

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100319\
 Data File : VD063875.D
 Acq On : 03 Oct 2019 14:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:36:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	204462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	325870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	321311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	98437	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.92	113	98411	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.34	98	403498	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.63	95	136039	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63458	43.764	ug/l	93
3) Chloromethane	2.21	50	205092	52.590	ug/l	94
4) Vinyl Chloride	2.35	62	224122	47.824	ug/l	98
5) Bromomethane	2.77	94	131569	43.669	ug/l	91
6) Chloroethane	2.93	64	143815	46.403	ug/l	94
7) Trichlorofluoromethane	3.27	101	289409	46.708	ug/l	98
8) Diethyl Ether	3.70	74	45804	46.056	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.08	101	82353	48.015	ug/l	98
10) Methyl Iodide	4.29	142	115611	48.918	ug/l	100
11) Tert butyl alcohol	5.25	59	28944	207.949	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	84197	49.136	ug/l	91
13) Acrolein	3.93	56	40661	228.705	ug/l	100
14) Allyl chloride	4.71	41	130504	45.808	ug/l	97
15) Acrylonitrile	5.43	53	98888	225.530	ug/l	98
16) Acetone	4.16	43	115559	222.975	ug/l	91
17) Carbon Disulfide	4.40	76	294732	47.316	ug/l #	94
18) Methyl Acetate	4.72	43	46773	46.143	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	208726	47.039	ug/l	98
20) Methylene Chloride	4.96	84	113883	49.493	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	103182	48.370	ug/l	89
22) Diisopropyl ether	6.37	45	287299	49.378	ug/l	97
23) Vinyl Acetate	6.31	43	836452	241.660	ug/l	99
24) 1,1-Dichloroethane	6.27	63	176563	49.266	ug/l #	91
25) 2-Butanone	7.22	43	141672	230.664	ug/l	95
26) 2,2-Dichloropropane	7.21	77	157694	48.642	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	118039	48.888	ug/l	98
28) Bromochloromethane	7.55	49	74954	54.823	ug/l	98
29) Tetrahydrofuran	7.57	42	78605	219.265	ug/l	99
30) Chloroform	7.71	83	186260	47.851	ug/l	86
31) Cyclohexane	7.98	56	156140	52.929	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	166866	49.974	ug/l	97
36) 1,1-Dichloropropene	8.11	75	141220	47.397	ug/l	99
37) Ethyl Acetate	7.30	43	57467	47.935	ug/l	98
38) Carbon Tetrachloride	8.10	117	146123	48.531	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	180080	49.156	ug/l	90
40) Benzene	8.35	78	425145	49.792	ug/l	98
41) Methacrylonitrile	7.57	41	79722	115.407	ug/l #	23
42) 1,2-Dichloroethane	8.43	62	121016	48.997	ug/l	99
43) Isopropyl Acetate	8.46	43	112442	45.000	ug/l	99
44) Trichloroethene	9.11	130	121648	49.408	ug/l	100
45) 1,2-Dichloropropane	9.39	63	101848	48.733	ug/l	95
46) Dibromomethane	9.48	93	57395	48.222	ug/l	98
47) Bromodichloromethane	9.67	83	149522	48.794	ug/l	99
48) Methyl methacrylate	9.46	41	50548	42.221	ug/l	98
49) 1,4-Dioxane	9.47	88	15591	959.654	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	293558	226.529	ug/l	98
52) Toluene	10.40	92	285474	48.704	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	146240	48.905	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	173411	50.379	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	80189	47.716	ug/l	91
56) Ethyl methacrylate	10.66	69	100861	47.393	ug/l	98
57) 1,3-Dichloropropane	10.95	76	135603	47.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	209109	228.592	ug/l	99
59) 2-Hexanone	10.98	43	212713	226.915	ug/l	99
60) Dibromochloromethane	11.14	129	107825	49.282	ug/l	97
61) 1,2-Dibromoethane	11.25	107	82902	50.884	ug/l	96
64) Tetrachloroethene	10.87	164	107780	49.136	ug/l	95
65) Chlorobenzene	11.67	112	327888	50.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119586	50.295	ug/l	98
67) Ethyl Benzene	11.74	91	586644	50.418	ug/l	95
68) m/p-Xylenes	11.85	106	466107	103.784	ug/l	98
69) o-Xylene	12.18	106	211894	49.273	ug/l	98
70) Styrene	12.20	104	370565	50.902	ug/l	99
71) Bromoform	12.36	173	63809	50.005	ug/l #	98
73) Isopropylbenzene	12.48	105	584630	49.494	ug/l	99
74) N-amyl acetate	12.29	43	113600	44.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	87685	42.660	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	118713	100.873	ug/l #	100
77) Bromobenzene	12.76	156	142751	48.507	ug/l	96
78) n-propylbenzene	12.82	91	676666	48.804	ug/l	99
79) 2-Chlorotoluene	12.91	91	372860	48.771	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	488074	49.528	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	29785	44.787	ug/l	99
82) 4-Chlorotoluene	13.00	91	389489	48.026	ug/l	99
83) tert-Butylbenzene	13.23	119	428006	48.802	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	487850	48.020	ug/l	99
85) sec-Butylbenzene	13.40	105	584800	49.375	ug/l	99
86) p-Isopropyltoluene	13.51	119	559368	49.910	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	286227	49.223	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	278214	48.498	ug/l	99
89) n-Butylbenzene	13.84	91	522196	50.055	ug/l	99
90) Hexachloroethane	14.11	117	102058	50.630	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	245752	49.041	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13815	42.910	ug/l	83

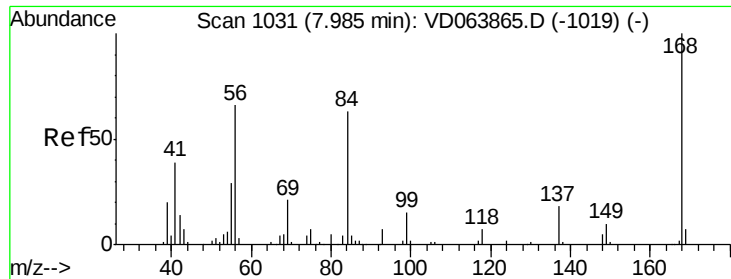
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	190761	49.335	ug/l	99
94) Hexachlorobutadiene	15.27	225	102891	48.221	ug/l	94
95) Naphthalene	15.40	128	321151	49.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	161830	48.509	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

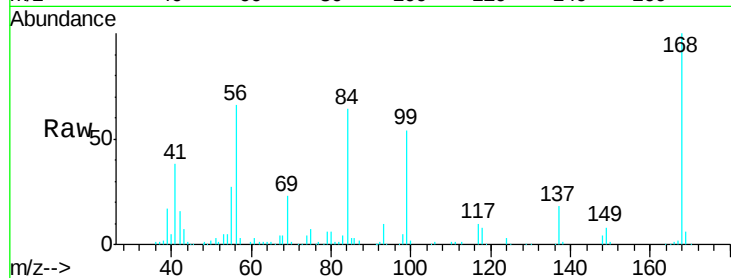
VSTDCCC050

Tgt Ion: 168 Resp: 204462

Ion Ratio Lower Upper

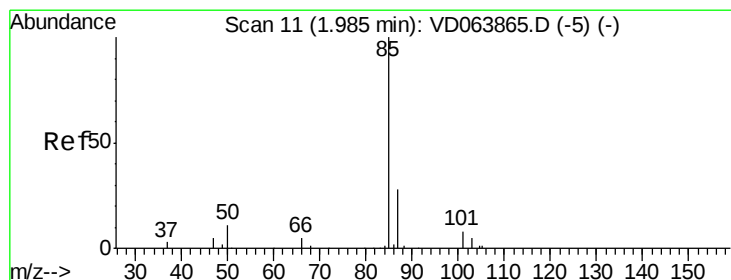
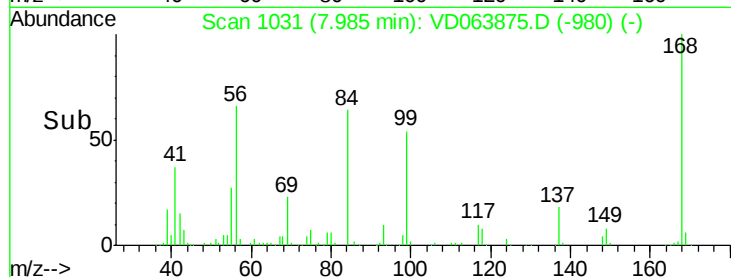
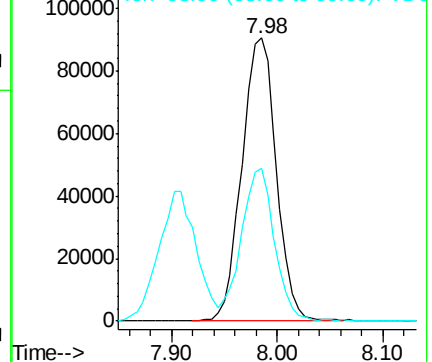
168 100

99 53.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 43.764 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD063875.D

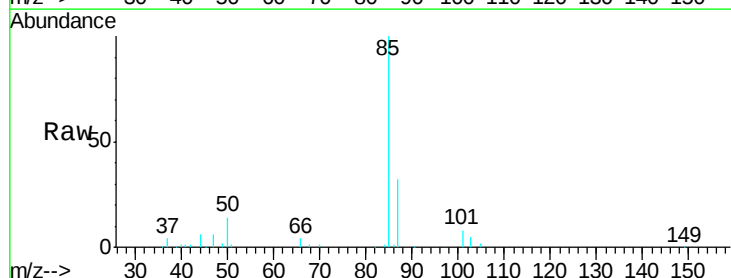
Acq: 03 Oct 2019 14:53

Tgt Ion: 85 Resp: 63458

Ion Ratio Lower Upper

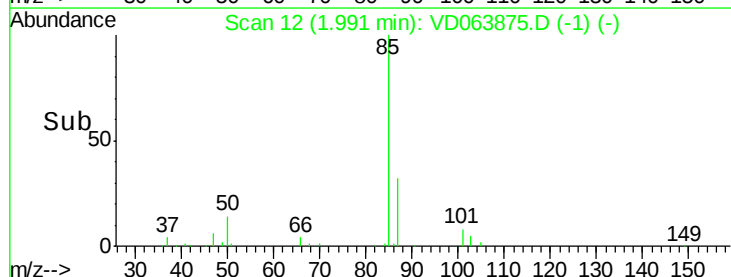
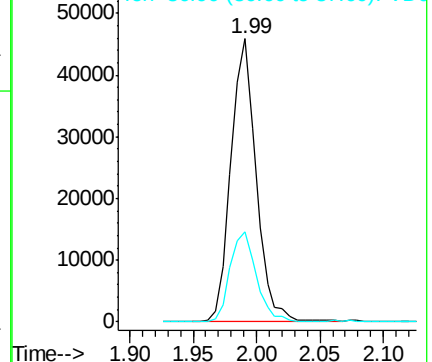
85 100

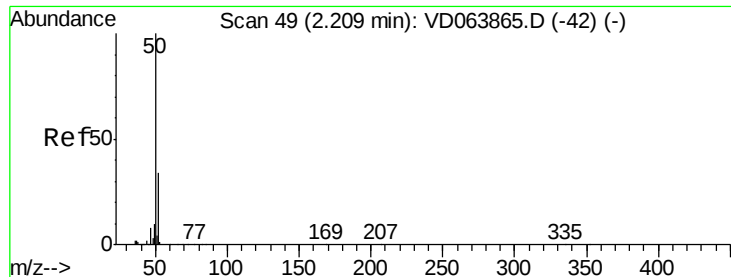
87 31.6 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

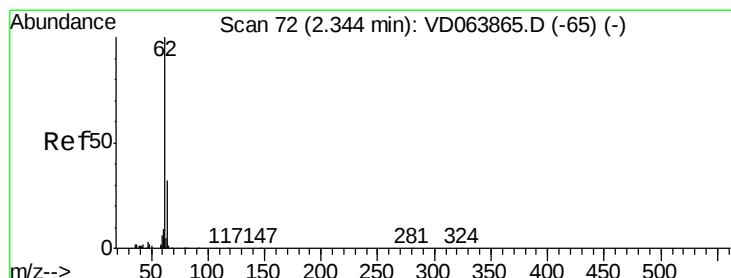
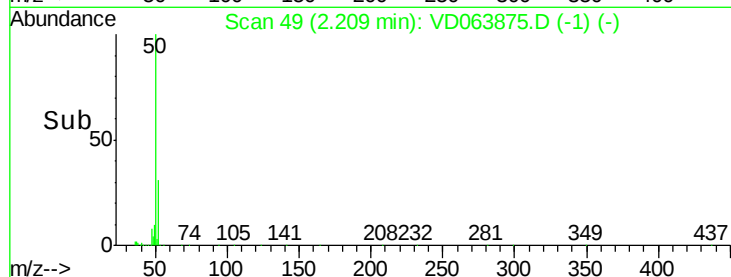
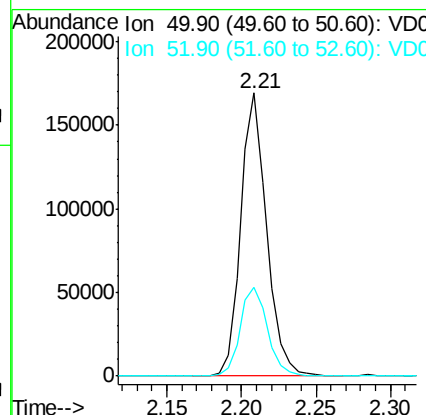
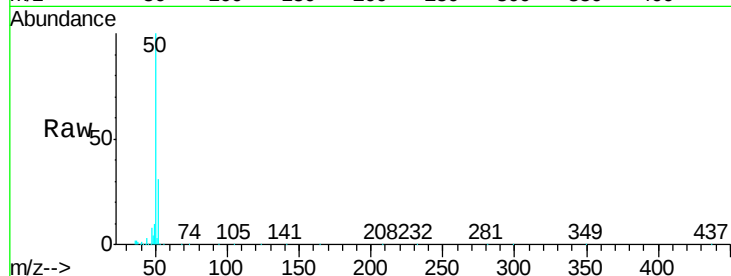




#3
Chloromethane
Concen: 52.590 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

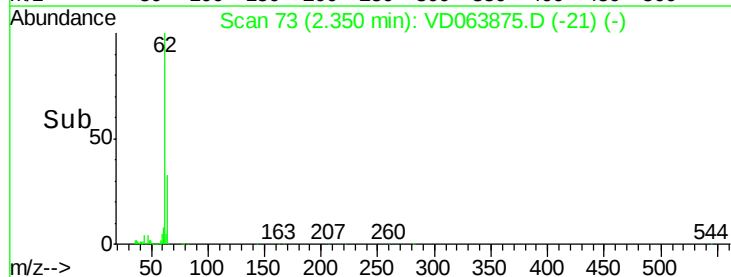
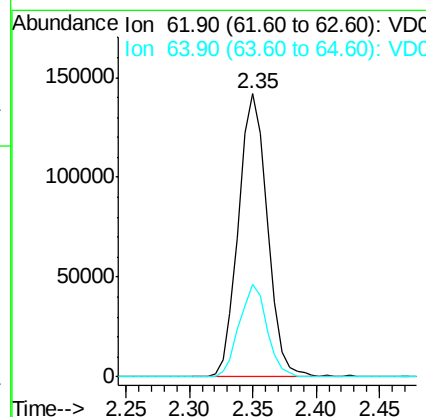
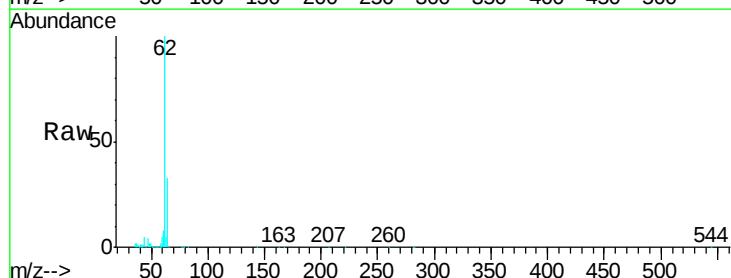
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

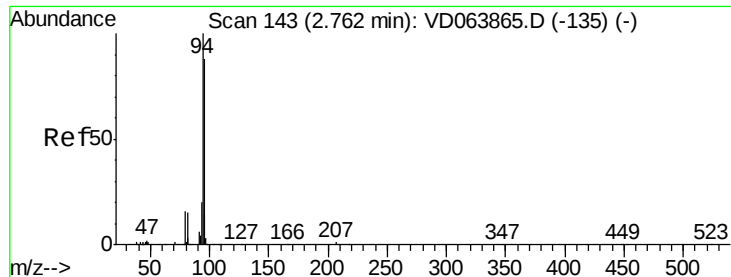
Tgt Ion: 50 Resp: 205092
Ion Ratio Lower Upper
50 100
52 31.2 27.5 41.3



#4
Vinyl Chloride
Concen: 47.824 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 62 Resp: 224122
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5

Bromomethane

Concen: 43.669 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

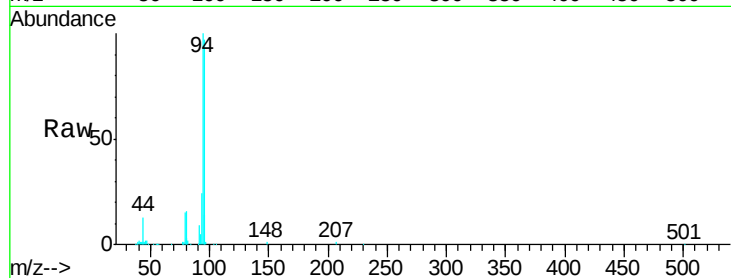
VSTDCCC050

Tgt Ion: 94 Resp: 131569

Ion Ratio Lower Upper

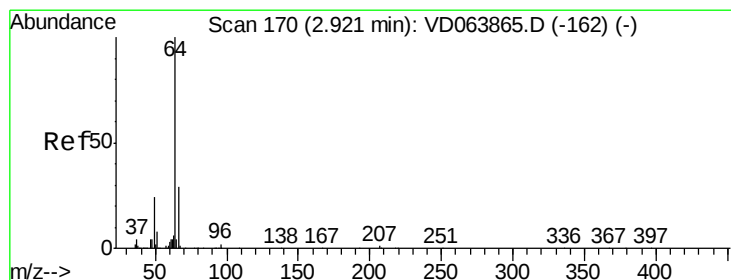
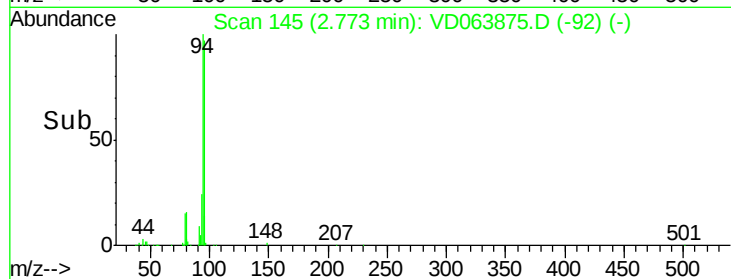
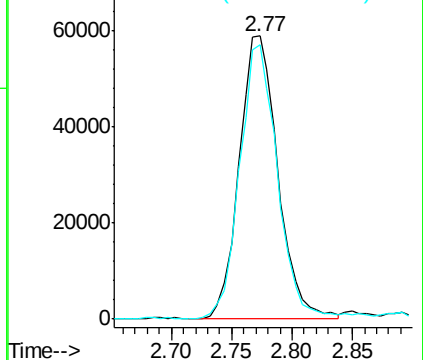
94 100

96 96.7 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.403 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD063875.D

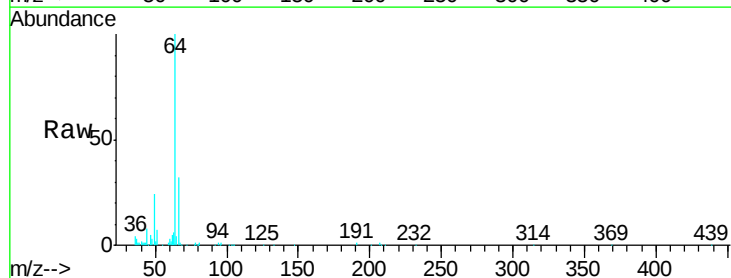
Acq: 03 Oct 2019 14:53

Tgt Ion: 64 Resp: 143815

Ion Ratio Lower Upper

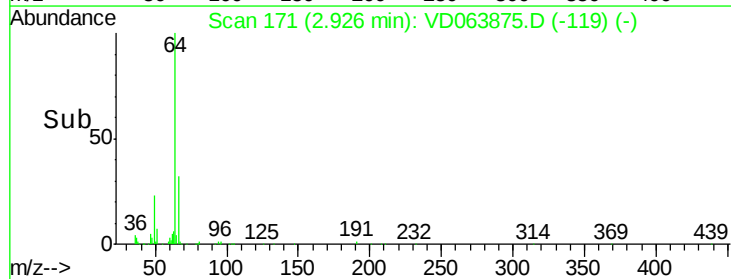
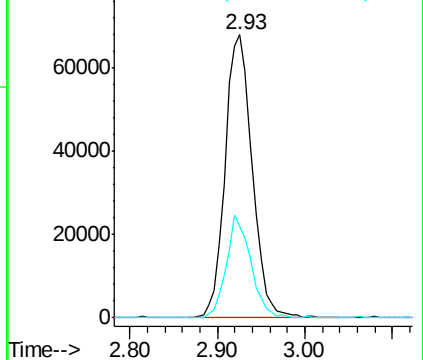
64 100

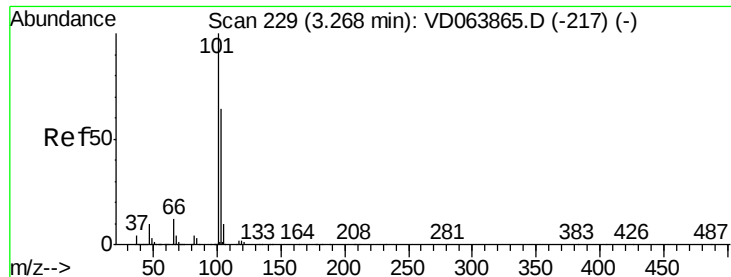
66 32.1 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



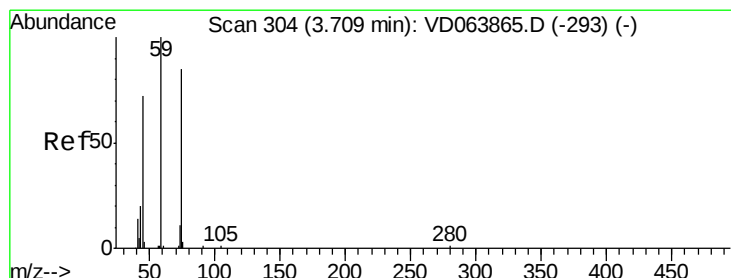
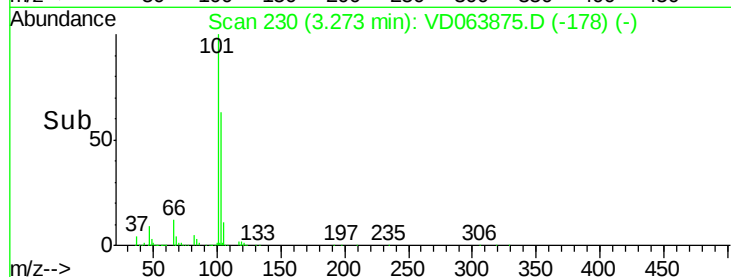
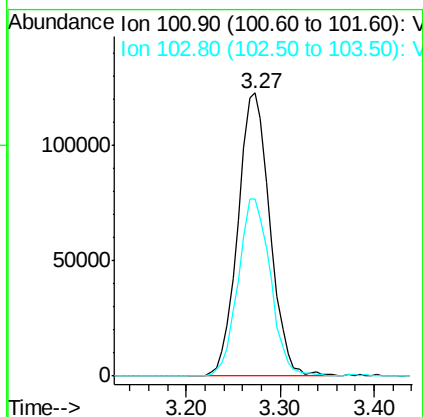
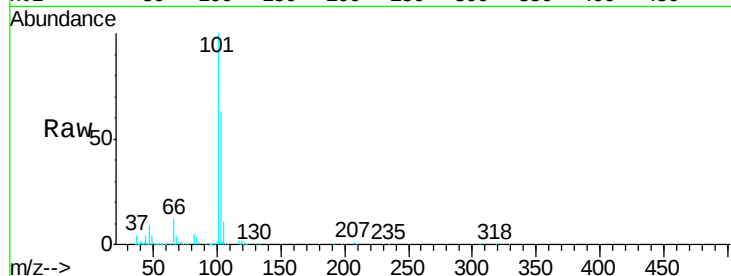


#7

Trichlorofluoromethane
 Concen: 46.708 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Instrument :
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 VSTDCCC050

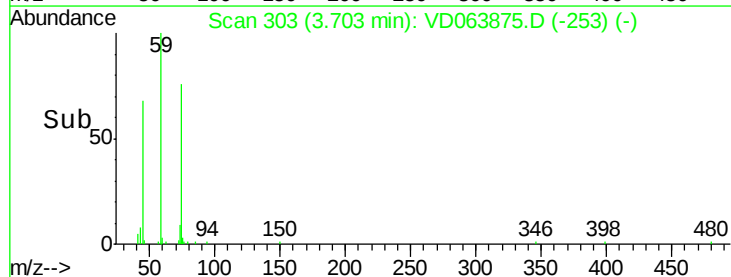
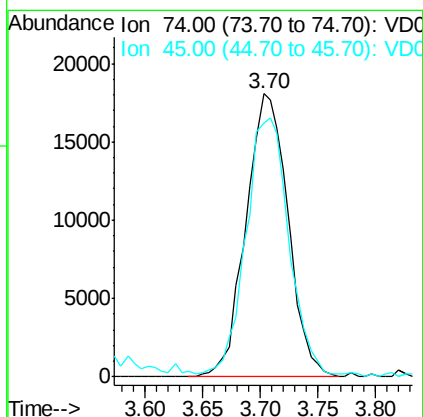
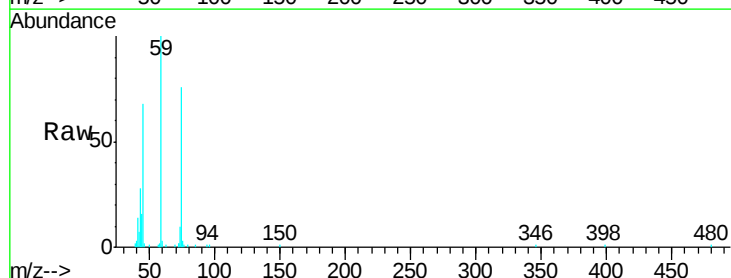
Tgt Ion:101 Resp: 289409
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.1 76.7

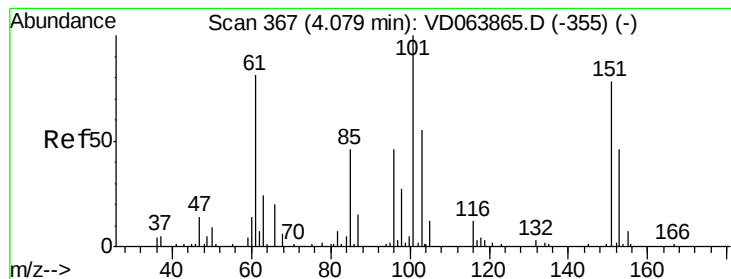


#8

Diethyl Ether
 Concen: 46.056 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 74 Resp: 45804
 Ion Ratio Lower Upper
 74 100
 45 91.3 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.015 ug/l

RT: 4.08 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

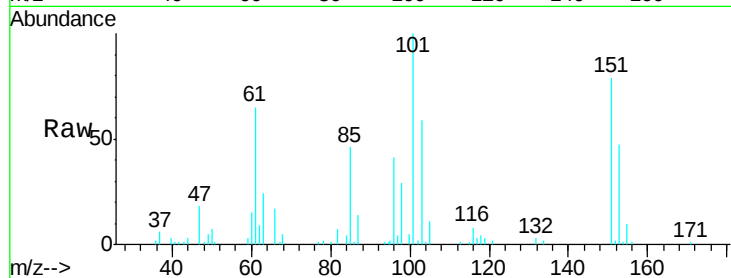
Tgt Ion:101 Resp: 82353

Ion Ratio Lower Upper

101 100

85 46.1 37.5 56.3

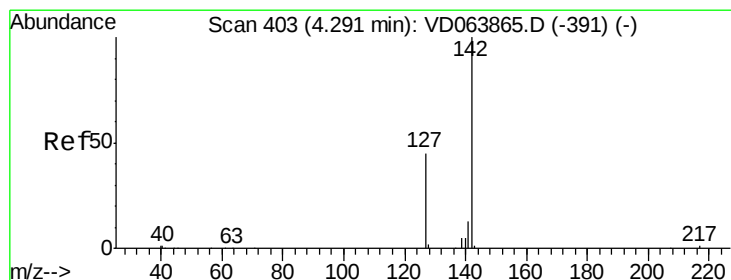
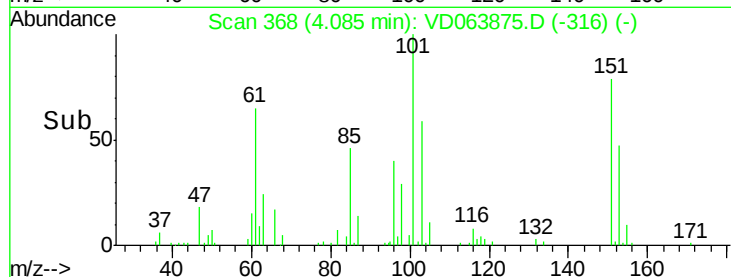
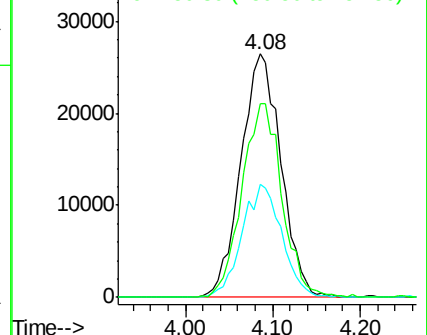
151 79.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.918 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

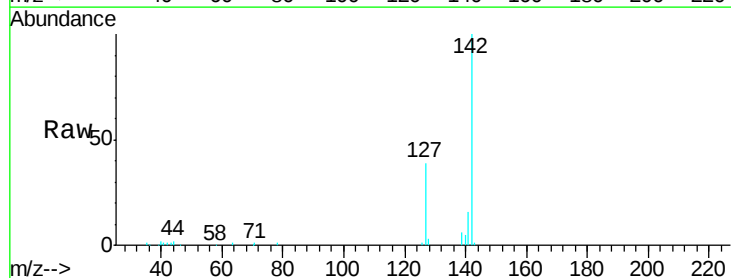
Tgt Ion:142 Resp: 115611

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

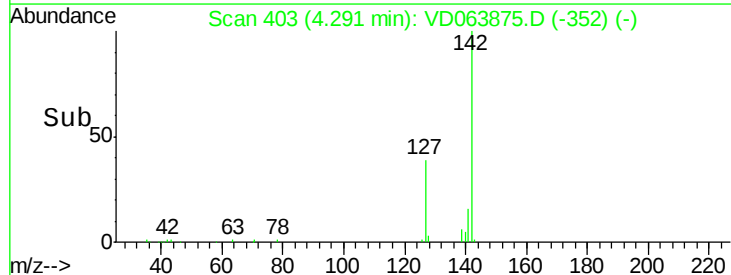
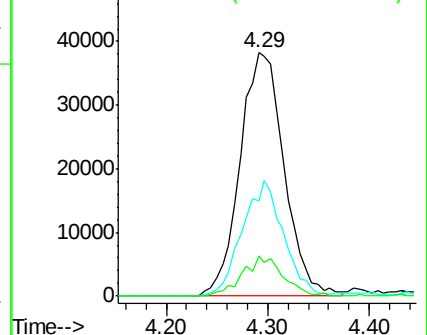
141 15.0 12.2 18.2

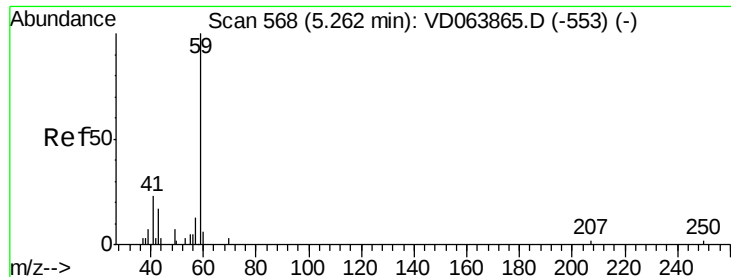


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



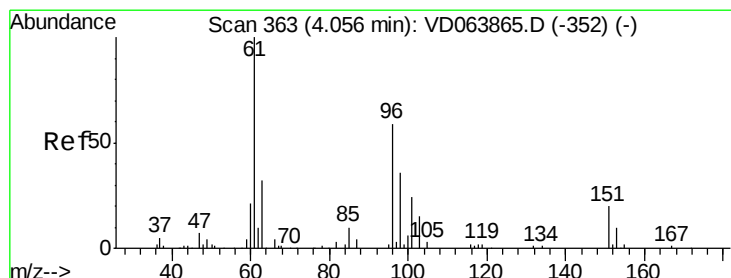
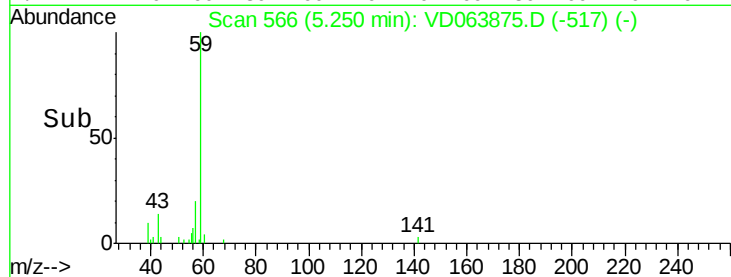
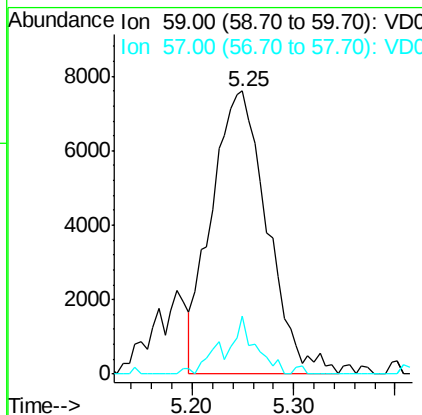
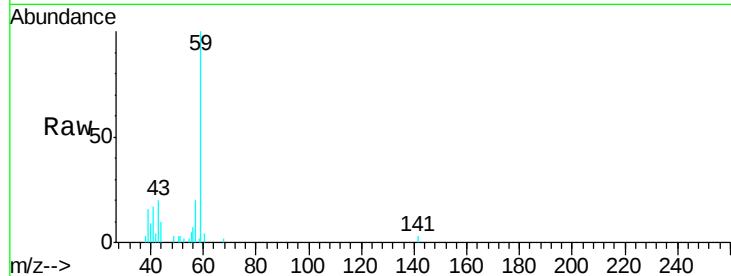


#11

Tert butyl alcohol
 Concen: 207.949 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

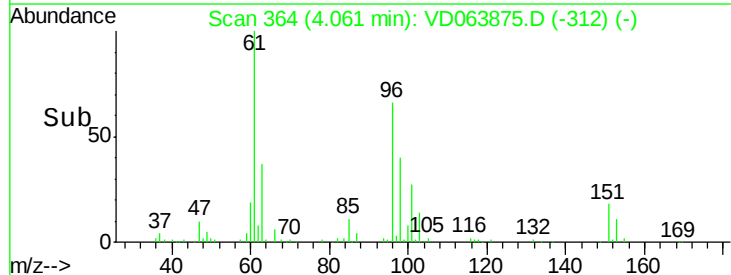
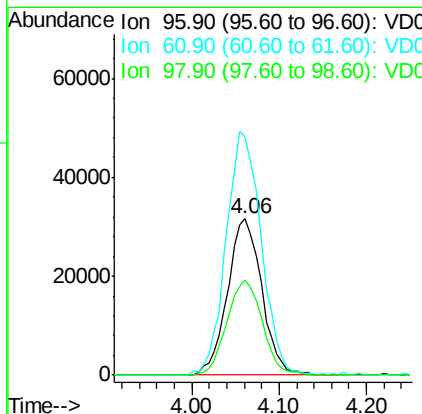
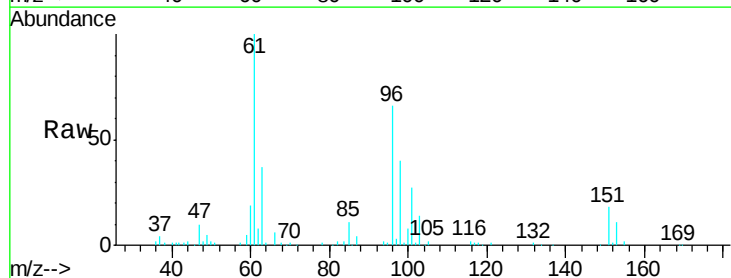
Tgt Ion: 59 Resp: 28944
 Ion Ratio Lower Upper
 59 100
 57 7.9 8.8 13.2#

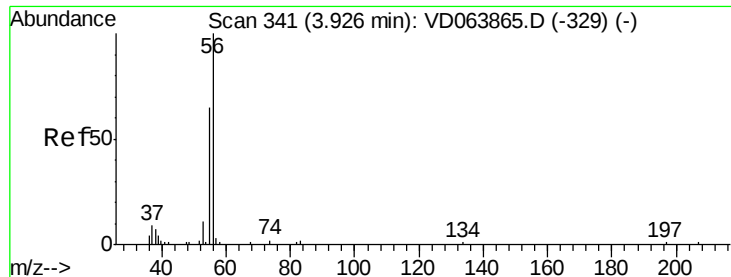


#12

1,1-Dichloroethene
 Concen: 49.136 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 96 Resp: 84197
 Ion Ratio Lower Upper
 96 100
 61 152.6 135.6 203.4
 98 61.3 49.2 73.8





#13

Acrolein

Concen: 228.705 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

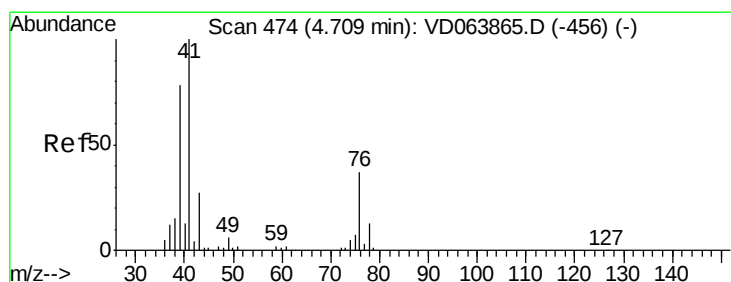
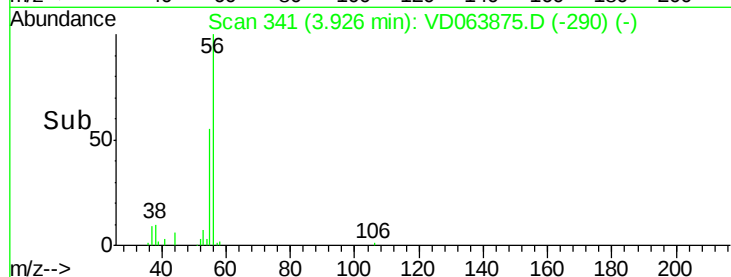
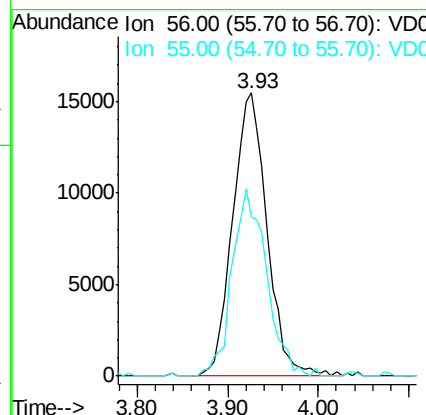
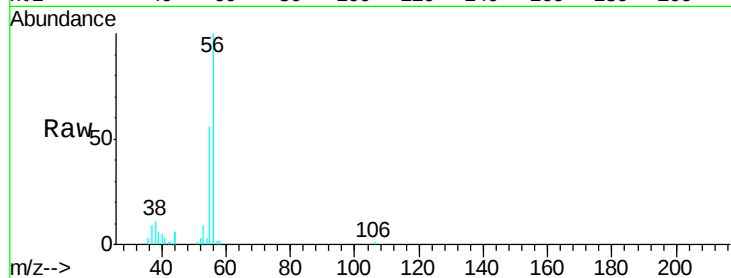
VSTDCCC050

Tgt Ion: 56 Resp: 40661

Ion Ratio Lower Upper

56 100

55 66.0 53.0 79.6



#14

Allyl chloride

Concen: 45.808 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

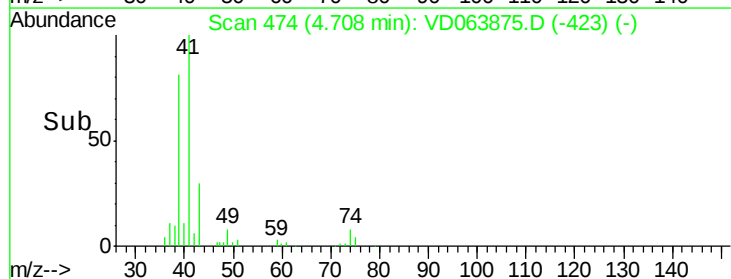
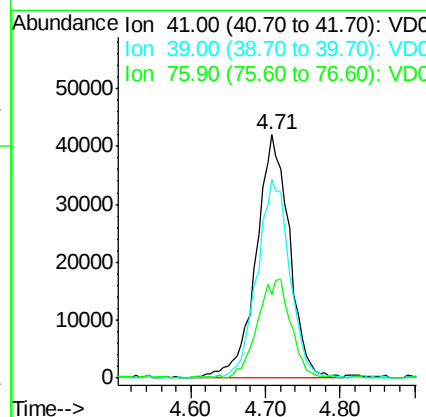
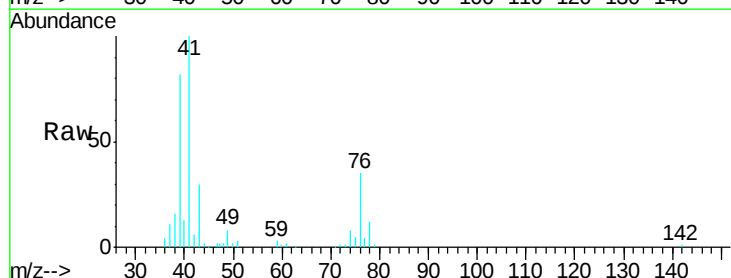
Tgt Ion: 41 Resp: 130504

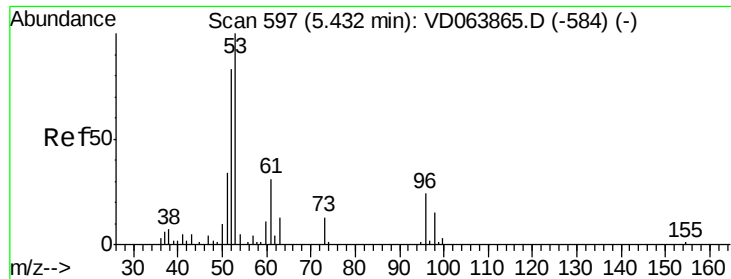
Ion Ratio Lower Upper

41 100

39 80.2 61.8 92.6

76 40.4 31.3 46.9





#15

Acrylonitrile

Concen: 225.530 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

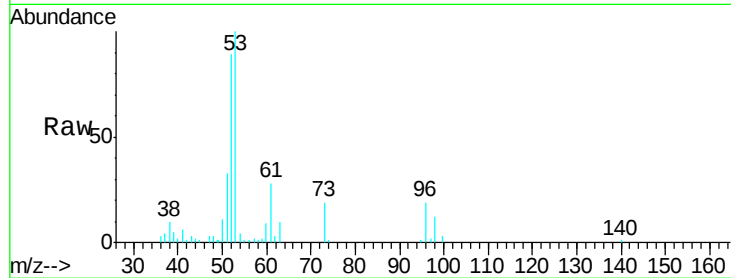
Tgt Ion: 53 Resp: 98888

Ion Ratio Lower Upper

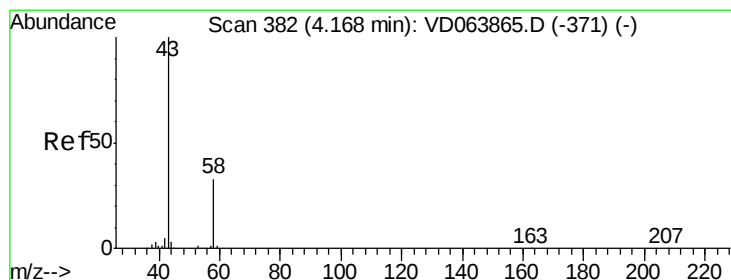
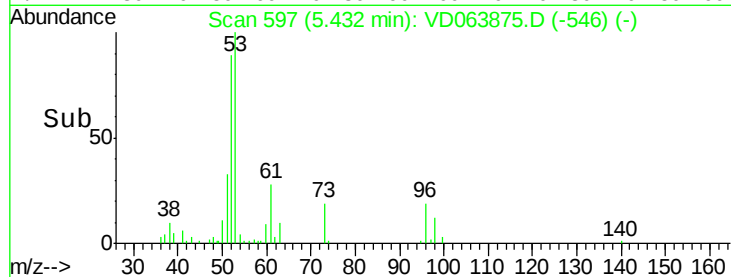
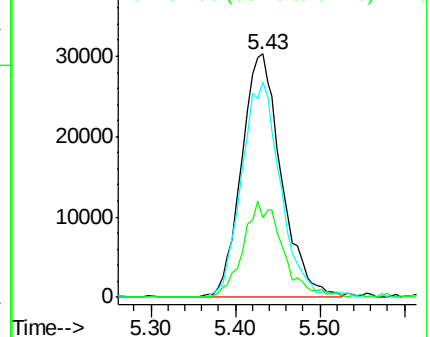
53 100

52 86.5 67.3 100.9

51 39.1 30.5 45.7



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: 222.975 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063875.D

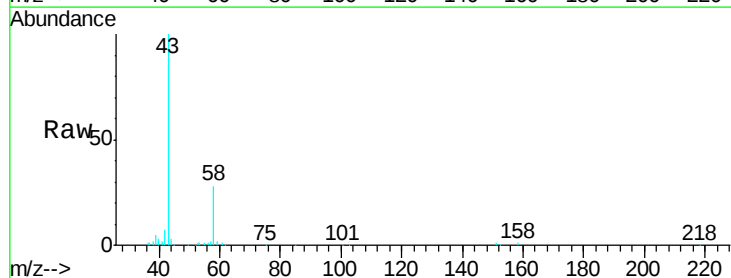
Acq: 03 Oct 2019 14:53

Tgt Ion: 43 Resp: 115559

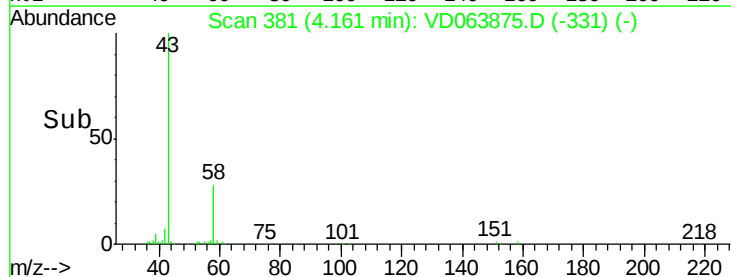
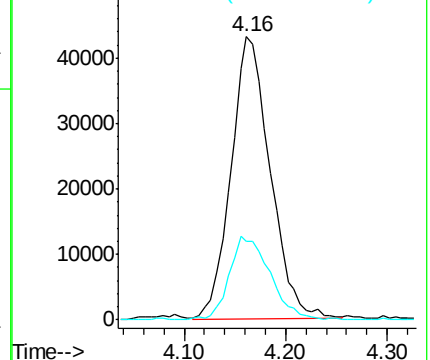
Ion Ratio Lower Upper

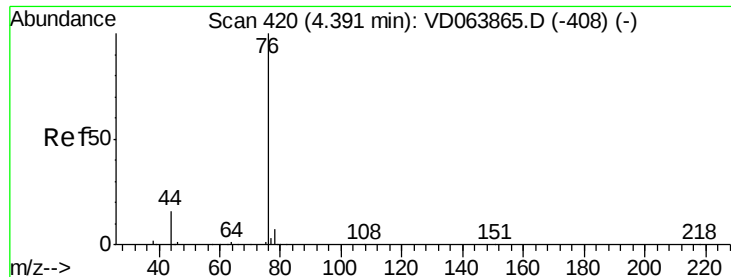
43 100

58 27.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

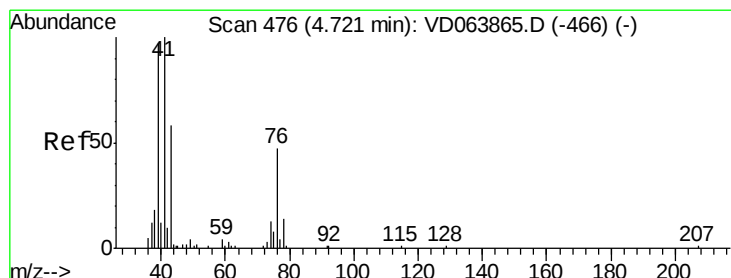
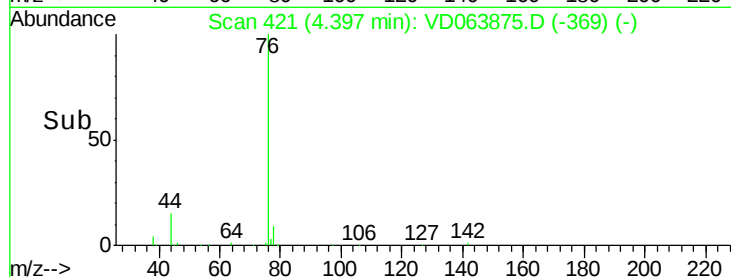
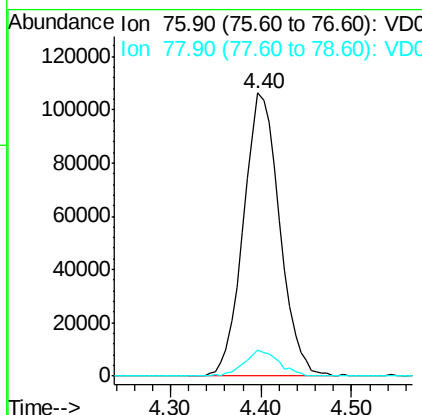
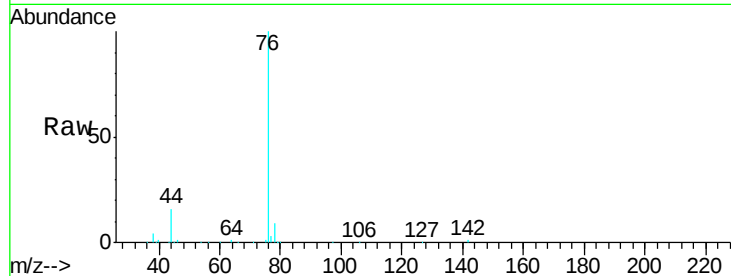




#17
Carbon Disulfide
Concen: 47.316 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

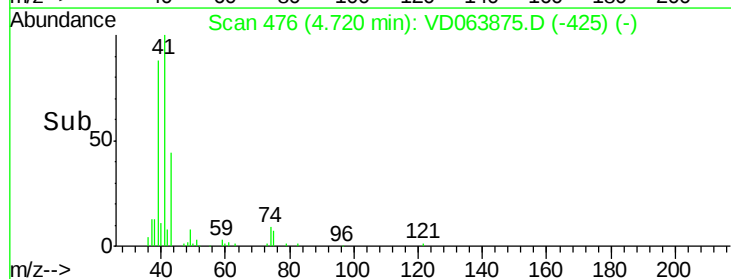
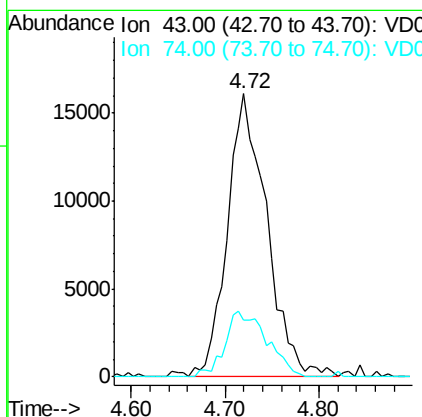
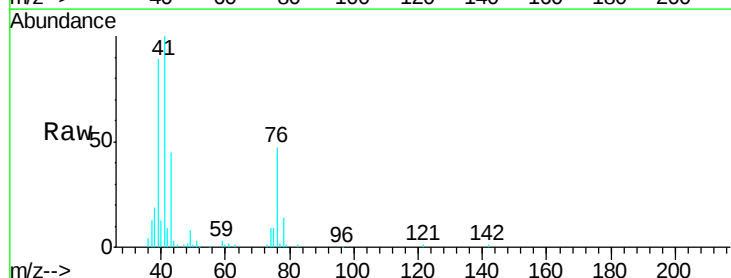
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

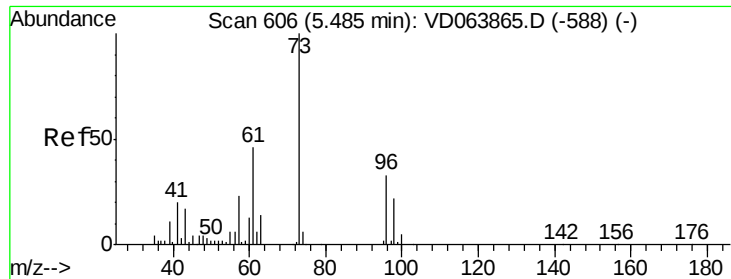
Tgt Ion: 76 Resp: 294732
Ion Ratio Lower Upper
76 100
78 9.4 5.8 8.8#



#18
Methyl Acetate
Concen: 46.143 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 43 Resp: 46773
Ion Ratio Lower Upper
43 100
74 24.8 20.8 31.2

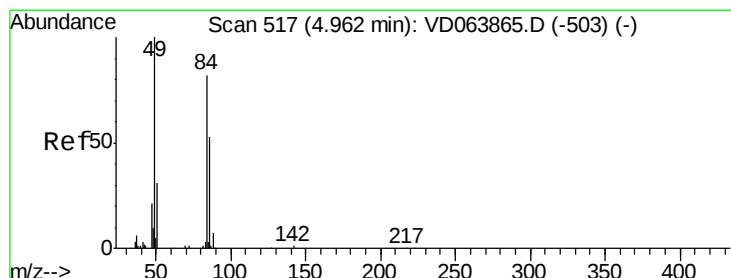
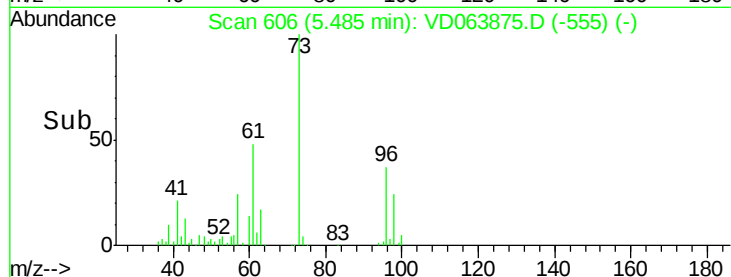
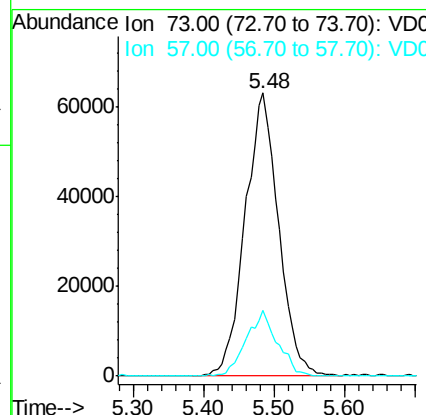
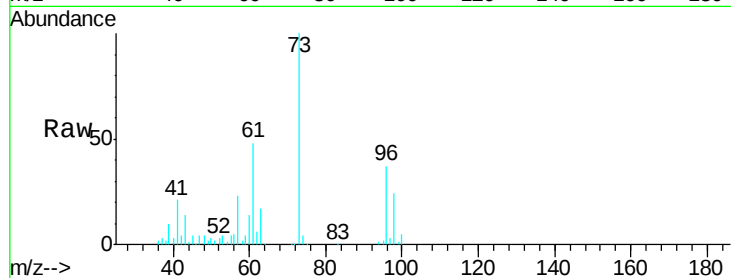




#19
Methyl tert-butyl Ether
Concen: 47.039 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

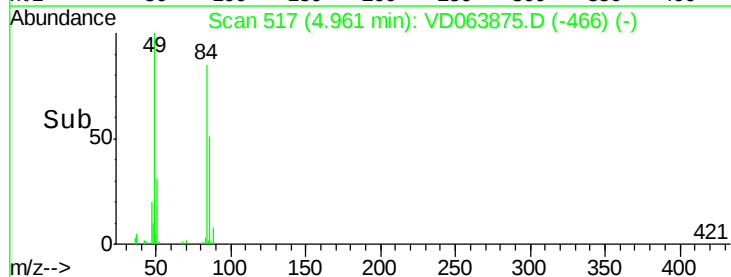
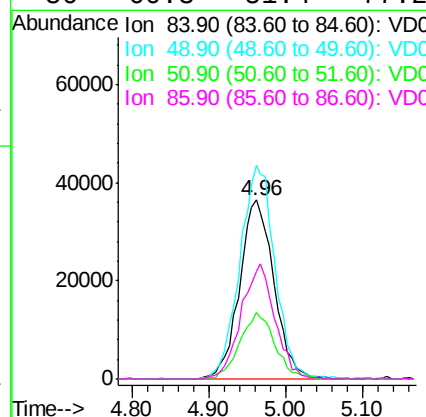
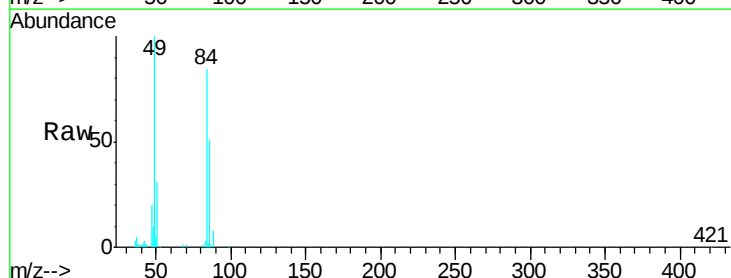
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

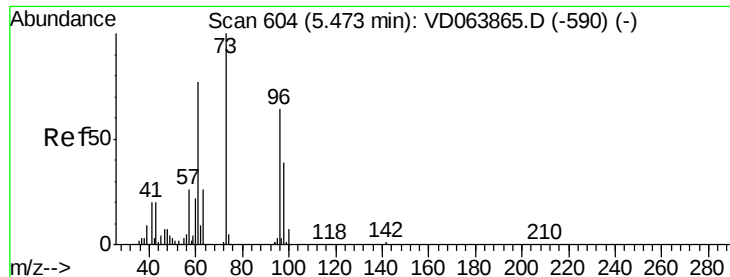
Tgt Ion: 73 Resp: 208726
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1



#20
Methylene Chloride
Concen: 49.493 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 84 Resp: 113883
Ion Ratio Lower Upper
84 100
49 119.3 97.3 145.9
51 37.1 30.1 45.1
86 60.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.370 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

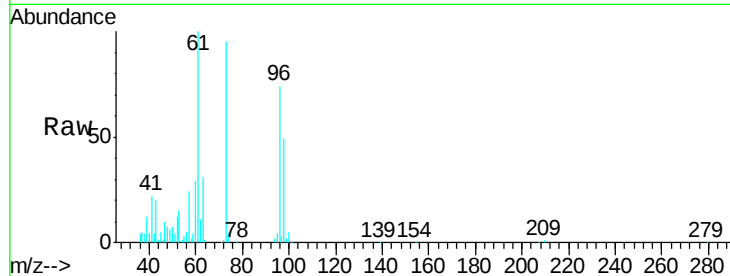
Tgt Ion: 96 Resp: 103182

Ion Ratio Lower Upper

96 100

61 135.0 96.6 145.0

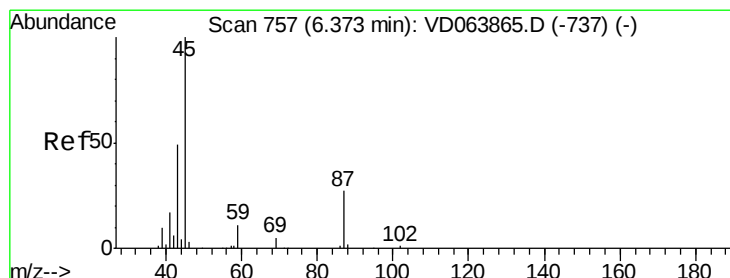
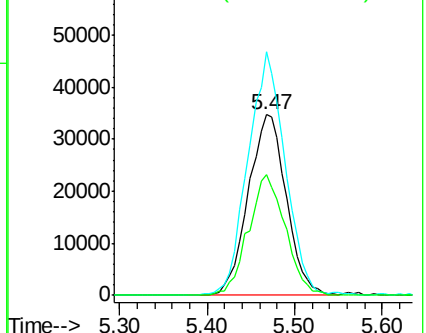
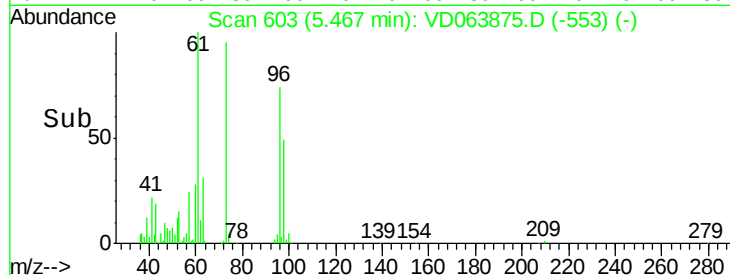
98 66.7 48.7 73.1



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 49.378 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Tgt Ion: 45 Resp: 287299

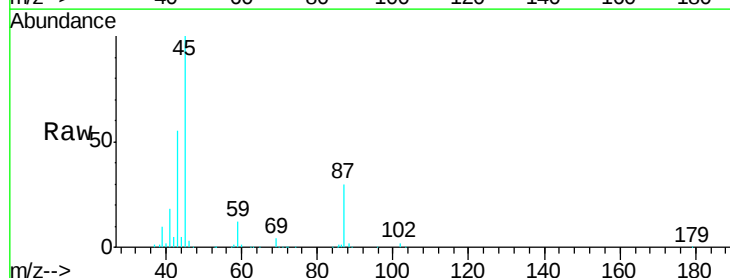
Ion Ratio Lower Upper

45 100

43 54.2 41.2 61.8

87 29.9 22.2 33.4

59 11.2 9.2 13.8

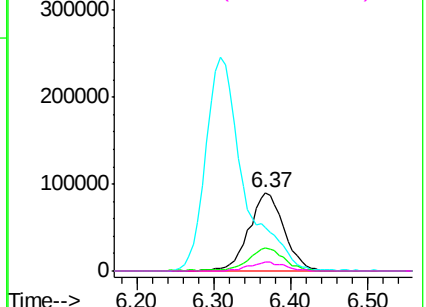
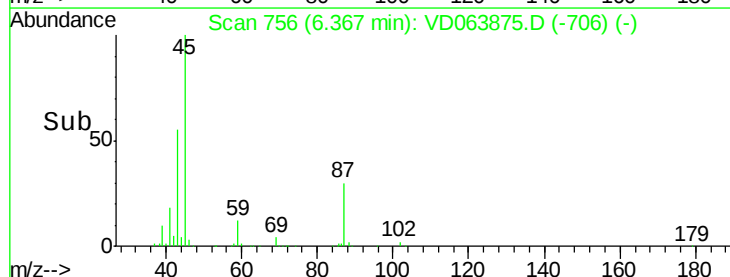


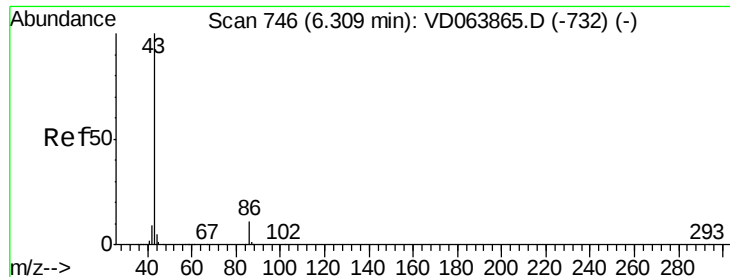
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 241.660 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

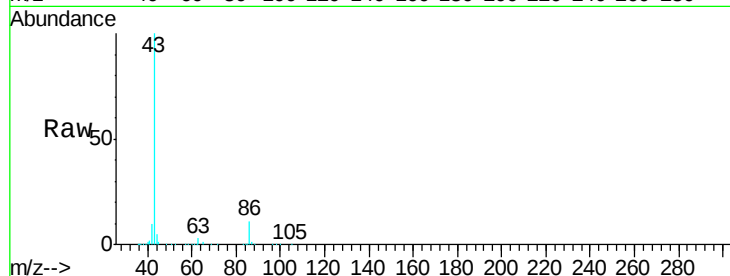
VSTDCCC050

Tgt Ion: 43 Resp: 836452

Ion Ratio Lower Upper

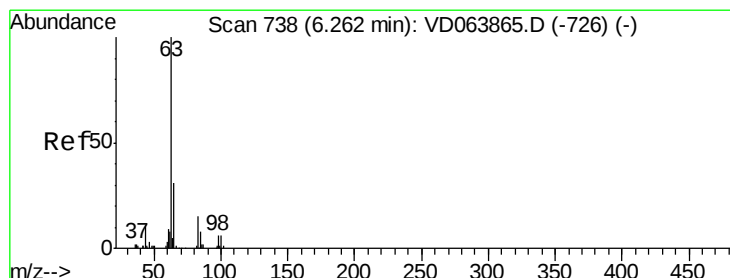
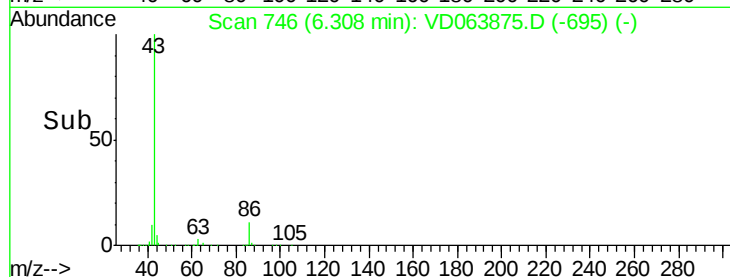
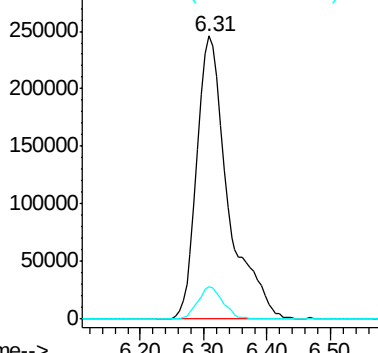
43 100

86 11.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.266 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

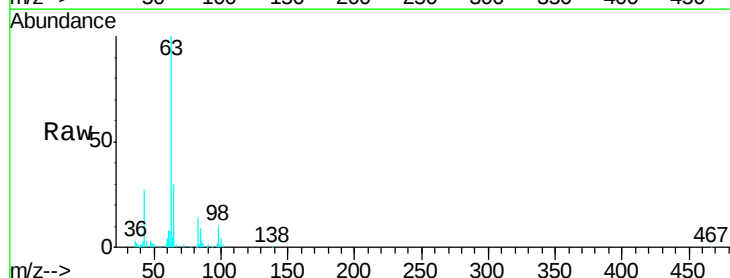
Tgt Ion: 63 Resp: 176563

Ion Ratio Lower Upper

63 100

98 9.8 3.1 9.4#

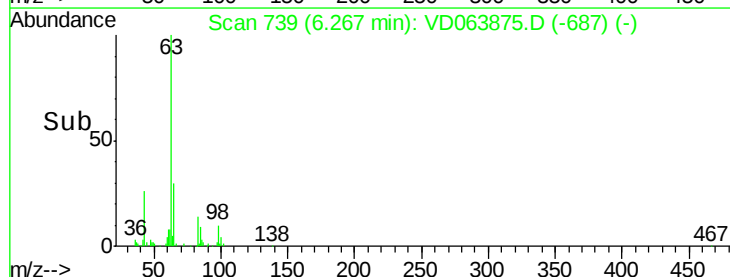
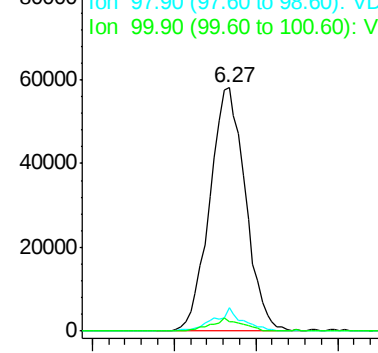
100 3.6 3.0 9.2

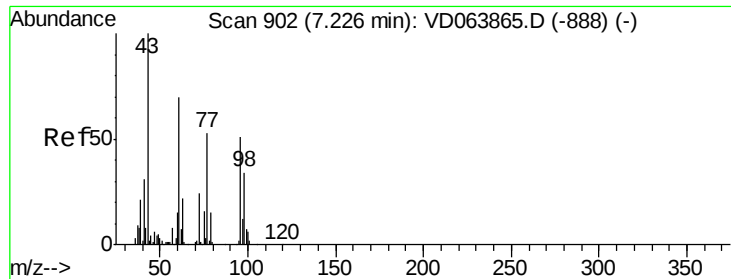


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 230.664 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

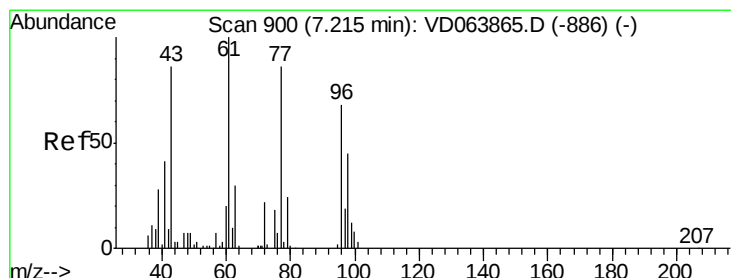
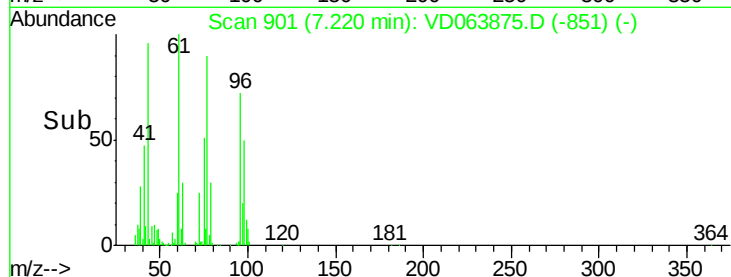
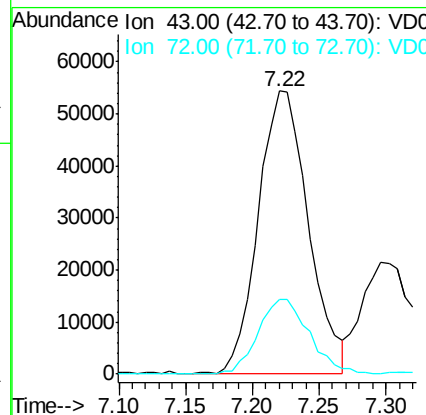
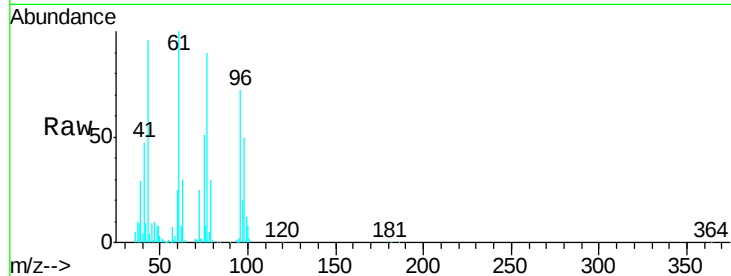
VSTDCCC050

Tgt Ion: 43 Resp: 141672

Ion Ratio Lower Upper

43 100

72 26.3 19.2 28.8



#26

2,2-Dichloropropane

Concen: 48.642 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD063875.D

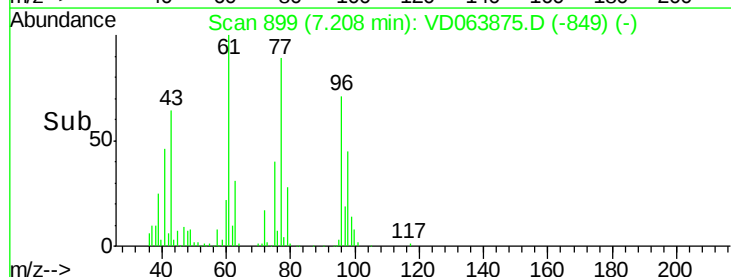
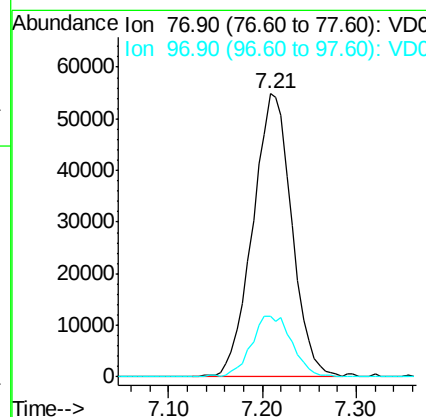
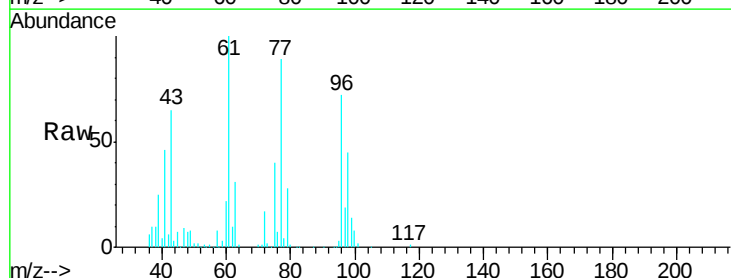
Acq: 03 Oct 2019 14:53

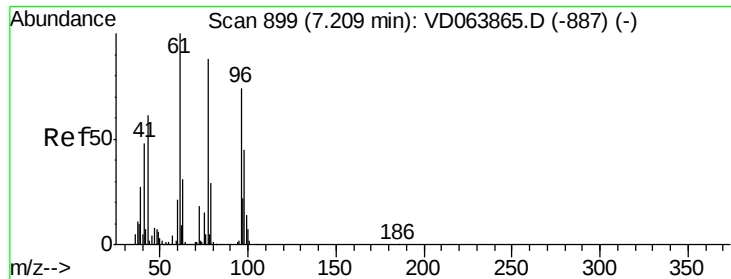
Tgt Ion: 77 Resp: 157694

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1

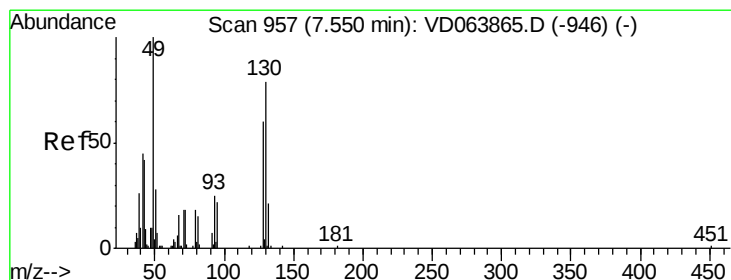
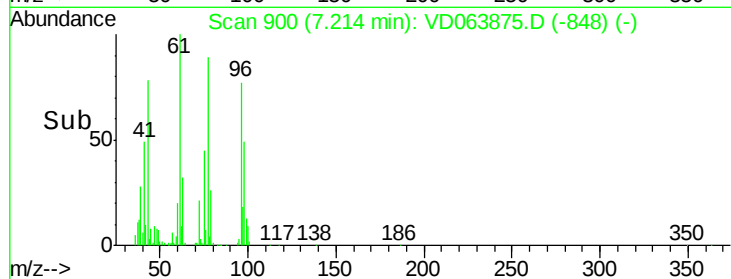
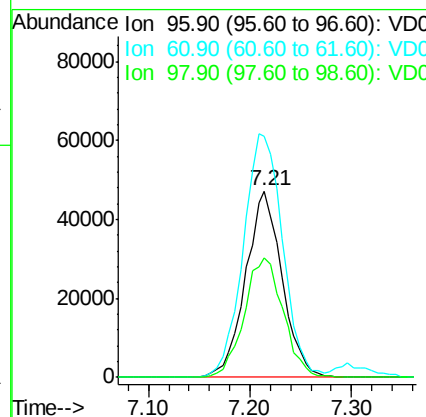
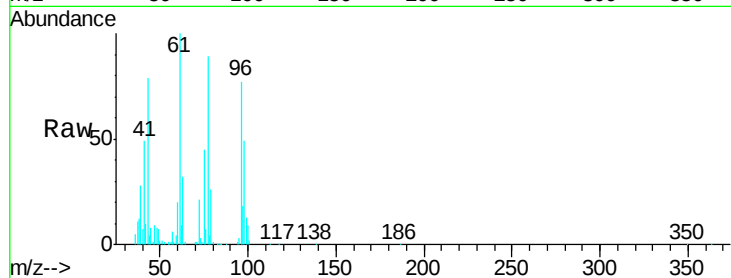




#27
 cis-1,2-Dichloroethene
 Concen: 48.888 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

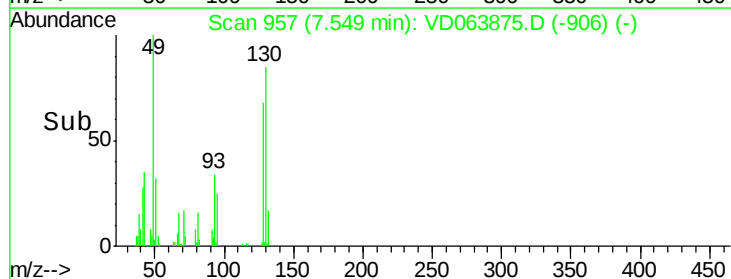
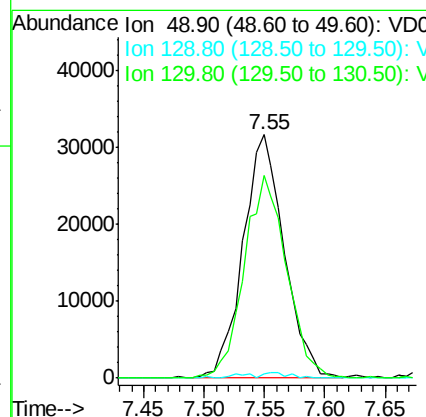
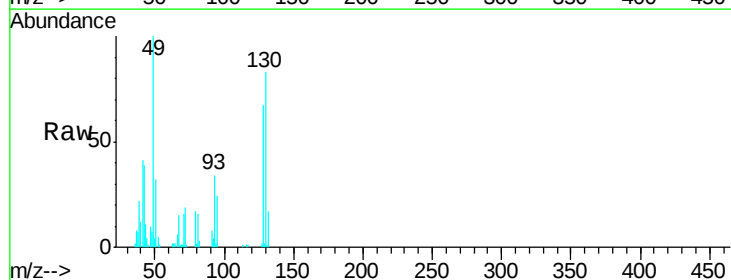
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

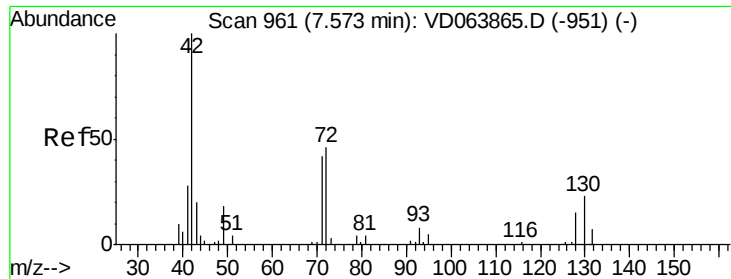
Tgt Ion: 96 Resp: 118039
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 280.0
 98 68.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 54.823 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 49 Resp: 74954
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 5.6
 130 85.2 66.8 100.2

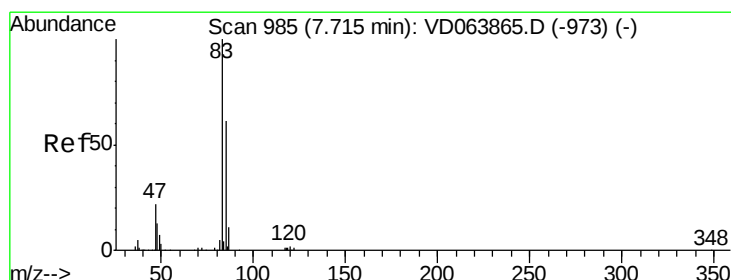
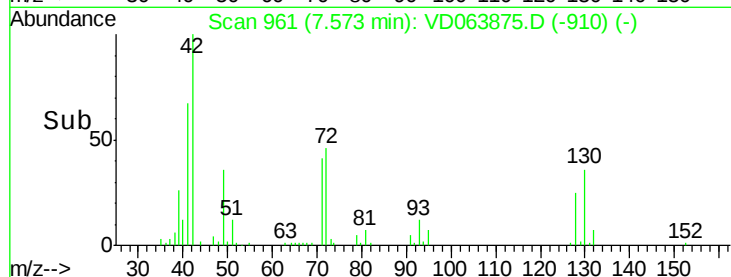
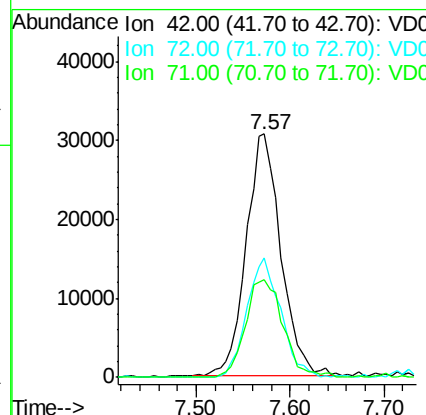
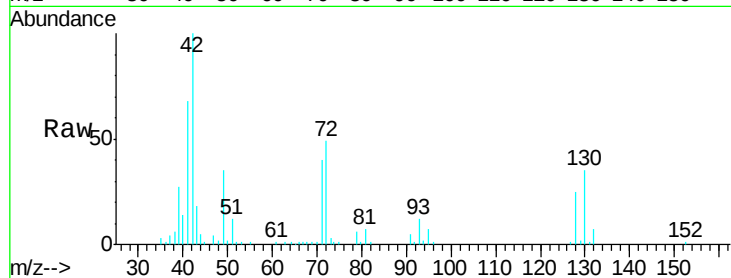




#29
Tetrahydrofuran
Concen: 219.265 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

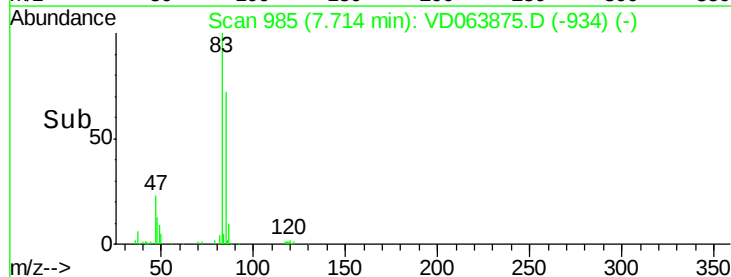
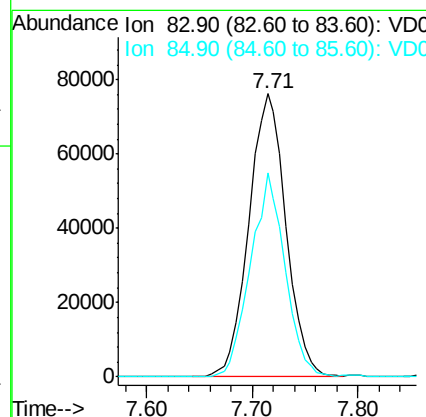
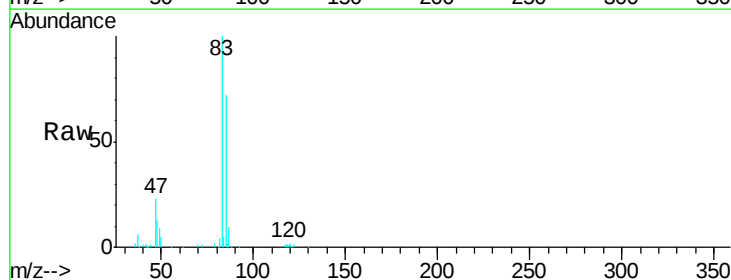
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

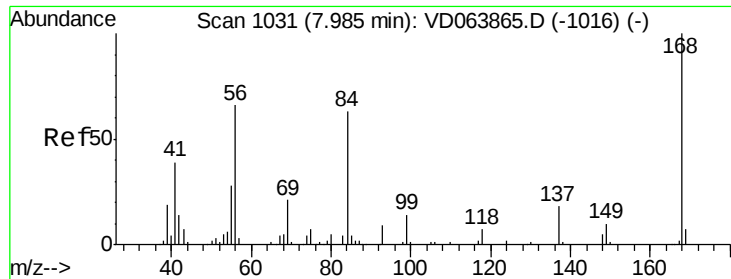
Tgt Ion: 42 Resp: 78605
Ion Ratio Lower Upper
42 100
72 47.9 37.6 56.4
71 43.6 35.0 52.6



#30
Chloroform
Concen: 47.851 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 83 Resp: 186260
Ion Ratio Lower Upper
83 100
85 72.0 48.9 73.3

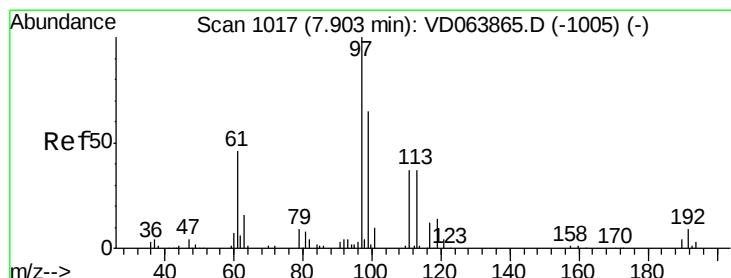
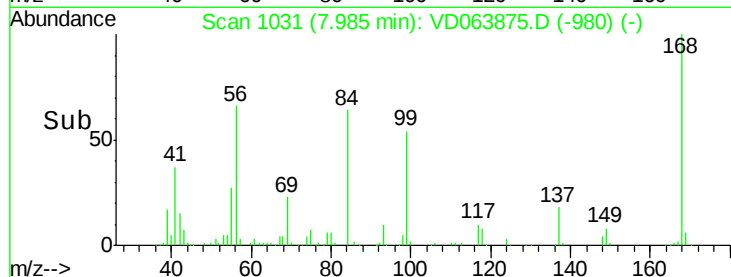
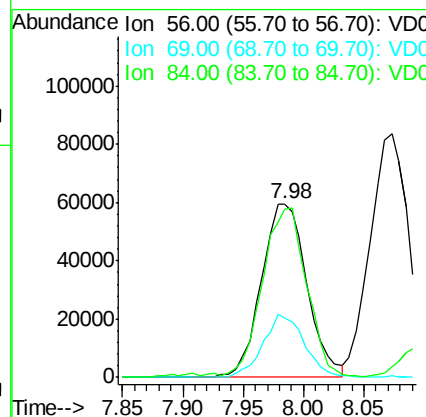
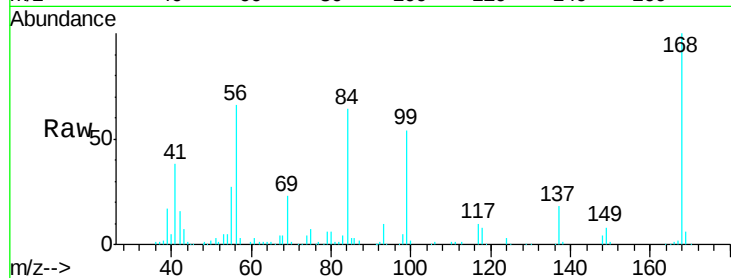




#31
Cyclohexane
Concen: 52.929 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

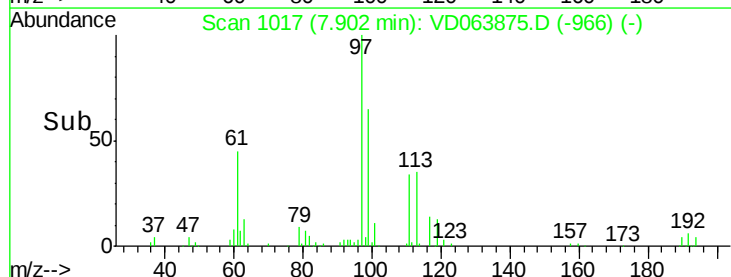
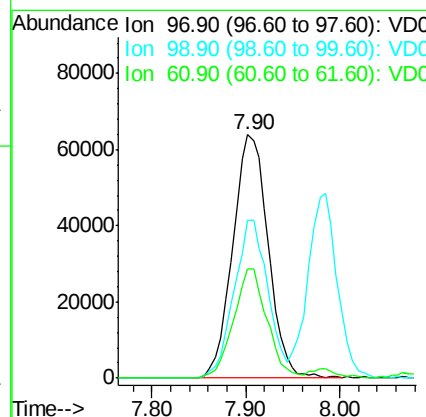
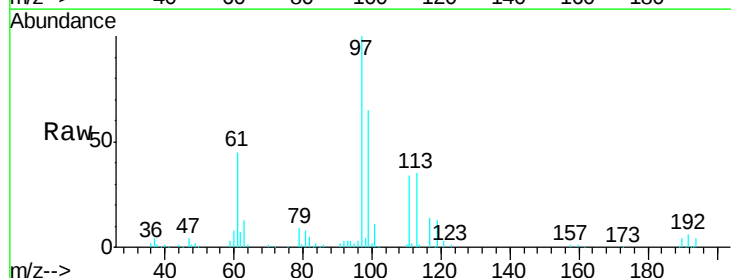
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

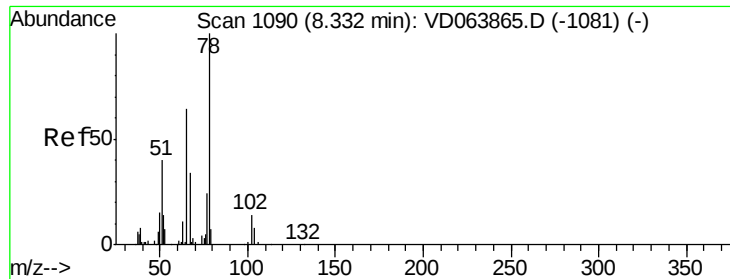
Tgt Ion: 56 Resp: 156140
Ion Ratio Lower Upper
56 100
69 33.6 25.0 37.4
84 95.2 76.3 114.5



#32
1,1,1-Trichloroethane
Concen: 49.974 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 97 Resp: 166866
Ion Ratio Lower Upper
97 100
99 62.0 52.4 78.6
61 42.6 33.8 50.8

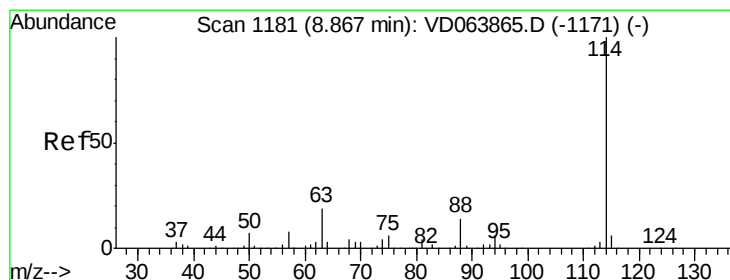
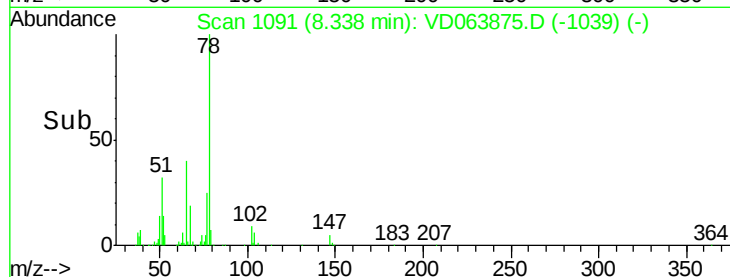
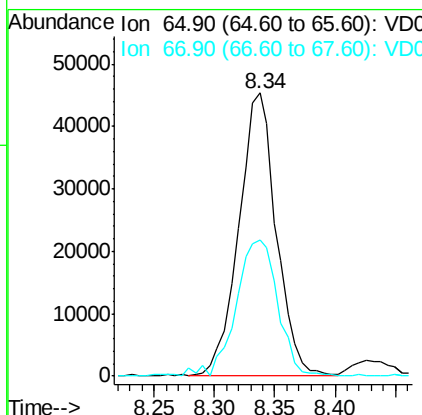
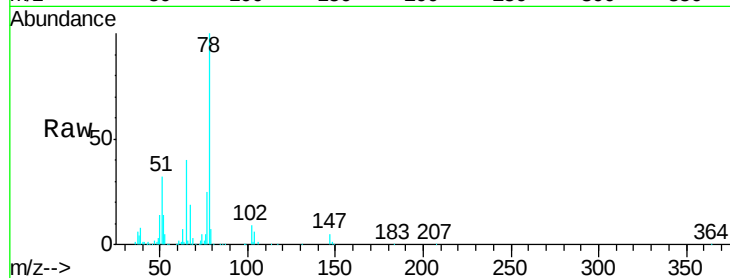




#33
 1,2-Dichloroethane-d4
 Concen: 49.451 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

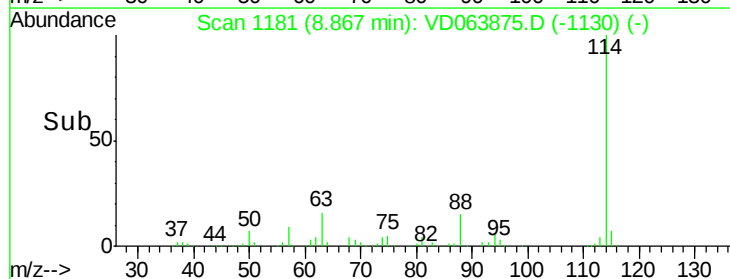
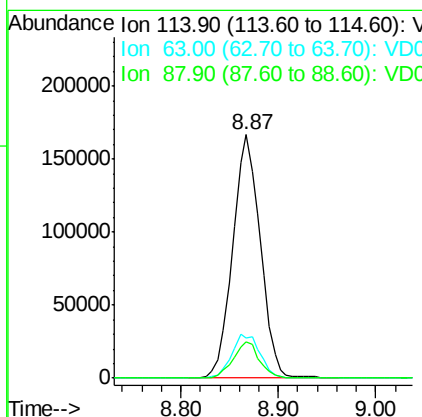
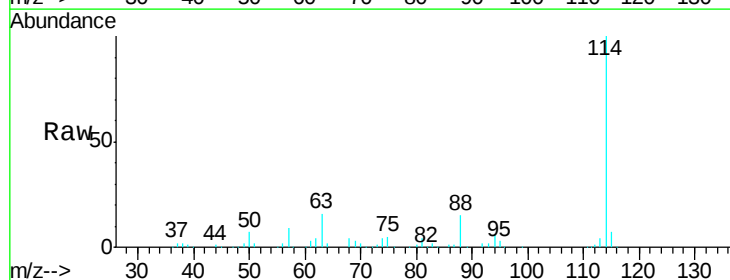
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

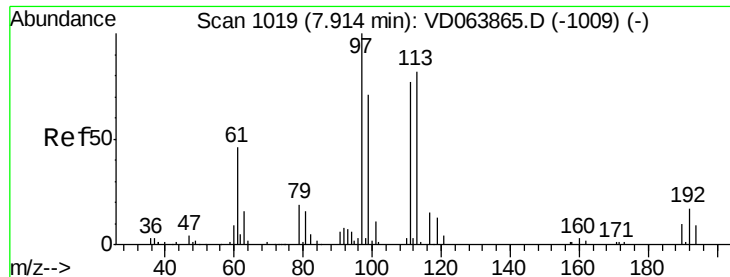
Tgt Ion: 65 Resp: 98437
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 114 Resp: 325870
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 38.4
 88 14.7 0.0 27.4

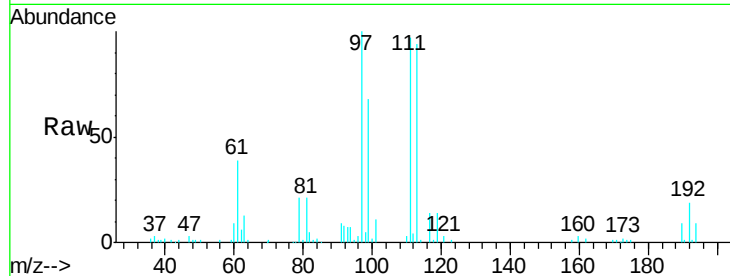




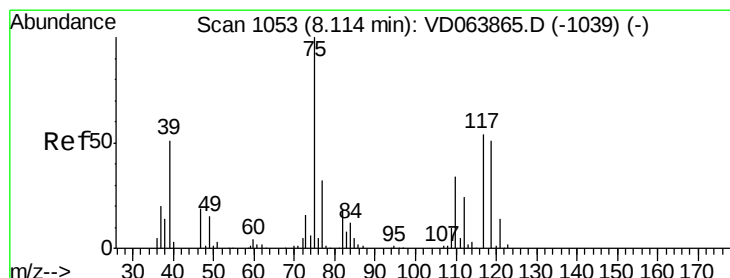
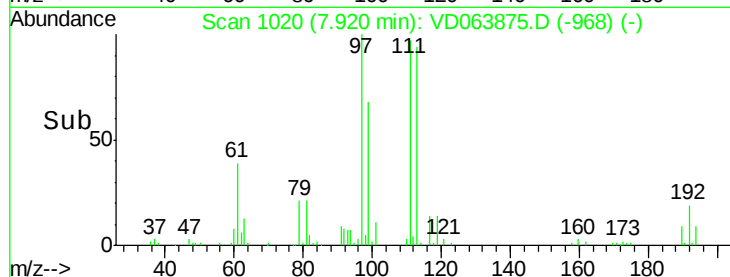
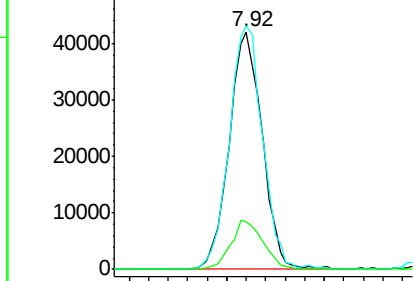
#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 113 Resp: 98411
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 20.3 17.1 25.7

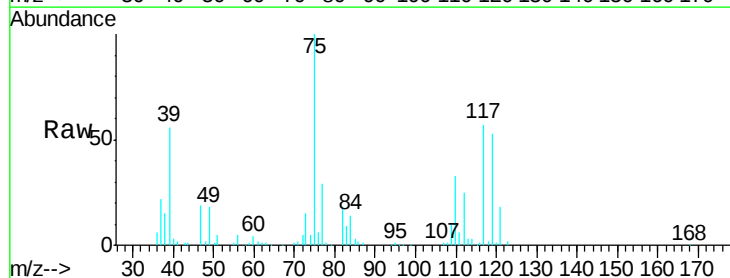


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

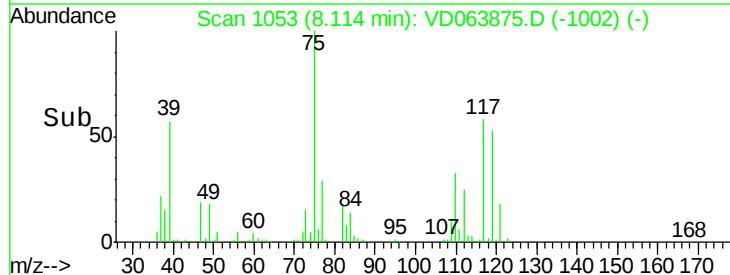
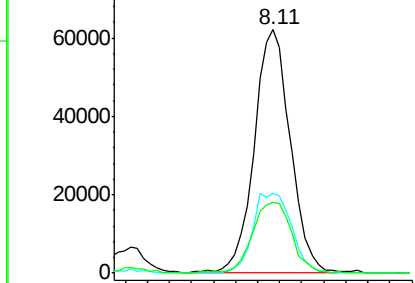


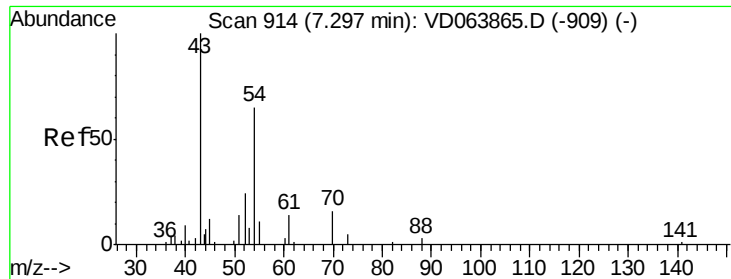
#36
1,1-Dichloropropene
Concen: 47.397 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 75 Resp: 141220
Ion Ratio Lower Upper
75 100
110 35.8 17.4 52.3
77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC

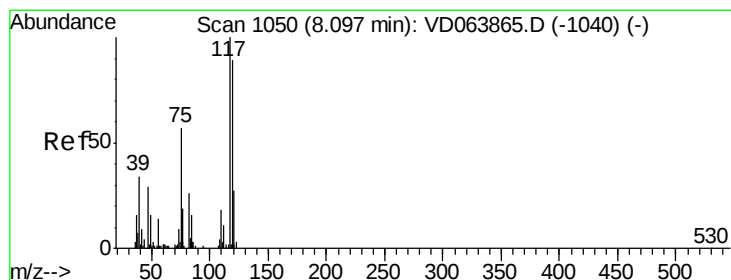
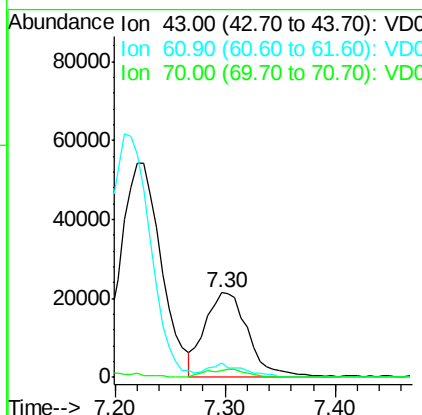
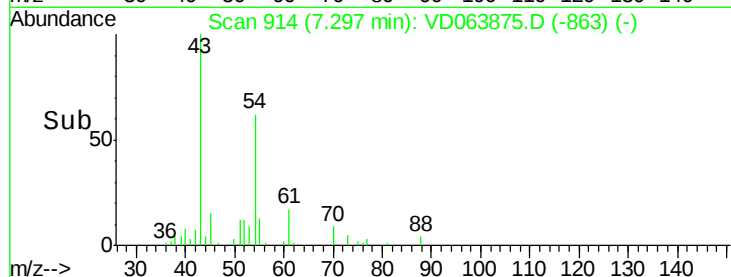
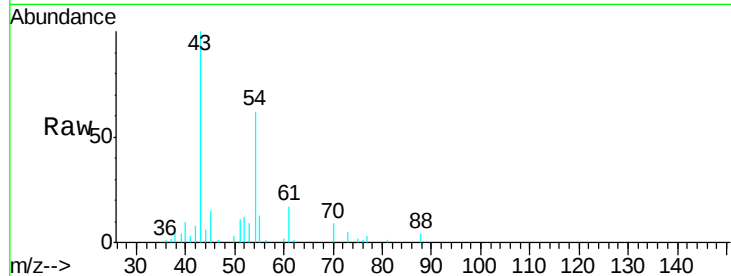




#37
 Ethyl Acetate
 Concen: 47.935 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

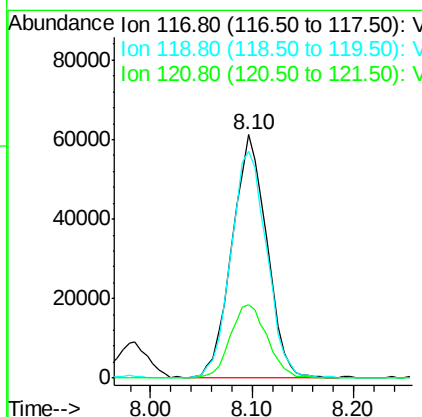
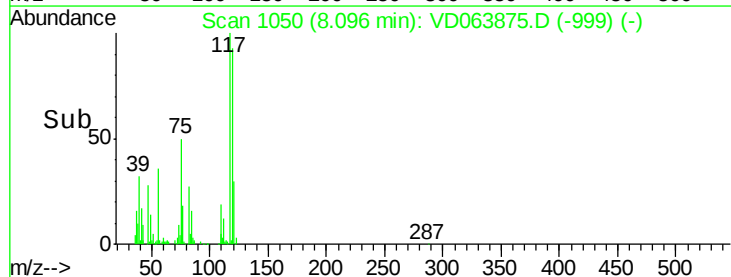
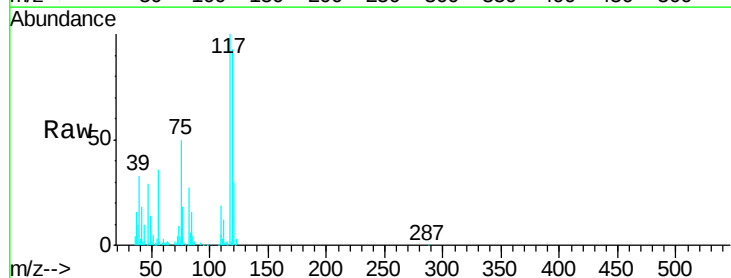
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

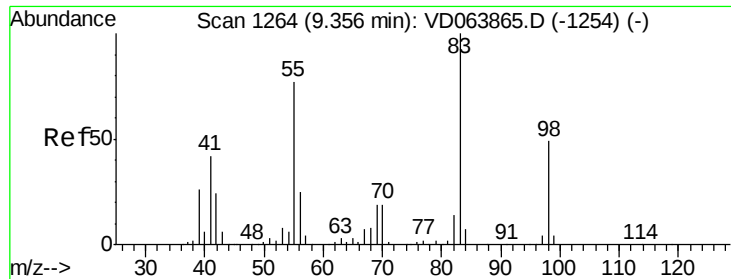
Tgt Ion: 43 Resp: 57467
 Ion Ratio Lower Upper
 43 100
 61 14.2 11.5 17.3
 70 9.0 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 48.531 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 117 Resp: 146123
 Ion Ratio Lower Upper
 117 100
 119 93.2 70.8 106.2
 121 30.1 21.4 32.0

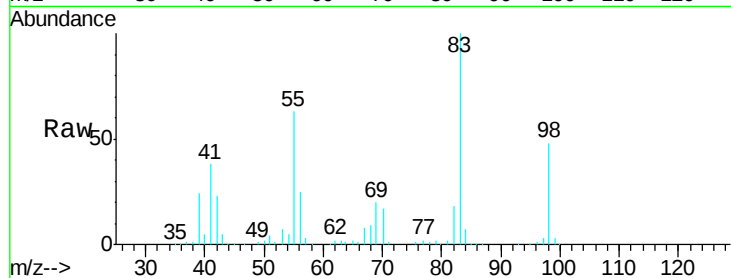




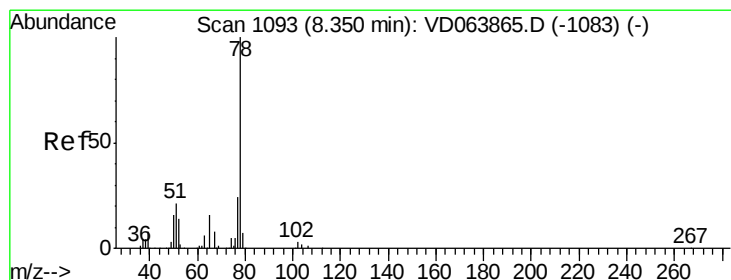
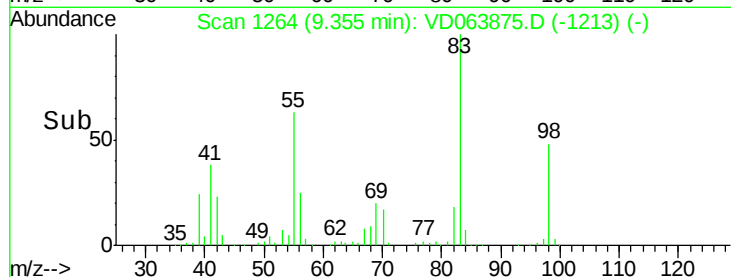
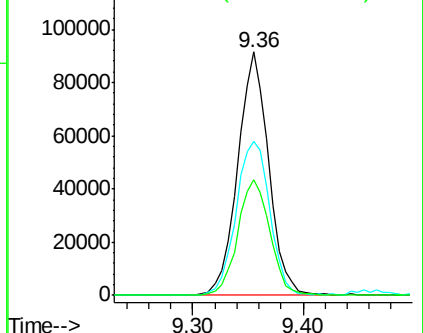
#39
Methylcyclohexane
Concen: 49.156 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 180080
Ion Ratio Lower Upper
83 100
55 63.4 61.3 91.9
98 47.5 39.3 58.9

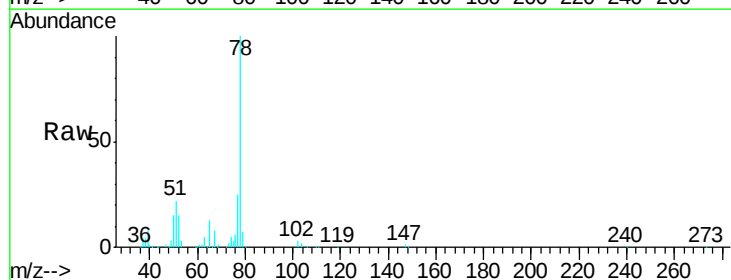


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

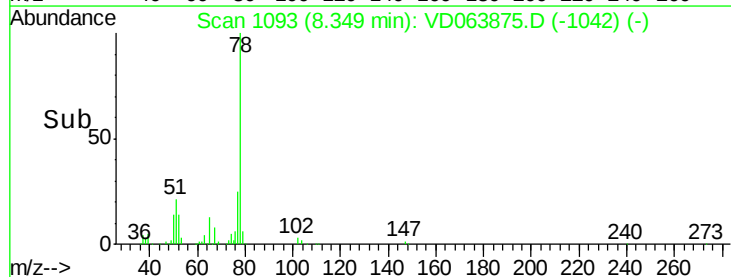
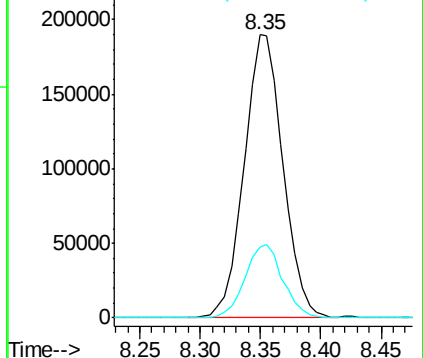


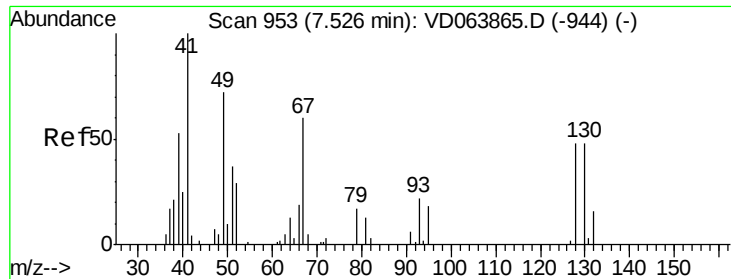
#40
Benzene
Concen: 49.792 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 78 Resp: 425145
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

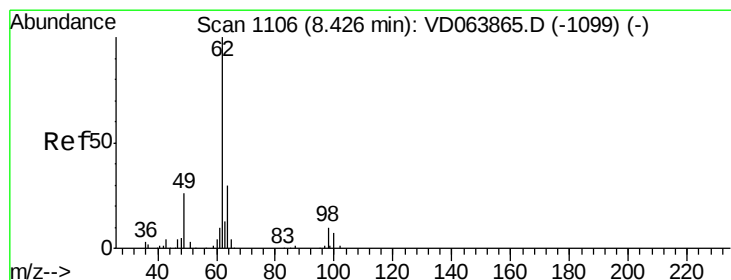
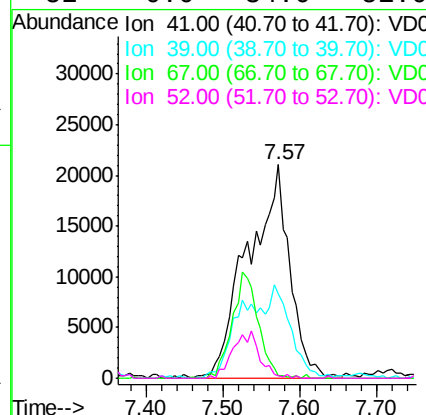
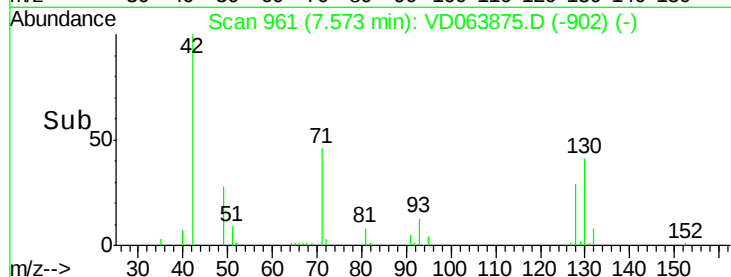
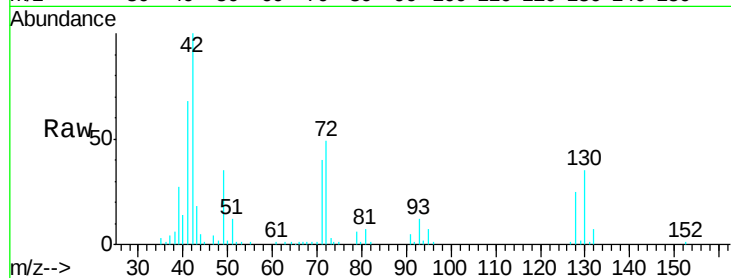




#41
Methacrylonitrile
Concen: 115.407 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.05 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

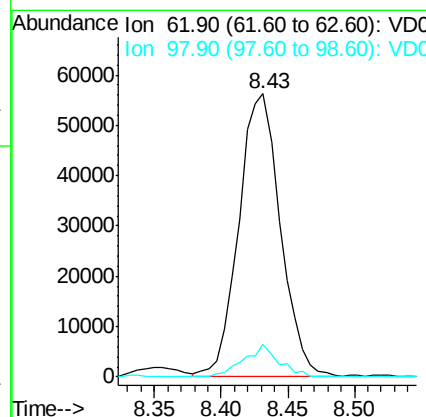
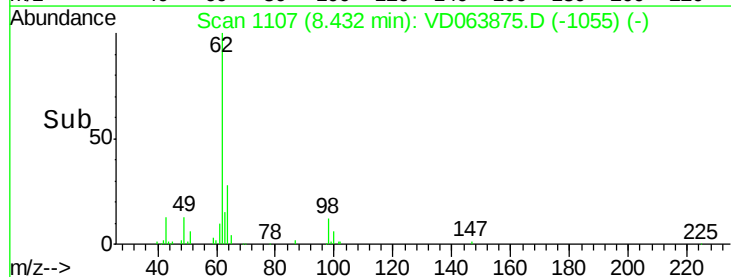
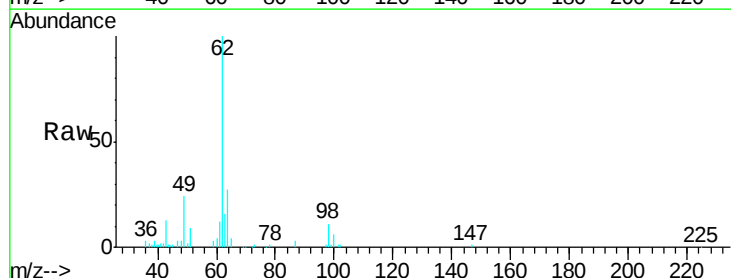
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

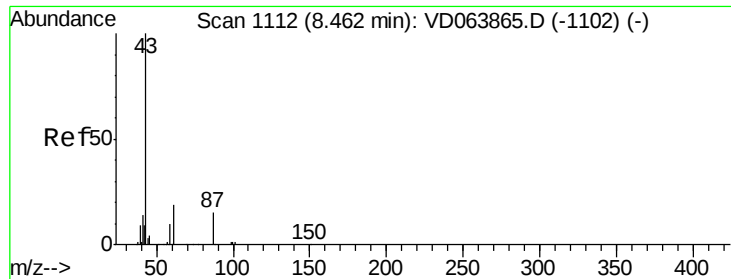
Tgt Ion: 41 Resp: 79722
Ion Ratio Lower Upper
41 100
39 21.3 52.6 78.8#
67 0.0 74.2 111.2#
52 0.0 34.0 51.0#



#42
1,2-Dichloroethane
Concen: 48.997 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 62 Resp: 121016
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.0

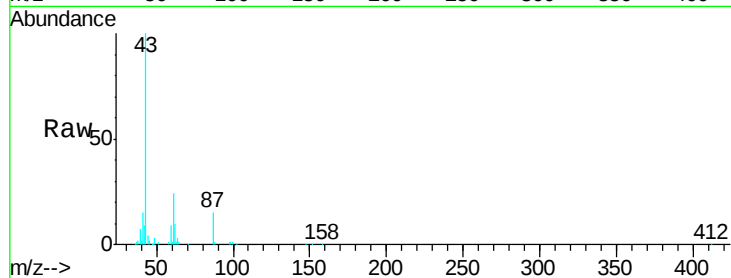




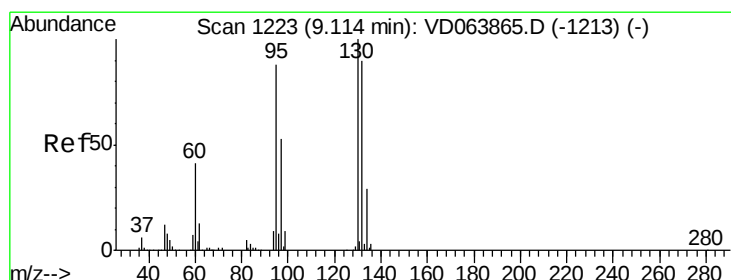
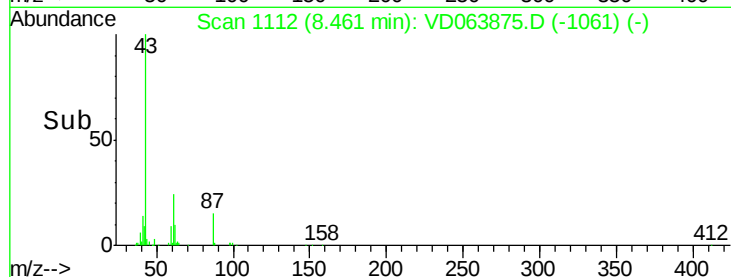
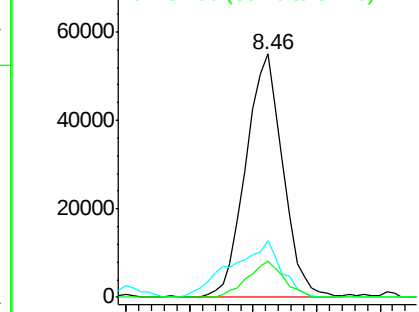
#43
Isopropyl Acetate
Concen: 45.000 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 112442
Ion Ratio Lower Upper
43 100
61 31.1 25.7 38.5
87 14.6 11.6 17.4

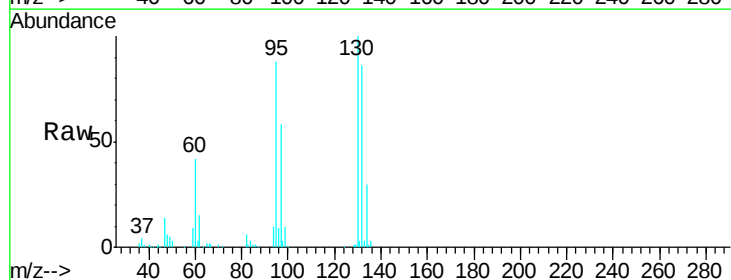


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

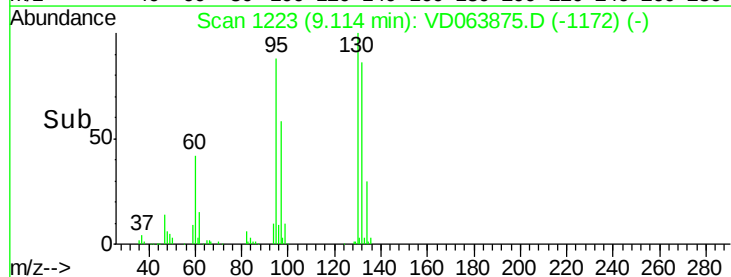
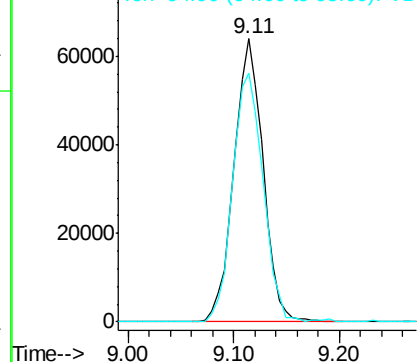


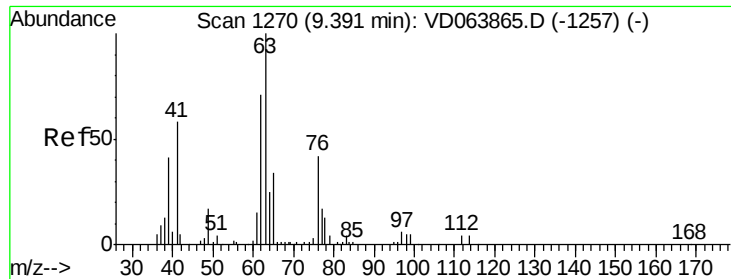
#44
Trichloroethene
Concen: 49.408 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 130 Resp: 121648
Ion Ratio Lower Upper
130 100
95 87.8 0.0 175.6



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

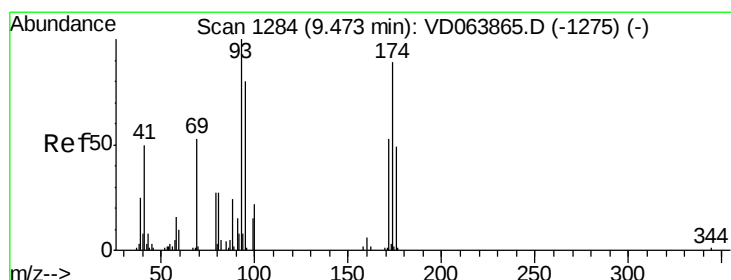
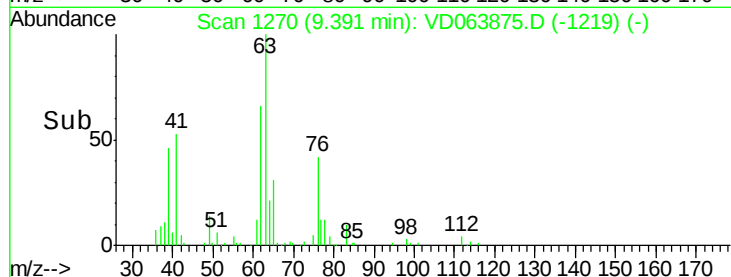
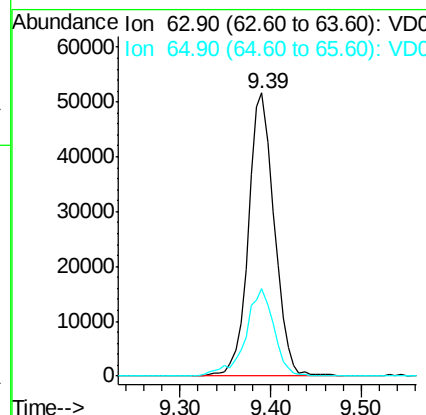
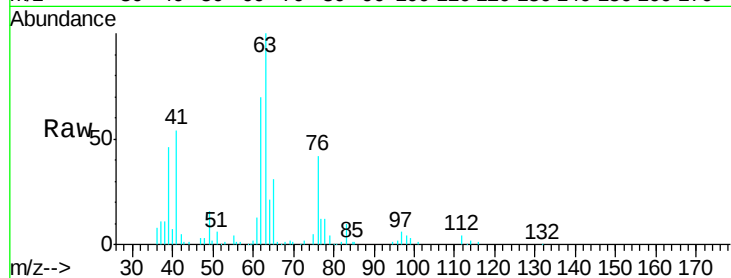




#45
 1,2-Dichloropropane
 Concen: 48.733 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

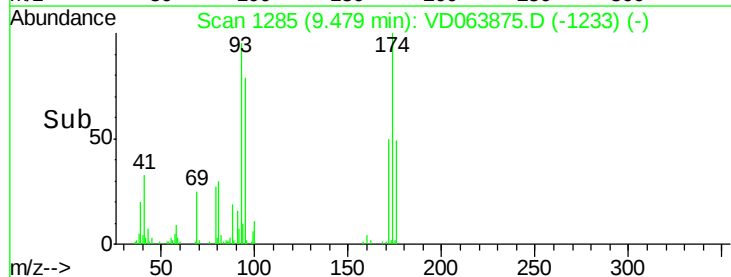
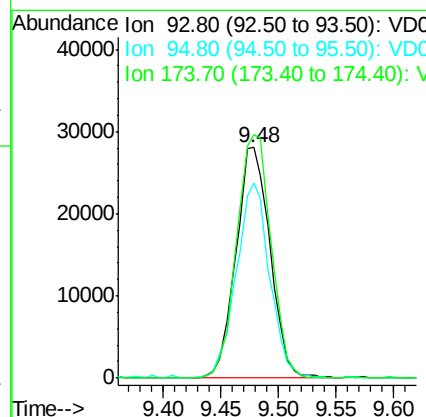
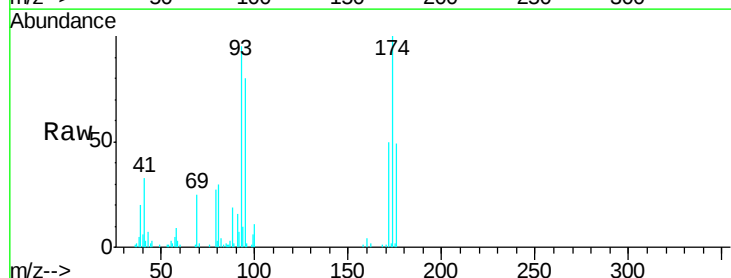
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

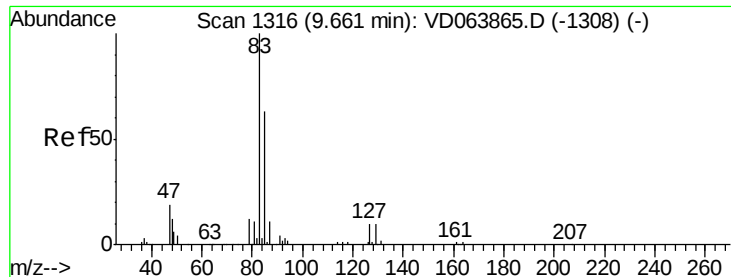
Tgt Ion: 63 Resp: 101848
 Ion Ratio Lower Upper
 63 100
 65 31.1 27.3 40.9



#46
 Dibromomethane
 Concen: 48.222 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 93 Resp: 57395
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.0 99.0
 174 106.7 83.4 125.0





#47

Bromodichloromethane

Concen: 48.794 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

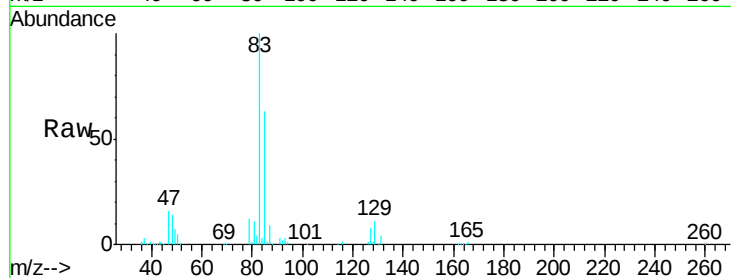
Tgt Ion: 83 Resp: 149522

Ion Ratio Lower Upper

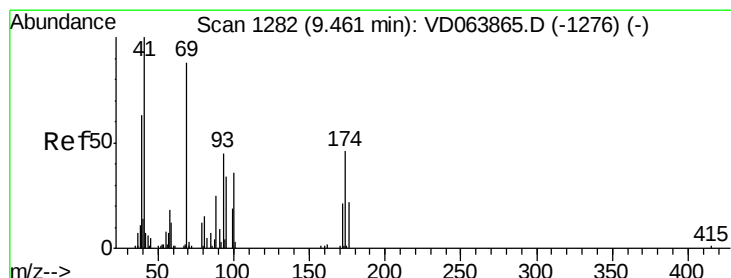
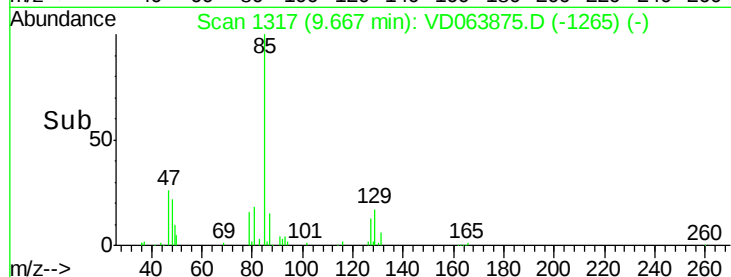
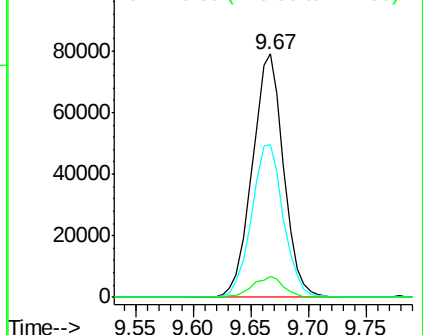
83 100

85 62.5 50.2 75.2

127 8.3 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 42.221 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

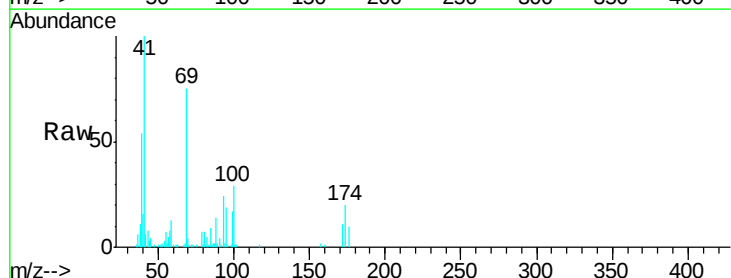
Tgt Ion: 41 Resp: 50548

Ion Ratio Lower Upper

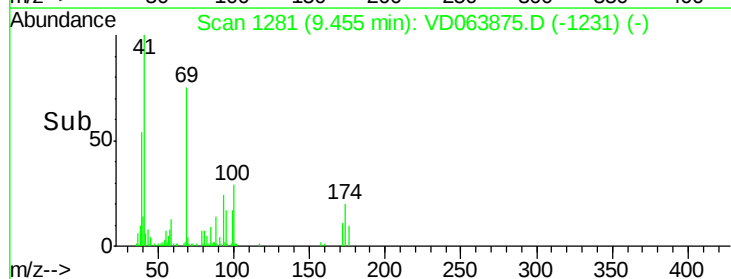
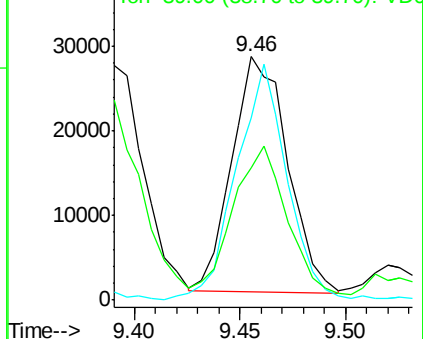
41 100

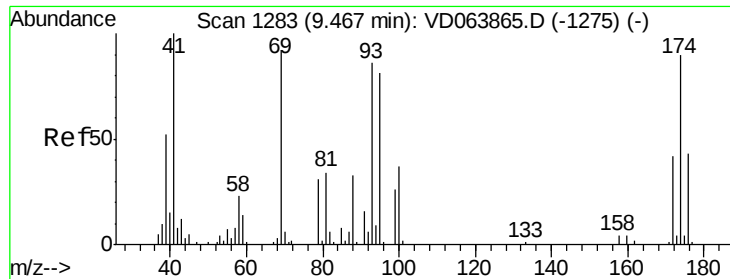
69 92.8 75.1 112.7

39 65.4 50.2 75.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 959.654 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

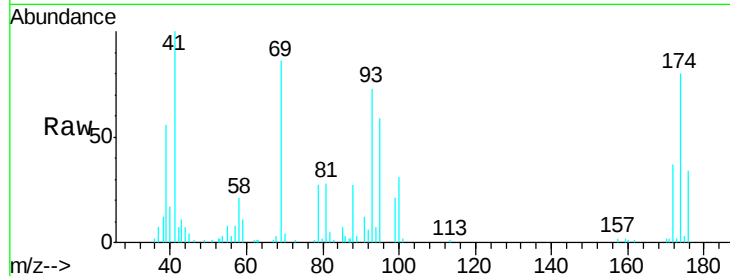
Tgt Ion: 88 Resp: 15591

Ion Ratio Lower Upper

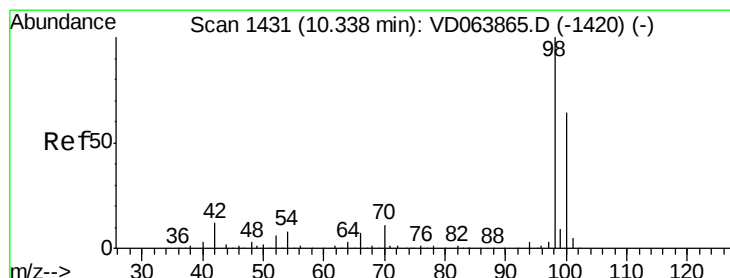
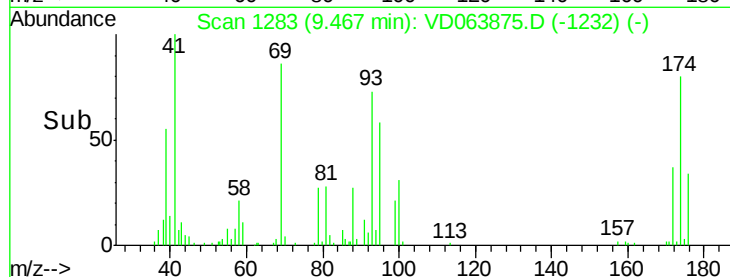
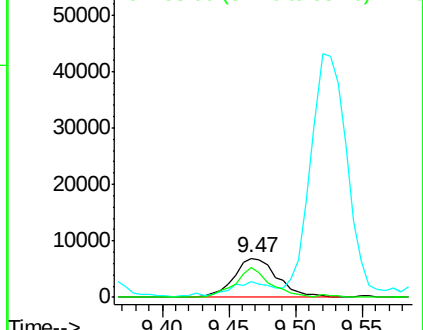
88 100

43 39.7 27.6 41.4

58 62.0 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.918 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD063875.D

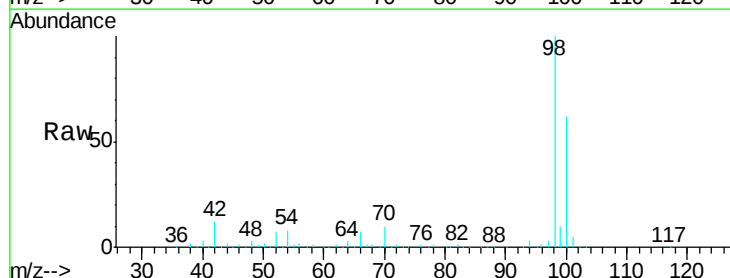
Acq: 03 Oct 2019 14:53

Tgt Ion: 98 Resp: 403498

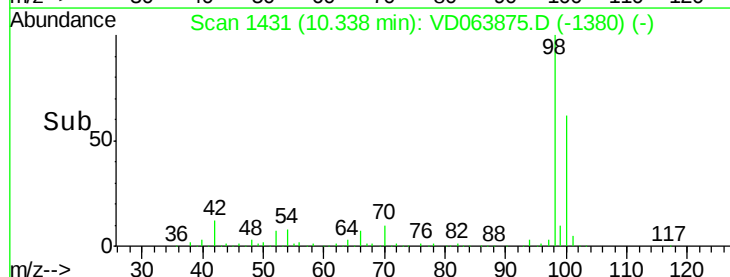
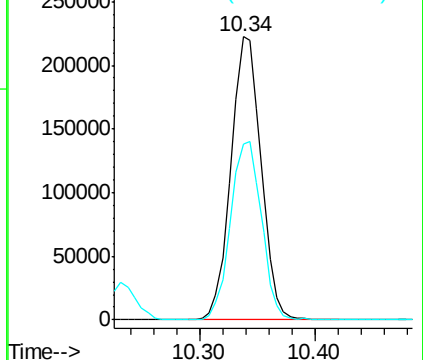
Ion Ratio Lower Upper

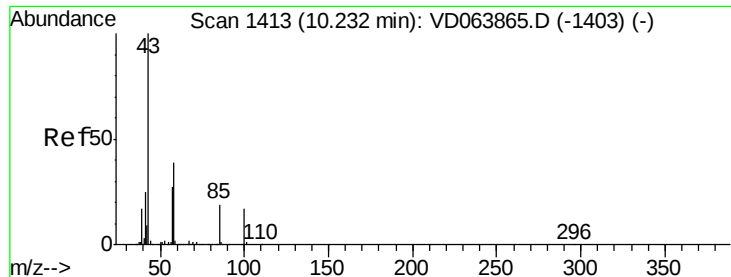
98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 226.529 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

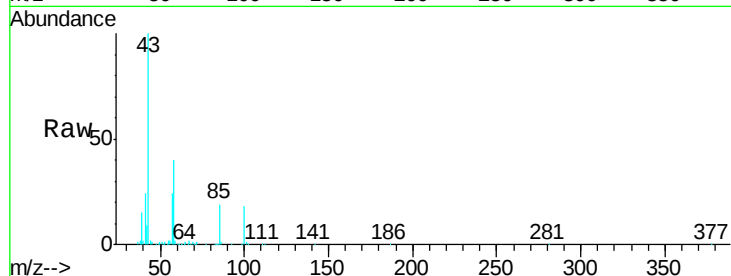
VSTDCCC050

Tgt Ion: 43 Resp: 293558

Ion Ratio Lower Upper

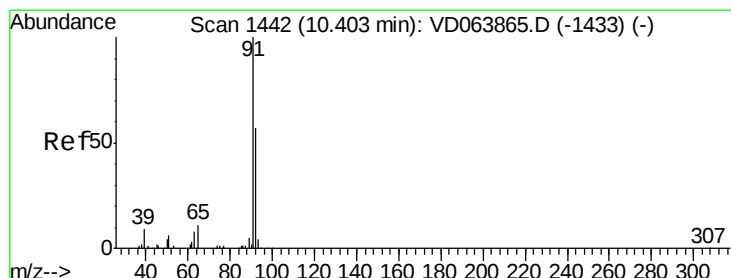
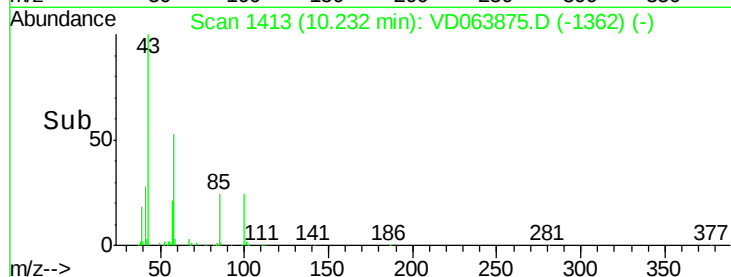
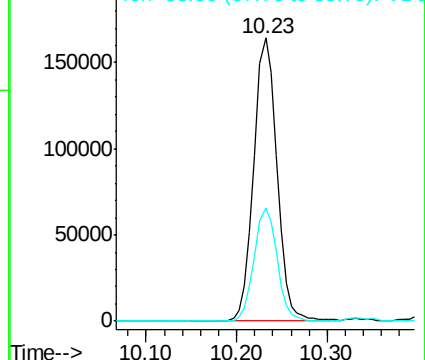
43 100

58 39.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.704 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD063875.D

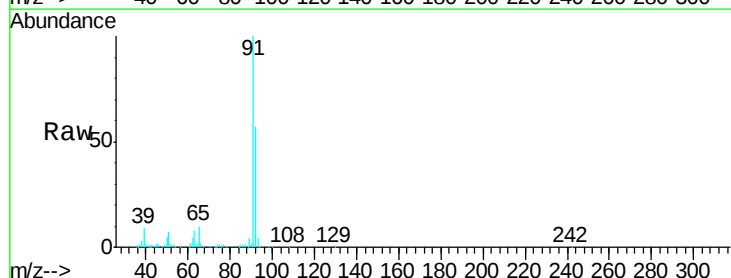
Acq: 03 Oct 2019 14:53

Tgt Ion: 92 Resp: 285474

Ion Ratio Lower Upper

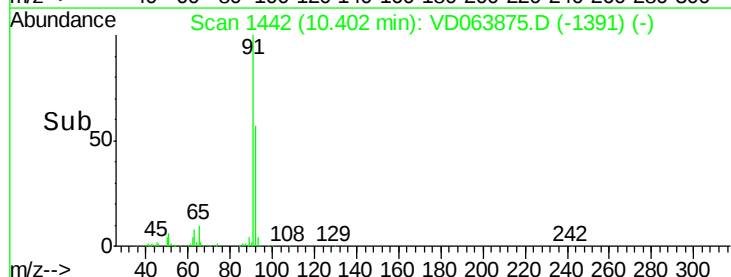
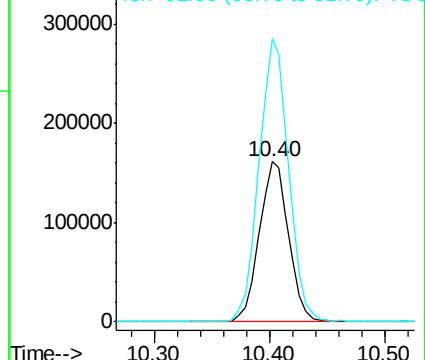
92 100

91 178.1 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 48.905 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

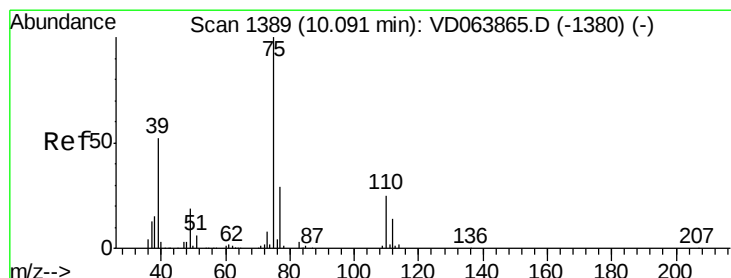
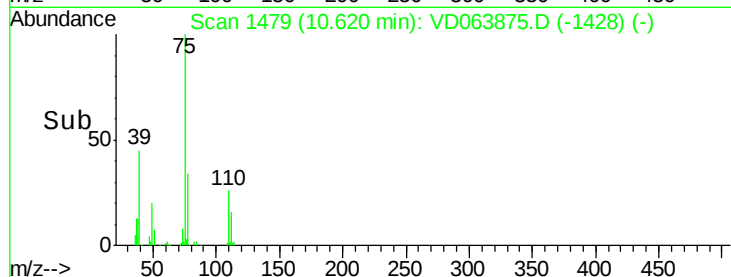
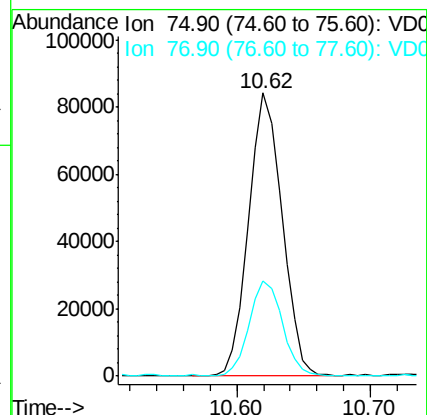
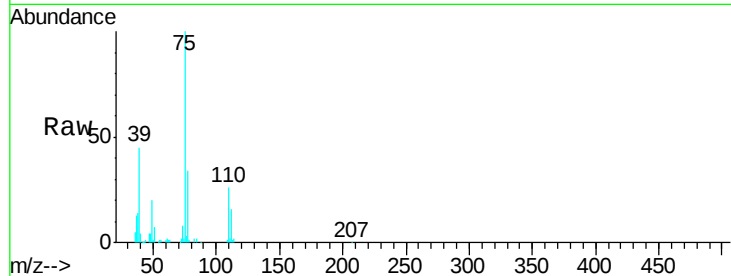
VSTDCCC050

Tgt Ion: 75 Resp: 146240

Ion Ratio Lower Upper

75 100

77 33.5 22.8 34.2



#54

cis-1,3-Dichloropropene

Concen: 50.379 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

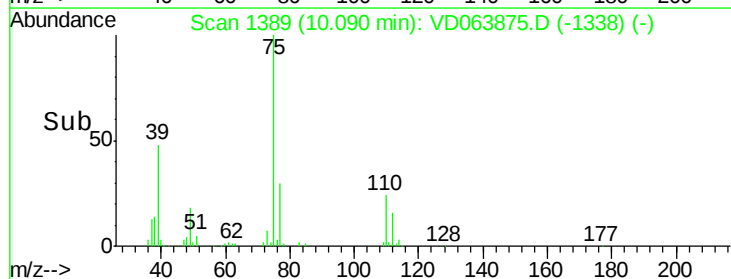
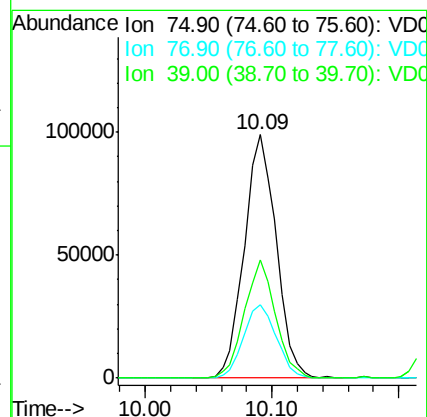
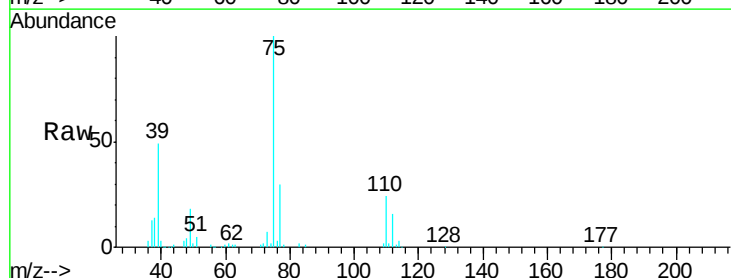
Tgt Ion: 75 Resp: 173411

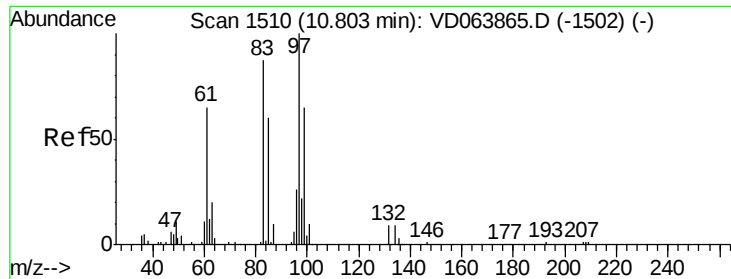
Ion Ratio Lower Upper

75 100

77 30.0 23.2 34.8

39 48.7 41.5 62.3

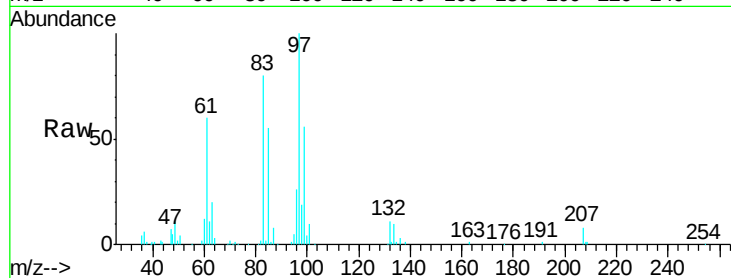




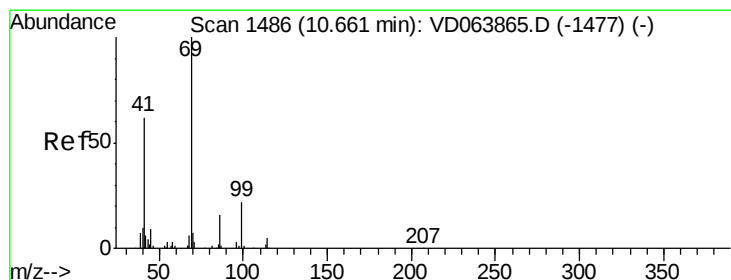
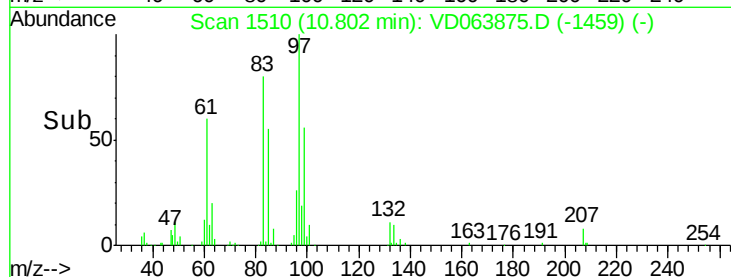
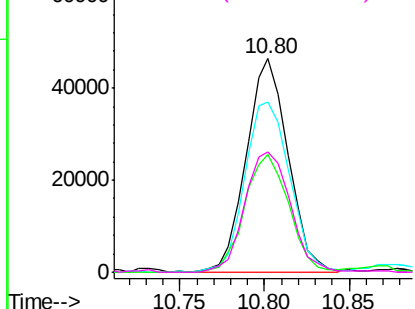
#55
 1,1,2-Trichloroethane
 Concen: 47.716 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	80189
Ion	Ratio	Lower	Upper
97	100		
83	79.6	69.7	104.5
85	55.2	48.1	72.1
99	56.2	51.9	77.9

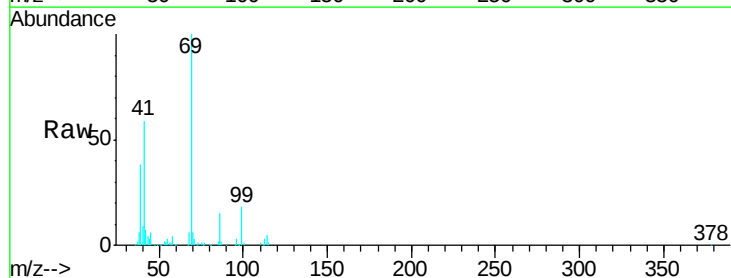


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

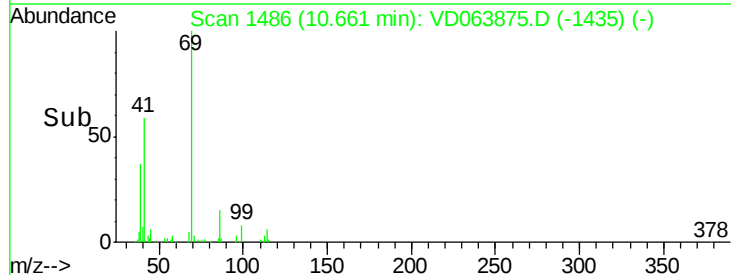
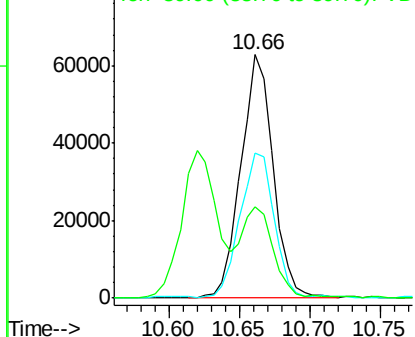


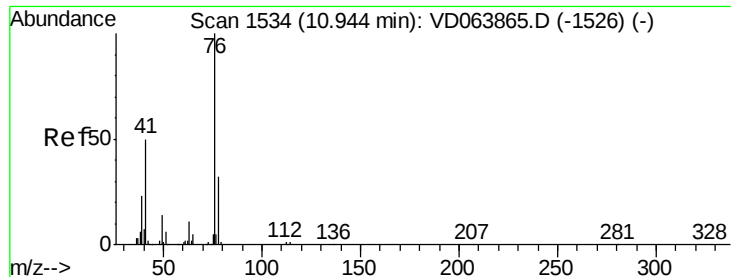
#56
 Ethyl methacrylate
 Concen: 47.393 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion:	69	Resp:	100861
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.3	76.9
39	37.4	28.0	42.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

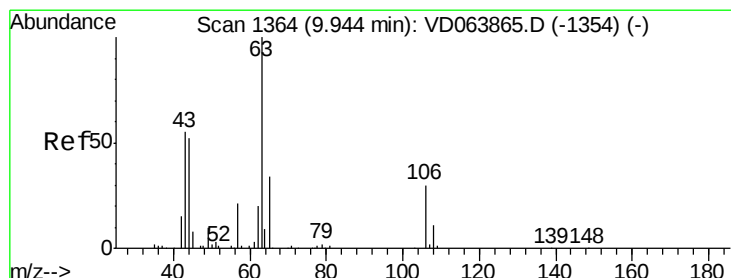
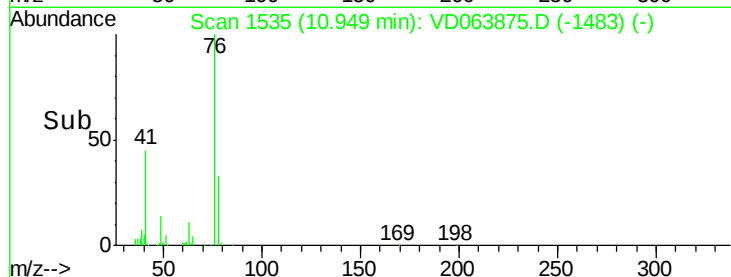
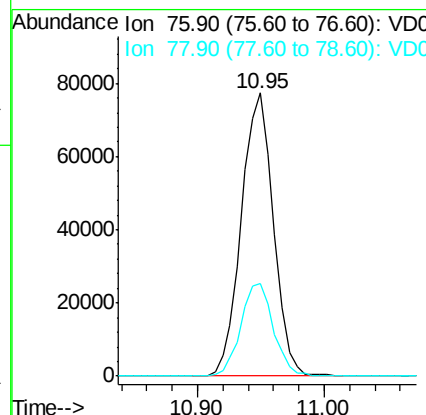
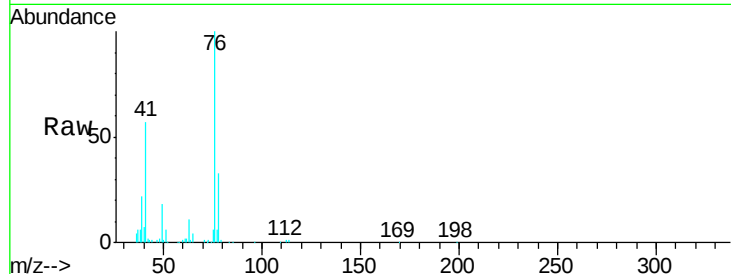




#57
 1,3-Dichloropropane
 Concen: 47.161 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

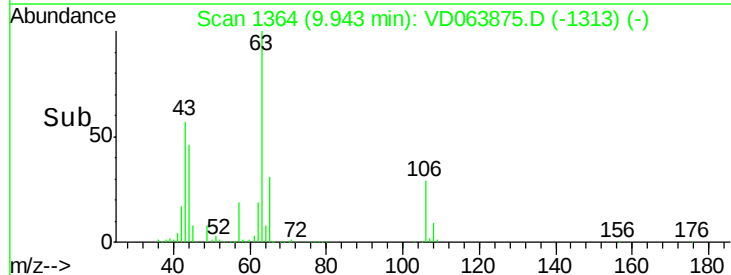
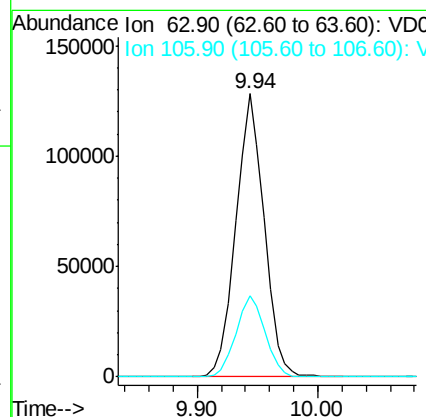
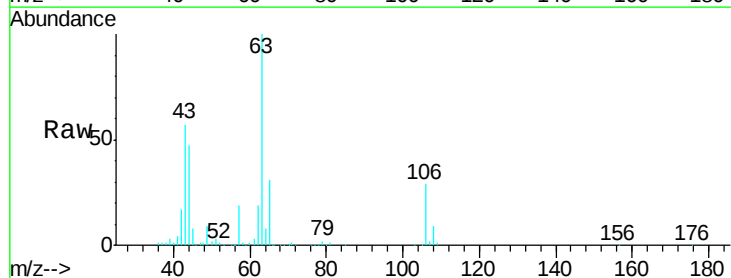
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

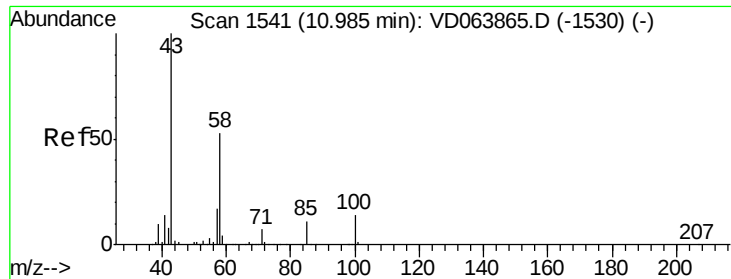
Tgt Ion: 76 Resp: 135603
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.592 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 63 Resp: 209109
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.3 36.5





#59

2-Hexanone

Concen: 226.915 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

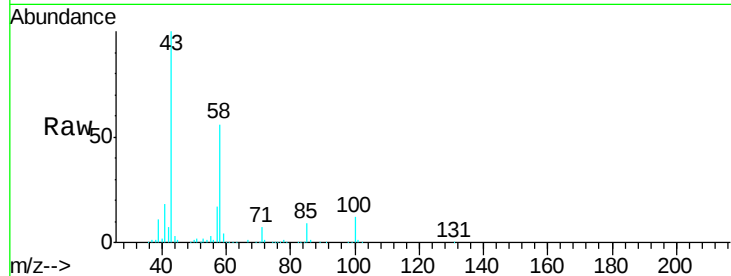
VSTDCCC050

Tgt Ion: 43 Resp: 212713

Ion Ratio Lower Upper

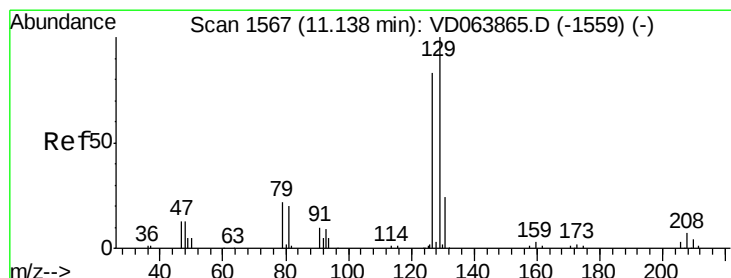
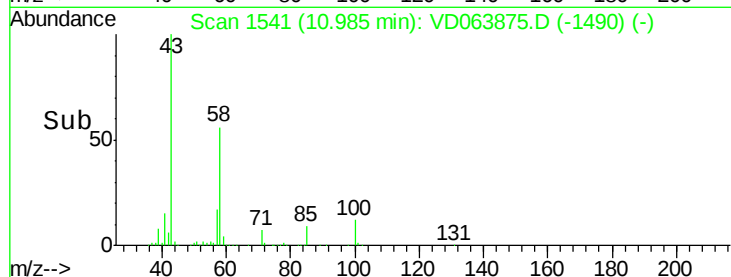
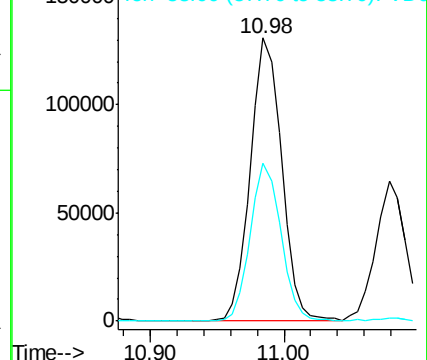
43 100

58 54.7 27.7 83.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#60

Dibromochloromethane

Concen: 49.282 ug/l

RT: 11.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VD063875.D

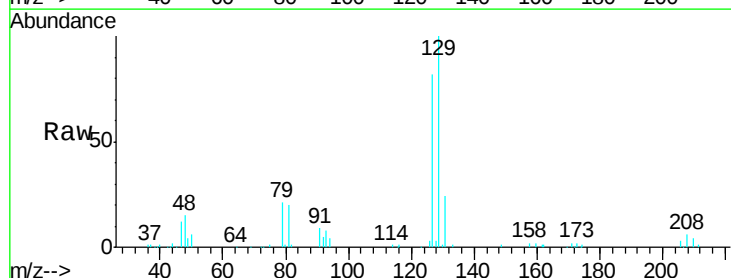
Acq: 03 Oct 2019 14:53

Tgt Ion: 129 Resp: 107825

Ion Ratio Lower Upper

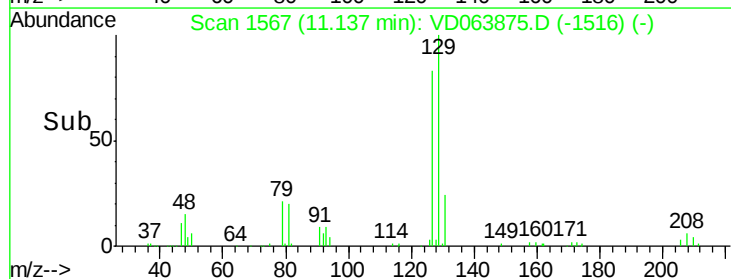
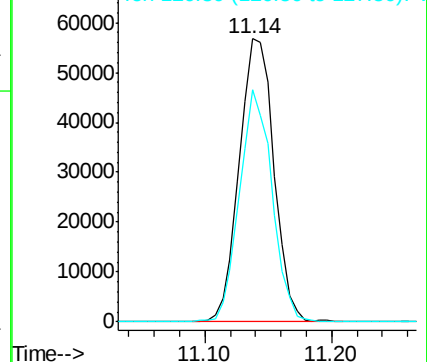
129 100

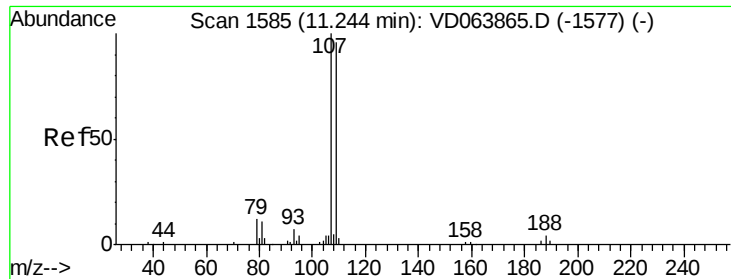
127 77.0 39.9 119.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

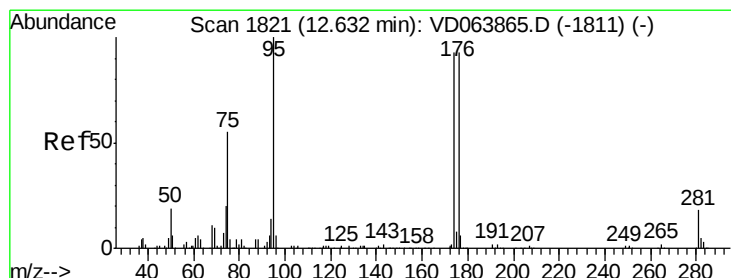
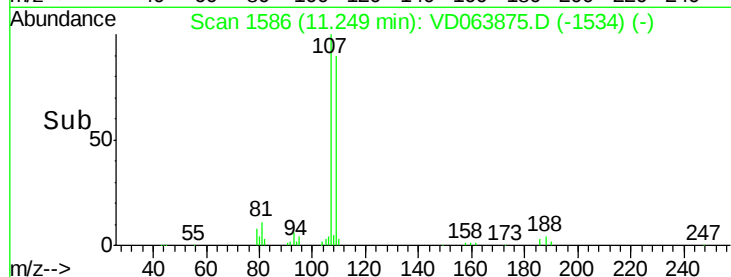
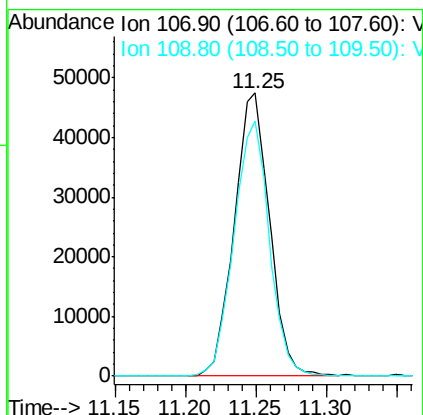
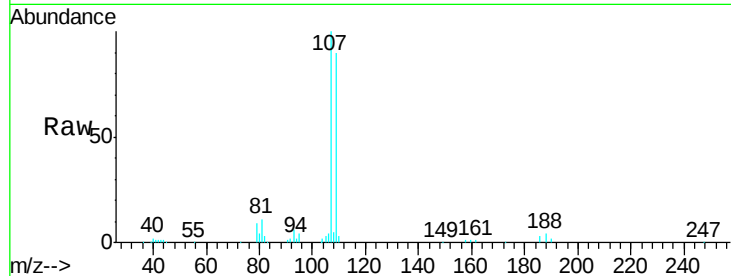




#61
 1,2-Dibromoethane
 Concen: 50.884 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

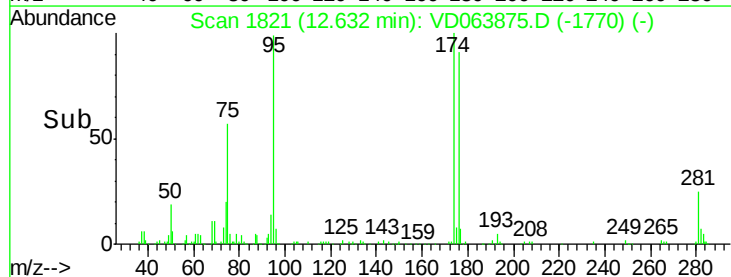
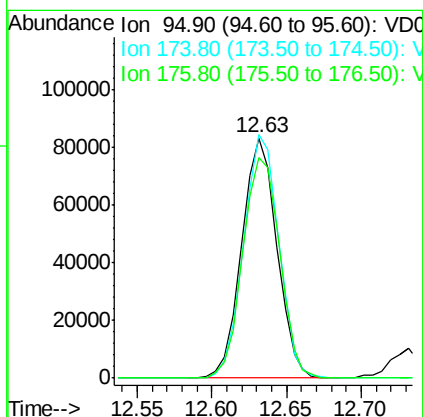
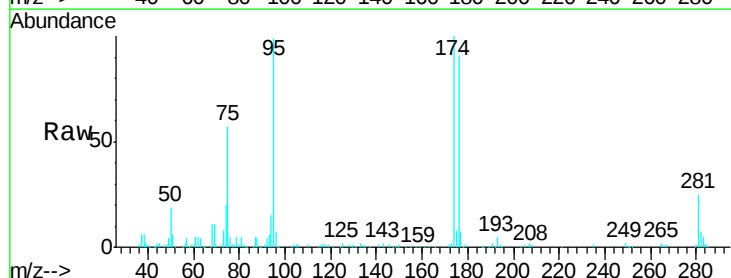
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

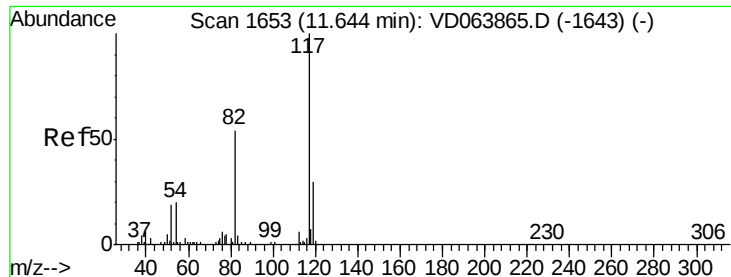
Tgt Ion: 107 Resp: 82902
 Ion Ratio Lower Upper
 107 100
 109 90.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 48.432 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion: 95 Resp: 136039
 Ion Ratio Lower Upper
 95 100
 174 101.2 0.0 186.4
 176 96.3 0.0 184.2

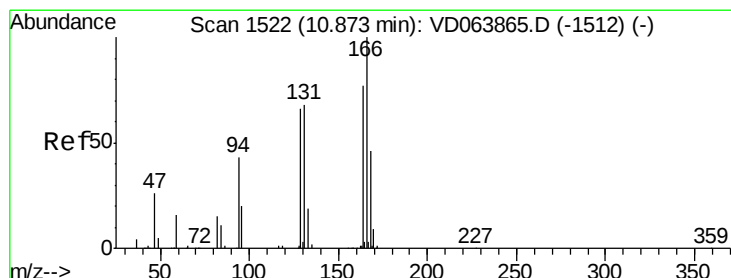
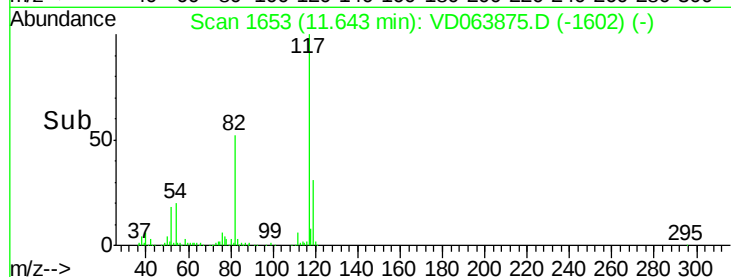
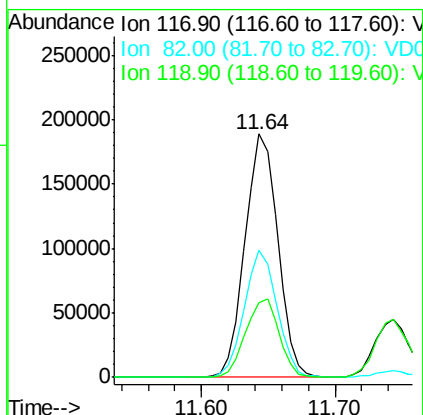
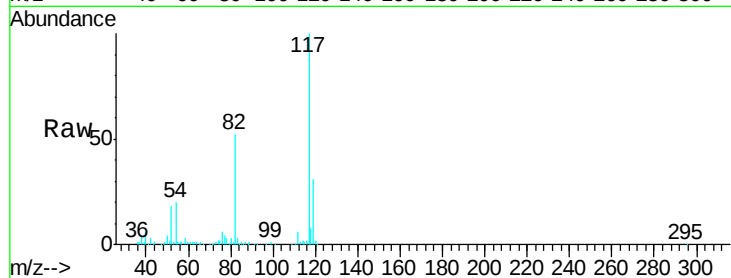




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

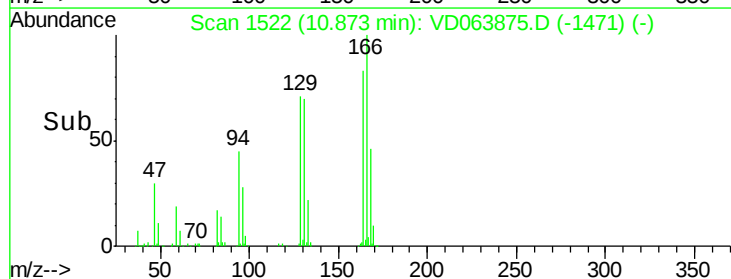
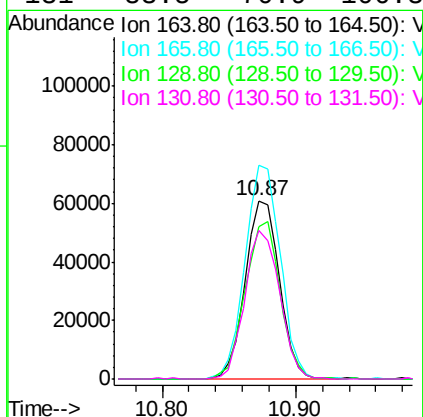
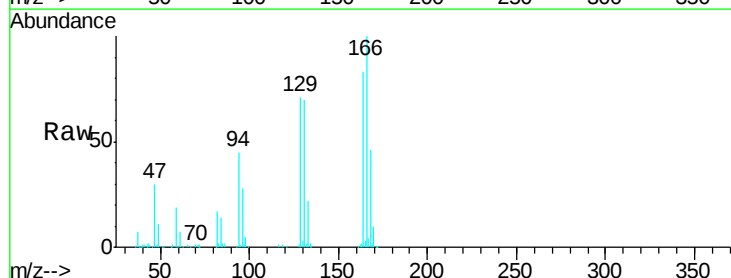
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

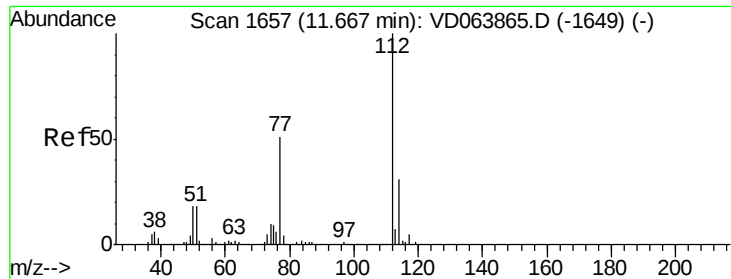
Tgt Ion:117 Resp: 321311
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 30.8 24.4 36.6



#64
Tetrachloroethene
Concen: 49.136 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion:164 Resp: 107780
Ion Ratio Lower Upper
164 100
166 120.0 103.8 155.6
129 85.3 68.9 103.3
131 83.5 70.9 106.3

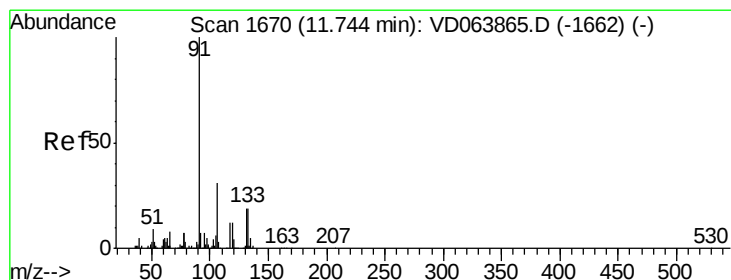
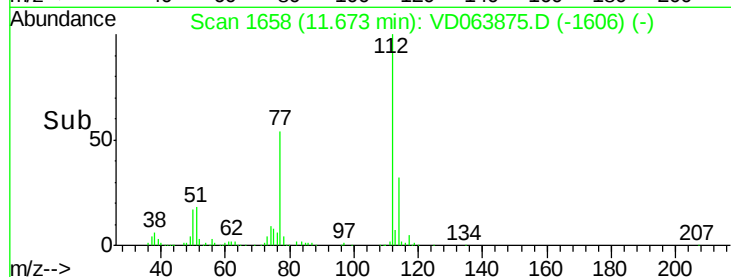
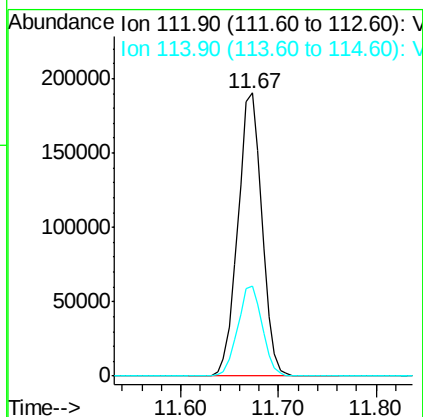
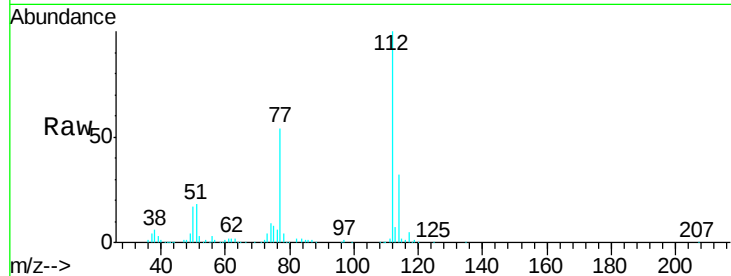




#65
Chlorobenzene
Concen: 50.813 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

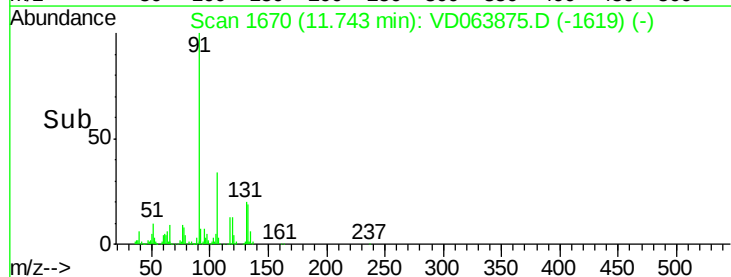
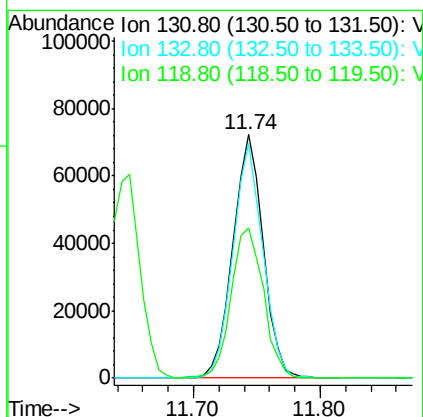
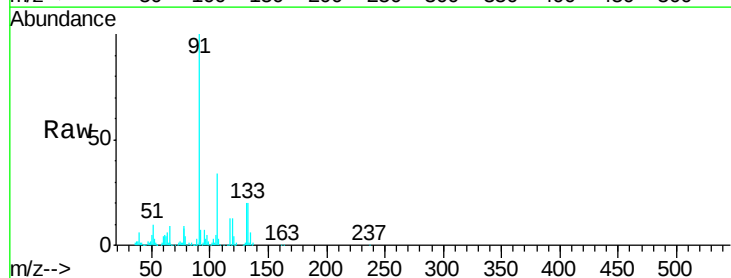
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

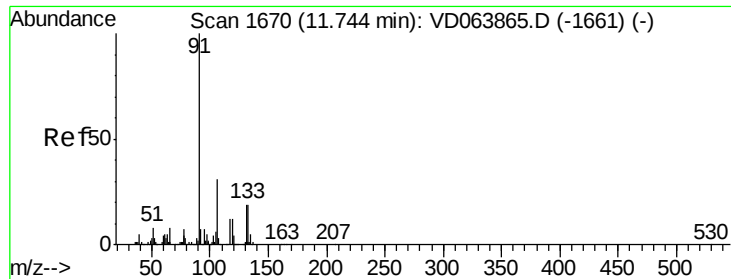
Tgt Ion:112 Resp: 327888
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.295 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion:131 Resp: 119586
Ion Ratio Lower Upper
131 100
133 94.9 48.9 146.7
119 65.7 32.6 97.8





#67

Ethyl Benzene

Concen: 50.418 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

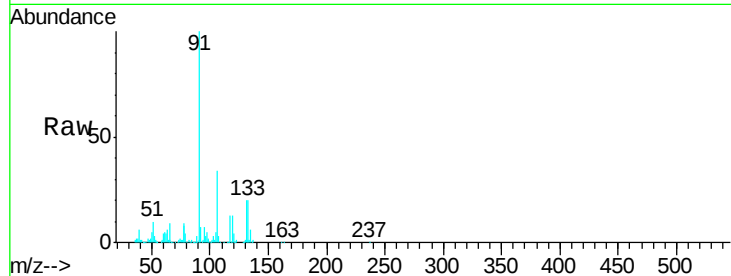
VSTDCCC050

Tgt Ion: 91 Resp: 586644

Ion Ratio Lower Upper

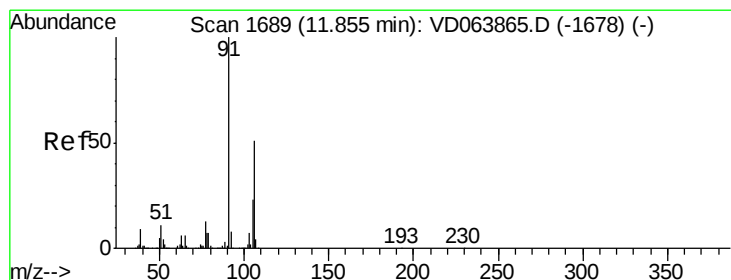
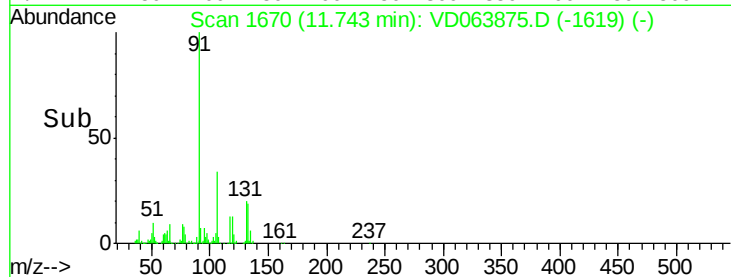
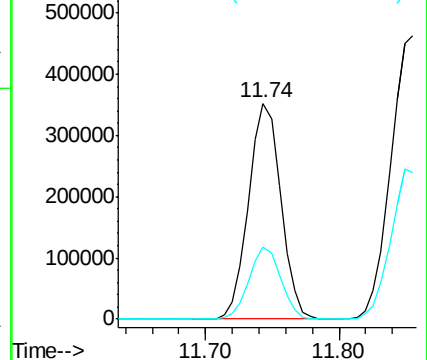
91 100

106 33.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 103.784 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD063875.D

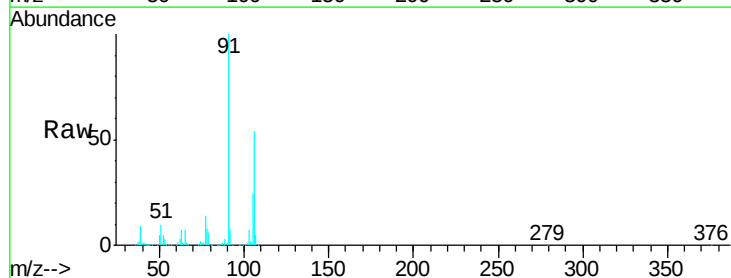
Acq: 03 Oct 2019 14:53

Tgt Ion: 106 Resp: 466107

Ion Ratio Lower Upper

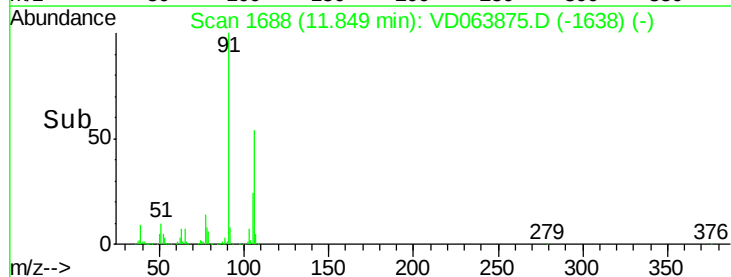
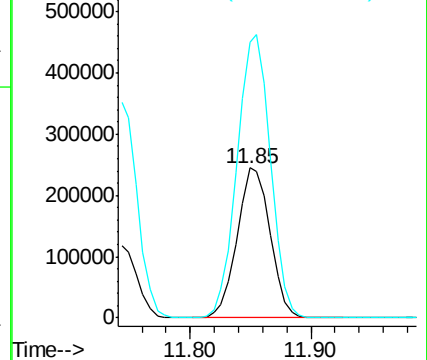
106 100

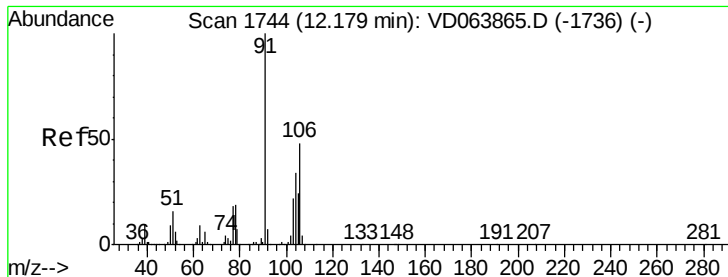
91 191.1 154.8 232.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

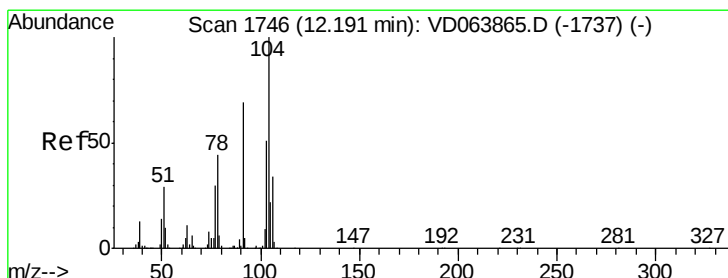
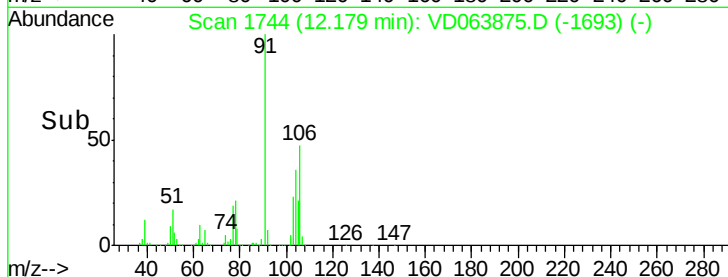
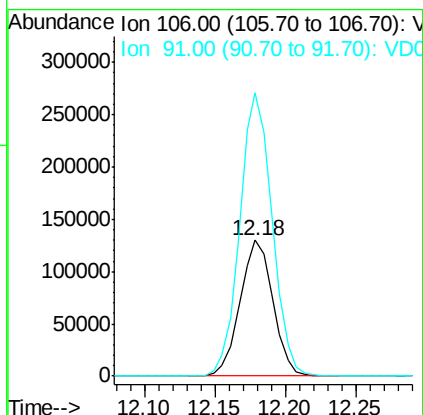
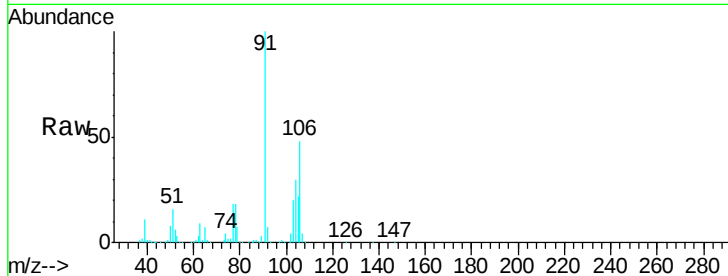




#69
o-Xylene
Concen: 49.273 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

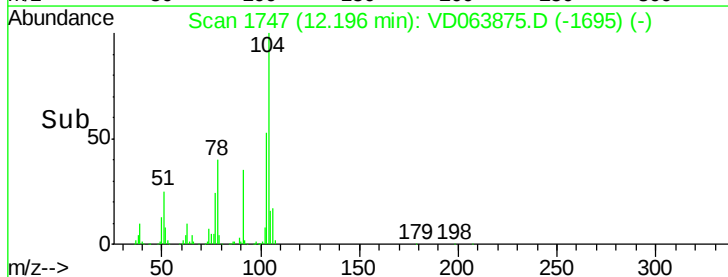
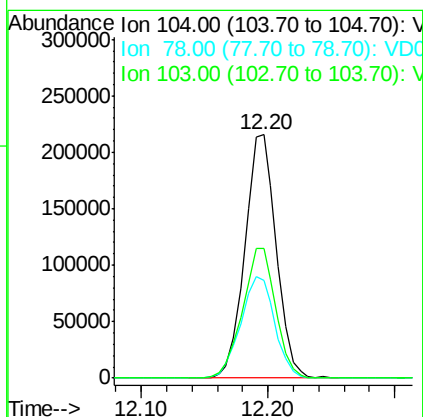
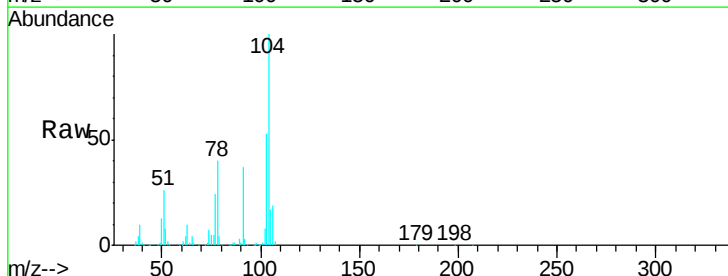
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

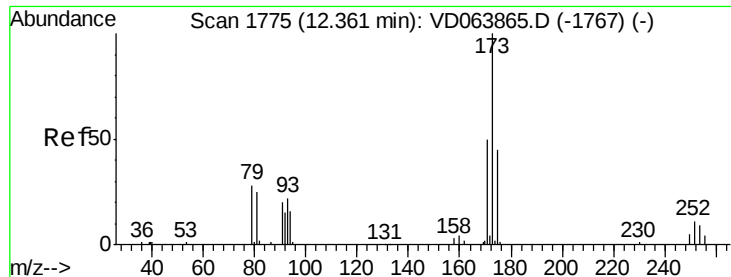
Tgt Ion:106 Resp: 211894
Ion Ratio Lower Upper
106 100
91 205.3 103.9 311.7



#70
Styrene
Concen: 50.902 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion:104 Resp: 370565
Ion Ratio Lower Upper
104 100
78 45.4 37.0 55.4
103 56.3 44.2 66.4





#71

Bromoform

Concen: 50.005 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

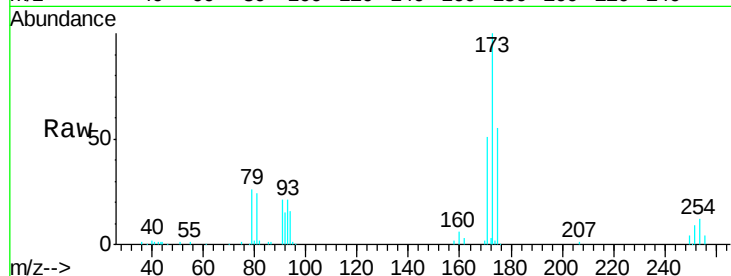
Tgt Ion:173 Resp: 63809

Ion Ratio Lower Upper

173 100

175 50.5 24.6 74.0

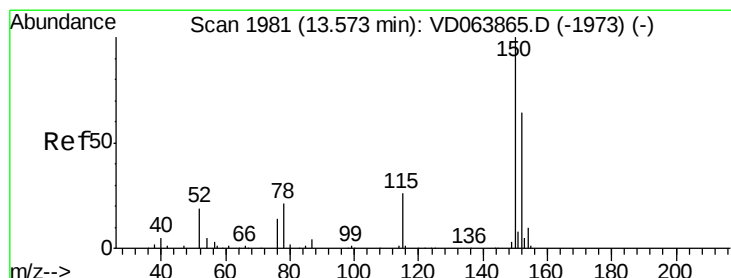
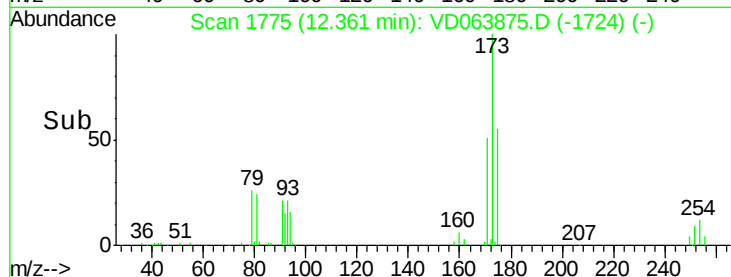
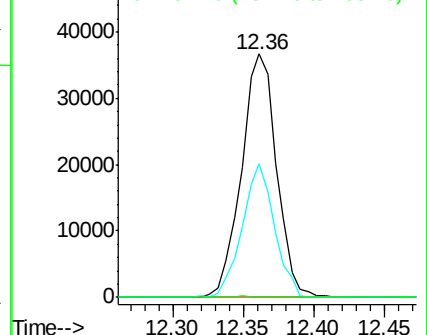
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

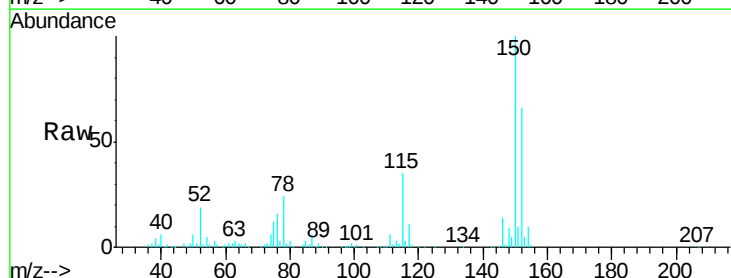
Tgt Ion:152 Resp: 175710

Ion Ratio Lower Upper

152 100

115 53.0 25.9 77.7

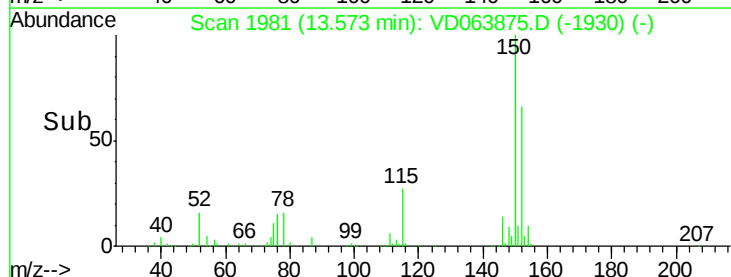
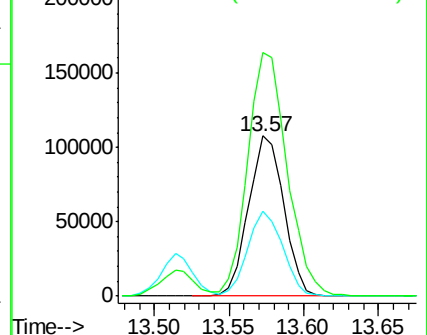
150 170.0 0.0 344.2

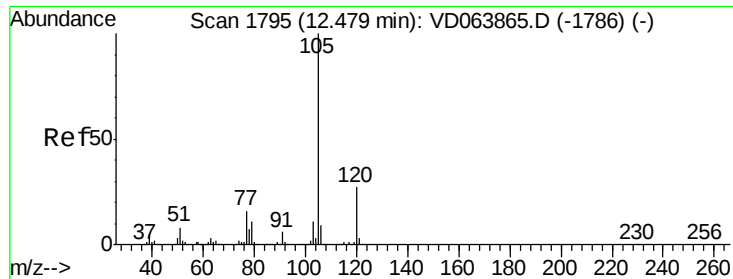


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.494 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

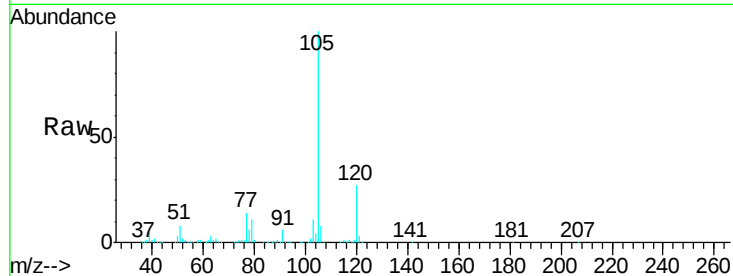
VSTDCCC050

Tgt Ion:105 Resp: 584630

Ion Ratio Lower Upper

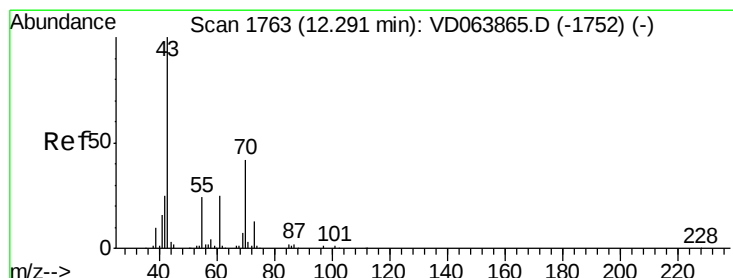
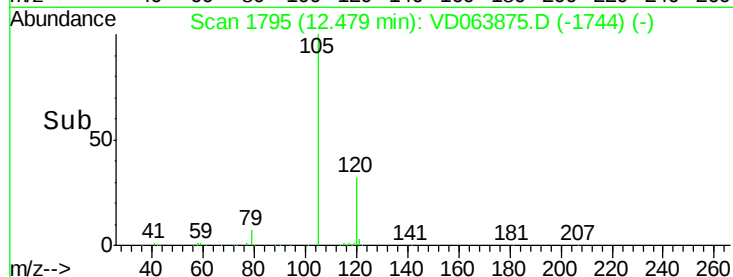
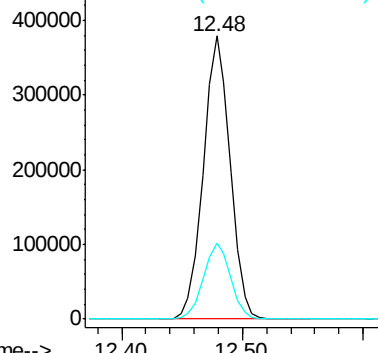
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.669 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Tgt Ion: 43 Resp: 113600

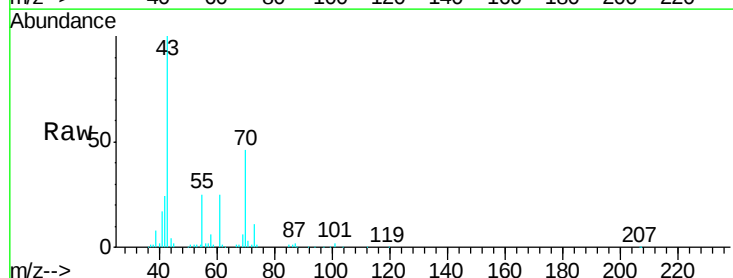
Ion Ratio Lower Upper

43 100

70 45.4 35.8 53.6

55 24.9 19.4 29.0

61 24.5 20.4 30.6

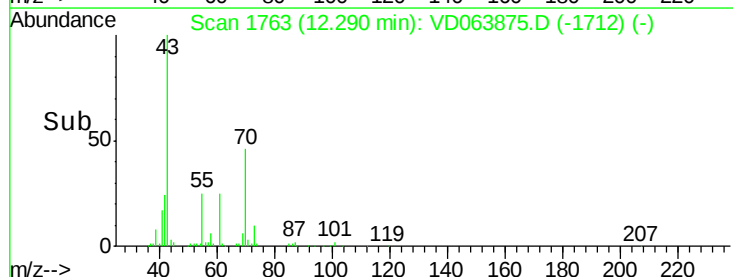
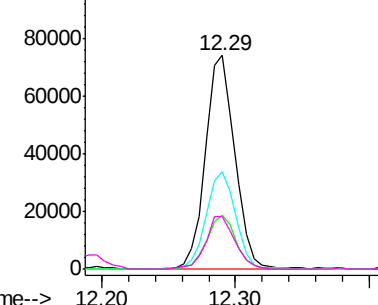


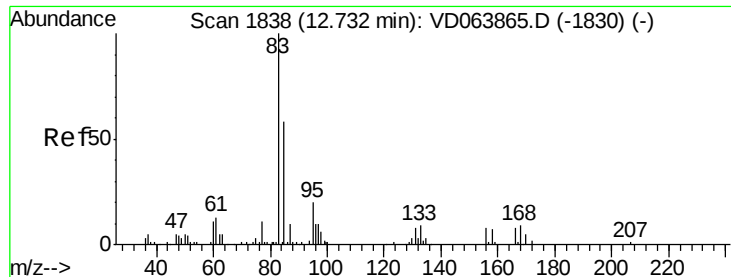
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 42.660 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

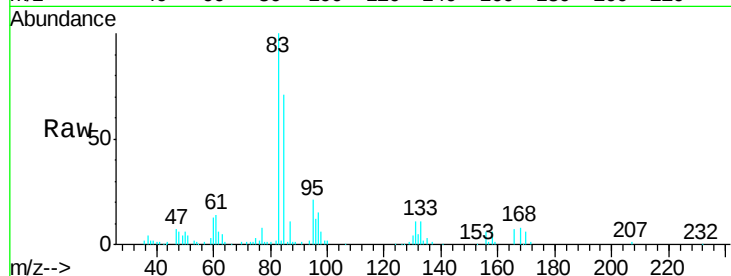
Tgt Ion: 83 Resp: 87685

Ion Ratio Lower Upper

83 100

131 12.3 5.6 16.8

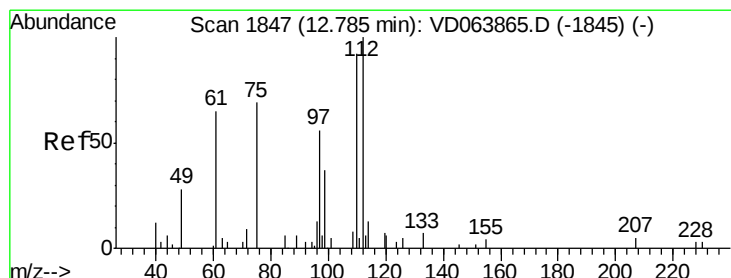
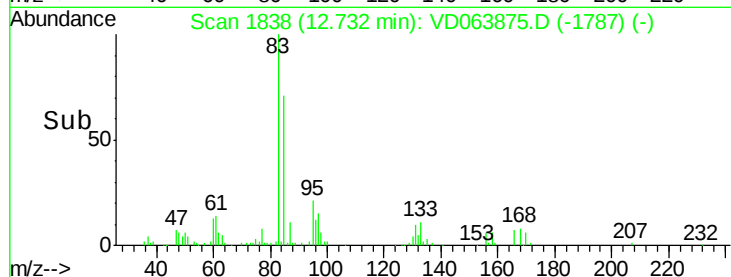
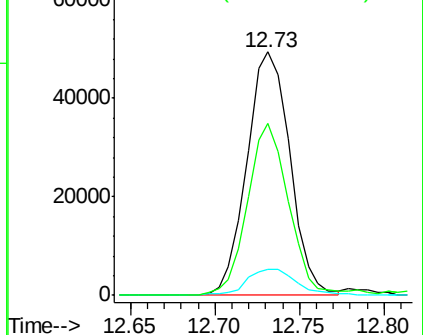
85 68.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 100.873 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD063875.D

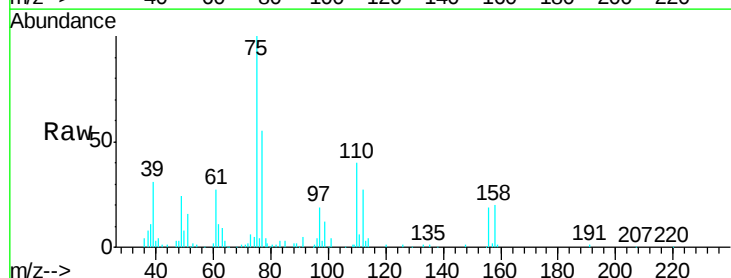
Acq: 03 Oct 2019 14:53

Tgt Ion: 75 Resp: 118713

Ion Ratio Lower Upper

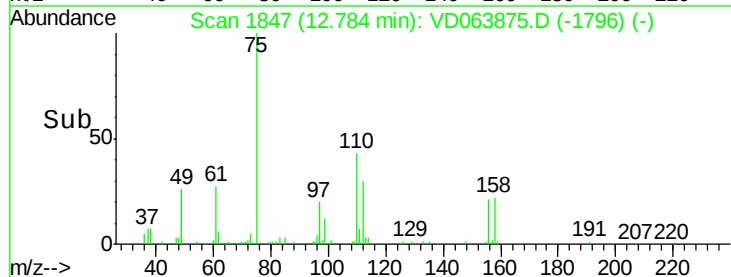
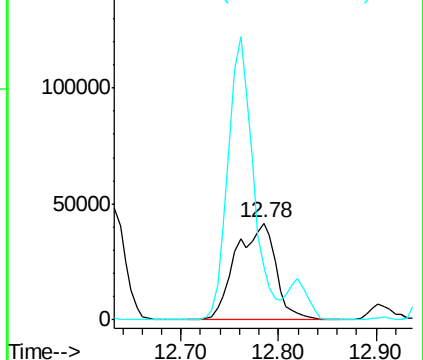
75 100

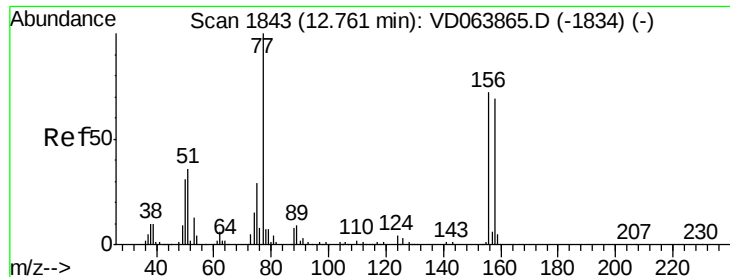
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.507 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

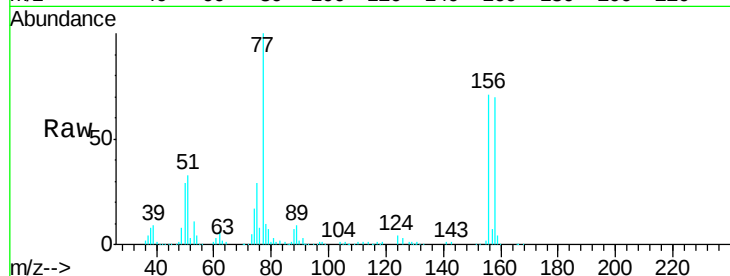
Tgt Ion:156 Resp: 142751

Ion Ratio Lower Upper

156 100

77 155.4 80.3 241.0

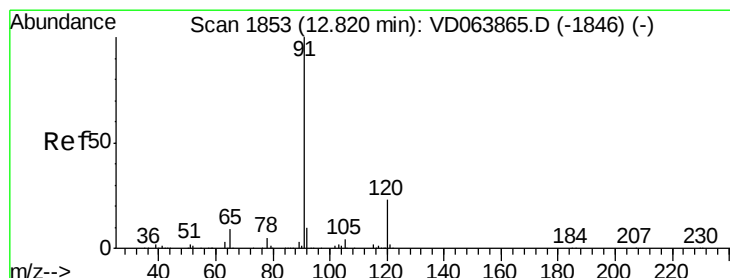
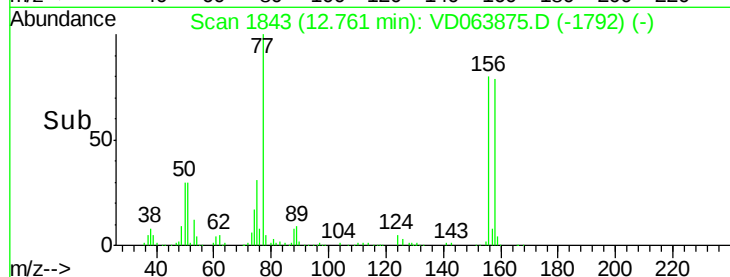
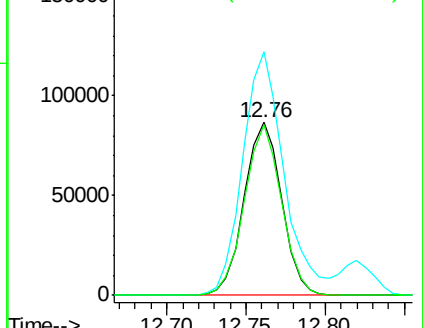
158 97.6 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.804 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063875.D

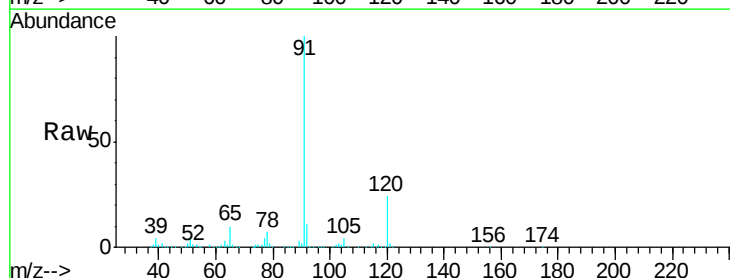
Acq: 03 Oct 2019 14:53

Tgt Ion: 91 Resp: 676666

Ion Ratio Lower Upper

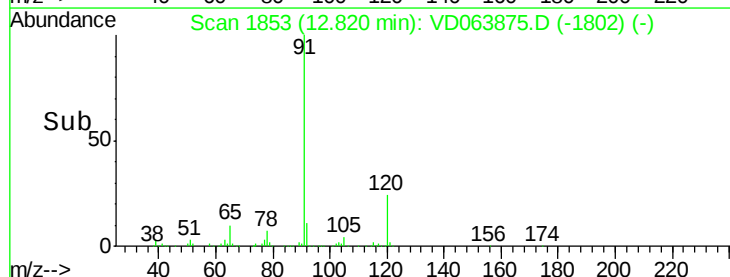
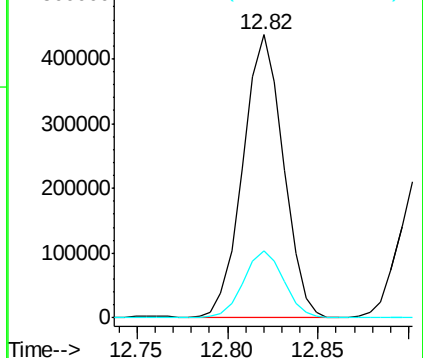
91 100

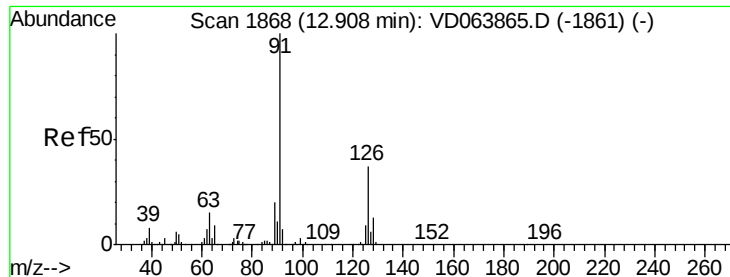
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.771 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

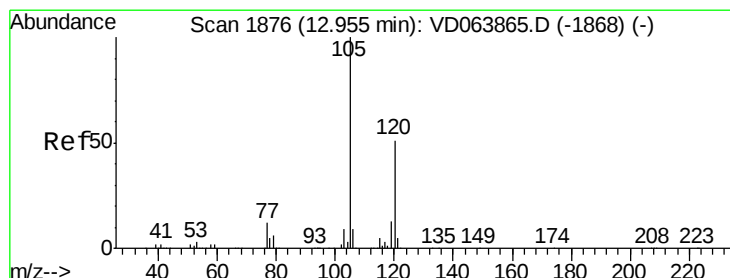
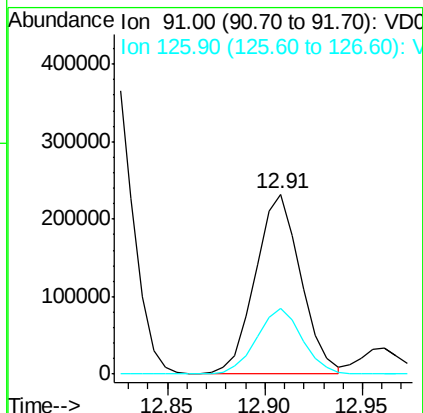
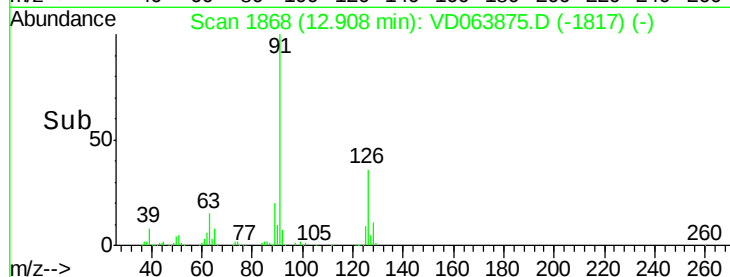
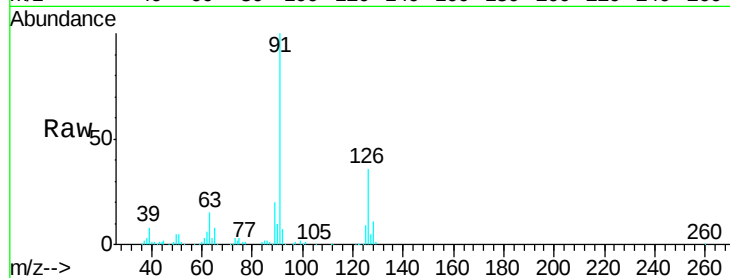
VSTDCCC050

Tgt Ion: 91 Resp: 372860

Ion Ratio Lower Upper

91 100

126 36.5 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 49.528 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VD063875.D

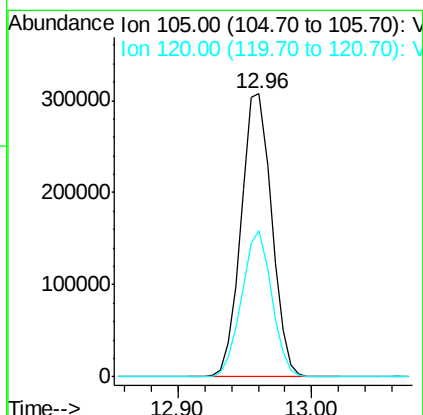
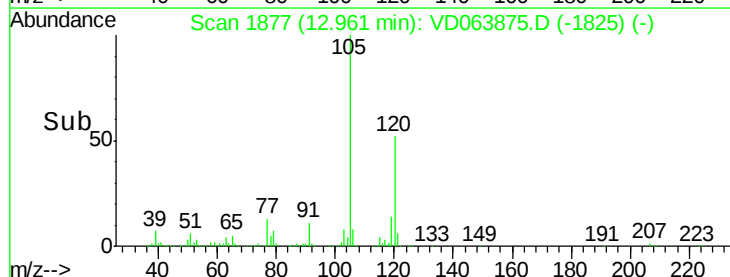
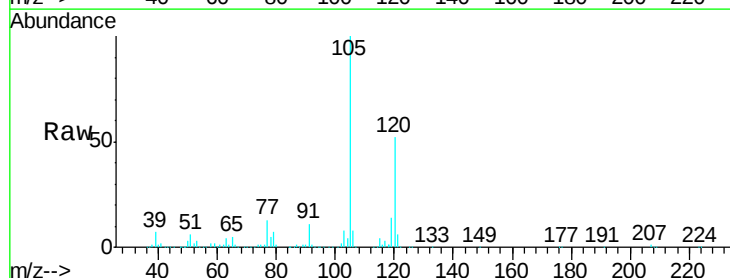
Acq: 03 Oct 2019 14:53

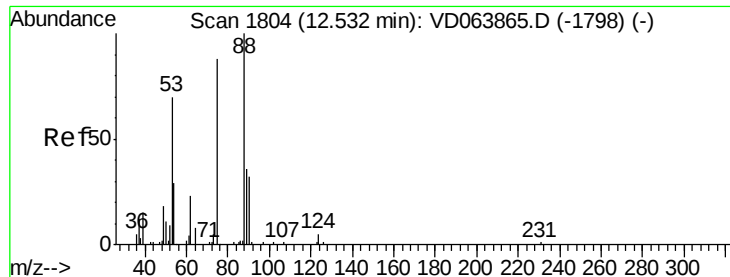
Tgt Ion: 105 Resp: 488074

Ion Ratio Lower Upper

105 100

120 50.4 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.787 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

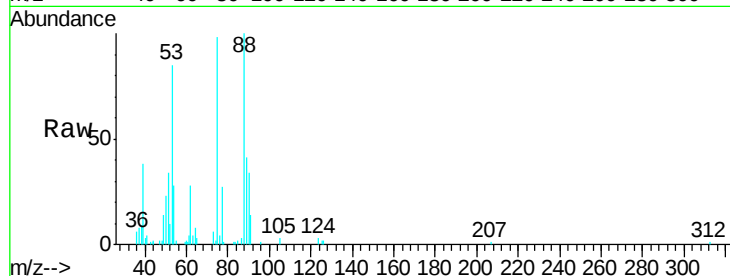
Tgt Ion: 75 Resp: 29785

Ion Ratio Lower Upper

75 100

53 94.0 75.0 112.6

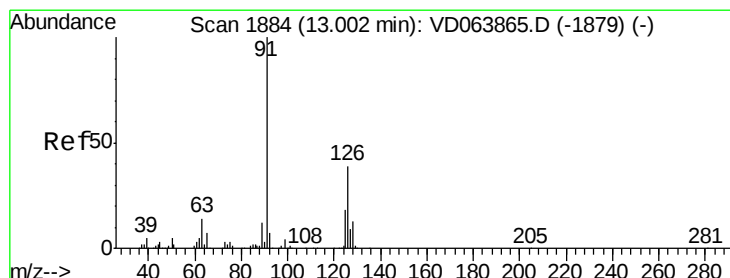
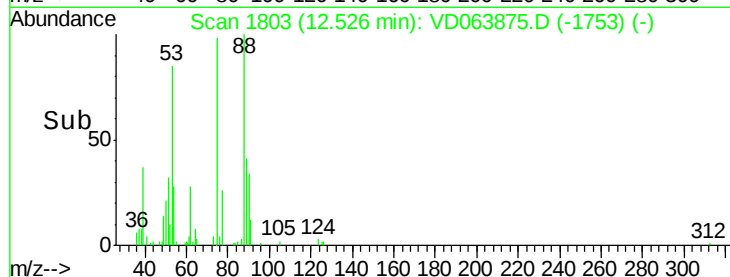
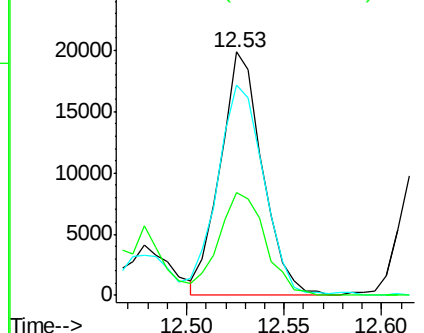
89 46.5 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 48.026 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VD063875.D

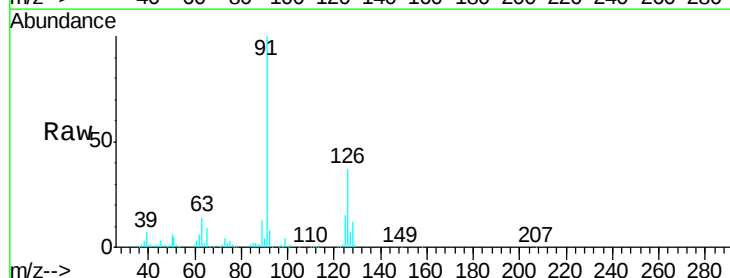
Acq: 03 Oct 2019 14:53

Tgt Ion: 91 Resp: 389489

Ion Ratio Lower Upper

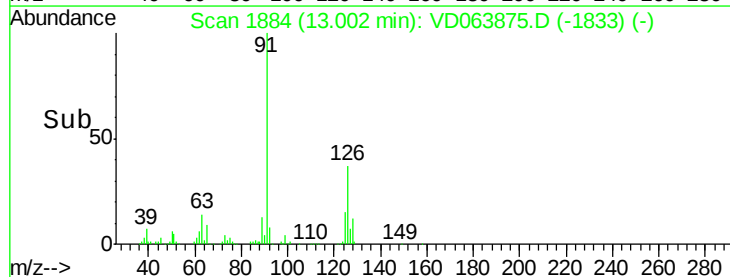
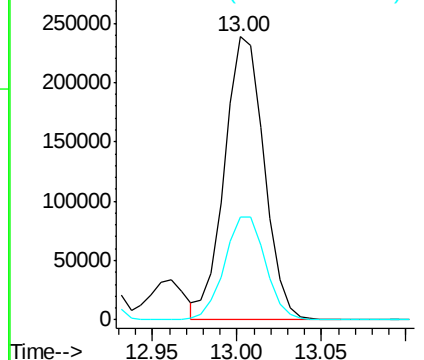
91 100

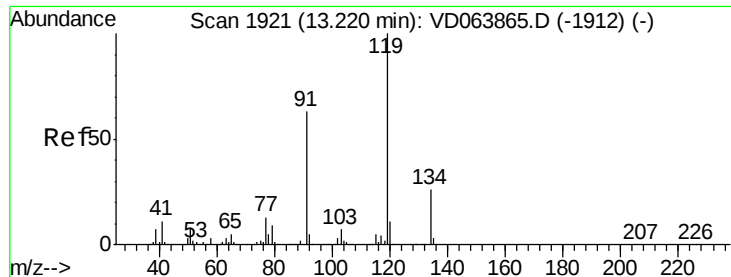
126 37.9 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

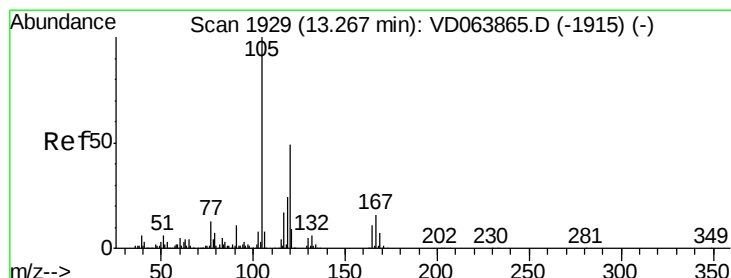
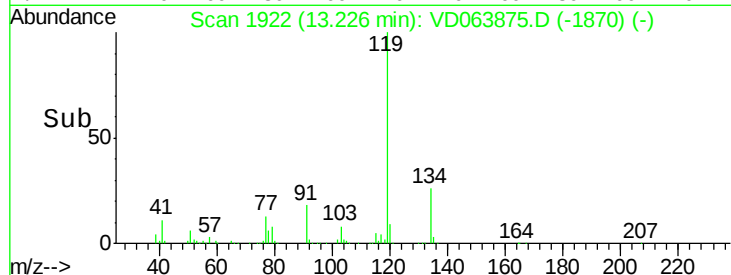
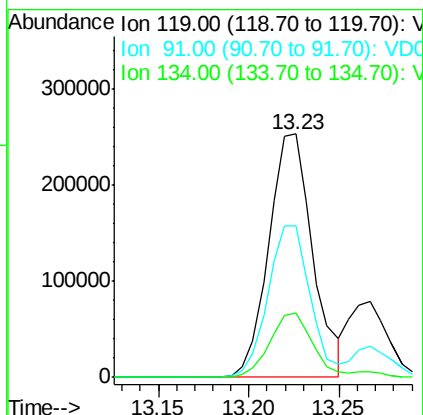
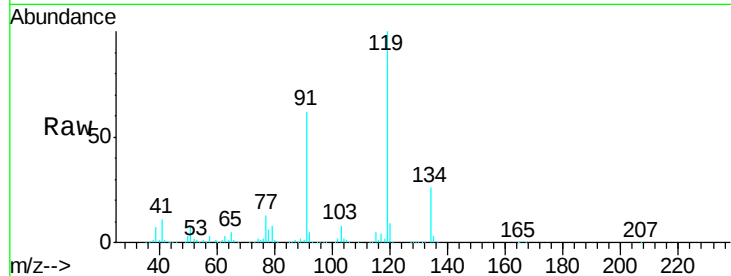




#83
tert-Butylbenzene
Concen: 48.802 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

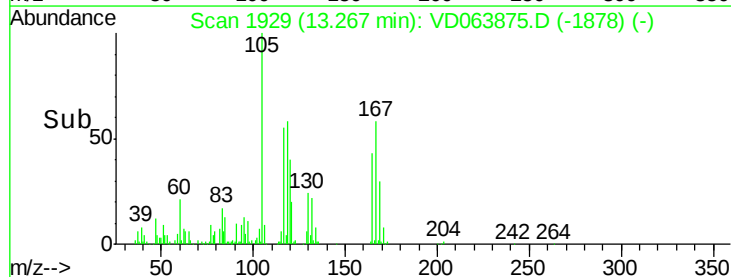
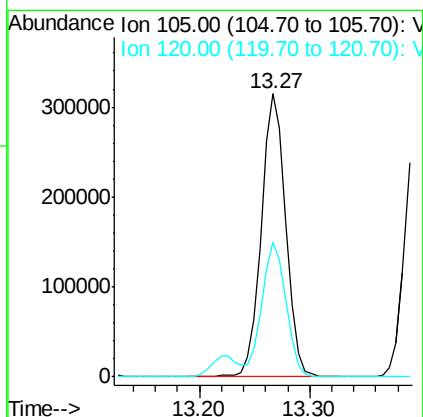
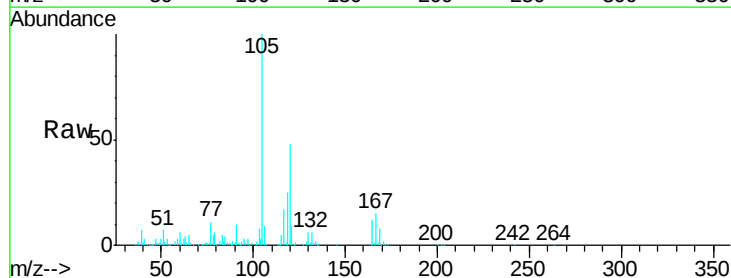
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

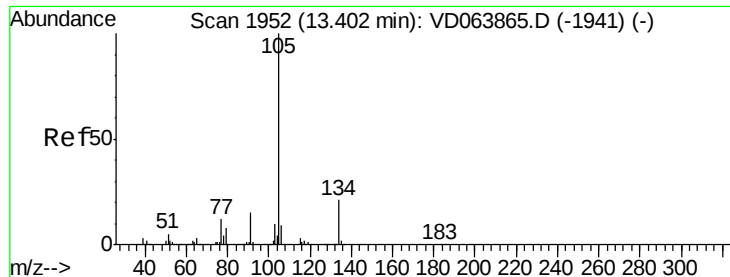
Tgt Ion:119 Resp: 428006
Ion Ratio Lower Upper
119 100
91 59.8 30.0 90.0
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 48.020 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion:105 Resp: 487850
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.5





#85

sec-Butylbenzene

Concen: 49.375 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

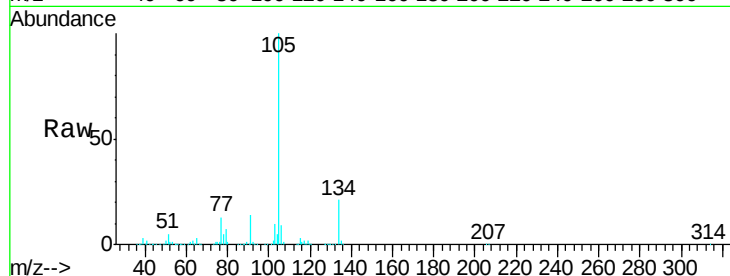
VSTDCCC050

Tgt Ion:105 Resp: 584800

Ion Ratio Lower Upper

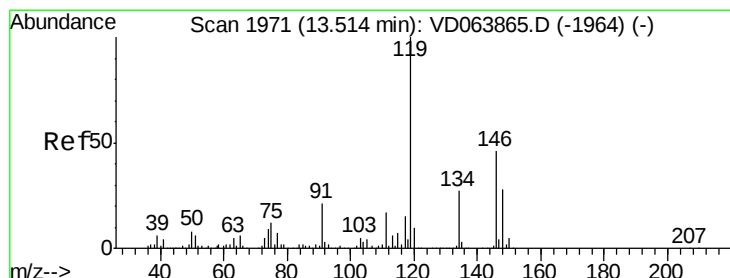
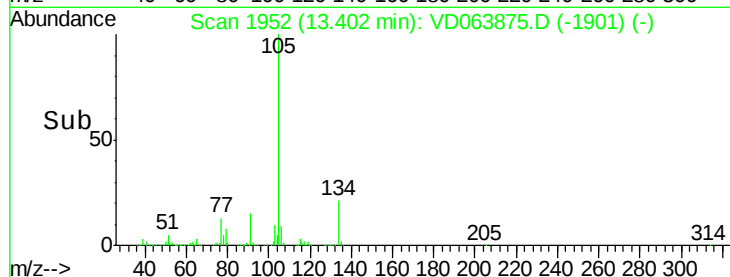
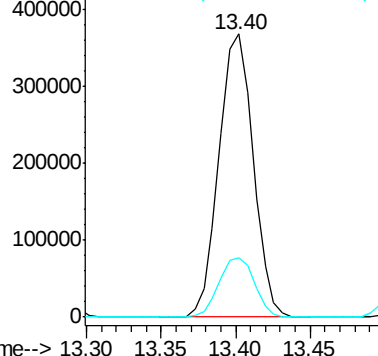
105 100

134 21.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.910 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

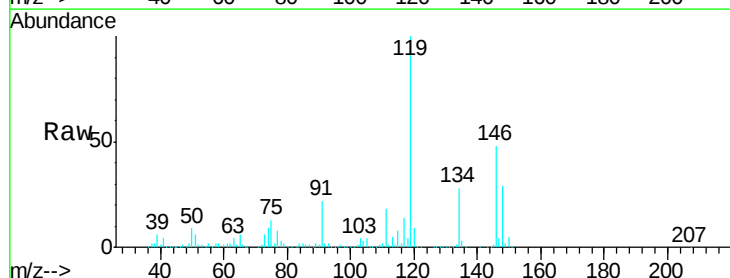
Tgt Ion:119 Resp: 559368

Ion Ratio Lower Upper

119 100

134 26.9 13.9 41.6

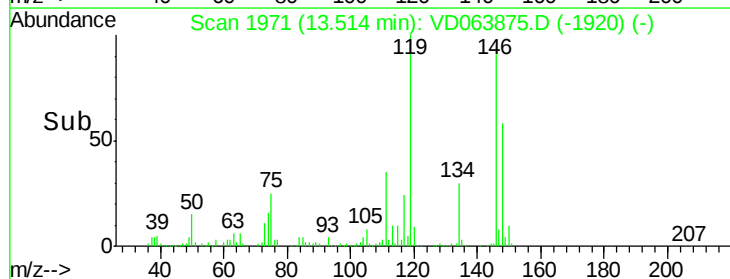
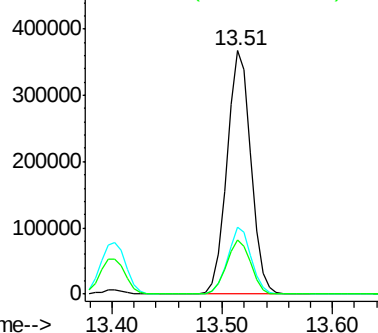
91 22.6 11.2 33.5

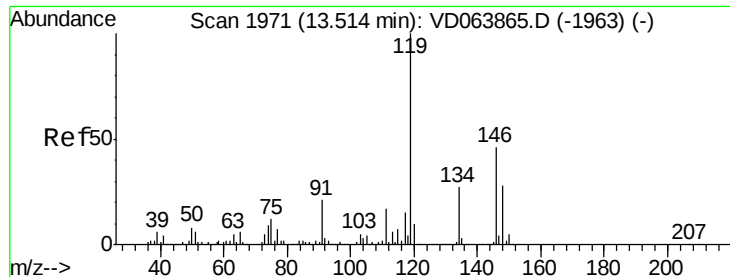


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

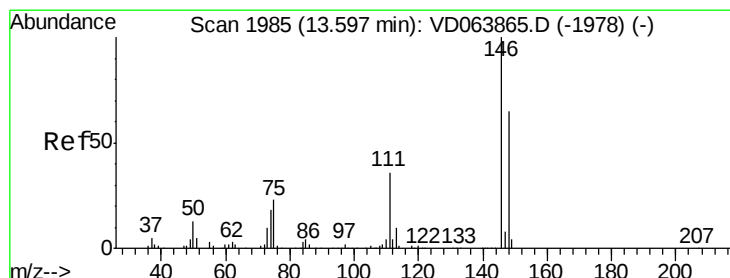
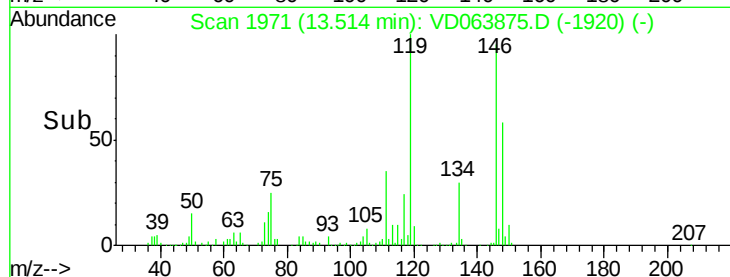
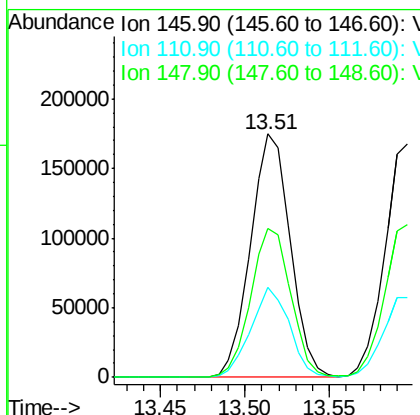
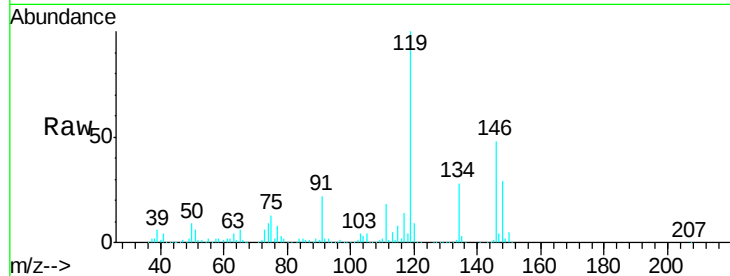




#87
 1,3-Dichlorobenzene
 Concen: 49.223 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

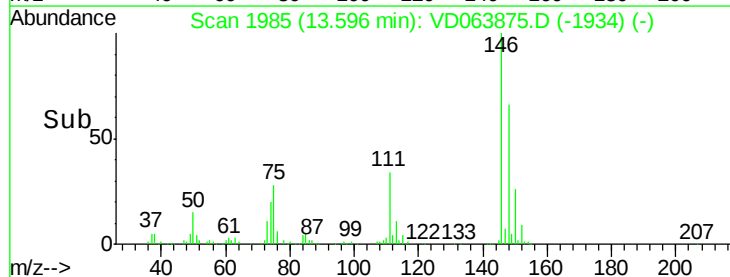
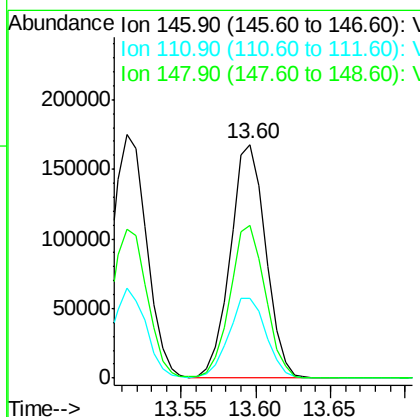
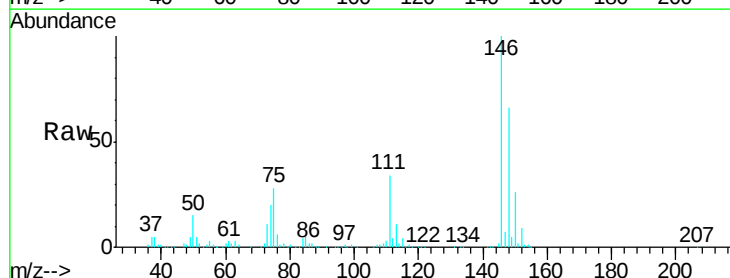
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

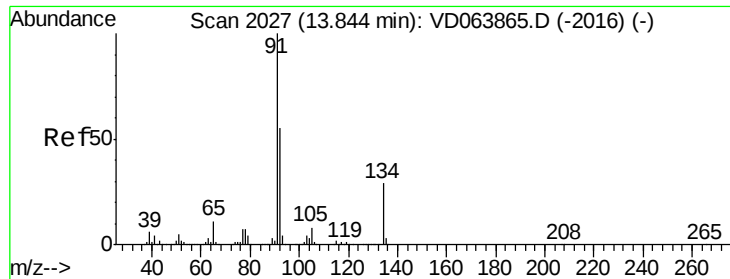
Tgt Ion:146 Resp: 286227
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.3 54.9
 148 61.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.498 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD063875.D
 Acq: 03 Oct 2019 14:53

Tgt Ion:146 Resp: 278214
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.6 56.0
 148 65.2 32.6 98.0

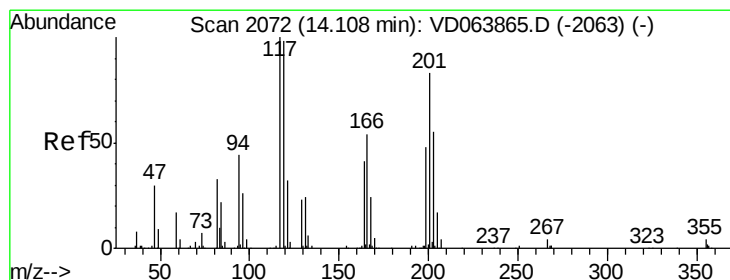
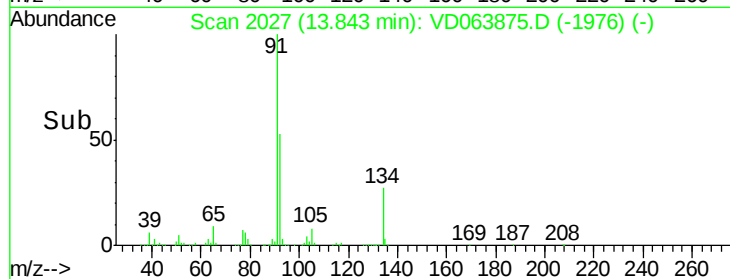
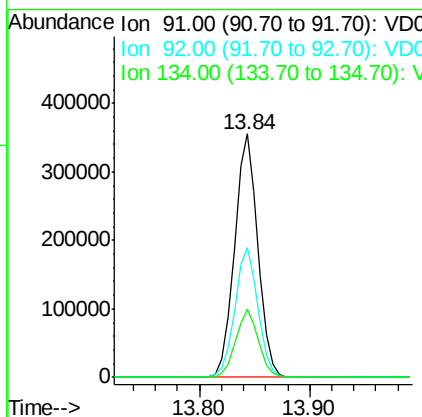
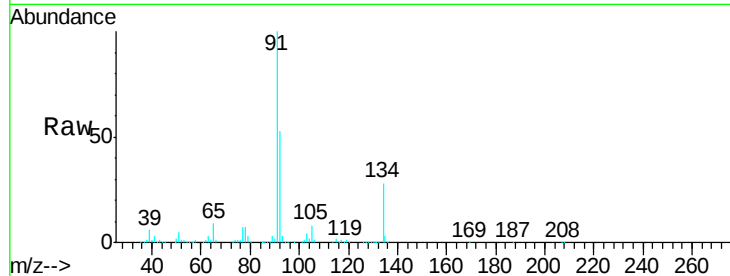




#89
n-Butylbenzene
Concen: 50.055 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

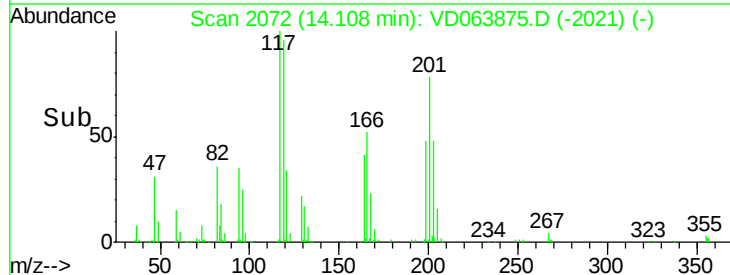
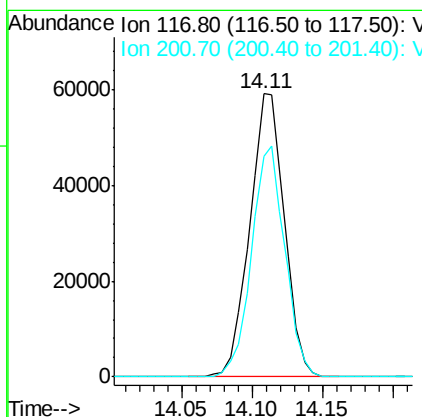
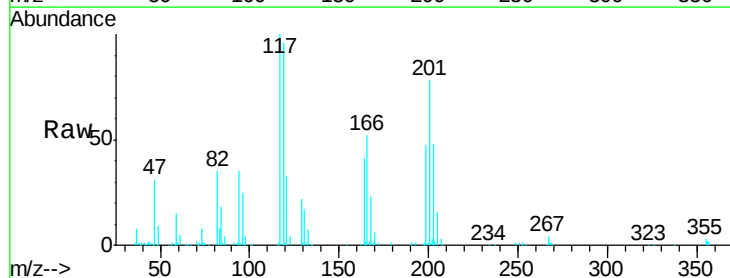
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

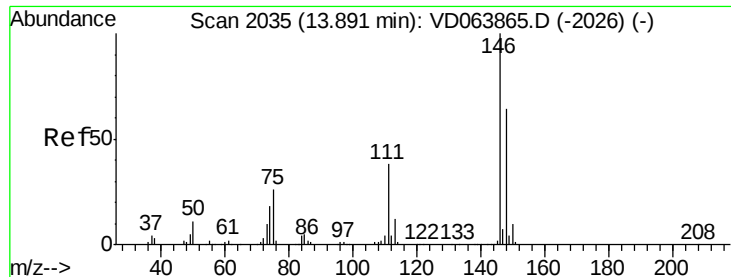
Tgt Ion: 91 Resp: 522196
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.3
134 27.4 14.4 43.0



#90
Hexachloroethane
Concen: 50.630 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion: 117 Resp: 102058
Ion Ratio Lower Upper
117 100
201 78.4 40.6 121.7





#91

1,2-Dichlorobenzene

Concen: 49.041 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

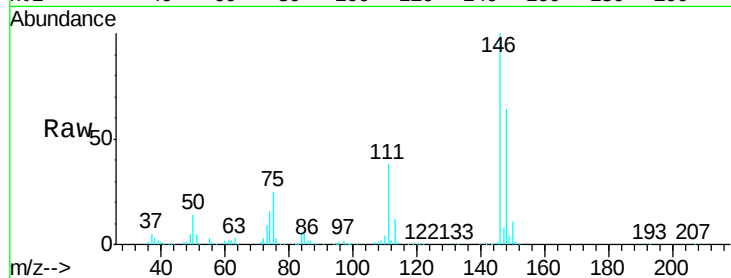
Tgt Ion:146 Resp: 245752

Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.6

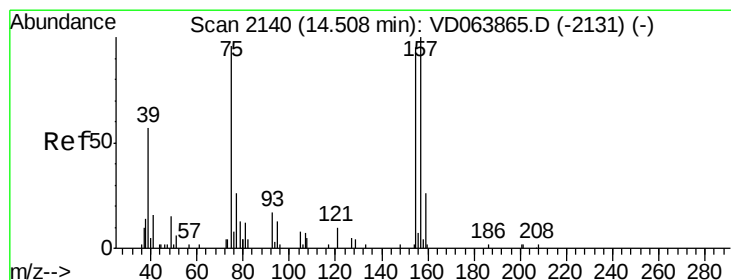
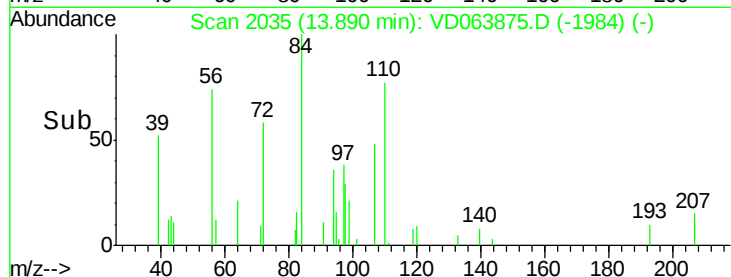
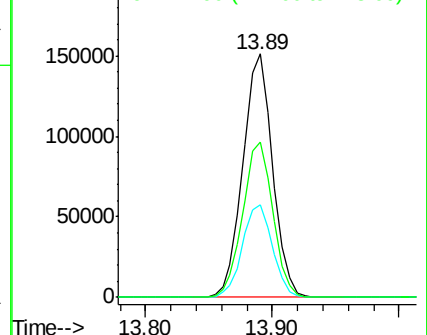
148 64.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.910 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

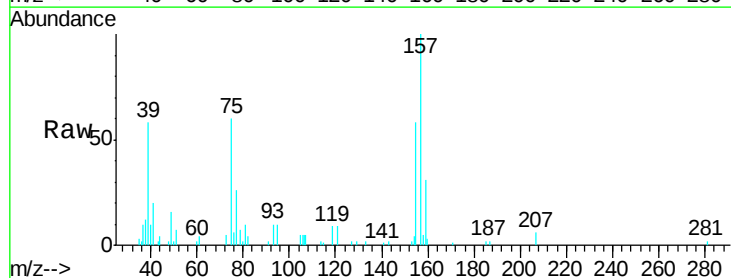
Tgt Ion: 75 Resp: 13815

Ion Ratio Lower Upper

75 100

155 106.8 43.9 131.6

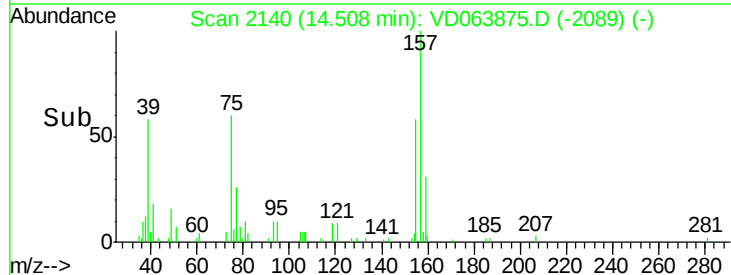
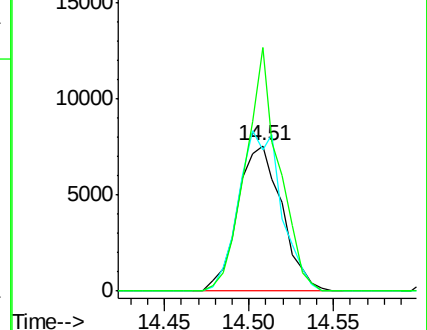
157 127.1 56.0 167.9

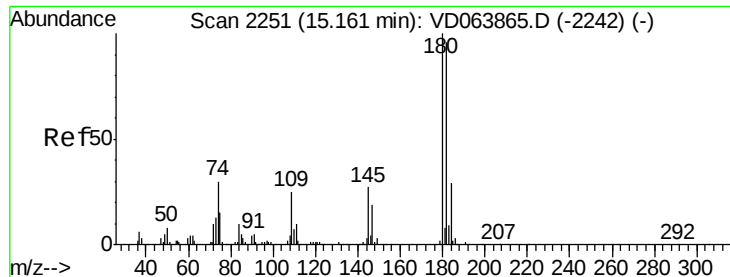


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.335 ug/l

RT: 15.16 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

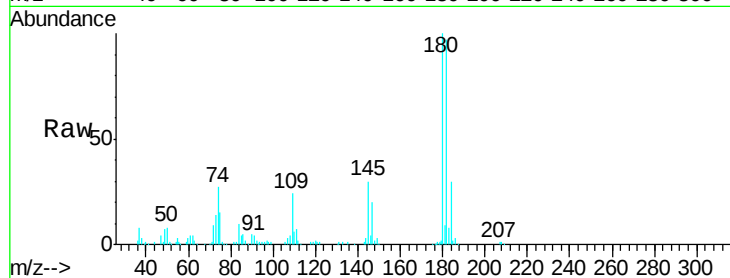
Tgt Ion:180 Resp: 190761

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

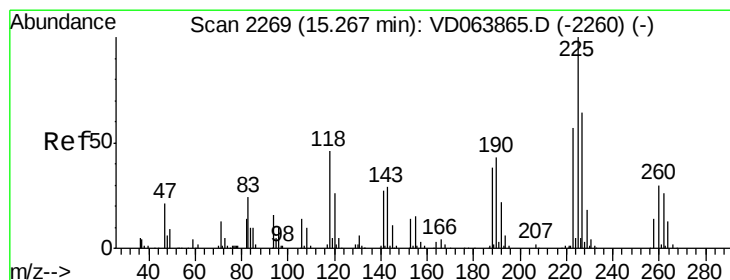
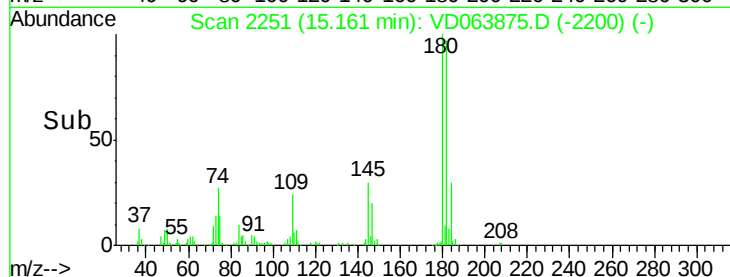
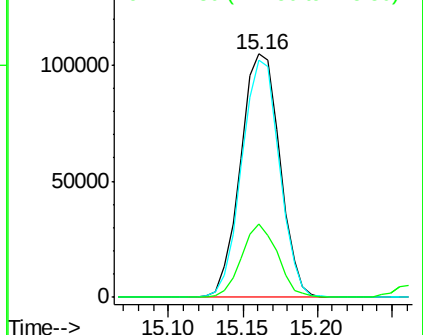
145 27.8 13.9 41.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.221 ug/l

RT: 15.27 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VD063875.D

Acq: 03 Oct 2019 14:53

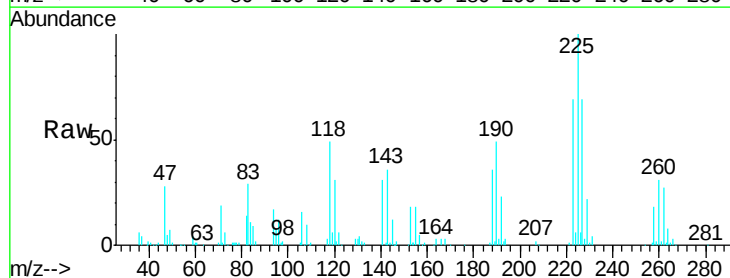
Tgt Ion:225 Resp: 102891

Ion Ratio Lower Upper

225 100

223 65.4 29.5 88.6

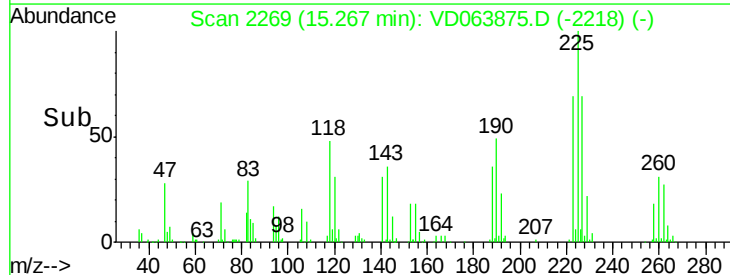
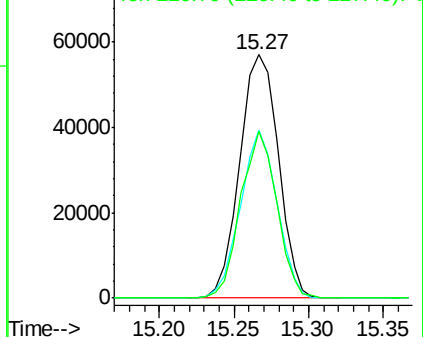
227 63.8 30.8 92.4

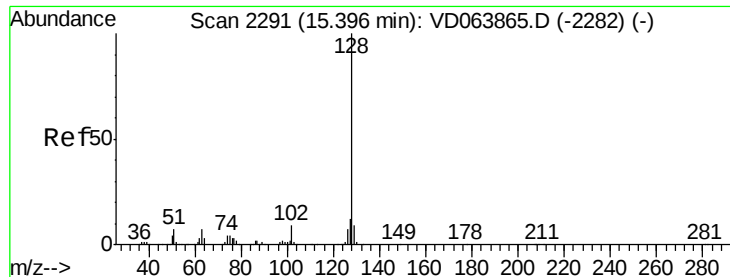


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

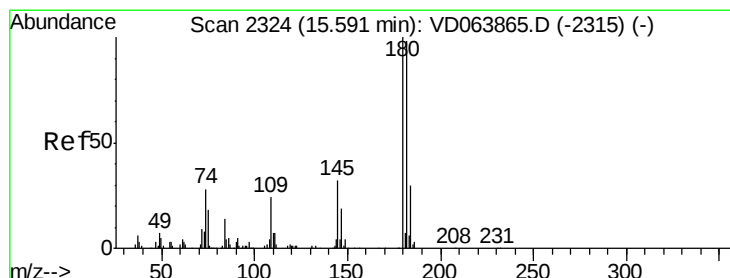
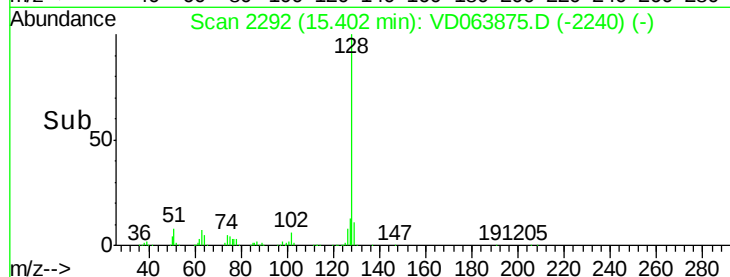
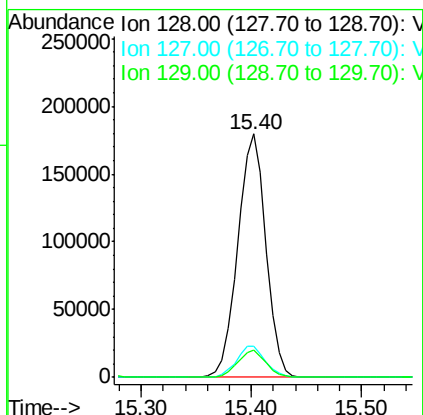
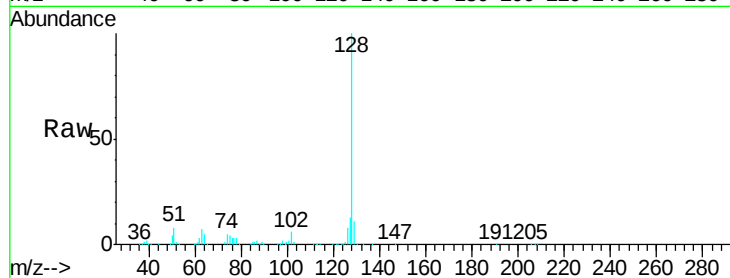




#95
Naphthalene
Concen: 49.416 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 321151
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.509 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.01 min
Lab File: VD063875.D
Acq: 03 Oct 2019 14:53

Tgt Ion:180 Resp: 161830
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 32.1 15.3 45.9

