

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065918.D
 Acq On : 01 Jul 2020 20:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 04:48:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	135091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	233995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	216132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	100321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	76873	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.92	113	71512	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.34	98	261160	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.64	95	84605	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57465	44.487	ug/l	97
3) Chloromethane	2.21	50	89138	49.653	ug/l	96
4) Vinyl Chloride	2.35	62	95670	48.042	ug/l	99
5) Bromomethane	2.77	94	68460	52.561	ug/l	95
6) Chloroethane	2.93	64	64085	51.032	ug/l	98
7) Trichlorofluoromethane	3.27	101	126499	50.392	ug/l	94
8) Diethyl Ether	3.70	74	38507	58.348	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	68573	48.475	ug/l	99
10) Methyl Iodide	4.30	142	70358	47.815	ug/l	99
11) Tert butyl alcohol	5.21	59	25817	373.190	ug/l #	69
12) 1,1-Dichloroethene	4.06	96	64303	48.768	ug/l	97
13) Acrolein	3.93	56	26861	263.349	ug/l	95
14) Allyl chloride	4.71	41	113455	54.548	ug/l	96
15) Acrylonitrile	5.41	53	84713	301.966	ug/l	98
16) Acetone	4.15	43	72002	261.849	ug/l	96
17) Carbon Disulfide	4.40	76	216441	48.587	ug/l	98
18) Methyl Acetate	4.72	43	37110	60.864	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	172927	59.809	ug/l	96
20) Methylene Chloride	4.97	84	91693	65.620	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	78730	52.144	ug/l	97
22) Diisopropyl ether	6.36	45	250005	57.634	ug/l	95
23) Vinyl Acetate	6.30	43	753209	300.430	ug/l	100
24) 1,1-Dichloroethane	6.26	63	144400	55.799	ug/l	98
25) 2-Butanone	7.21	43	113300	308.754	ug/l	95
26) 2,2-Dichloropropane	7.21	77	123140	51.851	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	87607	52.440	ug/l	98
28) Bromochloromethane	7.55	49	57863	59.499	ug/l	93
29) Tetrahydrofuran	7.57	42	71971	308.757	ug/l	98
30) Chloroform	7.71	83	152847	55.163	ug/l	96
31) Cyclohexane	7.99	56	117047	46.557	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	134864	53.043	ug/l	98
36) 1,1-Dichloropropene	8.11	75	109660	48.060	ug/l	97
37) Ethyl Acetate	7.29	43	51809	59.382	ug/l #	96
38) Carbon Tetrachloride	8.10	117	122880	49.872	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	127385	46.987	ug/l	97
40) Benzene	8.35	78	317719	50.190	ug/l	98
41) Methacrylonitrile	7.56	41	71128	148.597	ug/l #	28
42) 1,2-Dichloroethane	8.43	62	103015	55.162	ug/l	98
43) Isopropyl Acetate	8.46	43	98862	58.478	ug/l	98
44) Trichloroethene	9.11	130	84192	49.094	ug/l	99
45) 1,2-Dichloropropane	9.38	63	78073	51.486	ug/l	99
46) Dibromomethane	9.48	93	45537	54.173	ug/l	97
47) Bromodichloromethane	9.66	83	121920	54.584	ug/l	96
48) Methyl methacrylate	9.46	41	45869	55.352	ug/l	96
49) 1,4-Dioxane	9.46	88	9946	1156.709	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	260205	298.592	ug/l	98
52) Toluene	10.40	92	204970	49.802	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	111769	52.421	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	130002	51.928	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	61200	54.940	ug/l	86
56) Ethyl methacrylate	10.66	69	75972	54.926	ug/l	93
57) 1,3-Dichloropropane	10.95	76	105724	54.106	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	174327	287.536	ug/l	99
59) 2-Hexanone	10.98	43	177727	290.957	ug/l	98
60) Dibromochloromethane	11.14	129	79245	52.082	ug/l	99
61) 1,2-Dibromoethane	11.25	107	58626	53.773	ug/l	98
64) Tetrachloroethene	10.87	164	67130	47.565	ug/l	97
65) Chlorobenzene	11.67	112	215096	50.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	78765	49.319	ug/l	98
67) Ethyl Benzene	11.75	91	392593	49.307	ug/l	98
68) m/p-Xylenes	11.86	106	292805	96.587	ug/l	95
69) o-Xylene	12.18	106	137126	50.336	ug/l	99
70) Styrene	12.20	104	243900	51.202	ug/l	99
71) Bromoform	12.37	173	44005	51.884	ug/l #	100
73) Isopropylbenzene	12.48	105	363338	50.567	ug/l	99
74) N-amyl acetate	12.29	43	93587	58.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	68389	57.822	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	89143	101.549	ug/l #	1
77) Bromobenzene	12.77	156	84106	52.063	ug/l	94
78) n-propylbenzene	12.83	91	445547	51.470	ug/l	97
79) 2-Chlorotoluene	12.91	91	244692	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	313517	52.195	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21835	53.438	ug/l	98
82) 4-Chlorotoluene	13.01	91	264192	51.850	ug/l	100
83) tert-Butylbenzene	13.23	119	256240	50.691	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	315731	53.360	ug/l	98
85) sec-Butylbenzene	13.41	105	365202	50.697	ug/l	99
86) p-Isopropyltoluene	13.52	119	336402	51.413	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	163857	52.206	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	160080	50.695	ug/l	98
89) n-Butylbenzene	13.85	91	313702	49.168	ug/l	99
90) Hexachloroethane	14.11	117	68461	51.272	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	140501	51.098	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11383	62.130	ug/l	95

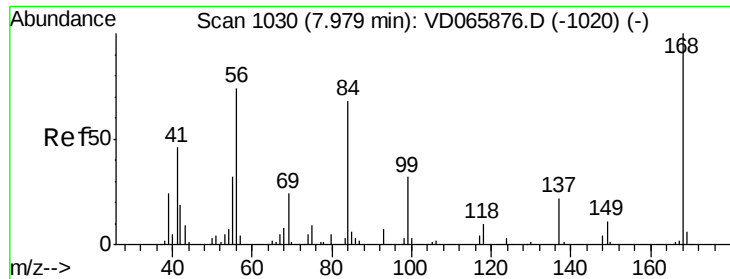
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87448	50.167	ug/l	98
94) Hexachlorobutadiene	15.27	225	50238	50.528	ug/l	97
95) Naphthalene	15.41	128	174265	55.682	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	78471	53.947	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

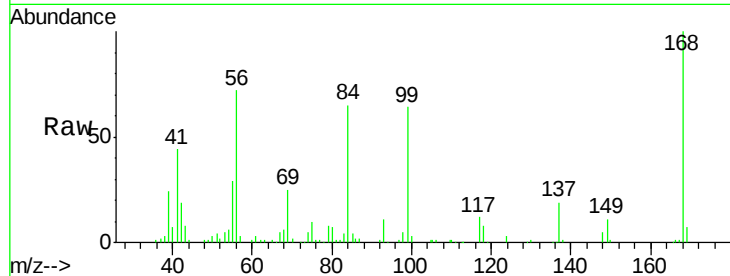
VSTDCCC050EC

Tot Ion:168 Resp: 135091

Ion Ratio Lower Upper

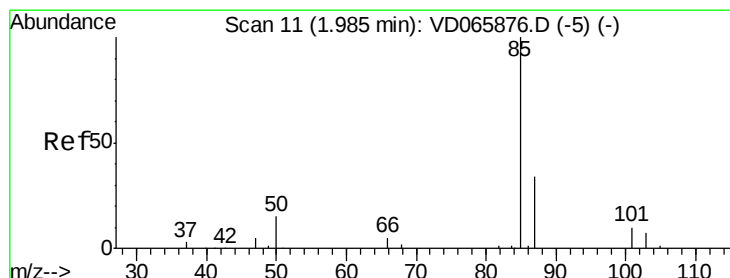
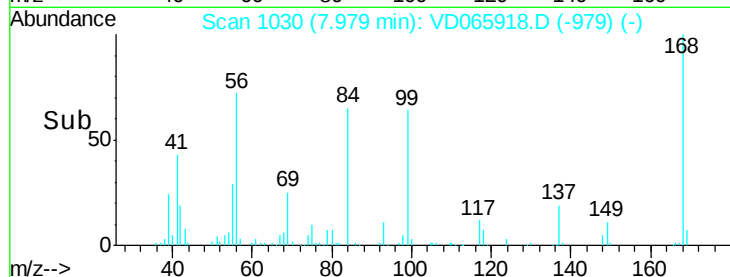
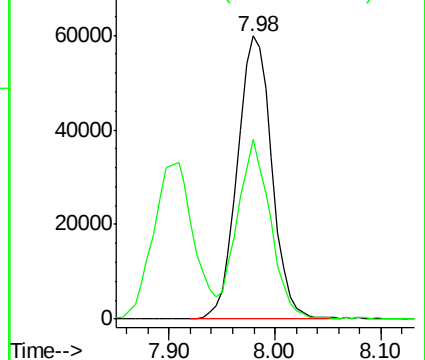
168 100

99 63.3 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.487 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065918.D

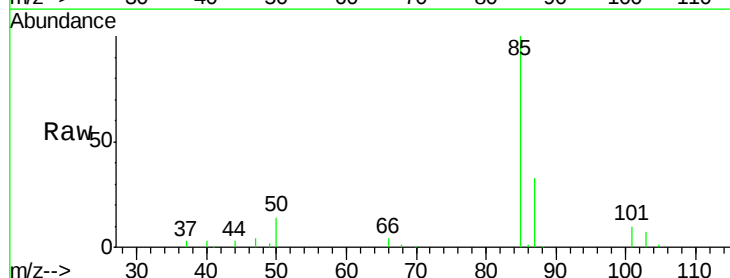
Acq: 01 Jul 2020 20:45

Tgt Ion: 85 Resp: 57465

Ion Ratio Lower Upper

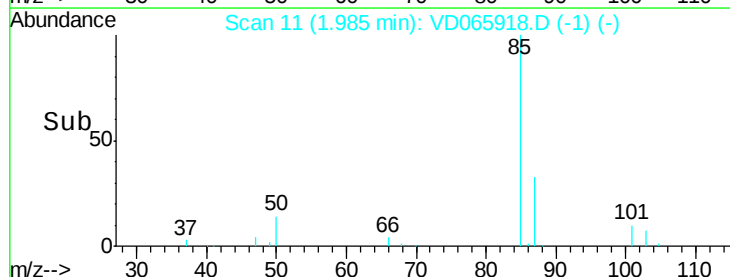
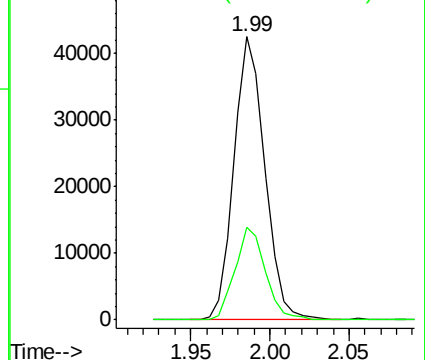
85 100

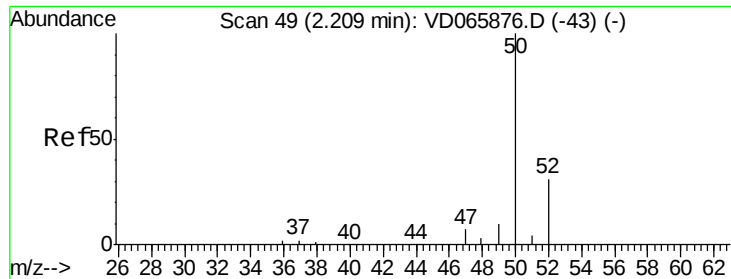
87 32.8 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.653 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

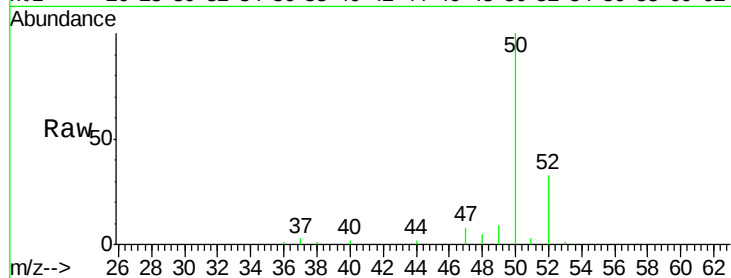
VSTDCCC050EC

Tot Ion: 50 Resp: 89138

Ion Ratio Lower Upper

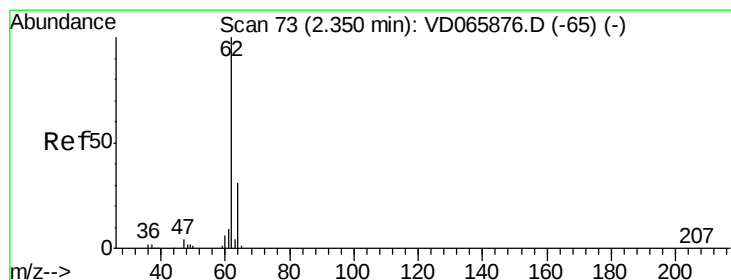
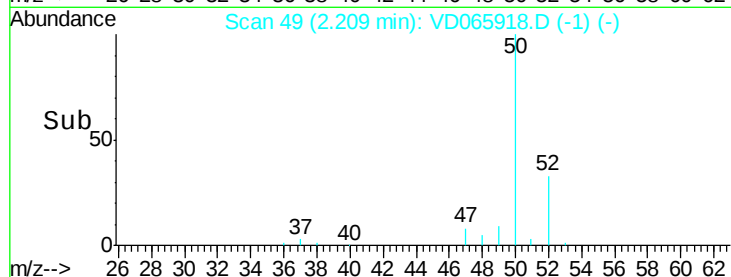
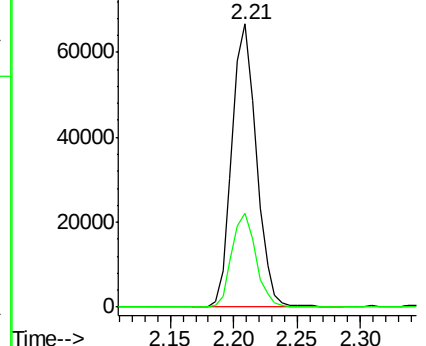
50 100

52 33.3 24.7 37.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.042 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065918.D

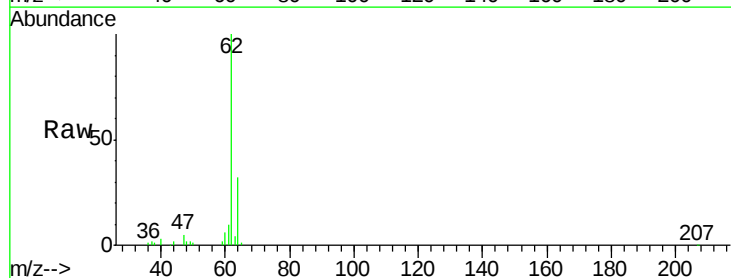
Acq: 01 Jul 2020 20:45

Tgt Ion: 62 Resp: 95670

Ion Ratio Lower Upper

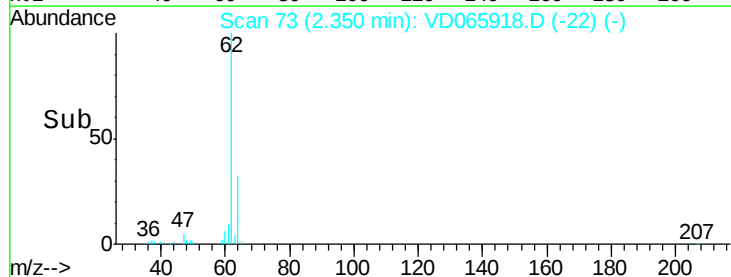
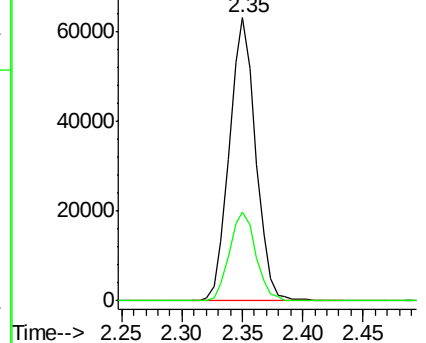
62 100

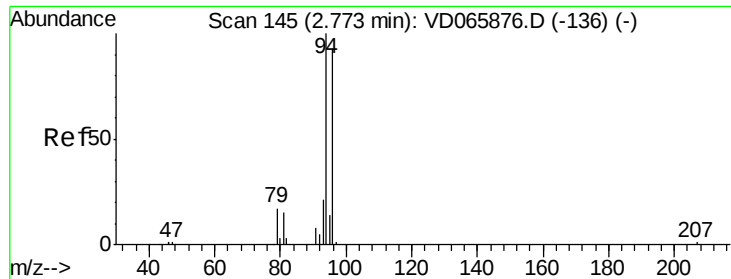
64 31.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.561 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

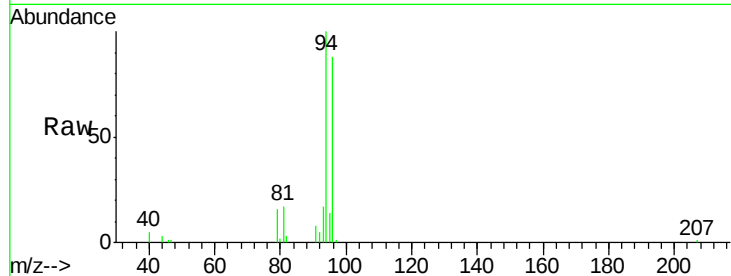
VSTDCCC050EC

Tot Ion: 94 Resp: 68460

Ion Ratio Lower Upper

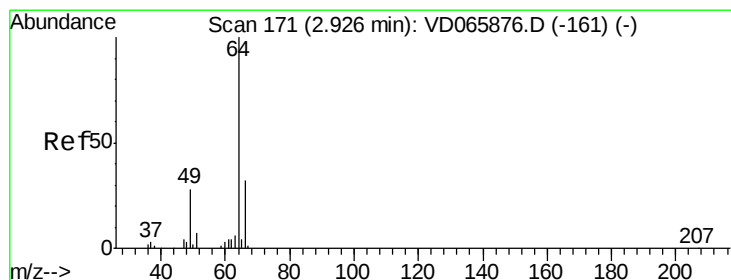
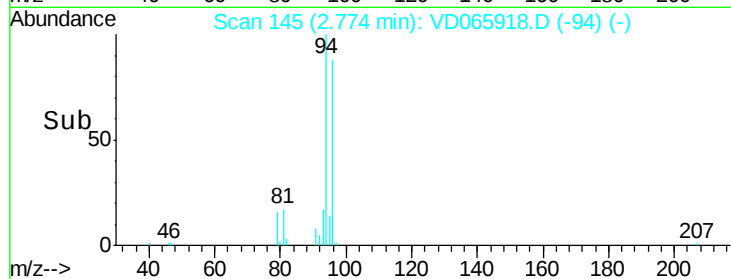
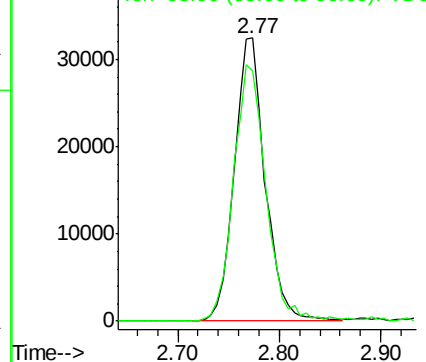
94 100

96 88.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.032 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065918.D

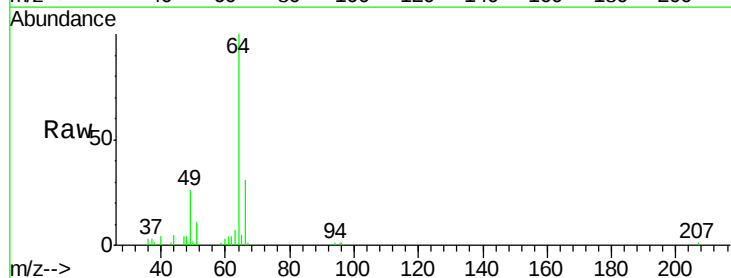
Acq: 01 Jul 2020 20:45

Tgt Ion: 64 Resp: 64085

Ion Ratio Lower Upper

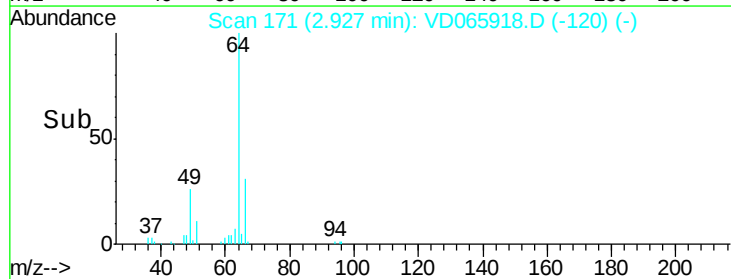
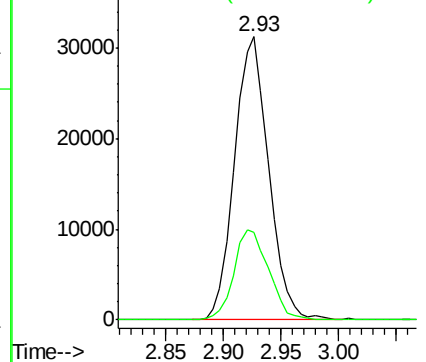
64 100

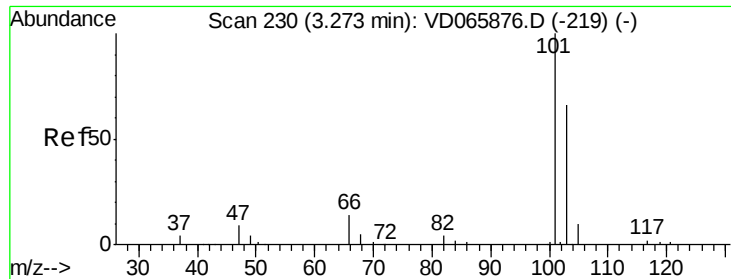
66 31.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



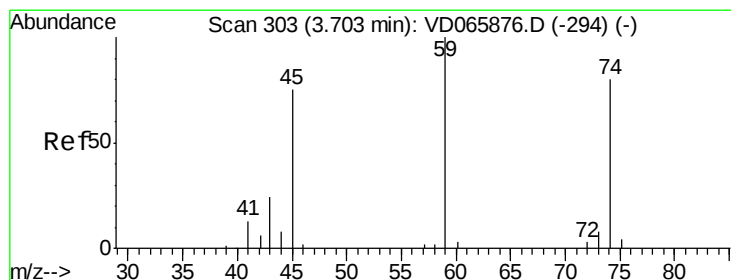
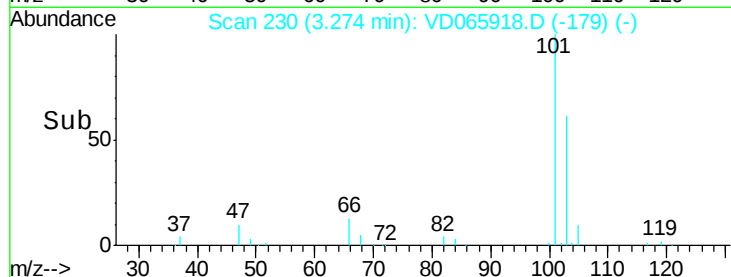
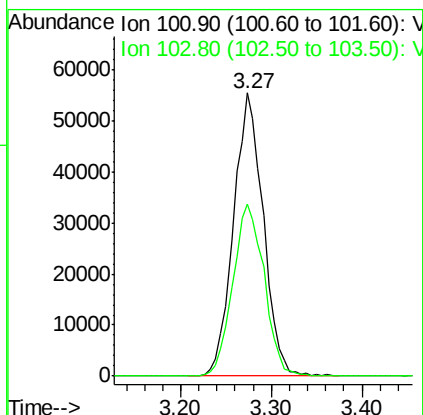
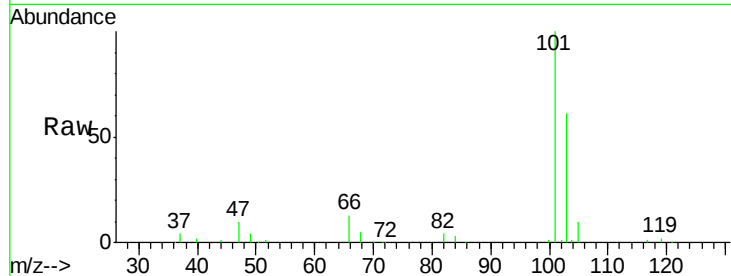


#7

Trichlorofluoromethane
 Concen: 50.392 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Instrument :
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 VSTDCCC050EC

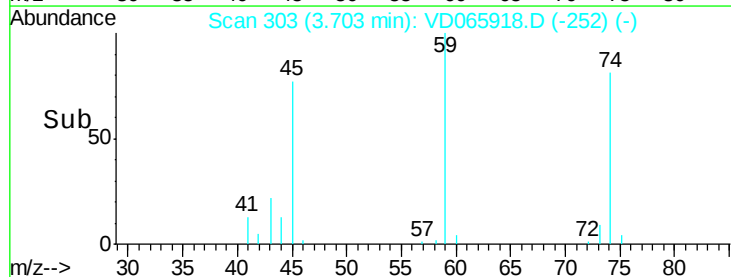
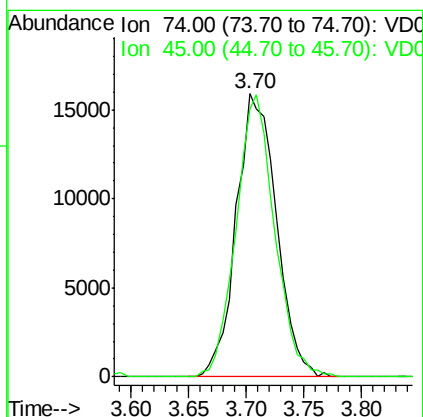
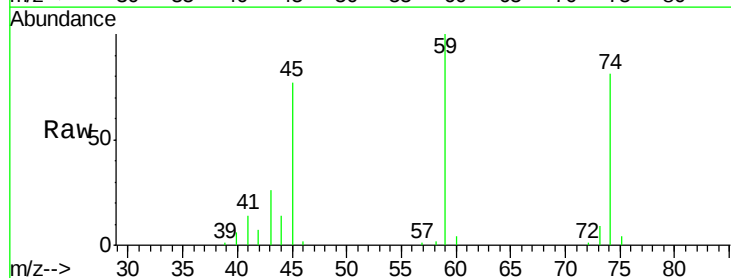
Tot Ion:101 Resp: 126499
 Ion Ratio Lower Upper
 101 100
 103 61.0 52.9 79.3

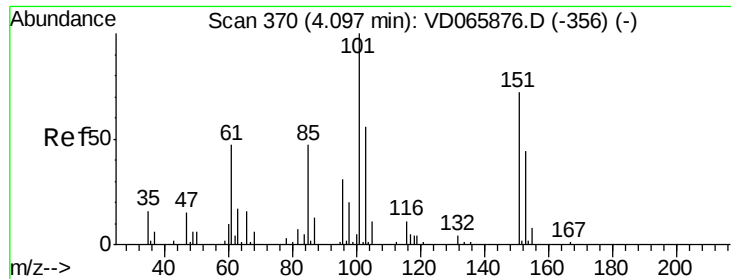


#8

Diethyl Ether
 Concen: 58.348 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 74 Resp: 38507
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.475 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

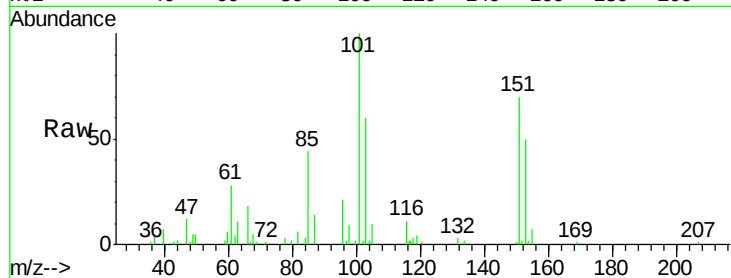
Tot Ion:101 Resp: 68573

Ion Ratio Lower Upper

101 100

85 48.1 38.6 58.0

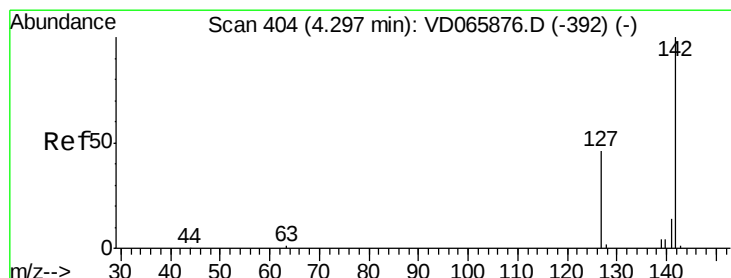
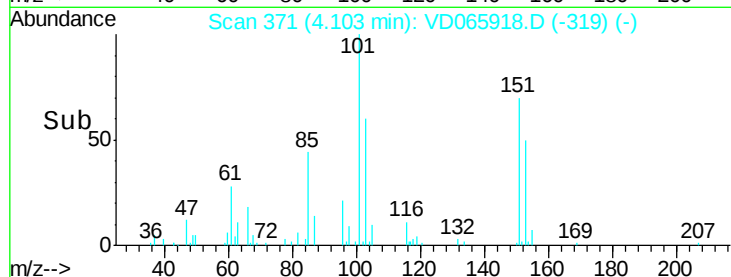
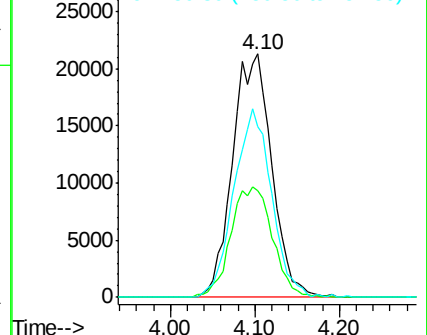
151 74.1 60.7 91.1



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: 47.815 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

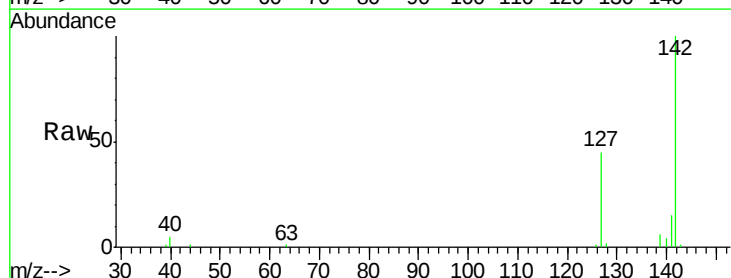
Tgt Ion:142 Resp: 70358

Ion Ratio Lower Upper

142 100

127 48.3 39.0 58.6

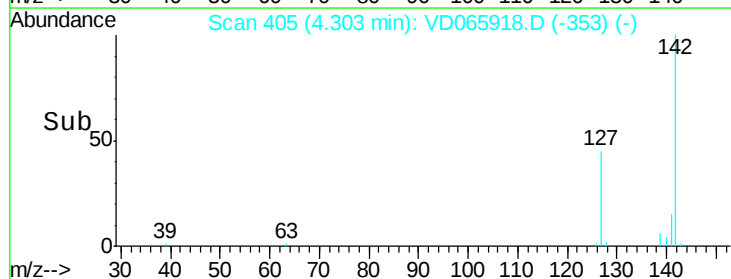
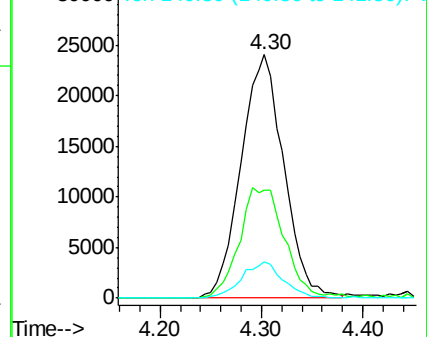
141 14.4 11.5 17.3

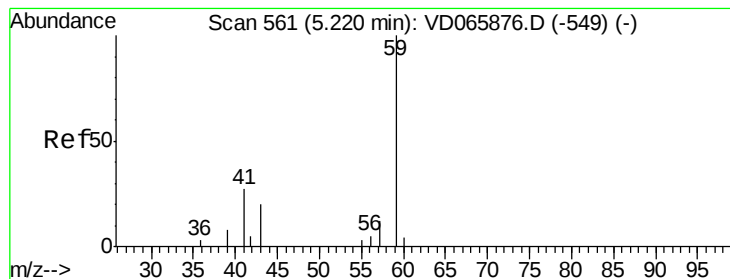


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



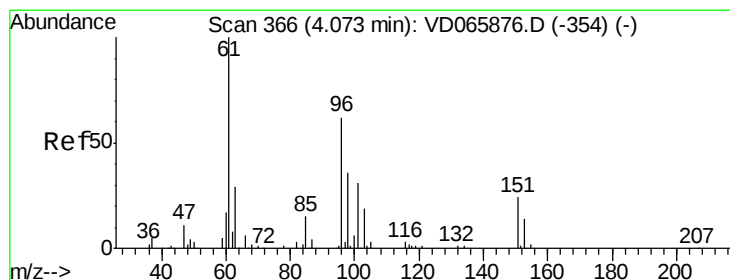
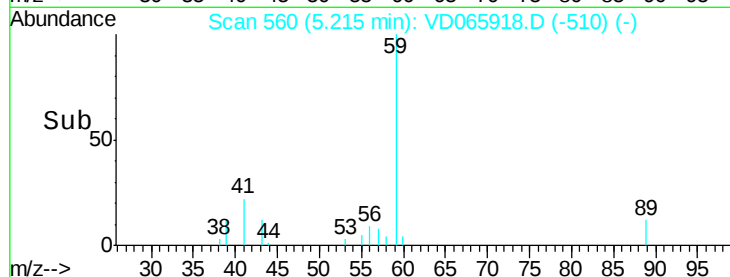
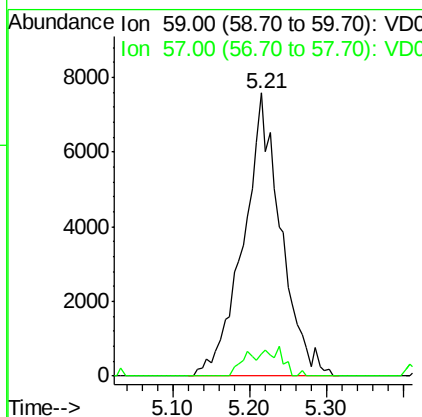
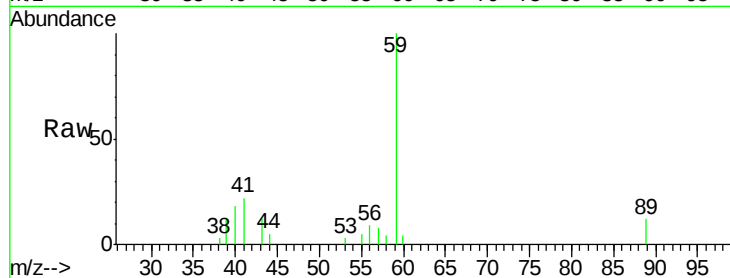


#11

Tert butyl alcohol
 Concen: 373.190 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

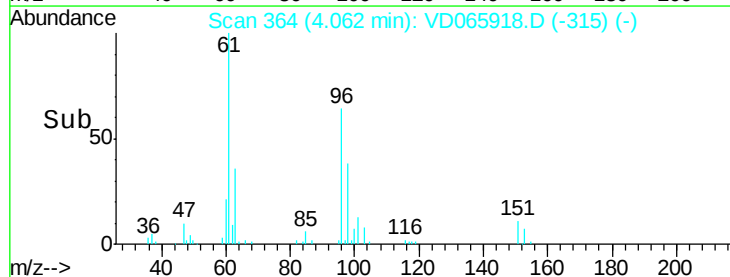
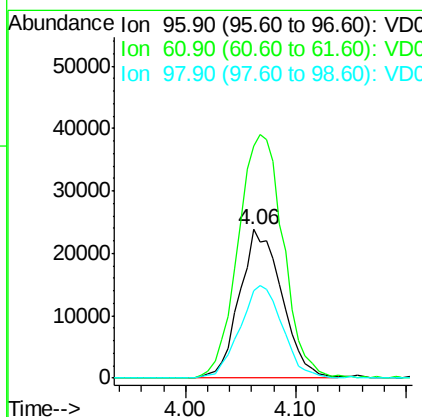
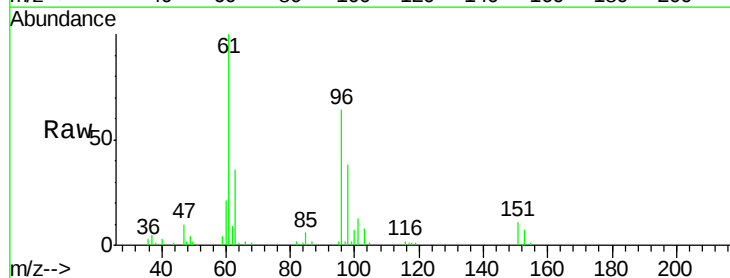
Tot Ion: 59 Resp: 25817
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.7 14.5#

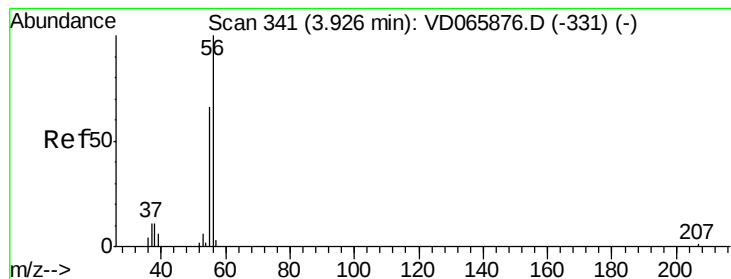


#12

1,1-Dichloroethene
 Concen: 48.768 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 96 Resp: 64303
 Ion Ratio Lower Upper
 96 100
 61 156.2 128.3 192.5
 98 58.7 46.2 69.2





#13

Acrolein

Concen: 263.349 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

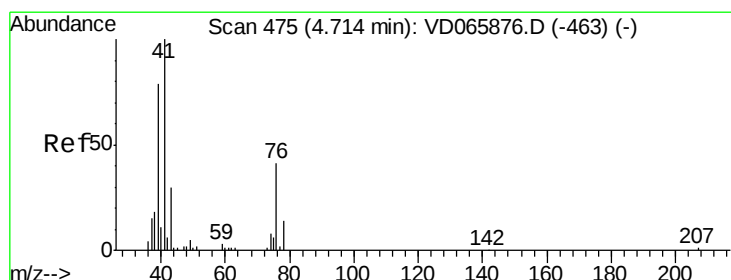
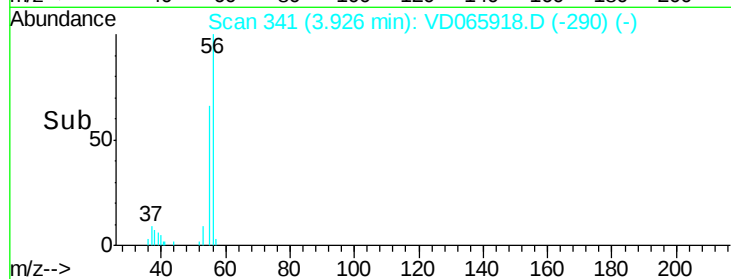
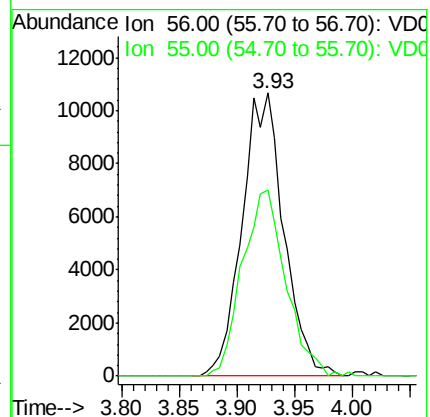
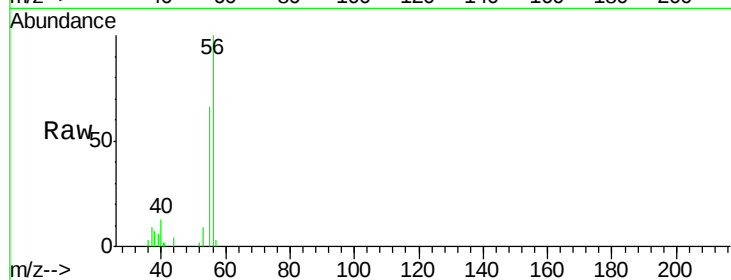
VSTDCCC050EC

Tot Ion: 56 Resp: 26861

Ion Ratio Lower Upper

56 100

55 68.2 58.1 87.1



#14

Allyl chloride

Concen: 54.548 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

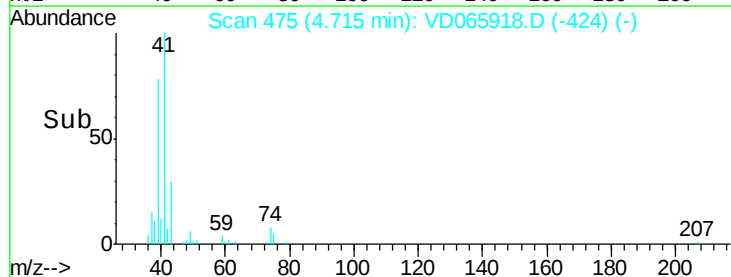
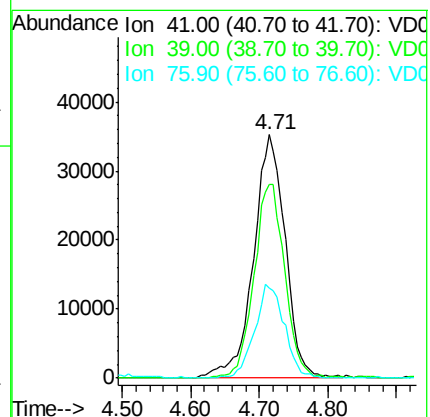
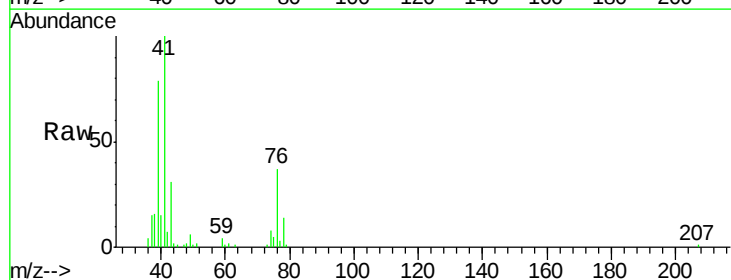
Tgt Ion: 41 Resp: 113455

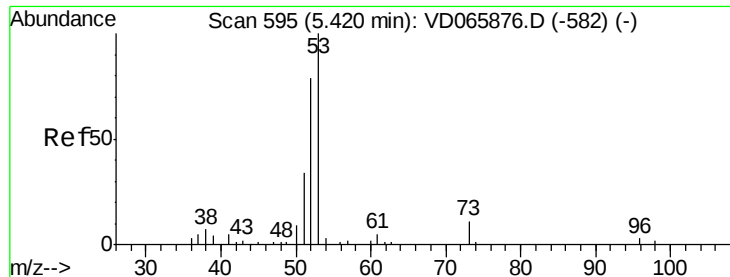
Ion Ratio Lower Upper

41 100

39 77.1 63.8 95.8

76 36.0 32.2 48.4





#15

Acrylonitrile

Concen: 301.966 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

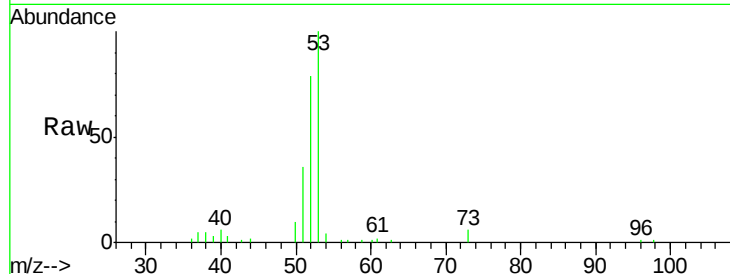
Tot Ion: 53 Resp: 84713

Ion Ratio Lower Upper

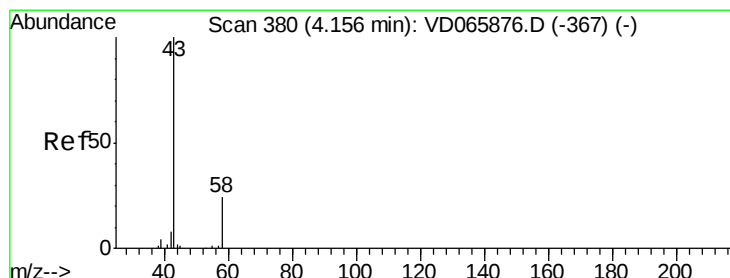
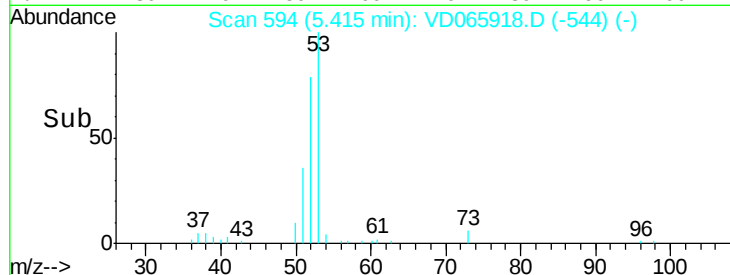
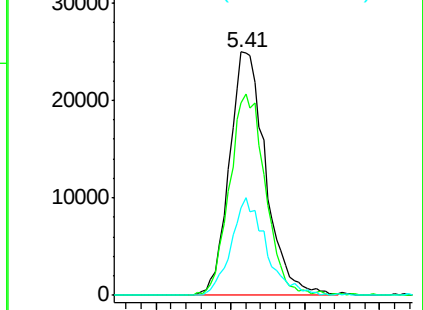
53 100

52 81.4 66.3 99.5

51 38.2 29.9 44.9



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: 261.849 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065918.D

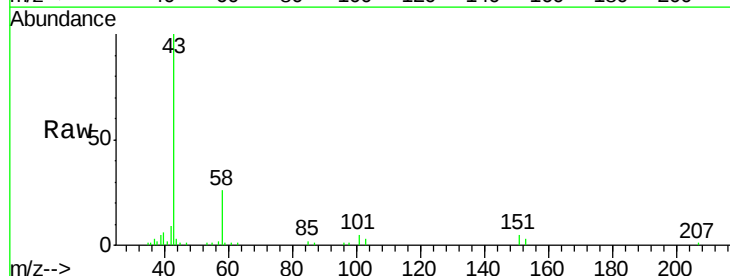
Acq: 01 Jul 2020 20:45

Tgt Ion: 43 Resp: 72002

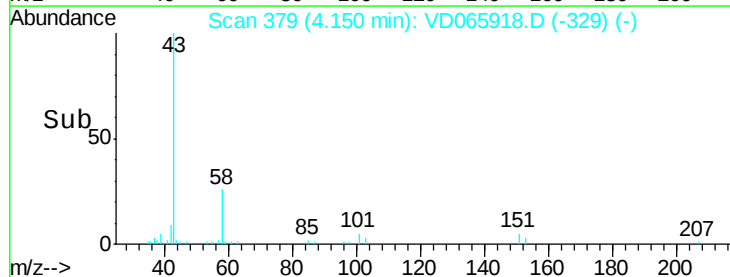
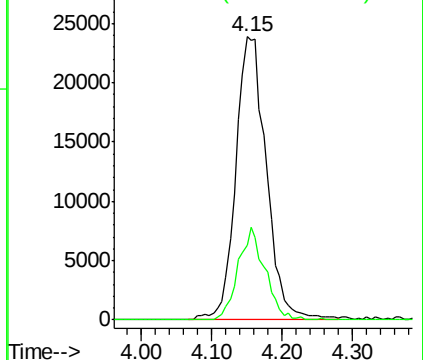
Ion Ratio Lower Upper

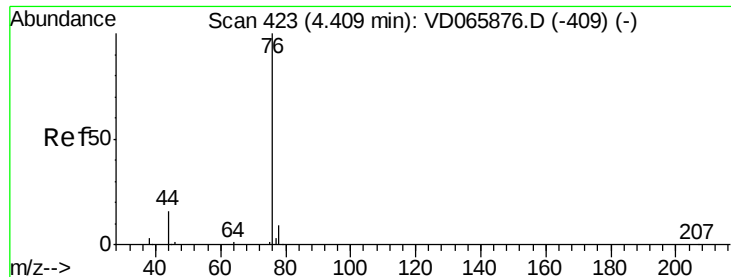
43 100

58 26.4 19.5 29.3



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





#17

Carbon Disulfide

Concen: 48.587 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

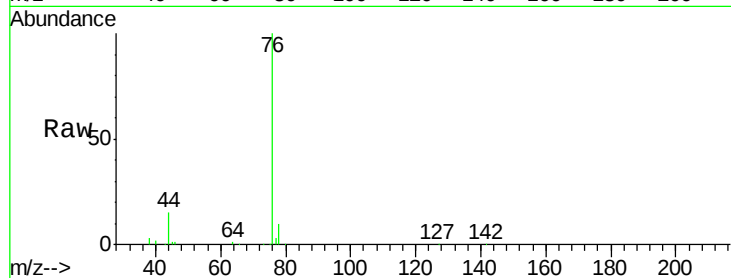
VSTDCCC050EC

Tot Ion: 76 Resp: 216441

Ion Ratio Lower Upper

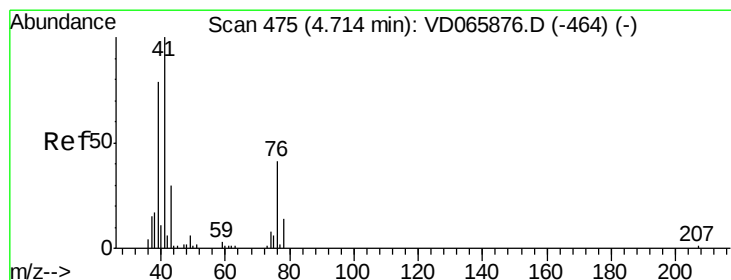
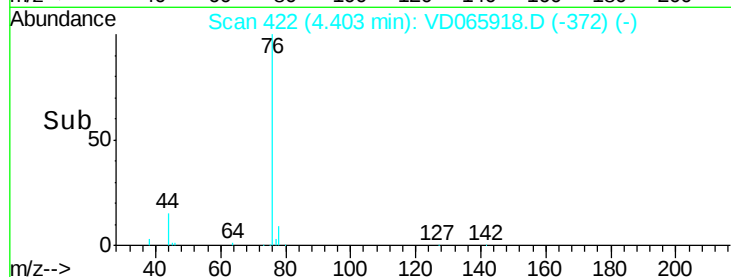
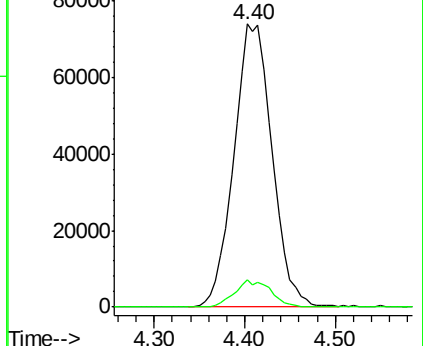
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 60.864 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065918.D

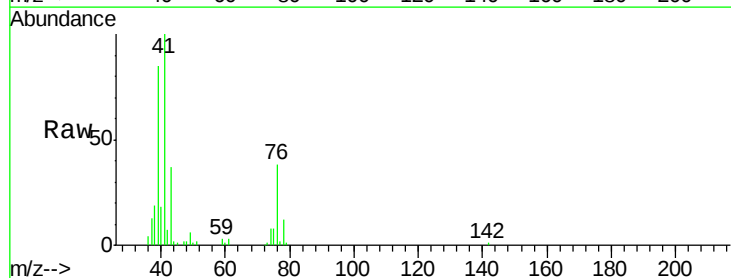
Acq: 01 Jul 2020 20:45

Tgt Ion: 43 Resp: 37110

Ion Ratio Lower Upper

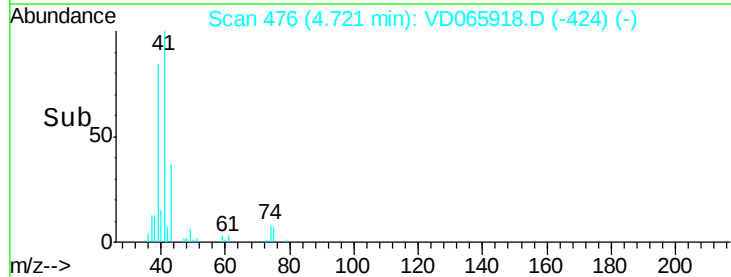
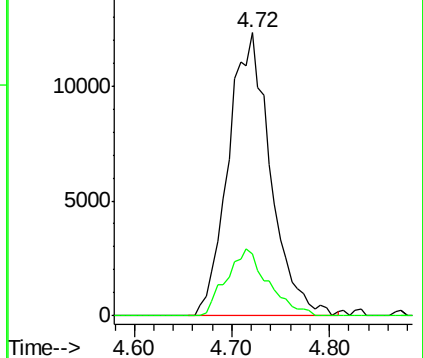
43 100

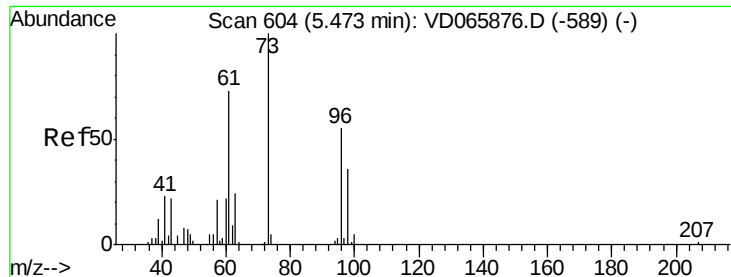
74 23.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

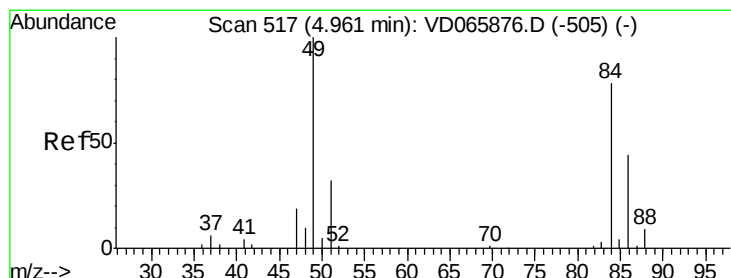
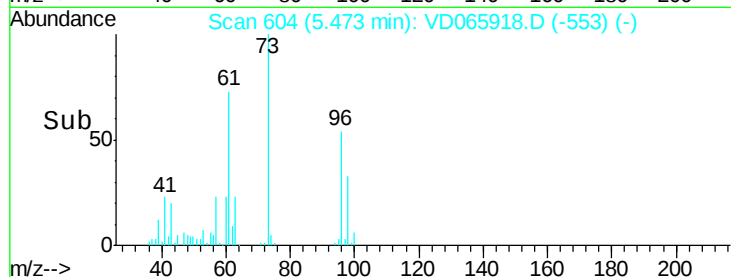
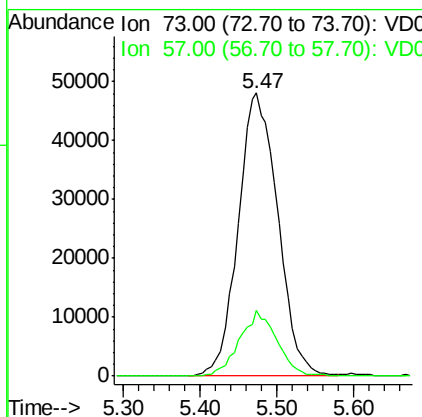
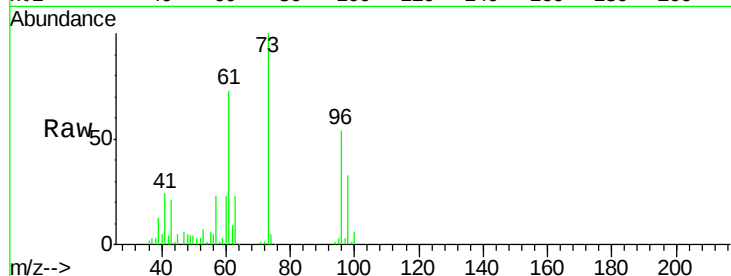




#19
Methvl tert-butvl Ether
Concen: 59.809 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

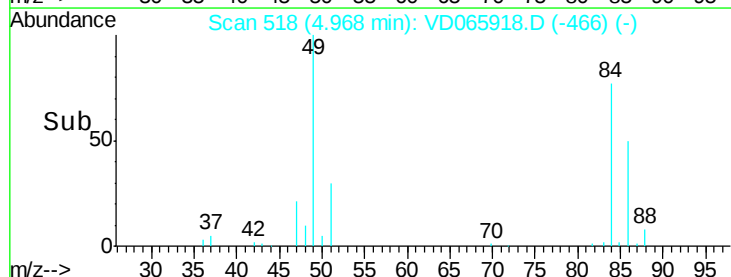
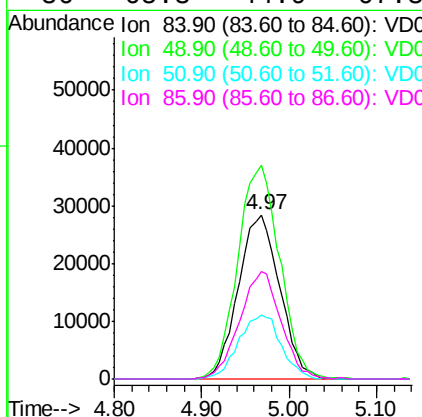
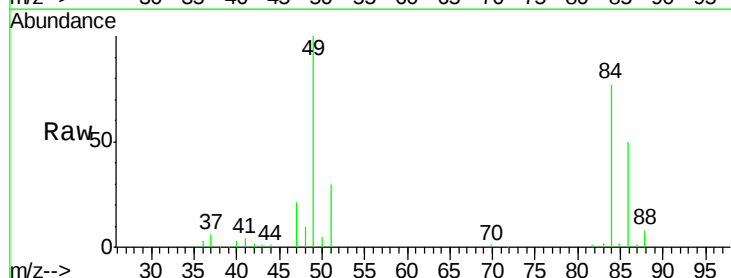
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

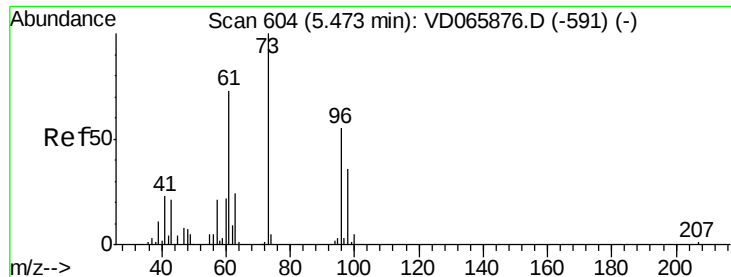
Tot Ion: 73 Resp: 172927
Ion Ratio Lower Upper
73 100
57 23.2 17.0 25.4



#20
Methylene Chloride
Concen: 65.620 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 84 Resp: 91693
Ion Ratio Lower Upper
84 100
49 129.9 103.0 154.6
51 39.1 32.7 49.1
86 65.3 44.9 67.3

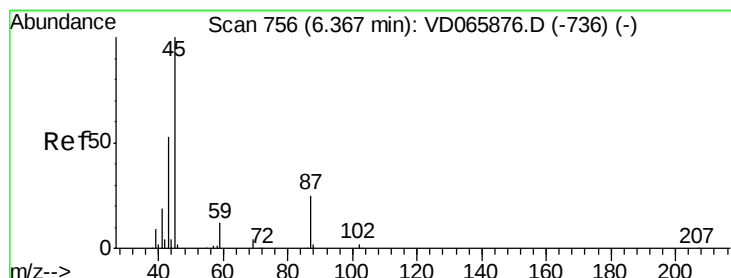
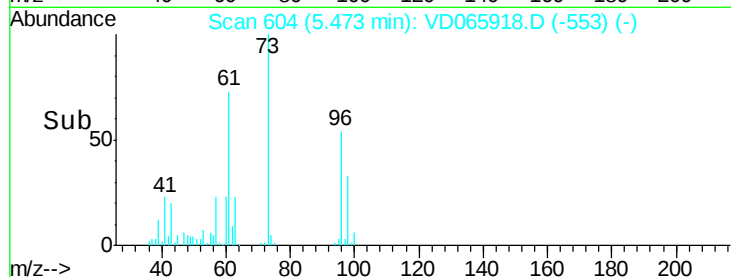
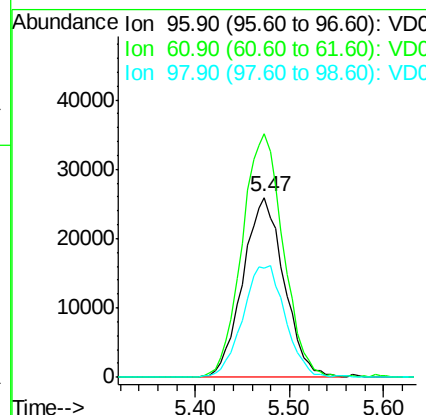
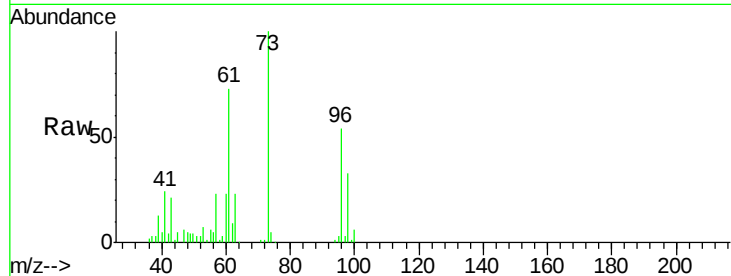




#21
trans-1,2-Dichloroethene
Concen: 52.144 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

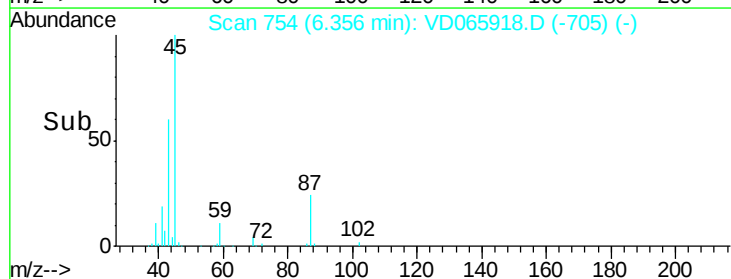
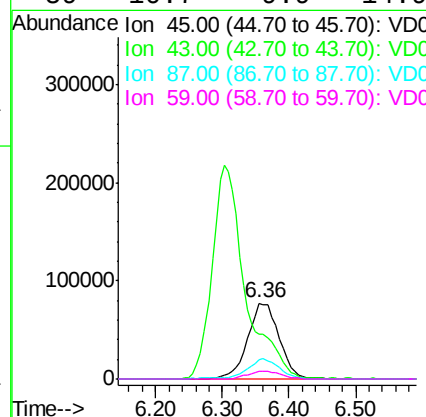
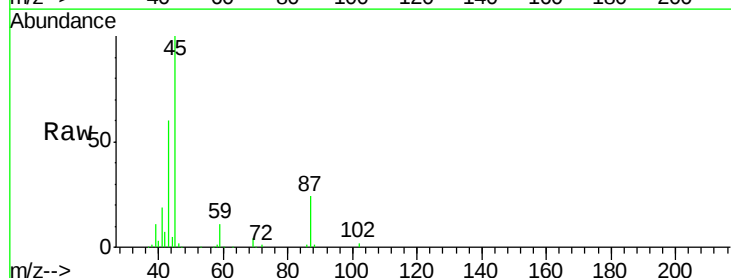
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

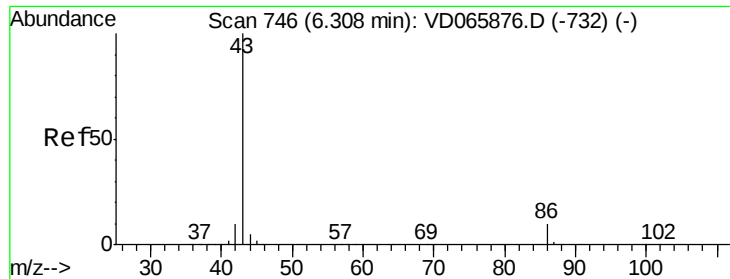
Tot Ion: 96 Resp: 78730
Ion Ratio Lower Upper
96 100
61 135.6 107.0 160.4
98 60.8 52.2 78.2



#22
Diisopropyl ether
Concen: 57.634 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 45 Resp: 250005
Ion Ratio Lower Upper
45 100
43 58.8 43.4 65.0
87 24.2 19.8 29.8
59 10.7 9.9 14.9





#23

Vinyl Acetate

Concen: 300.430 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

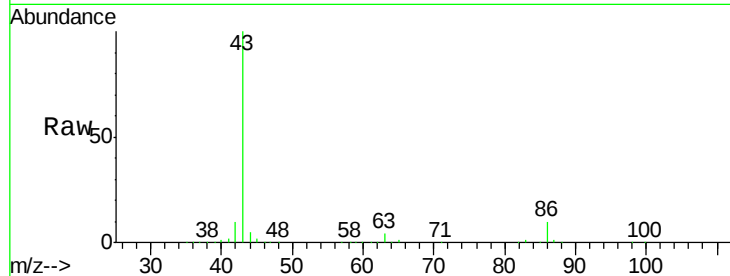
VSTDCCC050EC

Tot Ion: 43 Resp: 753209

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

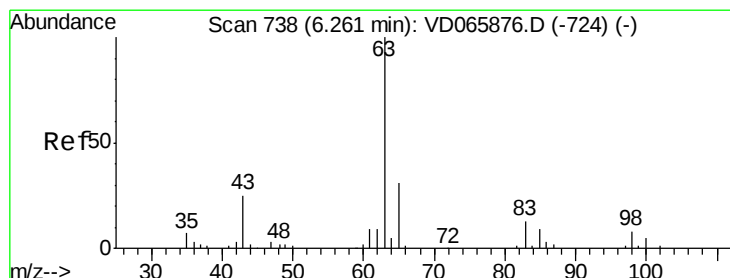
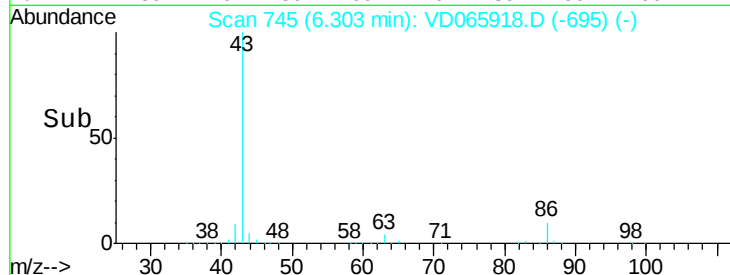
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.799 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

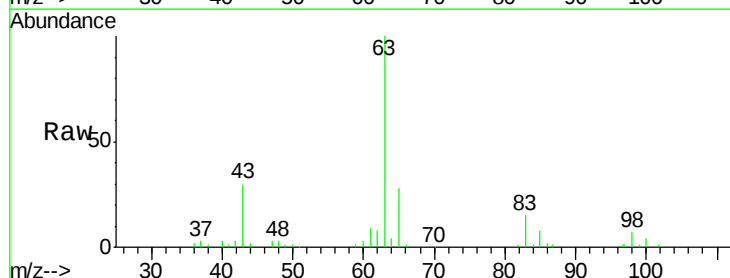
Tgt Ion: 63 Resp: 144400

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 3.9 2.4 7.2



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

6.26

60000

50000

40000

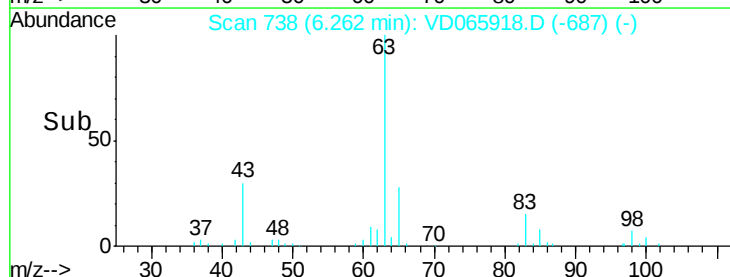
30000

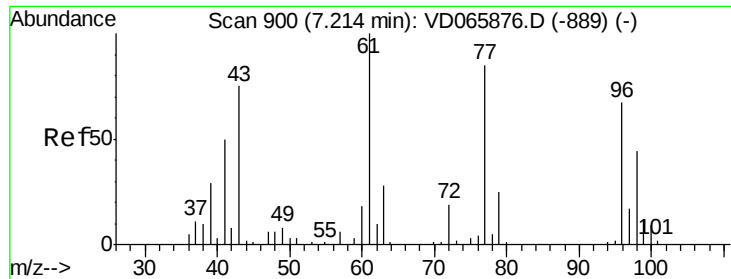
20000

10000

0

Time-->





#25

2-Butanone

Concen: 308.754 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

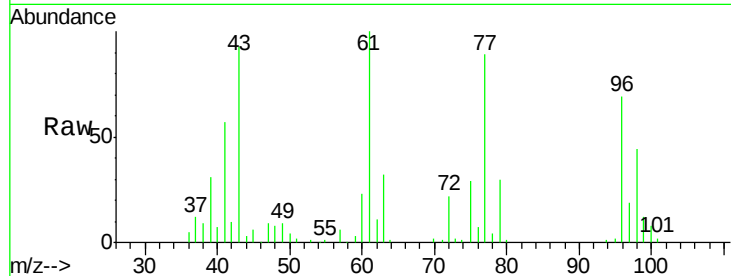
VSTDCCC050EC

Tot Ion: 43 Resp: 113300

Ion Ratio Lower Upper

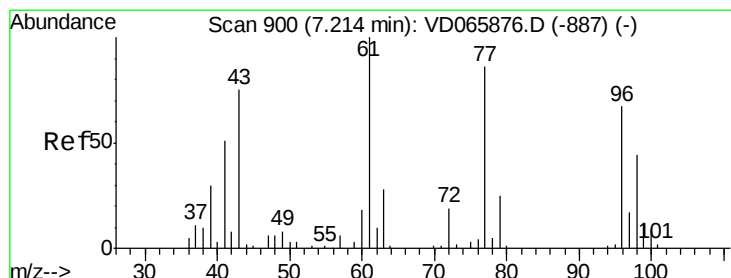
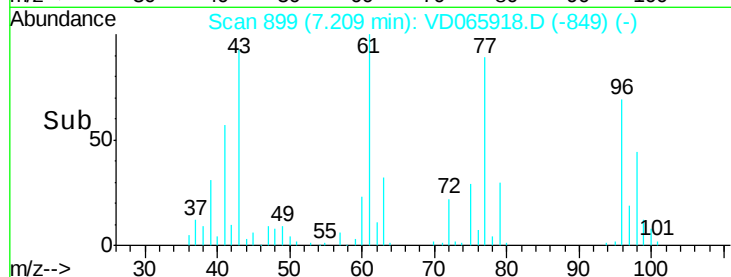
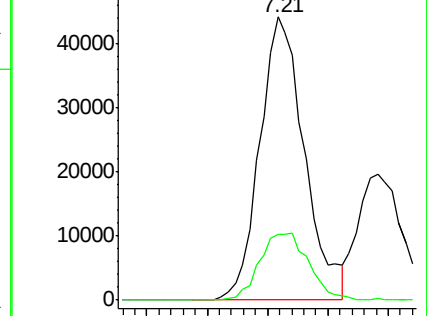
43 100

72 23.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.851 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065918.D

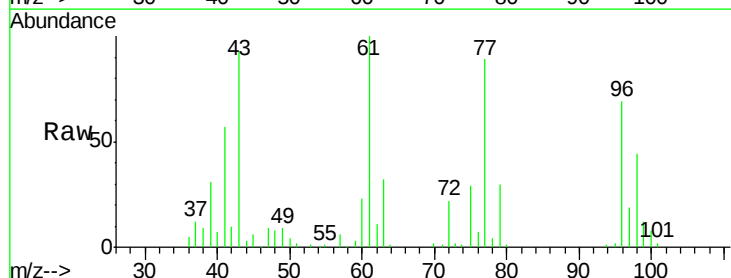
Acq: 01 Jul 2020 20:45

Tgt Ion: 77 Resp: 123140

Ion Ratio Lower Upper

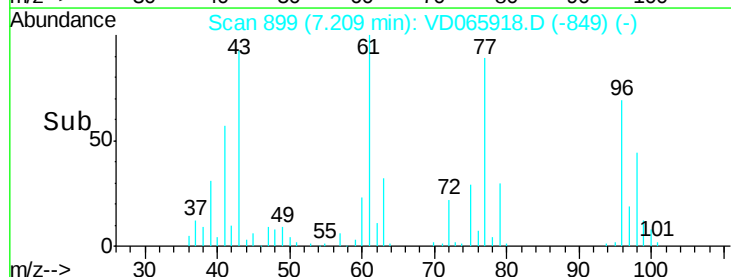
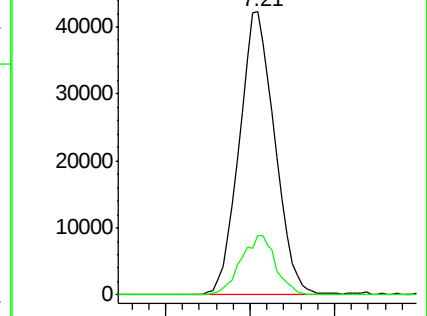
77 100

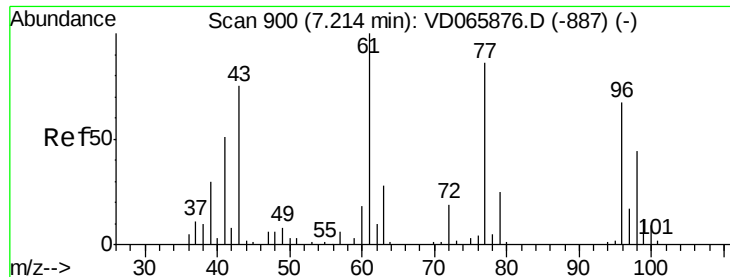
97 20.5 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



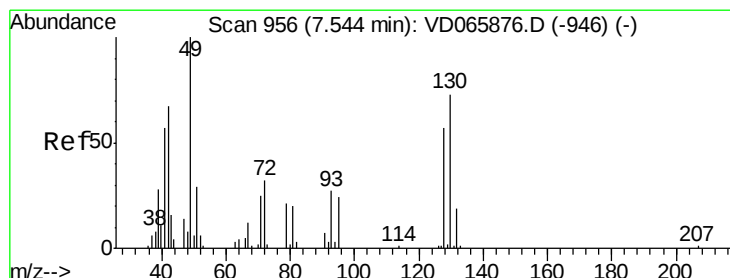
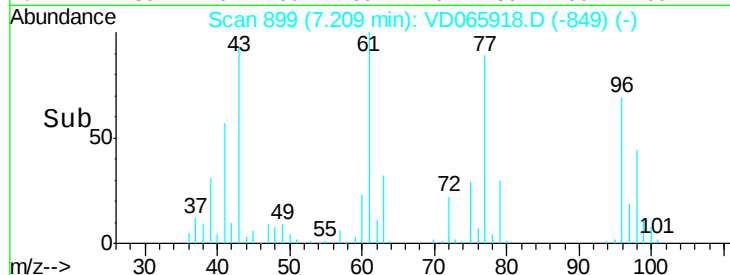
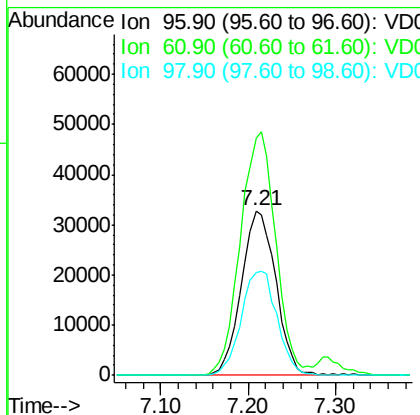
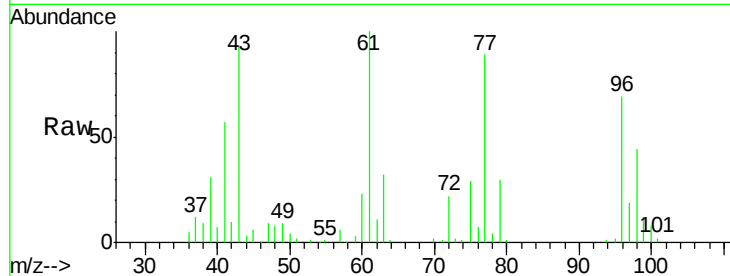


#27

cis-1,2-Dichloroethene
 Concen: 52.440 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

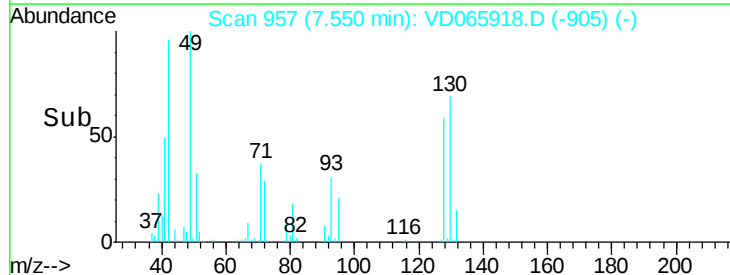
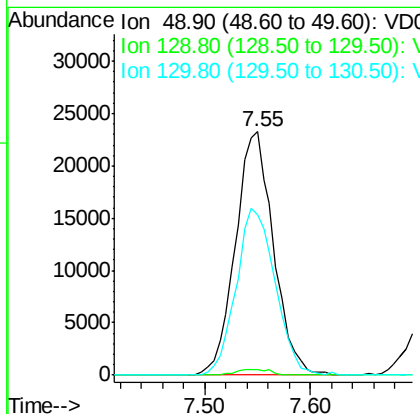
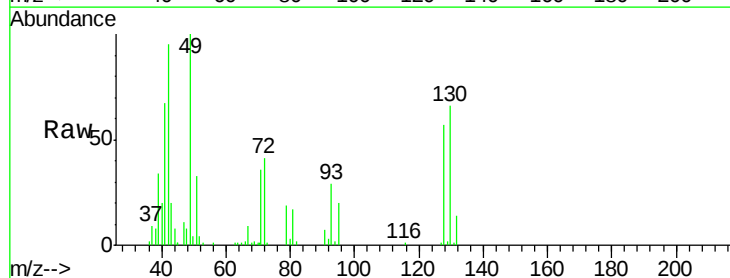
Tot Ion: 96 Resp: 87607
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 297.8
 98 65.8 0.0 129.8

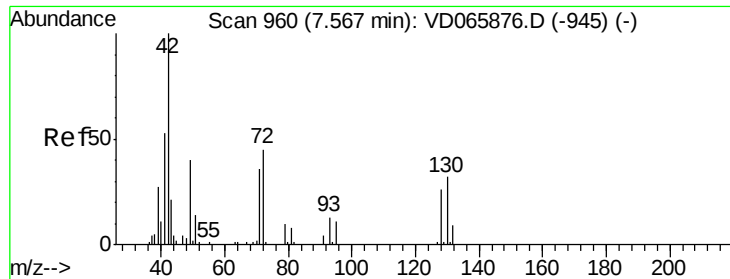


#28

Bromochloromethane
 Concen: 59.499 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 49 Resp: 57863
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 70.2 61.0 91.6

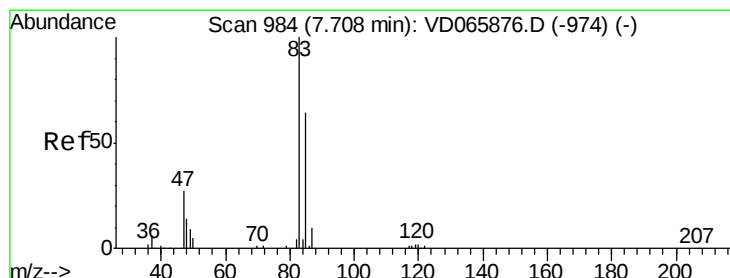
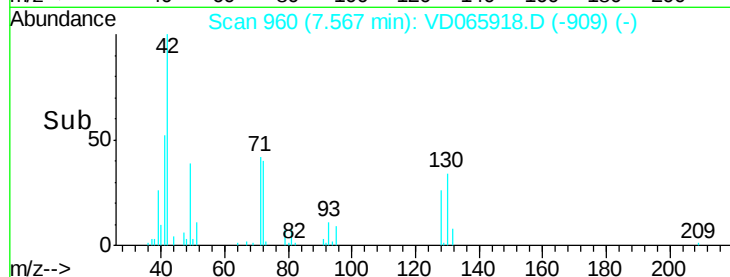
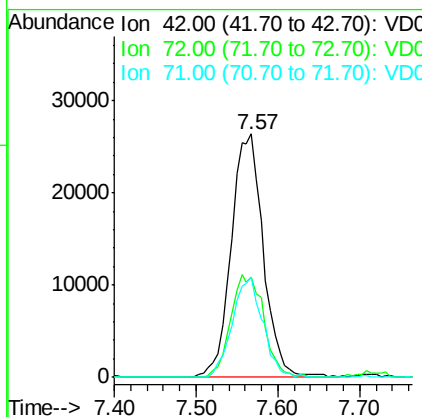
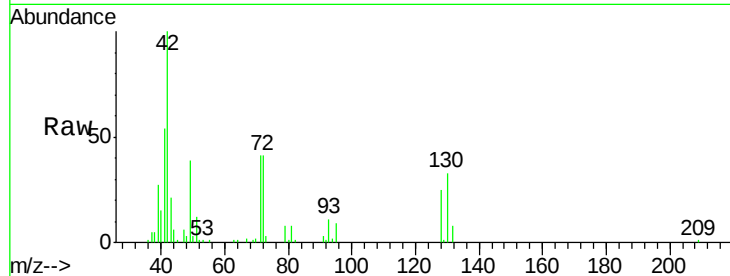




#29
Tetrahydrofuran
Concen: 308.757 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

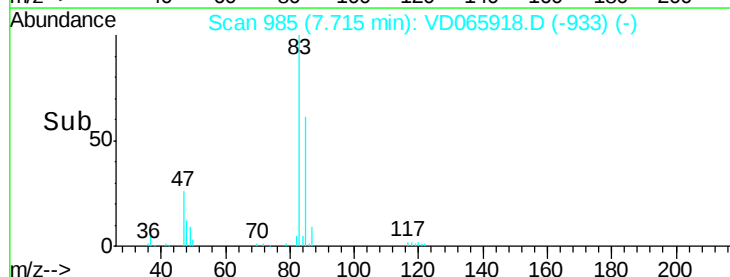
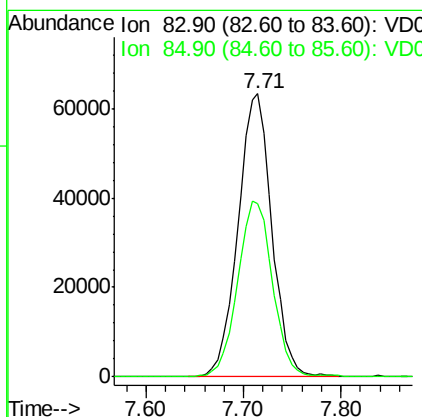
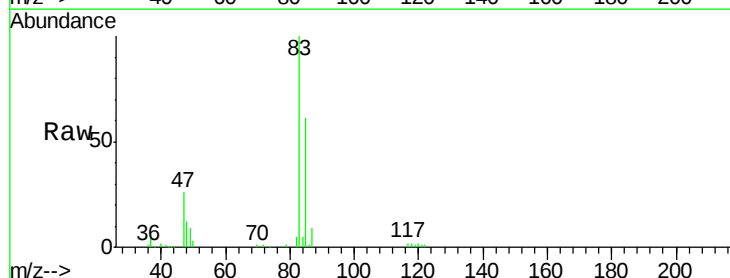
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

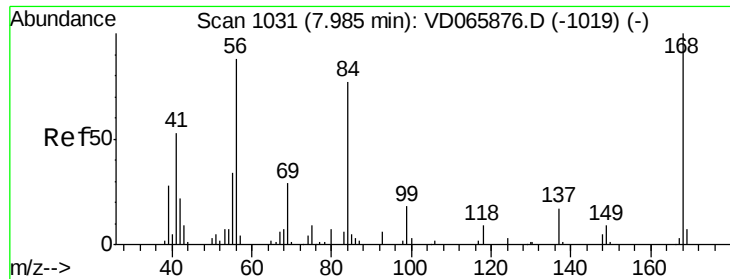
Tot Ion: 42 Resp: 71971
Ion Ratio Lower Upper
42 100
72 43.5 35.3 52.9
71 38.7 32.6 48.8



#30
Chloroform
Concen: 55.163 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 83 Resp: 152847
Ion Ratio Lower Upper
83 100
85 61.0 51.2 76.8

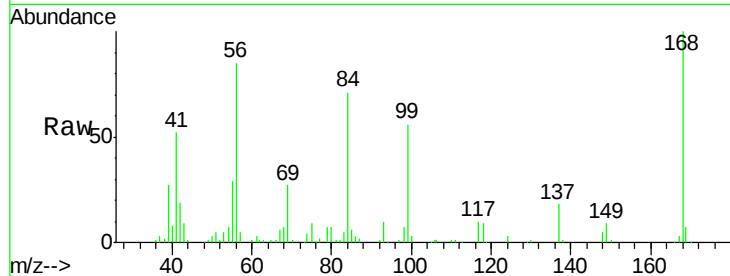




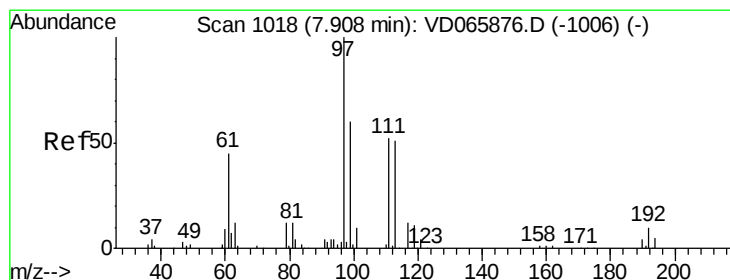
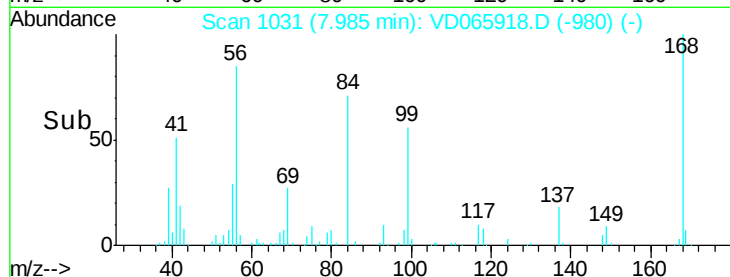
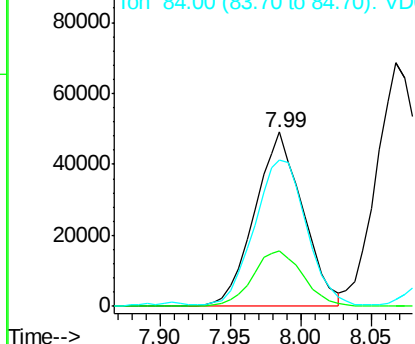
#31
Cyclohexane
Concen: 46.557 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 117047
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.4
84 82.5 70.3 105.5

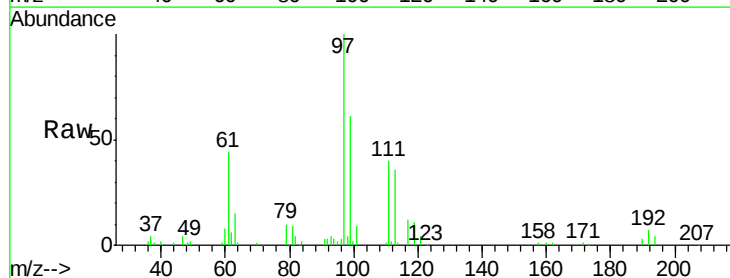


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

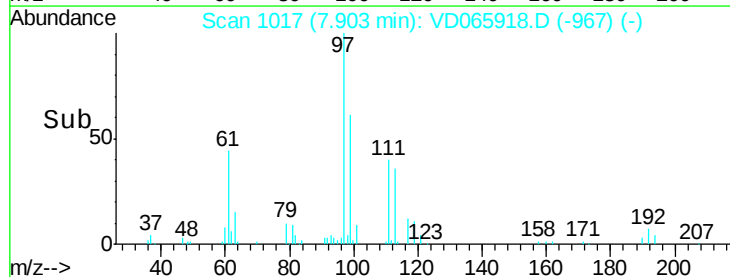
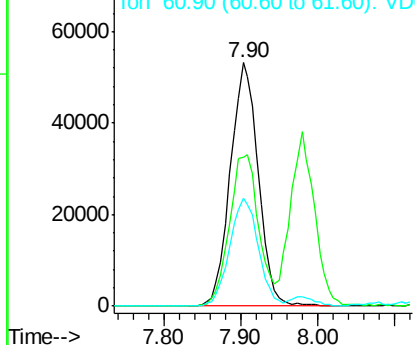


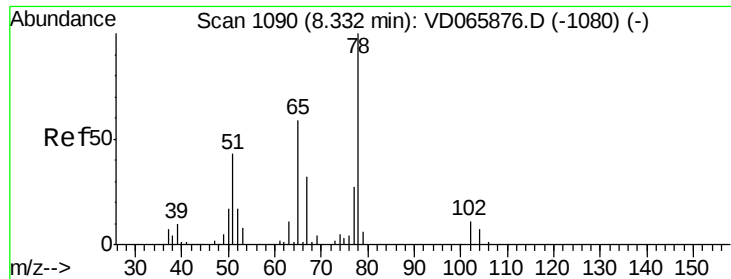
#32
1,1,1-Trichloroethane
Concen: 53.043 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 97 Resp: 134864
Ion Ratio Lower Upper
97 100
99 65.3 50.2 75.4
61 45.4 36.0 54.0



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 54.774 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

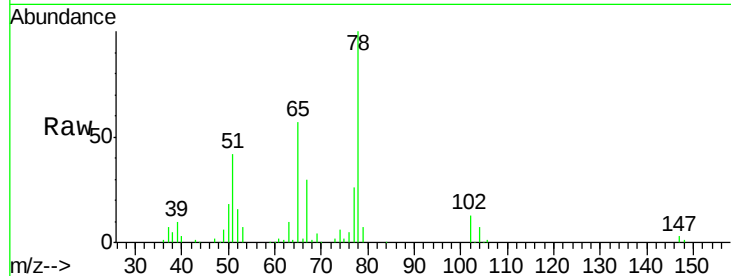
VSTDCCC050EC

Tot Ion: 65 Resp: 76873

Ion Ratio Lower Upper

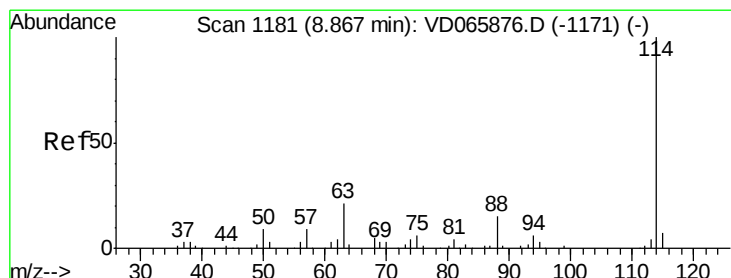
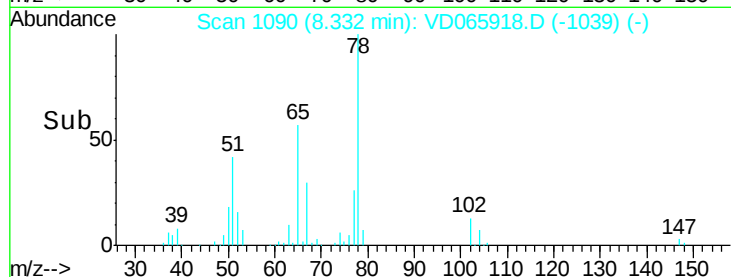
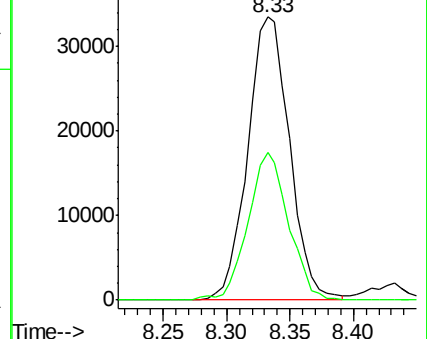
65 100

67 50.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

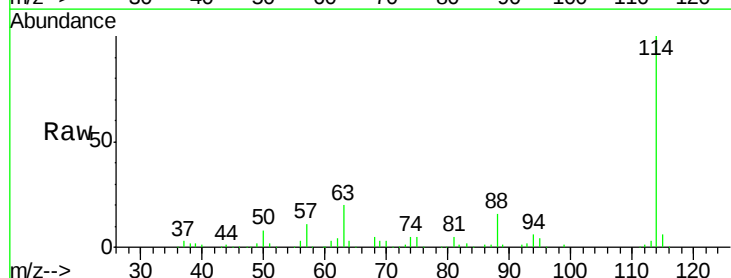
Tgt Ion: 114 Resp: 233995

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

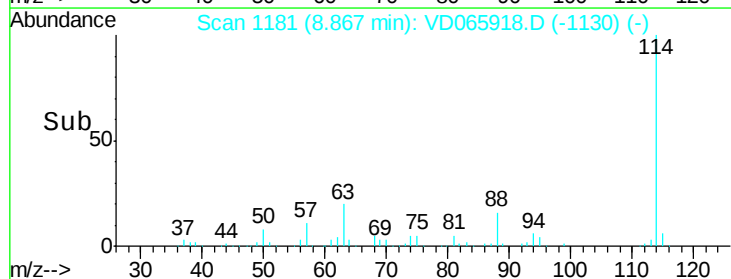
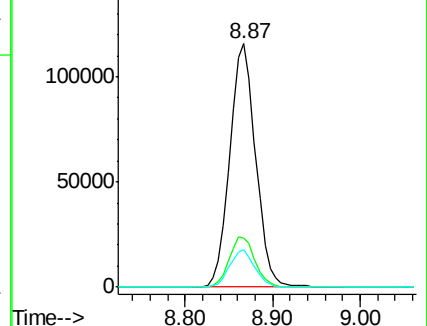
88 15.7 0.0 29.0

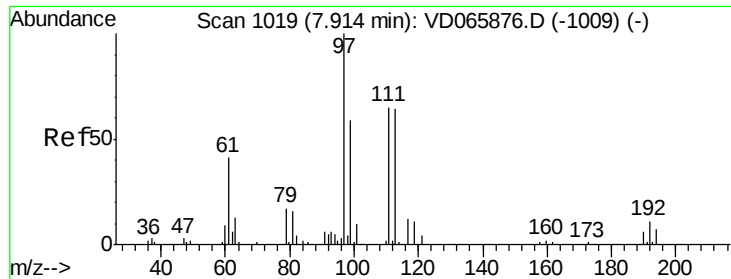


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

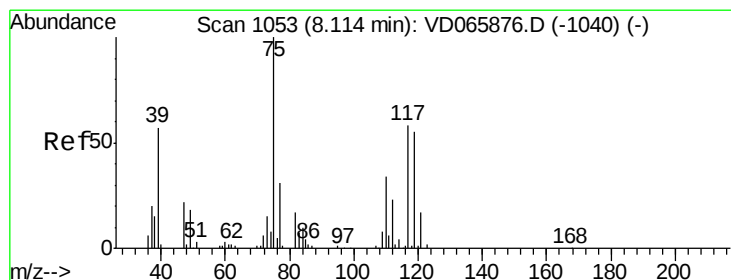
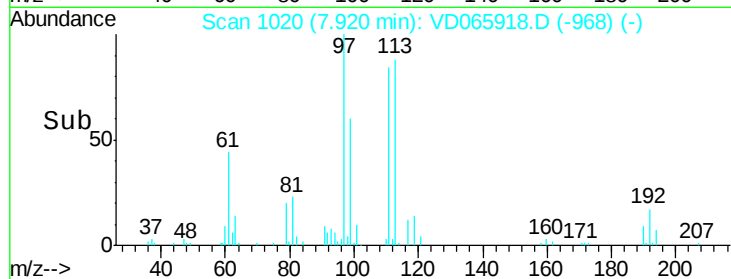
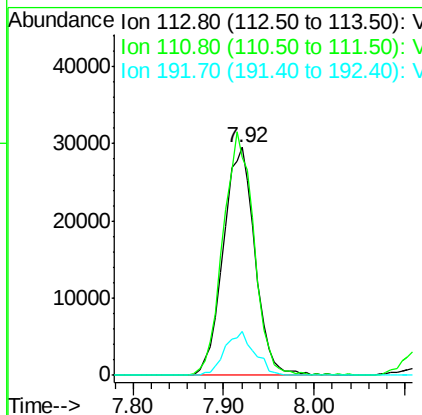
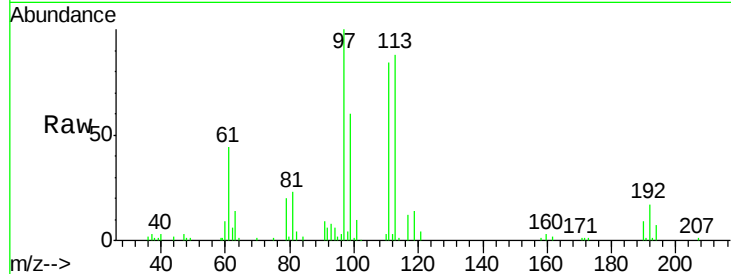




#35
 Dibromofluoromethane
 Concen: 49.444 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

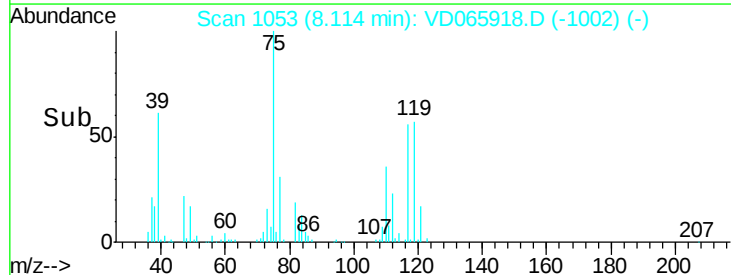
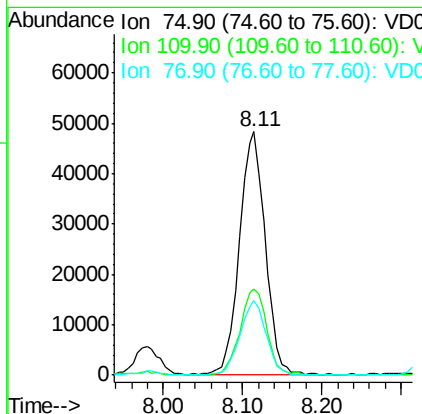
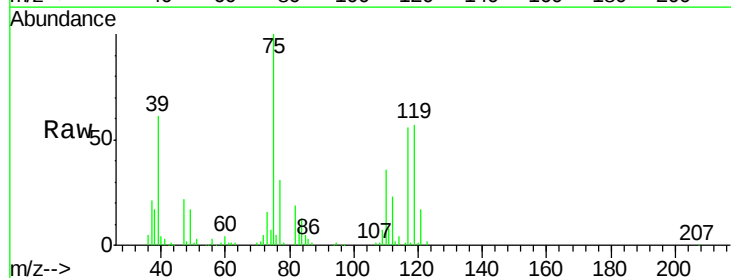
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

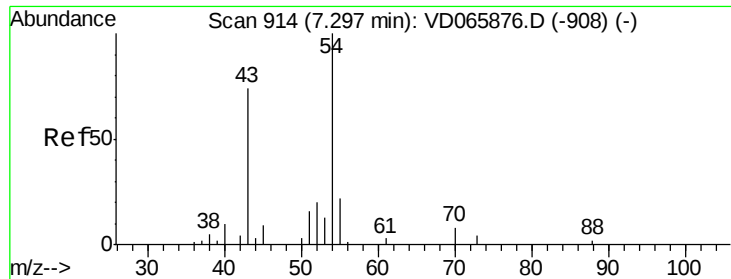
Tot Ion:113 Resp: 71512
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.0 121.6
 192 18.0 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 48.060 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 75 Resp: 109660
 Ion Ratio Lower Upper
 75 100
 110 36.2 16.8 50.4
 77 31.2 24.0 36.0

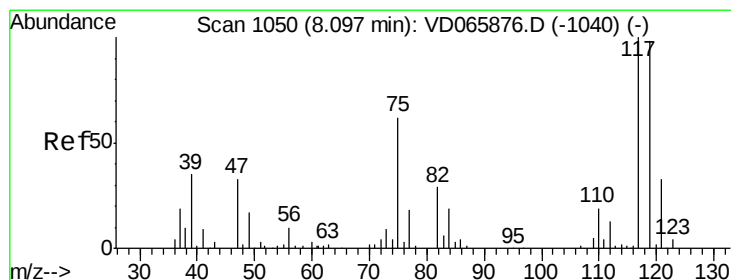
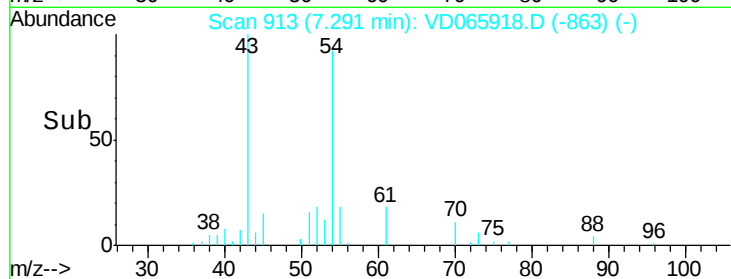
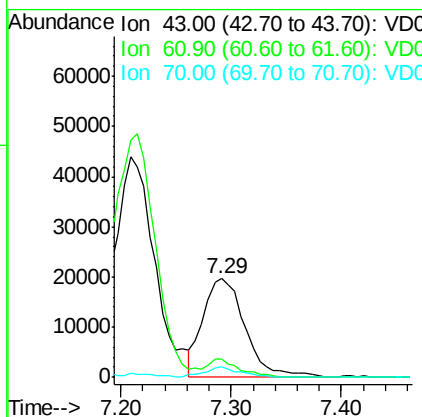
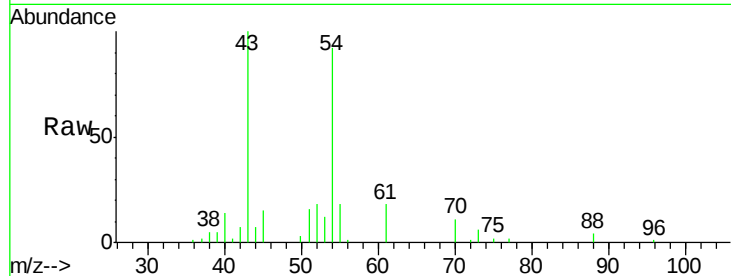




#37
Ethyl Acetate
Concen: 59.382 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

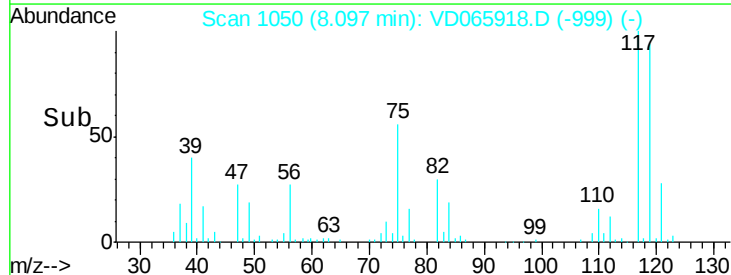
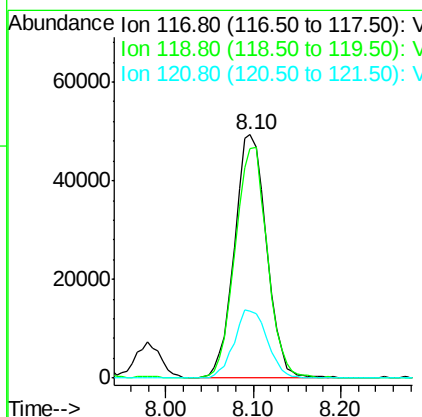
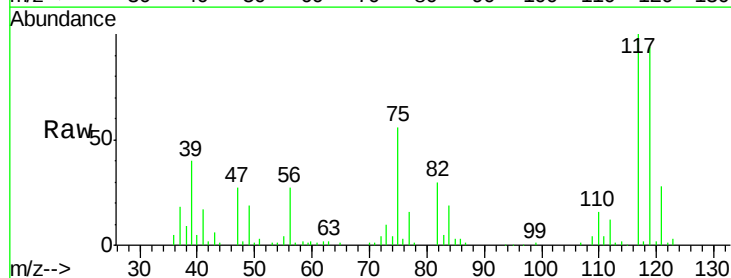
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

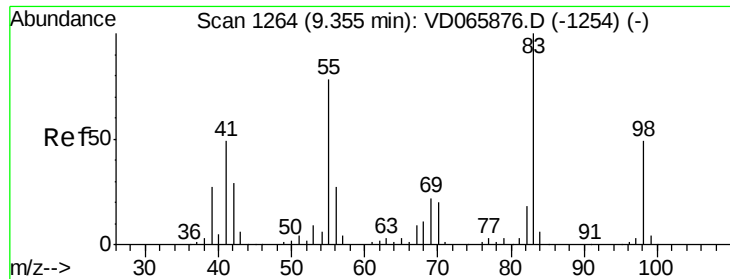
Tot Ion: 43 Resp: 51809
Ion Ratio Lower Upper
43 100
61 13.7 0.0 0.0#
70 9.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.872 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 117 Resp: 122880
Ion Ratio Lower Upper
117 100
119 94.1 78.6 117.8
121 27.7 26.5 39.7

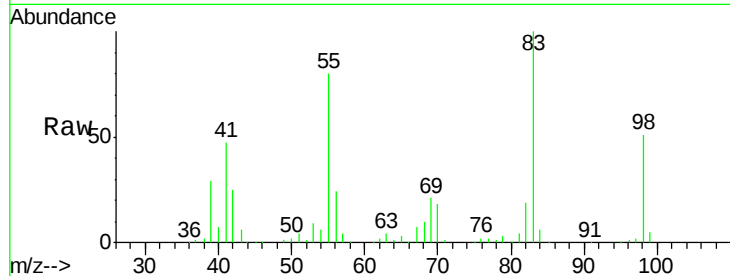




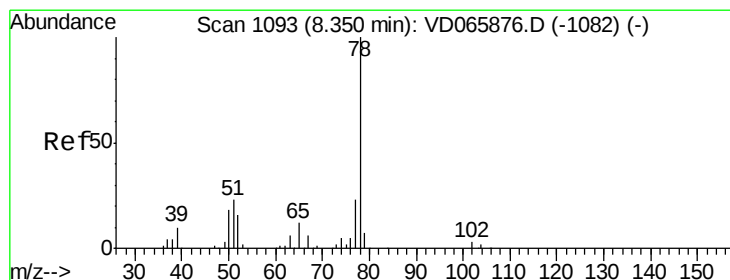
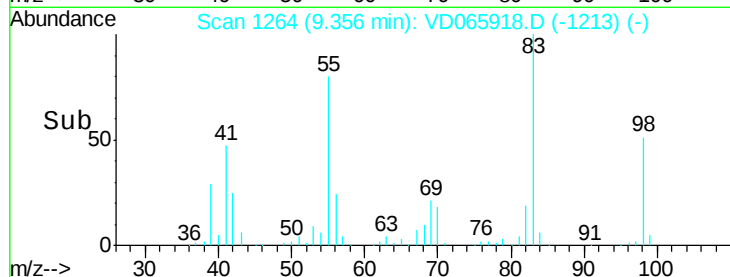
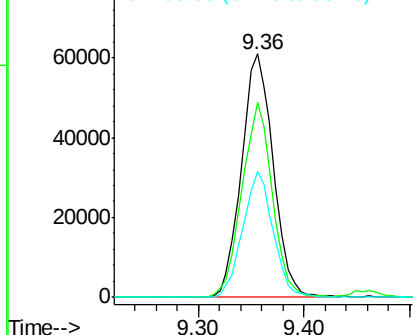
#39
Methvlcvclohexane
Concen: 46.987 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 127385
Ion Ratio Lower Upper
83 100
55 80.0 62.2 93.4
98 51.4 39.6 59.4

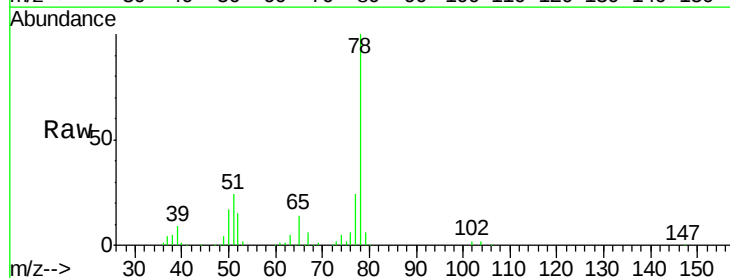


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

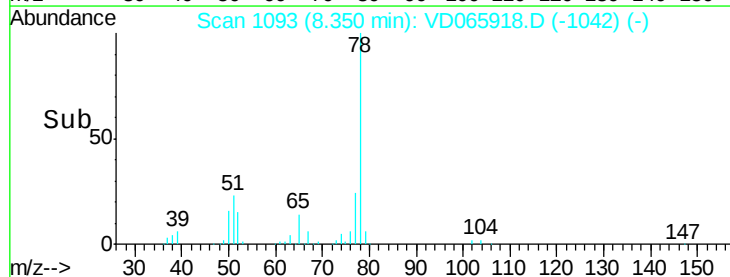
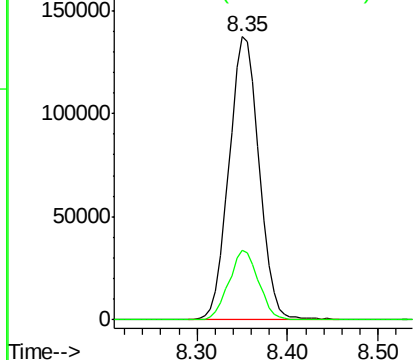


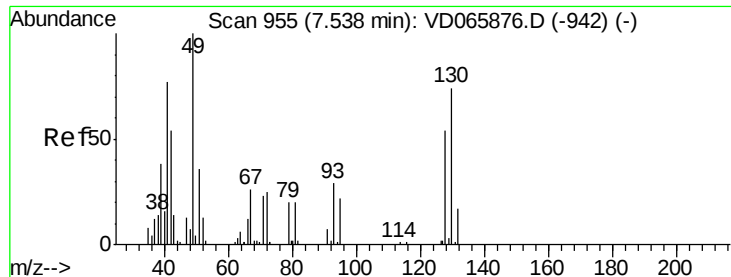
#40
Benzene
Concen: 50.190 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 78 Resp: 317719
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



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

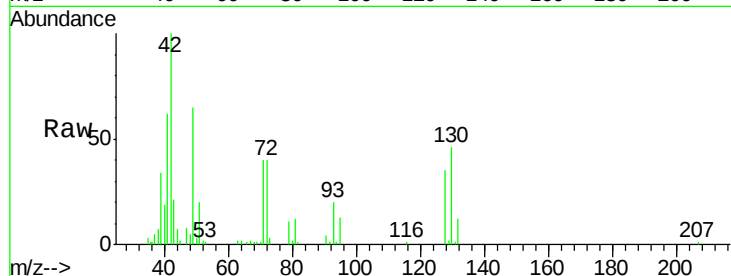




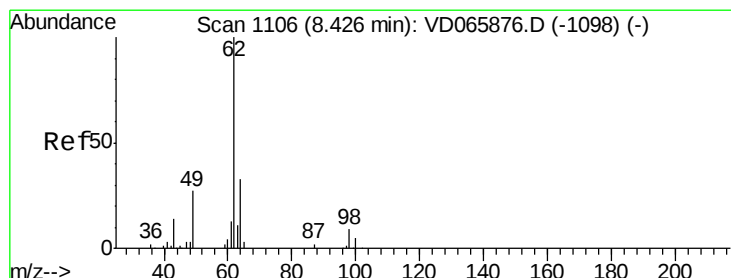
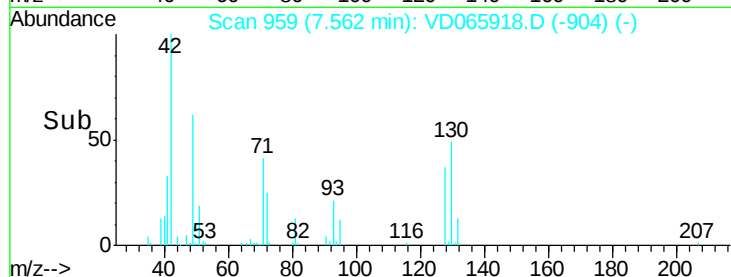
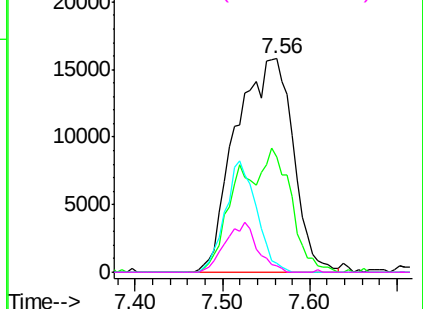
#41
Methacrylonitrile
Concen: 148.597 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 71128
Ion Ratio Lower Upper
41 100
39 30.5 82.7 124.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

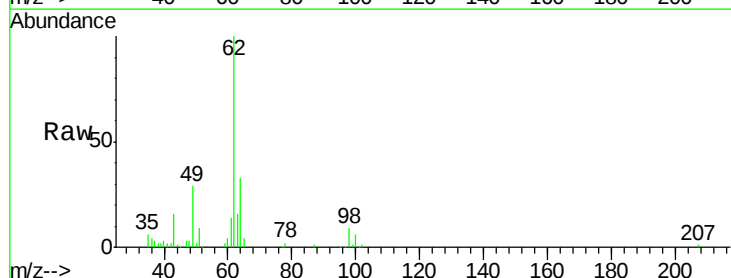


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

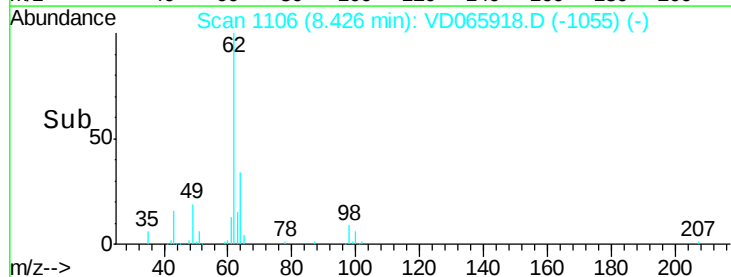
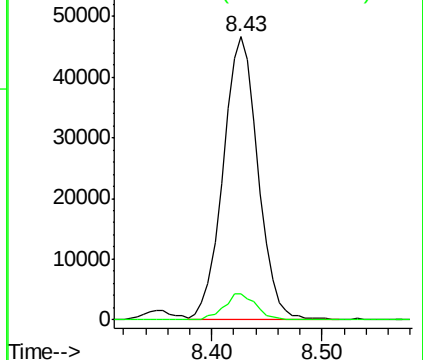


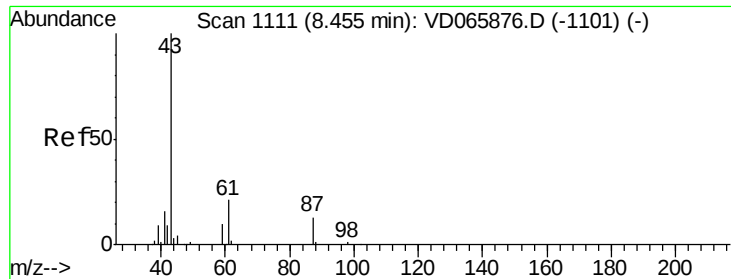
#42
1,2-Dichloroethane
Concen: 55.162 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 62 Resp: 103015
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 58.478 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

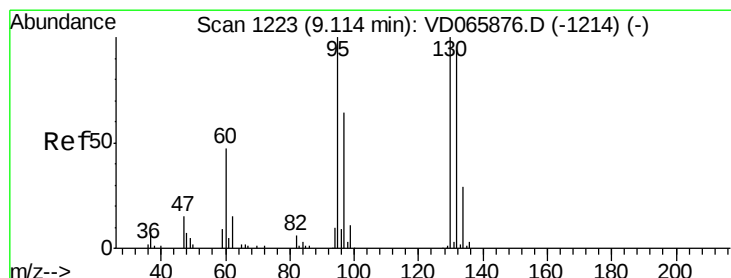
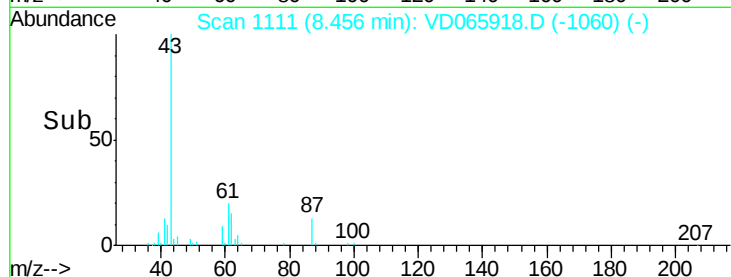
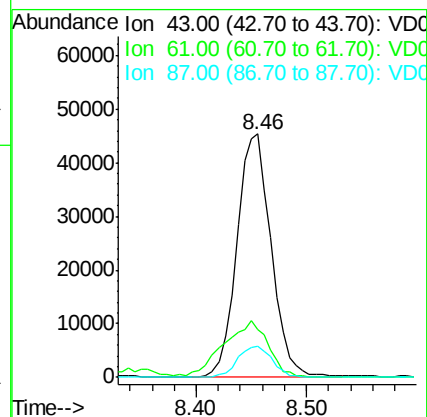
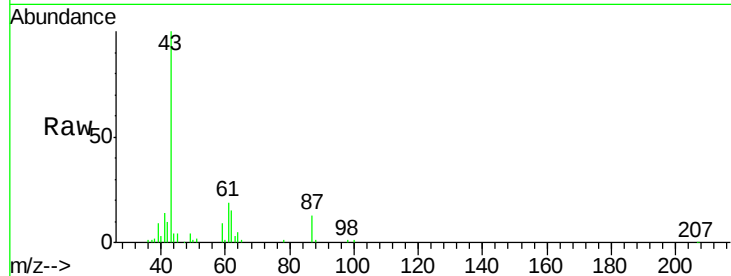
Tot Ion: 43 Resp: 98862

Ion Ratio Lower Upper

43 100

61 29.9 25.2 37.8

87 12.6 10.4 15.6



#44

Trichloroethene

Concen: 49.094 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065918.D

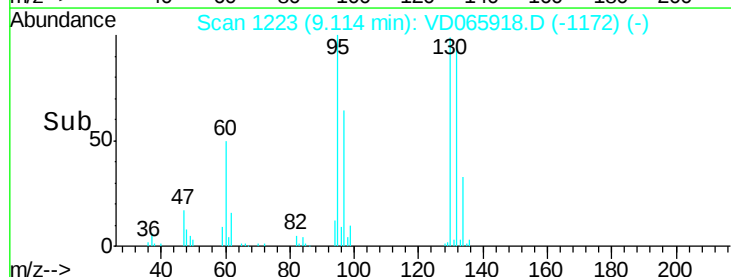
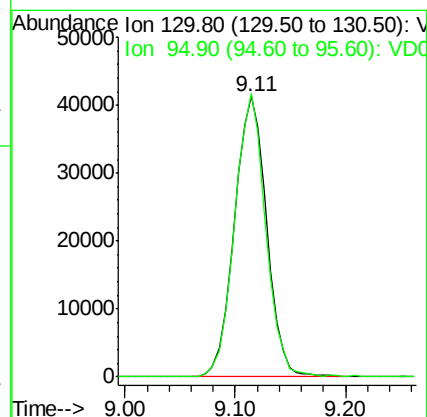
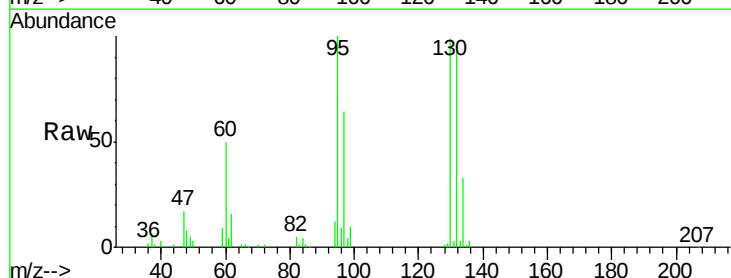
Acq: 01 Jul 2020 20:45

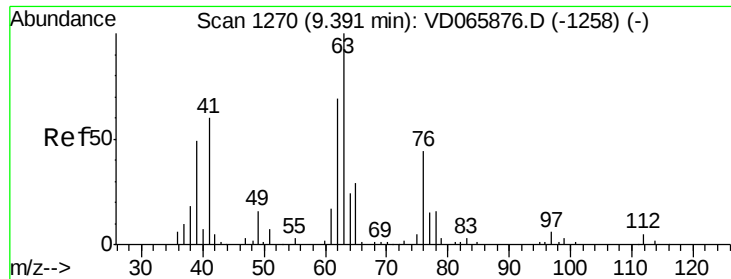
Tgt Ion: 130 Resp: 84192

Ion Ratio Lower Upper

130 100

95 100.8 0.0 200.0

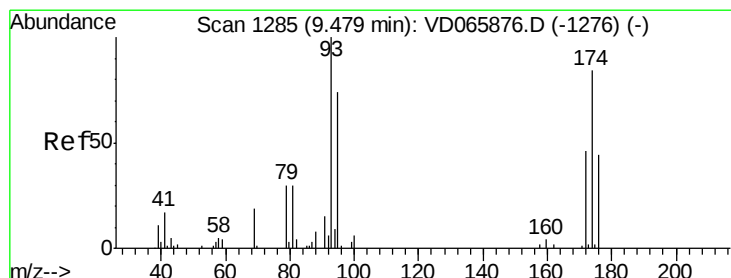
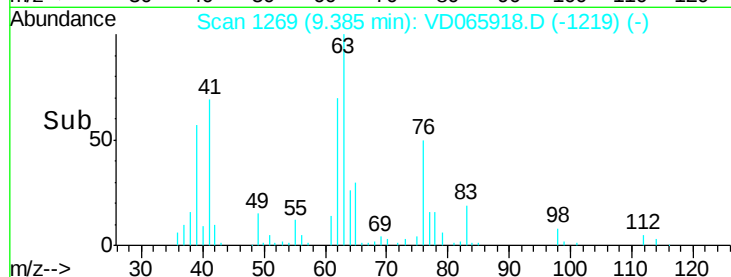
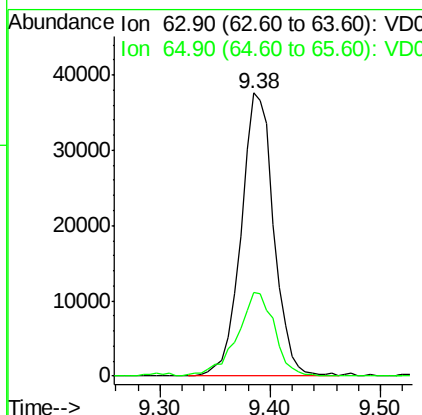
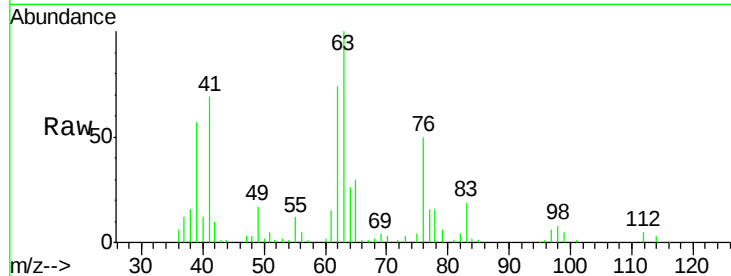




#45
 1,2-Dichloropropane
 Concen: 51.486 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

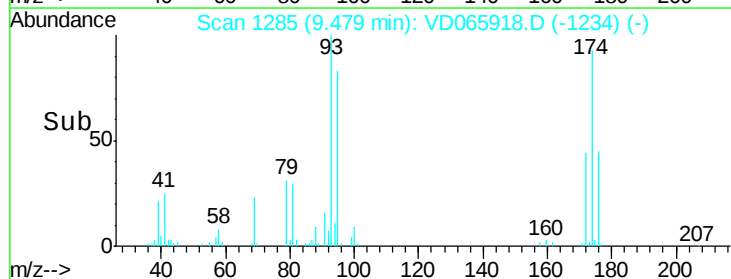
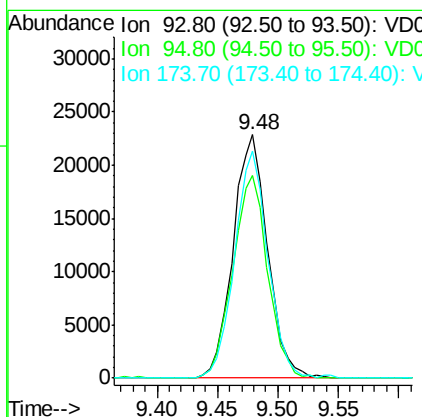
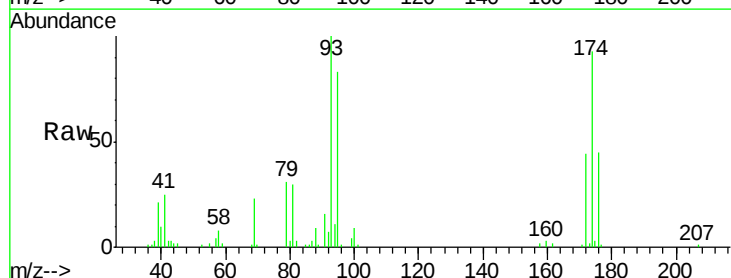
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

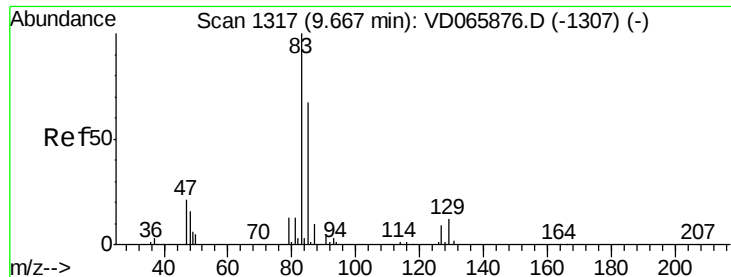
Tot Ion: 63 Resp: 78073
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.4 35.0



#46
 Dibromomethane
 Concen: 54.173 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 93 Resp: 45537
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.4 98.0
 174 90.3 75.2 112.8





#47

Bromodichloromethane

Concen: 54.584 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

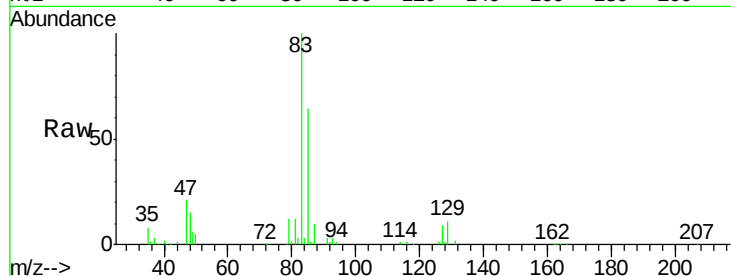
Tot Ion: 83 Resp: 121920

Ion Ratio Lower Upper

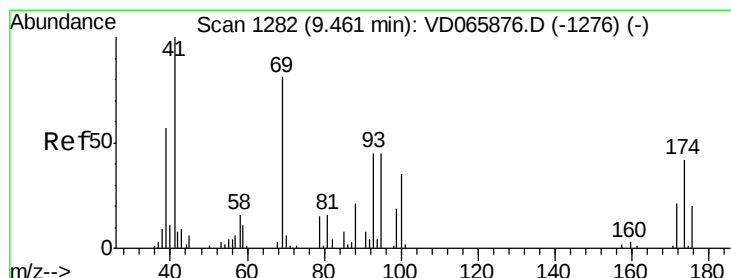
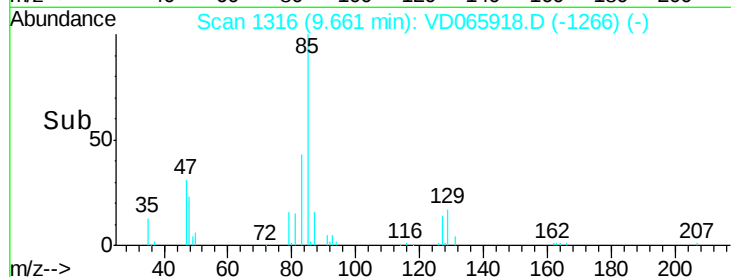
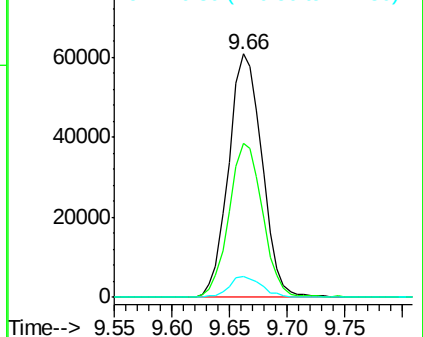
83 100

85 63.5 53.9 80.9

127 8.8 7.0 10.4



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): V



#48

Methyl methacrylate

Concen: 55.352 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

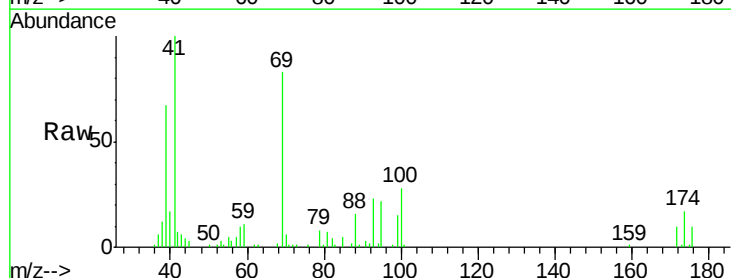
Tgt Ion: 41 Resp: 45869

Ion Ratio Lower Upper

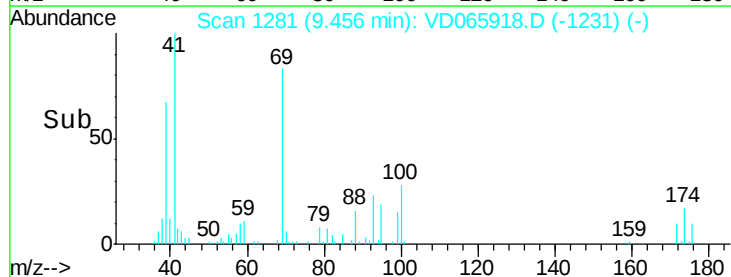
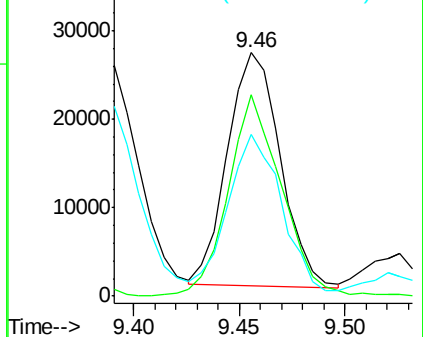
41 100

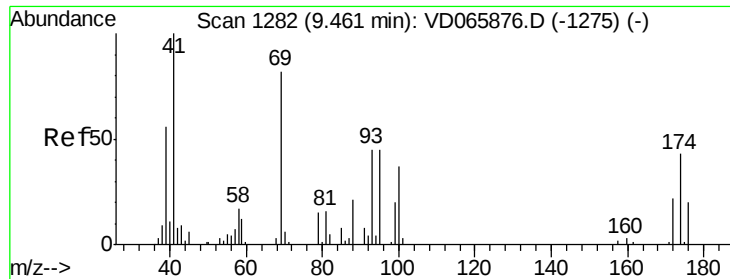
69 87.1 68.3 102.5

39 72.4 54.1 81.1



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

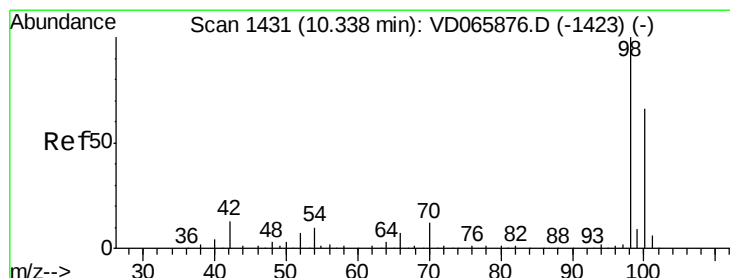
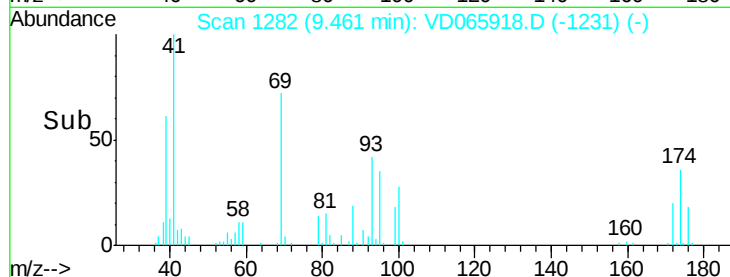
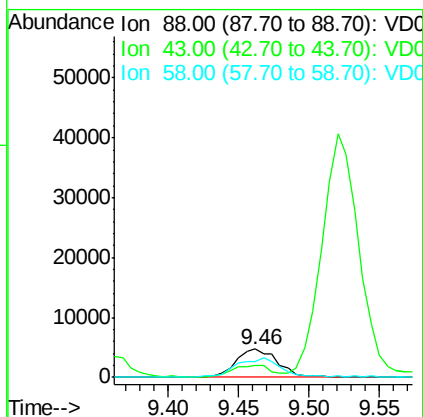
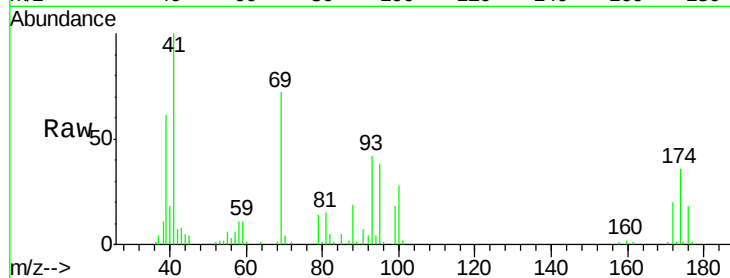




#49
1,4-Dioxane
Concen: 1156.709 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

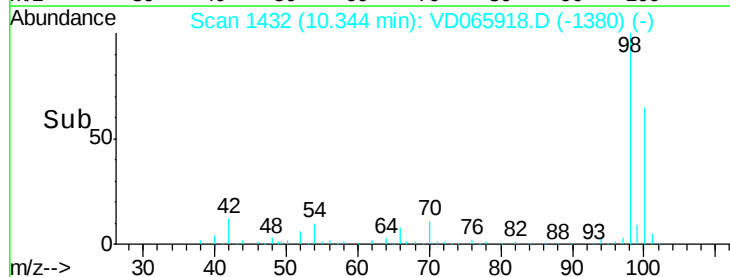
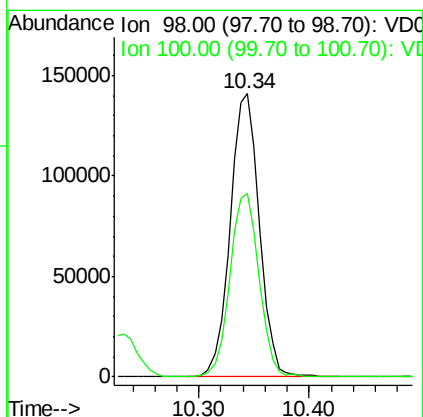
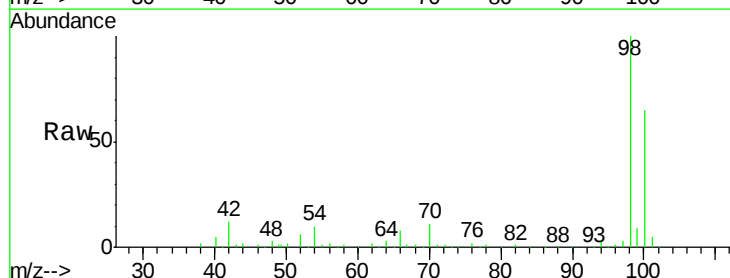
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

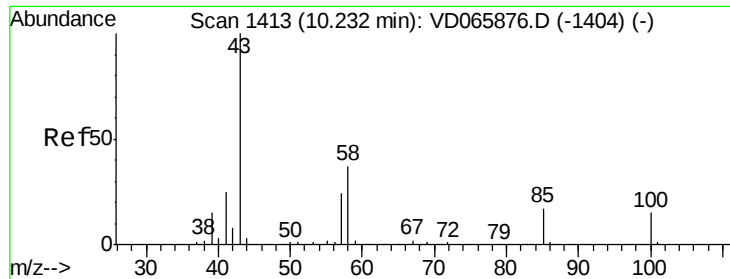
Tot Ion: 88 Resp: 9946
Ion Ratio Lower Upper
88 100
43 43.1 35.8 53.8
58 71.8 58.6 87.8



#50
Toluene-d8
Concen: 48.002 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 98 Resp: 261160
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 298.592 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

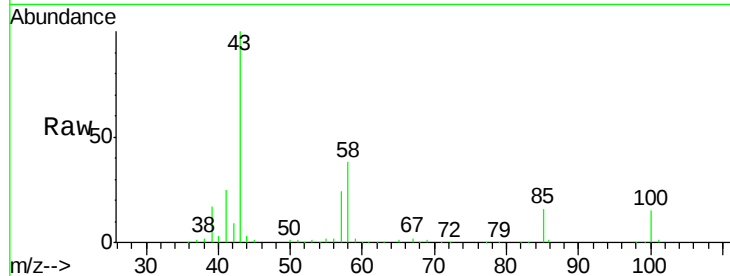
VSTDCCC050EC

Tot Ion: 43 Resp: 260205

Ion Ratio Lower Upper

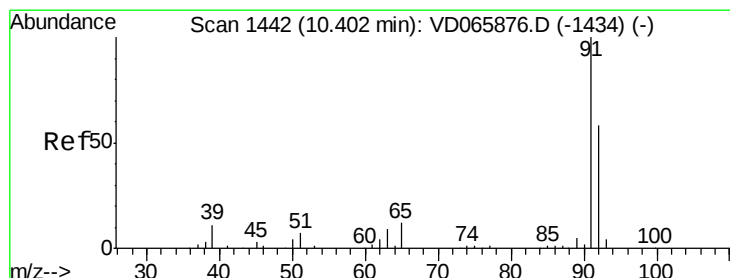
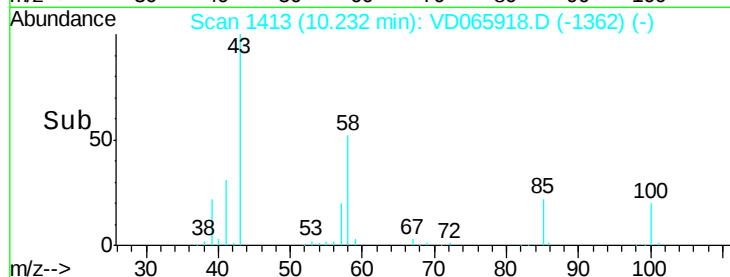
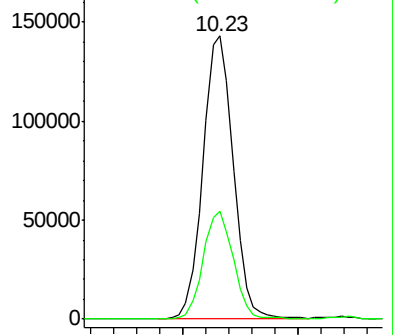
43 100

58 38.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.802 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065918.D

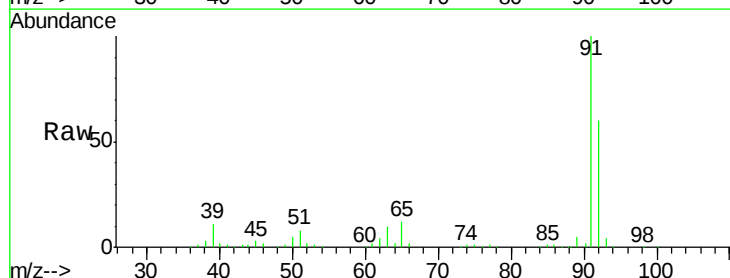
Acq: 01 Jul 2020 20:45

Tgt Ion: 92 Resp: 204970

Ion Ratio Lower Upper

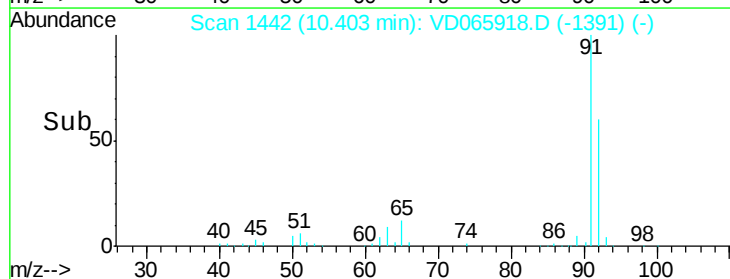
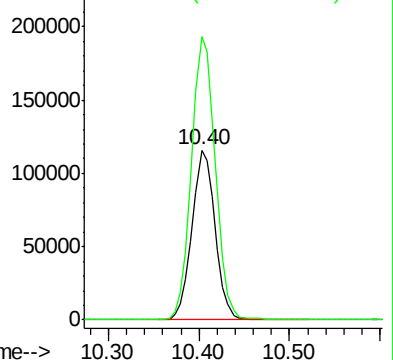
92 100

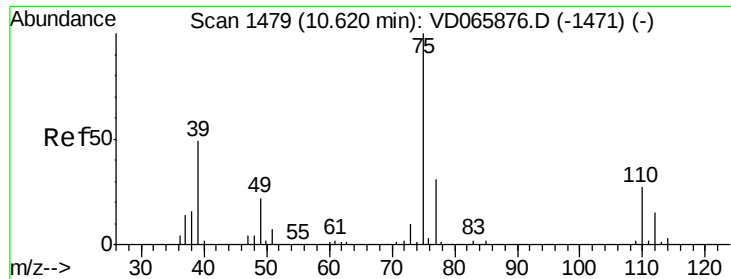
91 172.0 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

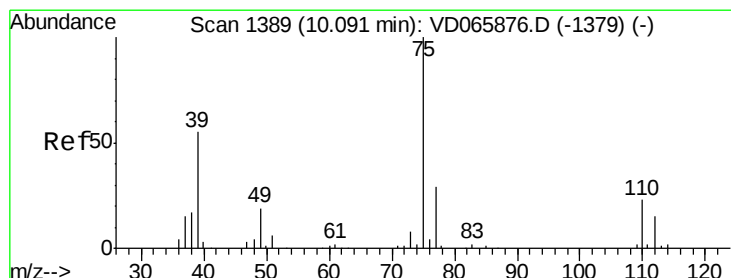
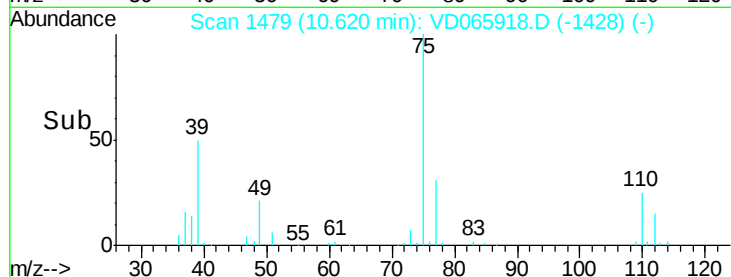
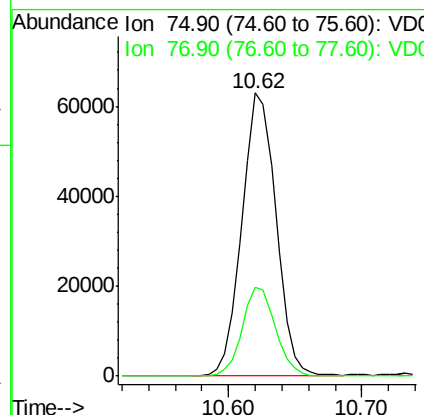
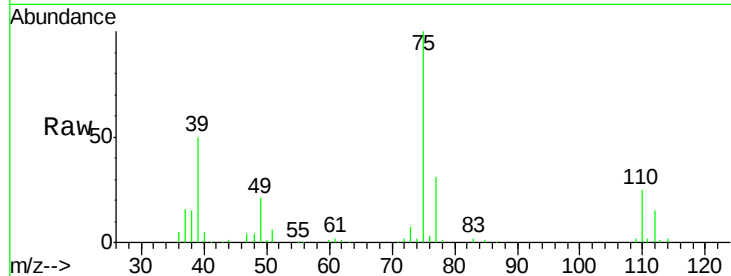




#53
t-1,3-Dichloropropene
Concen: 52.421 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

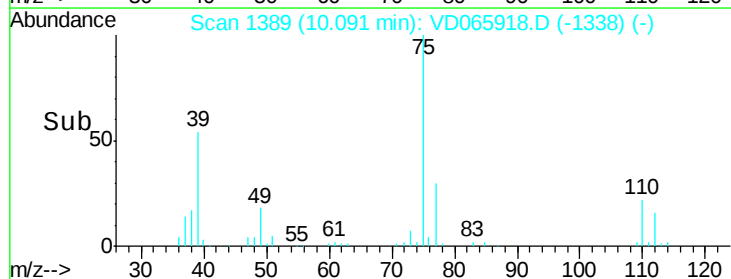
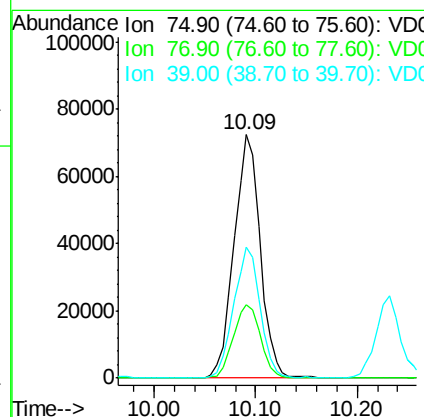
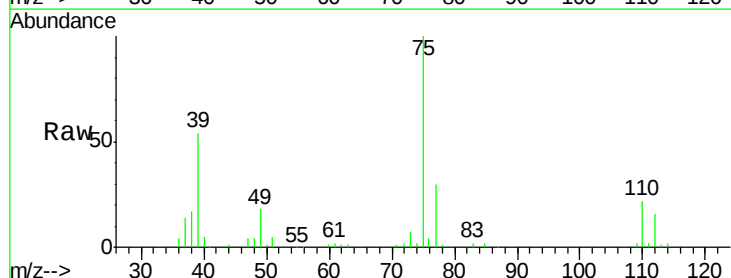
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

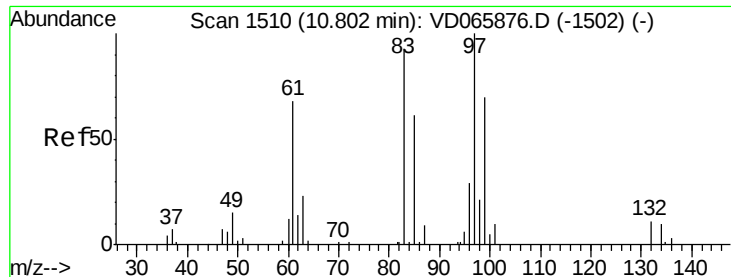
Tot Ion: 75 Resp: 111769
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 51.928 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 75 Resp: 130002
Ion Ratio Lower Upper
75 100
77 30.1 23.4 35.0
39 54.0 43.9 65.9





#55

1,1,2-Trichloroethane

Concen: 54.940 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

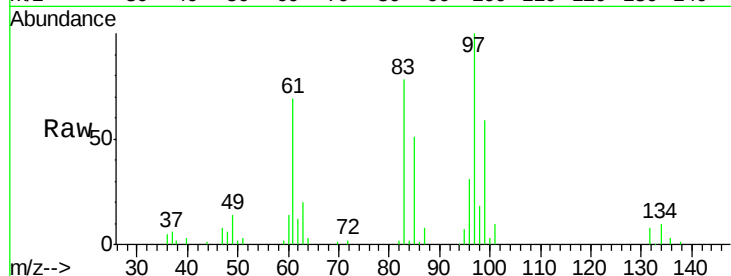
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 61200

Ion	Ratio	Lower	Upper
97	100		
83	77.8	74.2	111.4
85	51.3	48.8	73.2
99	59.0	55.9	83.9

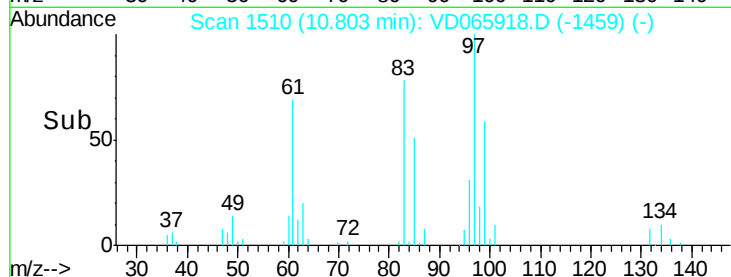


Abundance Ion 96.90 (96.60 to 97.60): VDC

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



Abundance

Time-->

10.80

30000

20000

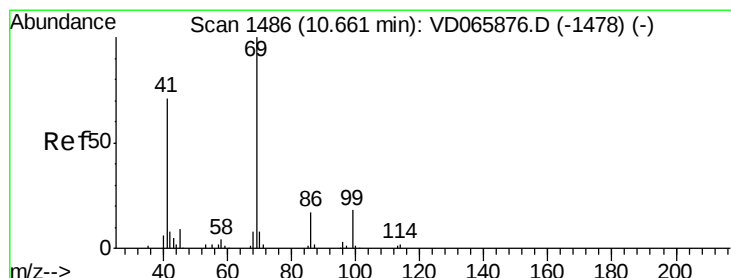
10000

0

10.70

10.80

Time-->



#56

Ethyl methacrylate

Concen: 54.926 ug/l

RT: 10.66 min Scan# 1486

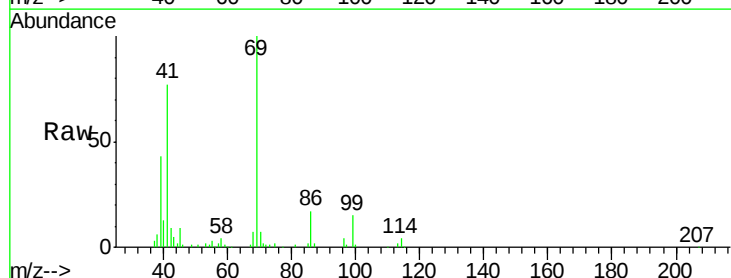
Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Tgt Ion: 69 Resp: 75972

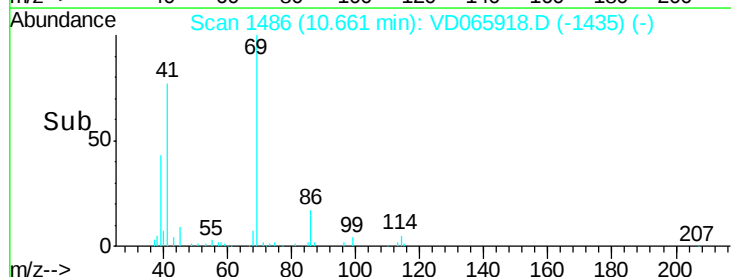
Ion	Ratio	Lower	Upper
69	100		
41	75.7	55.4	83.2
39	45.5	33.0	49.4



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



Abundance

Time-->

10.66

60000

50000

40000

30000

20000

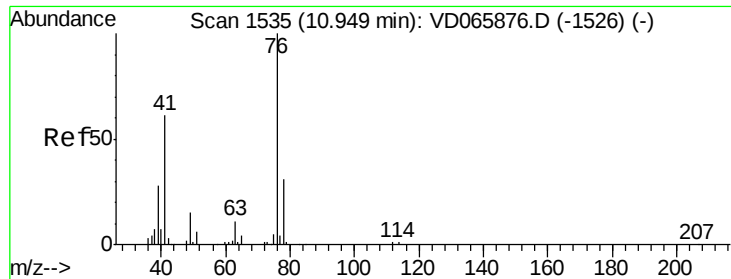
10000

0

10.60

10.70

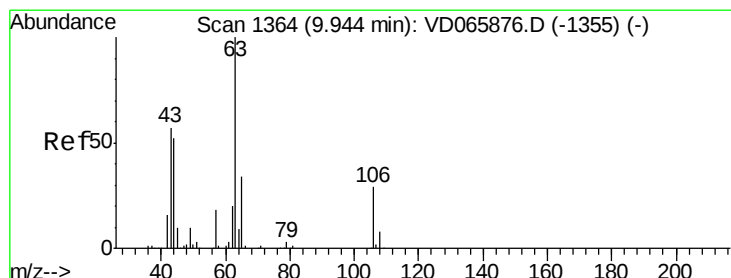
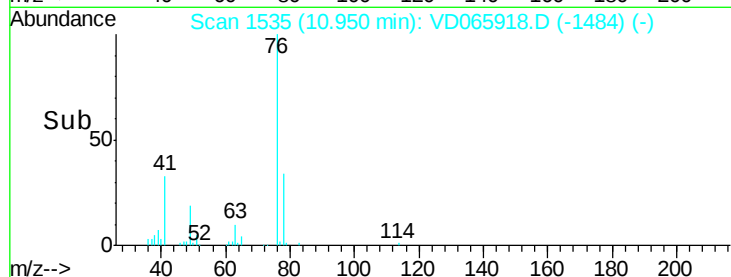
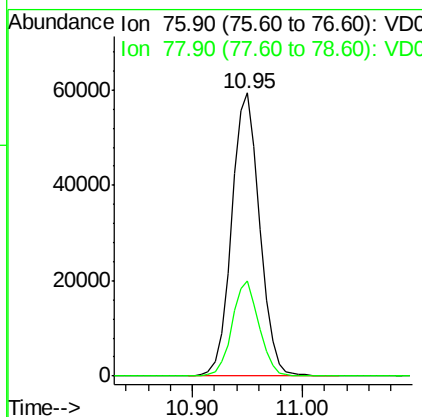
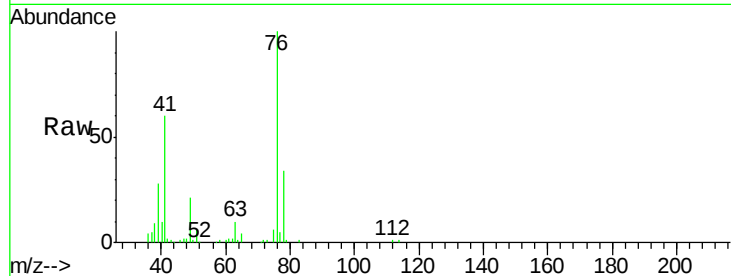
Time-->



#57
 1,3-Dichloropropane
 Concen: 54.106 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

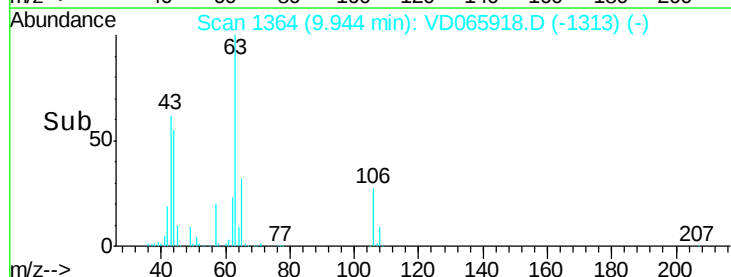
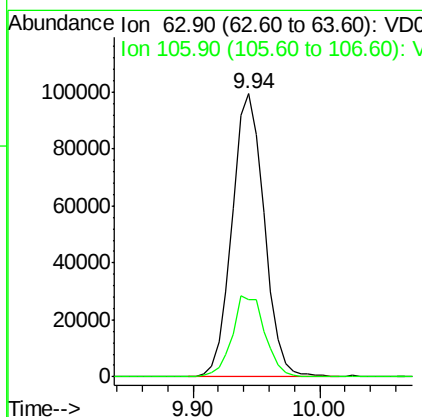
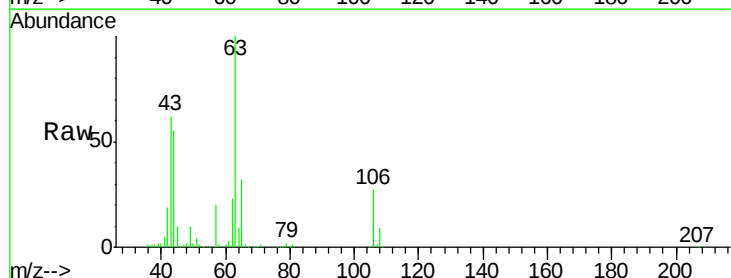
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

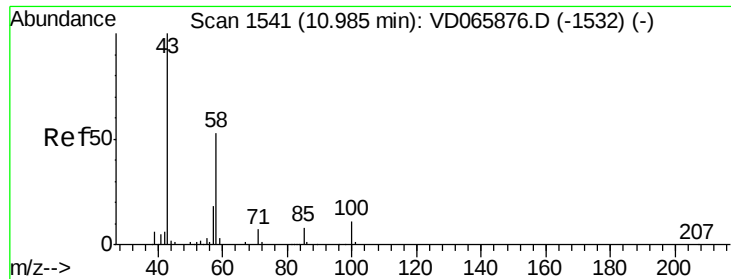
Tot Ion: 76 Resp: 105724
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.536 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 63 Resp: 174327
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.6 34.0

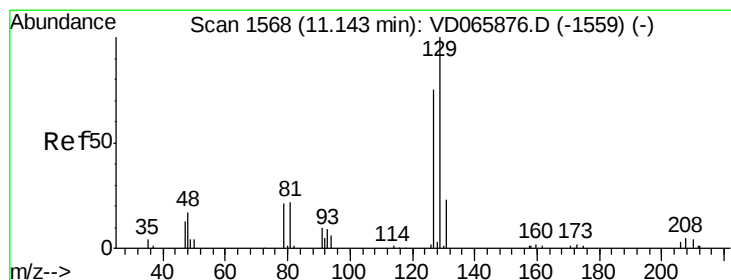
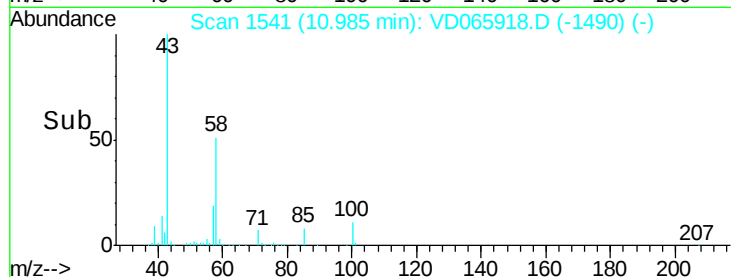
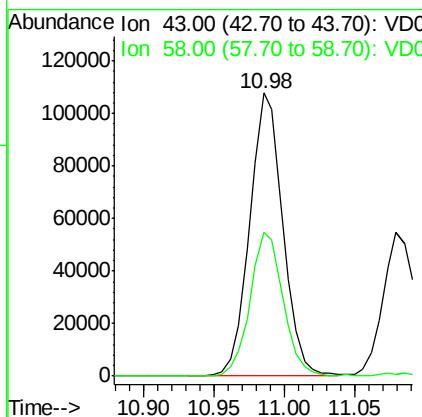
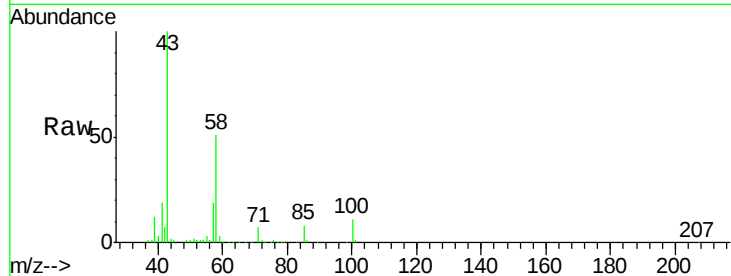




#59
2-Hexanone
Concen: 290.957 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

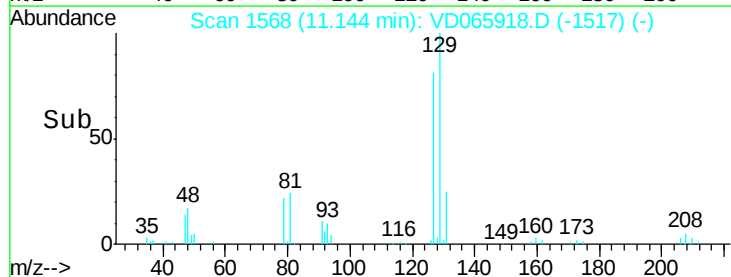
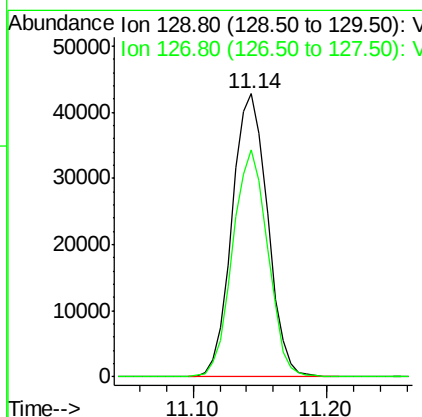
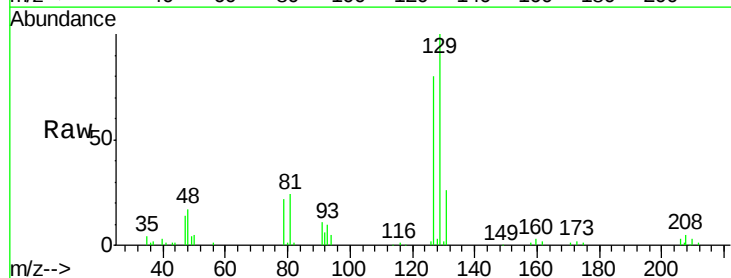
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

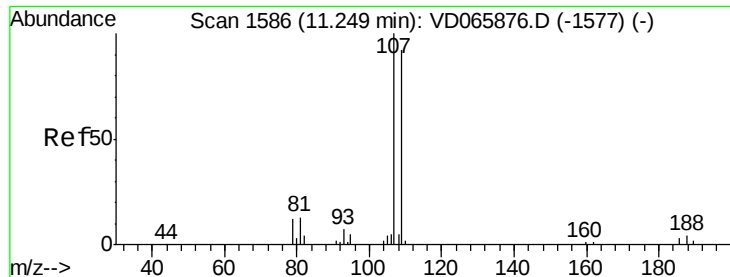
Tot Ion: 43 Resp: 177727
Ion Ratio Lower Upper
43 100
58 50.8 26.1 78.3



#60
Dibromochloromethane
Concen: 52.082 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 129 Resp: 79245
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2

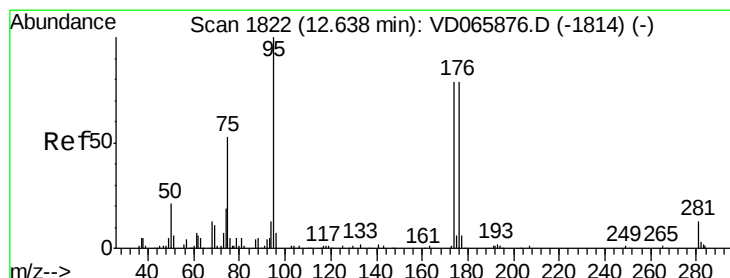
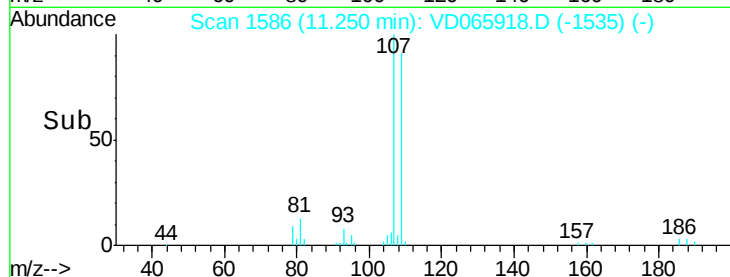
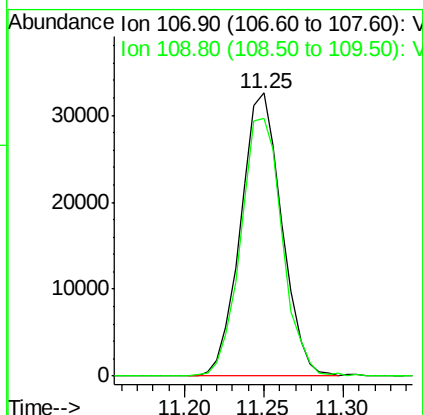
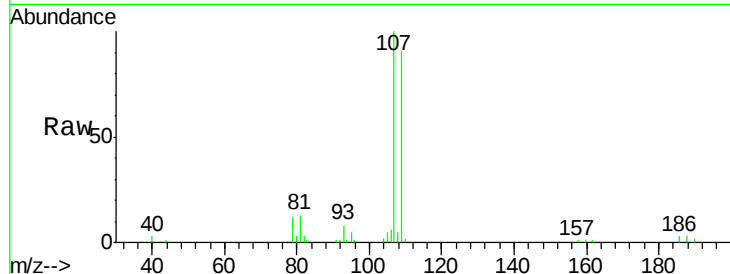




#61
 1,2-Dibromoethane
 Concen: 53.773 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

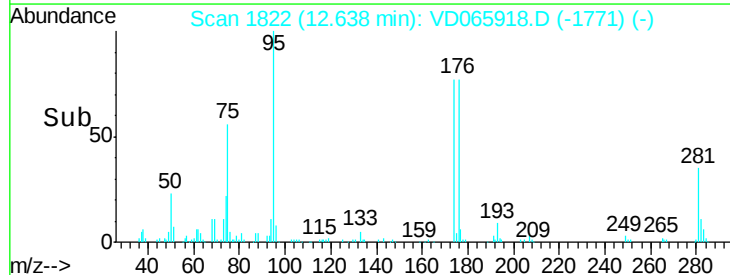
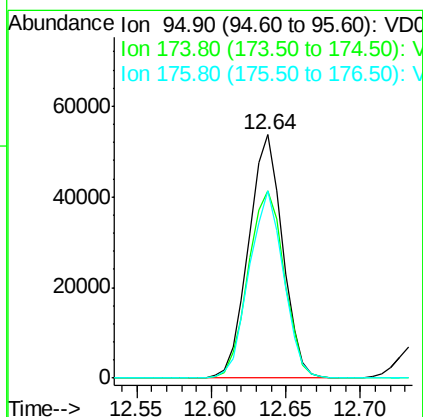
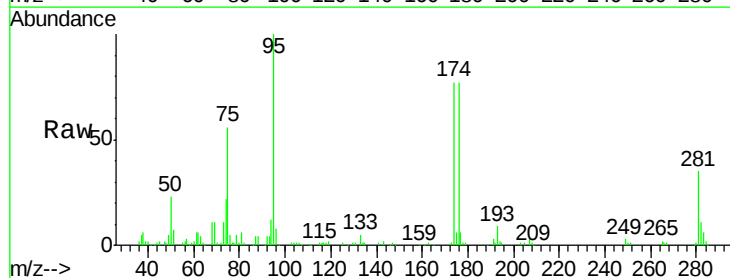
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

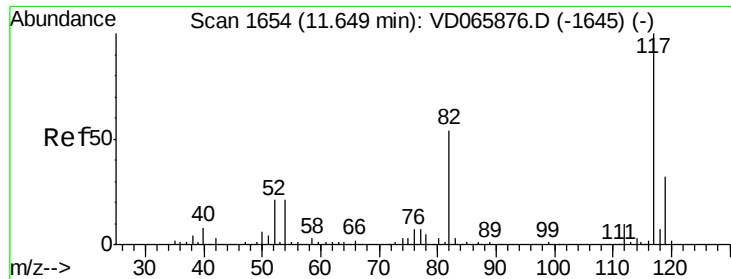
Tot Ion:107 Resp: 58626
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.468 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 95 Resp: 84605
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 158.4
 176 77.6 0.0 156.0

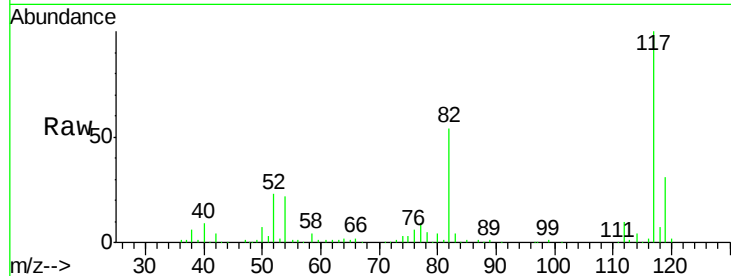




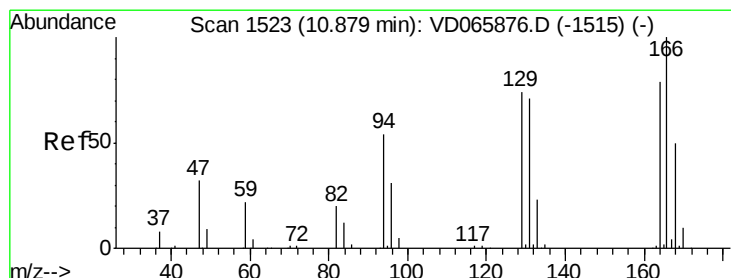
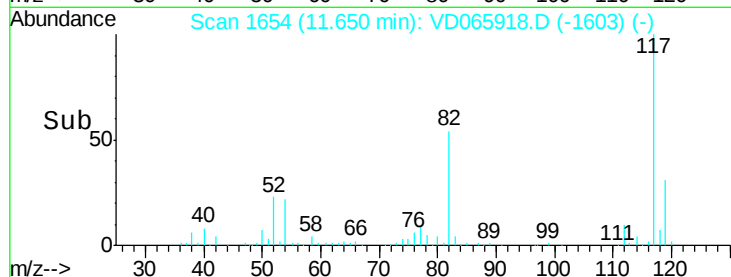
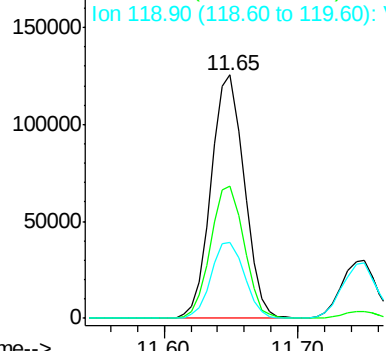
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 216132
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.3 25.9 38.9

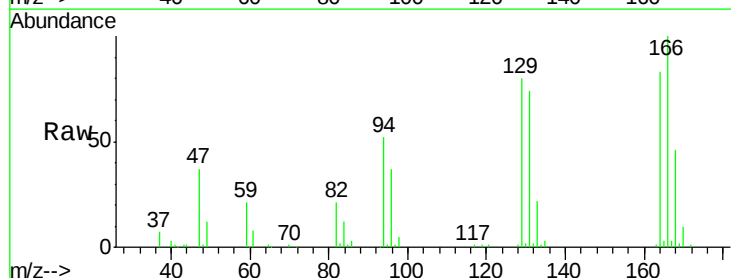


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

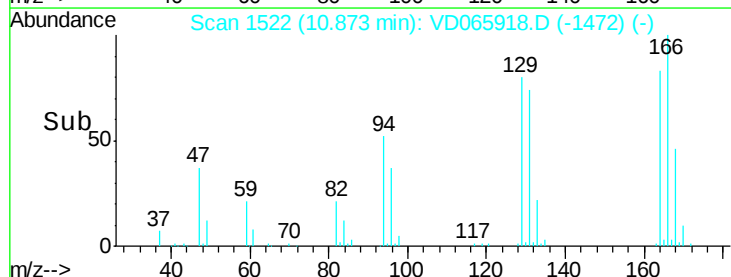
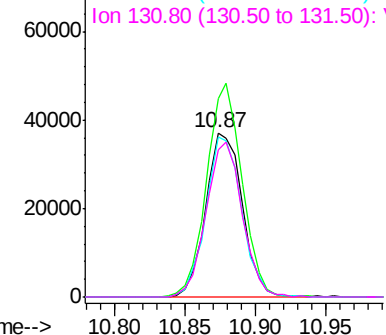


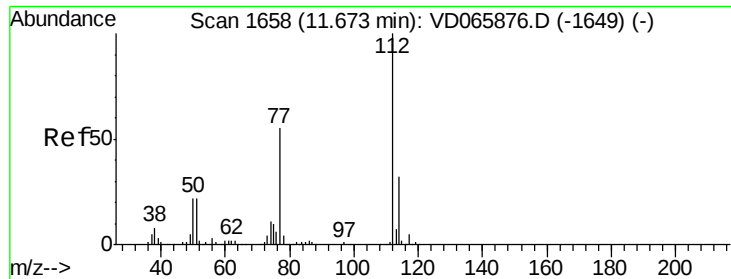
#64
Tetrachloroethene
Concen: 47.565 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion:164 Resp: 67130
Ion Ratio Lower Upper
164 100
166 120.8 101.3 151.9
129 97.0 74.5 111.7
131 89.9 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

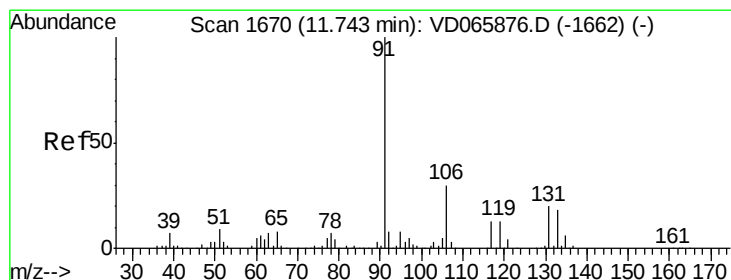
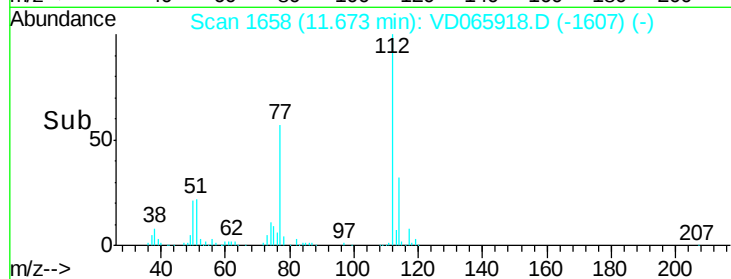
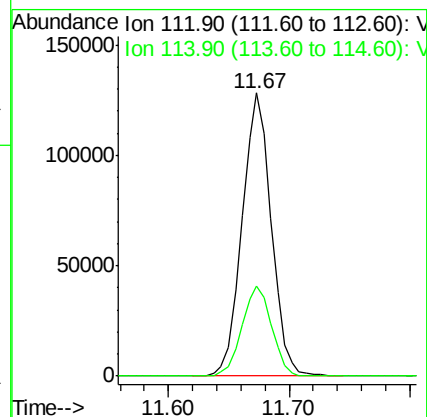
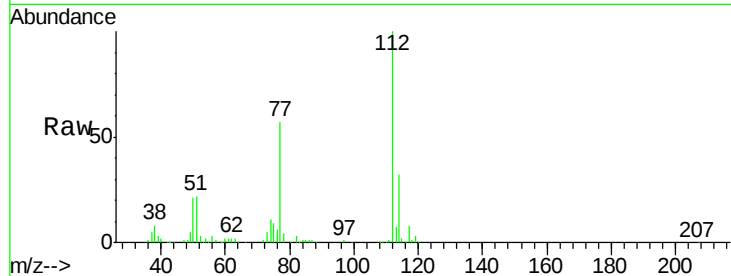




#65
Chlorobenzene
Concen: 50.172 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

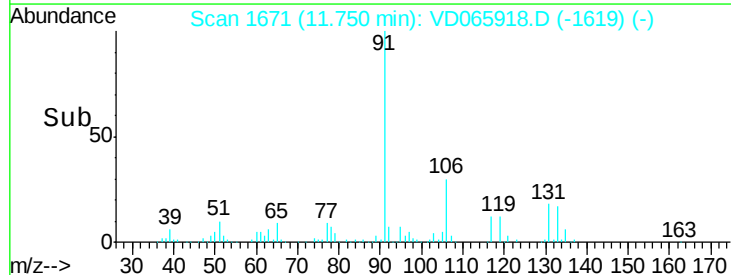
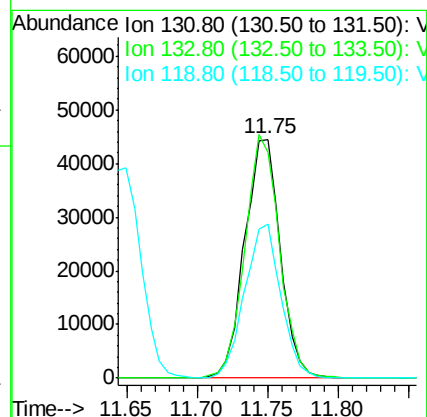
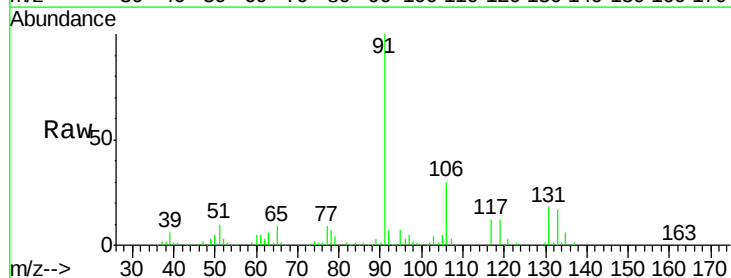
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

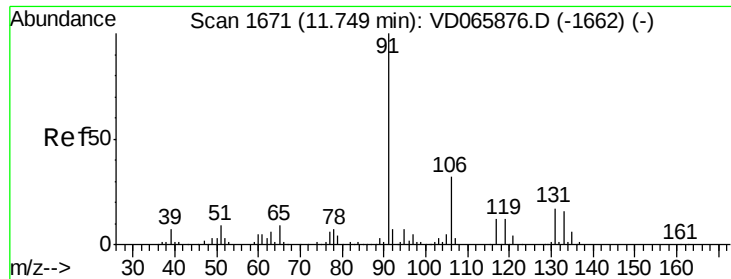
Tot Ion:112 Resp: 215096
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.319 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion:131 Resp: 78765
Ion Ratio Lower Upper
131 100
133 98.8 48.1 144.3
119 65.6 33.0 98.9

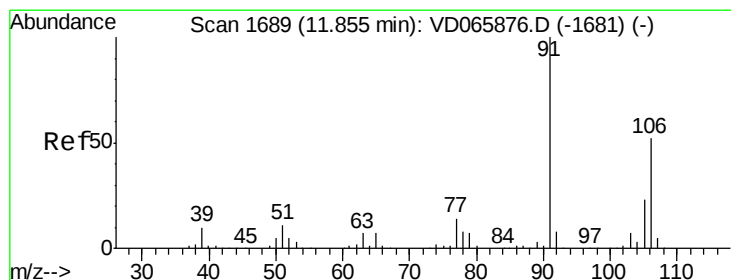
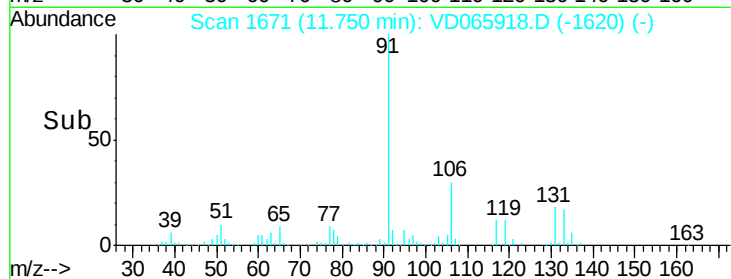
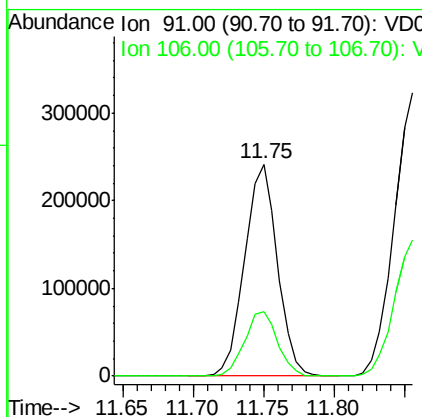
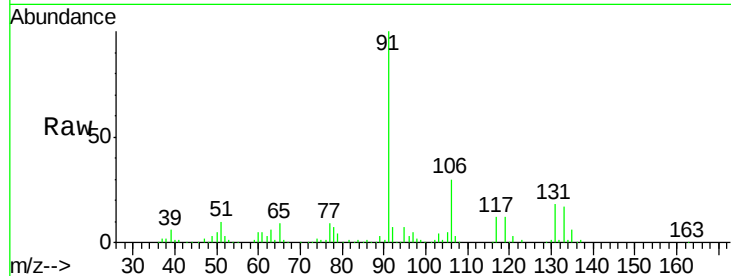




#67
Ethyl Benzene
Concen: 49.307 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

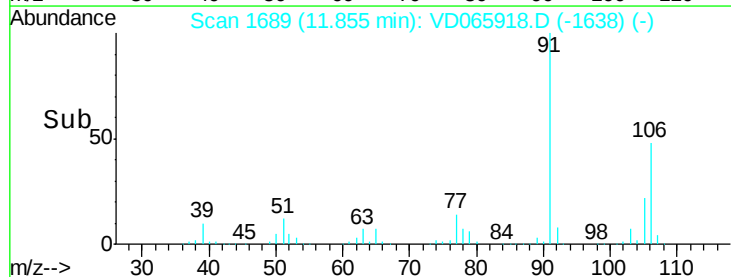
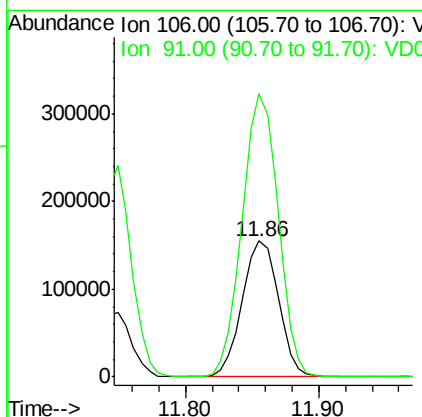
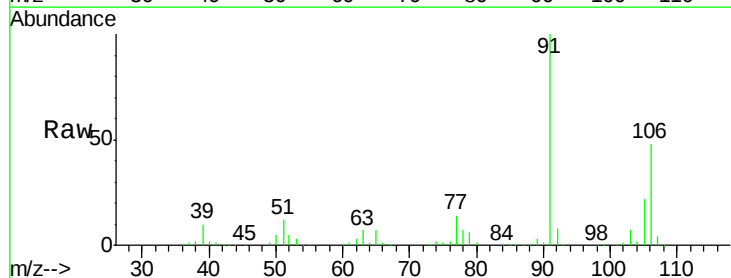
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

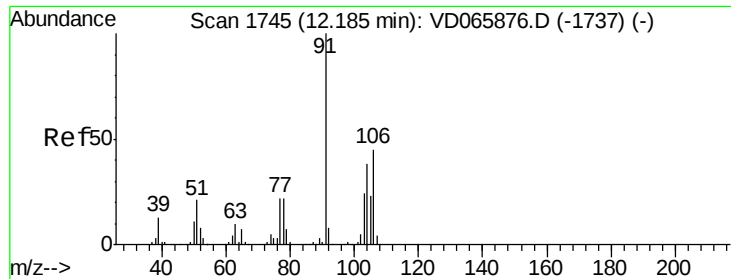
Tot Ion: 91 Resp: 392593
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9



#68
m/p-Xylenes
Concen: 96.587 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 106 Resp: 292805
Ion Ratio Lower Upper
106 100
91 207.1 159.5 239.3

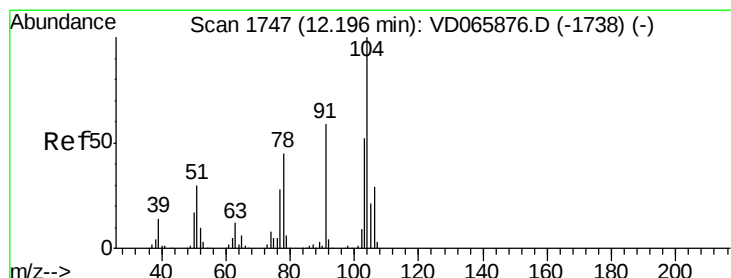
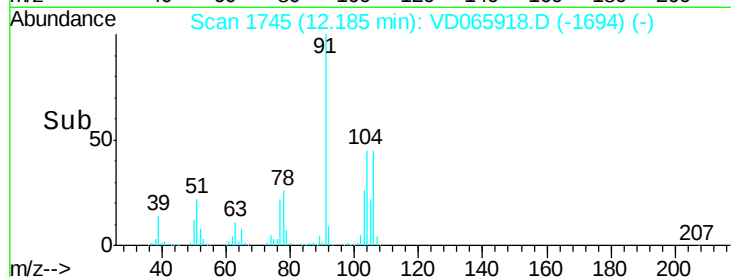
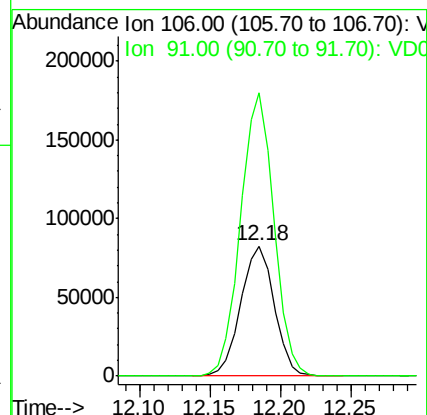
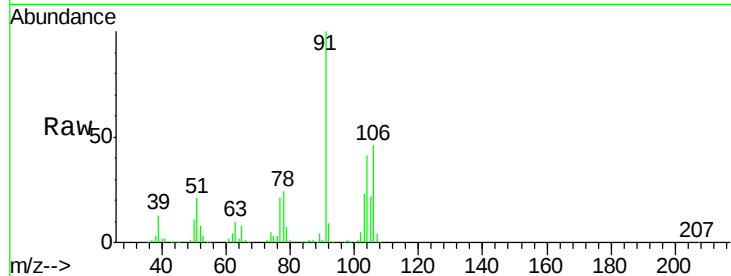




#69
o-Xylene
Concen: 50.336 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

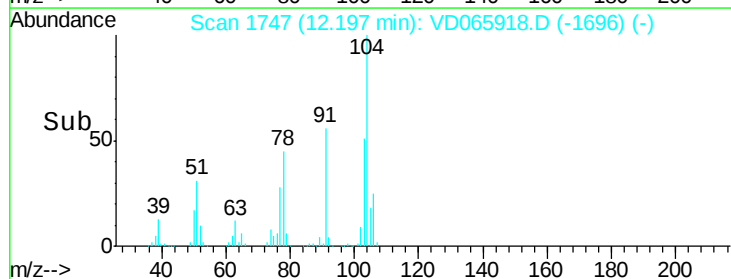
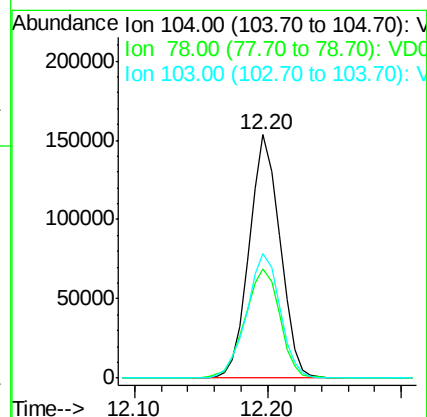
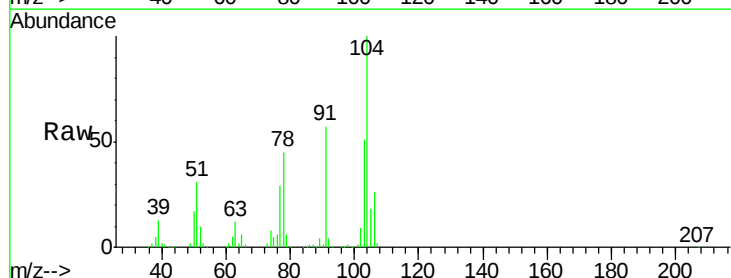
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

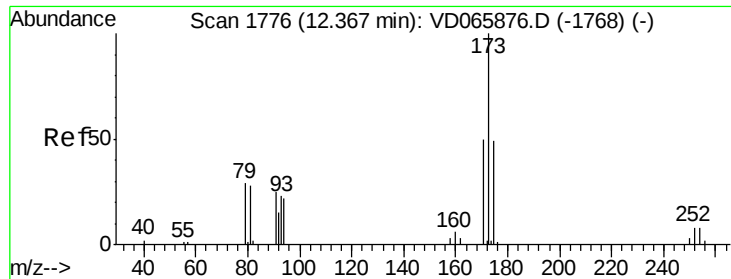
Tot Ion:106 Resp: 137126
Ion Ratio Lower Upper
106 100
91 216.6 107.5 322.6



#70
Styrene
Concen: 51.202 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion:104 Resp: 243900
Ion Ratio Lower Upper
104 100
78 50.6 39.8 59.6
103 55.4 44.6 66.8

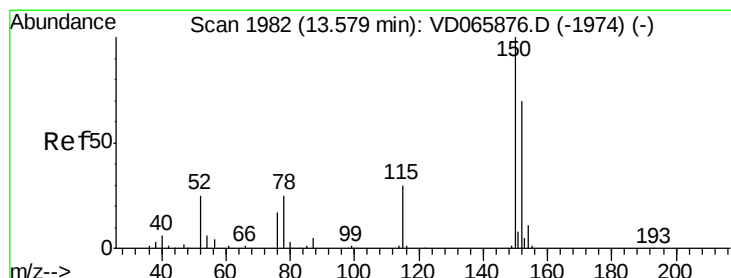
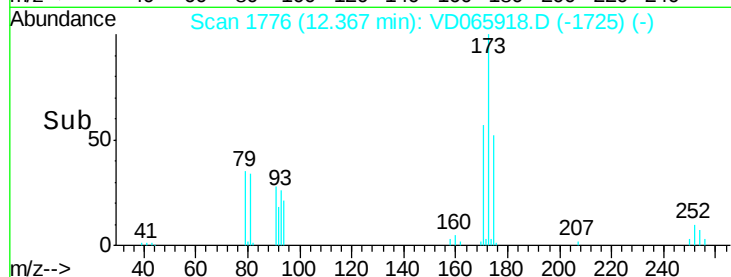
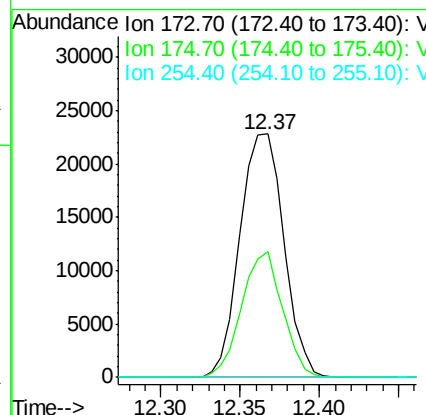
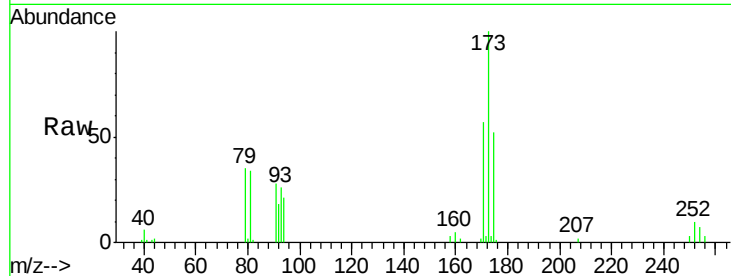




#71
Bromoform
Concen: 51.884 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

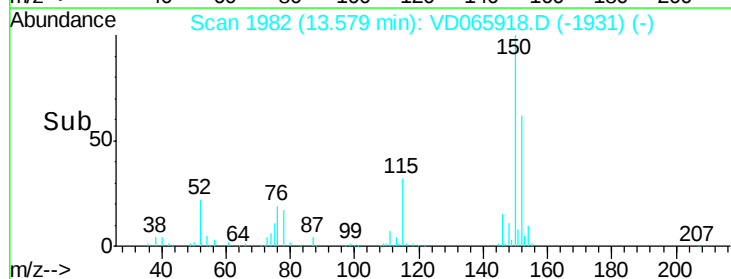
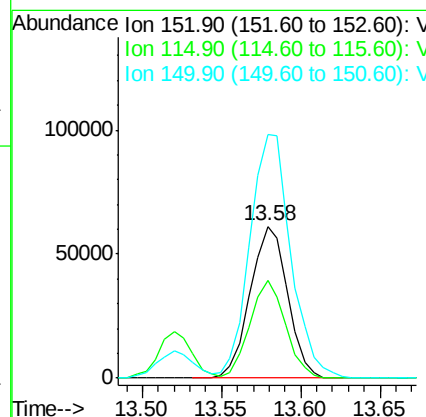
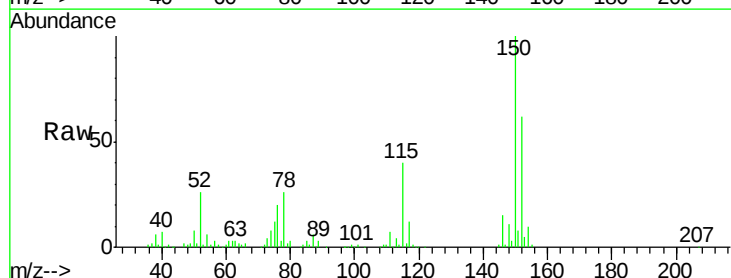
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

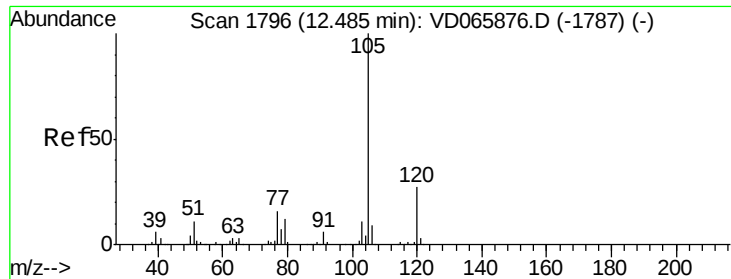
Tot Ion:173 Resp: 44005
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion:152 Resp: 100321
Ion Ratio Lower Upper
152 100
115 61.3 29.7 89.1
150 176.5 0.0 346.2

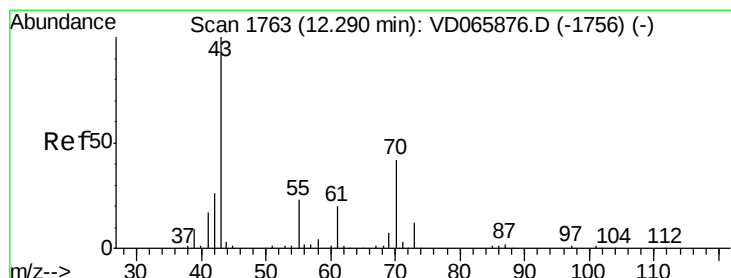
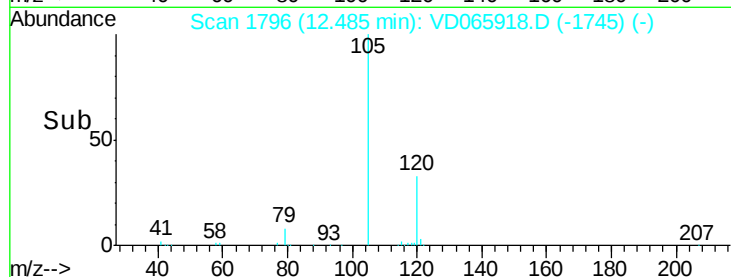
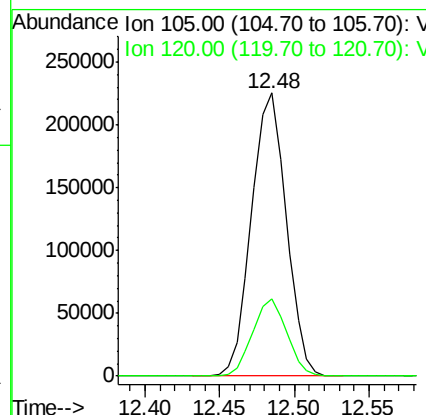
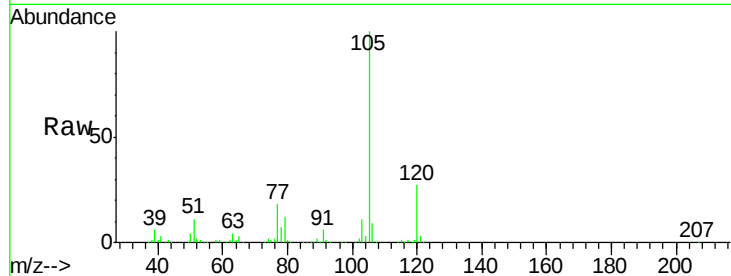




#73
Isopropylbenzene
Concen: 50.567 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

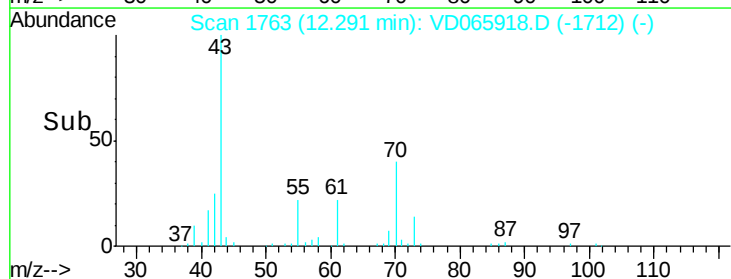
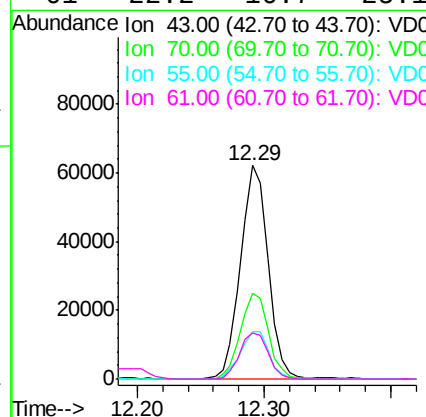
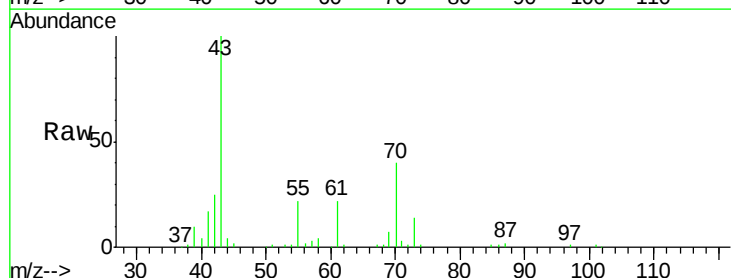
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

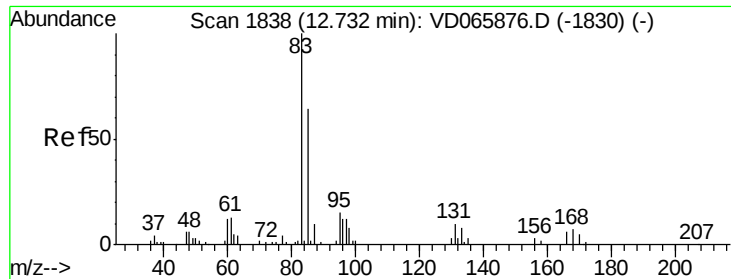
Tot Ion:105 Resp: 363338
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8



#74
N-ethyl acetate
Concen: 58.952 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 43 Resp: 93587
Ion Ratio Lower Upper
43 100
70 40.5 32.5 48.7
55 23.2 18.7 28.1
61 22.2 16.7 25.1





#75

1,1,2,2-Tetrachloroethane

Concen: 57.822 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

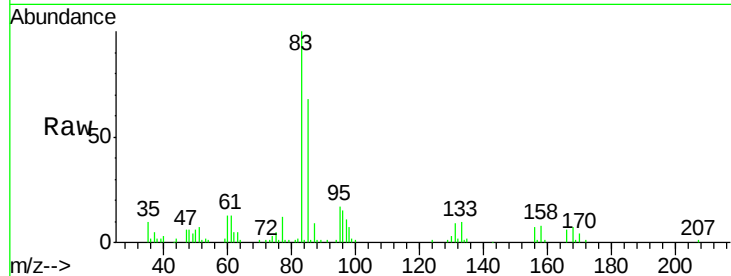
Tot Ion: 83 Resp: 68389

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.4

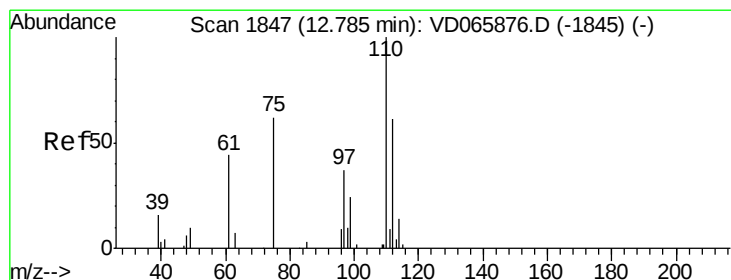
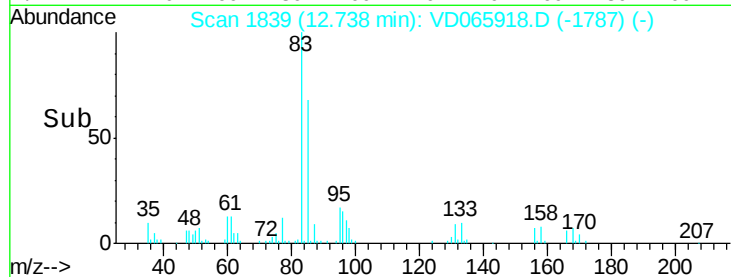
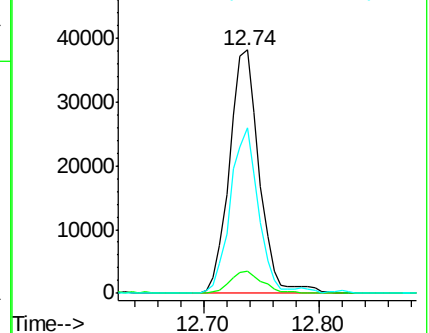
85 63.2 32.3 96.9



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: 101.549 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065918.D

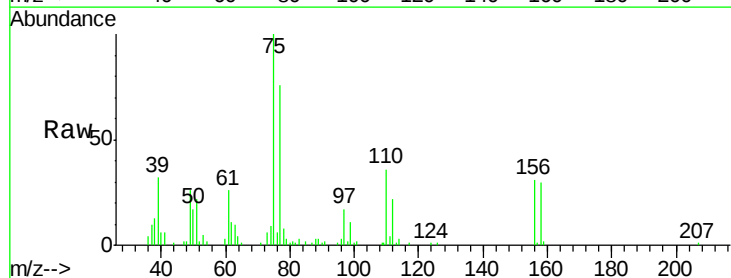
Acq: 01 Jul 2020 20:45

Tgt Ion: 75 Resp: 89143

Ion Ratio Lower Upper

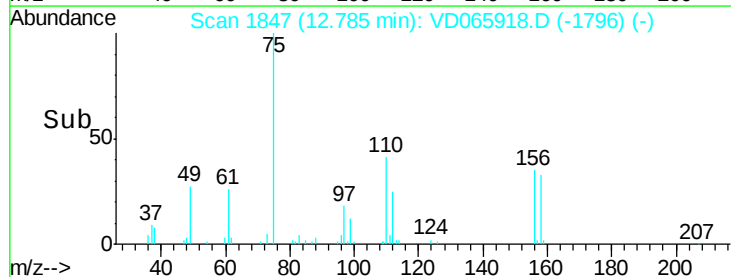
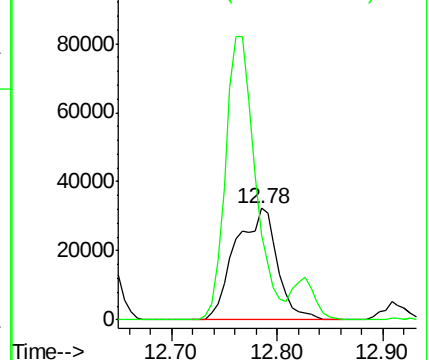
75 100

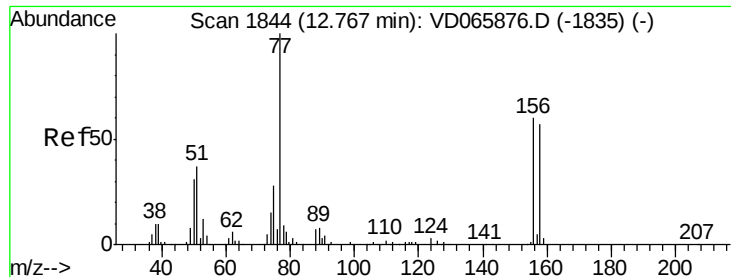
77 0.0 168.5 505.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.063 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

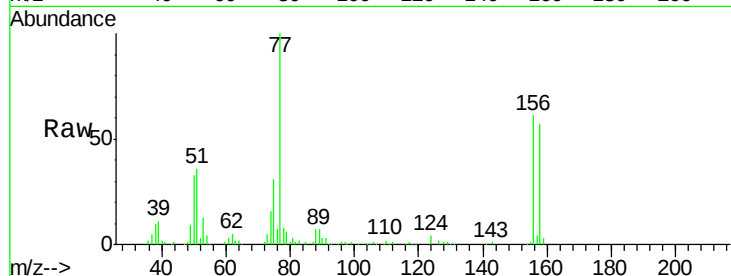
Tot Ion:156 Resp: 84106

Ion Ratio Lower Upper

156 100

77 192.8 90.5 271.5

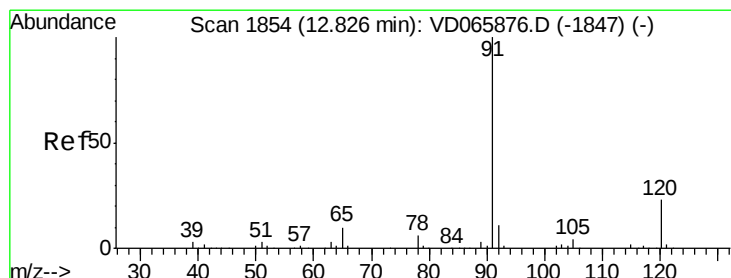
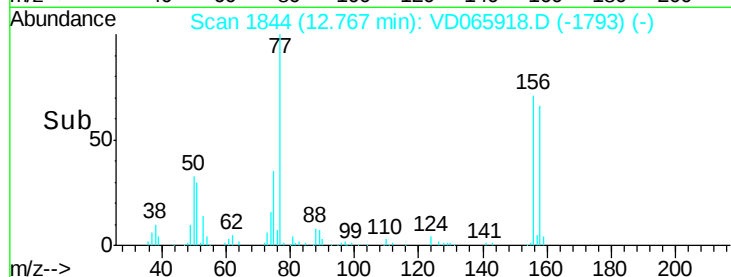
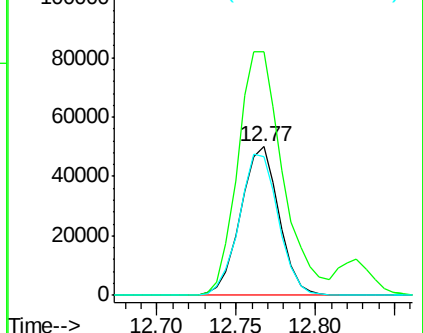
158 97.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.470 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065918.D

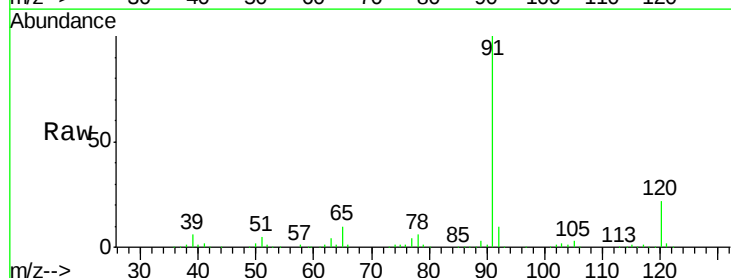
Acq: 01 Jul 2020 20:45

Tgt Ion: 91 Resp: 445547

Ion Ratio Lower Upper

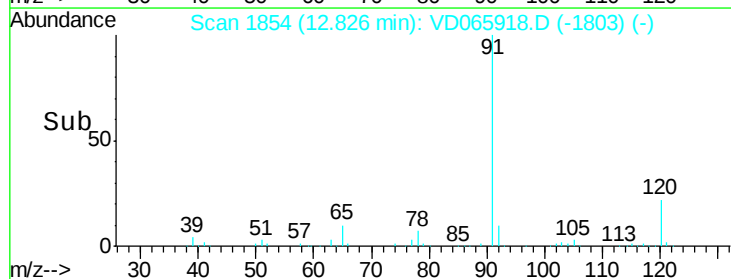
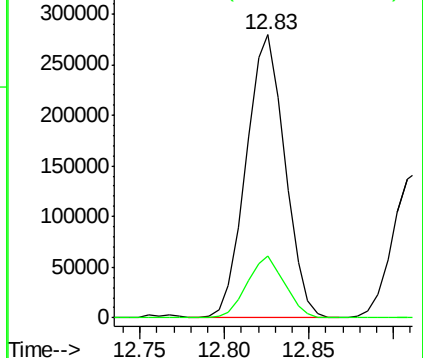
91 100

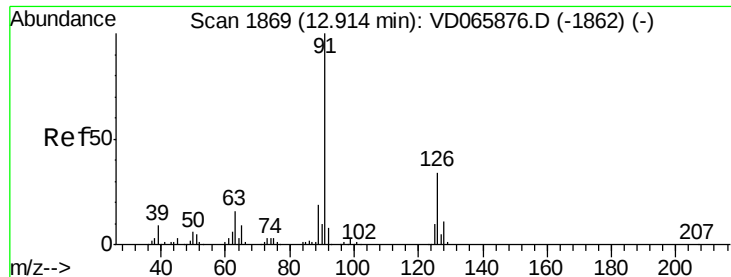
120 21.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.319 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

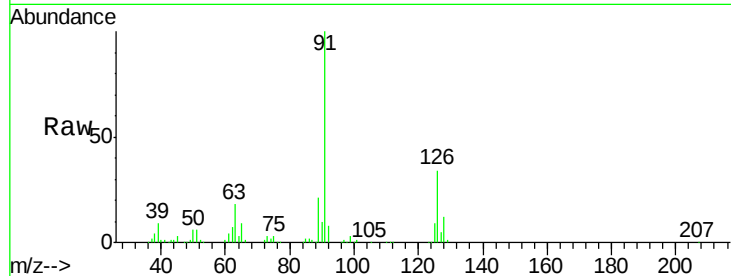
VSTDCCC050EC

Tot Ion: 91 Resp: 244692

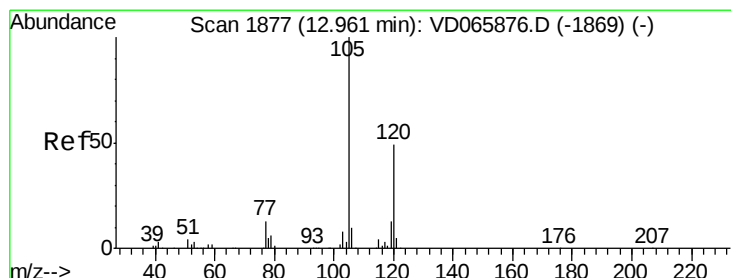
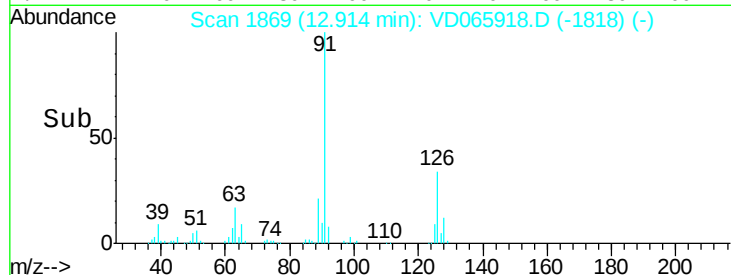
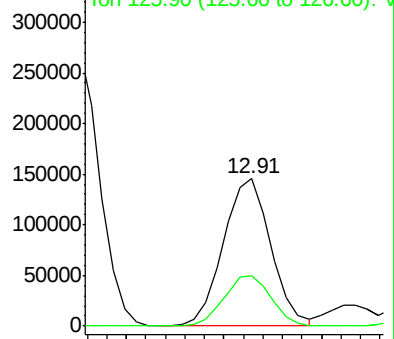
Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VD065918.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.195 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065918.D

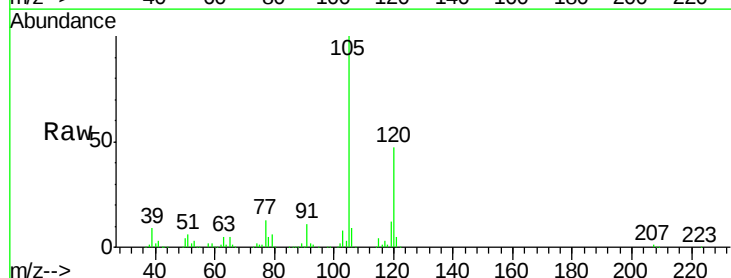
Acq: 01 Jul 2020 20:45

Tgt Ion:105 Resp: 313517

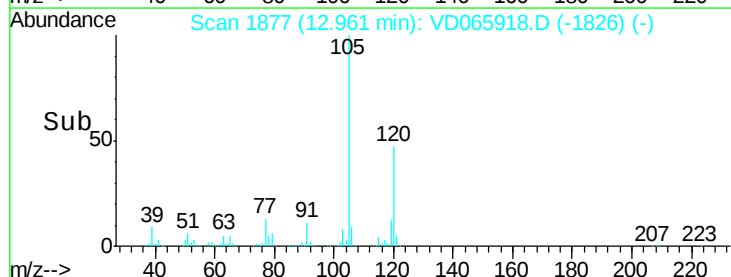
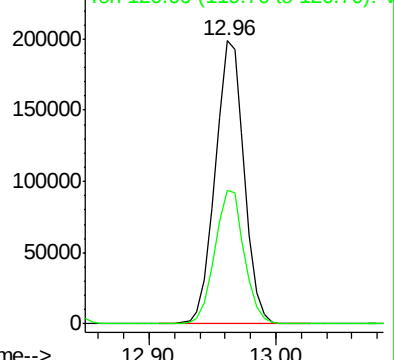
Ion Ratio Lower Upper

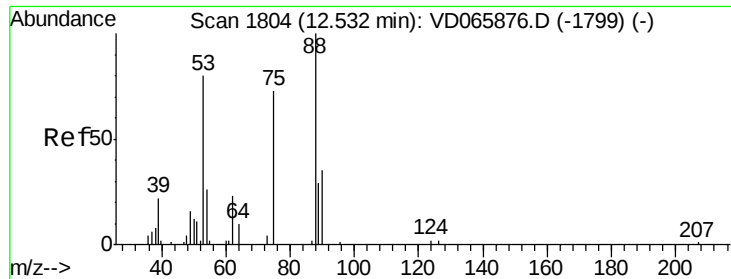
105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD065918.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.438 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD065918.D

Acq: 01 Jul 2020 20:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

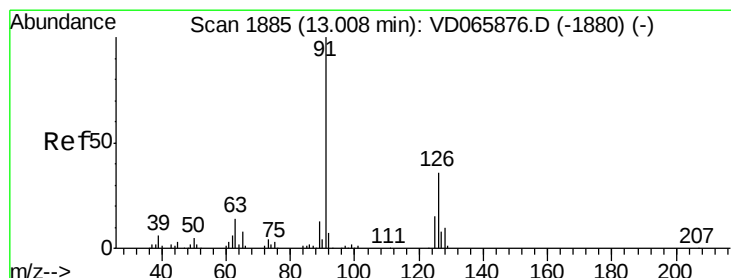
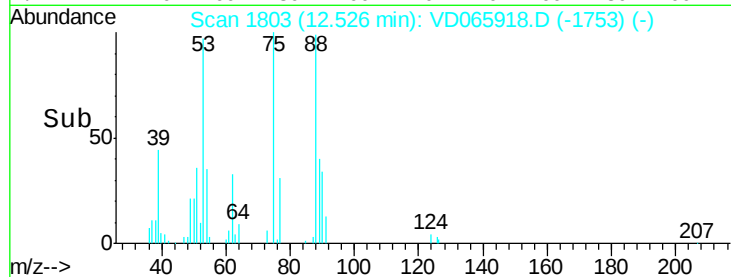
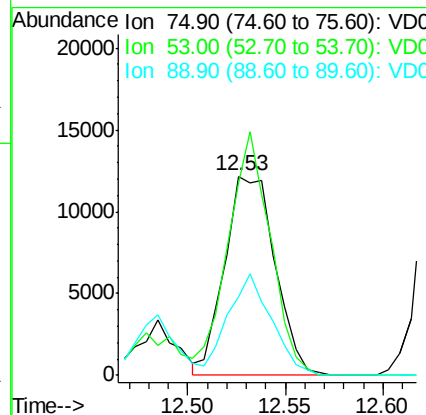
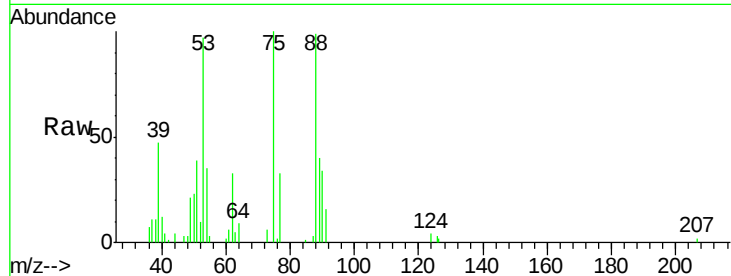
Tot Ion: 75 Resp: 21835

Ion Ratio Lower Upper

75 100

53 102.5 80.6 121.0

89 43.7 36.5 54.7



#82

4-Chlorotoluene

Concen: 51.850 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065918.D

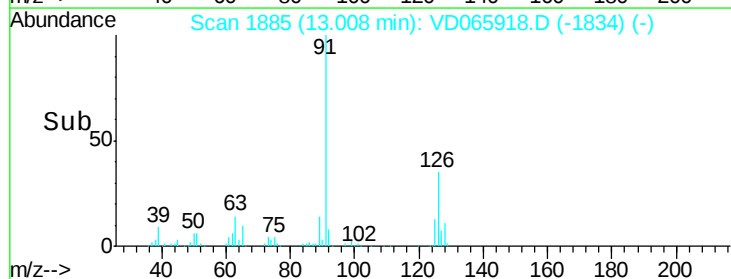
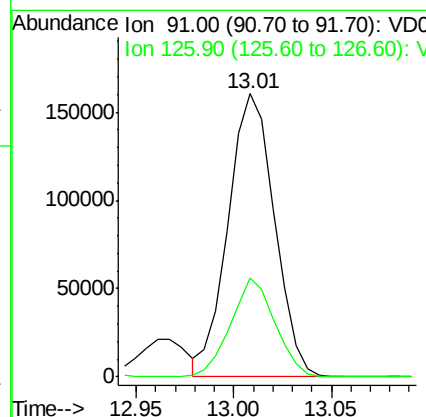
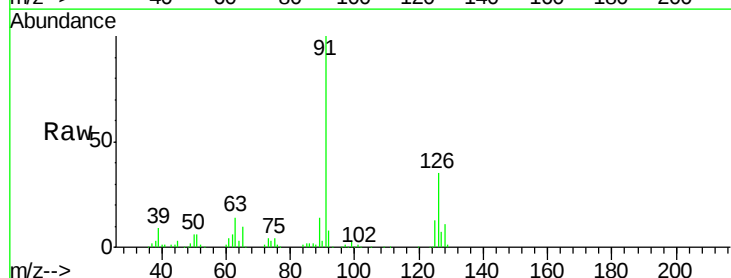
Acq: 01 Jul 2020 20:45

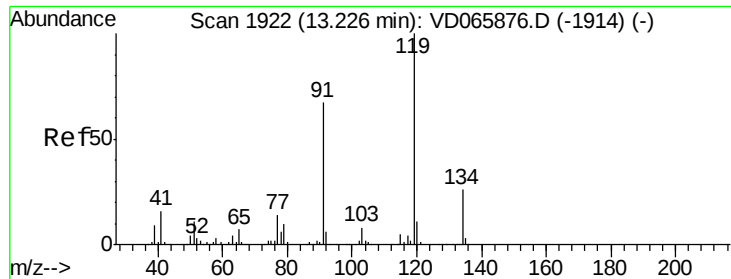
Tgt Ion: 91 Resp: 264192

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.8

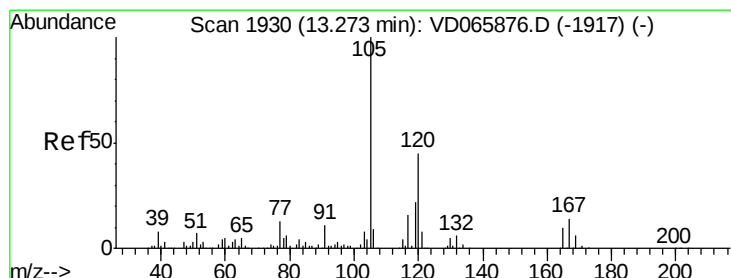
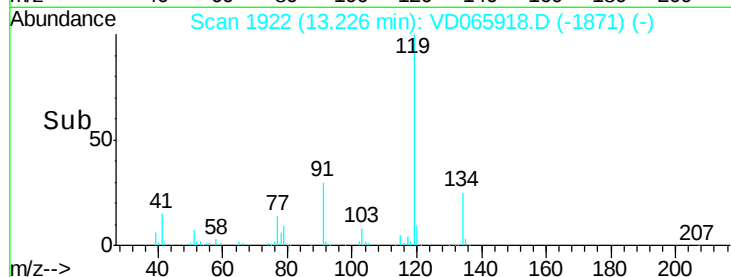
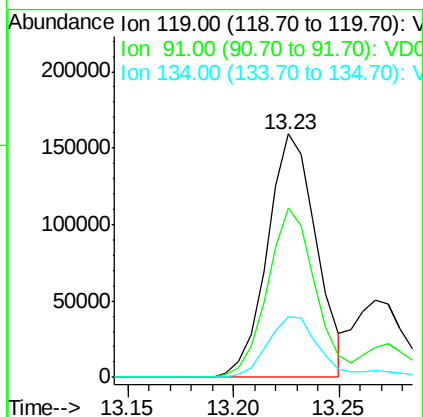
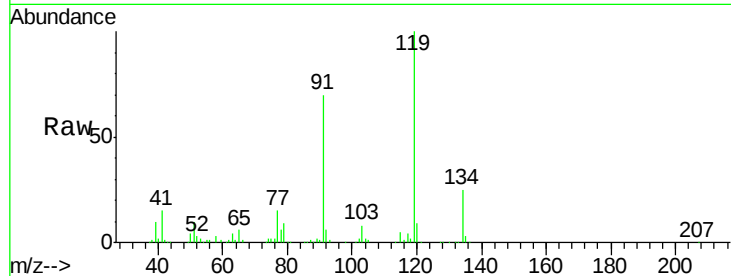




#83
 tert-Butylbenzene
 Concen: 50.691 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

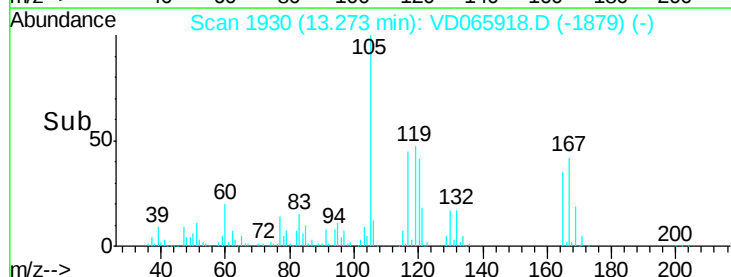
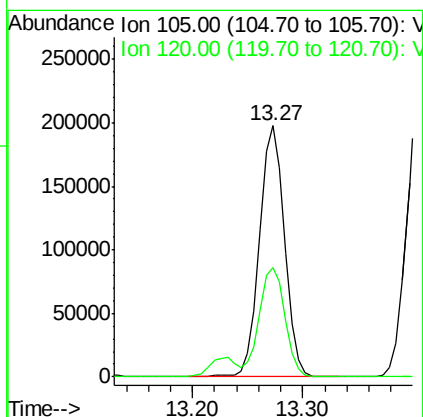
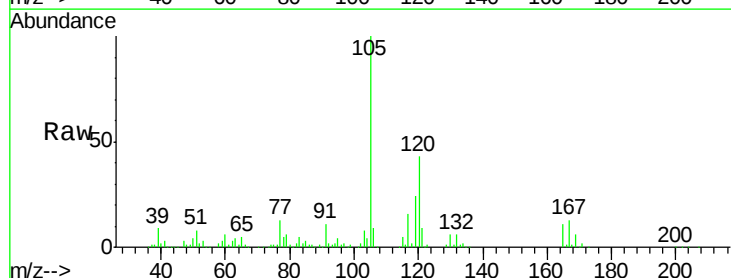
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

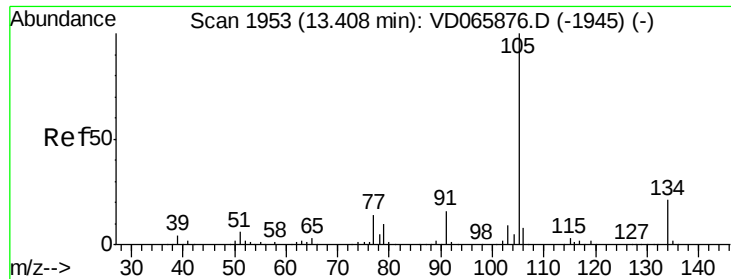
Tot Ion:119 Resp: 256240
 Ion Ratio Lower Upper
 119 100
 91 68.3 32.2 96.6
 134 27.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.360 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion:105 Resp: 315731
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.0 69.0

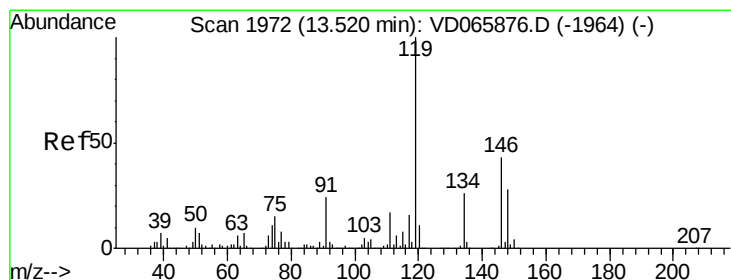
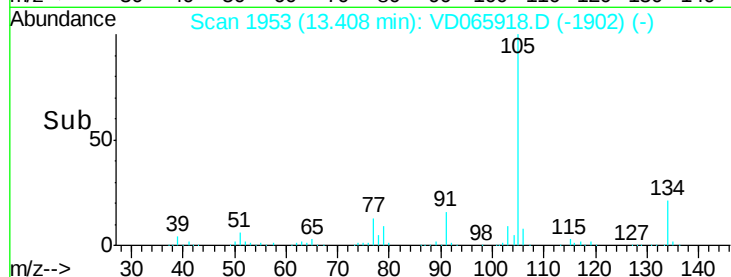
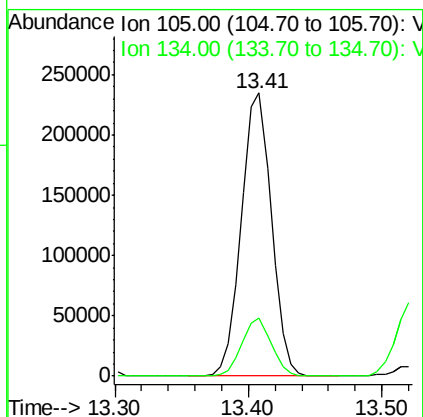
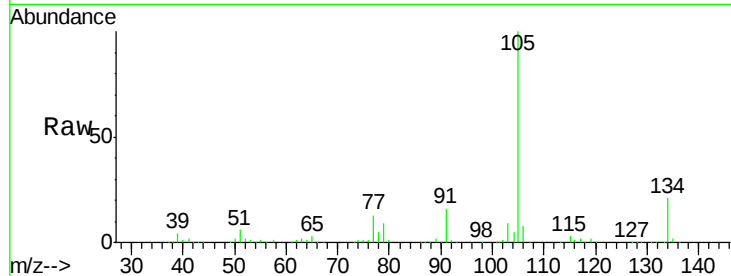




#85
 sec-Butylbenzene
 Concen: 50.697 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

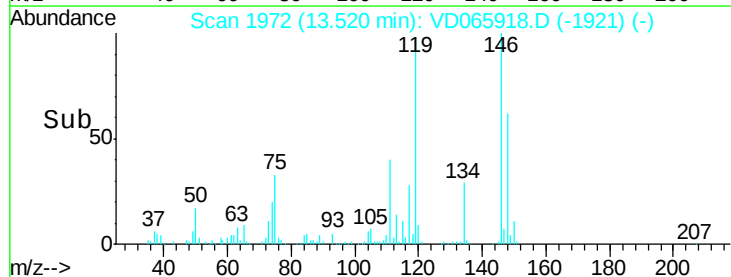
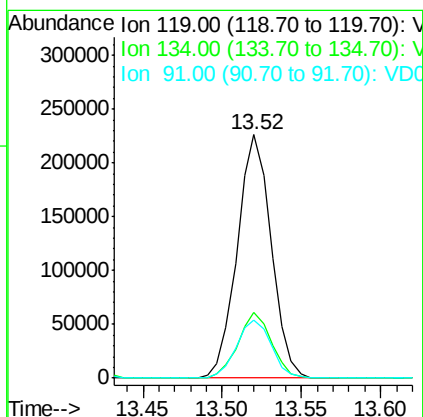
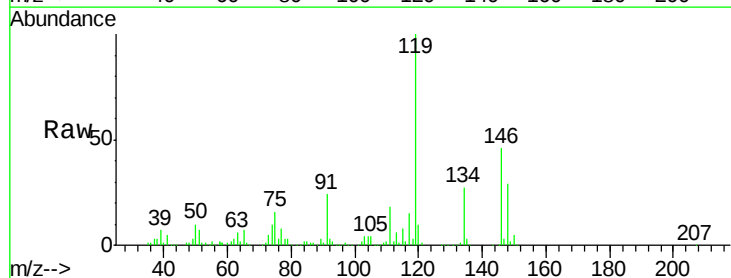
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

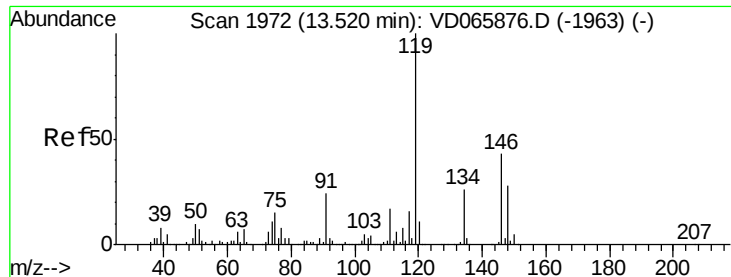
Tot Ion:105 Resp: 365202
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.413 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion:119 Resp: 336402
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 24.6 12.0 36.1

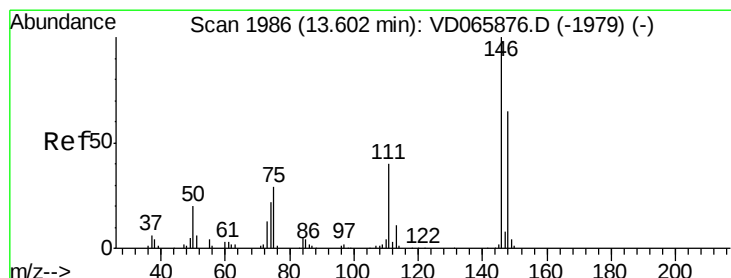
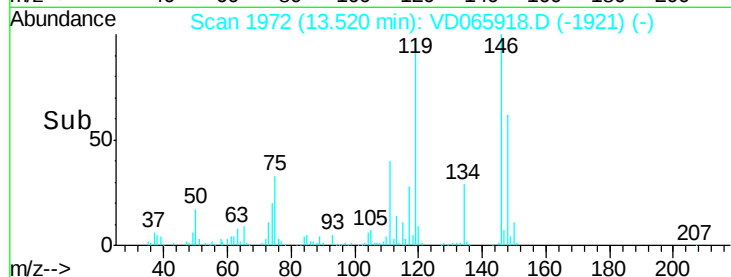
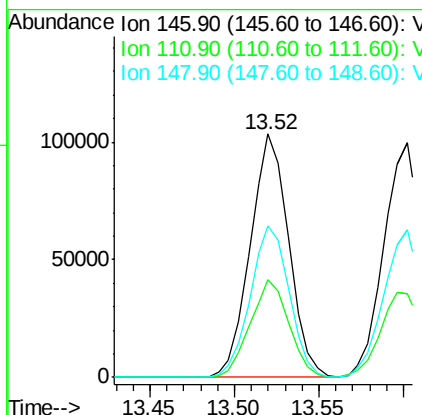
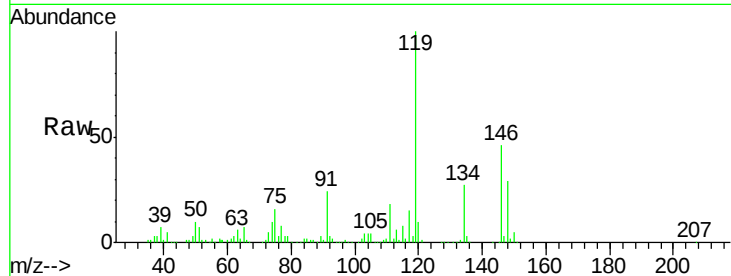




#87
 1,3-Dichlorobenzene
 Concen: 52.206 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

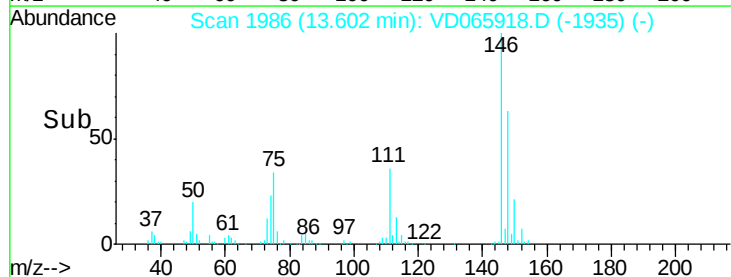
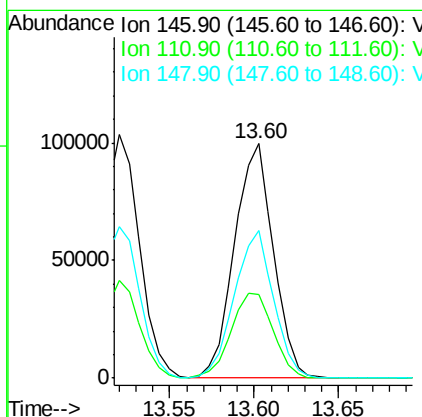
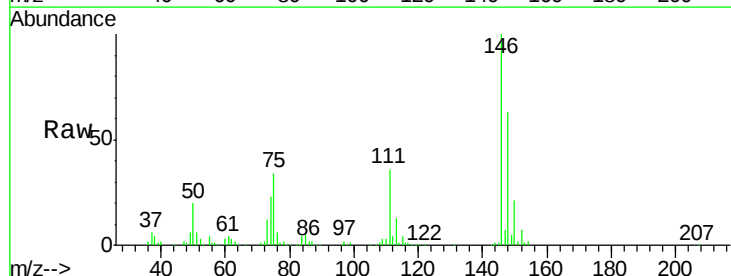
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

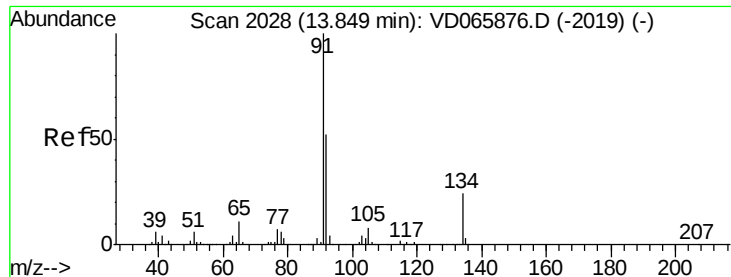
Tot Ion:146 Resp: 163857
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.4
 148 63.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.695 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion:146 Resp: 160080
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.6
 148 63.2 32.5 97.4

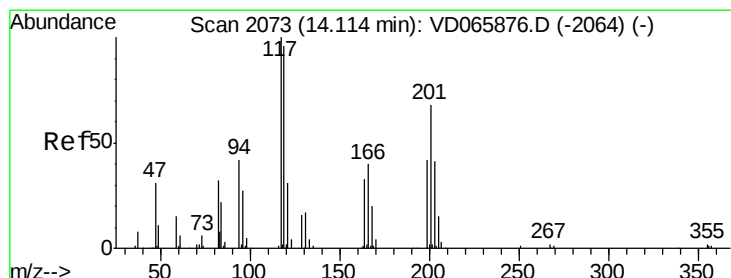
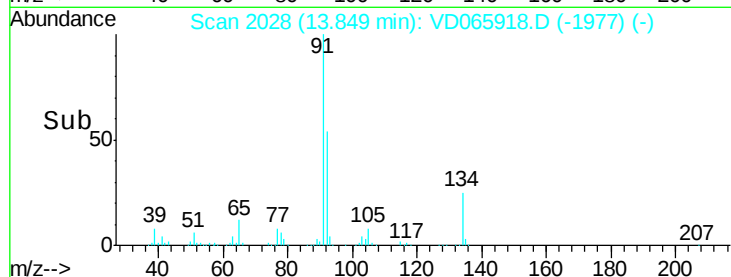
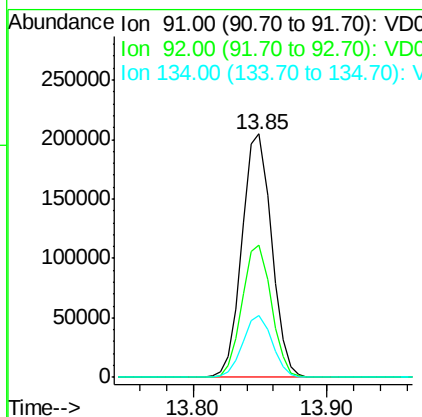
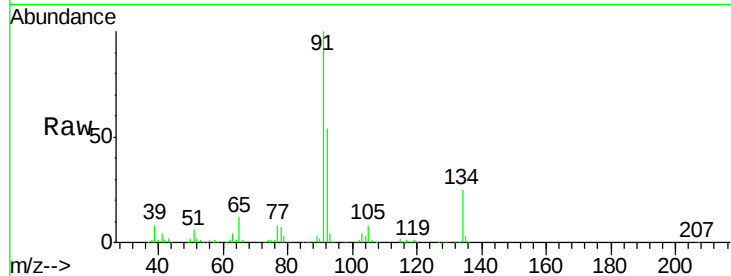




#89
n-Butylbenzene
Concen: 49.168 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

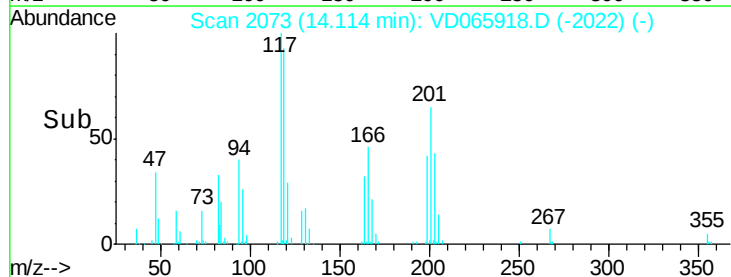
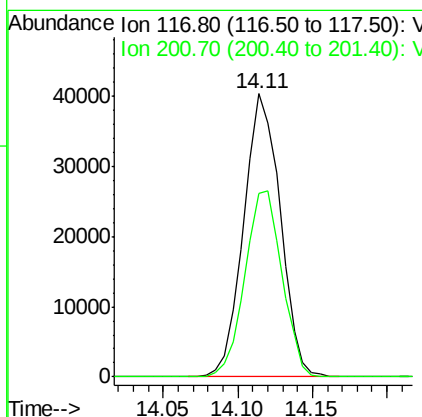
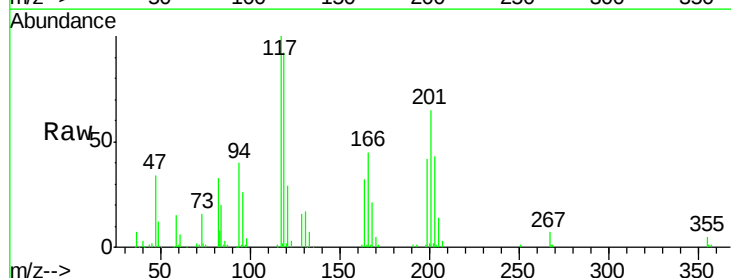
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

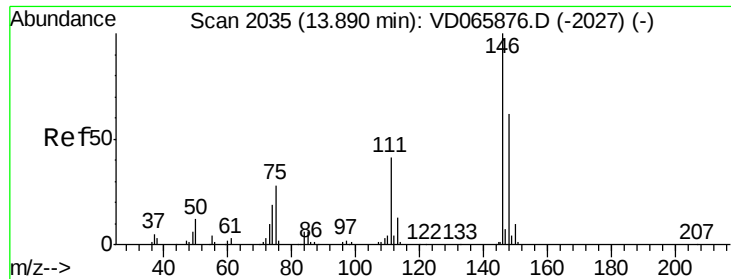
Tot Ion: 91 Resp: 313702
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.4
134 25.3 12.4 37.2



#90
Hexachloroethane
Concen: 51.272 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion: 117 Resp: 68461
Ion Ratio Lower Upper
117 100
201 66.4 35.1 105.5

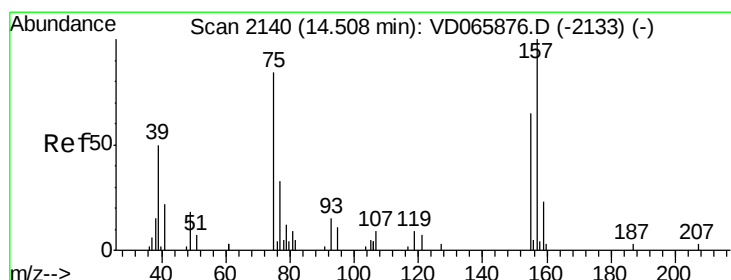
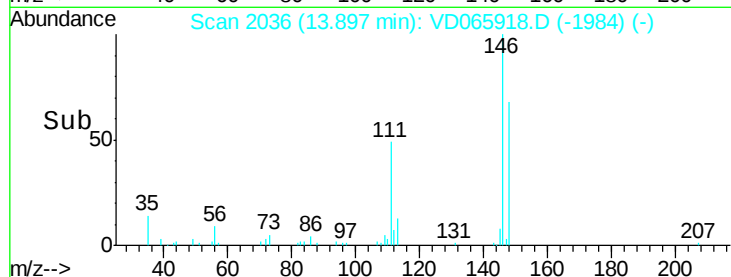
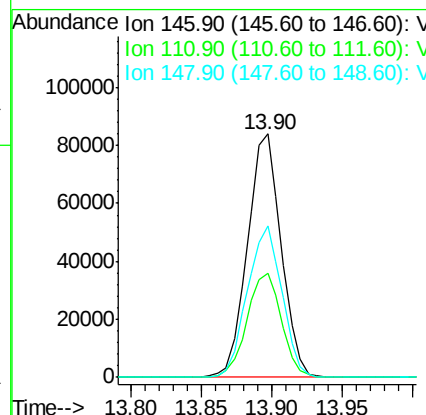
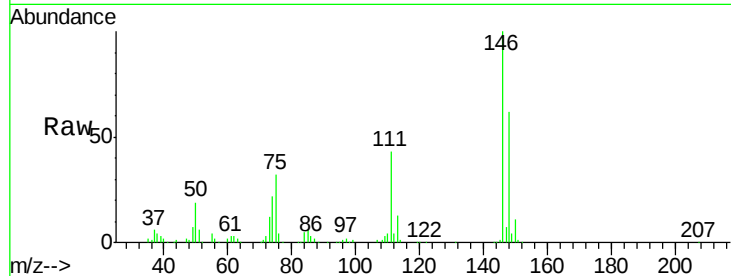




#91
 1,2-Dichlorobenzene
 Concen: 51.098 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

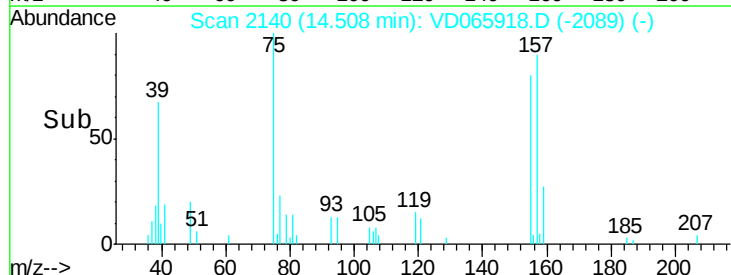
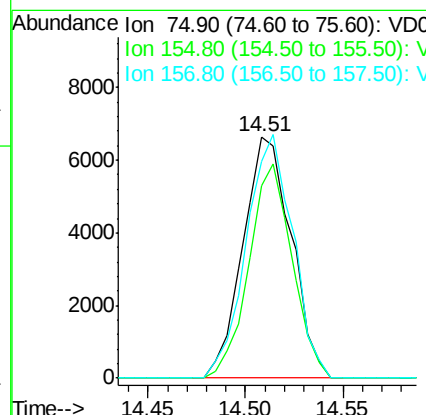
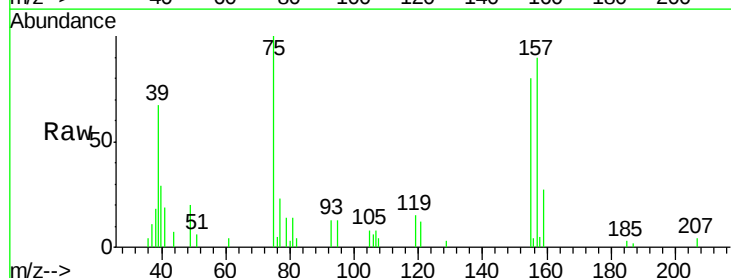
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

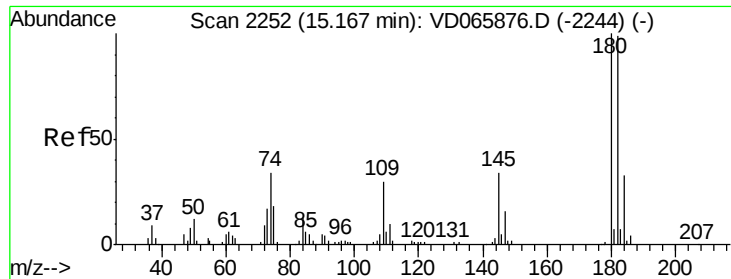
Tot Ion:146 Resp: 140501
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.8 62.4
 148 63.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.130 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion: 75 Resp: 11383
 Ion Ratio Lower Upper
 75 100
 155 79.8 37.8 113.3
 157 97.0 50.6 151.8

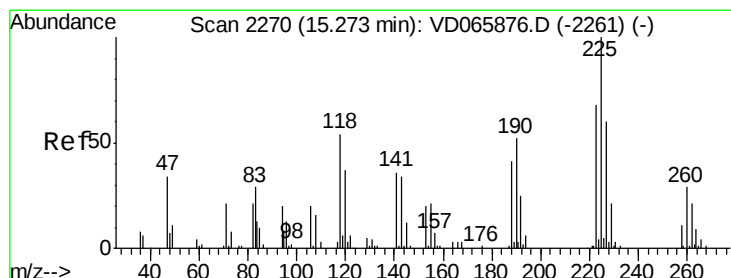
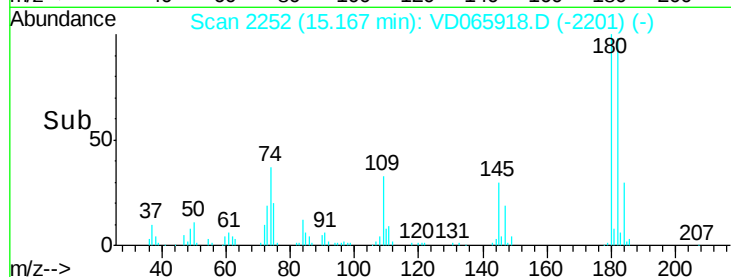
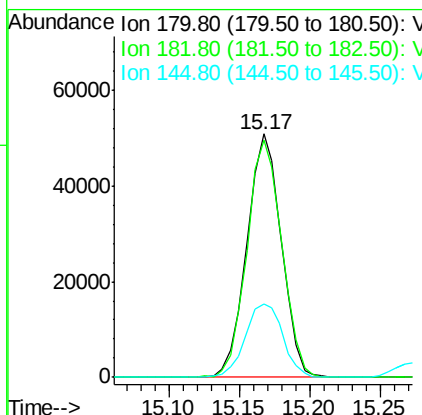
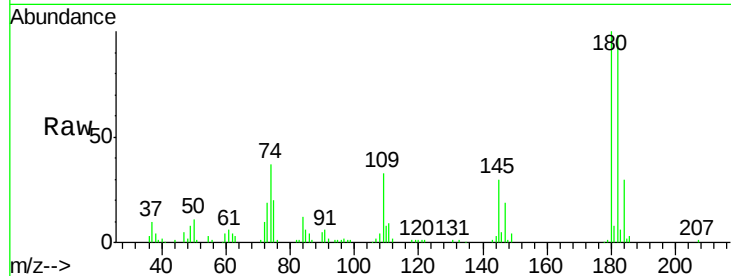




#93
 1,2,4-Trichlorobenzene
 Concen: 50.167 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

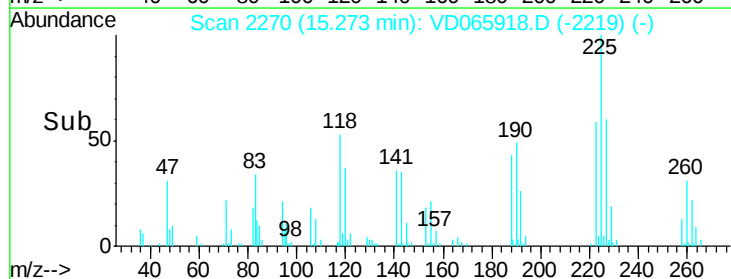
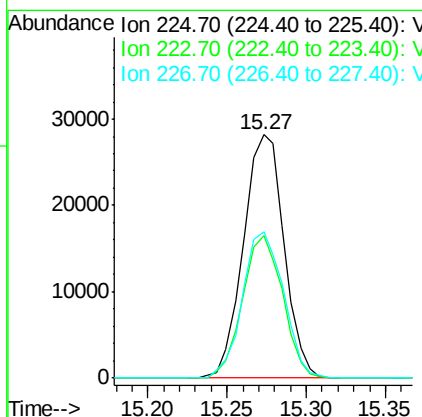
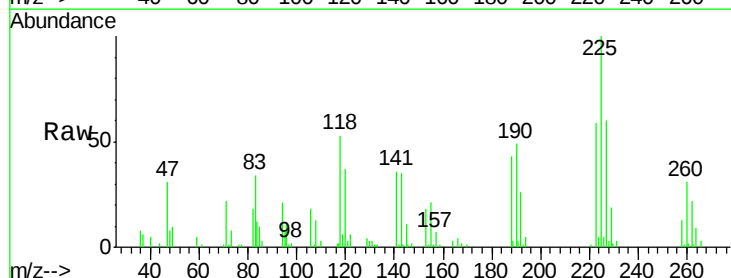
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

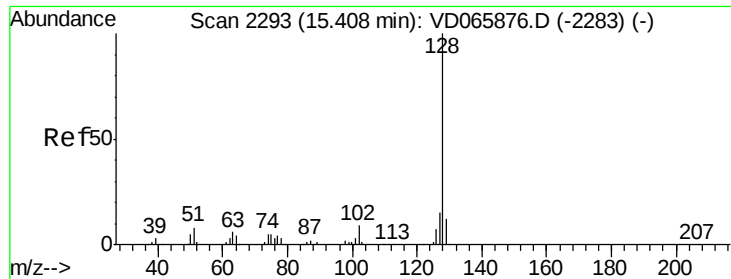
Tot Ion:180 Resp: 87448
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.7 143.1
 145 32.6 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 50.528 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065918.D
 Acq: 01 Jul 2020 20:45

Tgt Ion:225 Resp: 50238
 Ion Ratio Lower Upper
 225 100
 223 57.9 31.3 93.8
 227 60.7 30.1 90.3

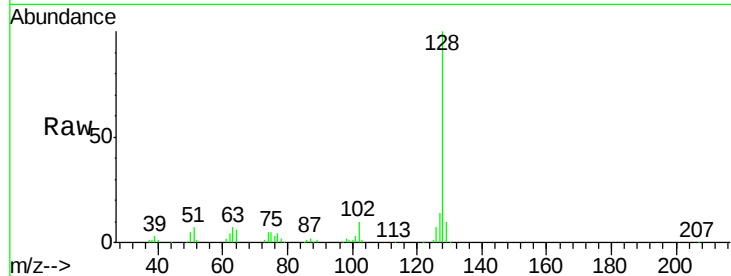




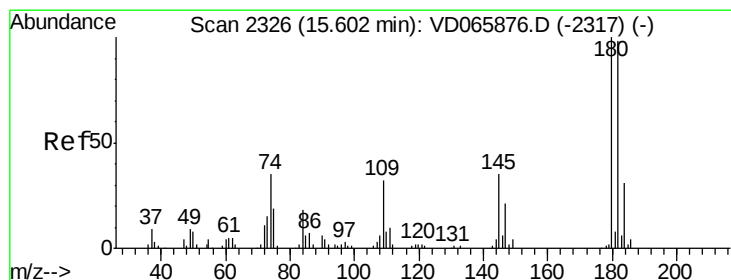
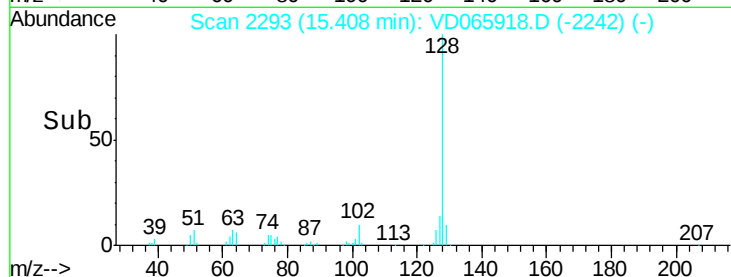
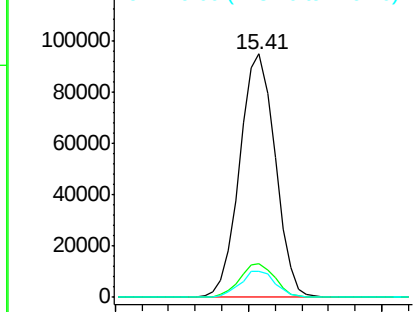
#95
Naphthalene
Concen: 55.682 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 174265
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.4 8.8 13.2

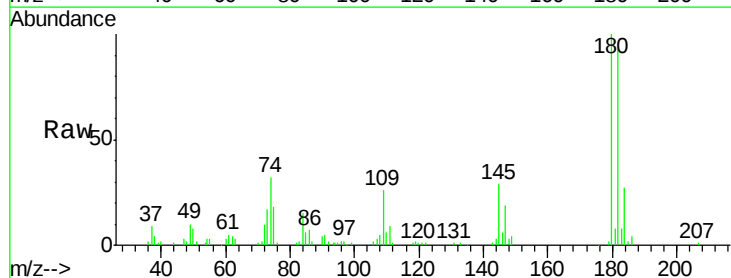


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.947 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065918.D
Acq: 01 Jul 2020 20:45

Tgt Ion:180 Resp: 78471
Ion Ratio Lower Upper
180 100
182 97.3 48.9 146.6
145 32.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

