

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
 Data File : VD065382.D
 Acq On : 02 Mar 2020 16:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 02 17:22:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	447658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	655661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	614567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	194571	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.92	113	209383	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.34	98	793835	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.64	95	260218	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	184435	49.12	ug/l	98
3) Chloromethane	2.21	50	216910	45.39	ug/l	100
4) Vinyl Chloride	2.35	62	217291	44.71	ug/l	98
5) Bromomethane	2.77	94	133994	45.60	ug/l	96
6) Chloroethane	2.92	64	135287	45.61	ug/l	98
7) Trichlorofluoromethane	3.27	101	346181	49.76	ug/l	100
8) Diethyl Ether	3.70	74	107822	51.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	223180	50.80	ug/l	99
10) Methyl Iodide	4.29	142	235506	51.62	ug/l	100
11) Tert butyl alcohol	5.24	59	56801	236.03	ug/l	100
12) 1,1-Dichloroethene	4.06	96	203727	49.09	ug/l	99
13) Acrolein	3.92	56	71799	242.72	ug/l	99
14) Allyl chloride	4.71	41	326745	48.48	ug/l	99
15) Acrylonitrile	5.43	53	242438	260.74	ug/l	99
16) Acetone	4.16	43	212473	215.83	ug/l	97
17) Carbon Disulfide	4.40	76	634826	45.62	ug/l	100
18) Methyl Acetate	4.72	43	109327	49.38	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	458136	52.93	ug/l	97
20) Methylene Chloride	4.96	84	246084	56.78	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	234965	49.80	ug/l	99
22) Diisopropyl ether	6.37	45	681331	52.44	ug/l	98
23) Vinyl Acetate	6.31	43	1915228	267.38	ug/l	98
24) 1,1-Dichloroethane	6.26	63	401592	49.83	ug/l	98
25) 2-Butanone	7.22	43	293959	236.01	ug/l	98
26) 2,2-Dichloropropane	7.21	77	343748	49.16	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	255978	51.22	ug/l	98
28) Bromochloromethane	7.55	49	151267	50.59	ug/l	99
29) Tetrahydrofuran	7.57	42	191752	262.75	ug/l	99
30) Chloroform	7.71	83	414112	51.00	ug/l	95
31) Cyclohexane	7.98	56	367827	46.45	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	365445	50.31	ug/l	99
36) 1,1-Dichloropropene	8.11	75	321855	50.45	ug/l	99
37) Ethyl Acetate	7.30	43	133655	50.11	ug/l	99
38) Carbon Tetrachloride	8.10	117	329347	50.71	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	395358	52.71	ug/l	97
40) Benzene	8.35	78	944159	52.43	ug/l	100
41) Methacrylonitrile	7.53	41	79413	51.57	ug/l	95
42) 1,2-Dichloroethane	8.43	62	247747	50.05	ug/l	98
43) Isopropyl Acetate	8.46	43	250935	51.74	ug/l	100
44) Trichloroethene	9.11	130	260583	52.21	ug/l	94
45) 1,2-Dichloropropane	9.39	63	235970	52.70	ug/l	99
46) Dibromomethane	9.48	93	121809	52.87	ug/l	97
47) Bromodichloromethane	9.67	83	315755	52.01	ug/l	98
48) Methyl methacrylate	9.46	41	120143	53.59	ug/l	95
49) 1,4-Dioxane	9.47	88	28327	1048.36	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	658645	267.39	ug/l	99
52) Toluene	10.41	92	604736	54.26	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	305983	54.37	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	369187	54.33	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	173882	53.62	ug/l	98
56) Ethyl methacrylate	10.67	69	211923	56.62	ug/l	99
57) 1,3-Dichloropropane	10.95	76	294134	53.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	292826	248.16	ug/l	98
59) 2-Hexanone	10.99	43	465327	263.89	ug/l	97
60) Dibromochloromethane	11.14	129	226319	54.53	ug/l	98
61) 1,2-Dibromoethane	11.25	107	167347	54.51	ug/l	98
64) Tetrachloroethene	10.88	164	222122	50.96	ug/l	96
65) Chlorobenzene	11.67	112	634024	51.41	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	238473	51.82	ug/l	99
67) Ethyl Benzene	11.75	91	1124930	52.08	ug/l	99
68) m/p-Xylenes	11.86	106	877974	106.24	ug/l	99
69) o-Xylene	12.18	106	394547	53.89	ug/l	98
70) Styrene	12.20	104	699646	53.82	ug/l	99
71) Bromoform	12.37	173	134688	52.74	ug/l #	99
73) Isopropylbenzene	12.48	105	1081367	53.85	ug/l	99
74) N-amyl acetate	12.30	43	233282	52.28	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	185523	51.19	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	239168	92.67	ug/l #	100
77) Bromobenzene	12.77	156	264842	53.11	ug/l	98
78) n-propylbenzene	12.83	91	1288262	53.38	ug/l	99
79) 2-Chlorotoluene	12.91	91	705725	52.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	896325	54.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	58475	48.92	ug/l	96
82) 4-Chlorotoluene	13.01	91	749165	52.20	ug/l	98
83) tert-Butylbenzene	13.23	119	740733	53.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	891630	53.86	ug/l	100
85) sec-Butylbenzene	13.41	105	1065008	53.31	ug/l	100
86) p-Isopropyltoluene	13.53	119	987553	54.06	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	502539	52.13	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	494755	52.00	ug/l	100
89) n-Butylbenzene	13.86	91	913039	54.24	ug/l	100
90) Hexachloroethane	14.12	117	191886	51.73	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	431849	52.17	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28533	51.08	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

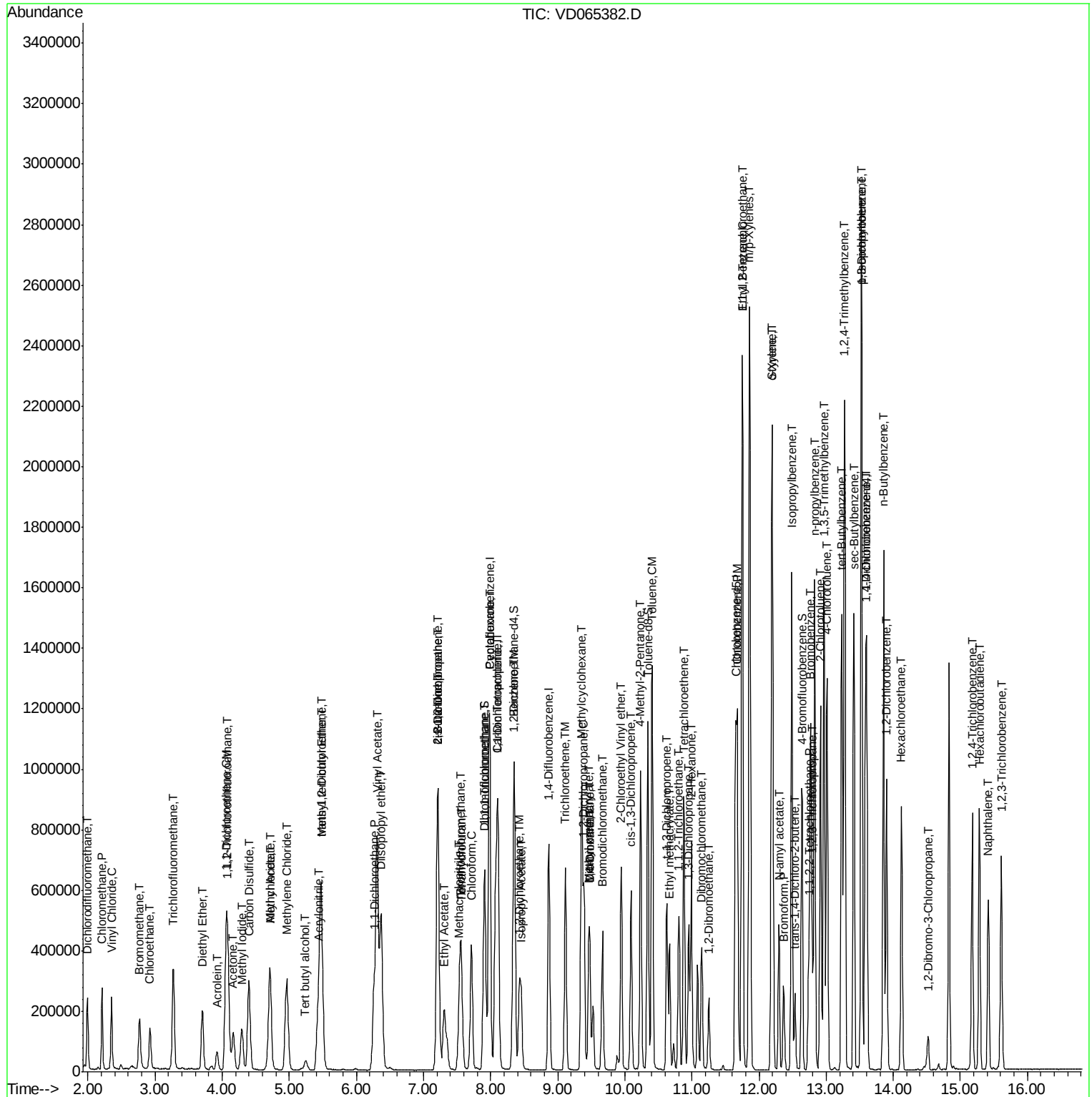
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	302608	55.89	ug/l	98
94) Hexachlorobutadiene	15.28	225	185879	53.52	ug/l	100
95) Naphthalene	15.41	128	506707	57.56	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	264875	56.01	ug/l	98

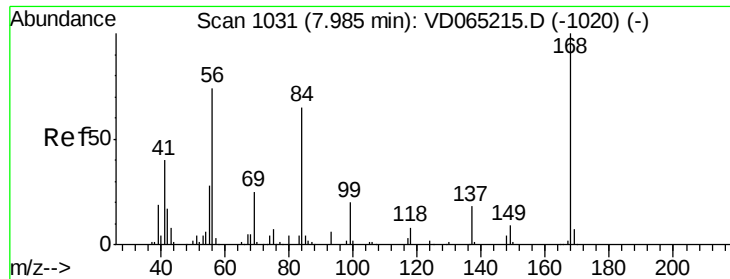
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

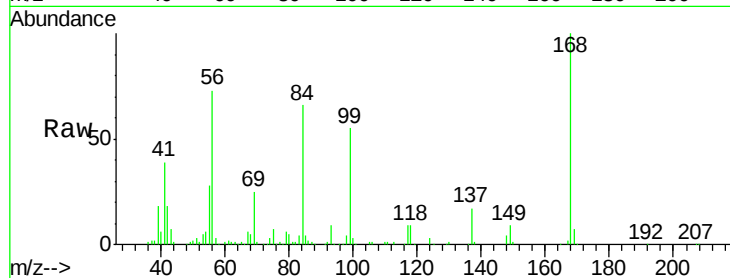
VSTDCCC050EC

Tgt Ion:168 Resp: 447658

Ion Ratio Lower Upper

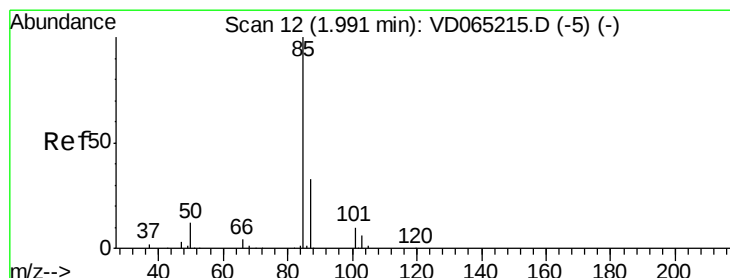
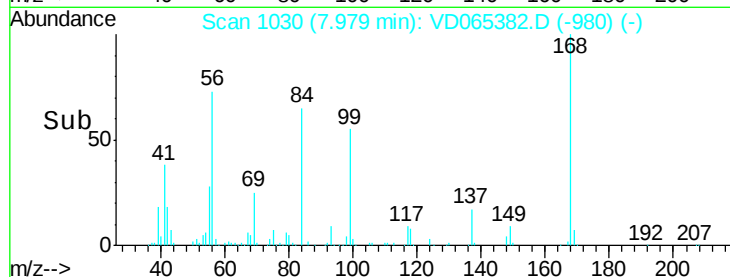
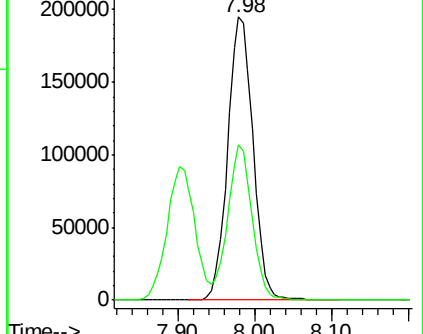
168 100

99 54.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 49.12 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065382.D

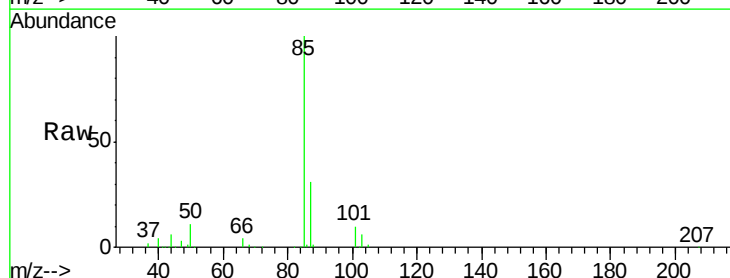
Acq: 02 Mar 2020 16:53

Tgt Ion: 85 Resp: 184435

Ion Ratio Lower Upper

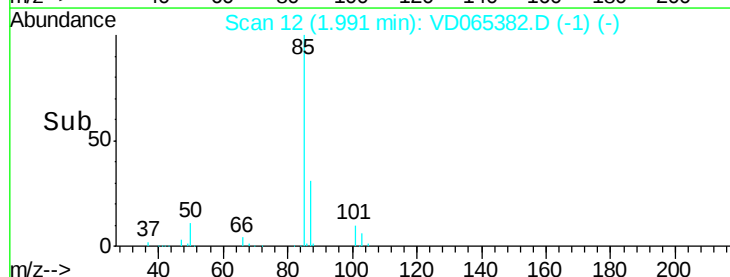
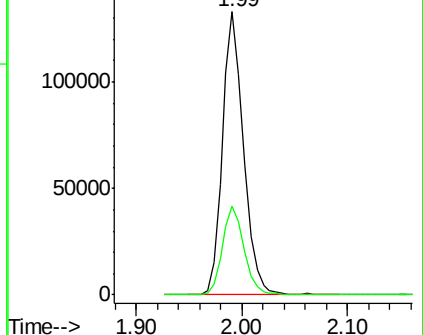
85 100

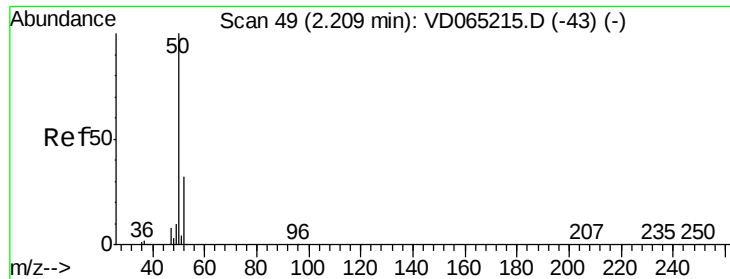
87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.39 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

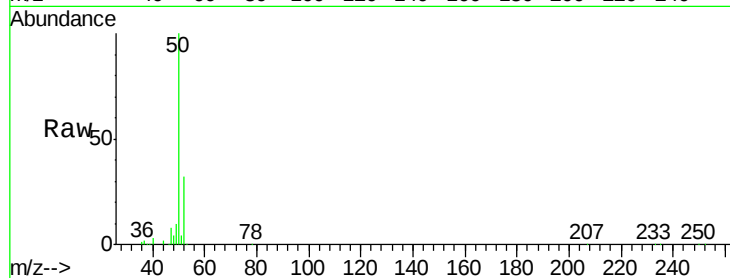
VSTDCCC050EC

Tgt Ion: 50 Resp: 216910

Ion Ratio Lower Upper

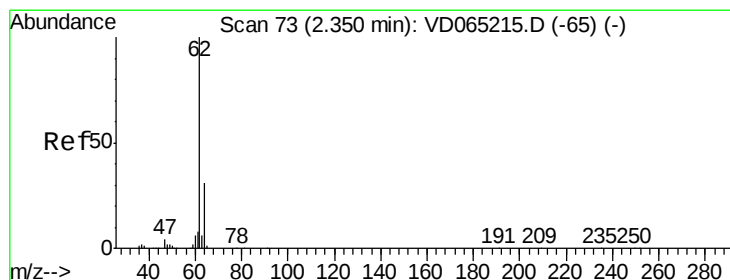
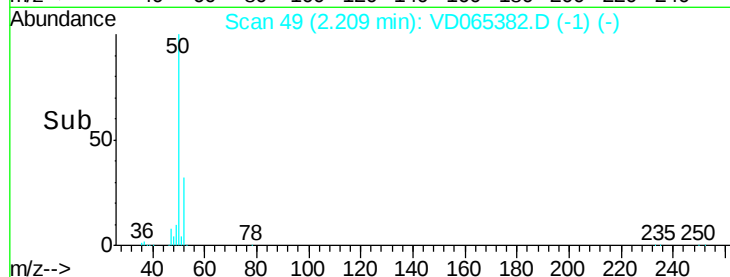
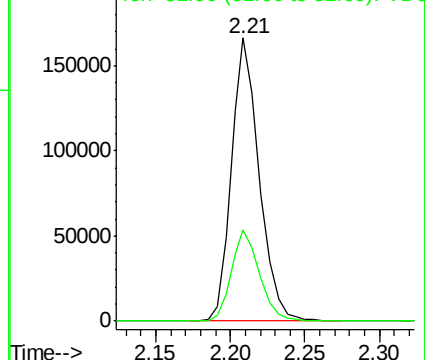
50 100

52 32.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.71 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065382.D

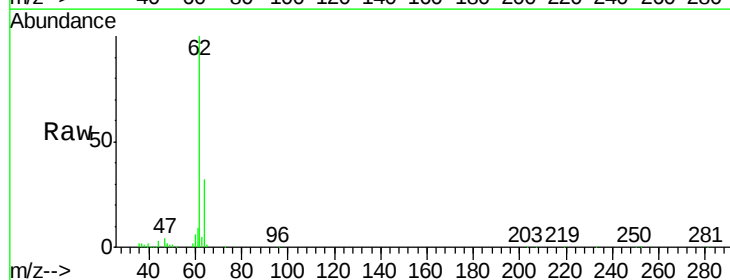
Acq: 02 Mar 2020 16:53

Tgt Ion: 62 Resp: 217291

Ion Ratio Lower Upper

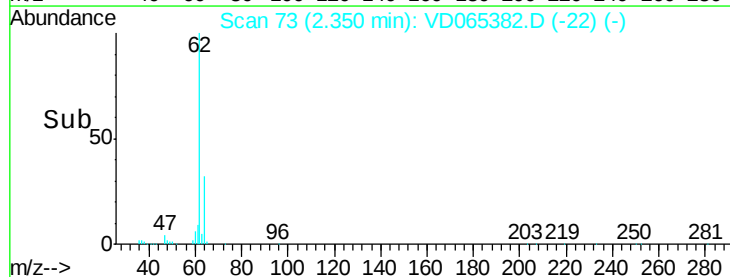
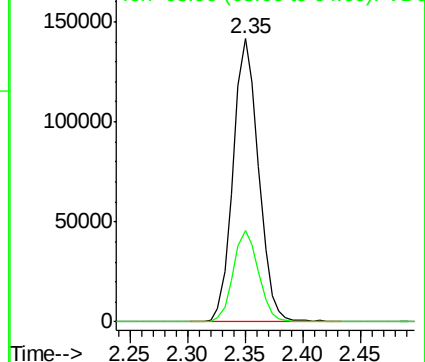
62 100

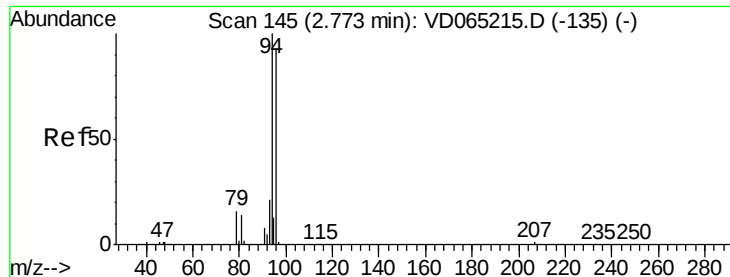
64 32.4 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.60 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

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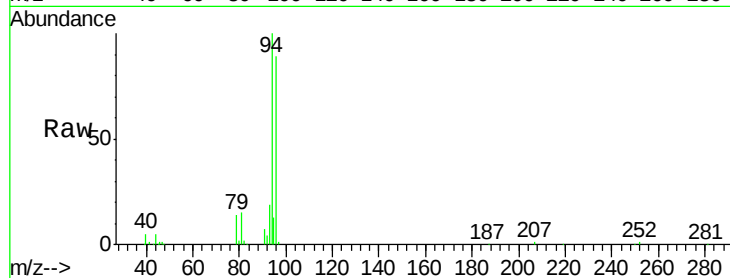
VSTDCCC050EC

Tgt Ion: 94 Resp: 133994

Ion Ratio Lower Upper

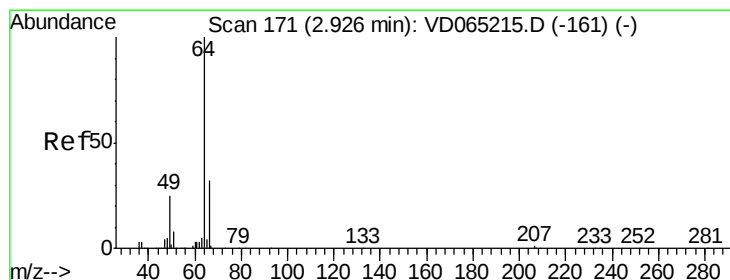
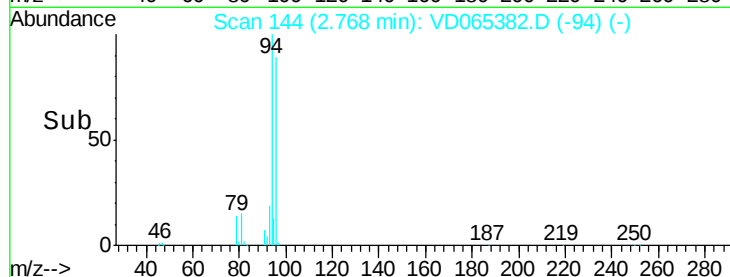
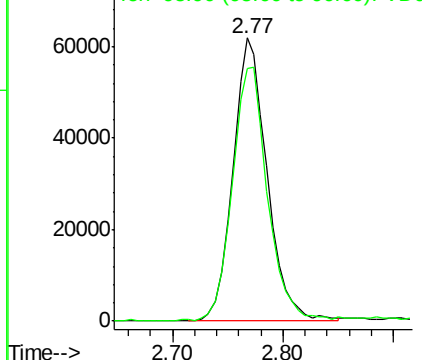
94 100

96 88.9 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.61 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065382.D

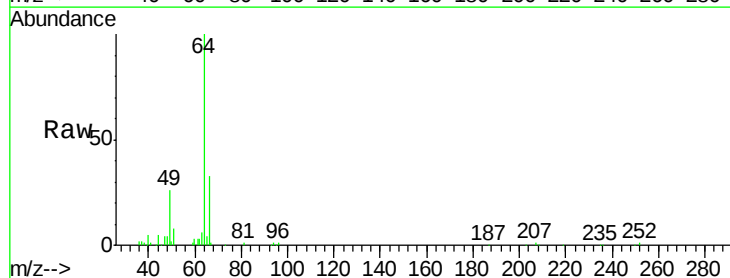
Acq: 02 Mar 2020 16:53

Tgt Ion: 64 Resp: 135287

Ion Ratio Lower Upper

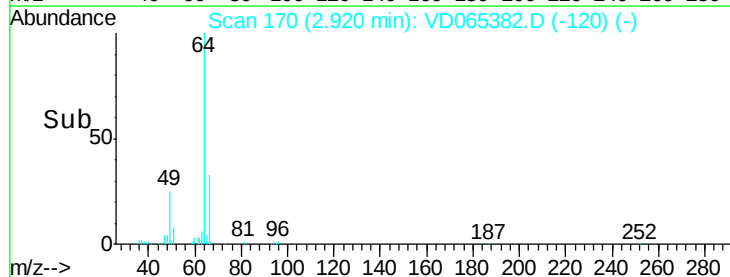
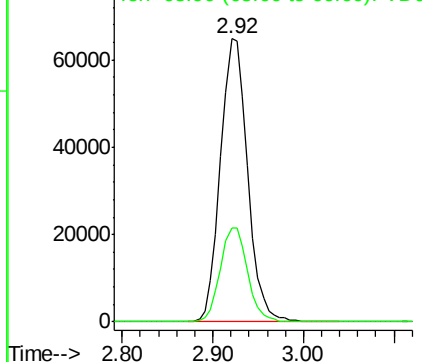
64 100

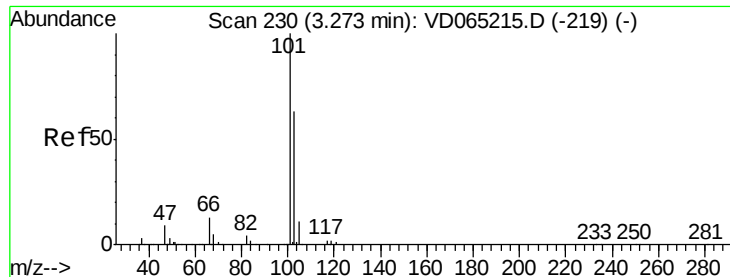
66 33.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



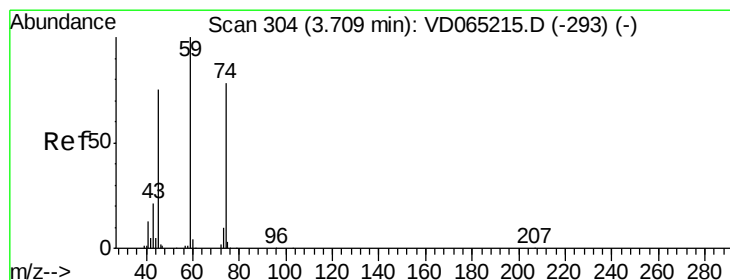
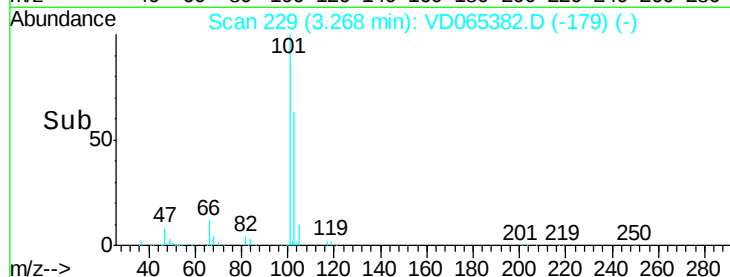
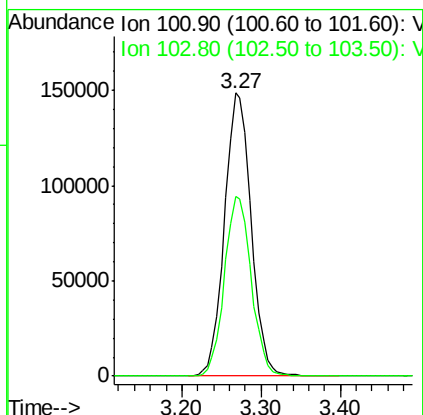
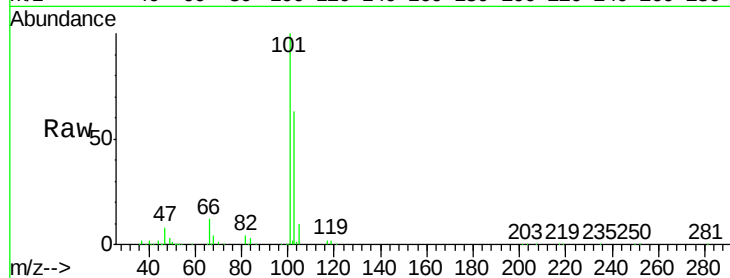


#7

Trichlorofluoromethane
Concen: 49.76 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Instrument :
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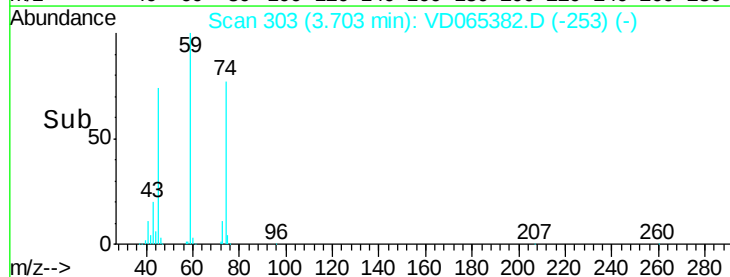
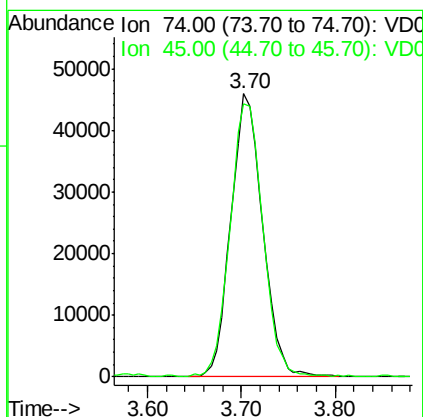
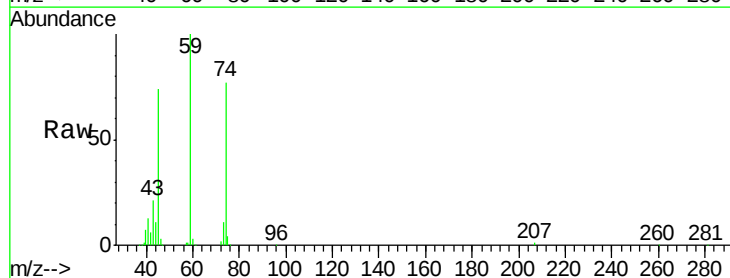
Tgt Ion: 101 Resp: 346181
Ion Ratio Lower Upper
101 100
103 63.3 50.7 76.1

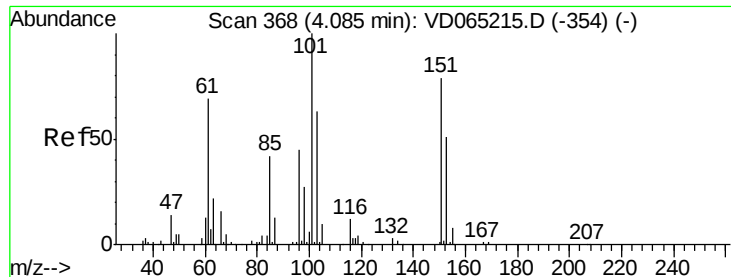


#8

Diethyl Ether
Concen: 51.34 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 74 Resp: 107822
Ion Ratio Lower Upper
74 100
45 99.5 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.80 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

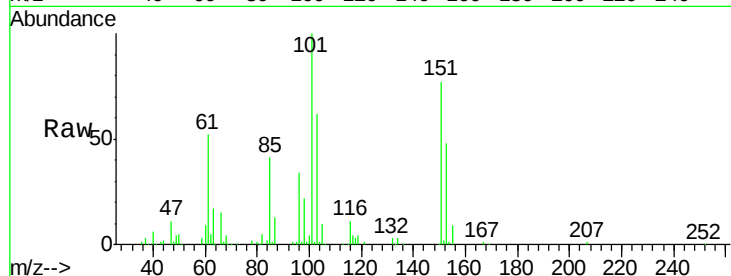
Tgt Ion:101 Resp: 223180

Ion Ratio Lower Upper

101 100

85 41.4 34.2 51.2

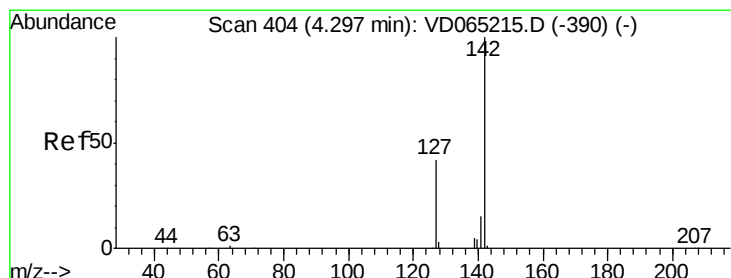
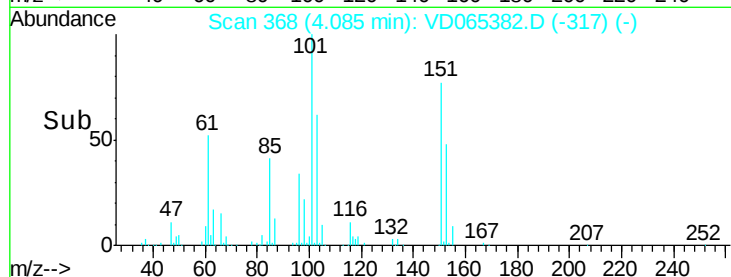
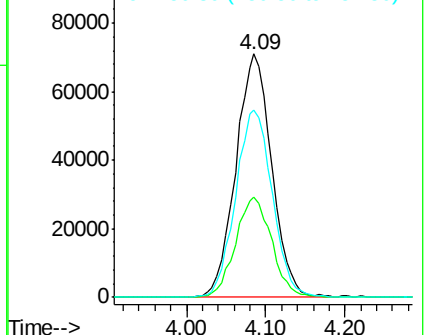
151 78.8 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.62 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

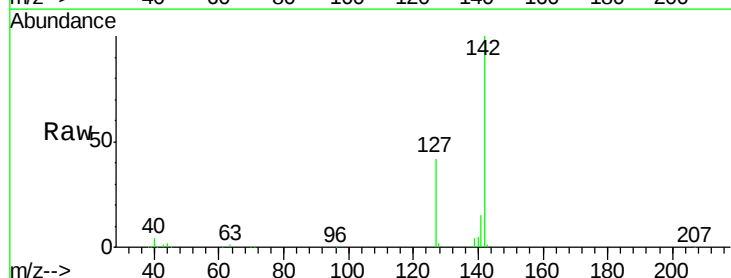
Tgt Ion:142 Resp: 235506

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.8

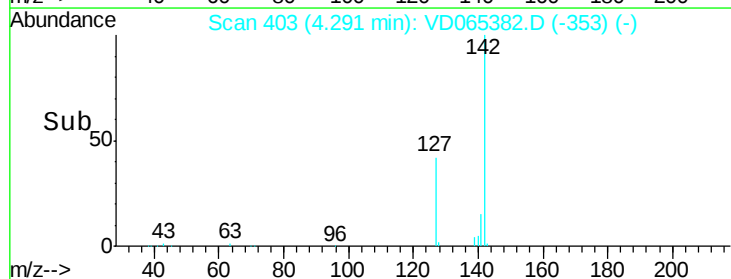
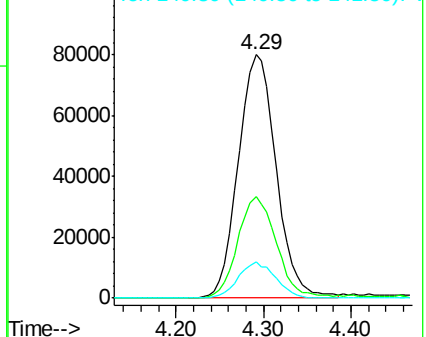
141 14.9 11.7 17.5

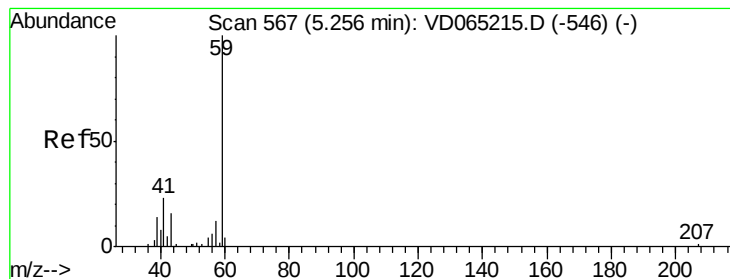


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 236.03 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.02 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

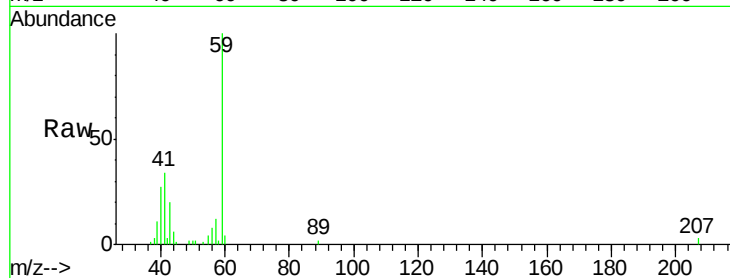
VSTDCCC050EC

Tgt Ion: 59 Resp: 56801

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

15000

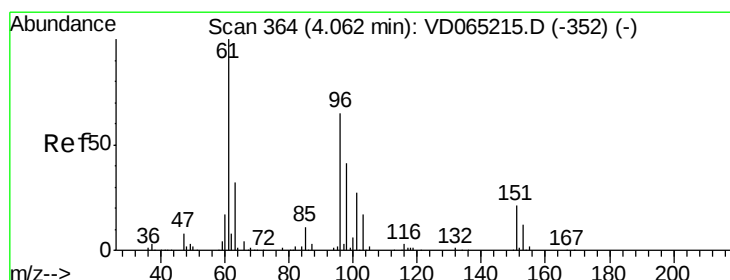
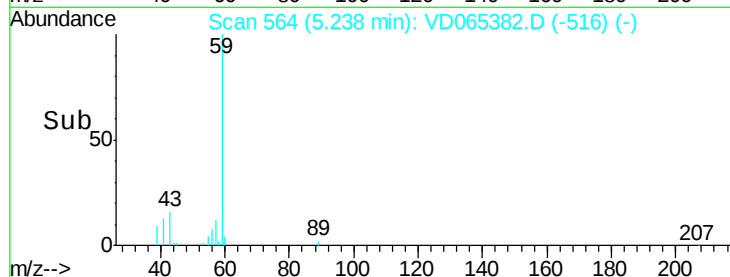
10000

5000

0

5.10 5.20 5.30 5.40

Time-->



#12

1,1-Dichloroethene

Concen: 49.09 ug/l

RT: 4.06 min Scan# 363

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

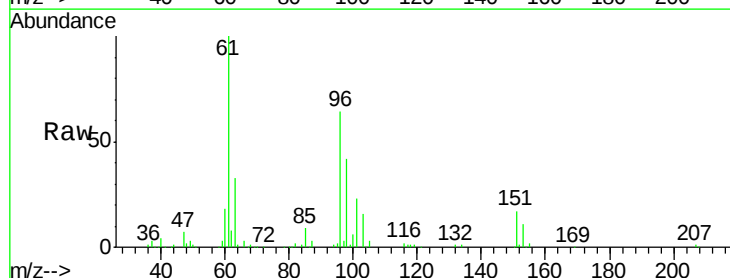
Tgt Ion: 96 Resp: 203727

Ion Ratio Lower Upper

96 100

61 155.5 123.3 184.9

98 65.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

150000

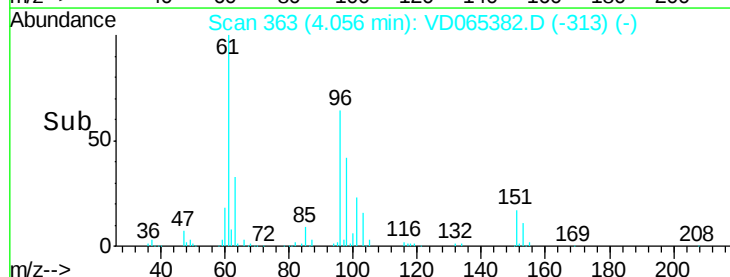
100000

50000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 242.72 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

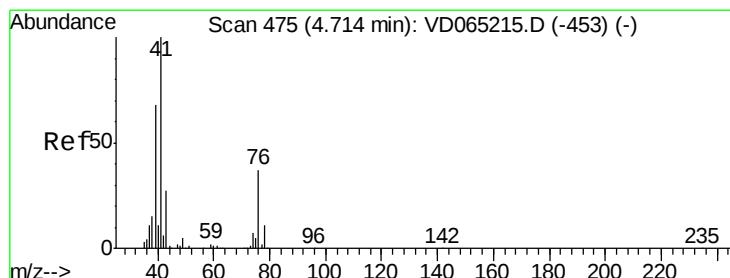
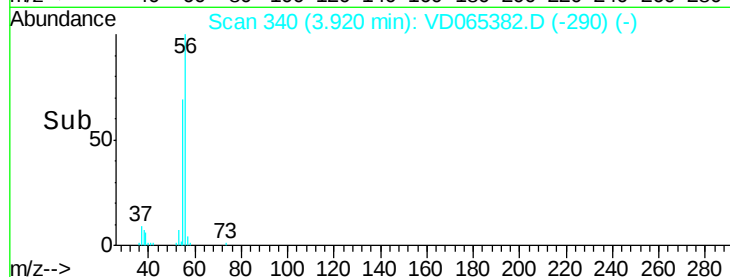
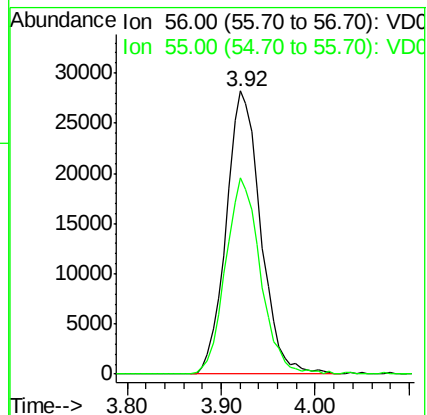
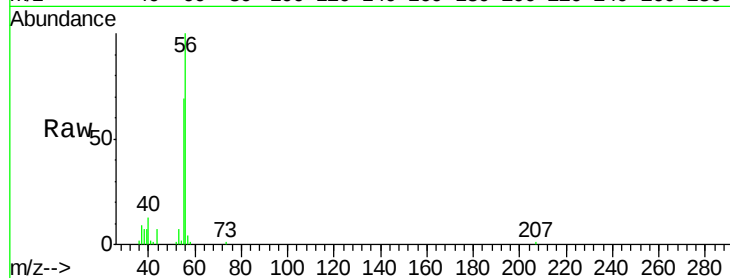
VSTDCCC050EC

Tgt Ion: 56 Resp: 71799

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 48.48 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

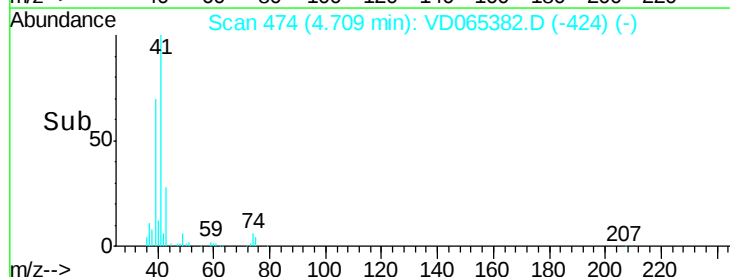
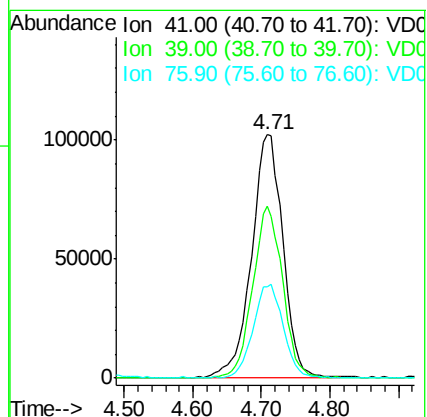
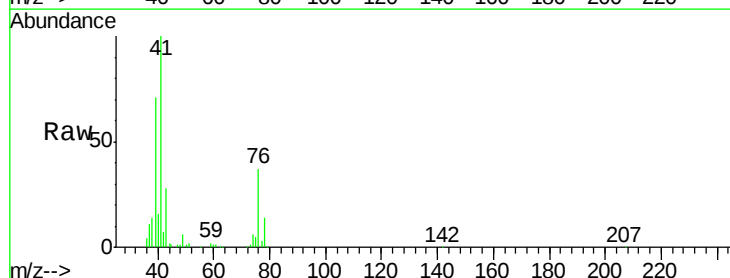
Tgt Ion: 41 Resp: 326745

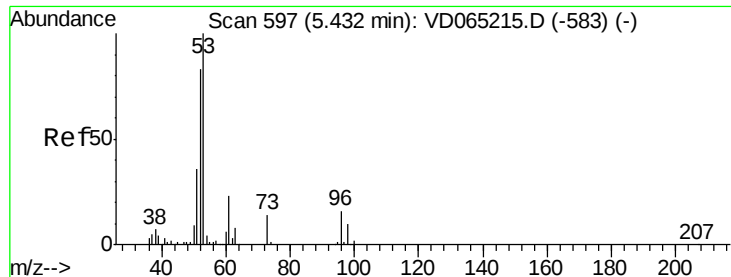
Ion Ratio Lower Upper

41 100

39 67.1 53.8 80.6

76 37.1 28.7 43.1





#15

Acrylonitrile

Concen: 260.74 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

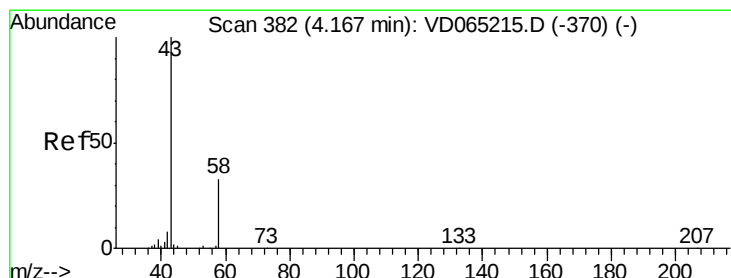
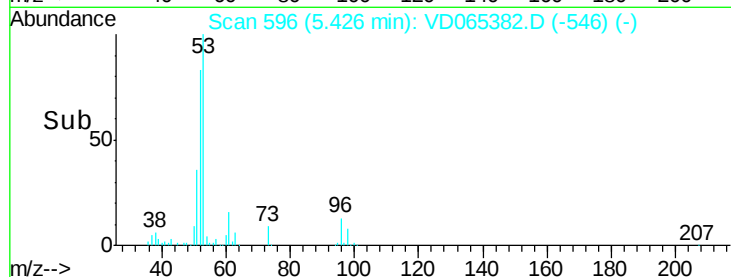
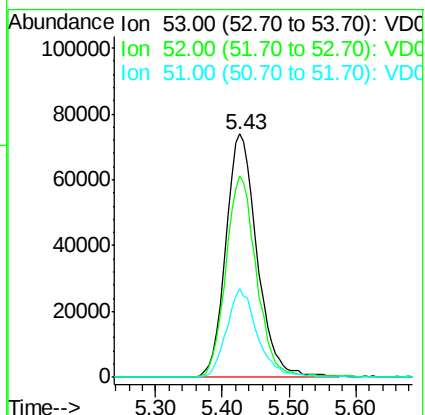
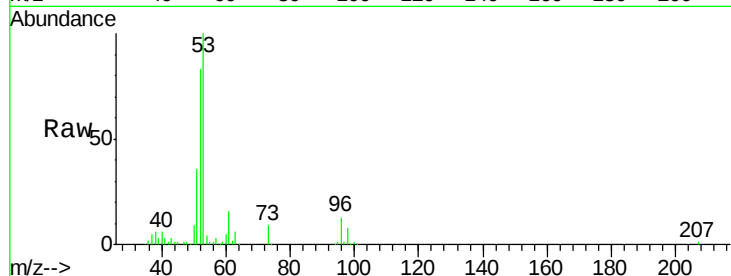
Tgt Ion: 53 Resp: 242438

Ion Ratio Lower Upper

53 100

52 81.4 65.4 98.2

51 36.1 29.5 44.3



#16

Acetone

Concen: 215.83 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065382.D

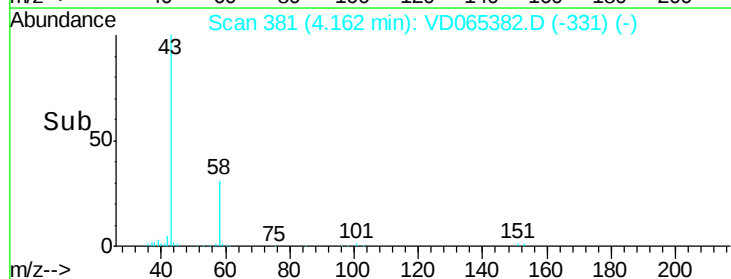
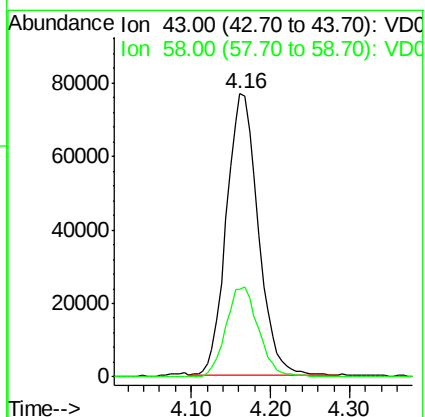
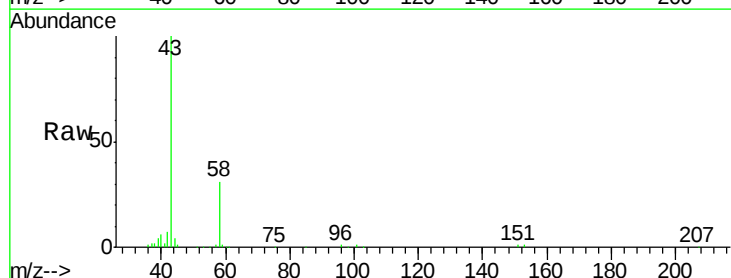
Acq: 02 Mar 2020 16:53

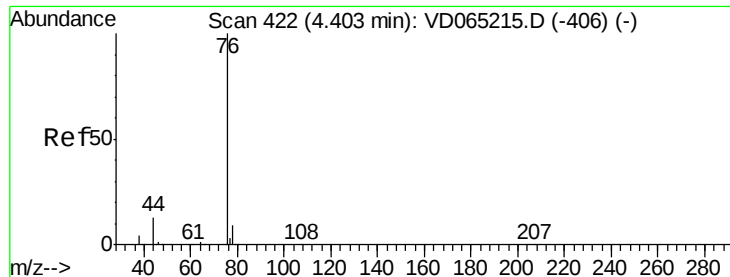
Tgt Ion: 43 Resp: 212473

Ion Ratio Lower Upper

43 100

58 31.2 26.2 39.2

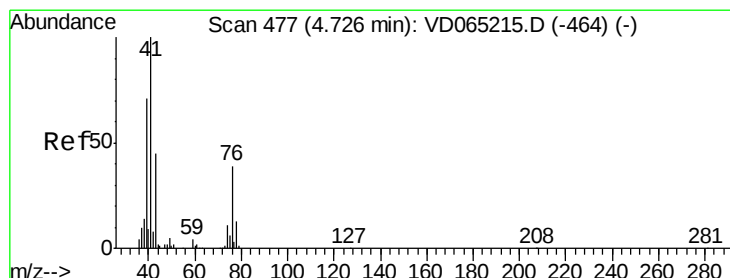
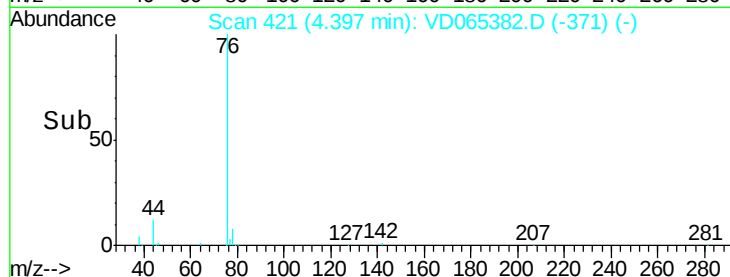
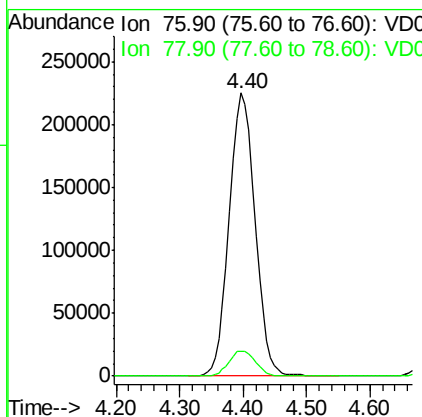
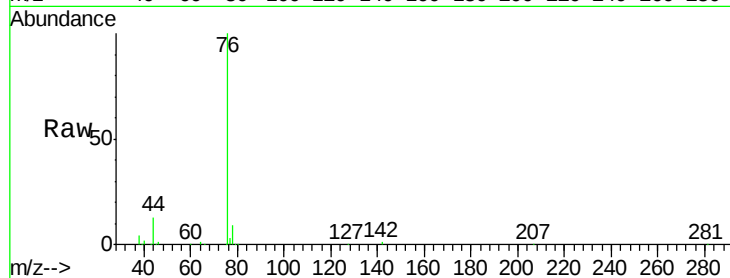




#17
Carbon Disulfide
Concen: 45.62 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

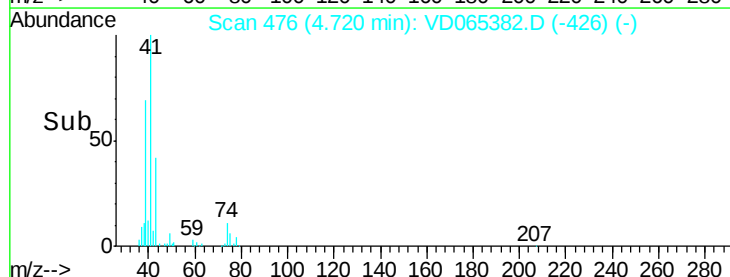
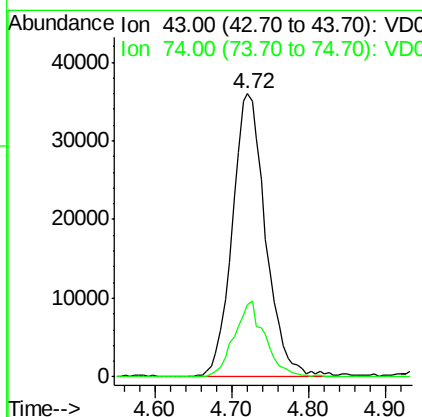
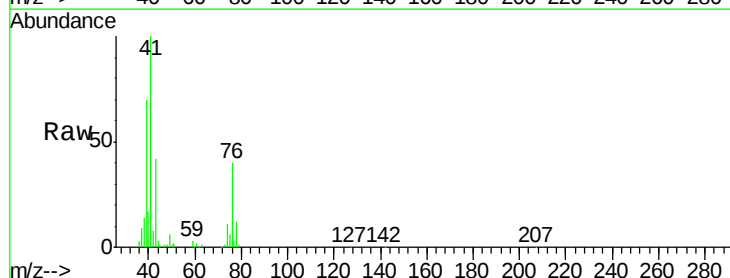
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

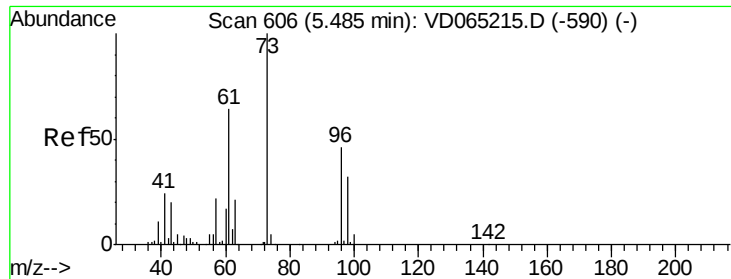
Tgt Ion: 76 Resp: 634826
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 49.38 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 43 Resp: 109327
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.93 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

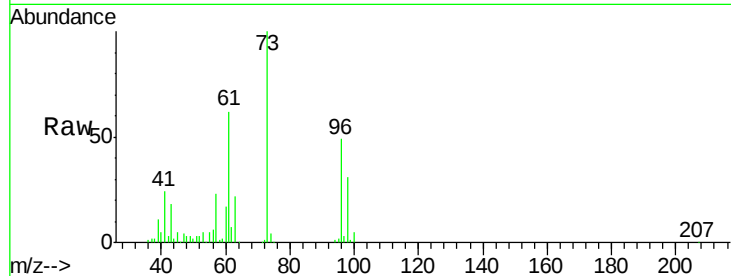
VSTDCCC050EC

Tgt Ion: 73 Resp: 458136

Ion Ratio Lower Upper

73 100

57 22.8 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.48

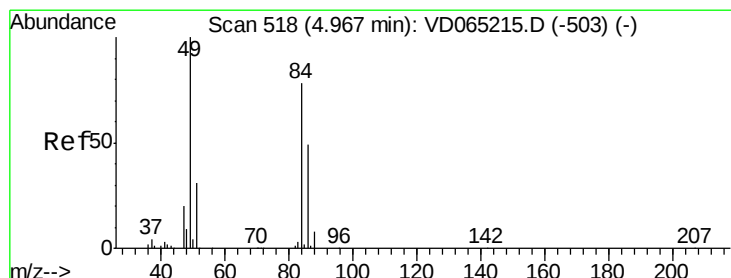
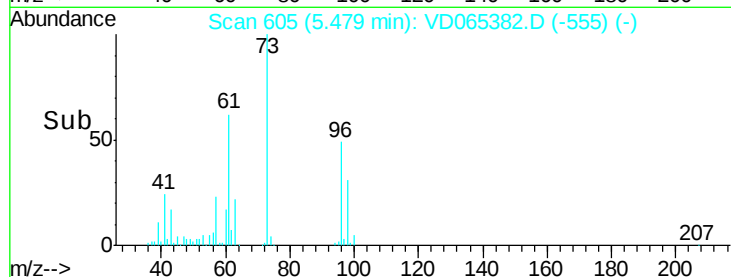
150000

100000

50000

0

Time--> 5.30 5.40 5.50 5.60



#20

Methylene Chloride

Concen: 56.78 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Tgt Ion: 84 Resp: 246084

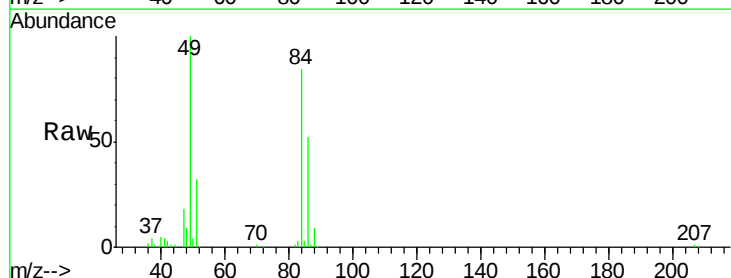
Ion Ratio Lower Upper

84 100

49 118.3 103.1 154.7

51 38.1 31.7 47.5

86 62.2 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

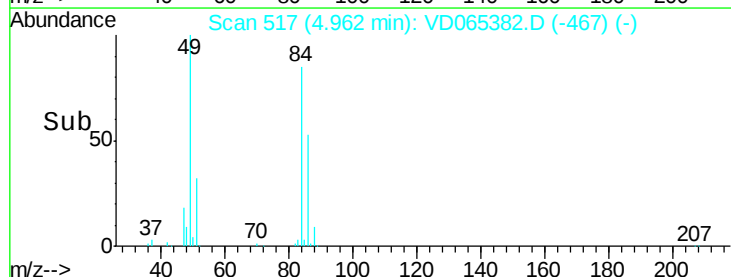
Ion 85.90 (85.60 to 86.60): VDC

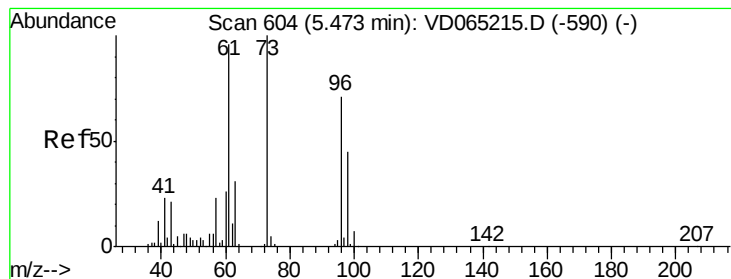
100000

50000

0

Time--> 4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 49.80 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

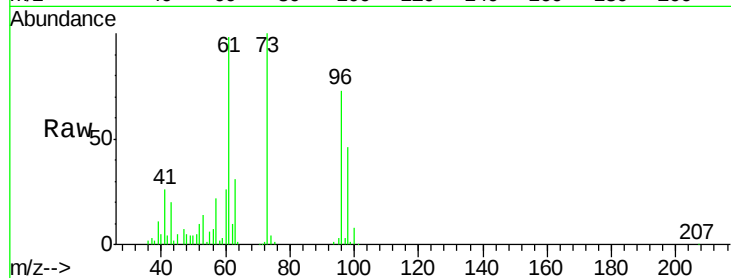
Tgt Ion: 96 Resp: 234965

Ion Ratio Lower Upper

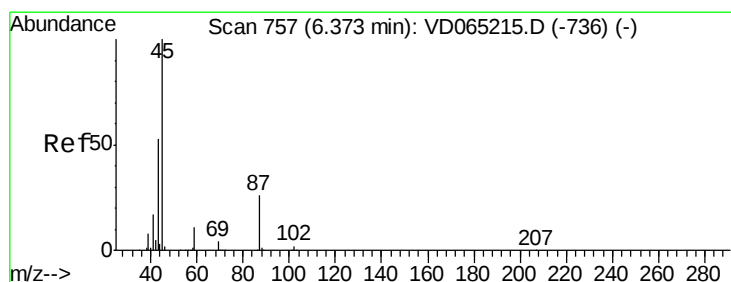
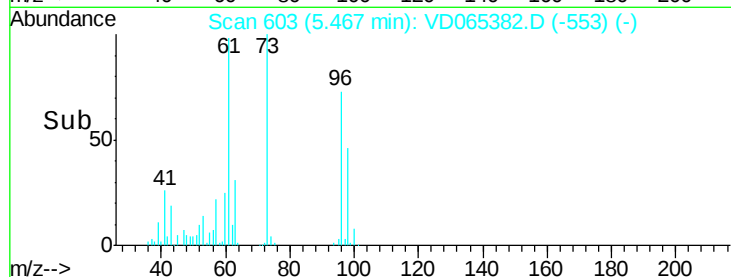
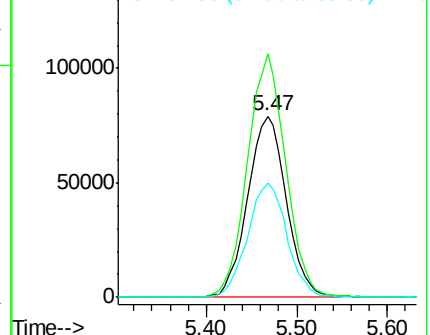
96 100

61 134.2 108.3 162.5

98 62.9 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.44 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Tgt Ion: 45 Resp: 681331

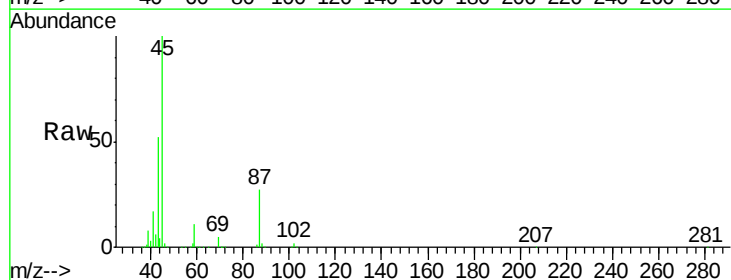
Ion Ratio Lower Upper

45 100

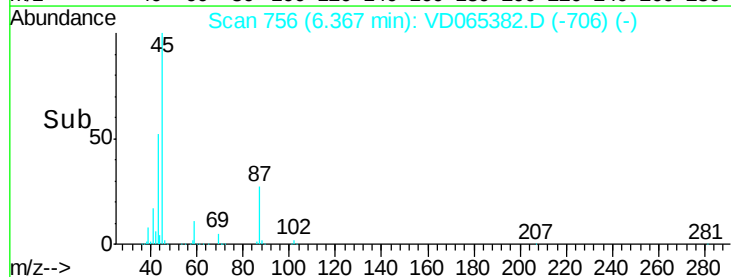
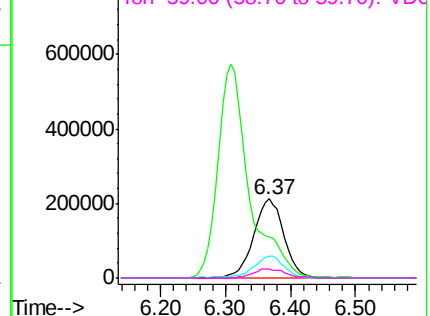
43 51.6 42.6 64.0

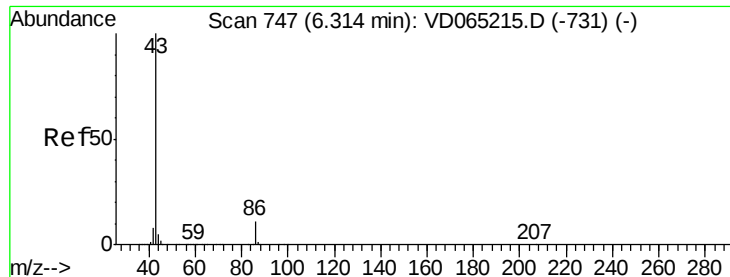
87 27.2 21.2 31.8

59 10.6 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

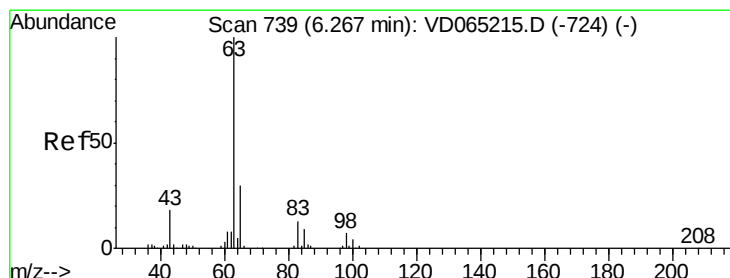
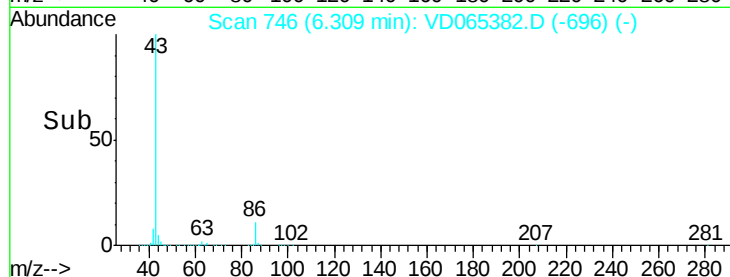
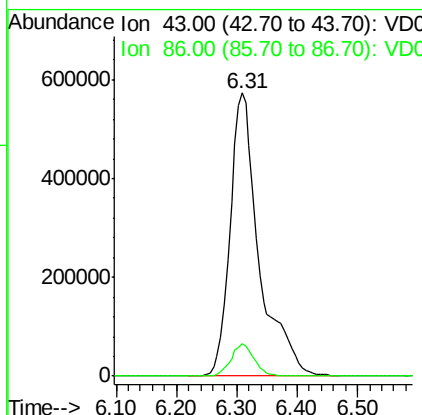
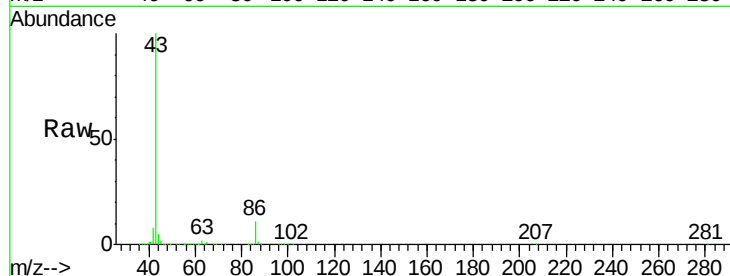




#23
 Vinyl Acetate
 Concen: 267.38 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

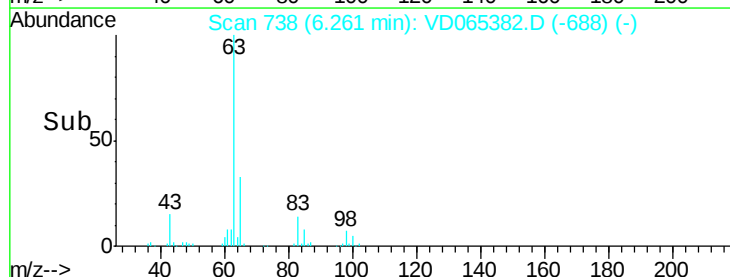
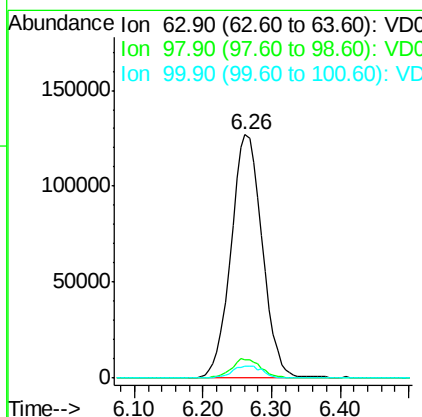
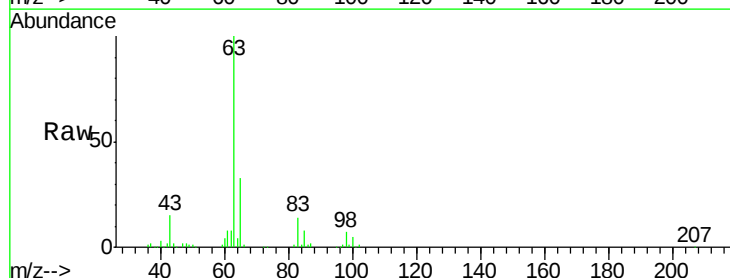
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

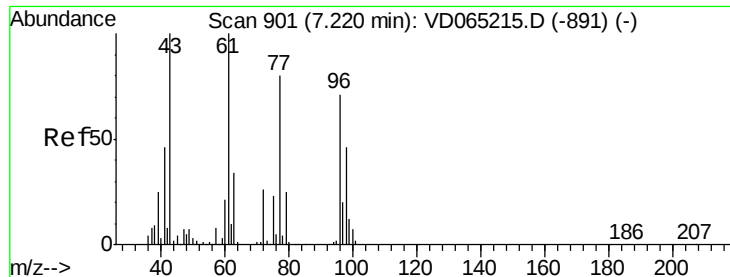
Tgt Ion: 43 Resp: 1915228
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.83 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion: 63 Resp: 401592
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 236.01 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

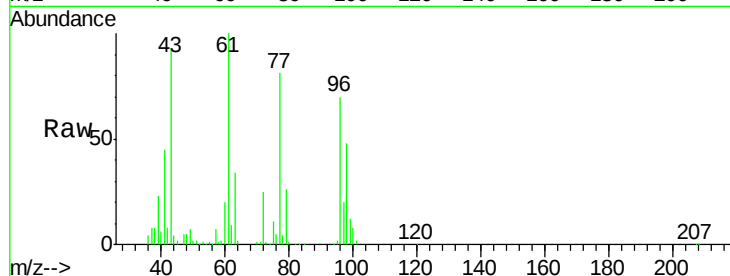
VSTDCCC050EC

Tgt Ion: 43 Resp: 293959

Ion Ratio Lower Upper

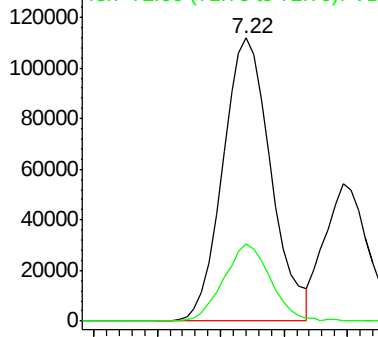
43 100

72 27.3 20.9 31.3

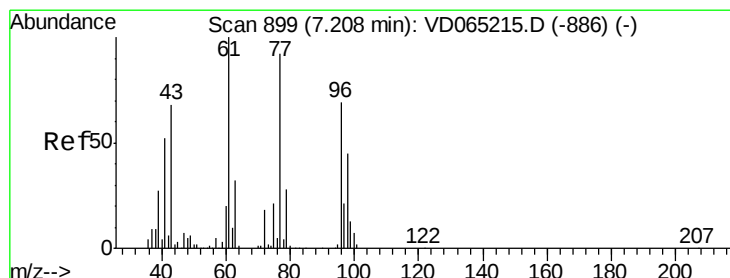
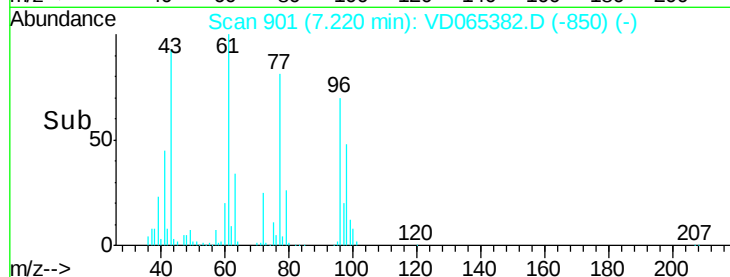


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 49.16 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065382.D

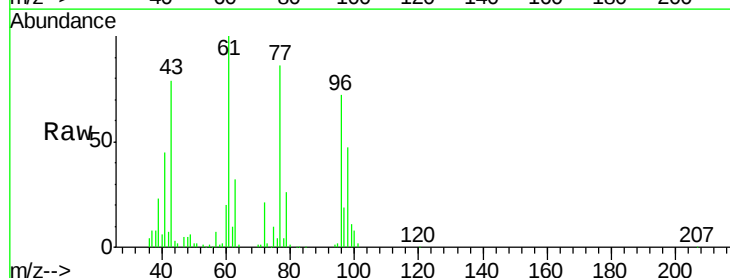
Acq: 02 Mar 2020 16:53

Tgt Ion: 77 Resp: 343748

Ion Ratio Lower Upper

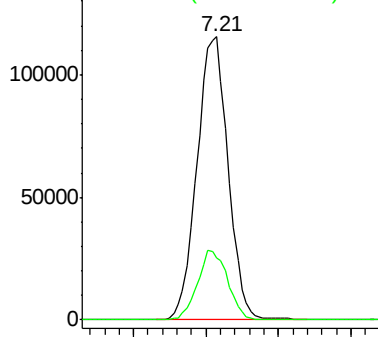
77 100

97 23.8 11.7 35.1

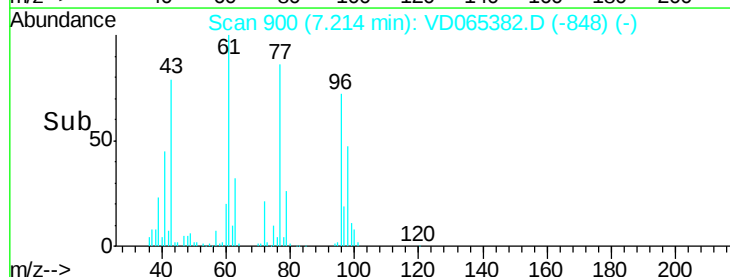


Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.22 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

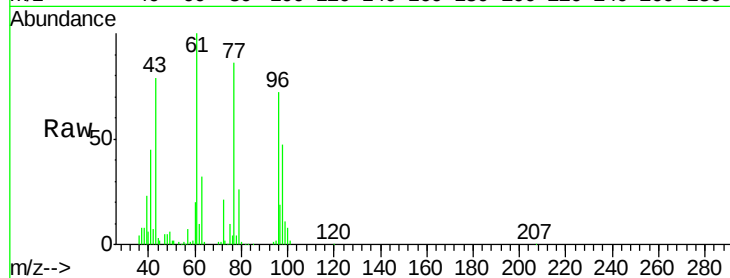
Tgt Ion: 96 Resp: 255978

Ion Ratio Lower Upper

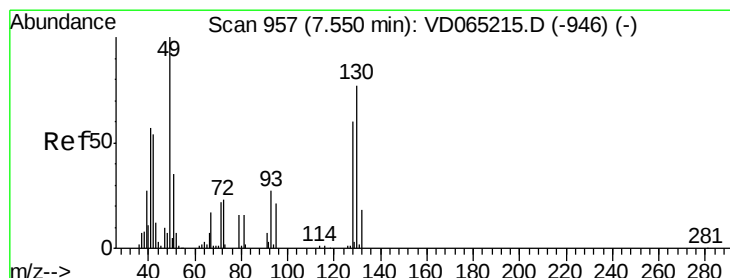
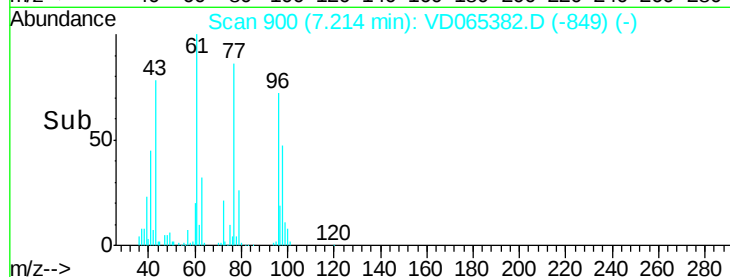
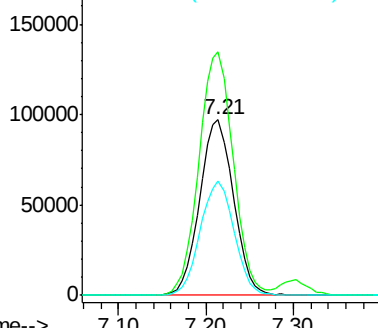
96 100

61 140.3 0.0 286.0

98 65.3 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 50.59 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

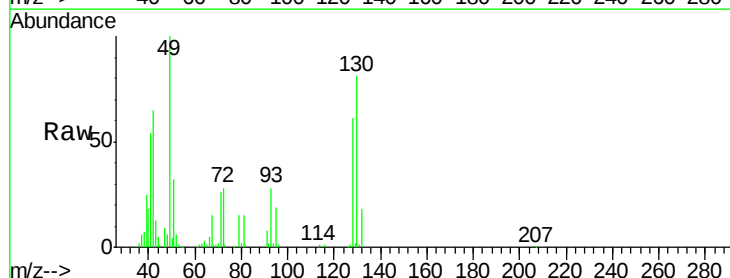
Tgt Ion: 49 Resp: 151267

Ion Ratio Lower Upper

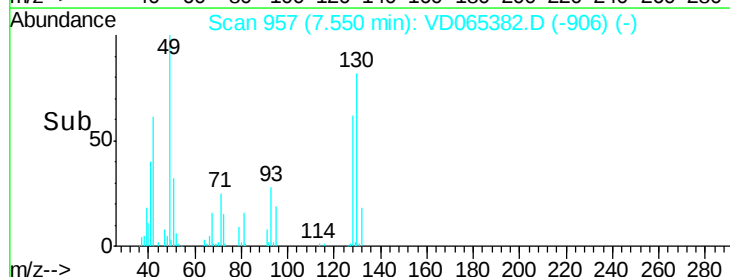
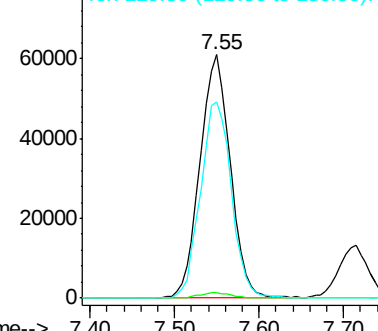
49 100

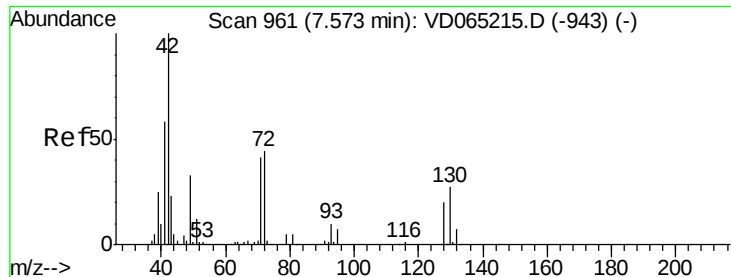
129 2.2 0.0 4.6

130 82.0 64.7 97.1



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

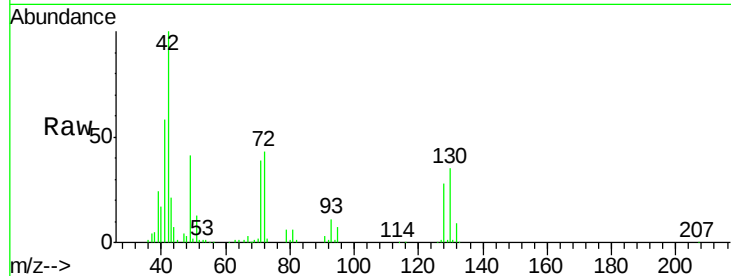




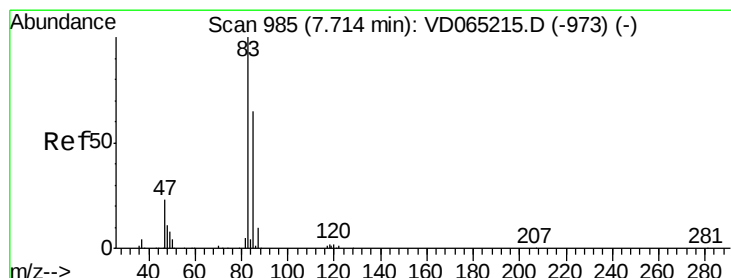
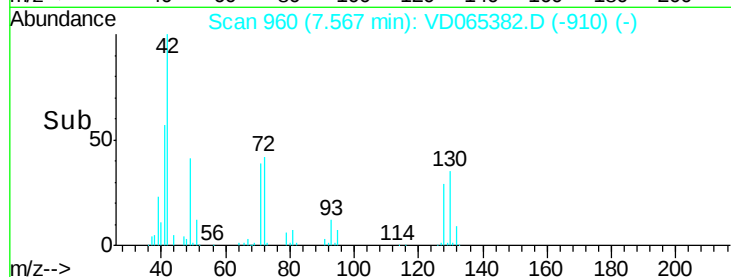
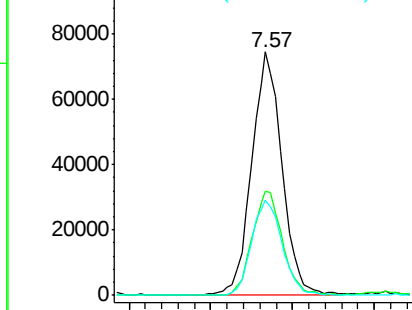
#29
Tetrahydrofuran
Concen: 262.75 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 191752
Ion Ratio Lower Upper
42 100
72 42.8 33.7 50.5
71 39.7 31.4 47.2

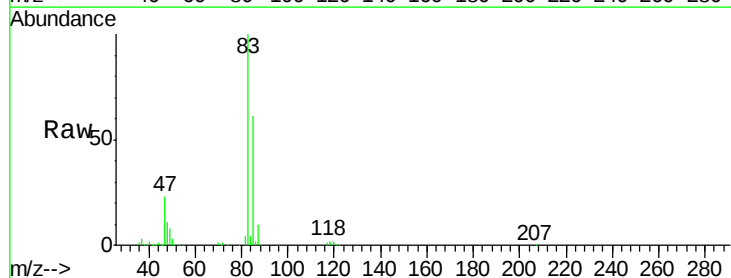


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

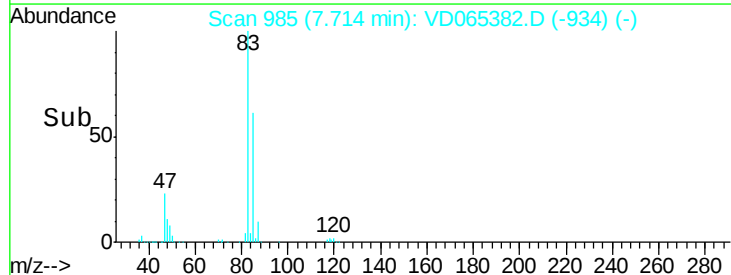
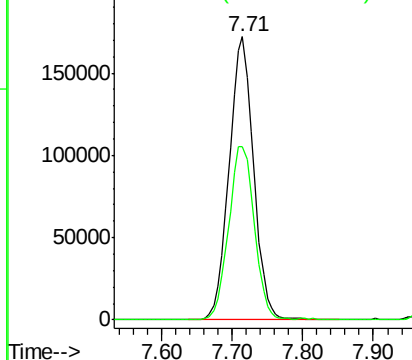


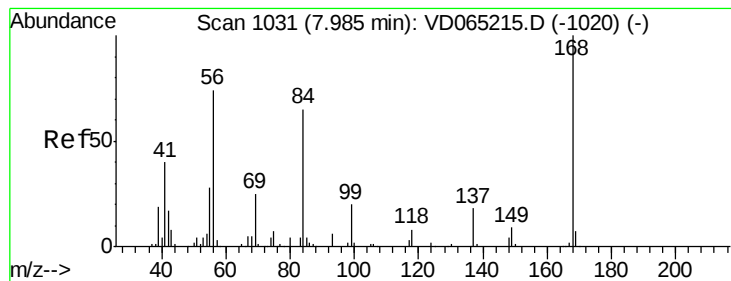
#30
Chloroform
Concen: 51.00 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 83 Resp: 414112
Ion Ratio Lower Upper
83 100
85 61.1 52.3 78.5



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





#31

Cyclohexane

Concen: 46.45 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

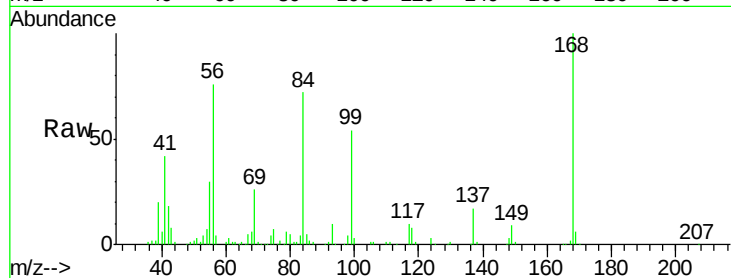
Tgt Ion: 56 Resp: 367827

Ion Ratio Lower Upper

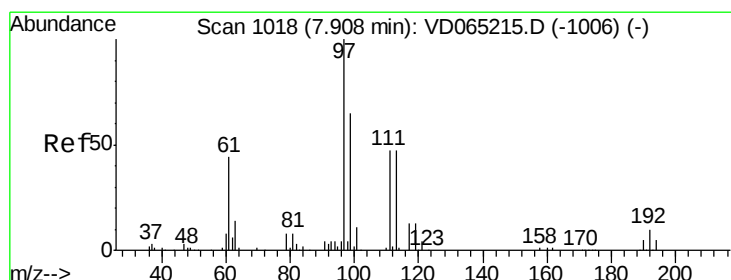
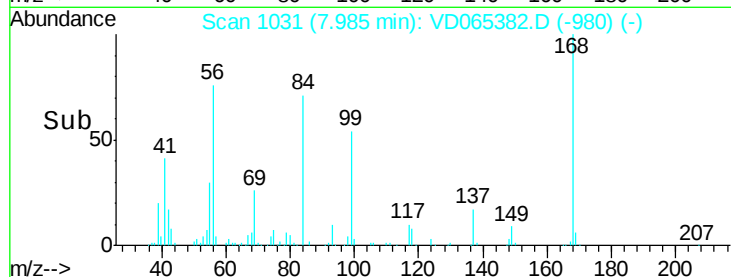
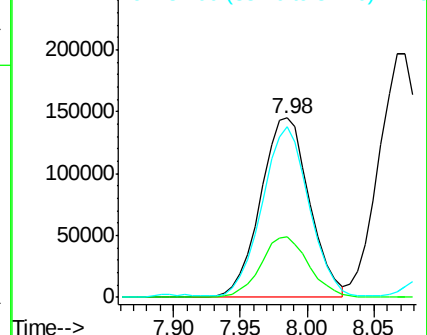
56 100

69 33.9 27.4 41.0

84 94.2 71.1 106.7



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: 50.31 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

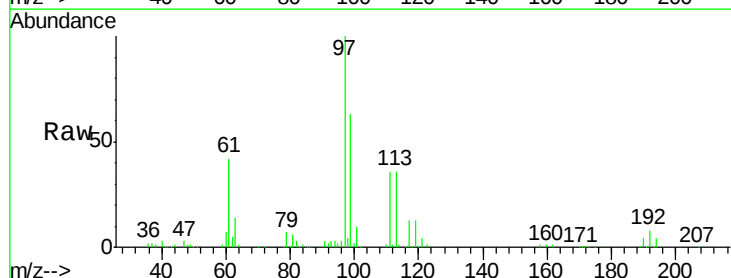
Tgt Ion: 97 Resp: 365445

Ion Ratio Lower Upper

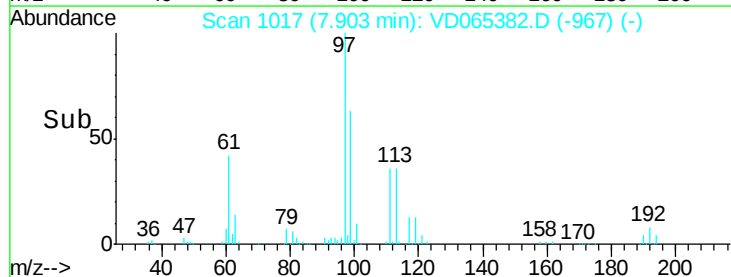
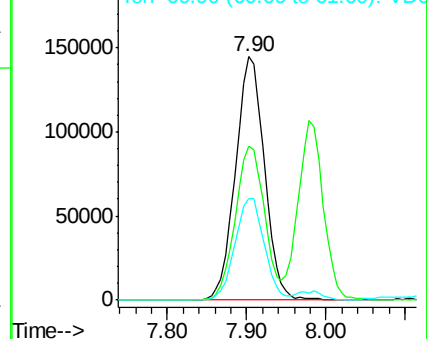
97 100

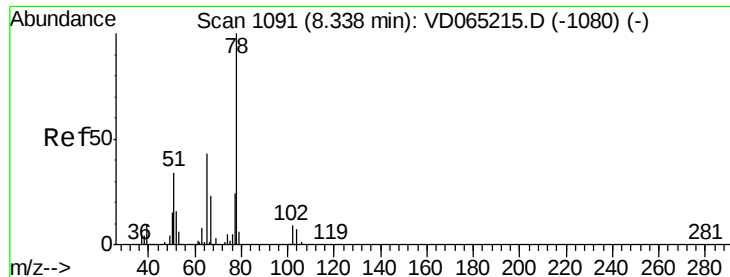
99 64.3 51.4 77.2

61 42.3 34.8 52.2



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

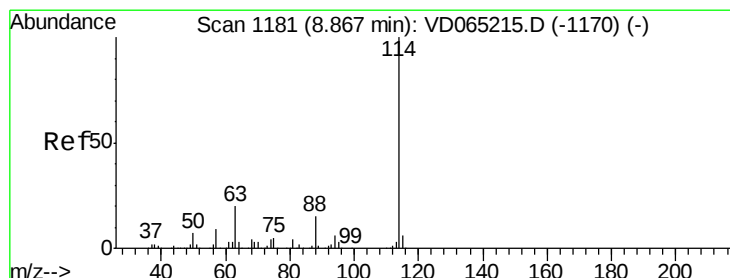
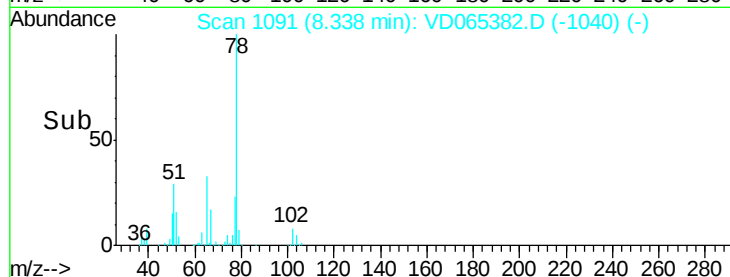
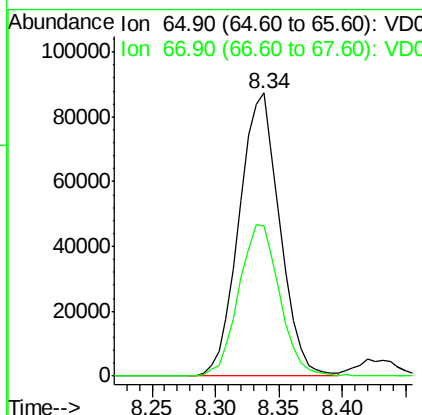
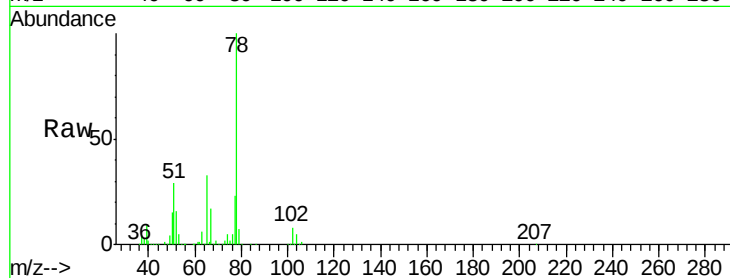




#33
 1,2-Dichloroethane-d4
 Concen: 48.31 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

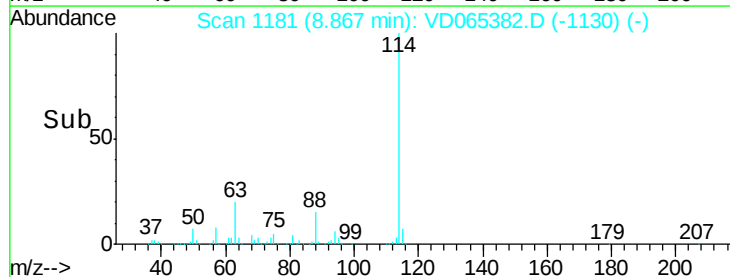
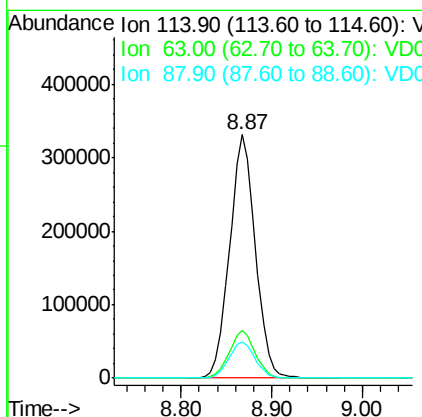
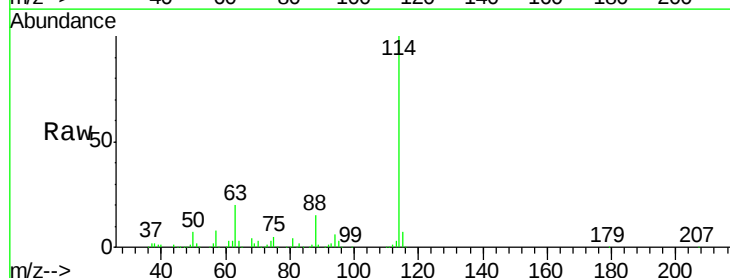
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

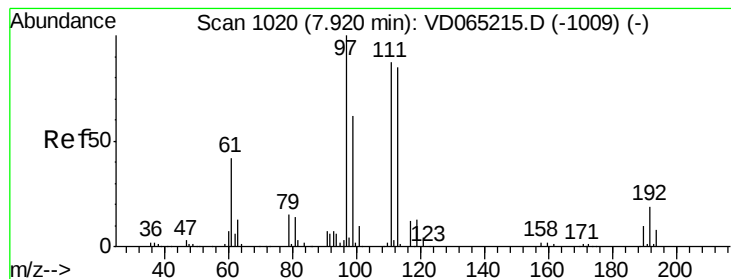
Tgt Ion: 65 Resp: 194571
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion: 114 Resp: 655661
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.37 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

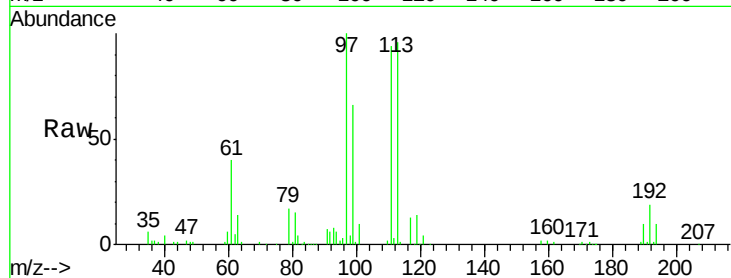
Tgt Ion:113 Resp: 209383

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

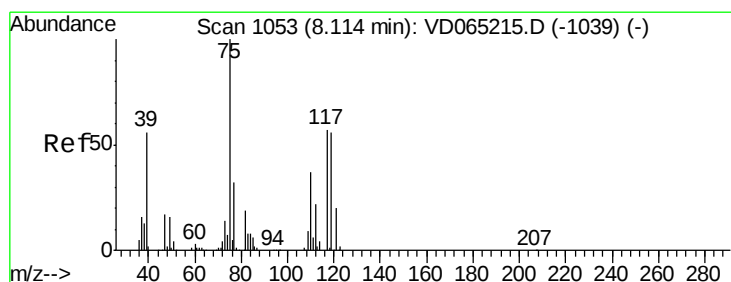
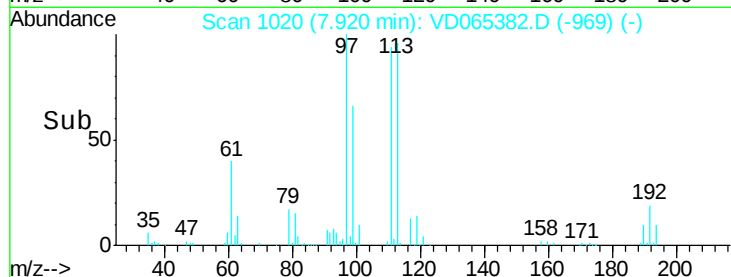
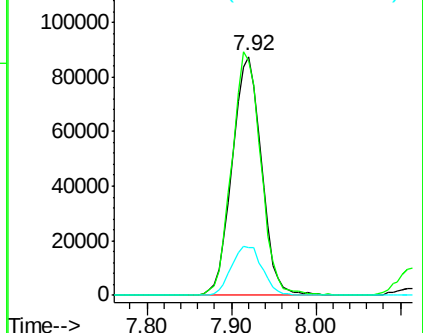
192 21.7 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.45 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

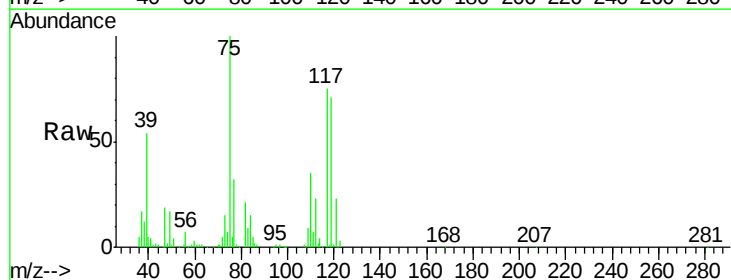
Tgt Ion: 75 Resp: 321855

Ion Ratio Lower Upper

75 100

110 36.1 17.9 53.7

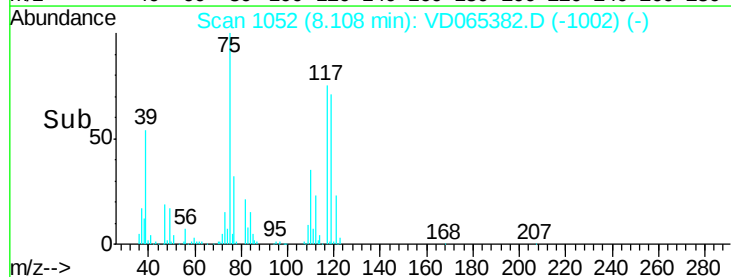
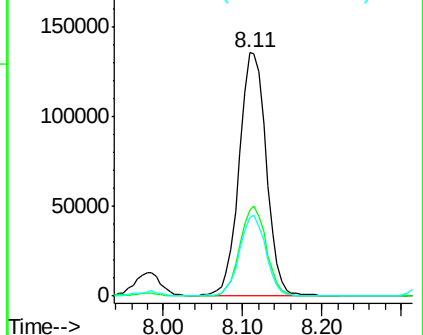
77 32.4 25.1 37.7

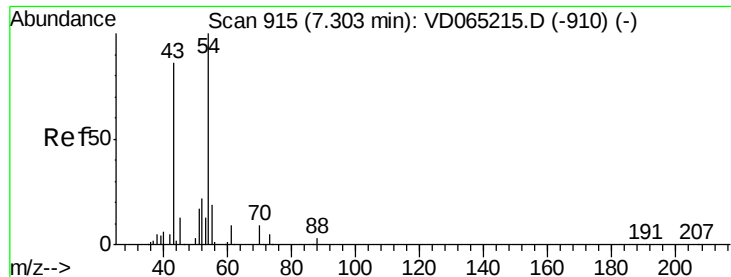


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

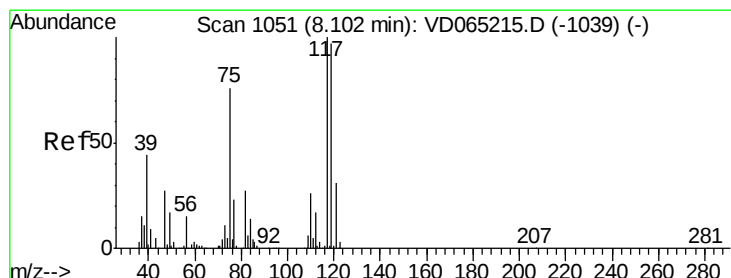
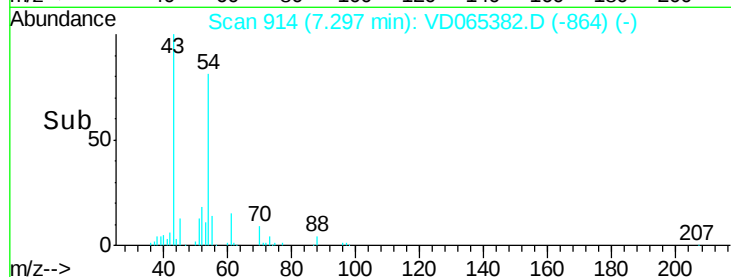
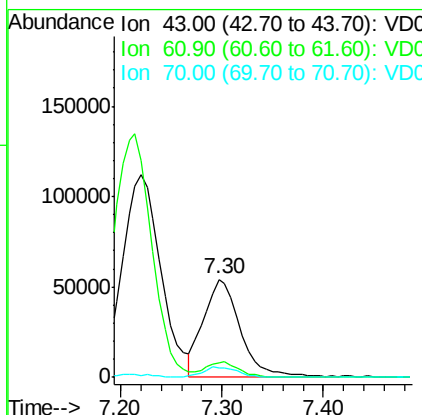
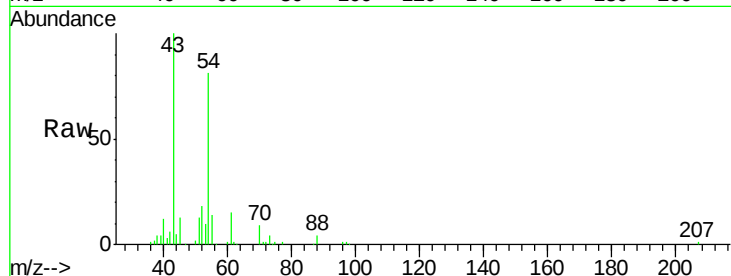




#37
Ethyl Acetate
Concen: 50.11 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

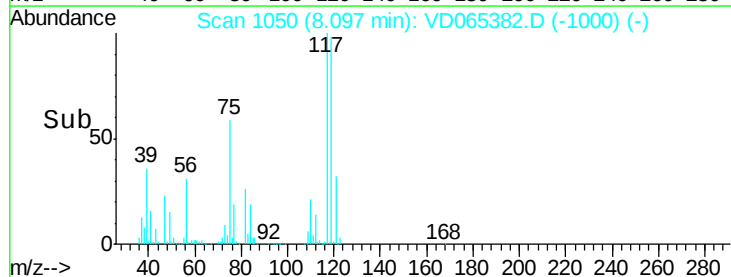
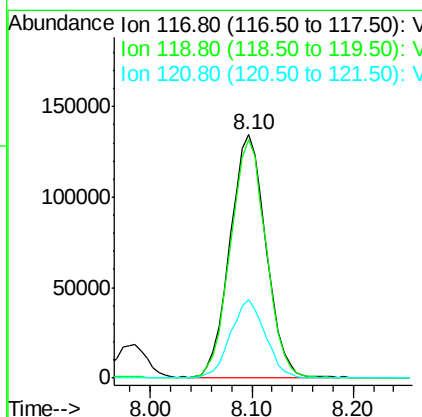
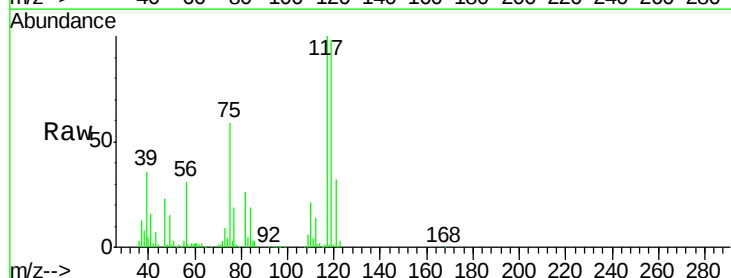
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 133655
Ion Ratio Lower Upper
43 100
61 13.4 11.2 16.8
70 10.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 50.71 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 117 Resp: 329347
Ion Ratio Lower Upper
117 100
119 97.9 77.6 116.4
121 32.6 24.8 37.2

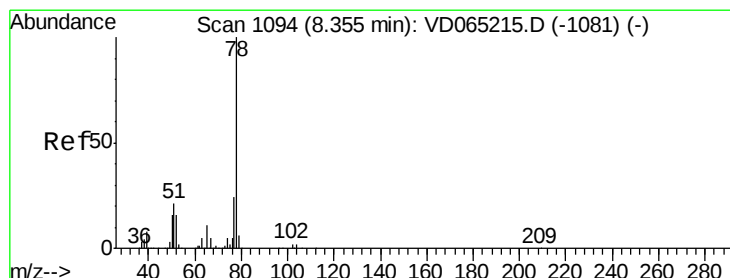
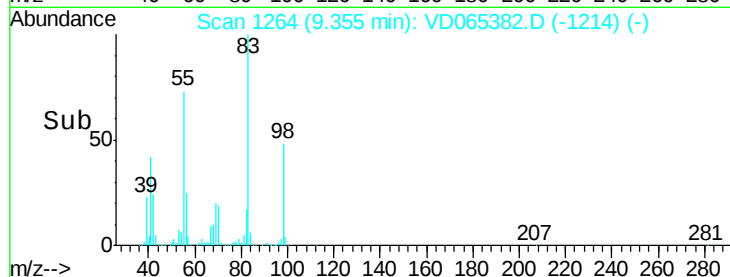
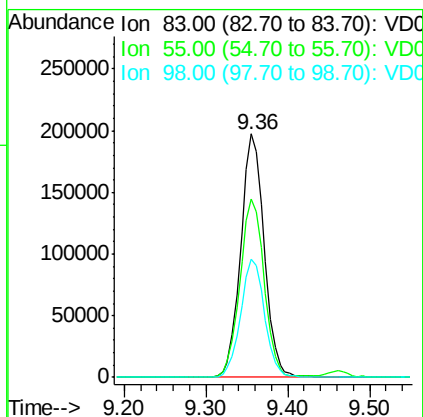
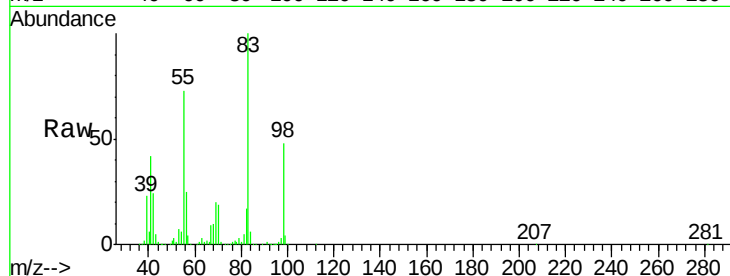




#39
Methylcyclohexane
Concen: 52.71 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

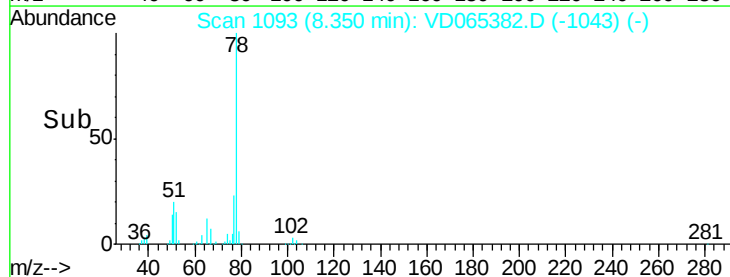
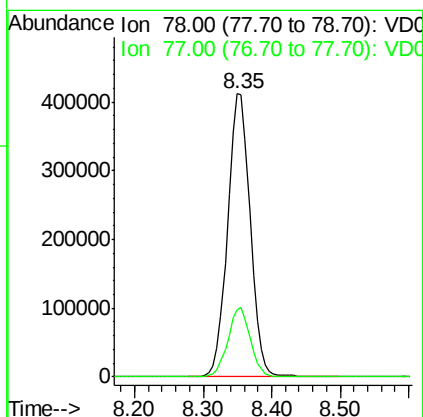
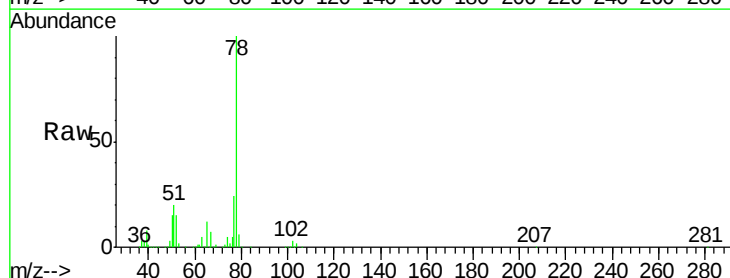
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

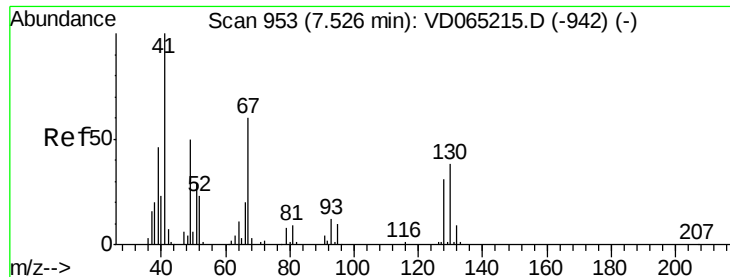
Tgt Ion: 83 Resp: 395358
Ion Ratio Lower Upper
83 100
55 73.2 61.8 92.6
98 48.4 39.4 59.0



#40
Benzene
Concen: 52.43 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 78 Resp: 944159
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

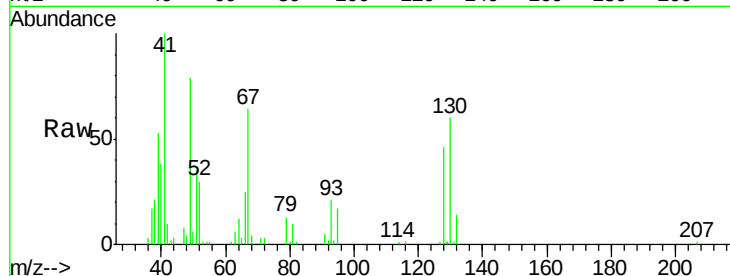




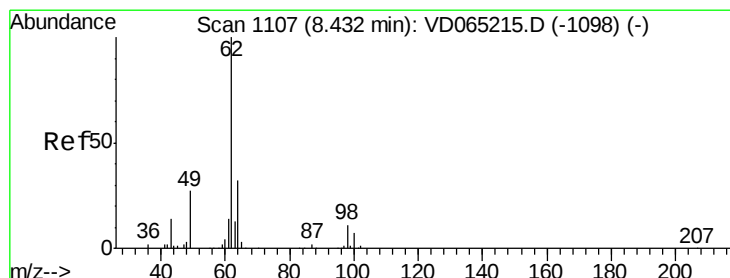
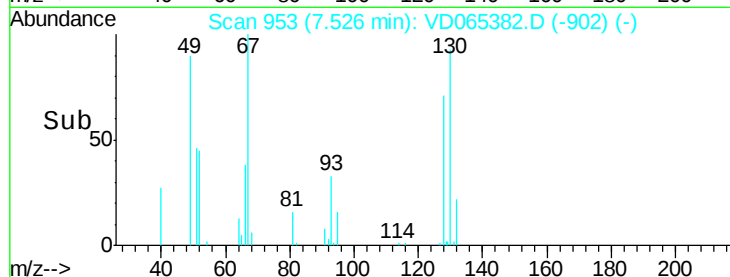
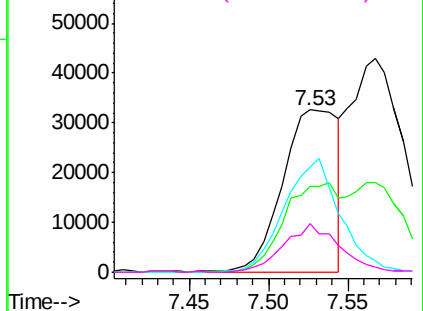
#41
Methacrylonitrile
Concen: 51.57 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	79413
Ion	Ratio	Lower	Upper
41	100		
39	53.1	48.1	72.1
67	71.1	58.9	88.3
52	30.2	24.2	36.2

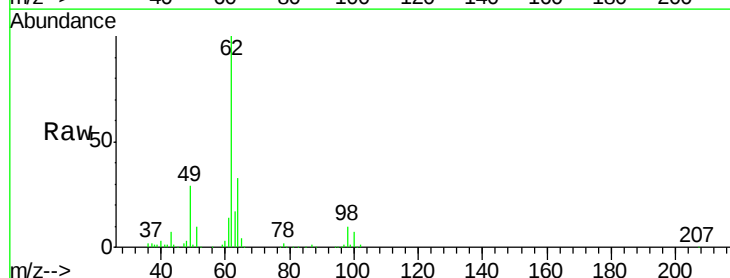


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

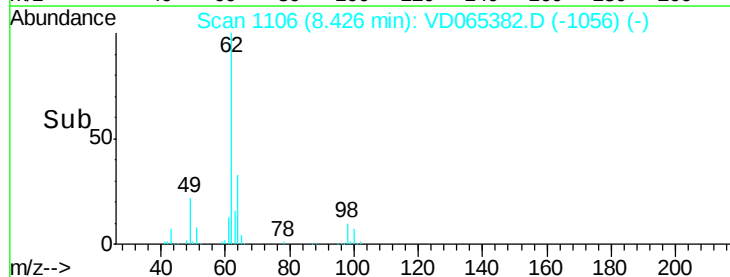
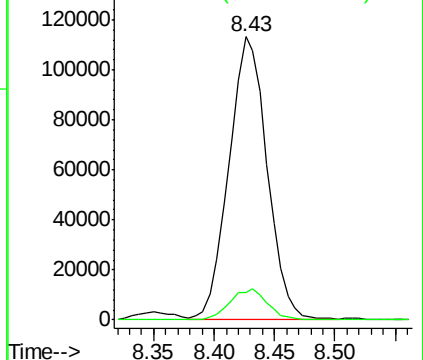


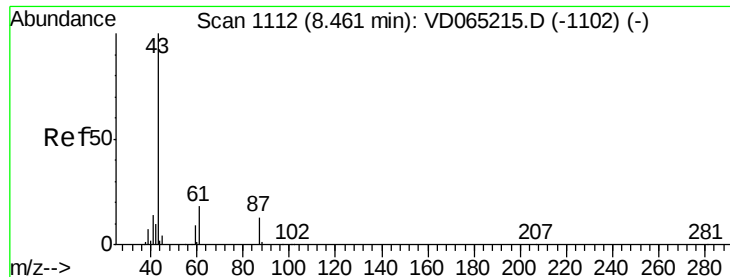
#42
1,2-Dichloroethane
Concen: 50.05 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion:	62	Resp:	247747
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 51.74 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

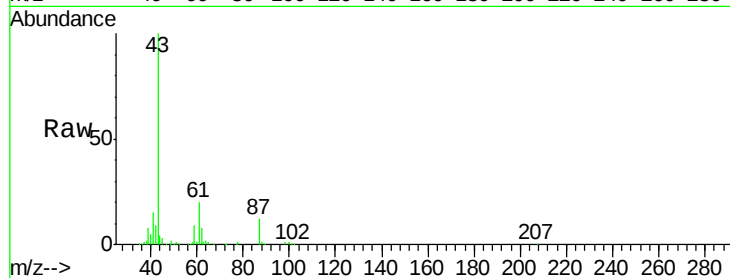
Tgt Ion: 43 Resp: 250935

Ion Ratio Lower Upper

43 100

61 30.4 24.6 36.8

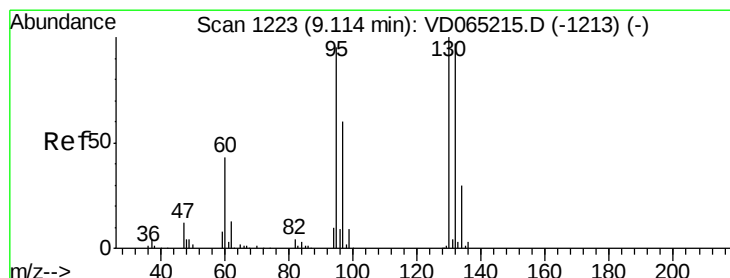
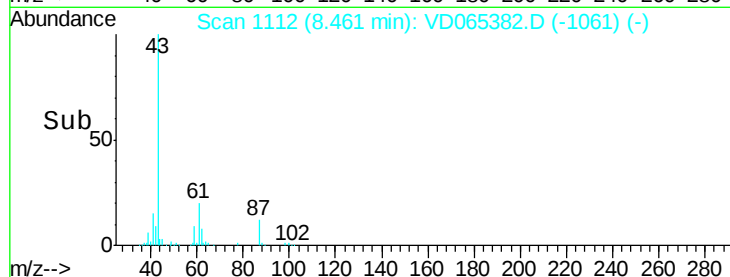
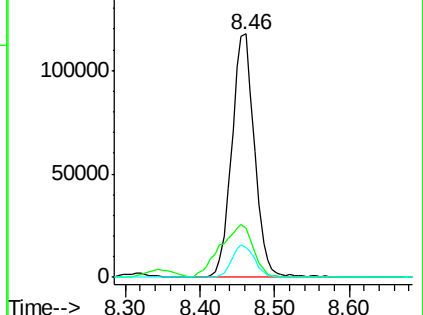
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.21 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065382.D

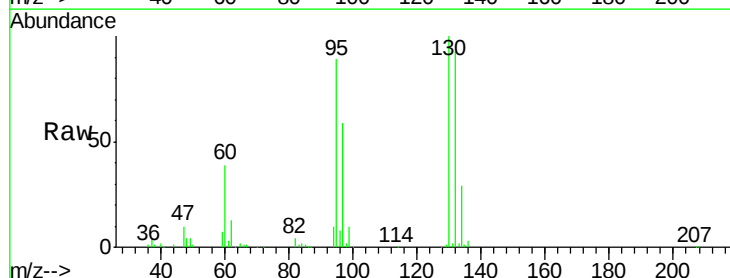
Acq: 02 Mar 2020 16:53

Tgt Ion: 130 Resp: 260583

Ion Ratio Lower Upper

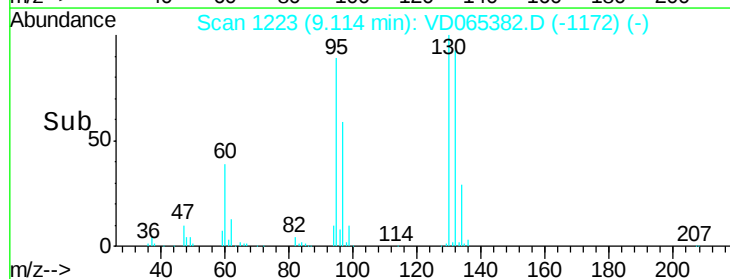
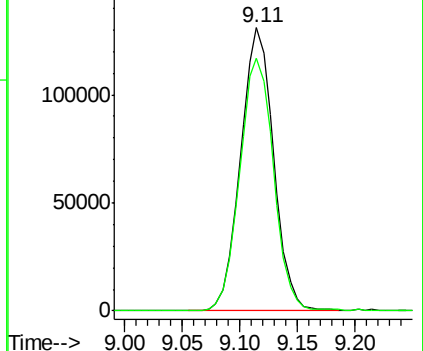
130 100

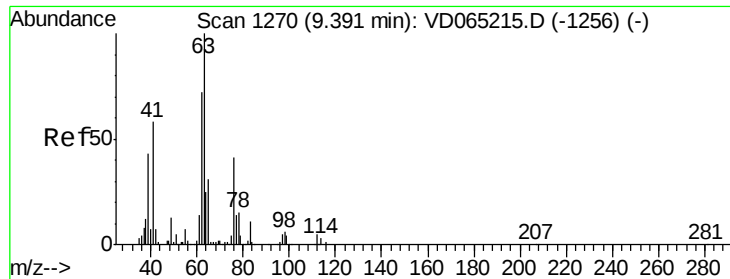
95 89.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.70 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

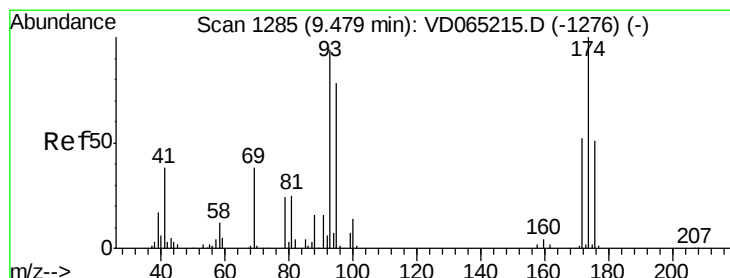
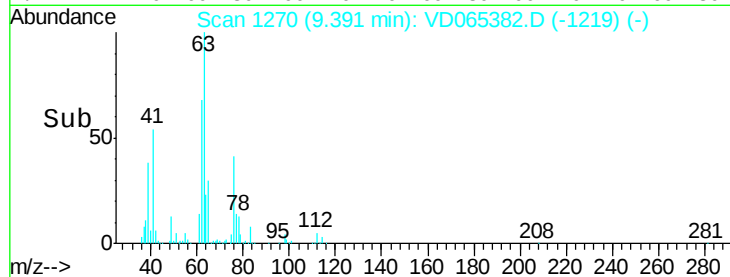
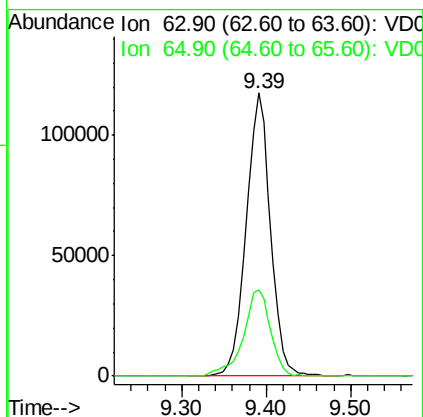
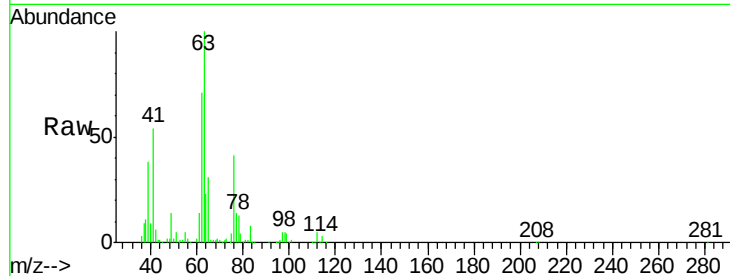
VSTDCCC050EC

Tgt Ion: 63 Resp: 235970

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3



#46

Dibromomethane

Concen: 52.87 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

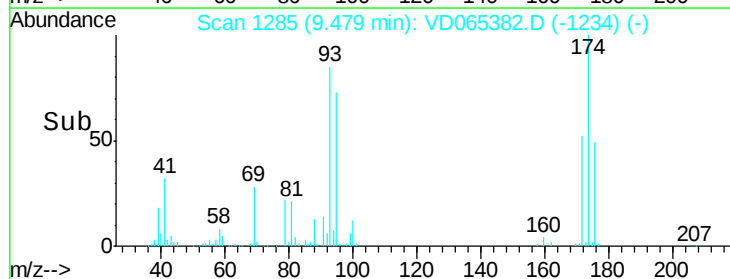
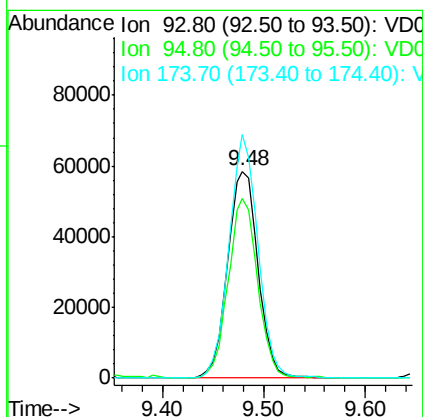
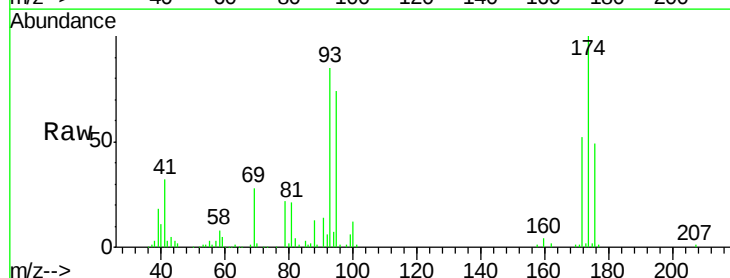
Tgt Ion: 93 Resp: 121809

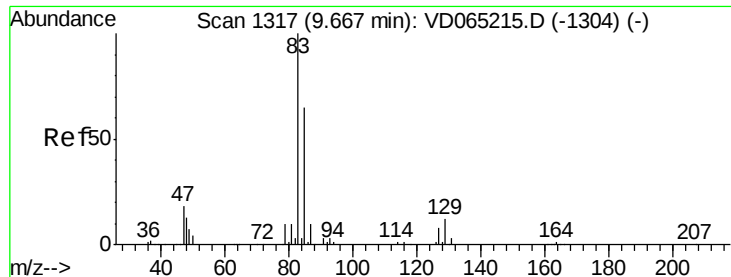
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.6

174 111.6 86.8 130.2





#47

Bromodichloromethane

Concen: 52.01 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

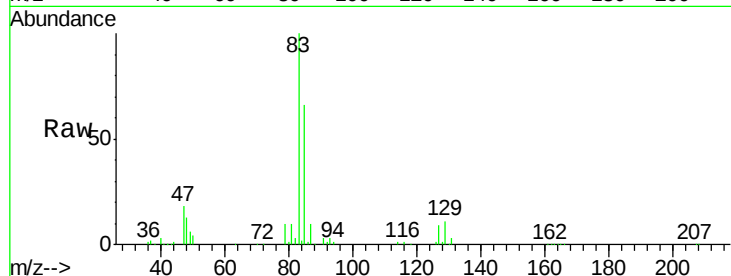
Tgt Ion: 83 Resp: 315755

Ion Ratio Lower Upper

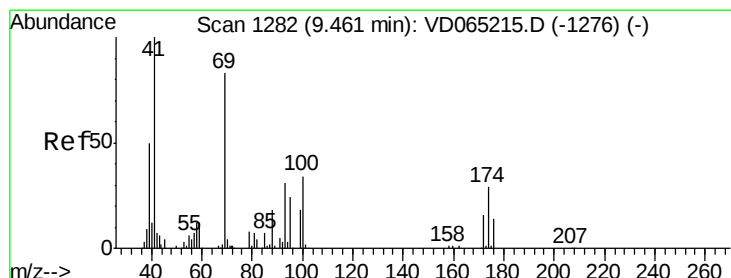
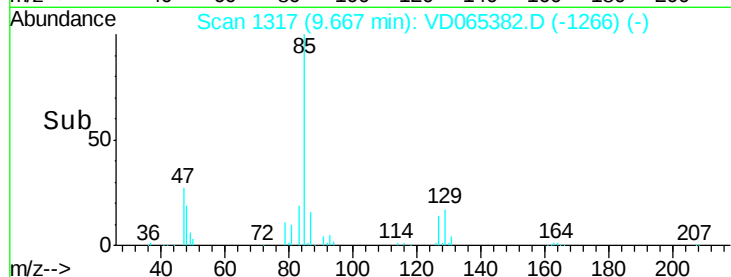
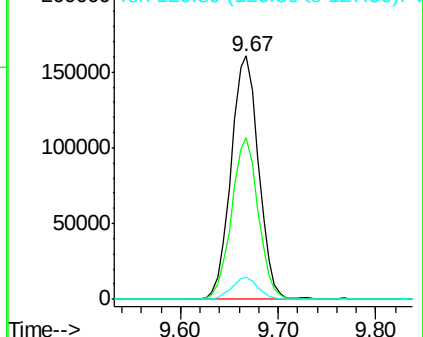
83 100

85 66.2 52.0 78.0

127 9.2 6.7 10.1



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: 53.59 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

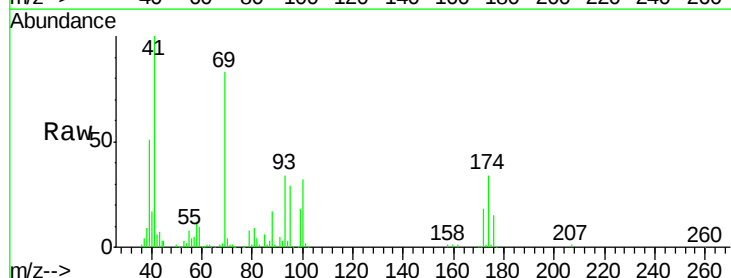
Tgt Ion: 41 Resp: 120143

Ion Ratio Lower Upper

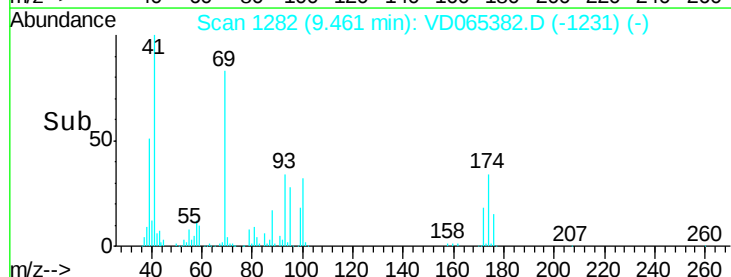
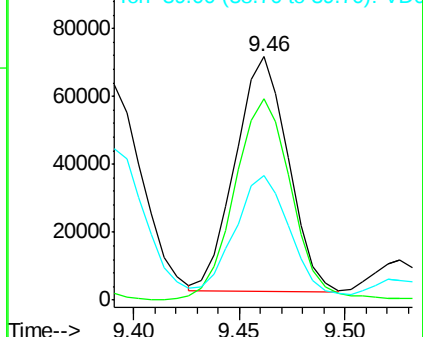
41 100

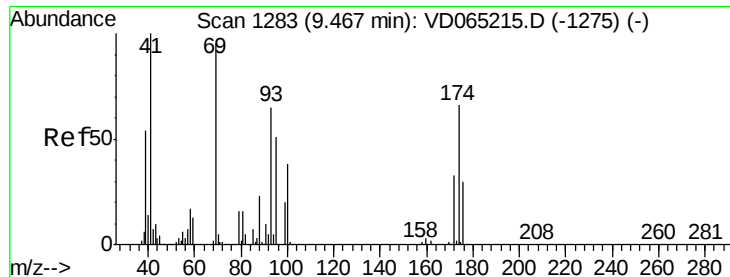
69 92.7 68.2 102.2

39 52.2 42.0 63.0



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: 1048.36 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

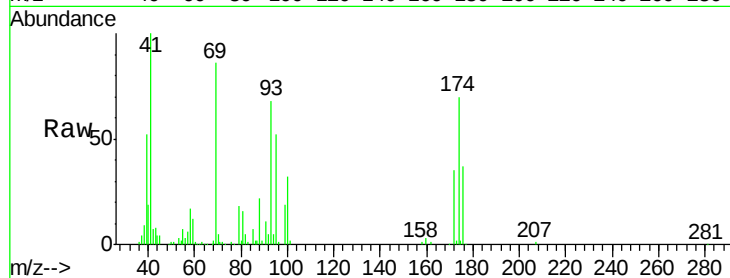
Tgt Ion: 88 Resp: 28327

Ion Ratio Lower Upper

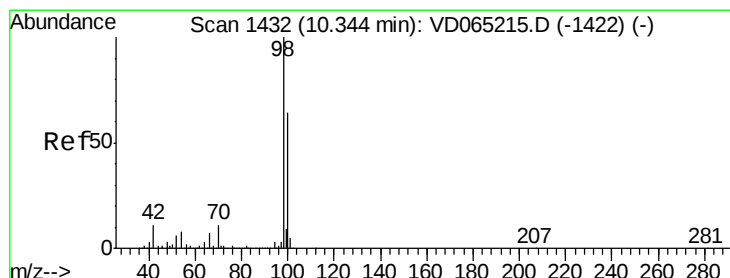
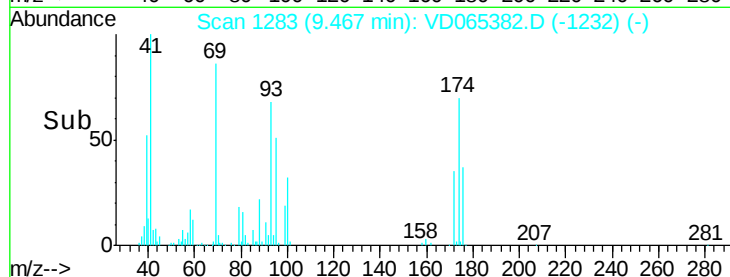
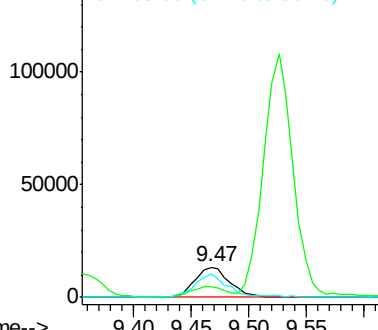
88 100

43 33.4 28.5 42.7

58 71.8 58.6 87.8



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



#50

Toluene-d8

Concen: 51.94 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065382.D

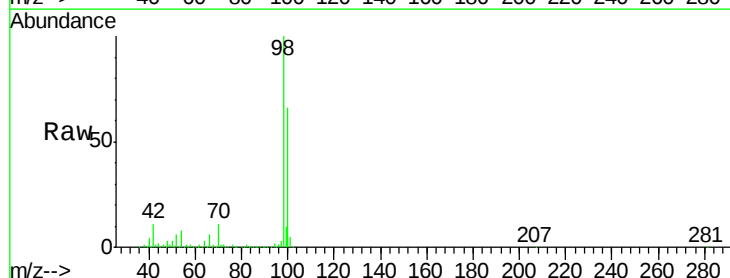
Acq: 02 Mar 2020 16:53

Tgt Ion: 98 Resp: 793835

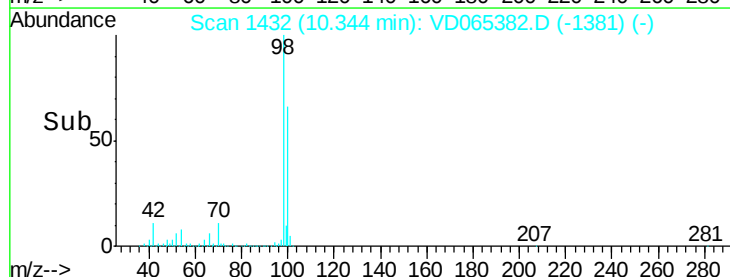
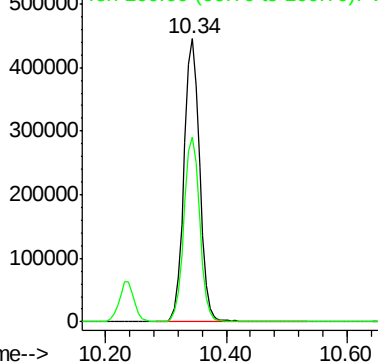
Ion Ratio Lower Upper

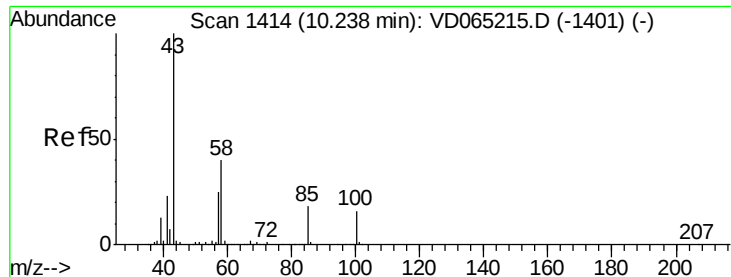
98 100

100 65.5 52.0 78.0



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

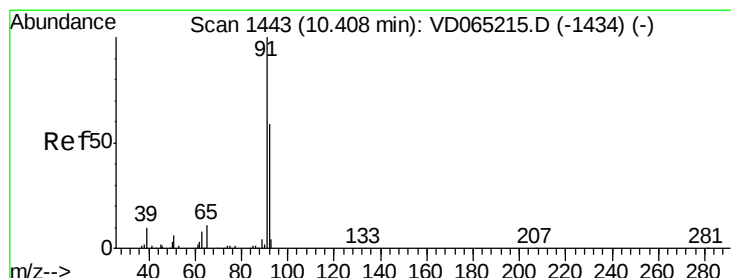
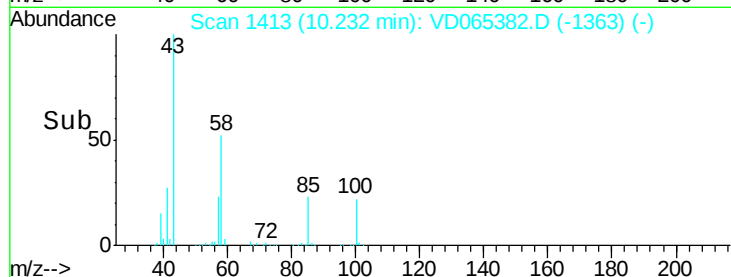
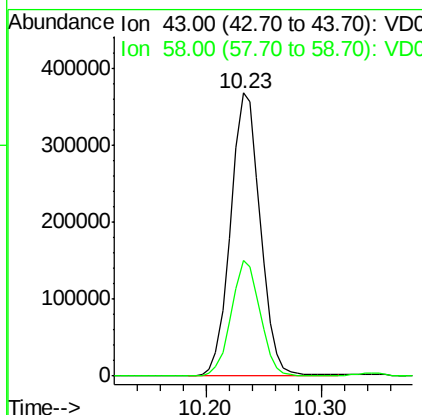
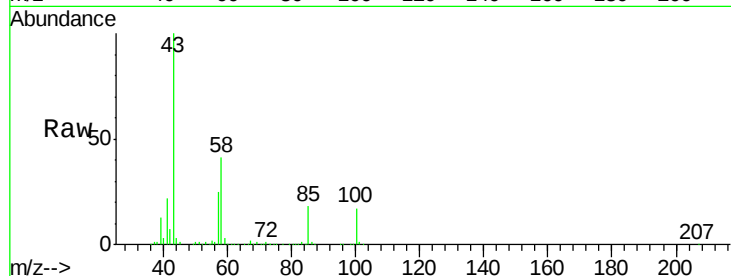




#51
 4-Methyl-2-Pentanone
 Concen: 267.39 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

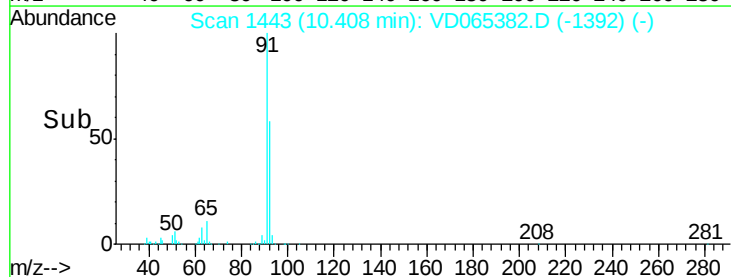
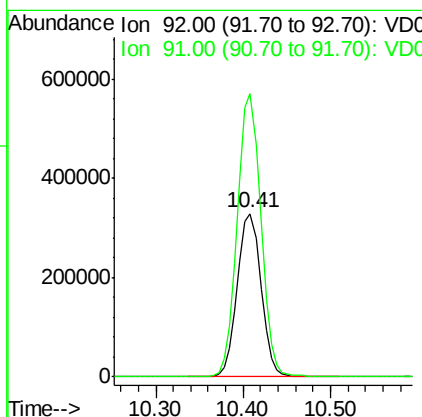
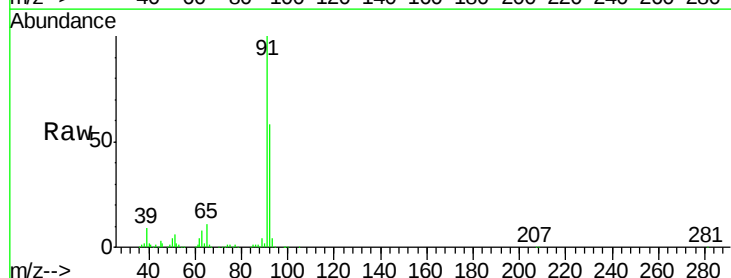
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

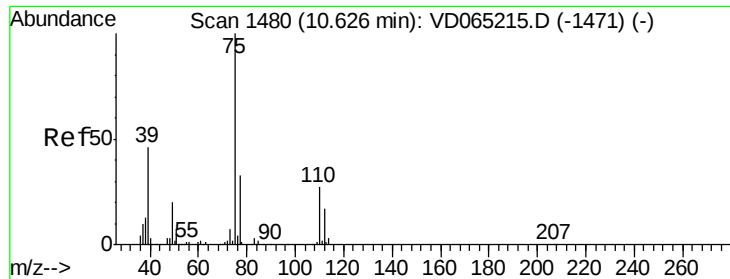
Tgt Ion: 43 Resp: 658645
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.1 46.7



#52
 Toluene
 Concen: 54.26 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion: 92 Resp: 604736
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.37 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

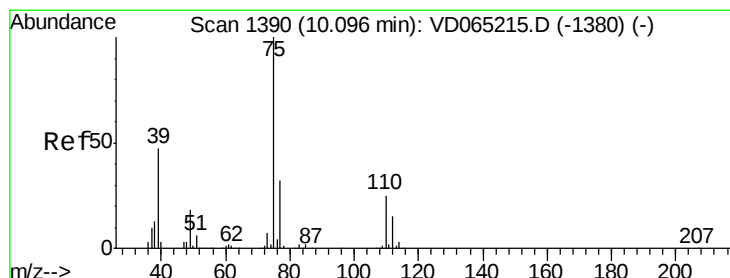
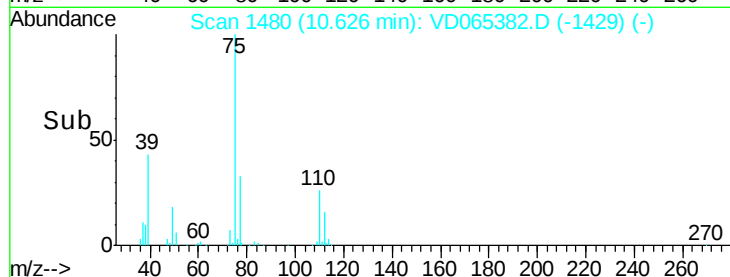
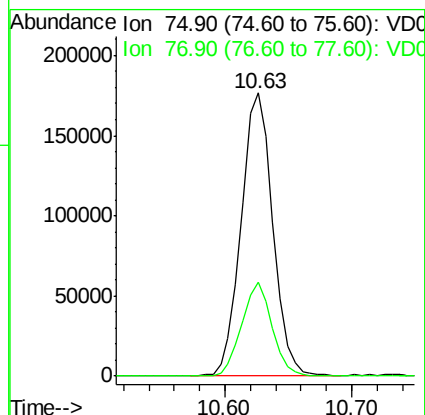
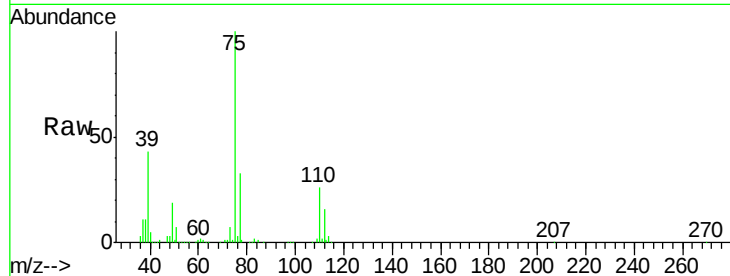
VSTDCCC050EC

Tgt Ion: 75 Resp: 305983

Ion Ratio Lower Upper

75 100

77 33.1 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 54.33 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

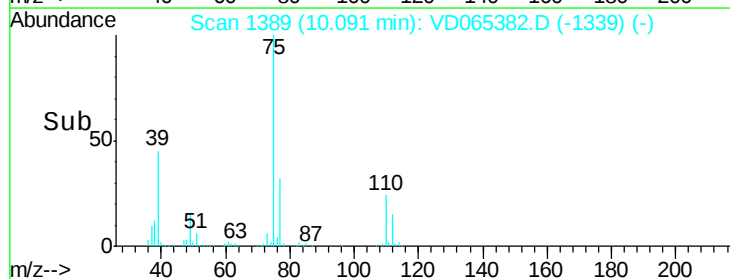
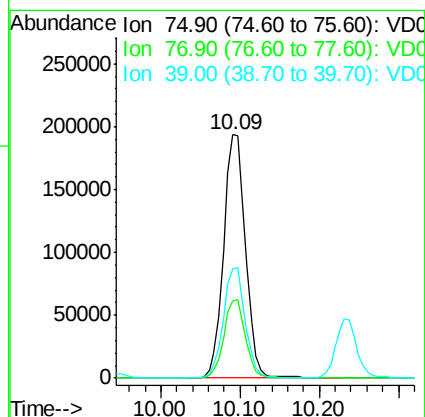
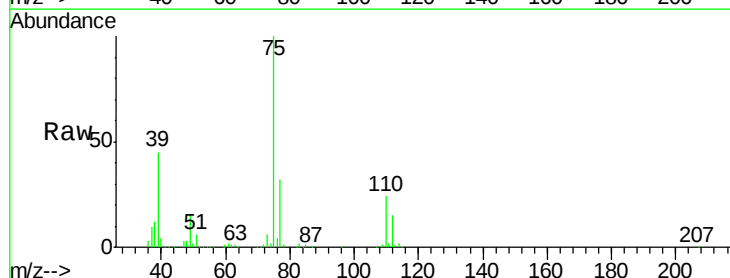
Tgt Ion: 75 Resp: 369187

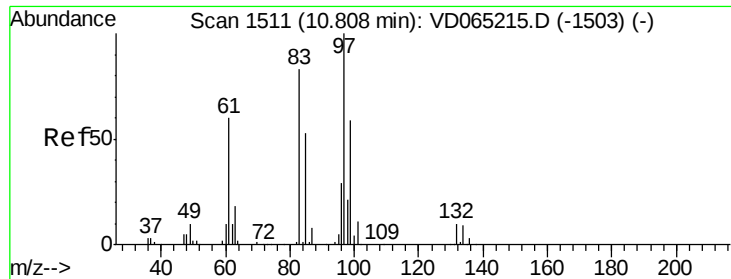
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 44.6 37.3 55.9

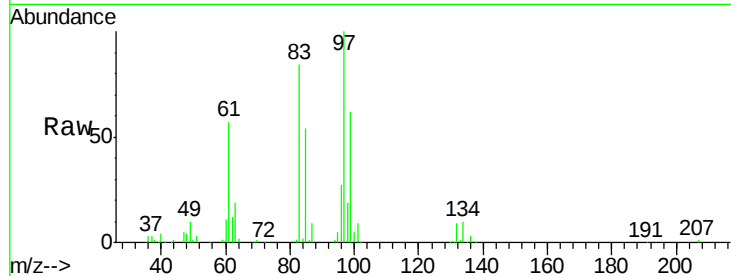




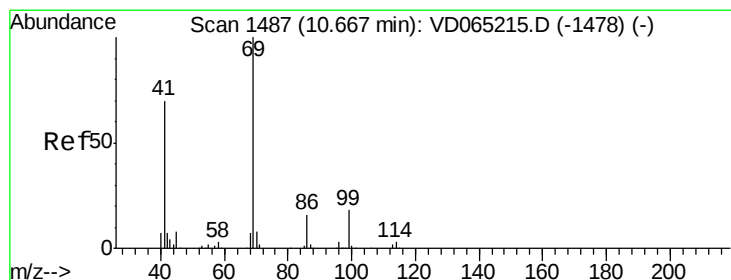
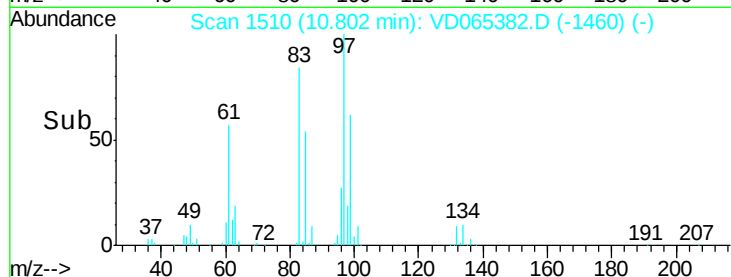
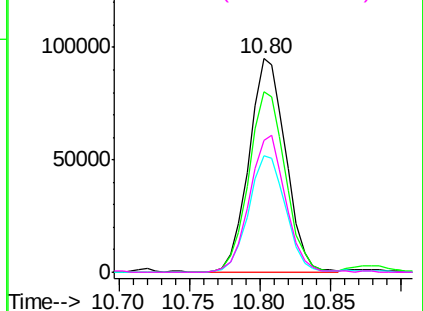
#55
 1,1,2-Trichloroethane
 Concen: 53.62 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	173882
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.7	100.1
85	54.3	42.4	63.6
99	62.0	47.5	71.3

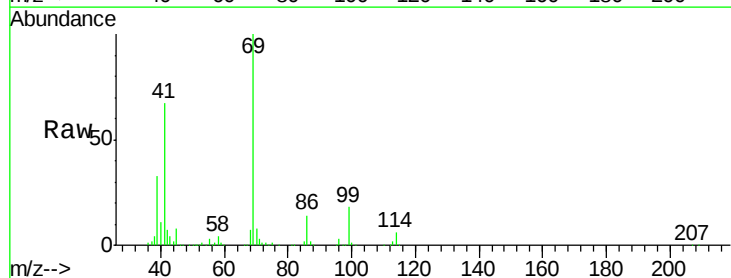


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

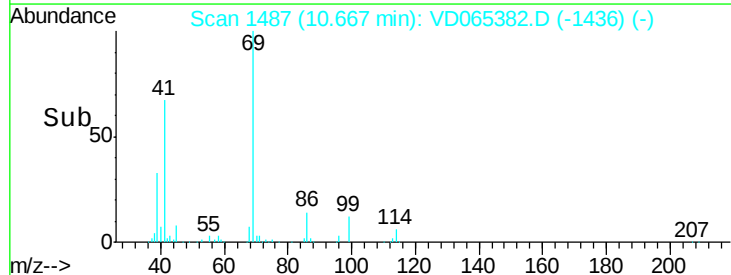
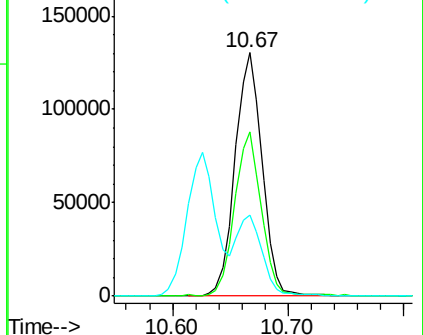


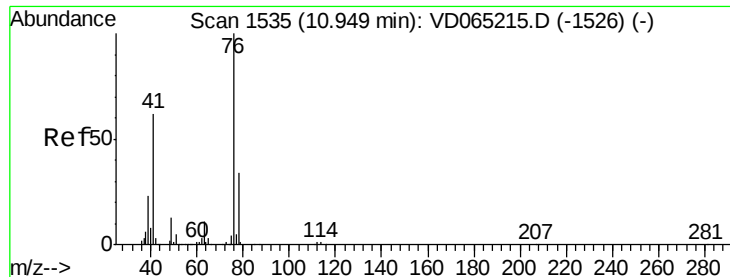
#56
 Ethyl methacrylate
 Concen: 56.62 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion:	69	Resp:	211923
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.6	81.8
39	31.2	26.5	39.7



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

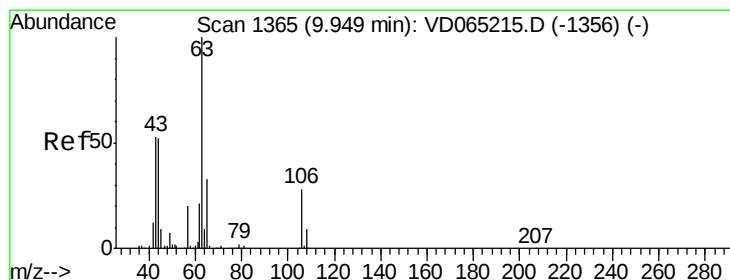
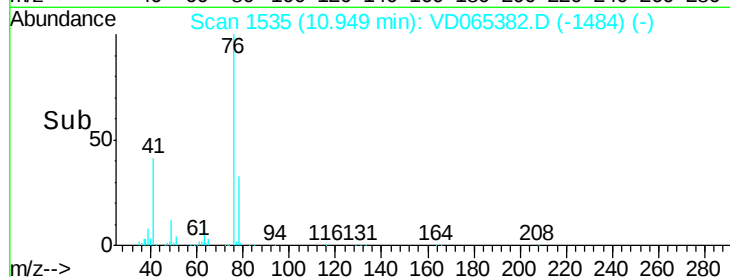
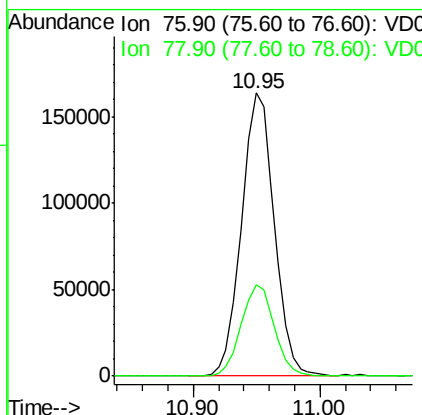
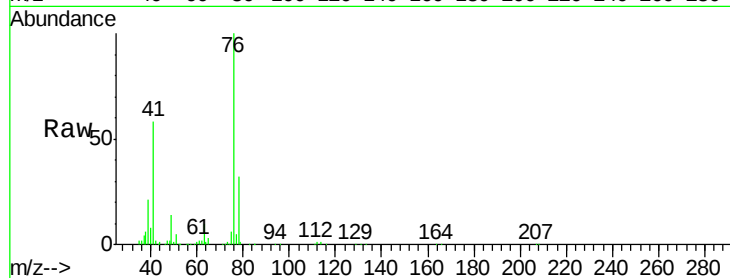




#57
 1,3-Dichloropropane
 Concen: 53.30 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

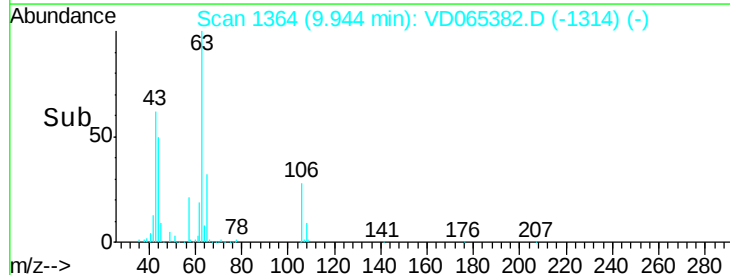
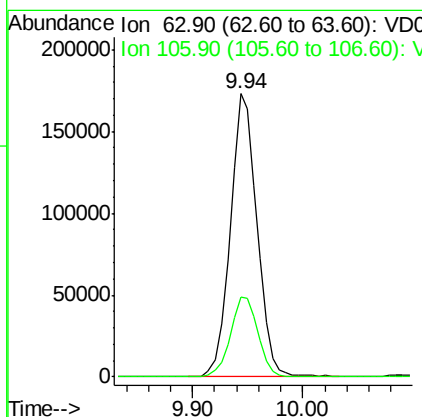
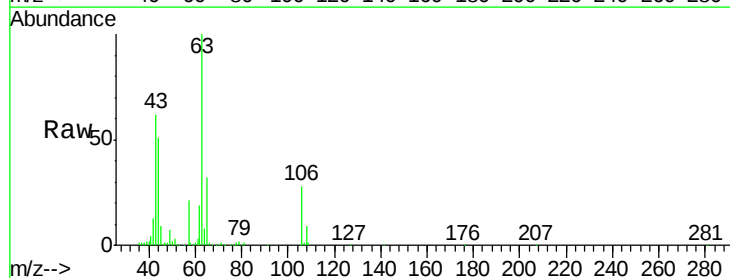
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

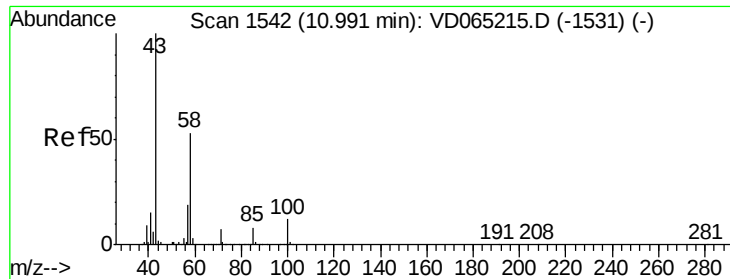
Tgt Ion: 76 Resp: 294134
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.16 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion: 63 Resp: 292826
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.8 34.2

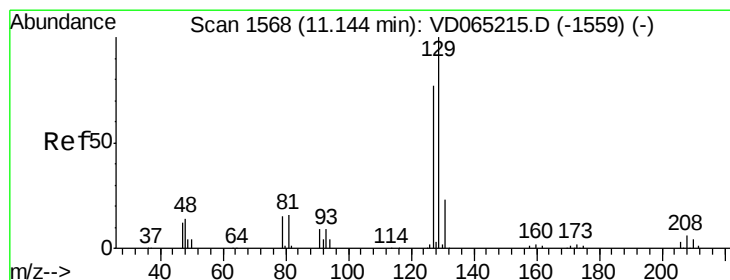
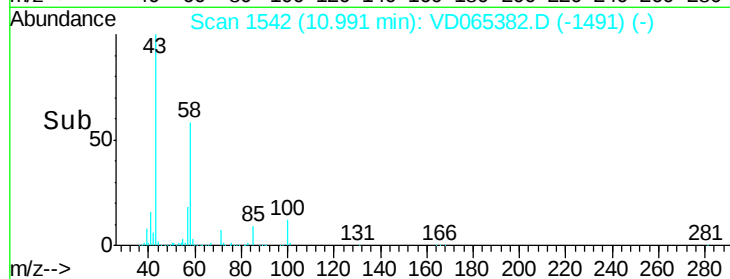
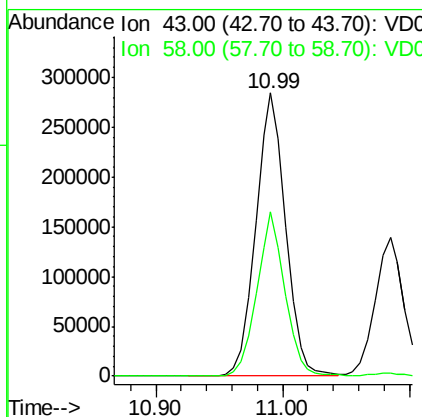
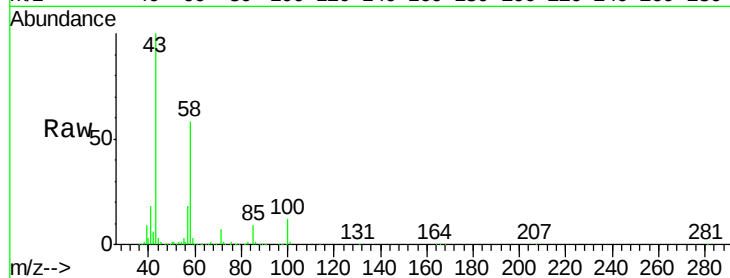




#59
2-Hexanone
Concen: 263.89 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

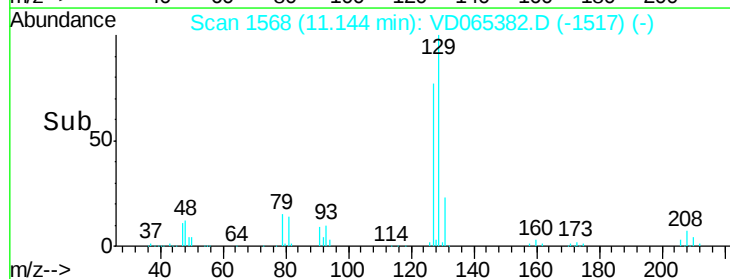
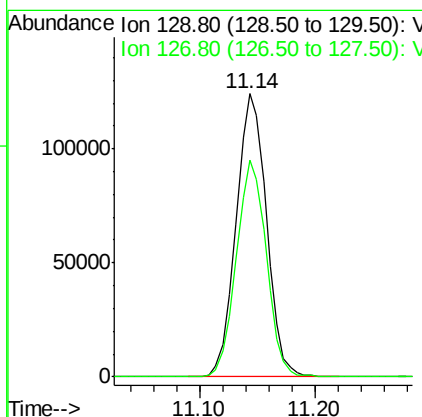
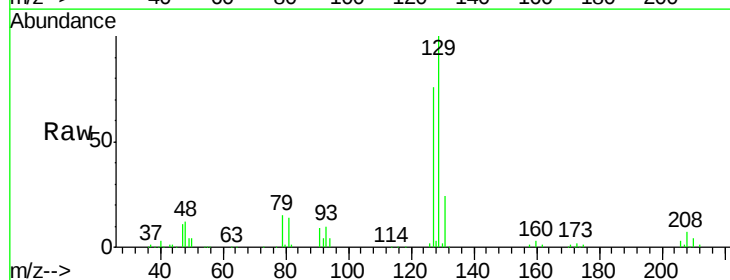
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

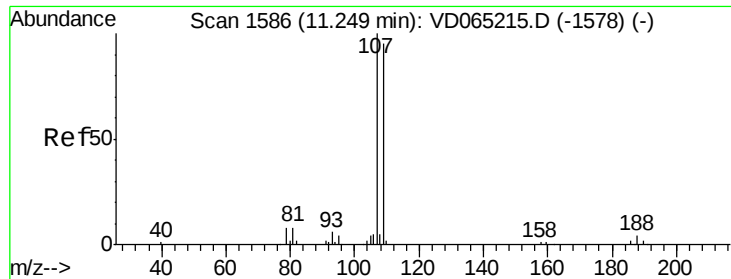
Tgt Ion: 43 Resp: 465327
Ion Ratio Lower Upper
43 100
58 54.6 26.3 78.8



#60
Dibromochloromethane
Concen: 54.53 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 129 Resp: 226319
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1

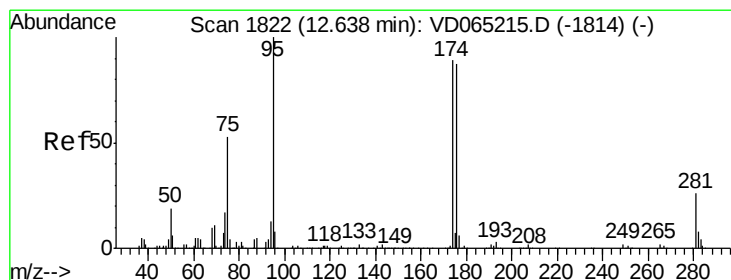
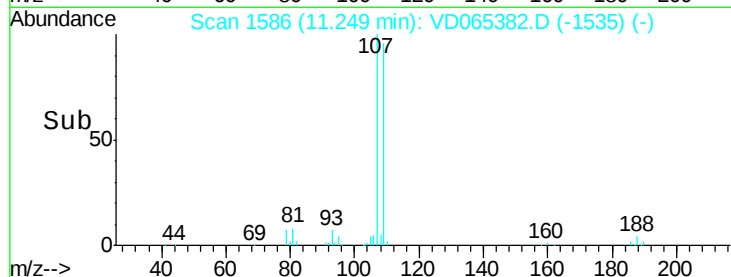
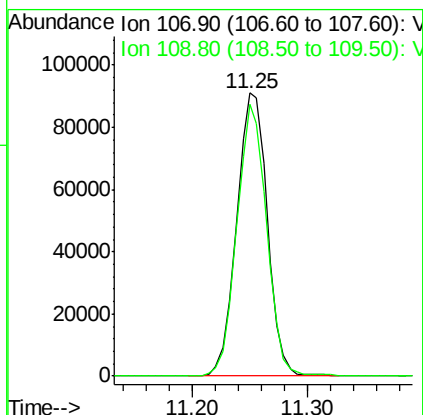
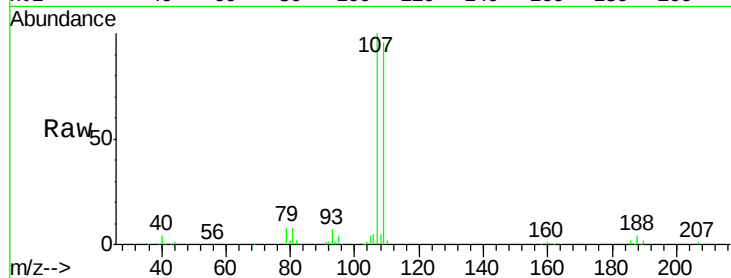




#61
 1,2-Dibromoethane
 Concen: 54.51 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

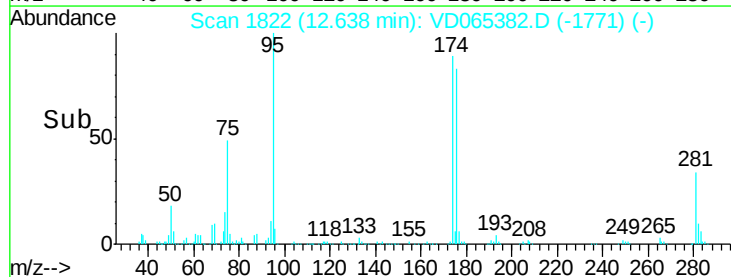
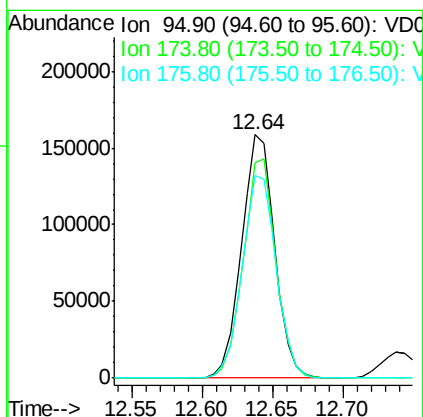
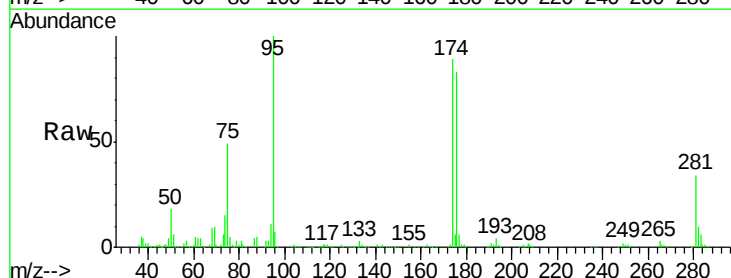
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

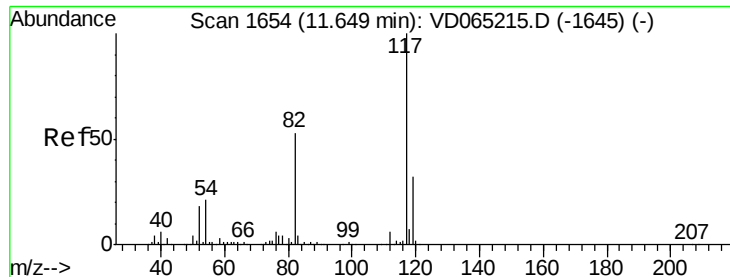
Tgt Ion: 107 Resp: 167347
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 53.75 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion: 95 Resp: 260218
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 178.0
 176 85.8 0.0 174.4

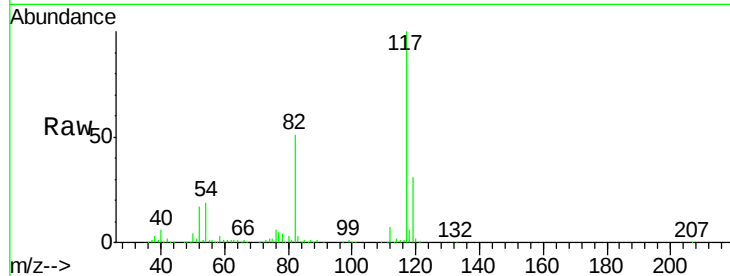




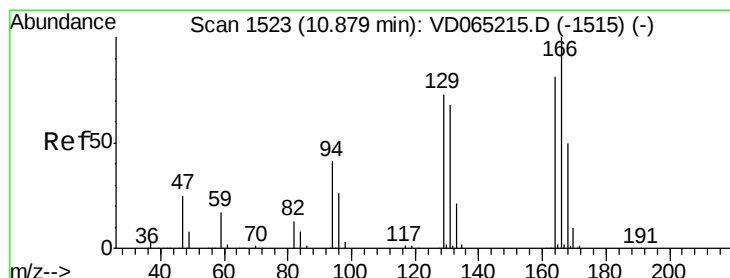
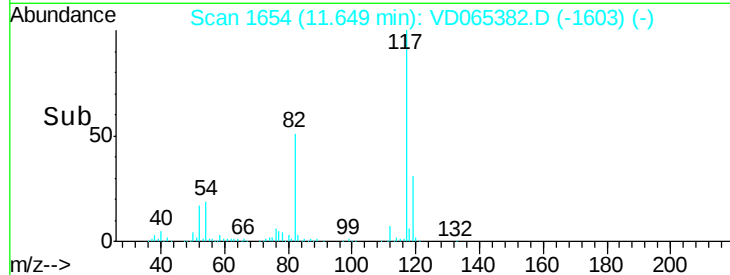
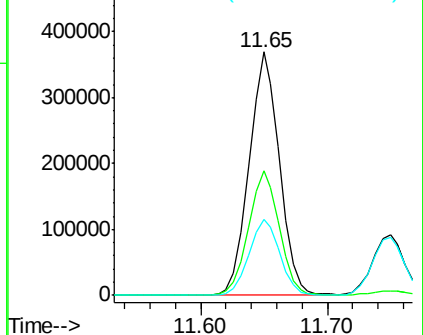
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 614567
Ion Ratio Lower Upper
117 100
82 50.9 42.7 64.1
119 31.4 25.5 38.3

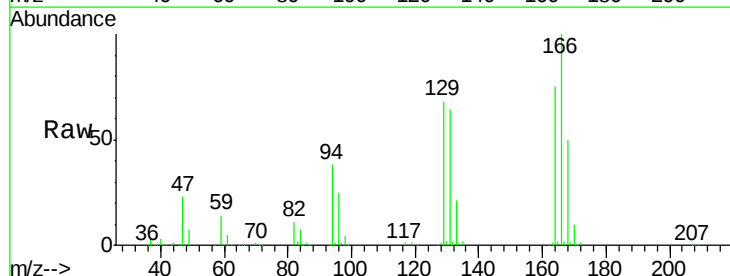


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

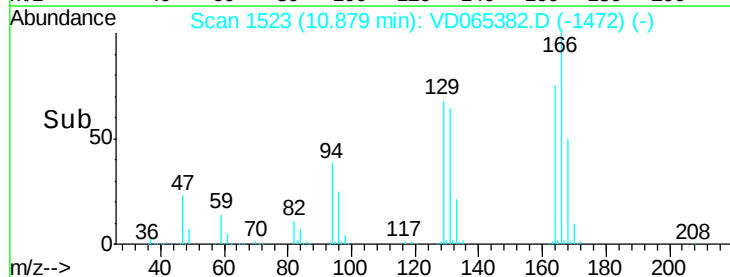
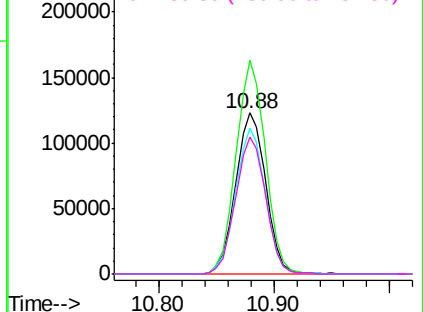


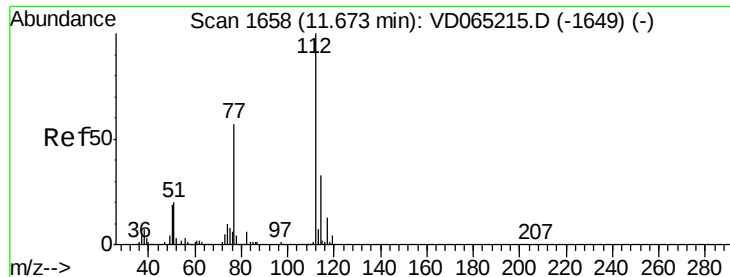
#64
Tetrachloroethene
Concen: 50.96 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion:164 Resp: 222122
Ion Ratio Lower Upper
164 100
166 132.6 98.4 147.6
129 90.3 71.6 107.4
131 85.1 67.3 100.9



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: 51.41 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

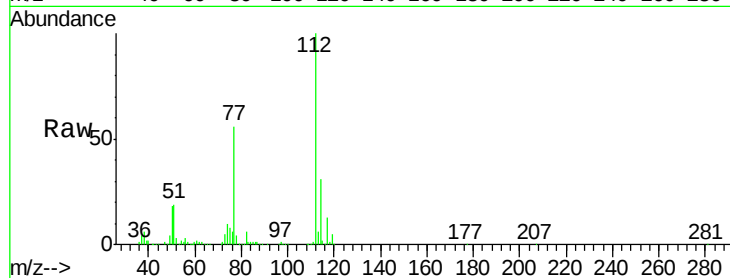
VSTDCCC050EC

Tgt Ion:112 Resp: 634024

Ion Ratio Lower Upper

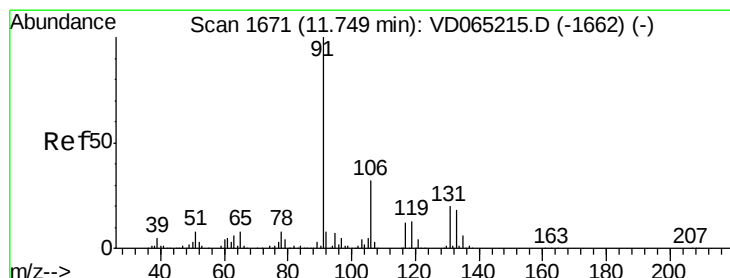
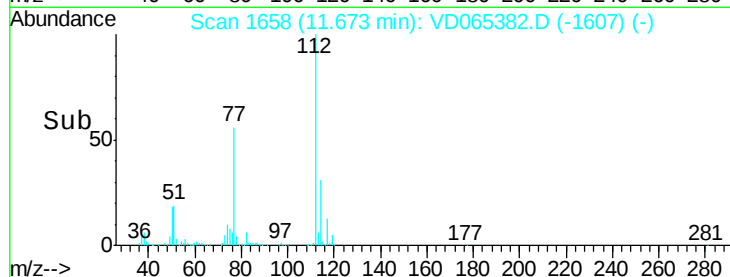
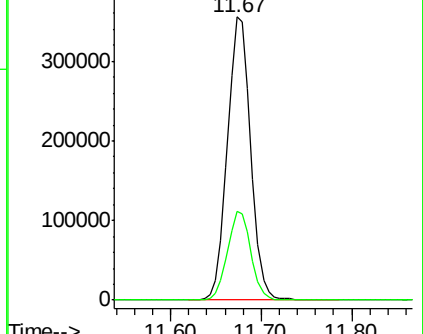
112 100

114 31.5 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.82 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

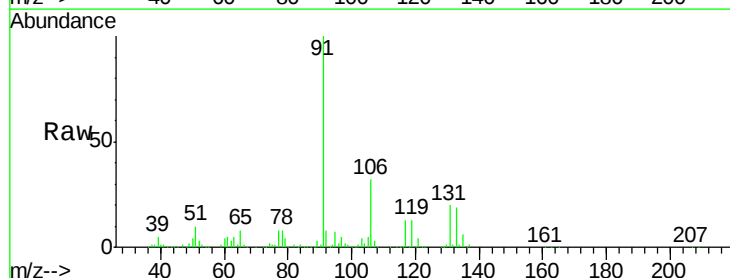
Tgt Ion:131 Resp: 238473

Ion Ratio Lower Upper

131 100

133 96.2 47.7 143.1

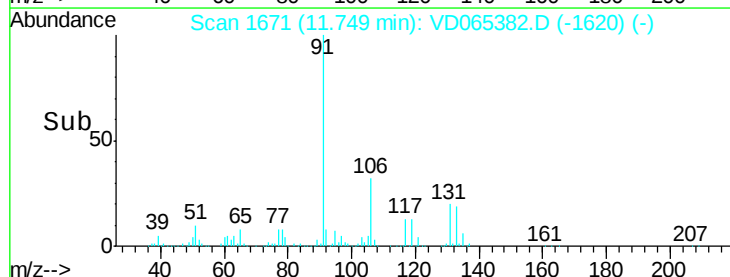
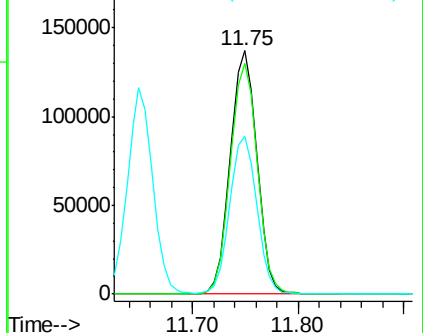
119 66.2 32.7 98.1

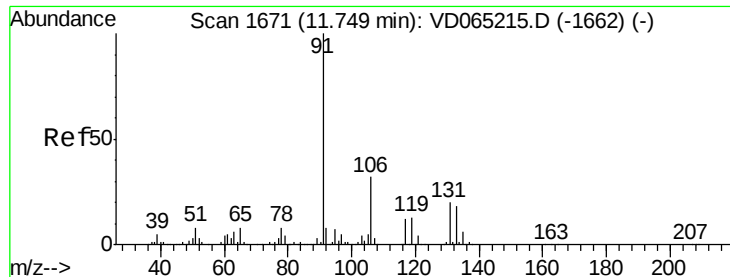


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

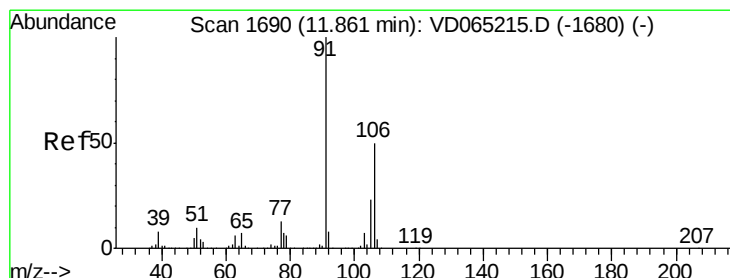
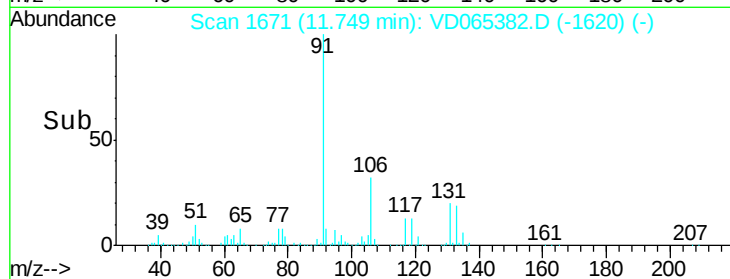
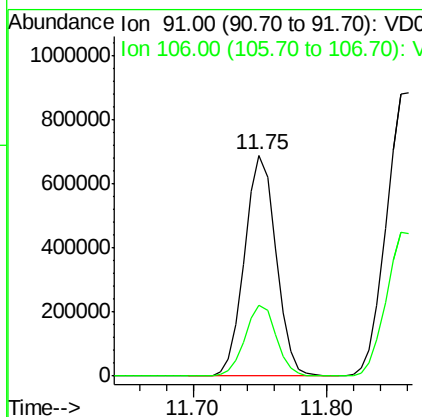
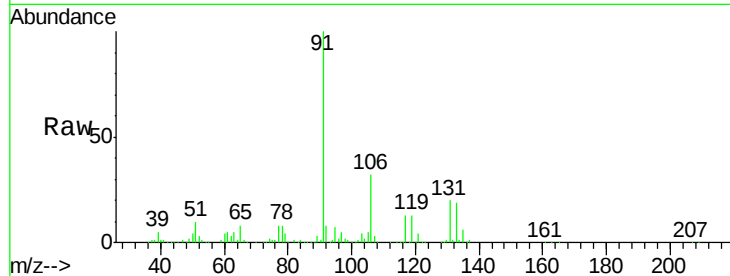




#67
Ethyl Benzene
Concen: 52.08 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

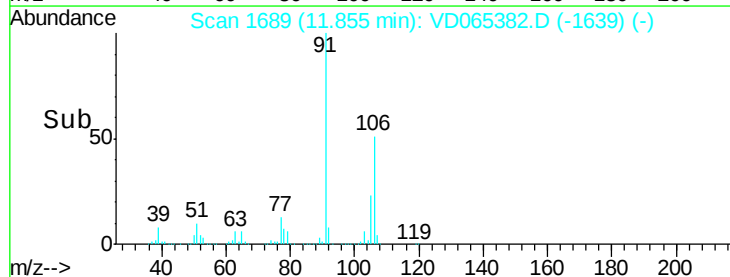
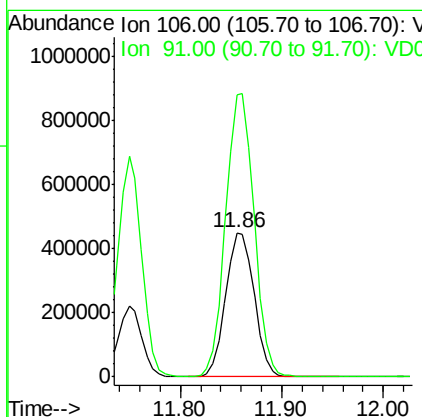
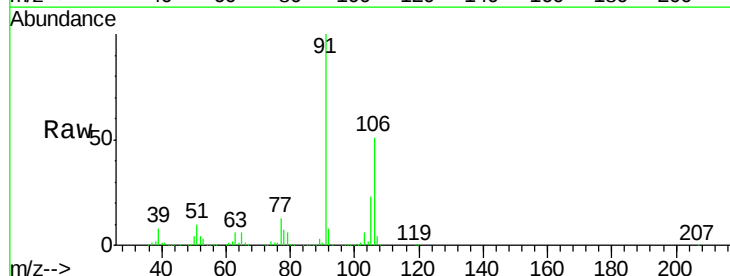
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1124930
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8



#68
m/p-Xylenes
Concen: 106.24 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 106 Resp: 877974
Ion Ratio Lower Upper
106 100
91 196.3 158.2 237.4

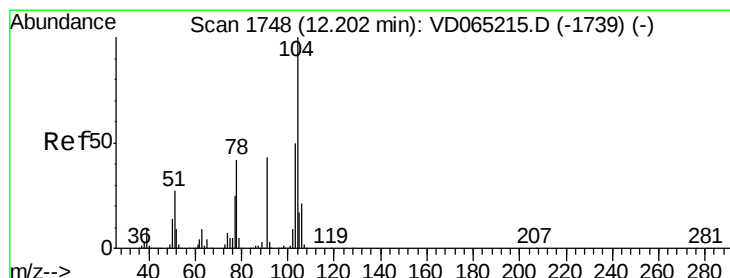
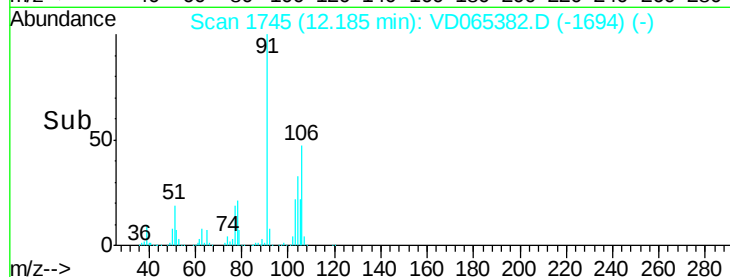
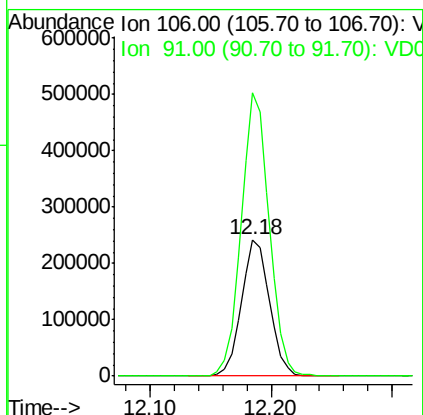
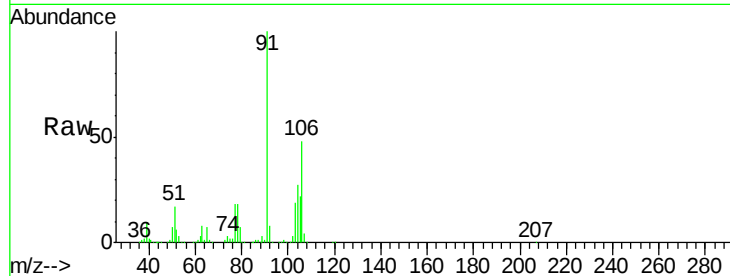




#69
o-Xylene
Concen: 53.89 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

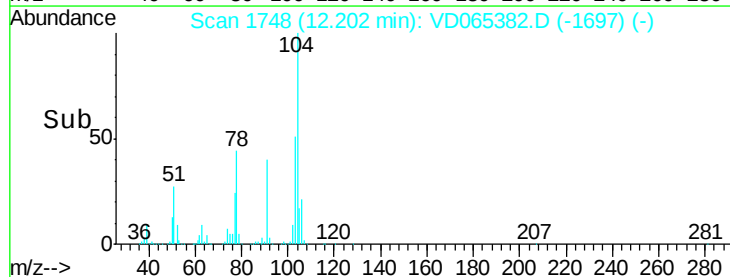
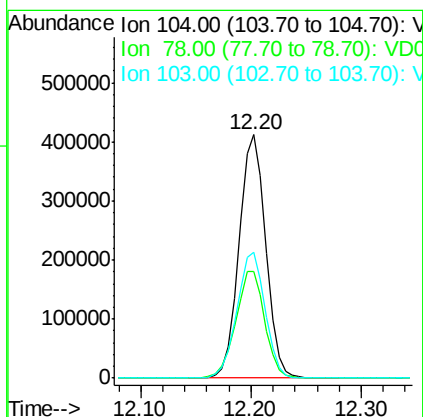
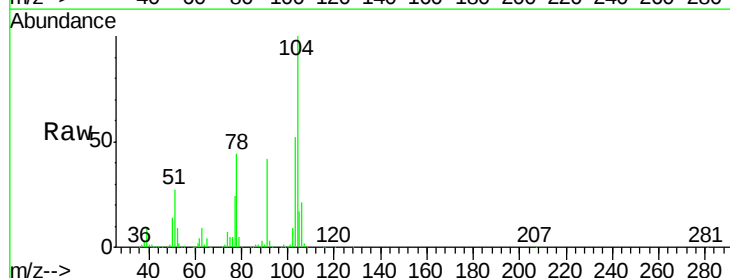
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

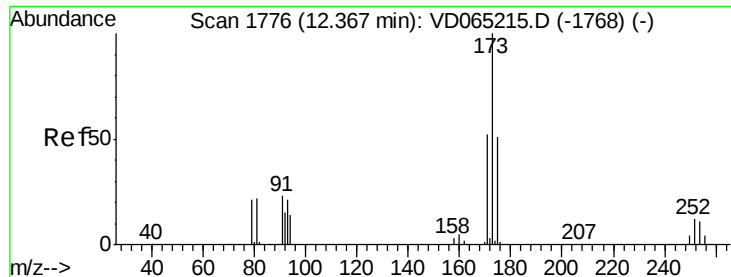
Tgt Ion:106 Resp: 394547
Ion Ratio Lower Upper
106 100
91 206.1 104.7 313.9



#70
Styrene
Concen: 53.82 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion:104 Resp: 699646
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.6
103 54.8 43.4 65.2

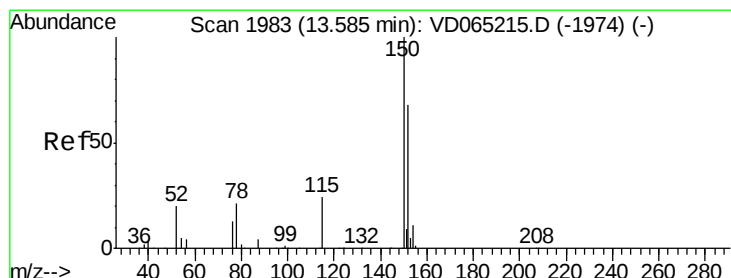
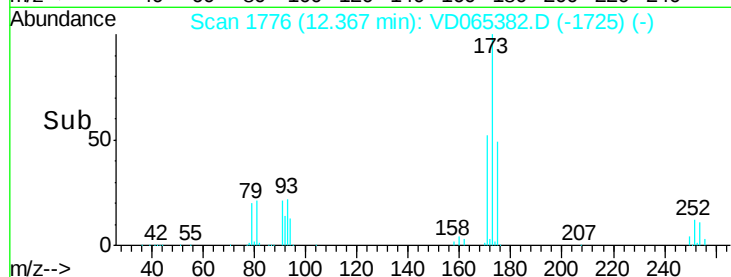
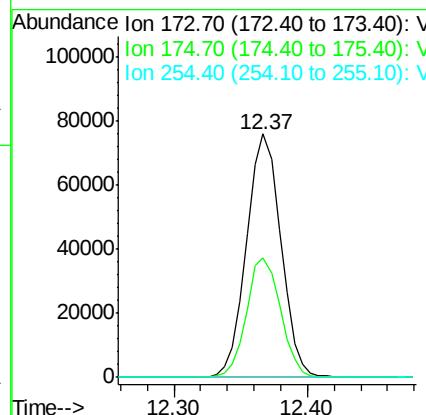
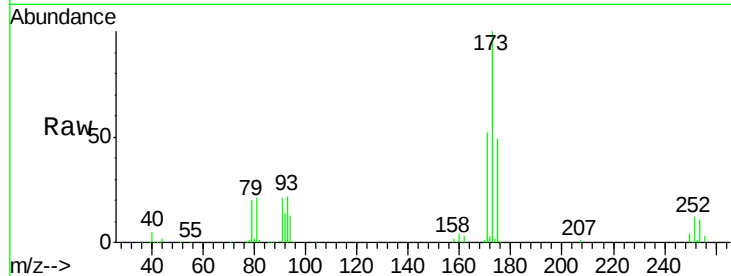




#71
Bromoform
Concen: 52.74 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

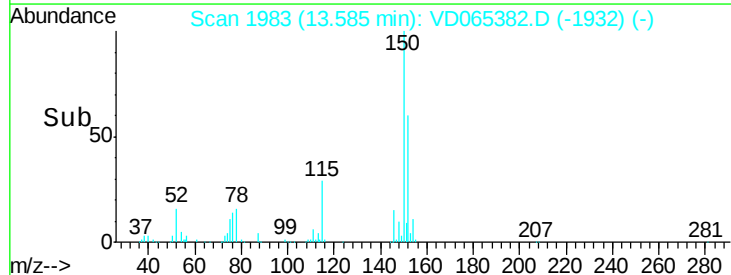
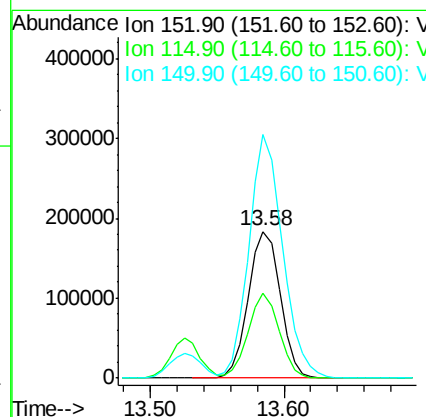
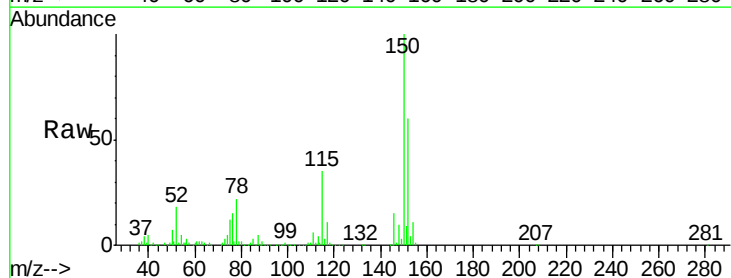
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

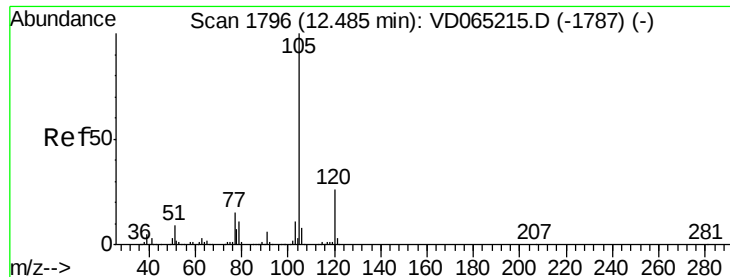
Tgt Ion:173 Resp: 134688
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion:152 Resp: 303340
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 174.7 0.0 347.4





#73

Isopropylbenzene

Concen: 53.85 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

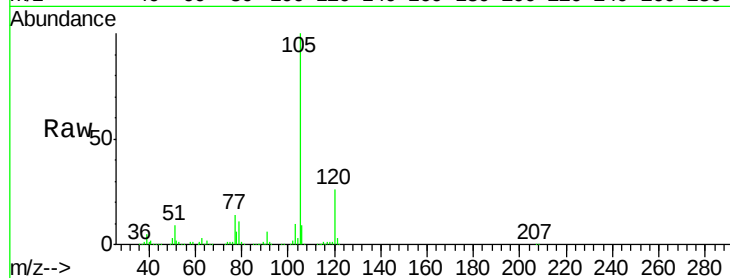
VSTDCCC050EC

Tgt Ion:105 Resp: 1081367

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

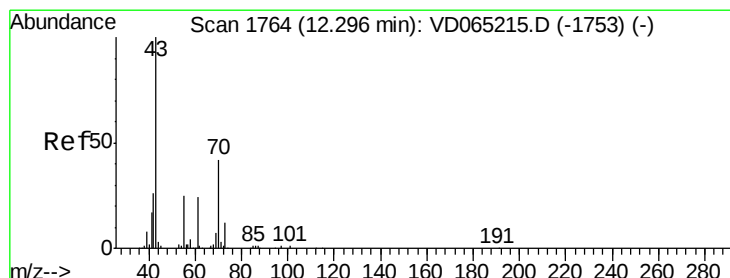
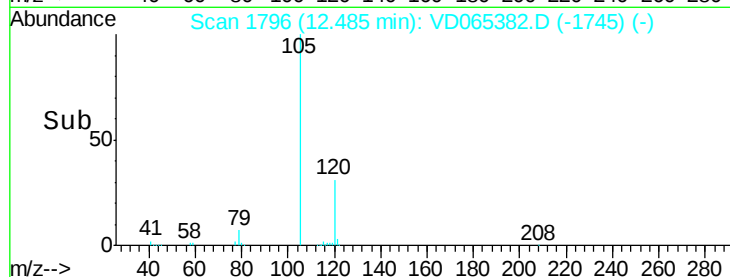
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 52.28 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Tgt Ion: 43 Resp: 233282

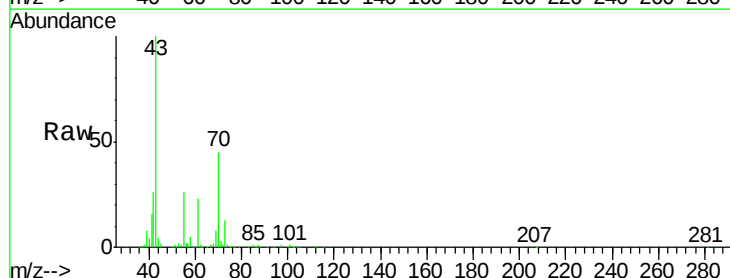
Ion Ratio Lower Upper

43 100

70 44.3 33.7 50.5

55 27.7 20.7 31.1

61 23.9 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

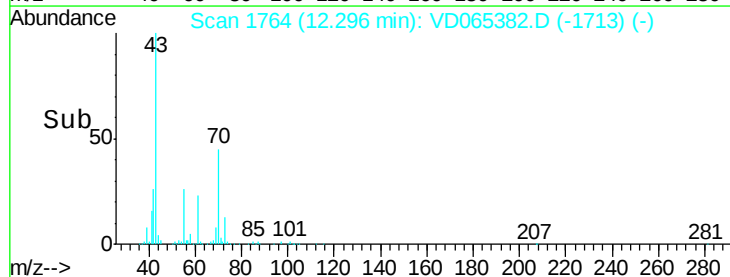
150000

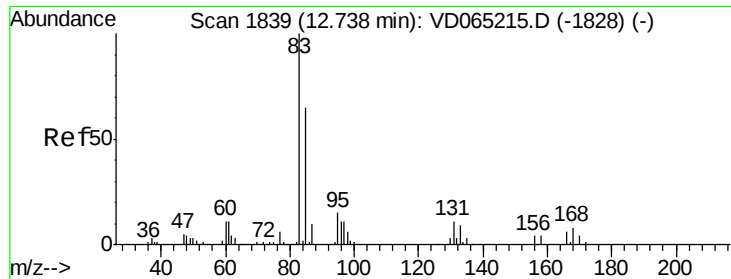
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.19 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

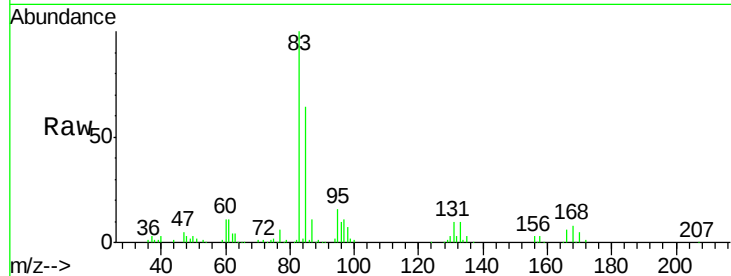
Tgt Ion: 83 Resp: 185523

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

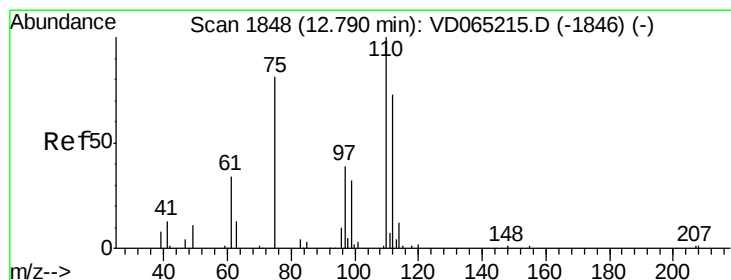
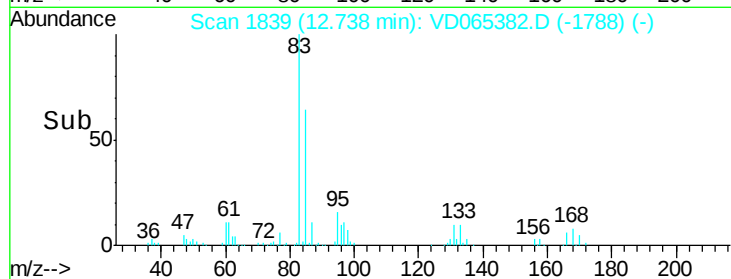
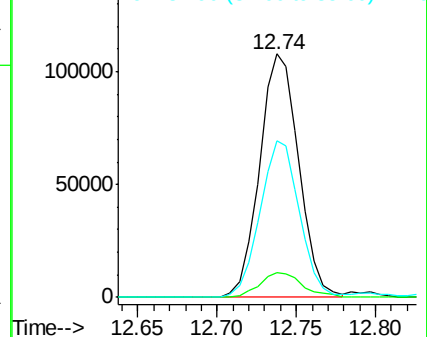
85 64.5 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 92.67 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065382.D

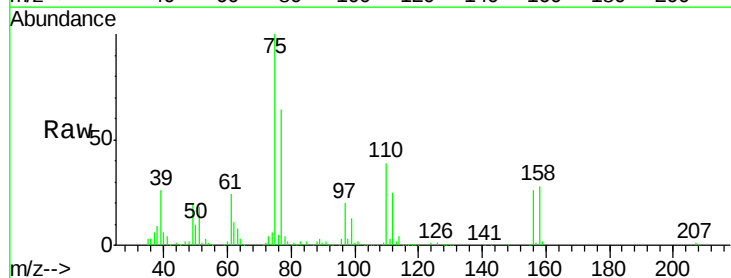
Acq: 02 Mar 2020 16:53

Tgt Ion: 75 Resp: 239168

Ion Ratio Lower Upper

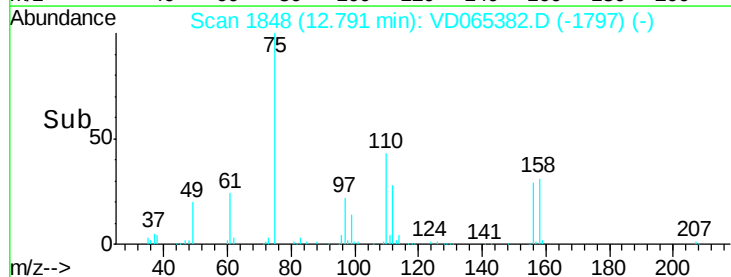
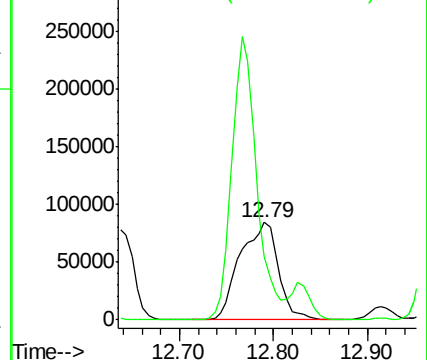
75 100

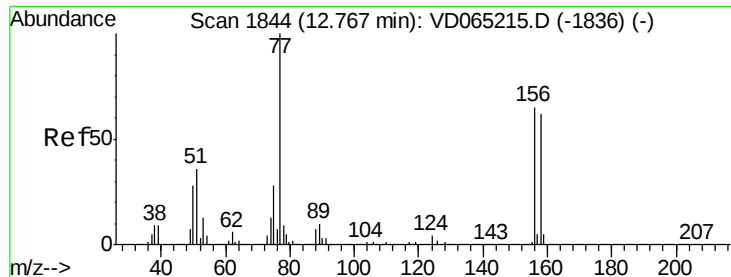
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 53.11 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

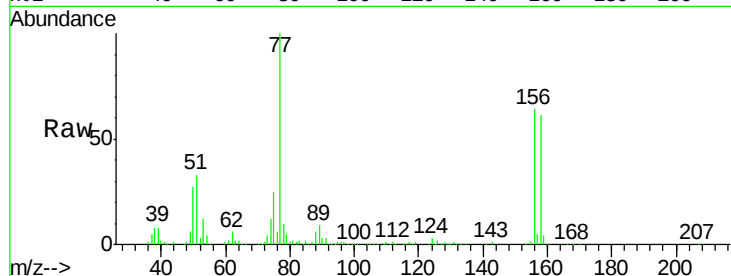
Tgt Ion:156 Resp: 264842

Ion Ratio Lower Upper

156 100

77 169.2 86.6 259.7

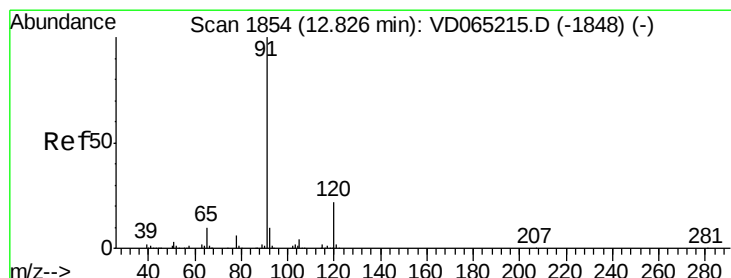
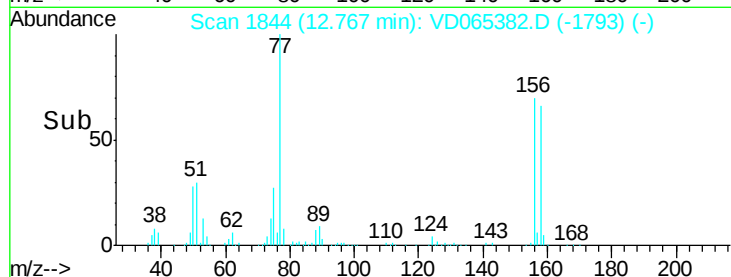
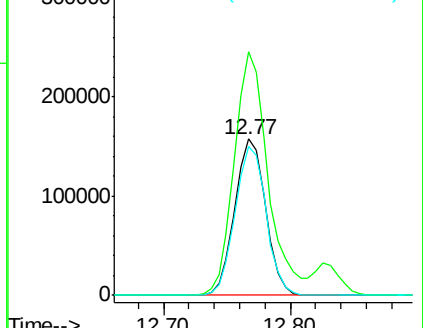
158 95.9 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.38 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065382.D

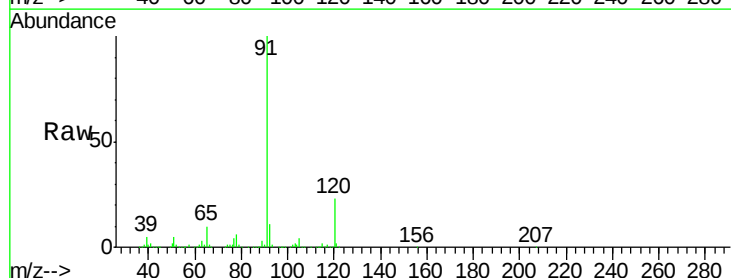
Acq: 02 Mar 2020 16:53

Tgt Ion: 91 Resp: 1288262

Ion Ratio Lower Upper

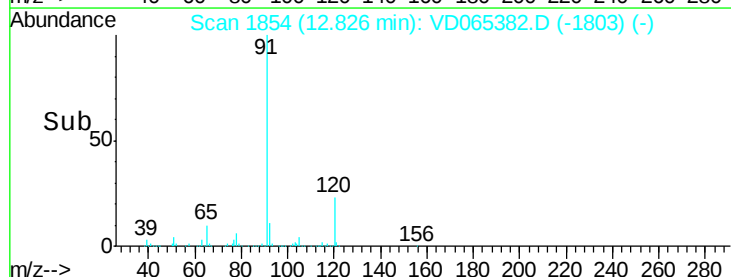
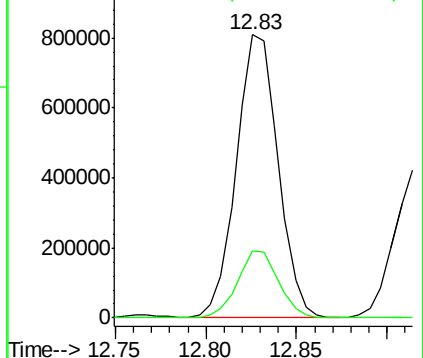
91 100

120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.20 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

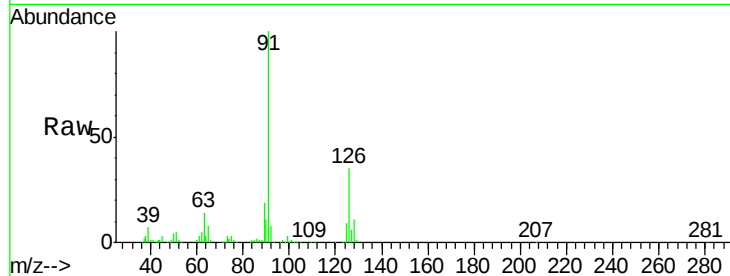
VSTDCCC050EC

Tgt Ion: 91 Resp: 705725

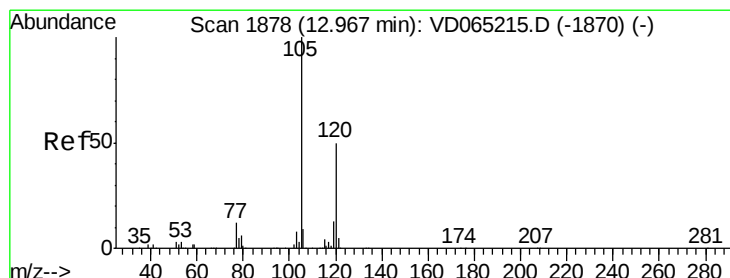
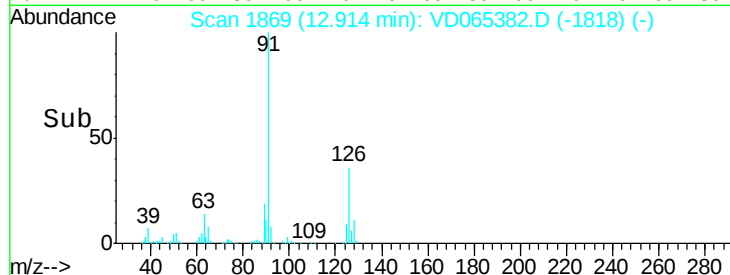
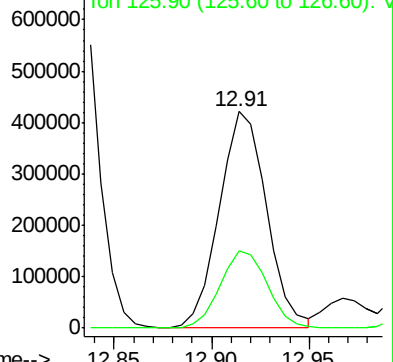
Ion Ratio Lower Upper

91 100

126 35.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 54.19 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065382.D

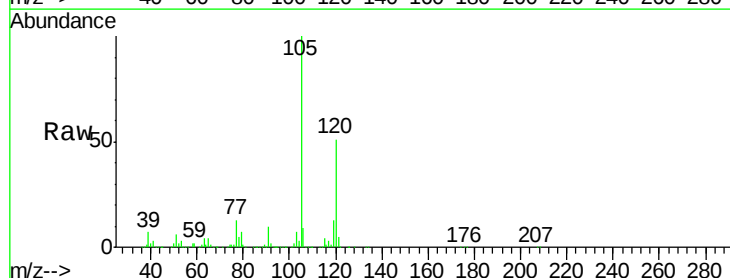
Acq: 02 Mar 2020 16:53

Tgt Ion: 105 Resp: 896325

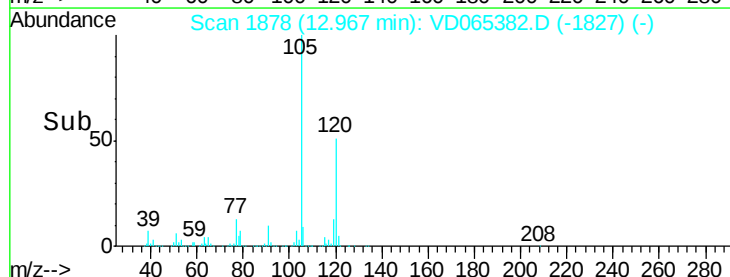
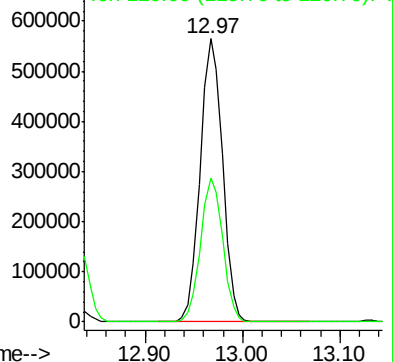
Ion Ratio Lower Upper

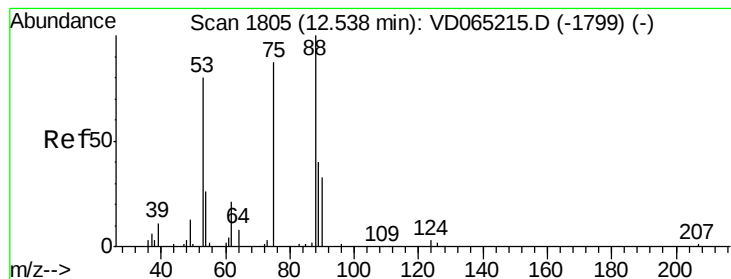
105 100

120 50.7 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.92 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

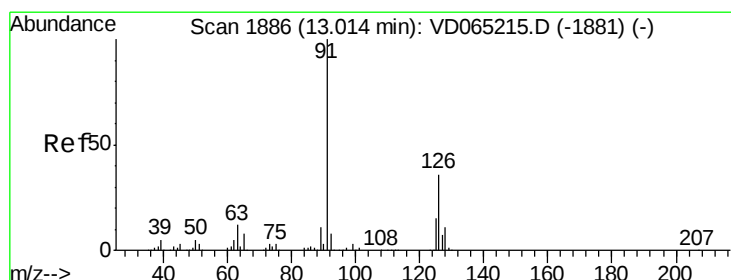
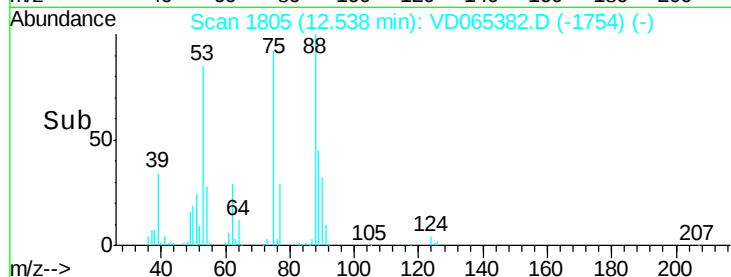
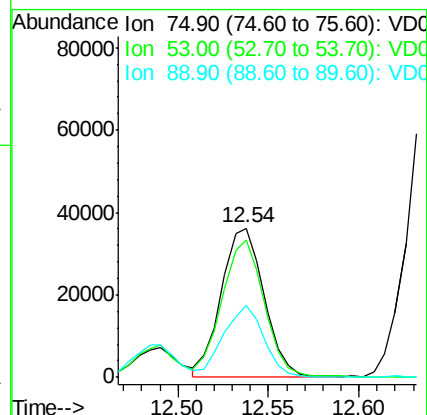
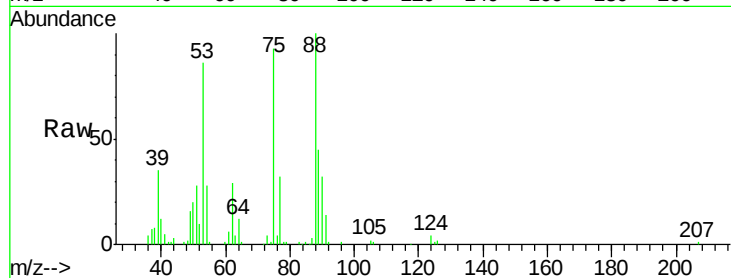
Tgt Ion: 75 Resp: 58475

Ion Ratio Lower Upper

75 100

53 91.0 77.6 116.4

89 46.9 37.2 55.8



#82

4-Chlorotoluene

Concen: 52.20 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065382.D

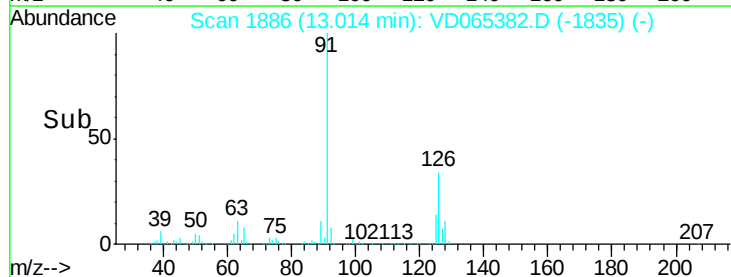
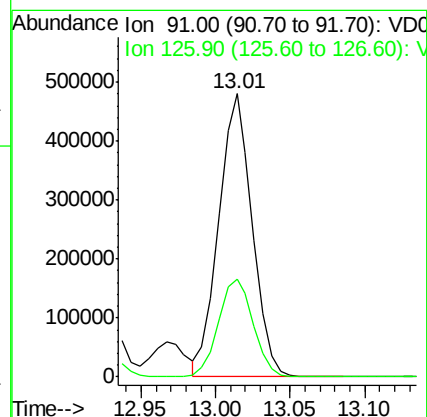
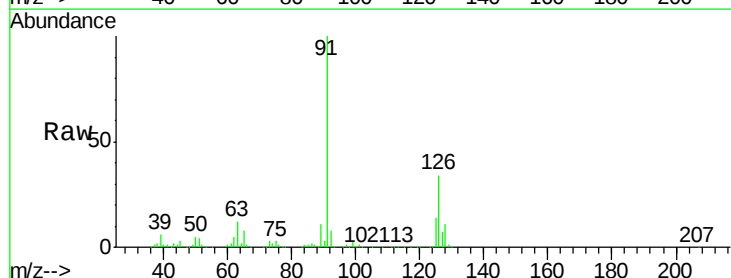
Acq: 02 Mar 2020 16:53

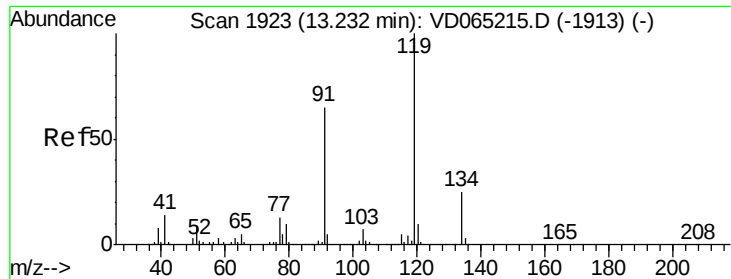
Tgt Ion: 91 Resp: 749165

Ion Ratio Lower Upper

91 100

126 36.1 17.4 52.3

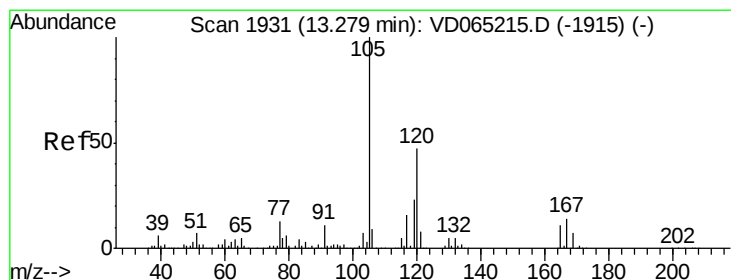
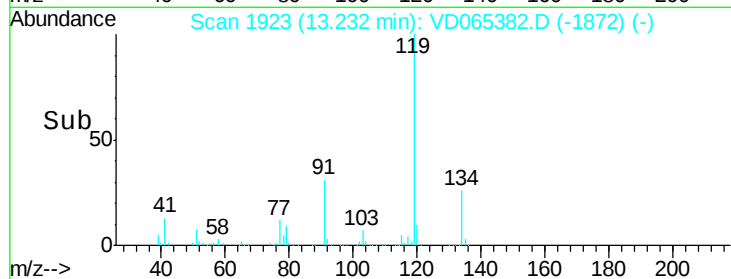
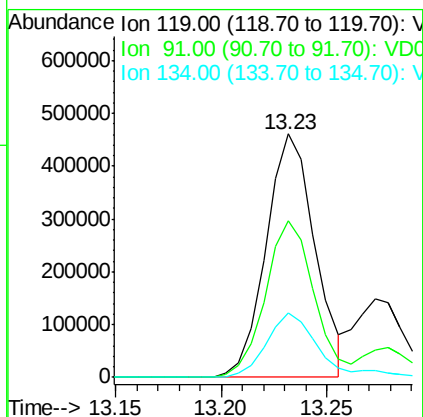
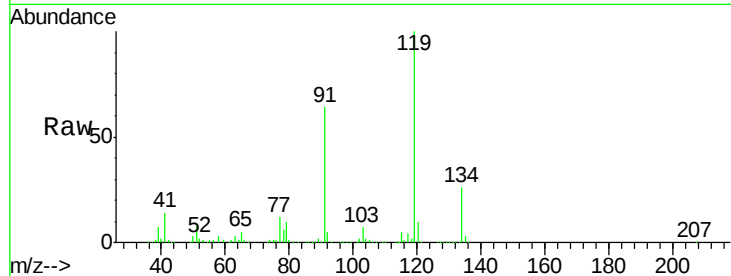




#83
 tert-Butylbenzene
 Concen: 53.43 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

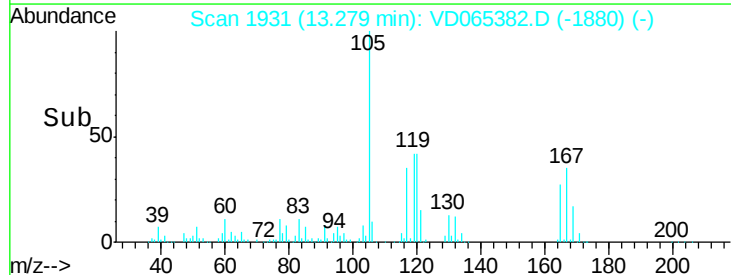
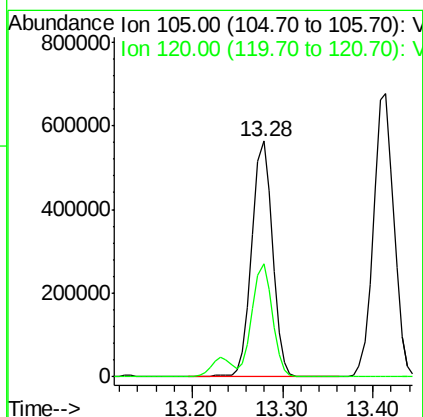
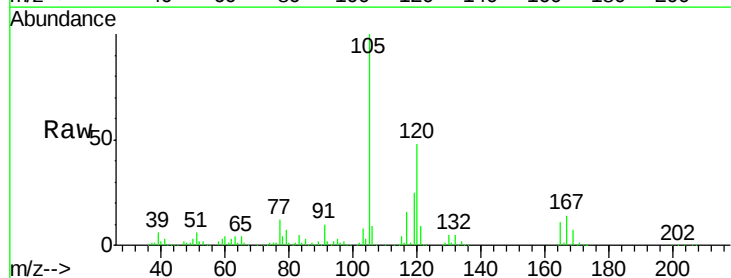
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 740733
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.9 95.5
 134 28.3 13.8 41.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.86 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion:105 Resp: 891630
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9

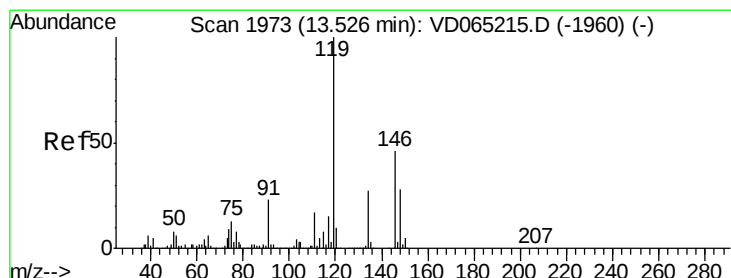
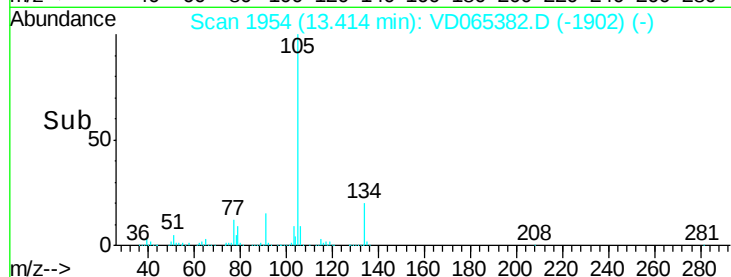
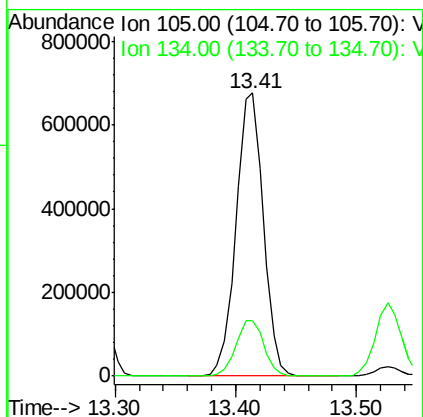
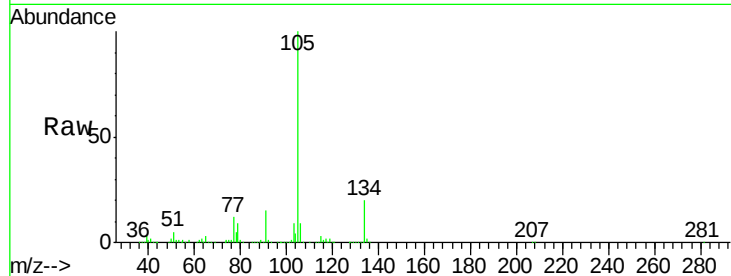




#85
 sec-Butylbenzene
 Concen: 53.31 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

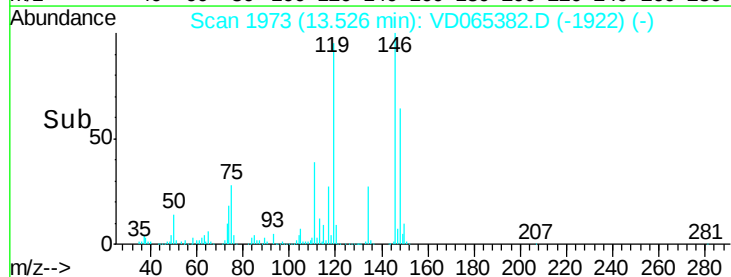
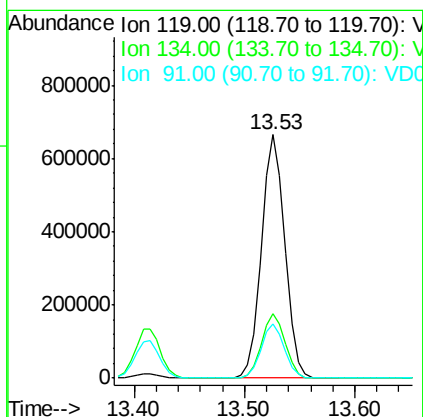
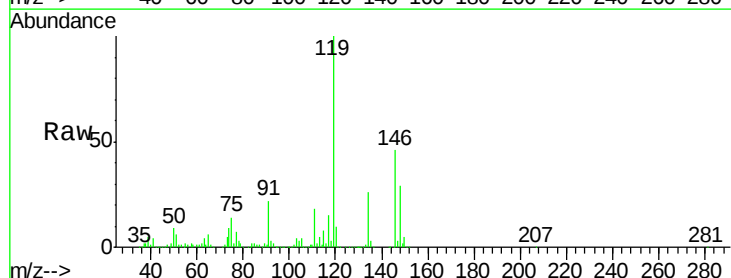
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

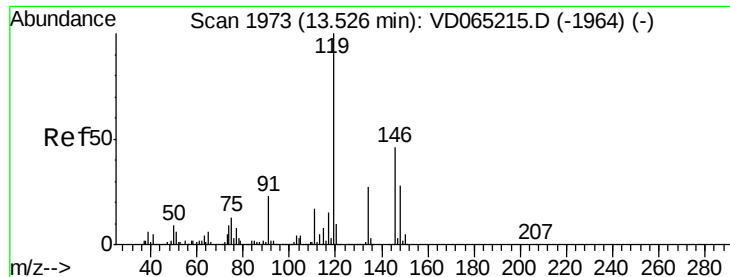
Tgt Ion:105 Resp: 1065008
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 54.06 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion:119 Resp: 987553
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.1 11.1 33.1

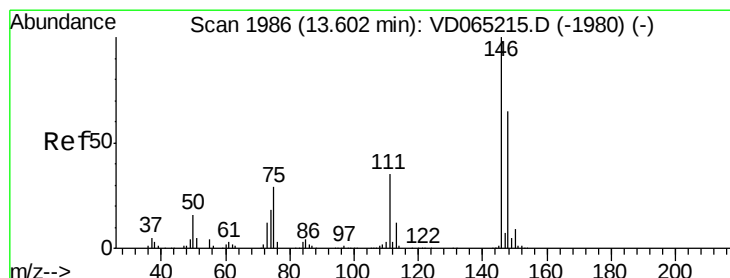
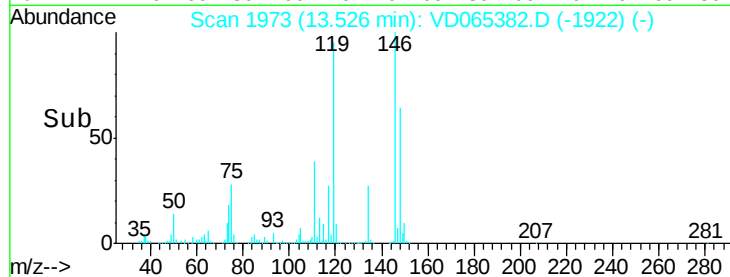
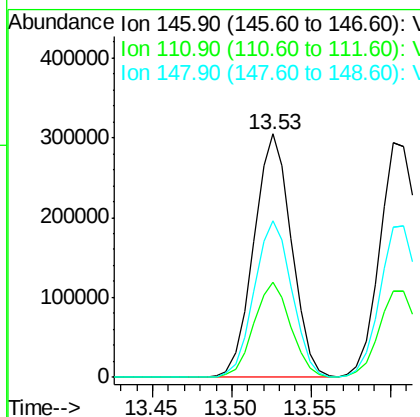
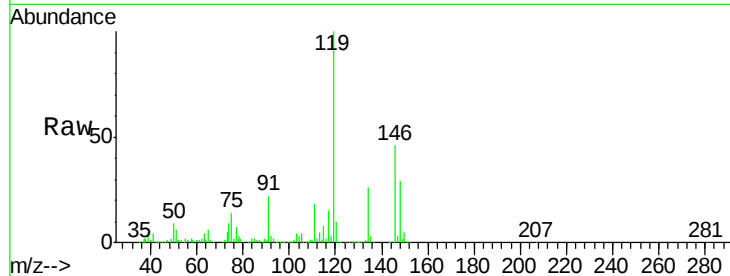




#87
 1,3-Dichlorobenzene
 Concen: 52.13 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

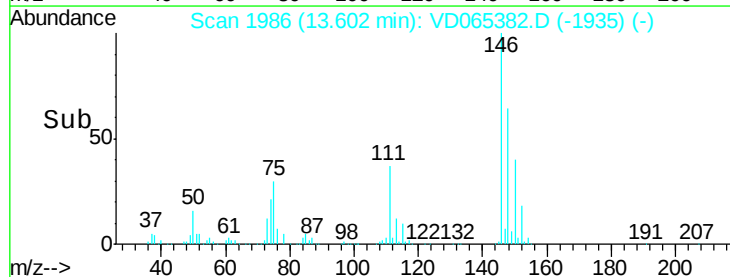
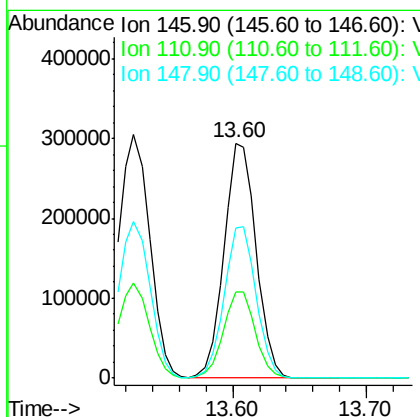
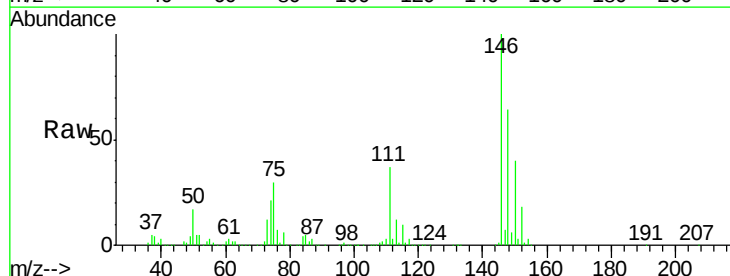
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

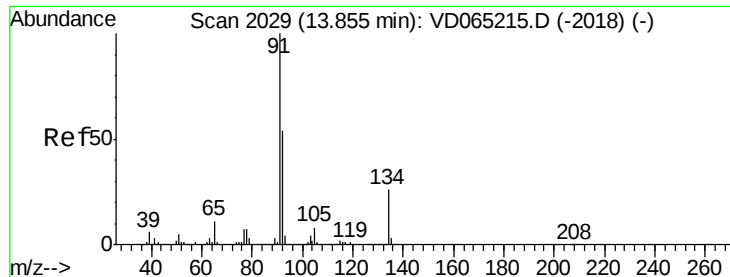
Tgt Ion:146 Resp: 502539
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.6 55.8
 148 64.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 52.00 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion:146 Resp: 494755
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.2
 148 64.3 32.1 96.5

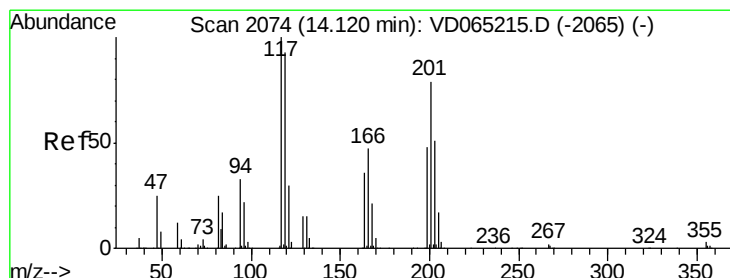
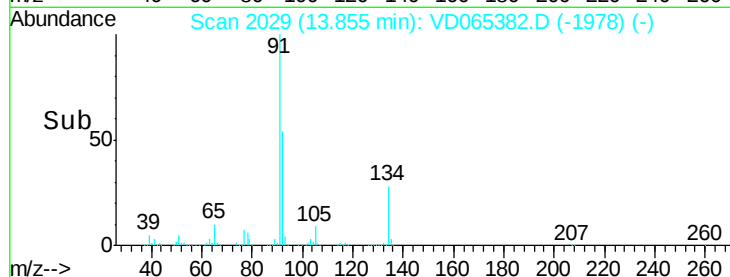
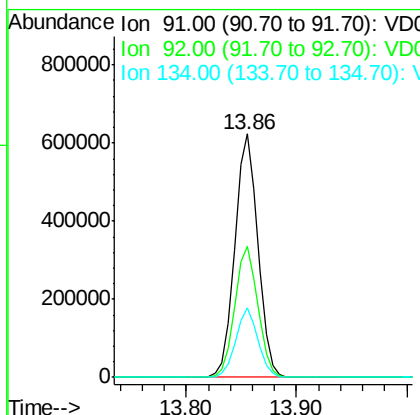
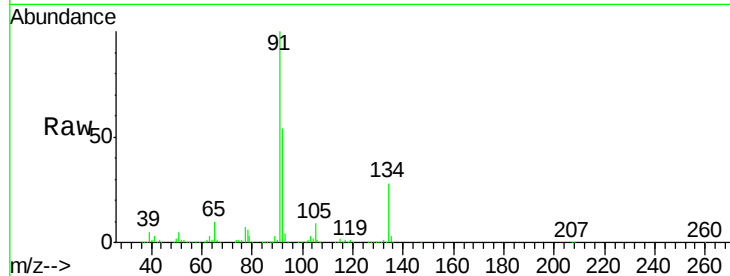




#89
n-Butylbenzene
Concen: 54.24 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

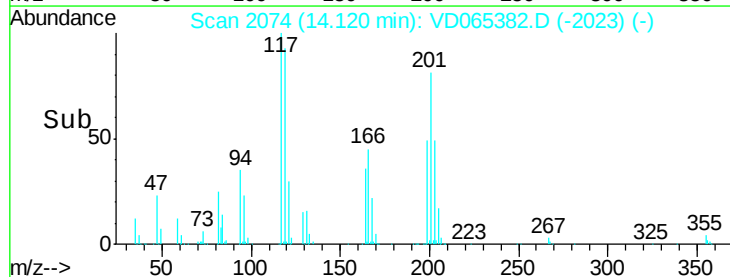
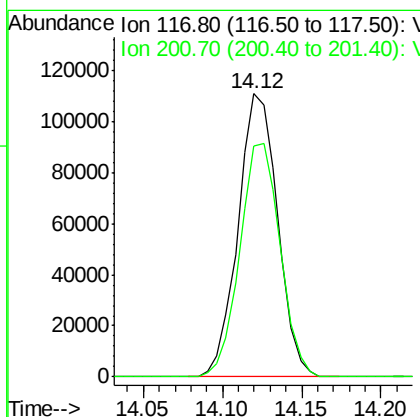
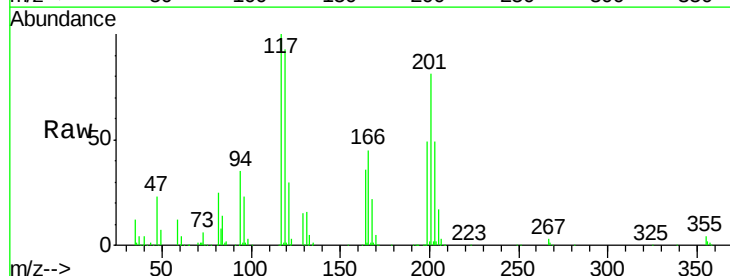
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 913039
Ion Ratio Lower Upper
91 100
92 54.0 27.0 80.8
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 51.73 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065382.D
Acq: 02 Mar 2020 16:53

Tgt Ion: 117 Resp: 191886
Ion Ratio Lower Upper
117 100
201 84.0 41.3 124.1

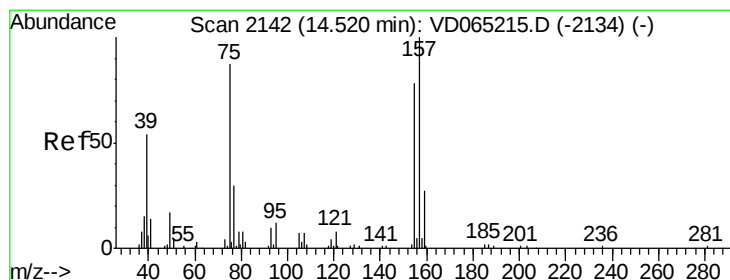
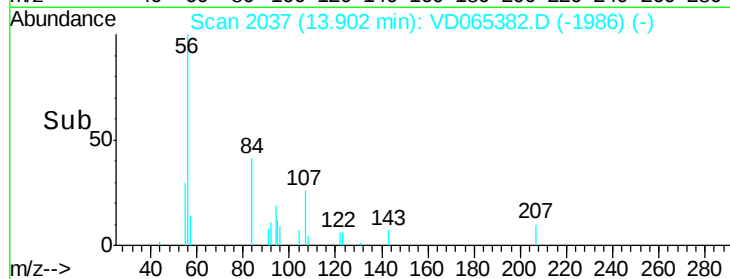
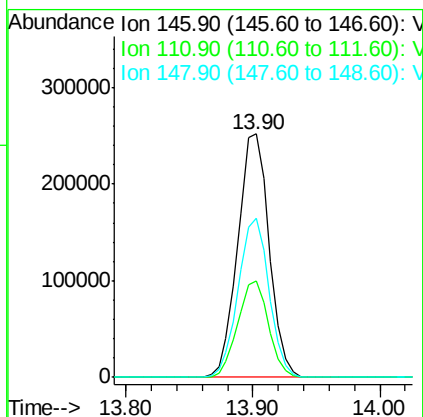
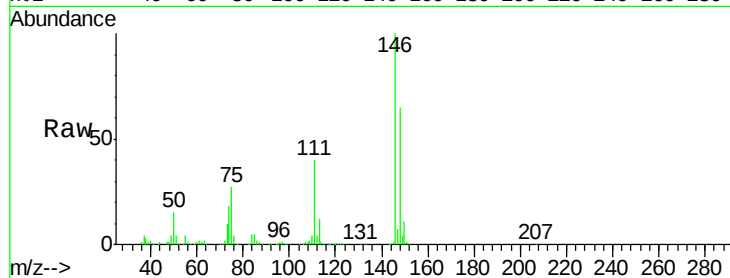




#91
 1,2-Dichlorobenzene
 Concen: 52.17 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

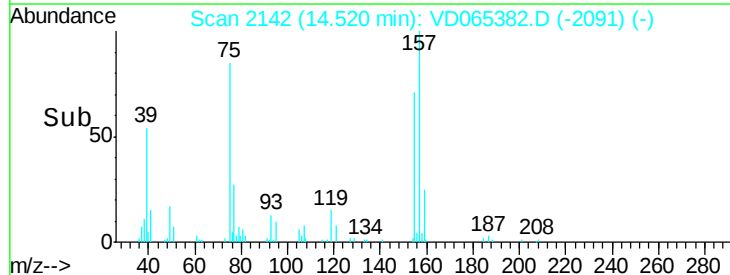
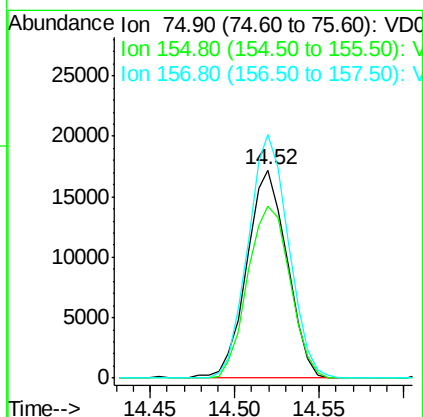
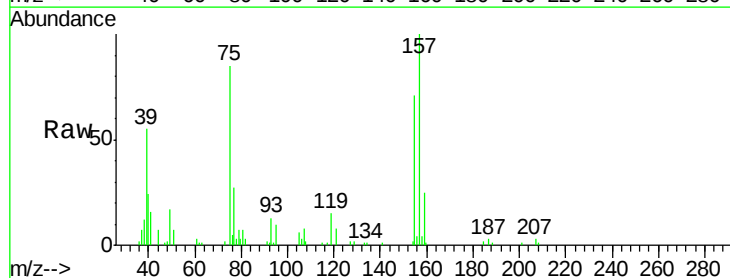
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	64.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.08 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	42.3	126.9
157	117.8	56.7	170.1

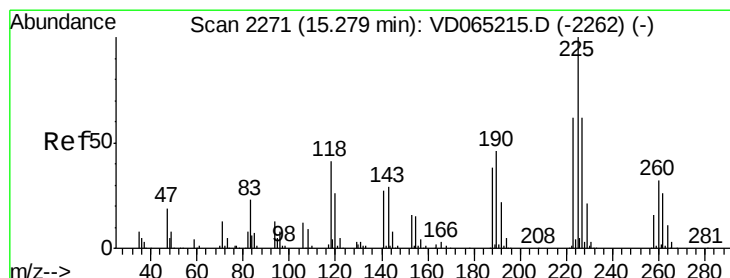
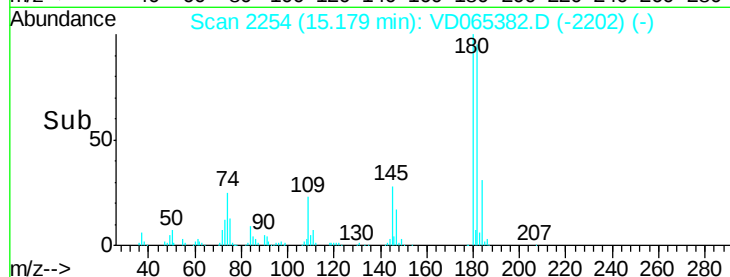
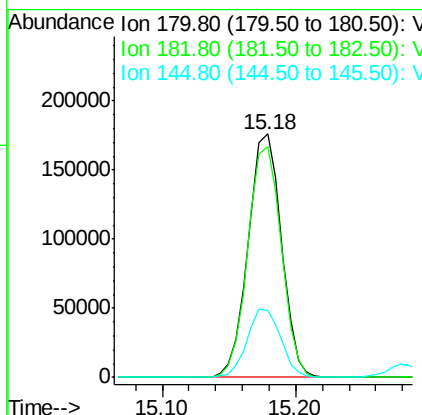
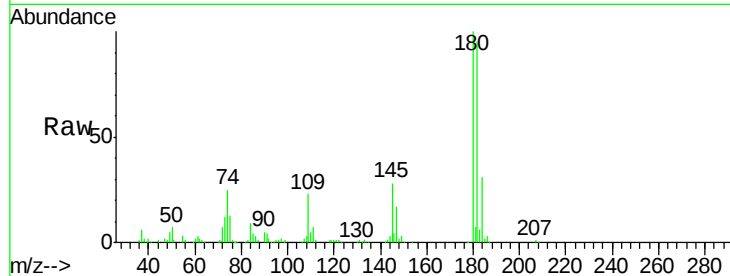




#93
 1,2,4-Trichlorobenzene
 Concen: 55.89 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

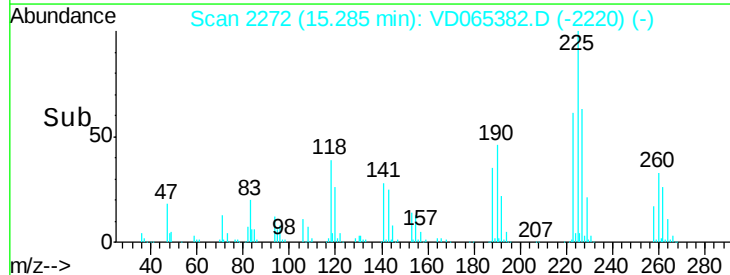
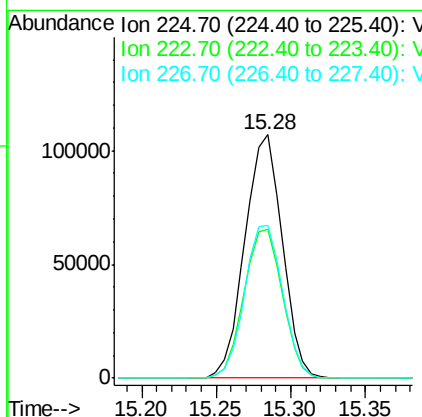
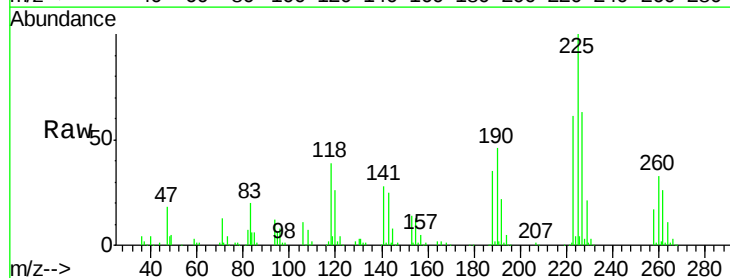
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

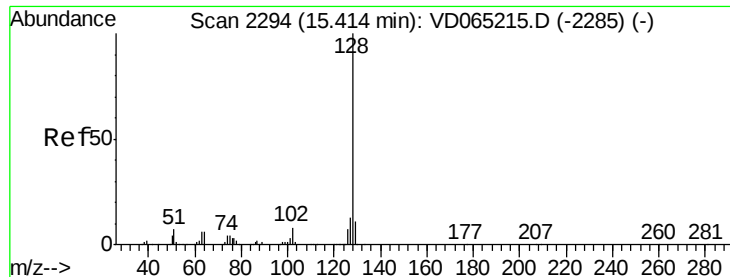
Tgt Ion:180 Resp: 302608
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.6
 145 28.4 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 53.52 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD065382.D
 Acq: 02 Mar 2020 16:53

Tgt Ion:225 Resp: 185879
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 63.8 31.7 95.1





#95

Naphthalene

Concen: 57.56 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

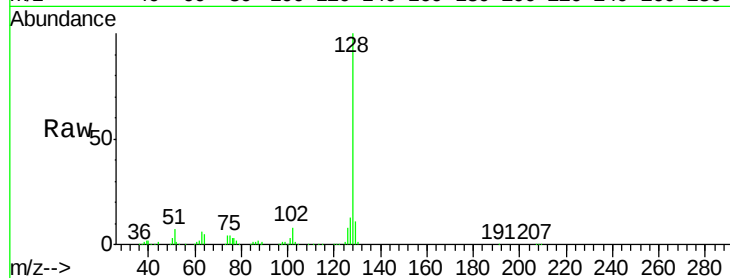
Tgt Ion:128 Resp: 506707

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

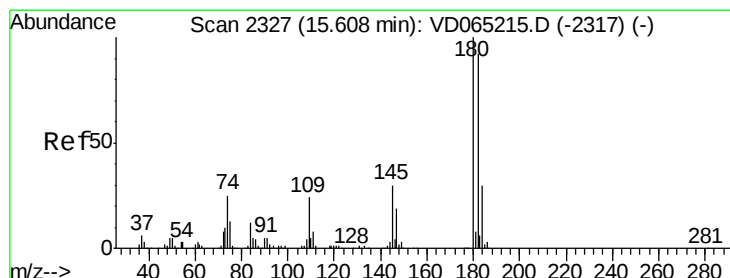
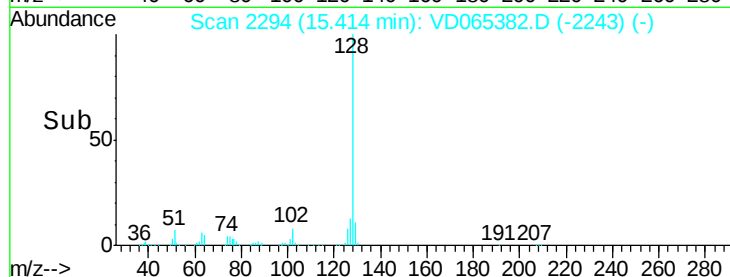
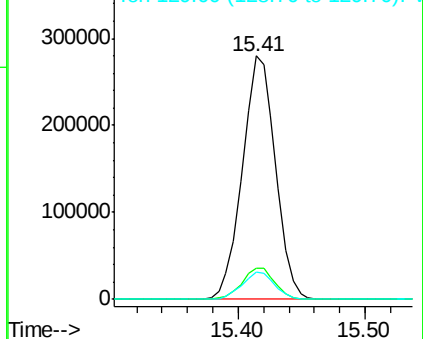
129 11.1 8.8 13.2



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: 56.01 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065382.D

Acq: 02 Mar 2020 16:53

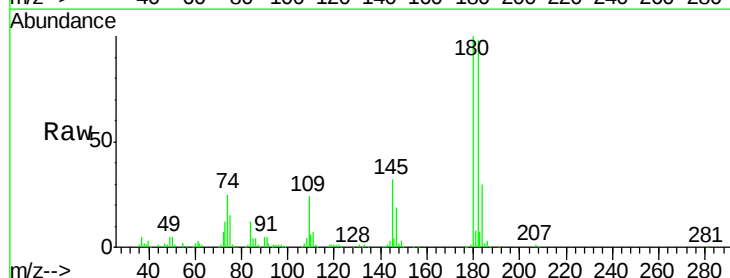
Tgt Ion:180 Resp: 264875

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.6

145 30.6 15.4 46.1



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

