

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
 Data File : VD065351.D
 Acq On : 28 Feb 2020 09:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 15:33:57 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	7.99	168	490242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	704095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	635628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	314437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	193606	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
35) Dibromofluoromethane	7.92	113	209771	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.34	98	827282	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.64	95	262446	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	200758	48.82	ug/l	100
3) Chloromethane	2.21	50	238030	45.48	ug/l	100
4) Vinyl Chloride	2.36	62	241356	45.35	ug/l	98
5) Bromomethane	2.77	94	141853	44.08	ug/l	99
6) Chloroethane	2.93	64	147208	45.32	ug/l	96
7) Trichlorofluoromethane	3.27	101	366173	48.06	ug/l	100
8) Diethyl Ether	3.71	74	104518	45.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	234960	48.83	ug/l	99
10) Methyl Iodide	4.30	142	250794	50.20	ug/l	99
11) Tert butyl alcohol	5.25	59	53780	204.07	ug/l	97
12) 1,1-Dichloroethene	4.06	96	218315	48.03	ug/l	100
13) Acrolein	3.93	56	63541	189.79	ug/l	99
14) Allyl chloride	4.71	41	347119	47.03	ug/l	98
15) Acrylonitrile	5.43	53	221879	217.90	ug/l	99
16) Acetone	4.17	43	264681	245.51	ug/l	98
17) Carbon Disulfide	4.41	76	703365	46.16	ug/l	98
18) Methyl Acetate	4.73	43	101048	41.67	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	434206	45.81	ug/l	97
20) Methylene Chloride	4.96	84	242031	50.47	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	249418	48.27	ug/l	99
22) Diisopropyl ether	6.37	45	686293	48.23	ug/l	99
23) Vinyl Acetate	6.31	43	1829851	233.27	ug/l	99
24) 1,1-Dichloroethane	6.26	63	421909	47.80	ug/l	98
25) 2-Butanone	7.22	43	307178	225.20	ug/l	99
26) 2,2-Dichloropropane	7.21	77	373089	48.72	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	264540	48.33	ug/l	98
28) Bromochloromethane	7.55	49	156162	47.69	ug/l	99
29) Tetrahydrofuran	7.57	42	172389	215.70	ug/l	98
30) Chloroform	7.71	83	423620	47.64	ug/l	97
31) Cyclohexane	7.99	56	404221	46.61	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	382465	48.08	ug/l	100
36) 1,1-Dichloropropene	8.11	75	346669	50.60	ug/l	99
37) Ethyl Acetate	7.30	43	122814	42.88	ug/l	98
38) Carbon Tetrachloride	8.10	117	357488	51.26	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	418158	51.92	ug/l	98
40) Benzene	8.35	78	975563	50.45	ug/l	100
41) Methacrylonitrile	7.53	41	62006	37.50	ug/l	88
42) 1,2-Dichloroethane	8.43	62	247272	46.51	ug/l	99
43) Isopropyl Acetate	8.46	43	229487	44.06	ug/l	98
44) Trichloroethene	9.11	130	268364	50.07	ug/l	96
45) 1,2-Dichloropropane	9.39	63	238813	49.67	ug/l	99
46) Dibromomethane	9.48	93	117860	47.64	ug/l	98
47) Bromodichloromethane	9.67	83	317811	48.75	ug/l	98
48) Methyl methacrylate	9.46	41	114773	47.68	ug/l	97
49) 1,4-Dioxane	9.47	88	25575	881.40	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	606054	229.11	ug/l	99
52) Toluene	10.41	92	623641	52.10	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	294664	48.76	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	362921	49.73	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	165062	47.40	ug/l	96
56) Ethyl methacrylate	10.67	69	194410	48.37	ug/l	97
57) 1,3-Dichloropropane	10.95	76	287628	48.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	298724	235.75	ug/l	99
59) 2-Hexanone	10.99	43	473707	250.17	ug/l	98
60) Dibromochloromethane	11.14	129	214822	48.20	ug/l	99
61) 1,2-Dibromoethane	11.25	107	159080	48.25	ug/l	98
64) Tetrachloroethene	10.88	164	228680	50.73	ug/l	97
65) Chlorobenzene	11.68	112	644779	50.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	243500	51.16	ug/l	97
67) Ethyl Benzene	11.75	91	1173883	52.55	ug/l	100
68) m/p-Xylenes	11.86	106	901405	105.46	ug/l	99
69) o-Xylene	12.19	106	403390	53.27	ug/l	98
70) Styrene	12.20	104	708039	52.67	ug/l	100
71) Bromoform	12.37	173	125960	47.69	ug/l #	99
73) Isopropylbenzene	12.48	105	1121451	53.87	ug/l	100
74) N-amyl acetate	12.30	43	204901	44.30	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	171155	45.56	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	225484	84.28	ug/l #	100
77) Bromobenzene	12.77	156	261796	50.64	ug/l	98
78) n-propylbenzene	12.83	91	1333981	53.32	ug/l	99
79) 2-Chlorotoluene	12.91	91	722327	51.54	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	917284	53.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	55108	44.48	ug/l	95
82) 4-Chlorotoluene	13.01	91	761815	51.20	ug/l	100
83) tert-Butylbenzene	13.23	119	795325	55.35	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	910357	53.05	ug/l	99
85) sec-Butylbenzene	13.41	105	1114542	53.83	ug/l	99
86) p-Isopropyltoluene	13.53	119	1025070	54.13	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	504027	50.44	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	489225	49.60	ug/l	100
89) n-Butylbenzene	13.86	91	949022	54.39	ug/l	99
90) Hexachloroethane	14.13	117	195245	50.78	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	424241	49.44	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	24833	42.89	ug/l	94

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

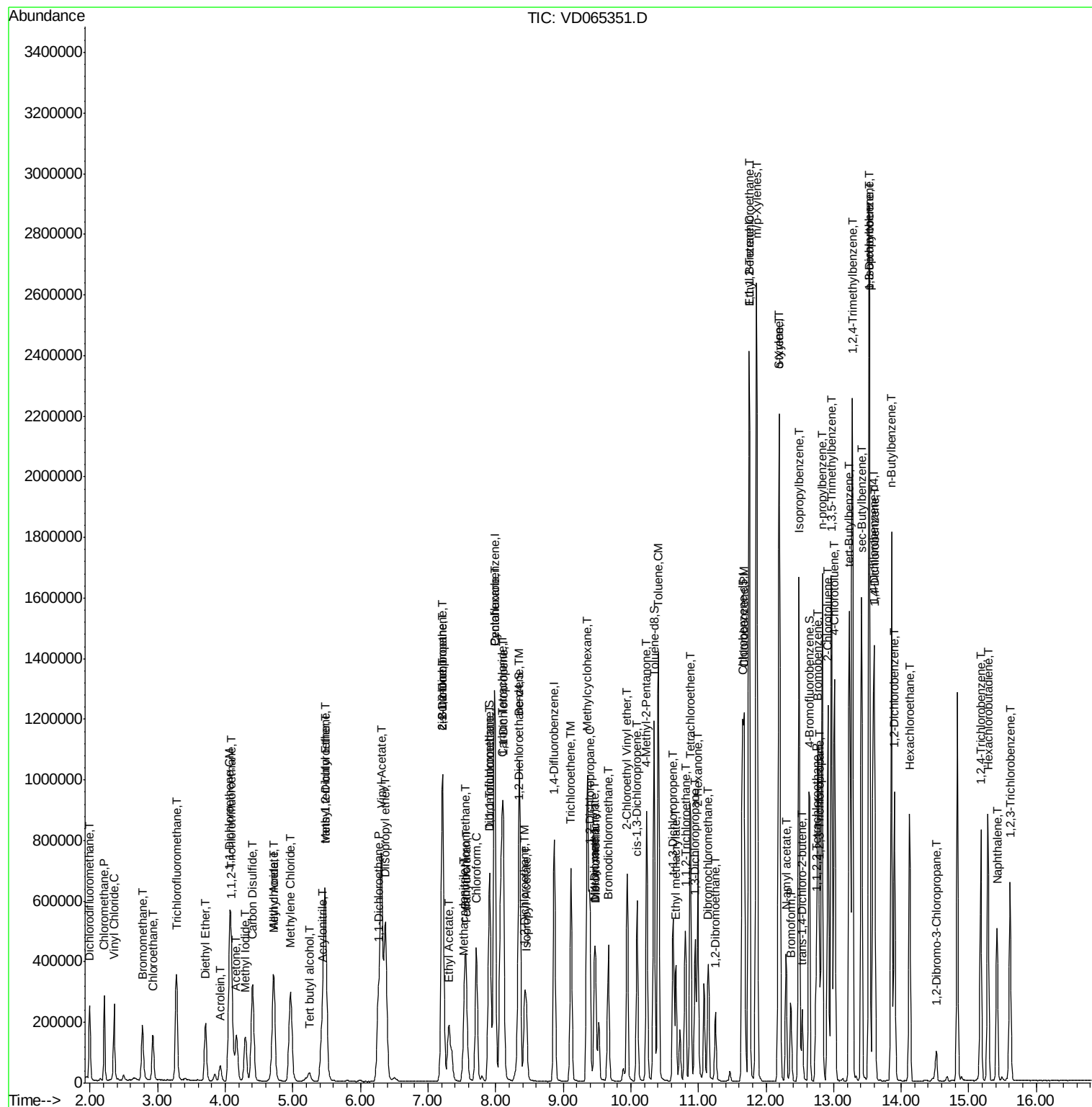
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	287801	51.28	ug/l	99
94) Hexachlorobutadiene	15.28	225	187670	52.12	ug/l	99
95) Naphthalene	15.42	128	456116	49.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	248466	50.69	ug/l	99

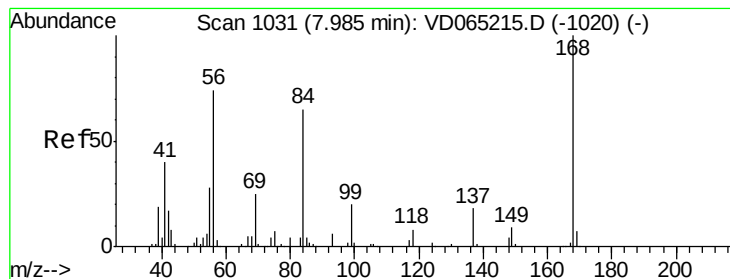
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

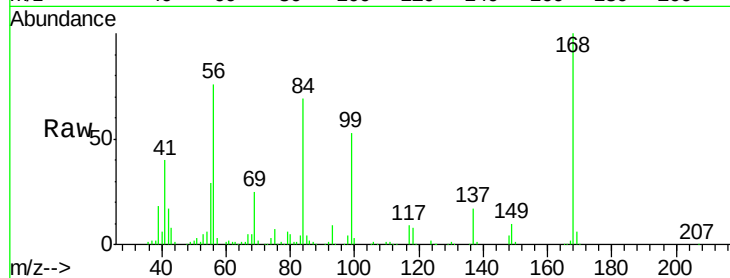
VSTDCCC050

Tgt Ion:168 Resp: 490242

Ion Ratio Lower Upper

168 100

99 52.6 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

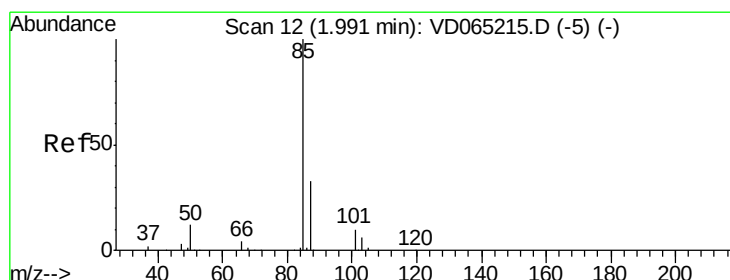
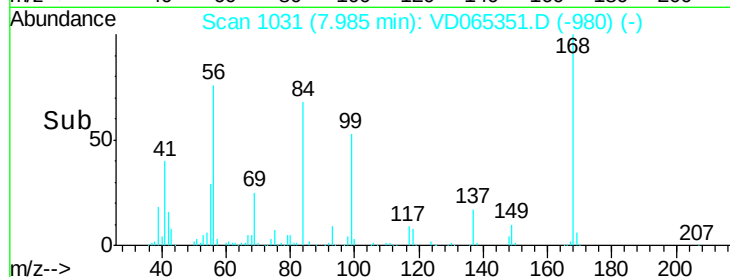
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.82 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065351.D

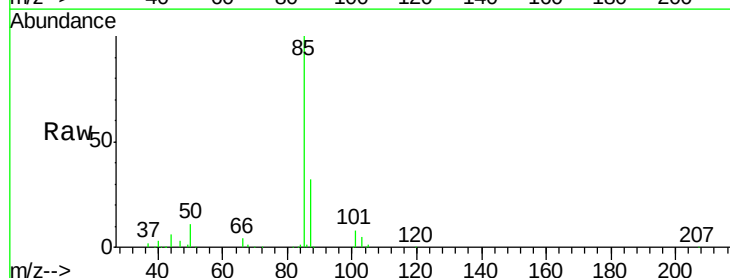
Acq: 28 Feb 2020 09:55

Tgt Ion: 85 Resp: 200758

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

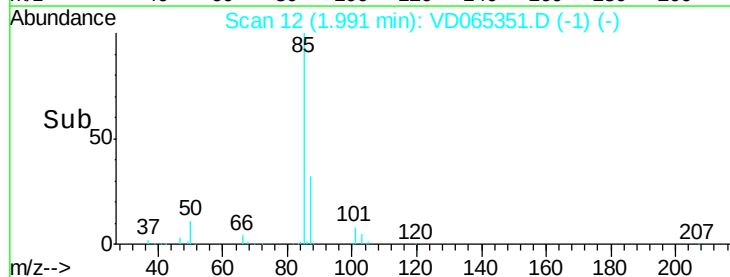
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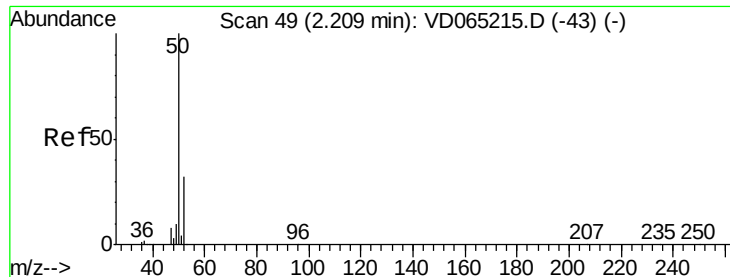
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.48 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

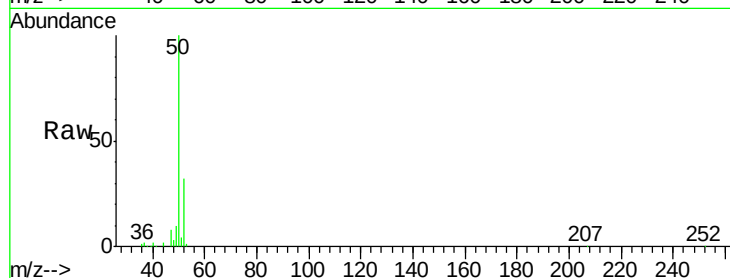
VSTDCCC050

Tgt Ion: 50 Resp: 238030

Ion Ratio Lower Upper

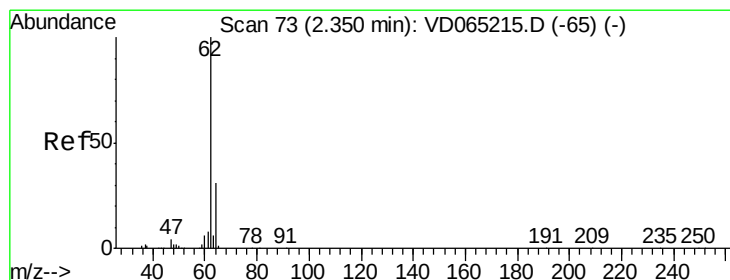
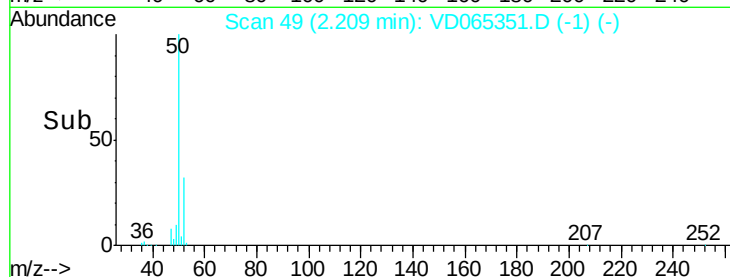
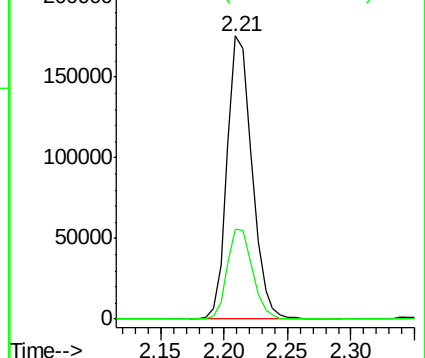
50 100

52 31.7 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: 45.35 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065351.D

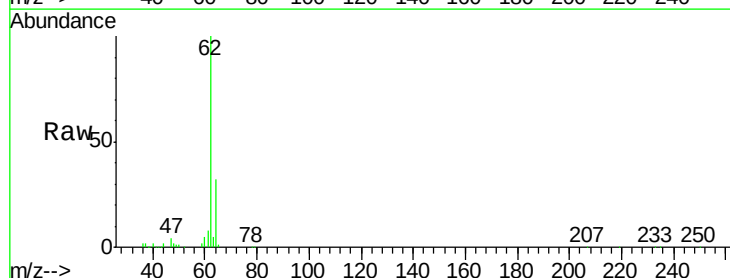
Acq: 28 Feb 2020 09:55

Tgt Ion: 62 Resp: 241356

Ion Ratio Lower Upper

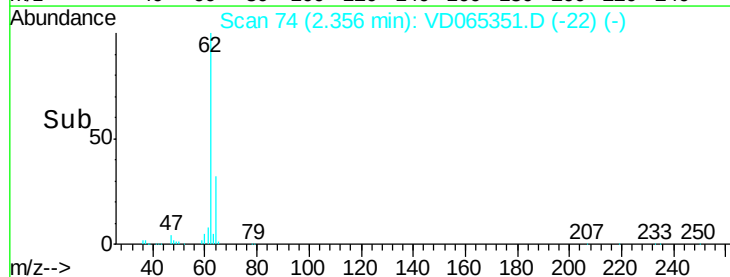
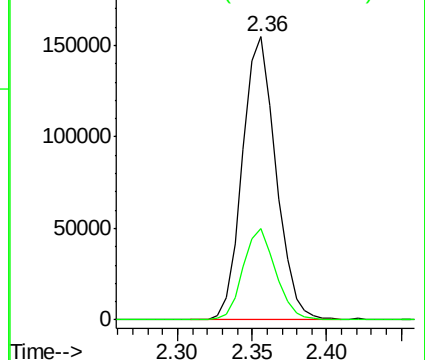
62 100

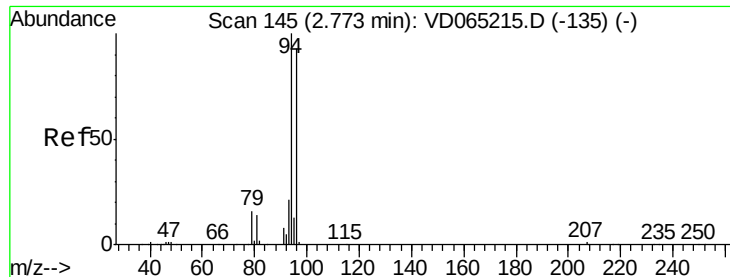
64 32.2 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.08 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

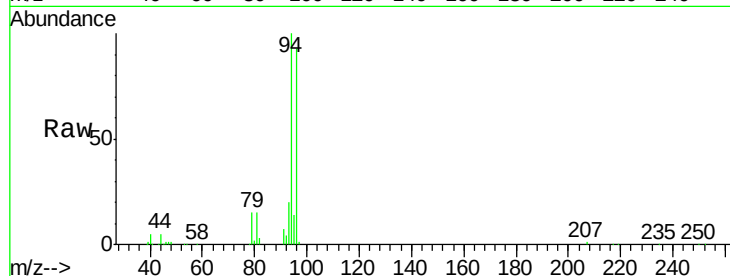
VSTDCCC050

Tgt Ion: 94 Resp: 141853

Ion Ratio Lower Upper

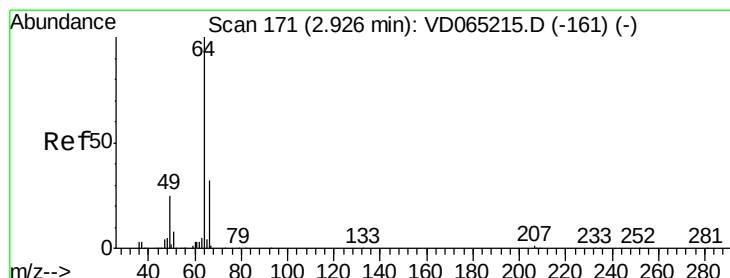
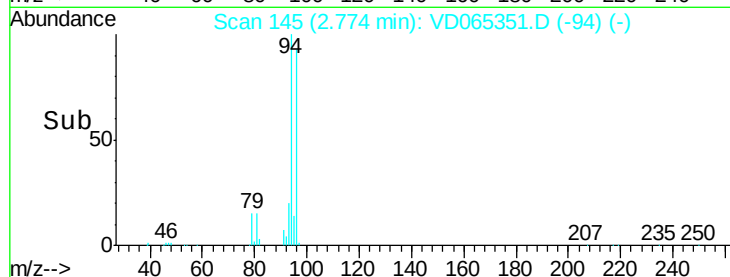
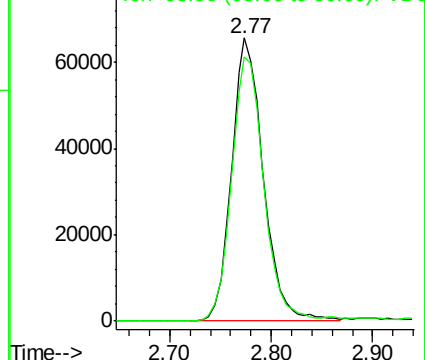
94 100

96 93.4 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: 45.32 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065351.D

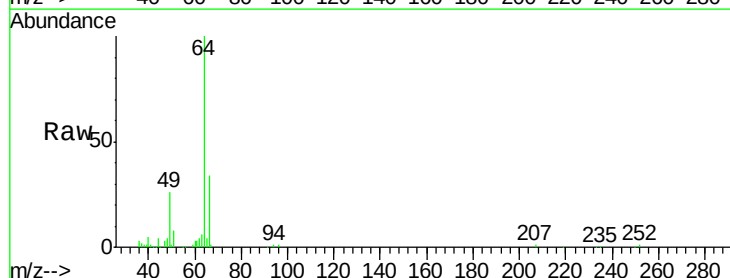
Acq: 28 Feb 2020 09:55

Tgt Ion: 64 Resp: 147208

Ion Ratio Lower Upper

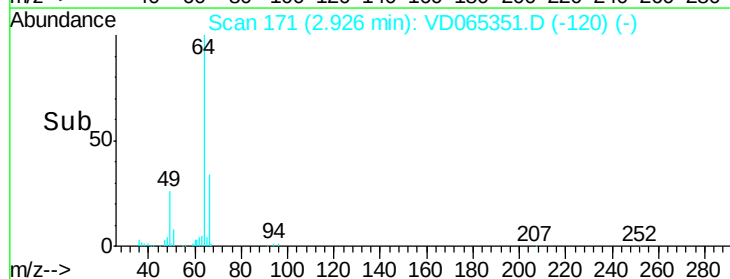
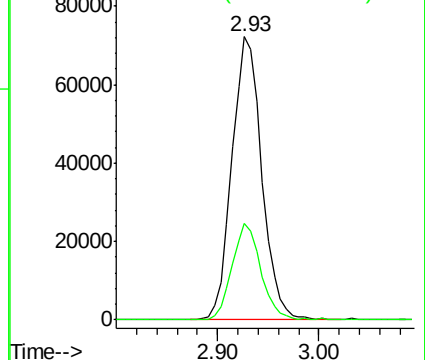
64 100

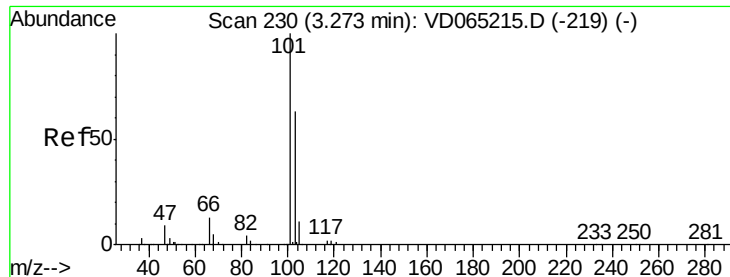
66 34.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



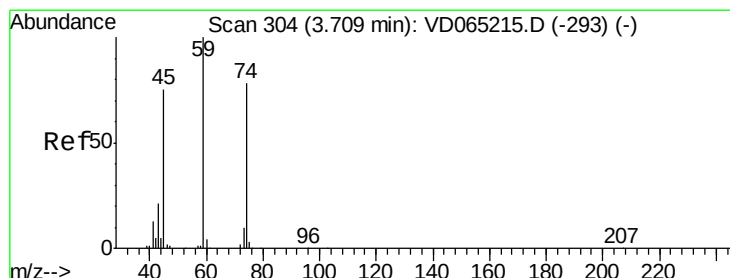
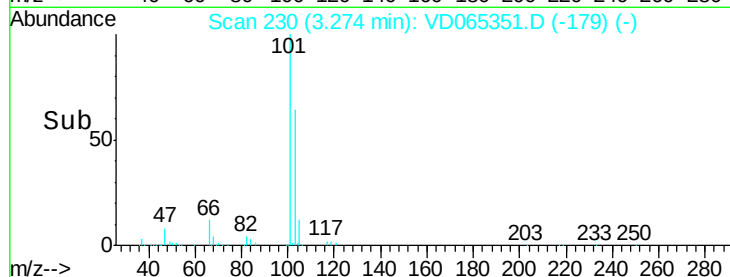
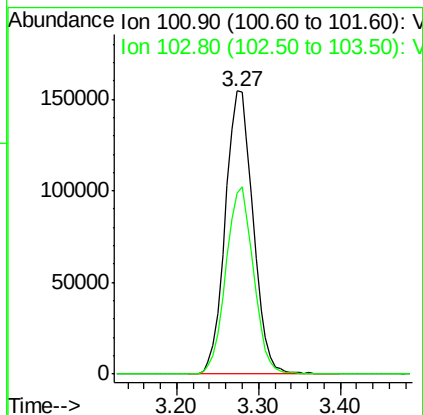
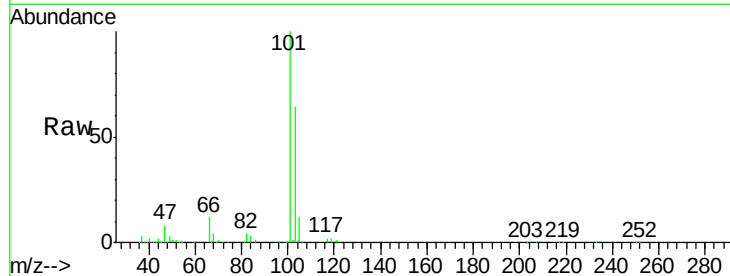


#7

Trichlorofluoromethane
 Concen: 48.06 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

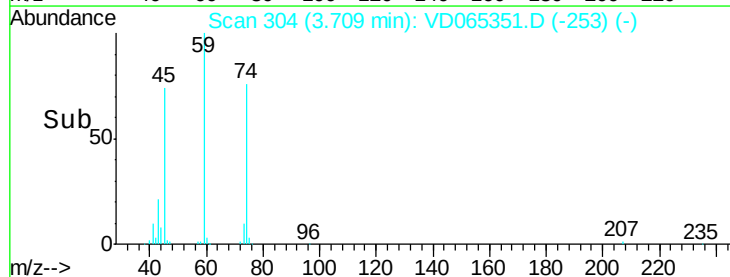
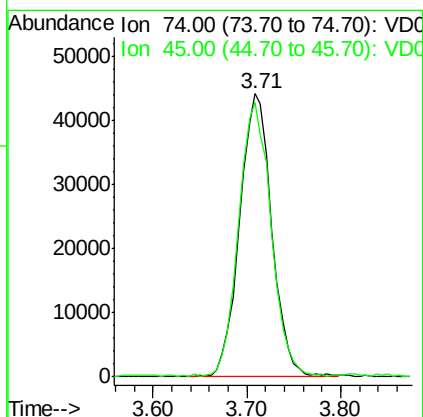
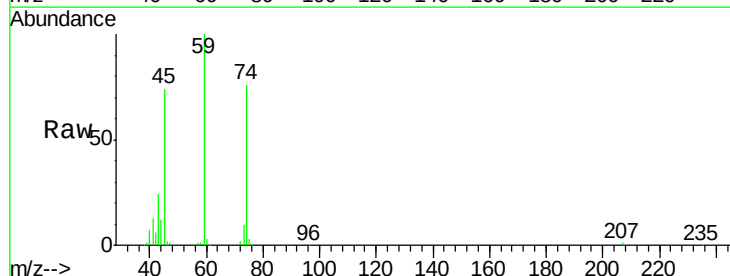
Tgt Ion:101 Resp: 366173
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1

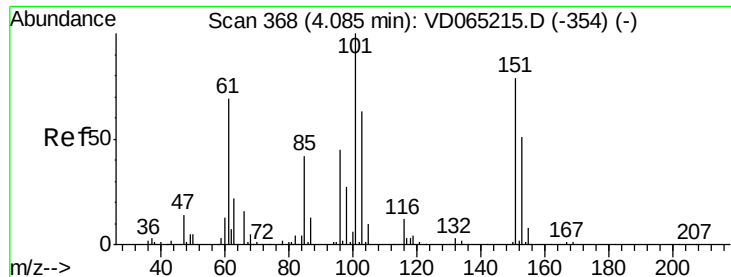


#8

Diethyl Ether
 Concen: 45.44 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 74 Resp: 104518
 Ion Ratio Lower Upper
 74 100
 45 98.9 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.83 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

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VSTDCCC050

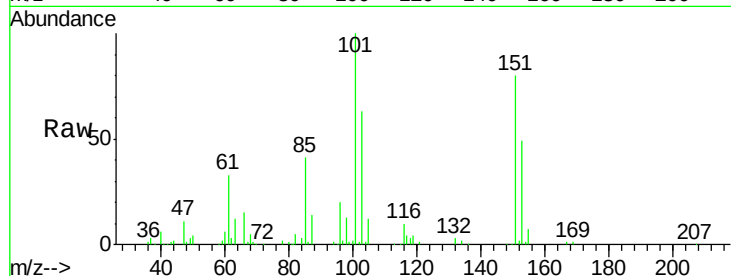
Tgt Ion:101 Resp: 234960

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

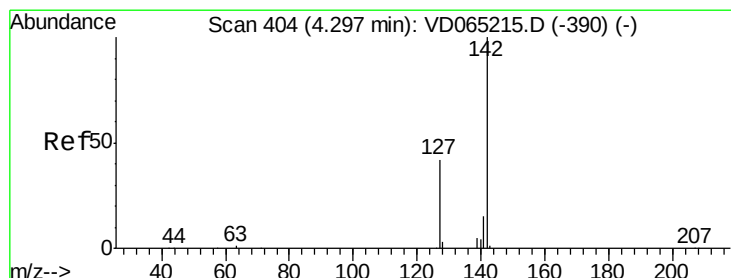
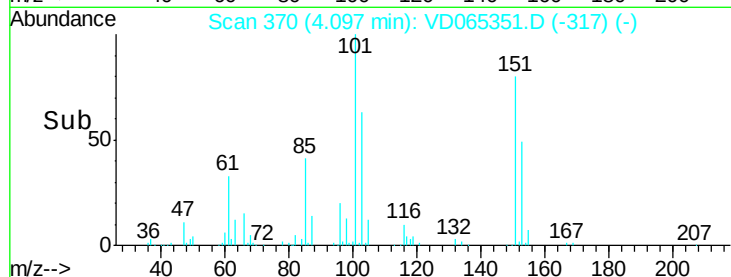
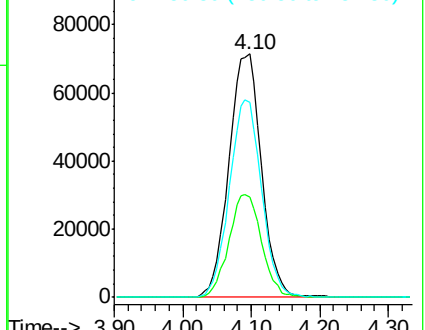
151 80.2 63.5 95.3



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: 50.20 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

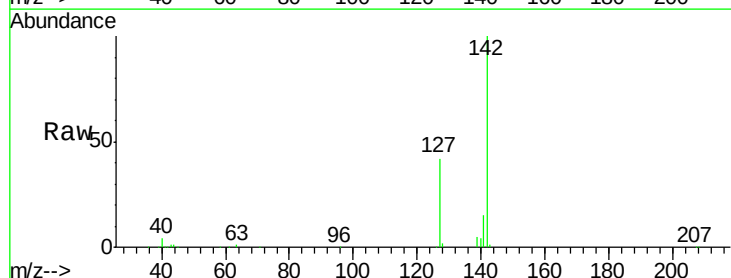
Tgt Ion:142 Resp: 250794

Ion Ratio Lower Upper

142 100

127 43.2 33.8 50.8

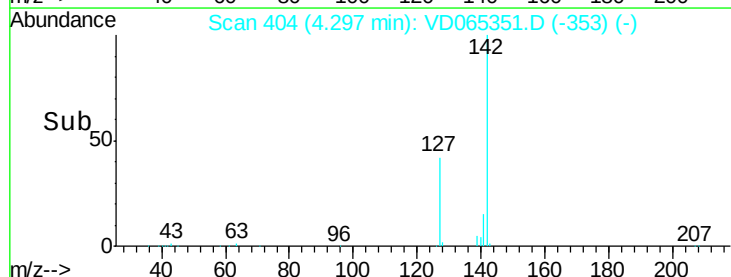
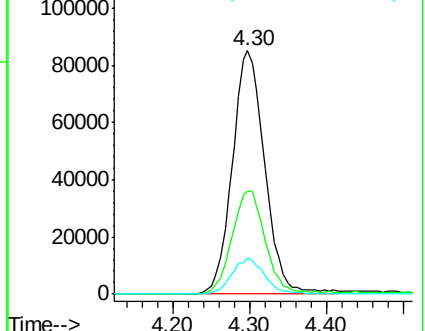
141 14.7 11.7 17.5

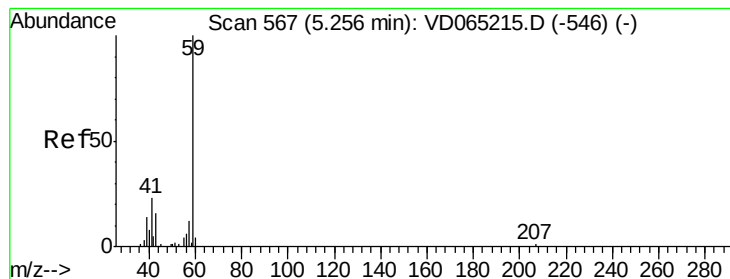


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



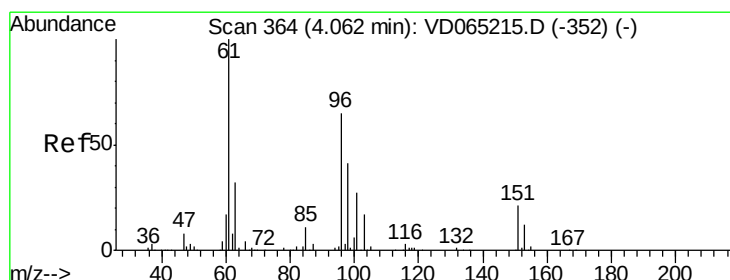
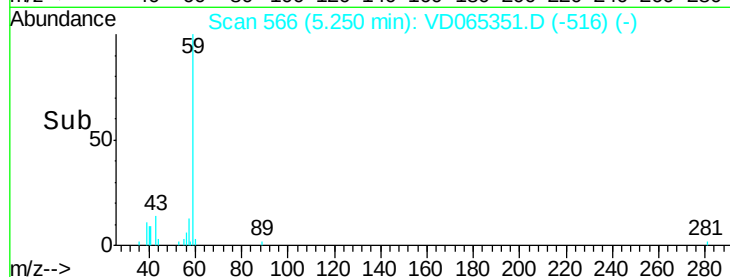
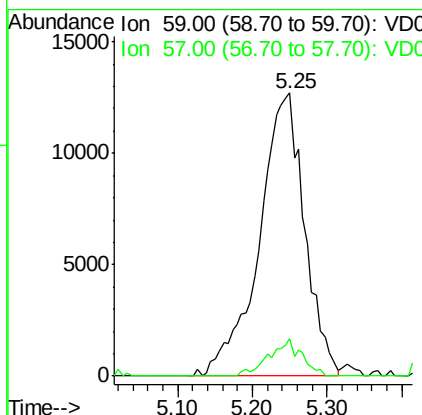
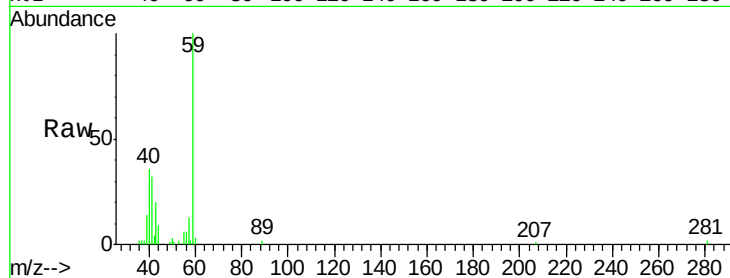


#11

Tert butyl alcohol
 Concen: 204.07 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

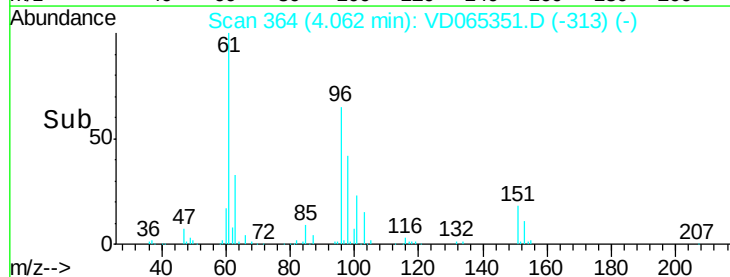
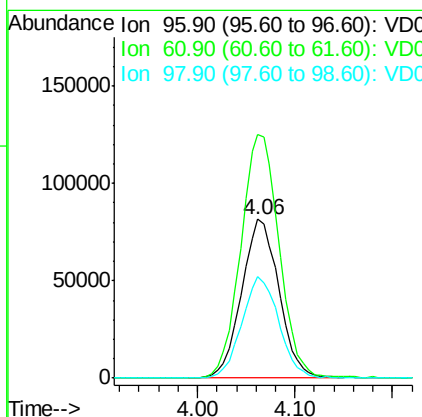
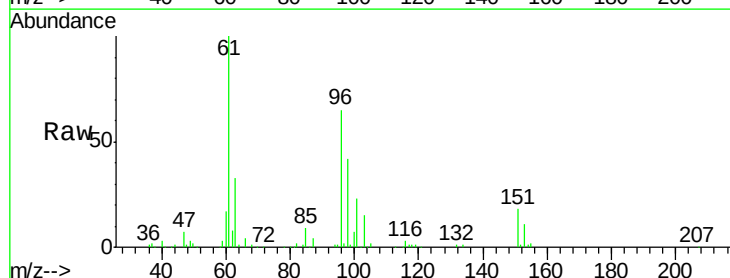
Tgt Ion: 59 Resp: 53780
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.4 12.6

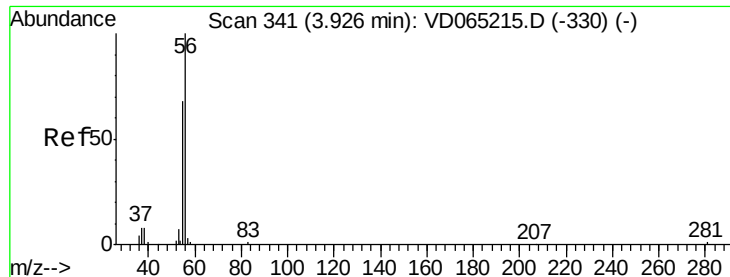


#12

1,1-Dichloroethene
 Concen: 48.03 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 96 Resp: 218315
 Ion Ratio Lower Upper
 96 100
 61 153.5 123.3 184.9
 98 63.9 51.0 76.4





#13

Acrolein

Concen: 189.79 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

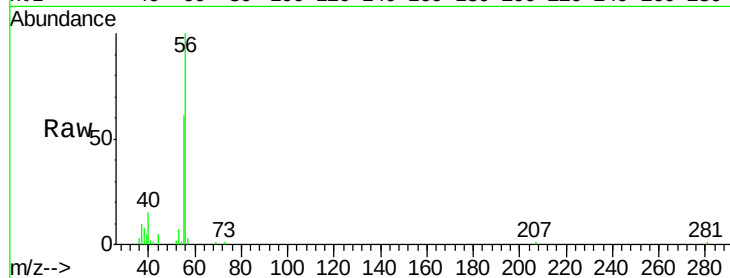
VSTDCCC050

Tgt Ion: 56 Resp: 63541

Ion Ratio Lower Upper

56 100

55 69.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

25000

20000

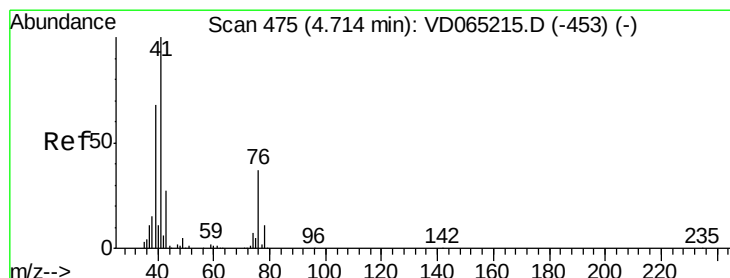
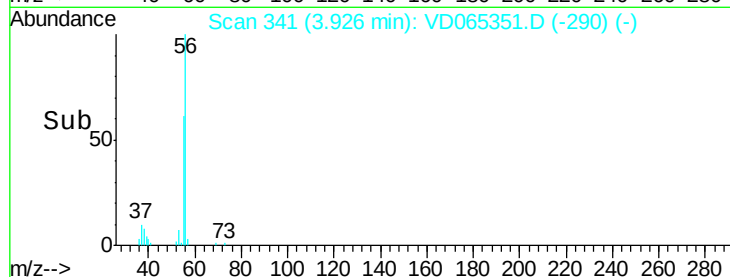
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 47.03 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

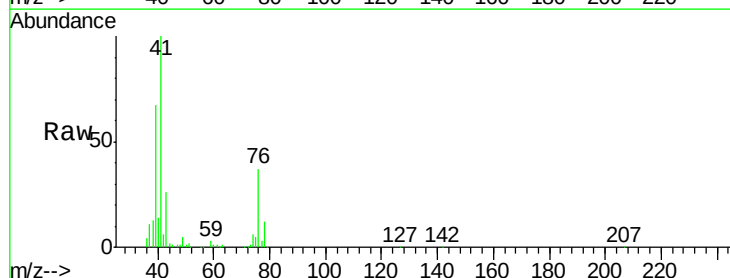
Tgt Ion: 41 Resp: 347119

Ion Ratio Lower Upper

41 100

39 65.3 53.8 80.6

76 36.9 28.7 43.1



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

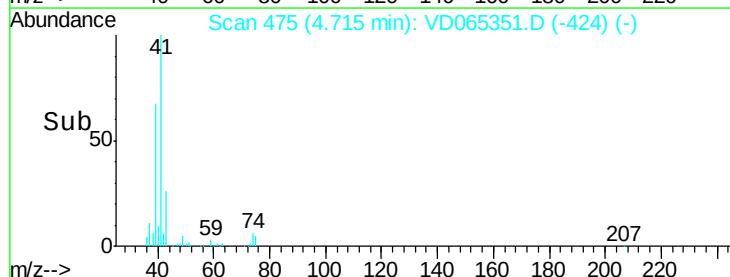
150000

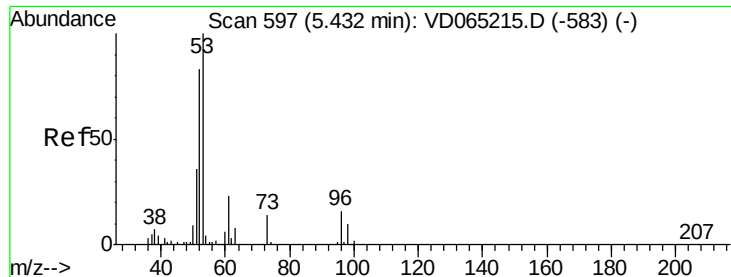
100000

50000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 217.90 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

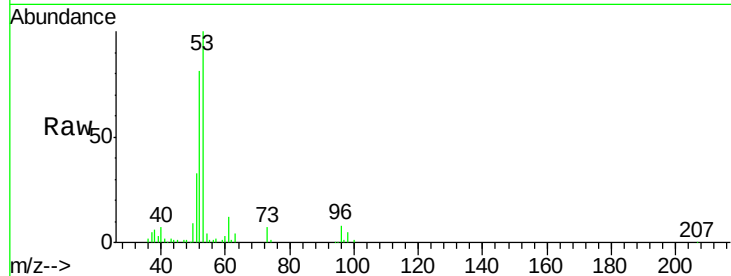
Tgt Ion: 53 Resp: 221879

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.2

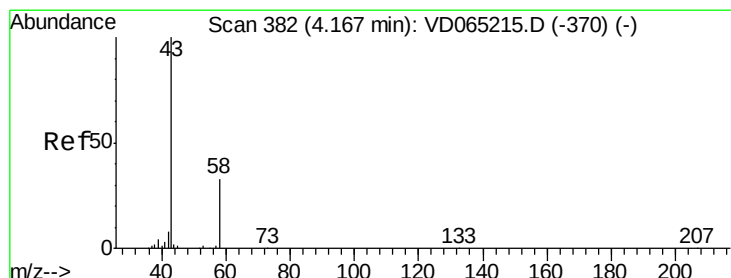
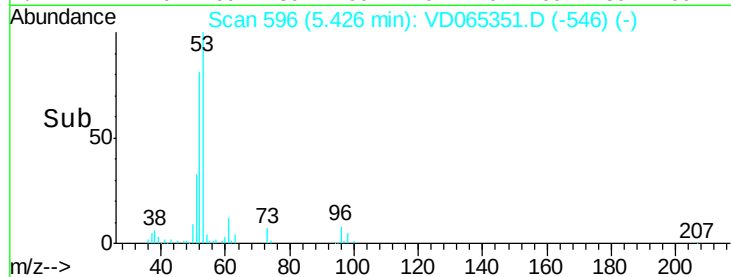
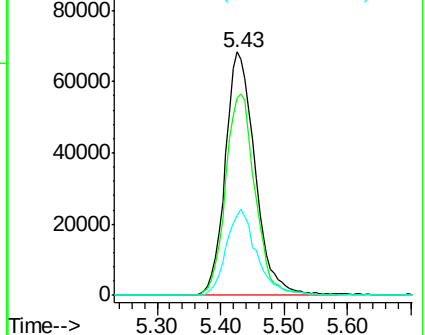
51 35.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 245.51 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065351.D

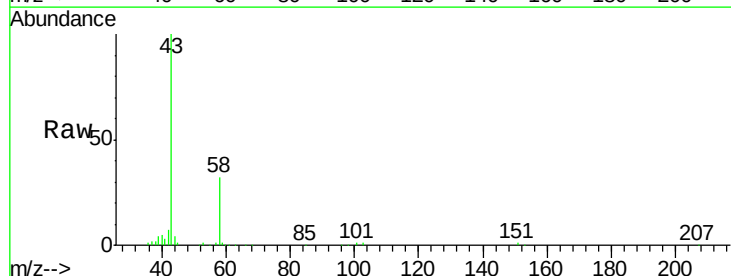
Acq: 28 Feb 2020 09:55

Tgt Ion: 43 Resp: 264681

Ion Ratio Lower Upper

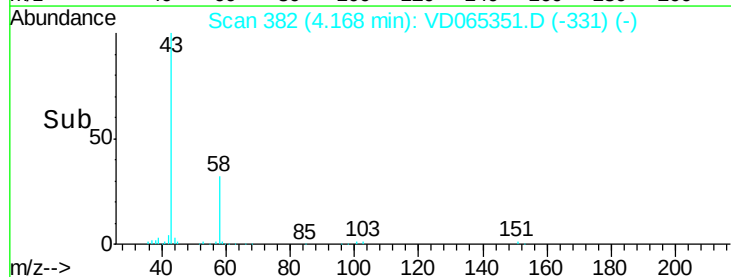
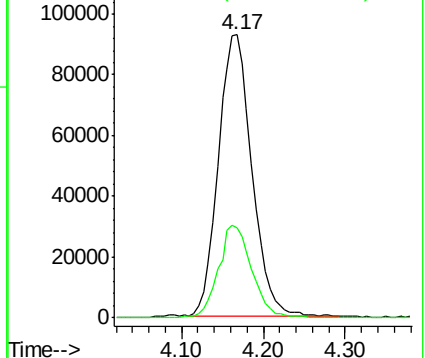
43 100

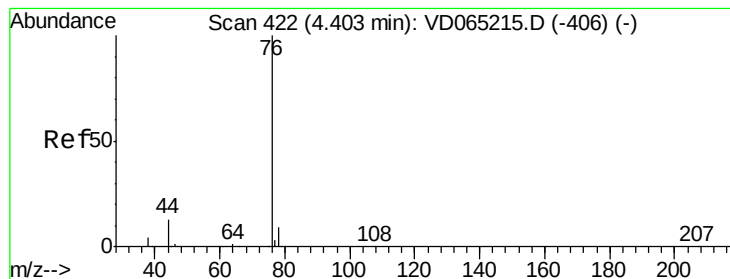
58 31.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 46.16 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

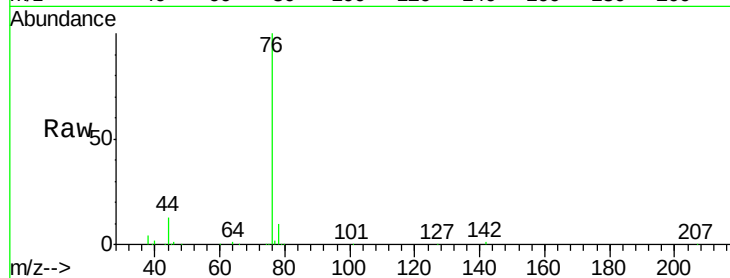
VSTDCCC050

Tgt Ion: 76 Resp: 703365

Ion Ratio Lower Upper

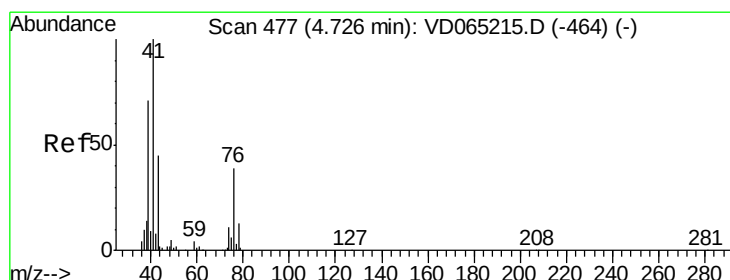
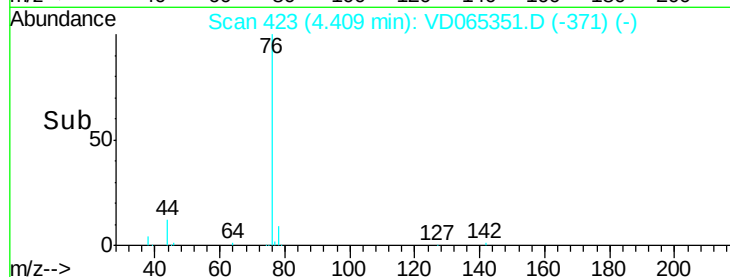
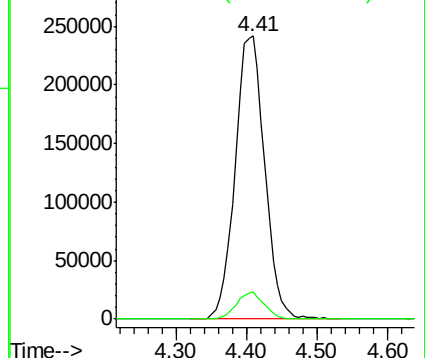
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 41.67 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065351.D

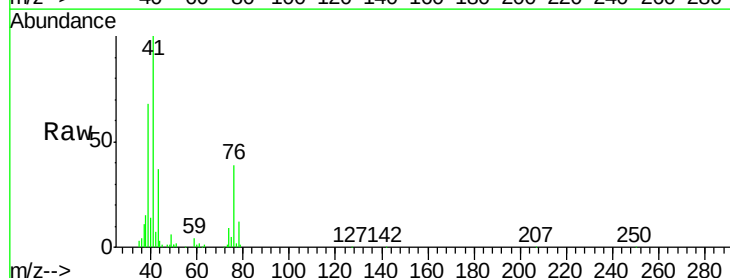
Acq: 28 Feb 2020 09:55

Tgt Ion: 43 Resp: 101048

Ion Ratio Lower Upper

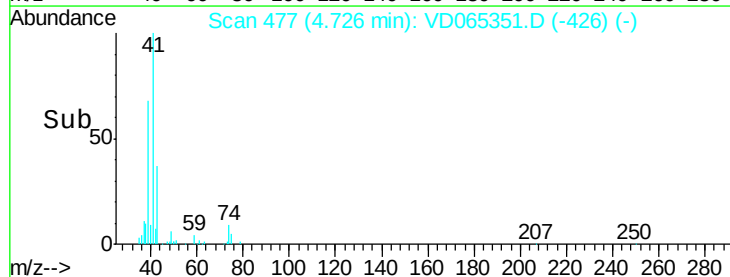
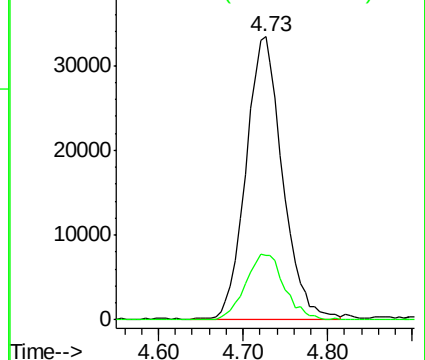
43 100

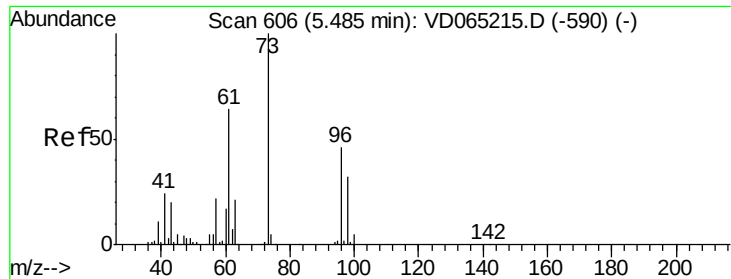
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

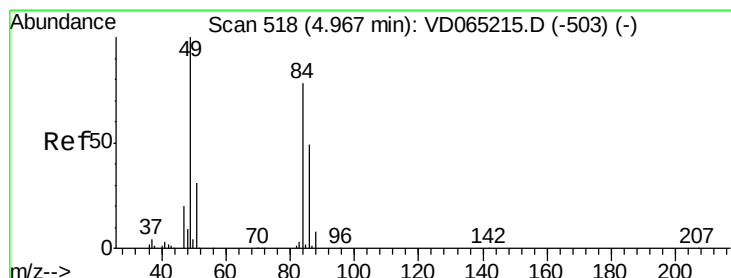
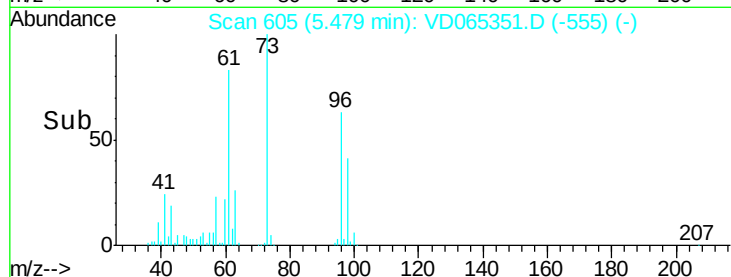
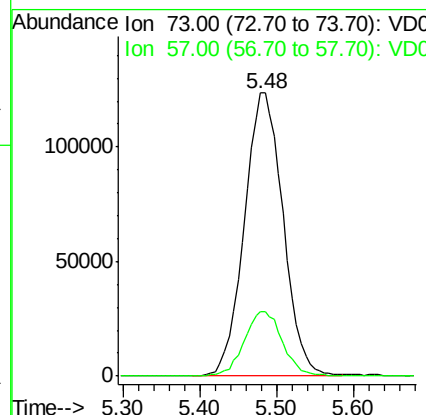
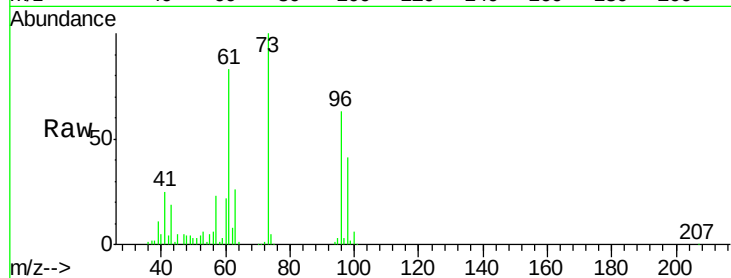




#19
Methyl tert-butyl Ether
Concen: 45.81 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

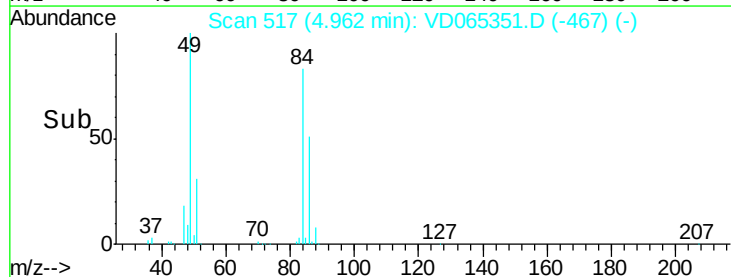
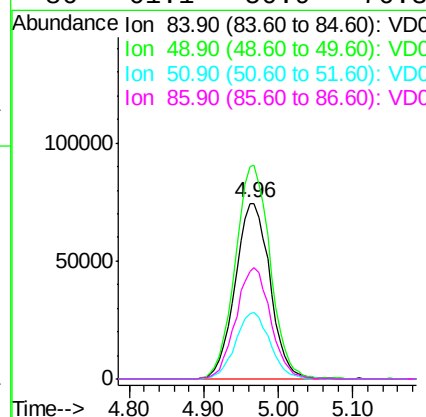
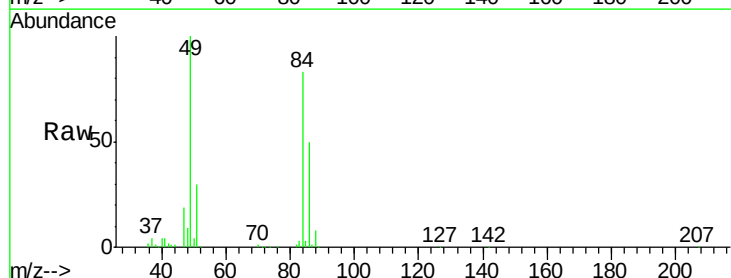
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

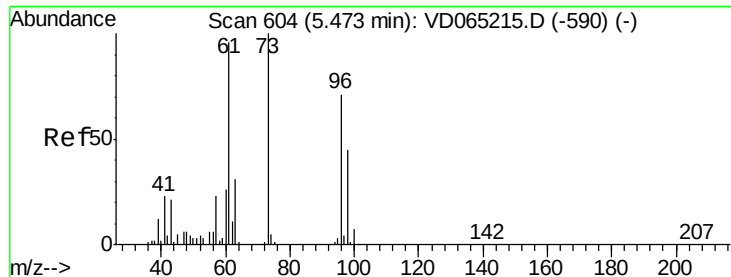
Tgt Ion: 73 Resp: 434206
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 50.47 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion: 84 Resp: 242031
Ion Ratio Lower Upper
84 100
49 121.2 103.1 154.7
51 37.0 31.7 47.5
86 61.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 48.27 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

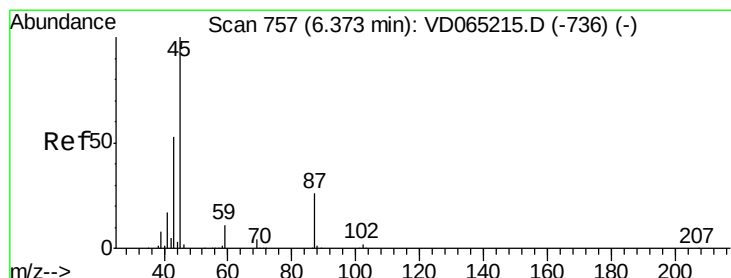
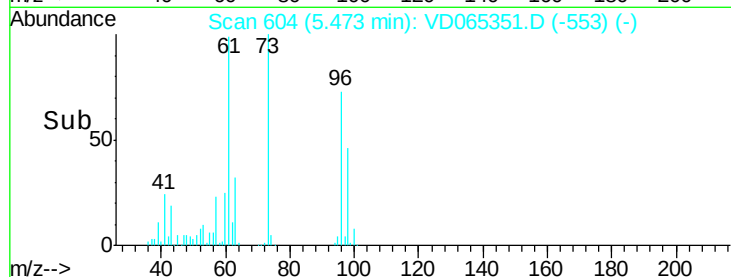
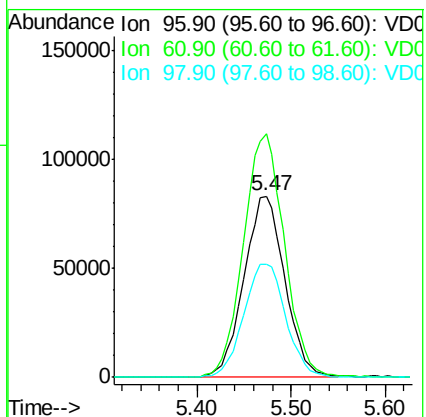
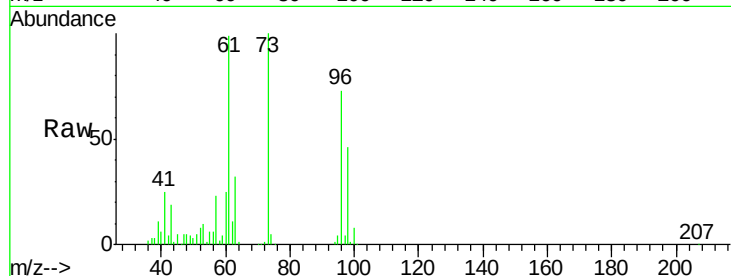
Tgt Ion: 96 Resp: 249418

Ion Ratio Lower Upper

96 100

61 134.5 108.3 162.5

98 62.7 50.7 76.1



#22

Diisopropyl ether

Concen: 48.23 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Tgt Ion: 45 Resp: 686293

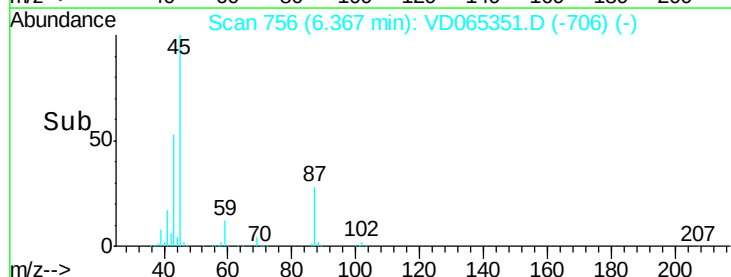
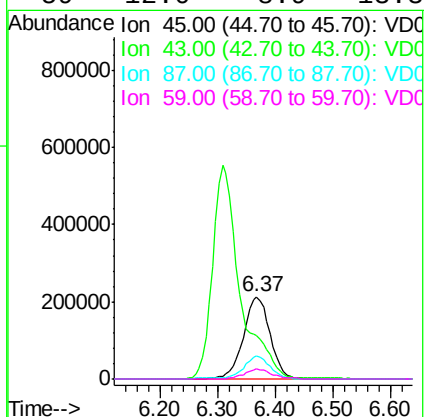
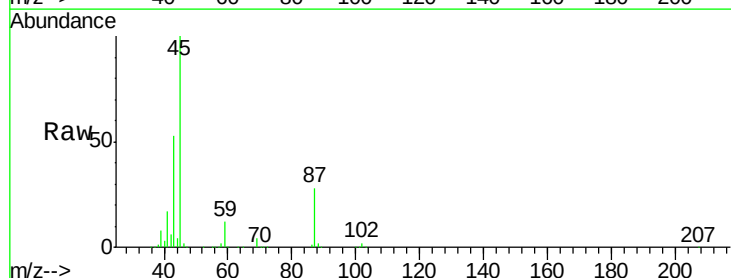
Ion Ratio Lower Upper

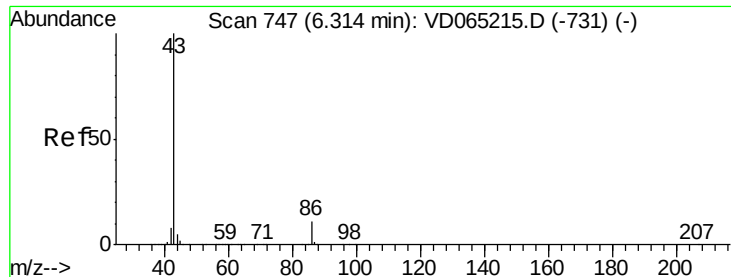
45 100

43 52.5 42.6 64.0

87 27.4 21.2 31.8

59 12.0 8.9 13.3





#23

Vinyl Acetate

Concen: 233.27 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

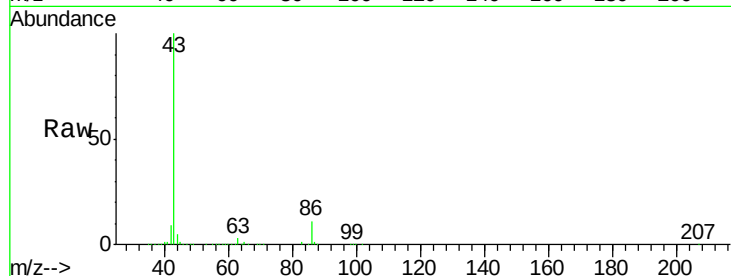
VSTDCCC050

Tgt Ion: 43 Resp: 1829851

Ion Ratio Lower Upper

43 100

86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

600000

500000

400000

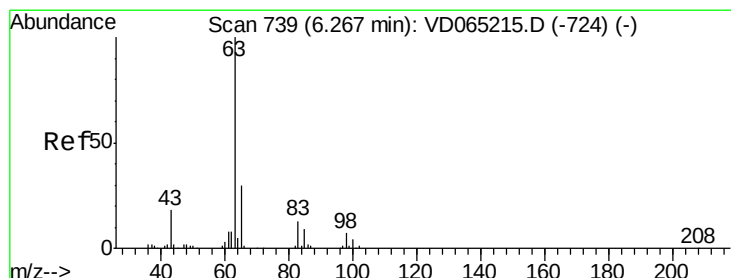
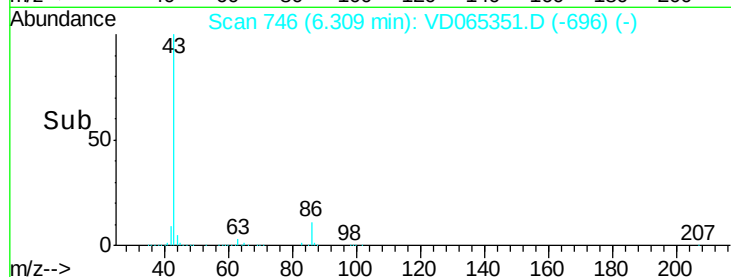
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 47.80 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

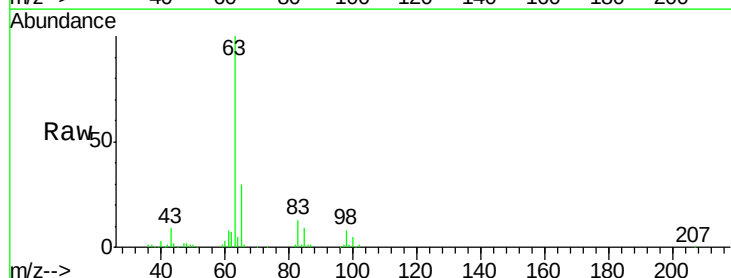
Tgt Ion: 63 Resp: 421909

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.1

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

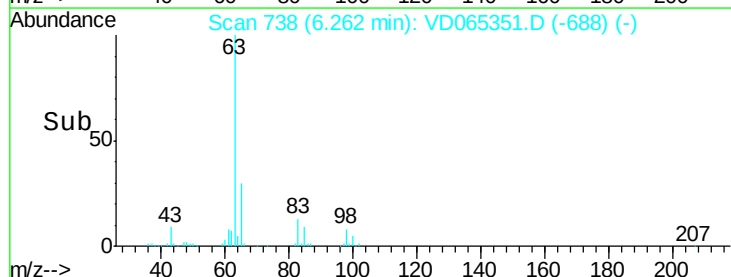
150000

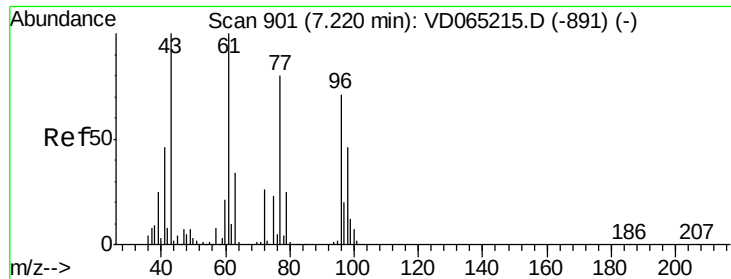
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 225.20 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

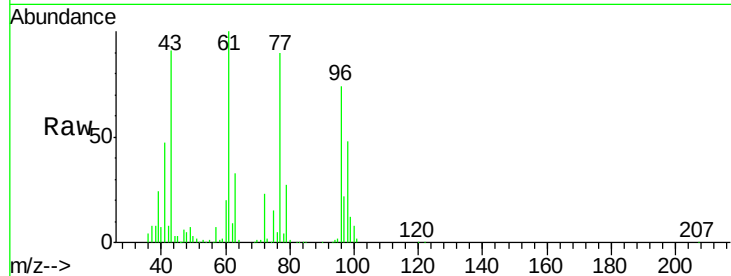
VSTDCCC050

Tgt Ion: 43 Resp: 307178

Ion Ratio Lower Upper

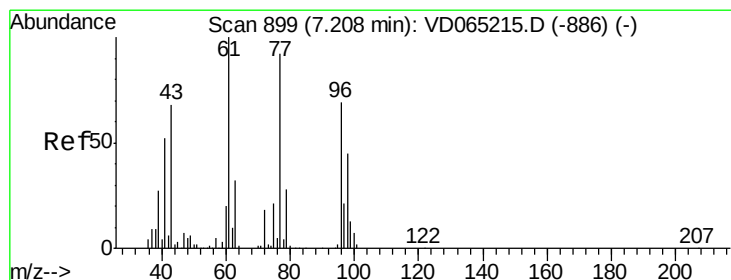
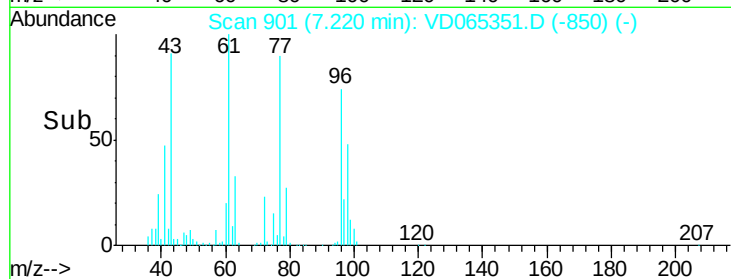
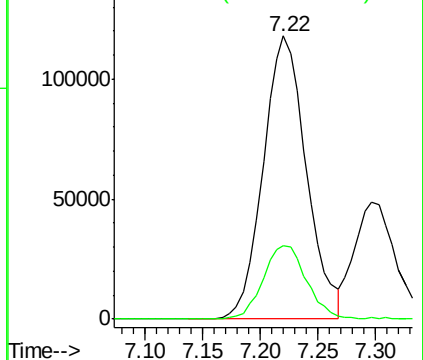
43 100

72 25.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.72 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065351.D

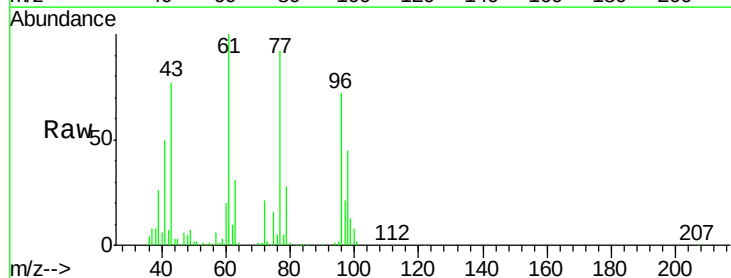
Acq: 28 Feb 2020 09:55

Tgt Ion: 77 Resp: 373089

Ion Ratio Lower Upper

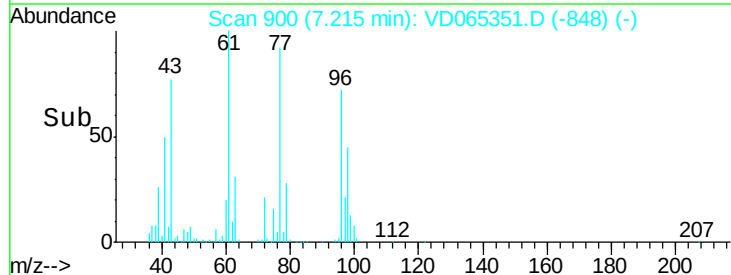
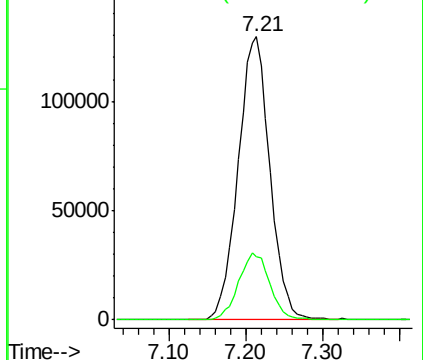
77 100

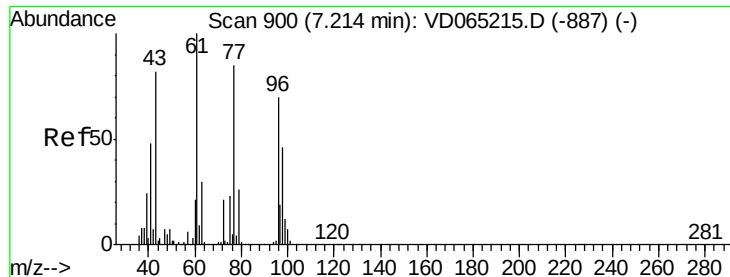
97 23.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 48.33 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

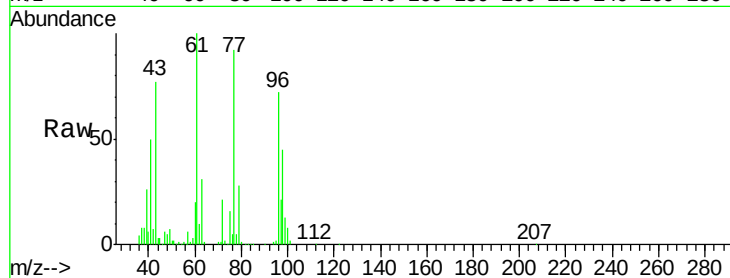
Tgt Ion: 96 Resp: 264540

Ion Ratio Lower Upper

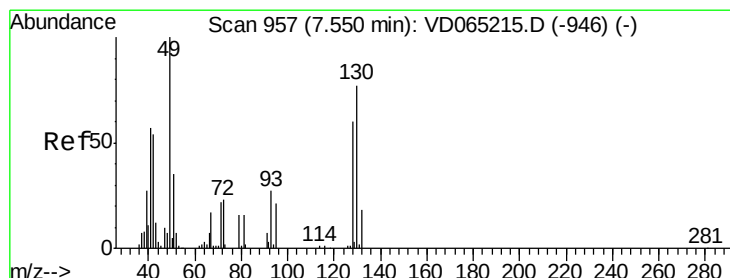
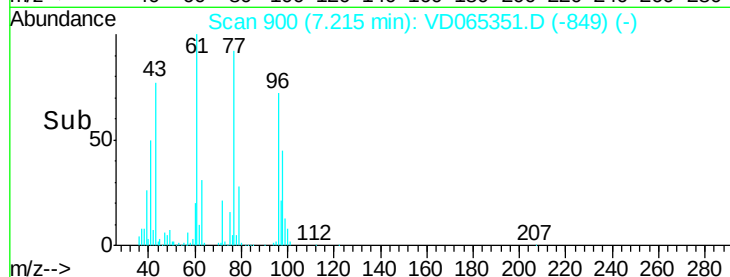
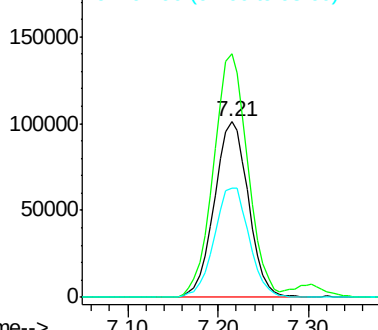
96 100

61 139.1 0.0 286.0

98 64.0 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: 47.69 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

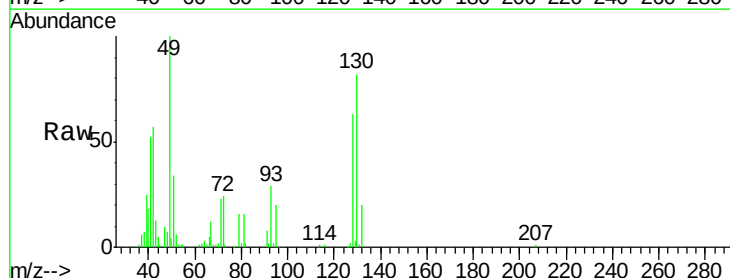
Tgt Ion: 49 Resp: 156162

Ion Ratio Lower Upper

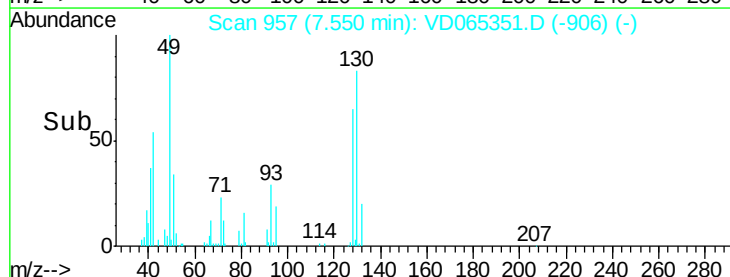
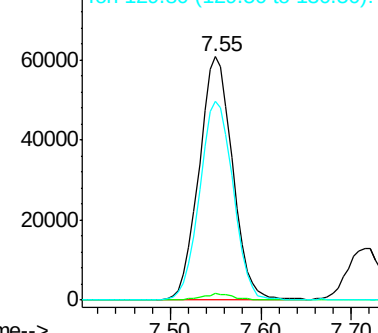
49 100

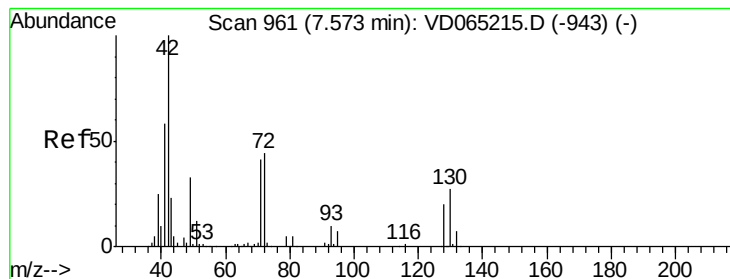
129 2.4 0.0 4.6

130 81.6 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: 215.70 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

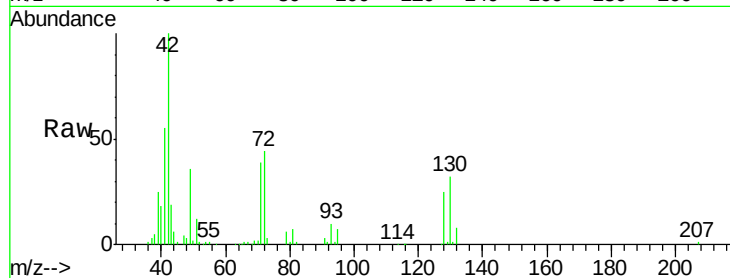
Tgt Ion: 42 Resp: 172389

Ion Ratio Lower Upper

42 100

72 44.2 33.7 50.5

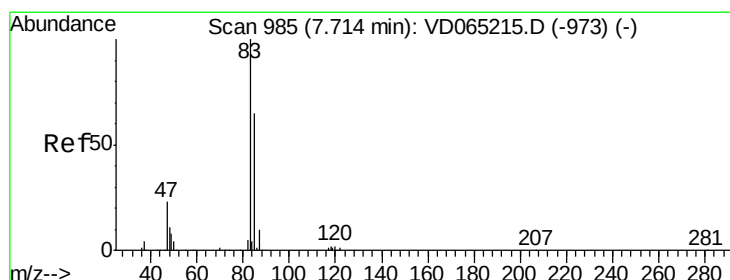
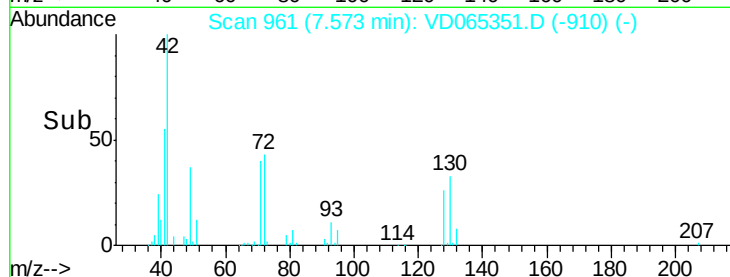
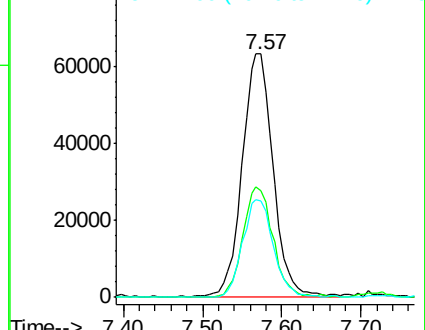
71 39.8 31.4 47.2



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: 47.64 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD065351.D

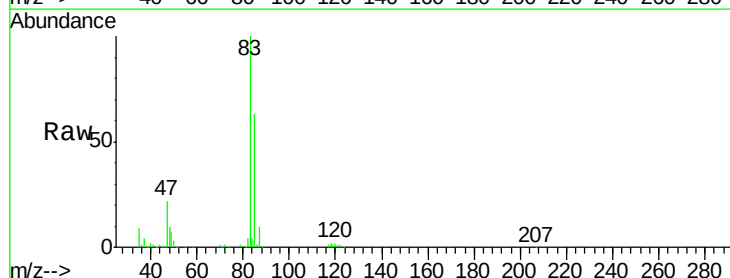
Acq: 28 Feb 2020 09:55

Tgt Ion: 83 Resp: 423620

Ion Ratio Lower Upper

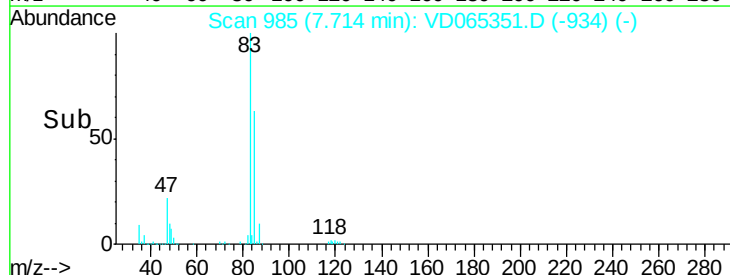
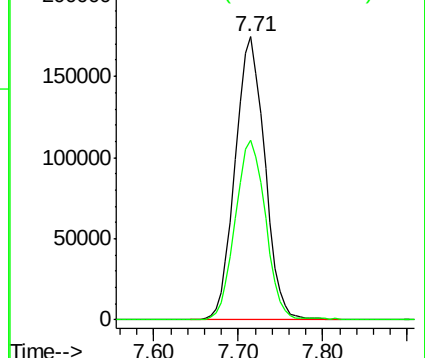
83 100

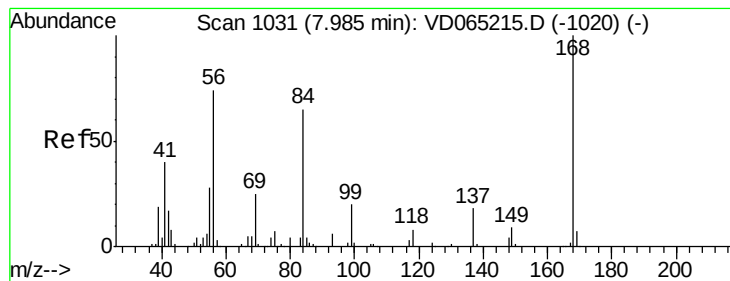
85 63.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 46.61 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

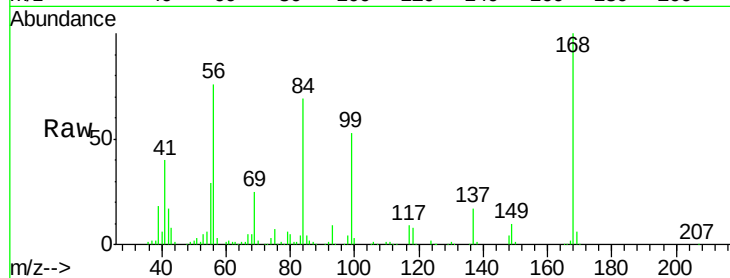
Tgt Ion: 56 Resp: 404221

Ion Ratio Lower Upper

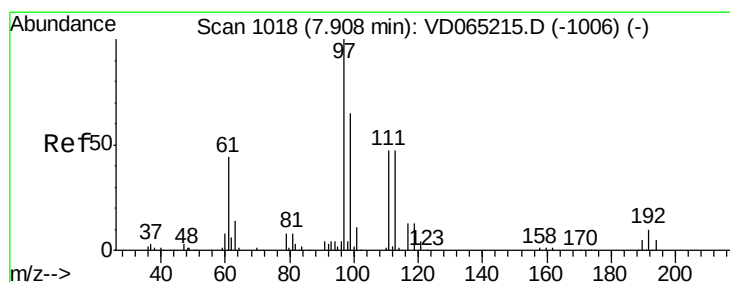
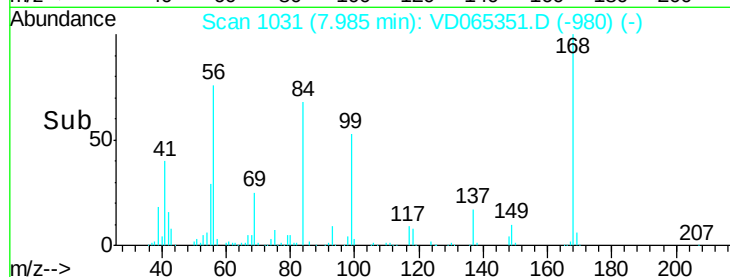
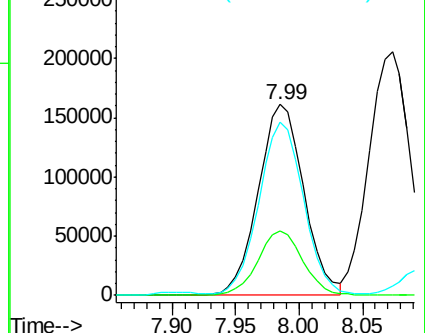
56 100

69 33.6 27.4 41.0

84 89.5 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: 48.08 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

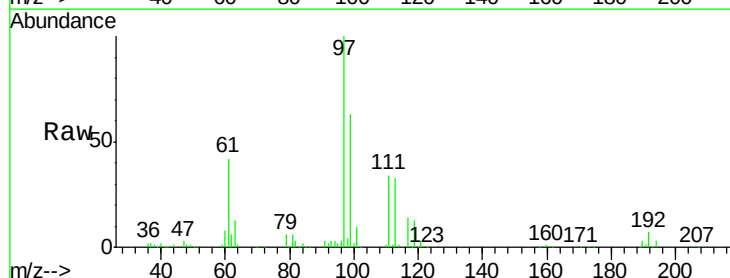
Tgt Ion: 97 Resp: 382465

Ion Ratio Lower Upper

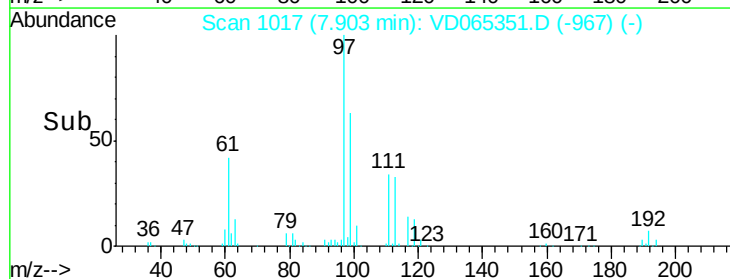
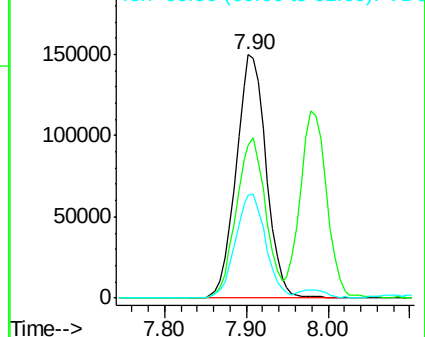
97 100

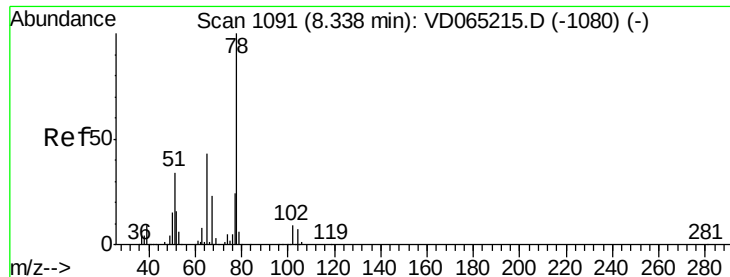
99 64.5 51.4 77.2

61 43.0 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

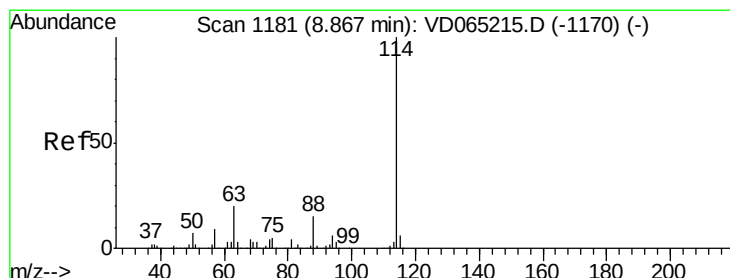
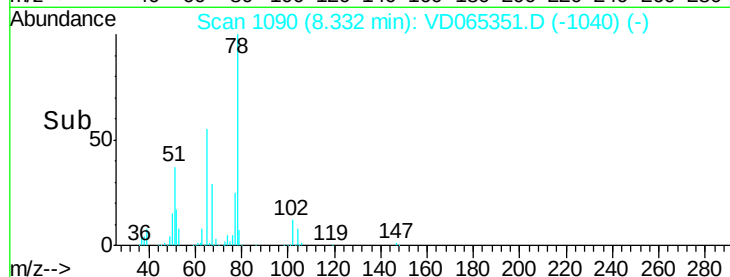
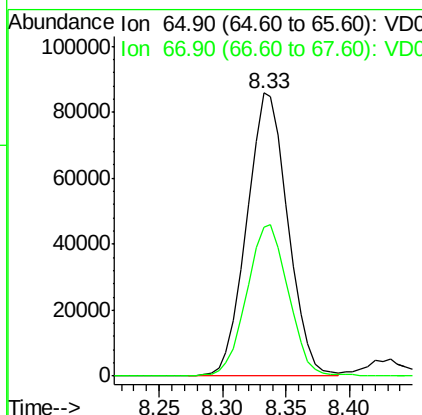
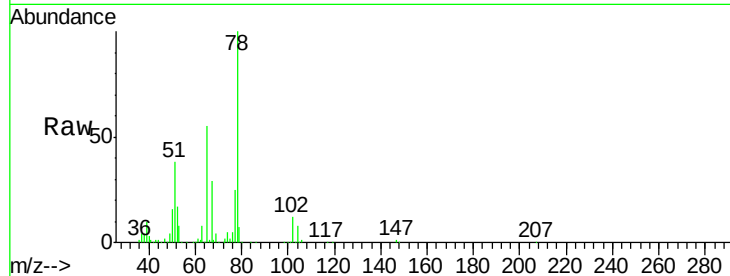




#33
 1,2-Dichloroethane-d4
 Concen: 43.90 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

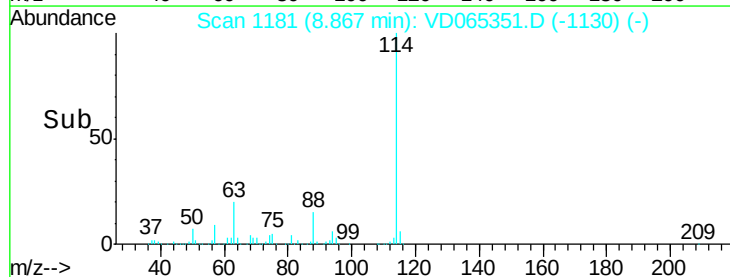
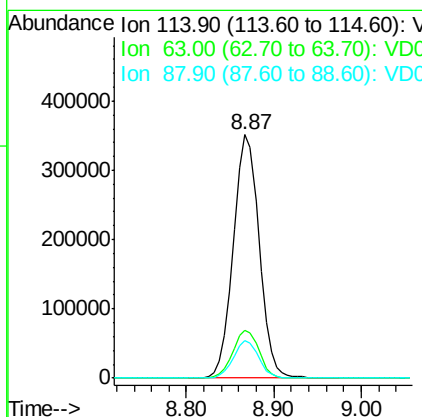
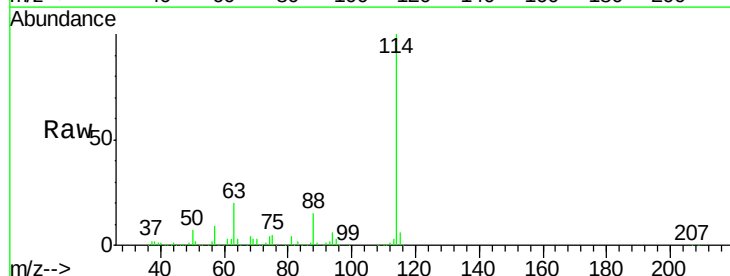
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

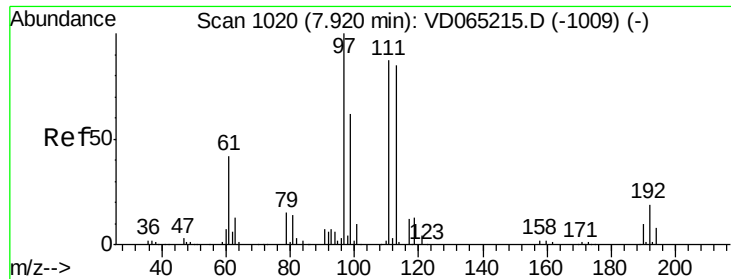
Tgt Ion: 65 Resp: 193606
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 114 Resp: 704095
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.4 0.0 30.4

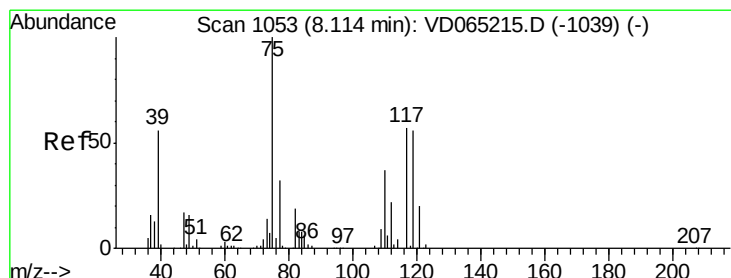
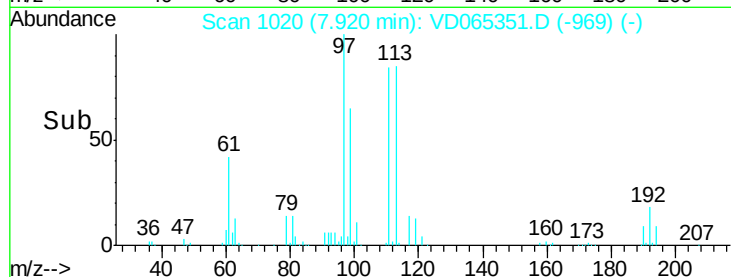
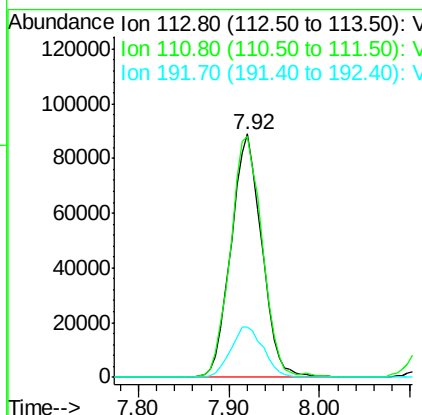
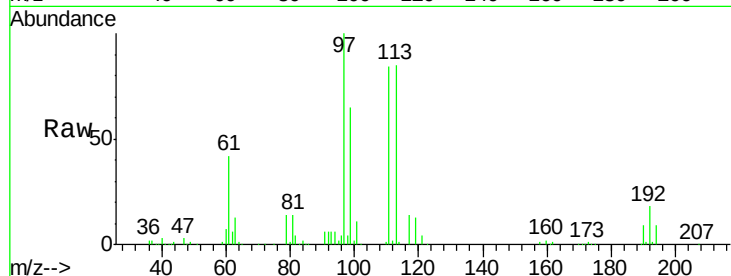




#35
 Dibromofluoromethane
 Concen: 48.86 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

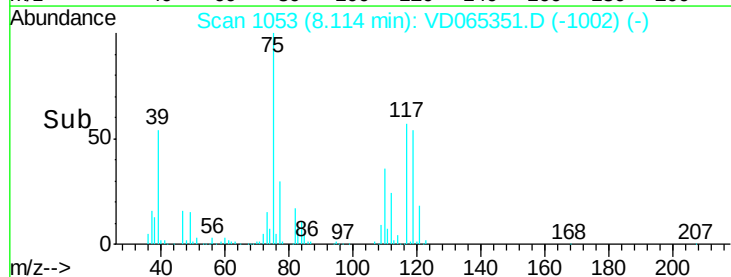
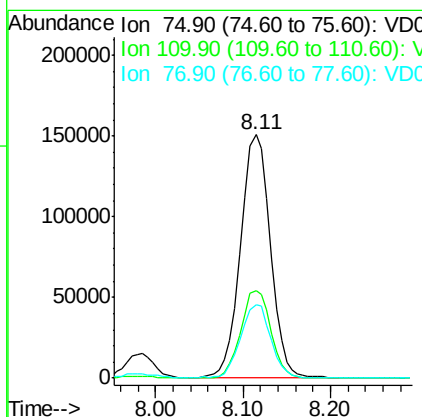
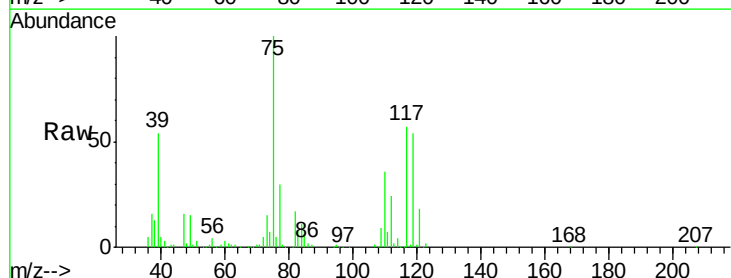
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

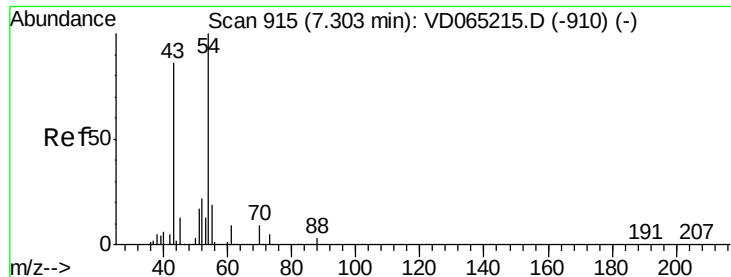
Tgt Ion: 113 Resp: 209771
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 22.1 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 50.60 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 75 Resp: 346669
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.9 53.7
 77 31.1 25.1 37.7

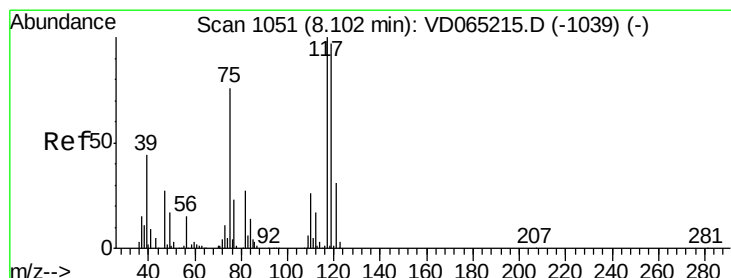
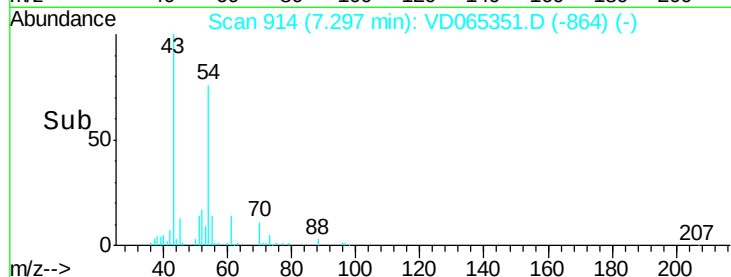
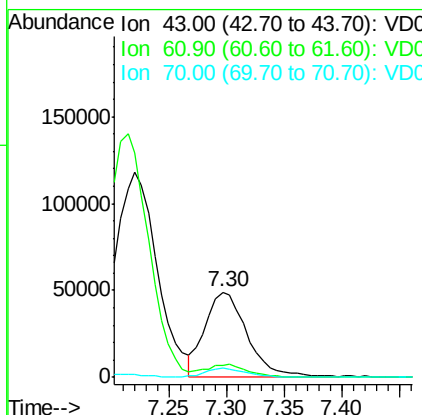
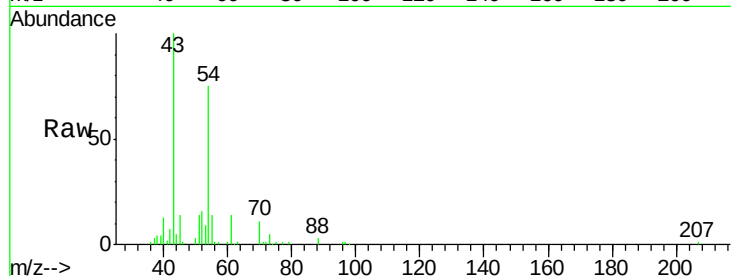




#37
Ethyl Acetate
Concen: 42.88 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

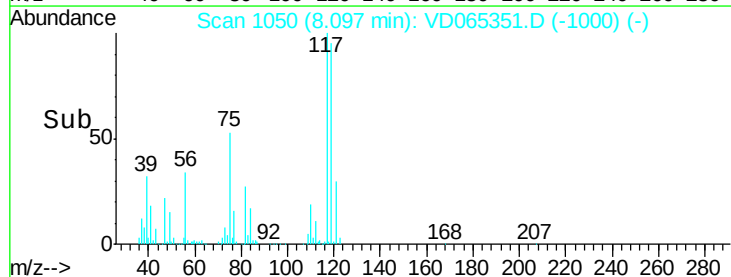
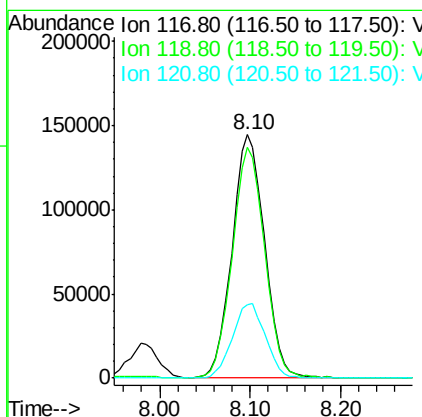
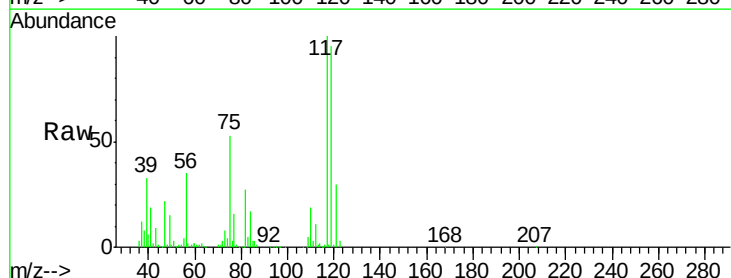
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

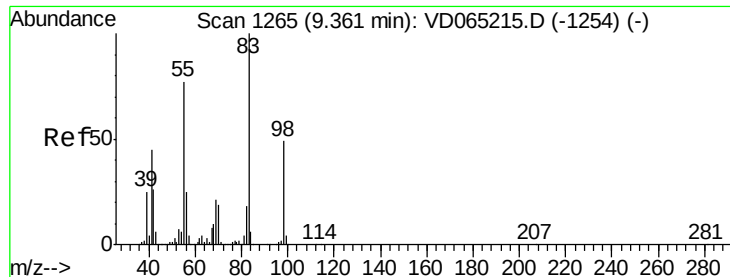
Tgt Ion: 43 Resp: 122814
Ion Ratio Lower Upper
43 100
61 15.3 11.2 16.8
70 10.6 8.2 12.2



#38
Carbon Tetrachloride
Concen: 51.26 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion: 117 Resp: 357488
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 51.92 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

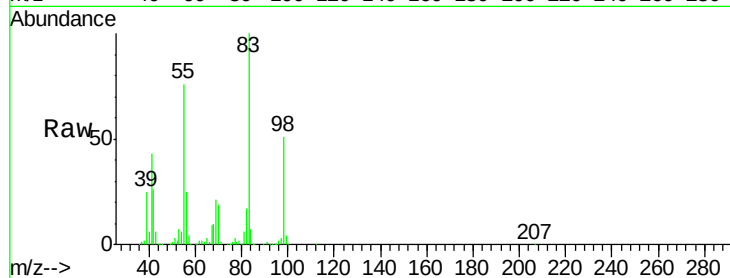
Tgt Ion: 83 Resp: 418158

Ion Ratio Lower Upper

83 100

55 76.3 61.8 92.6

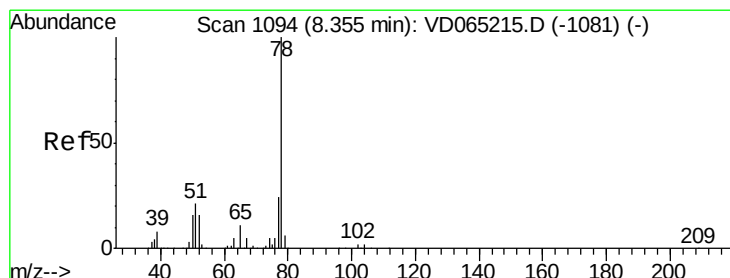
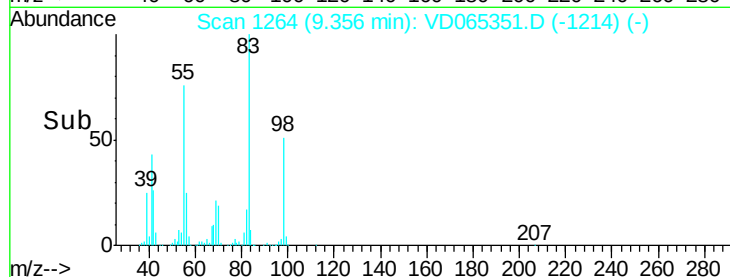
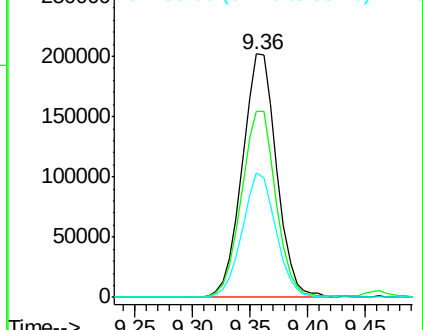
98 51.4 39.4 59.0



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 50.45 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VD065351.D

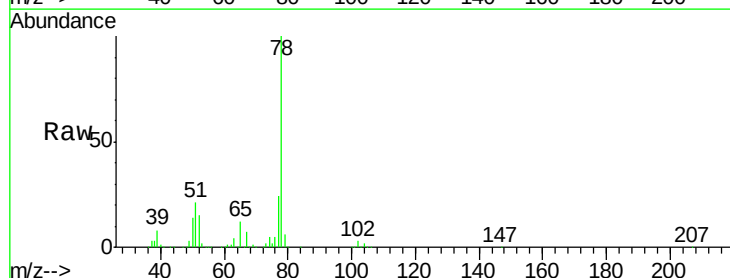
Acq: 28 Feb 2020 09:55

Tgt Ion: 78 Resp: 975563

Ion Ratio Lower Upper

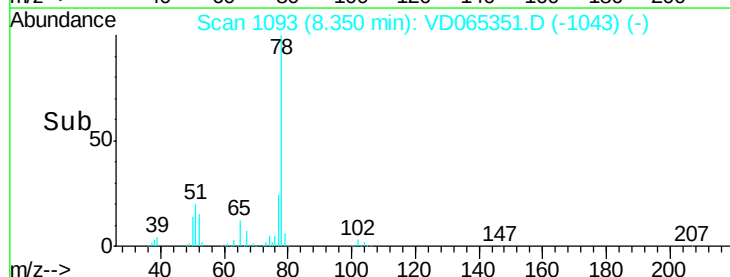
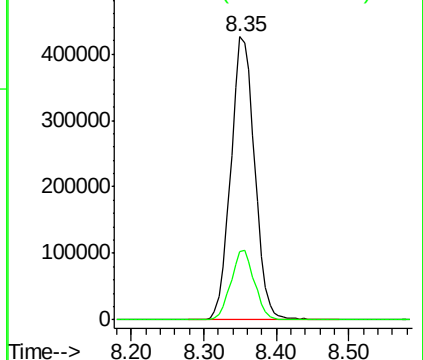
78 100

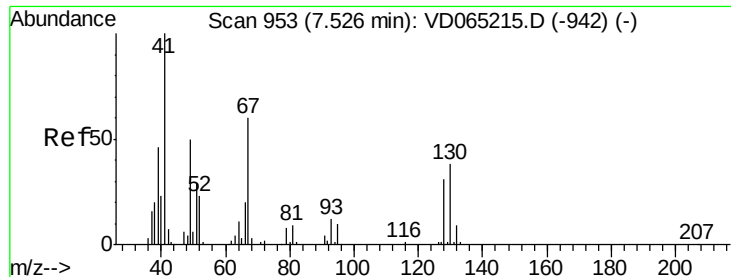
77 24.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

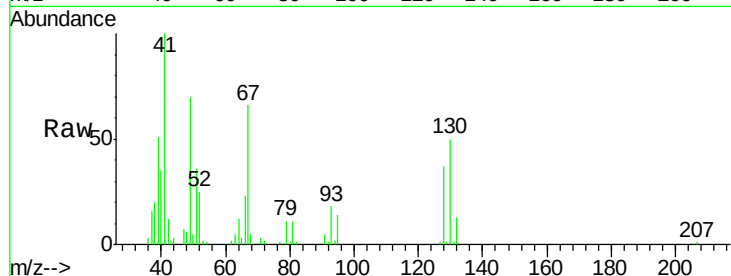




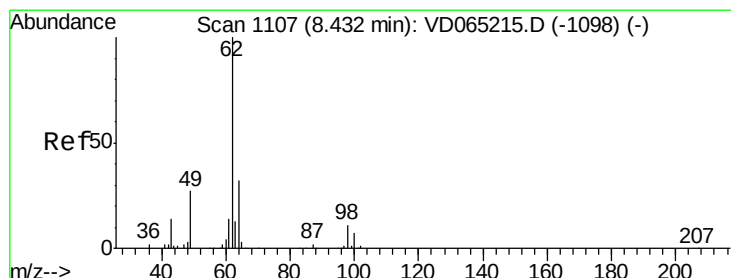
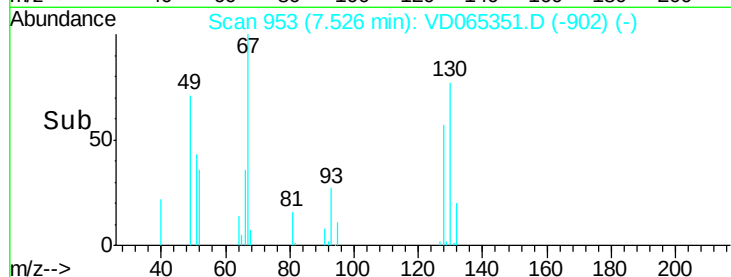
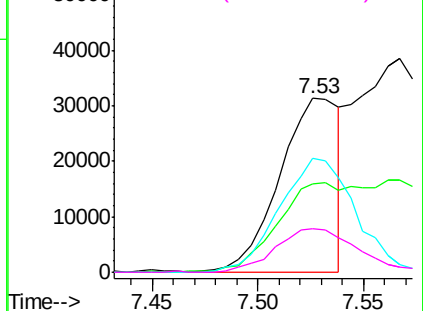
#41
Methacrylonitrile
Concen: 37.50 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	62006
Ion	Ratio	Lower	Upper
41	100		
39	70.7	48.1	72.1
67	83.8	58.9	88.3
52	35.0	24.2	36.2

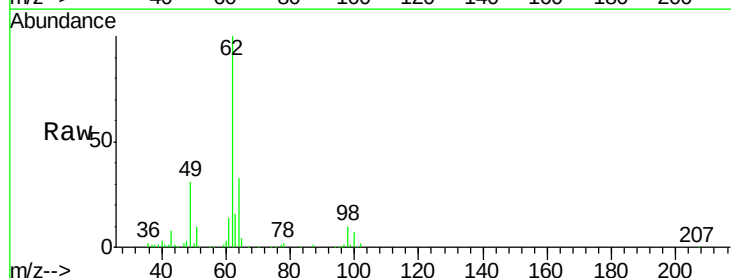


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

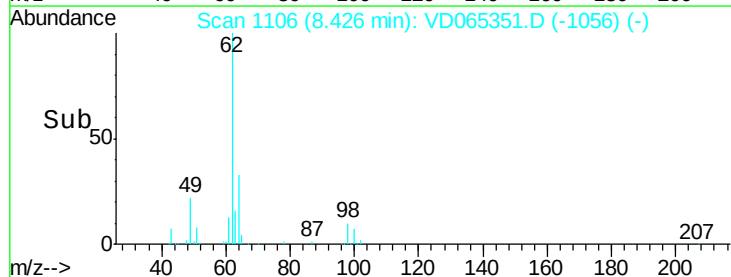
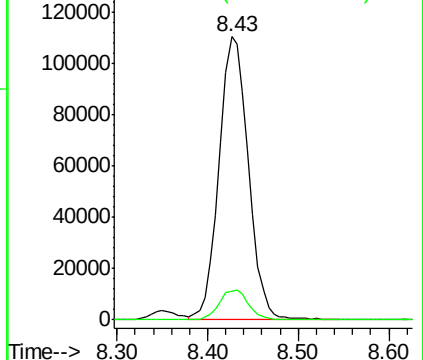


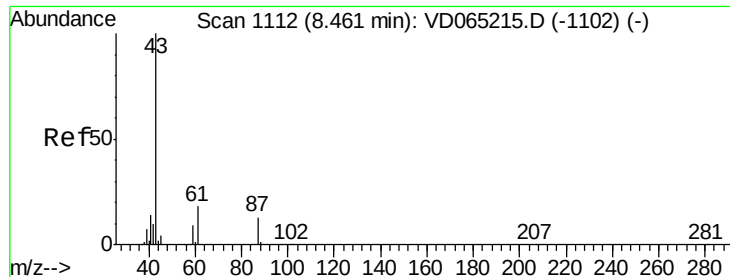
#42
1,2-Dichloroethane
Concen: 46.51 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion:	62	Resp:	247272
Ion	Ratio	Lower	Upper
62	100		
98	10.6	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: 44.06 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

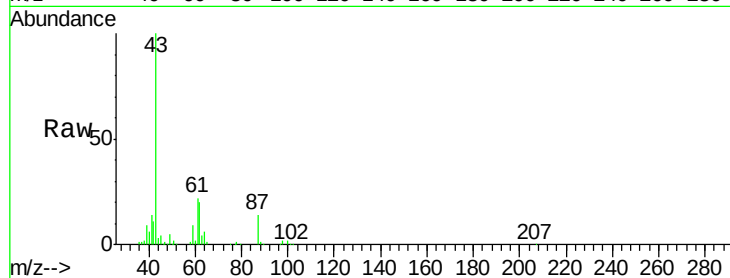
Tgt Ion: 43 Resp: 229487

Ion Ratio Lower Upper

43 100

61 32.1 24.6 36.8

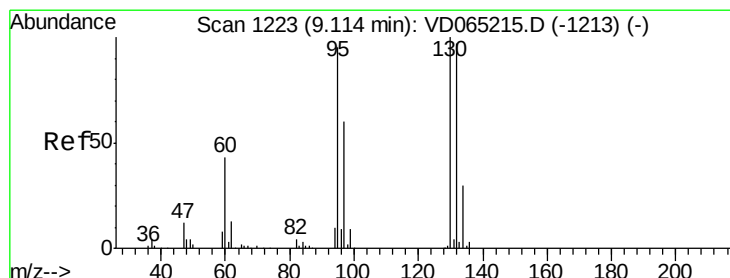
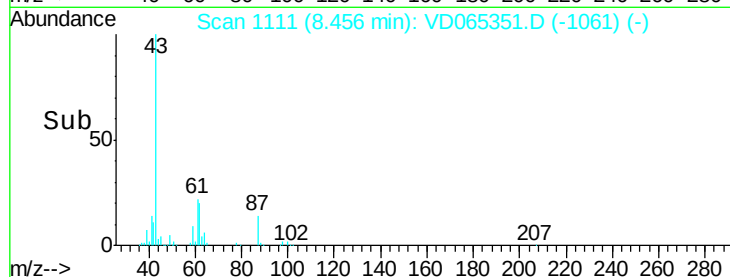
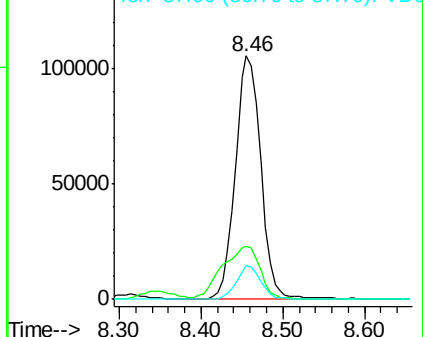
87 13.3 10.6 16.0



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: 50.07 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065351.D

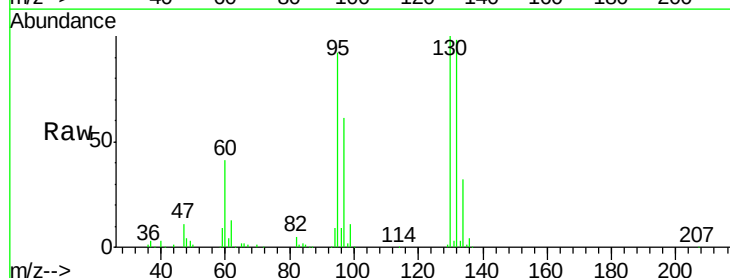
Acq: 28 Feb 2020 09:55

Tgt Ion: 130 Resp: 268364

Ion Ratio Lower Upper

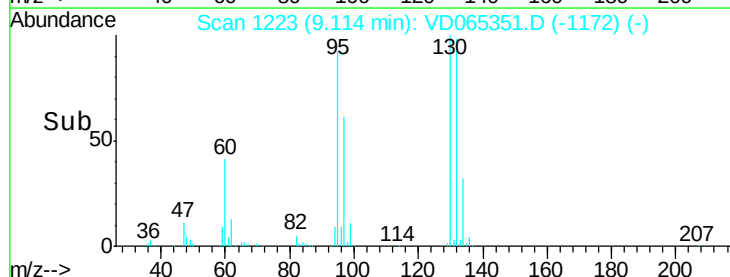
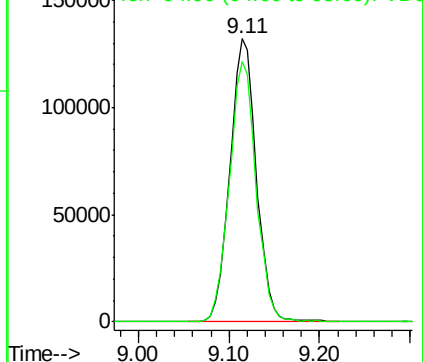
130 100

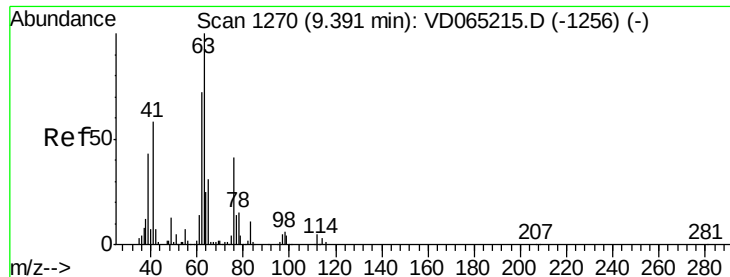
95 91.8 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

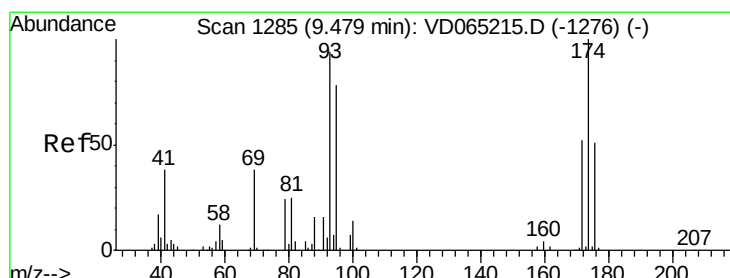
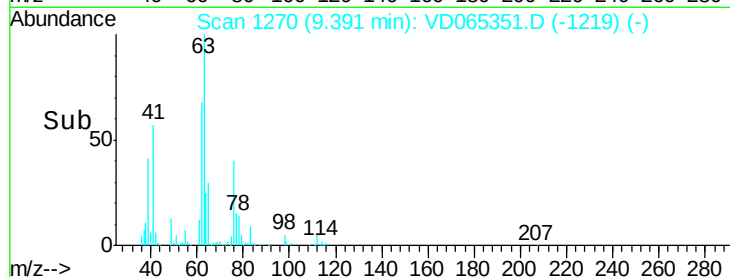
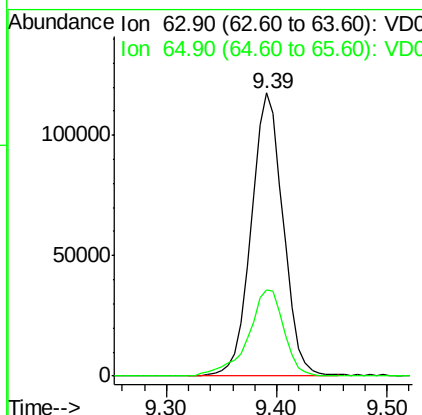
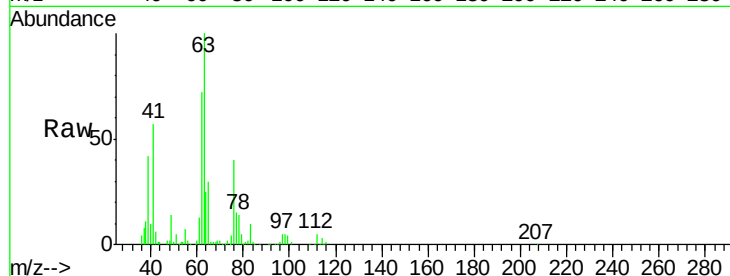




#45
 1,2-Dichloropropane
 Concen: 49.67 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

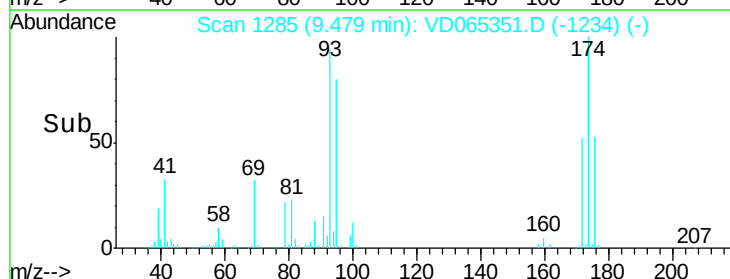
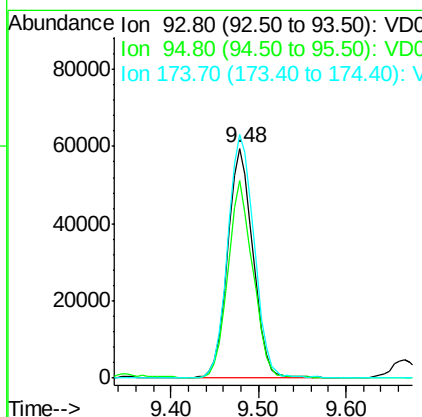
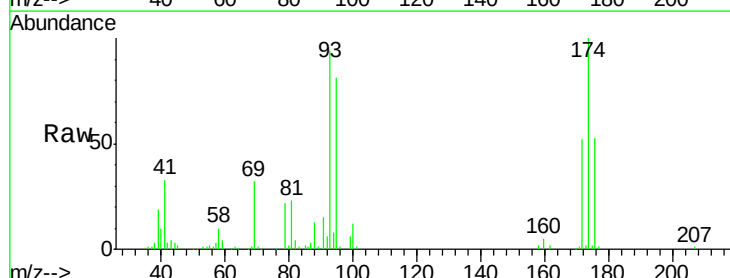
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

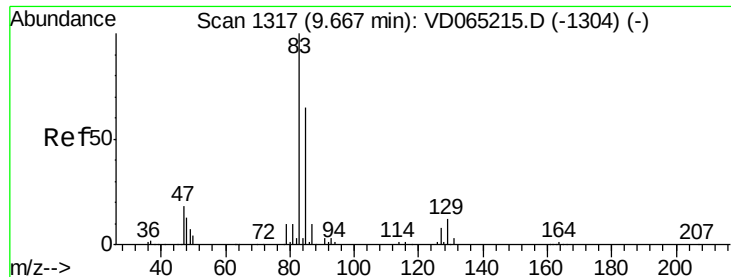
Tgt Ion: 63 Resp: 238813
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3



#46
 Dibromomethane
 Concen: 47.64 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 93 Resp: 117860
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.8 98.6
 174 109.8 86.8 130.2





#47

Bromodichloromethane

Concen: 48.75 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

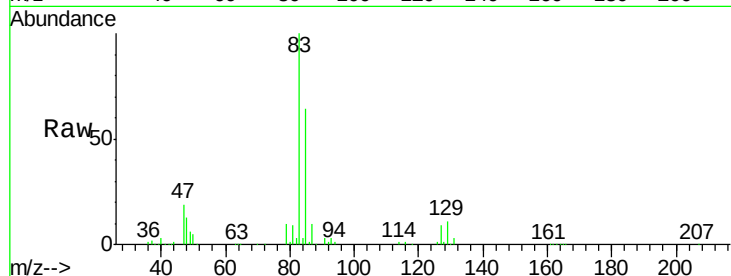
Tgt Ion: 83 Resp: 317811

Ion Ratio Lower Upper

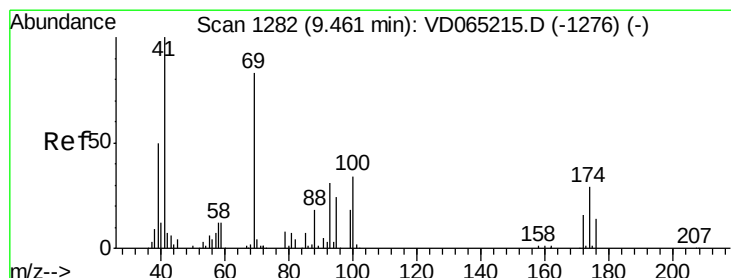
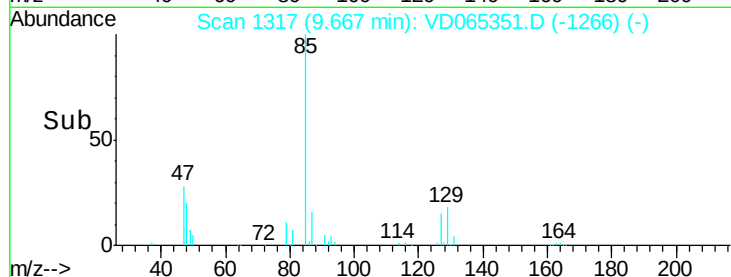
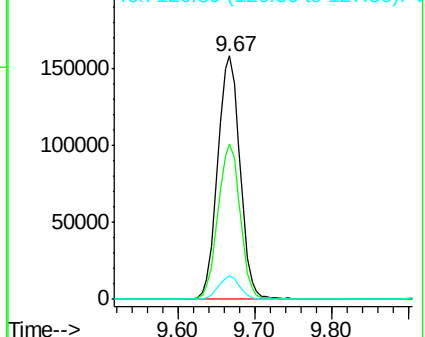
83 100

85 63.9 52.0 78.0

127 9.4 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): VDC



#48

Methyl methacrylate

Concen: 47.68 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

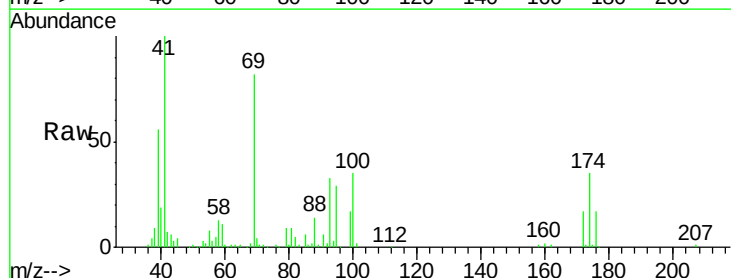
Tgt Ion: 41 Resp: 114773

Ion Ratio Lower Upper

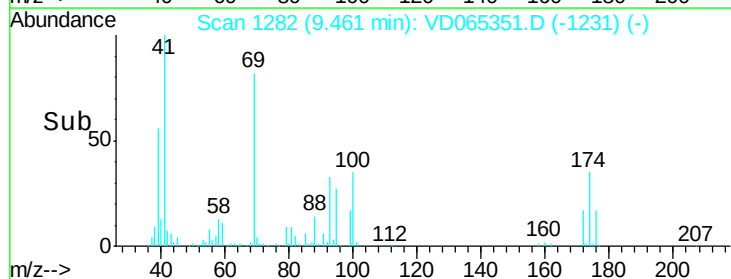
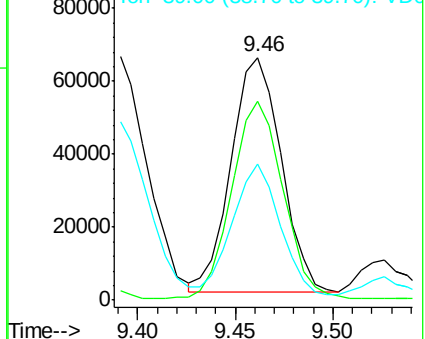
41 100

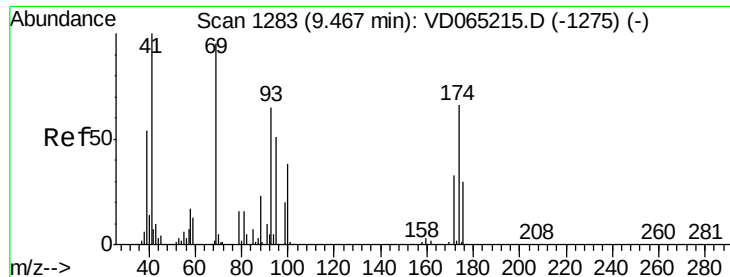
69 88.4 68.2 102.2

39 51.7 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

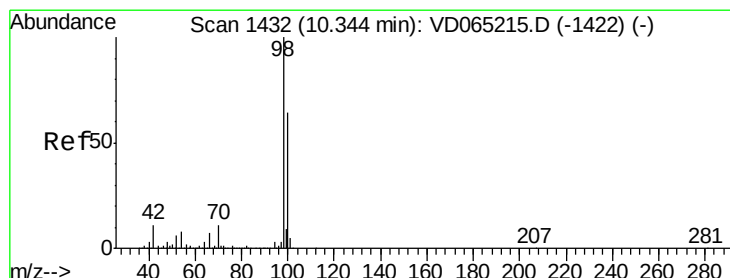
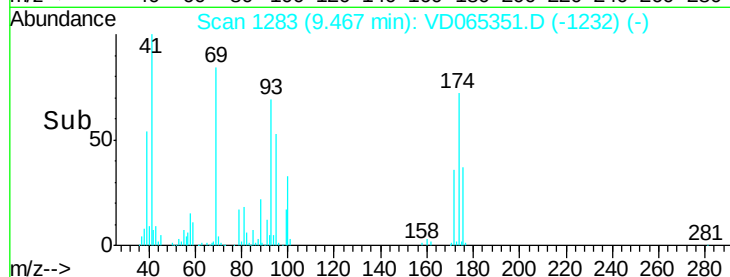
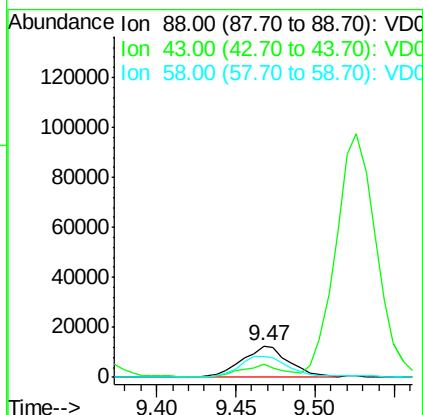
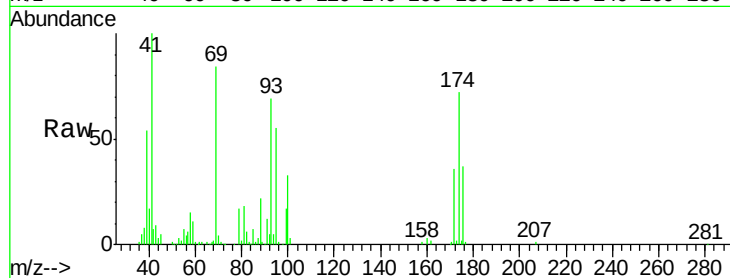




#49
1,4-Dioxane
Concen: 881.40 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

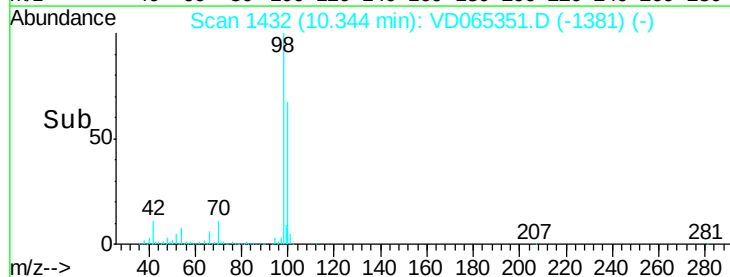
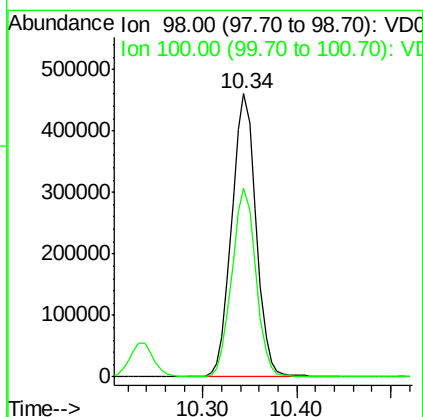
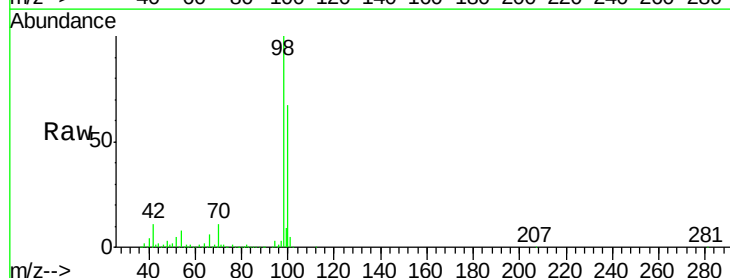
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

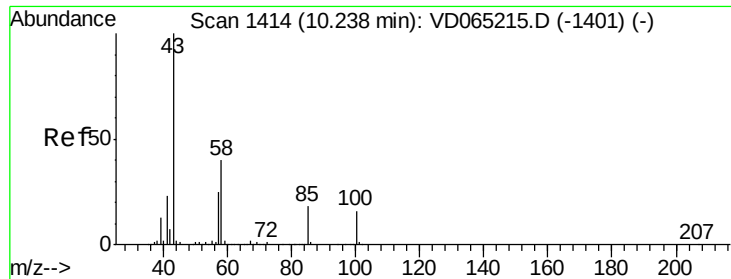
Tgt Ion: 88 Resp: 25575
Ion Ratio Lower Upper
88 100
43 35.6 28.5 42.7
58 72.3 58.6 87.8



#50
Toluene-d8
Concen: 50.41 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion: 98 Resp: 827282
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 229.11 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

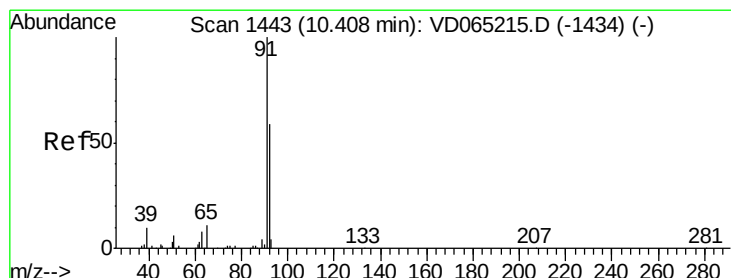
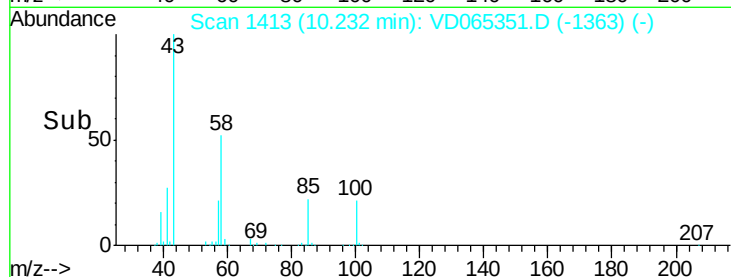
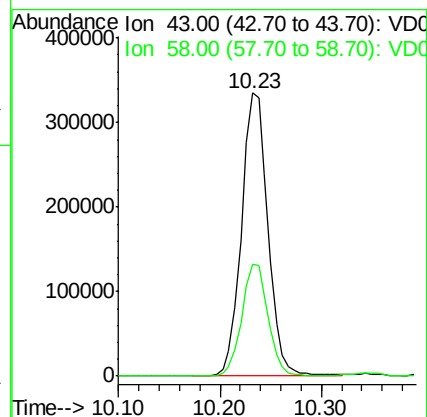
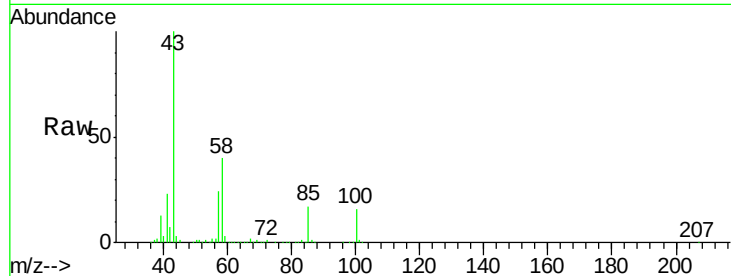
VSTDCCC050

Tgt Ion: 43 Resp: 606054

Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7



#52

Toluene

Concen: 52.10 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065351.D

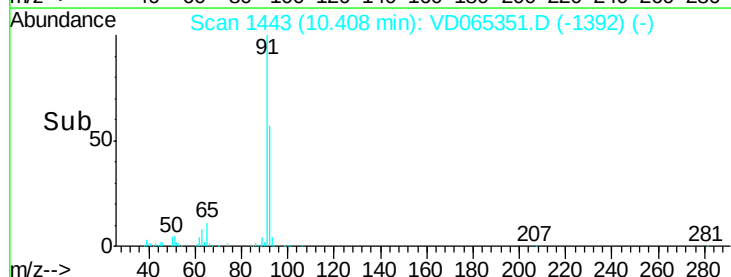
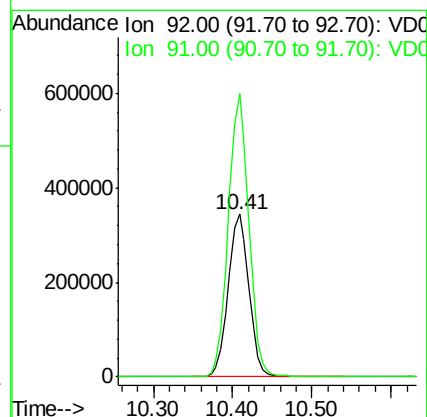
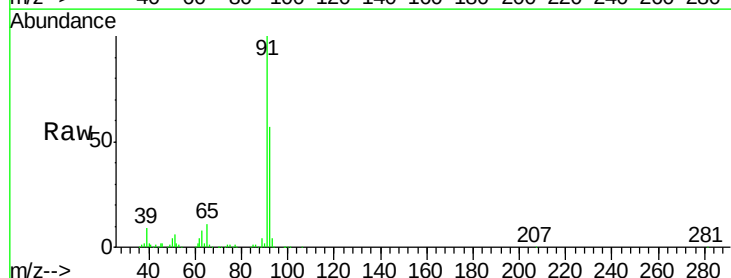
Acq: 28 Feb 2020 09:55

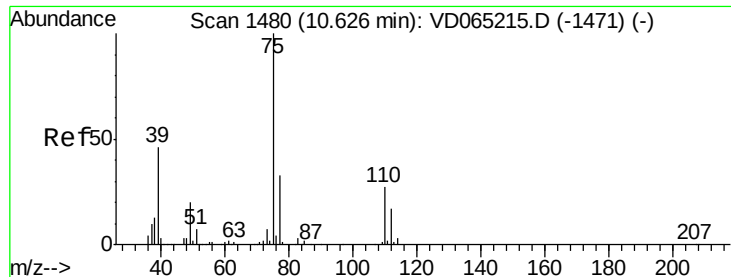
Tgt Ion: 92 Resp: 623641

Ion Ratio Lower Upper

92 100

91 172.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 48.76 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

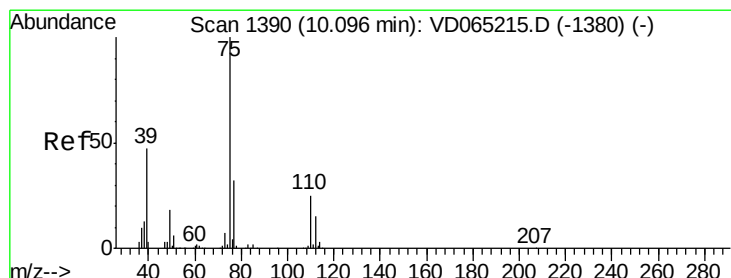
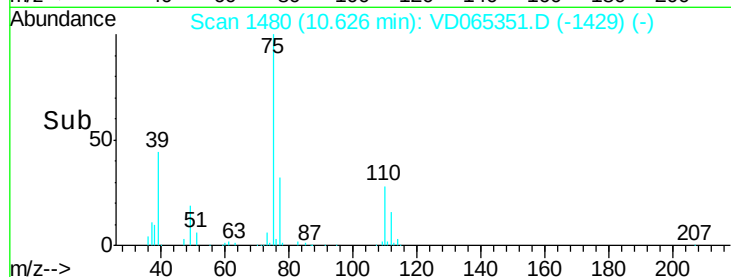
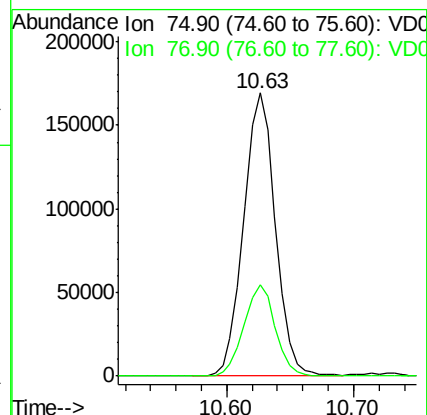
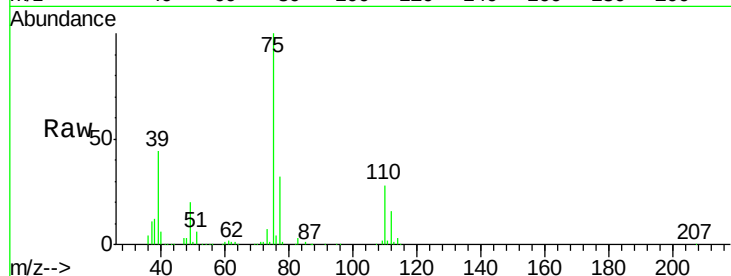
VSTDCCC050

Tgt Ion: 75 Resp: 294664

Ion Ratio Lower Upper

75 100

77 32.2 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 49.73 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

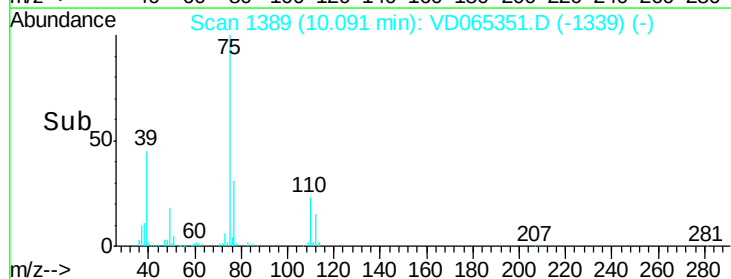
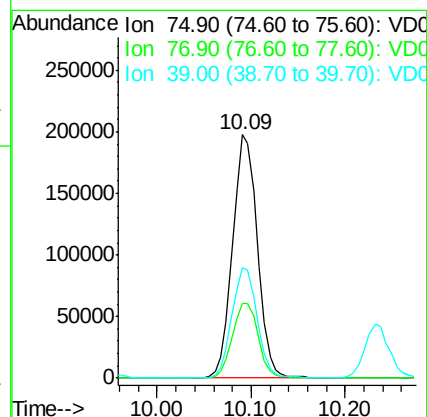
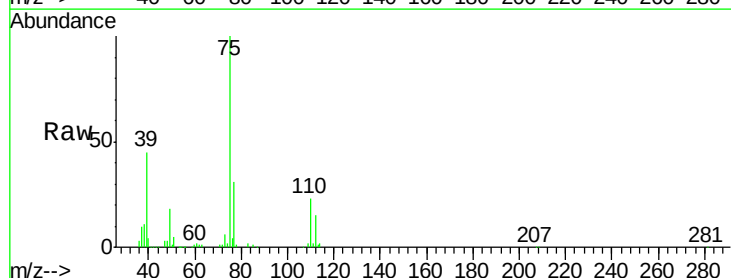
Tgt Ion: 75 Resp: 362921

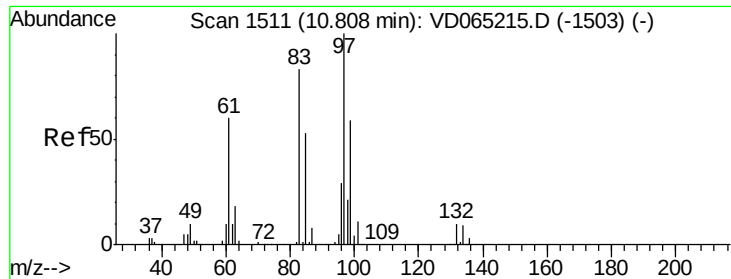
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8

39 45.1 37.3 55.9

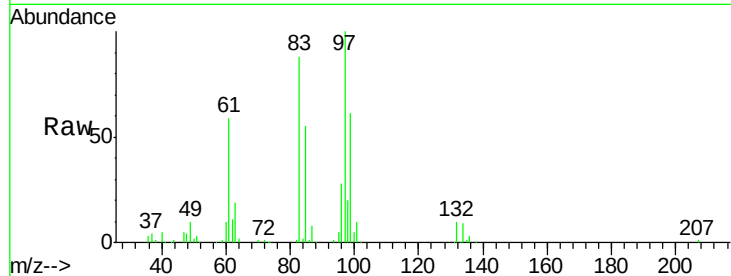




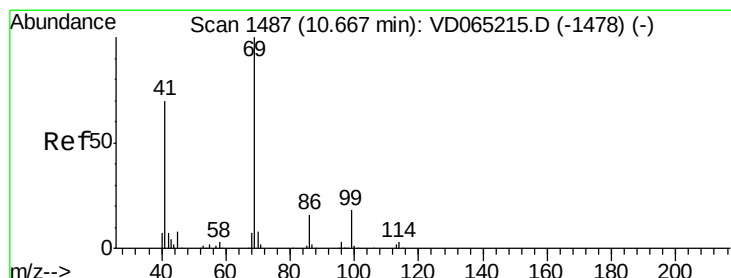
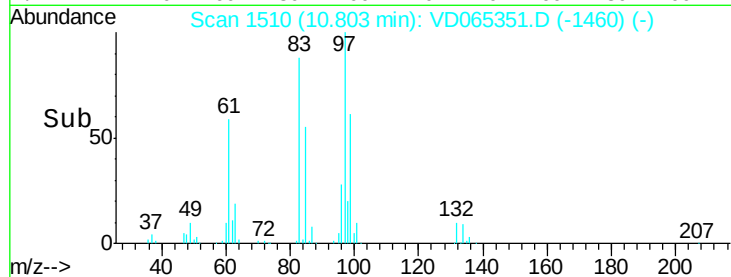
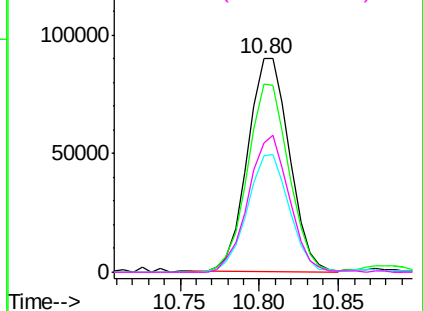
#55
 1,1,2-Trichloroethane
 Concen: 47.40 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	165062
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.7	100.1
85	55.0	42.4	63.6
99	60.8	47.5	71.3

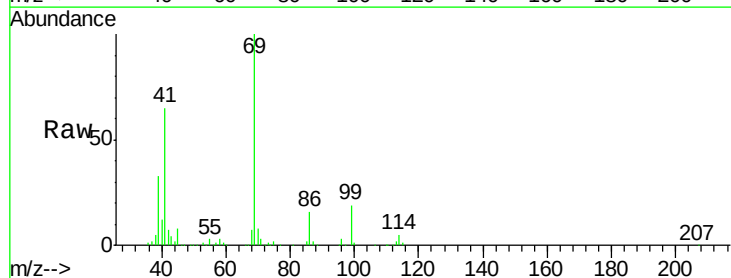


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

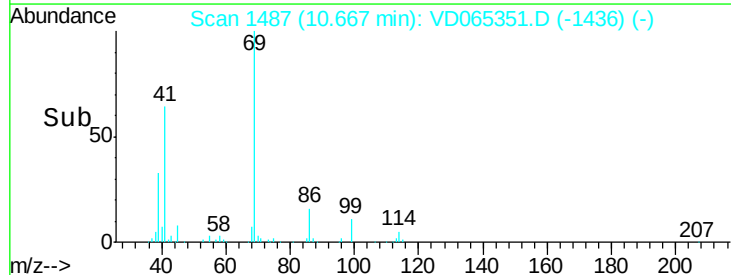
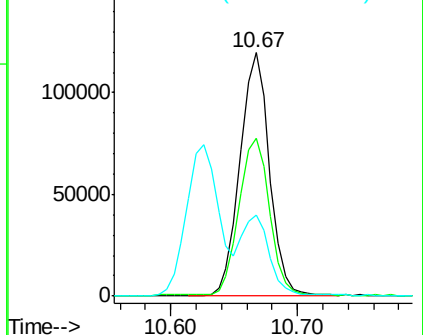


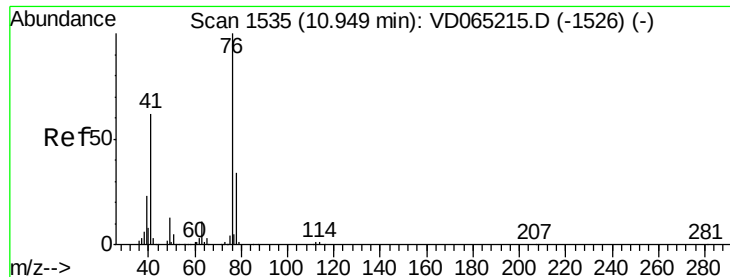
#56
 Ethyl methacrylate
 Concen: 48.37 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion:	69	Resp:	194410
Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.6	81.8
39	30.5	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

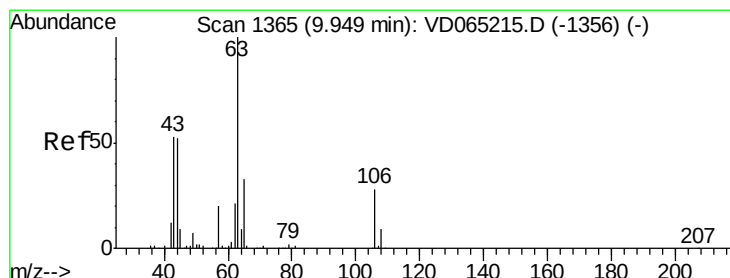
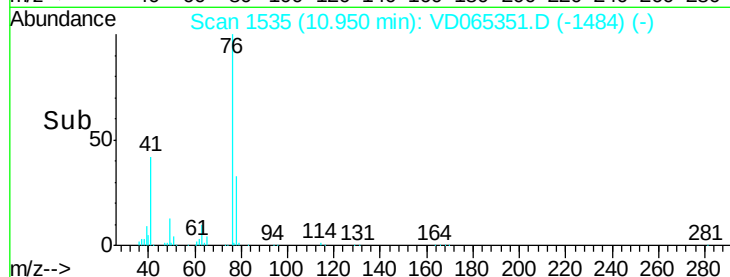
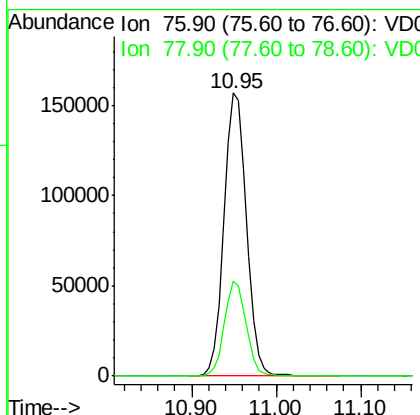
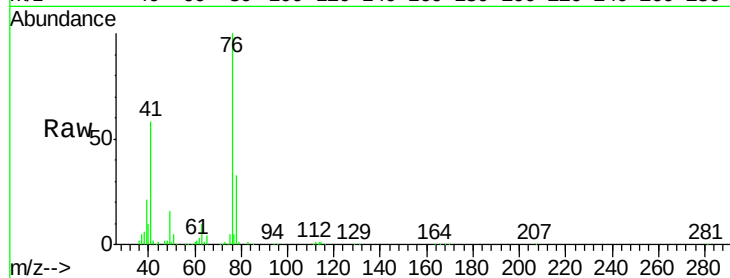




#57
 1,3-Dichloropropane
 Concen: 48.53 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

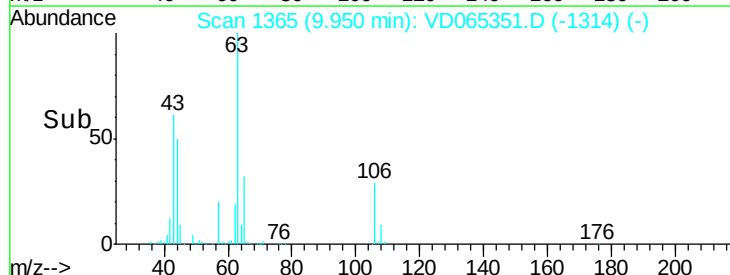
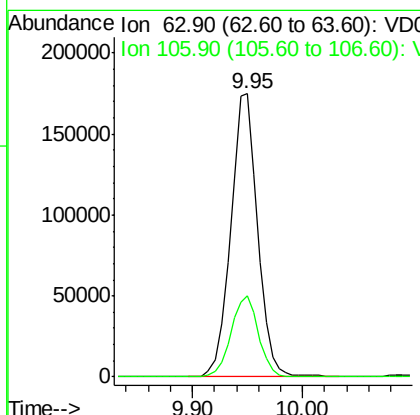
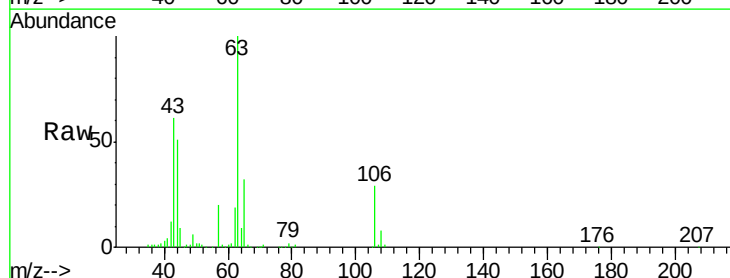
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

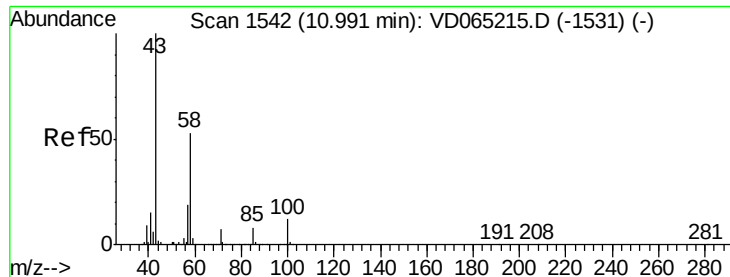
Tgt Ion: 76 Resp: 287628
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.75 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 63 Resp: 298724
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.8 34.2

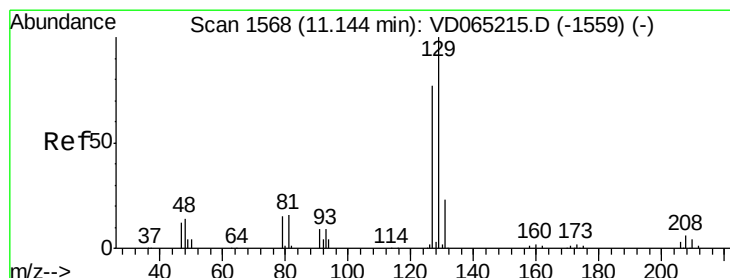
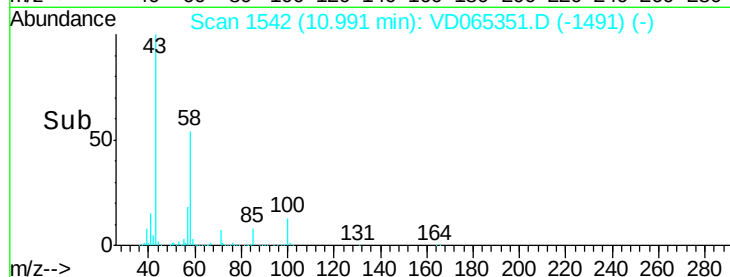
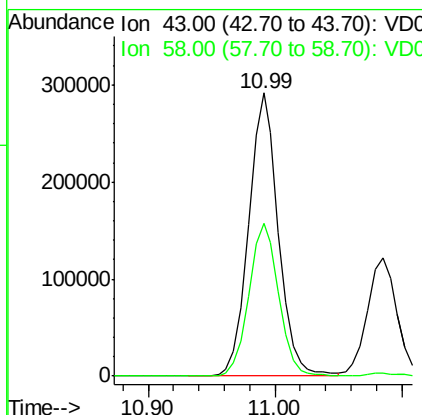
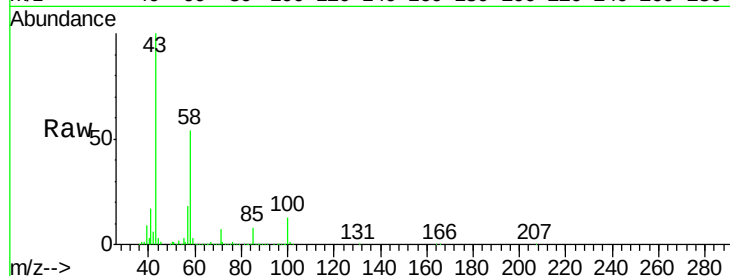




#59
2-Hexanone
Concen: 250.17 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

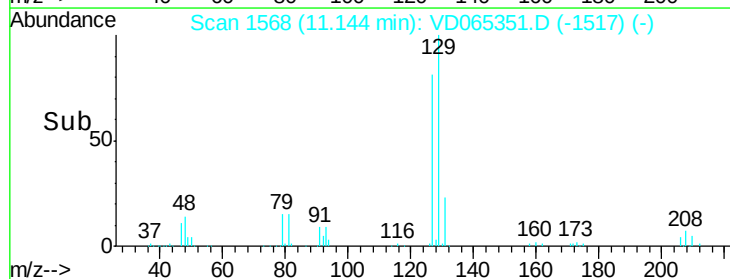
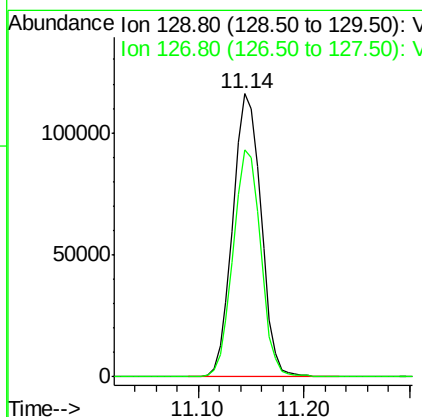
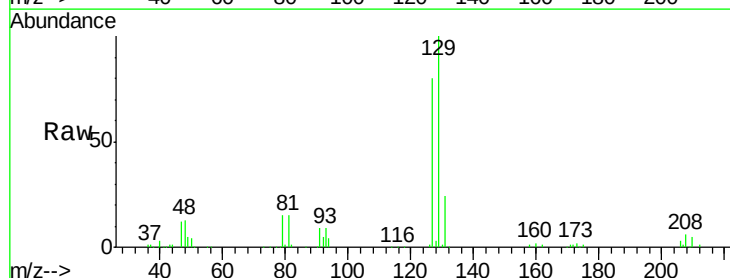
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

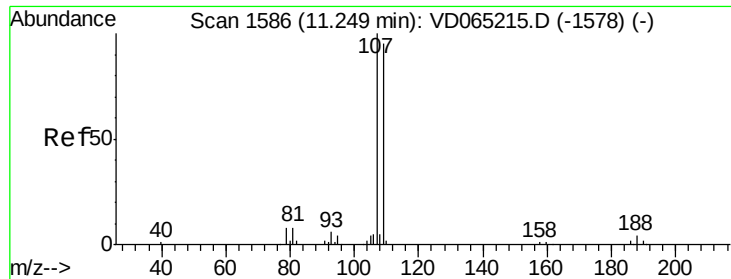
Tgt Ion: 43 Resp: 473707
Ion Ratio Lower Upper
43 100
58 54.1 26.3 78.8



#60
Dibromochloromethane
Concen: 48.20 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion: 129 Resp: 214822
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

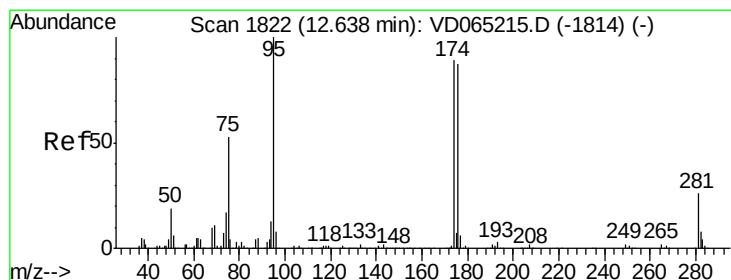
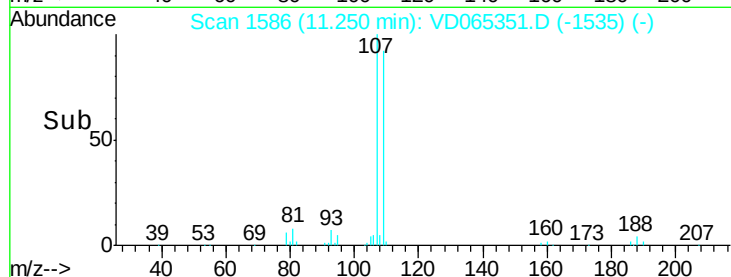
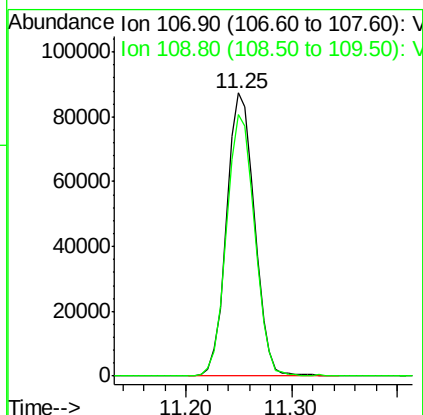
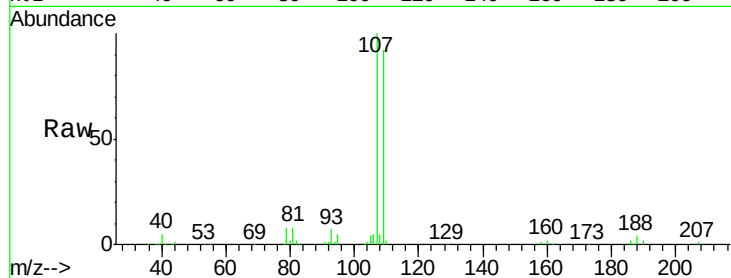




#61
 1,2-Dibromoethane
 Concen: 48.25 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

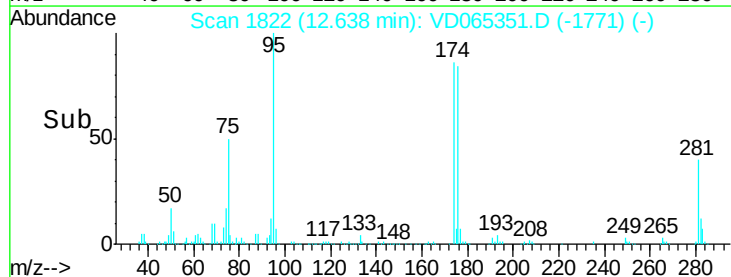
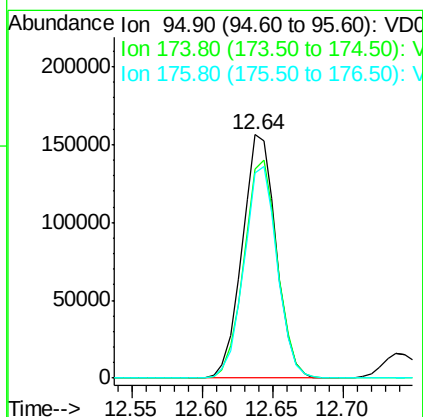
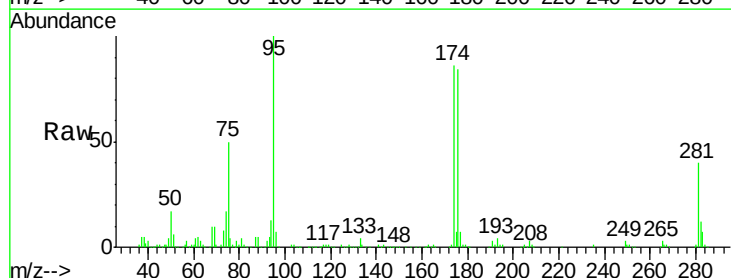
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

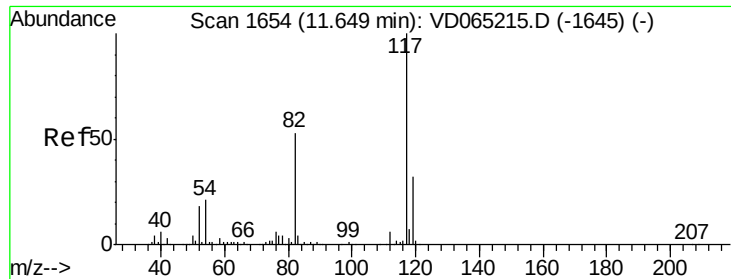
Tgt Ion: 107 Resp: 159080
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 50.48 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 95 Resp: 262446
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 178.0
 176 85.5 0.0 174.4

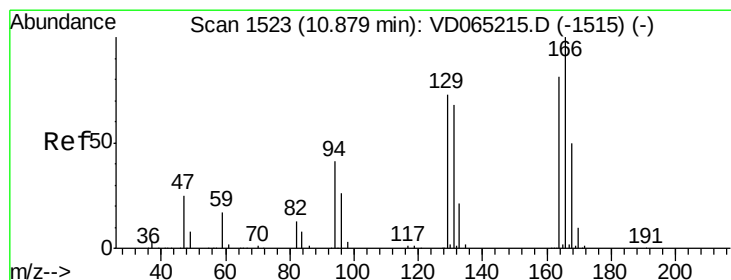
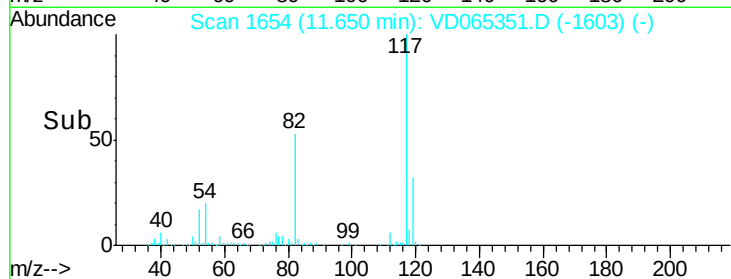
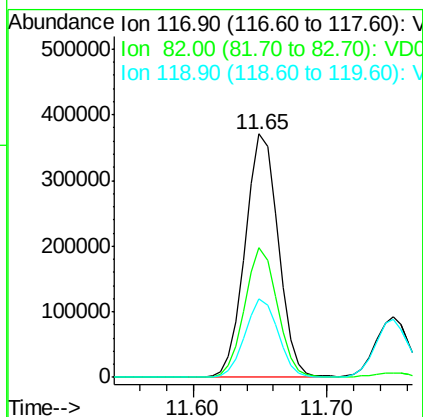
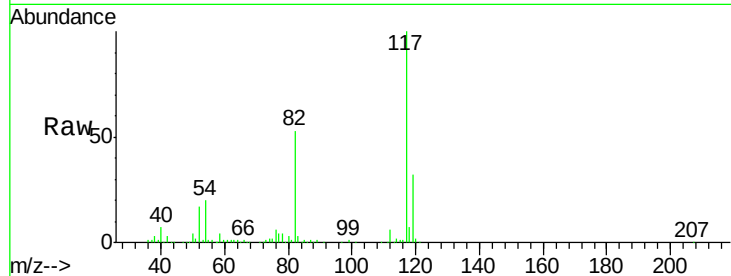




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

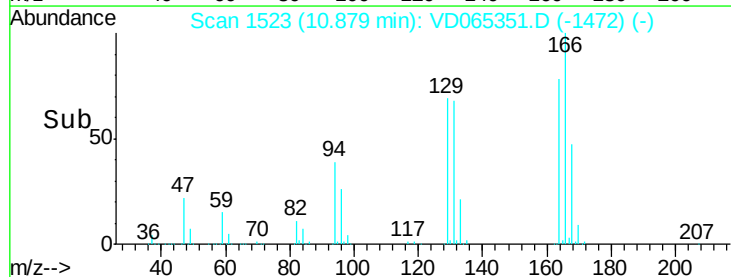
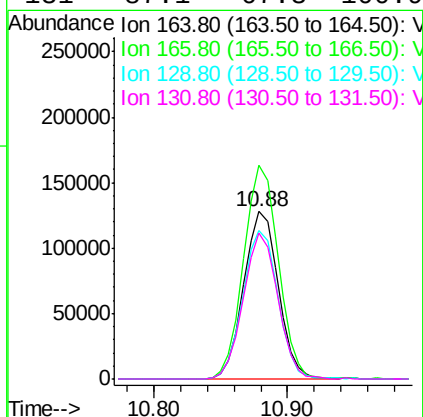
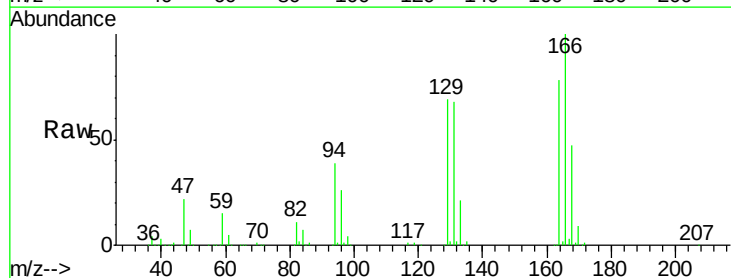
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

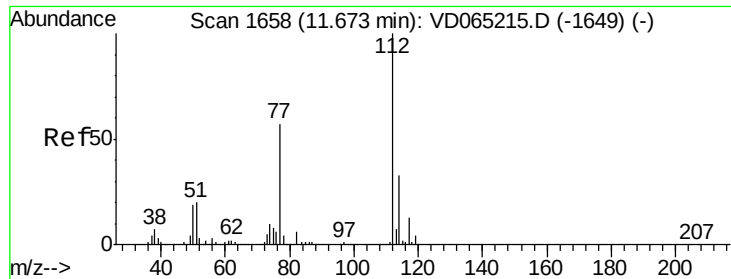
Tgt Ion:117 Resp: 635628
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 50.73 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion:164 Resp: 228680
Ion Ratio Lower Upper
164 100
166 127.5 98.4 147.6
129 88.5 71.6 107.4
131 87.1 67.3 100.9

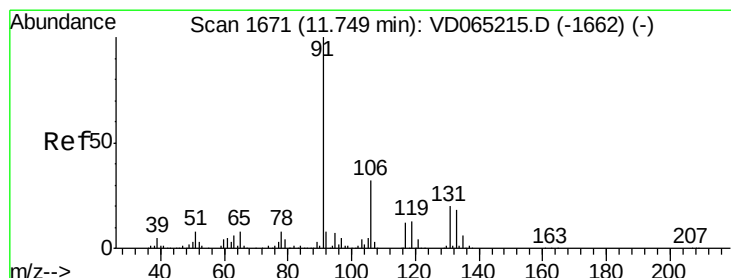
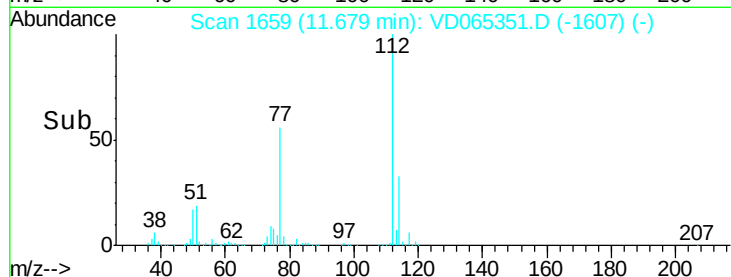
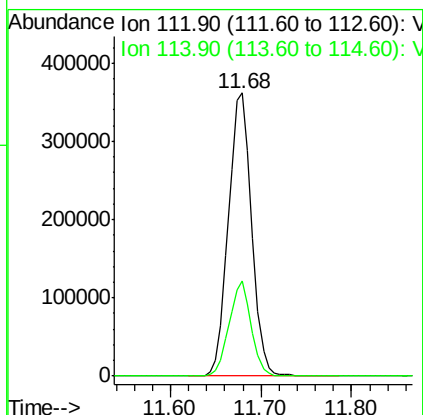
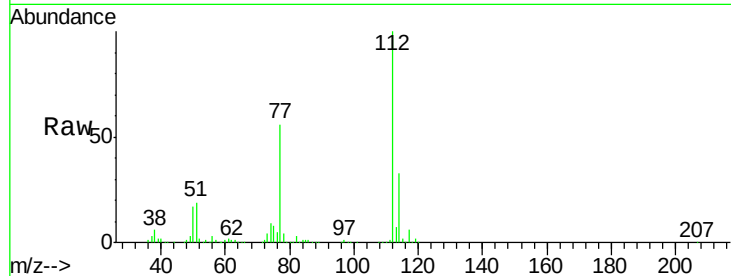




#65
Chlorobenzene
Concen: 50.55 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

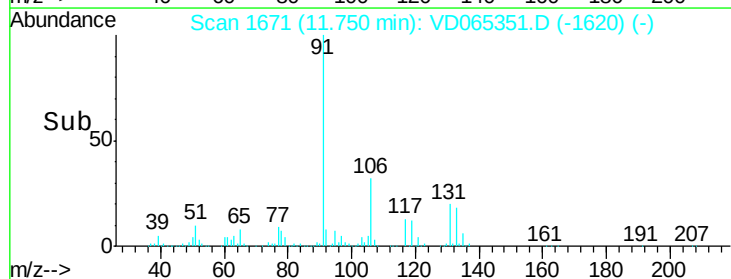
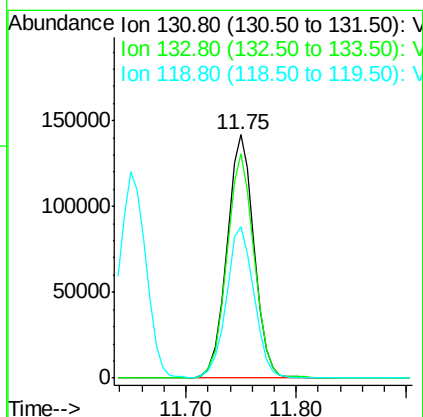
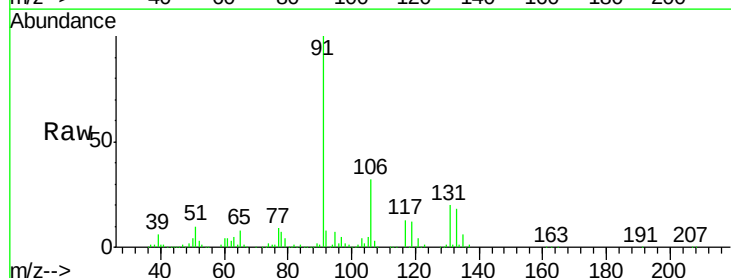
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

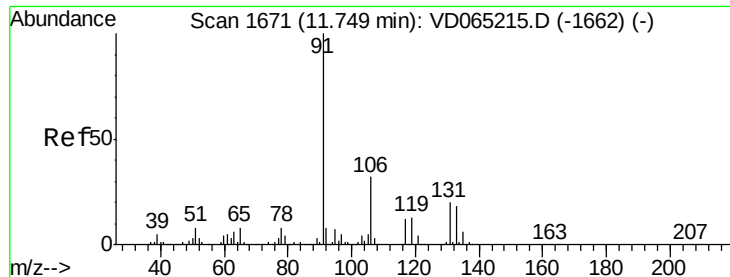
Tgt Ion:112 Resp: 644779
Ion Ratio Lower Upper
112 100
114 33.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.16 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion:131 Resp: 243500
Ion Ratio Lower Upper
131 100
133 92.8 47.7 143.1
119 63.5 32.7 98.1





#67

Ethyl Benzene

Concen: 52.55 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

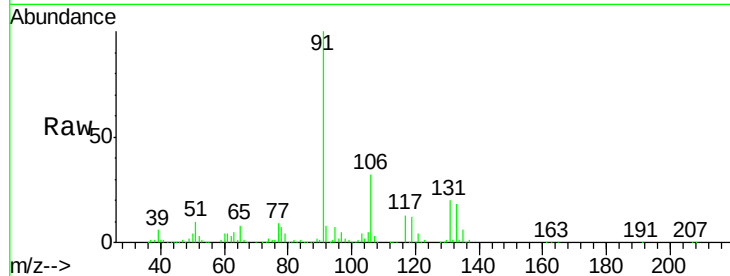
VSTDCCC050

Tgt Ion: 91 Resp: 1173883

Ion Ratio Lower Upper

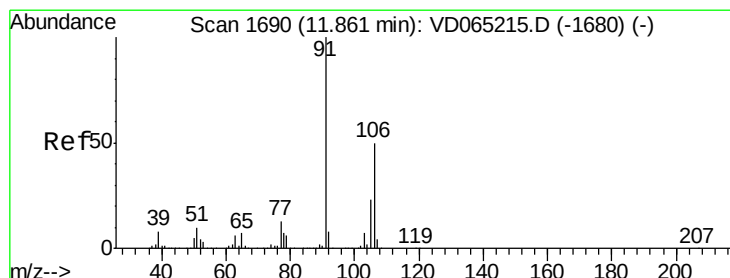
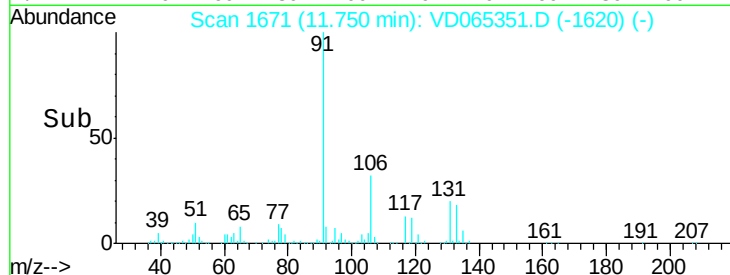
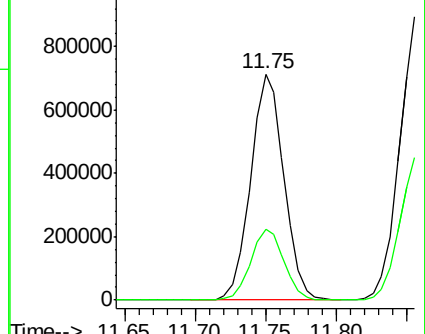
91 100

106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.46 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065351.D

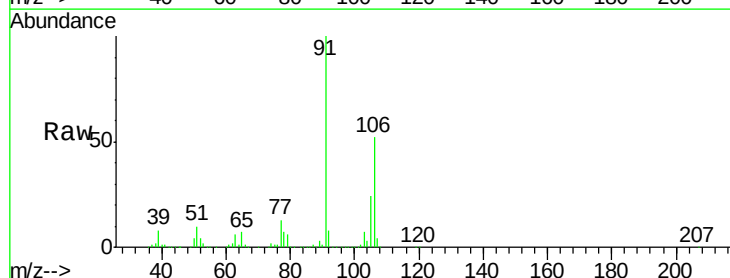
Acq: 28 Feb 2020 09:55

Tgt Ion: 106 Resp: 901405

Ion Ratio Lower Upper

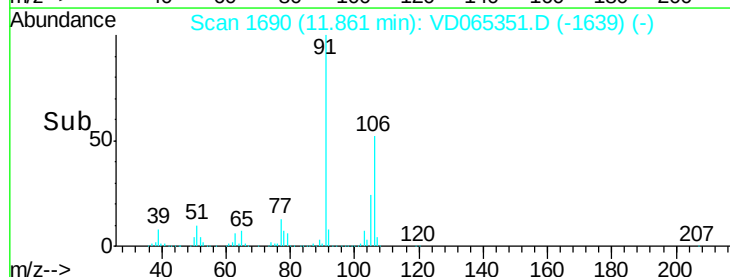
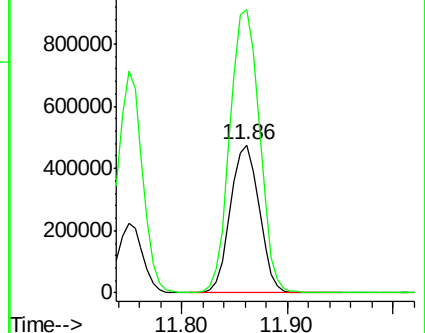
106 100

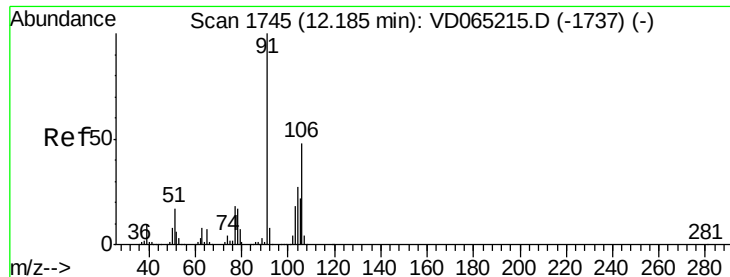
91 196.7 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

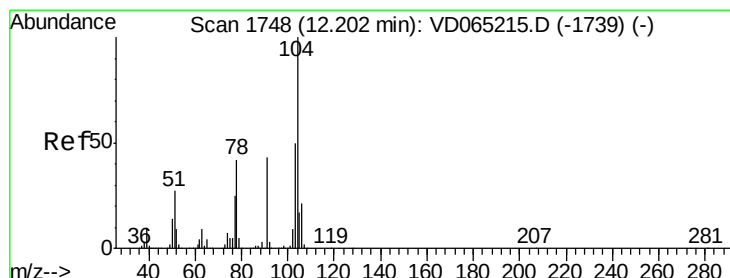
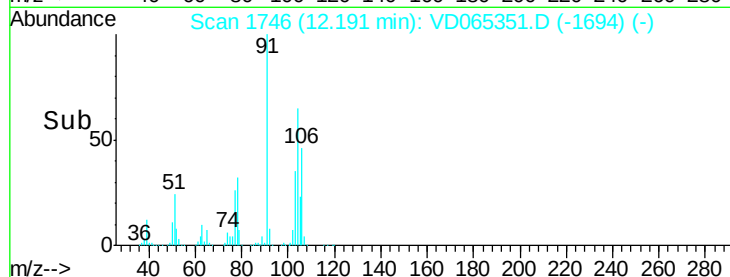
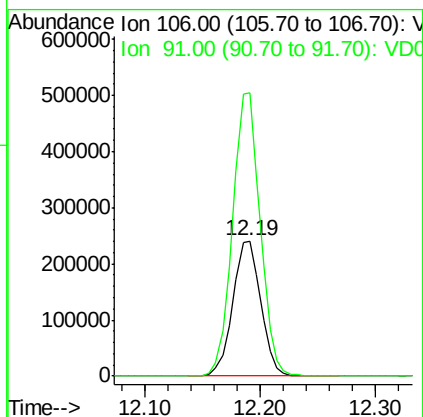
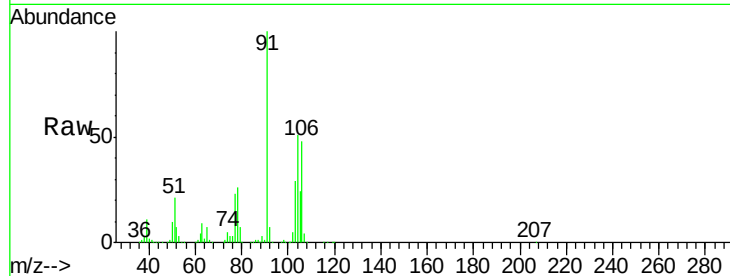




#69
o-Xylene
Concen: 53.27 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

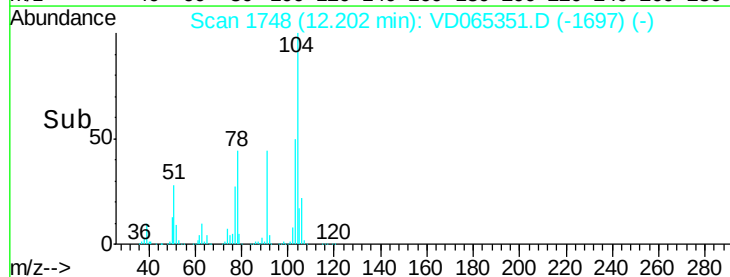
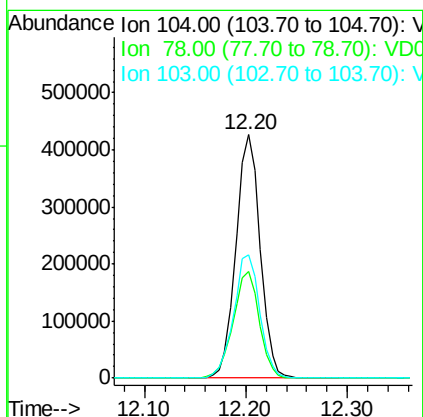
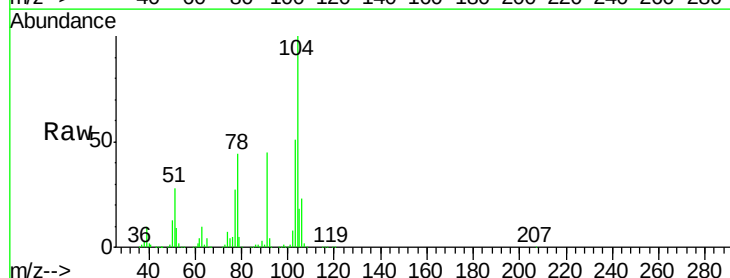
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

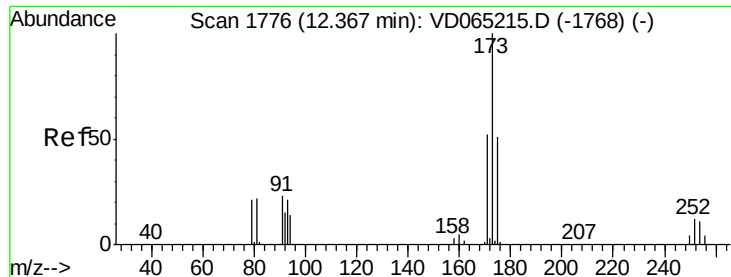
Tgt Ion:106 Resp: 403390
Ion Ratio Lower Upper
106 100
91 206.9 104.7 313.9



#70
Styrene
Concen: 52.67 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion:104 Resp: 708039
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.6
103 54.8 43.4 65.2





#71

Bromoform

Concen: 47.69 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

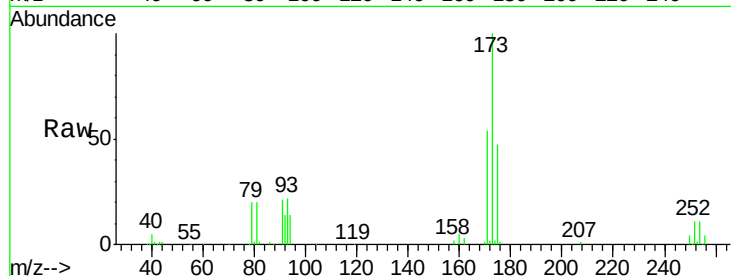
Tgt Ion:173 Resp: 125960

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

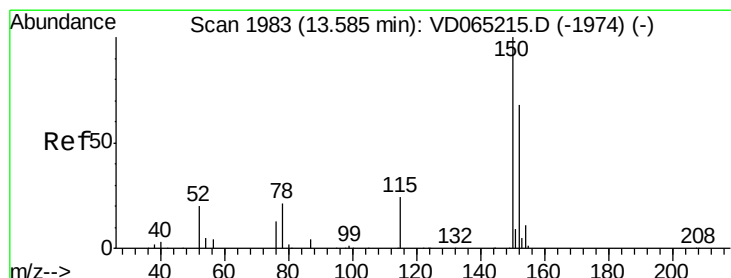
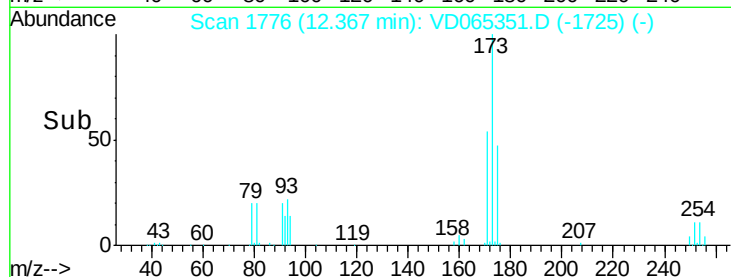
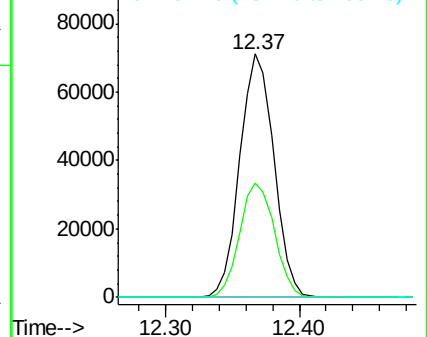
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

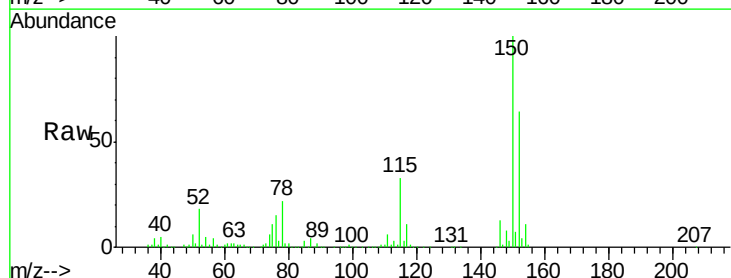
Tgt Ion:152 Resp: 314437

Ion Ratio Lower Upper

152 100

115 55.1 27.6 82.8

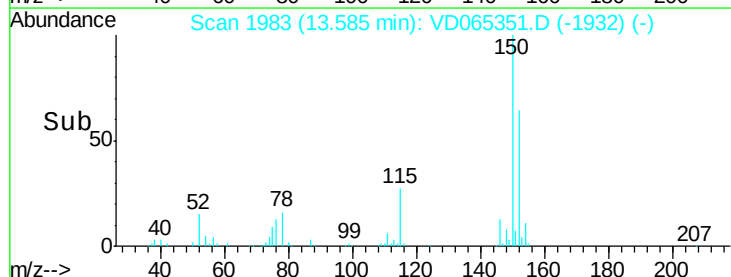
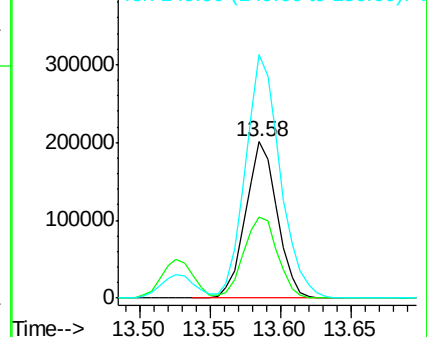
150 171.5 0.0 347.4

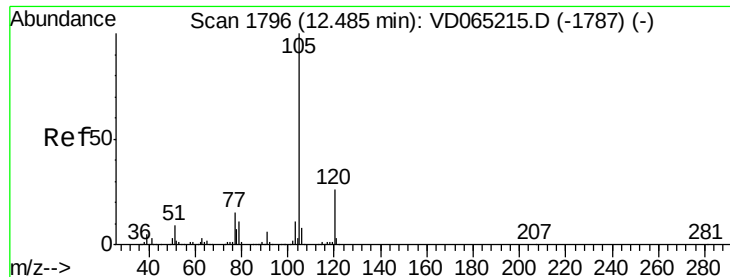


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.87 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

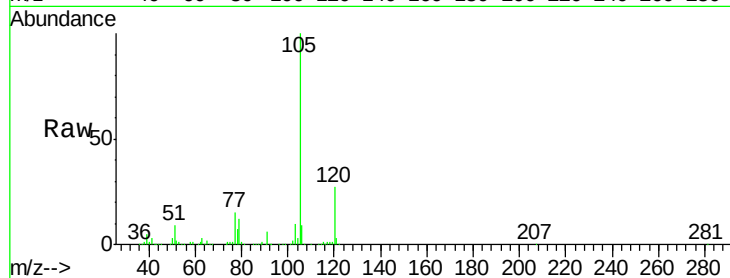
VSTDCCC050

Tgt Ion:105 Resp: 1121451

Ion Ratio Lower Upper

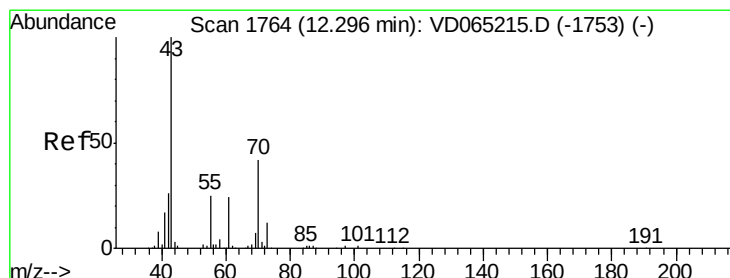
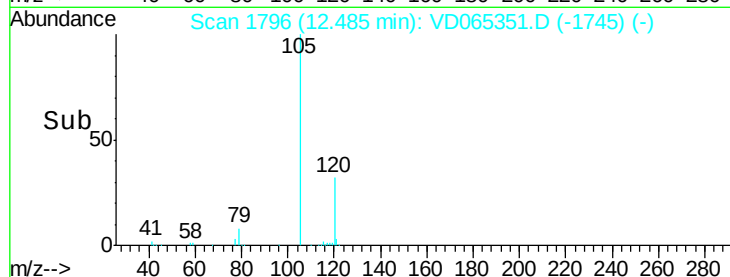
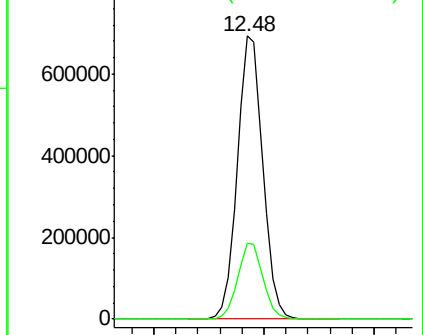
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.30 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Tgt Ion: 43 Resp: 204901

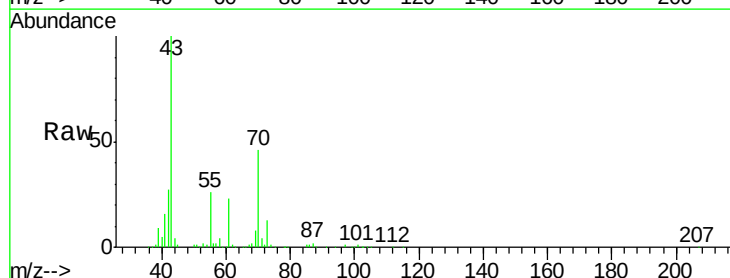
Ion Ratio Lower Upper

43 100

70 45.4 33.7 50.5

55 27.6 20.7 31.1

61 24.0 19.0 28.4

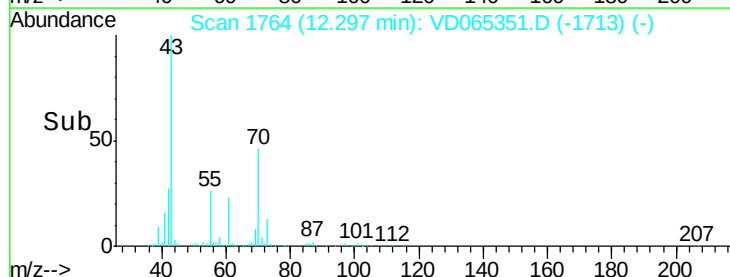
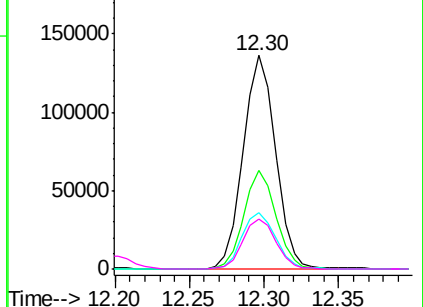


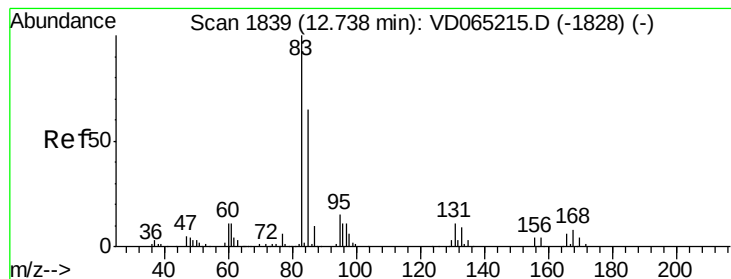
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 45.56 ug/l

RT: 12.74 min Scan# 1840

Delta R.T. 0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

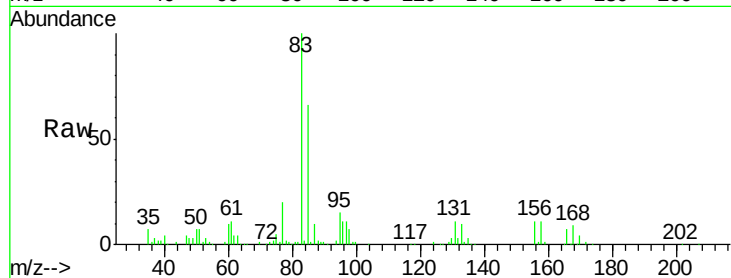
Tgt Ion: 83 Resp: 171155

Ion Ratio Lower Upper

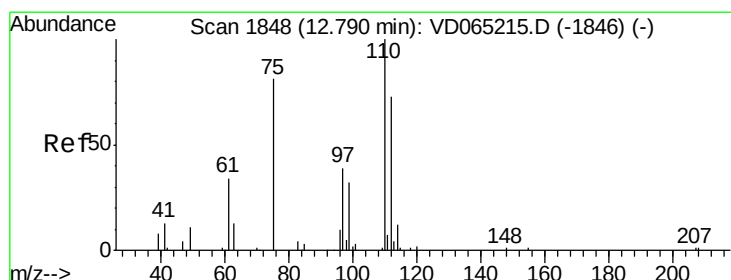
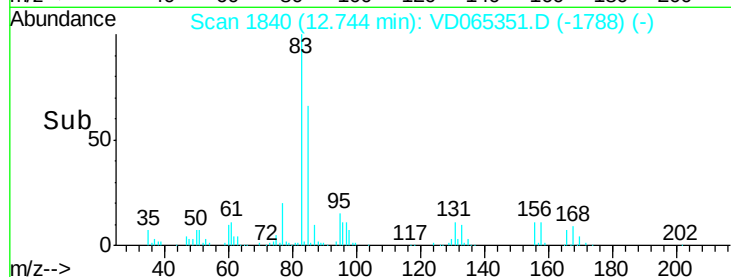
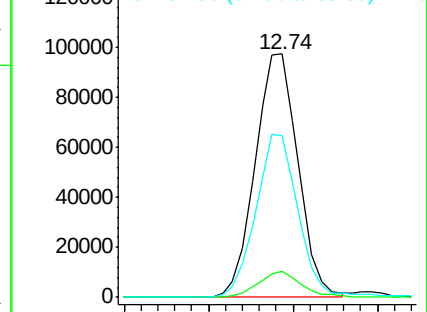
83 100

131 10.8 5.4 16.2

85 65.7 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: 84.28 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065351.D

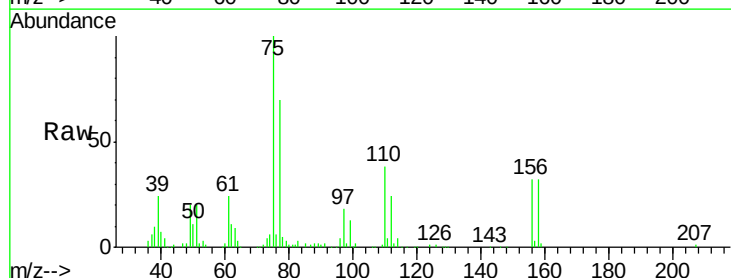
Acq: 28 Feb 2020 09:55

Tgt Ion: 75 Resp: 225484

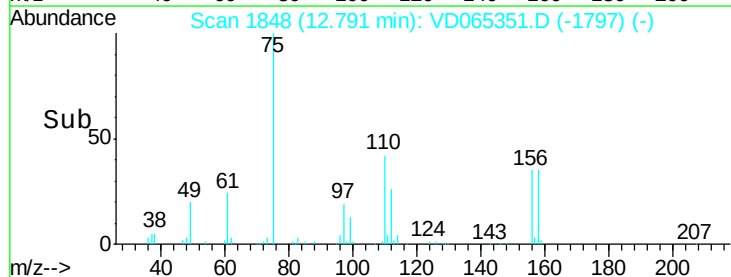
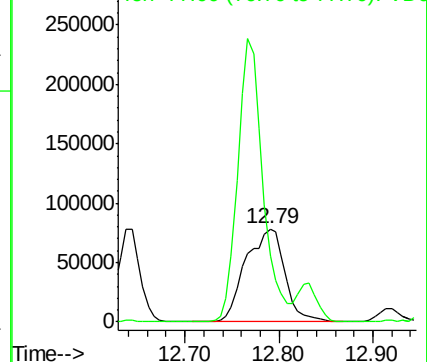
Ion Ratio Lower Upper

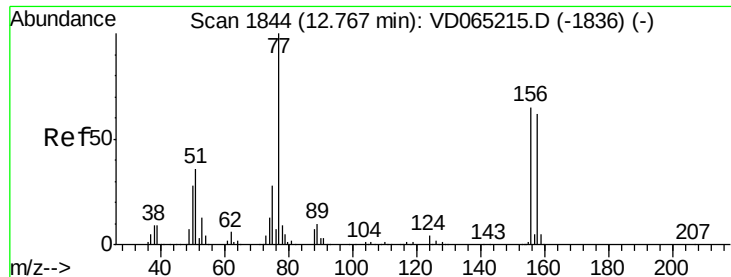
75 100

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

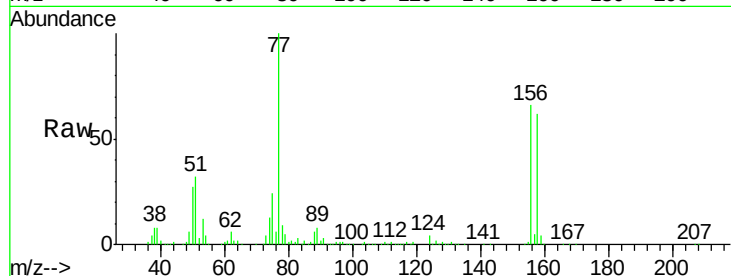




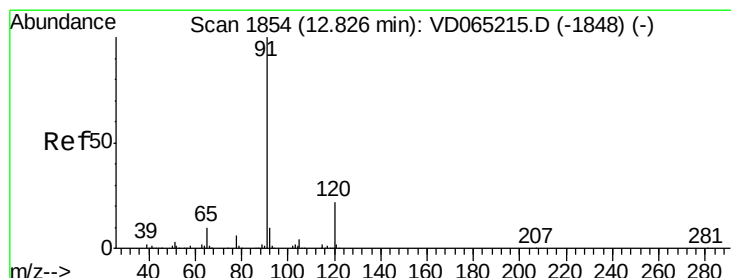
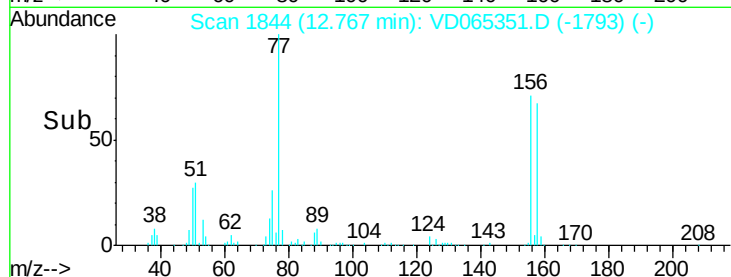
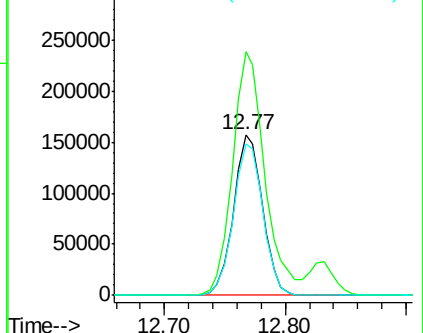
#77
Bromobenzene
Concen: 50.64 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 261796
Ion Ratio Lower Upper
156 100
77 168.2 86.6 259.7
158 96.8 48.1 144.3

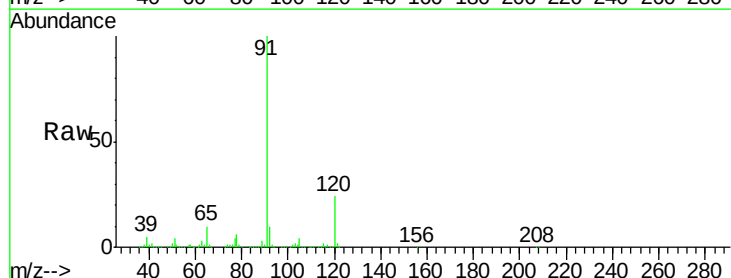


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

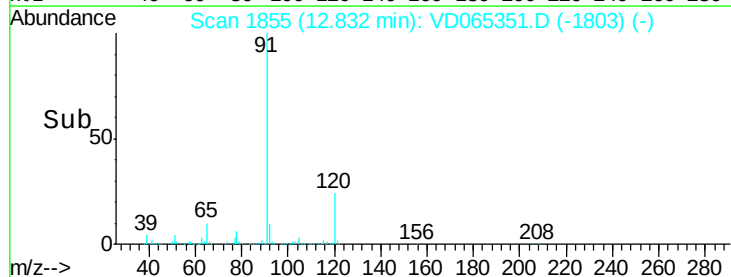
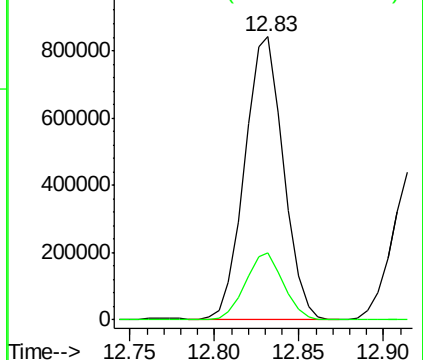


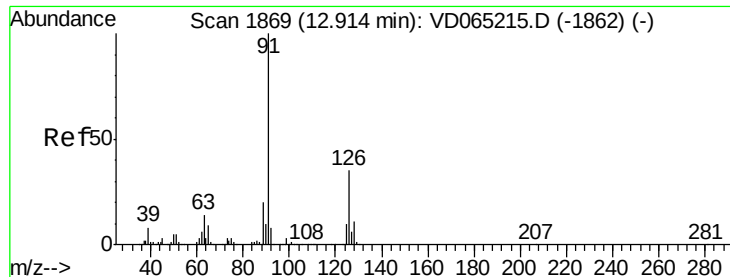
#78
n-propylbenzene
Concen: 53.32 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion: 91 Resp: 1333981
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

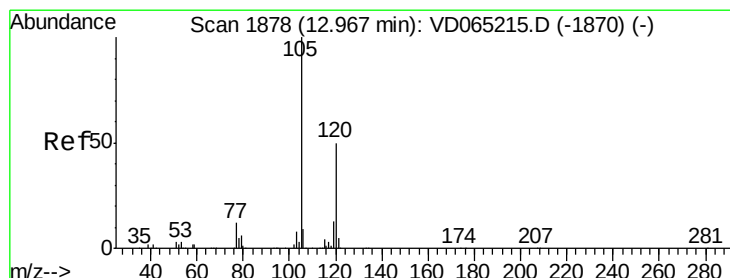
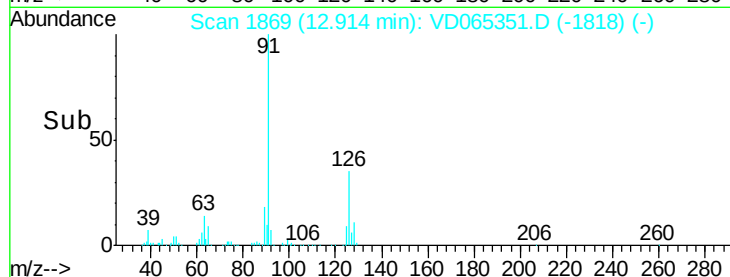
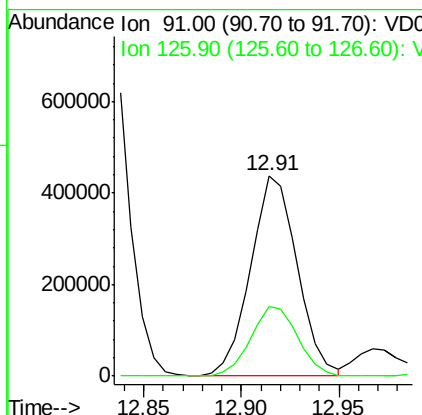
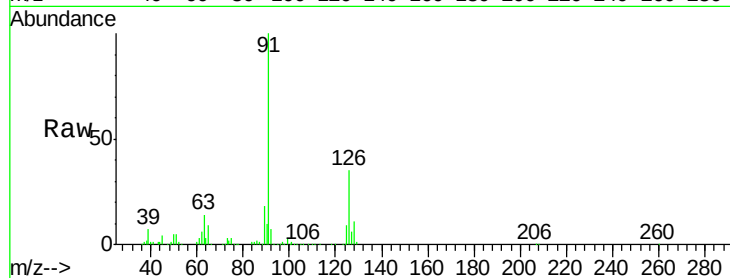




#79
 2-Chlorotoluene
 Concen: 51.54 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

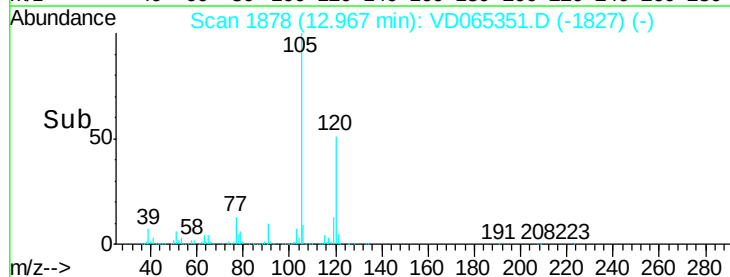
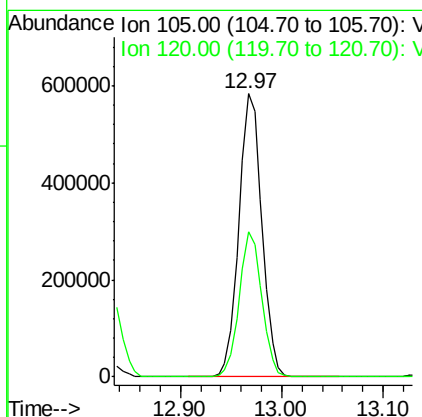
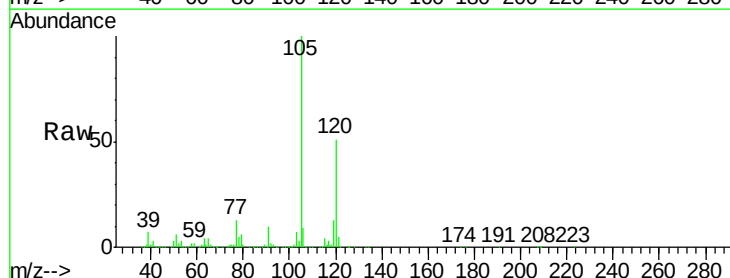
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

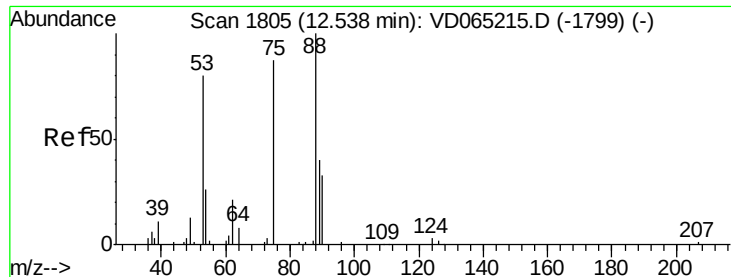
Tgt Ion: 91 Resp: 722327
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.50 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 105 Resp: 917284
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.48 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

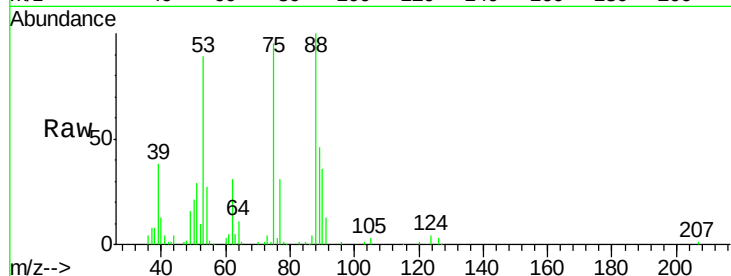
Tgt Ion: 75 Resp: 55108

Ion Ratio Lower Upper

75 100

53 89.9 77.6 116.4

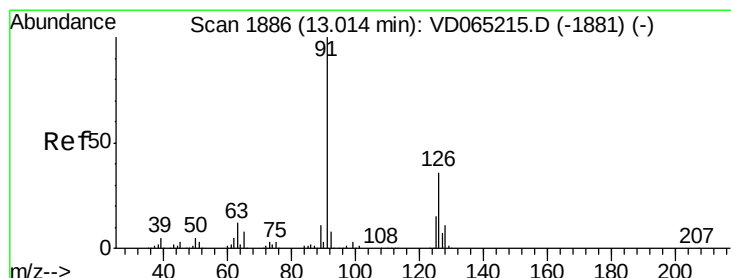
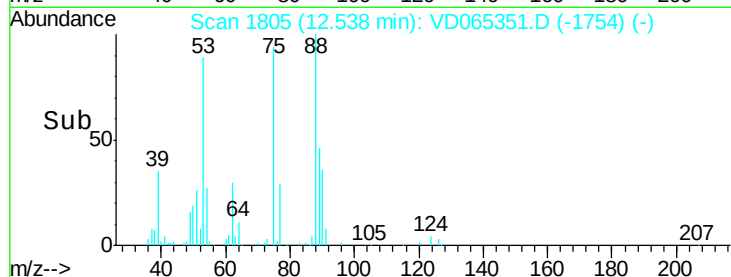
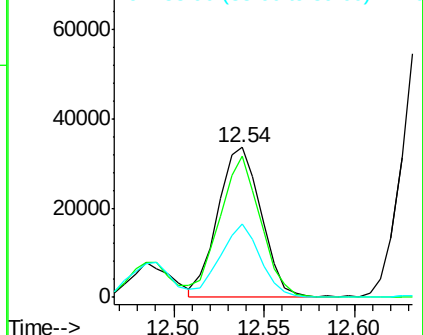
89 46.3 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.20 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065351.D

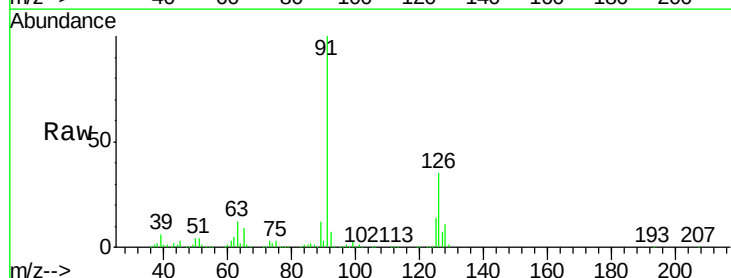
Acq: 28 Feb 2020 09:55

Tgt Ion: 91 Resp: 761815

Ion Ratio Lower Upper

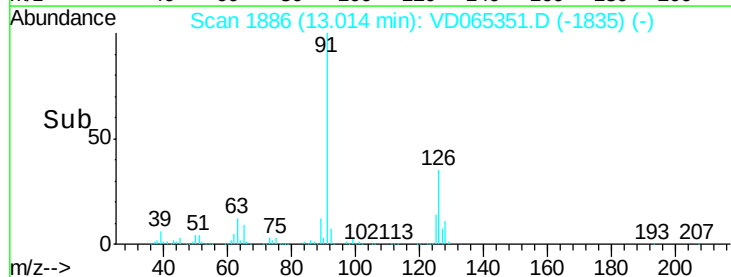
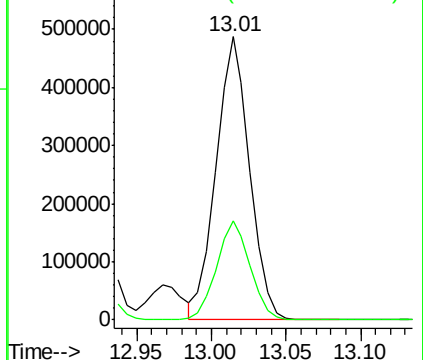
91 100

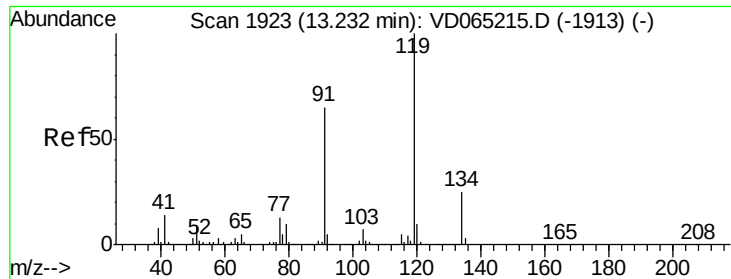
126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

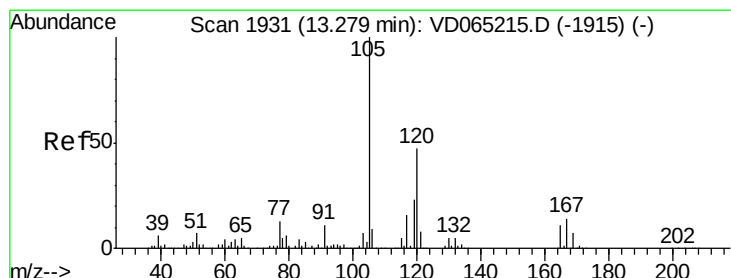
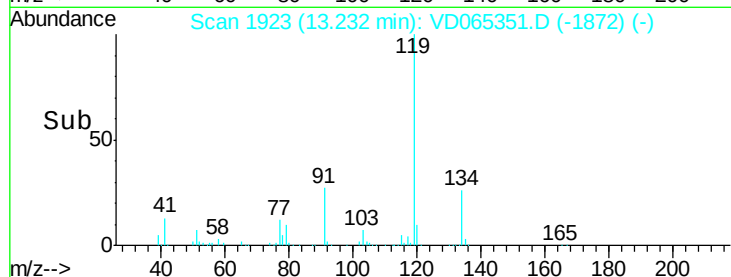
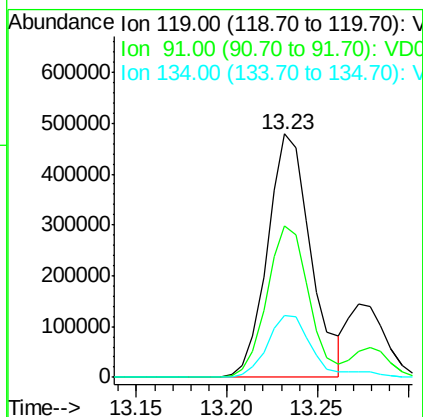
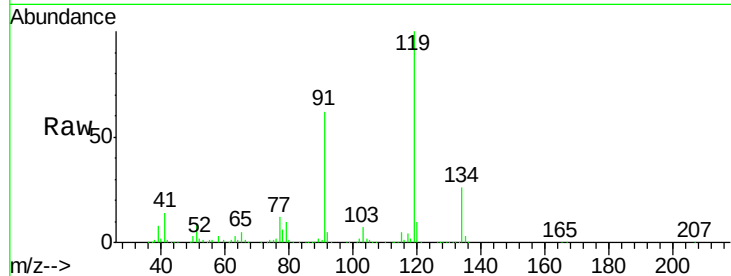




#83
 tert-Butylbenzene
 Concen: 55.35 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

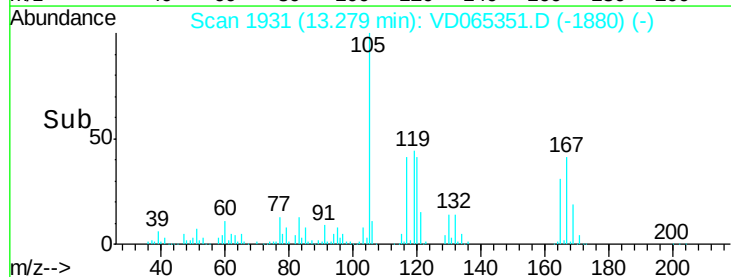
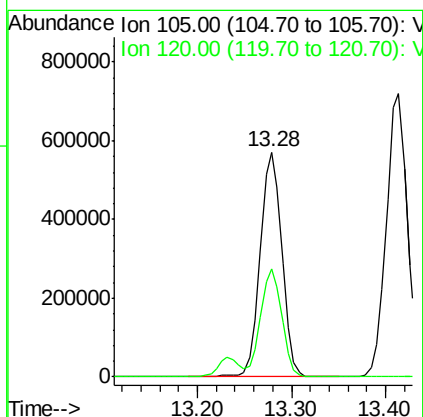
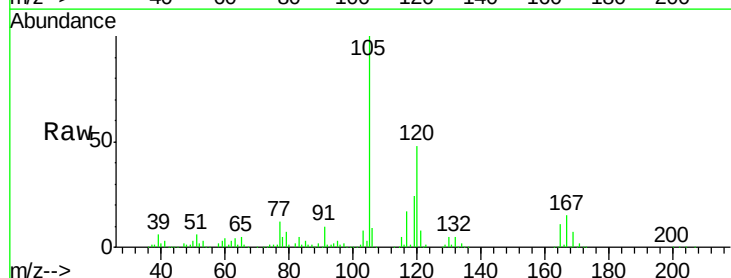
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

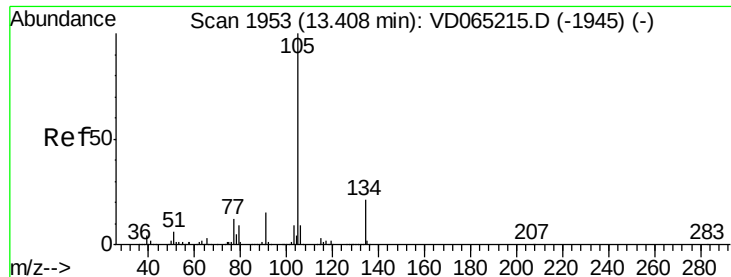
Tgt Ion:119 Resp: 795325
 Ion Ratio Lower Upper
 119 100
 91 60.5 31.9 95.5
 134 26.9 13.8 41.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.05 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion:105 Resp: 910357
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.3 69.9





#85

sec-Butylbenzene

Concen: 53.83 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

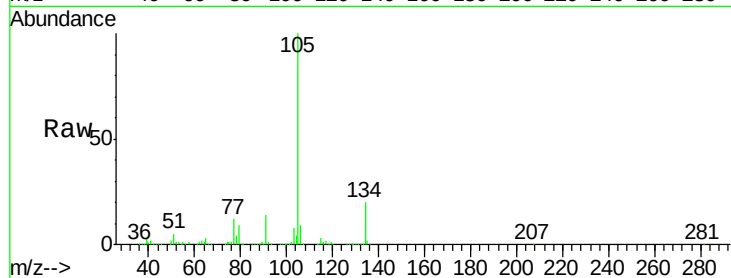
VSTDCCC050

Tgt Ion:105 Resp: 1114542

Ion Ratio Lower Upper

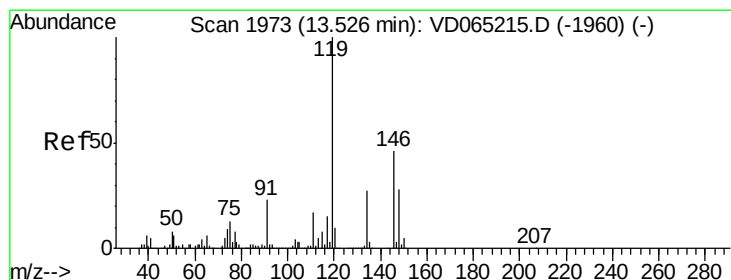
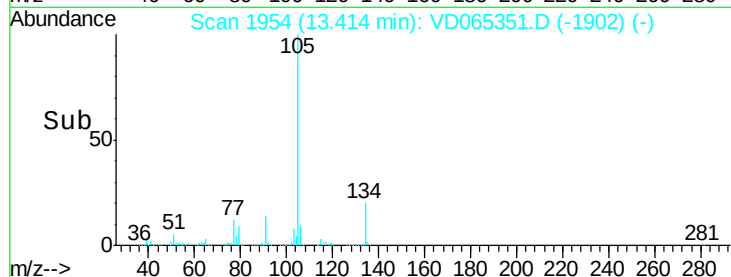
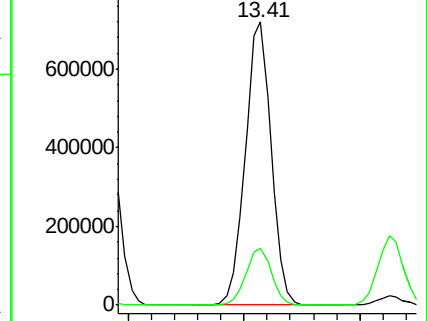
105 100

134 20.3 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.13 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

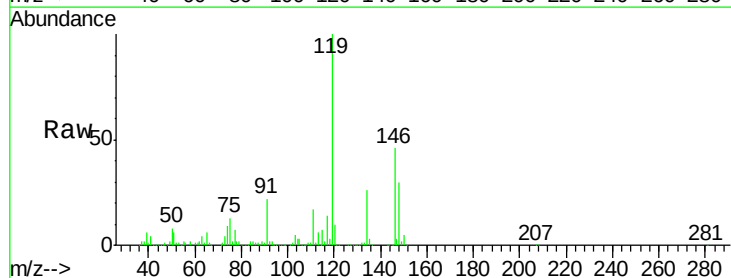
Tgt Ion:119 Resp: 1025070

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

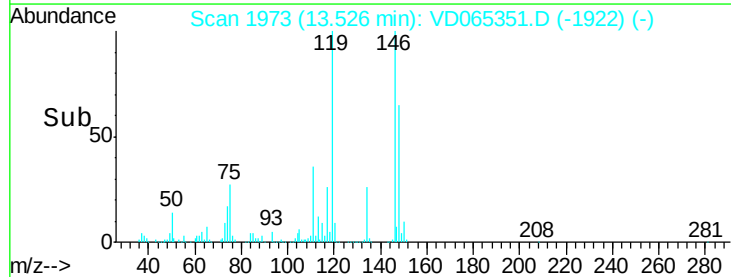
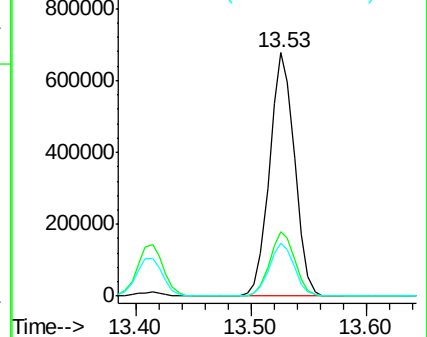
91 21.6 11.1 33.1

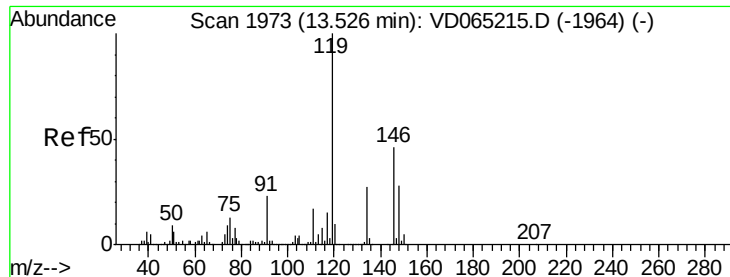


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

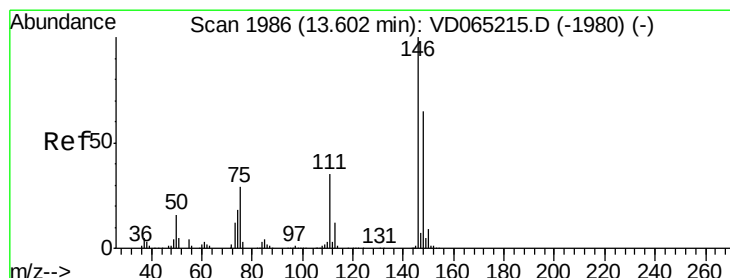
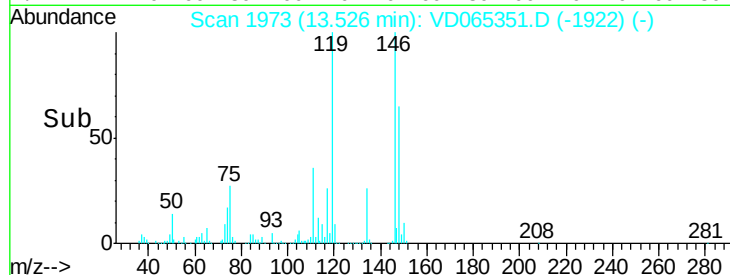
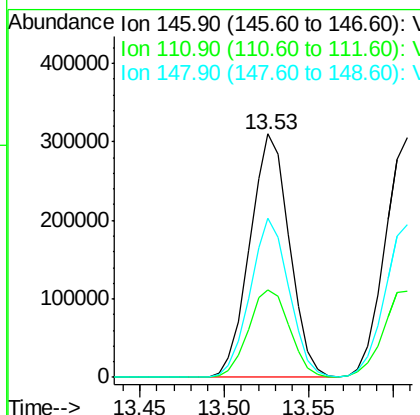
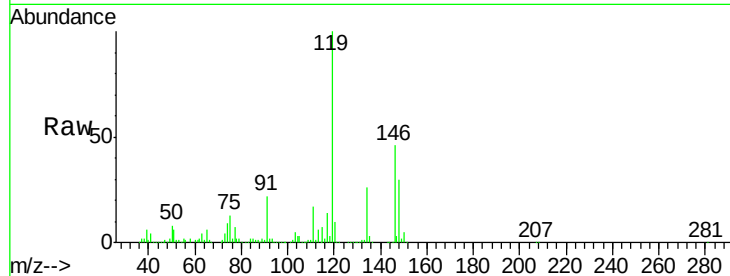




#87
 1,3-Dichlorobenzene
 Concen: 50.44 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

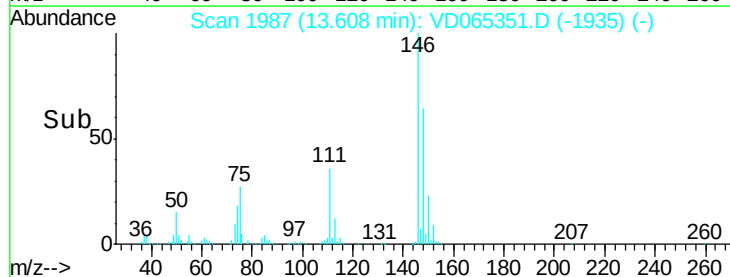
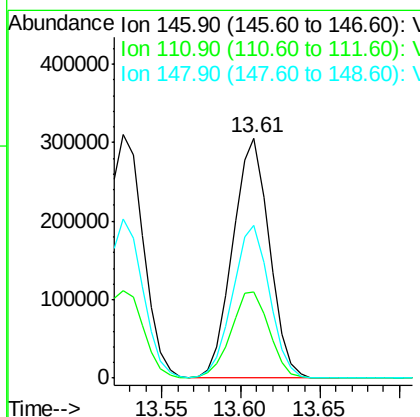
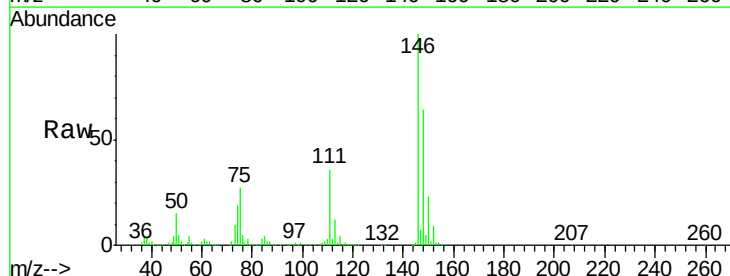
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

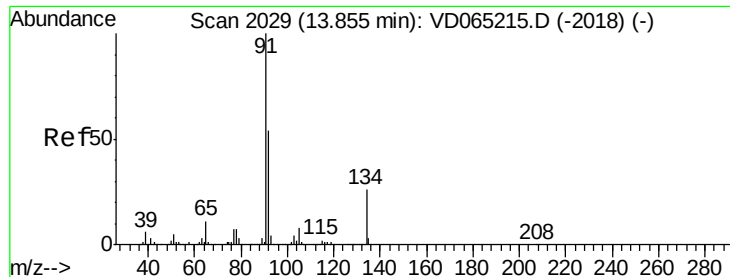
Tgt Ion:146 Resp: 504027
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 64.4 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 49.60 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion:146 Resp: 489225
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.2
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 54.39 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065351.D

Acq: 28 Feb 2020 09:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

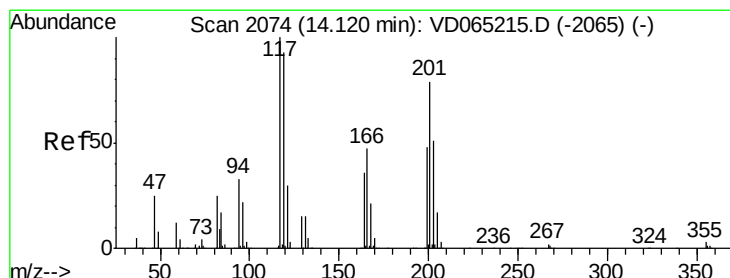
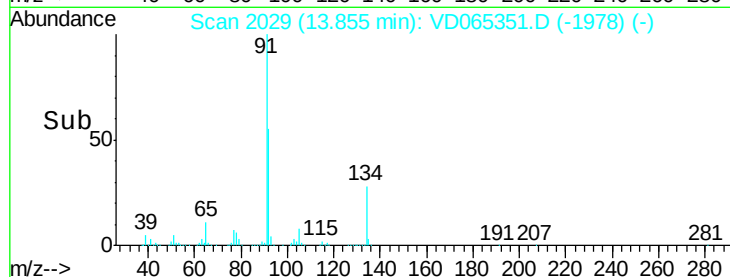
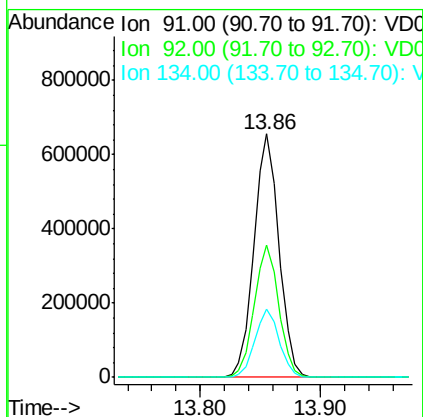
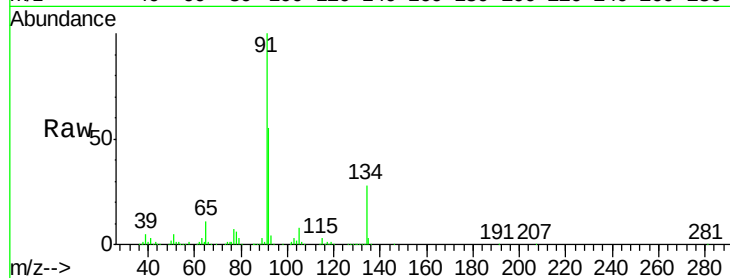
Tgt Ion: 91 Resp: 949022

Ion Ratio Lower Upper

91 100

92 53.5 27.0 80.8

134 27.2 13.5 40.4



#90

Hexachloroethane

Concen: 50.78 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD065351.D

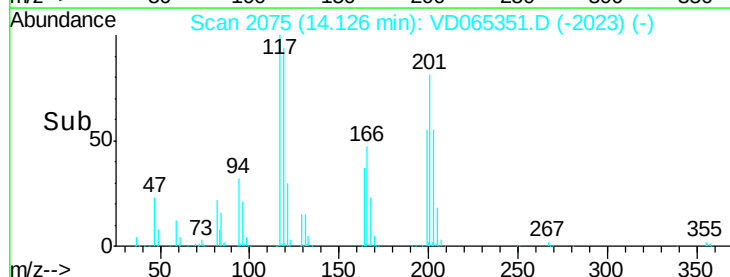
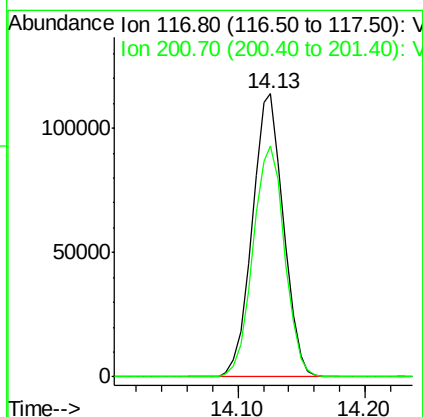
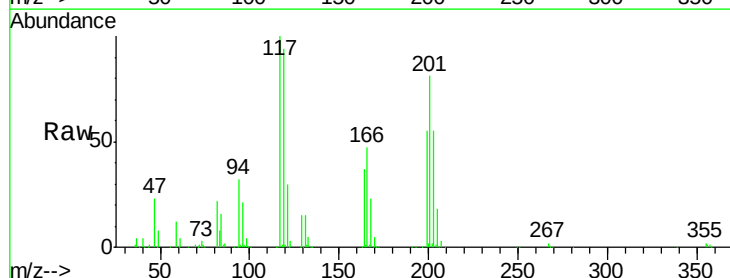
Acq: 28 Feb 2020 09:55

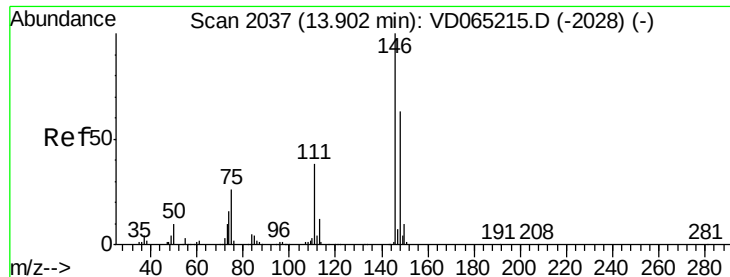
Tgt Ion: 117 Resp: 195245

Ion Ratio Lower Upper

117 100

201 82.6 41.3 124.1

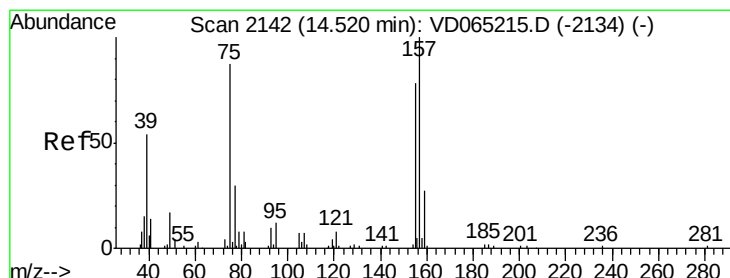
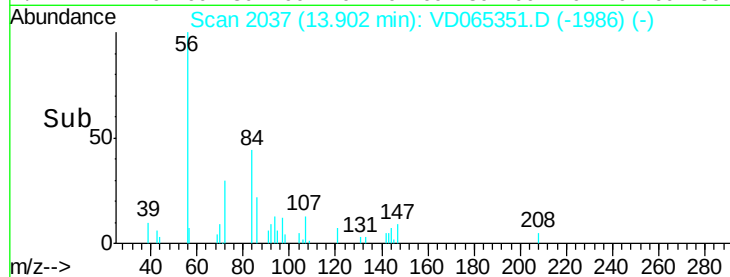
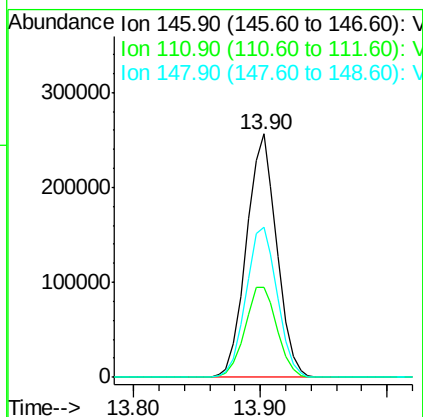
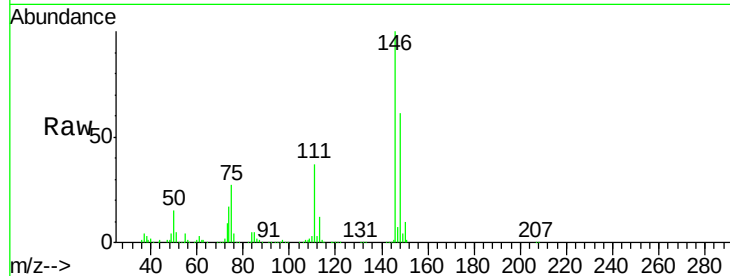




#91
 1,2-Dichlorobenzene
 Concen: 49.44 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

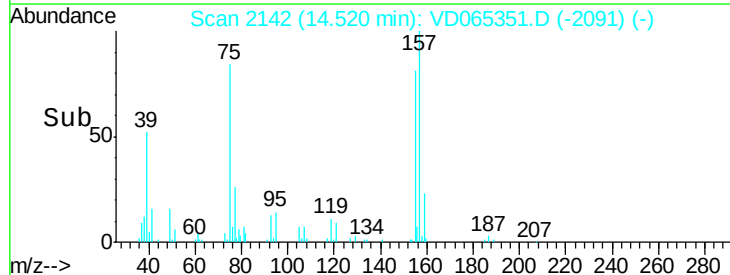
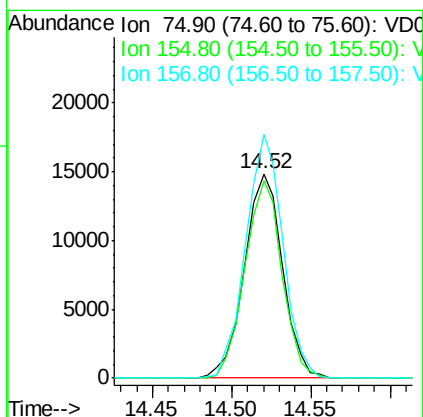
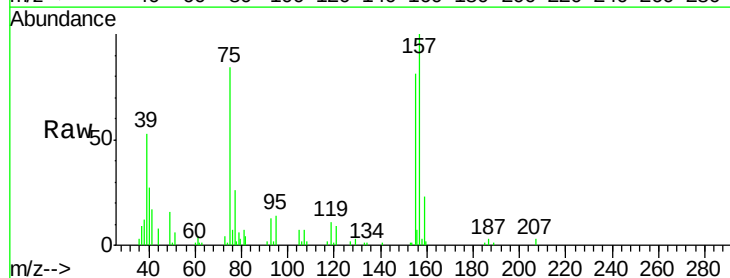
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

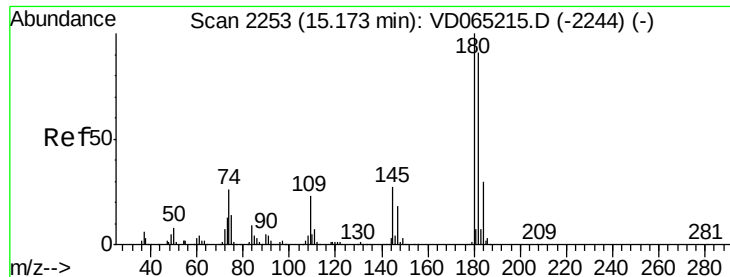
Tgt Ion:146 Resp: 424241
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.89 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion: 75 Resp: 24833
 Ion Ratio Lower Upper
 75 100
 155 93.6 42.3 126.9
 157 116.5 56.7 170.1

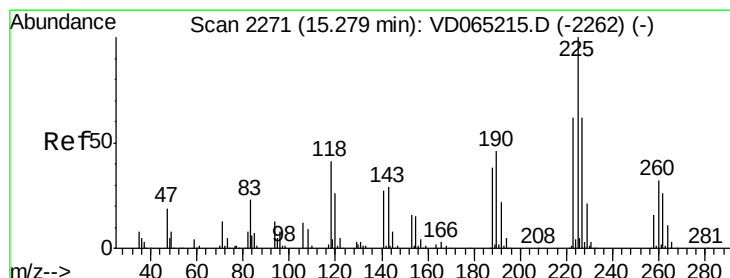
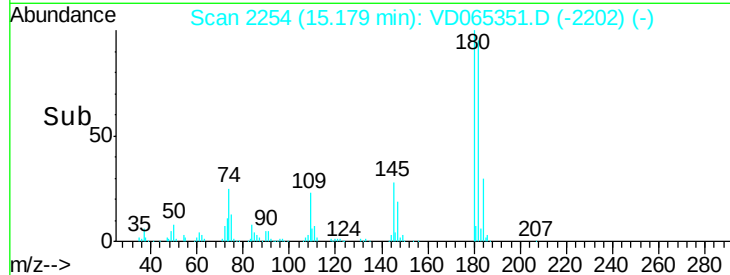
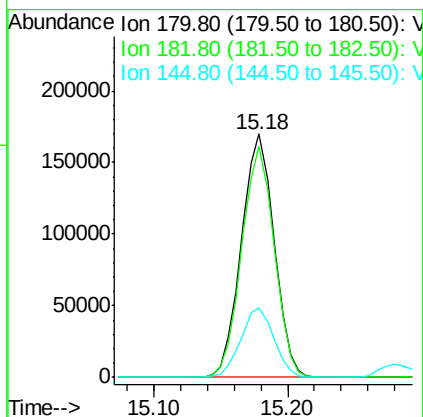
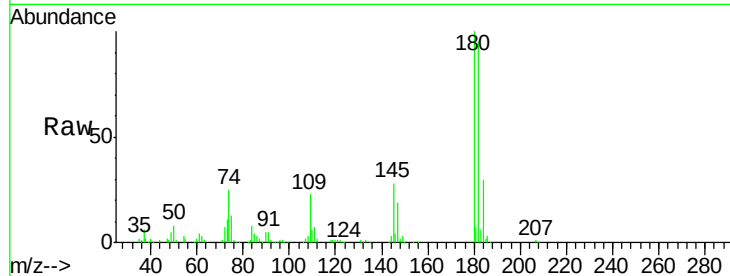




#93
 1,2,4-Trichlorobenzene
 Concen: 51.28 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

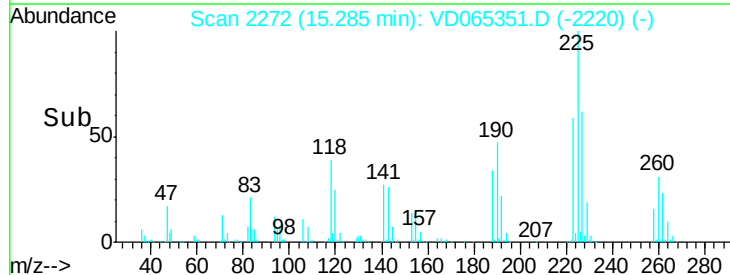
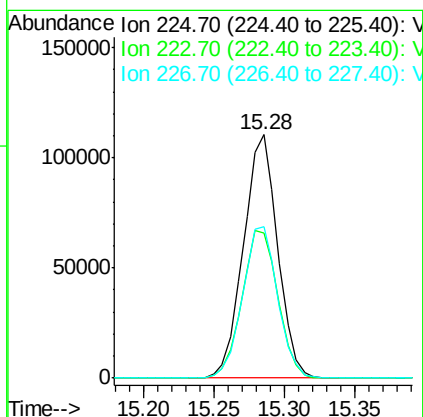
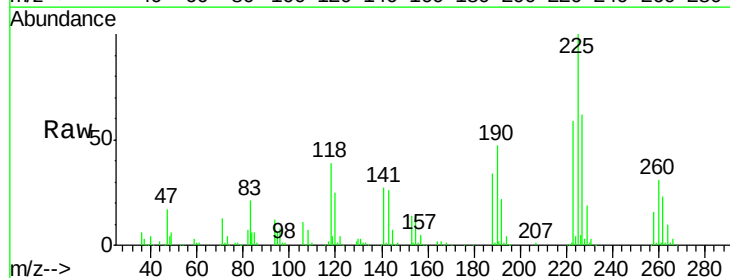
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

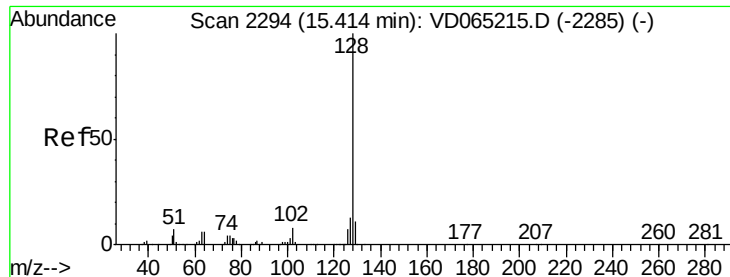
Tgt Ion:180 Resp: 287801
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.9 140.6
 145 28.8 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 52.12 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD065351.D
 Acq: 28 Feb 2020 09:55

Tgt Ion:225 Resp: 187670
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.2
 227 63.7 31.7 95.1

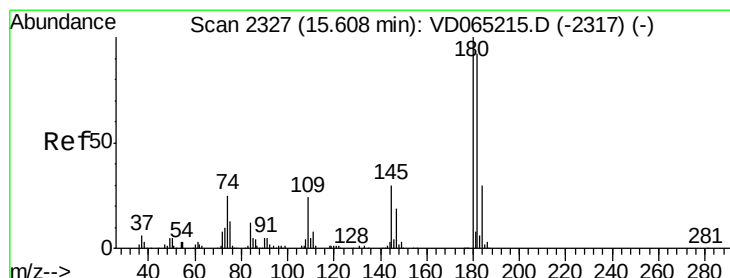
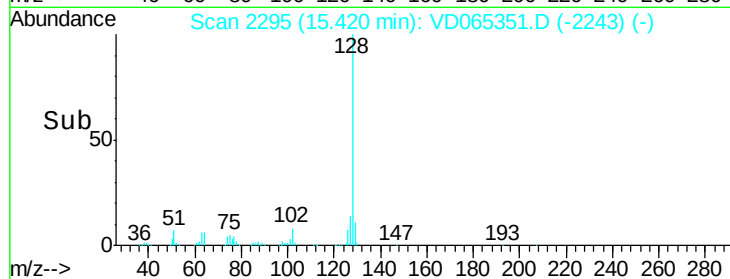
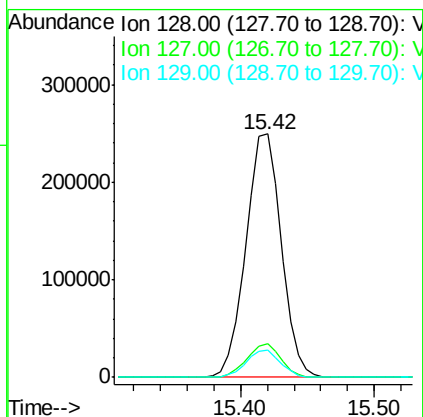
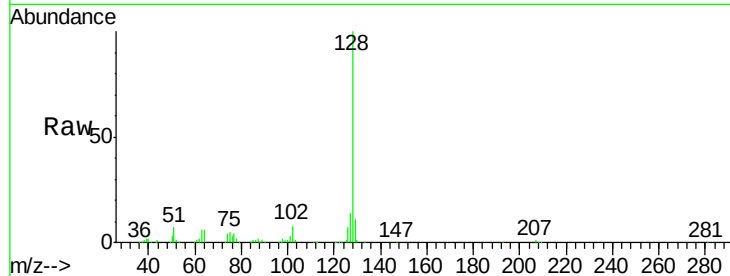




#95
Naphthalene
Concen: 49.99 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 456116
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.69 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065351.D
Acq: 28 Feb 2020 09:55

Tgt Ion:180 Resp: 248466
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 30.3 15.4 46.1

