

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063674.D
 Acq On : 20 Aug 2019 10:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 10:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1067905	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.20	114	1467341	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	1218971	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	642051	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	583014	51.07	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	6.91	113	634699	51.36	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.40	98	1444621	53.17	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	13.55	95	581119	47.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	567218	43.903	ug/l	98
3) Chloromethane	1.74	50	447239	44.306	ug/l	98
4) Vinyl Chloride	1.83	62	477679	47.669	ug/l	100
5) Bromomethane	2.14	94	231149	48.886	ug/l	99
6) Chloroethane	2.25	64	219057	47.803	ug/l	93
7) Trichlorofluoromethane	2.52	101	960738	48.878	ug/l	96
8) Diethyl Ether	2.86	74	130305	46.954	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.13	101	568901	49.017	ug/l	95
10) Methyl Iodide	3.29	142	761308	46.359	ug/l #	95
11) Tert butyl alcohol	4.07	59	123890	249.315	ug/l	98
12) 1,1-Dichloroethene	3.11	96	401125	46.485	ug/l	97
13) Acrolein	3.02	56	107089	218.939	ug/l	85
14) Allyl chloride	3.60	41	653481	50.376	ug/l	99
15) Acrylonitrile	4.17	53	340479	258.678	ug/l	98
16) Acetone	3.21	43	661949	285.266	ug/l	96
17) Carbon Disulfide	3.36	76	1213754	44.568	ug/l	98
18) Methyl Acetate	3.62	43	198095	45.070	ug/l	97
19) Methyl tert-butyl Ether	4.22	73	954665	55.320	ug/l	99
20) Methylene Chloride	3.80	84	428616	42.716	ug/l	94
21) trans-1,2-Dichloroethene	4.19	96	461657	50.840	ug/l	95
22) Diisopropyl ether	5.10	45	1336160	49.916	ug/l	97
23) Vinyl Acetate	5.04	43	3985115	256.083	ug/l	100
24) 1,1-Dichloroethane	4.96	63	829183	49.943	ug/l	98
25) 2-Butanone	6.05	43	638300	278.518	ug/l	98
26) 2,2-Dichloropropane	6.01	77	846954	51.217	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	496631	49.988	ug/l	98
28) Bromochloromethane	6.42	49	338582	50.319	ug/l	99
29) Tetrahydrofuran	6.44	42	250459	234.533	ug/l	99
30) Chloroform	6.65	83	1005416	48.720	ug/l	96
31) Cyclohexane	6.94	56	450829	43.740	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	1001107	50.713	ug/l	98
36) 1,1-Dichloropropene	7.13	75	650747	50.167	ug/l	98
37) Ethyl Acetate	6.17	43	284739	52.385	ug/l	96
38) Carbon Tetrachloride	7.10	117	1057166	54.076	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	533770	48.391	ug/l	95
40) Benzene	7.44	78	1411345	49.441	ug/l	98
41) Methacrylonitrile	6.43	41	332513	48.585	ug/l #	90
42) 1,2-Dichloroethane	7.56	62	717343	49.976	ug/l	99
43) Isopropyl Acetate	9.22	43	398899	54.795	ug/l #	98
44) Trichloroethene	8.53	130	543401	49.804	ug/l	99
45) 1,2-Dichloropropane	8.93	63	349853	52.628	ug/l	93
46) Dibromomethane	9.05	93	274990	48.439	ug/l	98
47) Bromodichloromethane	9.36	83	751490	51.606	ug/l	97
48) Methyl methacrylate	9.11	41	247247	50.080	ug/l	97
49) 1,4-Dioxane	9.07	88	41733	947.923	ug/l #	81
51) 4-Methyl-2-Pentanone	10.29	43	1322757	265.538	ug/l	97
52) Toluene	10.50	92	906243	49.289	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	642020	54.024	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	688663	51.392	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	311466	50.149	ug/l	97
56) Ethyl methacrylate	11.04	69	349236	51.806	ug/l	99
57) 1,3-Dichloropropane	11.40	76	485172	51.679	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.84	63	1060274	297.922	ug/l	95
59) 2-Hexanone	11.52	43	1035996	285.822	ug/l	97
60) Dibromochloromethane	11.68	129	583032	51.589	ug/l	98
61) 1,2-Dibromoethane	11.79	107	386476	51.402	ug/l	97
64) Tetrachloroethene	11.25	164	444373	47.223	ug/l	97
65) Chlorobenzene	12.39	112	1169888	51.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	532673	52.978	ug/l	96
67) Ethyl Benzene	12.51	91	2067455	52.045	ug/l	98
68) m/p-Xylenes	12.66	106	1447471	103.714	ug/l	98
69) o-Xylene	13.04	106	664806	49.492	ug/l	99
70) Styrene	13.06	104	1164185	48.724	ug/l	98
71) Bromoform	13.23	173	378098	54.842	ug/l	99
73) Isopropylbenzene	13.40	105	1982747	48.551	ug/l	100
74) N-amyl acetate	13.26	43	553518	53.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	343330	50.651	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	400725	54.383	ug/l	99
77) Bromobenzene	13.66	156	582307	52.173	ug/l	91
78) n-propylbenzene	13.76	91	2421044	50.669	ug/l	93
79) 2-Chlorotoluene	13.83	91	1459221	52.966	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	1804392	50.569	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	99445	50.212	ug/l	98
82) 4-Chlorotoluene	13.94	91	1681604	50.759	ug/l	96
83) tert-Butylbenzene	14.19	119	1888406	50.258	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	1754894	53.154	ug/l	97
85) sec-Butylbenzene	14.36	105	2096659	52.544	ug/l	97
86) p-Isopropyltoluene	14.48	119	1972409	51.697	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	958983	47.502	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	957481	49.433	ug/l	99
89) n-Butylbenzene	14.80	91	1836320	52.735	ug/l	98
90) Hexachloroethane	15.00	117	503498	52.504	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	842555	49.191	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	63892	50.060	ug/l	90

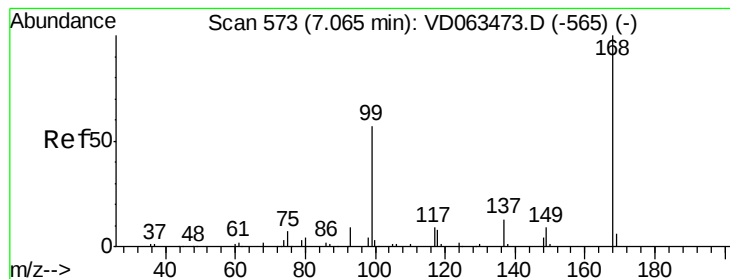
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	716971	56.886	ug/l	99
94) Hexachlorobutadiene	16.03	225	513668	53.476	ug/l	97
95) Naphthalene	16.12	128	933790	48.888	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	547554	53.789	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

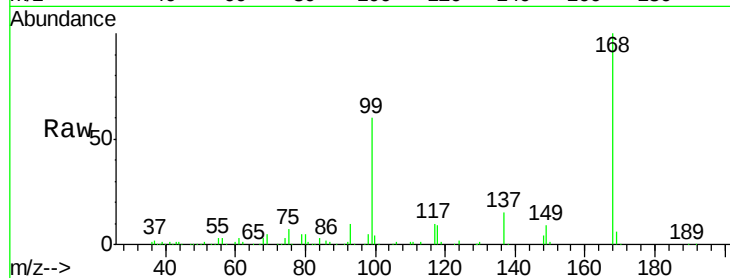
VSTDCCC050

Tot Ion:168 Resp: 1067905

Ion Ratio Lower Upper

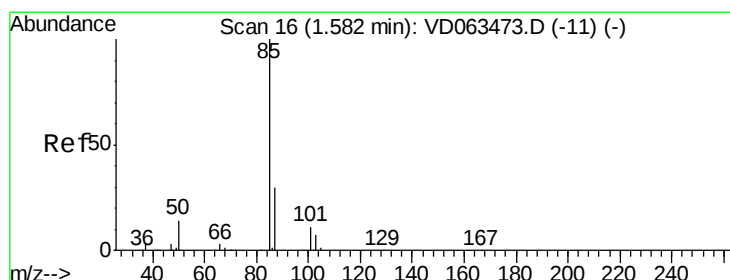
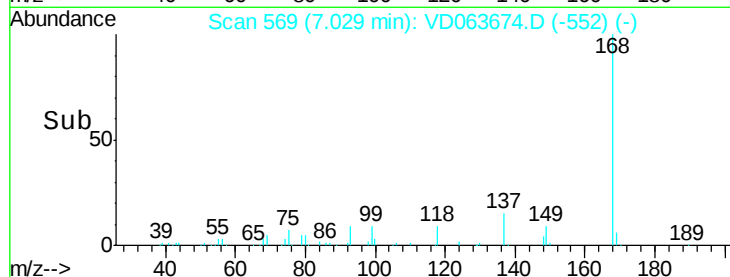
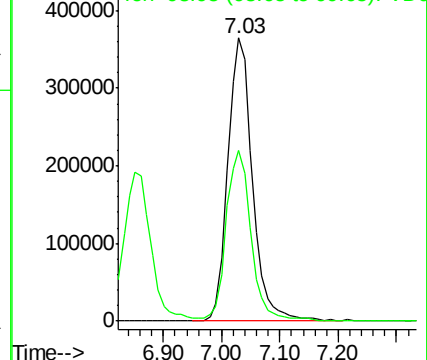
168 100

99 60.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 43.903 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.02 min

Lab File: VD063674.D

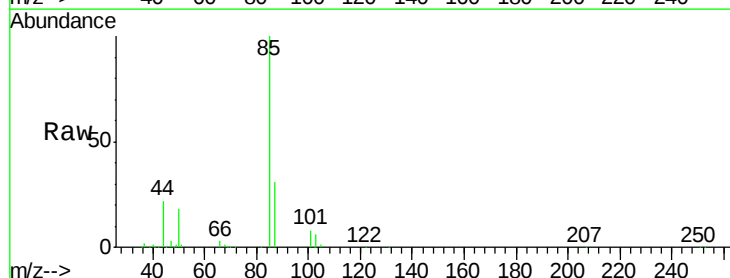
Acq: 20 Aug 2019 10:08

Tgt Ion: 85 Resp: 567218

Ion Ratio Lower Upper

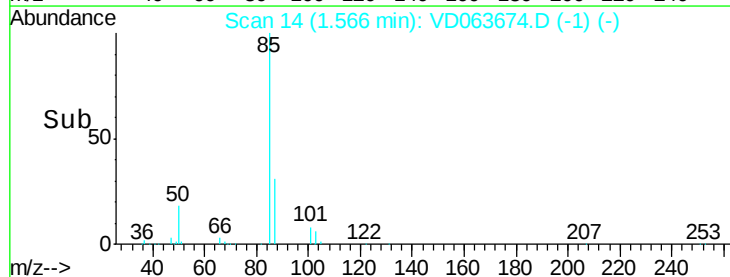
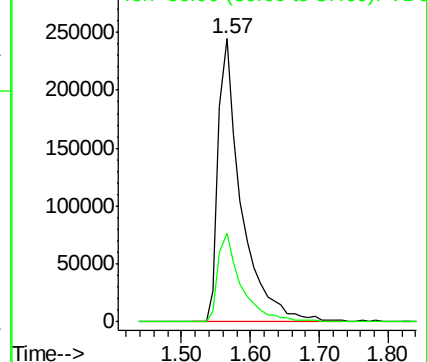
85 100

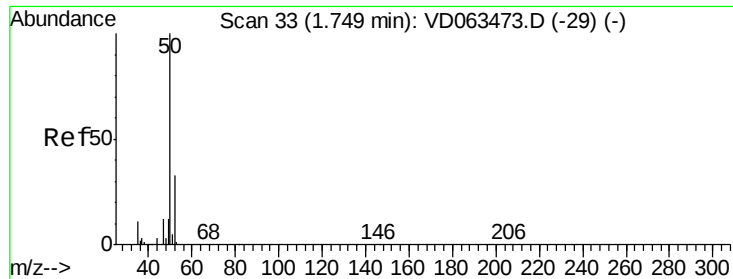
87 31.3 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.306 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.01 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

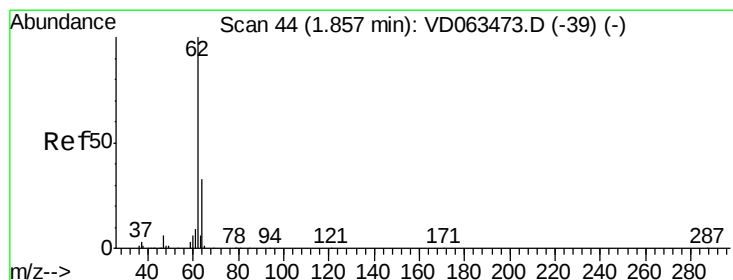
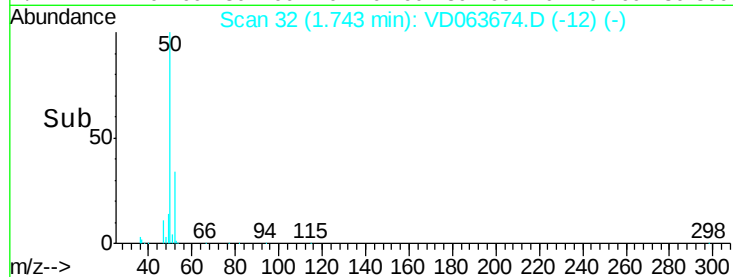
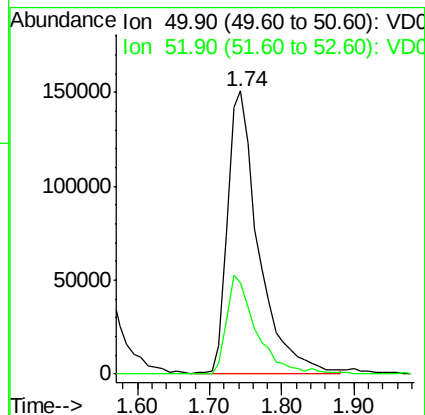
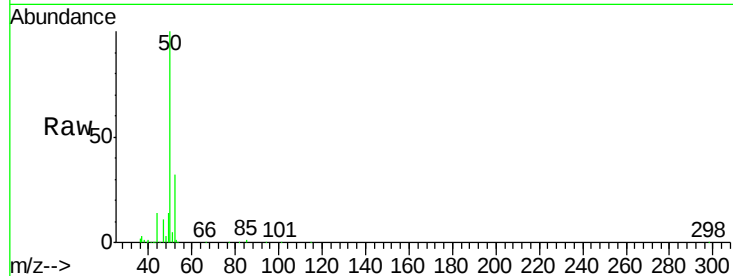
VSTDCCC050

Tot Ion: 50 Resp: 447239

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



#4

Vinyl Chloride

Concen: 47.669 ug/l

RT: 1.83 min Scan# 41

Delta R.T. -0.03 min

Lab File: VD063674.D

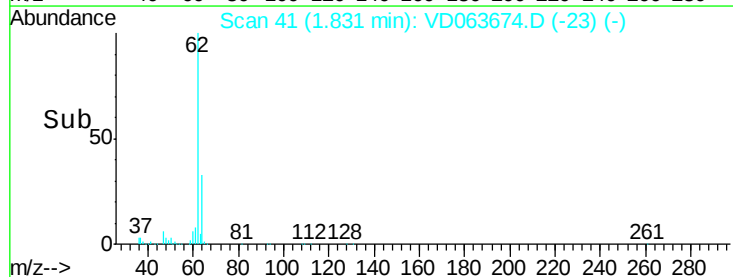
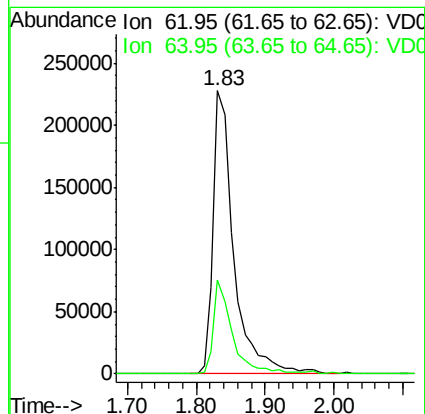
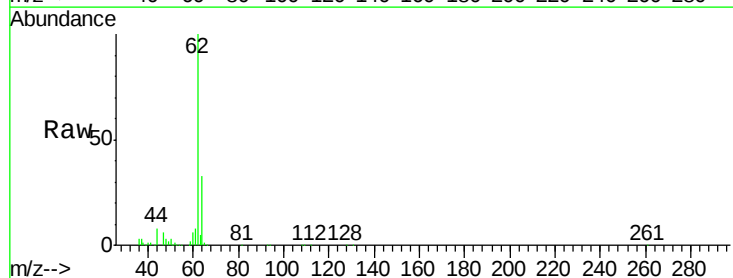
Acq: 20 Aug 2019 10:08

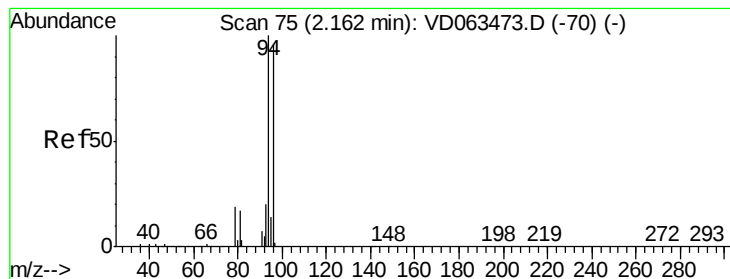
Tgt Ion: 62 Resp: 477679

Ion Ratio Lower Upper

62 100

64 33.2 26.4 39.6





#5

Bromomethane

Concen: 48.886 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

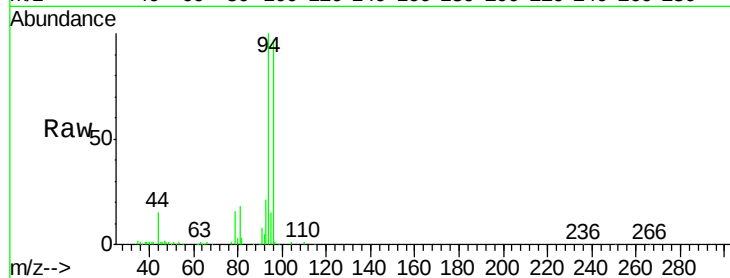
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 231149

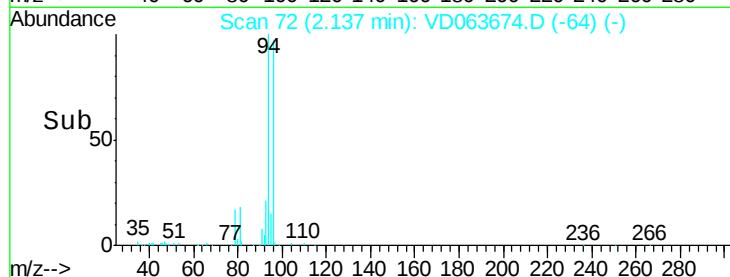
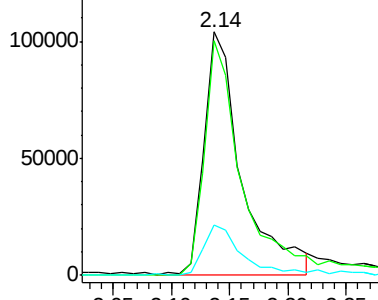
Ion	Ratio	Lower	Upper
94	100		
96	96.5	76.5	114.7
93	20.7	15.8	23.8



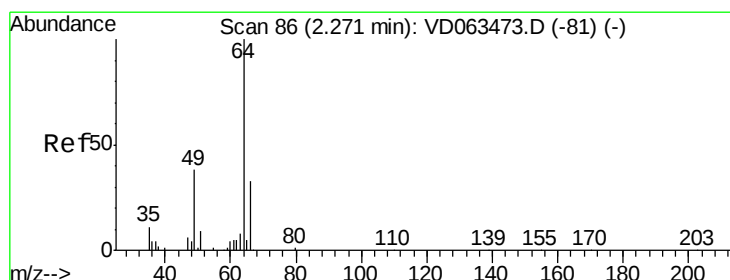
Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



Time-->



#6

Chloroethane

Concen: 47.803 ug/l

RT: 2.25 min Scan# 84

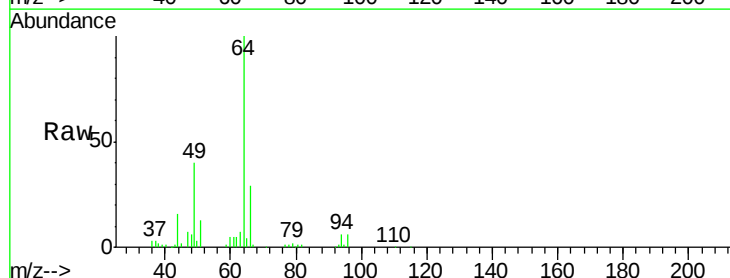
Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

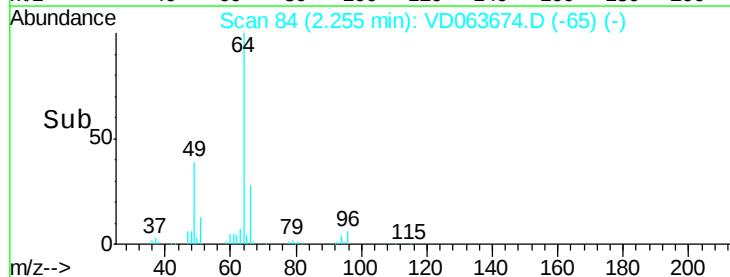
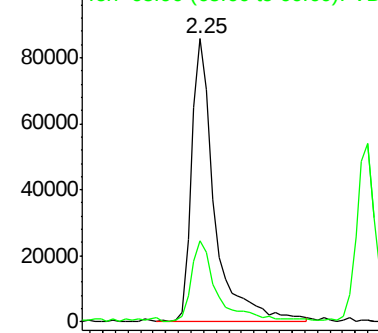
Tgt Ion: 64 Resp: 219057

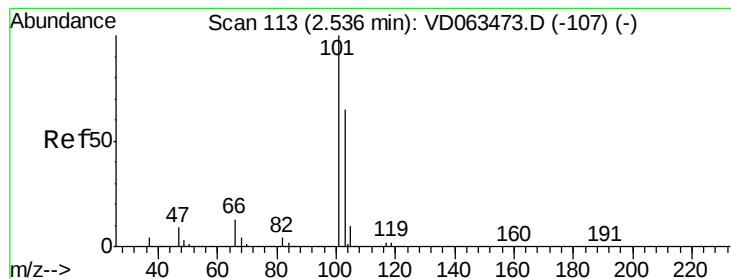
Ion	Ratio	Lower	Upper
64	100		
66	28.7	26.3	39.5



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



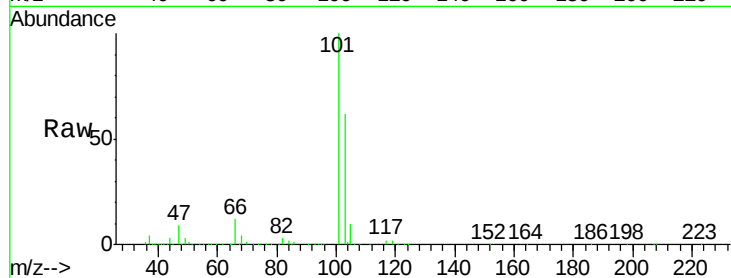


#7

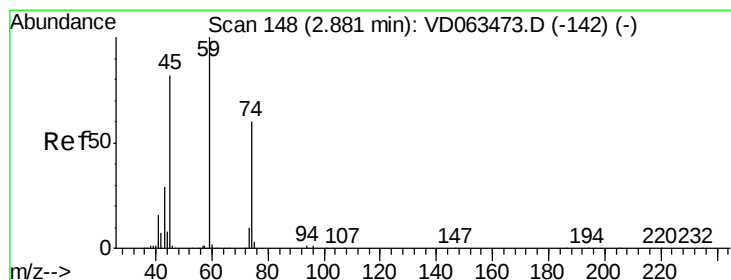
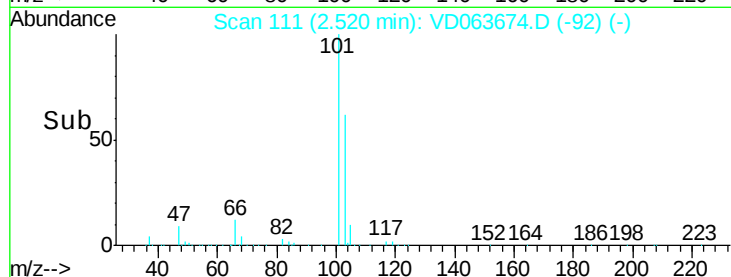
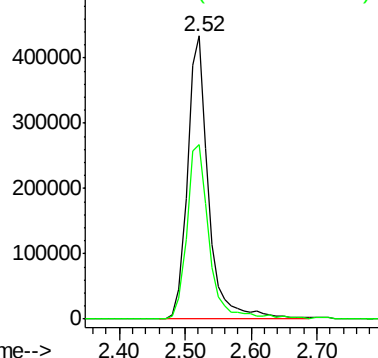
Trichlorofluoromethane
 Concen: 48.878 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

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 VSTDCCC050

Tot Ion:101 Resp: 960738
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.2 78.4



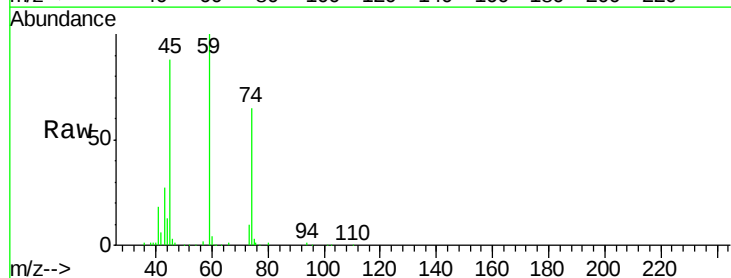
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



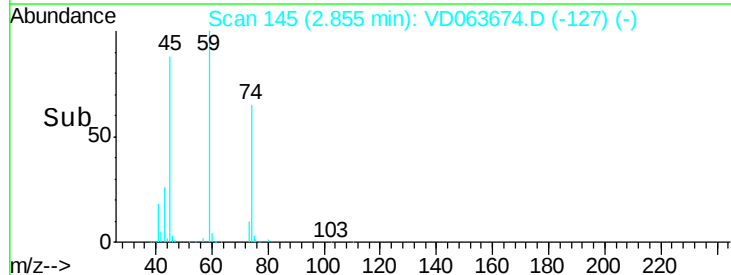
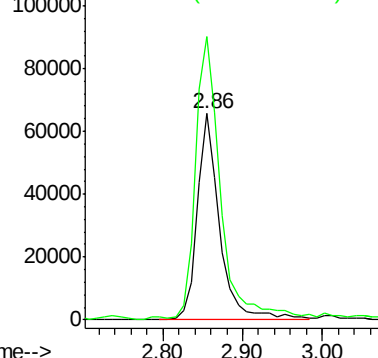
#8

Diethyl Ether
 Concen: 46.954 ug/l
 RT: 2.86 min Scan# 145
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion: 74 Resp: 130305
 Ion Ratio Lower Upper
 74 100
 45 137.1 68.5 205.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.017 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

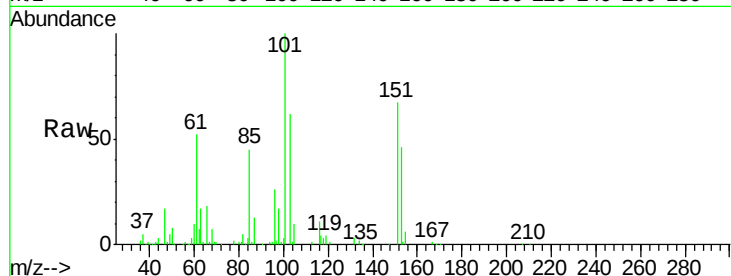
Tot Ion:101 Resp: 568901

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.6

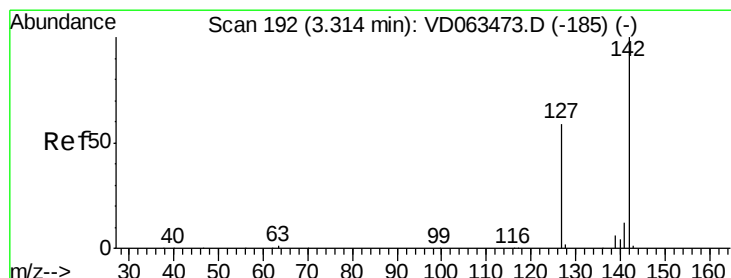
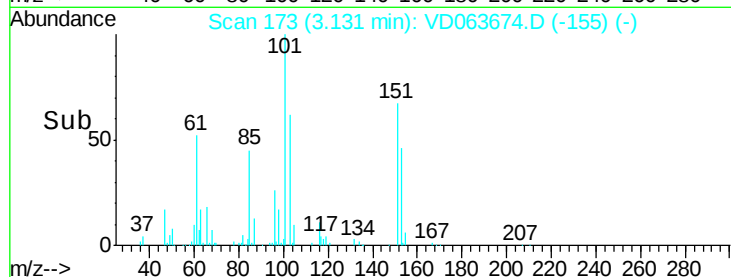
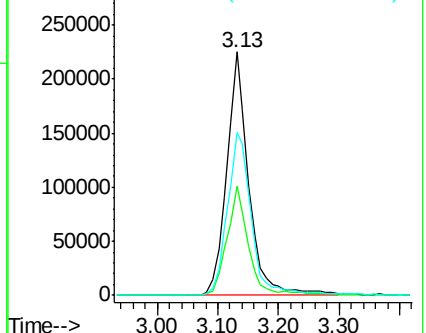
151 67.0 58.6 88.0



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: 46.359 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

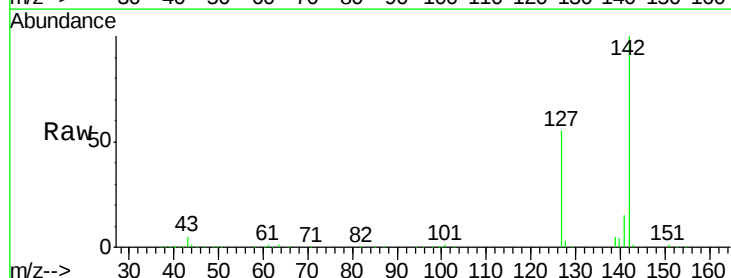
Tgt Ion:142 Resp: 761308

Ion Ratio Lower Upper

142 100

127 55.3 47.2 70.8

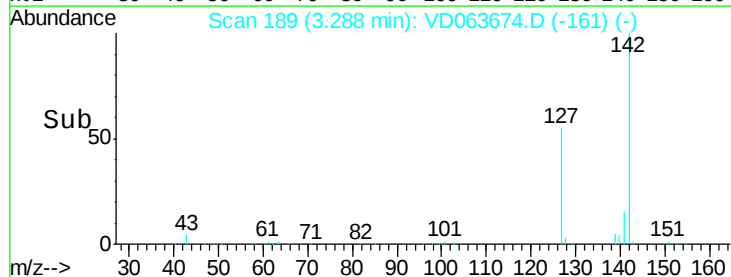
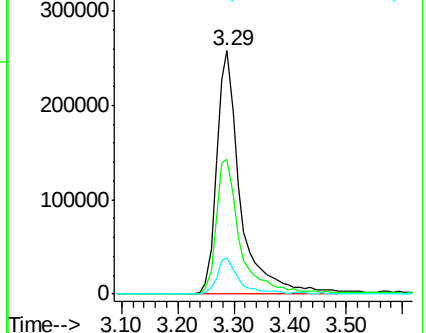
141 14.8 9.8 14.8#

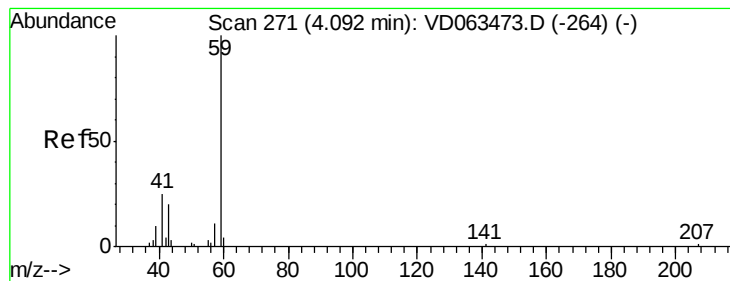


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 249.315 ug/l

RT: 4.07 min Scan# 268

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

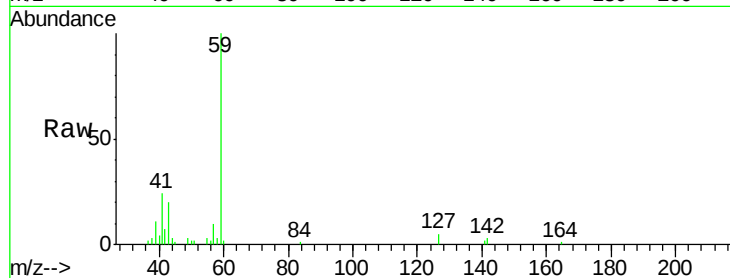
VSTDCCC050

Tot Ion: 59 Resp: 123890

Ion Ratio Lower Upper

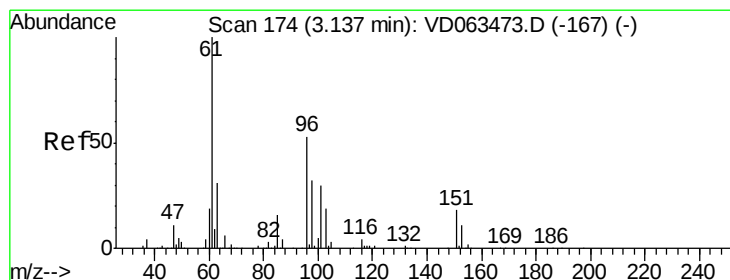
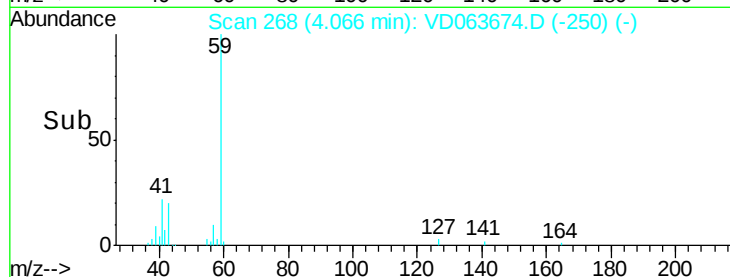
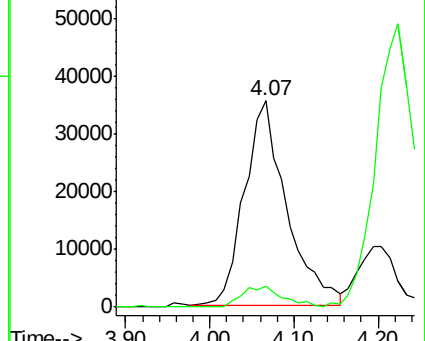
59 100

57 10.2 8.7 13.1



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 46.485 ug/l

RT: 3.11 min Scan# 171

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

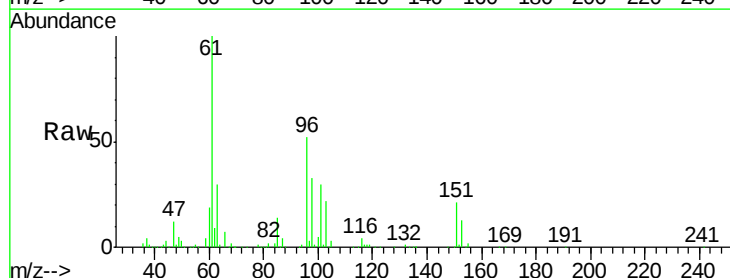
Tgt Ion: 96 Resp: 401125

Ion Ratio Lower Upper

96 100

61 193.5 151.7 227.5

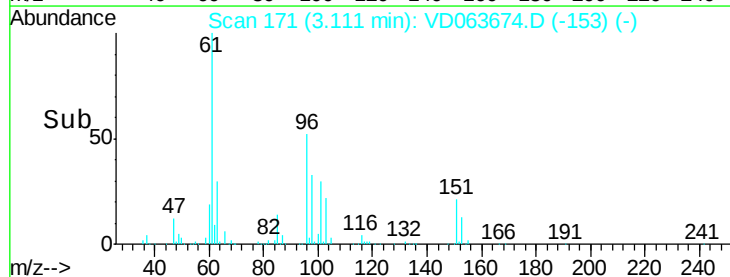
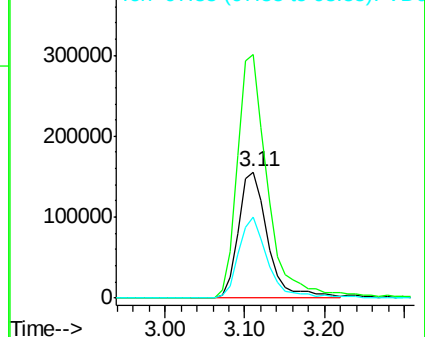
98 64.0 48.4 72.6

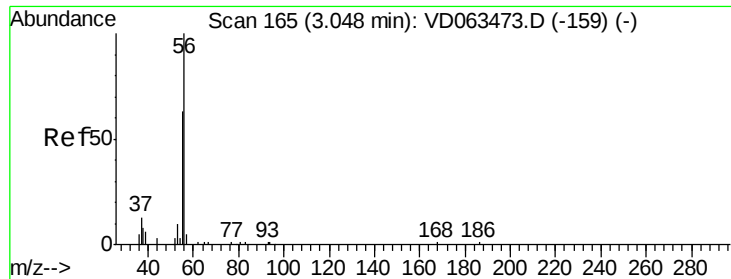


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 218.939 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

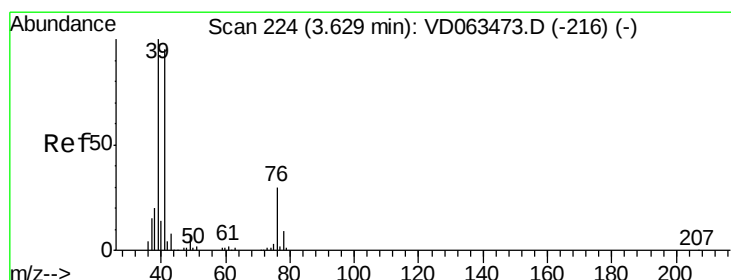
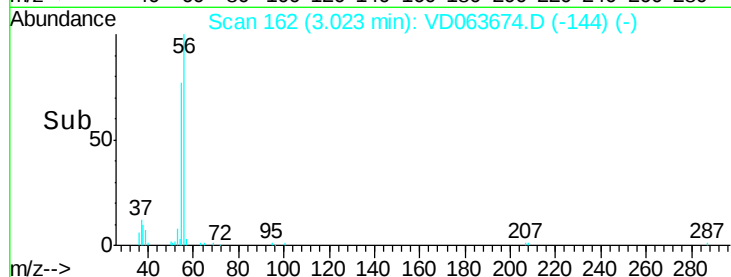
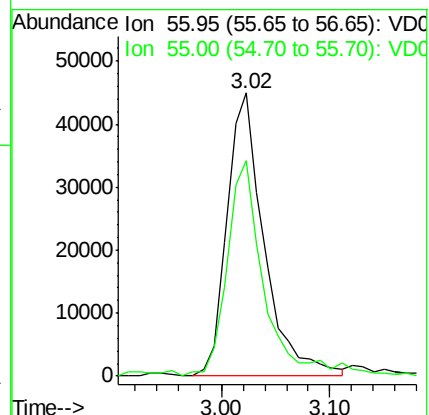
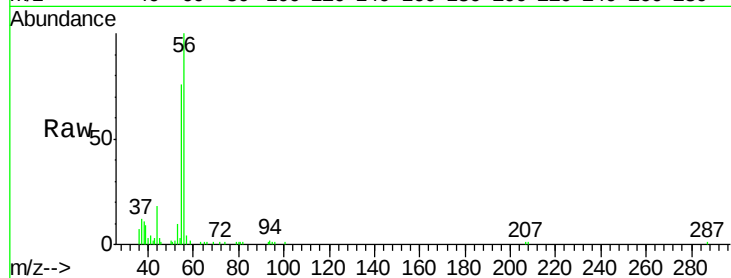
VSTDCCC050

Tot Ion: 56 Resp: 107089

Ion Ratio Lower Upper

56 100

55 76.0 51.3 76.9



#14

Allyl chloride

Concen: 50.376 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

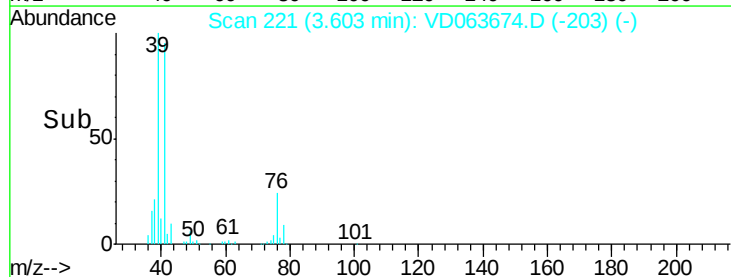
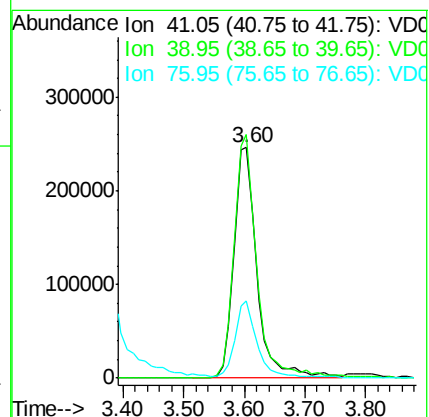
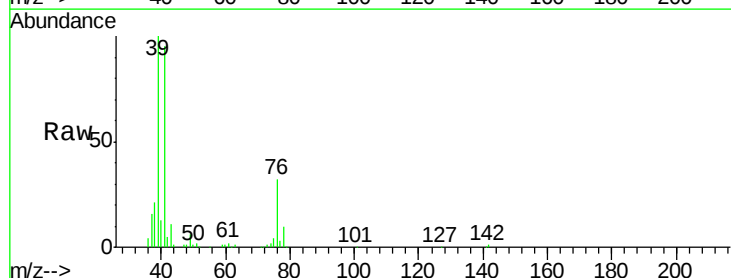
Tgt Ion: 41 Resp: 653481

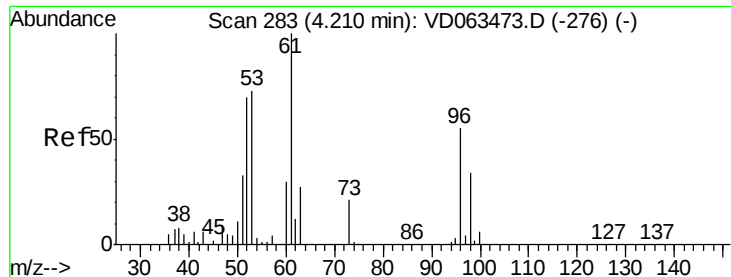
Ion Ratio Lower Upper

41 100

39 105.5 84.2 126.4

76 33.5 26.0 39.0





#15

Acrylonitrile

Concen: 258.678 ug/l

RT: 4.17 min Scan# 279

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

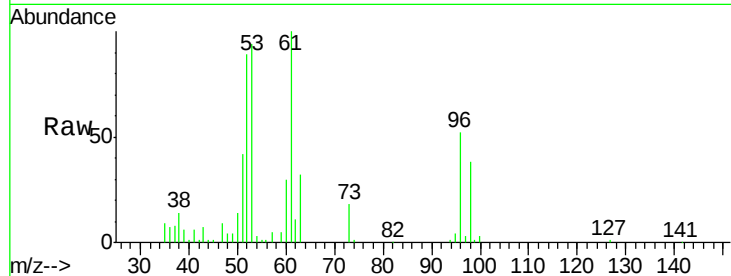
Tot Ion: 53 Resp: 340479

Ion Ratio Lower Upper

53 100

52 94.9 77.4 116.0

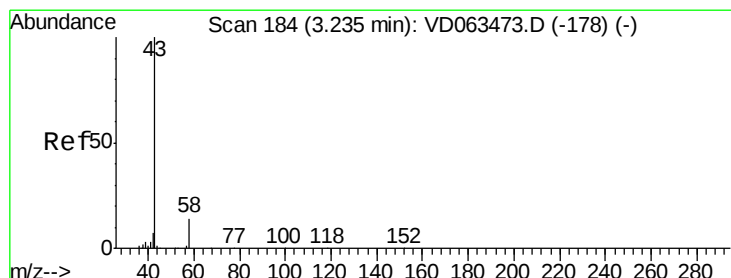
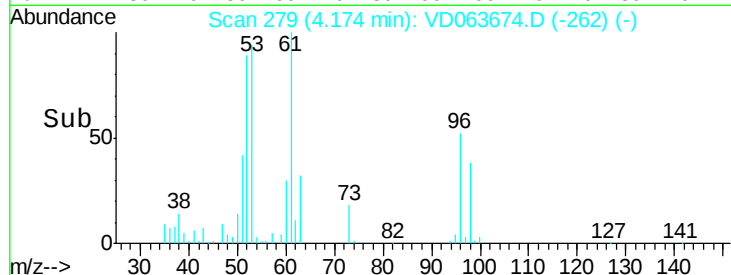
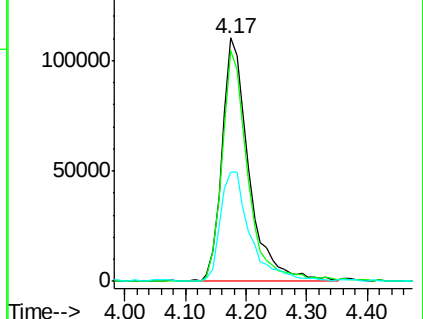
51 45.0 36.7 55.1



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: 285.266 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063674.D

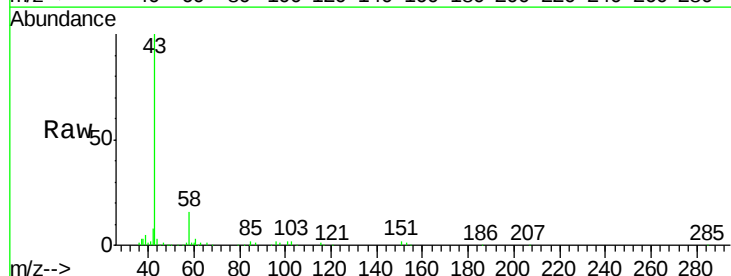
Acq: 20 Aug 2019 10:08

Tgt Ion: 43 Resp: 661949

Ion Ratio Lower Upper

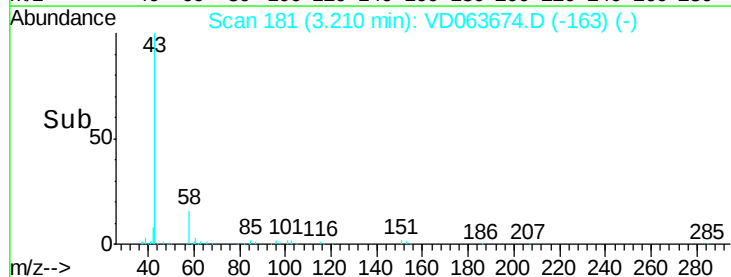
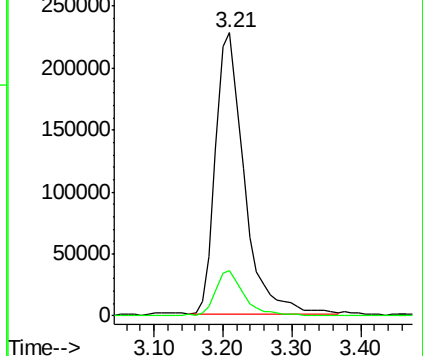
43 100

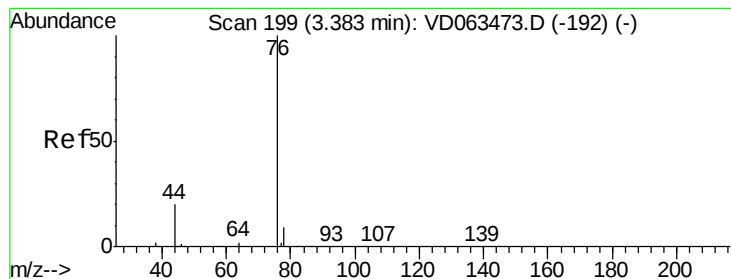
58 16.0 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 44.568 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

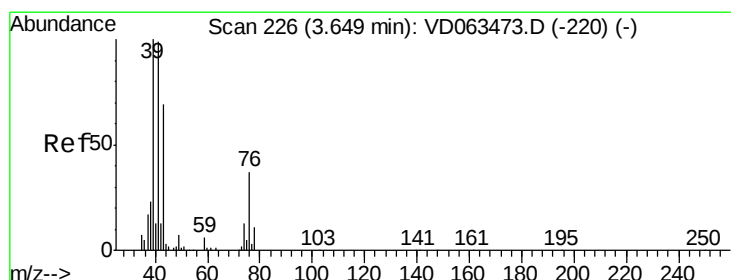
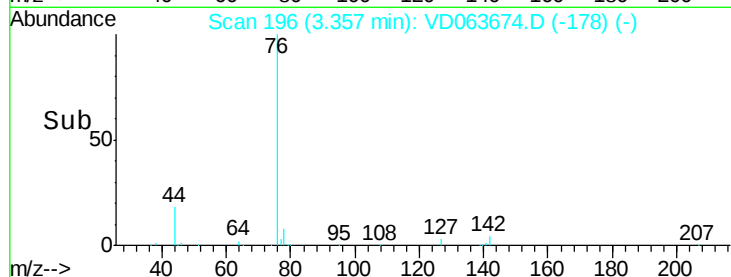
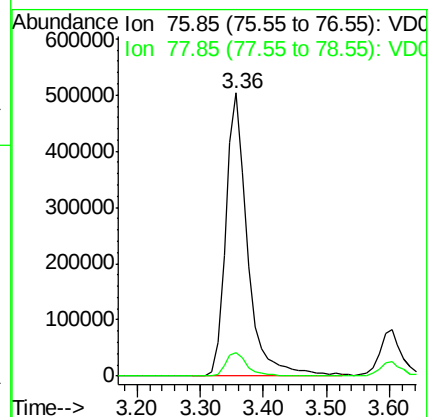
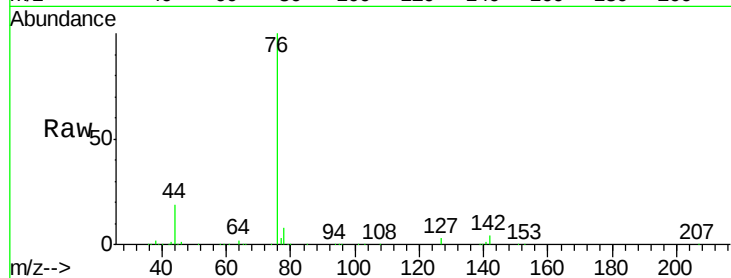
VSTDCCC050

Tot Ion: 76 Resp: 1213754

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0



#18

Methyl Acetate

Concen: 45.070 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.03 min

Lab File: VD063674.D

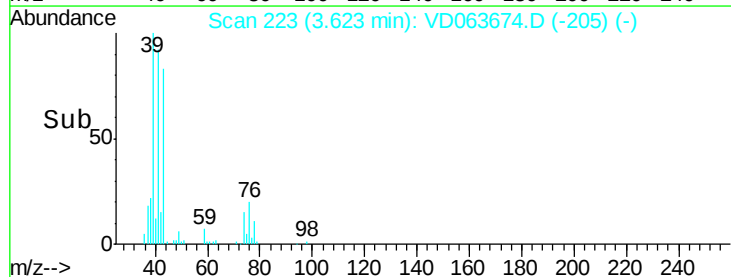
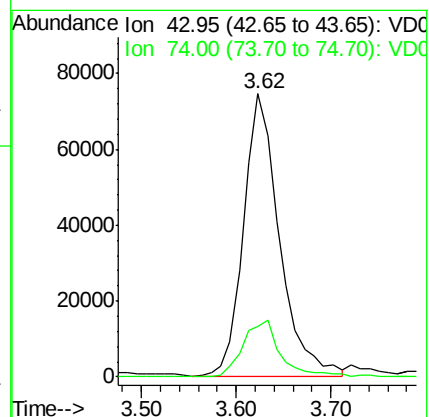
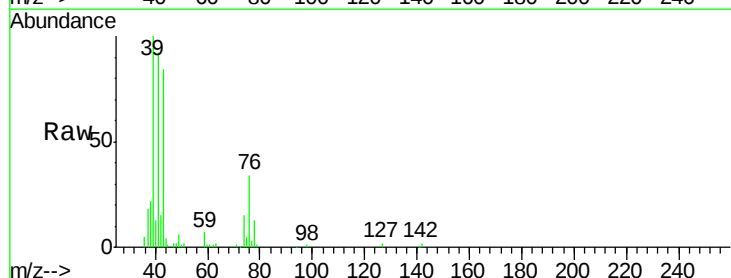
Acq: 20 Aug 2019 10:08

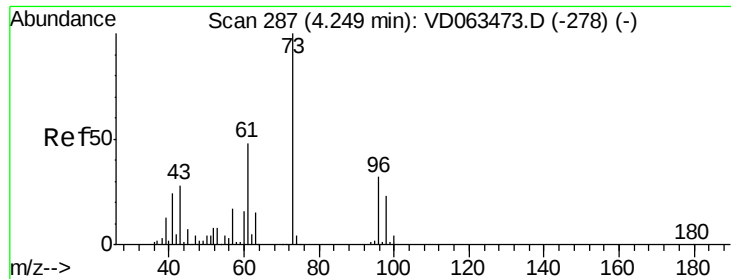
Tgt Ion: 43 Resp: 198095

Ion Ratio Lower Upper

43 100

74 17.7 15.4 23.2

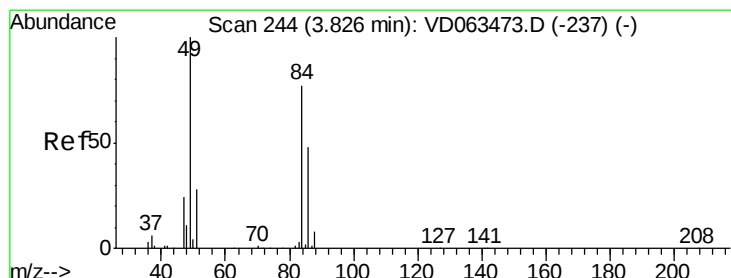
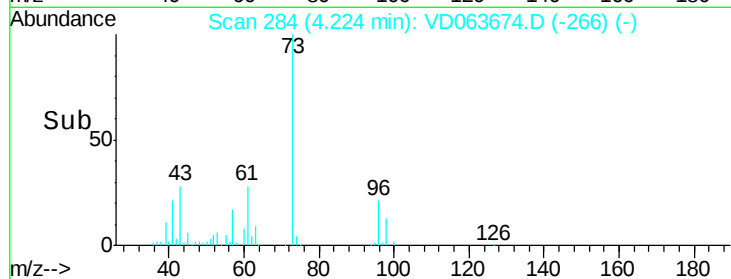
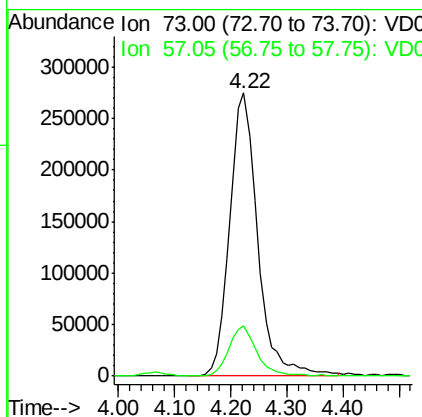
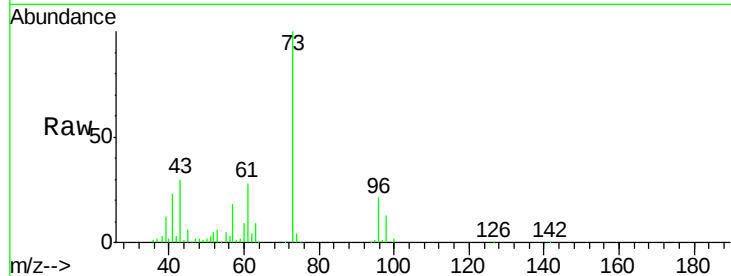




#19
Methyl tert-butyl Ether
Concen: 55.320 ug/l
RT: 4.22 min Scan# 284
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

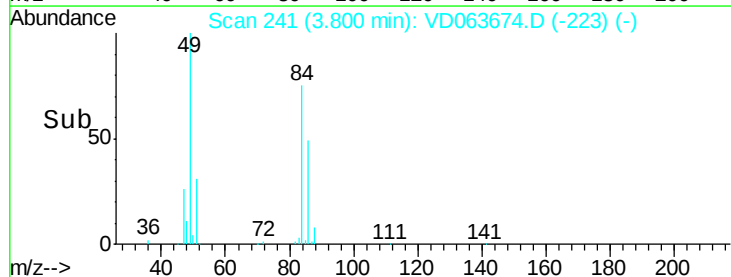
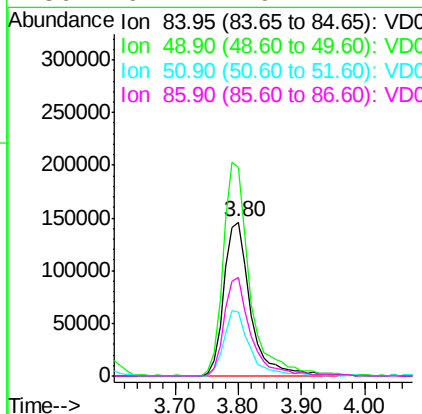
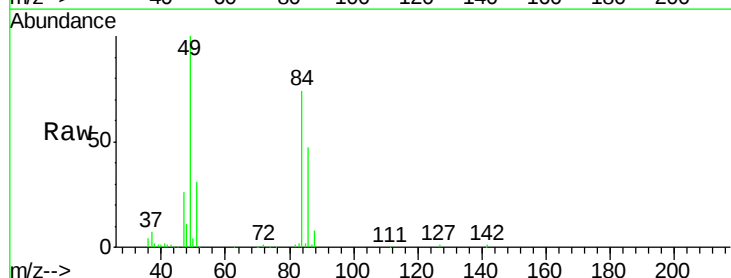
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

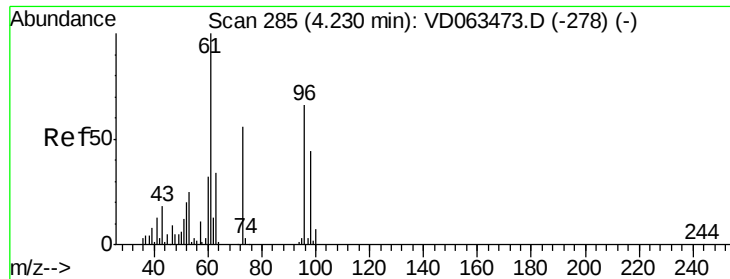
Tot Ion: 73 Resp: 954665
Ion Ratio Lower Upper
73 100
57 17.9 14.0 21.0



#20
Methylene Chloride
Concen: 42.716 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion: 84 Resp: 428616
Ion Ratio Lower Upper
84 100
49 136.0 103.4 155.2
51 41.9 28.5 42.7
86 64.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.840 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

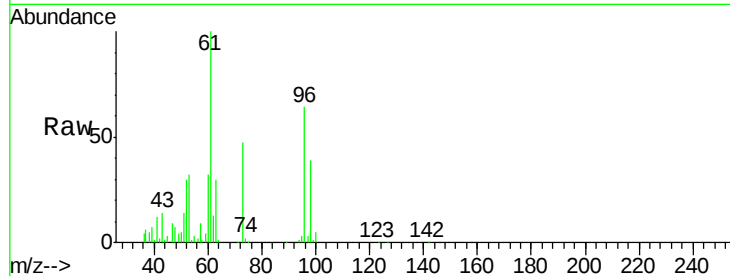
Tot Ion: 96 Resp: 461657

Ion Ratio Lower Upper

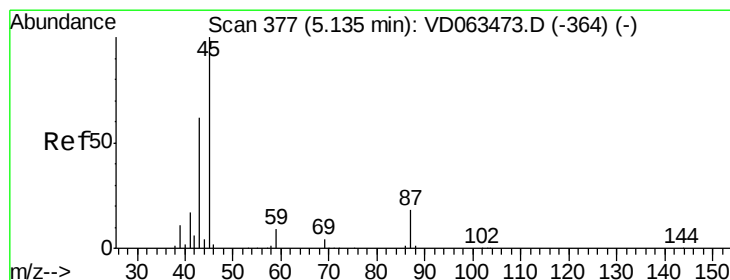
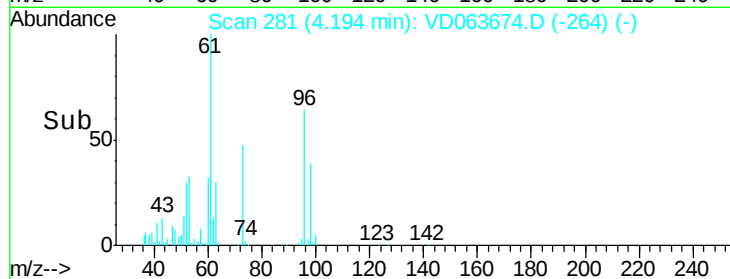
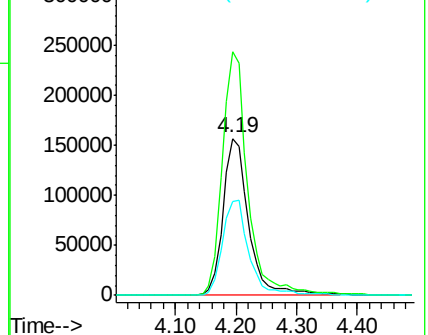
96 100

61 155.5 121.7 182.5

98 60.3 54.2 81.2



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: 49.916 ug/l

RT: 5.10 min Scan# 373

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Tgt Ion: 45 Resp: 1336160

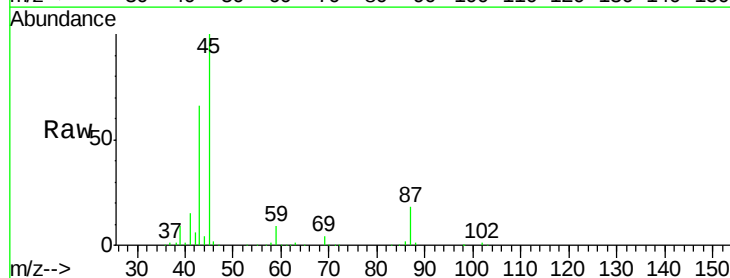
Ion Ratio Lower Upper

45 100

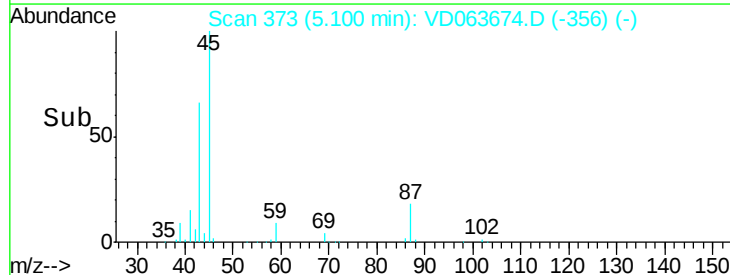
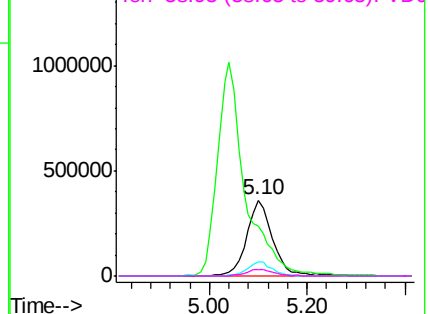
43 66.3 50.3 75.5

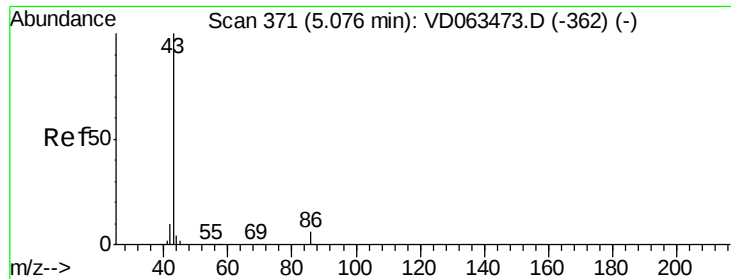
87 18.3 14.3 21.5

59 9.1 7.7 11.5



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: 256.083 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleID :

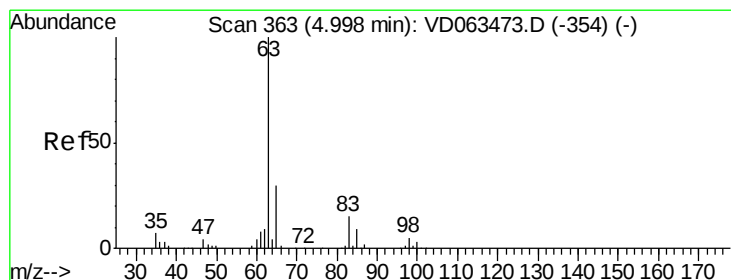
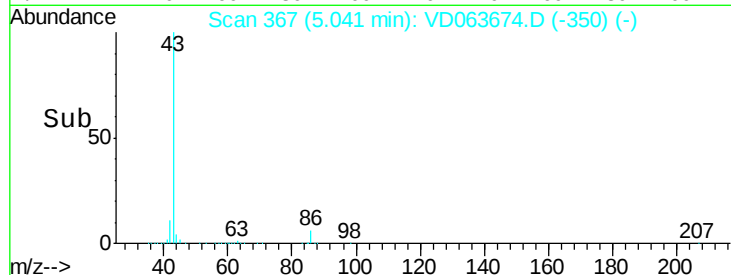
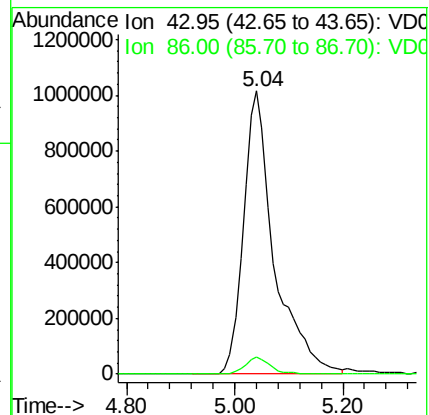
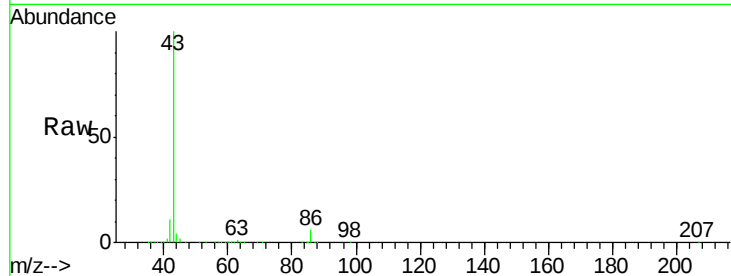
VSTDCCC050

Tot Ion: 43 Resp: 3985115

Ion Ratio Lower Upper

43 100

86 6.1 4.8 7.2



#24

1,1-Dichloroethane

Concen: 49.943 ug/l

RT: 4.96 min Scan# 359

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

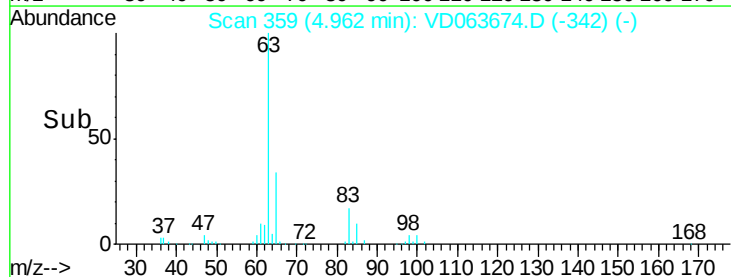
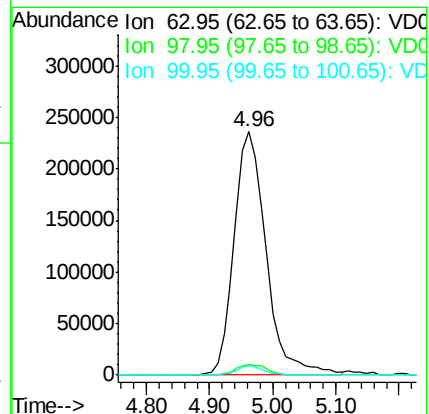
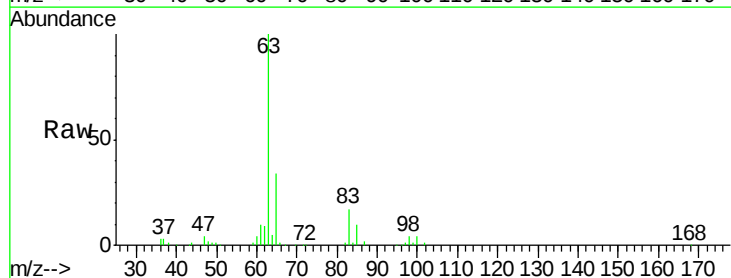
Tgt Ion: 63 Resp: 829183

Ion Ratio Lower Upper

63 100

98 4.3 2.4 7.2

100 3.6 1.3 3.8





#25

2-Butanone

Concen: 278.518 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

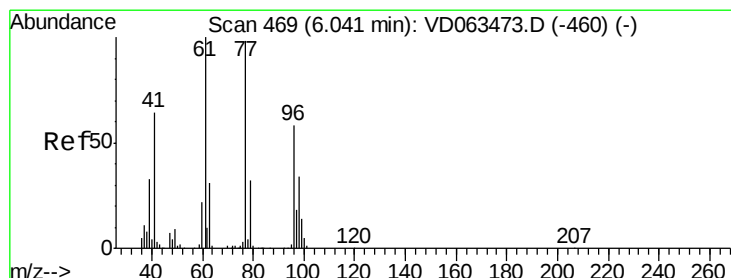
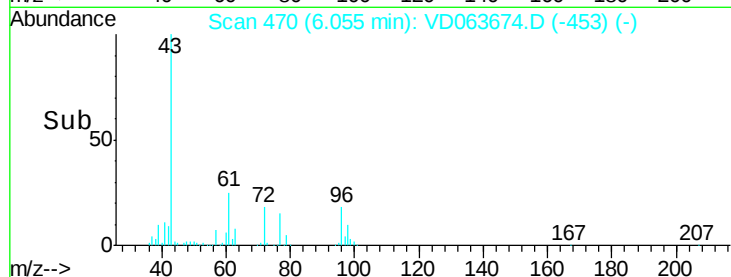
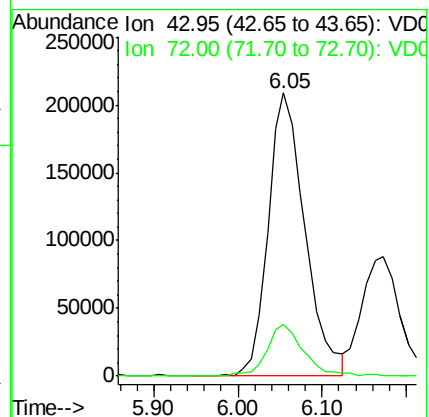
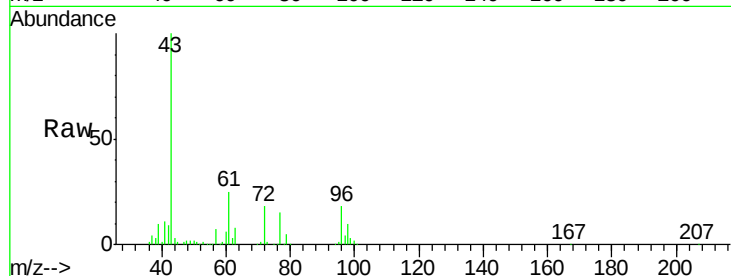
VSTDCCC050

Tot Ion: 43 Resp: 638300

Ion Ratio Lower Upper

43 100

72 18.2 15.1 22.7



#26

2,2-Dichloropropane

Concen: 51.217 ug/l

RT: 6.01 min Scan# 465

Delta R.T. -0.04 min

Lab File: VD063674.D

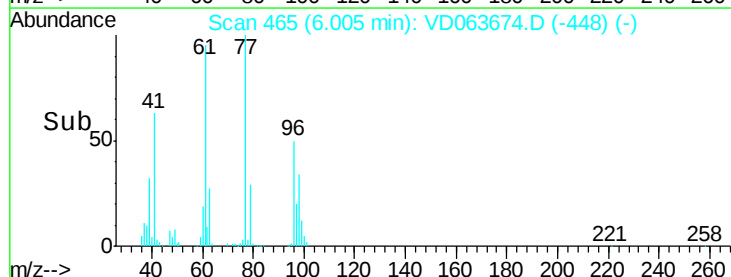
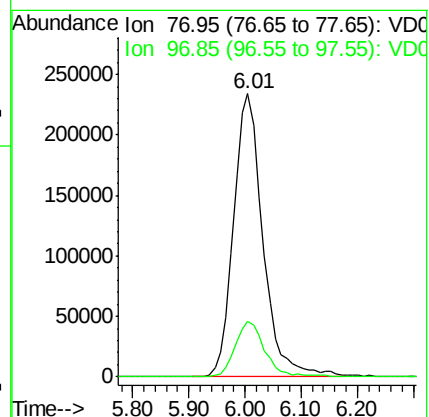
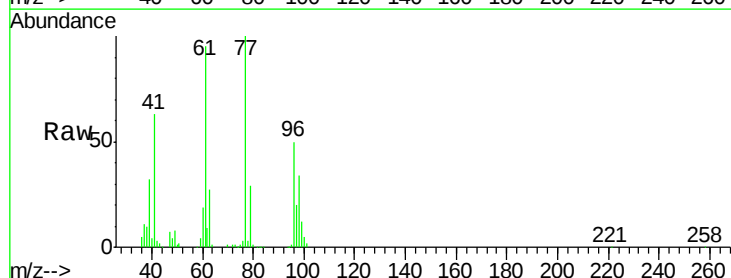
Acq: 20 Aug 2019 10:08

Tgt Ion: 77 Resp: 846954

Ion Ratio Lower Upper

77 100

97 19.5 9.0 27.1



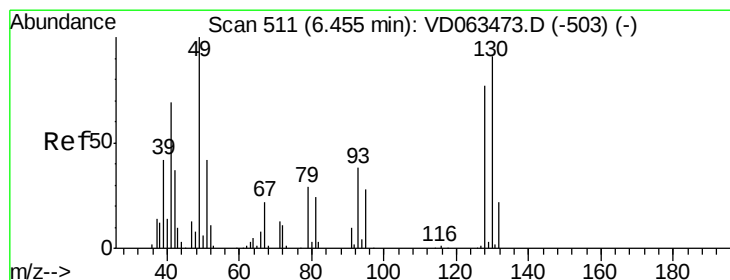
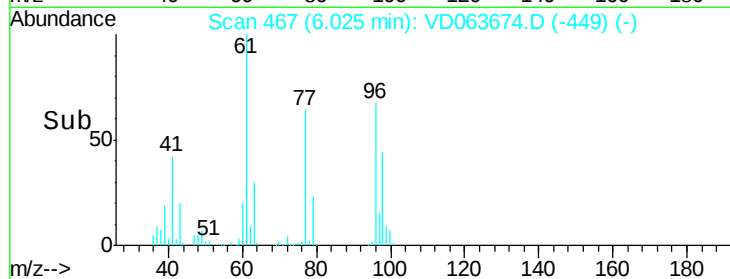
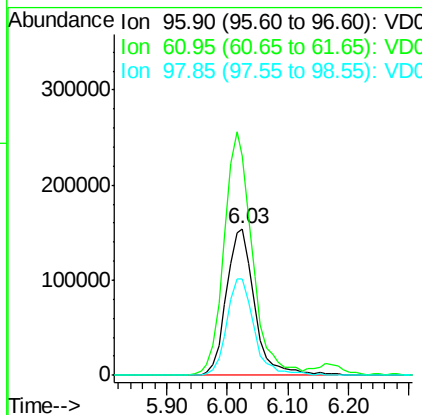
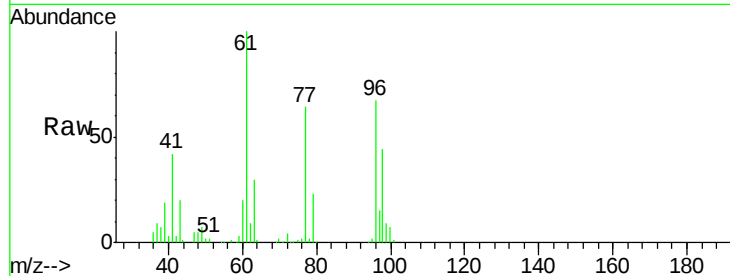


#27

cis-1,2-Dichloroethene
 Concen: 49.988 ug/l
 RT: 6.03 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

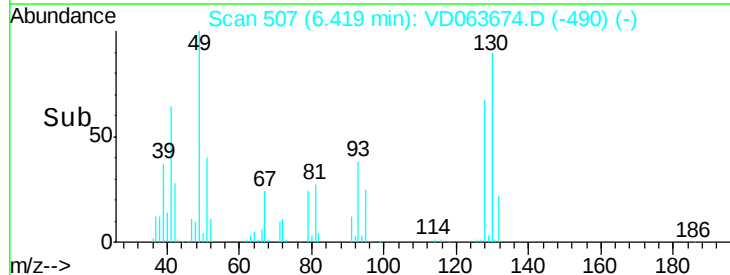
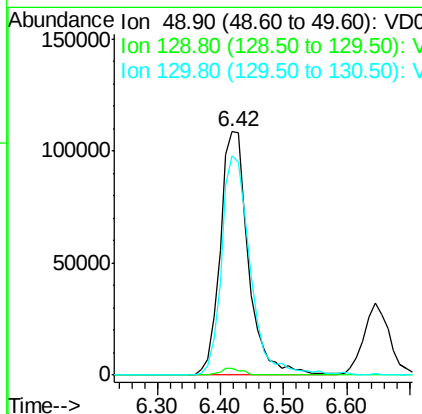
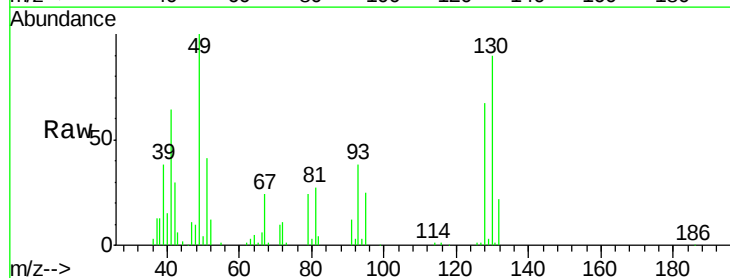
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	304.0
98	65.5	0.0	124.8



#28

Bromochloromethane
 Concen: 50.319 ug/l
 RT: 6.42 min Scan# 507
 Delta R.T. -0.04 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	6.4
130	90.0	72.4	108.6

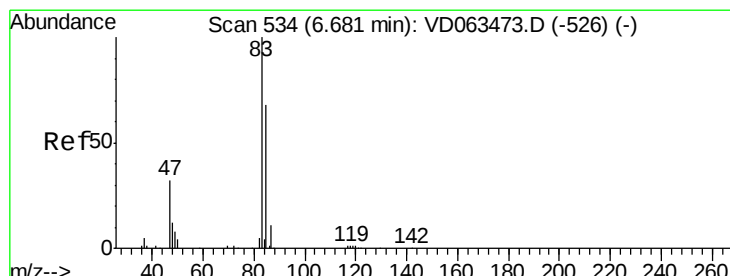
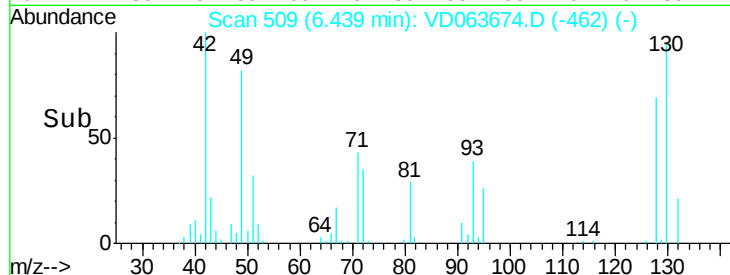
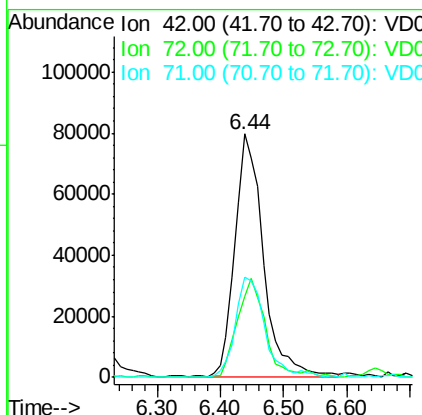
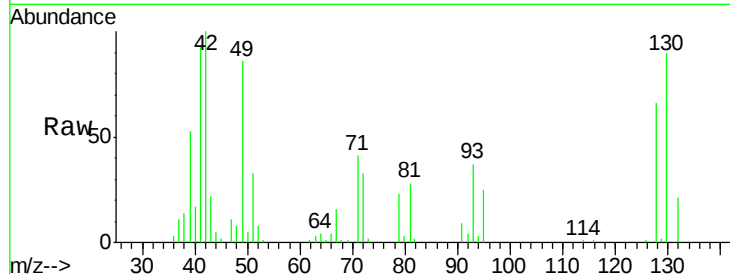




#29
Tetrahydrofuran
Concen: 234.533 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.04 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

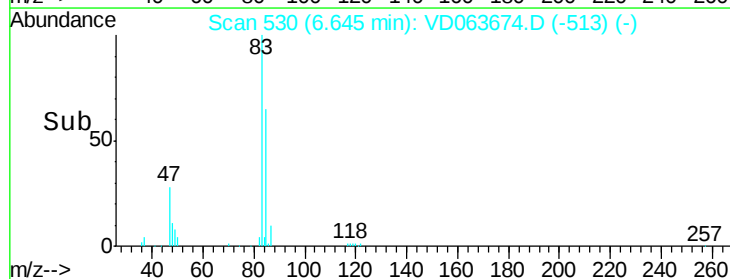
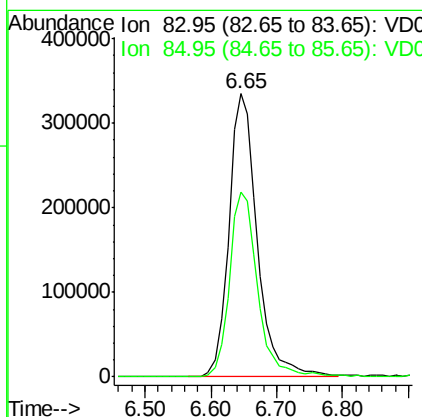
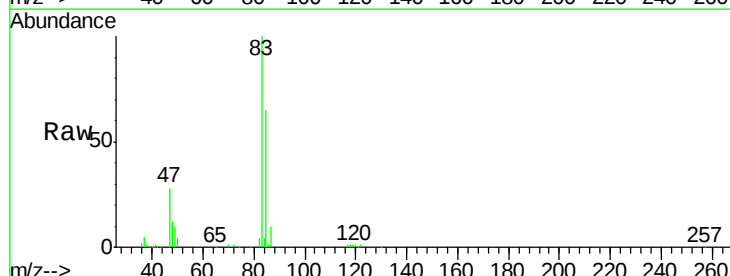
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

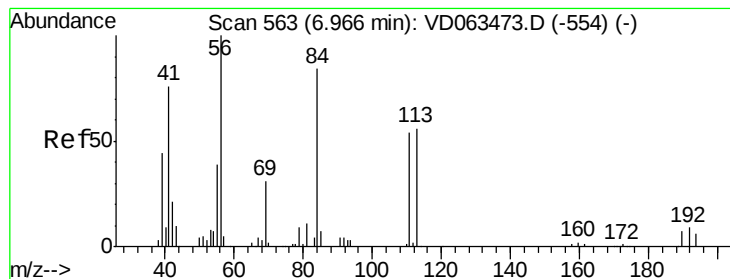
Tot Ion: 42 Resp: 250459
Ion Ratio Lower Upper
42 100
72 40.7 31.5 47.3
71 42.5 33.8 50.8



#30
Chloroform
Concen: 48.720 ug/l
RT: 6.65 min Scan# 530
Delta R.T. -0.04 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion: 83 Resp: 1005416
Ion Ratio Lower Upper
83 100
85 65.1 54.8 82.2





#31

Cyclohexane

Concen: 43.740 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

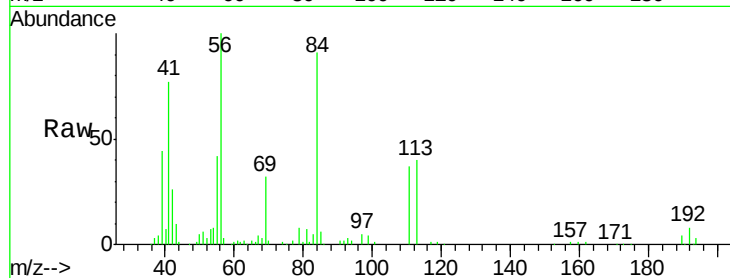
Tot Ion: 56 Resp: 450829

Ion Ratio Lower Upper

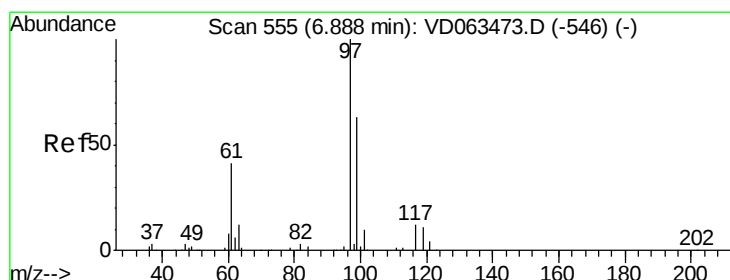
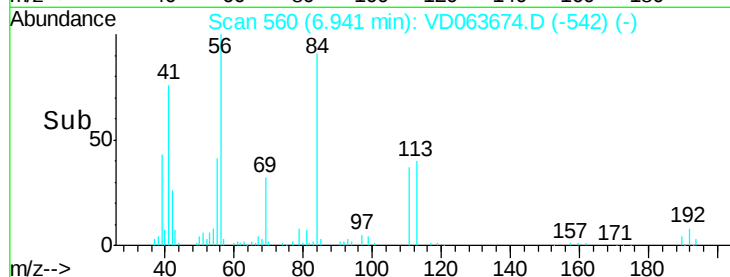
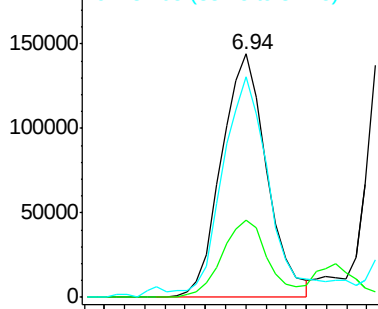
56 100

69 31.8 25.0 37.6

84 90.8 69.7 104.5



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: 50.713 ug/l

RT: 6.85 min Scan# 551

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

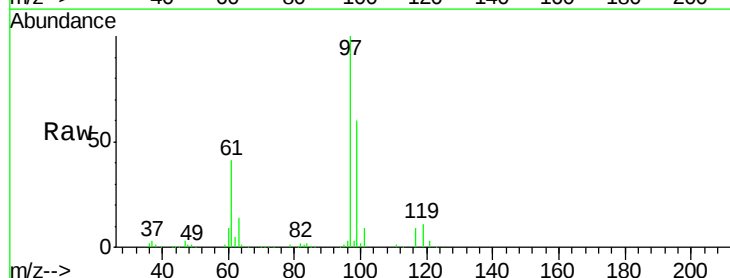
Tgt Ion: 97 Resp: 1001107

Ion Ratio Lower Upper

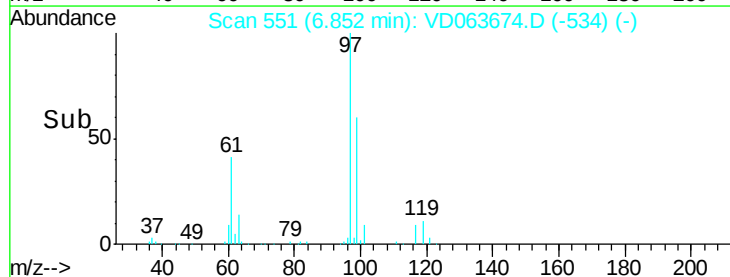
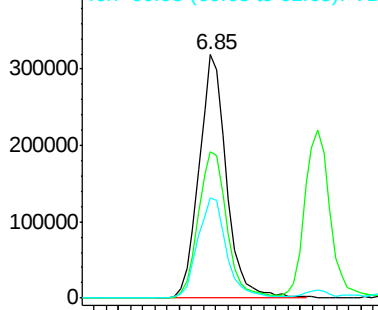
97 100

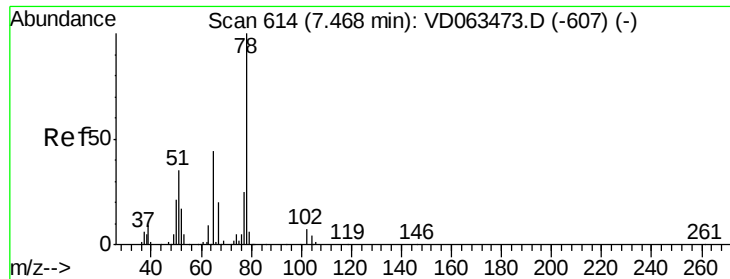
99 60.1 50.2 75.4

61 41.3 33.1 49.7



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

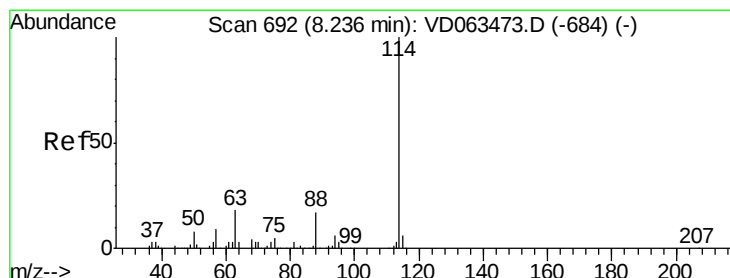
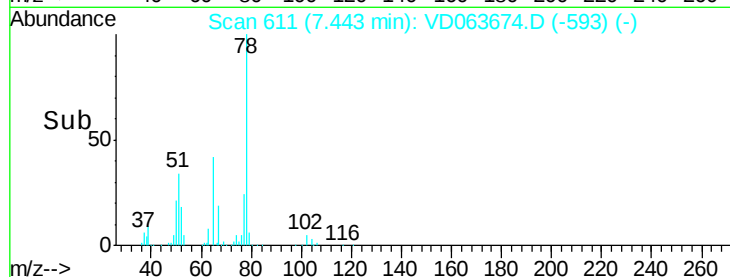
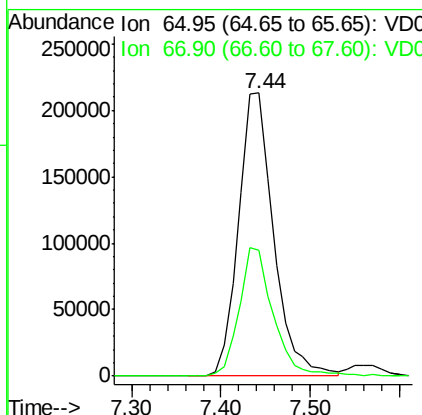
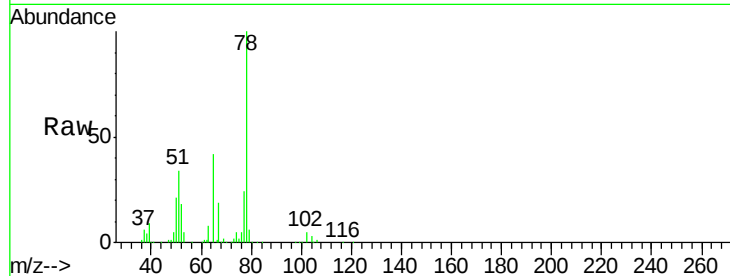




#33
 1,2-Dichloroethane-d4
 Concen: 51.074 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

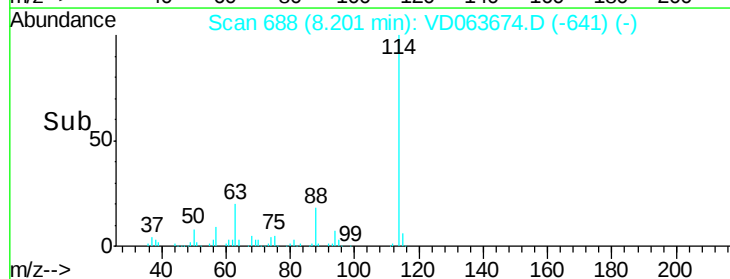
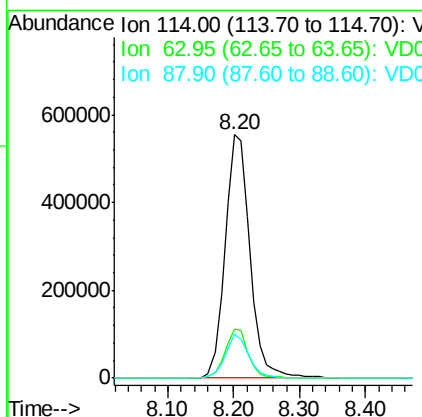
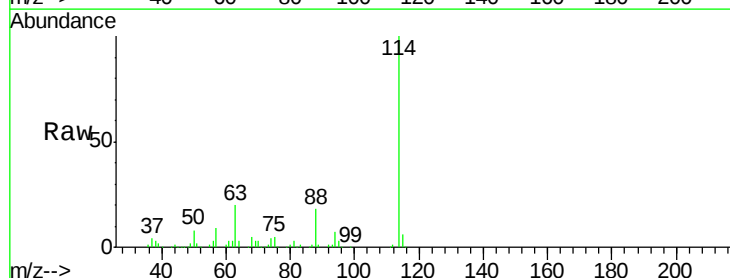
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

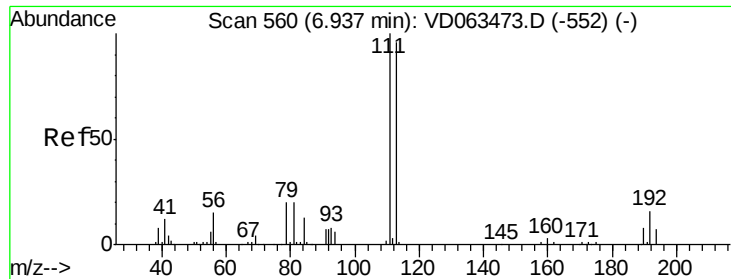
Tot Ion: 65 Resp: 583014
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.04 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion: 114 Resp: 1467341
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.2
 88 18.3 0.0 35.0





#35

Dibromofluoromethane

Concen: 51.359 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

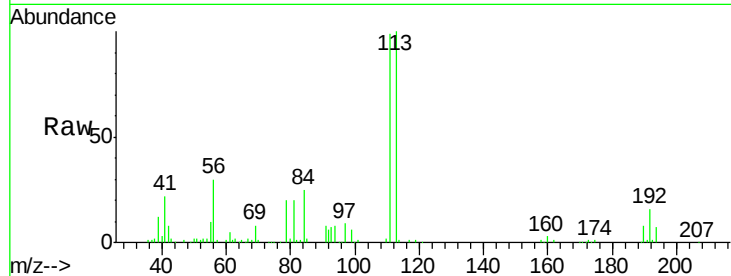
Tot Ion:113 Resp: 634699

Ion Ratio Lower Upper

113 100

111 99.2 83.1 124.7

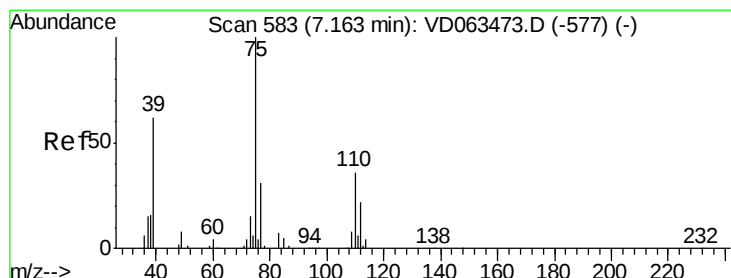
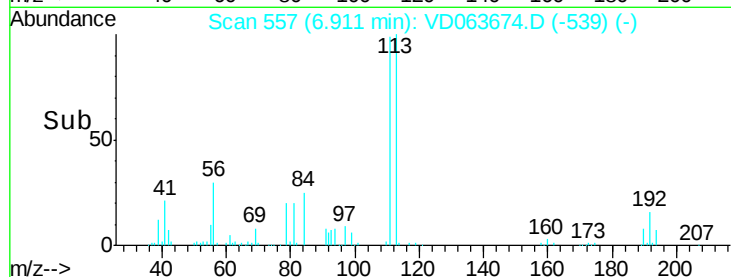
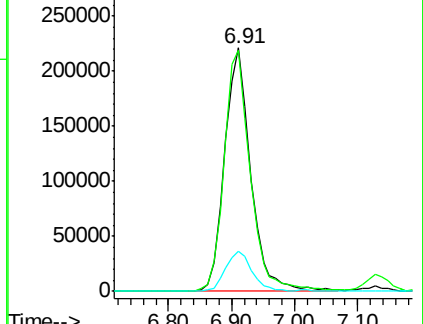
192 16.5 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 50.167 ug/l

RT: 7.13 min Scan# 579

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

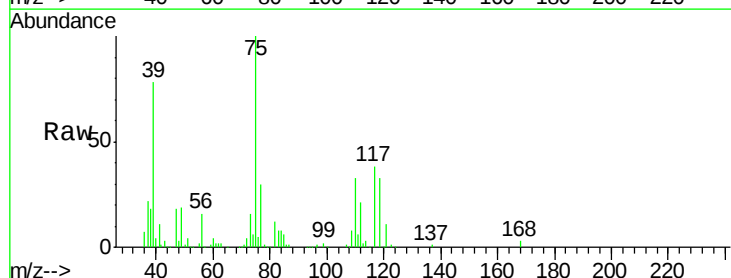
Tgt Ion: 75 Resp: 650747

Ion Ratio Lower Upper

75 100

110 32.8 17.6 52.8

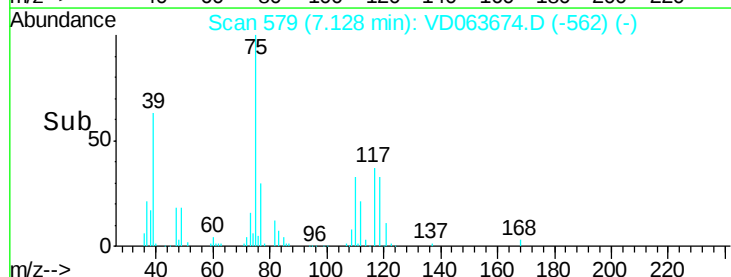
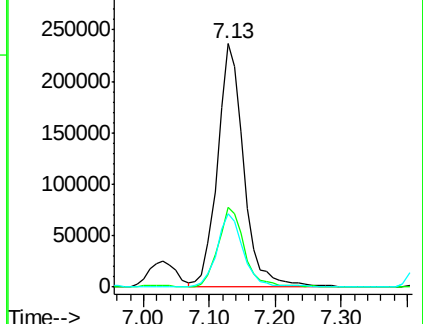
77 30.2 24.3 36.5

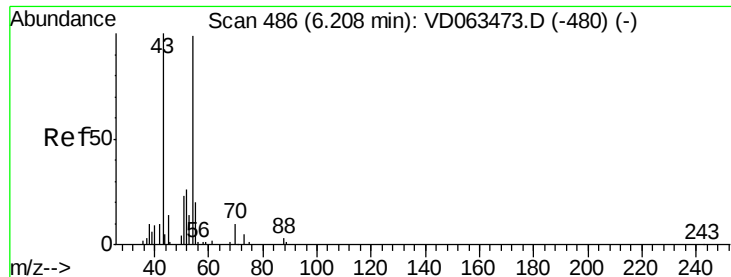


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 52.385 ug/l

RT: 6.17 min Scan# 482

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

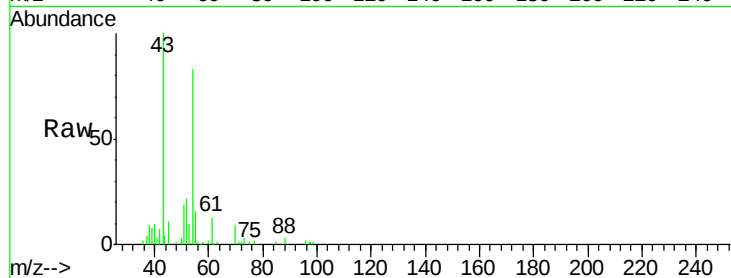
Tot Ion: 43 Resp: 284739

Ion Ratio Lower Upper

43 100

61 13.1 9.0 13.6

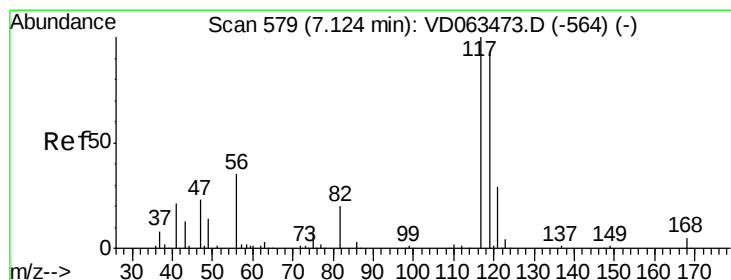
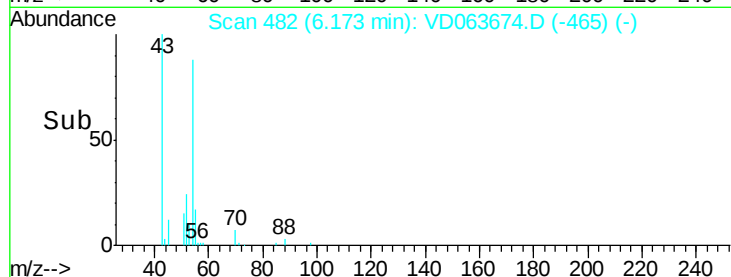
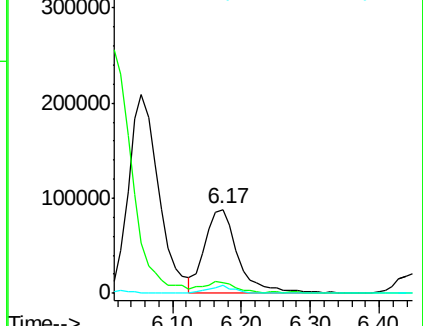
70 9.4 6.9 10.3



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: 54.076 ug/l

RT: 7.10 min Scan# 576

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

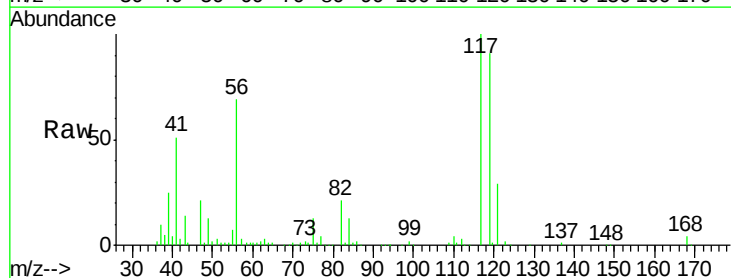
Tgt Ion: 117 Resp: 1057166

Ion Ratio Lower Upper

117 100

119 91.2 74.2 111.2

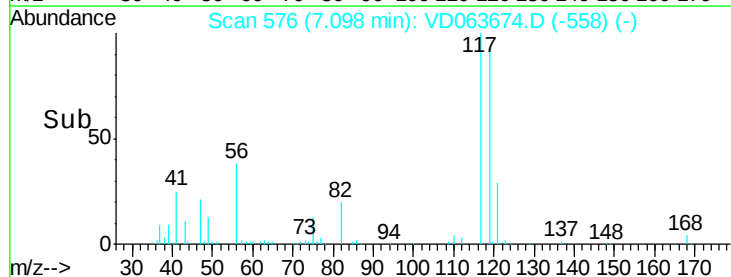
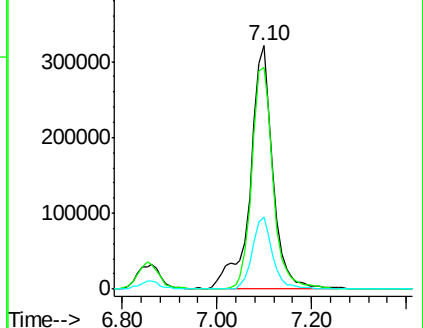
121 29.4 23.1 34.7



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methvlcvclohexane

Concen: 48.391 ug/l

RT: 8.85 min Scan# 754

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

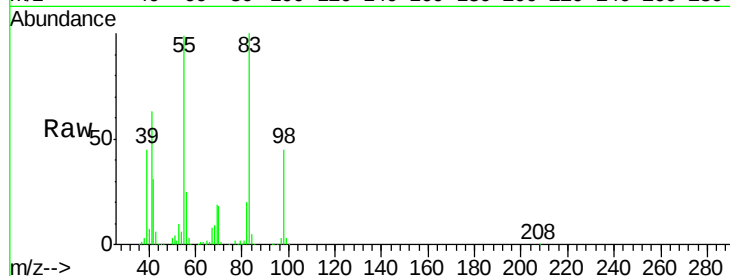
Tot Ion: 83 Resp: 533770

Ion Ratio Lower Upper

83 100

55 99.4 76.6 114.8

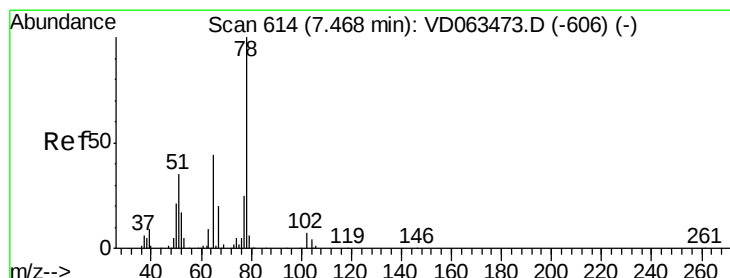
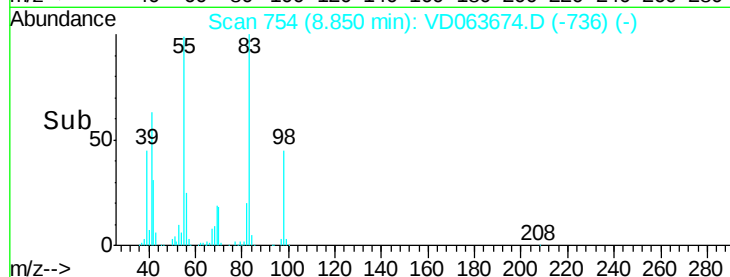
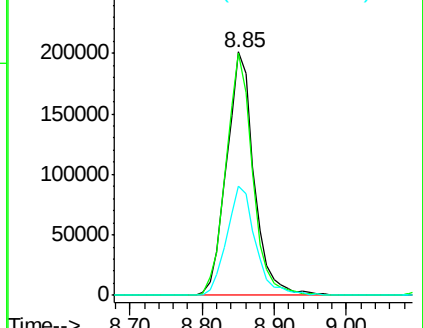
98 44.9 39.4 59.0



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 49.441 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063674.D

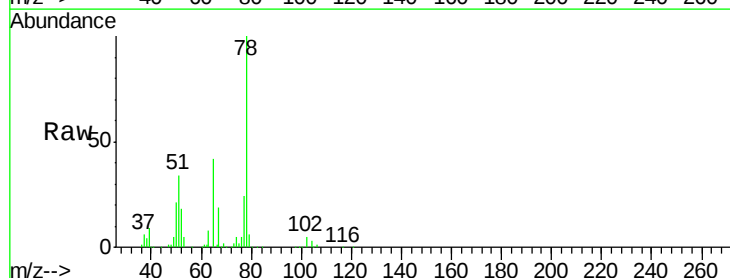
Acq: 20 Aug 2019 10:08

Tgt Ion: 78 Resp: 1411345

Ion Ratio Lower Upper

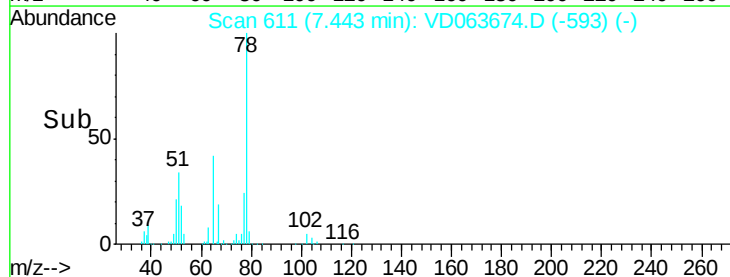
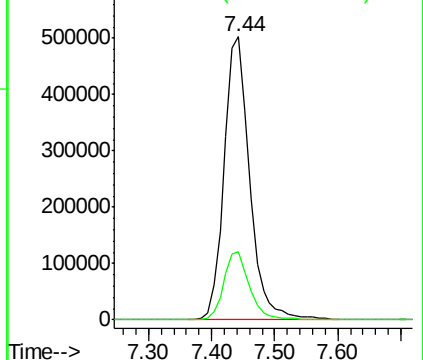
78 100

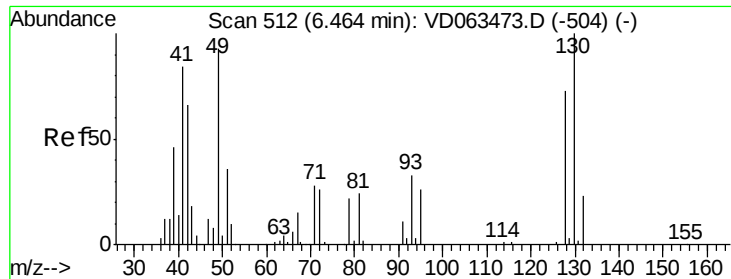
77 24.1 20.1 30.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

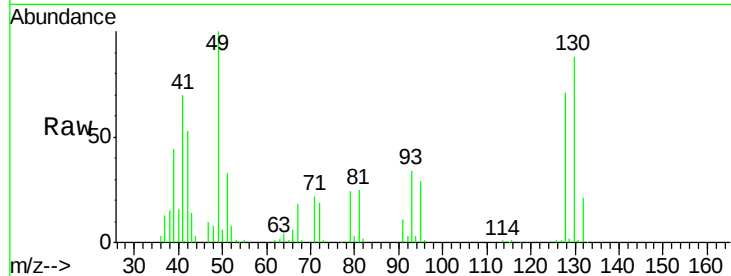




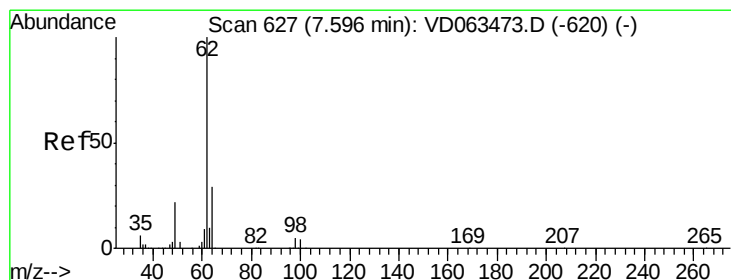
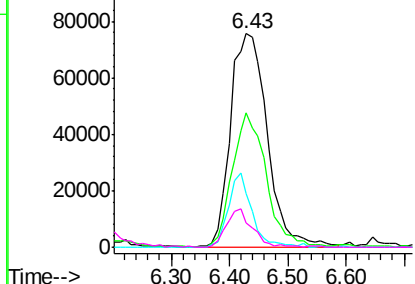
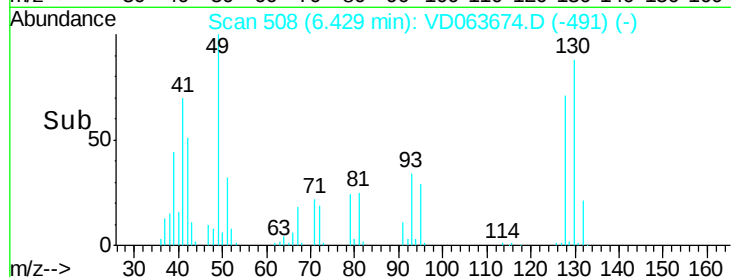
#41
Methacrylonitrile
Concen: 48.585 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.04 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	332513
Ion	Ratio	Lower	Upper
41	100		
39	63.0	44.6	66.8
67	25.2	14.4	21.6
52	11.5	9.3	13.9

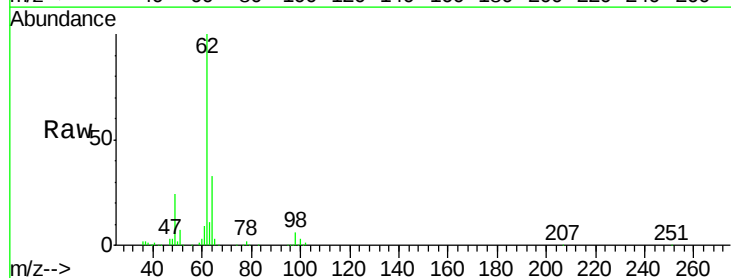


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

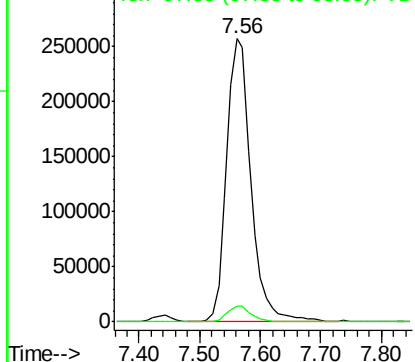
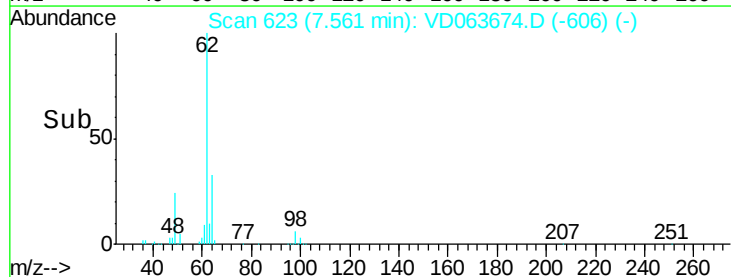


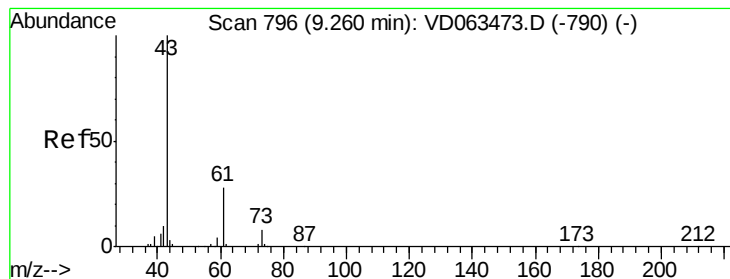
#42
1,2-Dichloroethane
Concen: 49.976 ug/l
RT: 7.56 min Scan# 623
Delta R.T. -0.04 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion:	62	Resp:	717343
Ion	Ratio	Lower	Upper
62	100		
98	5.5	0.0	10.4



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





#43

Isopropyl Acetate

Concen: 54.795 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.04 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

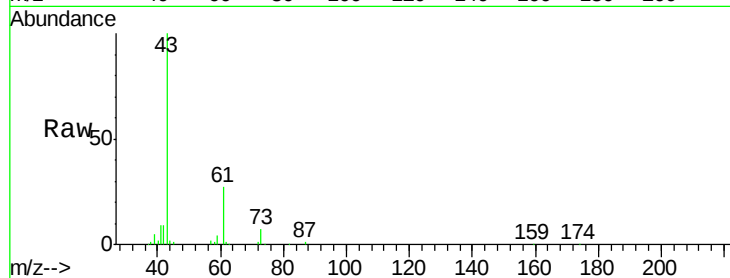
Tot Ion: 43 Resp: 398899

Ion Ratio Lower Upper

43 100

61 26.7 22.2 33.2

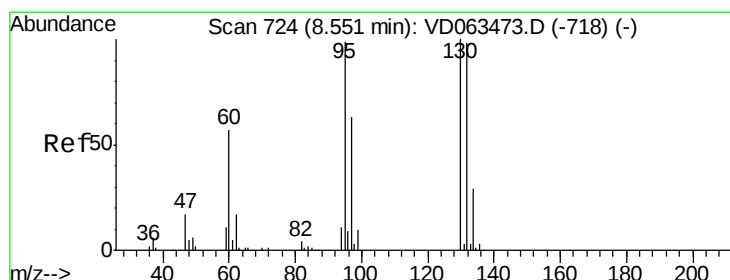
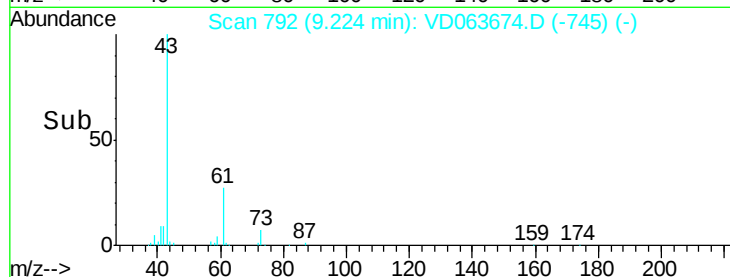
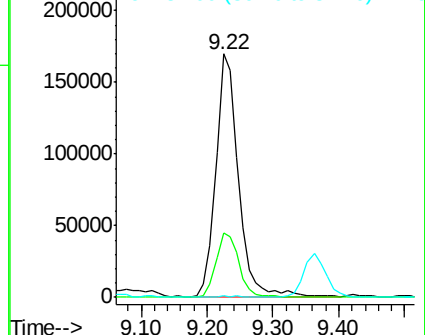
87 0.5 0.2 0.4#



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: 49.804 ug/l

RT: 8.53 min Scan# 721

Delta R.T. -0.03 min

Lab File: VD063674.D

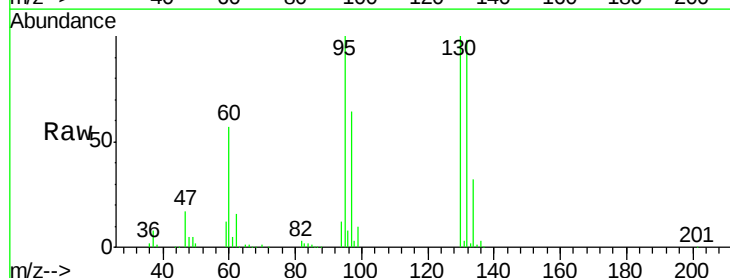
Acq: 20 Aug 2019 10:08

Tgt Ion: 130 Resp: 543401

Ion Ratio Lower Upper

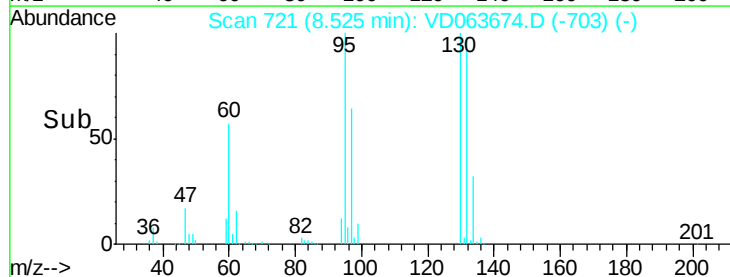
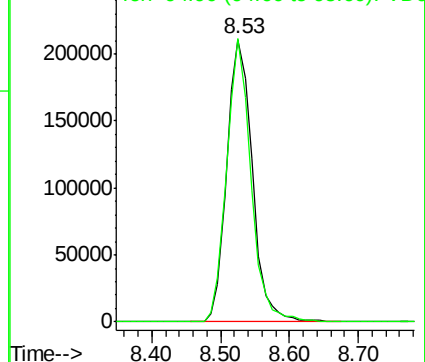
130 100

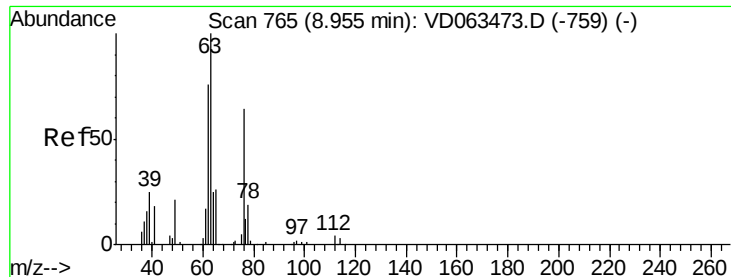
95 100.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.628 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

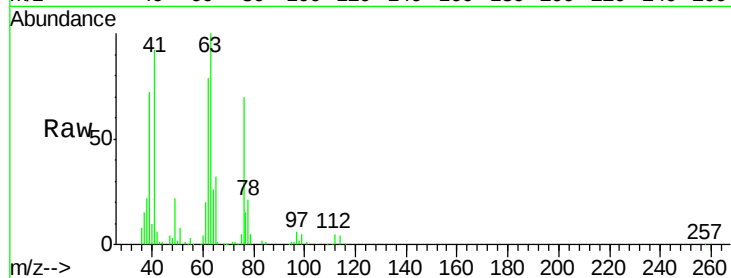
VSTDCCC050

Tot Ion: 63 Resp: 349853

Ion Ratio Lower Upper

63 100

65 31.6 22.5 33.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.93

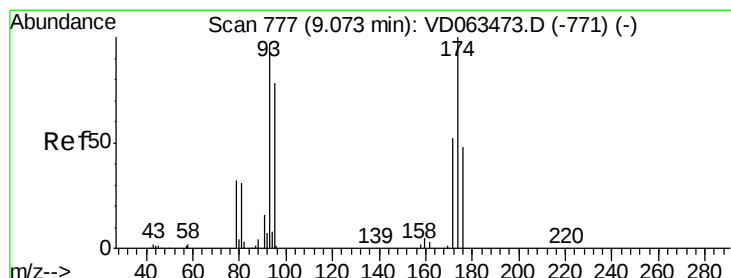
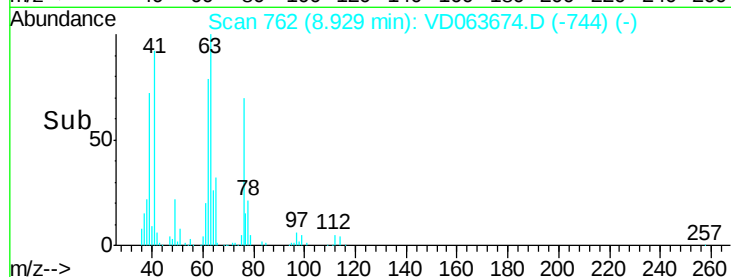
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.439 ug/l

RT: 9.05 min Scan# 774

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

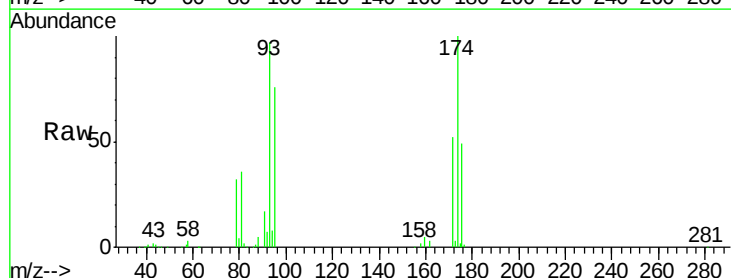
Tgt Ion: 93 Resp: 274990

Ion Ratio Lower Upper

93 100

95 78.3 64.2 96.2

174 103.6 82.1 123.1



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

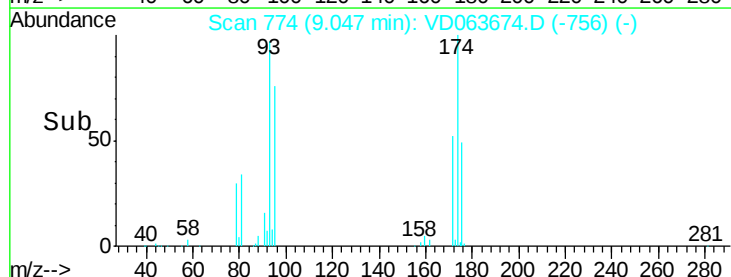
150000

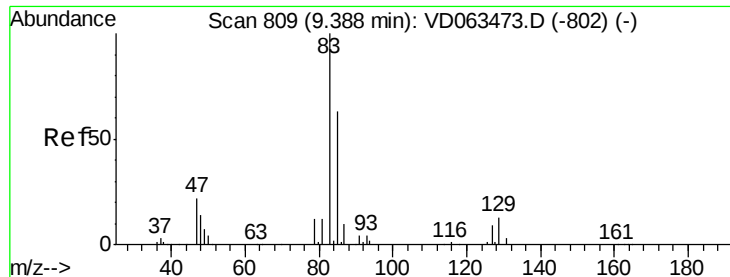
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.606 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

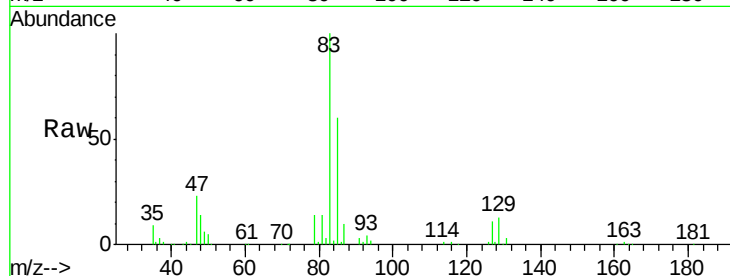
Tot Ion: 83 Resp: 751490

Ion Ratio Lower Upper

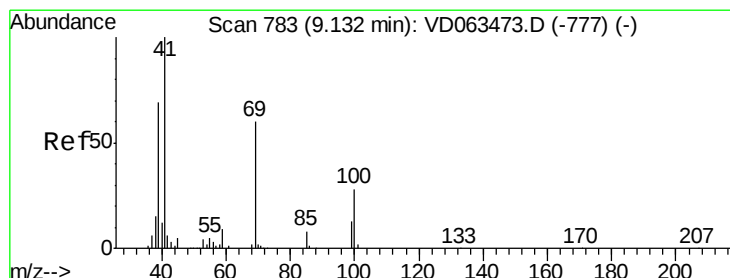
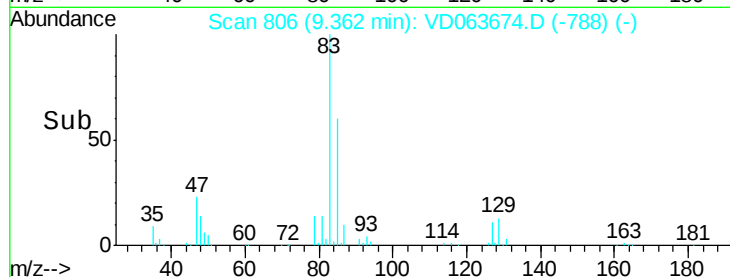
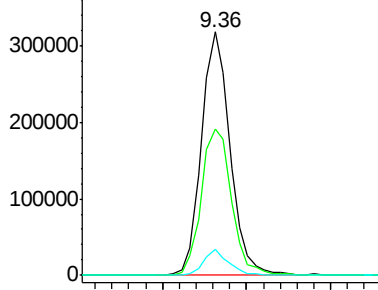
83 100

85 60.2 50.1 75.1

127 10.6 7.6 11.4



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): V



#48

Methyl methacrylate

Concen: 50.080 ug/l

RT: 9.11 min Scan# 780

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

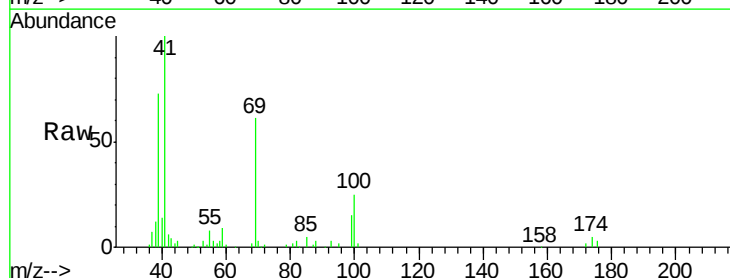
Tgt Ion: 41 Resp: 247247

Ion Ratio Lower Upper

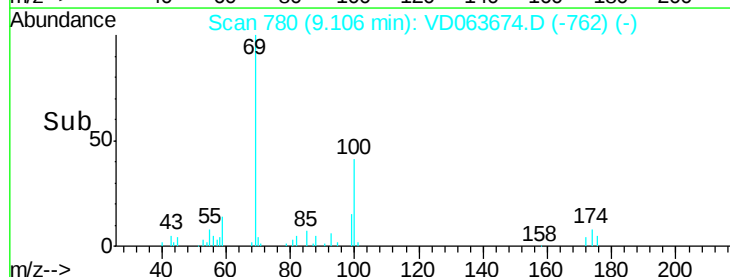
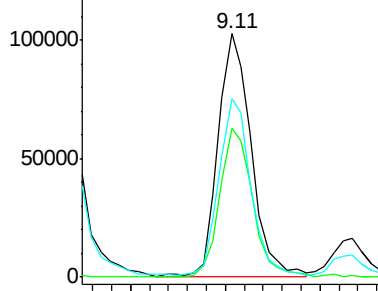
41 100

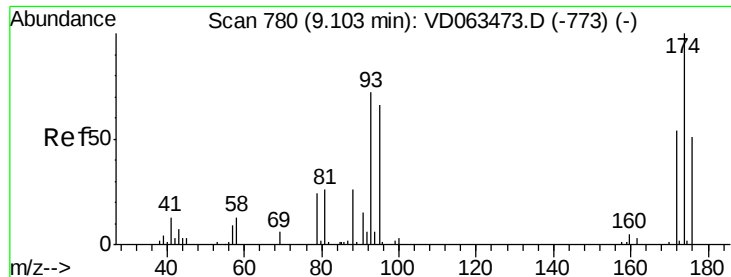
69 61.2 47.6 71.4

39 73.3 55.7 83.5



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

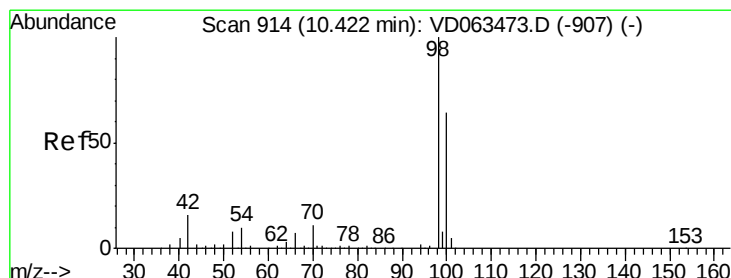
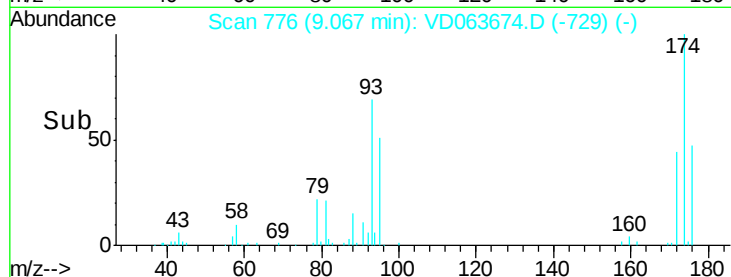
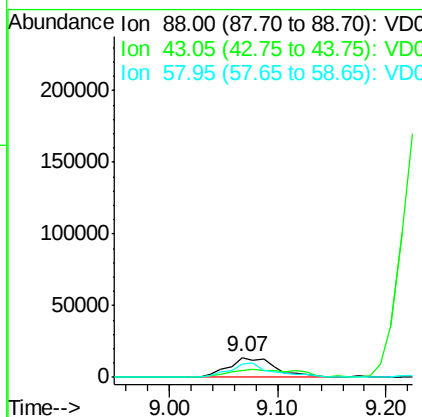
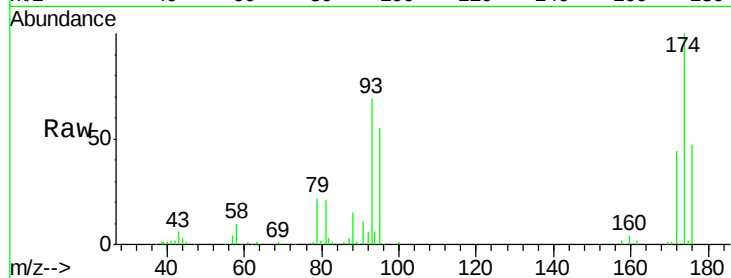




#49
1,4-Dioxane
Concen: 947.923 ug/l
RT: 9.07 min Scan# 776
Delta R.T. -0.04 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

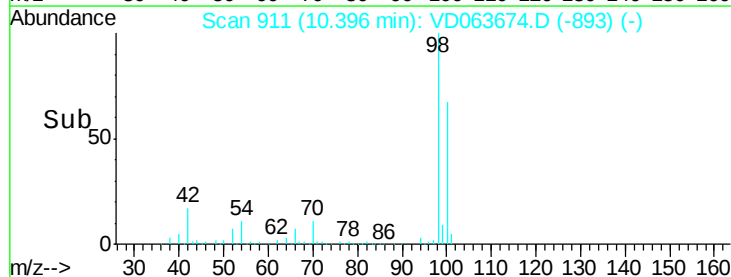
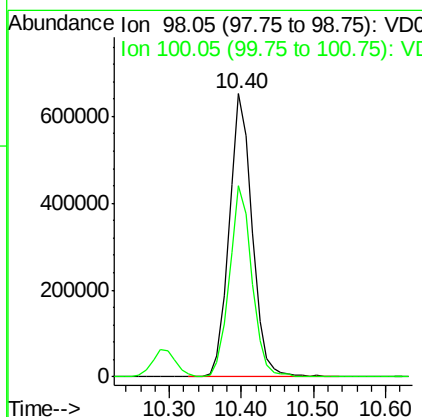
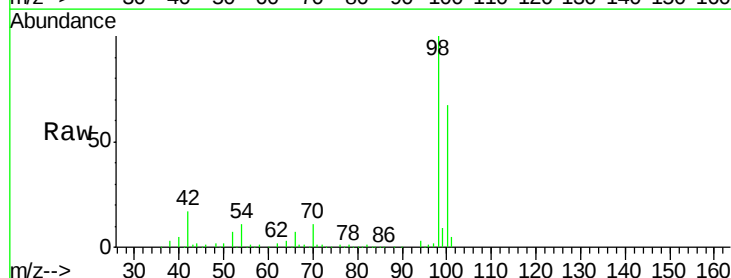
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

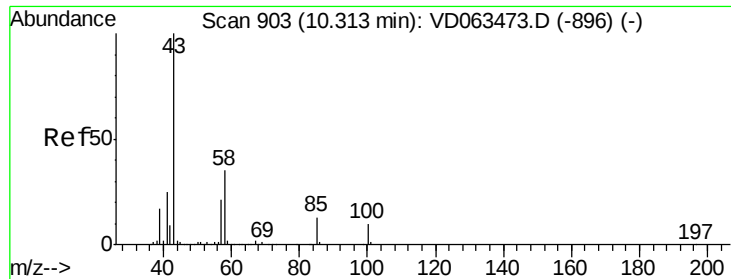
Tot Ion: 88 Resp: 41733
Ion Ratio Lower Upper
88 100
43 36.3 22.9 34.3#
58 64.6 40.1 60.1#



#50
Toluene-d8
Concen: 53.170 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion: 98 Resp: 1444621
Ion Ratio Lower Upper
98 100
100 67.5 51.7 77.5

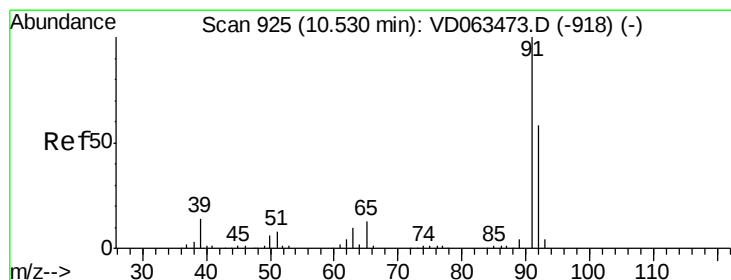
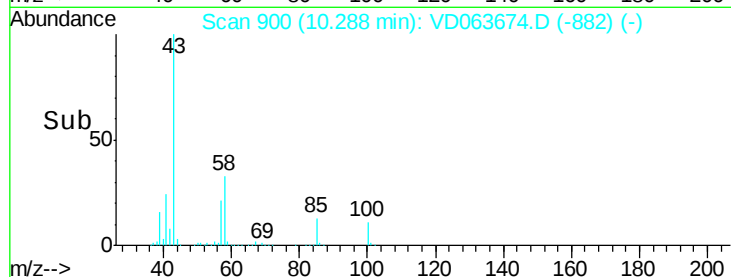
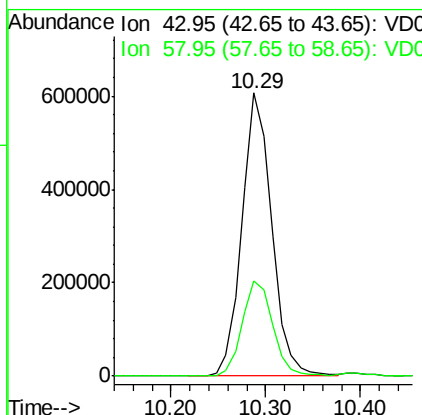
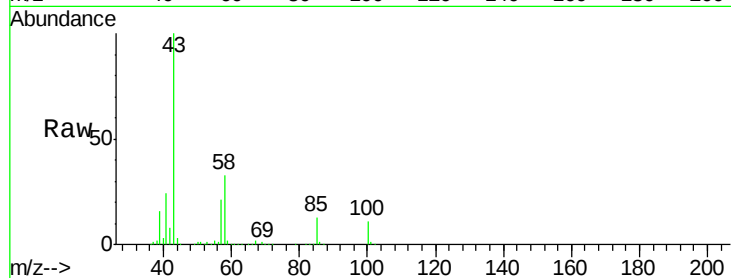




#51
 4-Methyl-2-Pentanone
 Concen: 265.538 ug/l
 RT: 10.29 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

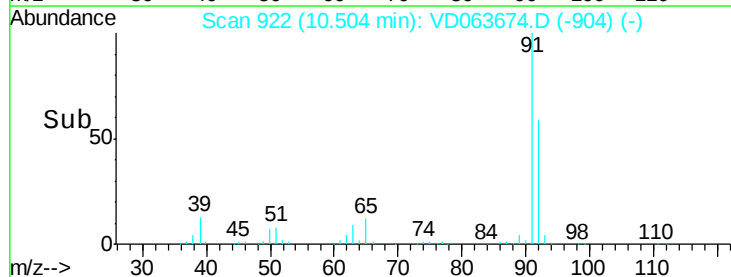
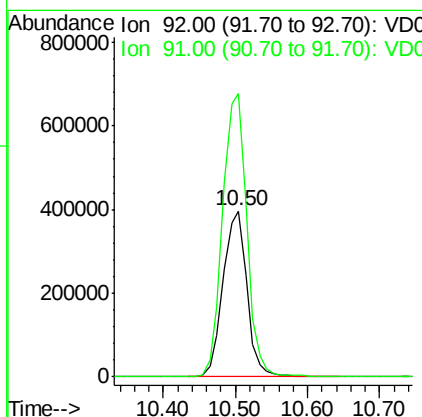
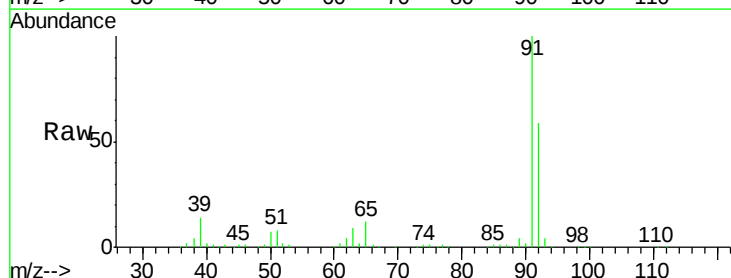
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

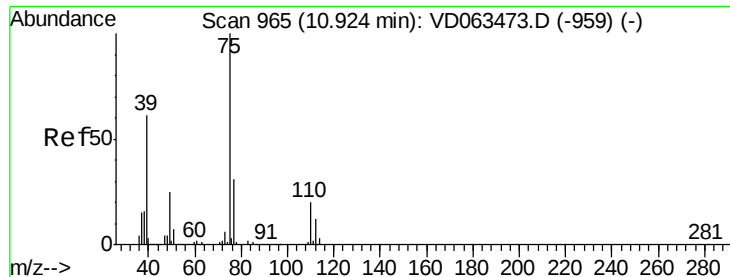
Tot Ion: 43 Resp: 1322757
 Ion Ratio Lower Upper
 43 100
 58 33.5 28.0 42.0



#52
 Toluene
 Concen: 49.289 ug/l
 RT: 10.50 min Scan# 922
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion: 92 Resp: 906243
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 54.024 ug/l

RT: 10.90 min Scan# 962

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

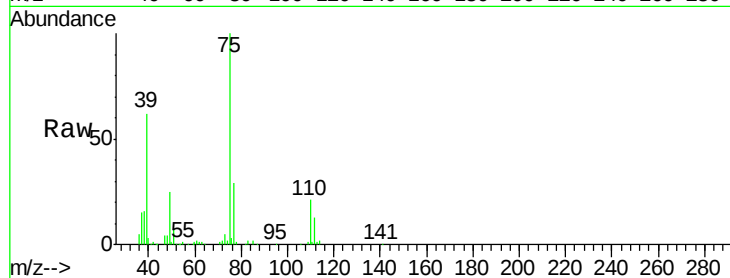
VSTDCCC050

Tot Ion: 75 Resp: 642020

Ion Ratio Lower Upper

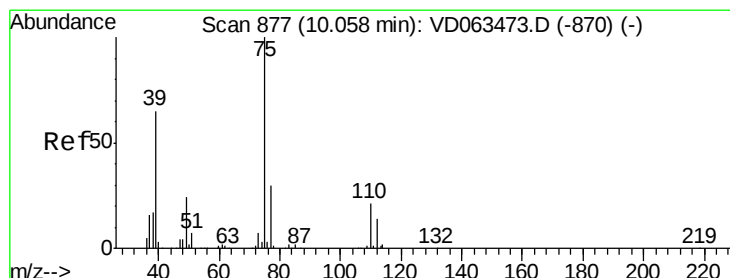
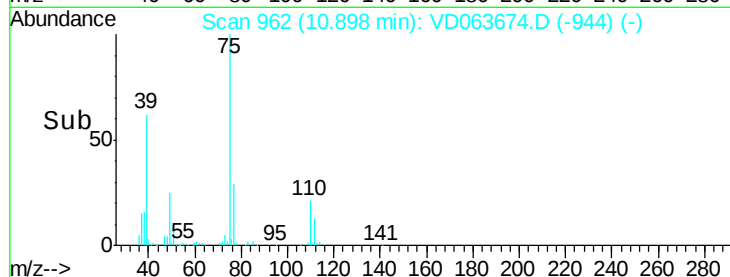
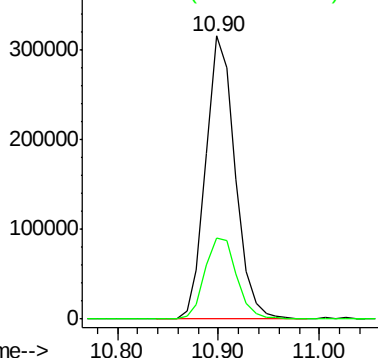
75 100

77 28.8 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 51.392 ug/l

RT: 10.03 min Scan# 874

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

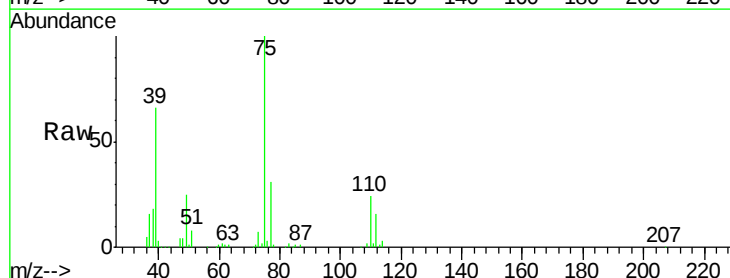
Tgt Ion: 75 Resp: 688663

Ion Ratio Lower Upper

75 100

77 31.5 23.7 35.5

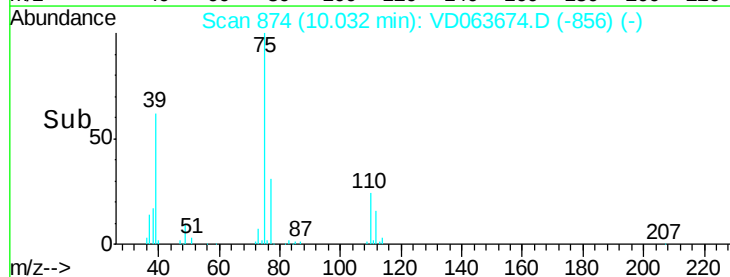
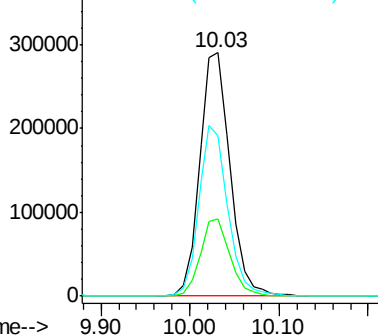
39 66.1 52.2 78.4

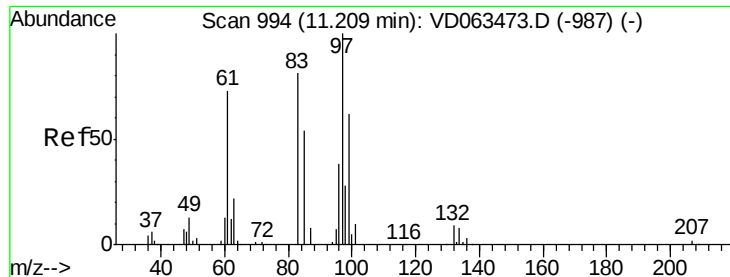


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

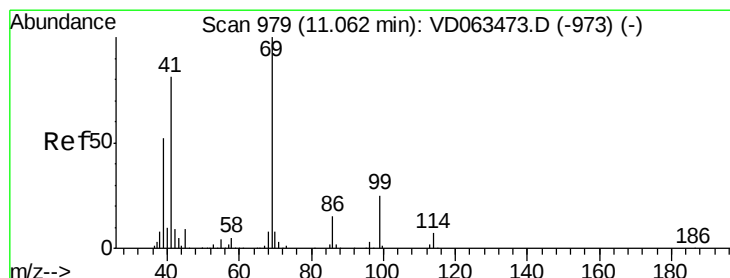
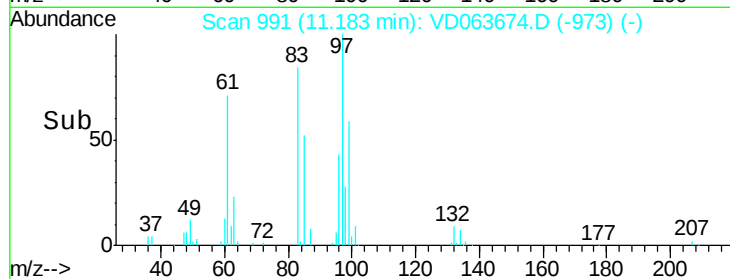
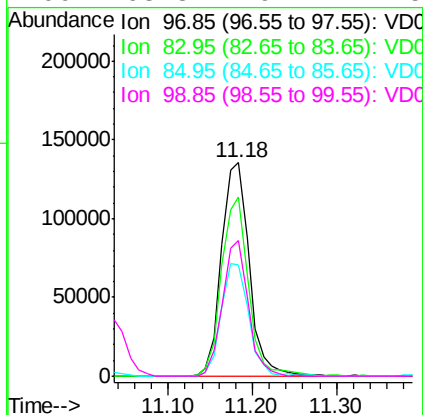
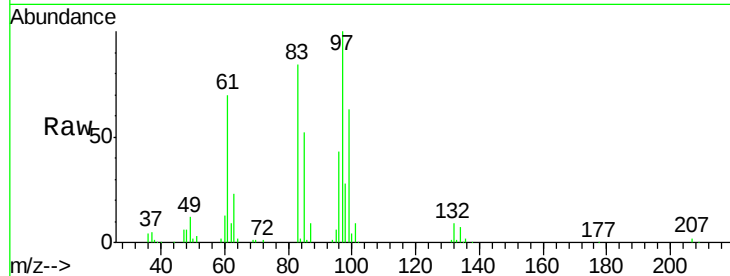




#55
 1,1,2-Trichloroethane
 Concen: 50.149 ug/l
 RT: 11.18 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

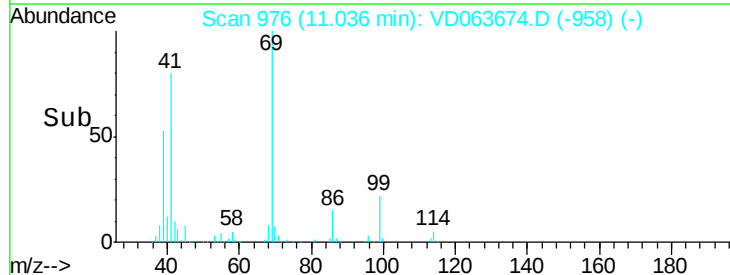
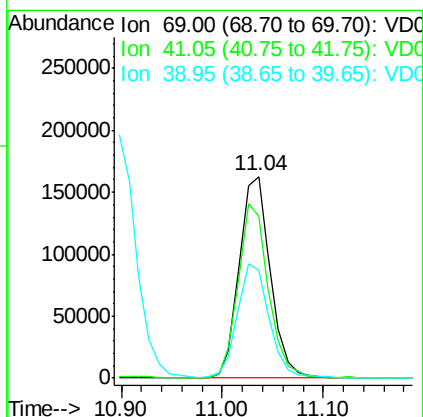
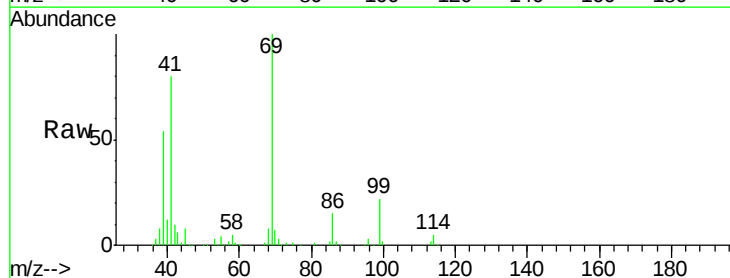
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

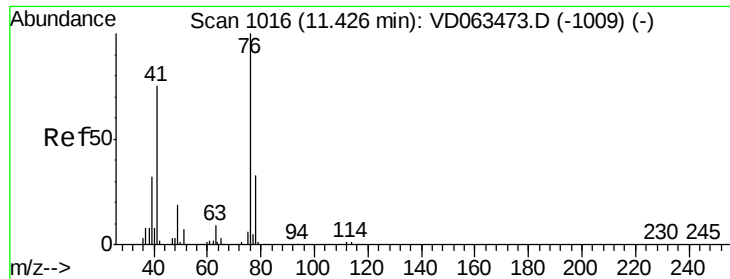
Tot Ion:	97	Resp:	311466
Ion	Ratio	Lower	Upper
97	100		
83	84.1	64.7	97.1
85	52.1	42.9	64.3
99	63.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 51.806 ug/l
 RT: 11.04 min Scan# 976
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion:	69	Resp:	349236
Ion	Ratio	Lower	Upper
69	100		
41	80.2	64.8	97.2
39	53.6	42.4	63.6





#57

1,3-Dichloropropane

Concen: 51.679 ug/l

RT: 11.40 min Scan# 1013

Delta R.T. -0.03 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

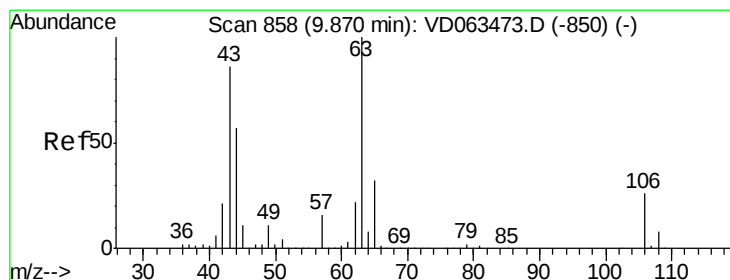
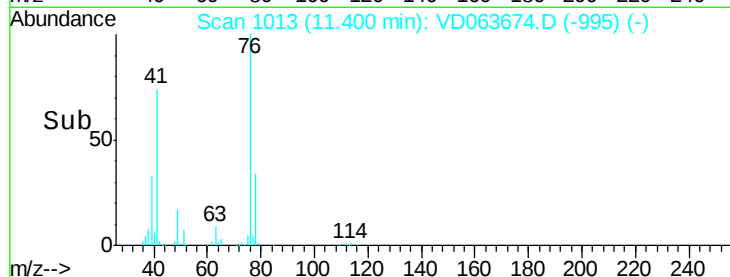
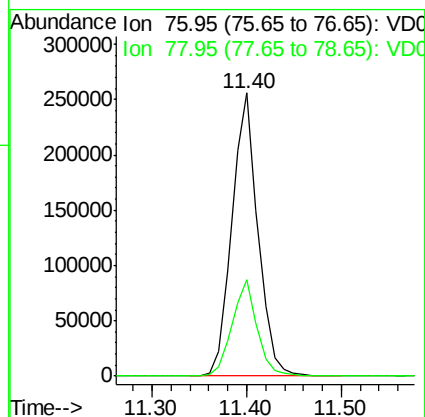
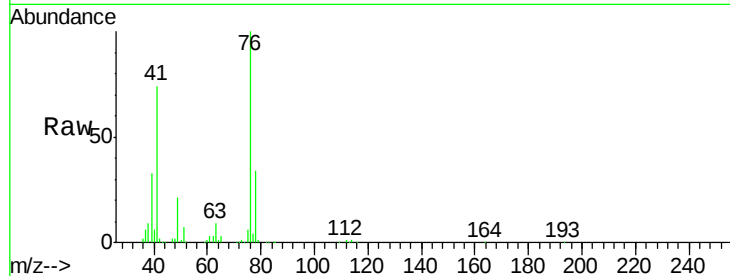
VSTDCCC050

Tot Ion: 76 Resp: 485172

Ion Ratio Lower Upper

76 100

78 34.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 297.922 ug/l

RT: 9.84 min Scan# 855

Delta R.T. -0.03 min

Lab File: VD063674.D

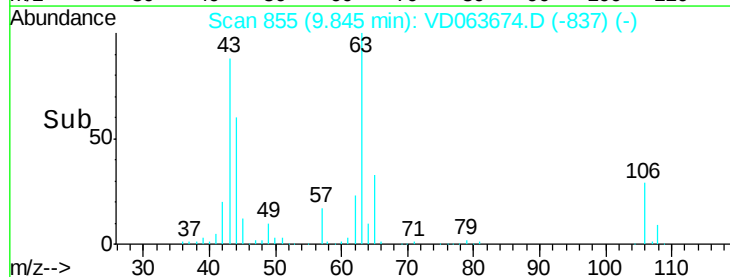
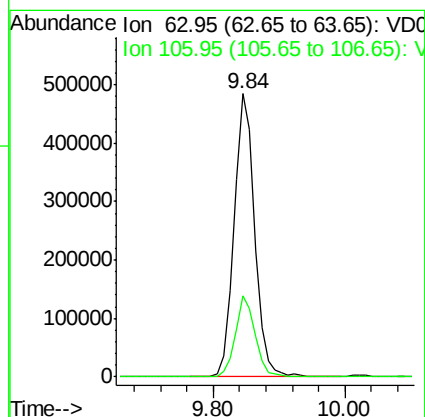
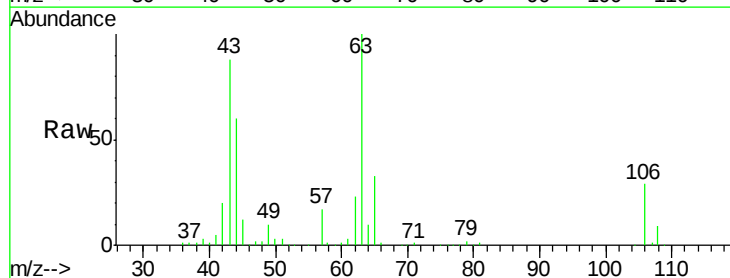
Acq: 20 Aug 2019 10:08

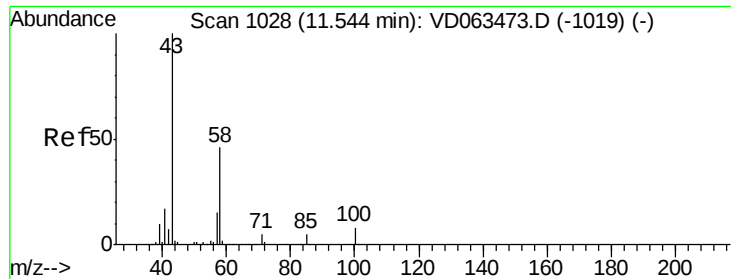
Tgt Ion: 63 Resp: 1060274

Ion Ratio Lower Upper

63 100

106 28.6 20.8 31.2

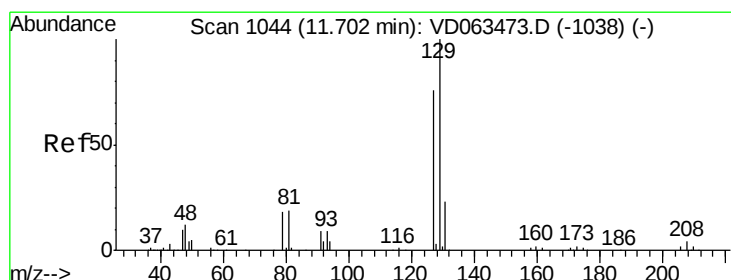
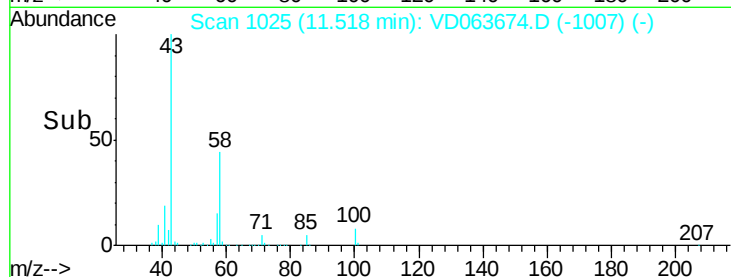
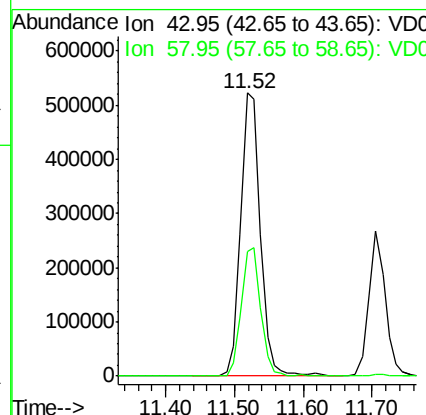
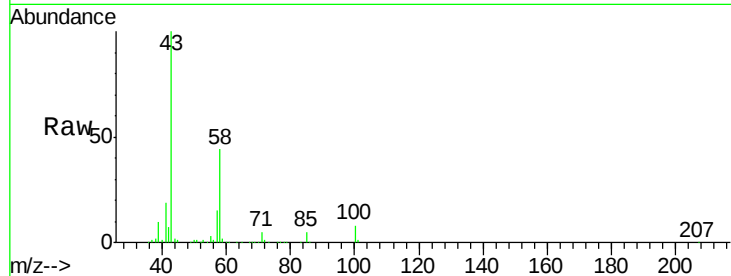




#59
2-Hexanone
Concen: 285.822 ug/l
RT: 11.52 min Scan# 1025
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

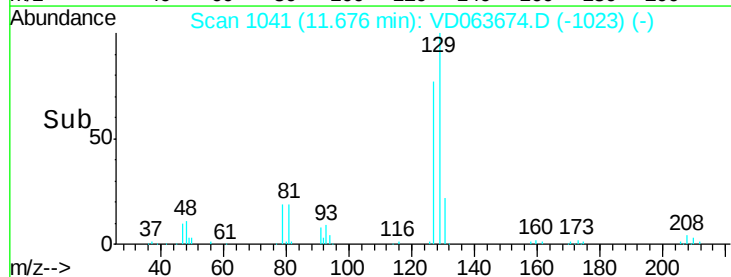
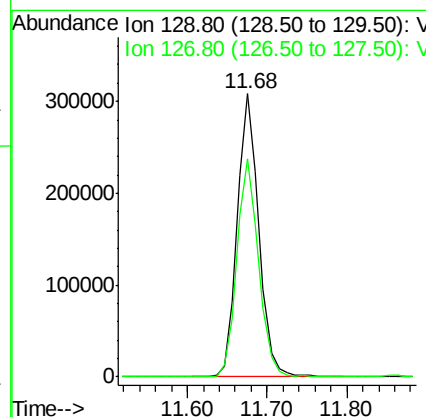
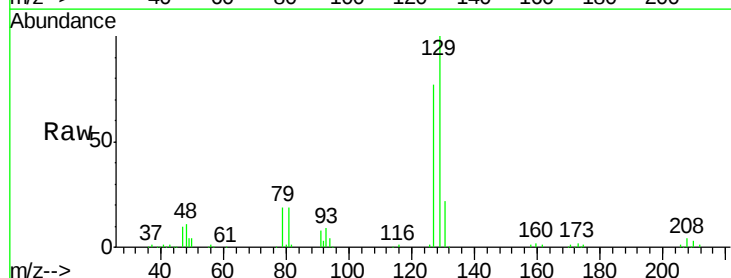
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

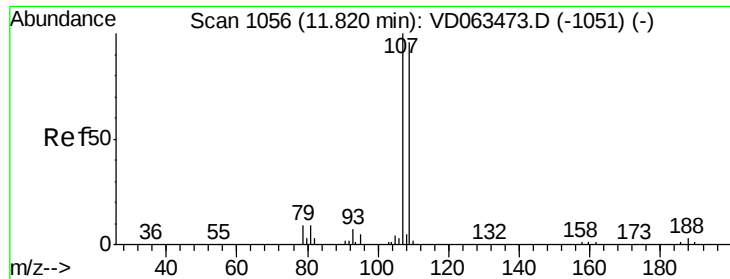
Tot Ion: 43 Resp: 1035996
Ion Ratio Lower Upper
43 100
58 44.2 23.1 69.2



#60
Dibromochloromethane
Concen: 51.589 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion: 129 Resp: 583032
Ion Ratio Lower Upper
129 100
127 77.0 37.8 113.4

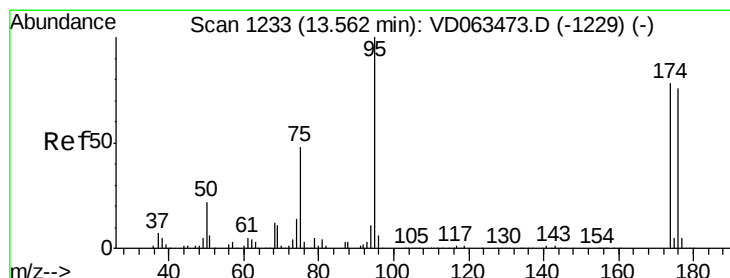
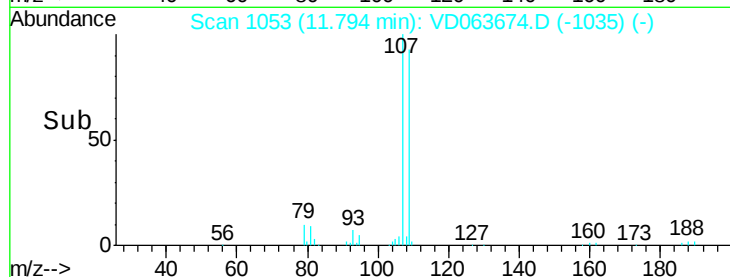
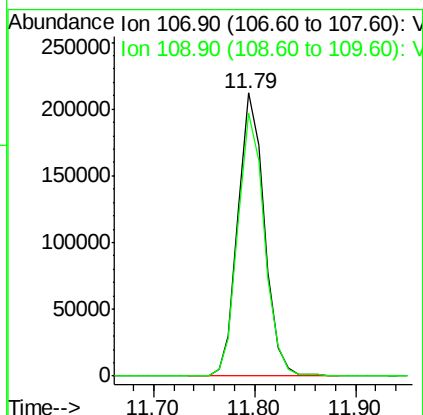
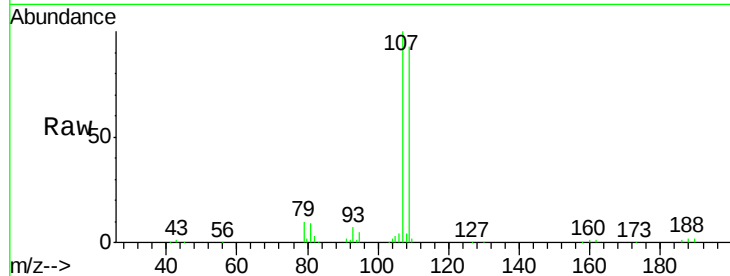




#61
 1,2-Dibromoethane
 Concen: 51.402 ug/l
 RT: 11.79 min Scan# 1053
 Delta R.T. -0.03 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

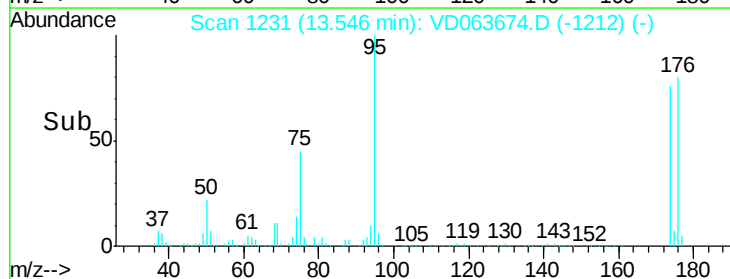
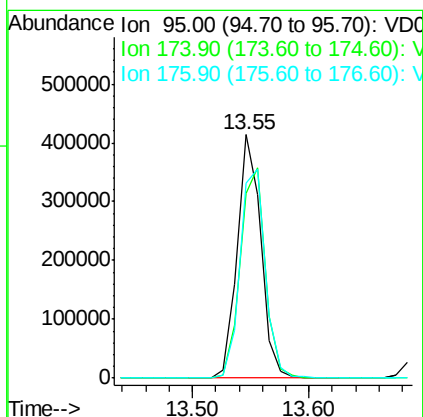
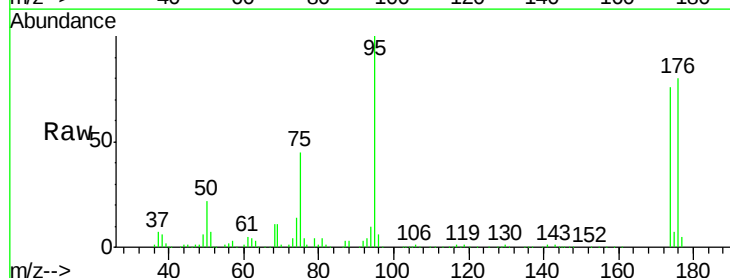
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 386476
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 47.190 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion: 95 Resp: 581119
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 155.4
 176 80.1 0.0 152.4

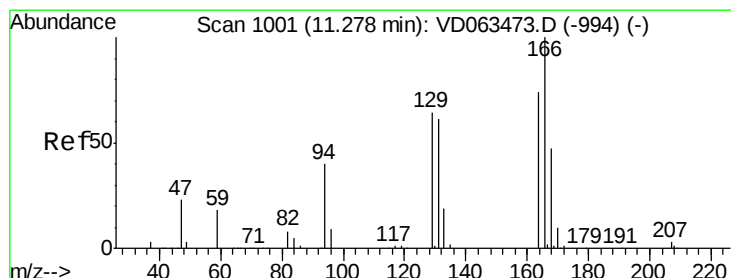
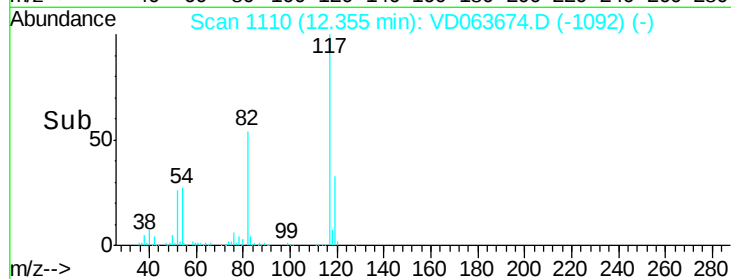
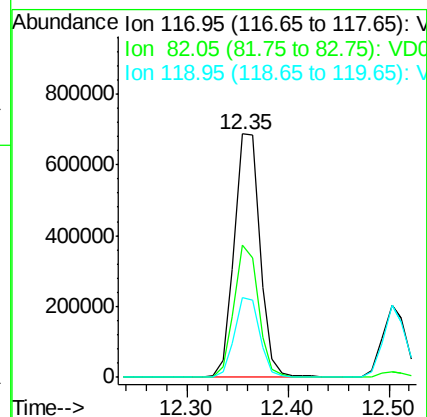
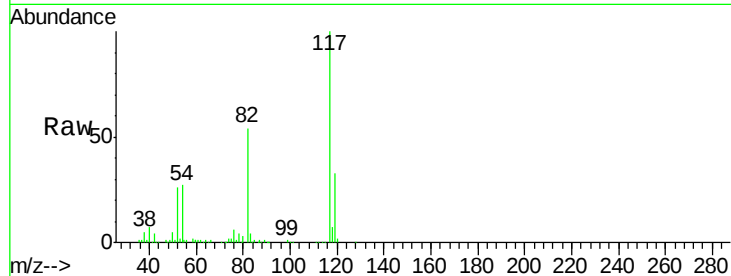




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

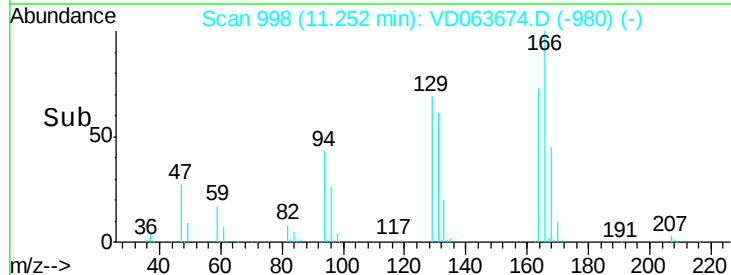
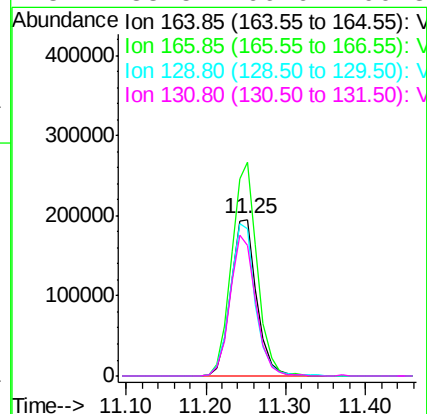
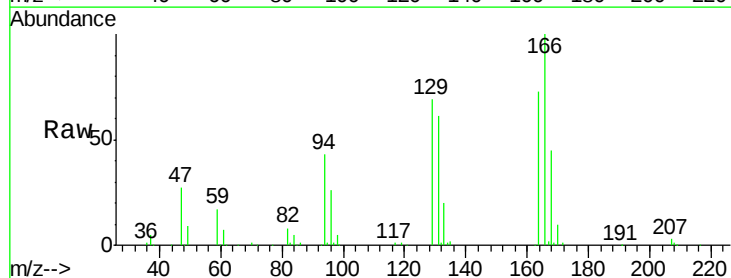
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

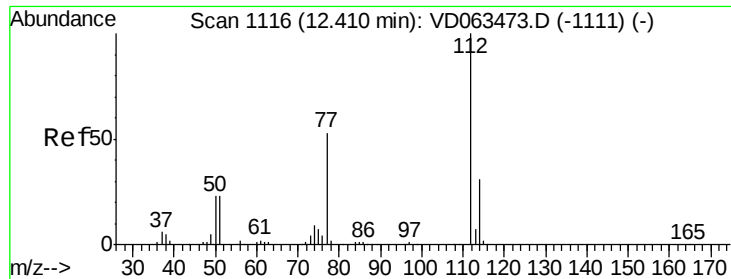
Tot Ion:117 Resp: 1218971
Ion Ratio Lower Upper
117 100
82 54.5 42.0 63.0
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 47.223 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion:164 Resp: 444373
Ion Ratio Lower Upper
164 100
166 136.7 108.6 163.0
129 93.9 69.0 103.6
131 83.5 66.6 99.8

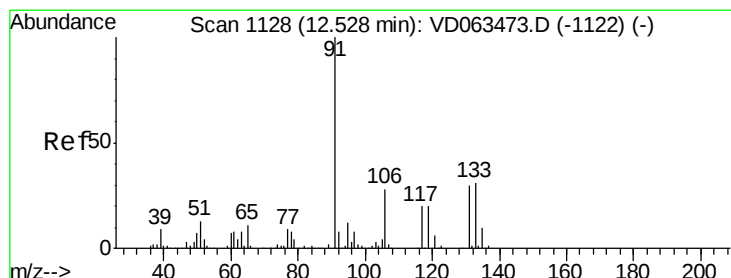
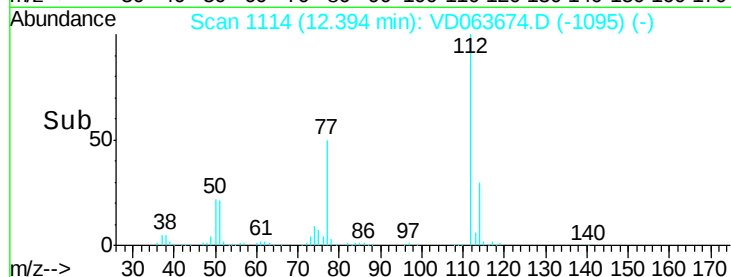
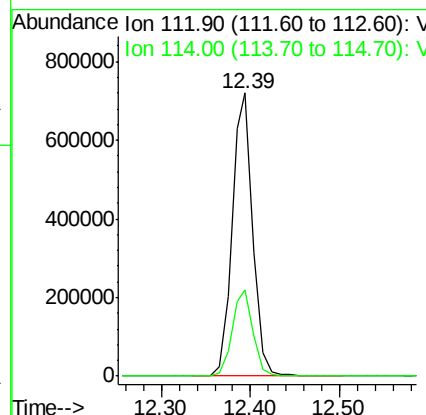
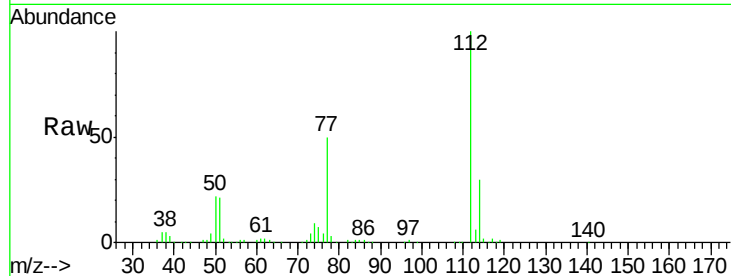




#65
Chlorobenzene
Concen: 51.207 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

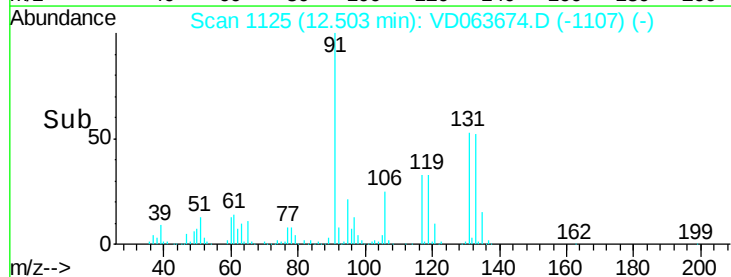
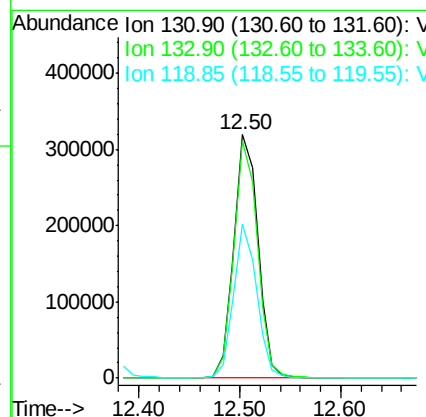
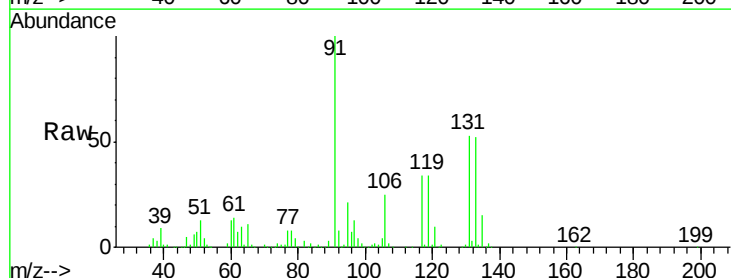
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1169888
Ion Ratio Lower Upper
112 100
114 30.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.978 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion:131 Resp: 532673
Ion Ratio Lower Upper
131 100
133 97.6 51.1 153.3
119 63.3 33.1 99.3

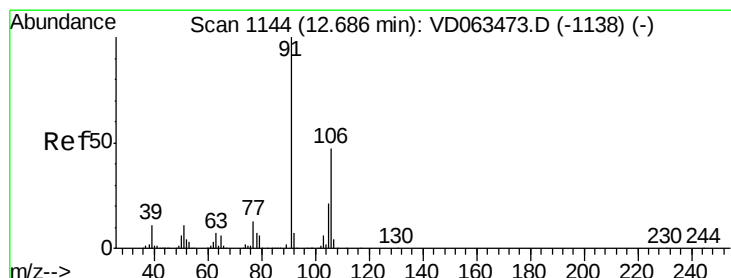
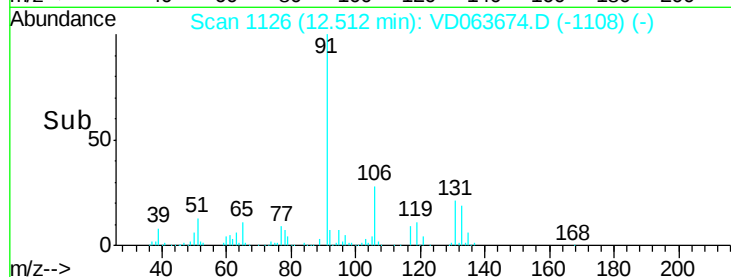
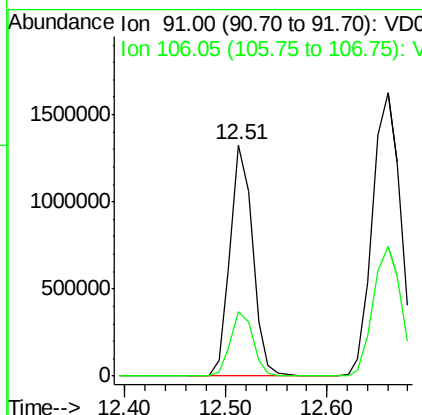
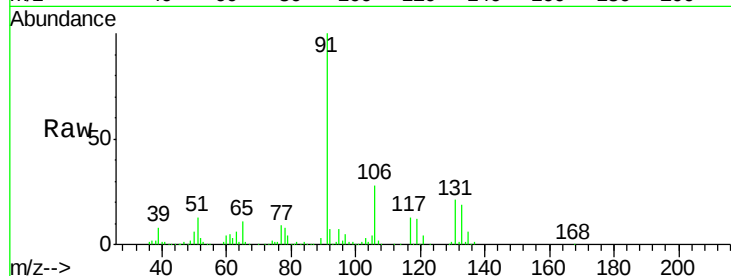




#67
Ethyl Benzene
Concen: 52.045 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

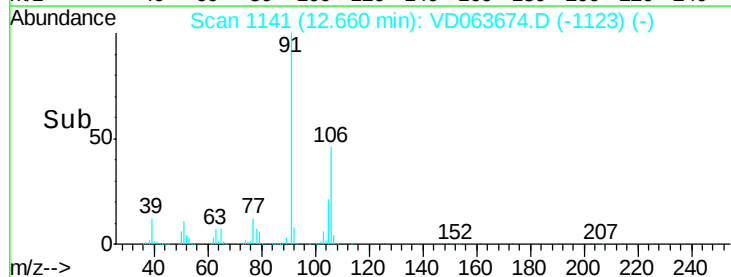
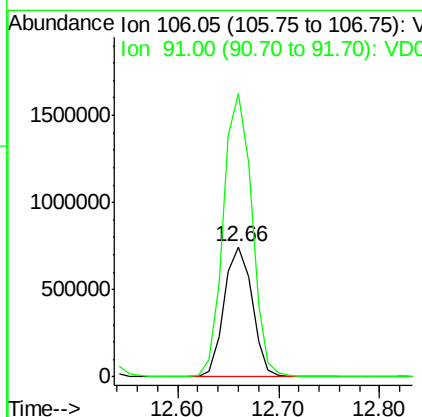
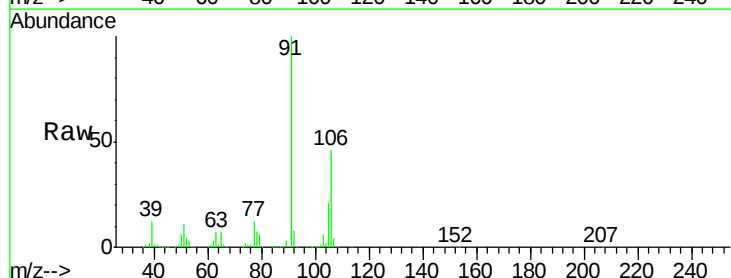
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

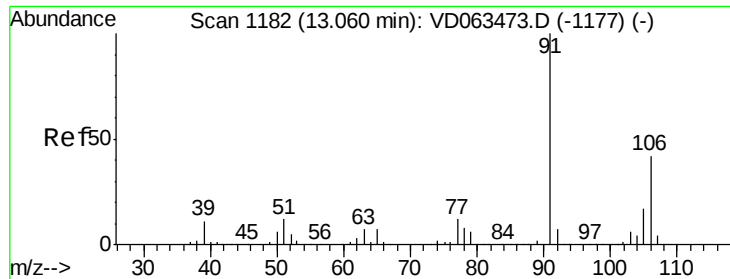
Tot Ion: 91 Resp: 2067455
Ion Ratio Lower Upper
91 100
106 28.0 23.1 34.7



#68
m/p-Xylenes
Concen: 103.714 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion: 106 Resp: 1447471
Ion Ratio Lower Upper
106 100
91 218.0 171.8 257.8

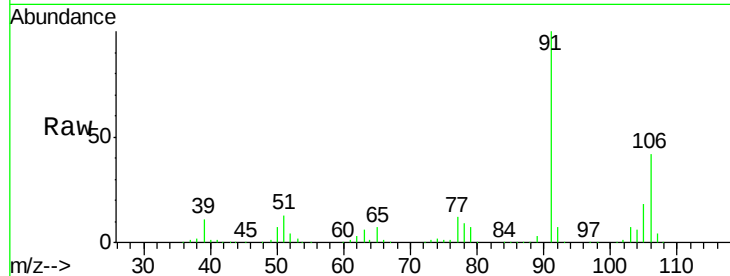




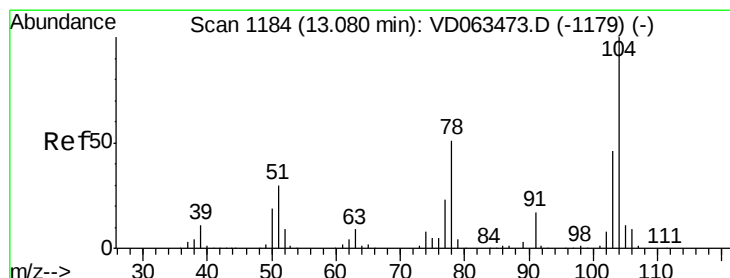
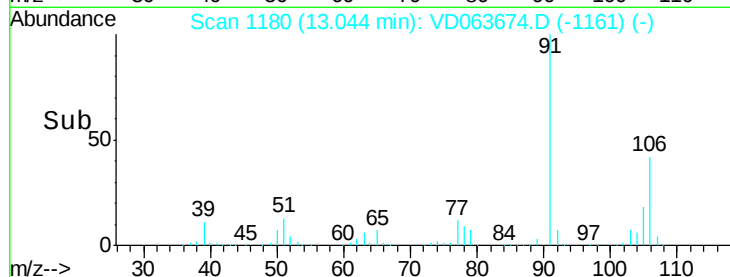
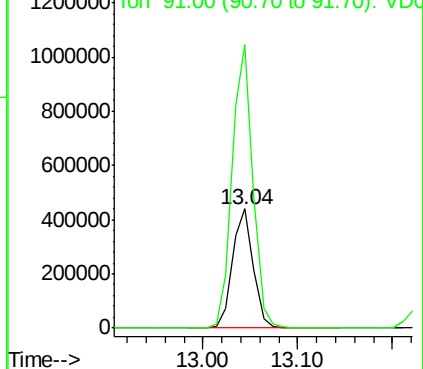
#69
o-Xylene
Concen: 49.492 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion:106 Resp: 664806
Ion Ratio Lower Upper
106 100
91 238.0 118.1 354.2

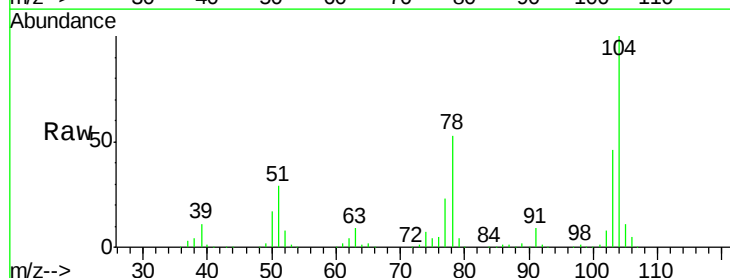


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

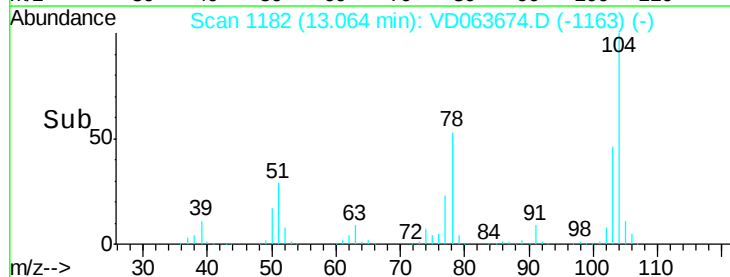
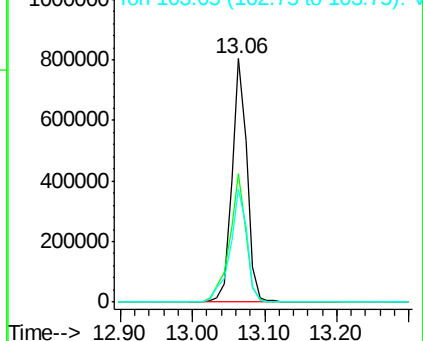


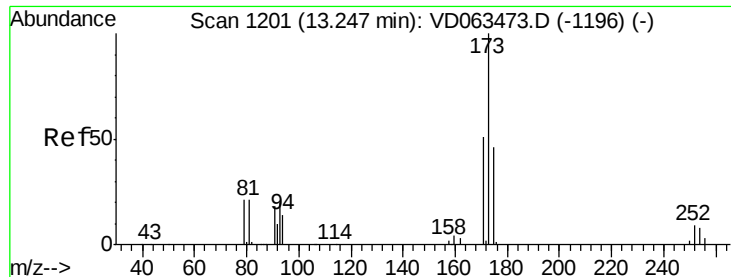
#70
Styrene
Concen: 48.724 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion:104 Resp: 1164185
Ion Ratio Lower Upper
104 100
78 52.5 40.8 61.2
103 46.5 36.4 54.6



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

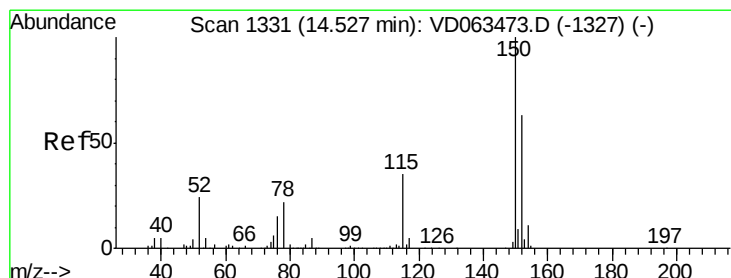
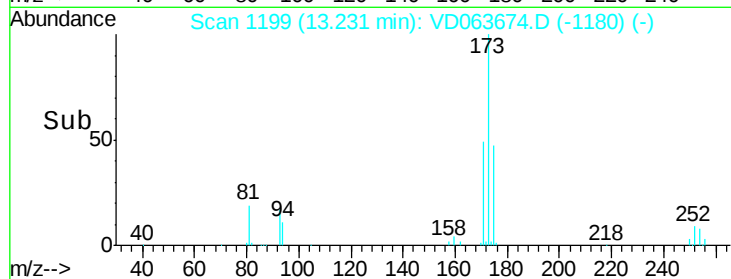
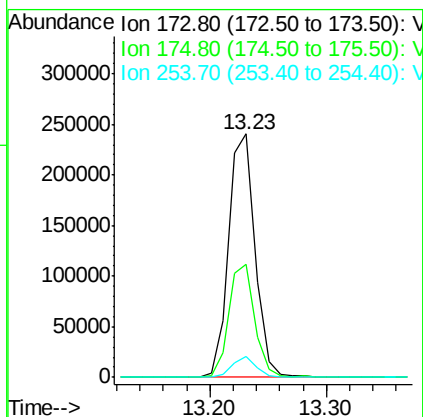
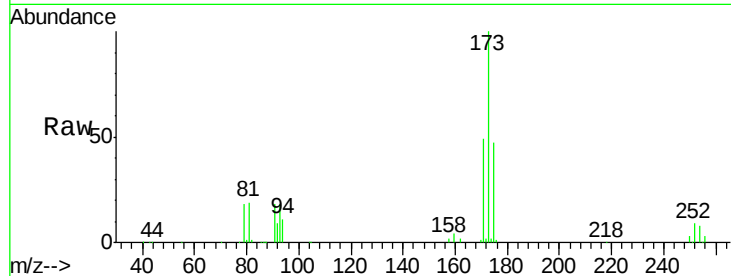




#71
Bromoform
Concen: 54.842 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

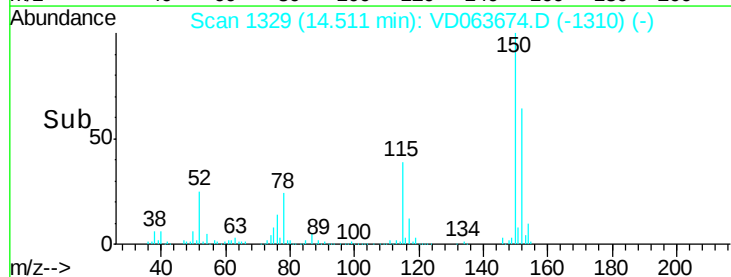
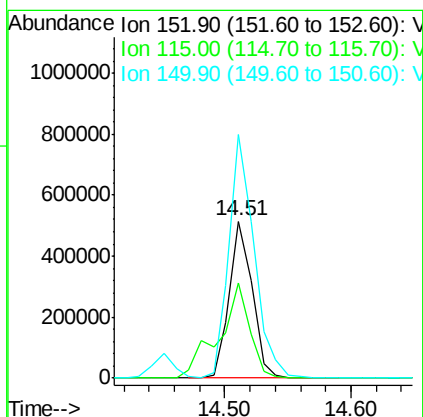
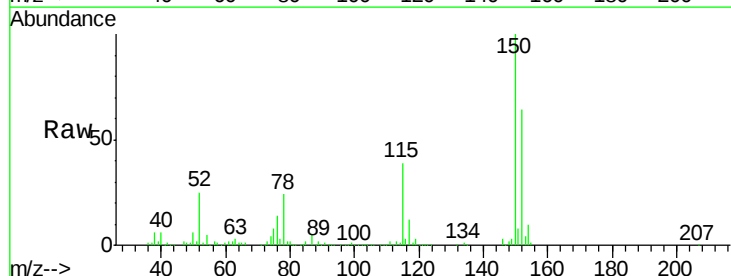
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 378098
Ion Ratio Lower Upper
173 100
175 46.5 22.8 68.3
254 8.4 6.6 9.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion:152 Resp: 642051
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.7
150 155.5 0.0 318.6





#73

Isopropylbenzene

Concen: 48.551 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

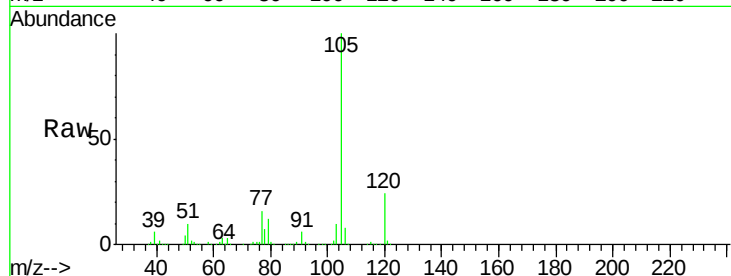
VSTDCCC050

Tot Ion:105 Resp: 1982747

Ion Ratio Lower Upper

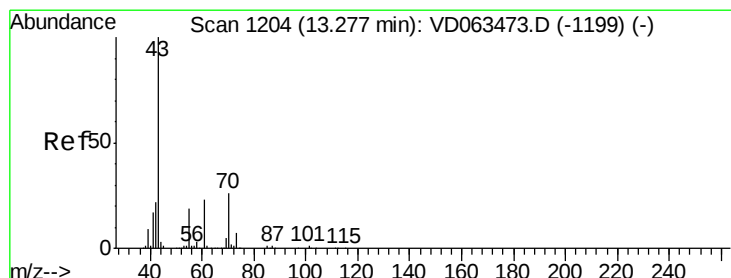
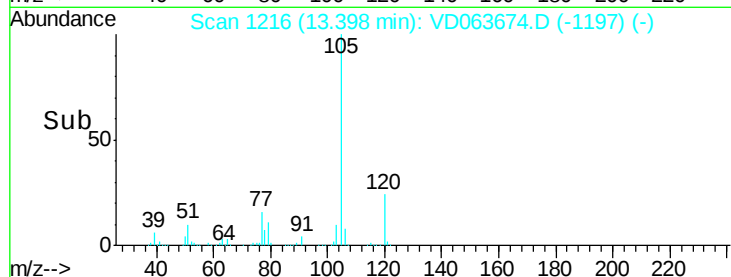
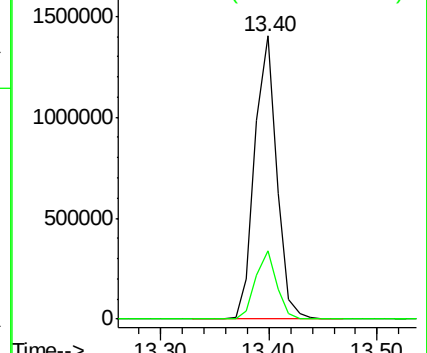
105 100

120 24.1 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 53.993 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Tgt Ion: 43 Resp: 553518

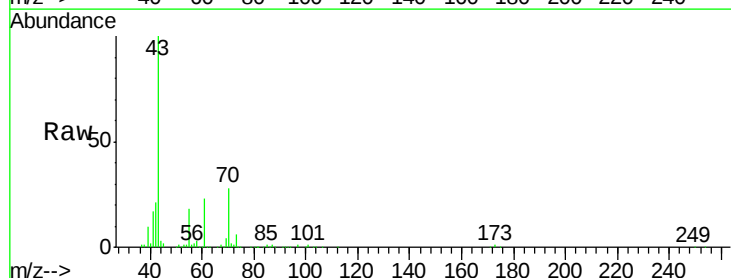
Ion Ratio Lower Upper

43 100

70 27.8 21.1 31.7

55 17.8 15.4 23.0

61 22.8 18.2 27.2

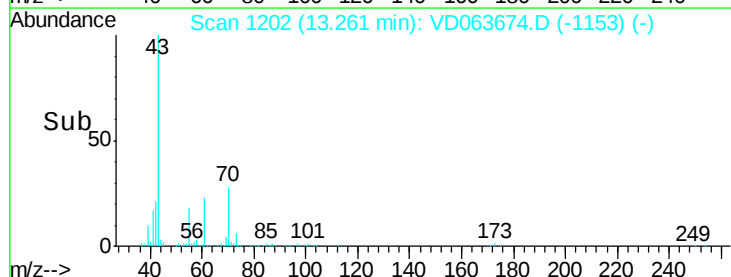
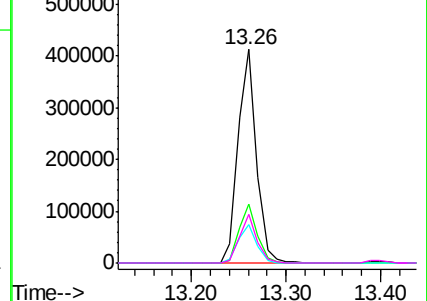


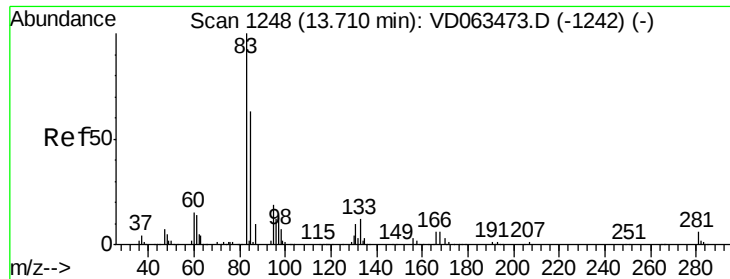
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.651 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

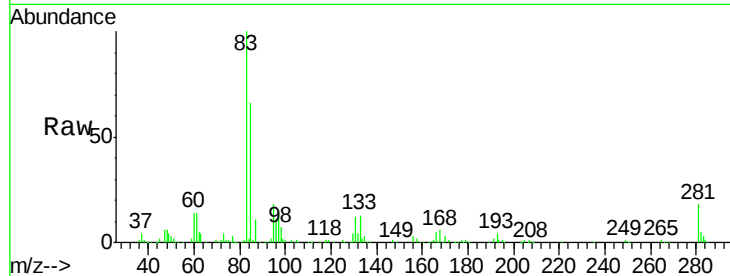
Tot Ion: 83 Resp: 343330

Ion Ratio Lower Upper

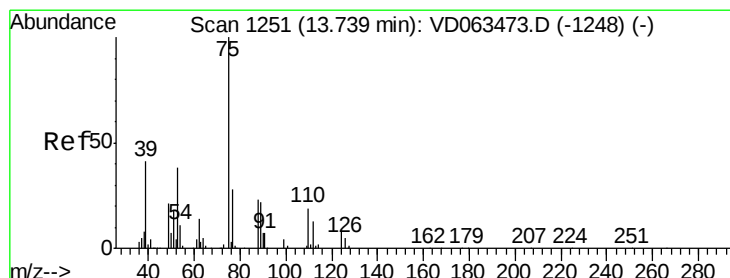
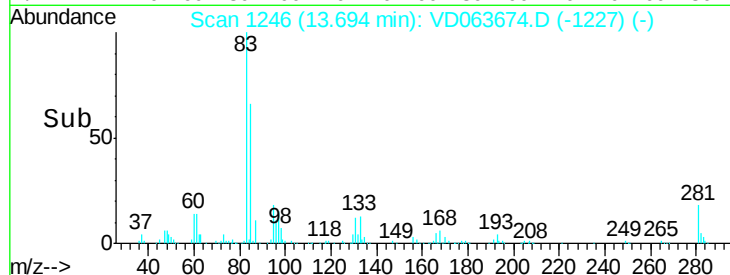
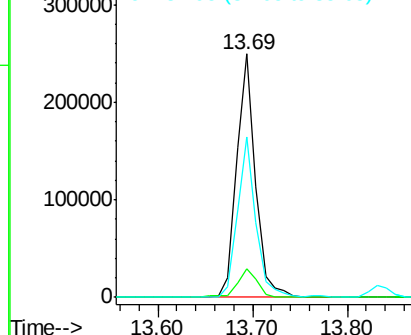
83 100

131 11.7 5.3 15.8

85 65.7 31.4 94.3



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: 54.383 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD063674.D

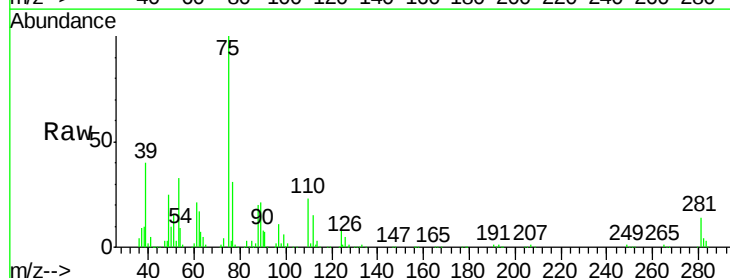
Acq: 20 Aug 2019 10:08

Tgt Ion: 75 Resp: 400725

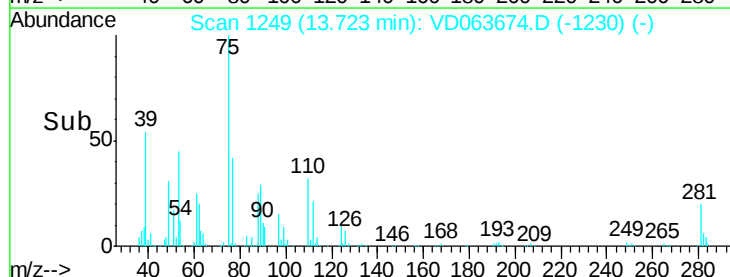
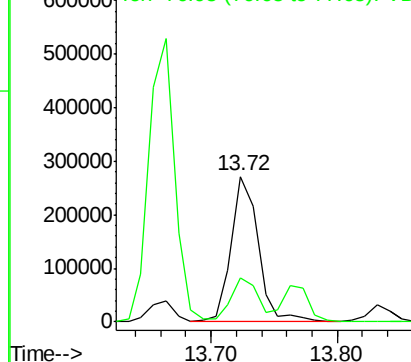
Ion Ratio Lower Upper

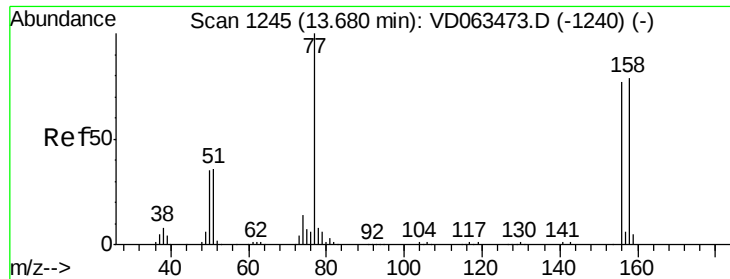
75 100

77 30.8 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 52.173 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

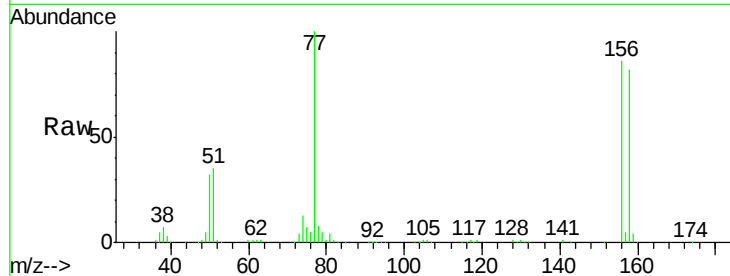
Tot Ion:156 Resp: 582307

Ion Ratio Lower Upper

156 100

77 116.4 64.6 193.8

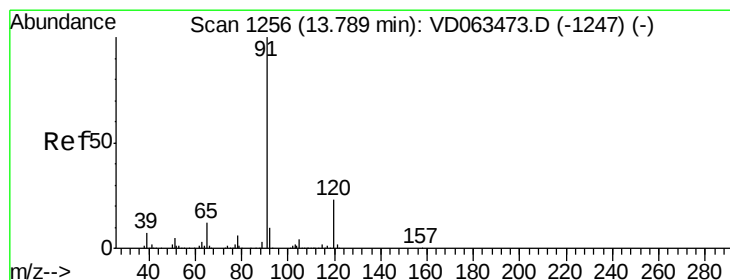
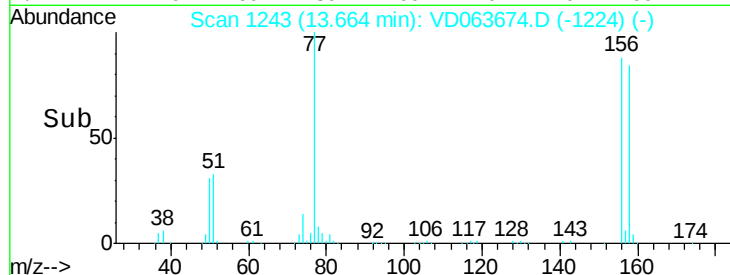
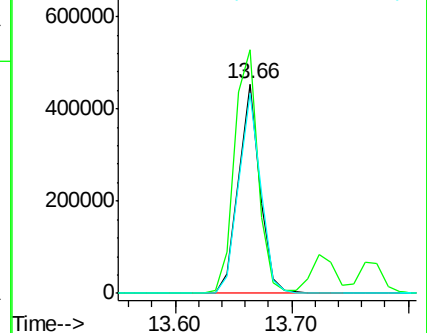
158 95.6 50.9 152.7



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 50.669 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.03 min

Lab File: VD063674.D

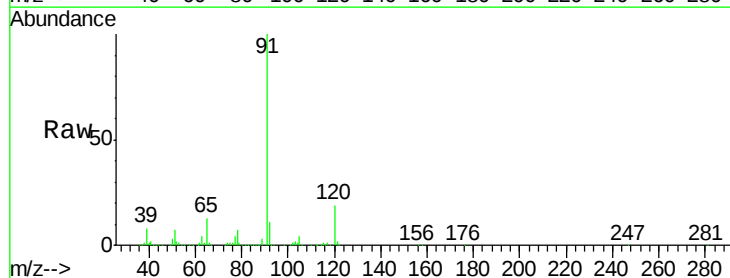
Acq: 20 Aug 2019 10:08

Tgt Ion: 91 Resp: 2421044

Ion Ratio Lower Upper

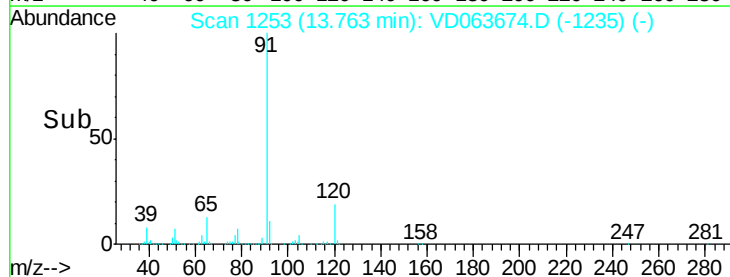
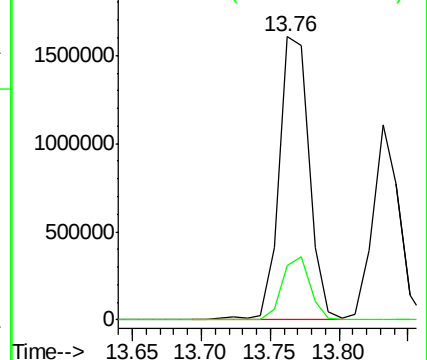
91 100

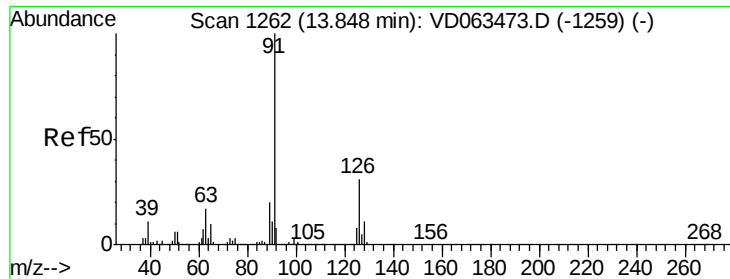
120 19.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 52.966 ug/l

RT: 13.83 min Scan# 1260

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

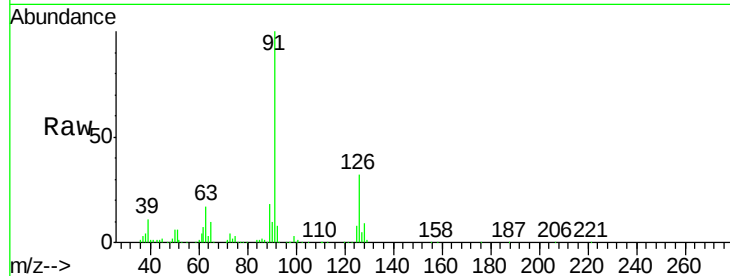
VSTDCCC050

Tot Ion: 91 Resp: 1459221

Ion Ratio Lower Upper

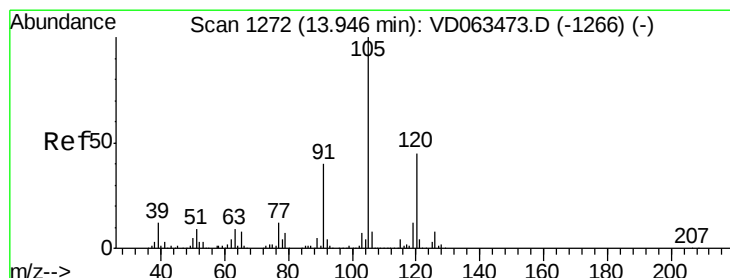
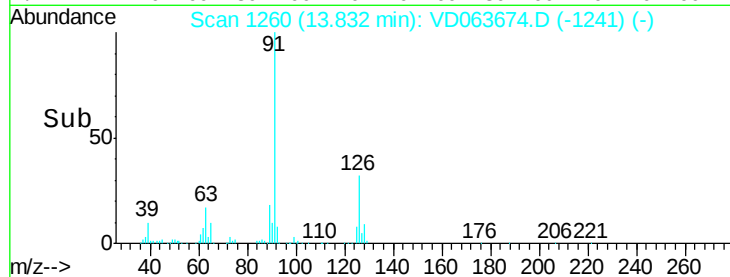
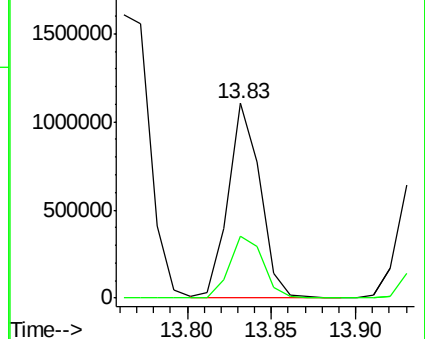
91 100

126 31.9 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 50.569 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD063674.D

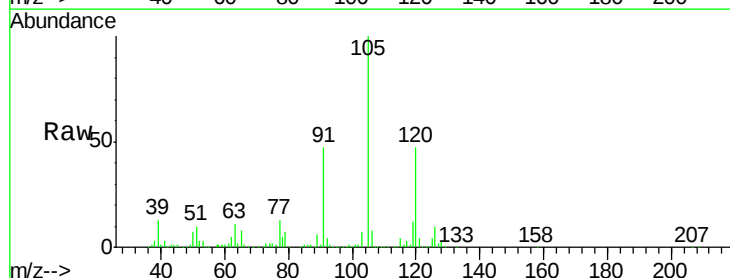
Acq: 20 Aug 2019 10:08

Tgt Ion:105 Resp: 1804392

Ion Ratio Lower Upper

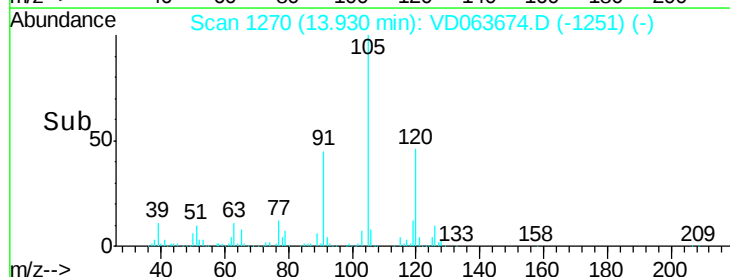
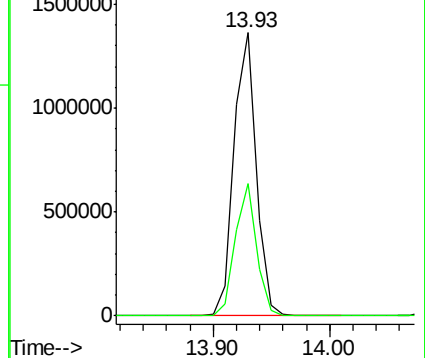
105 100

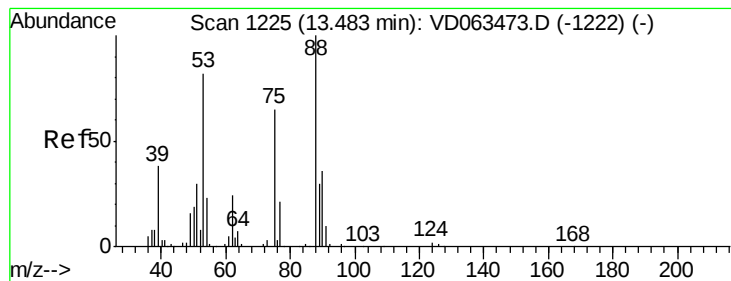
120 46.7 22.8 68.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.212 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

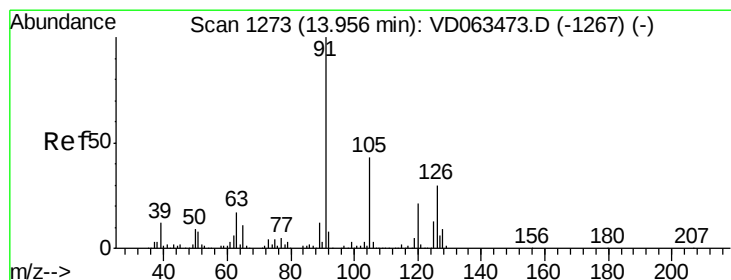
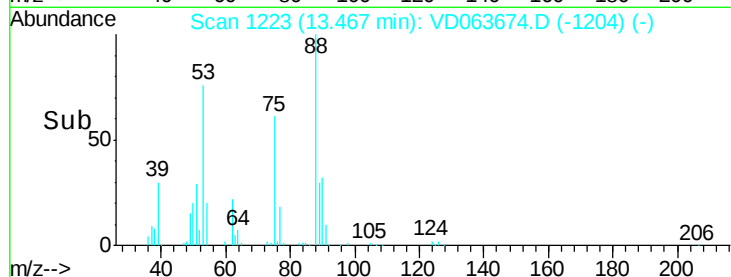
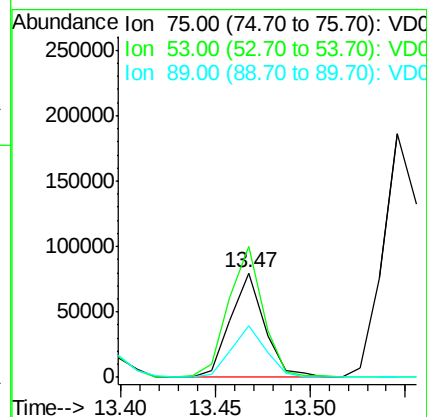
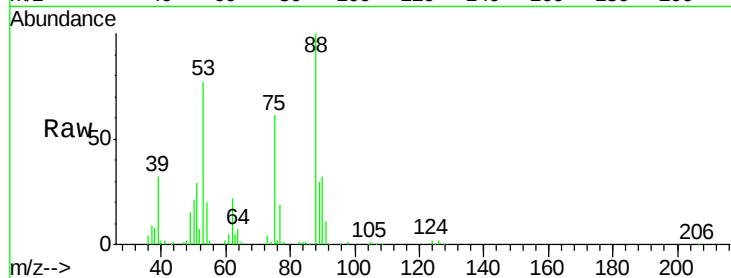
Tot Ion: 75 Resp: 99445

Ion Ratio Lower Upper

75 100

53 125.4 101.0 151.4

89 49.1 37.0 55.6



#82

4-Chlorotoluene

Concen: 50.759 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD063674.D

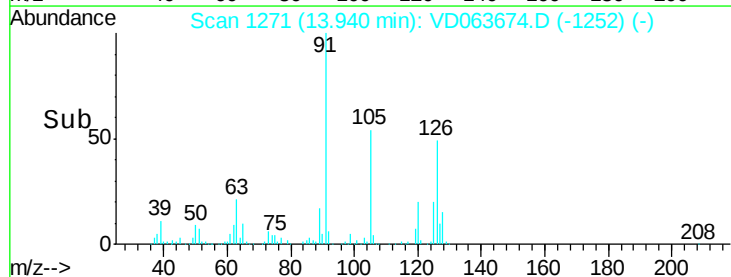
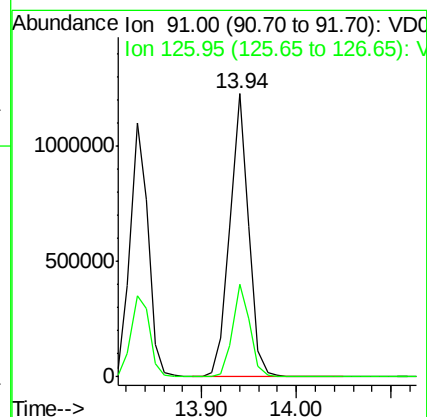
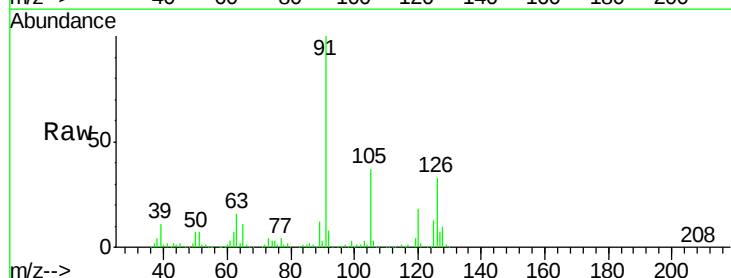
Acq: 20 Aug 2019 10:08

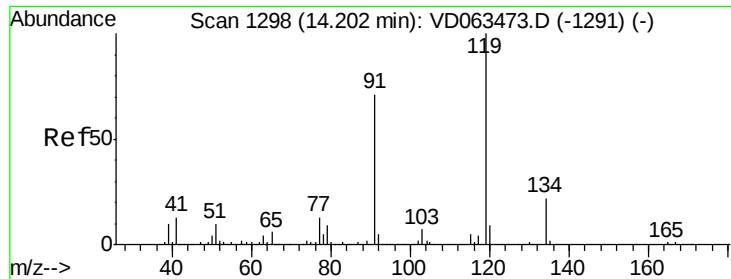
Tgt Ion: 91 Resp: 1681604

Ion Ratio Lower Upper

91 100

126 32.6 15.2 45.6

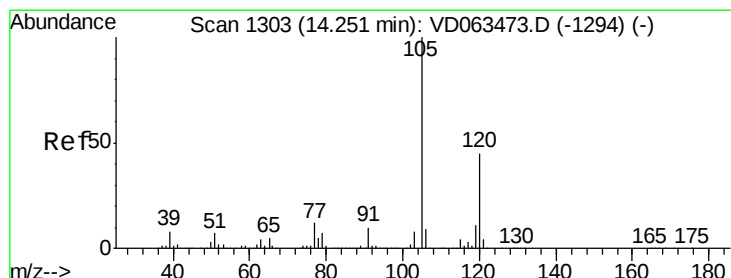
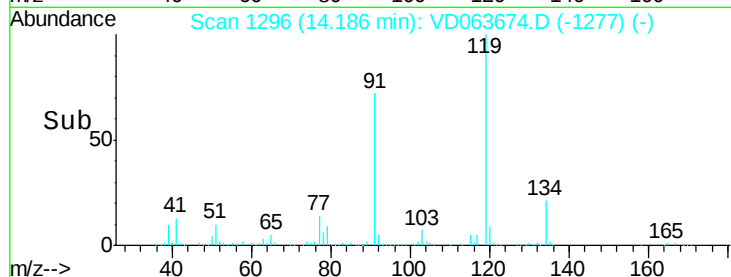
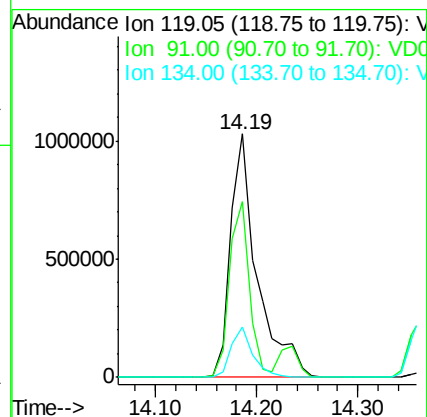
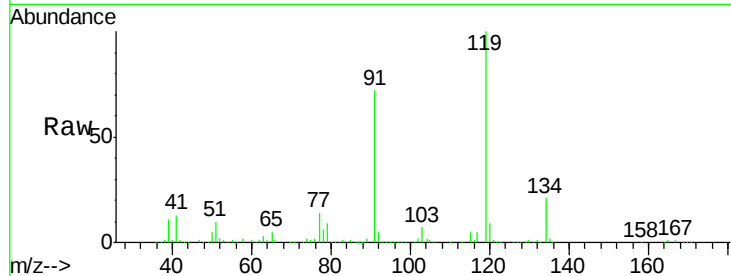




#83
 tert-Butylbenzene
 Concen: 50.258 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

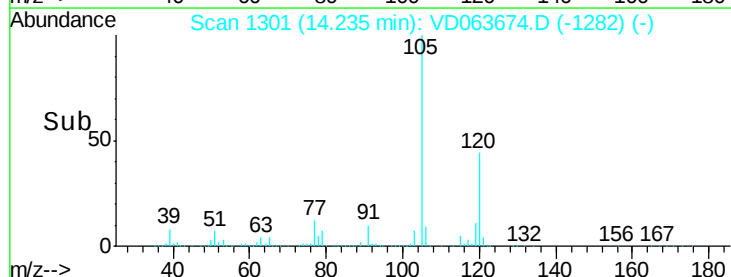
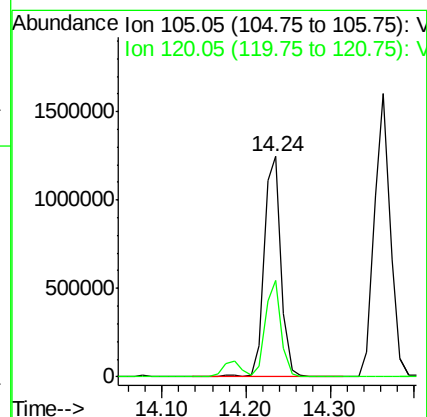
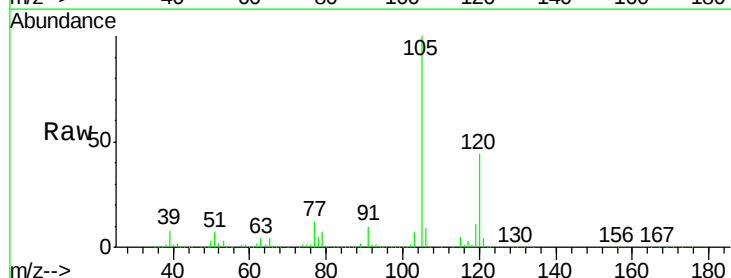
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

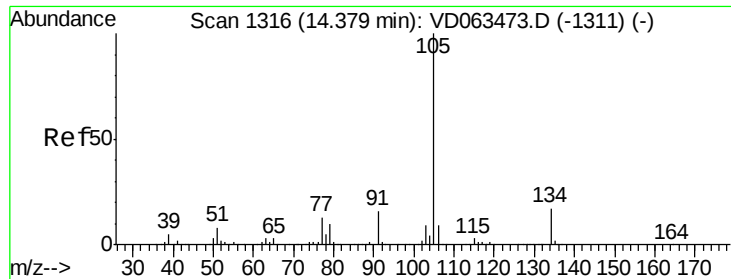
Tot Ion:119 Resp: 1888406
 Ion Ratio Lower Upper
 119 100
 91 72.0 35.5 106.7
 134 20.5 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.154 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion:105 Resp: 1754894
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.544 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

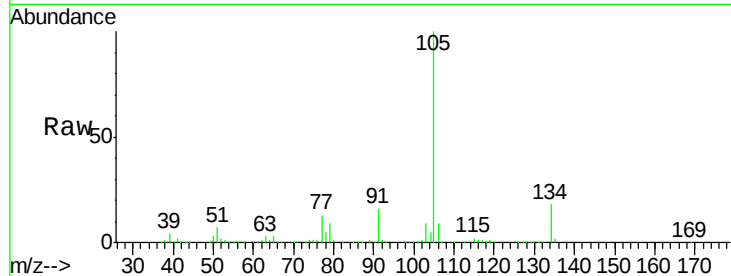
VSTDCCC050

Tot Ion:105 Resp: 2096659

Ion Ratio Lower Upper

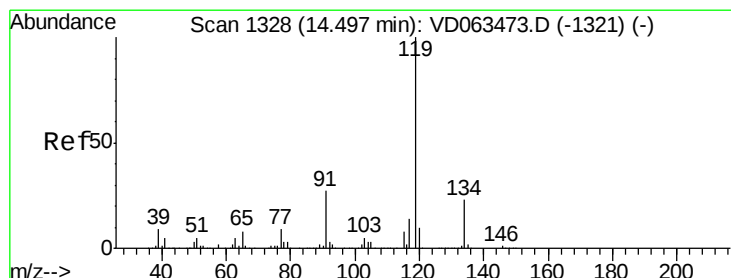
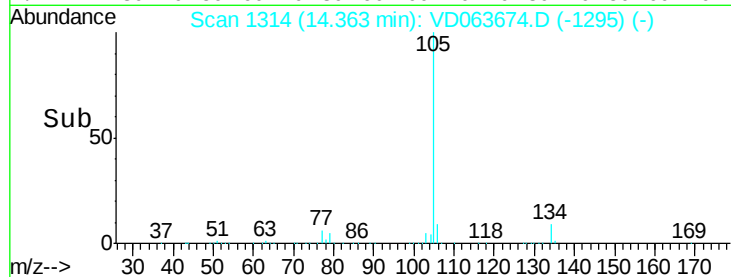
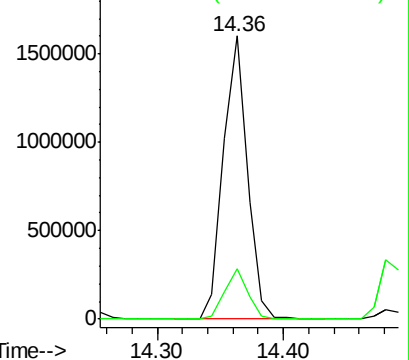
105 100

134 17.7 8.3 24.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 51.697 ug/l

RT: 14.48 min Scan# 1326

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

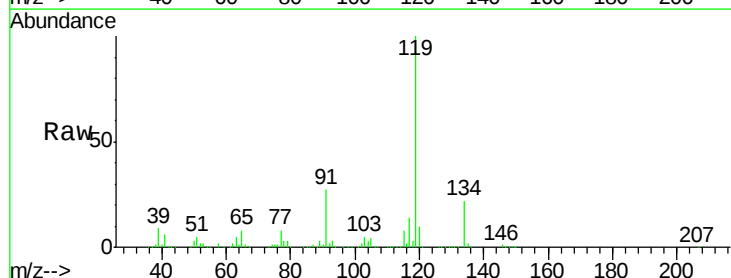
Tgt Ion:119 Resp: 1972409

Ion Ratio Lower Upper

119 100

134 22.0 11.3 33.8

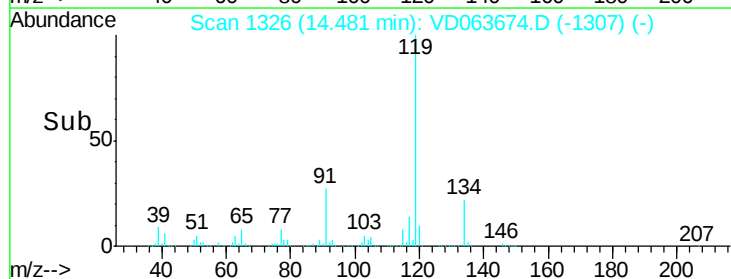
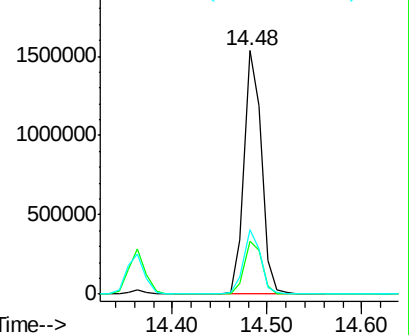
91 26.6 13.5 40.4

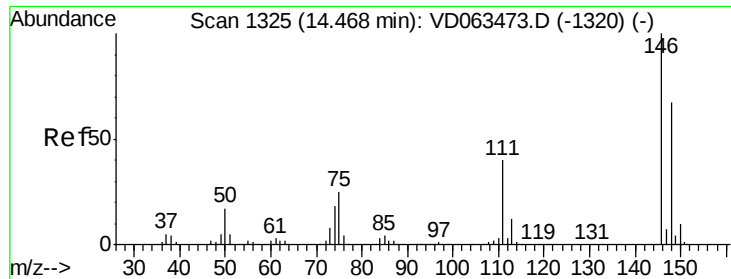


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

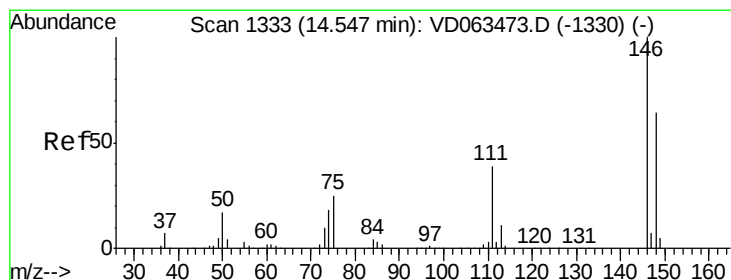
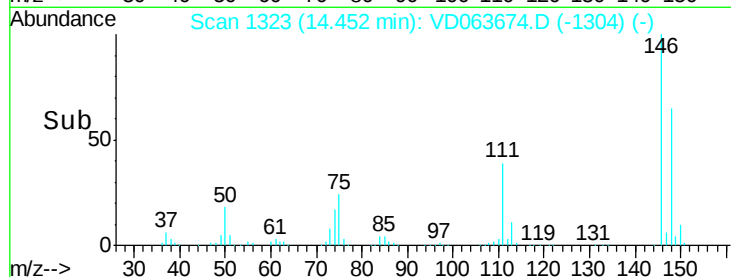
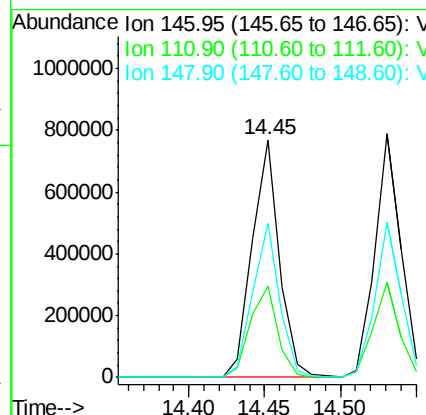
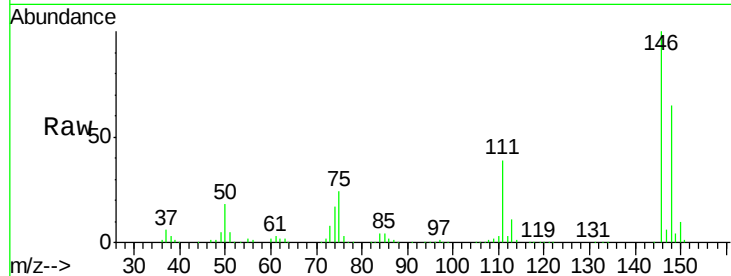




#87
 1,3-Dichlorobenzene
 Concen: 47.502 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

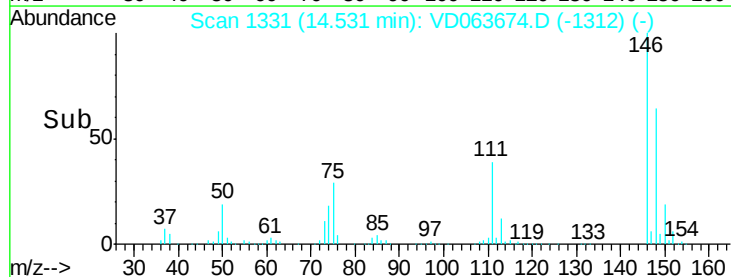
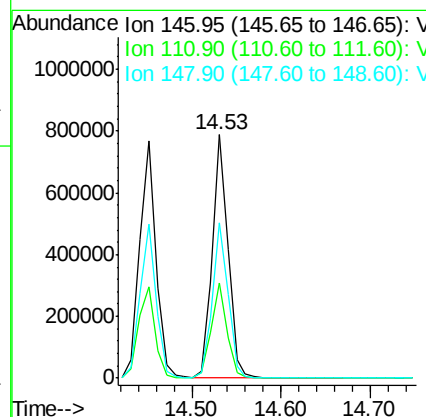
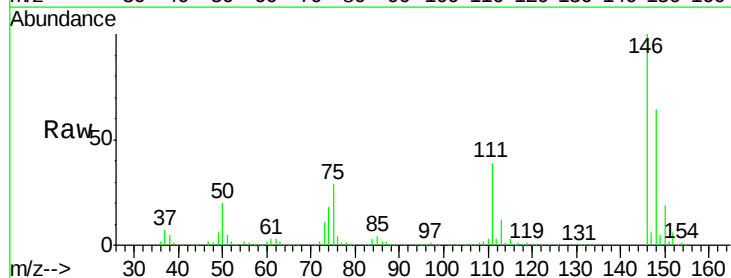
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

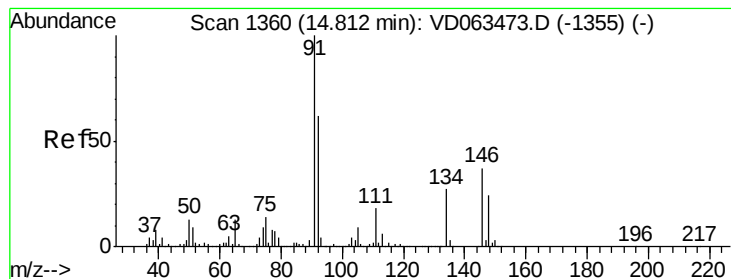
Tot Ion:146 Resp: 958983
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 60.0
 148 64.7 33.6 100.6



#88
 1,4-Dichlorobenzene
 Concen: 49.433 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion:146 Resp: 957481
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 52.735 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063674.D

Acq: 20 Aug 2019 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

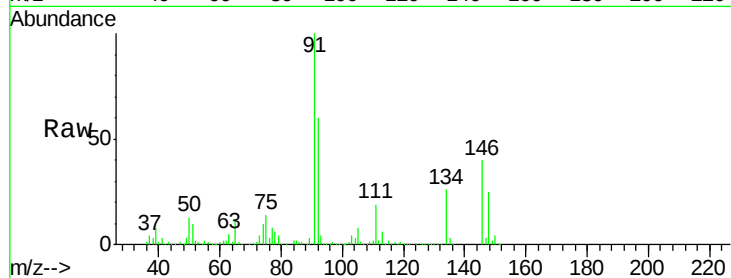
Tot Ion: 91 Resp: 1836320

Ion Ratio Lower Upper

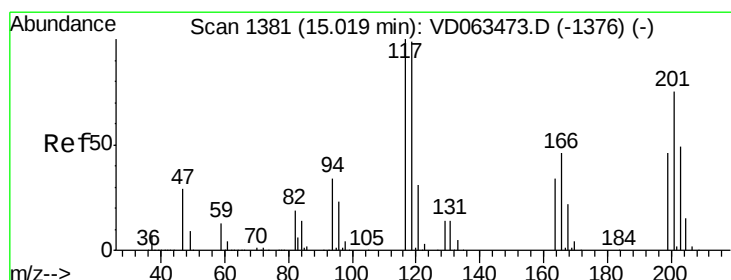
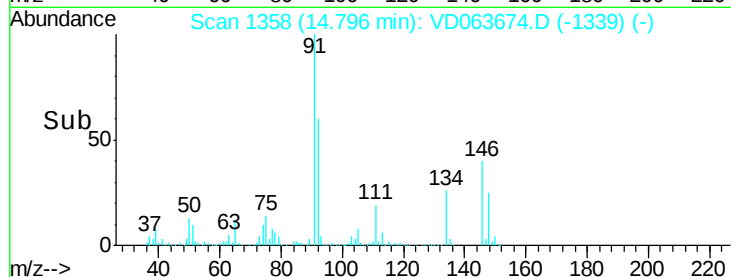
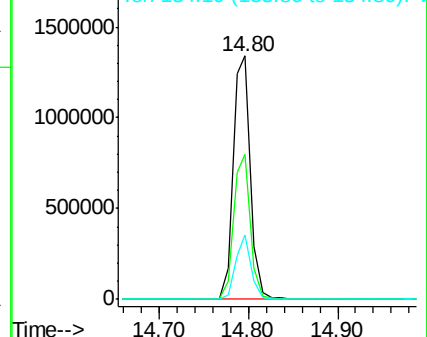
91 100

92 59.8 30.8 92.3

134 26.3 13.4 40.2



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): V



#90

Hexachloroethane

Concen: 52.504 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VD063674.D

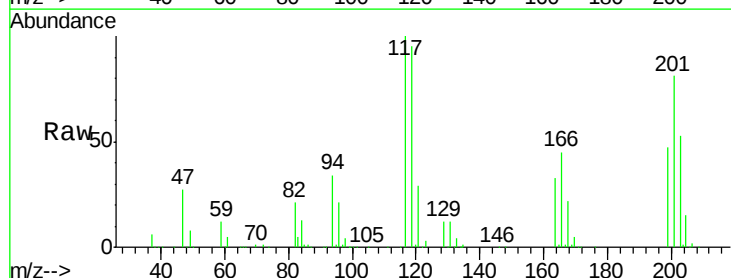
Acq: 20 Aug 2019 10:08

Tgt Ion: 117 Resp: 503498

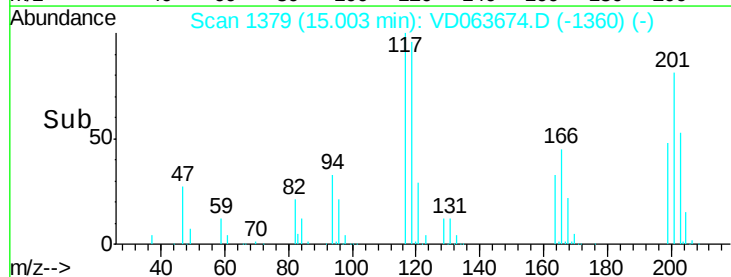
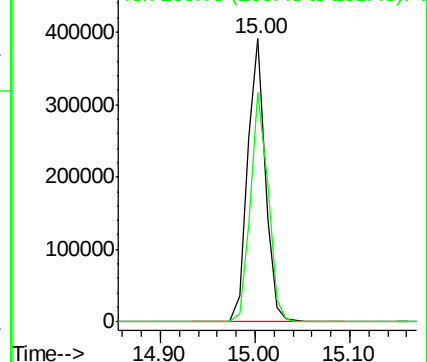
Ion Ratio Lower Upper

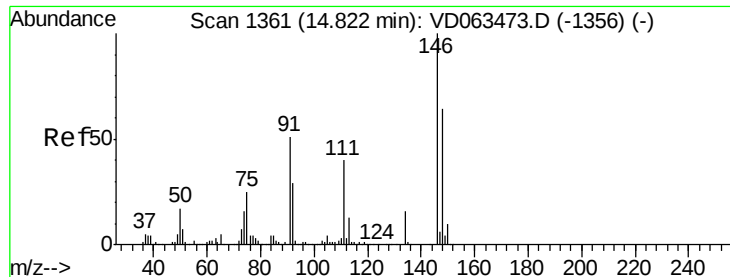
117 100

201 81.1 37.5 112.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

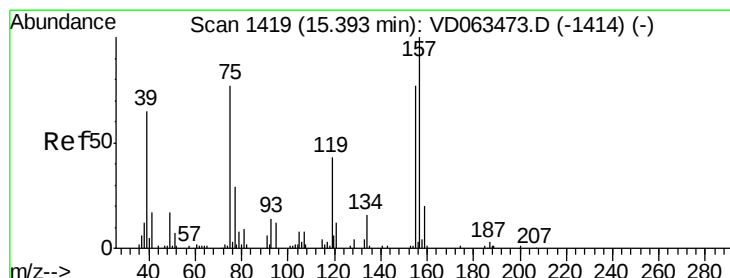
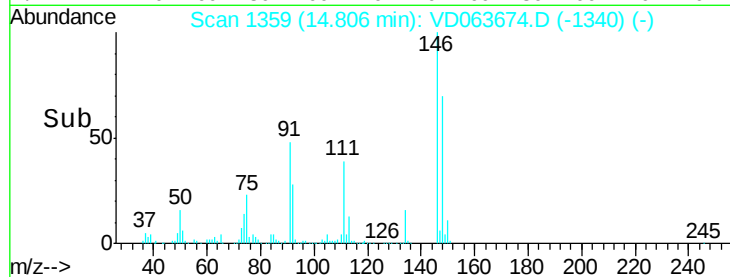
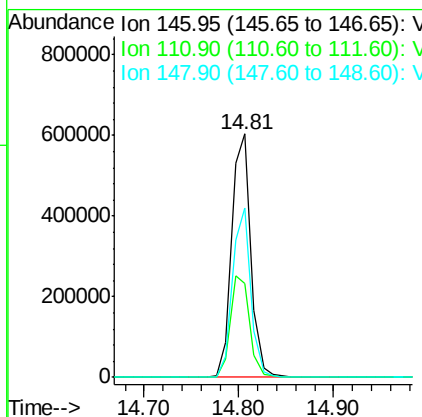
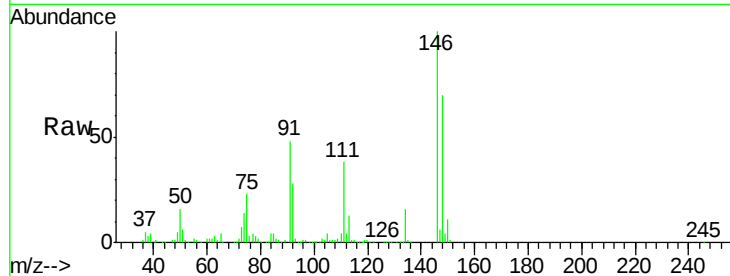




#91
 1,2-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

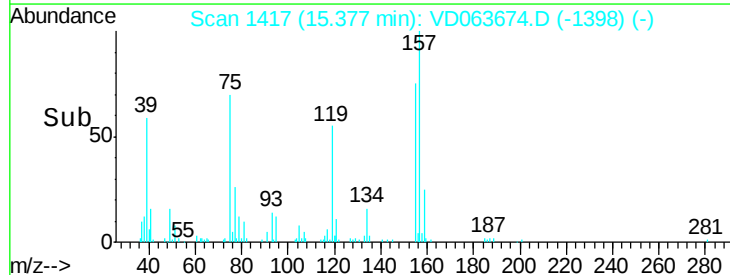
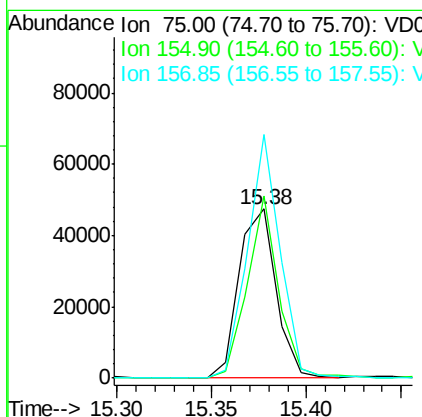
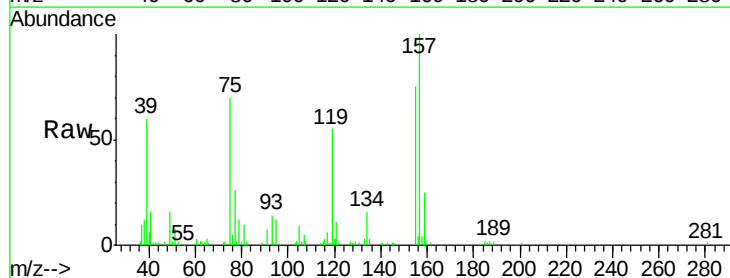
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

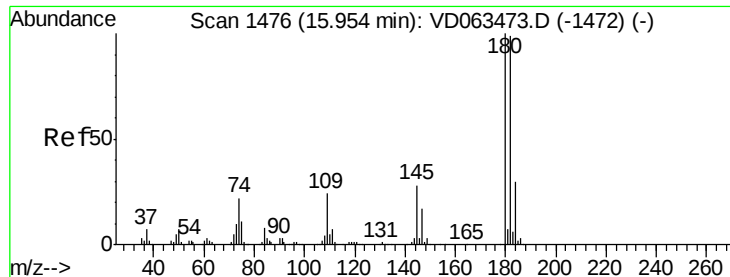
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.2	60.6
148	69.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.060 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.8	50.1	150.3
157	143.8	65.0	195.1

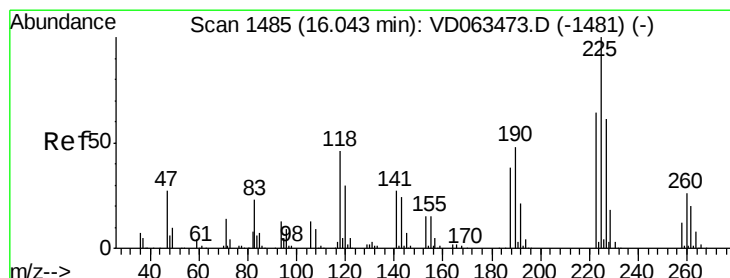
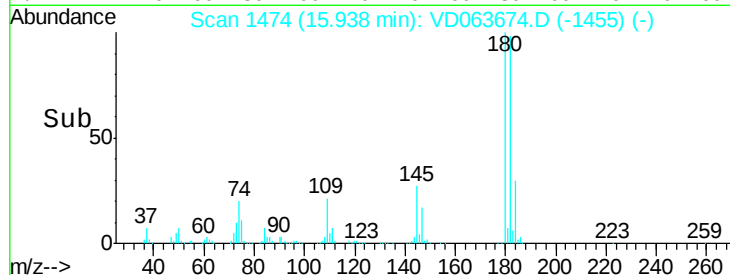
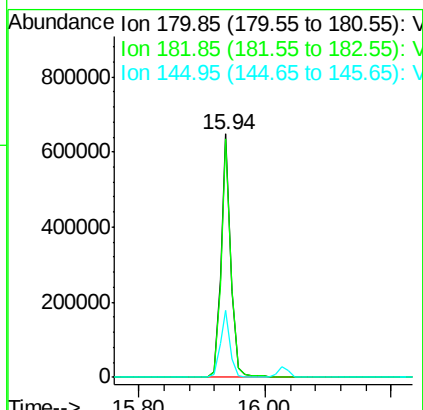
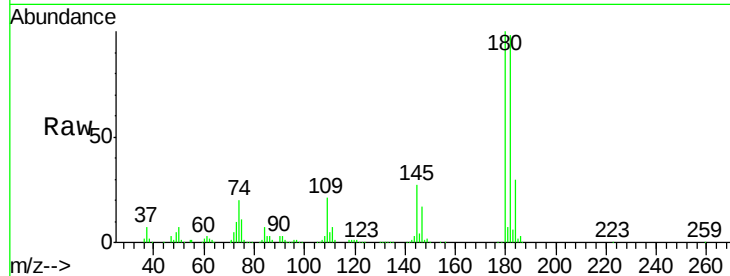




#93
 1,2,4-Trichlorobenzene
 Concen: 56.886 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

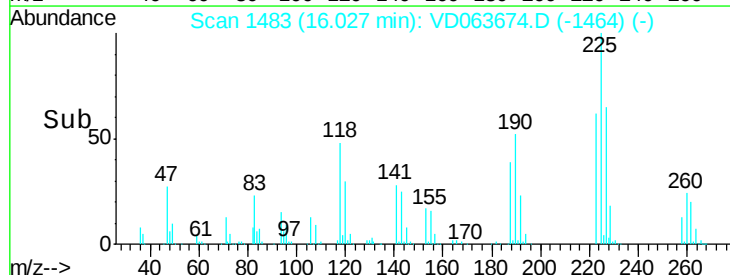
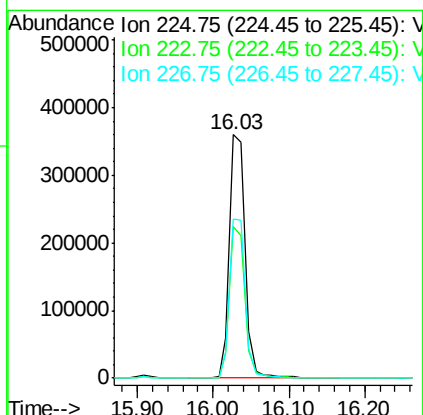
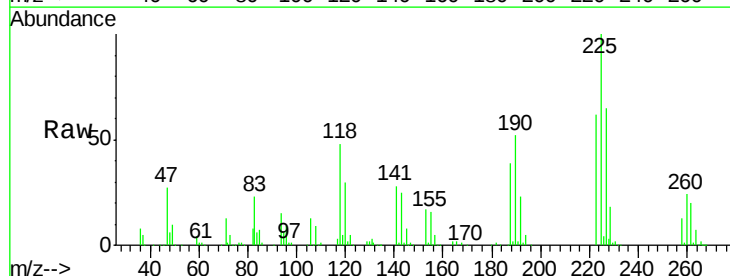
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

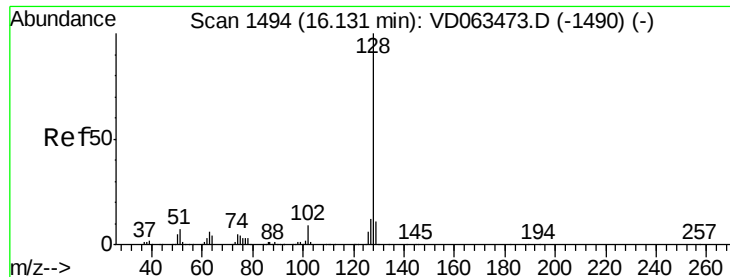
Tot Ion:180 Resp: 716971
 Ion Ratio Lower Upper
 180 100
 182 98.0 49.7 149.1
 145 27.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 53.476 ug/l
 RT: 16.03 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: VD063674.D
 Acq: 20 Aug 2019 10:08

Tgt Ion:225 Resp: 513668
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 65.4 30.7 92.1

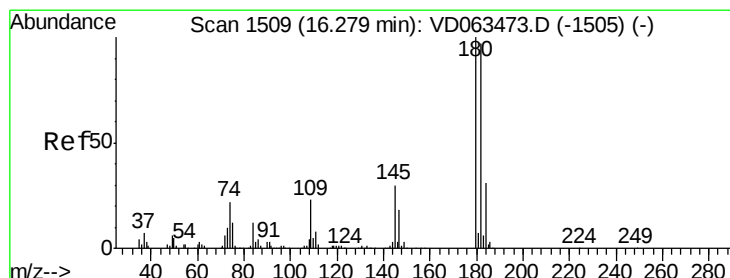
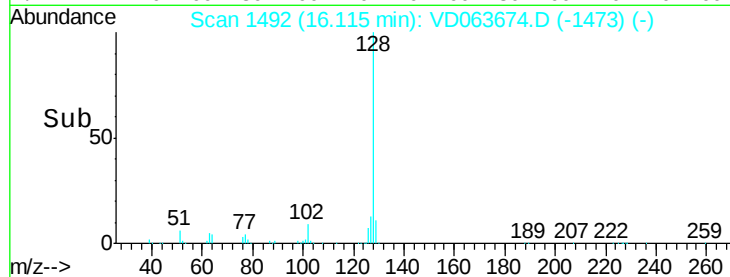
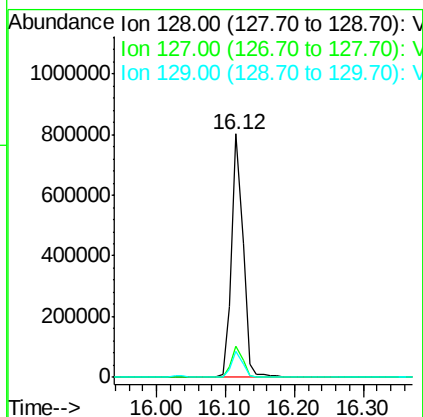
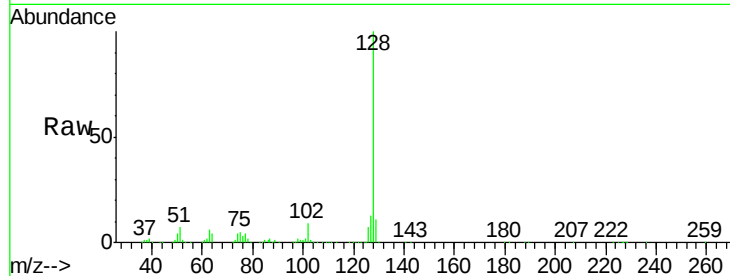




#95
Naphthalene
Concen: 48.888 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 933790
Ion Ratio Lower Upper
128 100
127 12.9 9.4 14.0
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 53.789 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.02 min
Lab File: VD063674.D
Acq: 20 Aug 2019 10:08

Tgt Ion:180 Resp: 547554
Ion Ratio Lower Upper
180 100
182 99.3 48.4 145.2
145 31.1 14.9 44.9

