

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
 Data File : VD062060.D
 Acq On : 29 Apr 2019 13:43
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 14:07:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	577766	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	998801	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	742150	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	352525	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	255422	56.49	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	112.98%	
35) Dibromofluoromethane	6.89	113	366063	52.99	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	10.38	98	794044	48.31	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	13.54	95	336627	51.06	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	263324	51.041	ug/l	99
3) Chloromethane	1.74	50	195929	44.684	ug/l	95
4) Vinyl Chloride	1.83	62	186643	46.963	ug/l	100
5) Bromomethane	2.14	94	66890	69.668	ug/l	94
6) Chloroethane	2.26	64	77234	53.762	ug/l	98
7) Trichlorofluoromethane	2.51	101	345275	57.460	ug/l	99
8) Diethyl Ether	2.85	74	82696	51.348	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.13	101	280016	50.586	ug/l	99
10) Methyl Iodide	3.28	142	393453	47.018	ug/l	97
11) Tert butyl alcohol	4.02	59	65617	256.827	ug/l	98
12) 1,1-Dichloroethene	3.11	96	220143	46.745	ug/l	91
13) Acrolein	3.02	56	69863	263.546	ug/l	97
14) Allyl chloride	3.60	41	306411	47.648	ug/l	95
15) Acrylonitrile	4.16	53	188999	238.895	ug/l	95
16) Acetone	3.19	43	286249	265.119	ug/l	94
17) Carbon Disulfide	3.35	76	652724	47.963	ug/l	100
18) Methyl Acetate	3.61	43	96197	49.088	ug/l	95
19) Methyl tert-butyl Ether	4.21	73	435235	46.579	ug/l	96
20) Methylene Chloride	3.78	84	257217	48.863	ug/l	99
21) trans-1,2-Dichloroethene	4.20	96	248114	45.925	ug/l	96
22) Diisopropyl ether	5.08	45	716715	47.737	ug/l	98
23) Vinyl Acetate	5.01	43	1980618	253.317	ug/l	99
24) 1,1-Dichloroethane	4.95	63	437163	48.175	ug/l	100
25) 2-Butanone	6.03	43	343358	262.294	ug/l	96
26) 2,2-Dichloropropane	5.99	77	419646	53.008	ug/l	97
27) cis-1,2-Dichloroethene	6.01	96	306259	49.830	ug/l	94
28) Bromochloromethane	6.40	49	191325	55.103	ug/l	93
29) Tetrahydrofuran	6.42	42	157350	243.951	ug/l	97
30) Chloroform	6.63	83	545539	52.928	ug/l	97
31) Cyclohexane	6.92	56	341882	50.757	ug/l	97
32) 1,1,1-Trichloroethane	6.84	97	481498	53.690	ug/l	98
36) 1,1-Dichloropropene	7.12	75	379777	48.804	ug/l	97
37) Ethyl Acetate	6.15	43	144630	43.615	ug/l	96
38) Carbon Tetrachloride	7.08	117	534258	54.180	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	374055	48.720	ug/l	98
40) Benzene	7.43	78	897799	46.603	ug/l	98
41) Methacrylonitrile	6.41	41	188843	48.807	ug/l	95
42) 1,2-Dichloroethane	7.54	62	326530	49.919	ug/l	97
43) Isopropyl Acetate	9.21	43	229479	47.362	ug/l #	97
44) Trichloroethene	8.51	130	340361	45.571	ug/l	94
45) 1,2-Dichloropropane	8.90	63	228618	46.778	ug/l	97
46) Dibromomethane	9.03	93	168362	47.875	ug/l	99
47) Bromodichloromethane	9.35	83	390660	47.014	ug/l	95
48) Methyl methacrylate	9.09	41	125774	45.497	ug/l	92
49) 1,4-Dioxane	9.05	88	28295	949.355	ug/l	97
51) 4-Methyl-2-Pentanone	10.27	43	693837	234.155	ug/l	99
52) Toluene	10.49	92	551573	44.903	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	351077	50.335	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	392106	46.222	ug/l	99
55) 1,1,2-Trichloroethane	11.17	97	192252	46.619	ug/l	96
56) Ethyl methacrylate	11.02	69	206309	45.170	ug/l	99
57) 1,3-Dichloropropane	11.38	76	287048	45.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.83	63	507635	239.057	ug/l	95
59) 2-Hexanone	11.51	43	508748	228.879	ug/l	97
60) Dibromochloromethane	11.66	129	341311	50.020	ug/l	96
61) 1,2-Dibromoethane	11.79	107	236453	48.335	ug/l	96
64) Tetrachloroethene	11.24	164	271413	51.266	ug/l	99
65) Chlorobenzene	12.38	112	659771	47.046	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	297187	49.959	ug/l	97
67) Ethyl Benzene	12.51	91	1063712	46.471	ug/l	99
68) m/p-Xylenes	12.65	106	840303	101.572	ug/l	97
69) o-Xylene	13.04	106	394122	52.067	ug/l	97
70) Styrene	13.06	104	633975	48.505	ug/l	100
71) Bromoform	13.21	173	187878	55.398	ug/l	98
73) Isopropylbenzene	13.39	105	1071879	45.581	ug/l	98
74) N-amyl acetate	13.25	43	289029	47.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	228385	49.560	ug/l	98
76) 1,2,3-Trichloropropane	13.72	75	223513	49.930	ug/l	98
77) Bromobenzene	13.66	156	328330	48.671	ug/l	100
78) n-propylbenzene	13.76	91	1288976	47.882	ug/l	97
79) 2-Chlorotoluene	13.83	91	752889	46.173	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	908208	48.436	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	68568	50.545	ug/l	99
82) 4-Chlorotoluene	13.93	91	885494	49.311	ug/l	94
83) tert-Butylbenzene	14.18	119	1038487	47.809	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	877649	49.020	ug/l	100
85) sec-Butylbenzene	14.36	105	1145466	48.805	ug/l	97
86) p-Isopropyltoluene	14.47	119	1044679	49.734	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	574269	48.612	ug/l	98
88) 1,4-Dichlorobenzene	14.52	146	558289	50.534	ug/l	98
89) n-Butylbenzene	14.79	91	935591	49.612	ug/l	98
90) Hexachloroethane	15.00	117	296195	52.147	ug/l	91
91) 1,2-Dichlorobenzene	14.80	146	482025	49.465	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	32905	48.418	ug/l	90

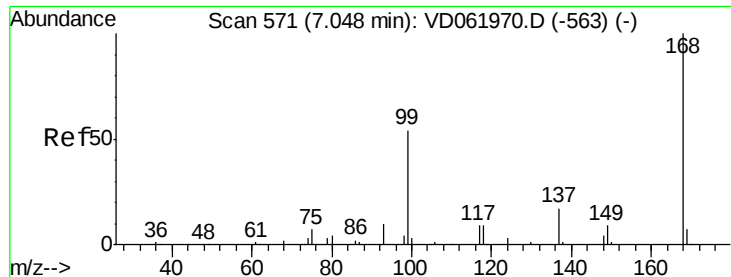
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
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Acq On : 29 Apr 2019 13:43
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	268666	51.098	ug/l	96
94) Hexachlorobutadiene	16.03	225	191297	49.164	ug/l	99
95) Naphthalene	16.11	128	352941	41.574	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	145083	48.633	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

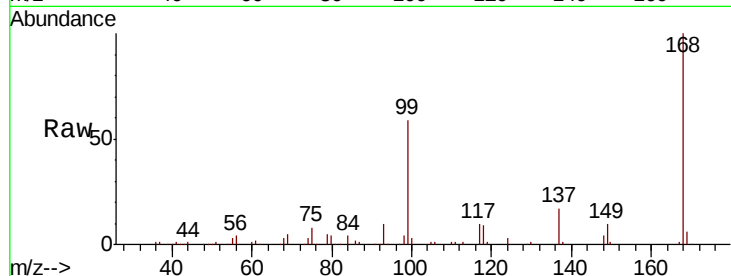
VSTDCCC050

Tgt Ion:168 Resp: 577766

Ion Ratio Lower Upper

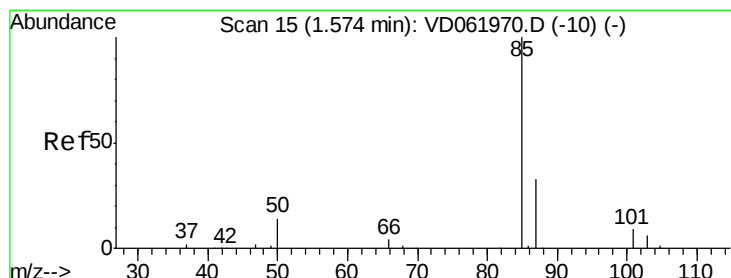
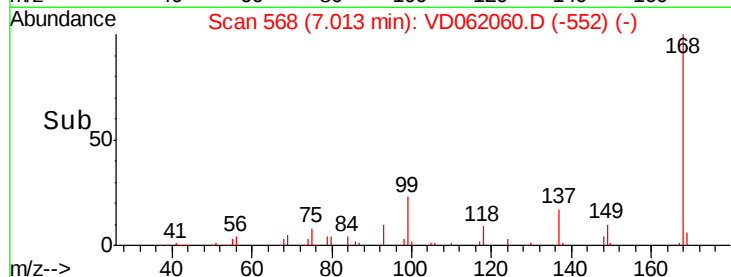
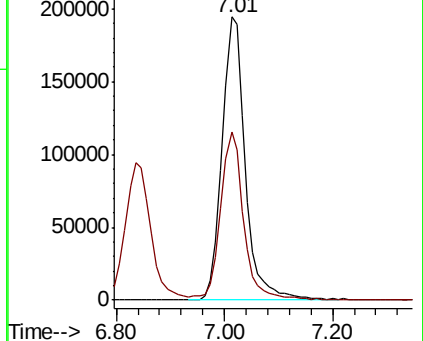
168 100

99 59.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 51.041 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.02 min

Lab File: VD062060.D

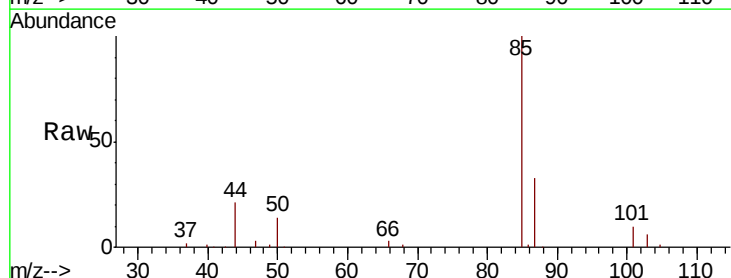
Acq: 29 Apr 2019 13:43

Tgt Ion: 85 Resp: 263324

Ion Ratio Lower Upper

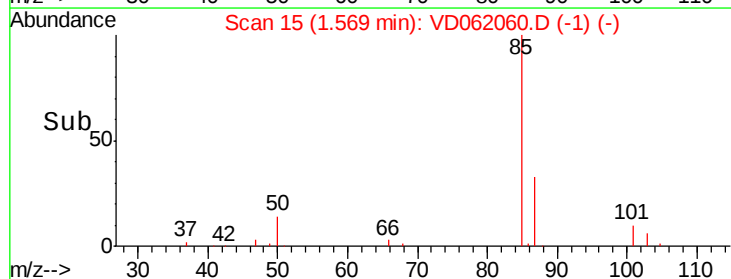
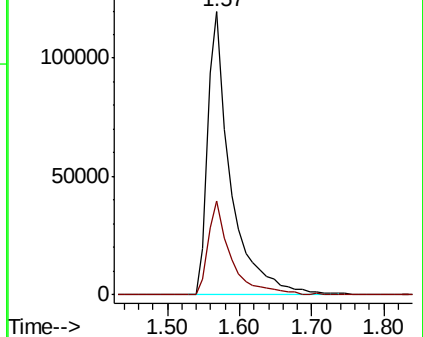
85 100

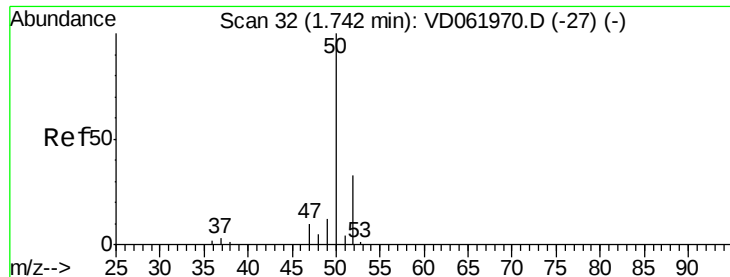
87 33.1 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.684 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.02 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

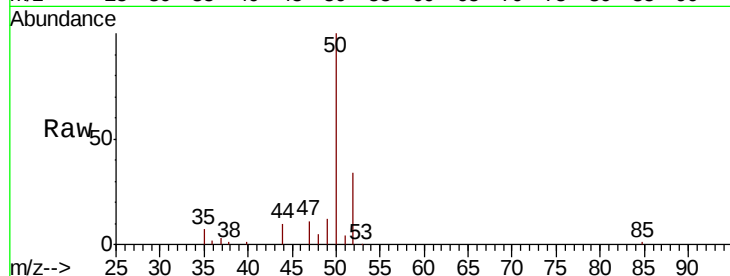
VSTDCCC050

Tgt Ion: 50 Resp: 195929

Ion Ratio Lower Upper

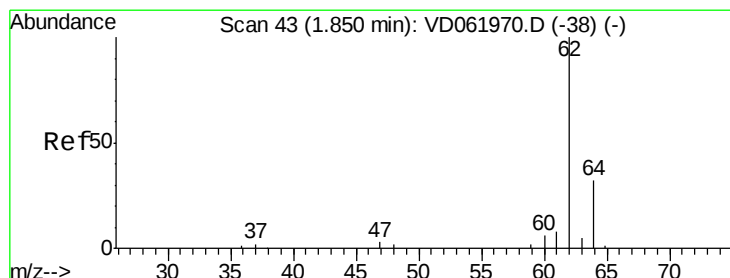
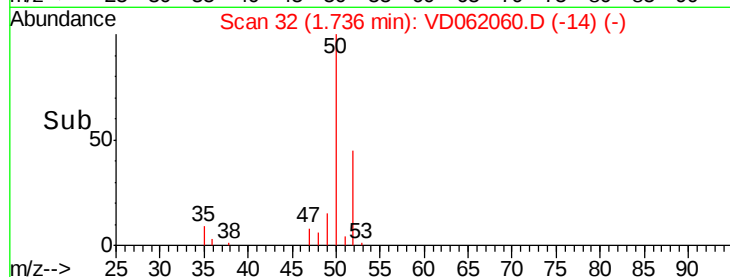
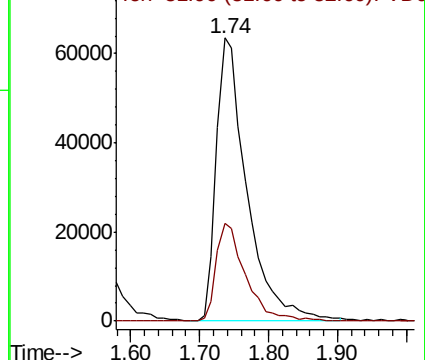
50 100

52 34.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.963 ug/l

RT: 1.83 min Scan# 42

Delta R.T. -0.02 min

Lab File: VD062060.D

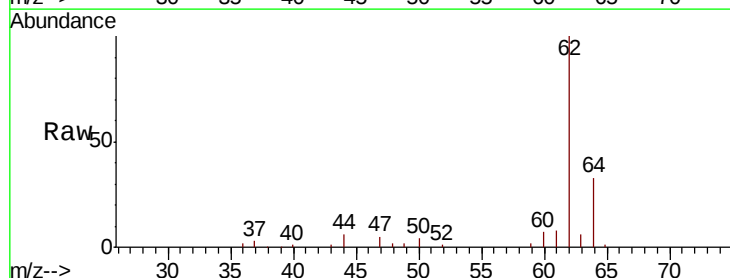
Acq: 29 Apr 2019 13:43

Tgt Ion: 62 Resp: 186643

Ion Ratio Lower Upper

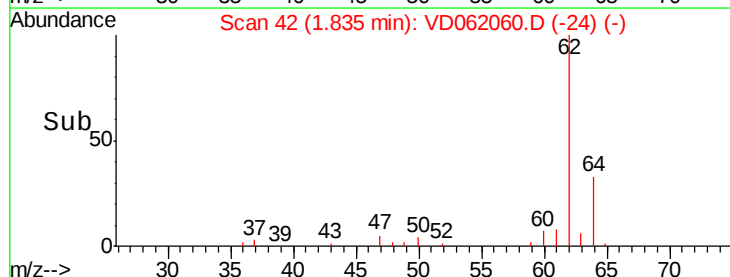
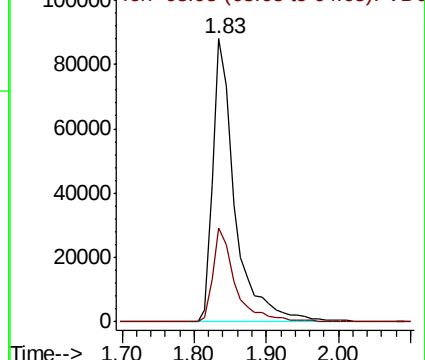
62 100

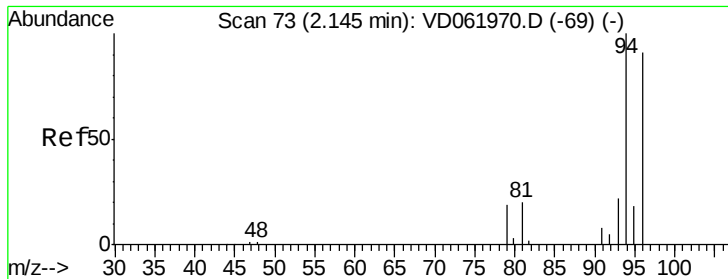
64 33.3 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 69.668 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

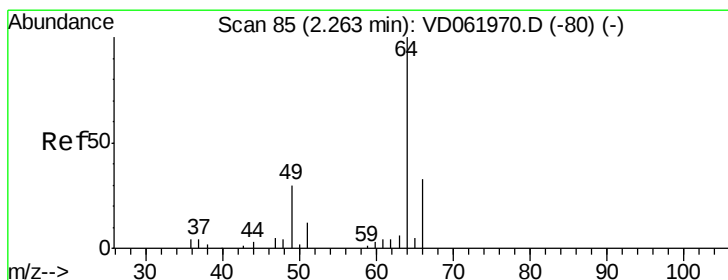
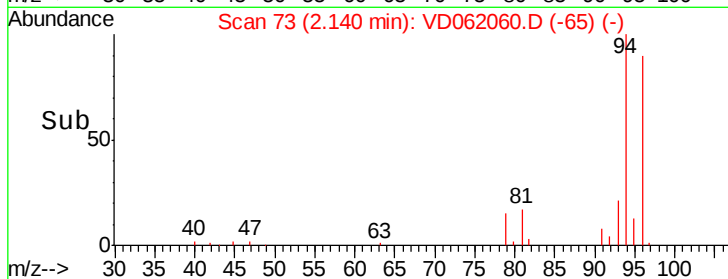
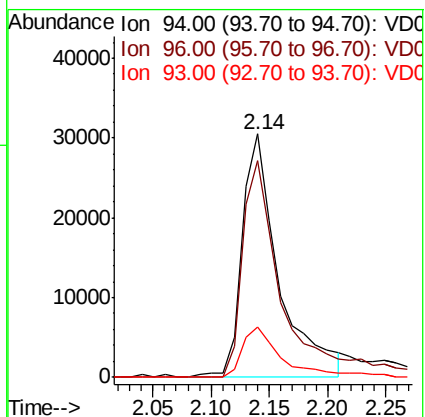
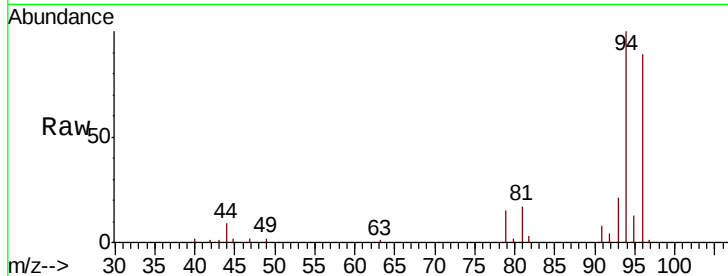
Tgt Ion: 94 Resp: 66890

Ion Ratio Lower Upper

94 100

96 90.1 76.6 115.0

93 20.9 18.5 27.7



#6

Chloroethane

Concen: 53.762 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.02 min

Lab File: VD062060.D

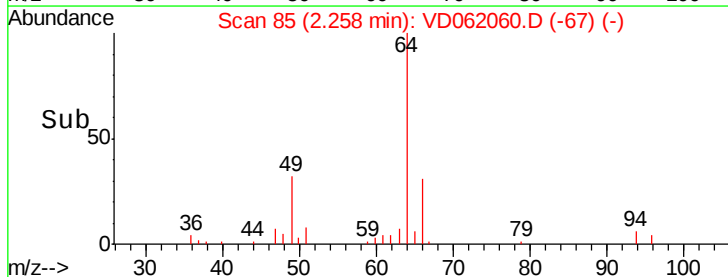
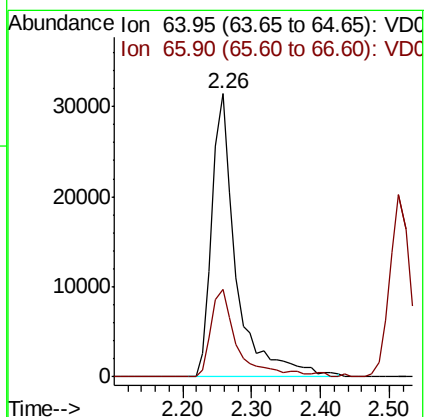
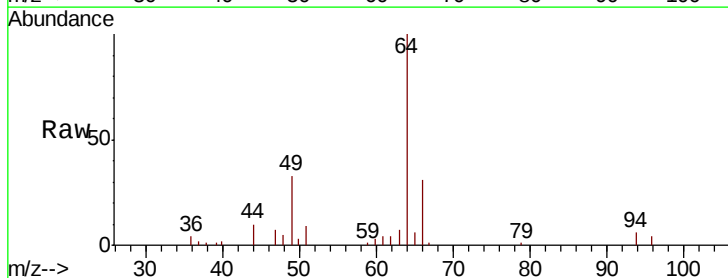
Acq: 29 Apr 2019 13:43

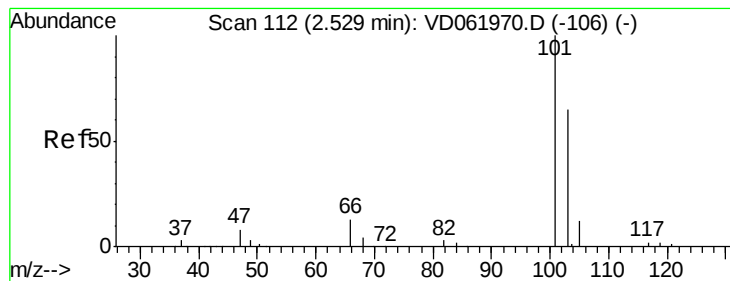
Tgt Ion: 64 Resp: 77234

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4



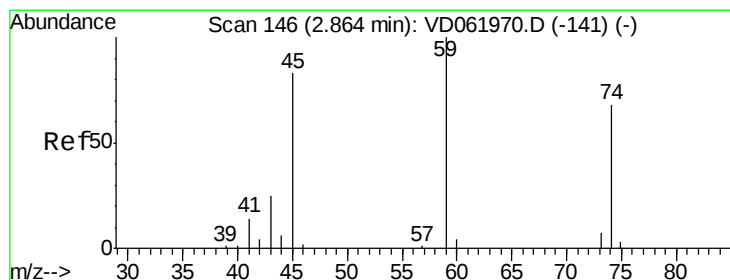
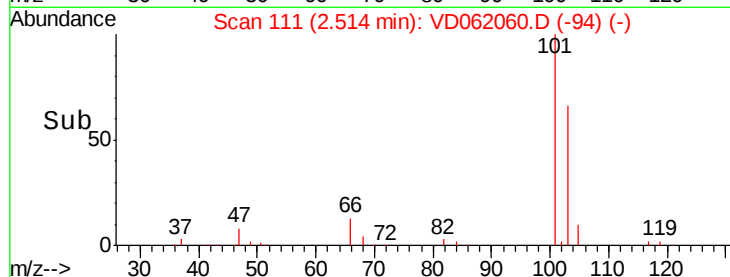
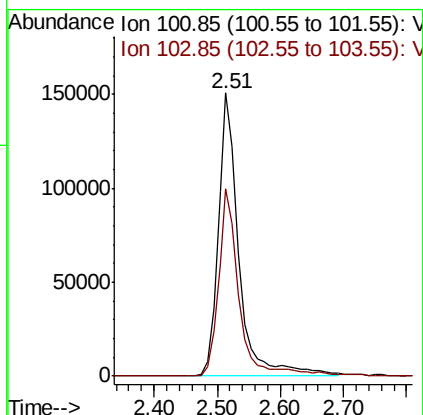
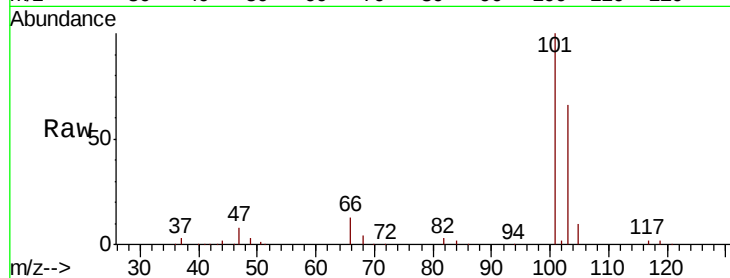


#7

Trichlorofluoromethane
 Concen: 57.460 ug/l
 RT: 2.51 min Scan# 111
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

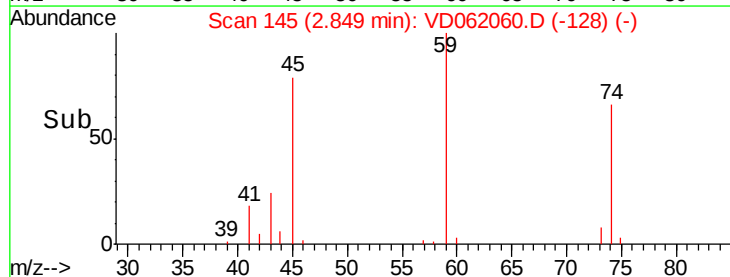
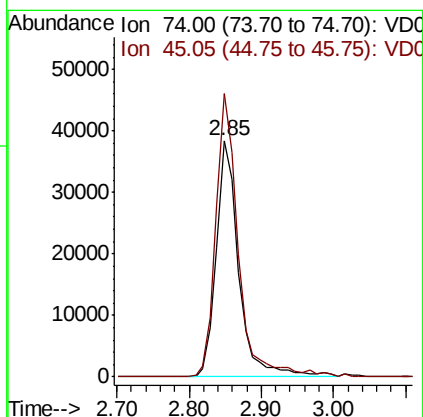
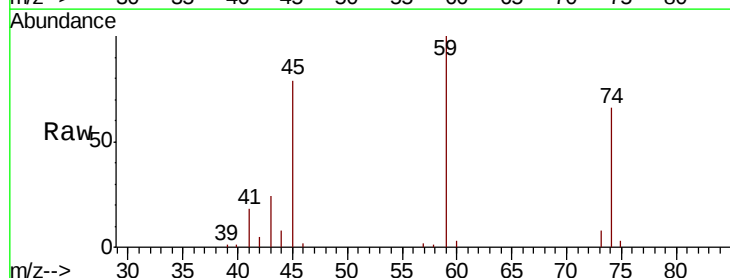
Tgt Ion: 101 Resp: 345275
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.6 80.4



#8

Diethyl Ether
 Concen: 51.348 ug/l
 RT: 2.85 min Scan# 145
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 74 Resp: 82696
 Ion Ratio Lower Upper
 74 100
 45 119.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.586 ug/l

RT: 3.13 min Scan# 174

Delta R.T. -0.03 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

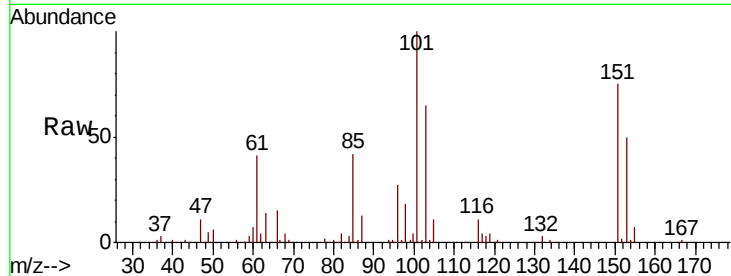
Tgt Ion:101 Resp: 280016

Ion Ratio Lower Upper

101 100

85 41.8 32.4 48.6

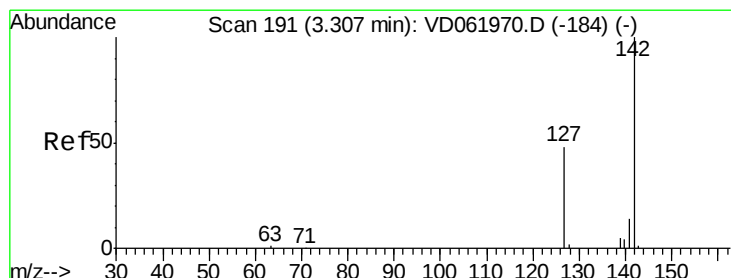
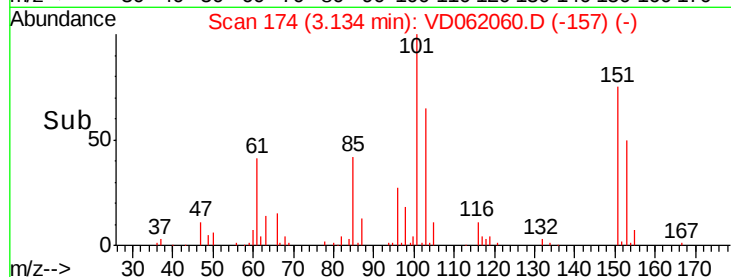
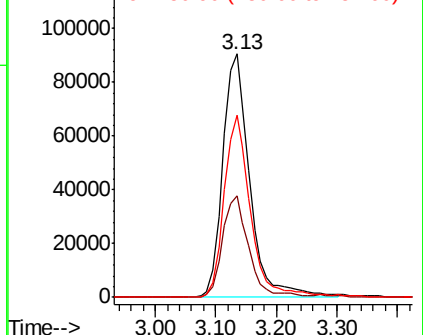
151 74.9 59.4 89.0



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: 47.018 ug/l

RT: 3.28 min Scan# 189

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

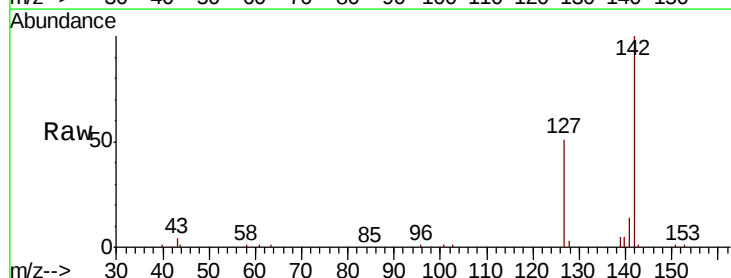
Tgt Ion:142 Resp: 393453

Ion Ratio Lower Upper

142 100

127 51.1 38.8 58.2

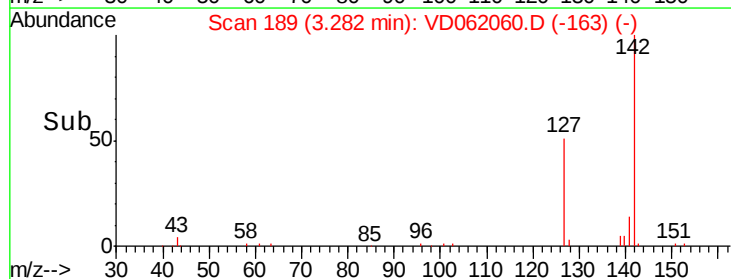
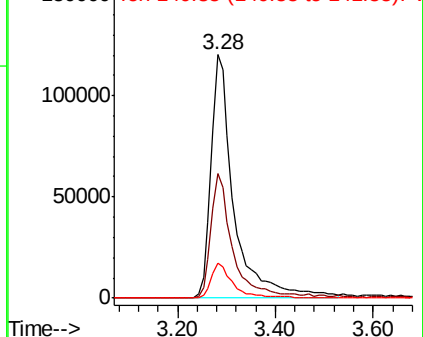
141 14.3 11.4 17.0

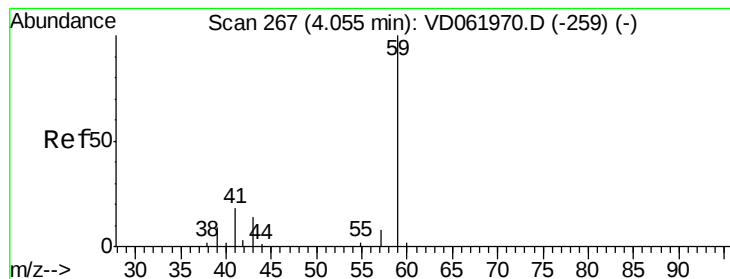


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



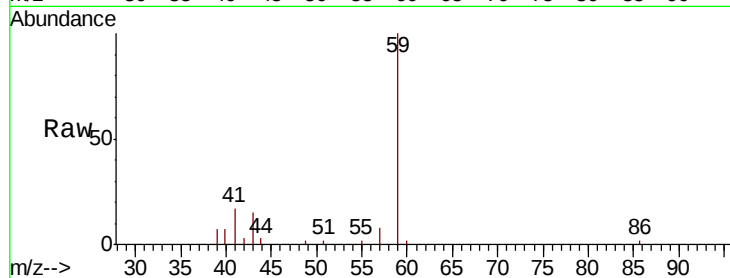


#11

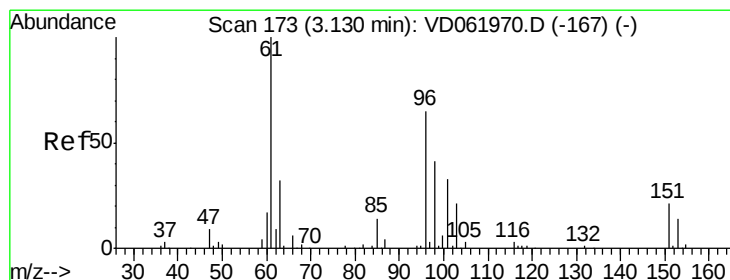
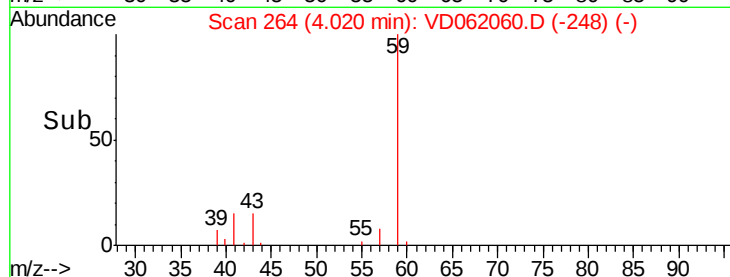
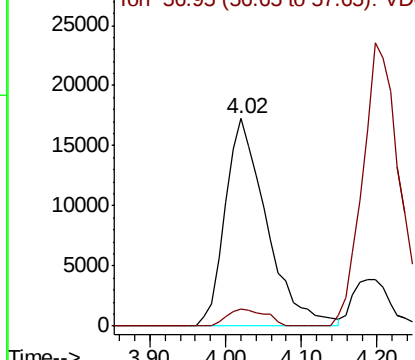
Tert butyl alcohol
 Concen: 256.827 ug/l
 RT: 4.02 min Scan# 264
 Delta R.T. -0.04 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 59 Resp: 65617
 Ion Ratio Lower Upper
 59 100
 57 8.0 6.9 10.3



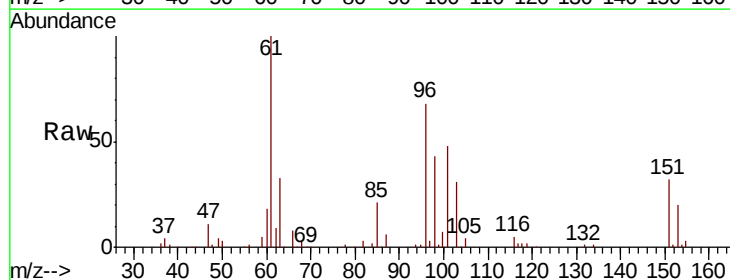
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



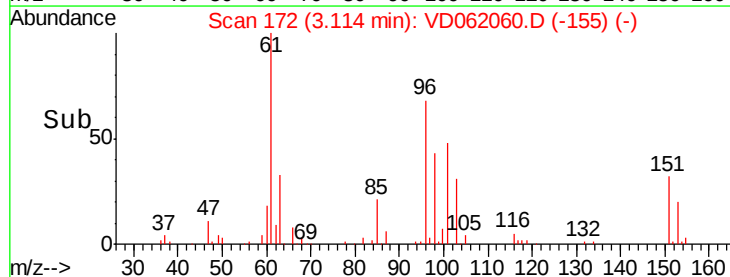
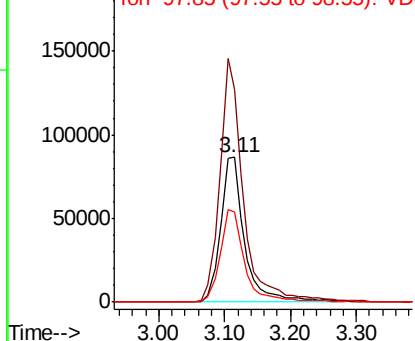
#12

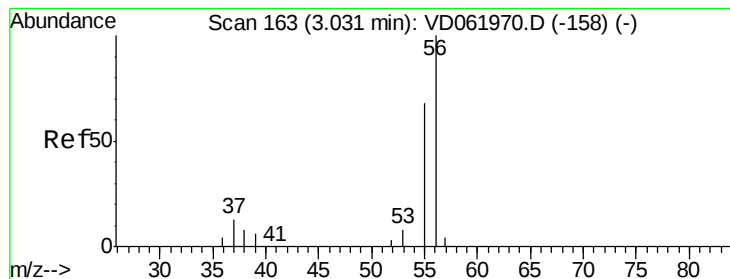
1,1-Dichloroethene
 Concen: 46.745 ug/l
 RT: 3.11 min Scan# 172
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 96 Resp: 220143
 Ion Ratio Lower Upper
 96 100
 61 146.8 129.8 194.8
 98 62.4 51.2 76.8



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





#13

Acrolein

Concen: 263.546 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.03 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

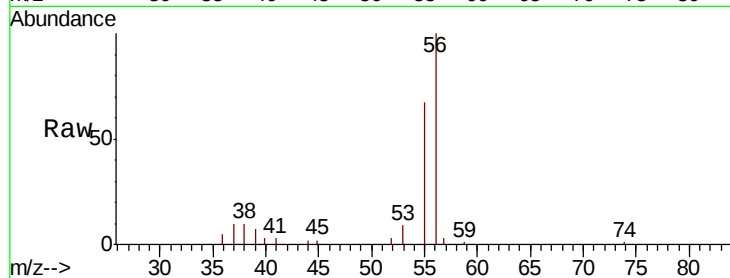
VSTDCCC050

Tgt Ion: 56 Resp: 69863

Ion Ratio Lower Upper

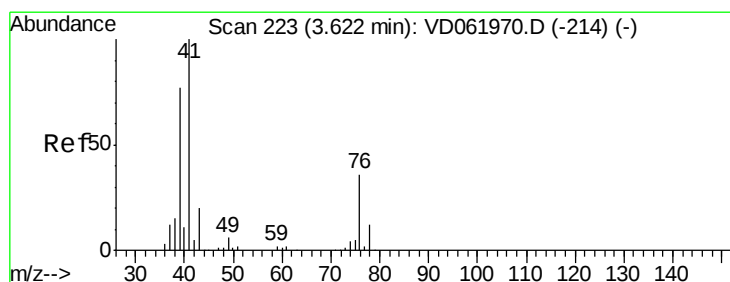
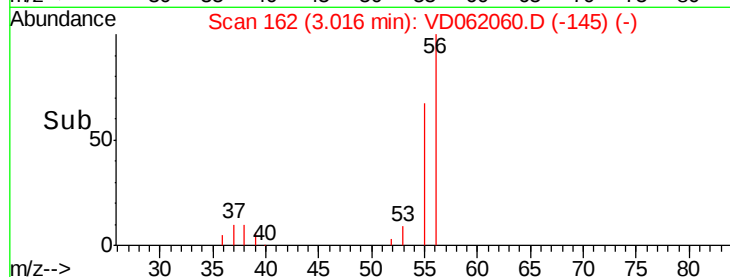
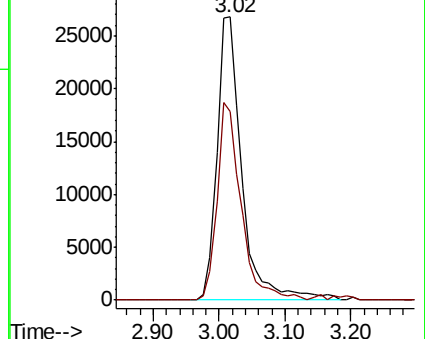
56 100

55 66.7 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.648 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

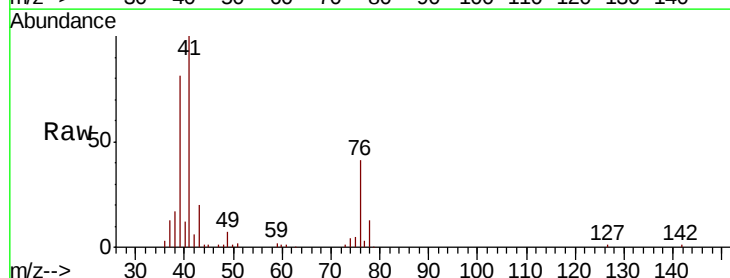
Tgt Ion: 41 Resp: 306411

Ion Ratio Lower Upper

41 100

39 80.9 60.5 90.7

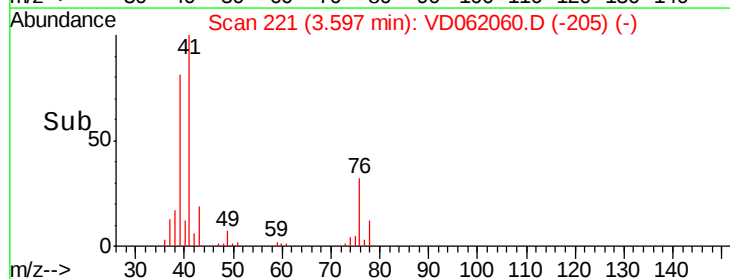
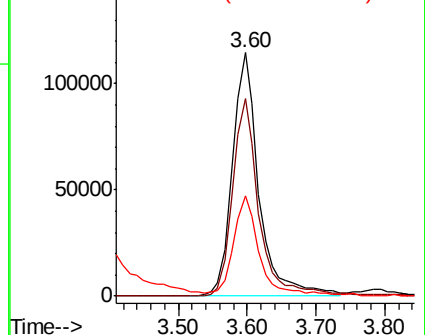
76 41.1 31.8 47.8

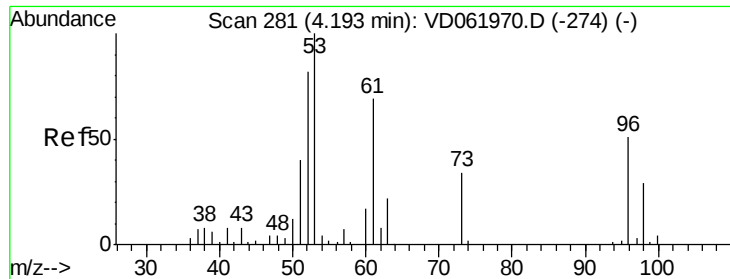


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 238.895 ug/l

RT: 4.16 min Scan# 278

Delta R.T. -0.05 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

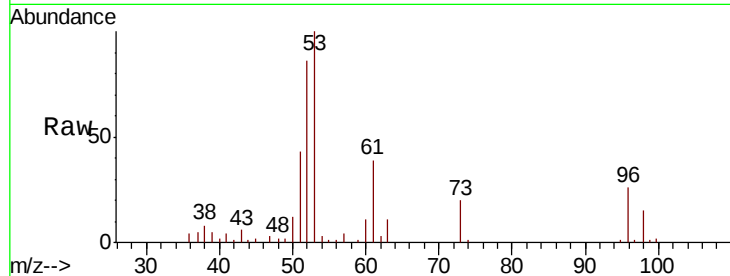
Tgt Ion: 53 Resp: 188999

Ion Ratio Lower Upper

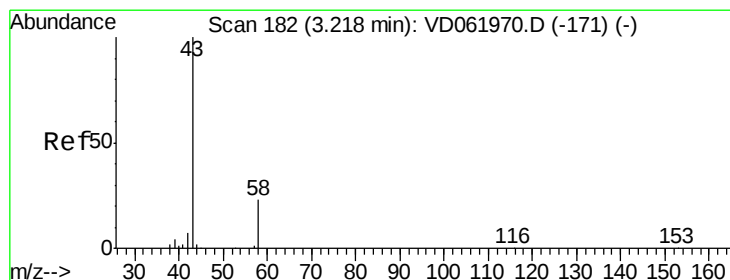
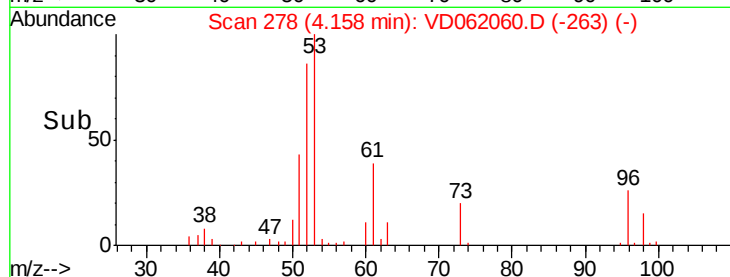
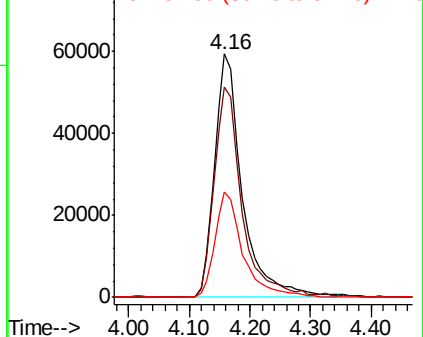
53 100

52 86.4 65.0 97.4

51 43.2 32.6 48.8



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: 265.119 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062060.D

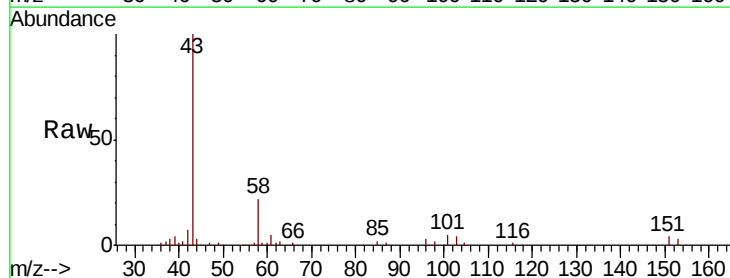
Acq: 29 Apr 2019 13:43

Tgt Ion: 43 Resp: 286249

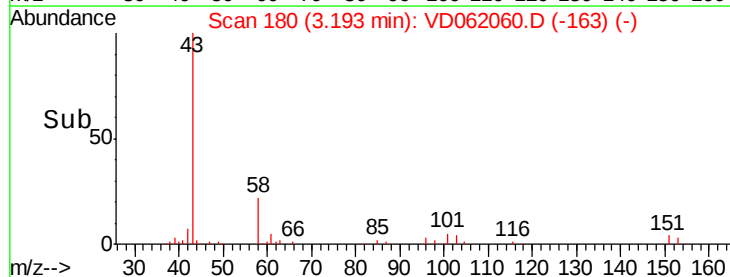
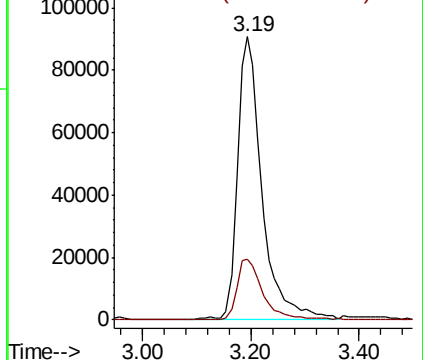
Ion Ratio Lower Upper

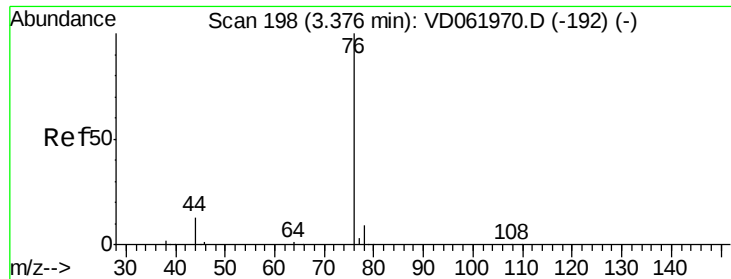
43 100

58 21.6 19.9 29.9



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

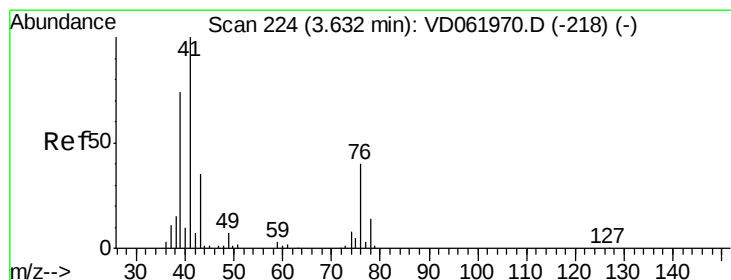
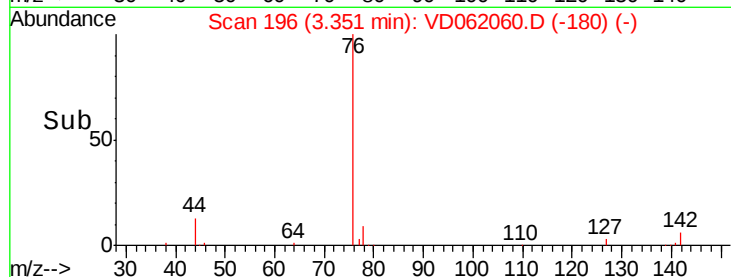
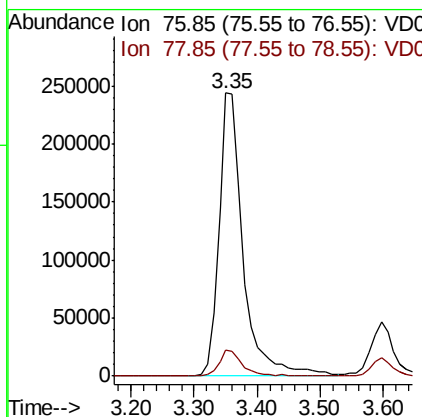
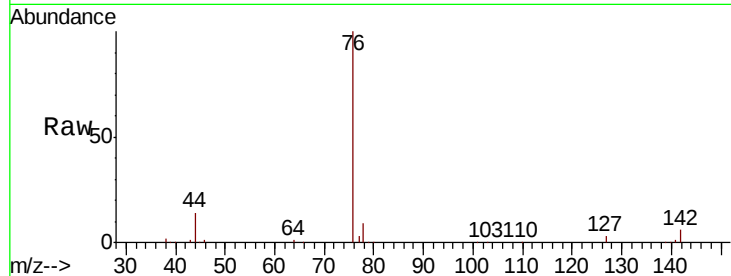




#17
Carbon Disulfide
Concen: 47.963 ug/l
RT: 3.35 min Scan# 196
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

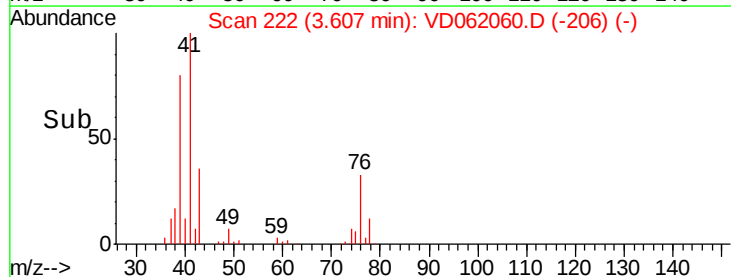
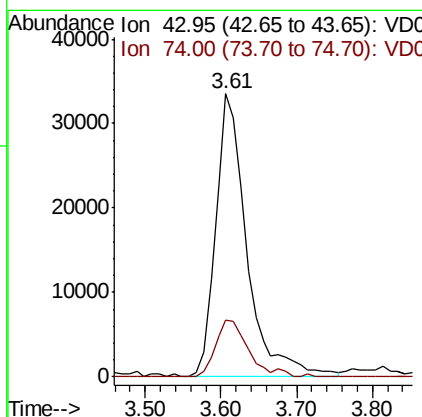
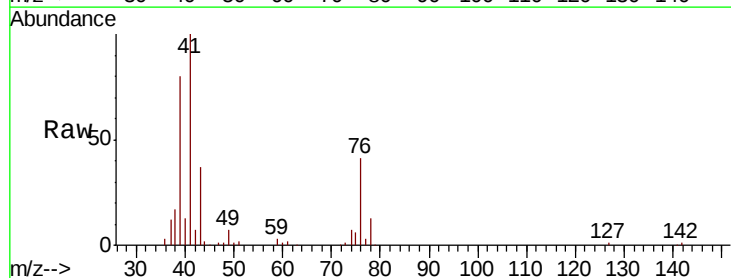
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 652724
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 49.088 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 43 Resp: 96197
Ion Ratio Lower Upper
43 100
74 20.2 18.0 27.0

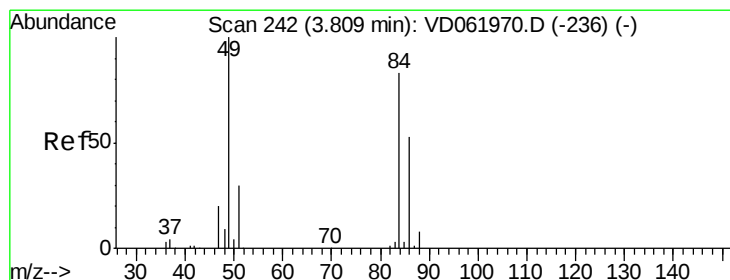
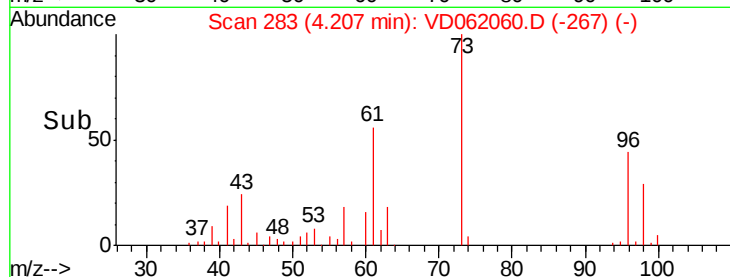
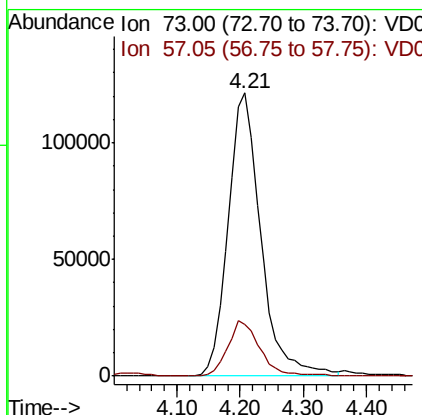
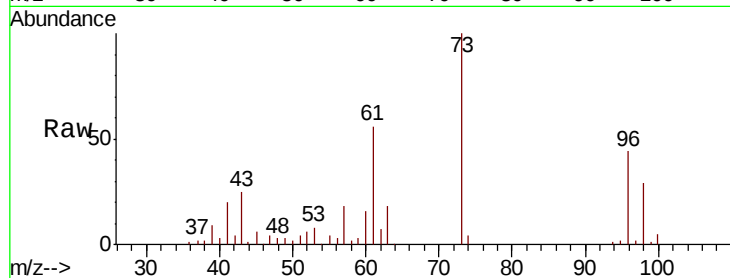




#19
Methyl tert-butyl Ether
Concen: 46.579 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

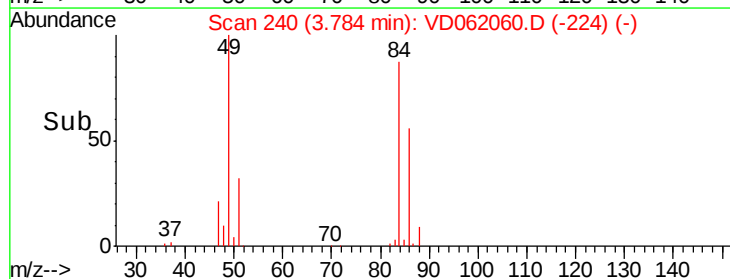
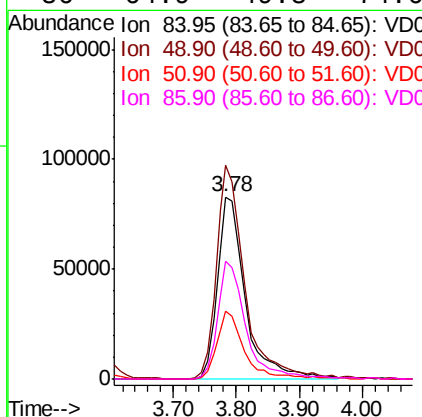
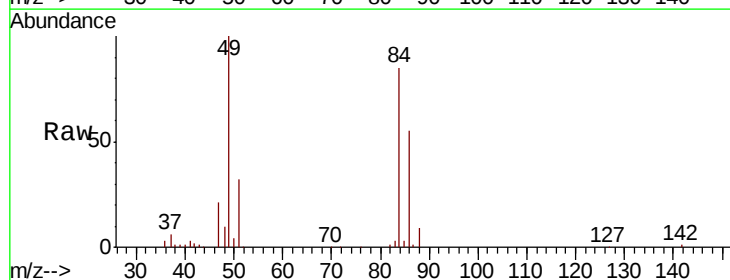
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

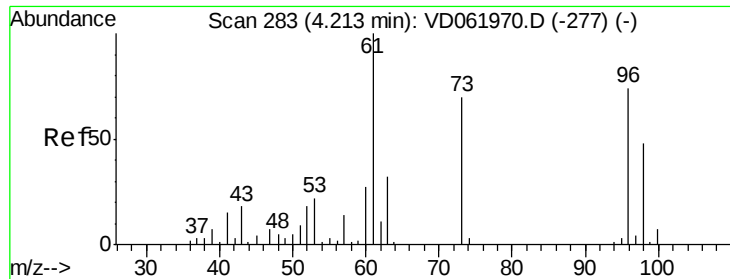
Tgt Ion: 73 Resp: 435235
Ion Ratio Lower Upper
73 100
57 18.4 16.3 24.5



#20
Methylene Chloride
Concen: 48.863 ug/l
RT: 3.78 min Scan# 240
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 84 Resp: 257217
Ion Ratio Lower Upper
84 100
49 117.5 94.0 141.0
51 37.3 29.0 43.4
86 64.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 45.925 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.03 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

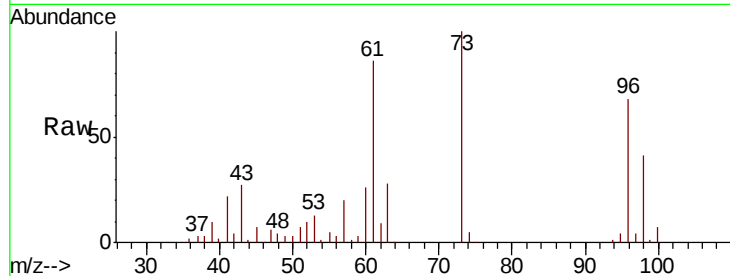
Tgt Ion: 96 Resp: 248114

Ion Ratio Lower Upper

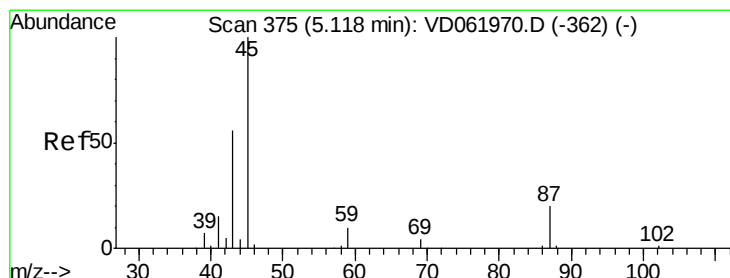
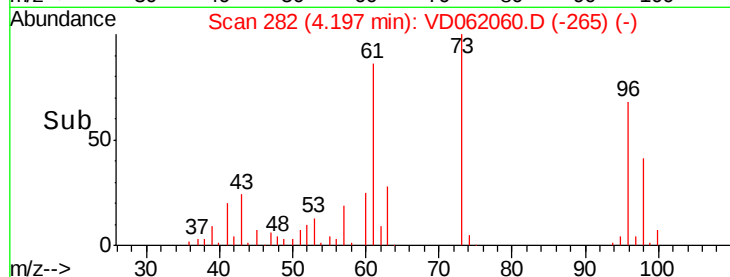
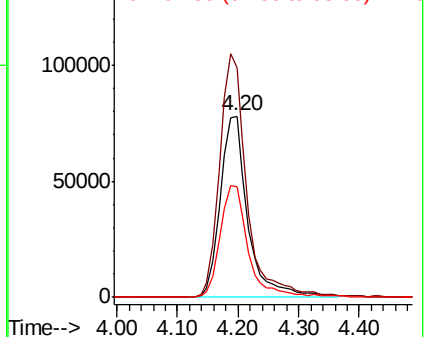
96 100

61 126.9 104.4 156.6

98 60.7 51.8 77.8



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: 47.737 ug/l

RT: 5.08 min Scan# 372

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Tgt Ion: 45 Resp: 716715

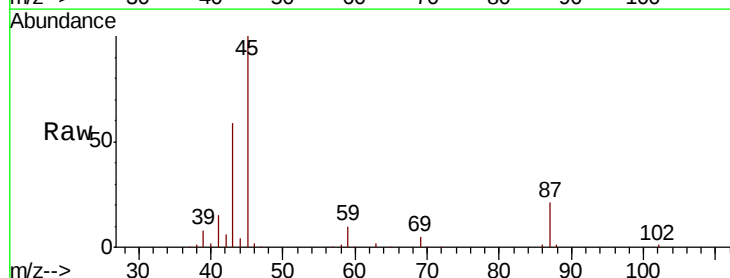
Ion Ratio Lower Upper

45 100

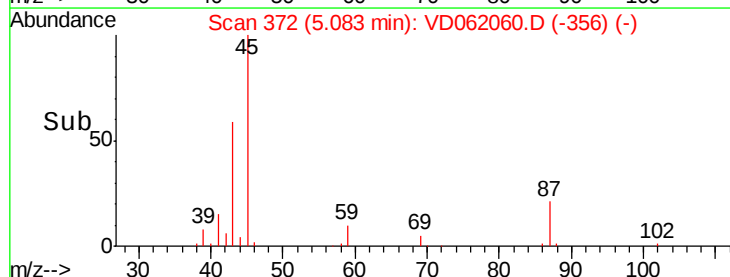
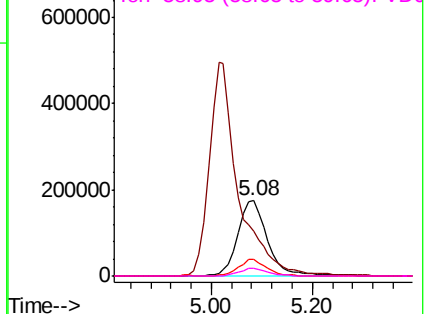
43 59.3 46.2 69.2

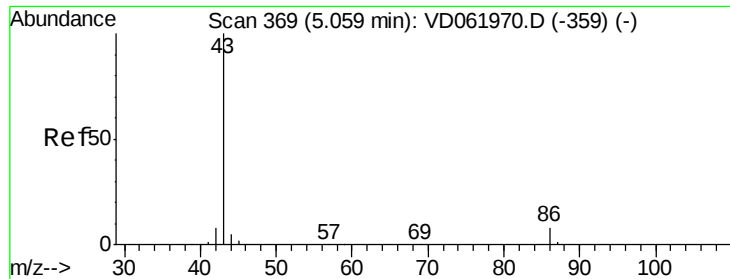
87 21.3 15.9 23.9

59 10.4 7.9 11.9



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: 253.317 ug/l

RT: 5.01 min Scan# 365

Delta R.T. -0.05 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

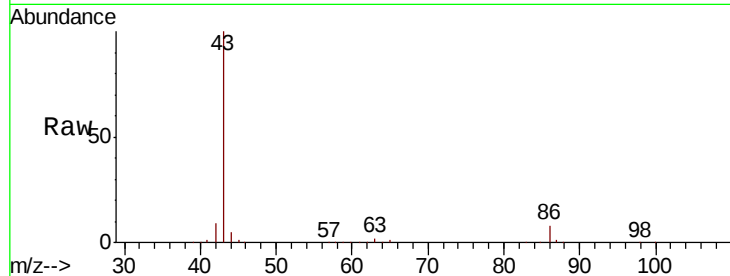
VSTDCCC050

Tgt Ion: 43 Resp: 1980618

Ion Ratio Lower Upper

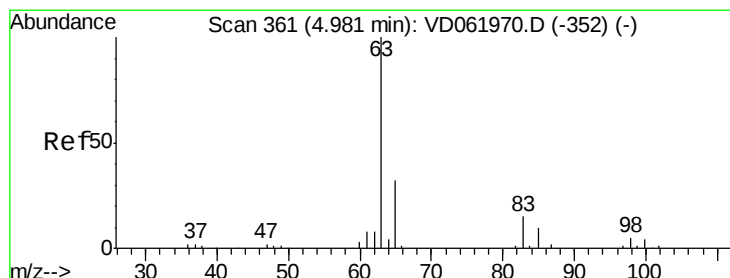
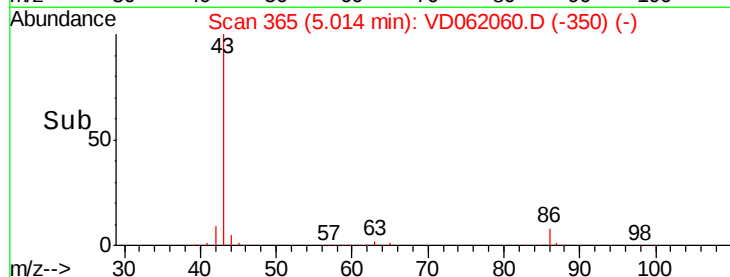
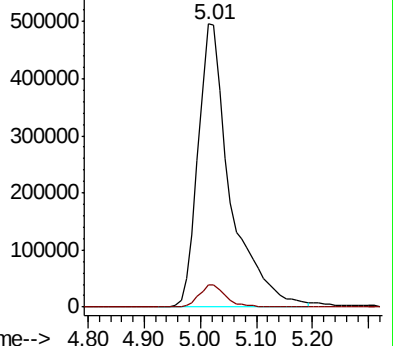
43 100

86 7.7 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.175 ug/l

RT: 4.95 min Scan# 358

Delta R.T. -0.05 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

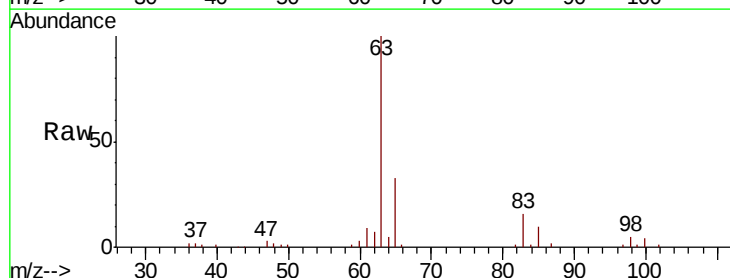
Tgt Ion: 63 Resp: 437163

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

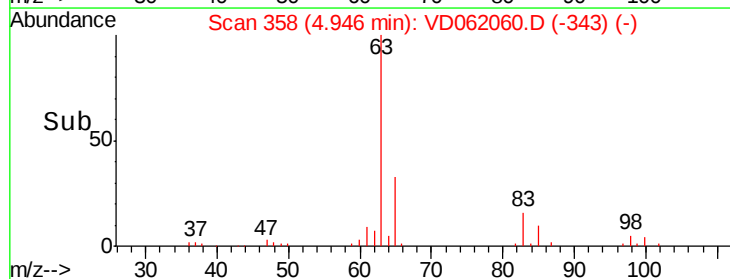
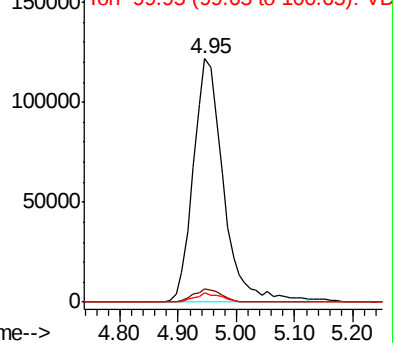
100 3.7 1.8 5.5

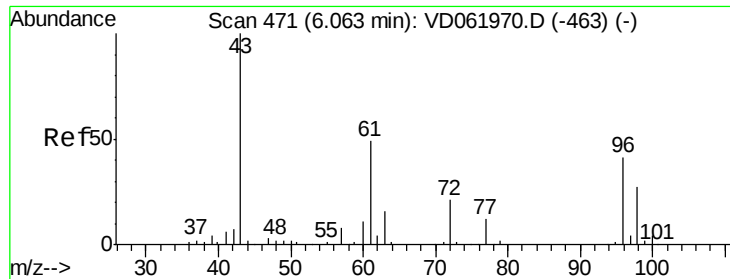


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 262.294 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.05 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

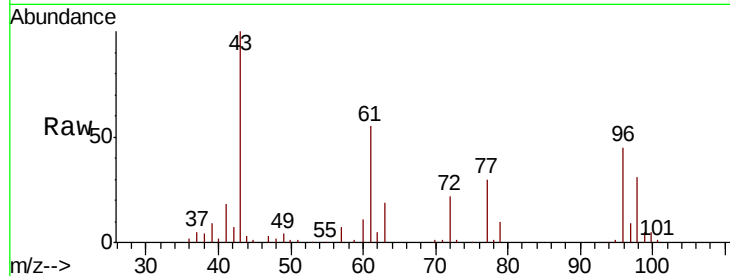
VSTDCCC050

Tgt Ion: 43 Resp: 343358

Ion Ratio Lower Upper

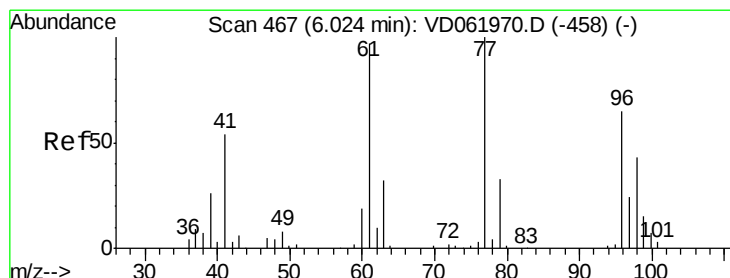
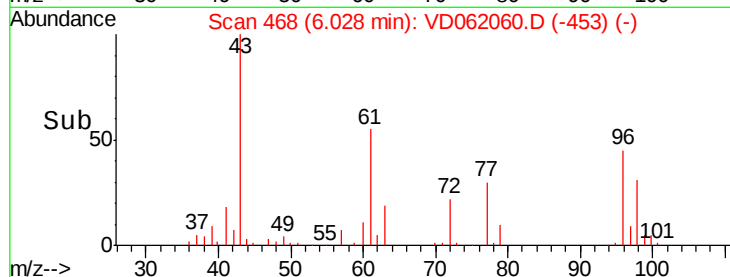
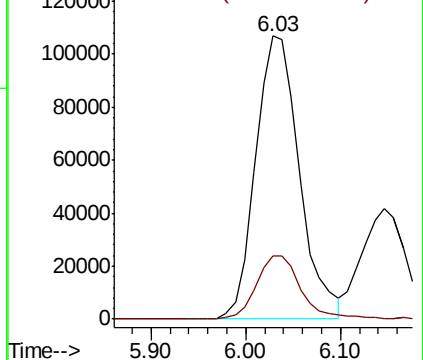
43 100

72 22.1 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 53.008 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.04 min

Lab File: VD062060.D

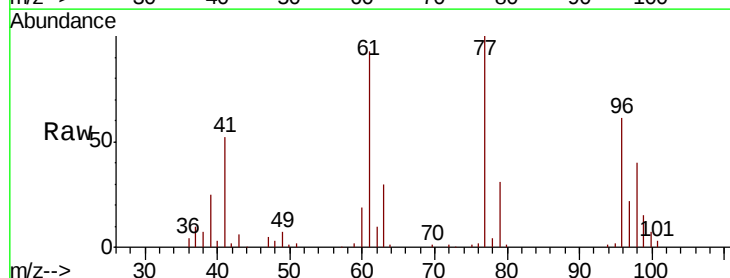
Acq: 29 Apr 2019 13:43

Tgt Ion: 77 Resp: 419646

Ion Ratio Lower Upper

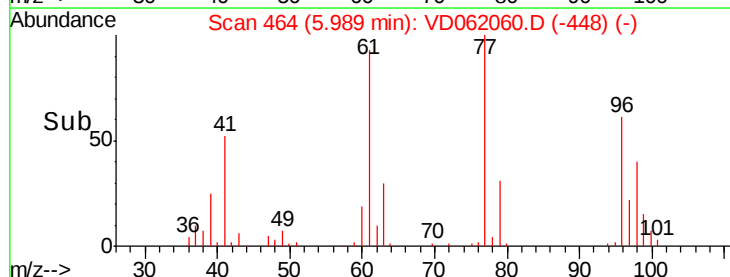
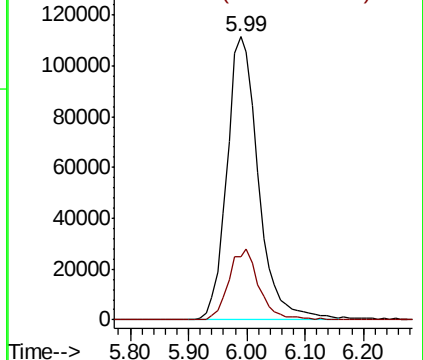
77 100

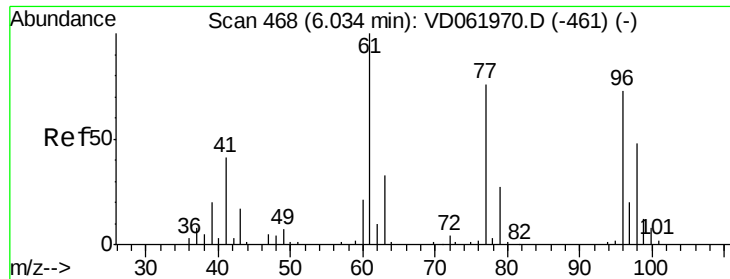
97 22.3 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



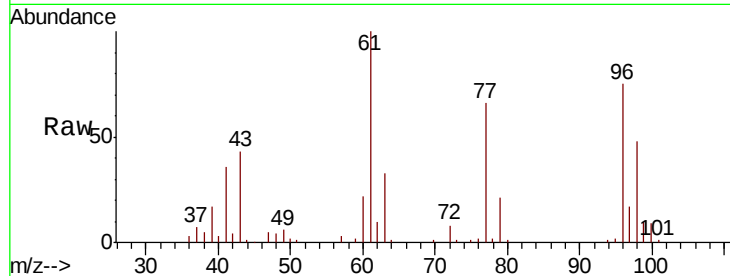


#27

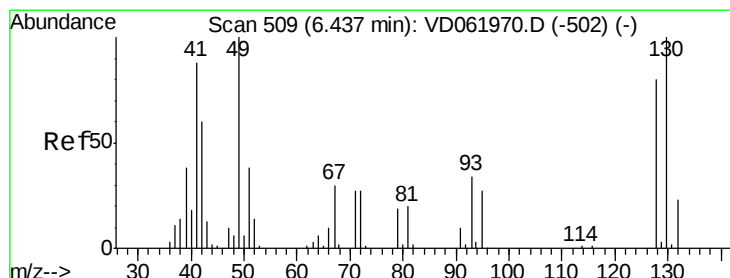
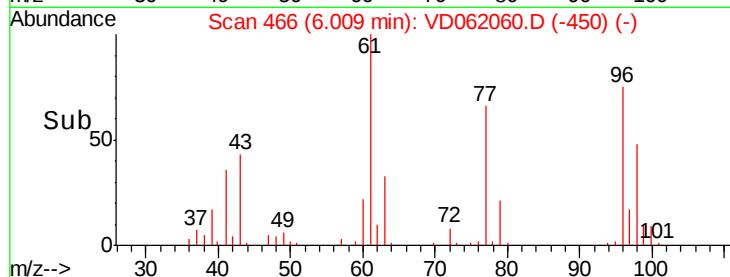
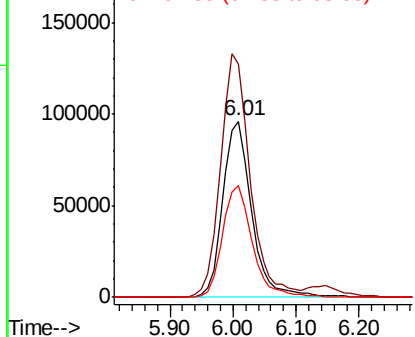
cis-1,2-Dichloroethene
Concen: 49.830 ug/l
RT: 6.01 min Scan# 466
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 306259
Ion Ratio Lower Upper
96 100
61 132.9 0.0 279.8
98 63.7 0.0 136.0



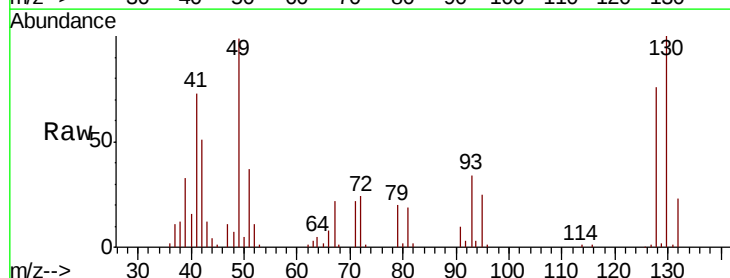
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



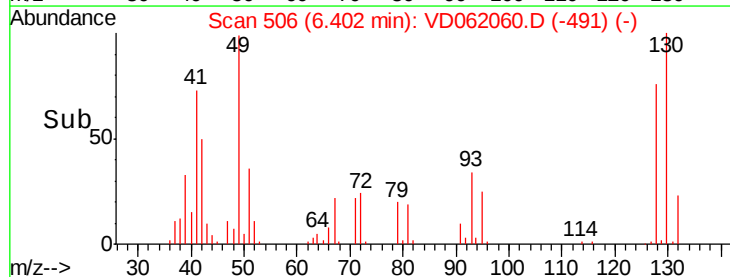
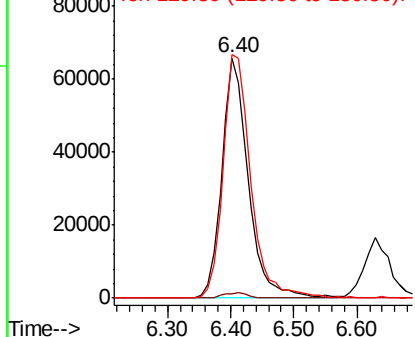
#28

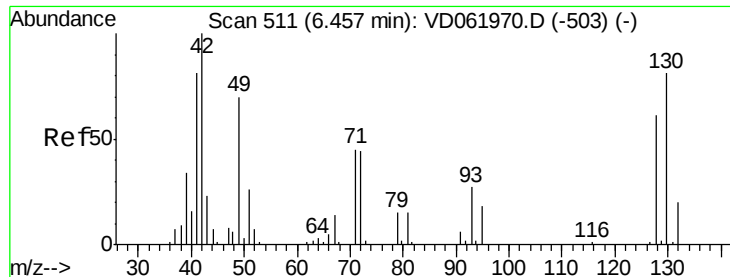
Bromochloromethane
Concen: 55.103 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.05 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 49 Resp: 191325
Ion Ratio Lower Upper
49 100
129 1.9 0.0 6.6
130 101.4 86.7 130.1



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 243.951 ug/l

RT: 6.42 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

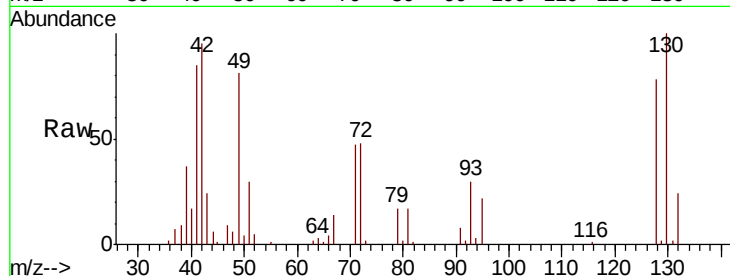
Tgt Ion: 42 Resp: 157350

Ion Ratio Lower Upper

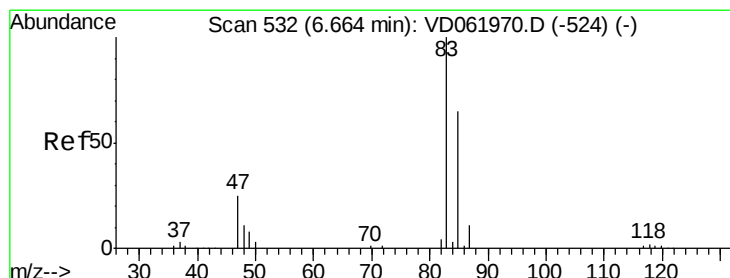
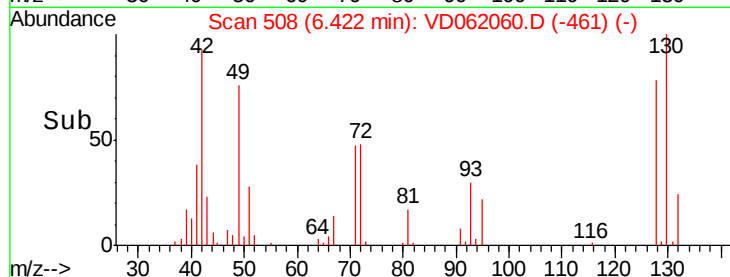
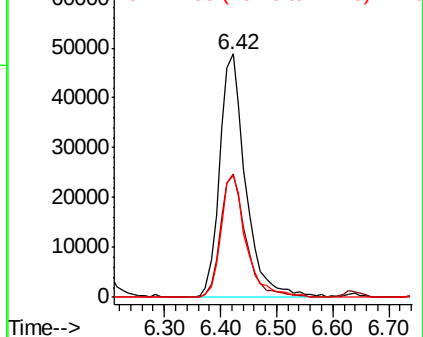
42 100

72 49.3 37.8 56.6

71 48.3 36.7 55.1



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: 52.928 ug/l

RT: 6.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: VD062060.D

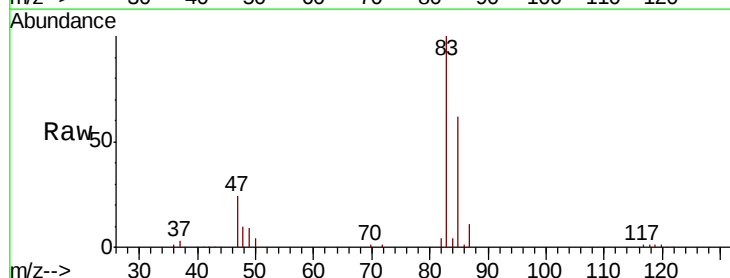
Acq: 29 Apr 2019 13:43

Tgt Ion: 83 Resp: 545539

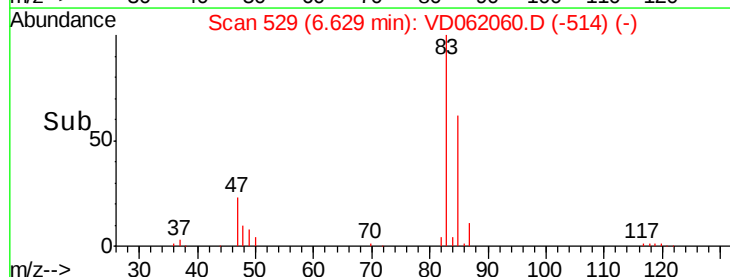
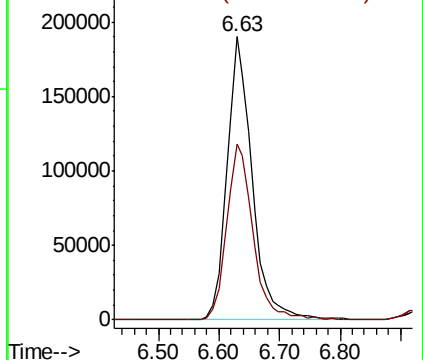
Ion Ratio Lower Upper

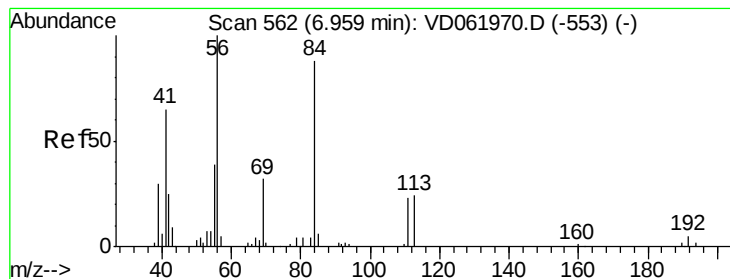
83 100

85 62.3 51.7 77.5



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





#31

Cyclohexane

Concen: 50.757 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

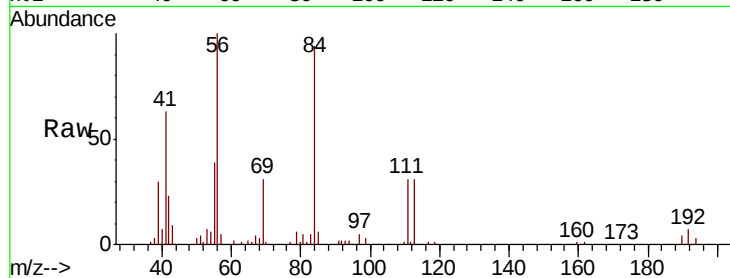
Tgt Ion: 56 Resp: 341882

Ion Ratio Lower Upper

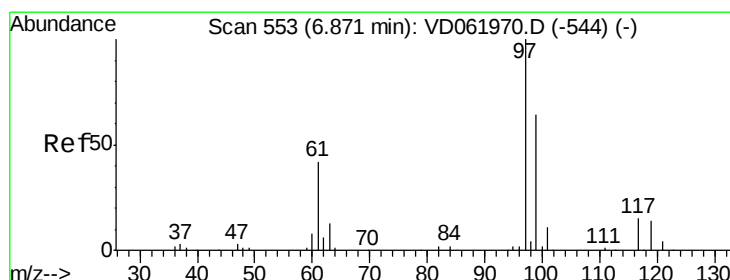
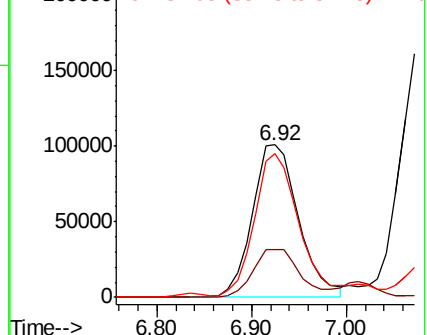
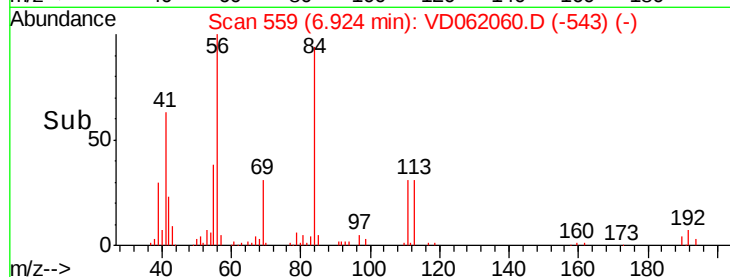
56 100

69 31.2 25.8 38.6

84 93.9 72.2 108.4



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: 53.690 ug/l

RT: 6.84 min Scan# 550

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

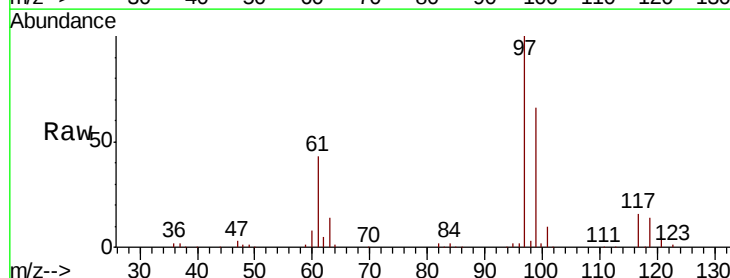
Tgt Ion: 97 Resp: 481498

Ion Ratio Lower Upper

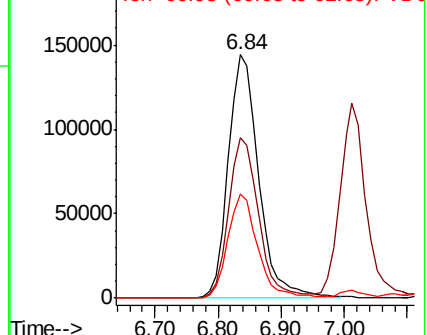
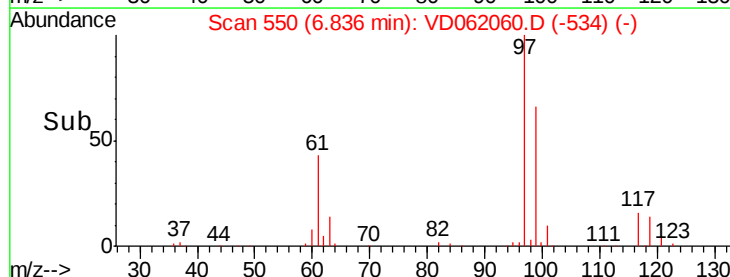
97 100

99 65.6 52.2 78.2

61 42.9 32.4 48.6



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: 56.485 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

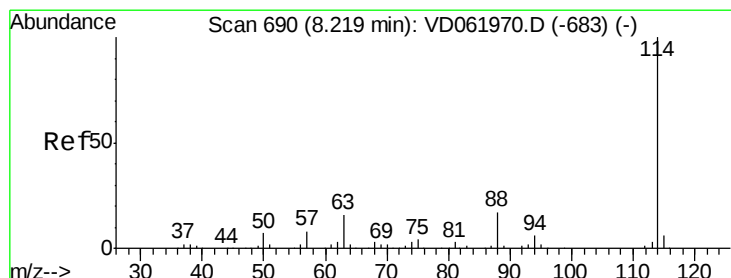
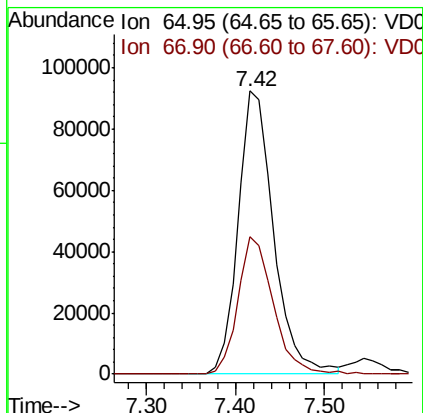
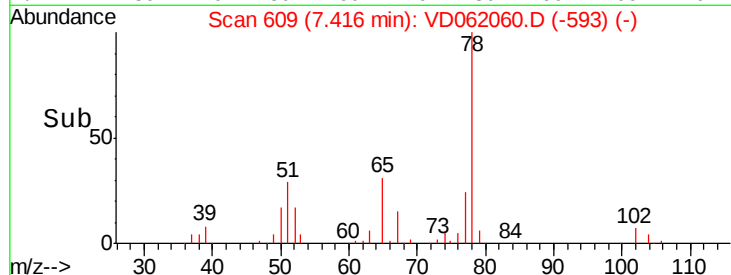
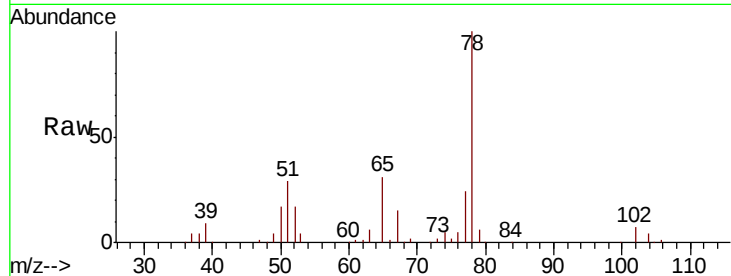
VSTDCCC050

Tgt Ion: 65 Resp: 255422

Ion Ratio Lower Upper

65 100

67 48.8 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.18 min Scan# 687

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

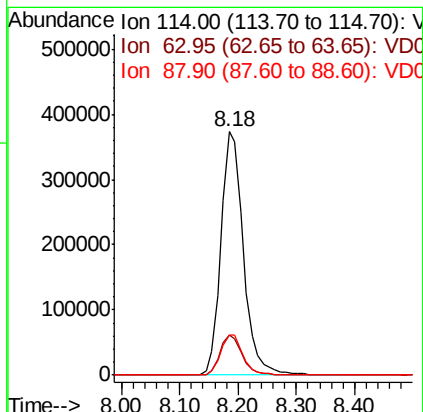
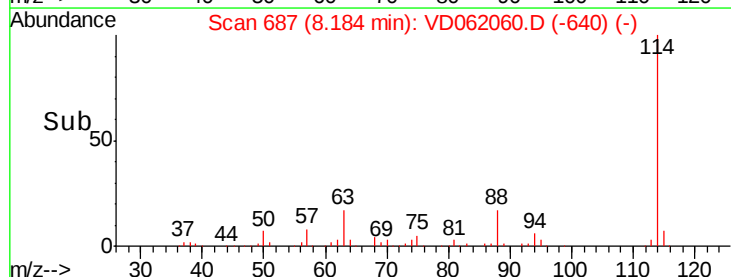
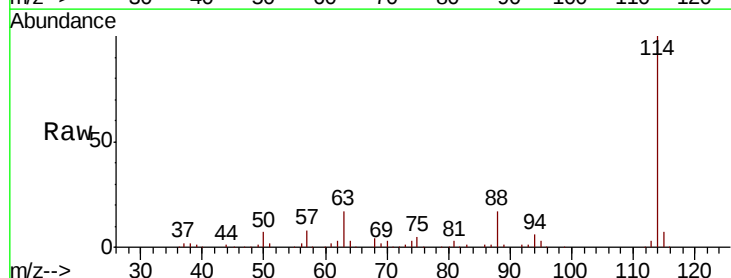
Tgt Ion: 114 Resp: 998801

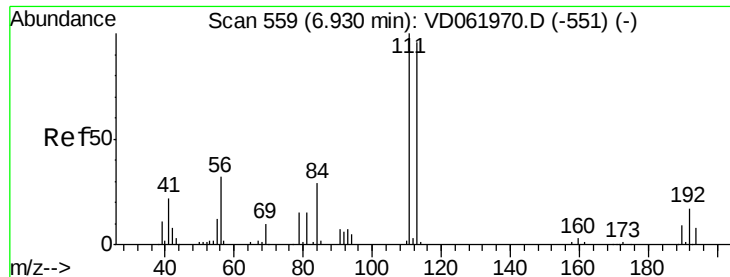
Ion Ratio Lower Upper

114 100

63 16.6 0.0 32.4

88 16.6 0.0 33.6

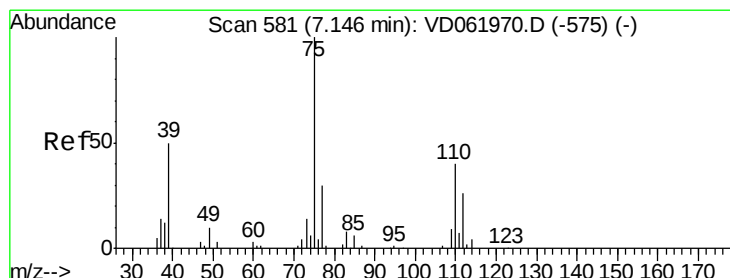
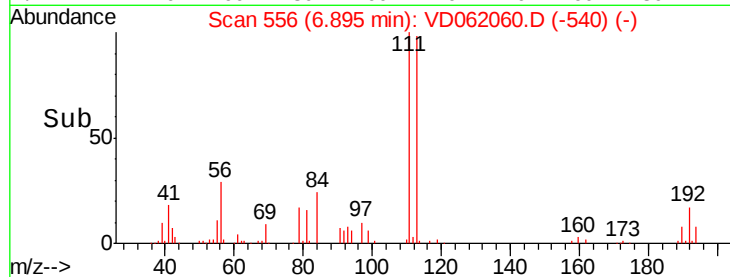
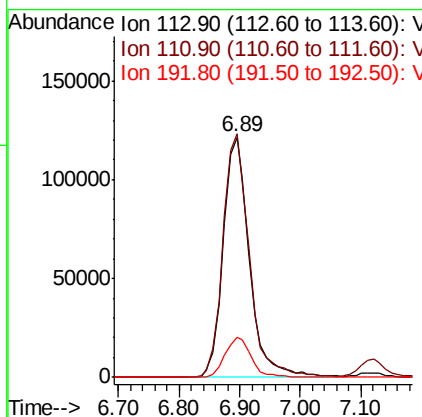
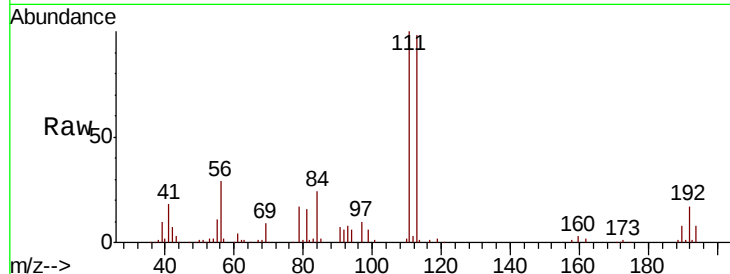




#35
 Dibromofluoromethane
 Concen: 52.994 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.04 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

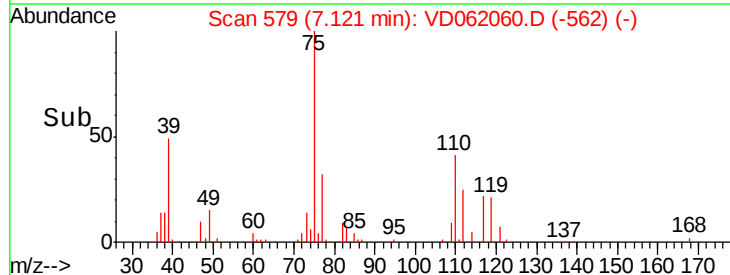
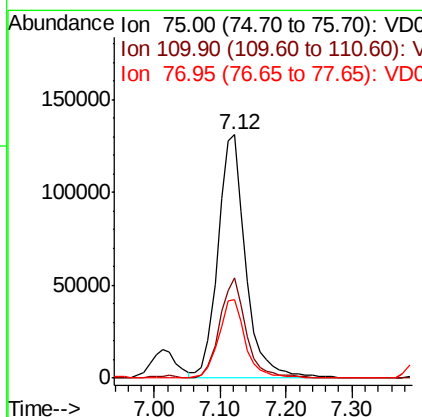
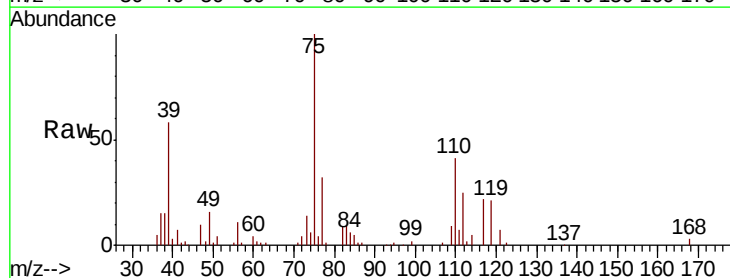
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

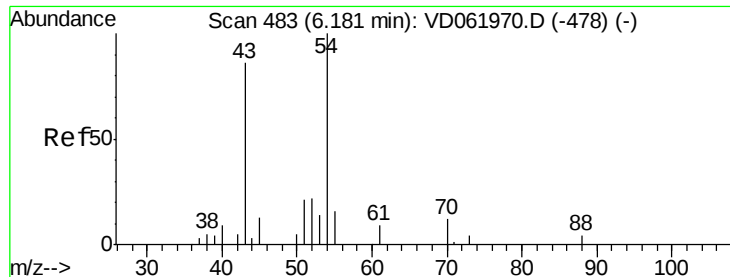
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	78.5	117.7
192	16.9	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 48.804 ug/l
 RT: 7.12 min Scan# 579
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.1	19.1	57.1
77	32.0	25.6	38.4





#37

Ethyl Acetate

Concen: 43.615 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

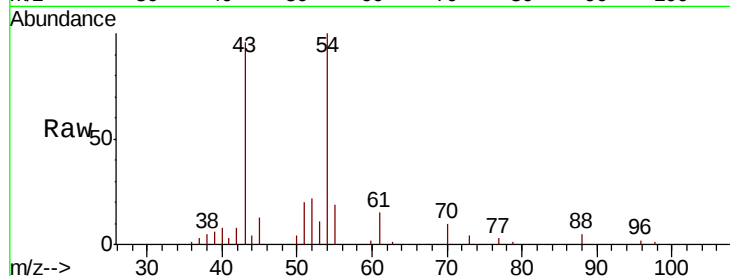
Tgt Ion: 43 Resp: 144630

Ion Ratio Lower Upper

43 100

61 15.9 14.7 22.1

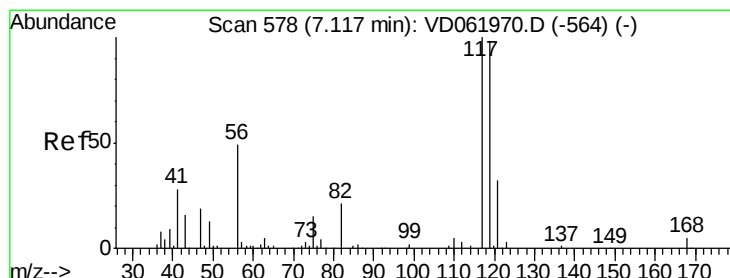
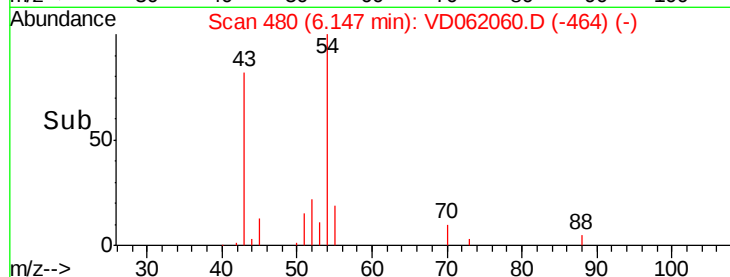
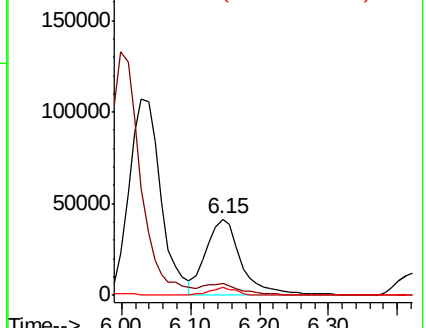
70 9.9 7.8 11.6



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: 54.180 ug/l

RT: 7.08 min Scan# 575

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

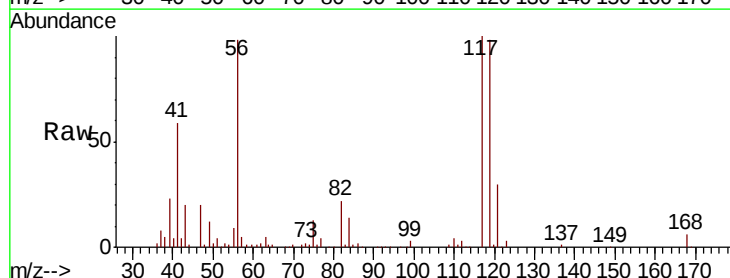
Tgt Ion: 117 Resp: 534258

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

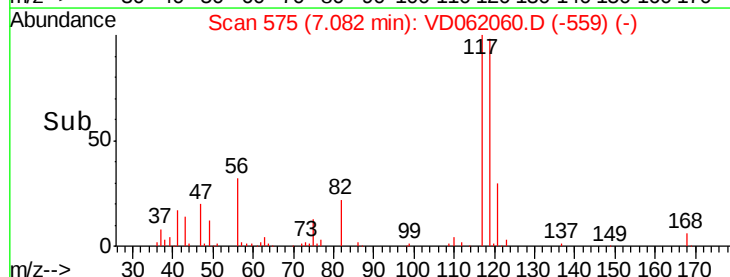
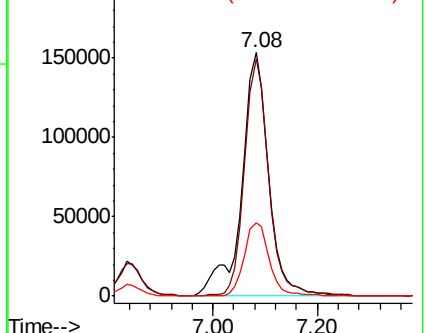
121 30.3 25.9 38.9

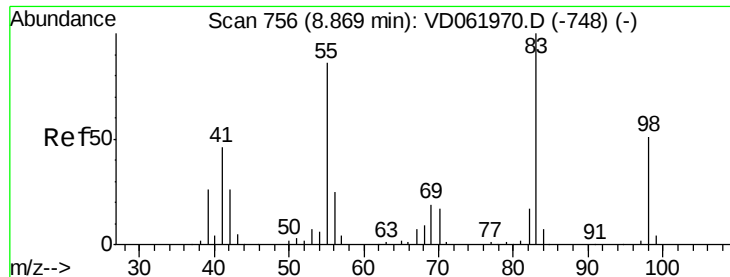


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

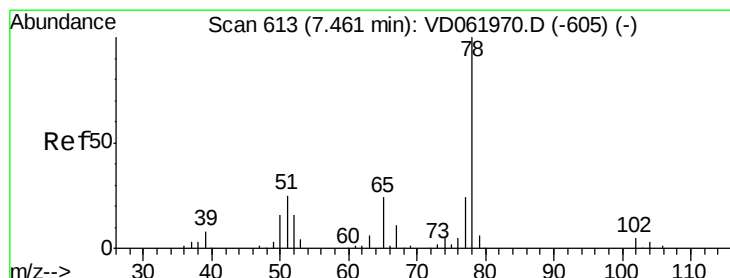
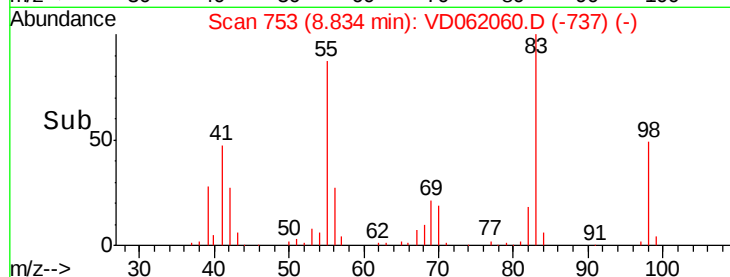
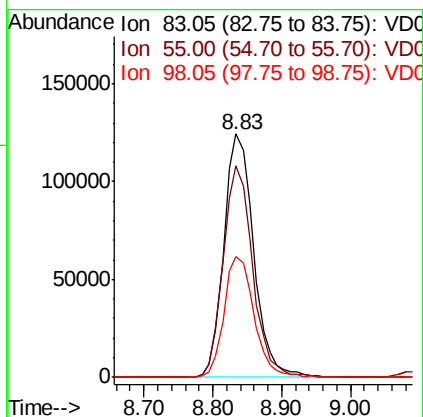
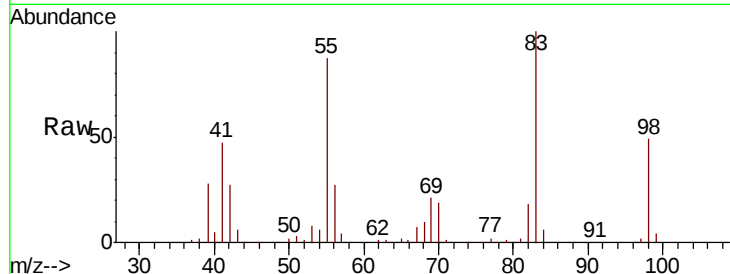




#39
Methylcyclohexane
Concen: 48.720 ug/l
RT: 8.83 min Scan# 753
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

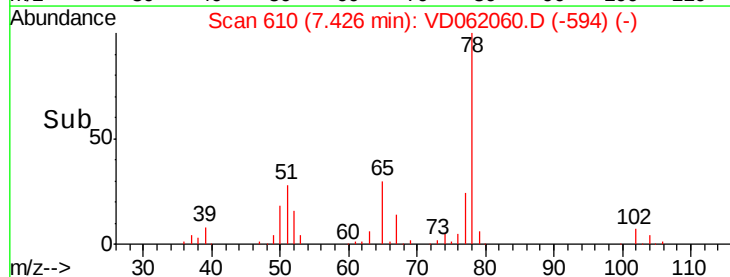
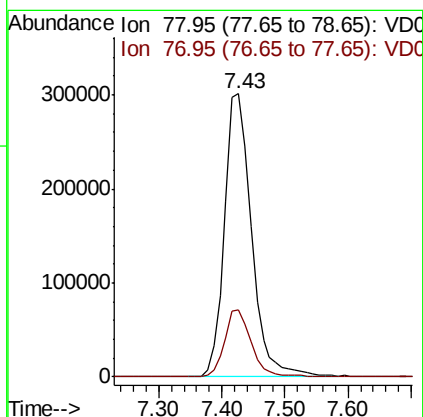
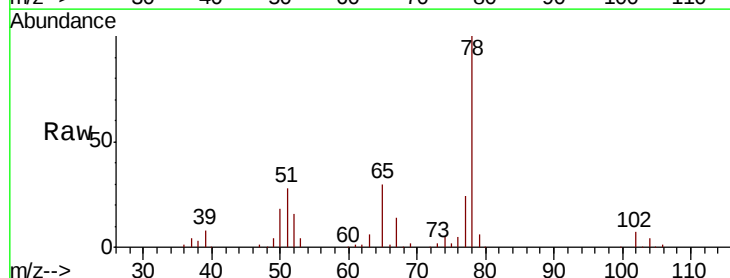
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 374055
Ion Ratio Lower Upper
83 100
55 87.0 68.2 102.4
98 49.4 38.2 57.4



#40
Benzene
Concen: 46.603 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 78 Resp: 897799
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5

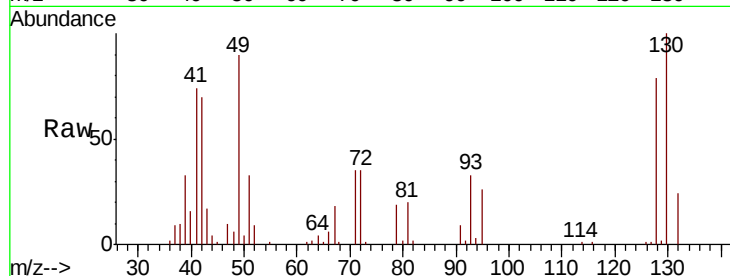




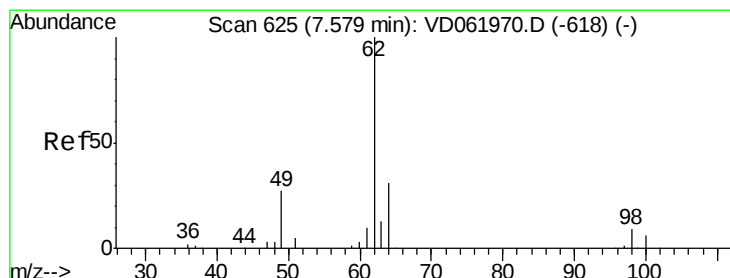
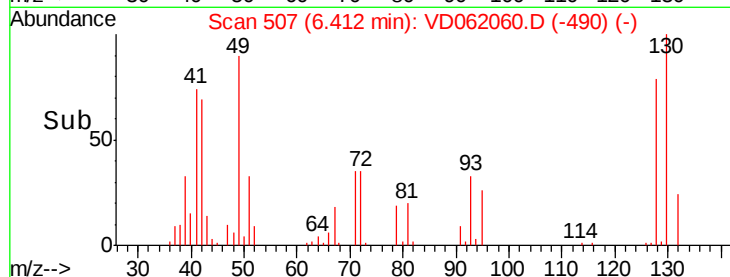
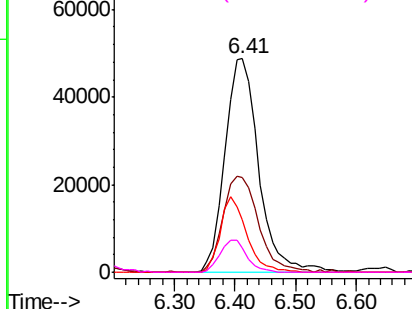
#41
Methacrylonitrile
Concen: 48.807 ug/l
RT: 6.41 min Scan# 507
Delta R.T. -0.03 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 188843
Ion Ratio Lower Upper
41 100
39 44.6 34.1 51.1
67 24.7 23.8 35.6
52 11.4 8.8 13.2

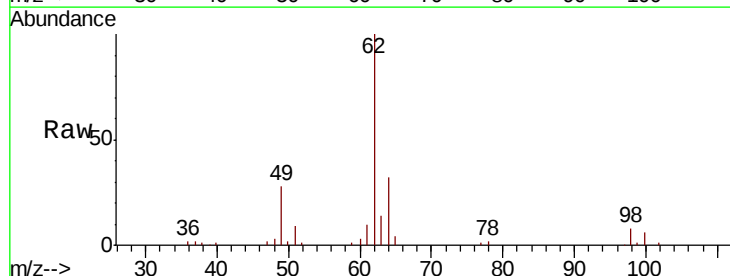


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

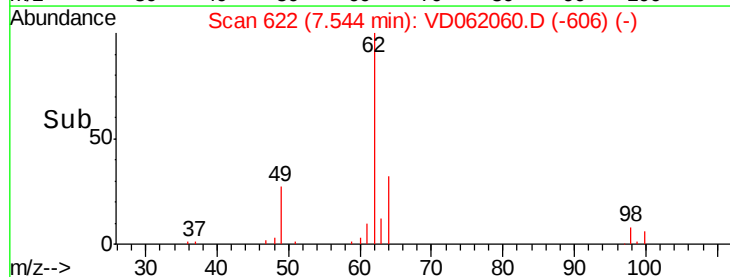
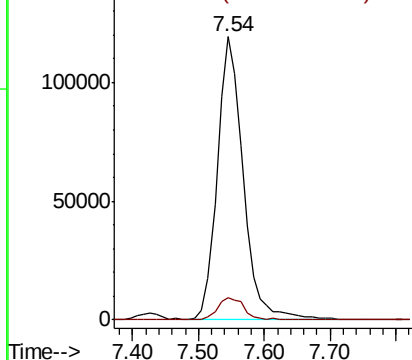


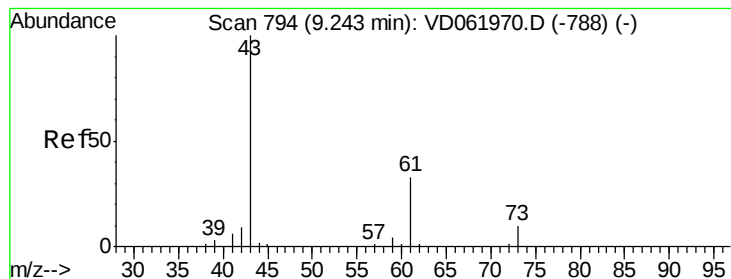
#42
1,2-Dichloroethane
Concen: 49.919 ug/l
RT: 7.54 min Scan# 622
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 62 Resp: 326530
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 47.362 ug/l

RT: 9.21 min Scan# 791

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

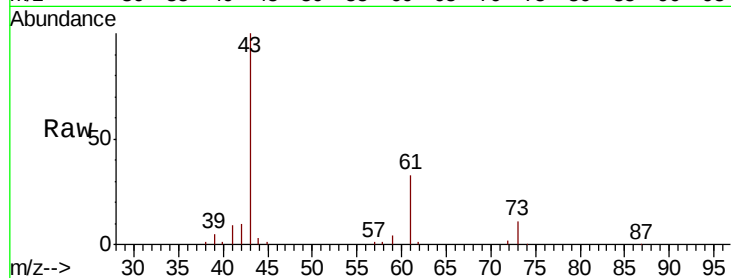
Tgt Ion: 43 Resp: 229479

Ion Ratio Lower Upper

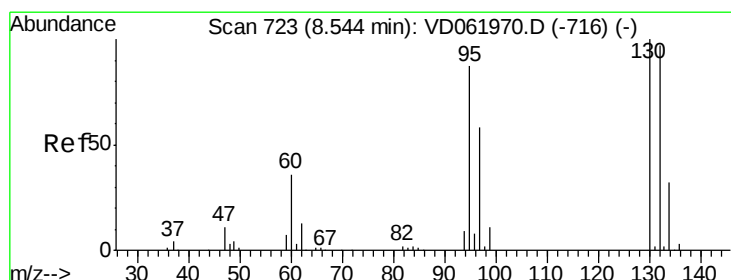
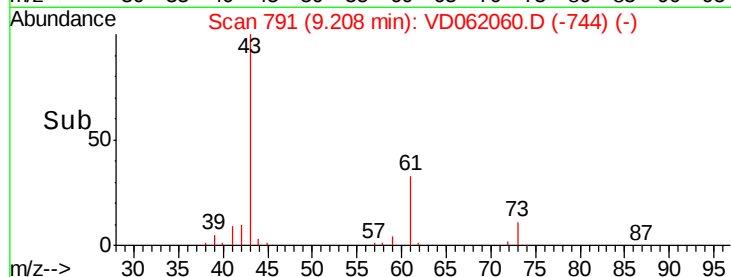
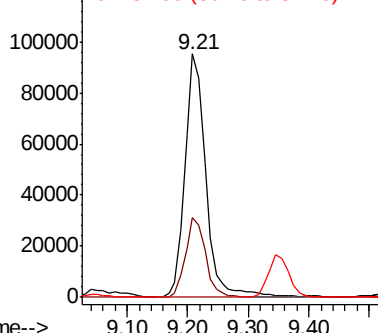
43 100

61 32.9 25.1 37.7

87 0.4 0.0 0.0#



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: 45.571 ug/l

RT: 8.51 min Scan# 720

Delta R.T. -0.04 min

Lab File: VD062060.D

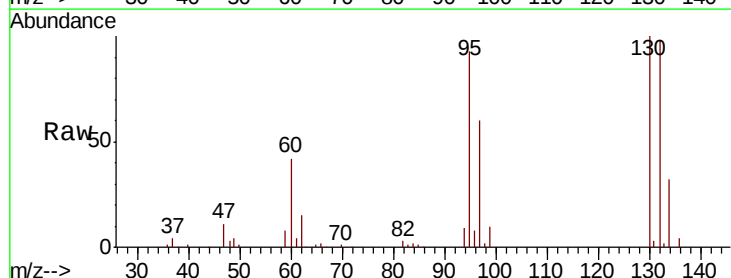
Acq: 29 Apr 2019 13:43

Tgt Ion: 130 Resp: 340361

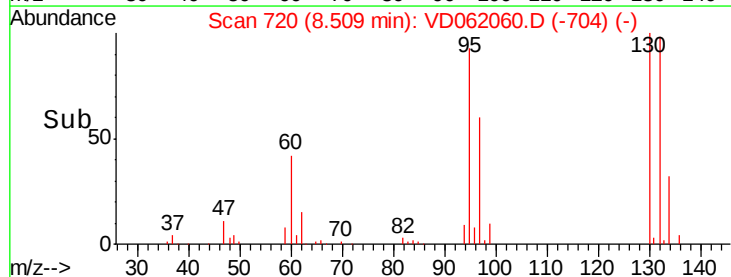
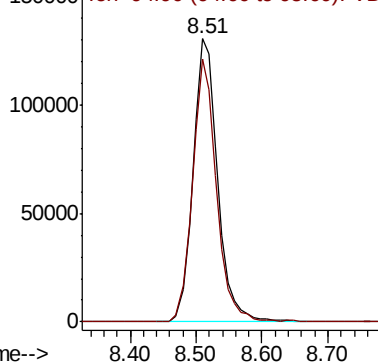
Ion Ratio Lower Upper

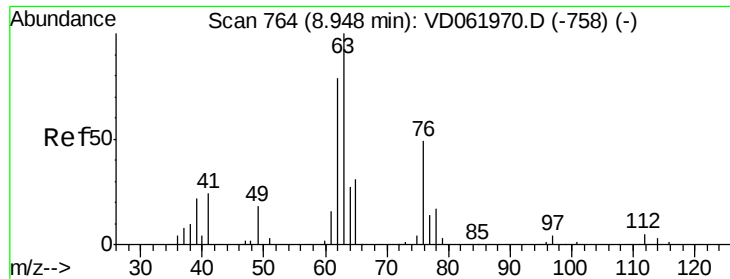
130 100

95 92.8 0.0 174.0



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





#45

1,2-Dichloropropane

Concen: 46.778 ug/l

RT: 8.90 min Scan# 760

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

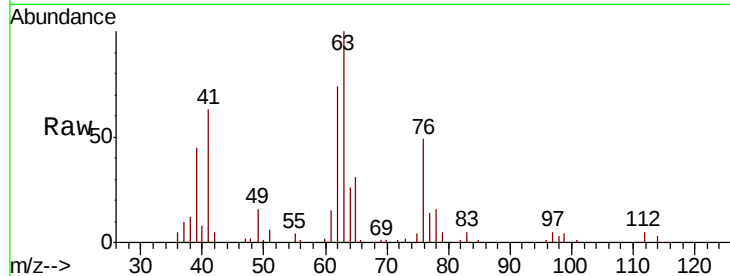
VSTDCCC050

Tgt Ion: 63 Resp: 228618

Ion Ratio Lower Upper

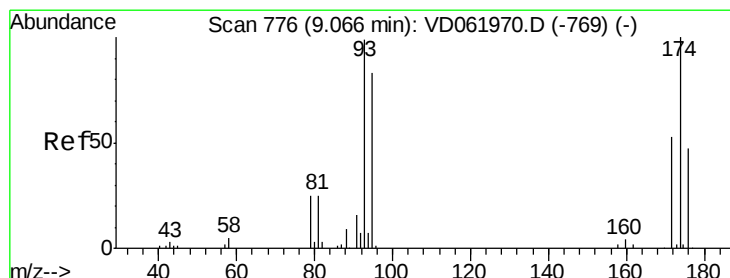
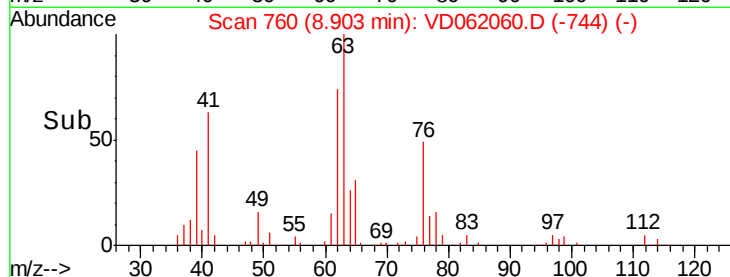
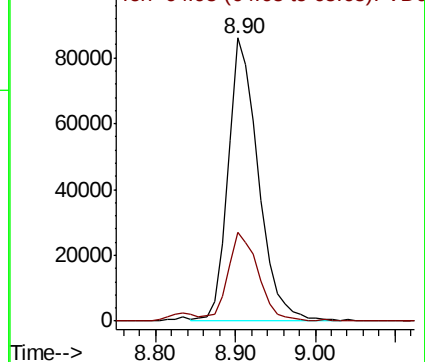
63 100

65 31.3 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 47.875 ug/l

RT: 9.03 min Scan# 773

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

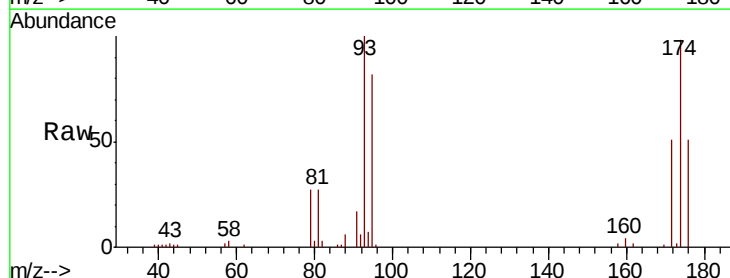
Tgt Ion: 93 Resp: 168362

Ion Ratio Lower Upper

93 100

95 81.8 64.8 97.2

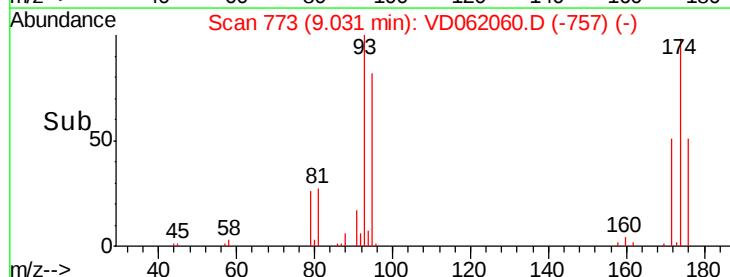
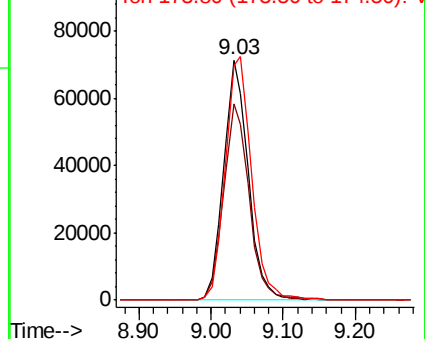
174 97.7 79.3 118.9



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: 47.014 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

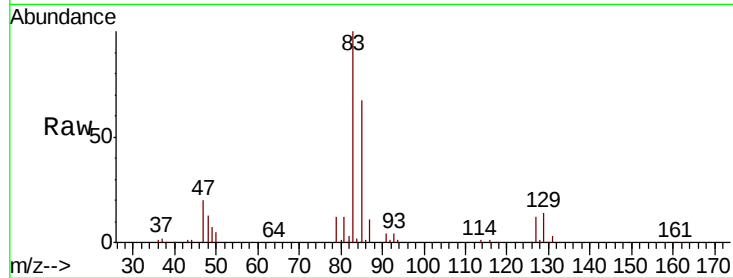
Tgt Ion: 83 Resp: 390660

Ion Ratio Lower Upper

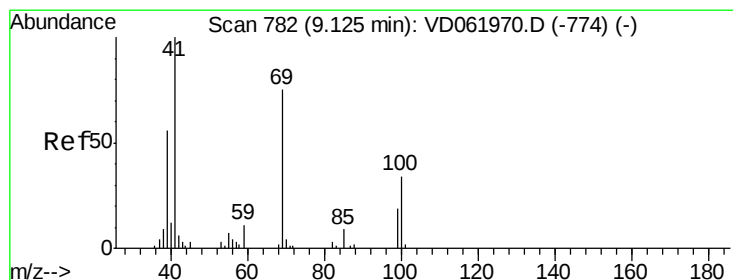
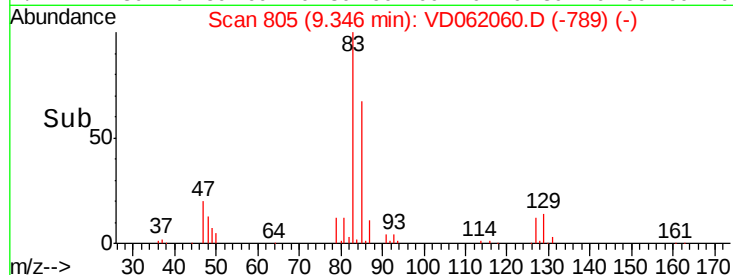
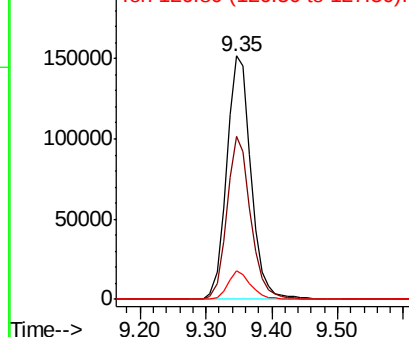
83 100

85 67.2 50.9 76.3

127 11.8 8.1 12.1



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: 45.497 ug/l

RT: 9.09 min Scan# 779

Delta R.T. -0.04 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

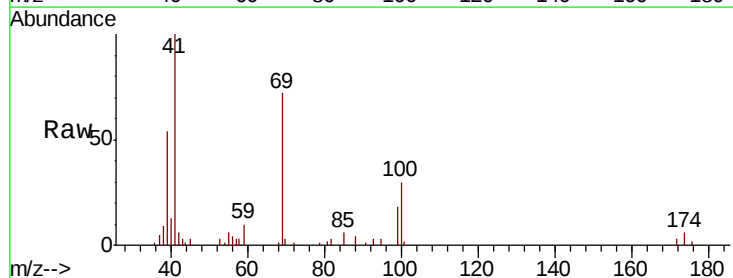
Tgt Ion: 41 Resp: 125774

Ion Ratio Lower Upper

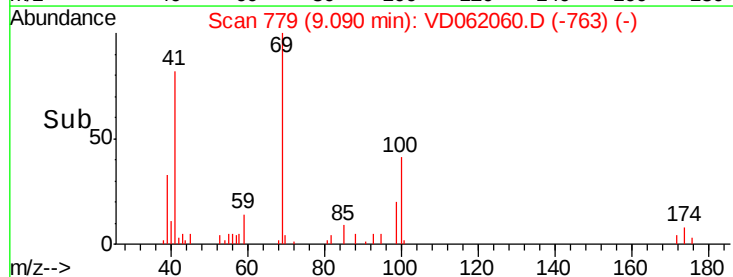
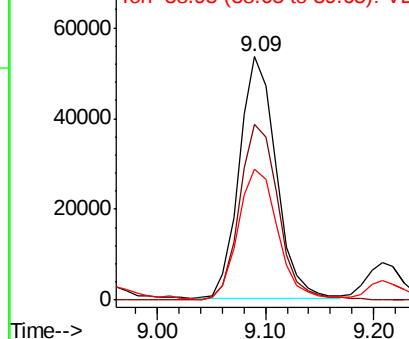
41 100

69 72.0 64.2 96.2

39 53.5 46.8 70.2



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

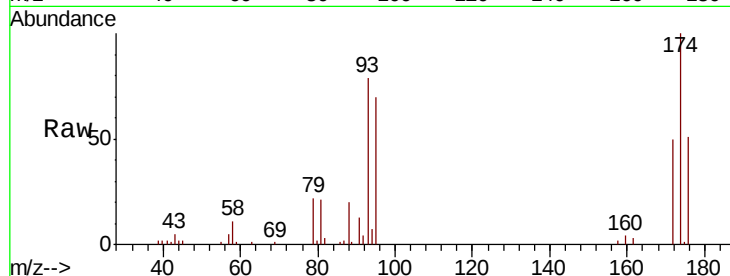




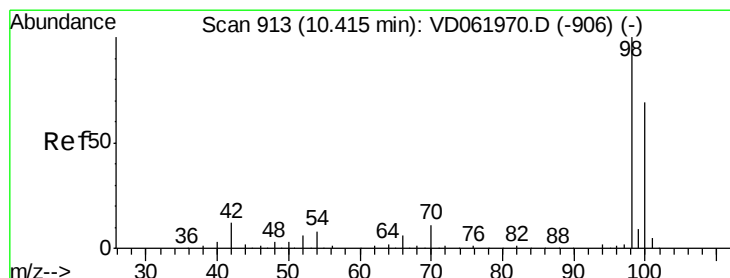
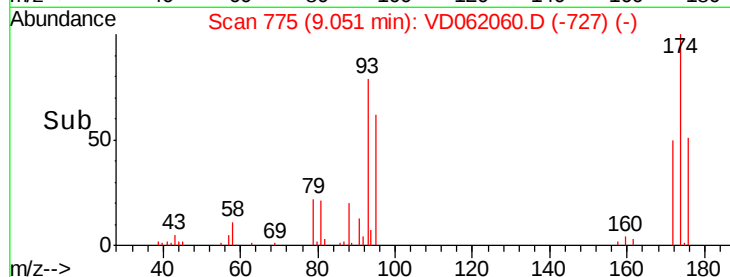
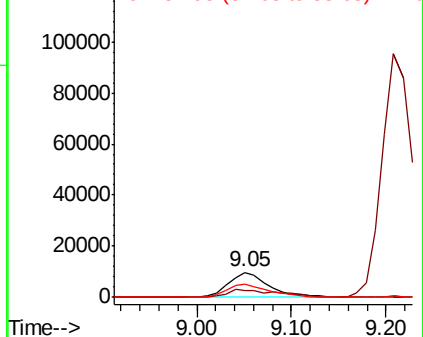
#49
1,4-Dioxane
Concen: 949.355 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.03 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 28295
Ion Ratio Lower Upper
88 100
43 25.4 23.4 35.0
58 54.3 44.0 66.0

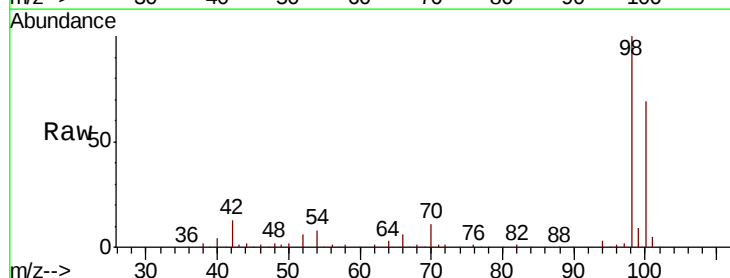


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

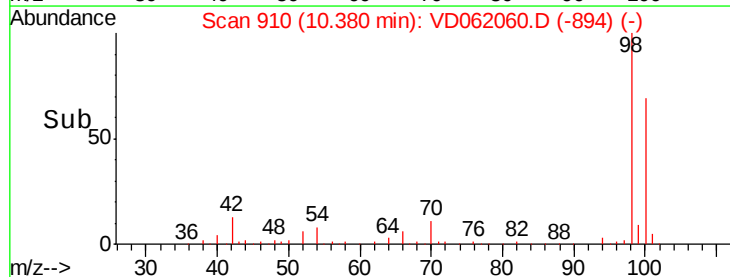
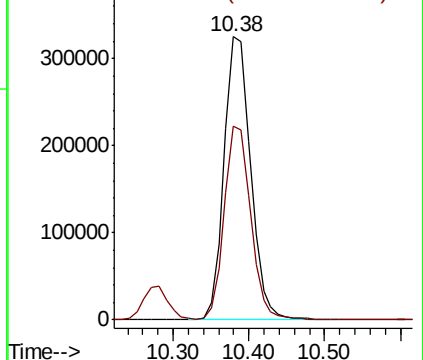


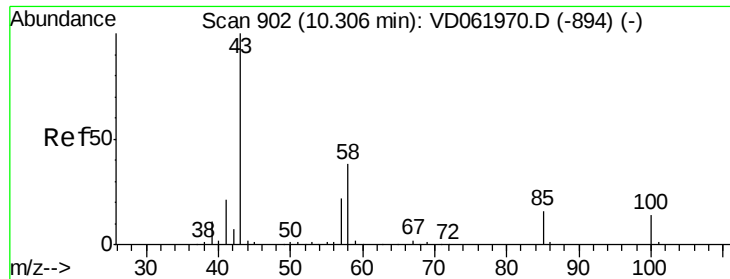
#50
Toluene-d8
Concen: 48.309 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 98 Resp: 794044
Ion Ratio Lower Upper
98 100
100 68.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

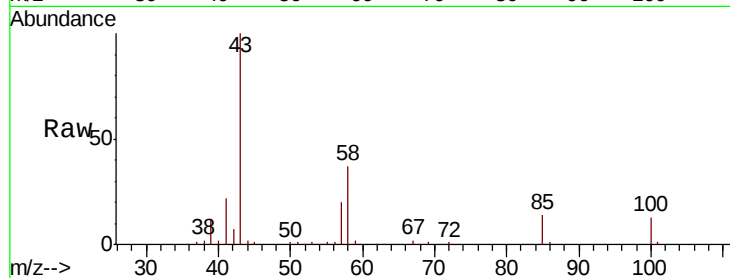




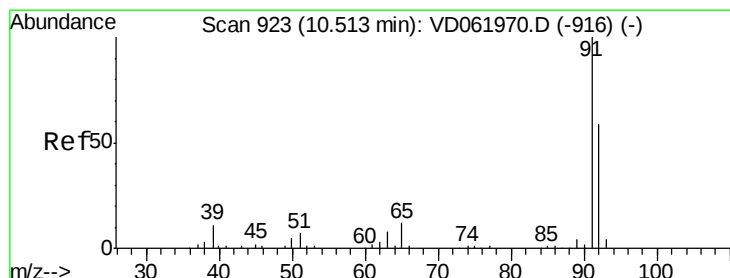
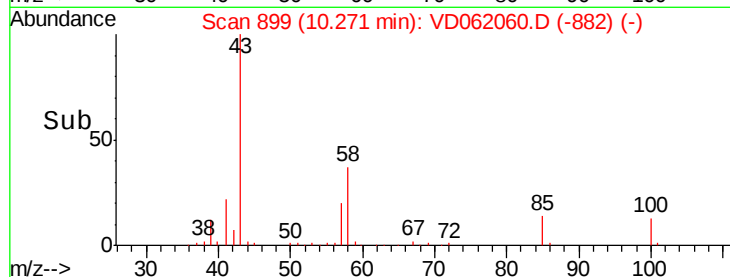
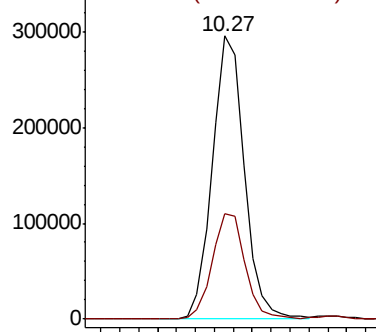
#51
 4-Methyl-2-Pentanone
 Concen: 234.155 ug/l
 RT: 10.27 min Scan# 899
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 693837
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.4 45.6

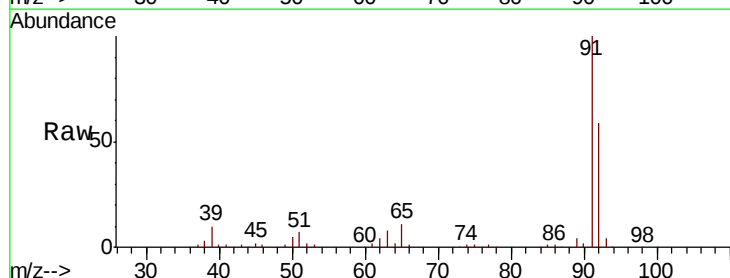


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

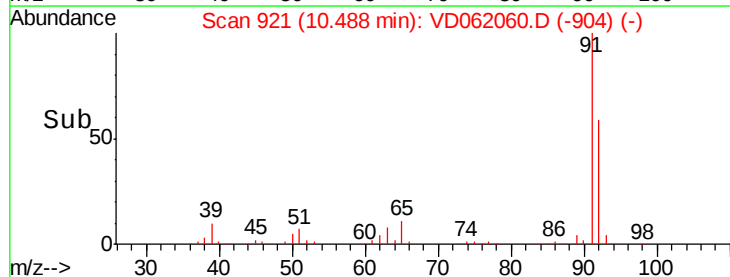
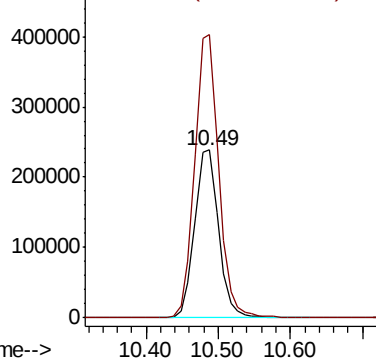


#52
 Toluene
 Concen: 44.903 ug/l
 RT: 10.49 min Scan# 921
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 92 Resp: 551573
 Ion Ratio Lower Upper
 92 100
 91 168.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
 Ion 91.00 (90.70 to 91.70): VDC

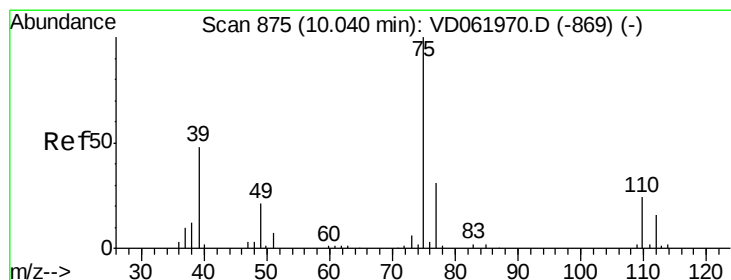
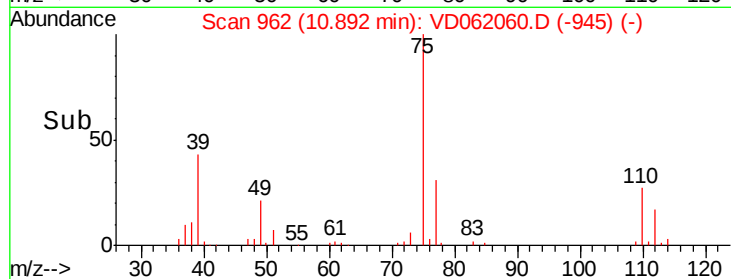
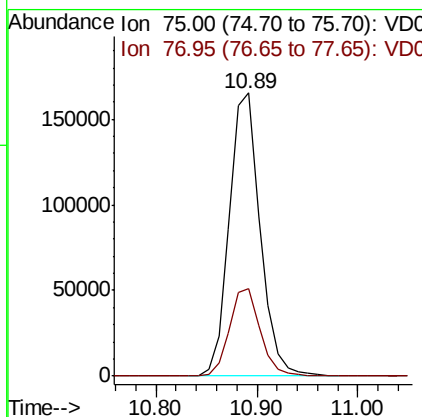
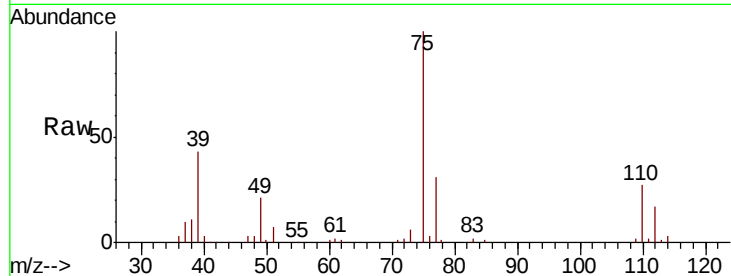




#53
 t-1,3-Dichloropropene
 Concen: 50.335 ug/l
 RT: 10.89 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

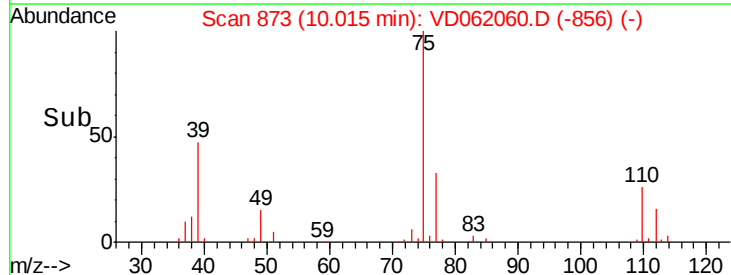
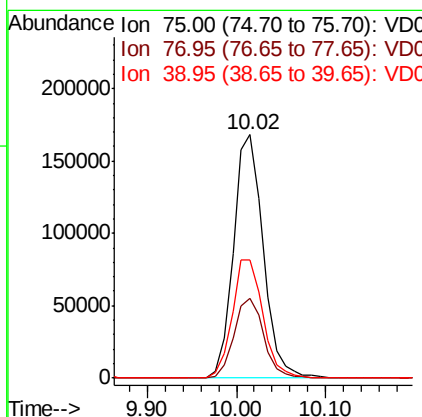
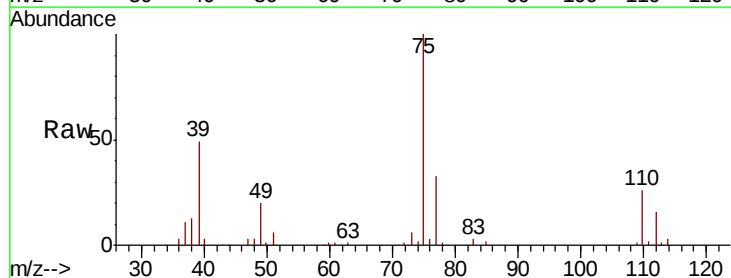
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

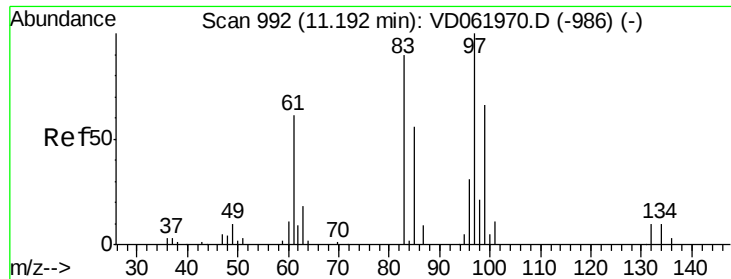
Tgt Ion: 75 Resp: 351077
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.222 ug/l
 RT: 10.02 min Scan# 873
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 75 Resp: 392106
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3
 39 48.6 39.4 59.2

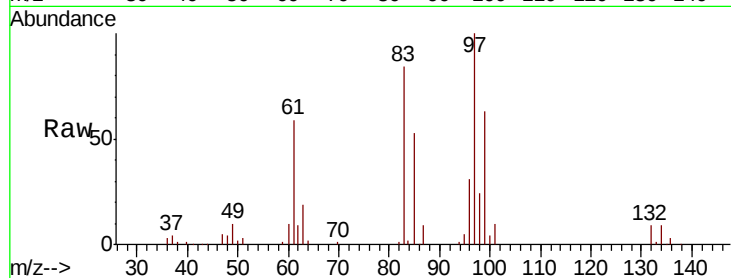




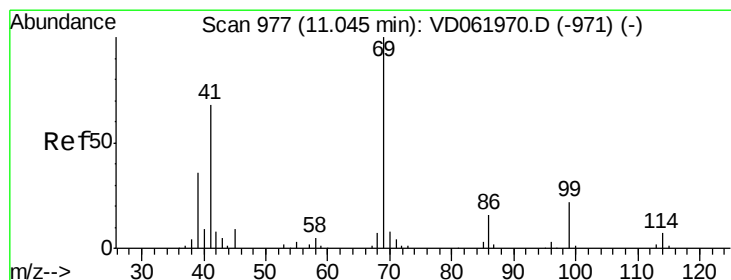
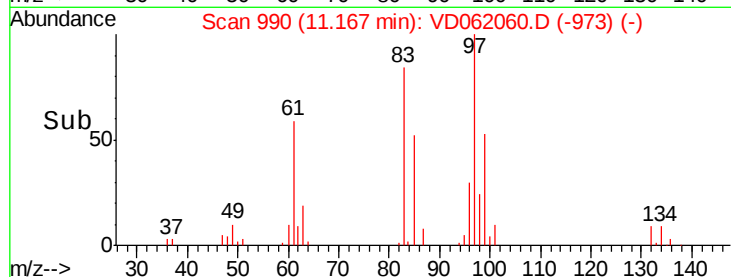
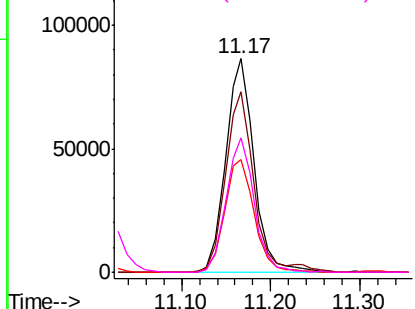
#55
 1,1,2-Trichloroethane
 Concen: 46.619 ug/l
 RT: 11.17 min Scan# 990
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	192252
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.7	98.5
85	52.8	45.6	68.4
99	63.1	48.4	72.6

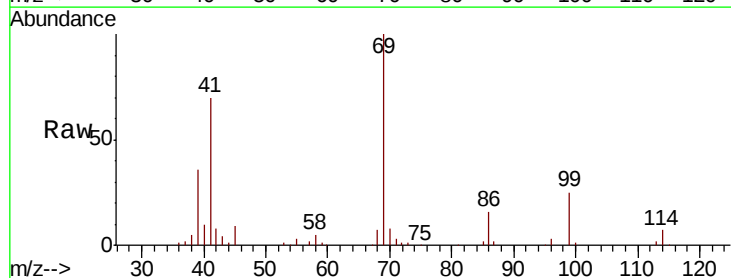


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

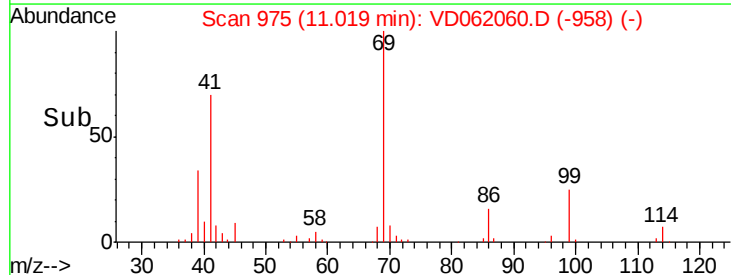
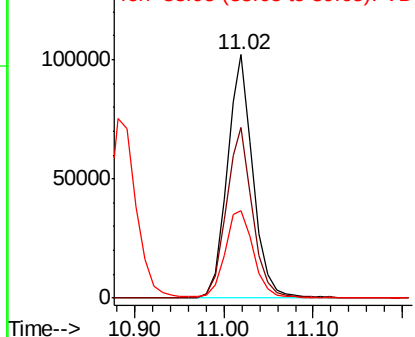


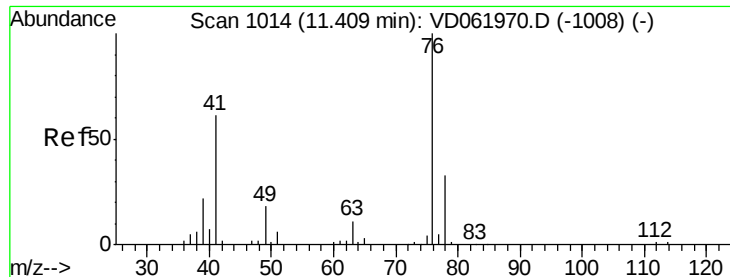
#56
 Ethyl methacrylate
 Concen: 45.170 ug/l
 RT: 11.02 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:	69	Resp:	206309
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.3	84.5
39	36.0	29.4	44.2



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

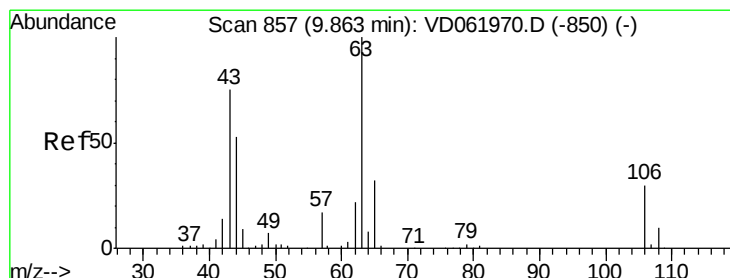
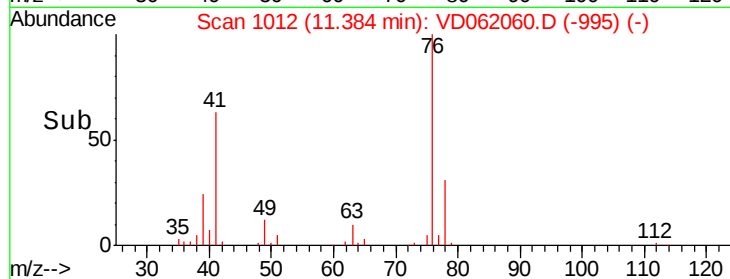
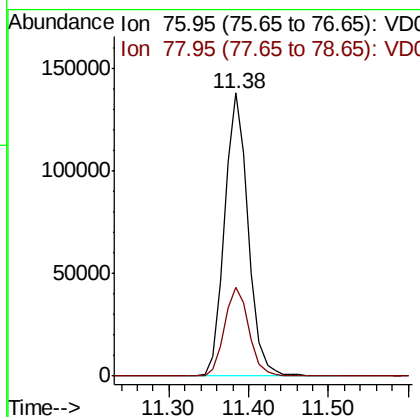
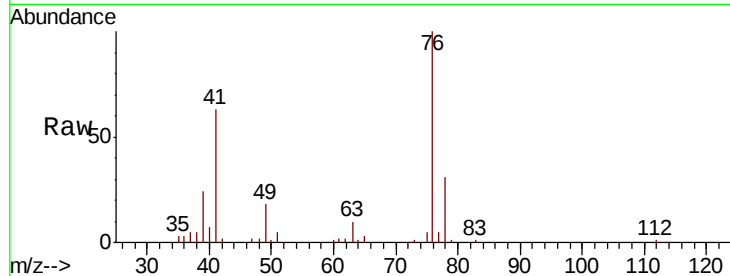




#57
 1,3-Dichloropropane
 Concen: 45.068 ug/l
 RT: 11.38 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

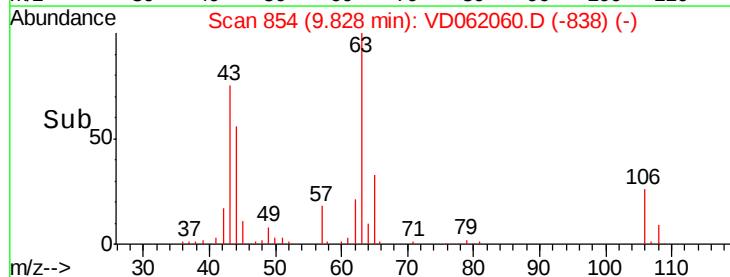
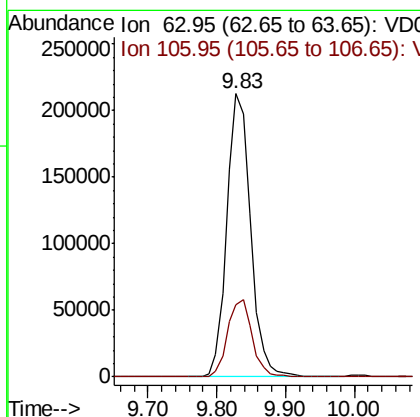
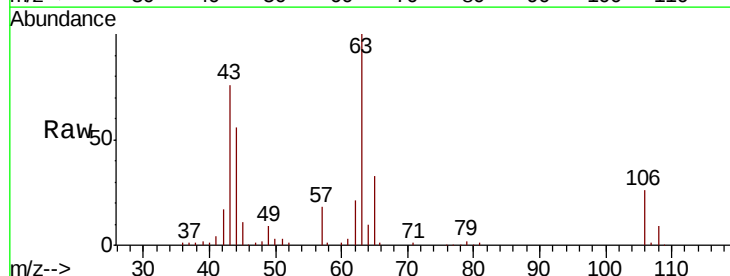
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

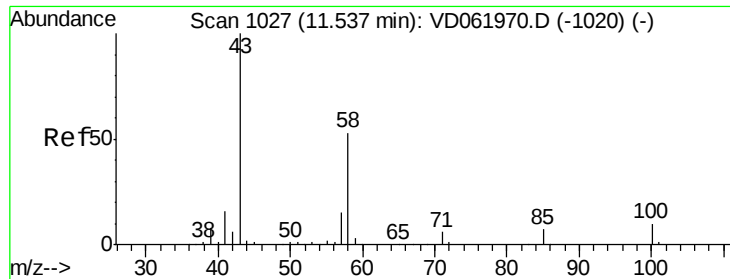
Tgt Ion: 76 Resp: 287048
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.057 ug/l
 RT: 9.83 min Scan# 854
 Delta R.T. -0.04 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 63 Resp: 507635
 Ion Ratio Lower Upper
 63 100
 106 25.6 22.6 34.0

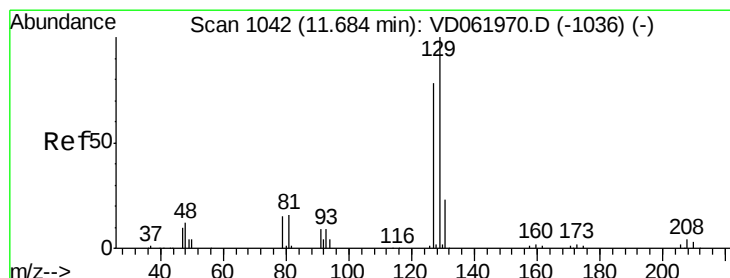
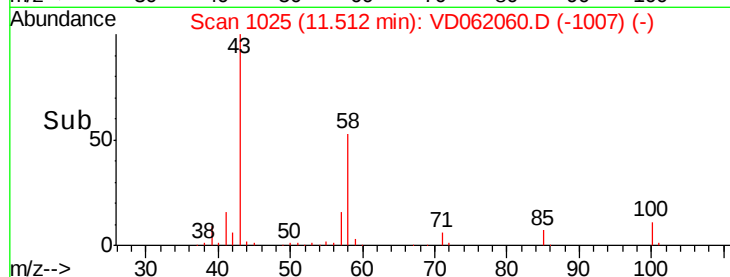
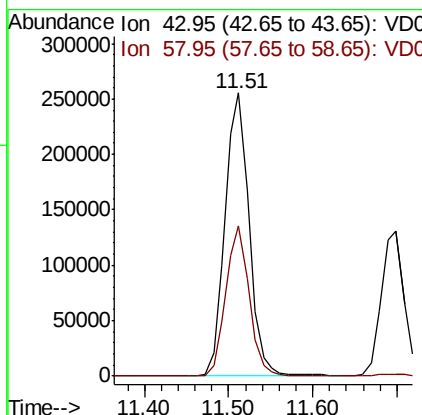
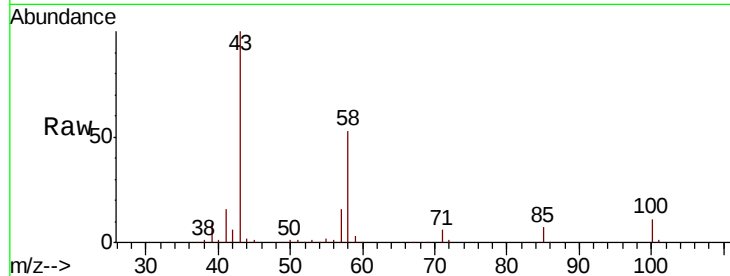




#59
2-Hexanone
Concen: 228.879 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

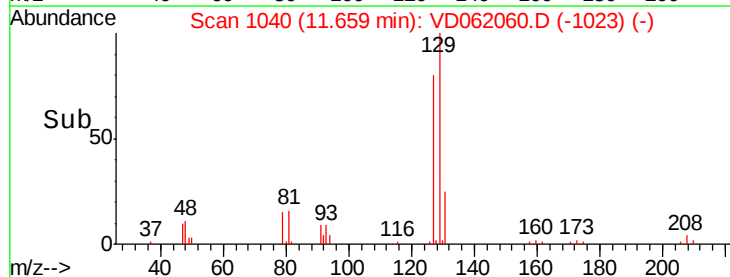
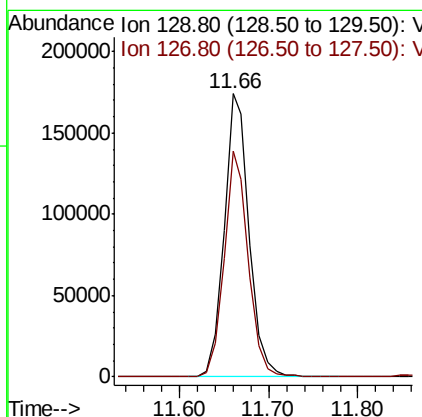
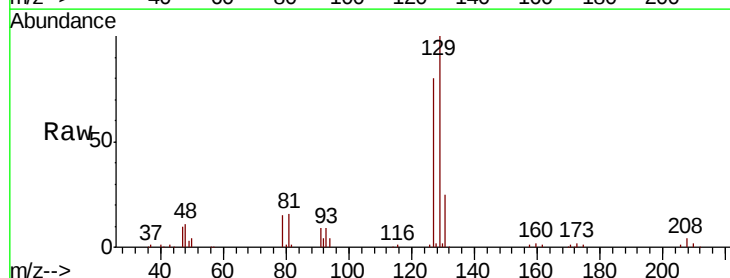
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

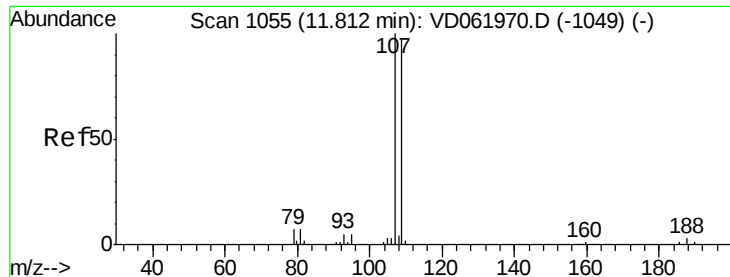
Tgt Ion: 43 Resp: 508748
Ion Ratio Lower Upper
43 100
58 53.2 25.4 76.4



#60
Dibromochloromethane
Concen: 50.020 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. -0.03 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 129 Resp: 341311
Ion Ratio Lower Upper
129 100
127 79.7 38.0 113.9

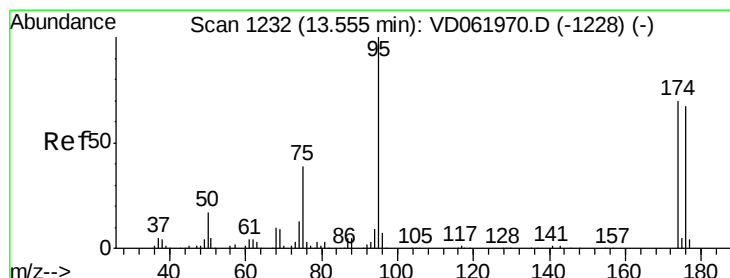
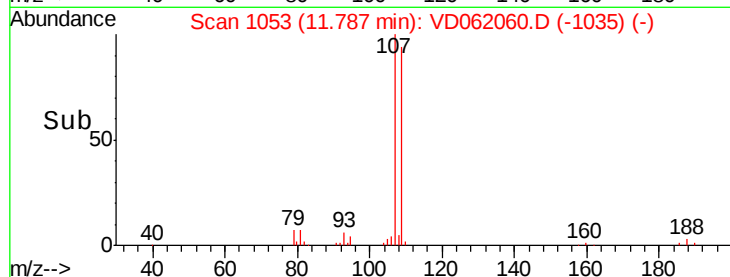
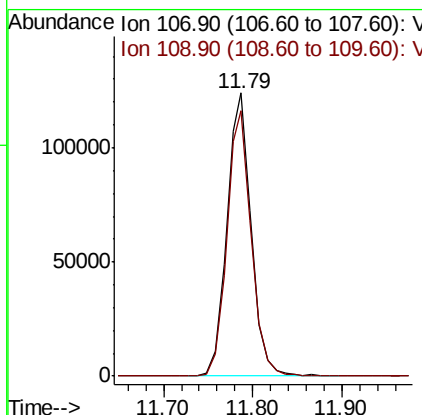
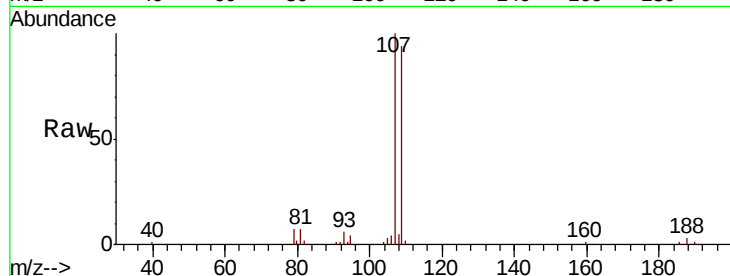




#61
 1,2-Dibromoethane
 Concen: 48.335 ug/l
 RT: 11.79 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

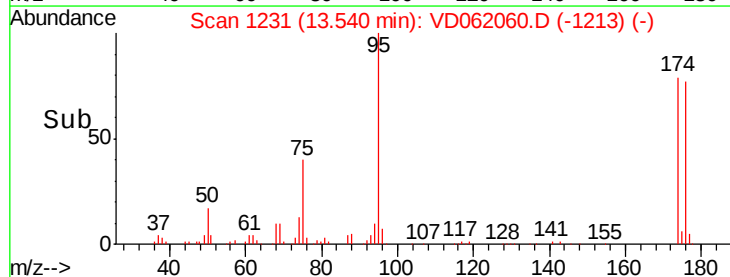
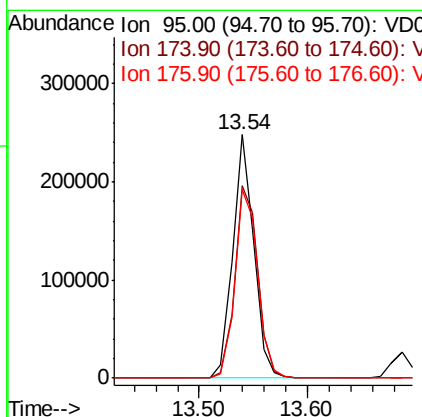
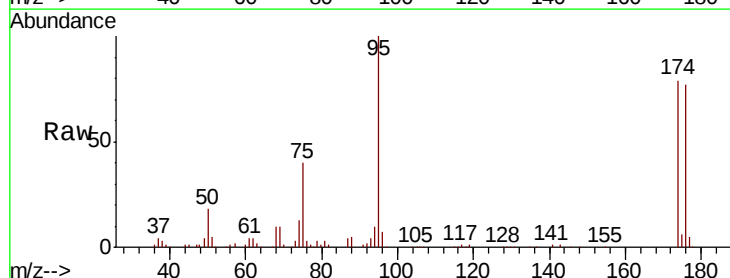
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

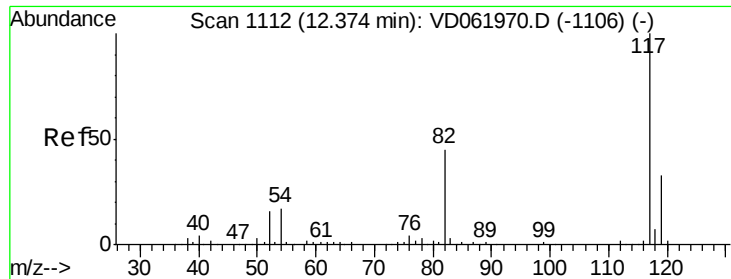
Tgt Ion: 107 Resp: 236453
 Ion Ratio Lower Upper
 107 100
 109 93.8 78.3 117.5



#62
 4-Bromofluorobenzene
 Concen: 51.061 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 95 Resp: 336627
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 181.8
 176 77.2 0.0 174.4

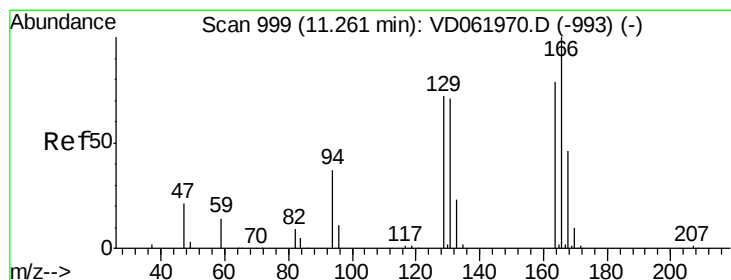
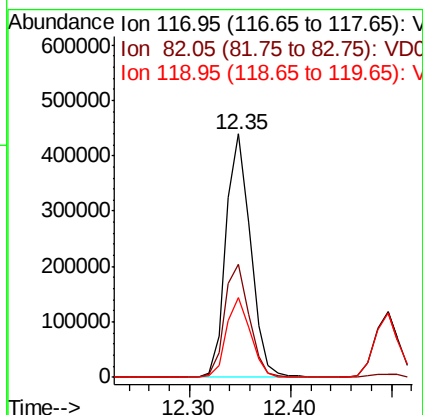
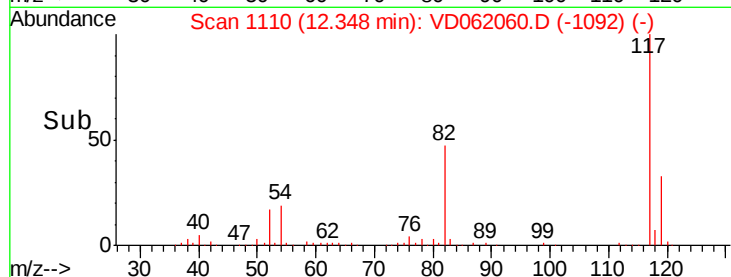
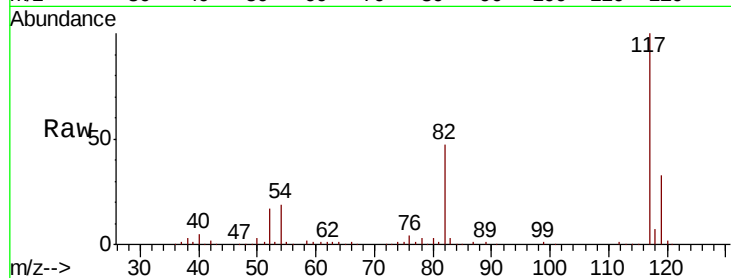




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

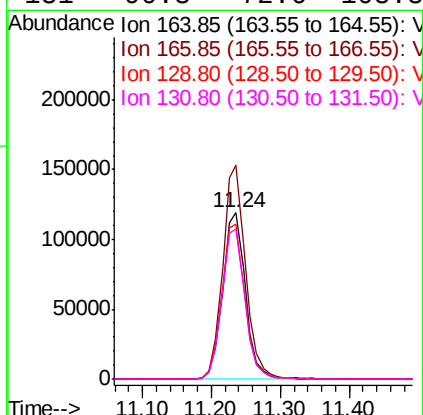
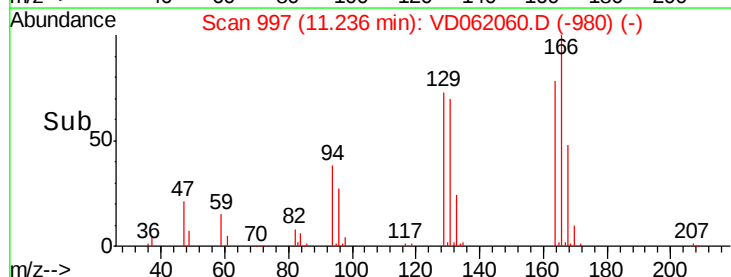
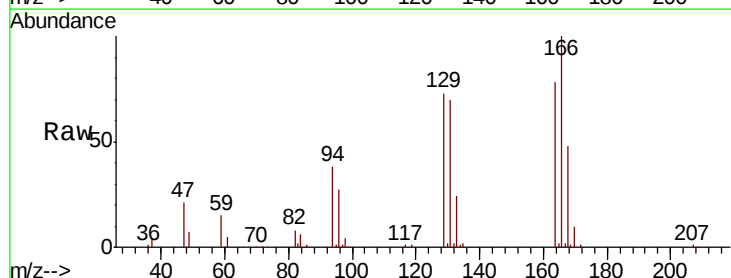
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

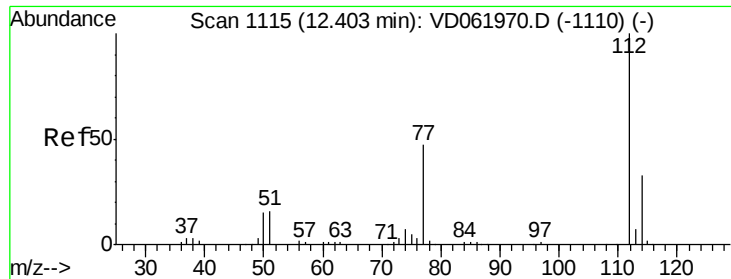
Tgt Ion:117 Resp: 742150
Ion Ratio Lower Upper
117 100
82 46.5 36.2 54.2
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 51.266 ug/l
RT: 11.24 min Scan# 997
Delta R.T. -0.03 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion:164 Resp: 271413
Ion Ratio Lower Upper
164 100
166 128.6 101.5 152.3
129 93.5 74.6 112.0
131 90.3 72.6 108.8

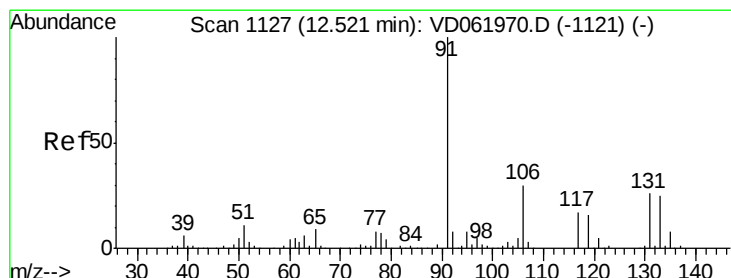
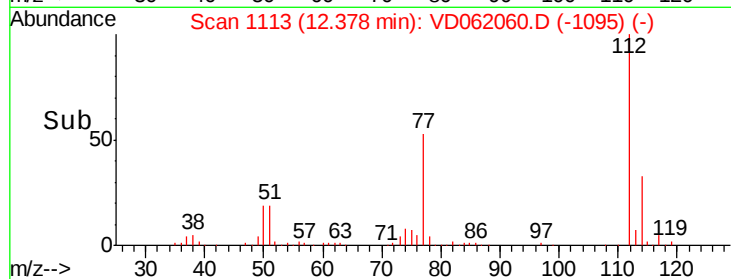
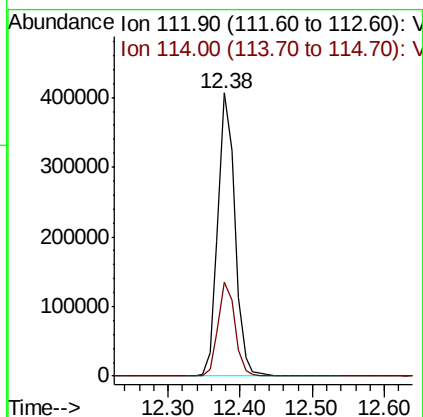
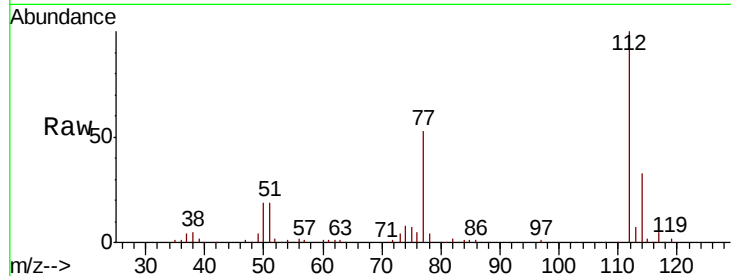




#65
Chlorobenzene
Concen: 47.046 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

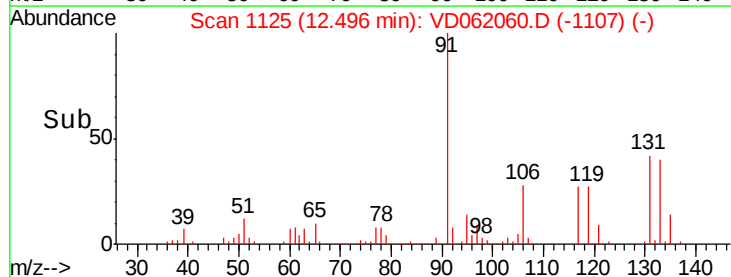
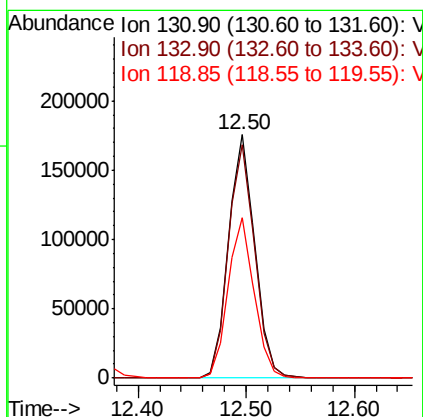
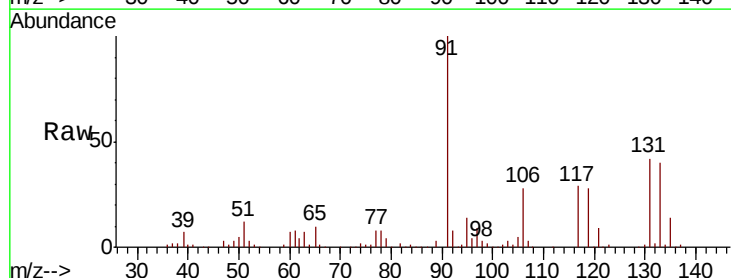
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 659771
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.959 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion:131 Resp: 297187
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.8
119 65.6 34.7 104.1

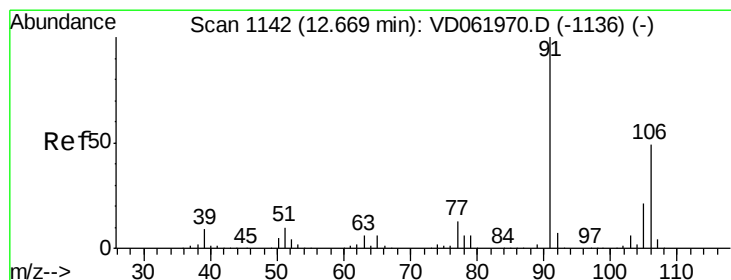
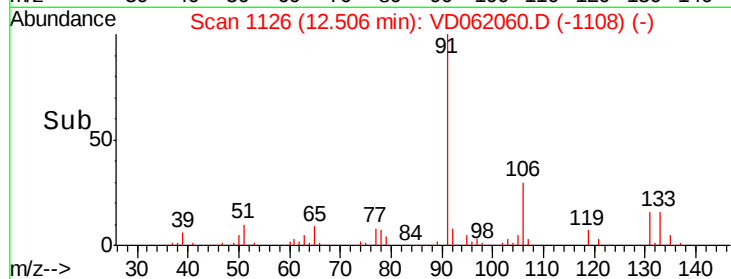
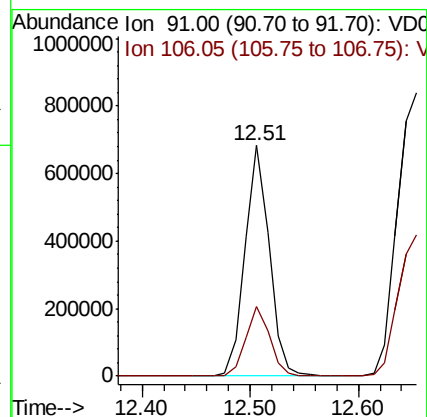
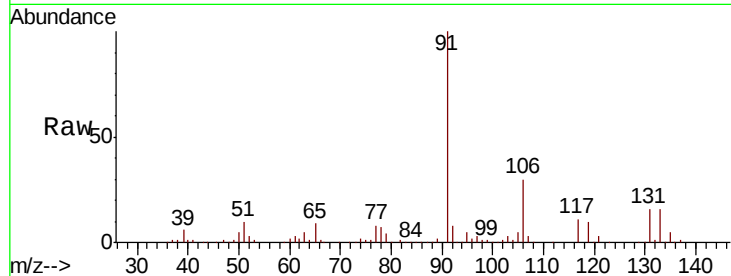




#67
Ethyl Benzene
Concen: 46.471 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

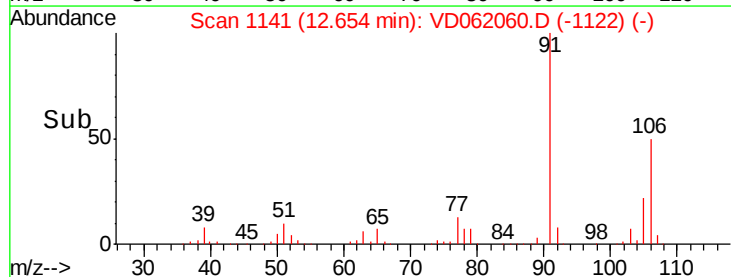
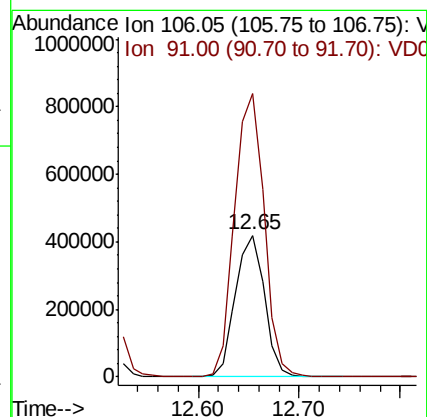
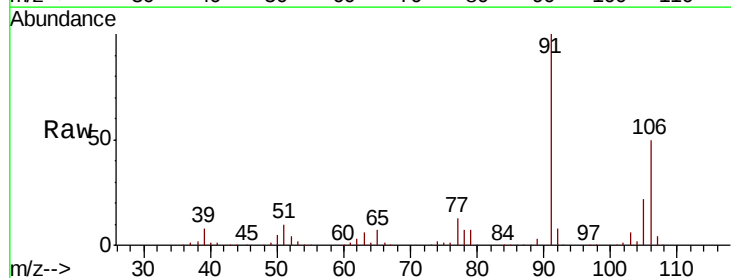
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

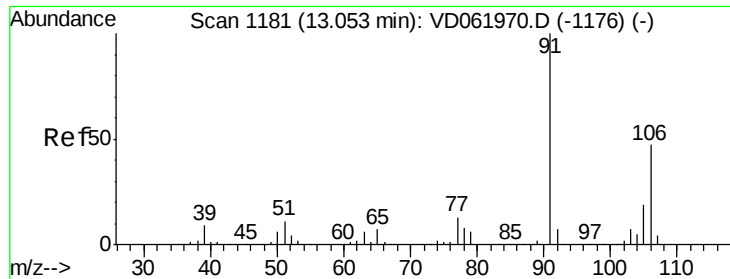
Tgt Ion: 91 Resp: 1063712
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 101.572 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion: 106 Resp: 840303
Ion Ratio Lower Upper
106 100
91 200.0 164.0 246.0

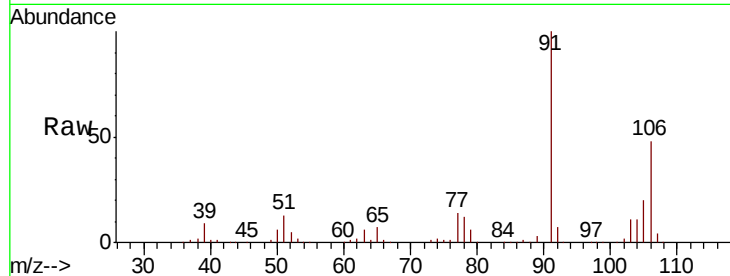




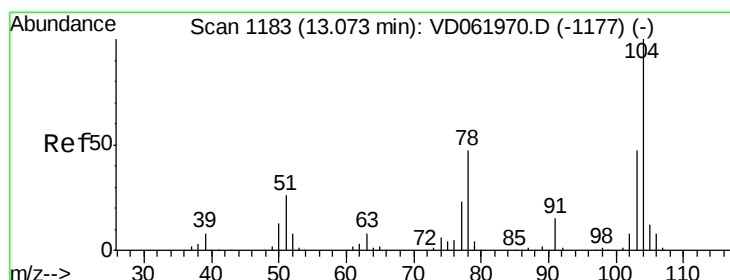
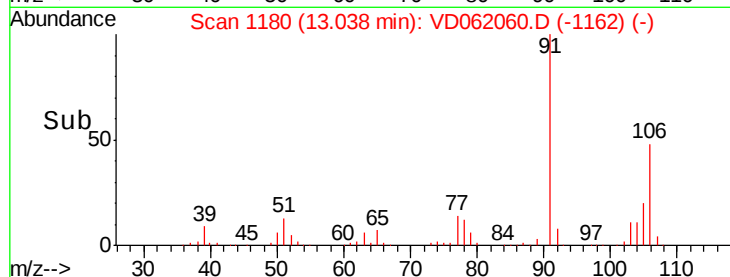
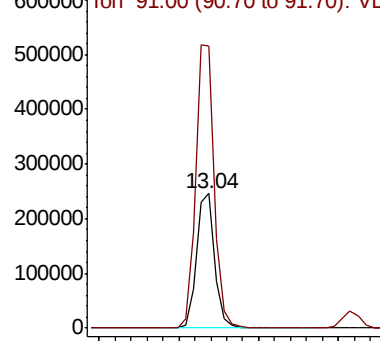
#69
o-Xylene
Concen: 52.067 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 394122
Ion Ratio Lower Upper
106 100
91 209.2 106.7 319.9

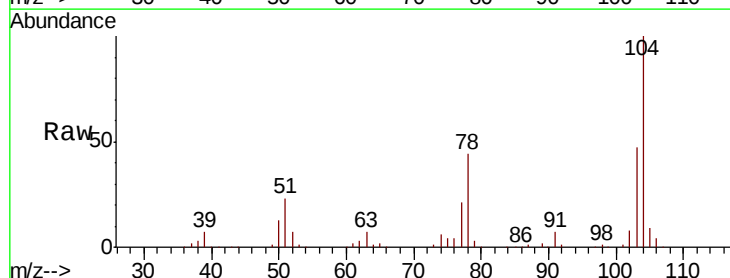


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

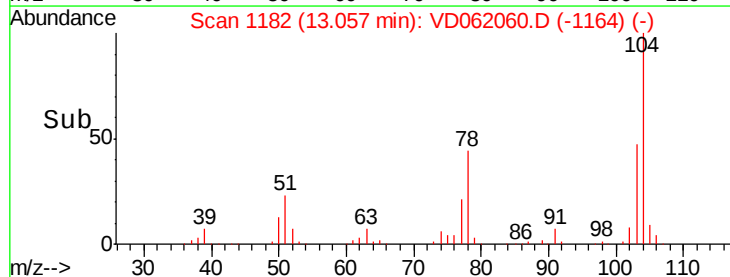
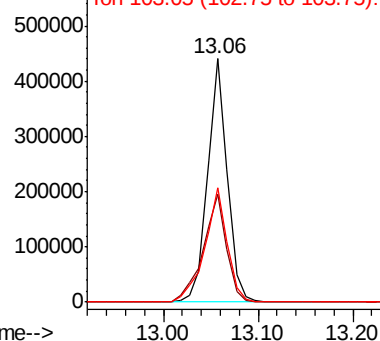


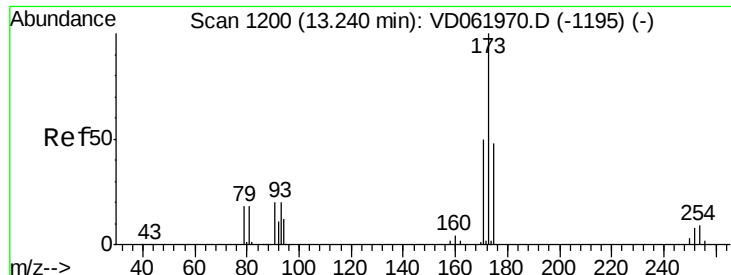
#70
Styrene
Concen: 48.505 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion:104 Resp: 633975
Ion Ratio Lower Upper
104 100
78 44.4 35.4 53.2
103 46.8 37.5 56.3



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

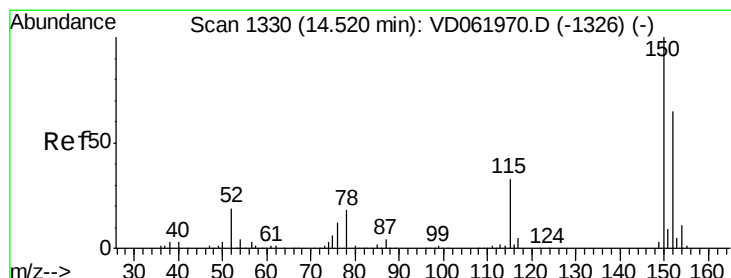
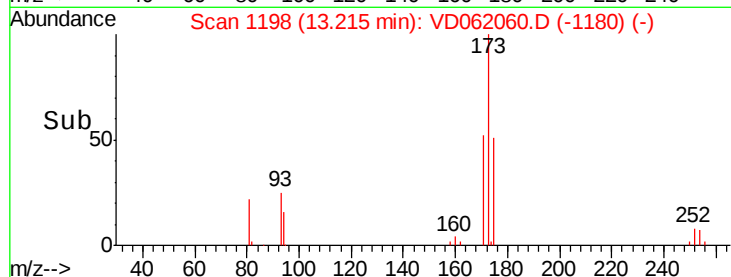
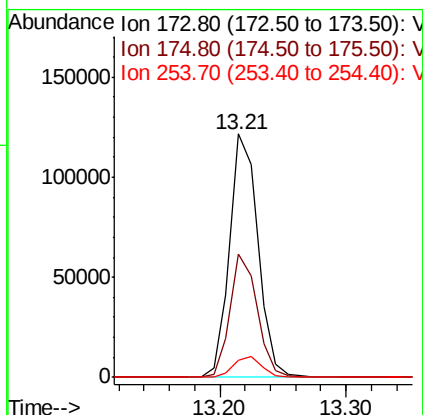
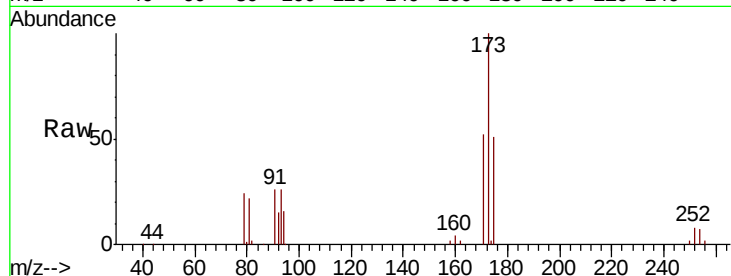




#71
Bromoform
Concen: 55.398 ug/l
RT: 13.21 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

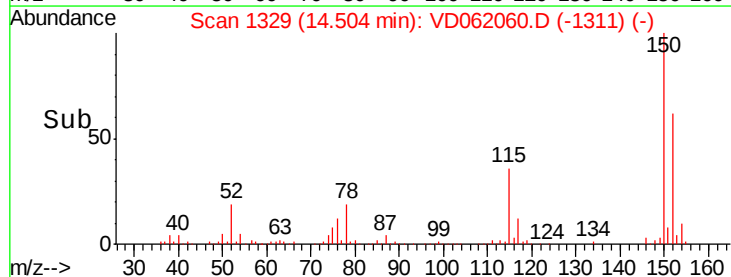
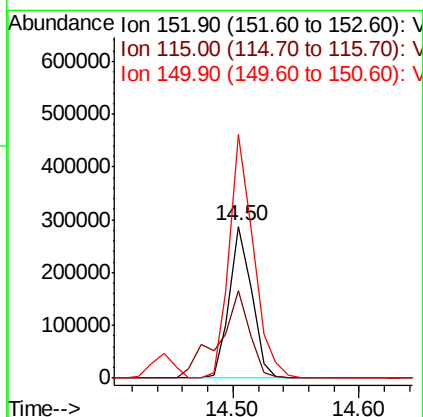
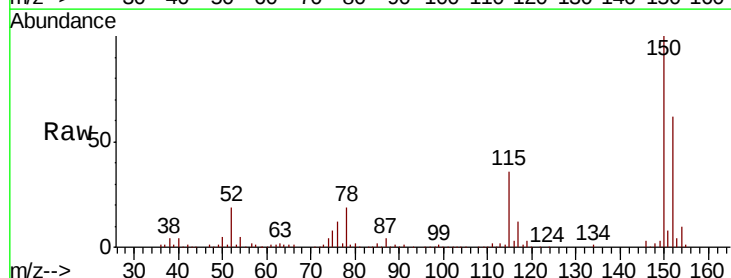
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

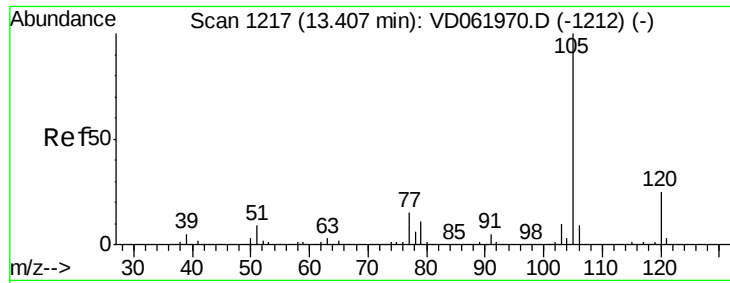
Tgt Ion:173 Resp: 187878
Ion Ratio Lower Upper
173 100
175 50.6 24.4 73.4
254 6.7 5.4 8.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion:152 Resp: 352525
Ion Ratio Lower Upper
152 100
115 57.3 30.9 92.7
150 160.7 0.0 314.8





#73

Isopropylbenzene

Concen: 45.581 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

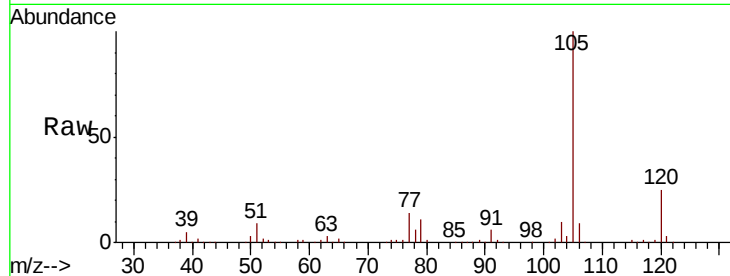
VSTDCCC050

Tgt Ion:105 Resp: 1071879

Ion Ratio Lower Upper

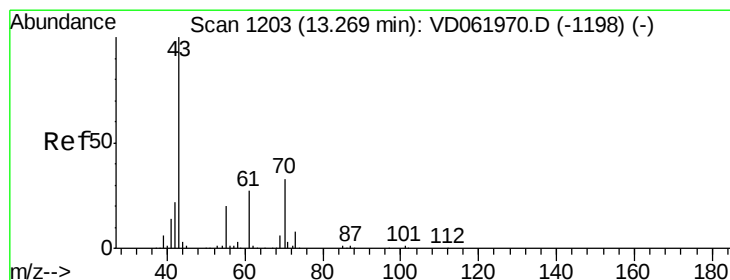
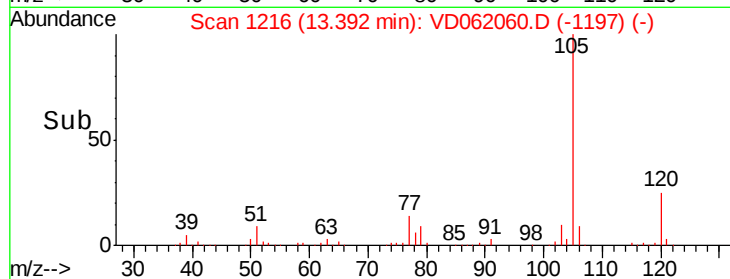
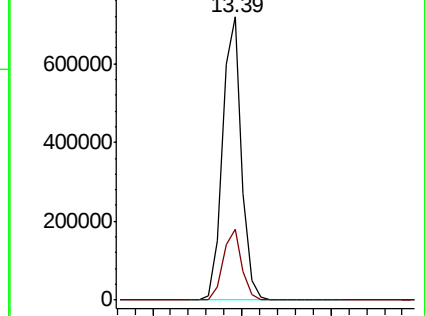
105 100

120 25.3 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 47.725 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Tgt Ion: 43 Resp: 289029

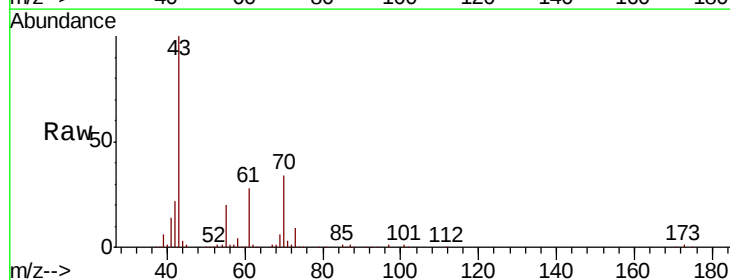
Ion Ratio Lower Upper

43 100

70 33.6 24.2 36.4

55 20.4 16.0 24.0

61 27.7 21.6 32.4

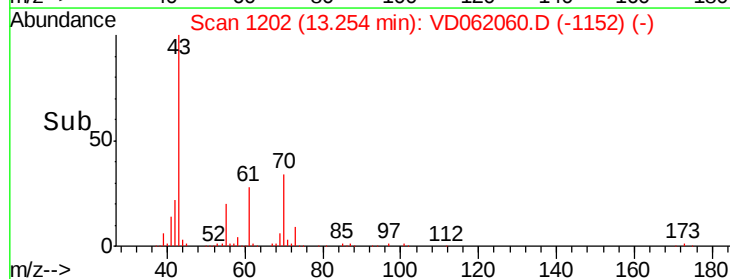
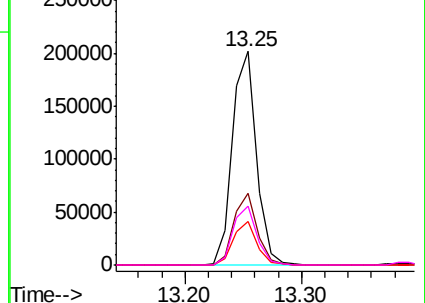


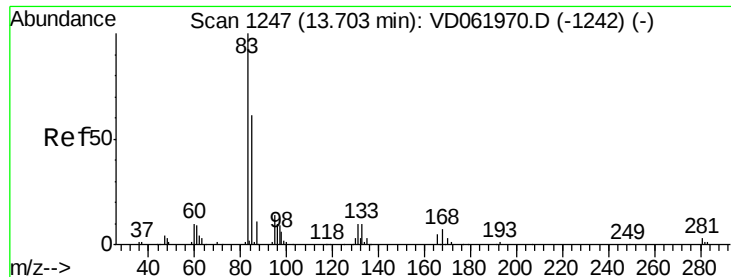
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 49.560 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

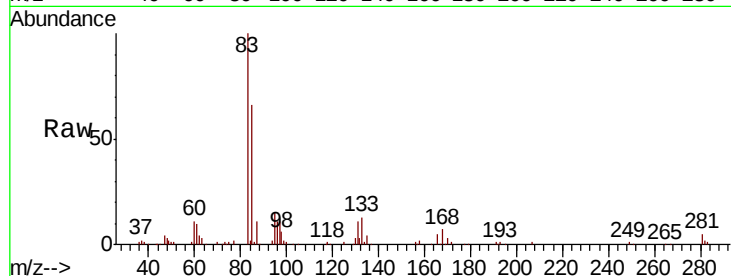
Tgt Ion: 83 Resp: 228385

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

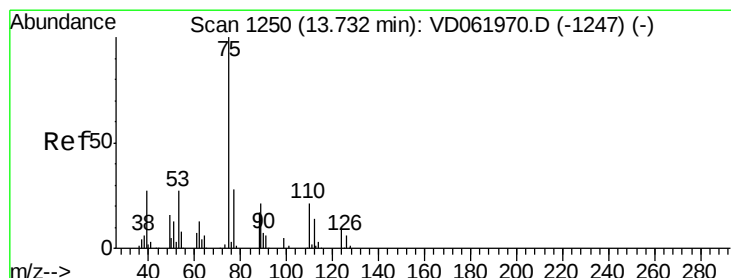
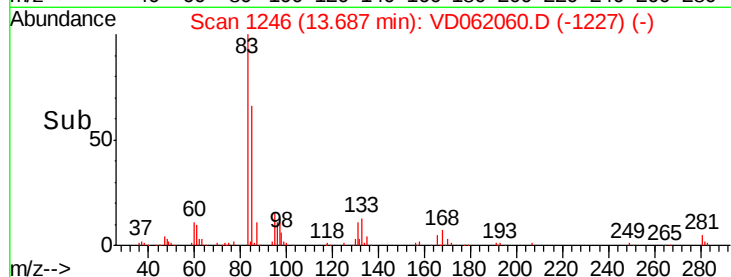
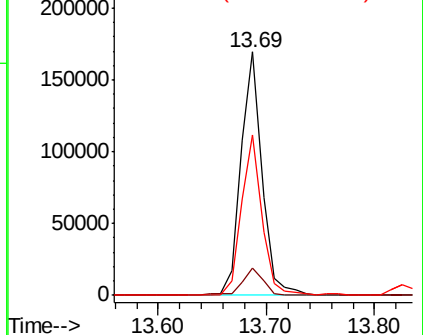
85 66.0 32.6 97.7



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: 49.930 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD062060.D

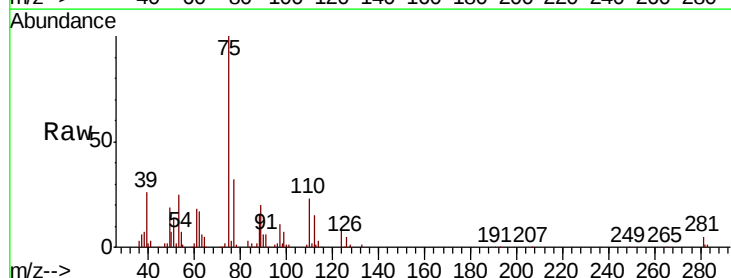
Acq: 29 Apr 2019 13:43

Tgt Ion: 75 Resp: 223513

Ion Ratio Lower Upper

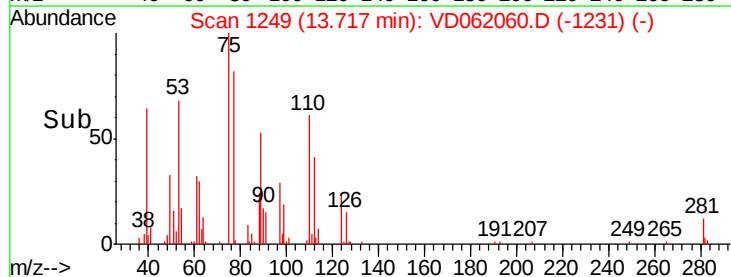
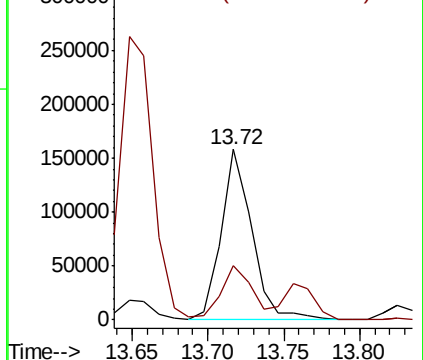
75 100

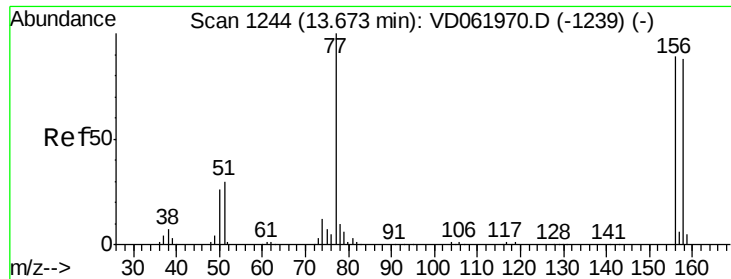
77 31.9 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 48.671 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

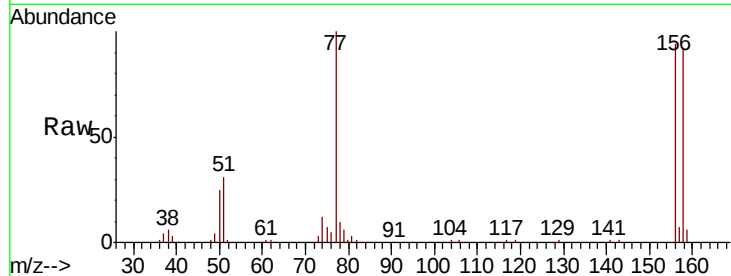
Tgt Ion:156 Resp: 328330

Ion Ratio Lower Upper

156 100

77 106.9 53.1 159.4

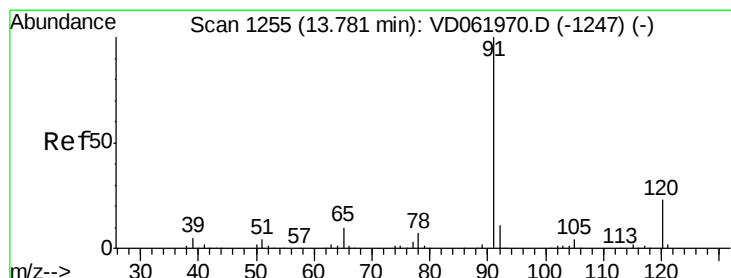
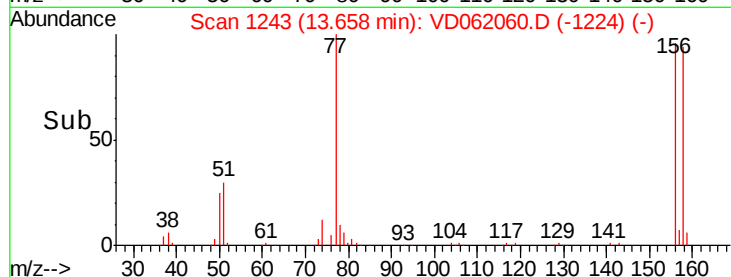
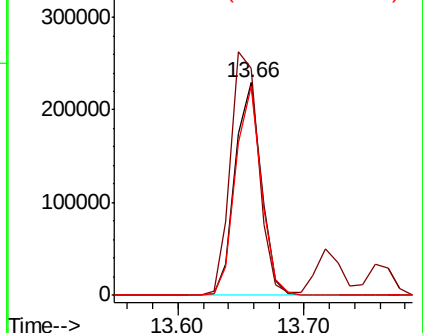
158 98.5 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 47.882 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.02 min

Lab File: VD062060.D

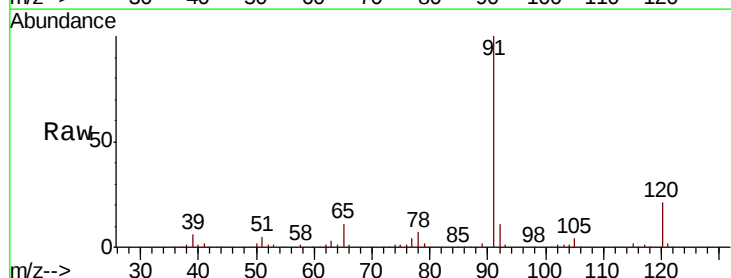
Acq: 29 Apr 2019 13:43

Tgt Ion: 91 Resp: 1288976

Ion Ratio Lower Upper

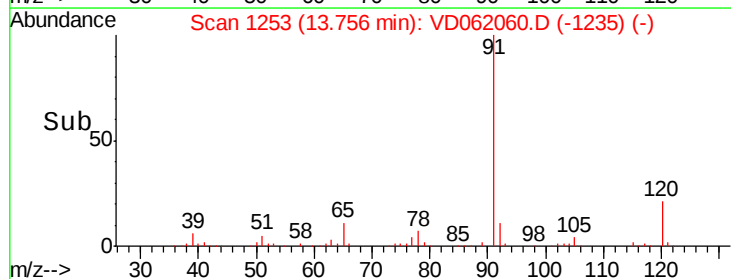
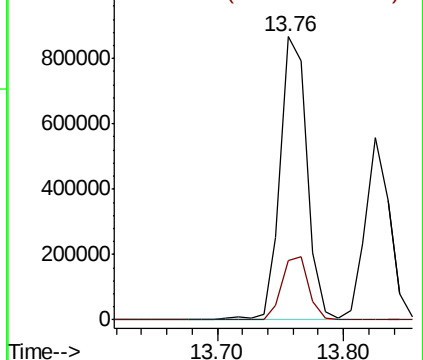
91 100

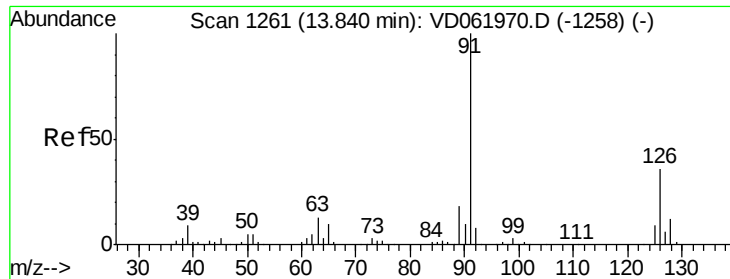
120 20.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

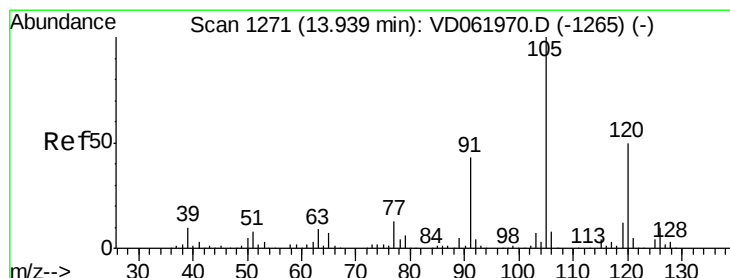
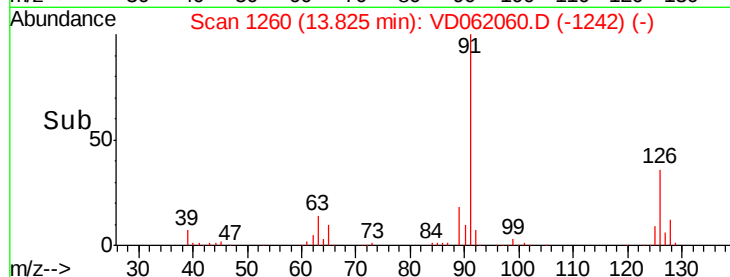
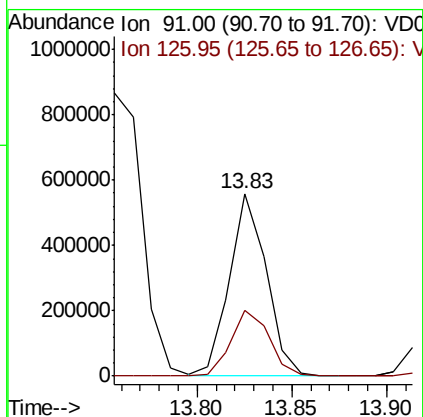
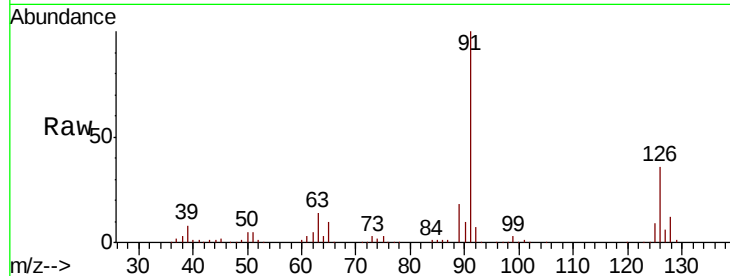




#79
 2-Chlorotoluene
 Concen: 46.173 ug/l
 RT: 13.83 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

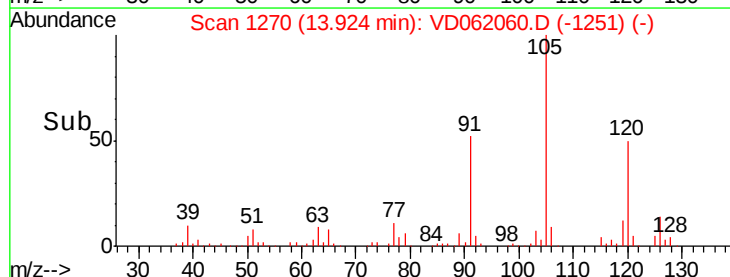
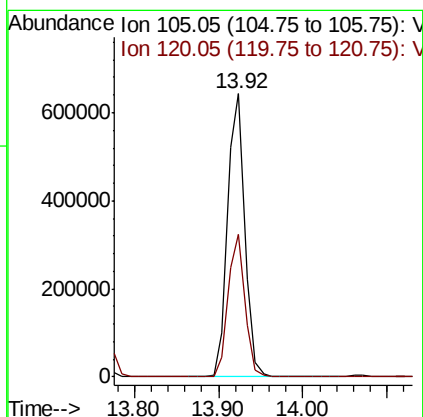
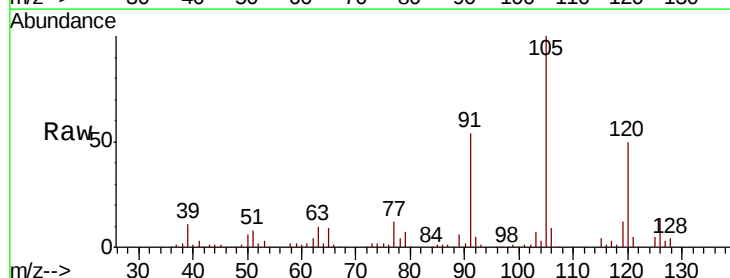
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 752889
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 48.436 ug/l
 RT: 13.92 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion: 105 Resp: 908208
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.545 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. -0.02 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

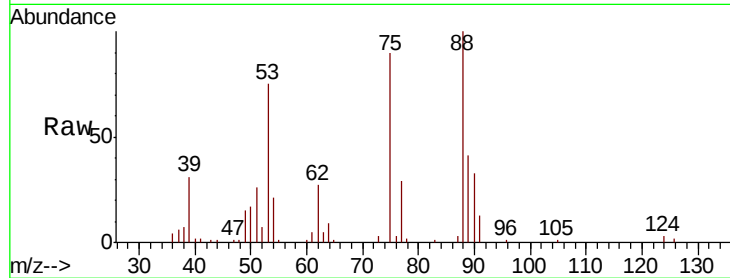
Tgt Ion: 75 Resp: 68568

Ion Ratio Lower Upper

75 100

53 83.3 65.8 98.8

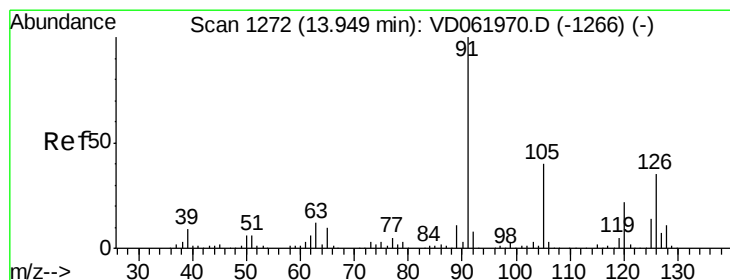
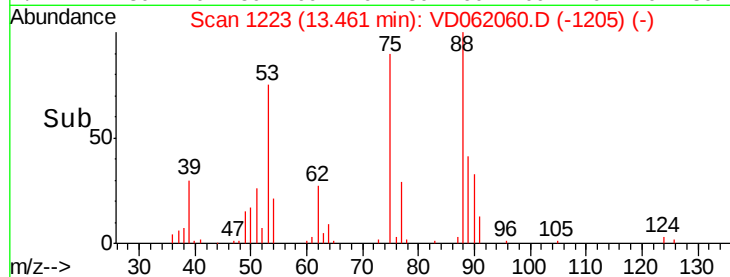
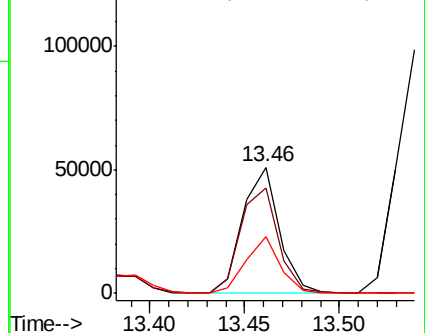
89 45.2 35.0 52.6



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: 49.311 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD062060.D

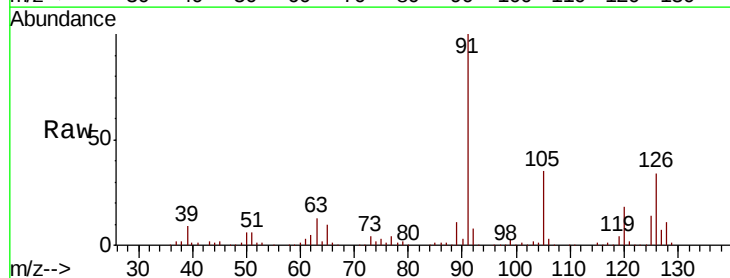
Acq: 29 Apr 2019 13:43

Tgt Ion: 91 Resp: 885494

Ion Ratio Lower Upper

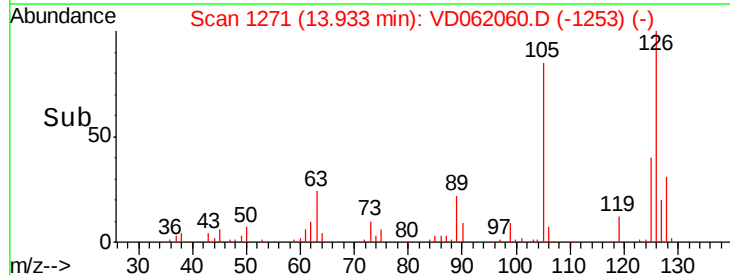
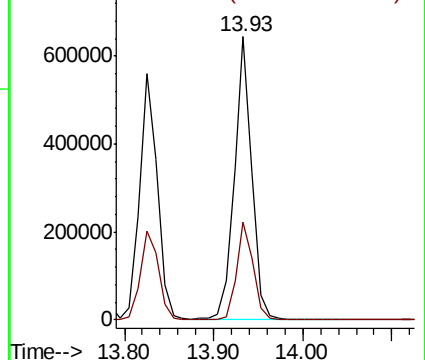
91 100

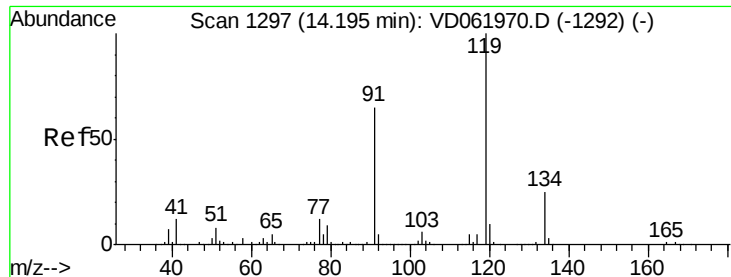
126 34.4 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

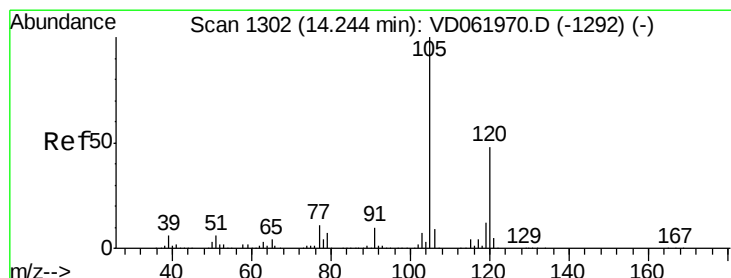
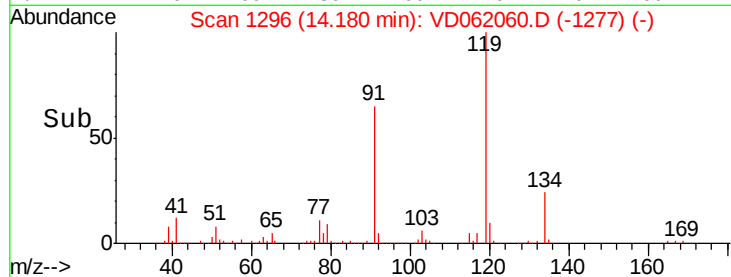
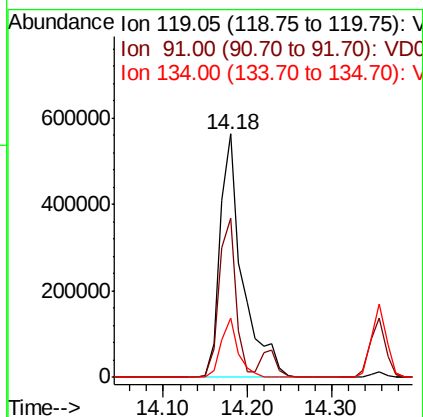
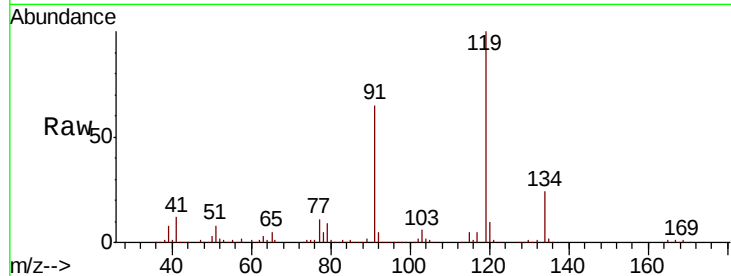




#83
 tert-Butylbenzene
 Concen: 47.809 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

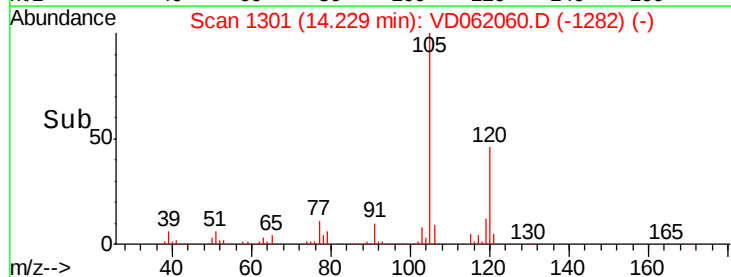
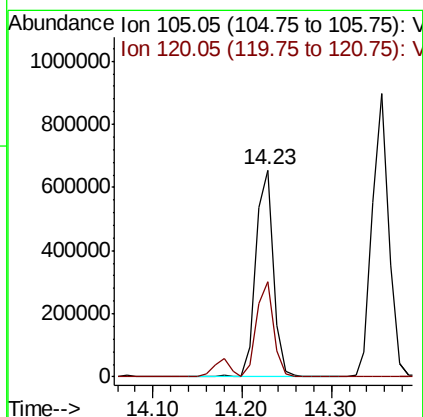
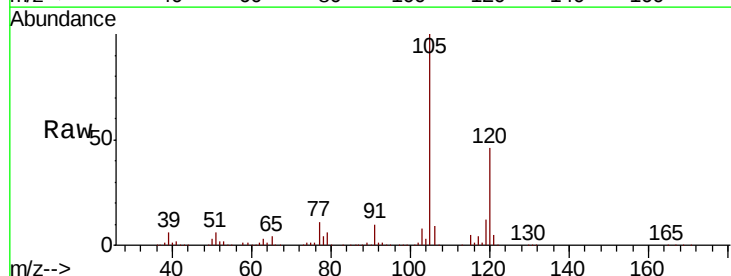
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

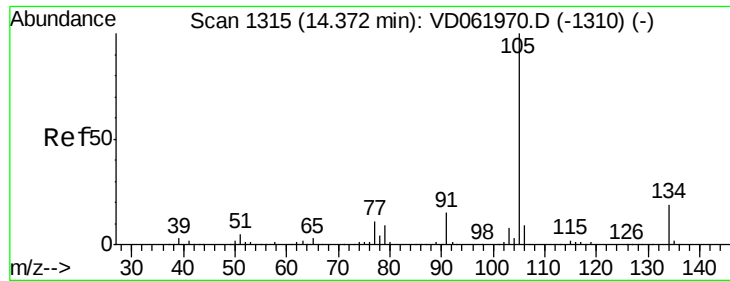
Tgt Ion:119 Resp: 1038487
 Ion Ratio Lower Upper
 119 100
 91 65.2 34.2 102.6
 134 24.4 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.020 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:105 Resp: 877649
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2

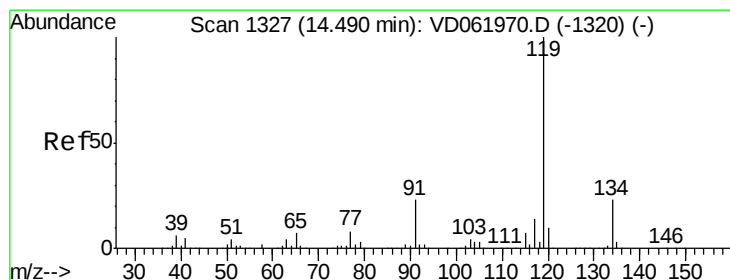
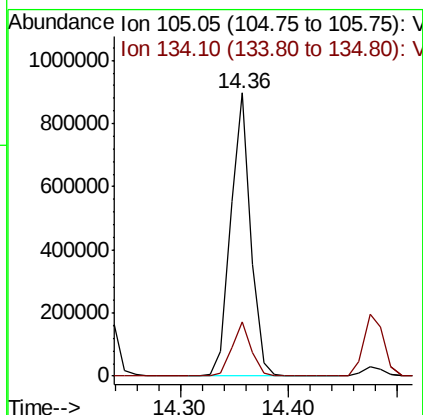
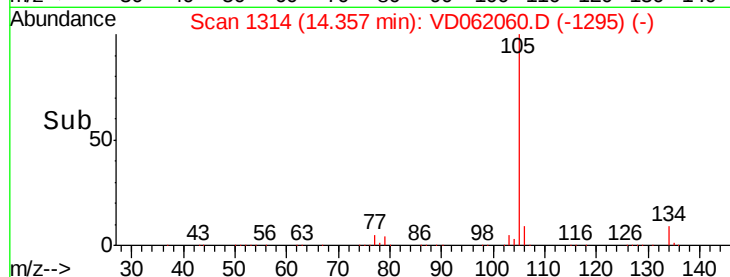
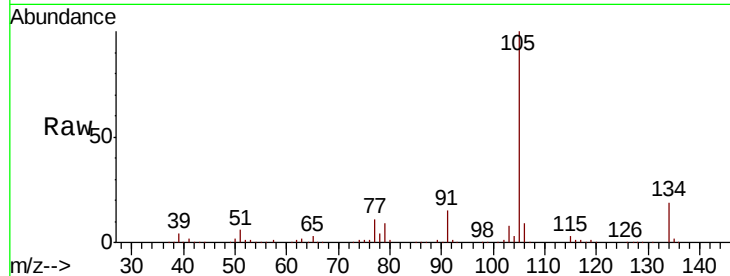




#85
 sec-Butylbenzene
 Concen: 48.805 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

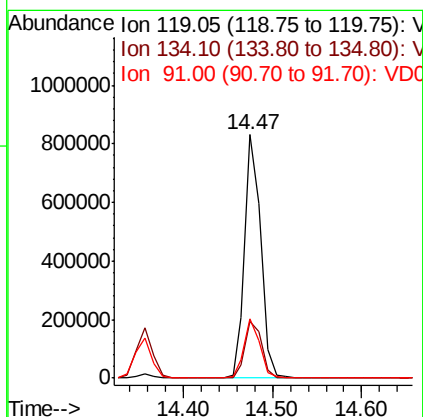
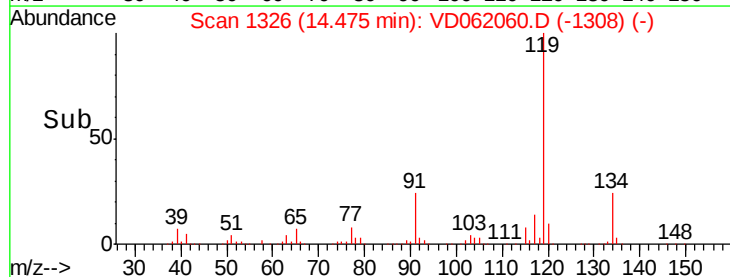
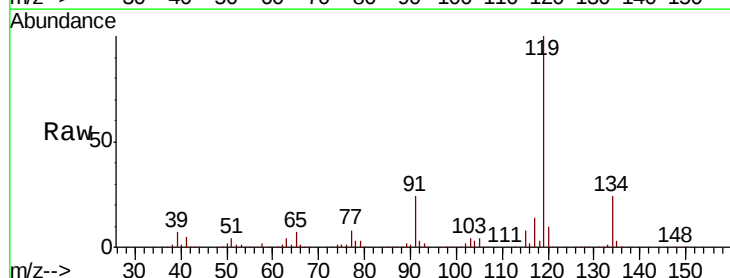
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1145466
 Ion Ratio Lower Upper
 105 100
 134 19.0 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 49.734 ug/l
 RT: 14.47 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:119 Resp: 1044679
 Ion Ratio Lower Upper
 119 100
 134 23.5 12.8 38.3
 91 24.3 10.7 32.1

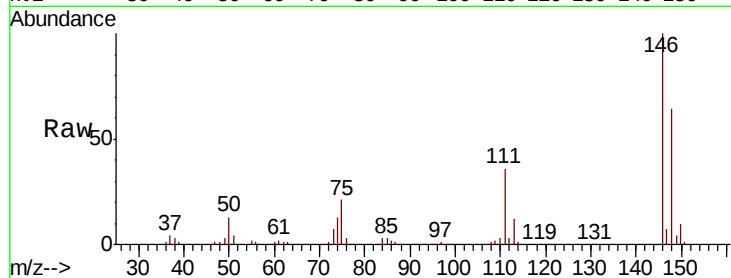




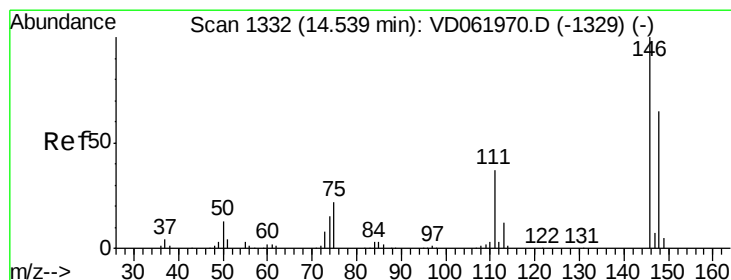
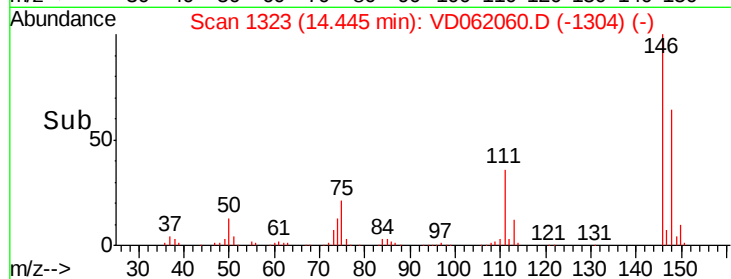
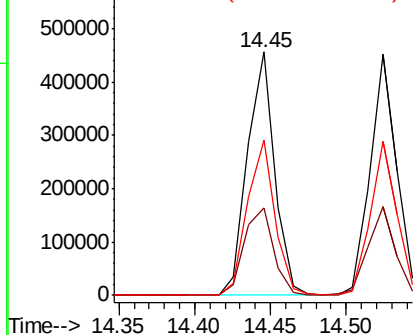
#87
 1,3-Dichlorobenzene
 Concen: 48.612 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 574269
 Ion Ratio Lower Upper
 146 100
 111 36.2 20.0 60.0
 148 63.7 31.8 95.4

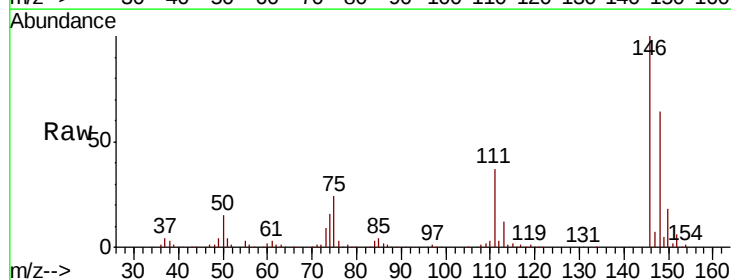


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

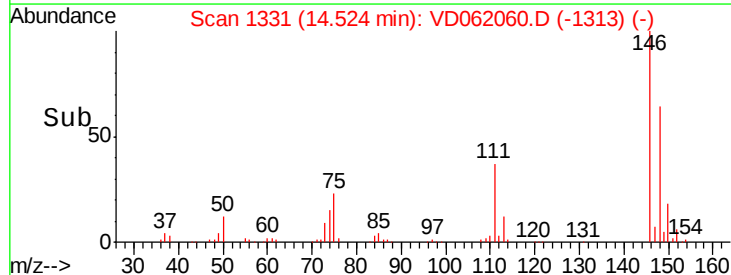
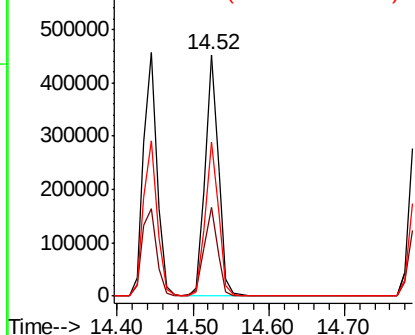


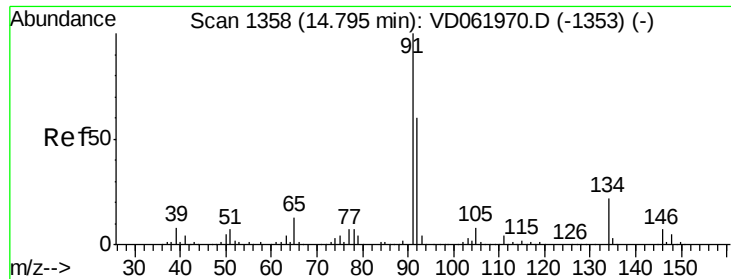
#88
 1,4-Dichlorobenzene
 Concen: 50.534 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:146 Resp: 558289
 Ion Ratio Lower Upper
 146 100
 111 36.6 20.2 60.5
 148 64.0 32.0 96.2



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





#89

n-Butylbenzene

Concen: 49.612 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

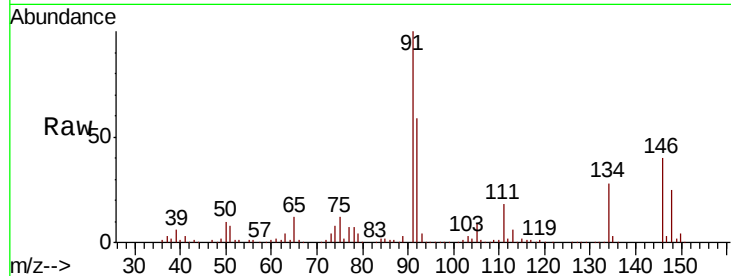
Tgt Ion: 91 Resp: 935591

Ion Ratio Lower Upper

91 100

92 58.7 30.3 91.0

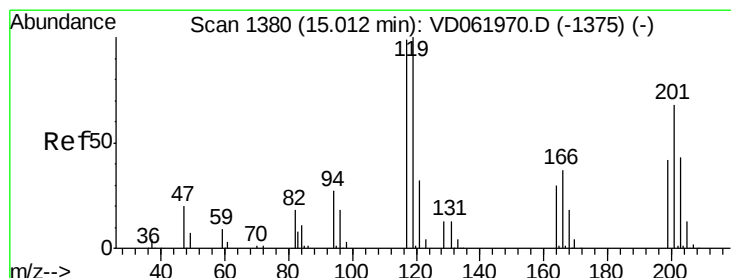
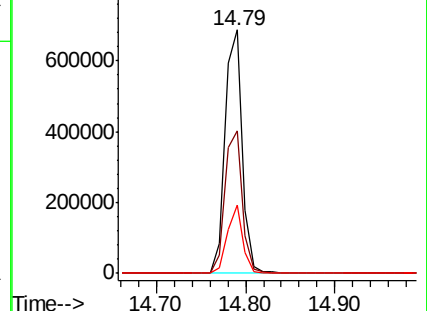
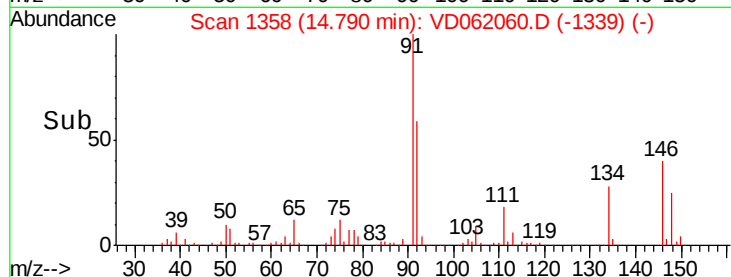
134 28.2 14.5 43.6



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: 52.147 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062060.D

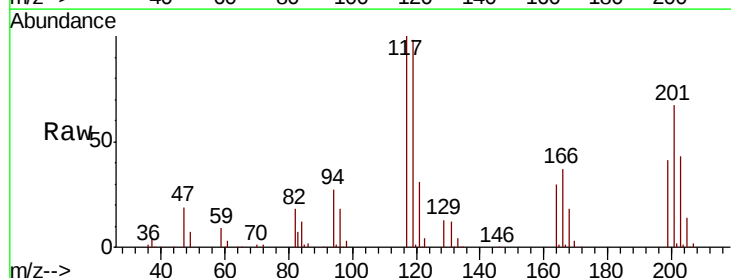
Acq: 29 Apr 2019 13:43

Tgt Ion: 117 Resp: 296195

Ion Ratio Lower Upper

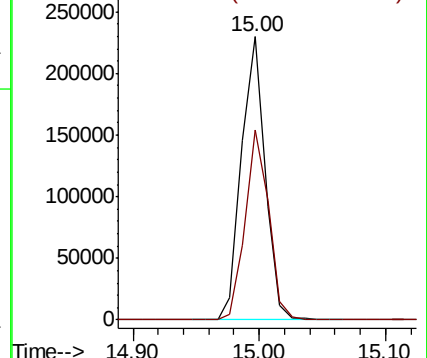
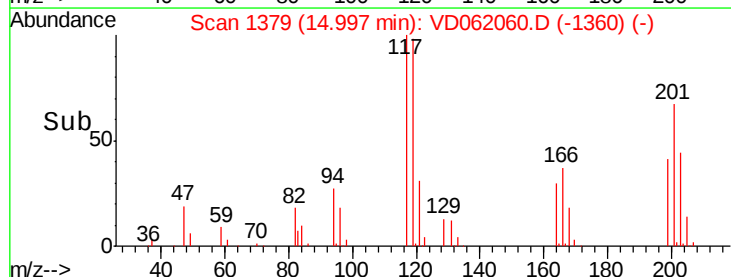
117 100

201 67.0 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 49.465 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

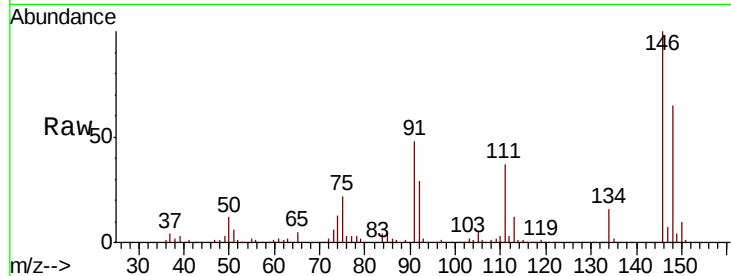
Tgt Ion:146 Resp: 482025

Ion Ratio Lower Upper

146 100

111 37.3 20.0 59.9

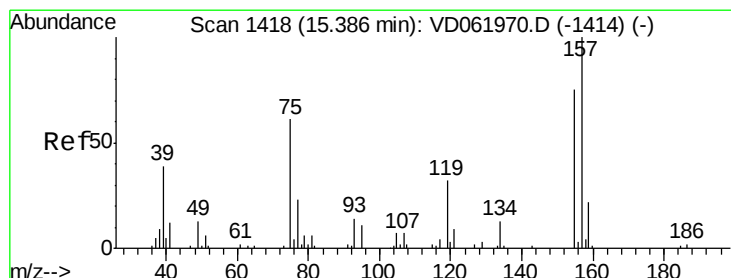
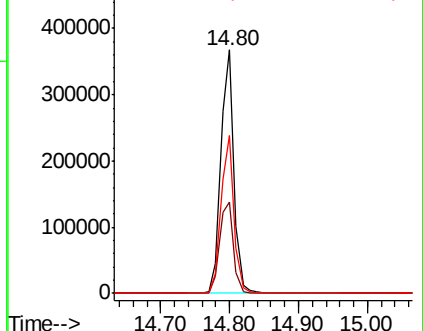
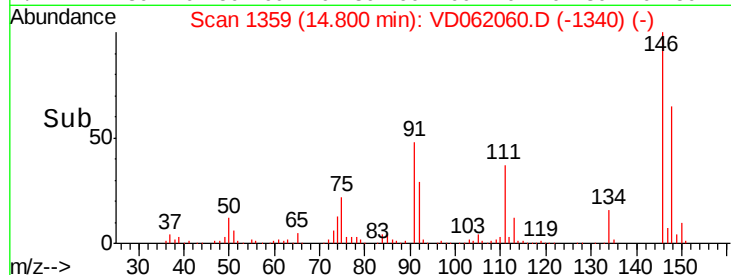
148 64.6 32.3 96.8



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: 48.418 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VD062060.D

Acq: 29 Apr 2019 13:43

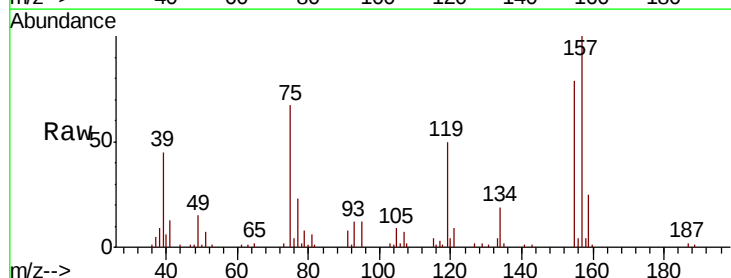
Tgt Ion: 75 Resp: 32905

Ion Ratio Lower Upper

75 100

155 118.2 55.3 165.8

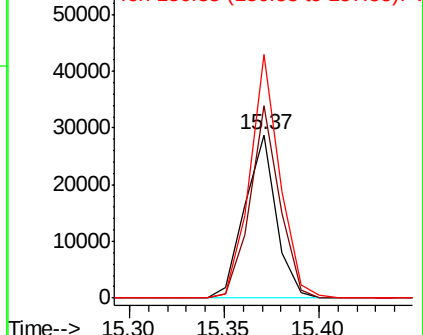
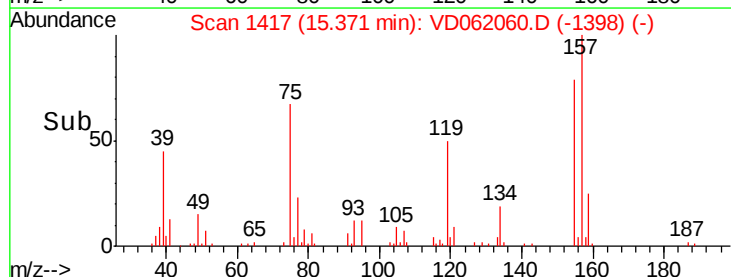
157 149.3 67.8 203.2

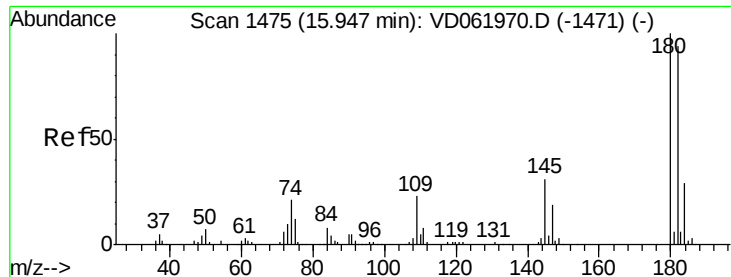


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

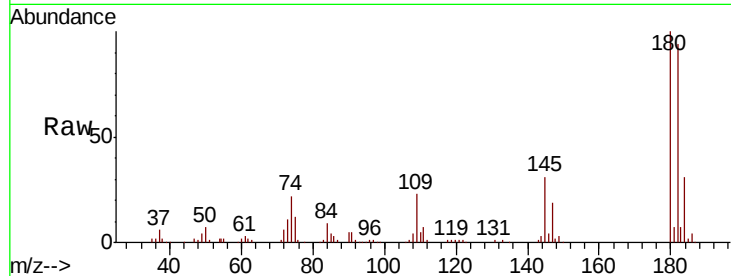




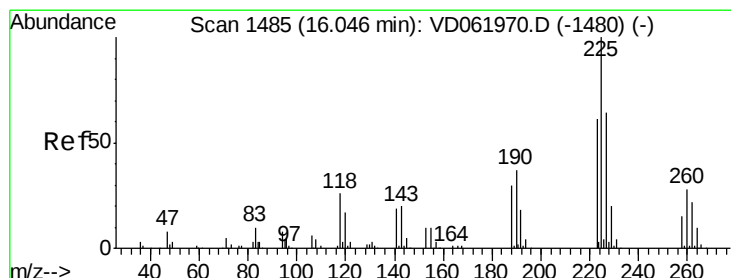
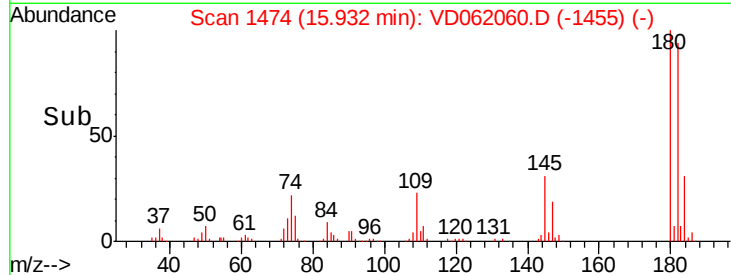
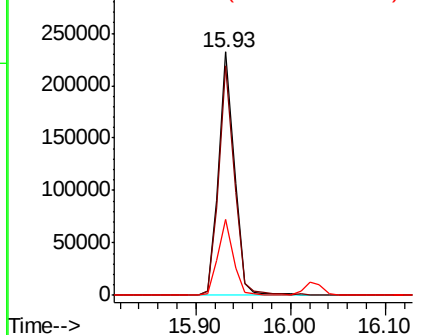
#93
 1,2,4-Trichlorobenzene
 Concen: 51.098 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 268666
 Ion Ratio Lower Upper
 180 100
 182 94.5 49.3 147.8
 145 31.2 16.2 48.6

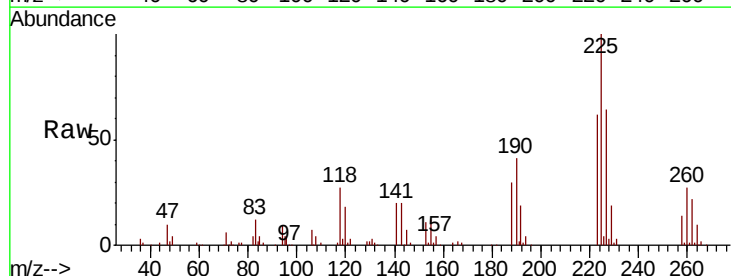


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

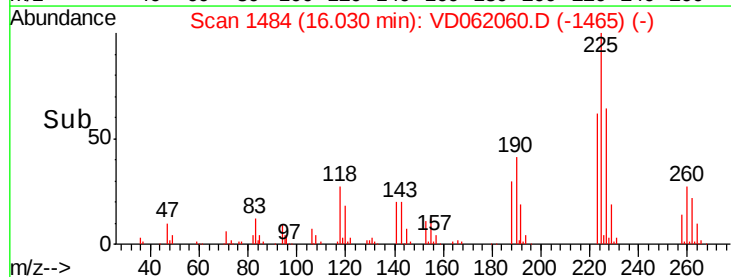
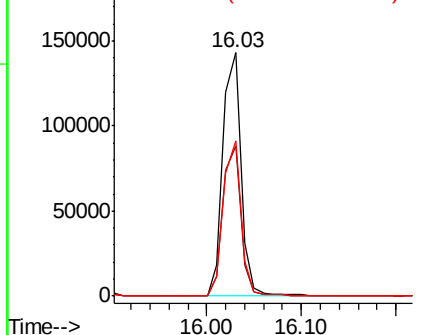


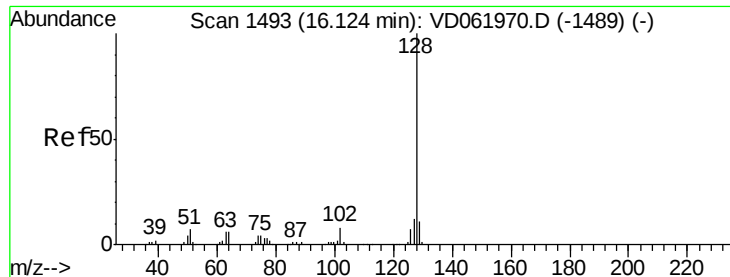
#94
 Hexachlorobutadiene
 Concen: 49.164 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062060.D
 Acq: 29 Apr 2019 13:43

Tgt Ion:225 Resp: 191297
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.6 92.0
 227 63.6 32.0 96.2



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

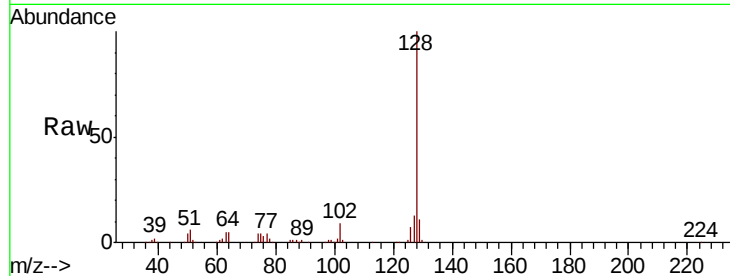




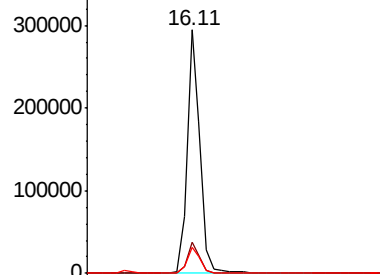
#95
Naphthalene
Concen: 41.574 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

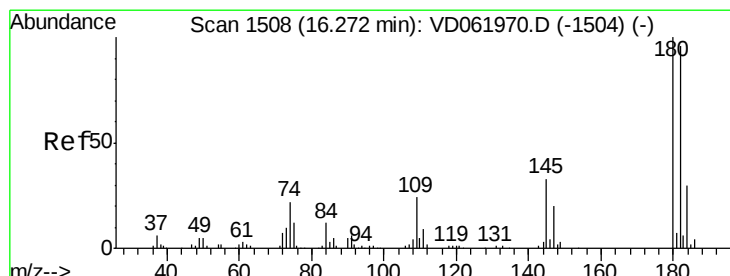
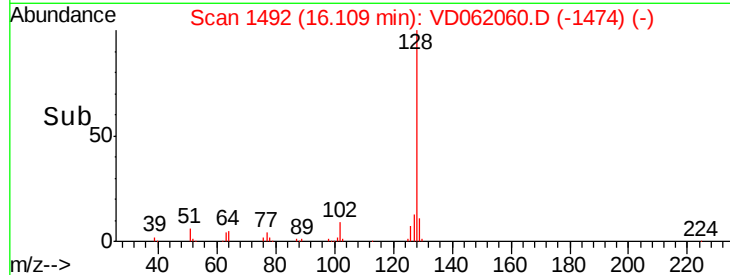
Tgt Ion:128 Resp: 352941
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 10.8 8.8 13.2



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

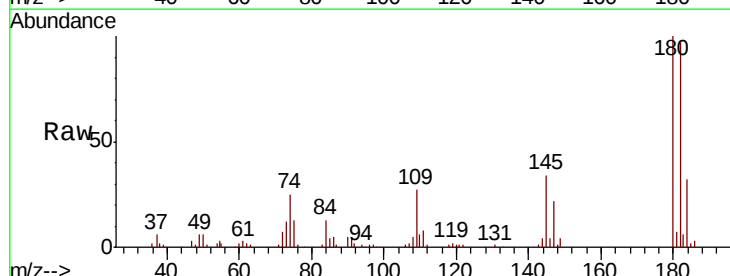


Time--> 16.00 16.10 16.20 16.30

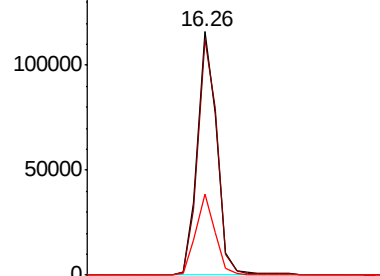


#96
1,2,3-Trichlorobenzene
Concen: 48.633 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062060.D
Acq: 29 Apr 2019 13:43

Tgt Ion:180 Resp: 145083
Ion Ratio Lower Upper
180 100
182 97.1 47.0 141.0
145 33.5 17.0 51.0



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



Time--> 16.20 16.30 16.40

