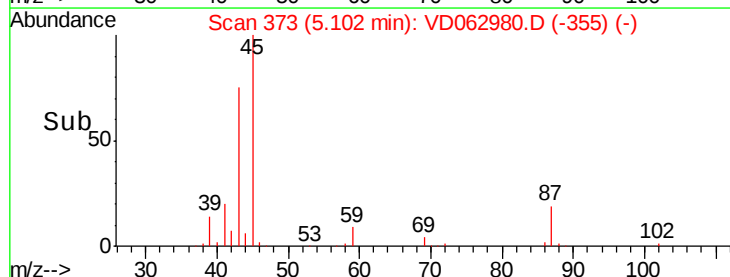
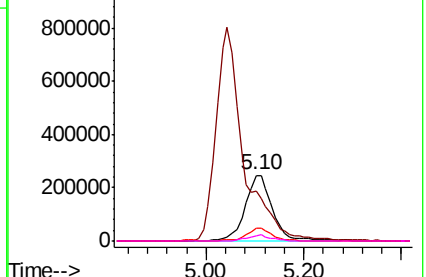


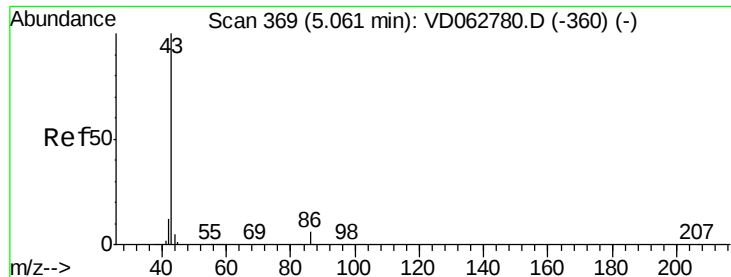
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 265.036 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

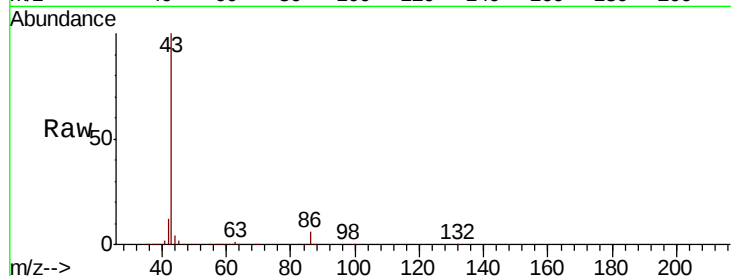
VSTDCCC050

Tot Ion: 43 Resp: 3119018

Ion Ratio Lower Upper

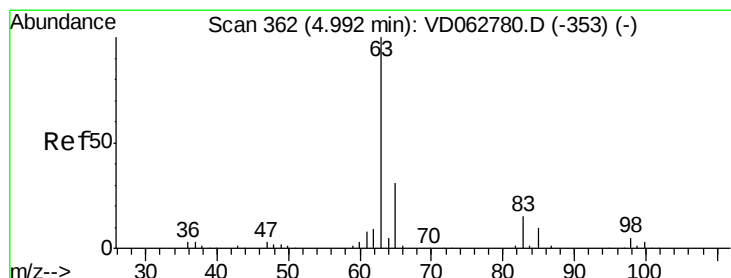
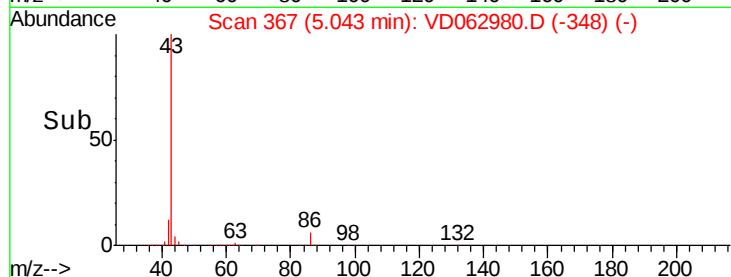
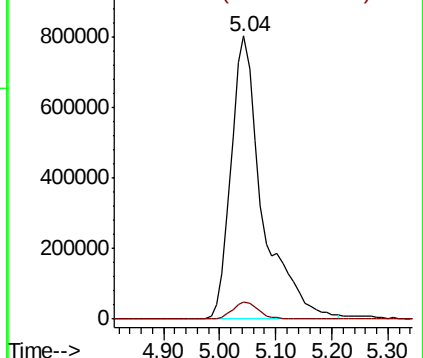
43 100

86 6.2 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.479 ug/l

RT: 4.96 min Scan# 359

Delta R.T. -0.03 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

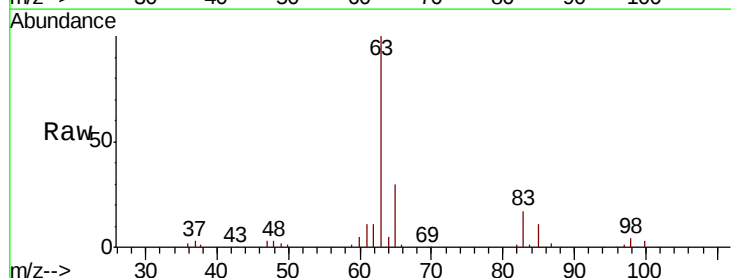
Tgt Ion: 63 Resp: 593615

Ion Ratio Lower Upper

63 100

98 4.2 2.3 6.9

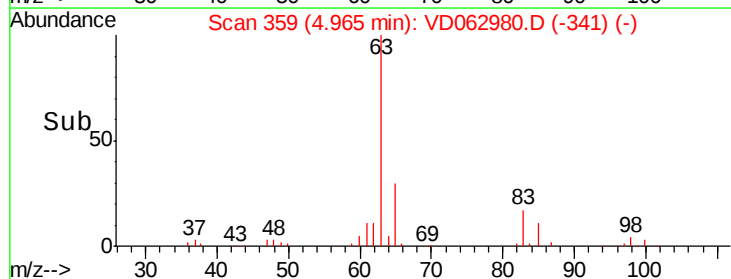
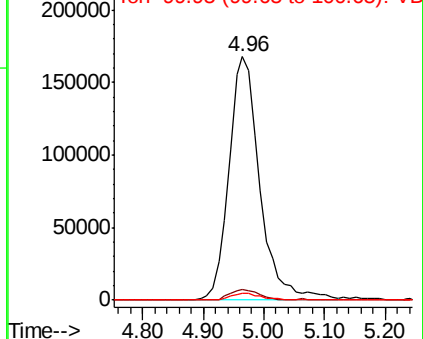
100 3.1 1.7 5.1

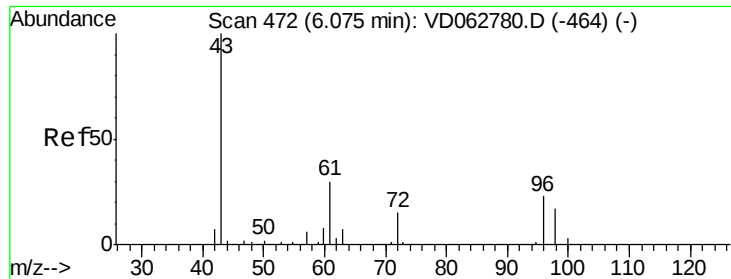


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 274.065 ug/l

RT: 6.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

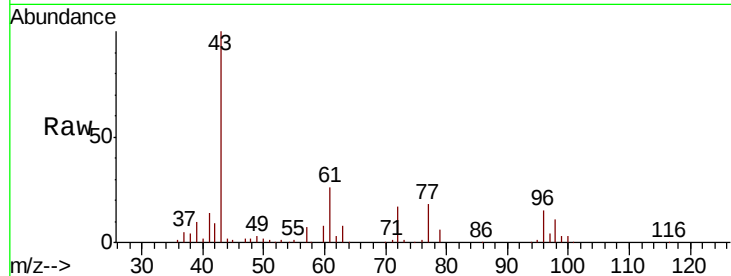
VSTDCCC050

Tot Ion: 43 Resp: 439390

Ion Ratio Lower Upper

43 100

72 16.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

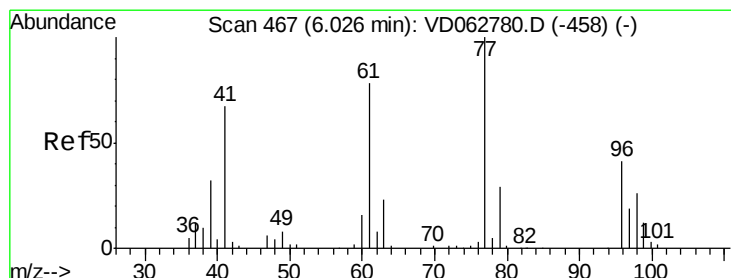
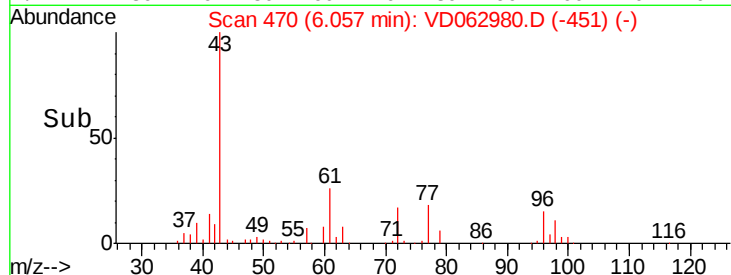
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 53.376 ug/l

RT: 6.01 min Scan# 465

Delta R.T. -0.02 min

Lab File: VD062980.D

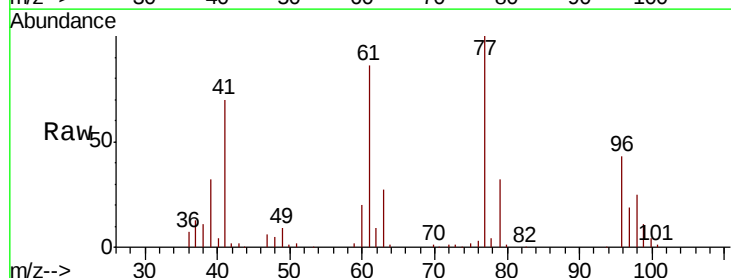
Acq: 1 Jul 2019 10:08

Tgt Ion: 77 Resp: 692752

Ion Ratio Lower Upper

77 100

97 18.6 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

200000

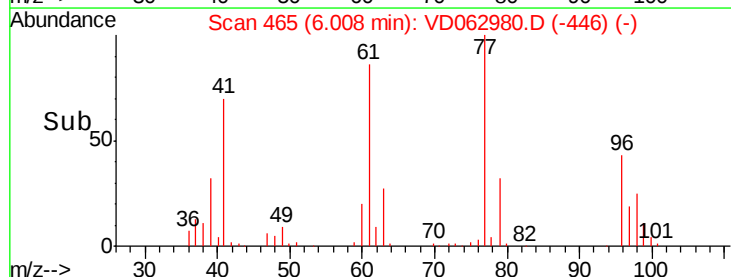
150000

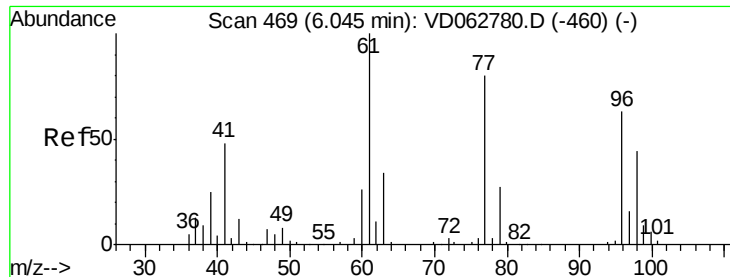
100000

50000

0

Time-->



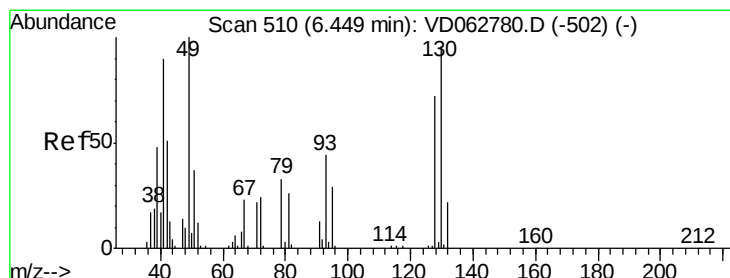
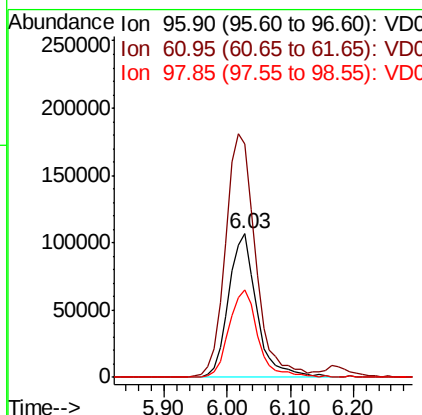
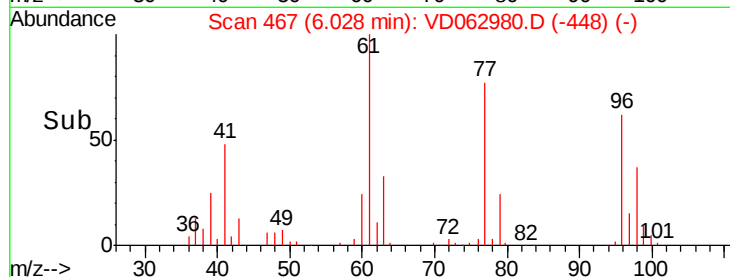
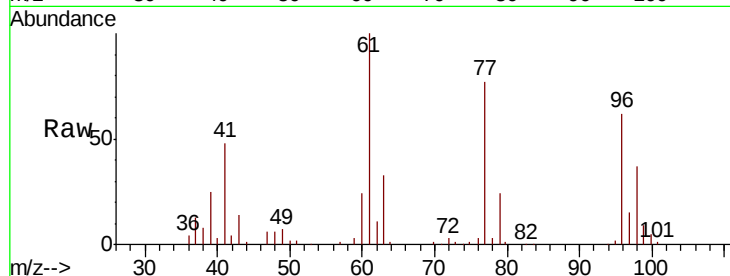


#27

cis-1,2-Dichloroethene
Concen: 46.733 ug/l
RT: 6.03 min Scan# 467
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

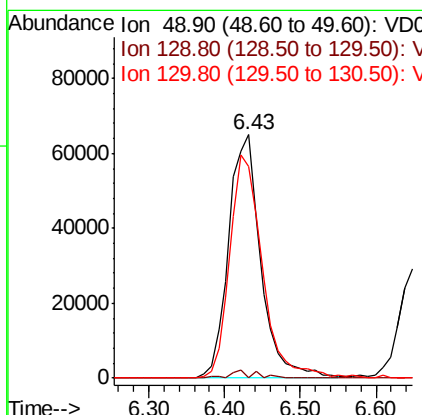
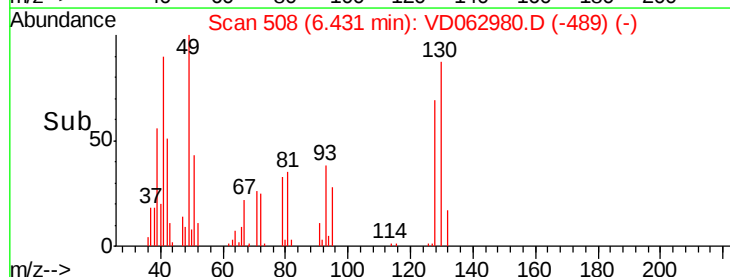
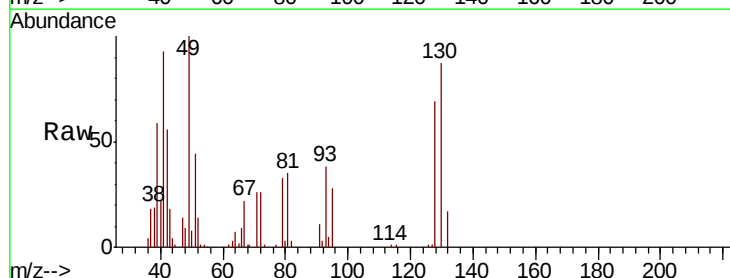
Tot Ion	96	Resp	329337
Ion	Ratio	Lower	Upper
96	100		
61	162.4	0.0	316.0
98	60.8	0.0	138.4

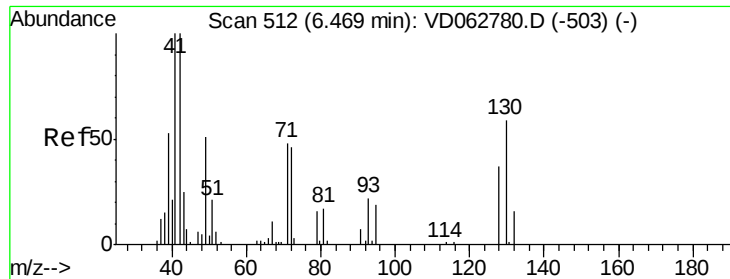


#28

Bromochloromethane
Concen: 44.148 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion	49	Resp	190393
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.6
130	86.8	76.6	114.8

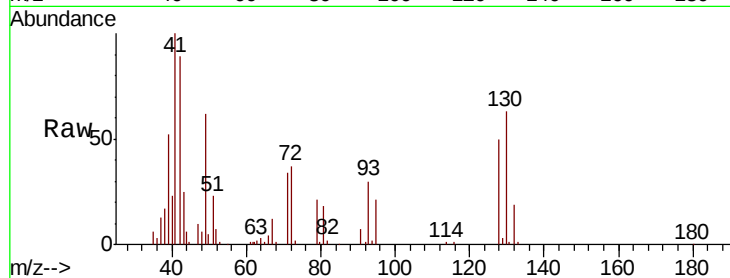




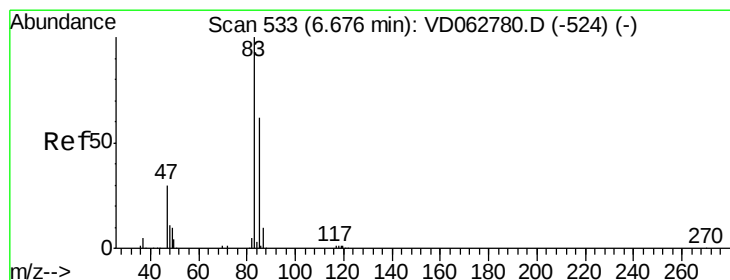
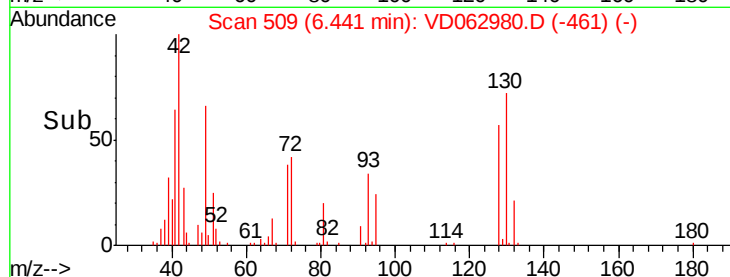
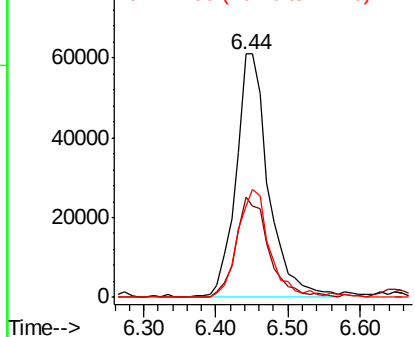
#29
Tetrahydrofuran
Concen: 253.419 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.03 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 192231
Ion Ratio Lower Upper
42 100
72 41.3 35.0 52.6
71 43.6 33.3 49.9

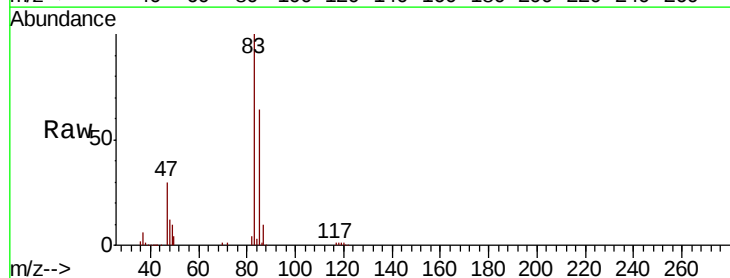


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

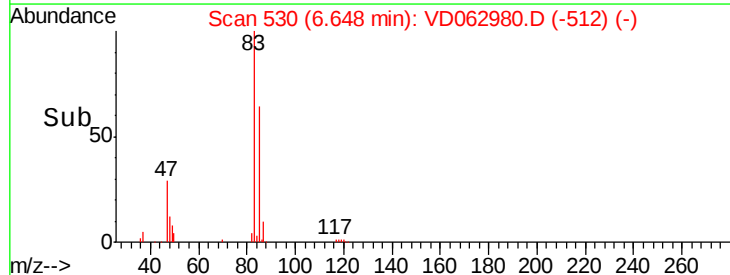
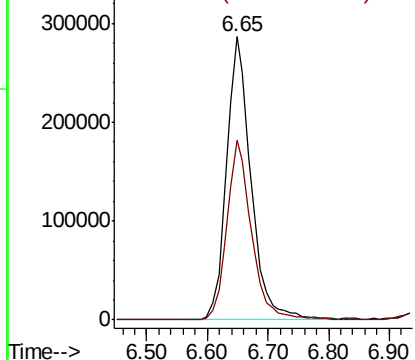


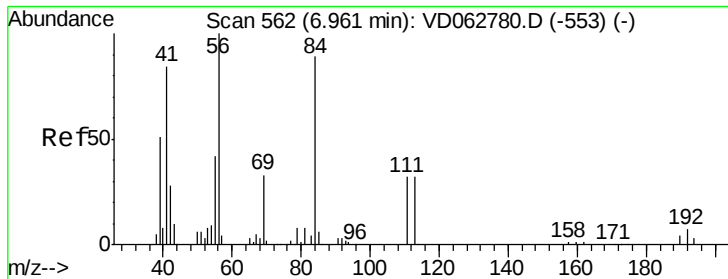
#30
Chloroform
Concen: 53.858 ug/l
RT: 6.65 min Scan# 530
Delta R.T. -0.03 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 83 Resp: 802019
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

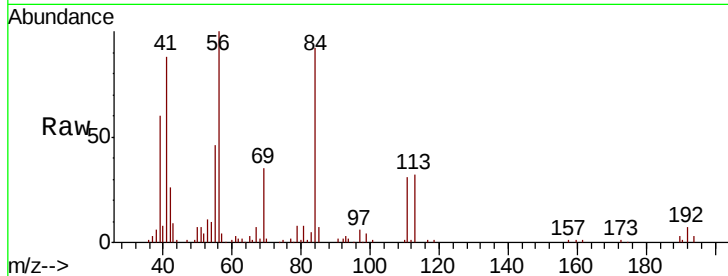




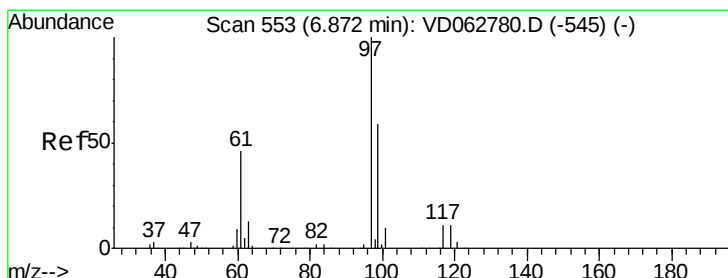
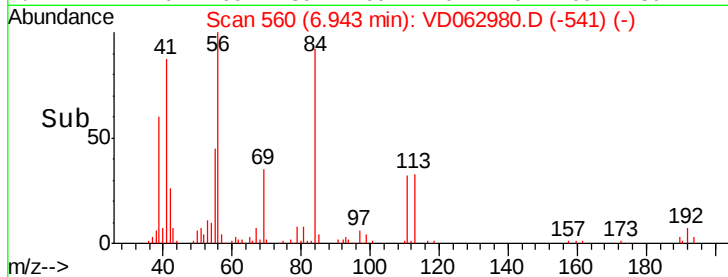
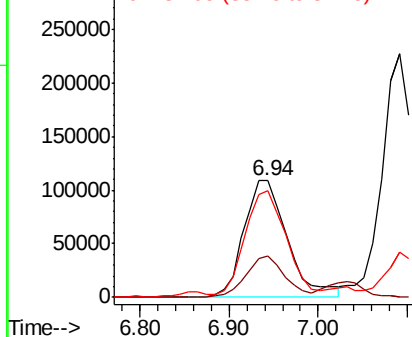
#31
Cyclohexane
Concen: 45.738 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 368175
Ion Ratio Lower Upper
56 100
69 35.2 26.6 39.8
84 91.7 75.5 113.3

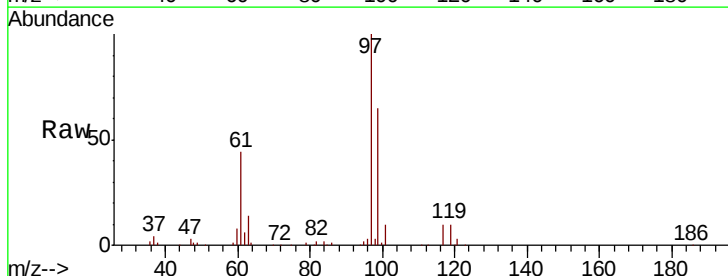


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

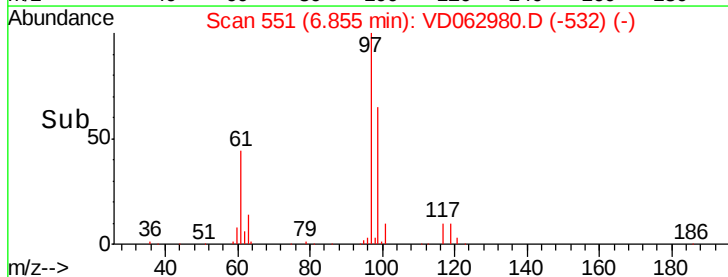
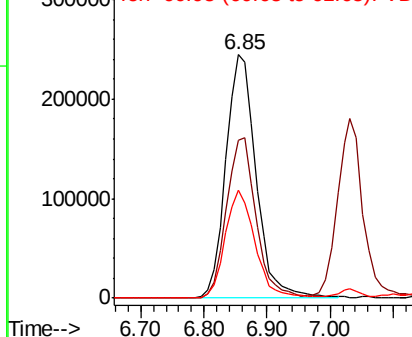


#32
1,1,1-Trichloroethane
Concen: 52.229 ug/l
RT: 6.85 min Scan# 551
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 97 Resp: 810104
Ion Ratio Lower Upper
97 100
99 64.7 47.4 71.2
61 44.2 37.2 55.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 50.726 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

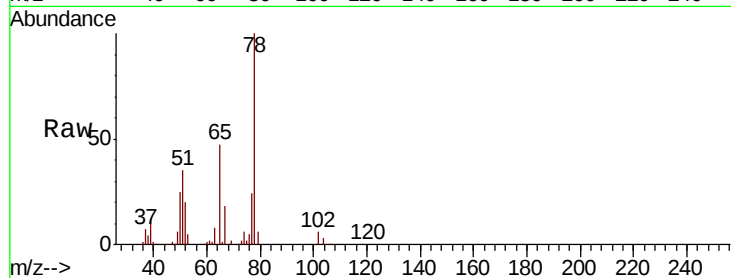
VSTDCCC050

Tot Ion: 65 Resp: 434824

Ion Ratio Lower Upper

65 100

67 38.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

150000

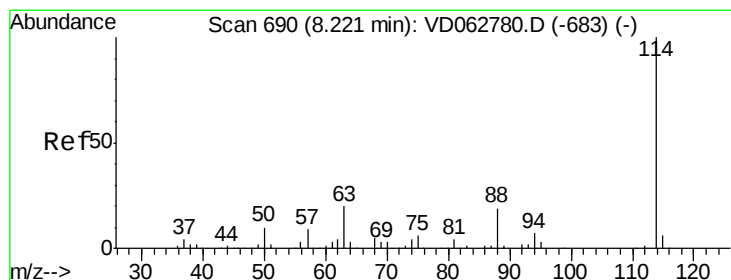
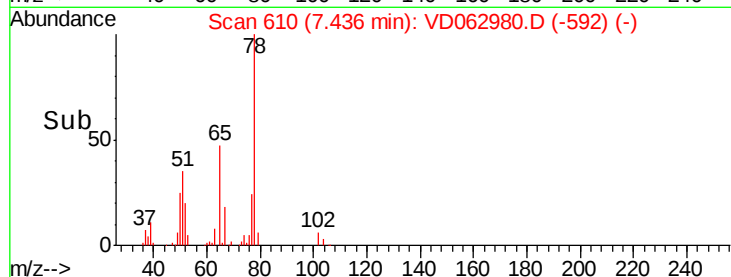
100000

50000

0

Time-->

7.30 7.40 7.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

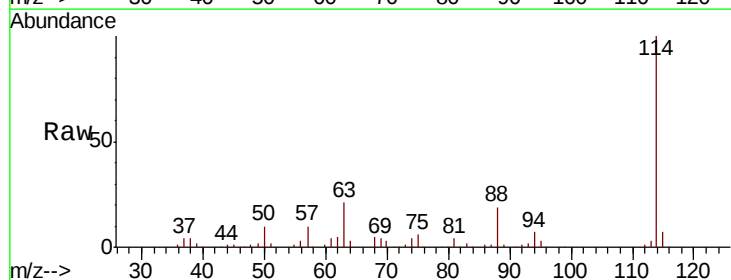
Tgt Ion: 114 Resp: 1037572

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 18.7 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.20

500000

400000

300000

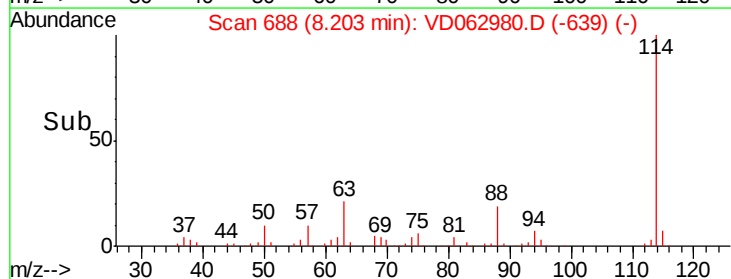
200000

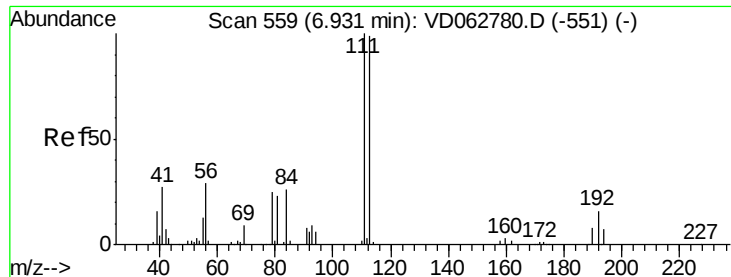
100000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 47.251 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

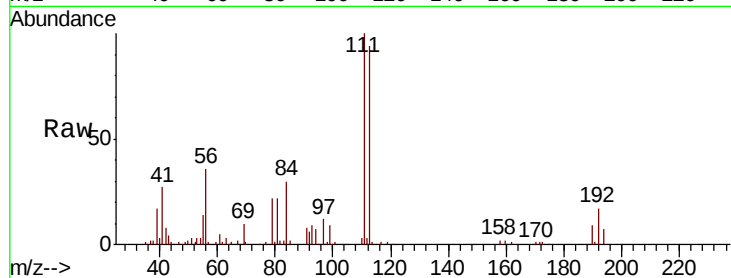
Tot Ion:113 Resp: 413384

Ion Ratio Lower Upper

113 100

111 106.0 81.2 121.8

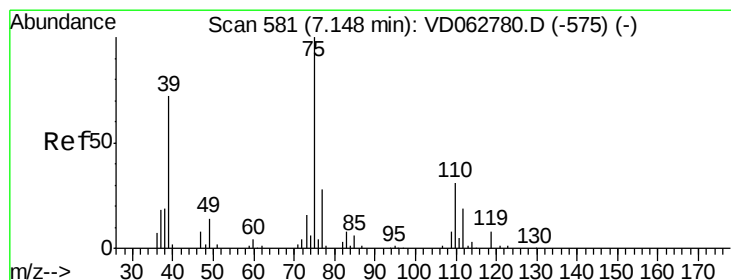
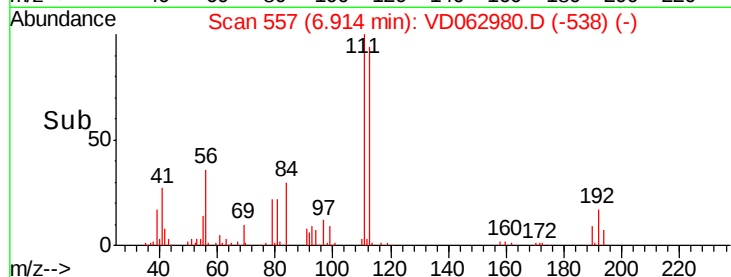
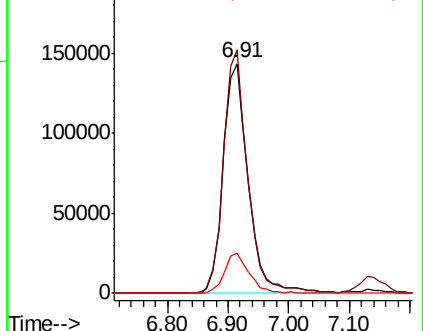
192 17.6 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 49.642 ug/l

RT: 7.13 min Scan# 579

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

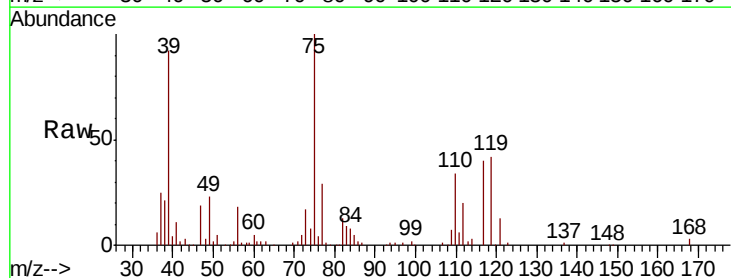
Tgt Ion: 75 Resp: 487584

Ion Ratio Lower Upper

75 100

110 33.6 15.0 45.1

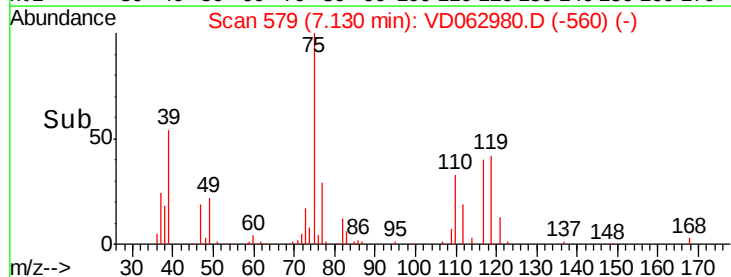
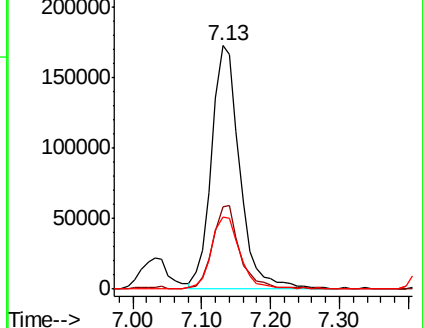
77 29.4 22.2 33.2

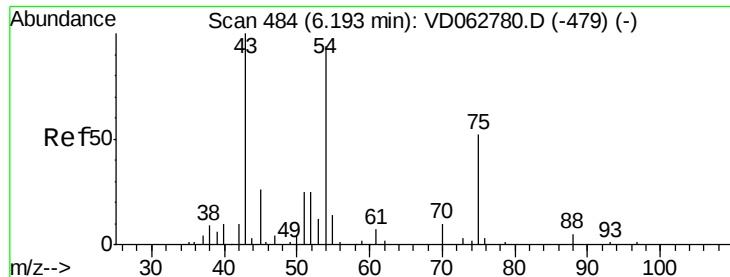


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

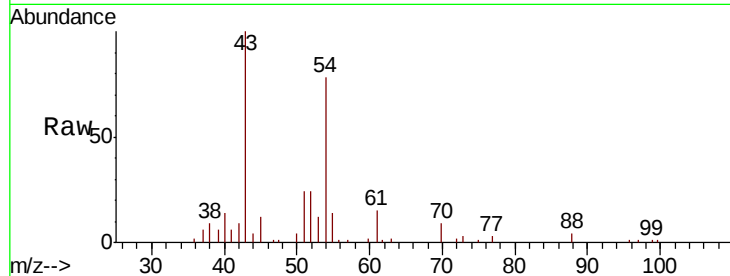




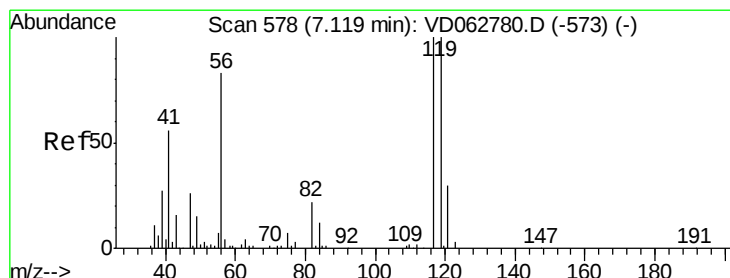
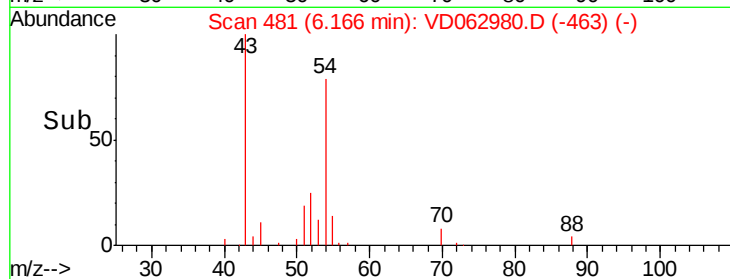
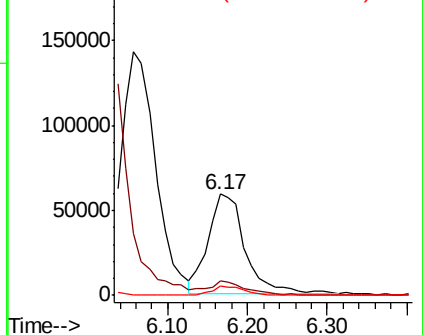
#37
Ethyl Acetate
Concen: 46.556 ug/l
RT: 6.17 min Scan# 481
Delta R.T. -0.03 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 192403
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 8.8 6.4 9.6

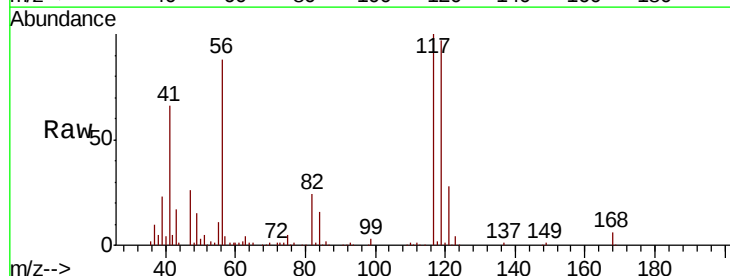


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

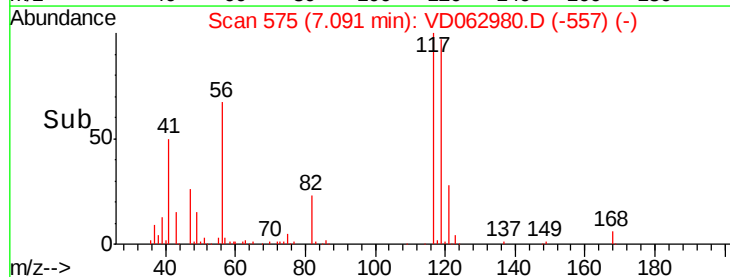
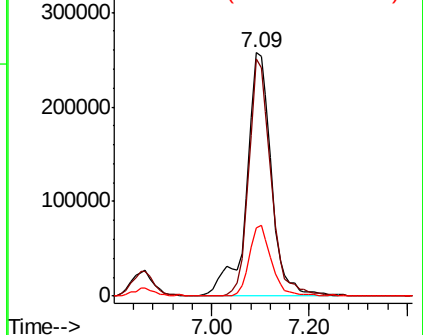


#38
Carbon Tetrachloride
Concen: 60.916 ug/l
RT: 7.09 min Scan# 575
Delta R.T. -0.03 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 117 Resp: 899855
Ion Ratio Lower Upper
117 100
119 97.4 75.4 113.2
121 28.1 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#39

Methvlcvclohexane

Concen: 50.954 ug/l

RT: 8.85 min Scan# 754

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

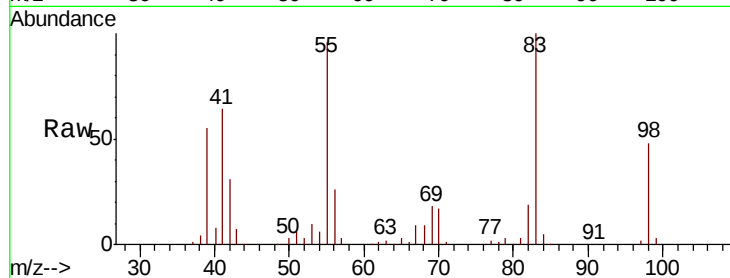
Tot Ion: 83 Resp: 440538

Ion Ratio Lower Upper

83 100

55 96.0 76.6 115.0

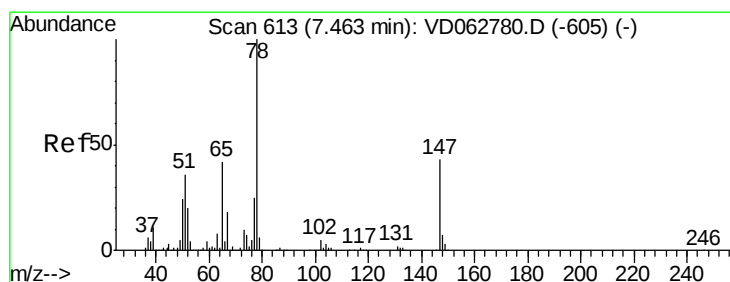
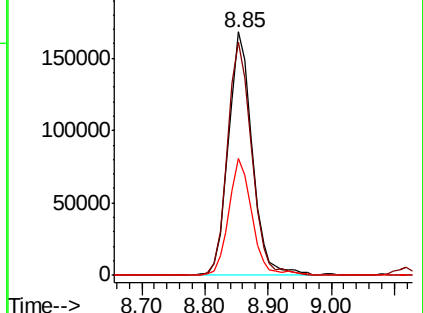
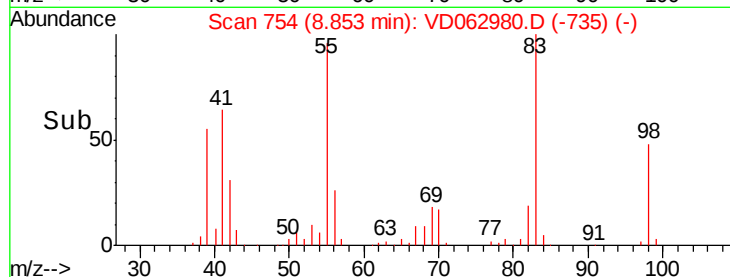
98 47.8 35.7 53.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 52.243 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062980.D

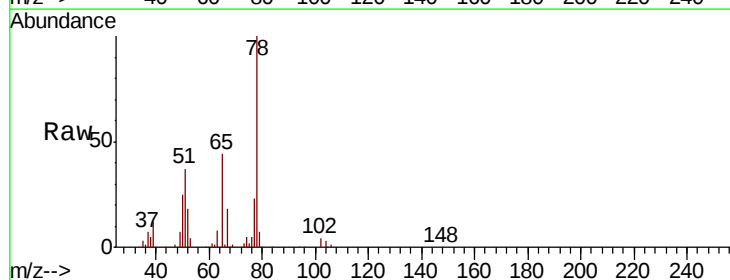
Acq: 1 Jul 2019 10:08

Tgt Ion: 78 Resp: 1030020

Ion Ratio Lower Upper

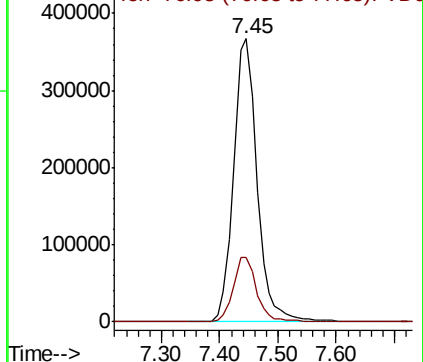
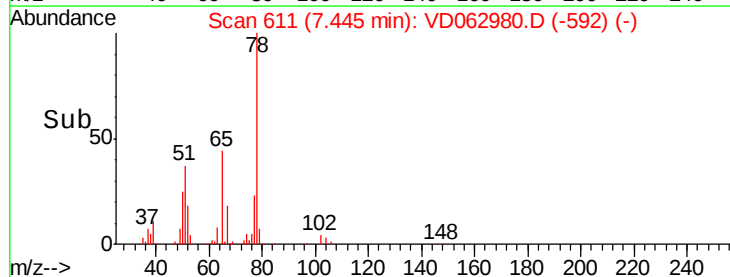
78 100

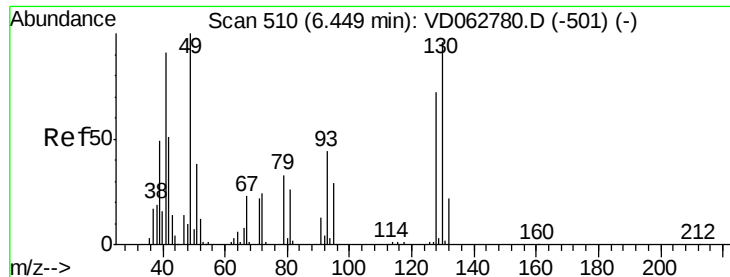
77 22.9 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

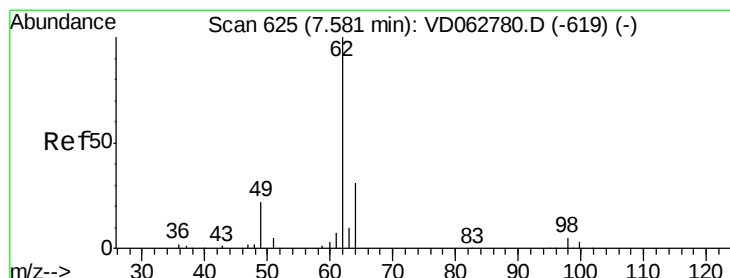
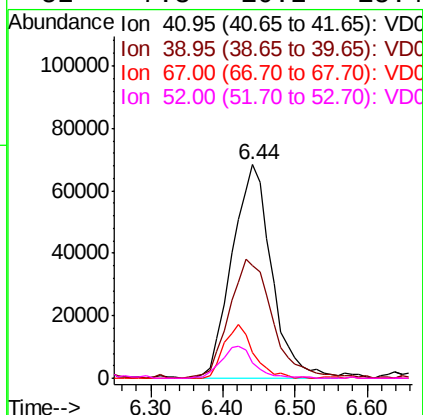
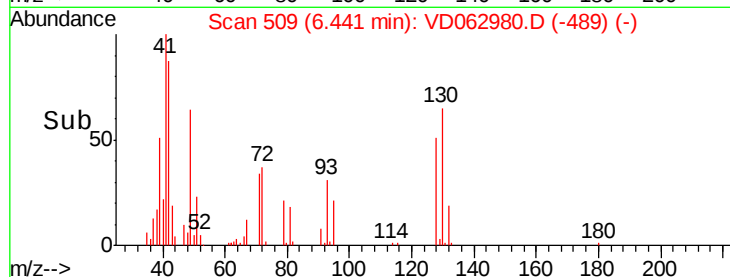
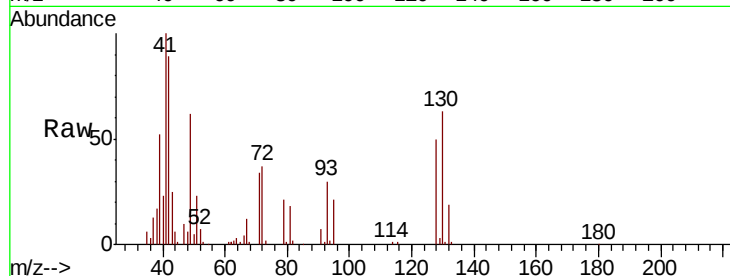




#41
Methacrylonitrile
Concen: 50.517 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

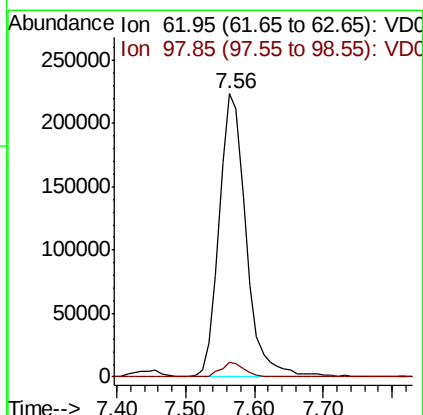
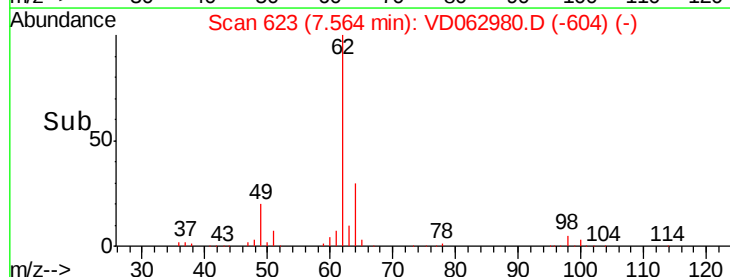
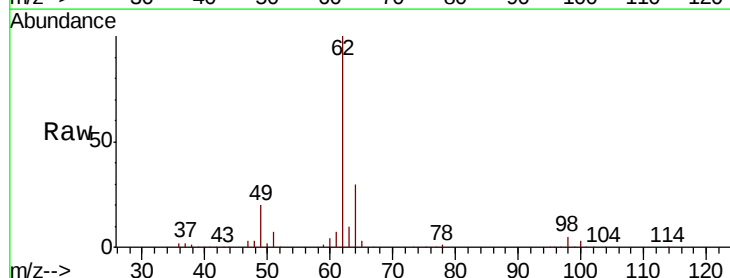
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

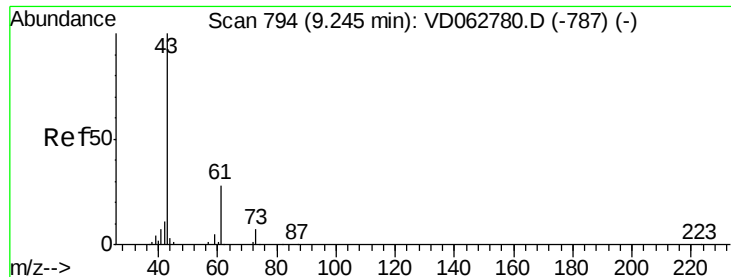
Tot Ion: 41 Resp: 261667
Ion Ratio Lower Upper
41 100
39 52.5 43.2 64.8
67 11.8 19.9 29.9#
52 7.3 10.2 15.4#



#42
1,2-Dichloroethane
Concen: 56.285 ug/l
RT: 7.56 min Scan# 623
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 62 Resp: 605375
Ion Ratio Lower Upper
62 100
98 4.9 0.0 10.0





#43

Isopropyl Acetate

Concen: 51.716 ug/l

RT: 9.24 min Scan# 793

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

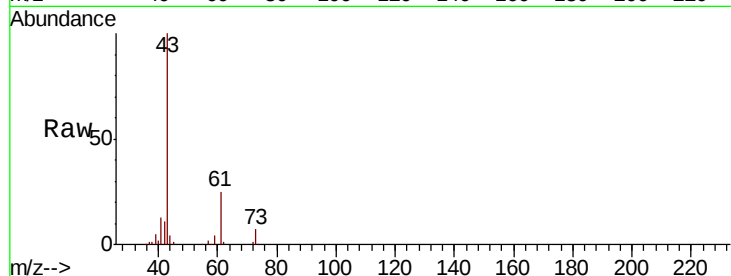
Tot Ion: 43 Resp: 266304

Ion Ratio Lower Upper

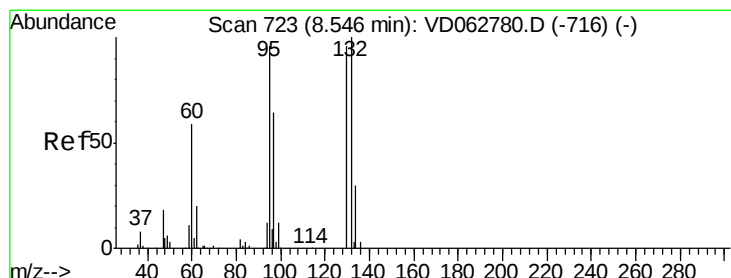
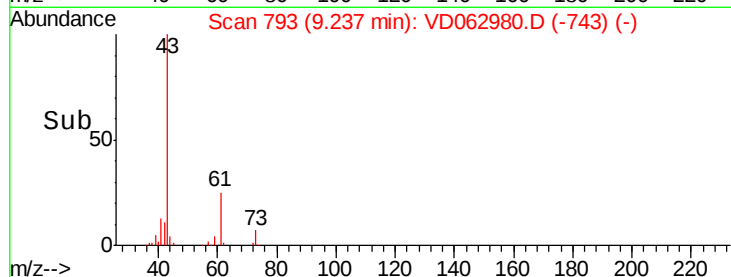
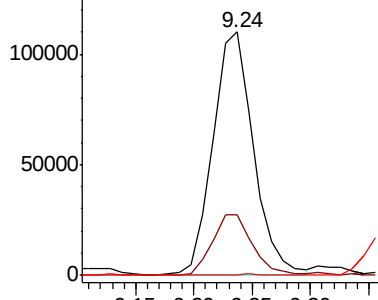
43 100

61 24.7 22.4 33.6

87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 54.297 ug/l

RT: 8.53 min Scan# 721

Delta R.T. -0.02 min

Lab File: VD062980.D

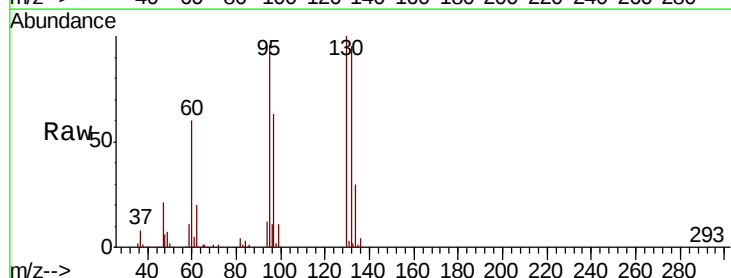
Acq: 1 Jul 2019 10:08

Tgt Ion:130 Resp: 419689

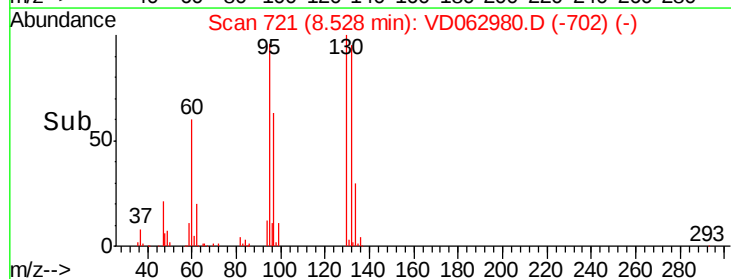
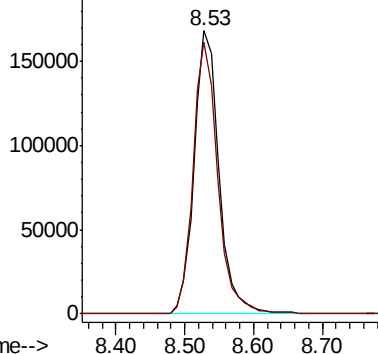
Ion Ratio Lower Upper

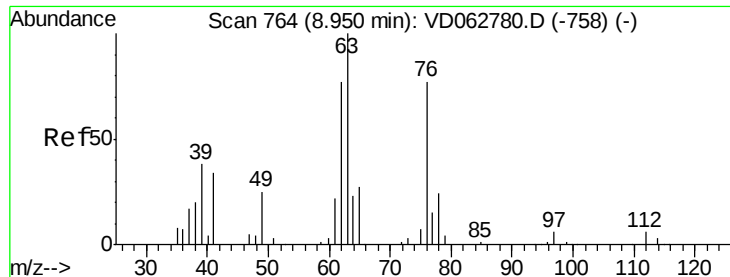
130 100

95 96.3 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.466 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

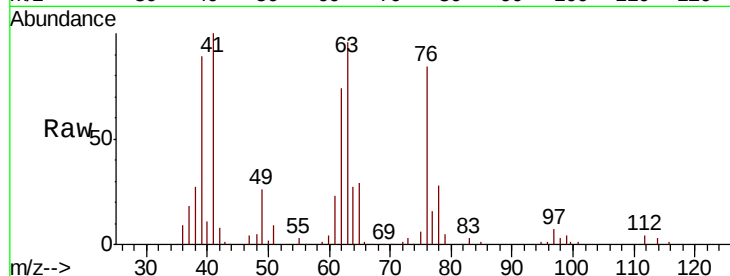
VSTDCCC050

Tot Ion: 63 Resp: 232701

Ion Ratio Lower Upper

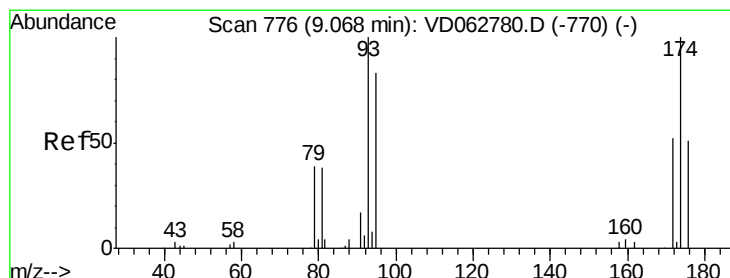
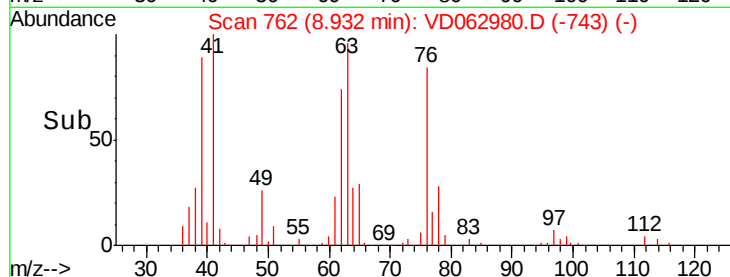
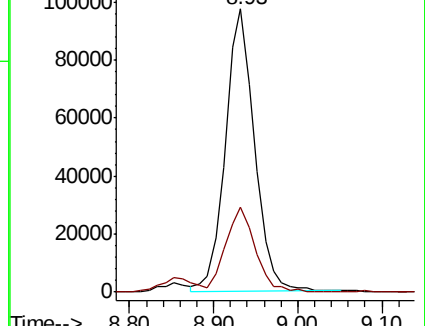
63 100

65 30.1 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 55.341 ug/l

RT: 9.05 min Scan# 774

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

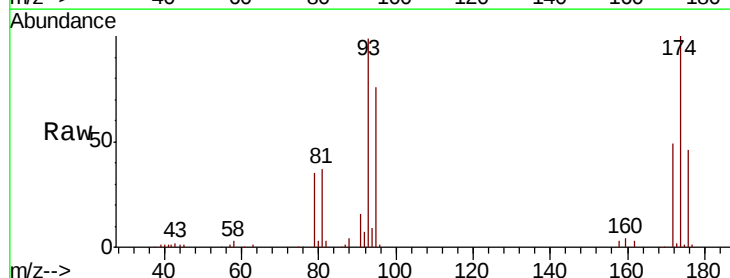
Tgt Ion: 93 Resp: 233057

Ion Ratio Lower Upper

93 100

95 77.2 66.6 100.0

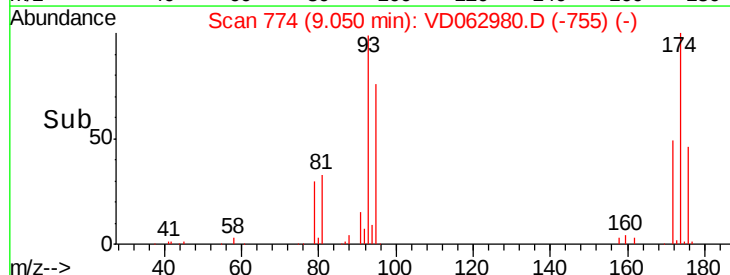
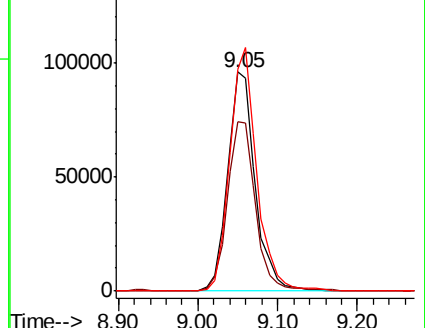
174 101.4 79.7 119.5

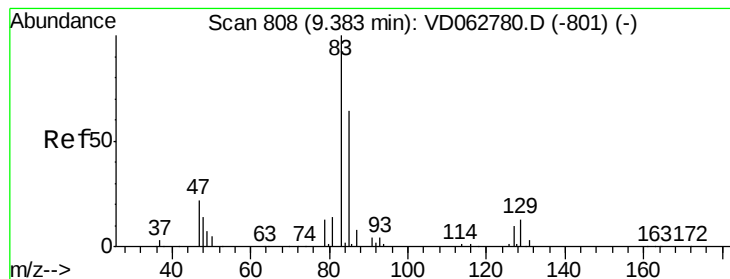


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 56.747 ug/l

RT: 9.37 min Scan# 806

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

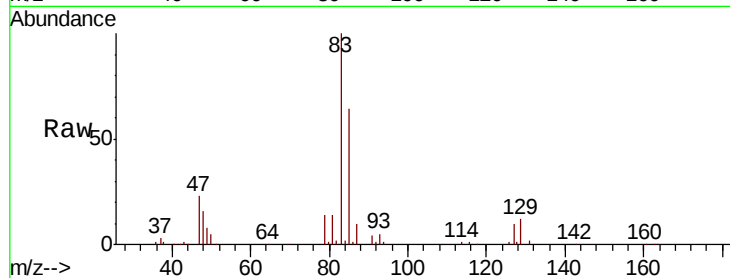
Tot Ion: 83 Resp: 620652

Ion Ratio Lower Upper

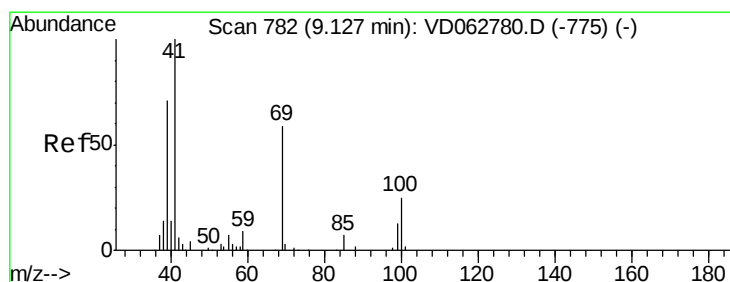
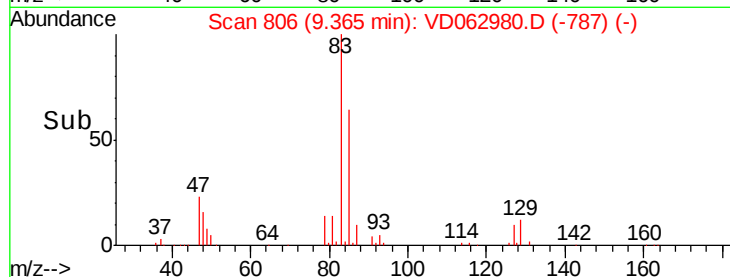
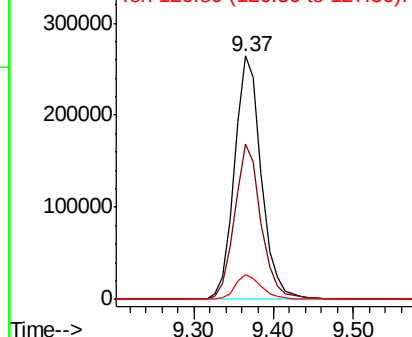
83 100

85 63.9 51.6 77.4

127 10.1 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 53.436 ug/l

RT: 9.11 min Scan# 780

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

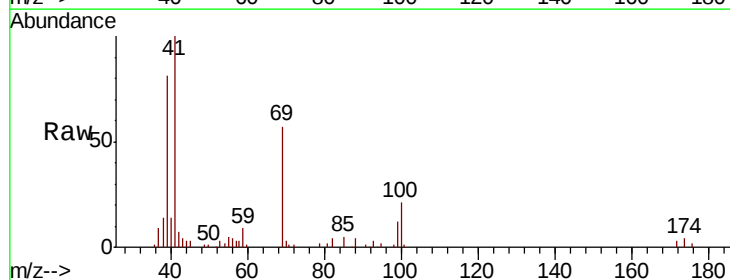
Tgt Ion: 41 Resp: 195539

Ion Ratio Lower Upper

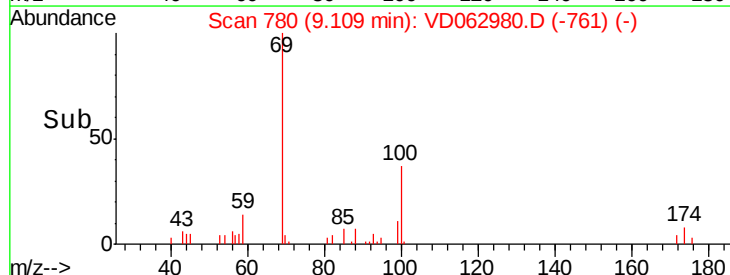
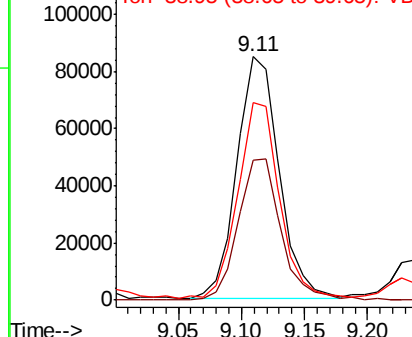
41 100

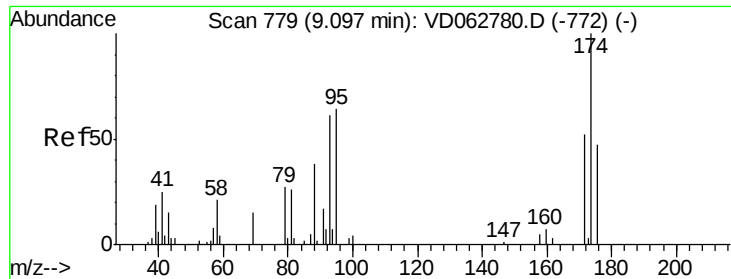
69 57.4 47.2 70.8

39 81.4 57.4 86.2



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 1072.683 ug/l

RT: 9.08 min Scan# 777

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

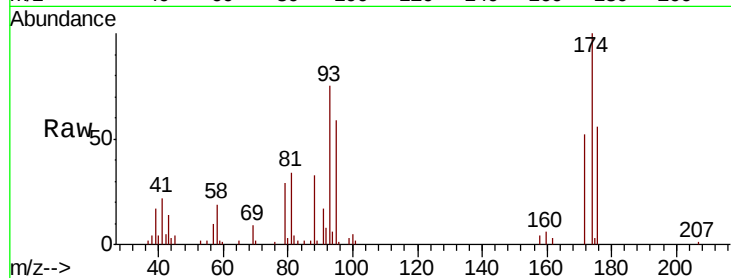
Tot Ion: 88 Resp: 32657

Ion Ratio Lower Upper

88 100

43 43.4 32.1 48.1

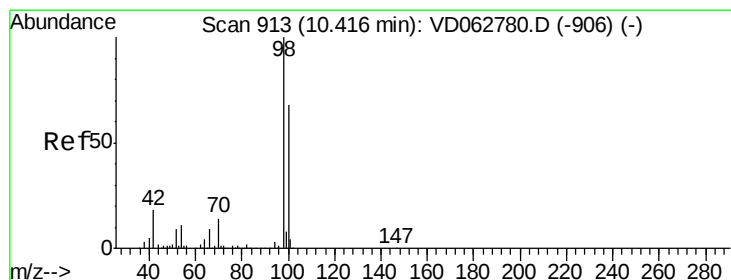
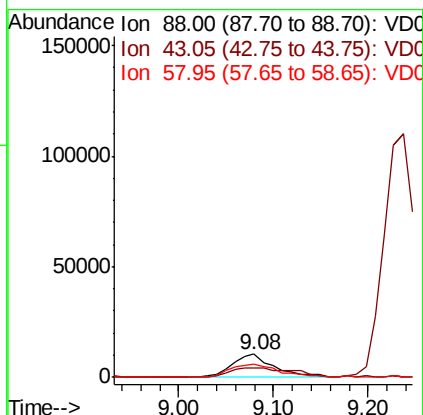
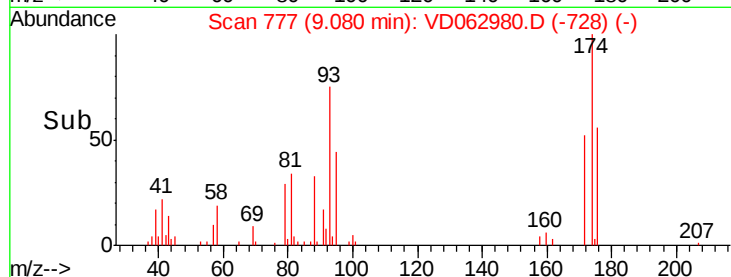
58 59.2 44.1 66.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 48.430 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062980.D

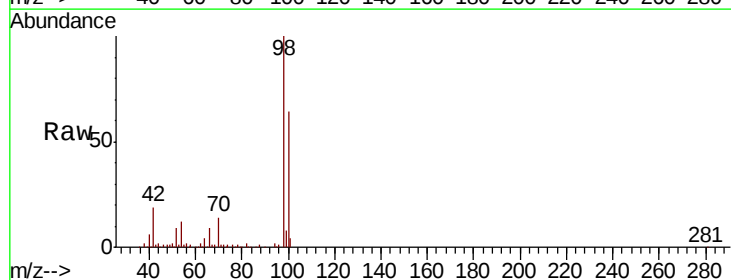
Acq: 1 Jul 2019 10:08

Tgt Ion: 98 Resp: 922177

Ion Ratio Lower Upper

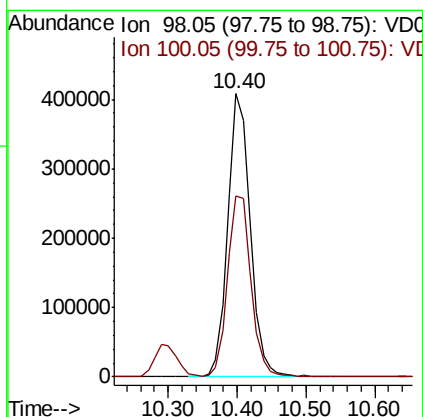
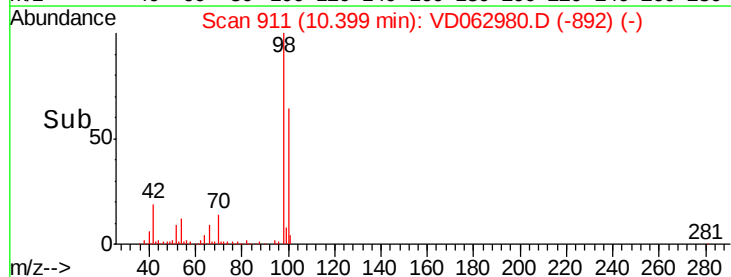
98 100

100 64.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 289.806 ug/l

RT: 10.29 min Scan# 900

Delta R.T. -0.02 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleID :

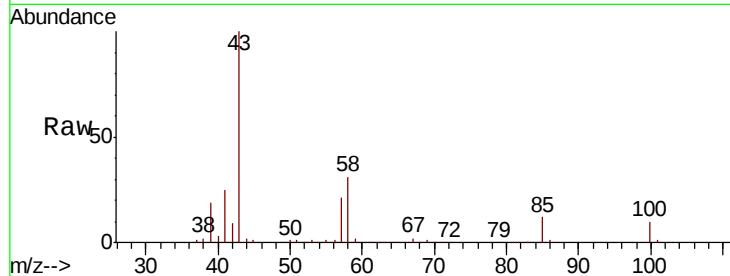
VSTDCCC050

Tot Ion: 43 Resp: 1058049

Ion Ratio Lower Upper

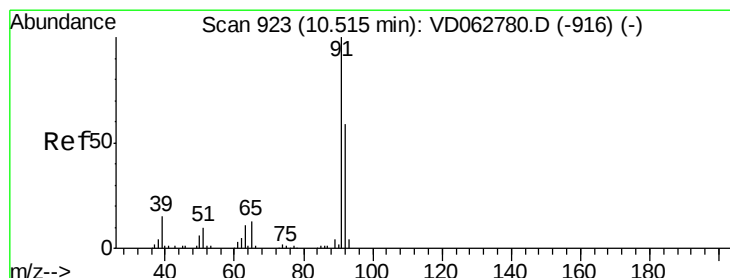
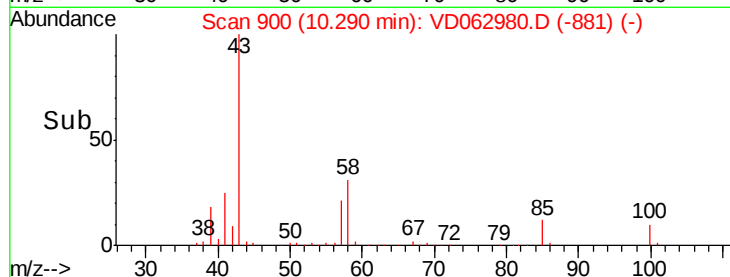
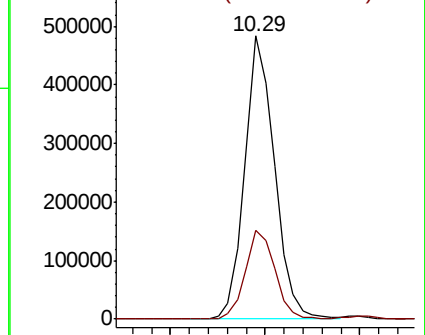
43 100

58 31.5 26.6 40.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 53.729 ug/l

RT: 10.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD062980.D

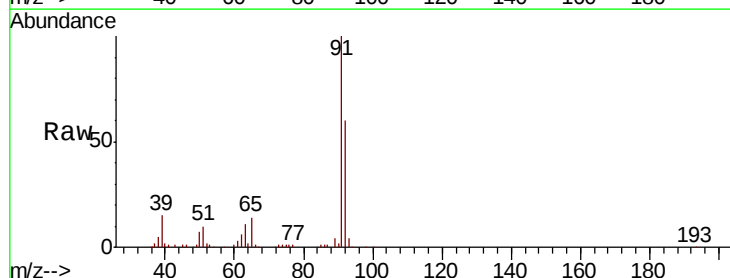
Acq: 1 Jul 2019 10:08

Tgt Ion: 92 Resp: 712081

Ion Ratio Lower Upper

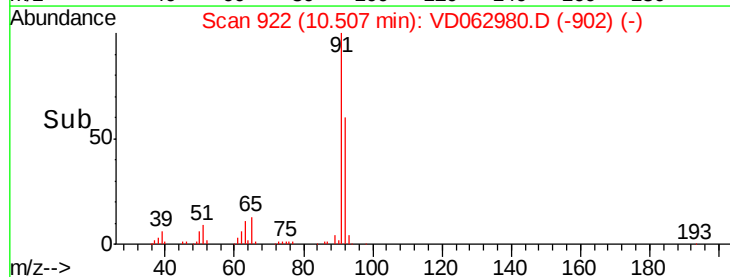
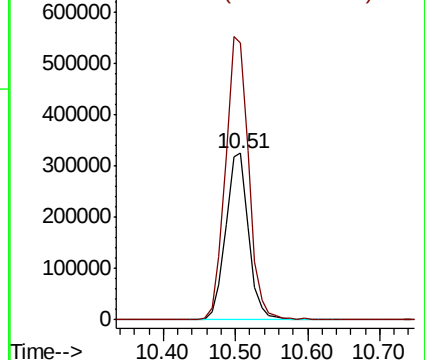
92 100

91 165.8 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

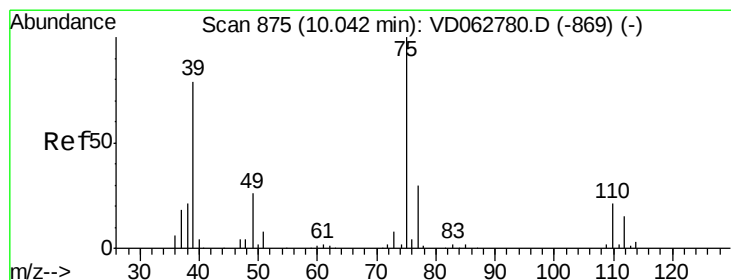
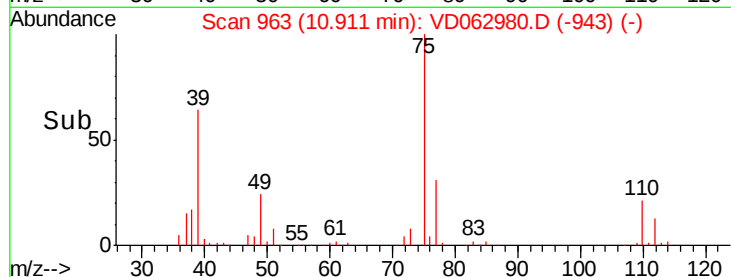
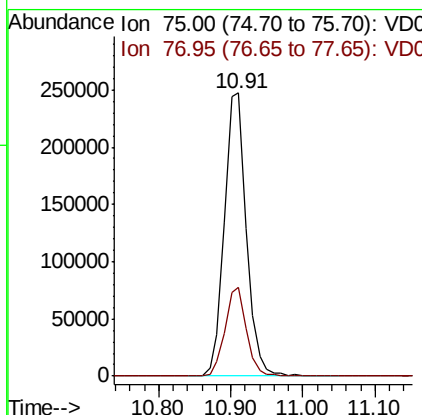
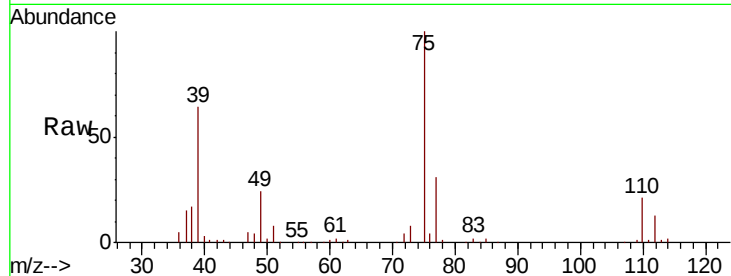




#53
 t-1,3-Dichloropropene
 Concen: 58.383 ug/l
 RT: 10.91 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

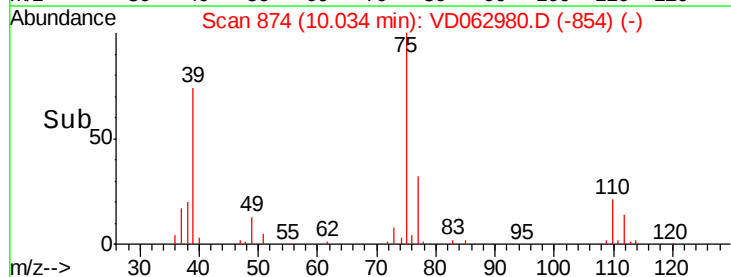
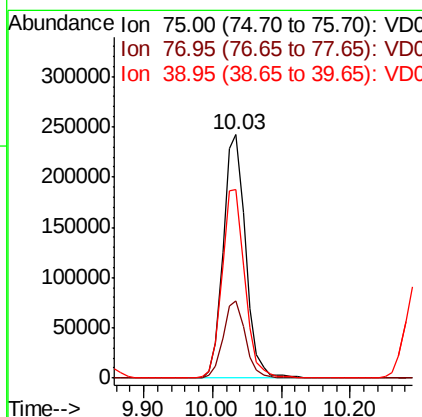
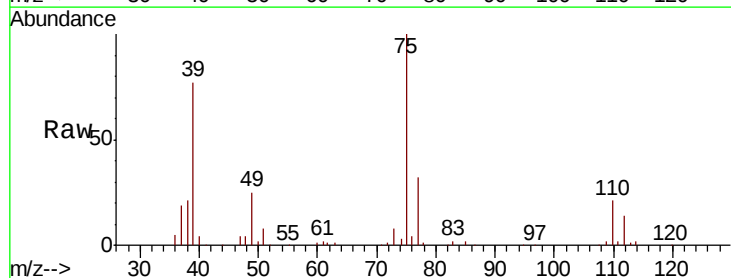
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

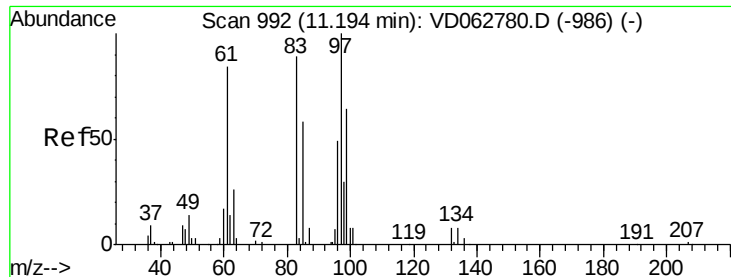
Tot Ion: 75 Resp: 522644
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.2 34.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.684 ug/l
 RT: 10.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion: 75 Resp: 541812
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.2
 39 77.5 63.5 95.3





#55

1,1,2-Trichloroethane

Concen: 52.618 ug/l

RT: 11.19 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 239585

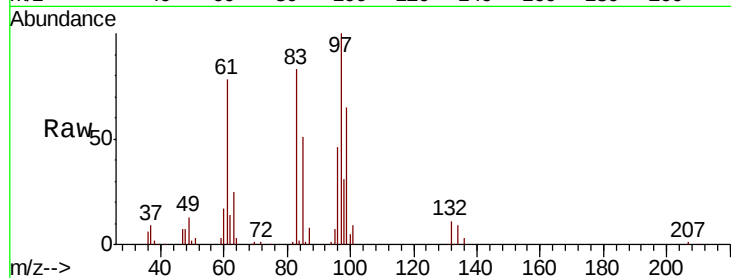
Ion Ratio Lower Upper

97 100

83 82.8 71.0 106.4

85 51.0 46.6 69.8

99 64.9 51.4 77.0

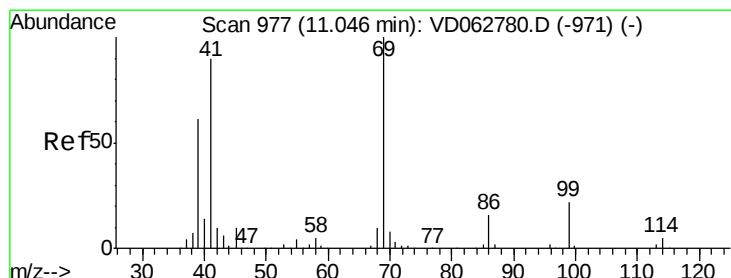
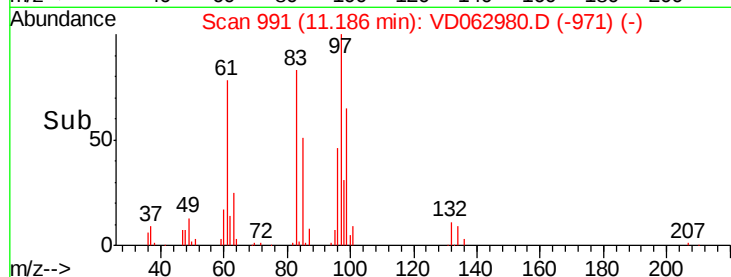
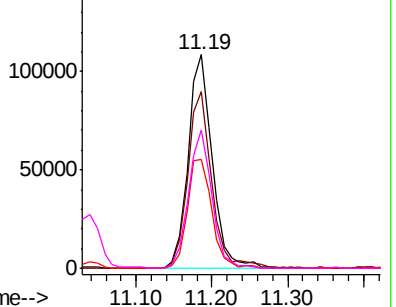


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 52.528 ug/l

RT: 11.04 min Scan# 976

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

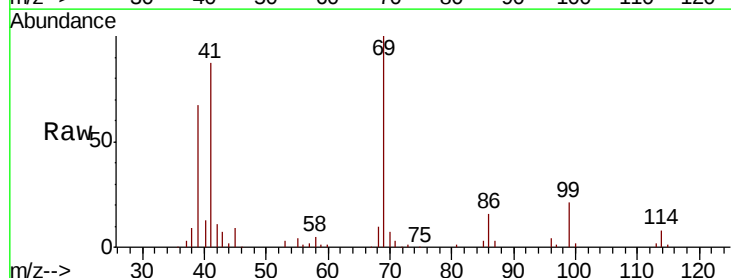
Tgt Ion: 69 Resp: 255604

Ion Ratio Lower Upper

69 100

41 87.2 72.0 108.0

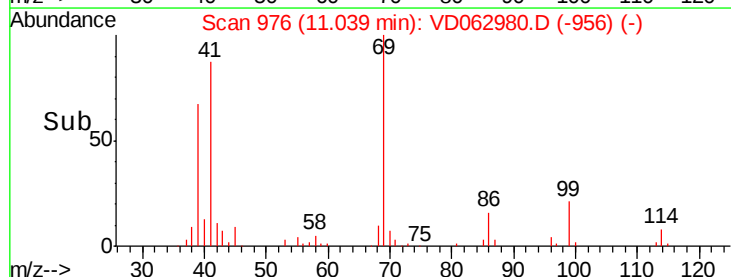
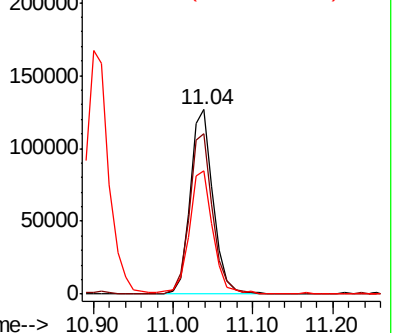
39 66.9 49.5 74.3

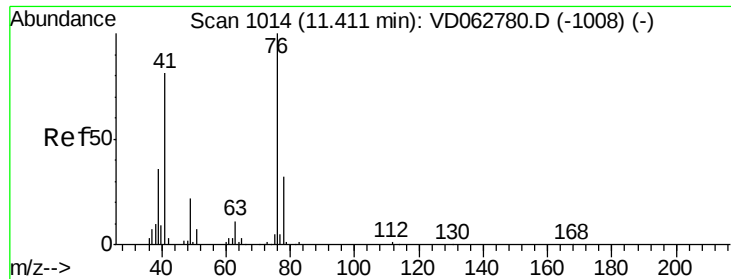


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

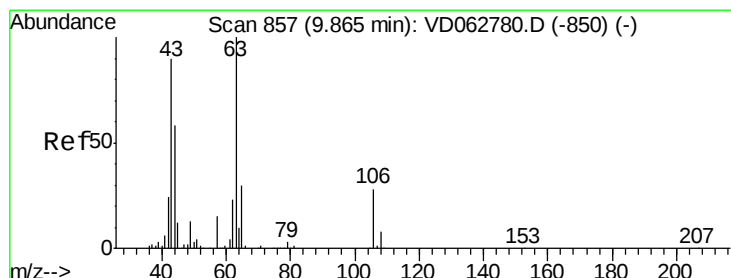
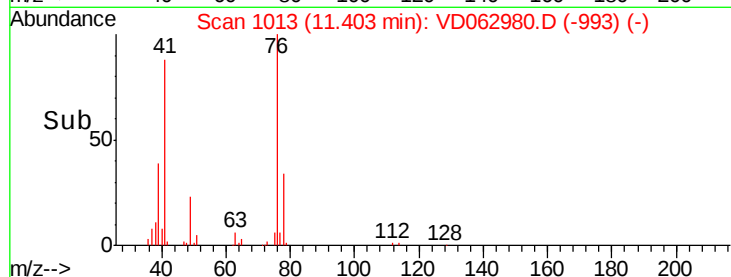
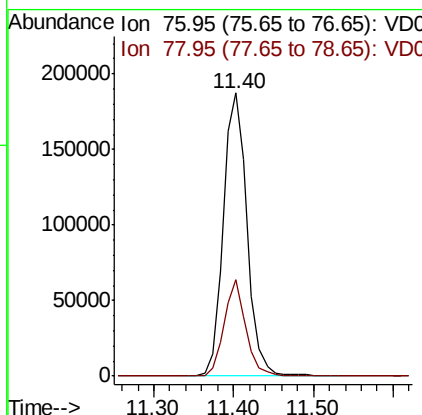
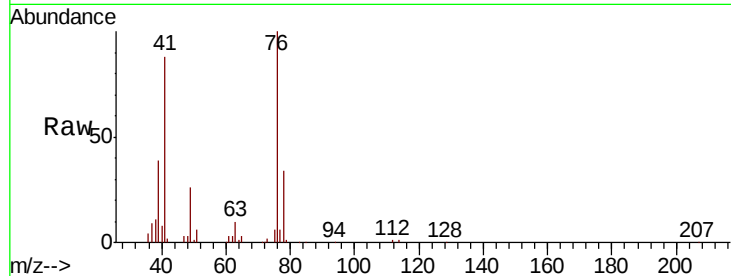




#57
 1,3-Dichloropropane
 Concen: 56.155 ug/l
 RT: 11.40 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

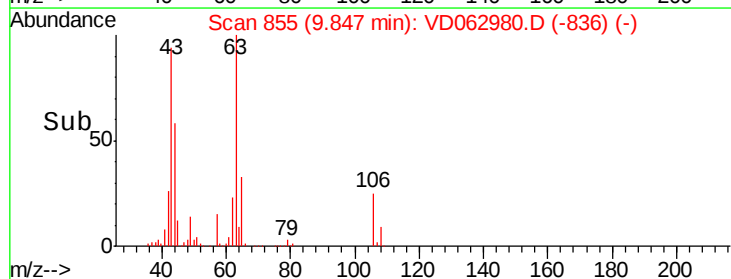
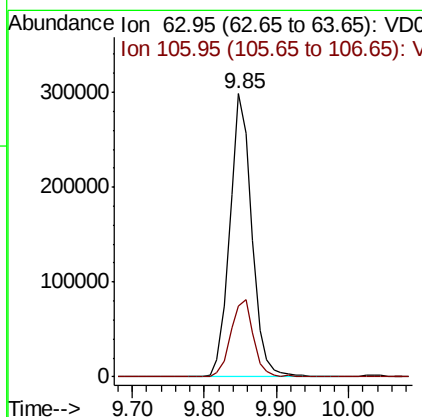
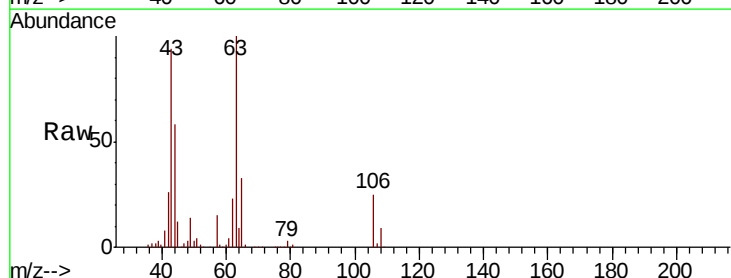
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

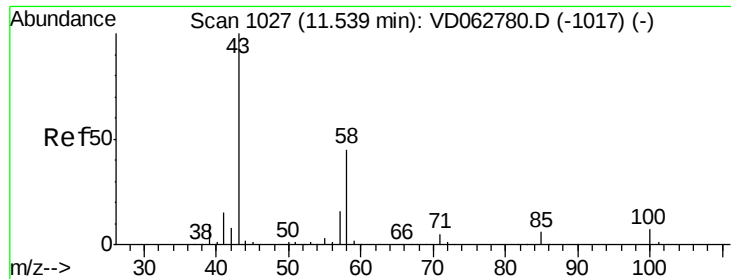
Tot Ion: 76 Resp: 391499
 Ion Ratio Lower Upper
 76 100
 78 34.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.053 ug/l
 RT: 9.85 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion: 63 Resp: 634659
 Ion Ratio Lower Upper
 63 100
 106 25.0 22.1 33.1

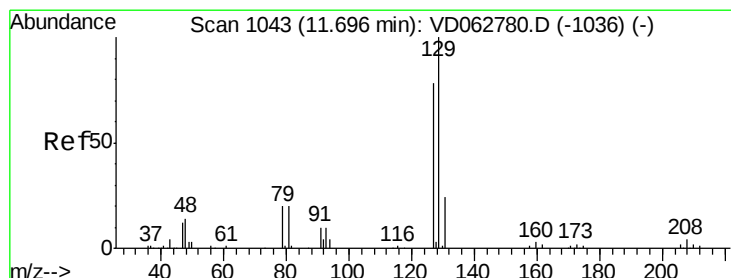
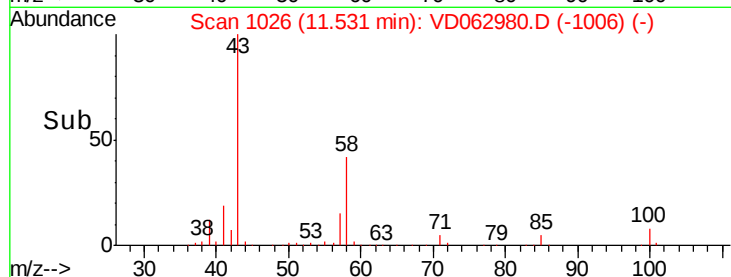
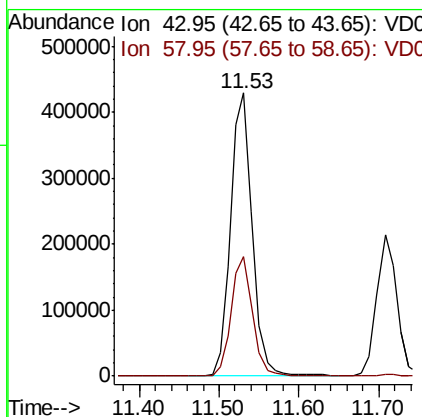
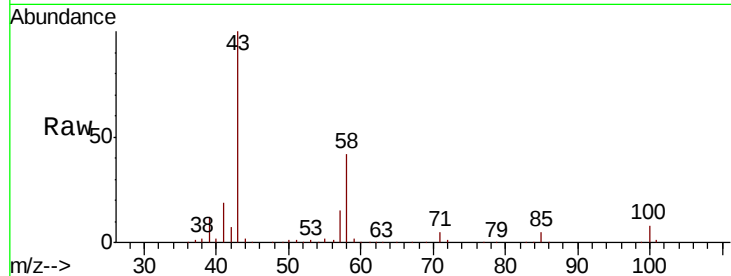




#59
2-Hexanone
Concen: 315.839 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

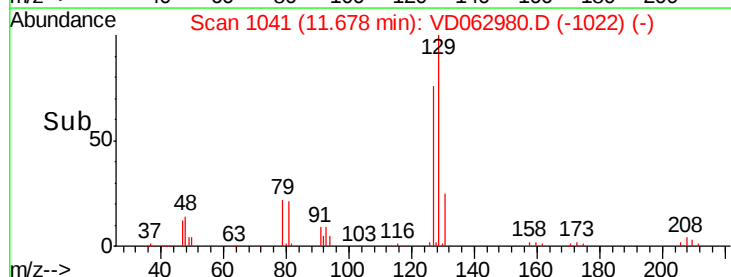
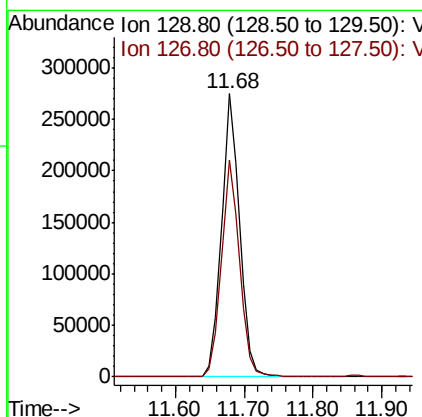
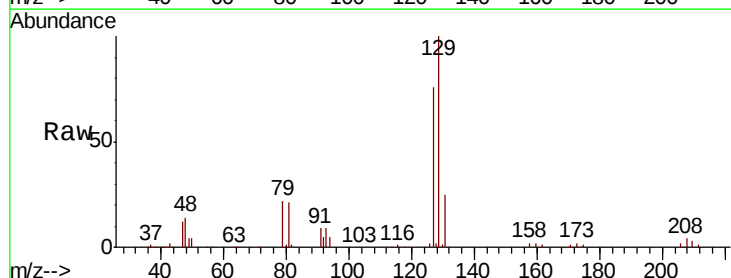
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

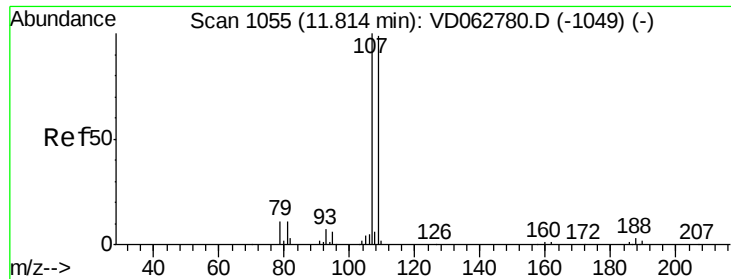
Tot Ion: 43 Resp: 821221
Ion Ratio Lower Upper
43 100
58 42.1 22.4 67.2



#60
Dibromochloromethane
Concen: 58.987 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 129 Resp: 500273
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6

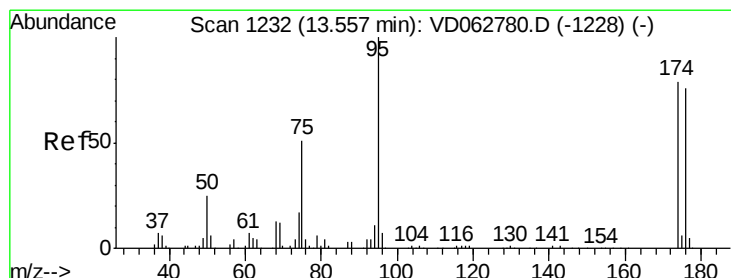
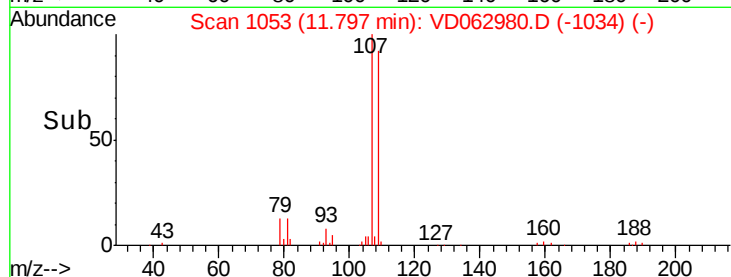
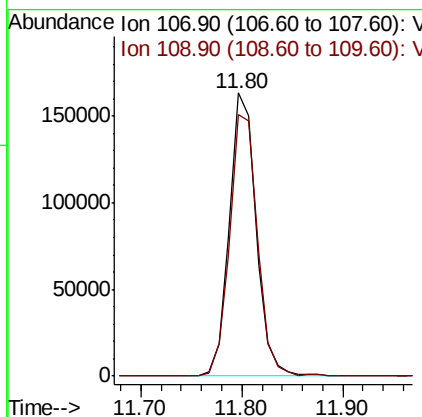
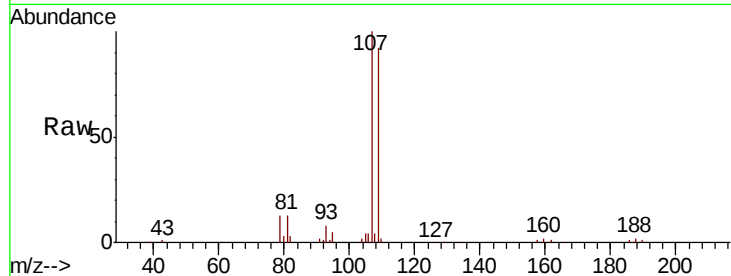




#61
 1,2-Dibromoethane
 Concen: 55.567 ug/l
 RT: 11.80 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

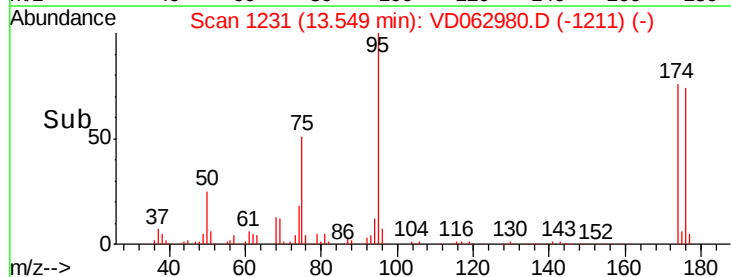
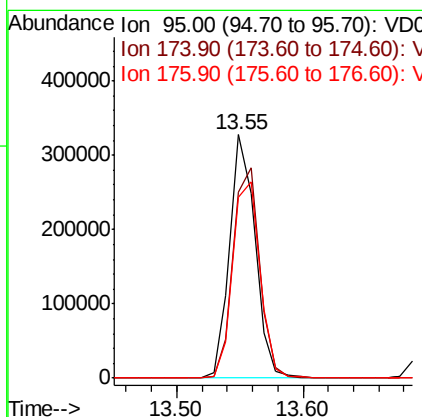
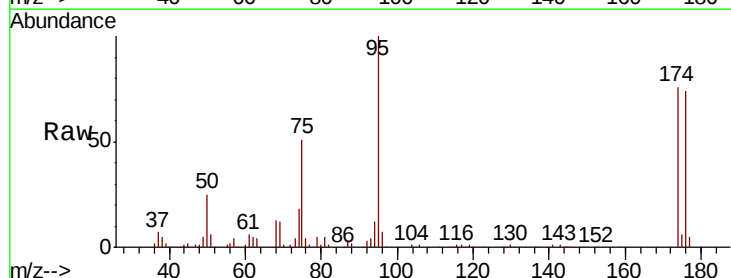
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

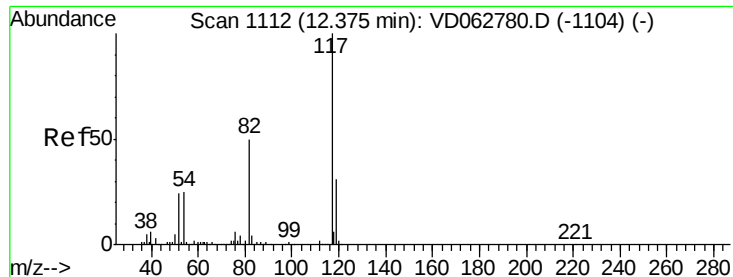
Tot Ion:107 Resp: 298820
 Ion Ratio Lower Upper
 107 100
 109 92.4 79.3 118.9



#62
 4-Bromofluorobenzene
 Concen: 52.660 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion: 95 Resp: 455939
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 158.0
 176 74.2 0.0 151.6

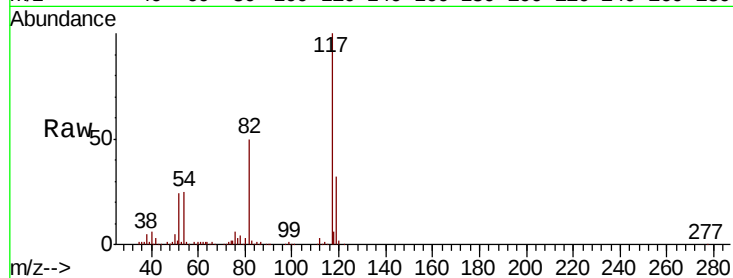




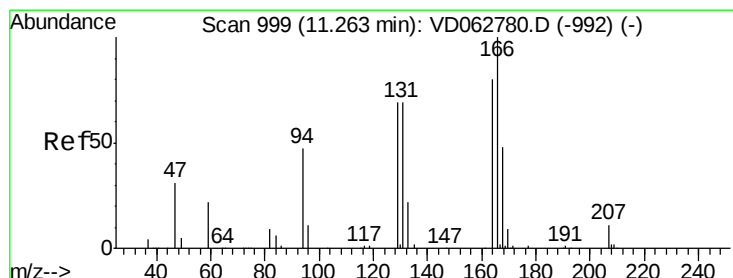
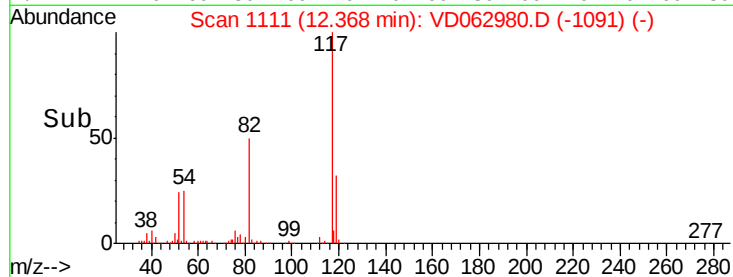
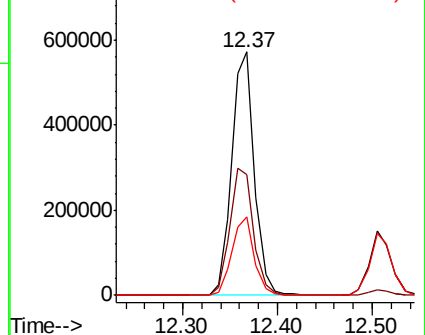
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 947770
Ion Ratio Lower Upper
117 100
82 49.6 40.4 60.6
119 32.1 25.2 37.8

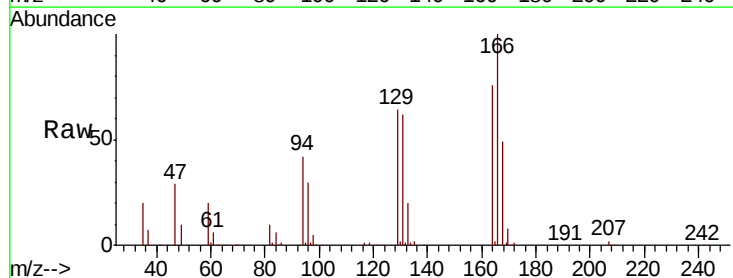


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

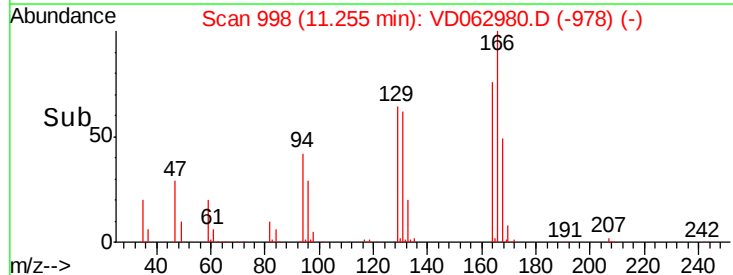
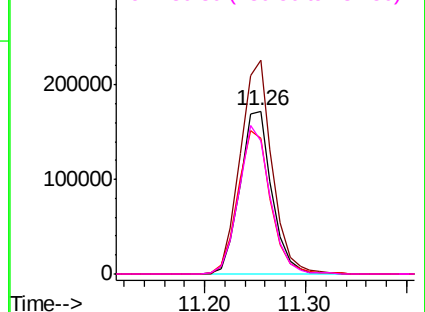


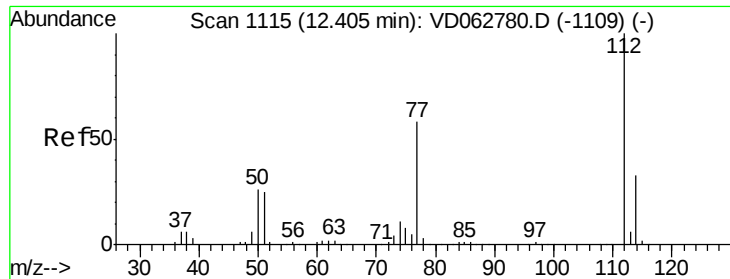
#64
Tetrachloroethene
Concen: 48.353 ug/l
RT: 11.26 min Scan# 998
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion:164 Resp: 377175
Ion Ratio Lower Upper
164 100
166 131.1 100.6 150.8
129 83.4 69.4 104.0
131 81.3 69.3 103.9



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

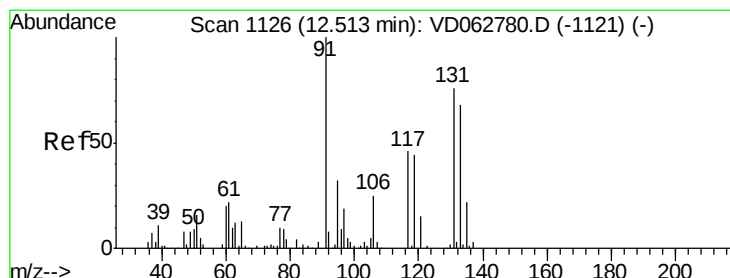
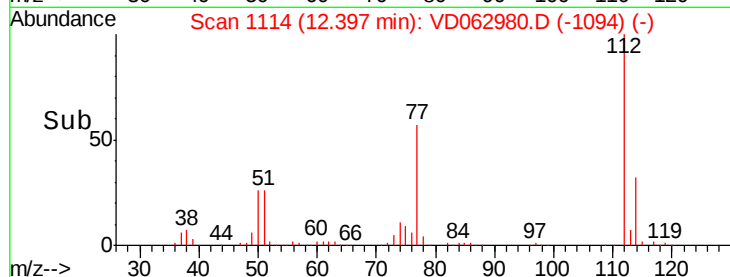
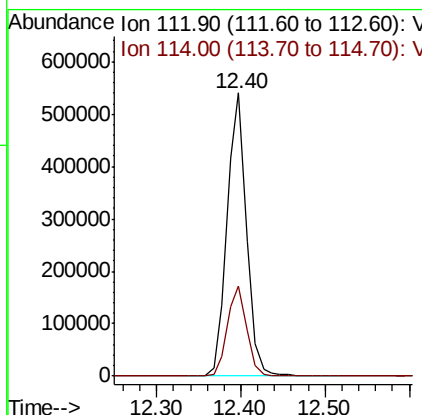
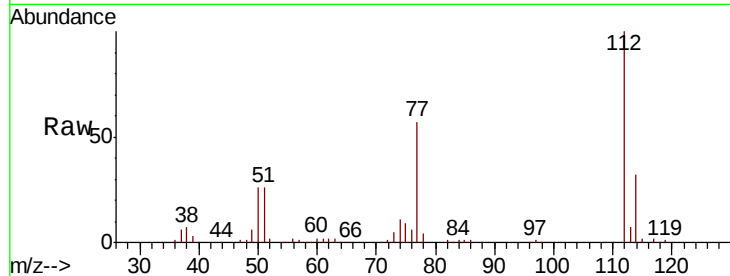




#65
Chlorobenzene
Concen: 48.885 ug/l
RT: 12.40 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

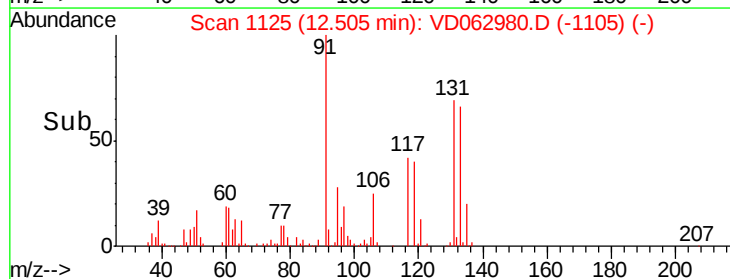
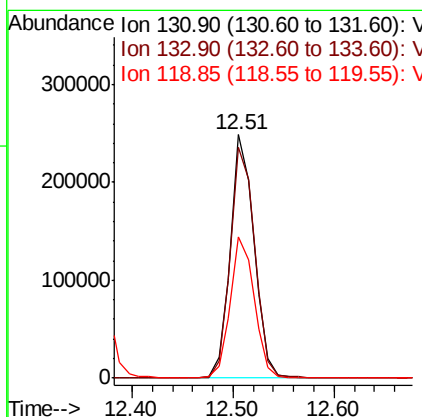
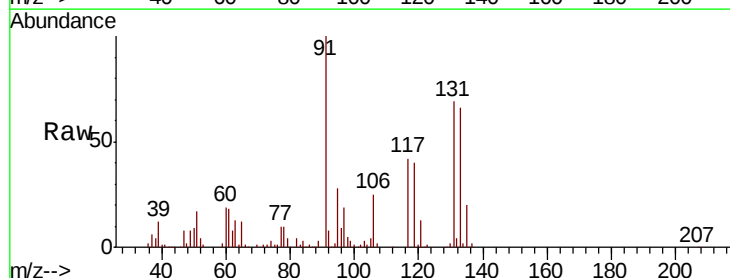
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

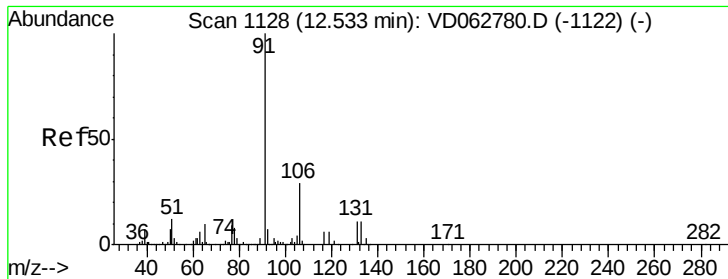
Tot Ion:112 Resp: 859875
Ion Ratio Lower Upper
112 100
114 31.7 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.226 ug/l
RT: 12.51 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion:131 Resp: 404925
Ion Ratio Lower Upper
131 100
133 94.7 44.5 133.3
119 58.0 28.6 85.9





#67

Ethyl Benzene

Concen: 47.368 ug/l

RT: 12.53 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

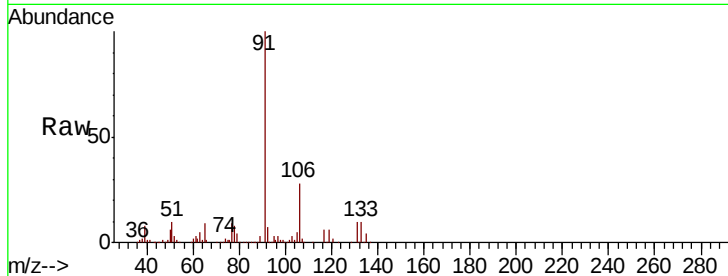
VSTDCCC050

Tot Ion: 91 Resp: 1495890

Ion Ratio Lower Upper

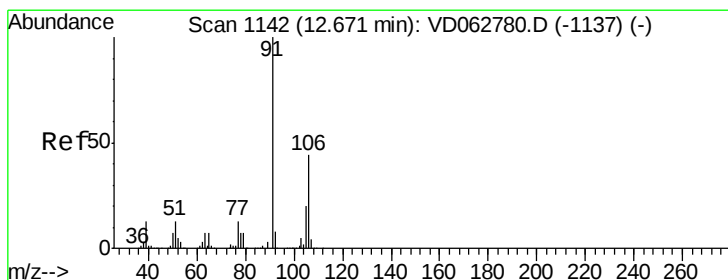
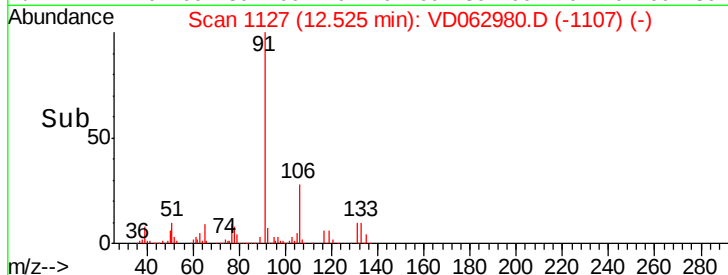
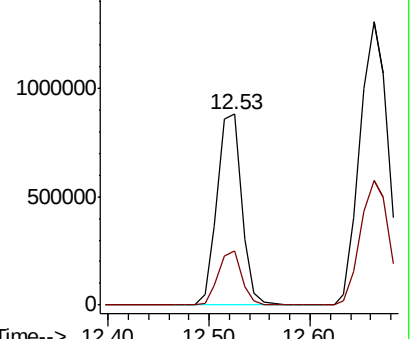
91 100

106 28.4 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.05 (105.75 to 106.75): VDC



#68

m/p-Xylenes

Concen: 103.455 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VD062980.D

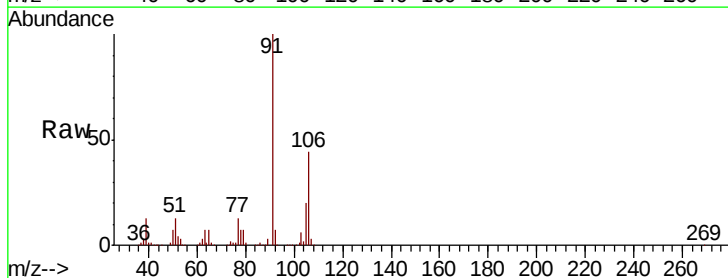
Acq: 1 Jul 2019 10:08

Tgt Ion: 106 Resp: 1137904

Ion Ratio Lower Upper

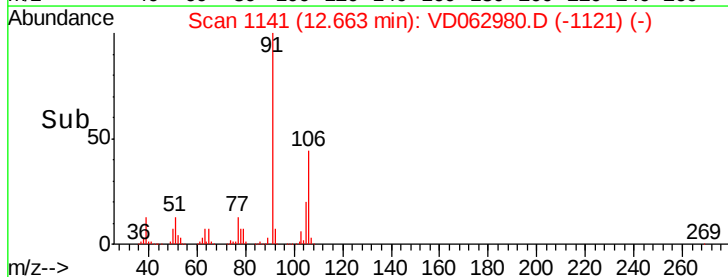
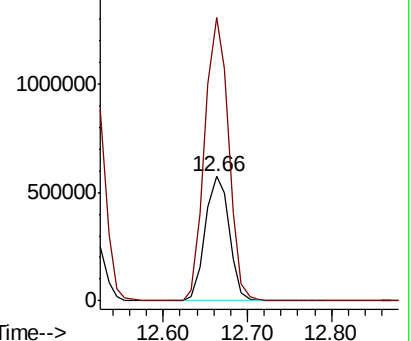
106 100

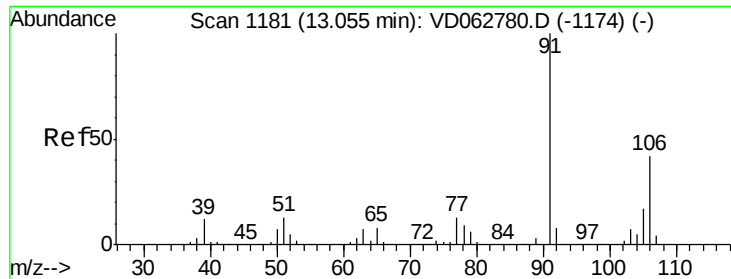
91 227.2 183.0 274.6



Abundance Ion 106.05 (105.75 to 106.75): VDC

Ion 91.00 (90.70 to 91.70): VDC

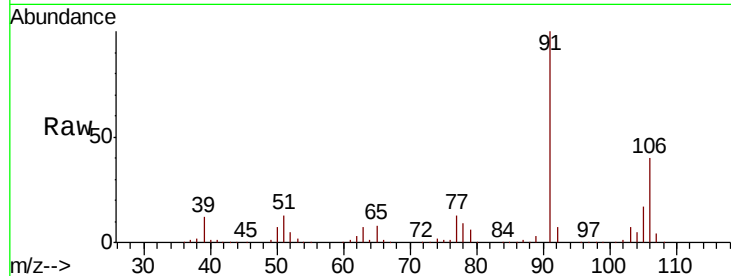




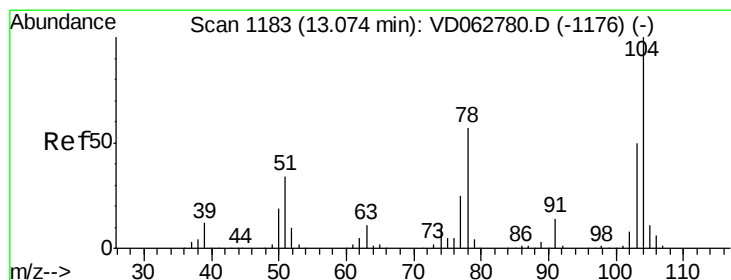
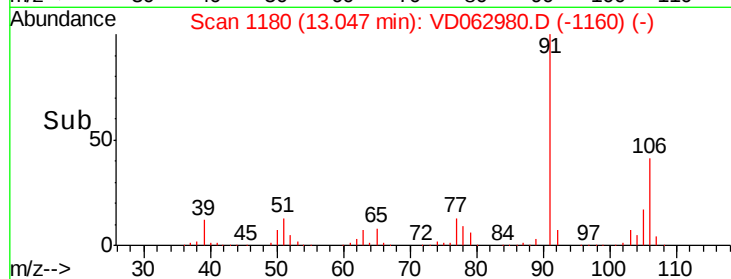
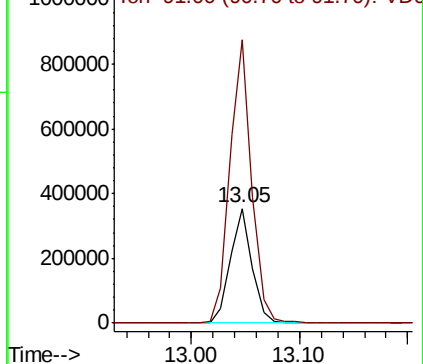
#69
o-Xylene
Concen: 49.184 ug/l
RT: 13.05 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 494538
Ion Ratio Lower Upper
106 100
91 247.0 117.9 353.6

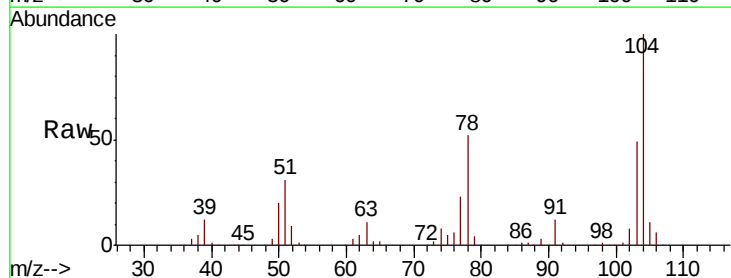


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

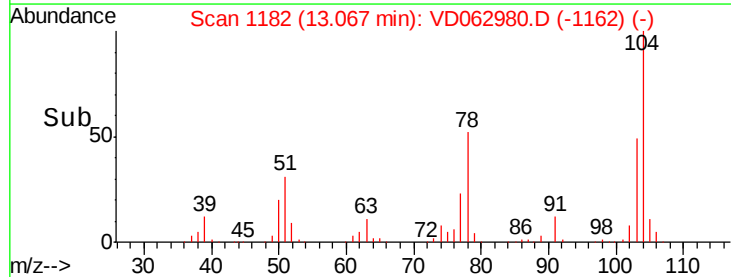
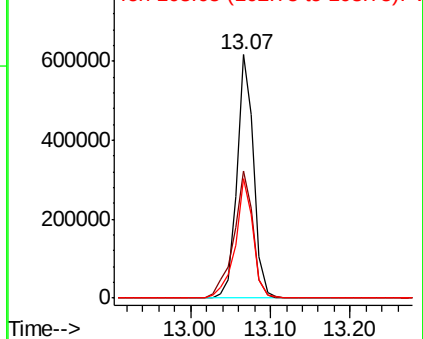


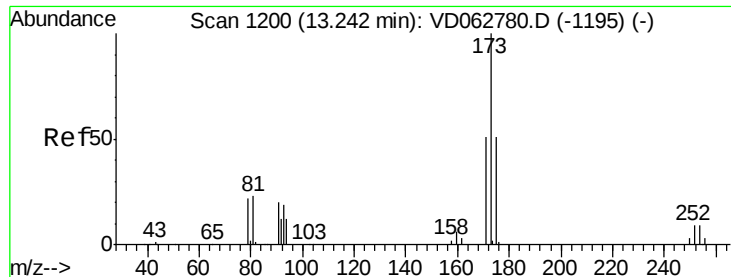
#70
Styrene
Concen: 51.182 ug/l
RT: 13.07 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion:104 Resp: 903922
Ion Ratio Lower Upper
104 100
78 52.3 45.4 68.2
103 49.1 39.7 59.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 52.908 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

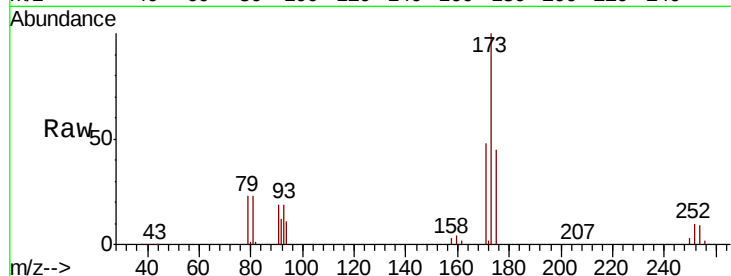
Tot Ion:173 Resp: 298187

Ion Ratio Lower Upper

173 100

175 45.4 25.3 75.9

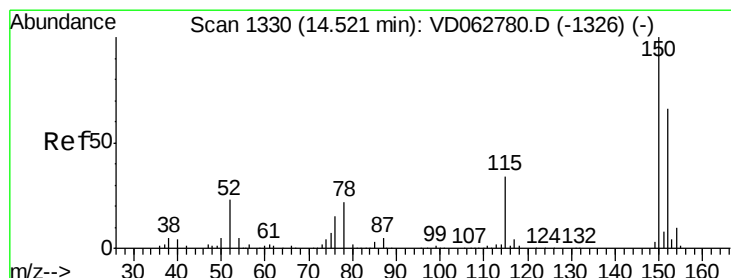
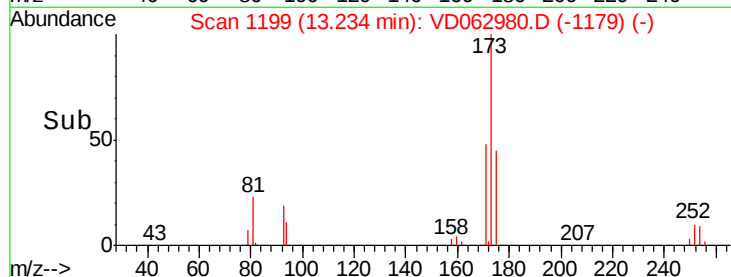
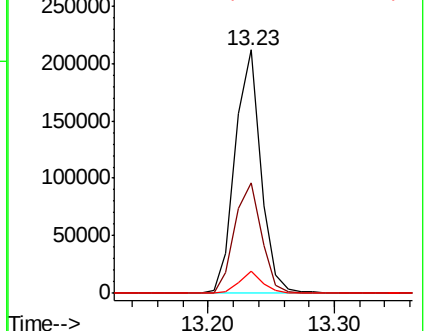
254 9.1 7.1 10.7



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

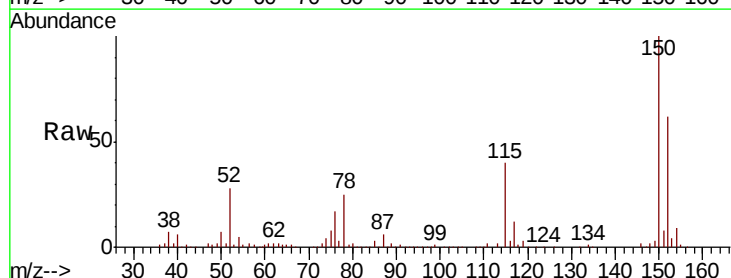
Tgt Ion:152 Resp: 533836

Ion Ratio Lower Upper

152 100

115 63.6 29.2 87.6

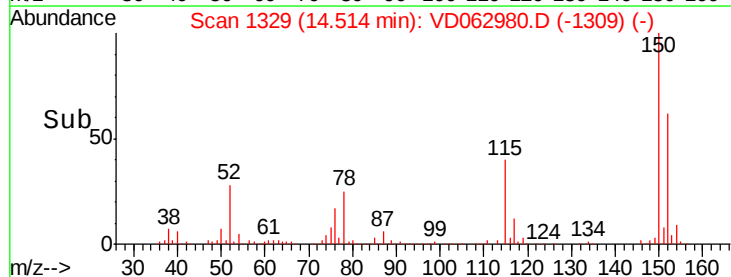
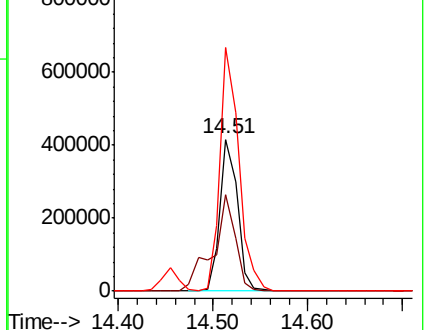
150 160.5 0.0 305.8

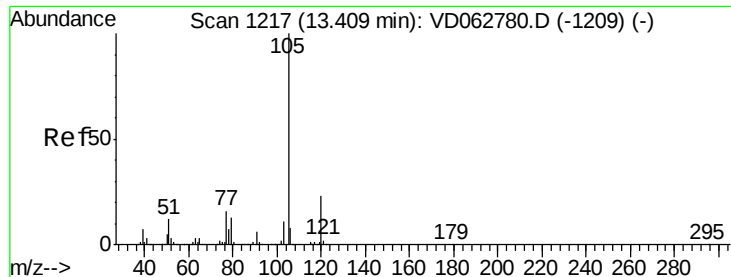


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.908 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

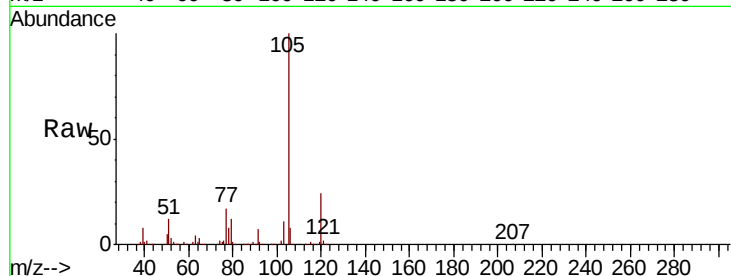
VSTDCCC050

Tot Ion:105 Resp: 1605586

Ion Ratio Lower Upper

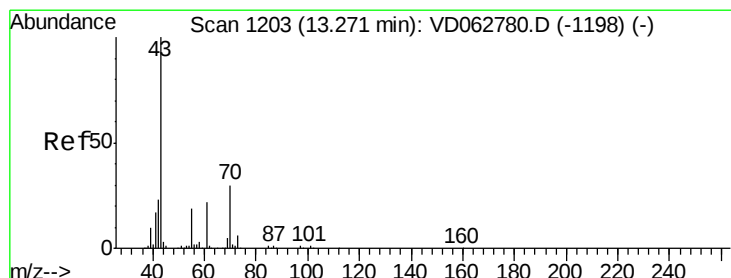
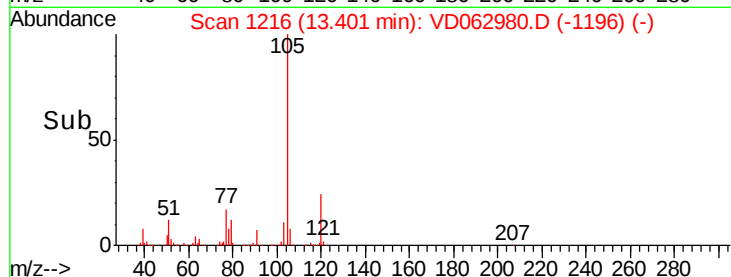
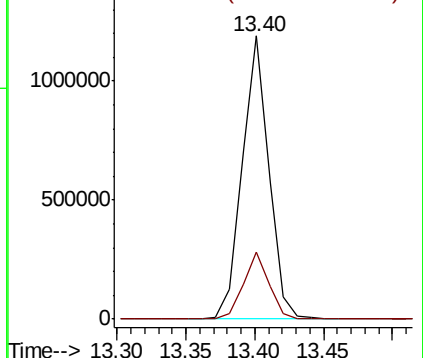
105 100

120 23.8 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 50.789 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Tgt Ion: 43 Resp: 422173

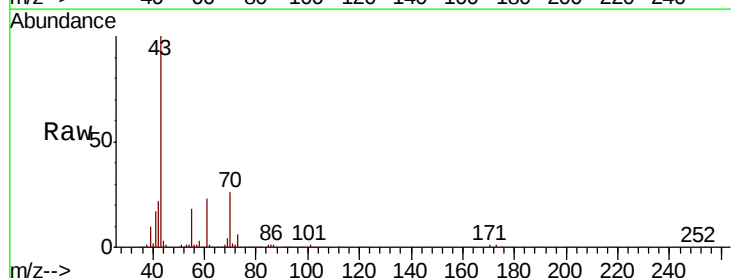
Ion Ratio Lower Upper

43 100

70 25.7 24.4 36.6

55 18.1 15.2 22.8

61 23.1 17.4 26.2

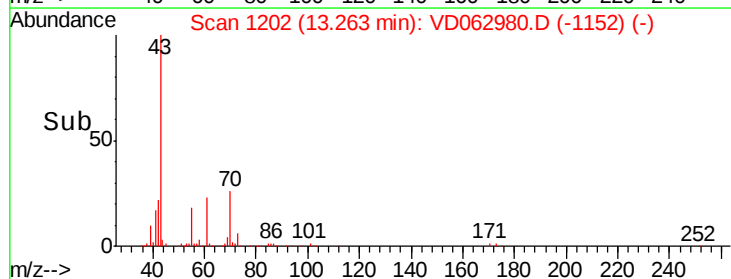
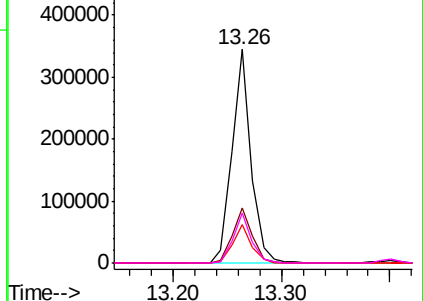


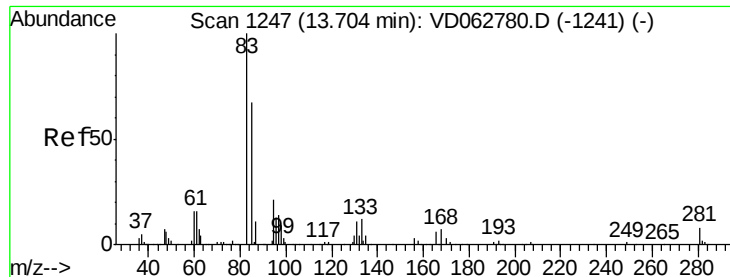
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.511 ug/l

RT: 13.70 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

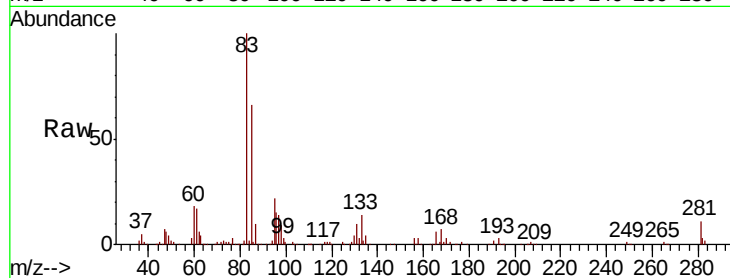
Tot Ion: 83 Resp: 281699

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	16.1
85	66.4	33.7	101.1

83 100

131 10.5 5.3 16.1

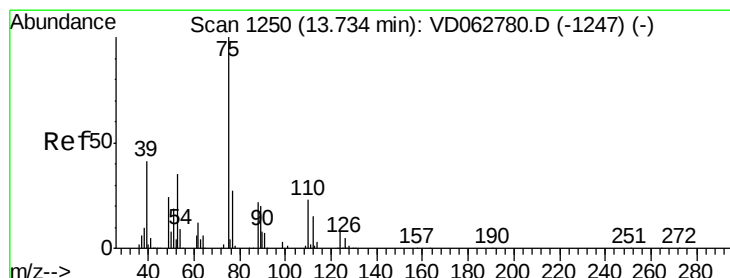
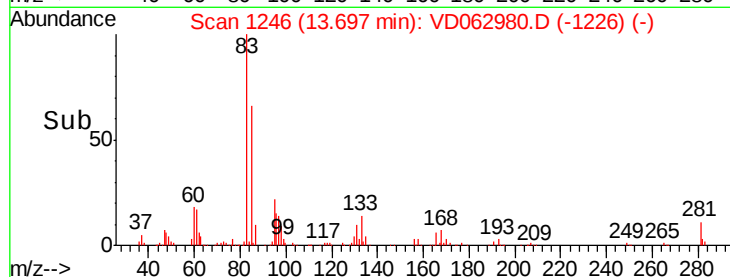
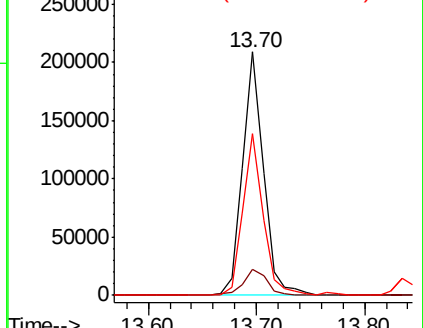
85 66.4 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 50.044 ug/l

RT: 13.73 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD062980.D

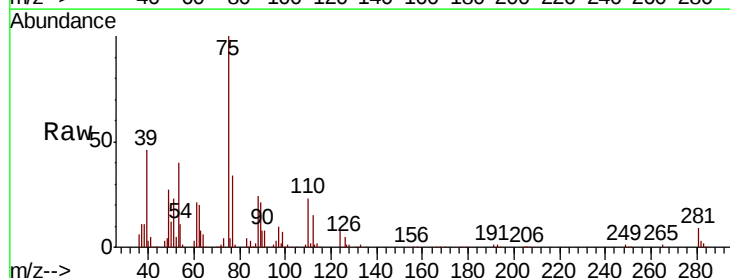
Acq: 1 Jul 2019 10:08

Tgt Ion: 75 Resp: 308407

Ion	Ratio	Lower	Upper
75	100		
77	34.1	15.0	45.1

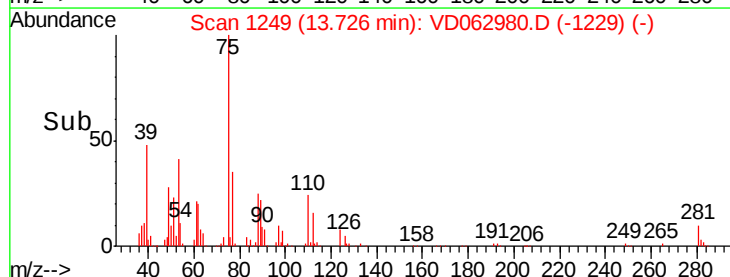
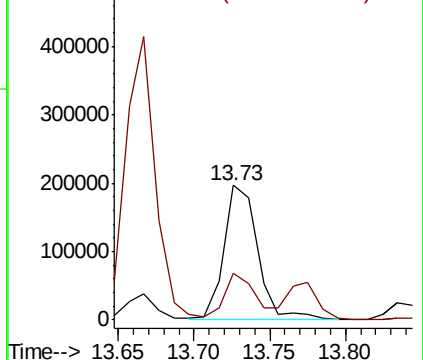
75 100

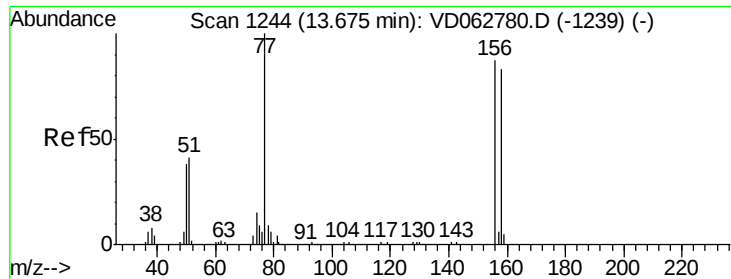
77 34.1 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 49.007 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

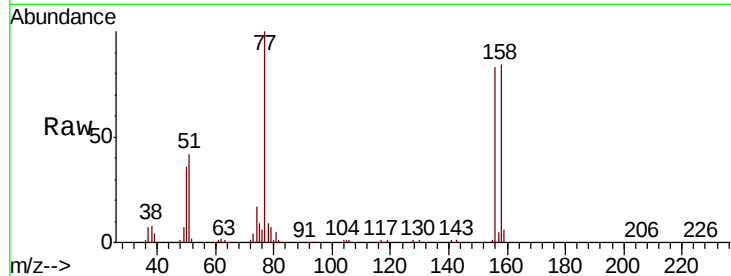
Tot Ion:156 Resp: 451182

Ion Ratio Lower Upper

156 100

77 120.3 57.7 173.1

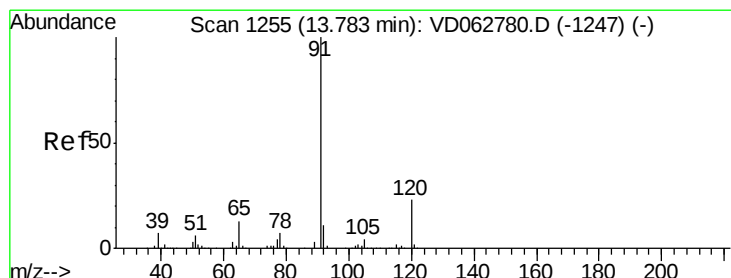
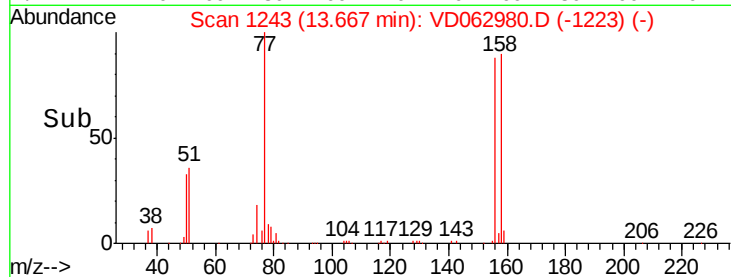
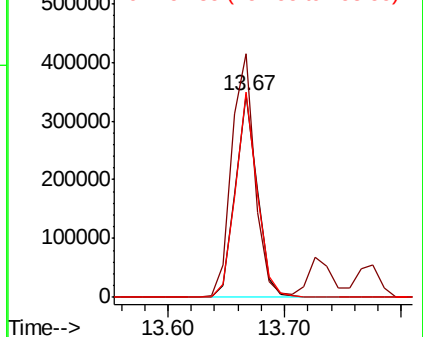
158 101.4 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 48.285 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062980.D

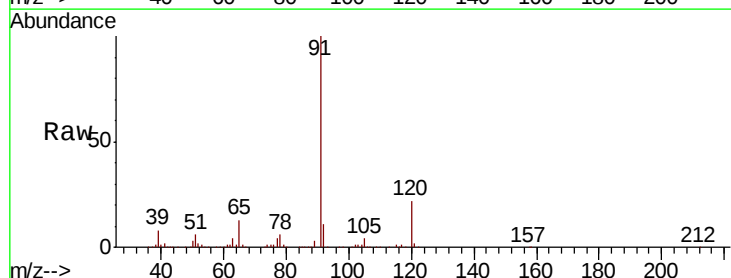
Acq: 1 Jul 2019 10:08

Tgt Ion: 91 Resp: 1923619

Ion Ratio Lower Upper

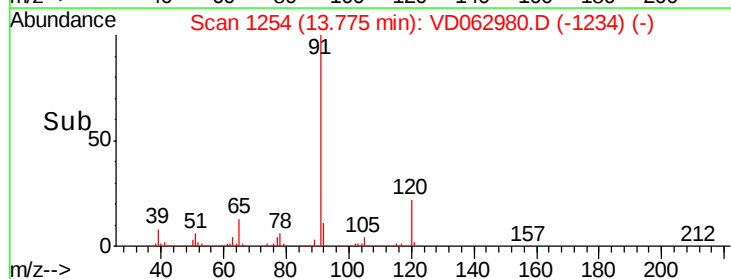
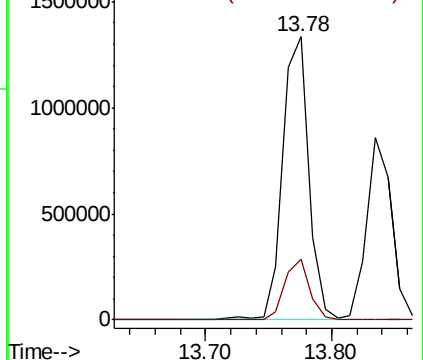
91 100

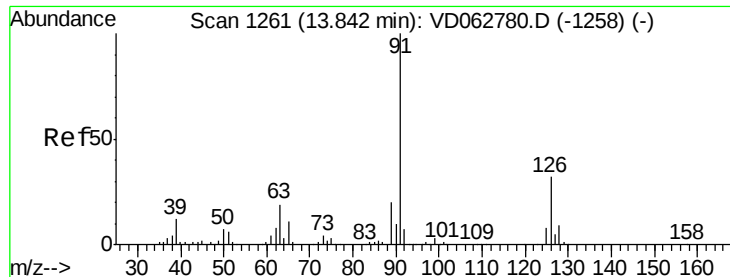
120 21.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 51.687 ug/l

RT: 13.83 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

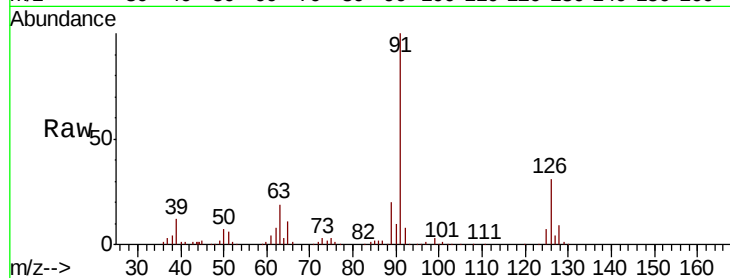
VSTDCCC050

Tot Ion: 91 Resp: 1176757

Ion Ratio Lower Upper

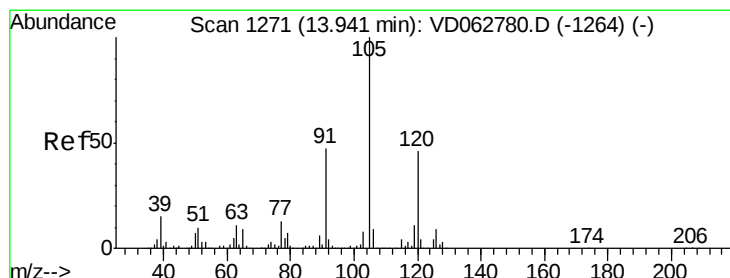
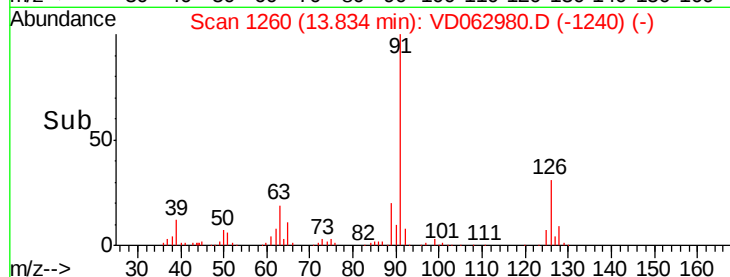
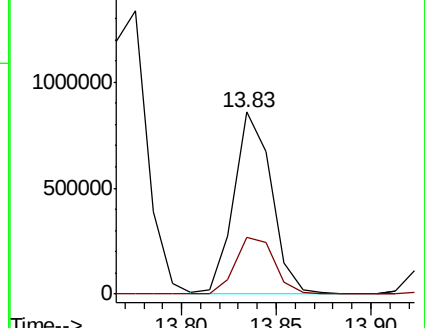
91 100

126 31.0 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 51.040 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062980.D

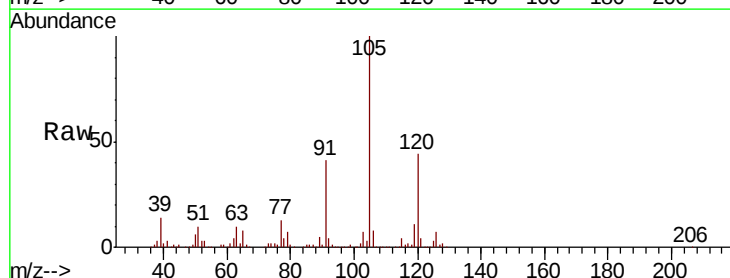
Acq: 1 Jul 2019 10:08

Tgt Ion:105 Resp: 1467445

Ion Ratio Lower Upper

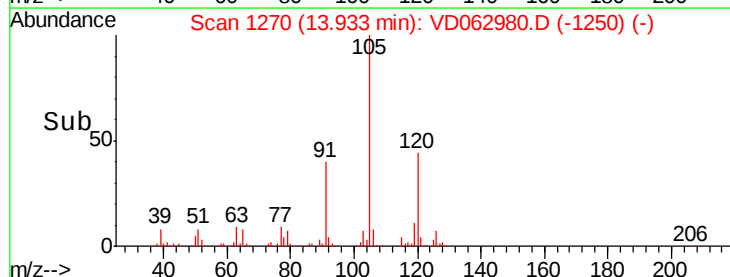
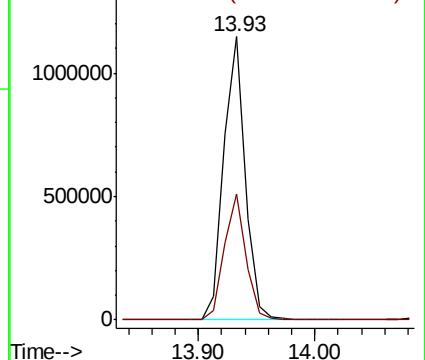
105 100

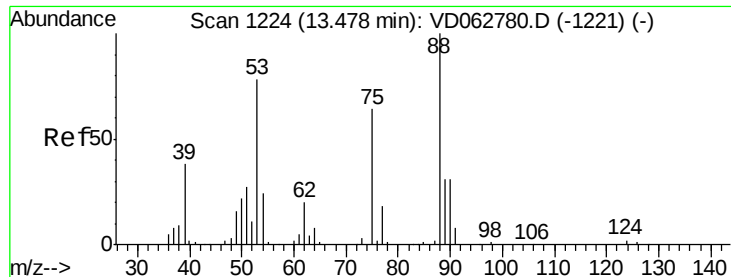
120 44.3 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

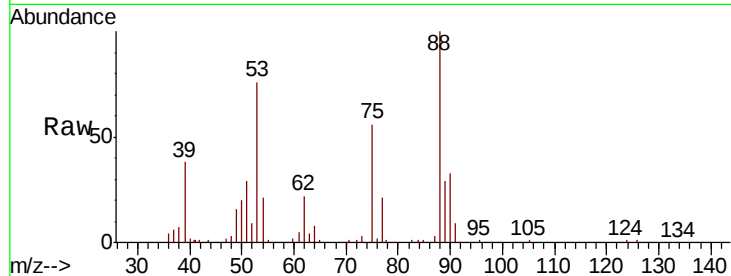




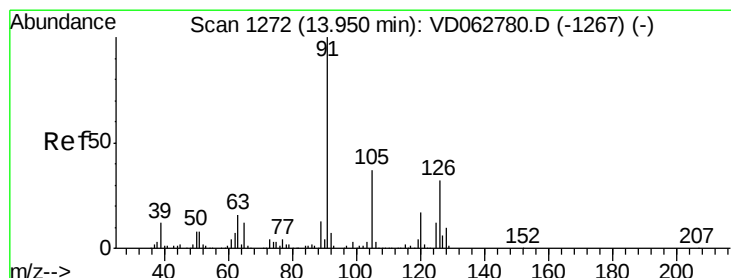
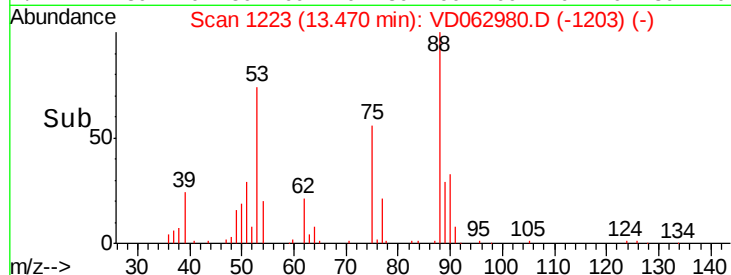
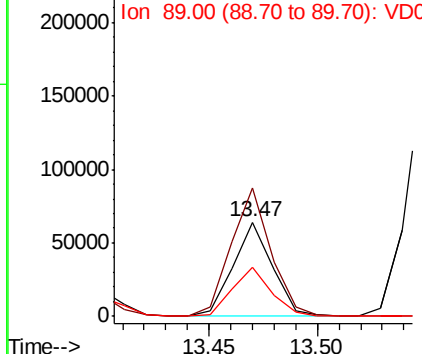
#81
trans-1,4-Dichloro-2-butene
Concen: 49.967 ug/l
RT: 13.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 80705
Ion Ratio Lower Upper
75 100
53 135.6 97.8 146.8
89 51.8 39.4 59.2

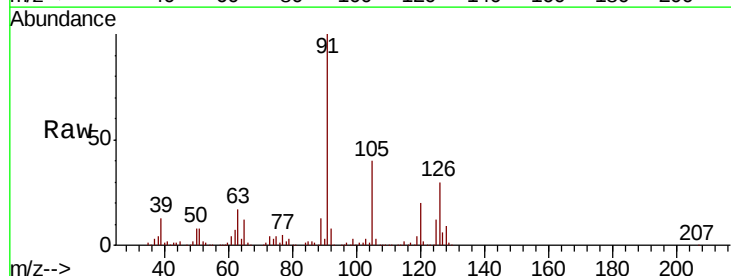


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

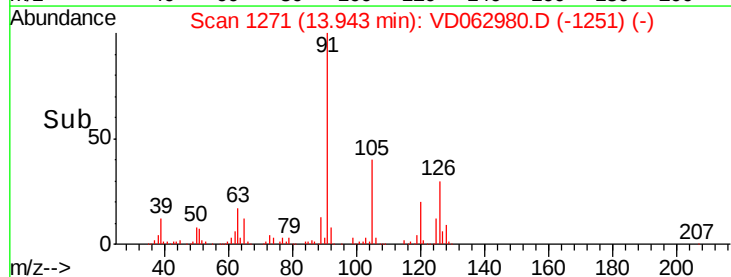
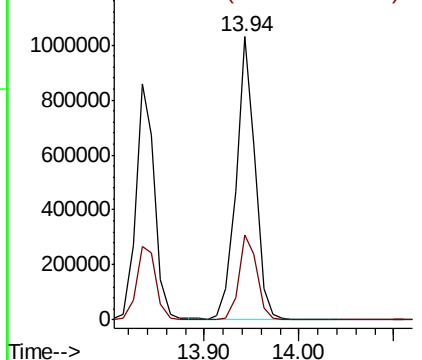


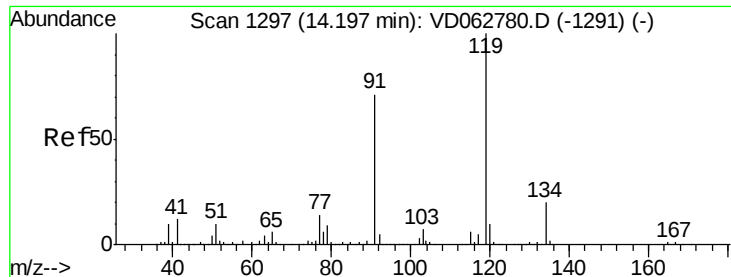
#82
4-Chlorotoluene
Concen: 51.900 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD062980.D
Acq: 1 Jul 2019 10:08

Tgt Ion: 91 Resp: 1422552
Ion Ratio Lower Upper
91 100
126 30.0 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

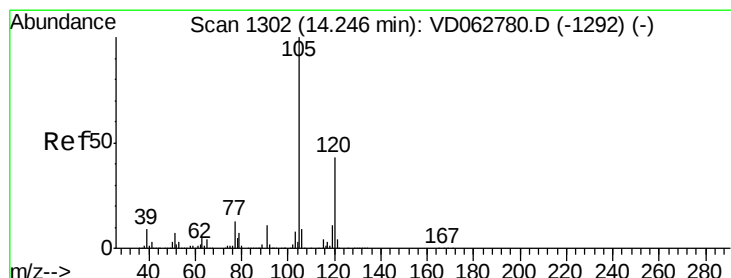
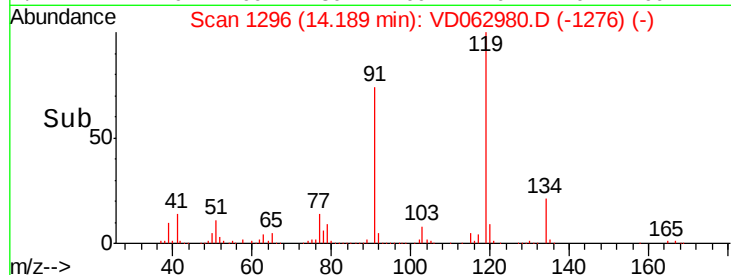
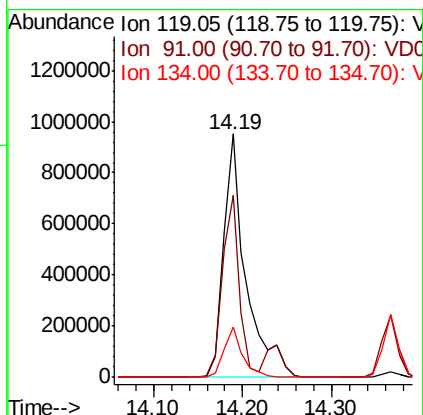
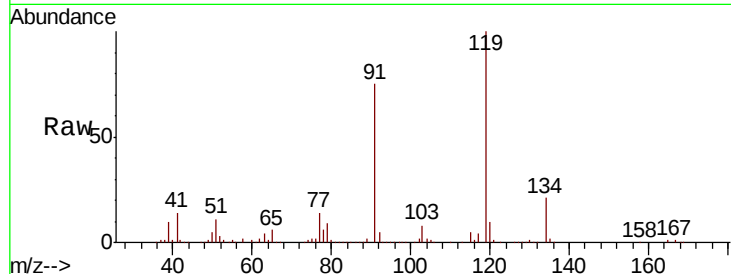




#83
 tert-Butylbenzene
 Concen: 52.172 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

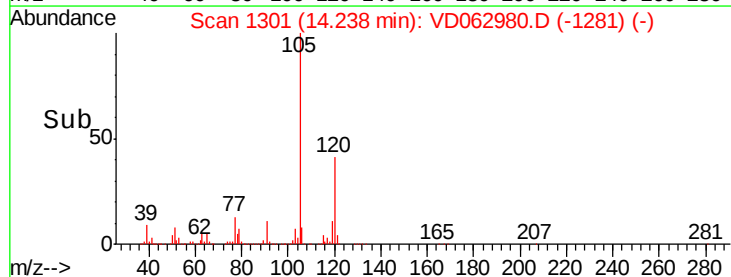
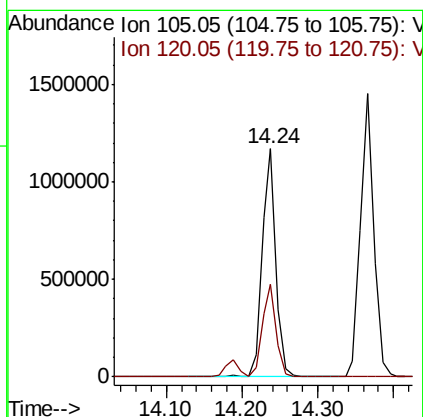
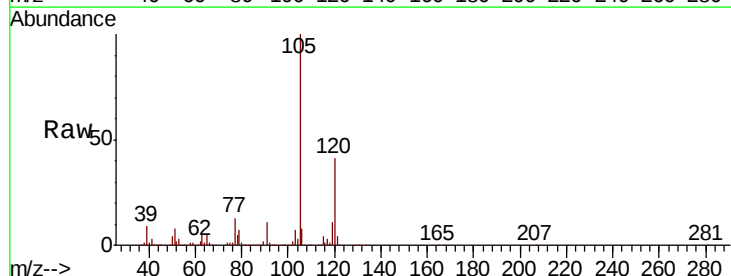
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

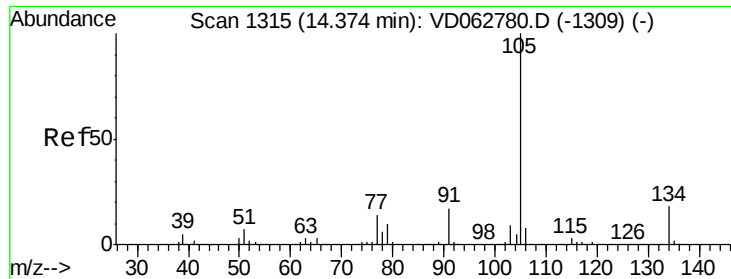
Tot Ion:119 Resp: 1671961
 Ion Ratio Lower Upper
 119 100
 91 74.6 35.5 106.5
 134 20.6 10.2 30.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.401 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion:105 Resp: 1485215
 Ion Ratio Lower Upper
 105 100
 120 40.7 21.3 63.9

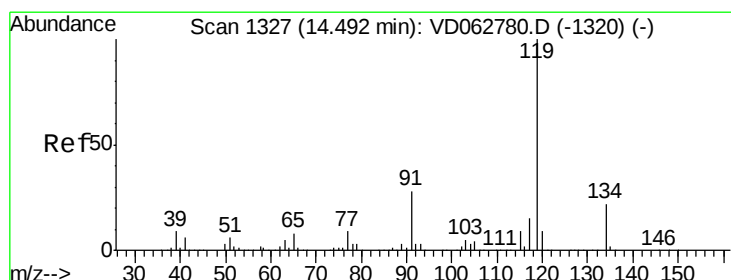
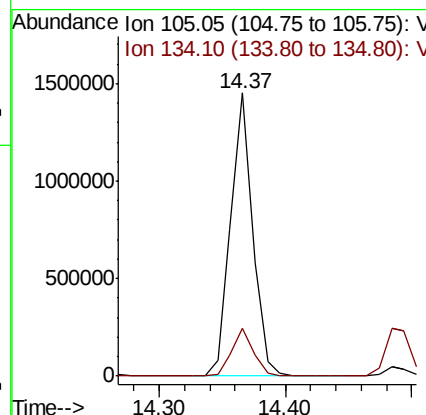
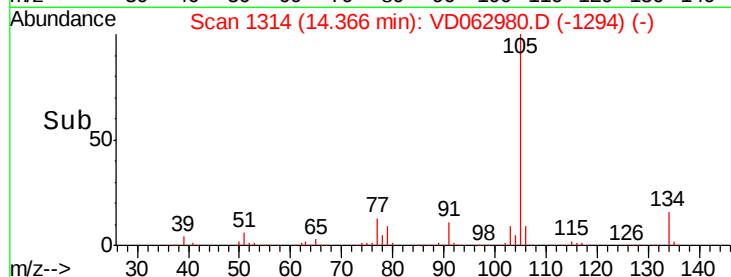
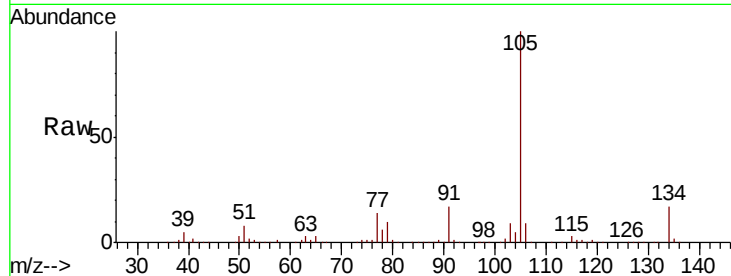




#85
 sec-Butylbenzene
 Concen: 50.061 ug/l
 RT: 14.37 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

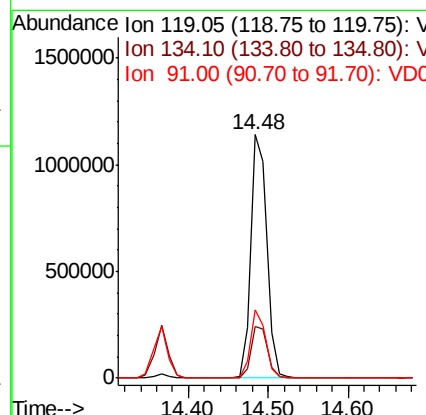
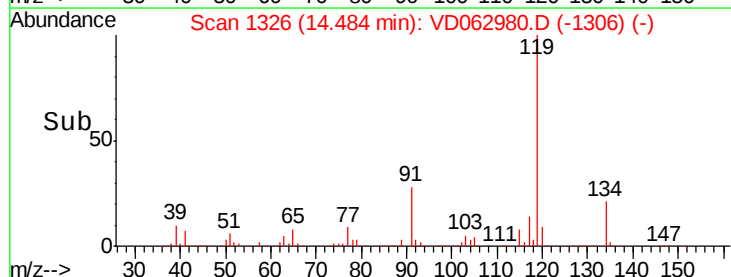
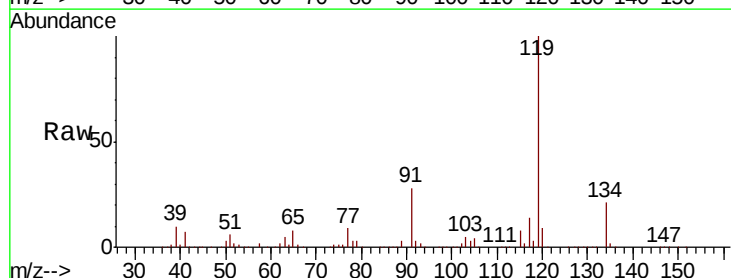
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1743675
 Ion Ratio Lower Upper
 105 100
 134 17.0 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 49.216 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion:119 Resp: 1568250
 Ion Ratio Lower Upper
 119 100
 134 21.4 11.1 33.1
 91 28.0 14.0 41.9

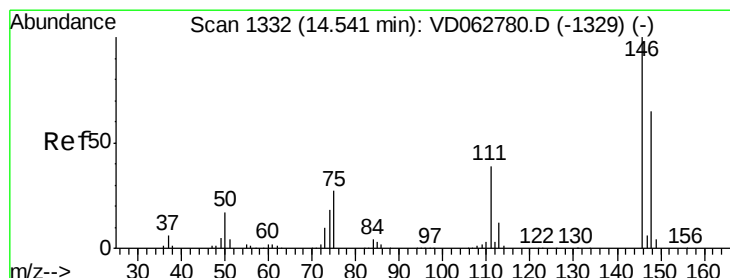
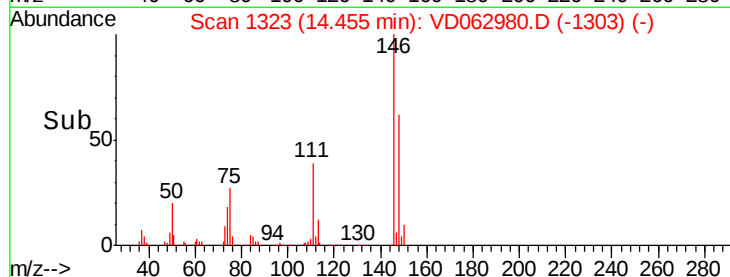
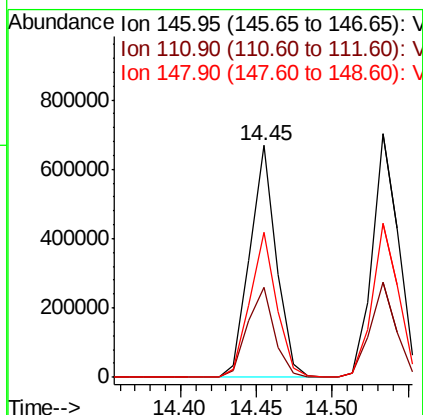
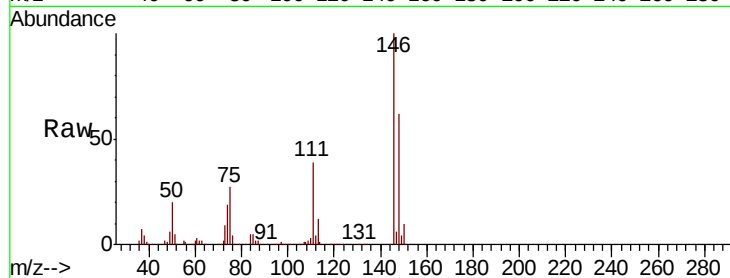




#87
 1,3-Dichlorobenzene
 Concen: 49.674 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

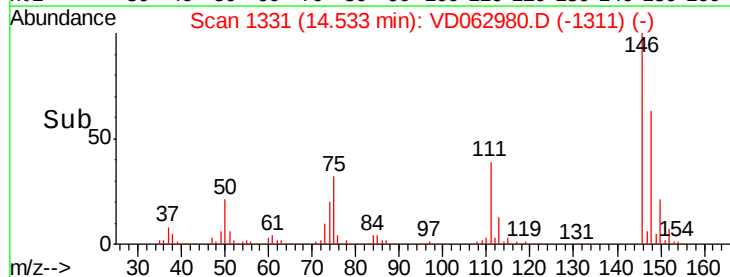
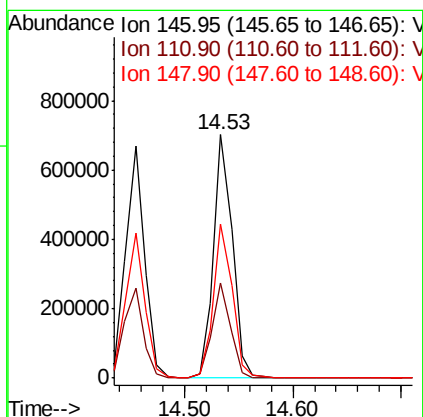
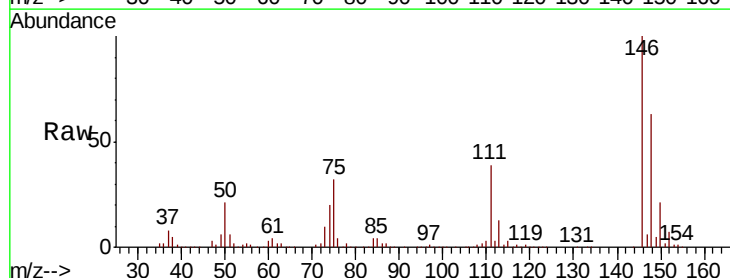
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

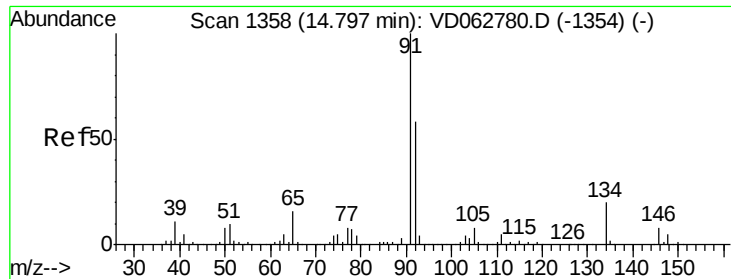
Tot Ion:146 Resp: 819782
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 62.4 30.8 92.3



#88
 1,4-Dichlorobenzene
 Concen: 51.276 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion:146 Resp: 849939
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 63.3 32.8 98.3





#89

n-Butylbenzene

Concen: 50.748 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

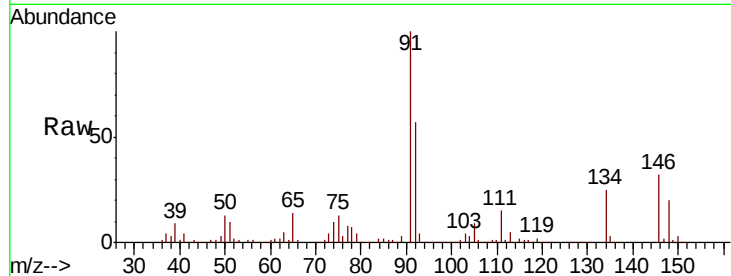
Tot Ion: 91 Resp: 1513498

Ion Ratio Lower Upper

91 100

92 57.1 28.9 86.7

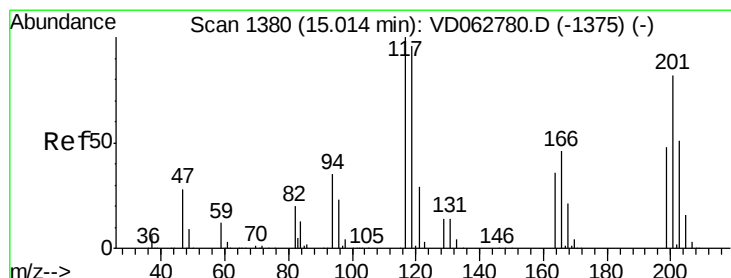
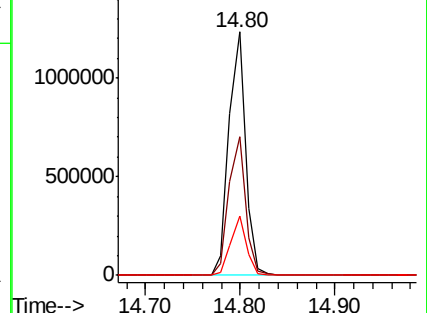
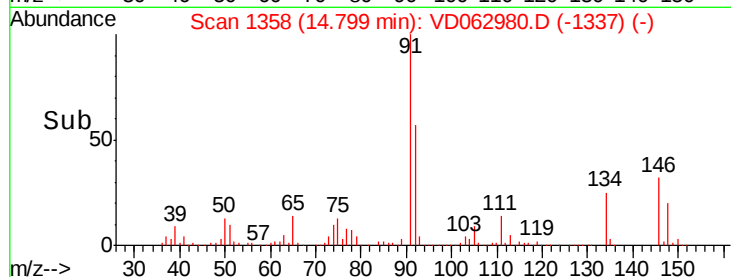
134 24.5 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 48.044 ug/l

RT: 15.01 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062980.D

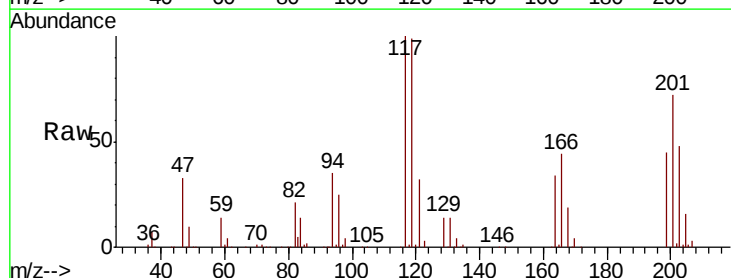
Acq: 1 Jul 2019 10:08

Tgt Ion: 117 Resp: 411618

Ion Ratio Lower Upper

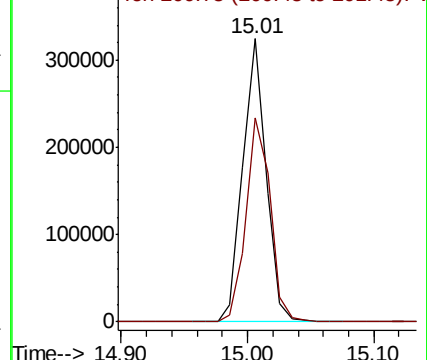
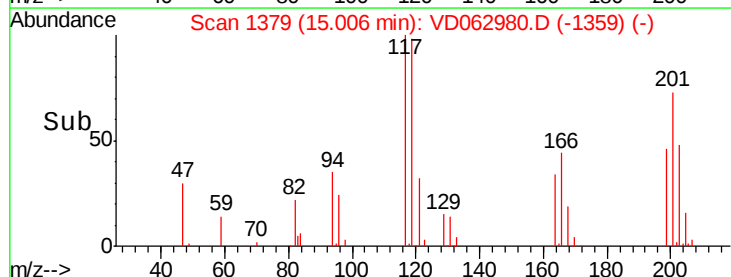
117 100

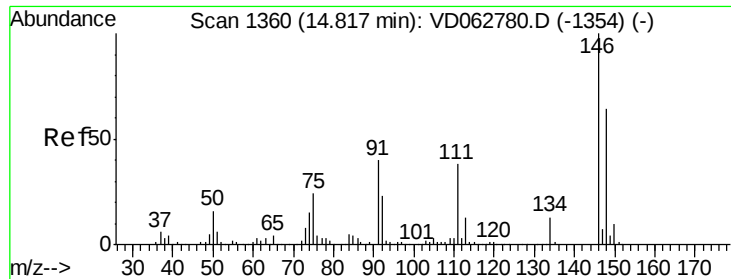
201 72.3 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

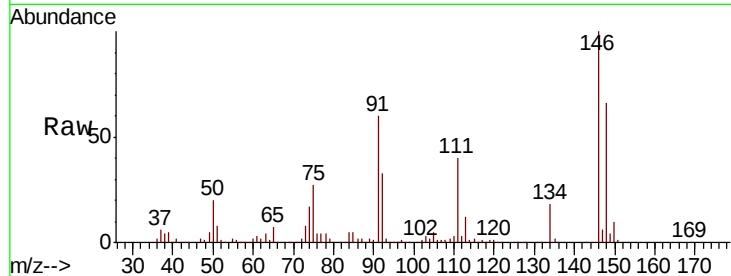




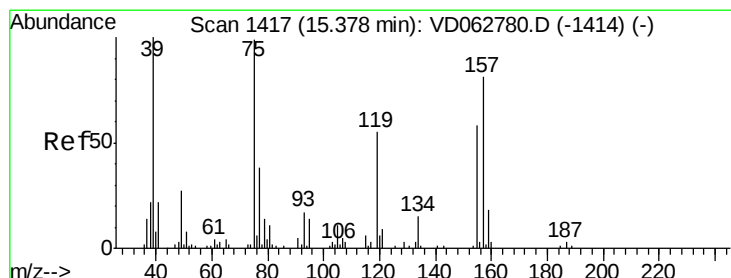
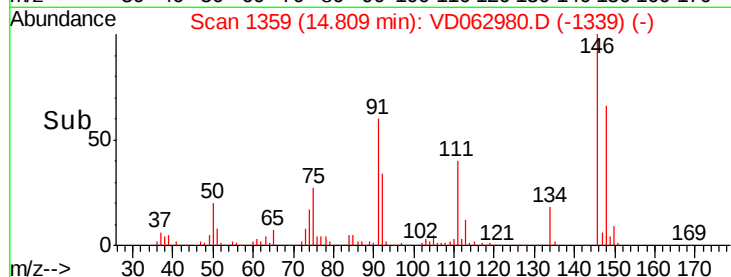
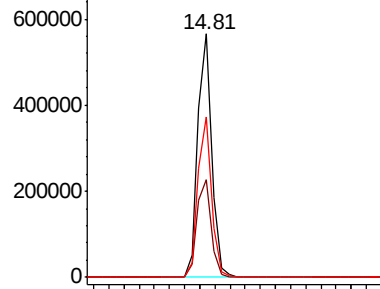
#91
 1,2-Dichlorobenzene
 Concen: 51.753 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 730750
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.1 57.1
 148 65.8 32.3 96.8

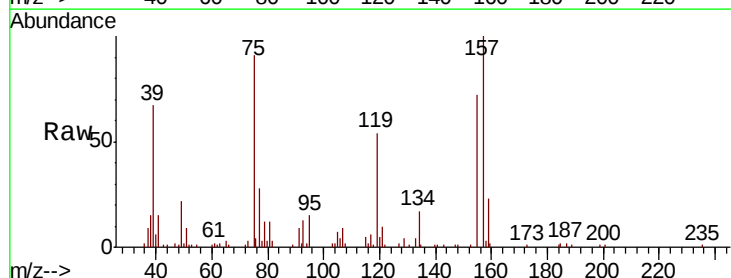


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

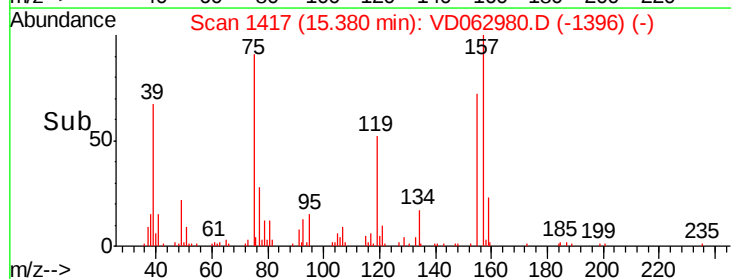
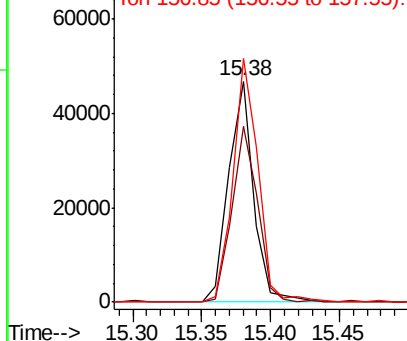


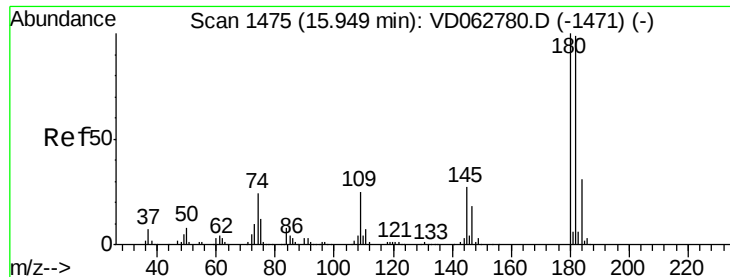
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.806 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion: 75 Resp: 58569
 Ion Ratio Lower Upper
 75 100
 155 79.4 29.3 87.8
 157 110.3 41.3 123.7



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

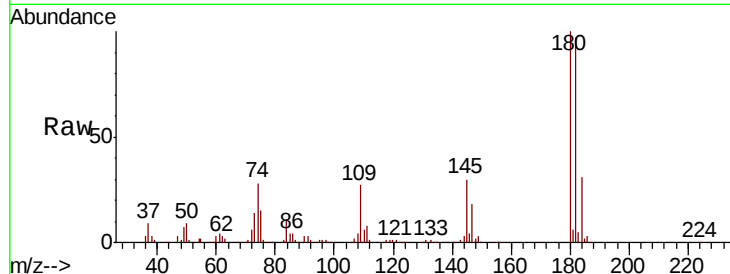




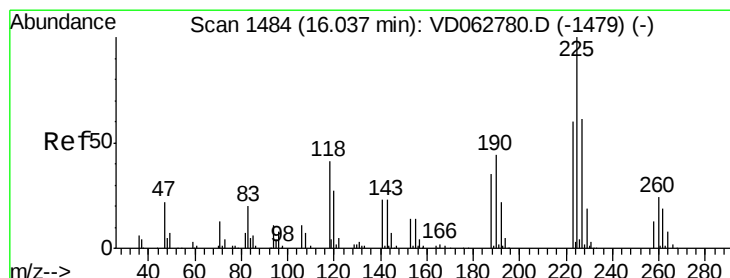
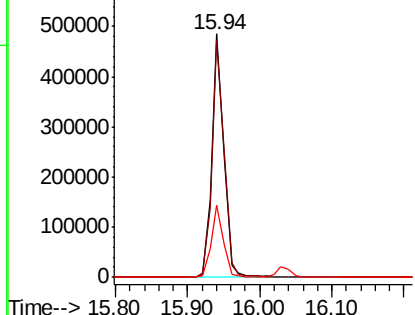
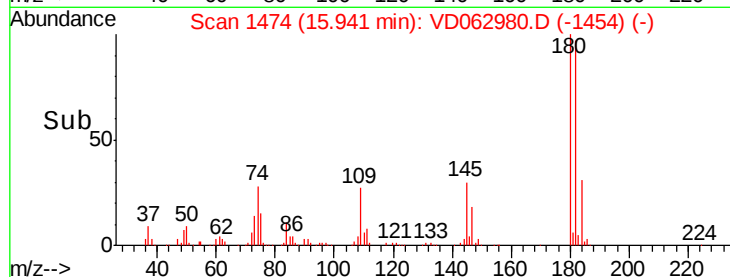
#93
 1,2,4-Trichlorobenzene
 Concen: 50.244 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 554191
 Ion Ratio Lower Upper
 180 100
 182 97.4 49.5 148.5
 145 29.8 13.7 41.0

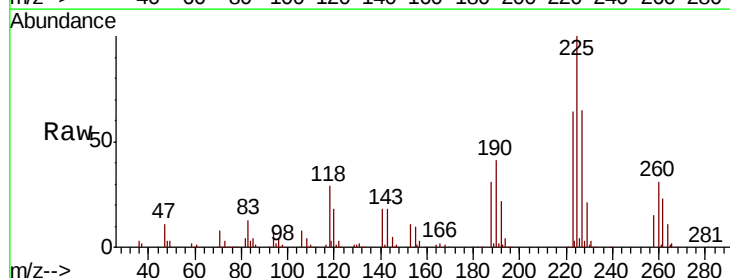


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

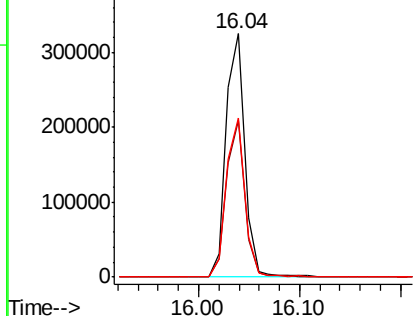
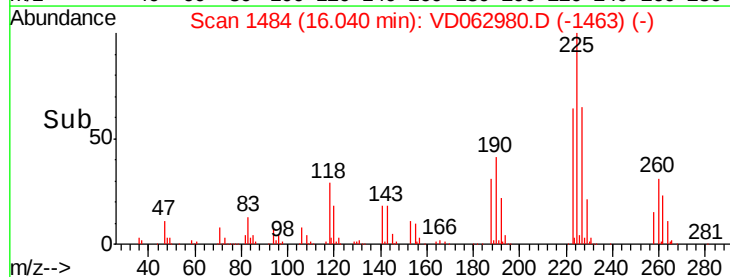


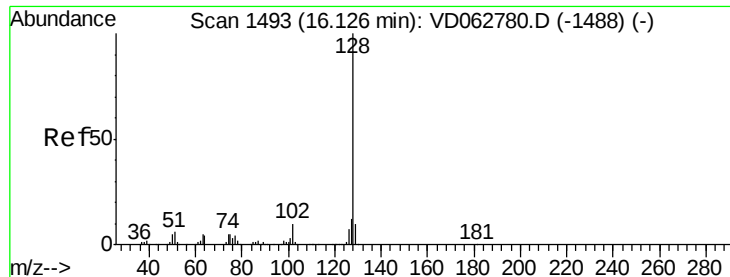
#94
 Hexachlorobutadiene
 Concen: 49.972 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD062980.D
 Acq: 1 Jul 2019 10:08

Tgt Ion:225 Resp: 421082
 Ion Ratio Lower Upper
 225 100
 223 64.3 29.8 89.5
 227 65.3 30.6 91.6



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 52.487 ug/l

RT: 16.12 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

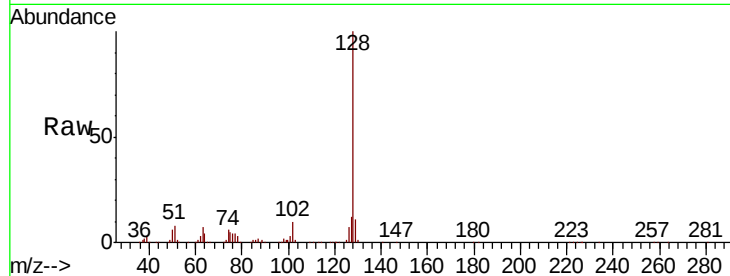
Tot Ion:128 Resp: 811427

Ion Ratio Lower Upper

128 100

127 11.7 9.7 14.5

129 10.9 8.3 12.5

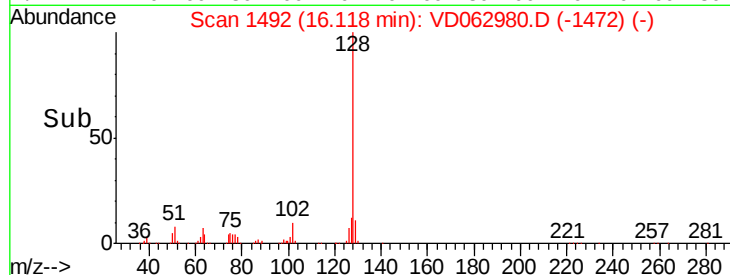


Abundance Ion 128.00 (127.70 to 128.70): V

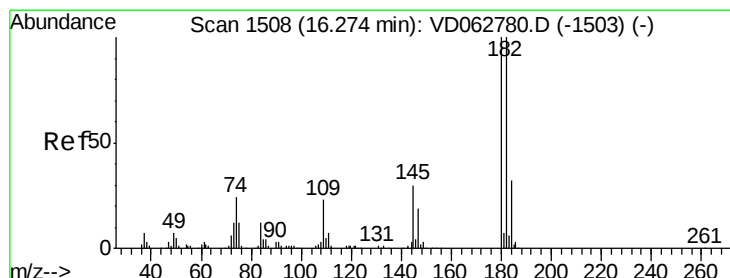
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

16.12



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 53.296 ug/l

RT: 16.27 min Scan# 1507

Delta R.T. -0.01 min

Lab File: VD062980.D

Acq: 1 Jul 2019 10:08

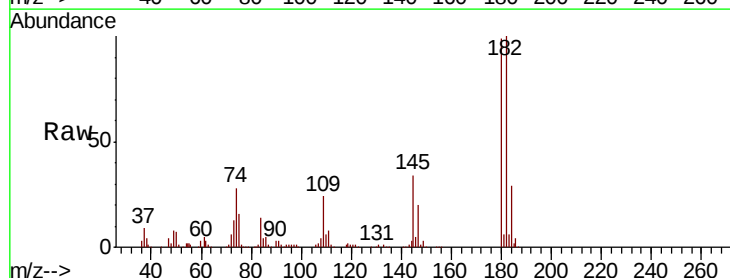
Tgt Ion:180 Resp: 451664

Ion Ratio Lower Upper

180 100

182 101.5 49.9 149.6

145 34.3 15.2 45.5

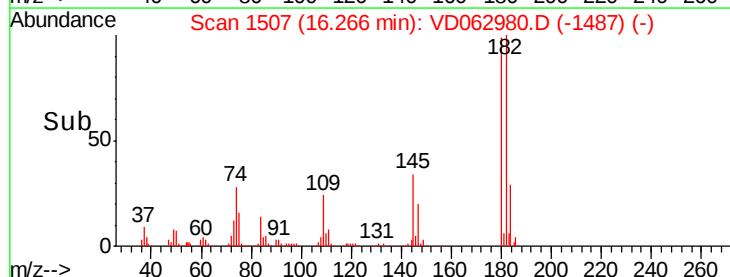


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

16.27



Time-->