

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064877.D
 Acq On : 17 Jan 2020 21:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 17 22:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	424127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	390631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	165195	67.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.02%	
35) Dibromofluoromethane	7.92	113	158048	60.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.48%	
50) Toluene-d8	10.34	98	574612	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.64	95	193616	61.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	97843	45.03	ug/l	98
3) Chloromethane	2.21	50	165535	54.48	ug/l	98
4) Vinyl Chloride	2.35	62	183936	49.65	ug/l	99
5) Bromomethane	2.77	94	132296	49.11	ug/l	100
6) Chloroethane	2.93	64	135768	54.69	ug/l	94
7) Trichlorofluoromethane	3.27	101	317027	50.82	ug/l	100
8) Diethyl Ether	3.71	74	76907	62.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	144196	55.81	ug/l	98
10) Methyl Iodide	4.30	142	147962	53.32	ug/l	99
11) Tert butyl alcohol	5.26	59	45336	320.89	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	133721	54.37	ug/l	95
13) Acrolein	3.92	56	28056	142.49	ug/l	99
14) Allyl chloride	4.71	41	231667	60.41	ug/l	99
15) Acrylonitrile	5.44	53	165424	320.60	ug/l	99
16) Acetone	4.17	43	149804	294.29	ug/l	93
17) Carbon Disulfide	4.40	76	384776	48.38	ug/l	97
18) Methyl Acetate	4.73	43	86902	62.62	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	360305	65.95	ug/l	98
20) Methylene Chloride	4.97	84	183911	75.43	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	159576	56.97	ug/l	97
22) Diisopropyl ether	6.37	45	504073	65.90	ug/l	96
23) Vinyl Acetate	6.31	43	1435003	330.73	ug/l	98
24) 1,1-Dichloroethane	6.27	63	297706	64.83	ug/l	98
25) 2-Butanone	7.23	43	218102	321.86	ug/l	94
26) 2,2-Dichloropropane	7.21	77	248385	58.18	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	189290	62.62	ug/l	99
28) Bromochloromethane	7.56	49	112504	63.03	ug/l	99
29) Tetrahydrofuran	7.57	42	135247	320.95	ug/l	98
30) Chloroform	7.71	83	316990	65.80	ug/l	95
31) Cyclohexane	7.98	56	229423	49.91	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	273124	60.36	ug/l	99
36) 1,1-Dichloropropene	8.12	75	225222	55.17	ug/l	98
37) Ethyl Acetate	7.30	43	96029	59.88	ug/l	96
38) Carbon Tetrachloride	8.10	117	244751	56.23	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	245454	49.64	ug/l	93
40) Benzene	8.36	78	660094	59.23	ug/l	99
41) Methacrylonitrile	7.53	41	52728	56.67	ug/l #	91
42) 1,2-Dichloroethane	8.43	62	204173	63.40	ug/l	99
43) Isopropyl Acetate	8.46	43	194046	60.79	ug/l	99
44) Trichloroethene	9.12	130	184359	56.31	ug/l	98
45) 1,2-Dichloropropane	9.39	63	169759	63.80	ug/l	97
46) Dibromomethane	9.48	93	91854	61.92	ug/l	97
47) Bromodichloromethane	9.67	83	246387	62.42	ug/l	96
48) Methyl methacrylate	9.46	41	88760	59.06	ug/l	89
49) 1,4-Dioxane	9.47	88	19437	1136.31	ug/l	95
51) 4-Methyl-2-Pentanone	10.24	43	493803	312.98	ug/l	99
52) Toluene	10.41	92	424856	58.11	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	229472	62.35	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	266994	61.53	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	125034	62.54	ug/l	98
56) Ethyl methacrylate	10.67	69	156146	62.54	ug/l	97
57) 1,3-Dichloropropane	10.95	76	215374	62.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	293392	308.43	ug/l	98
59) 2-Hexanone	10.99	43	327942	306.24	ug/l	100
60) Dibromochloromethane	11.14	129	171715	62.11	ug/l	100
61) 1,2-Dibromoethane	11.25	107	118136	59.91	ug/l	100
64) Tetrachloroethene	10.88	164	160226	53.46	ug/l	98
65) Chlorobenzene	11.67	112	461819	56.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	184610	60.40	ug/l	99
67) Ethyl Benzene	11.75	91	818997	55.66	ug/l	100
68) m/p-Xylenes	11.86	106	637727	112.28	ug/l	97
69) o-Xylene	12.18	106	292351	56.98	ug/l	100
70) Styrene	12.20	104	533600	59.25	ug/l	99
71) Bromoform	12.37	173	99965	57.35	ug/l #	99
73) Isopropylbenzene	12.48	105	780122	54.18	ug/l	100
74) N-amyl acetate	12.30	43	175045	56.87	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	130431	57.67	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	169431	106.49	ug/l #	100
77) Bromobenzene	12.77	156	197341	55.78	ug/l	98
78) n-propylbenzene	12.83	91	905417	53.90	ug/l	99
79) 2-Chlorotoluene	12.91	91	508153	55.07	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	644298	54.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	42516	55.89	ug/l	96
82) 4-Chlorotoluene	13.01	91	539538	54.94	ug/l	100
83) tert-Butylbenzene	13.23	119	548715	53.43	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	656673	55.75	ug/l	98
85) sec-Butylbenzene	13.41	105	750128	53.28	ug/l	100
86) p-Isopropyltoluene	13.53	119	723776	53.77	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	375690	55.71	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	365058	55.10	ug/l	99
89) n-Butylbenzene	13.85	91	641743	52.94	ug/l	99
90) Hexachloroethane	14.12	117	140427	54.61	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	330943	57.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20084	54.78	ug/l	96

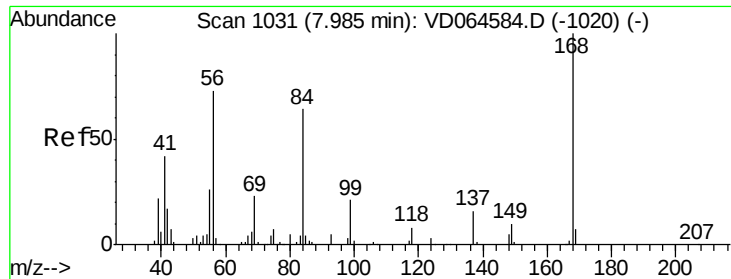
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	223249	52.72	ug/l	99
94) Hexachlorobutadiene	15.28	225	133292	50.02	ug/l	98
95) Naphthalene	15.41	128	365754	54.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	197175	54.54	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

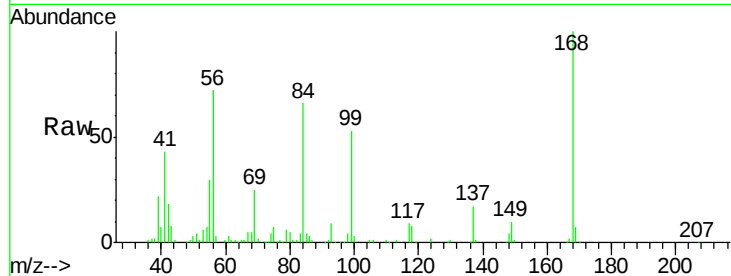
VSTDCCC050EC

Tgt Ion:168 Resp: 279567

Ion Ratio Lower Upper

168 100

99 52.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

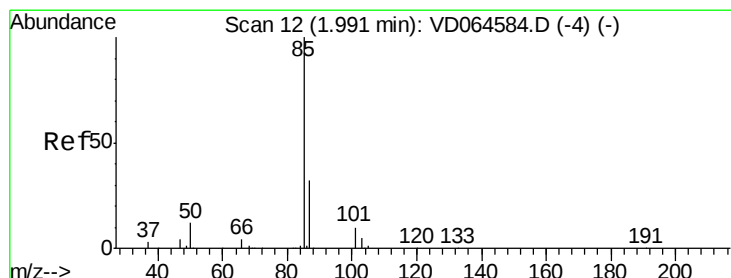
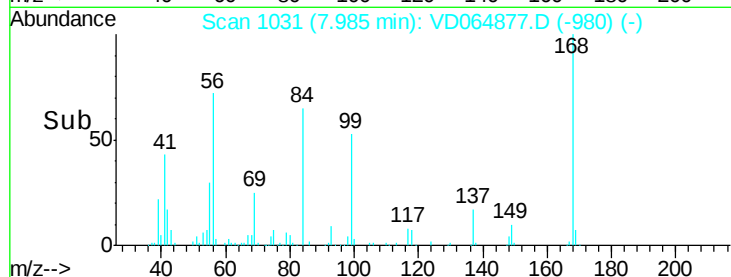
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.03 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064877.D

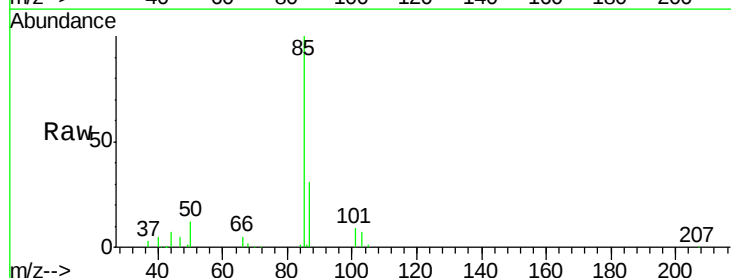
Acq: 17 Jan 2020 21:56

Tgt Ion: 85 Resp: 97843

Ion Ratio Lower Upper

85 100

87 30.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

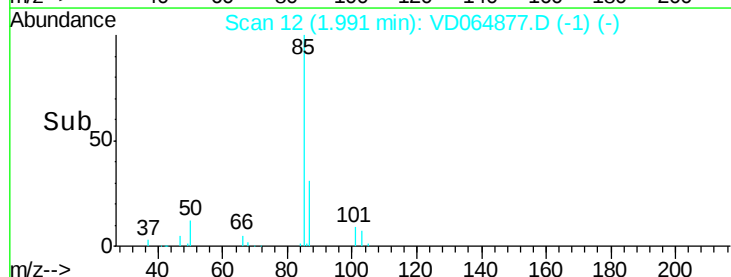
40000

20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 54.48 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

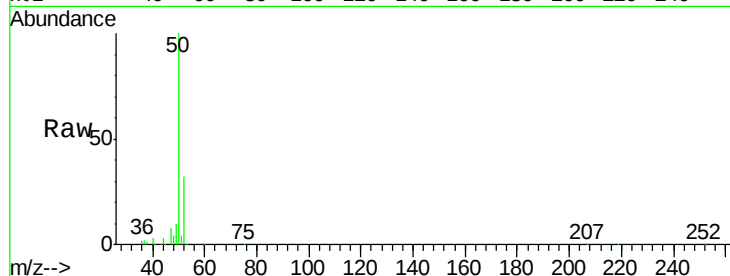
VSTDCCC050EC

Tgt Ion: 50 Resp: 165535

Ion Ratio Lower Upper

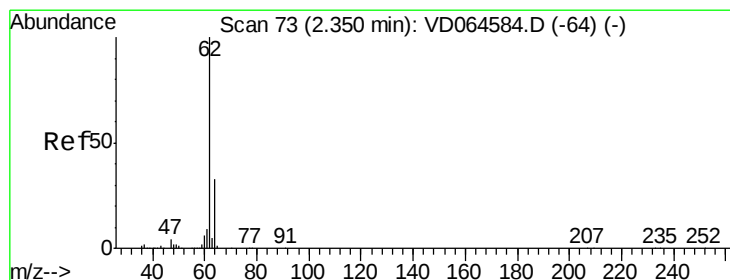
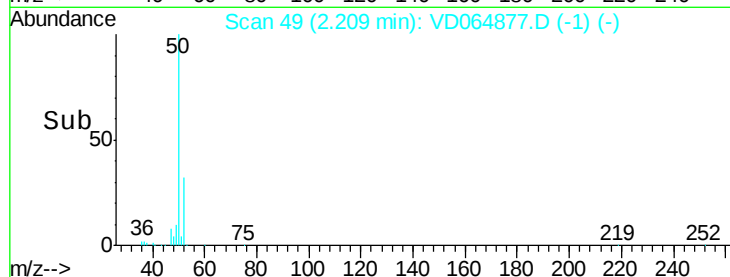
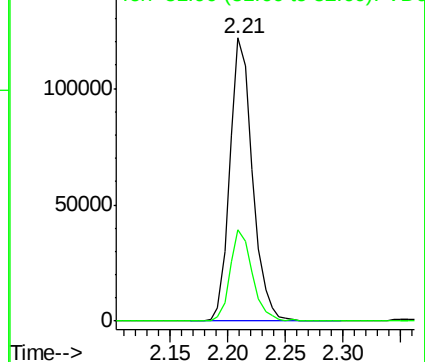
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.65 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064877.D

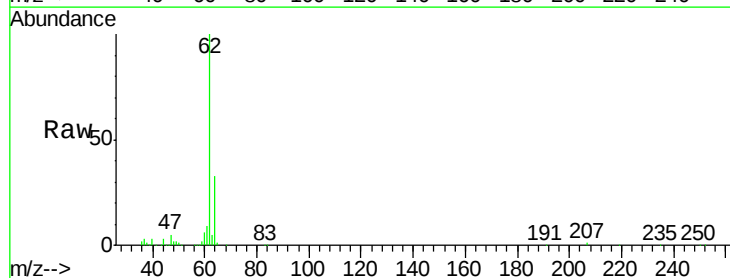
Acq: 17 Jan 2020 21:56

Tgt Ion: 62 Resp: 183936

Ion Ratio Lower Upper

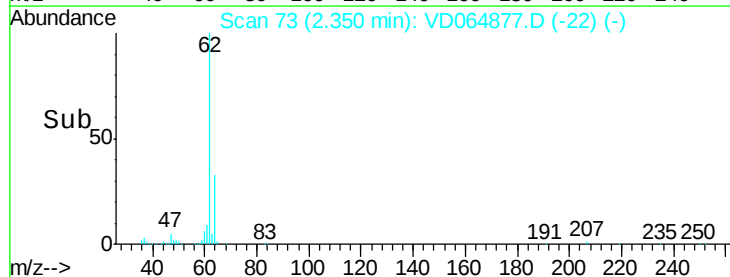
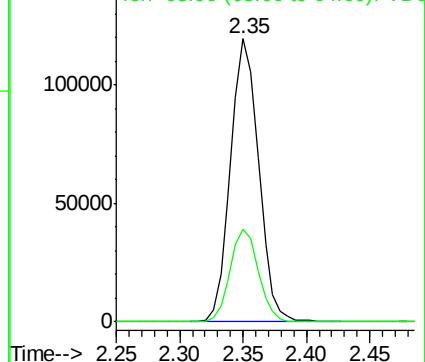
62 100

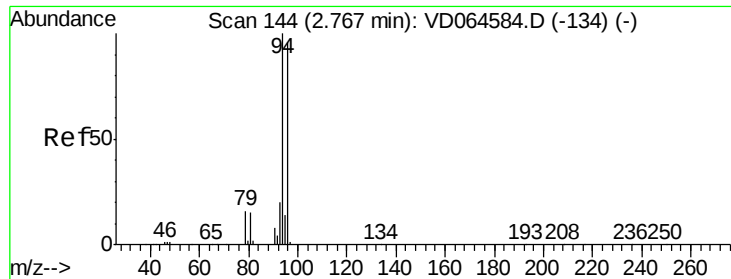
64 32.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 49.11 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

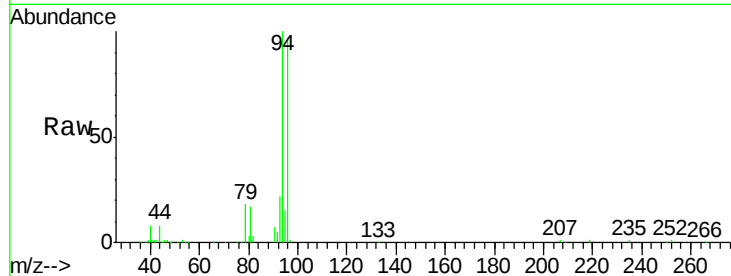
VSTDCCC050EC

Tgt Ion: 94 Resp: 132296

Ion Ratio Lower Upper

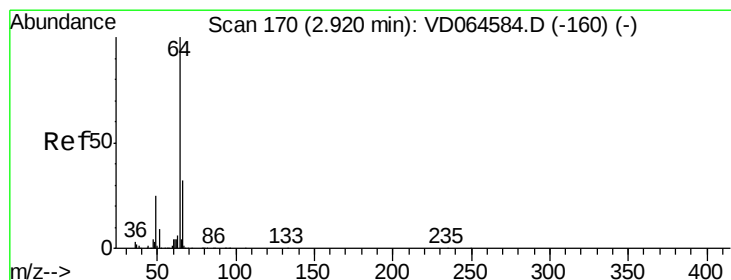
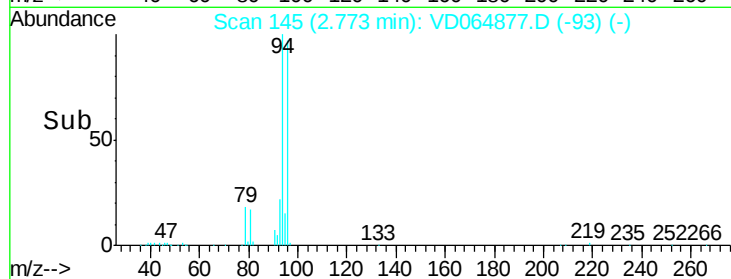
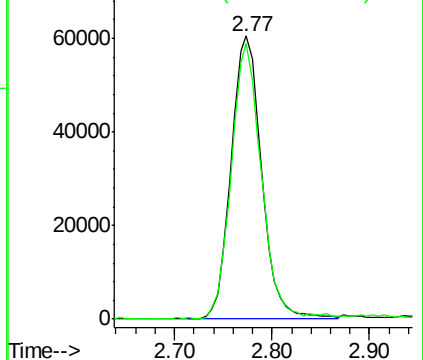
94 100

96 96.7 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 54.69 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064877.D

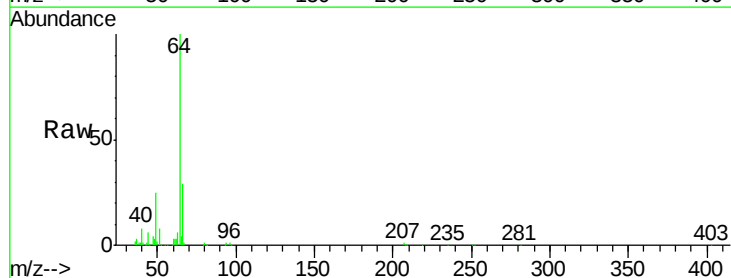
Acq: 17 Jan 2020 21:56

Tgt Ion: 64 Resp: 135768

Ion Ratio Lower Upper

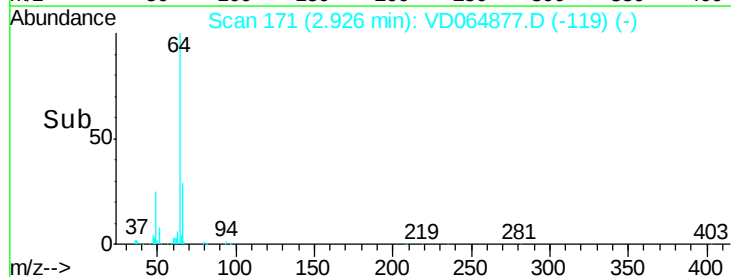
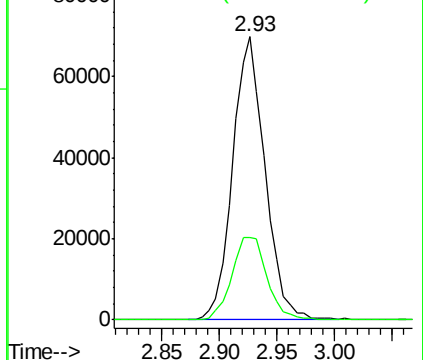
64 100

66 29.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 50.82 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

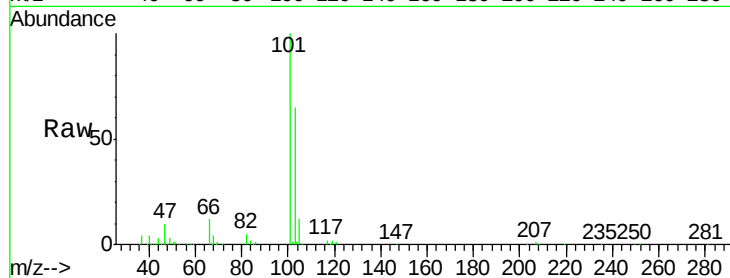
VSTDCCC050EC

Tgt Ion:101 Resp: 317027

Ion Ratio Lower Upper

101 100

103 65.4 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

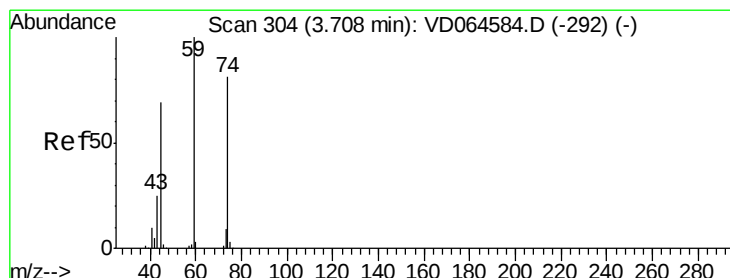
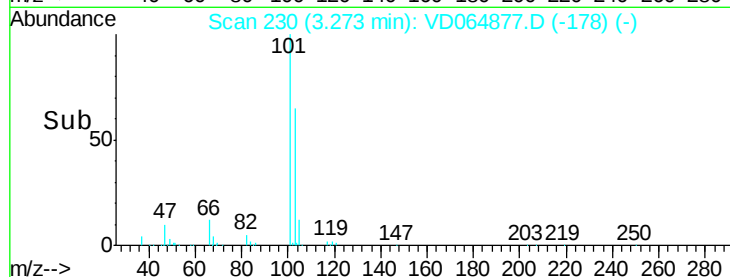
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 62.08 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD064877.D

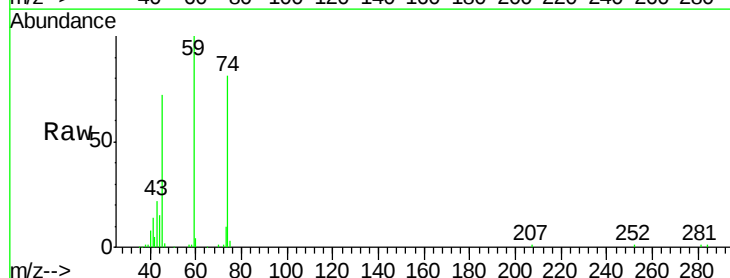
Acq: 17 Jan 2020 21:56

Tgt Ion: 74 Resp: 76907

Ion Ratio Lower Upper

74 100

45 95.8 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

40000

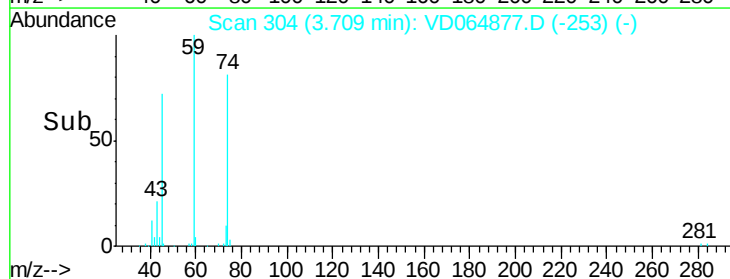
30000

20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.81 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

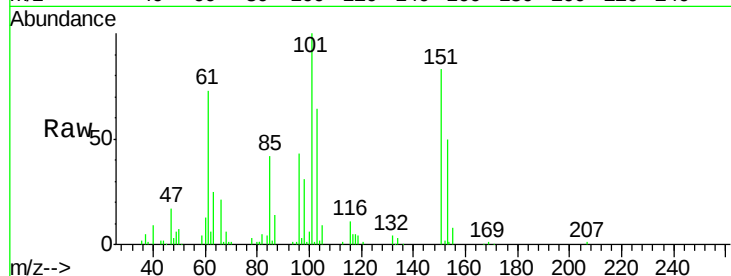
Tgt Ion:101 Resp: 144196

Ion Ratio Lower Upper

101 100

85 44.7 35.2 52.8

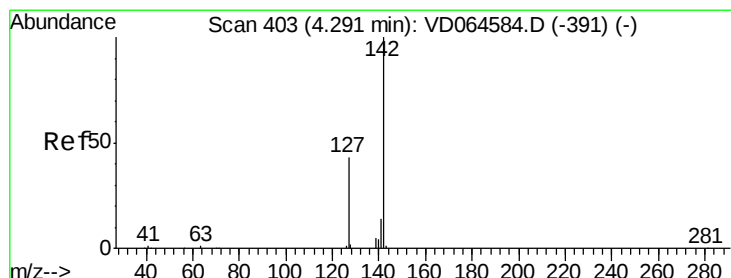
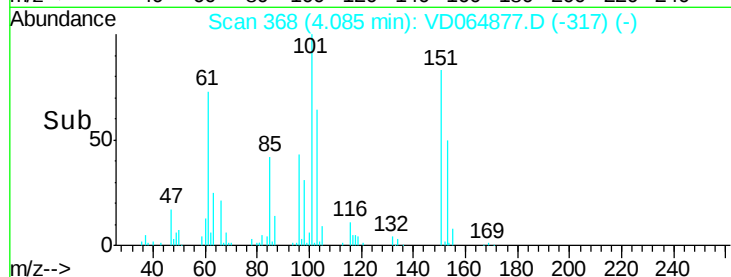
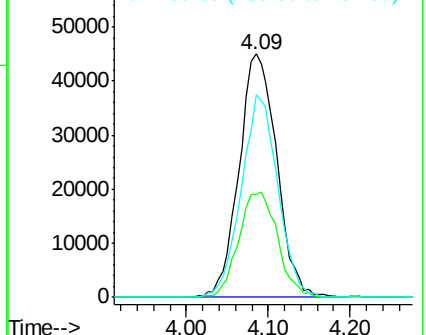
151 80.8 66.2 99.4



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: 53.32 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

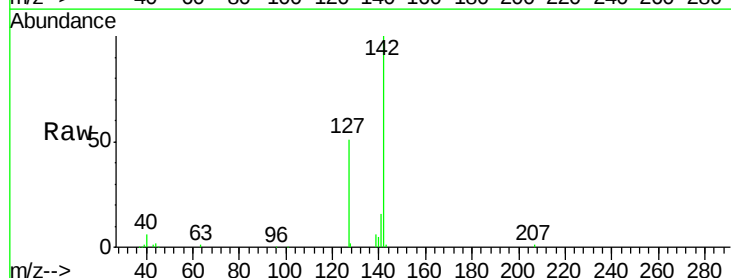
Tgt Ion:142 Resp: 147962

Ion Ratio Lower Upper

142 100

127 46.3 36.2 54.4

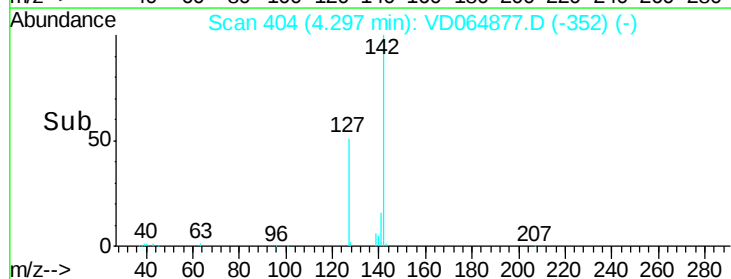
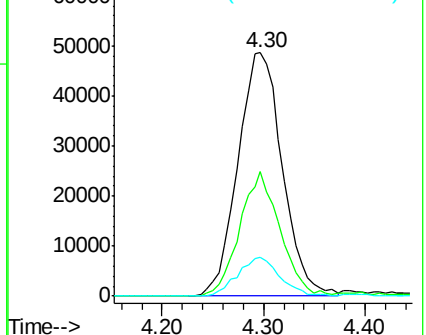
141 15.2 11.8 17.8

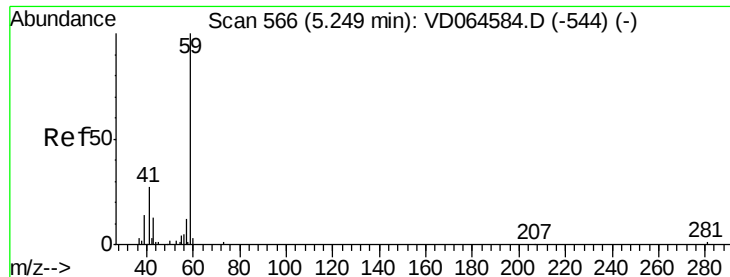


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



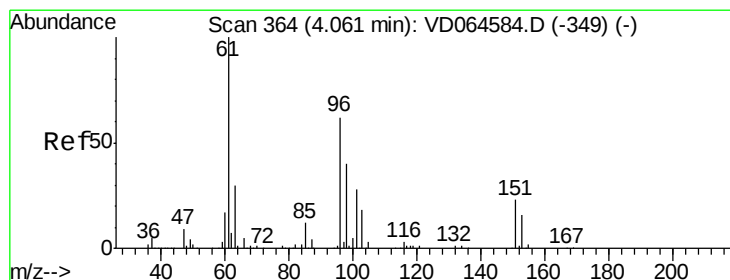
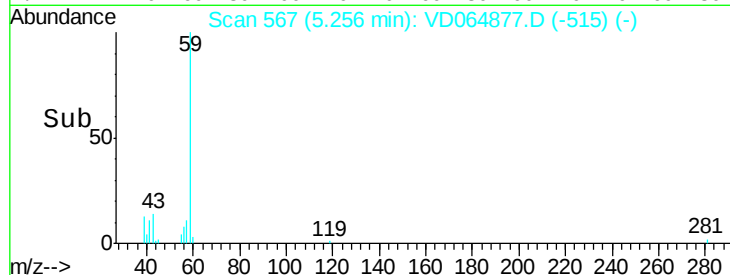
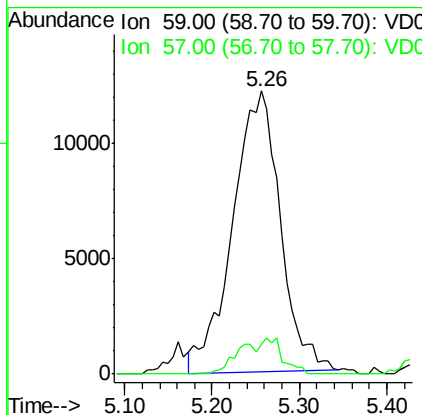
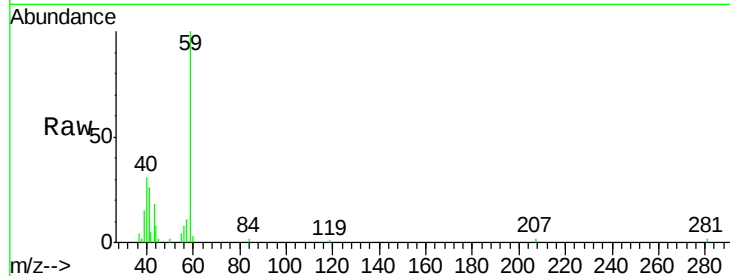


#11

Tert butyl alcohol
 Concen: 320.89 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

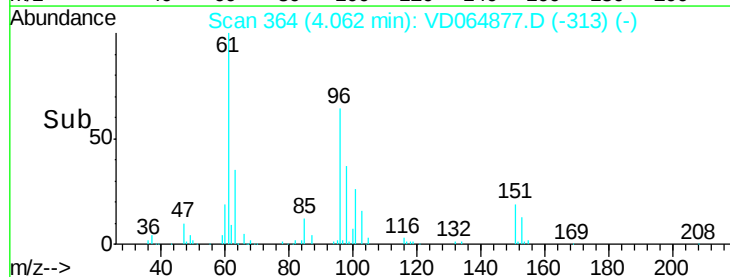
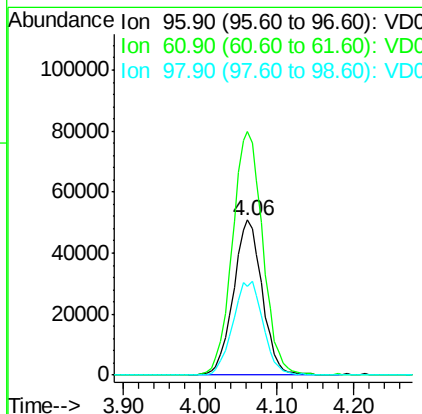
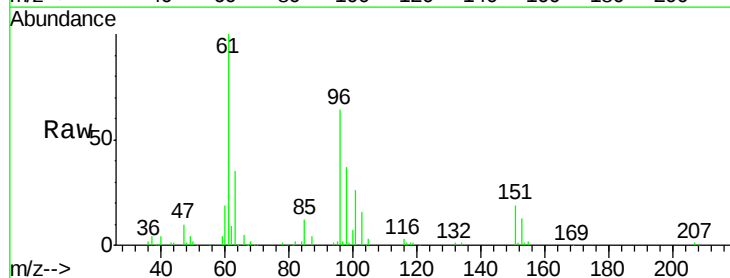
Tgt Ion: 59 Resp: 45336
 Ion Ratio Lower Upper
 59 100
 57 6.0 9.3 13.9#

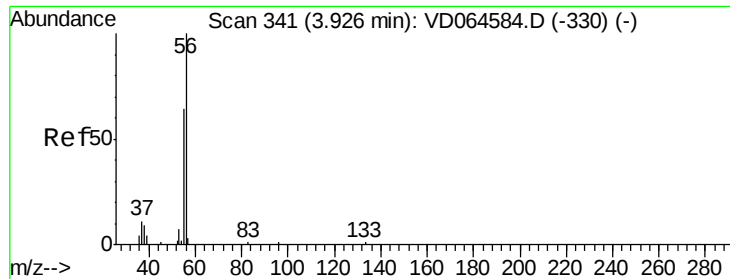


#12

1,1-Dichloroethene
 Concen: 54.37 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 96 Resp: 133721
 Ion Ratio Lower Upper
 96 100
 61 157.3 129.4 194.0
 98 57.6 51.4 77.0





#13

Acrolein

Concen: 142.49 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

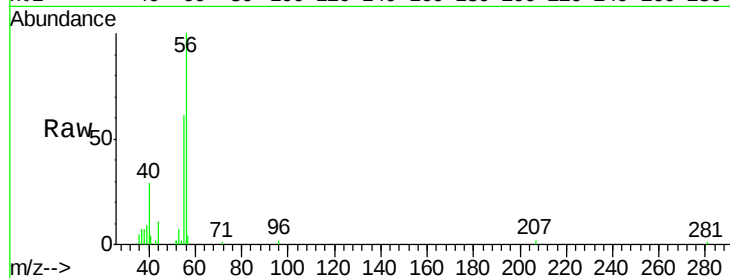
VSTDCCC050EC

Tgt Ion: 56 Resp: 28056

Ion Ratio Lower Upper

56 100

55 71.9 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

12000

10000

8000

6000

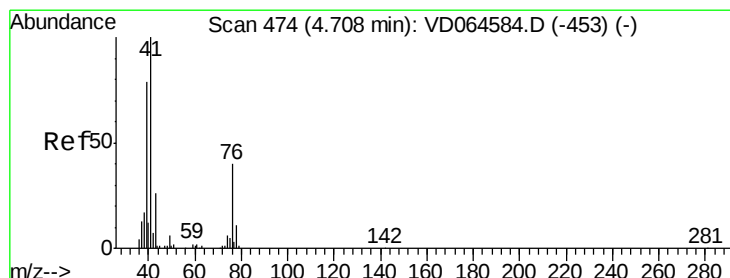
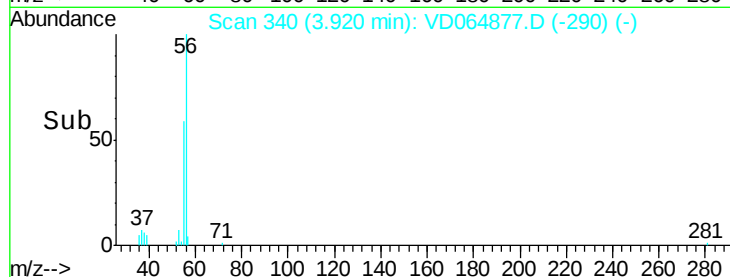
4000

2000

0

3.92

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 60.41 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

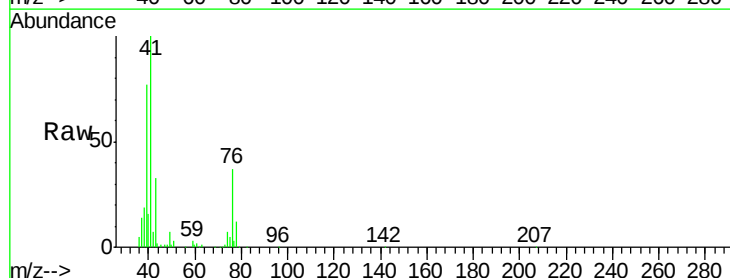
Tgt Ion: 41 Resp: 231667

Ion Ratio Lower Upper

41 100

39 77.6 62.3 93.5

76 36.4 29.7 44.5



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

100000

80000

60000

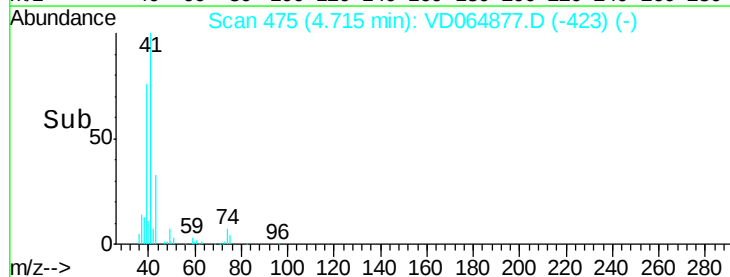
40000

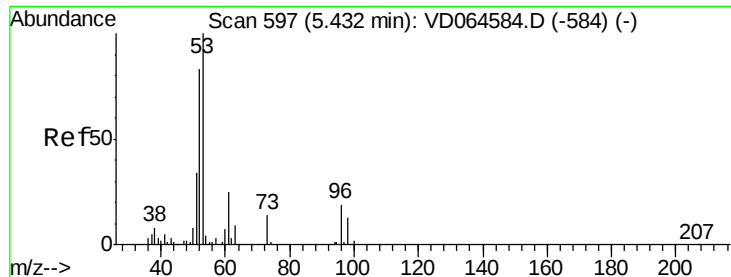
20000

0

4.71

Time--> 4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 320.60 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

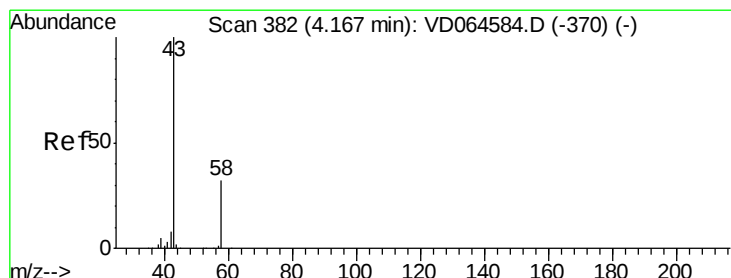
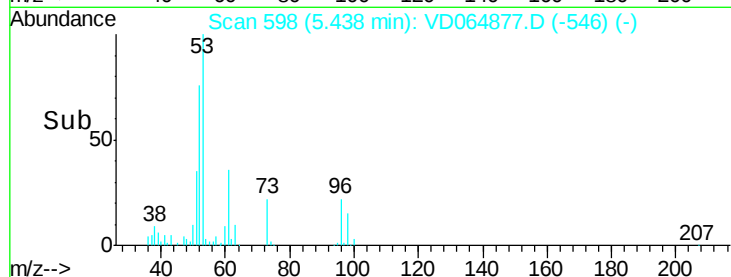
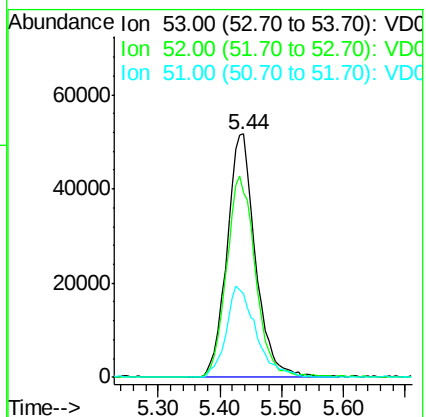
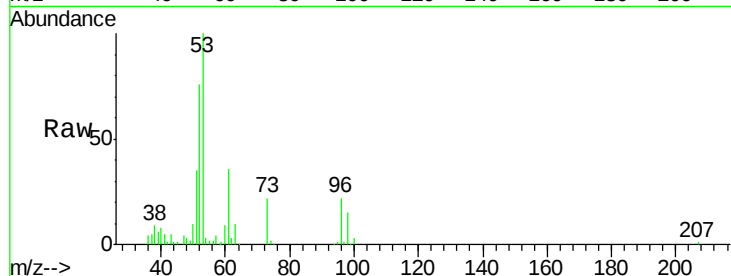
Tgt Ion: 53 Resp: 165424

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.2

51 39.3 30.1 45.1



#16

Acetone

Concen: 294.29 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064877.D

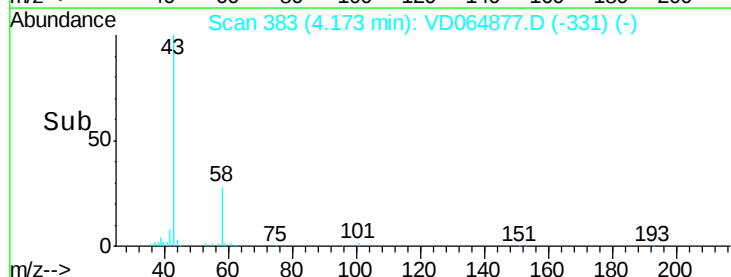
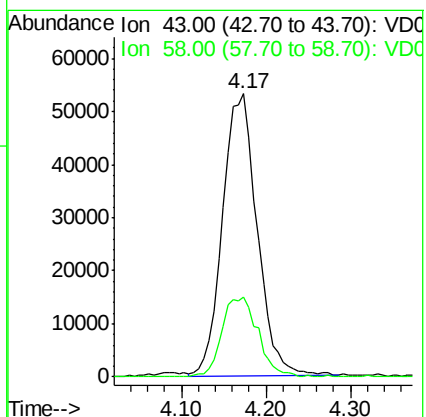
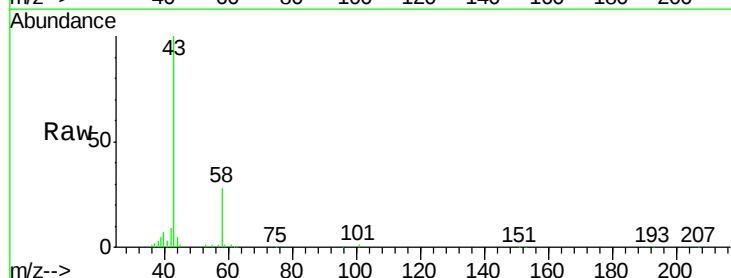
Acq: 17 Jan 2020 21:56

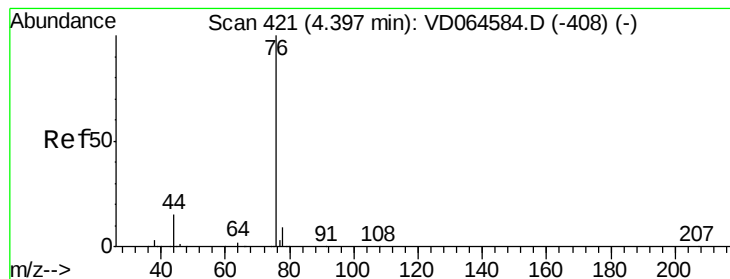
Tgt Ion: 43 Resp: 149804

Ion Ratio Lower Upper

43 100

58 28.3 25.8 38.6





#17

Carbon Disulfide

Concen: 48.38 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

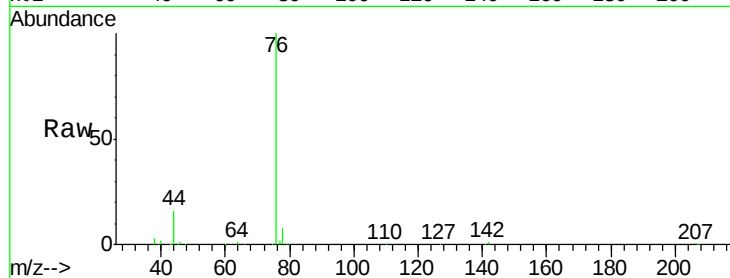
VSTDCCC050EC

Tgt Ion: 76 Resp: 384776

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

150000

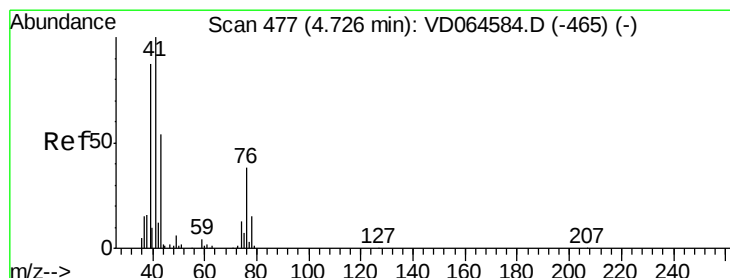
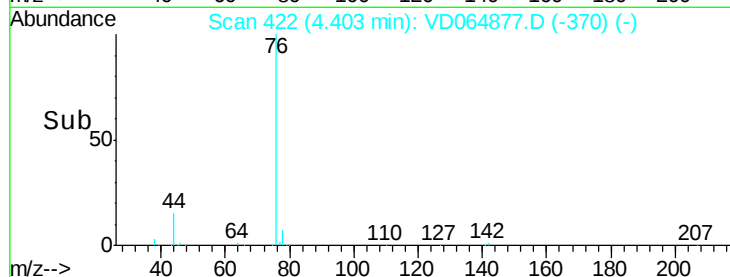
100000

50000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 62.62 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064877.D

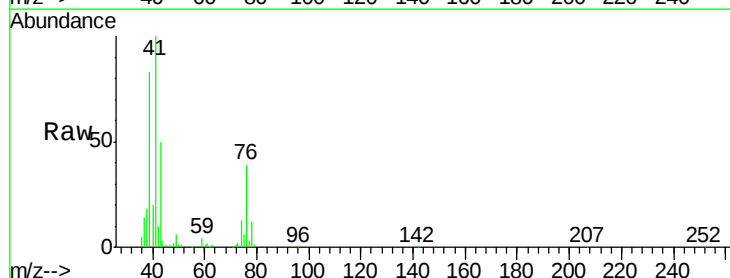
Acq: 17 Jan 2020 21:56

Tgt Ion: 43 Resp: 86902

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

30000

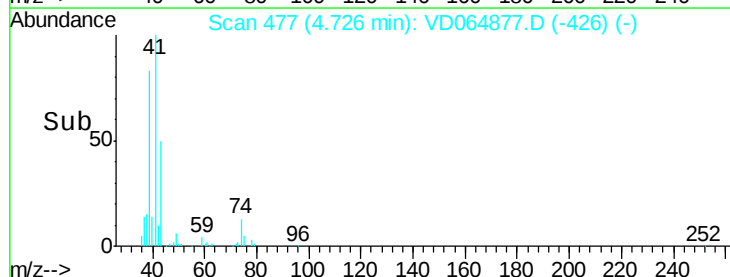
20000

10000

0

Time-->

4.60 4.70 4.80



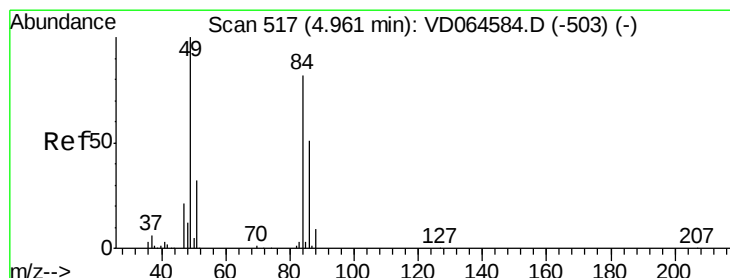
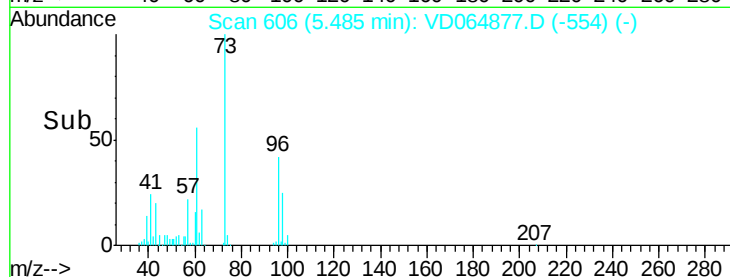
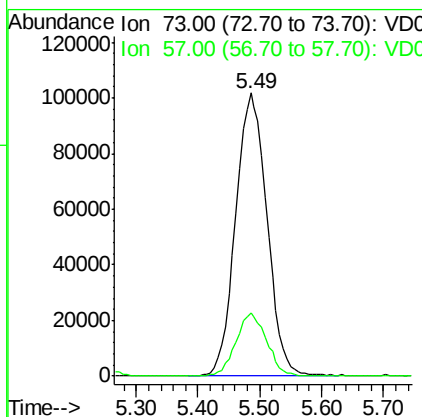
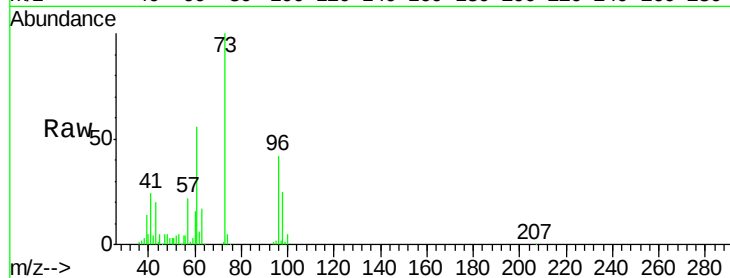


#19

Methyl tert-butyl Ether
 Concen: 65.95 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

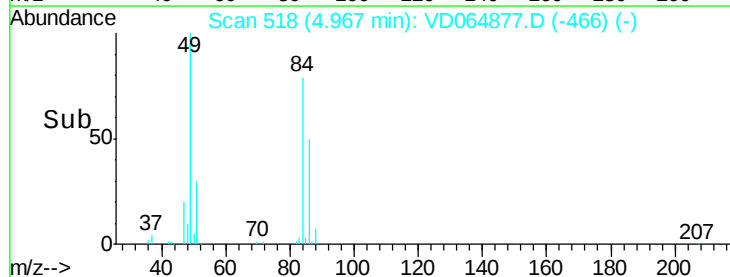
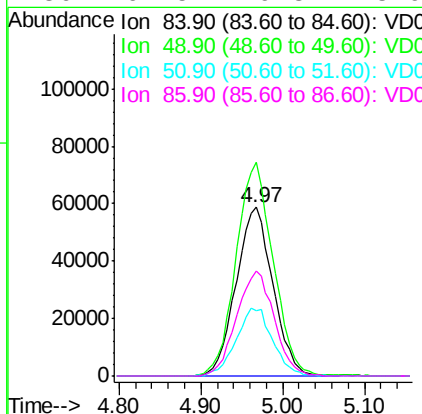
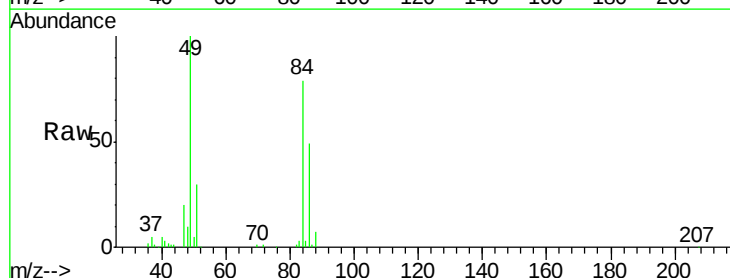
Tgt Ion: 73 Resp: 360305
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.6 27.8

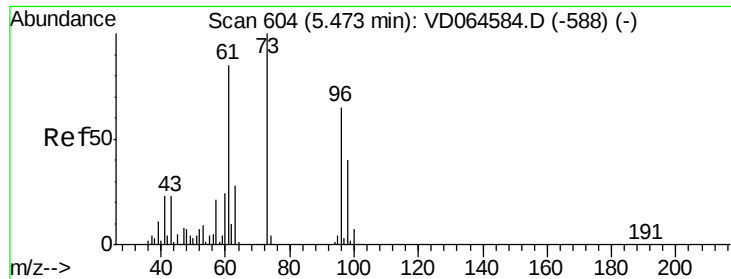


#20

Methylene Chloride
 Concen: 75.43 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 84 Resp: 183911
 Ion Ratio Lower Upper
 84 100
 49 126.5 97.2 145.8
 51 38.5 31.4 47.0
 86 62.5 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 56.97 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

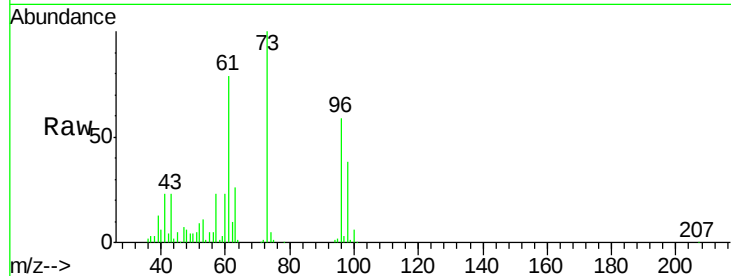
Tgt Ion: 96 Resp: 159576

Ion Ratio Lower Upper

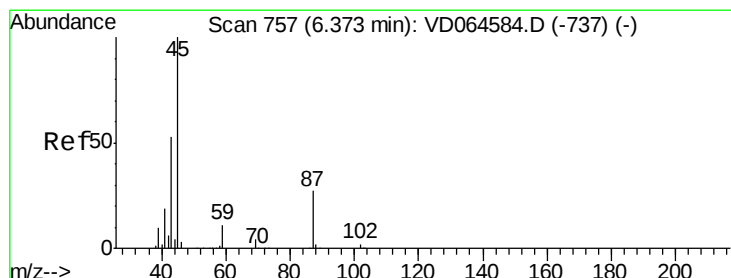
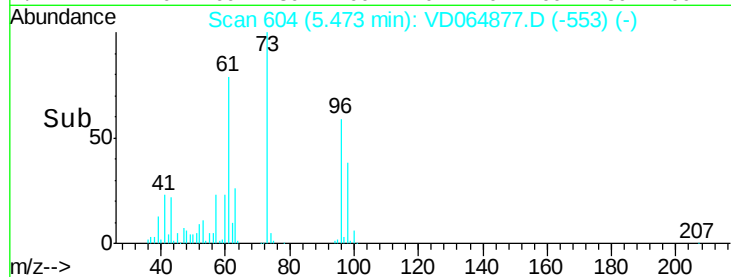
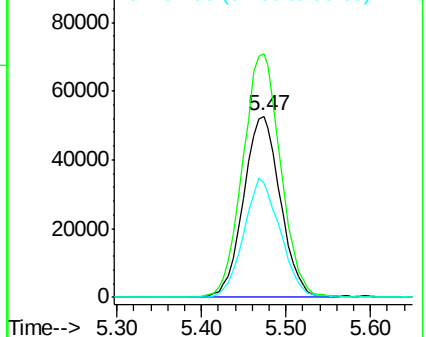
96 100

61 134.4 104.7 157.1

98 63.4 49.4 74.2



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



#22

Diisopropyl ether

Concen: 65.90 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Tgt Ion: 45 Resp: 504073

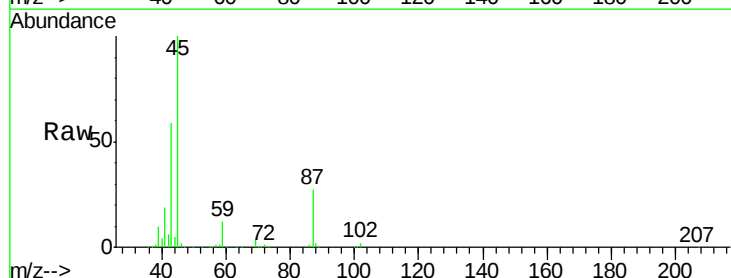
Ion Ratio Lower Upper

45 100

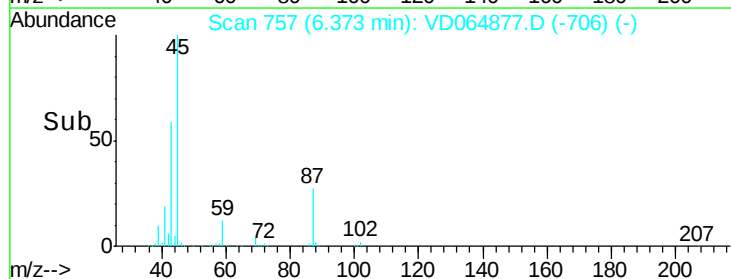
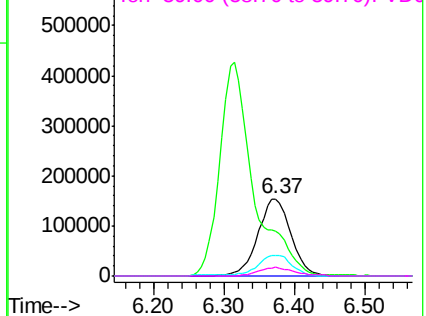
43 57.8 43.2 64.8

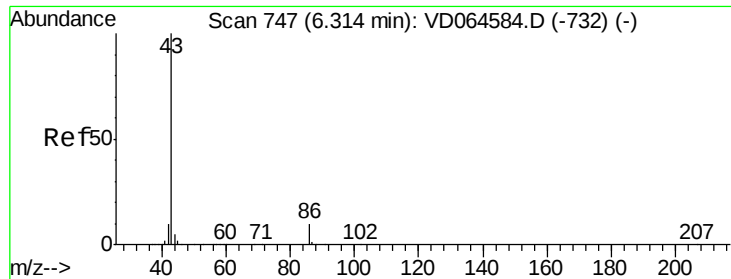
87 27.0 21.9 32.9

59 11.9 9.0 13.4



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





#23

Vinyl Acetate

Concen: 330.73 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

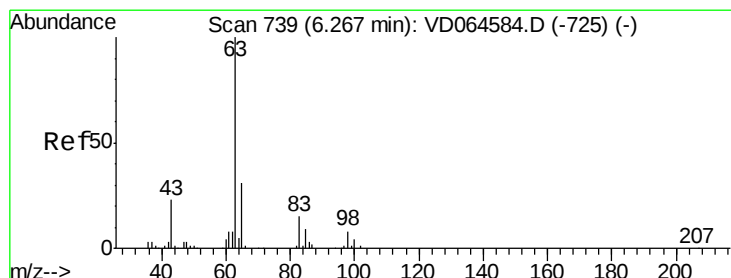
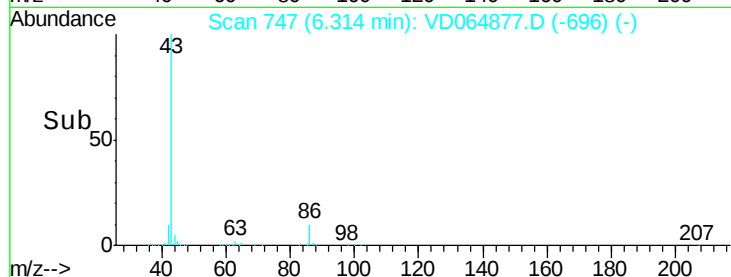
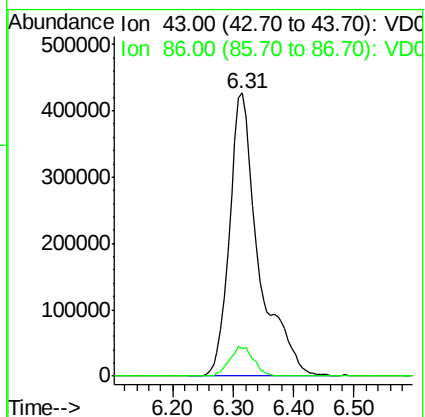
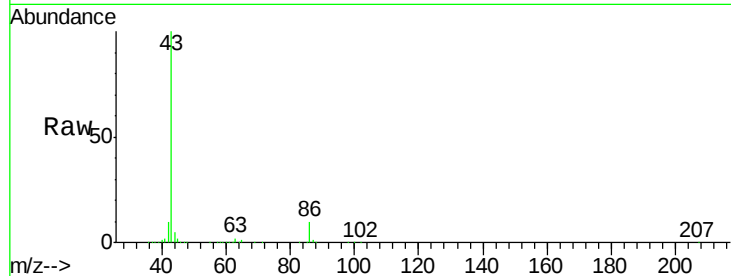
VSTDCCC050EC

Tgt Ion: 43 Resp: 1435003

Ion Ratio Lower Upper

43 100

86 9.7 8.3 12.5



#24

1,1-Dichloroethane

Concen: 64.83 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

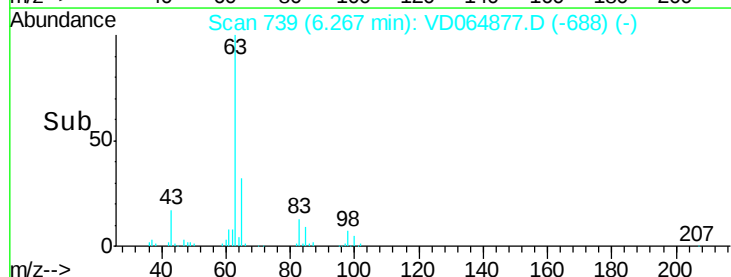
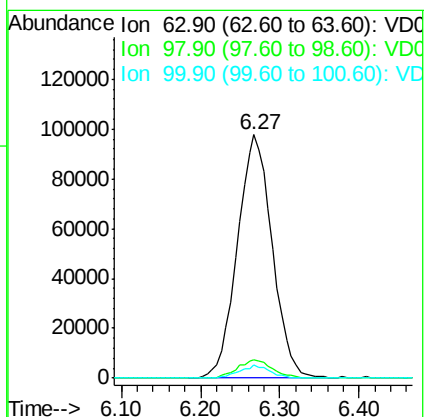
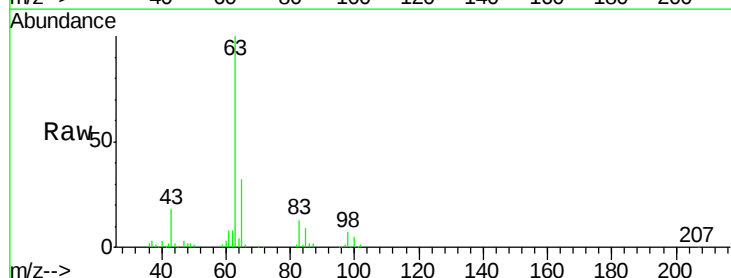
Tgt Ion: 63 Resp: 297706

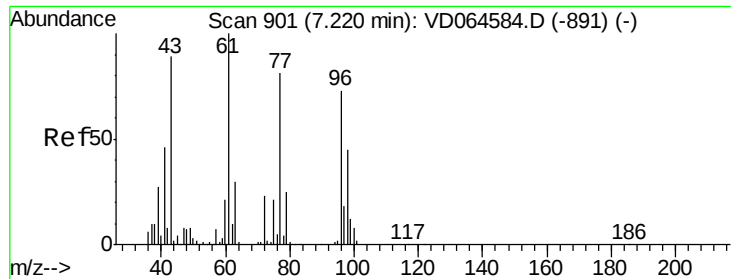
Ion Ratio Lower Upper

63 100

98 7.4 4.1 12.3

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 321.86 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

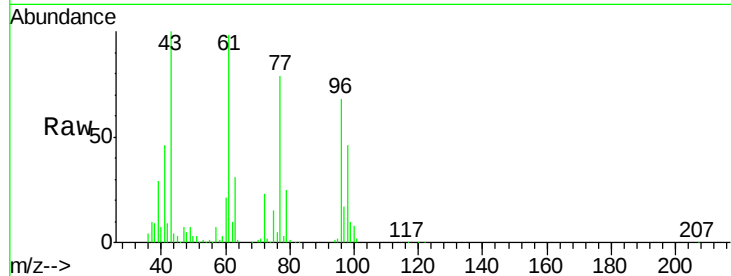
VSTDCCC050EC

Tgt Ion: 43 Resp: 218102

Ion Ratio Lower Upper

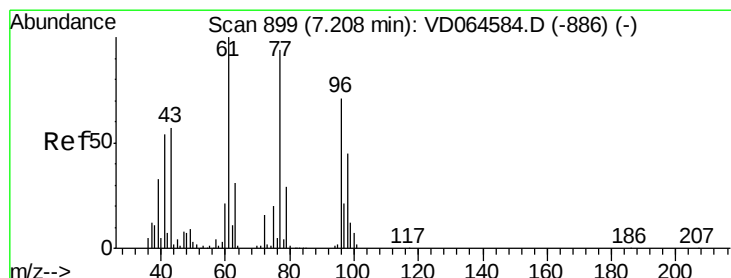
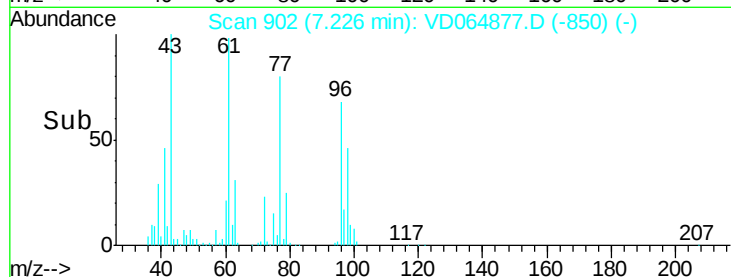
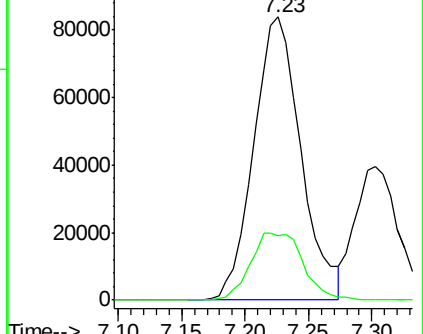
43 100

72 22.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 58.18 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD064877.D

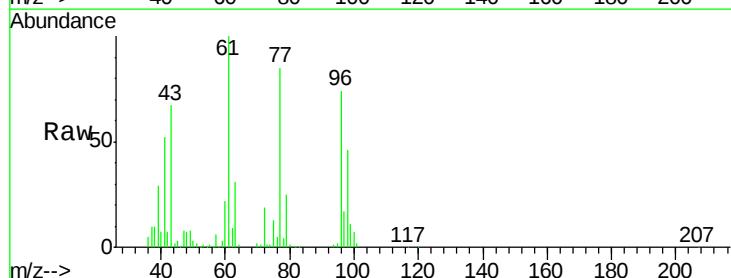
Acq: 17 Jan 2020 21:56

Tgt Ion: 77 Resp: 248385

Ion Ratio Lower Upper

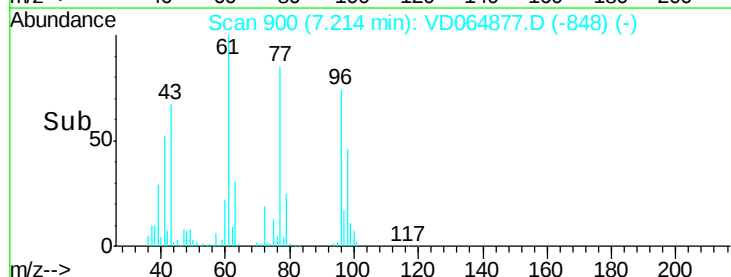
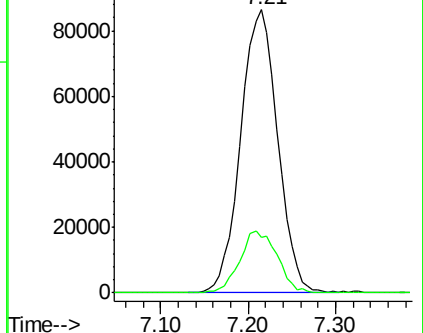
77 100

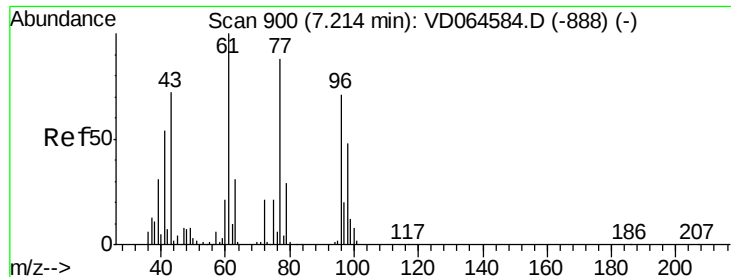
97 22.2 11.2 33.6



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: 62.62 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

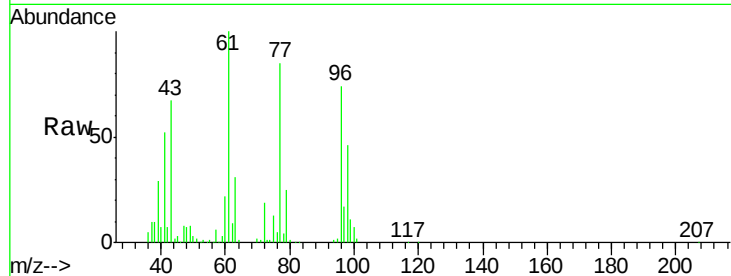
Tgt Ion: 96 Resp: 189290

Ion Ratio Lower Upper

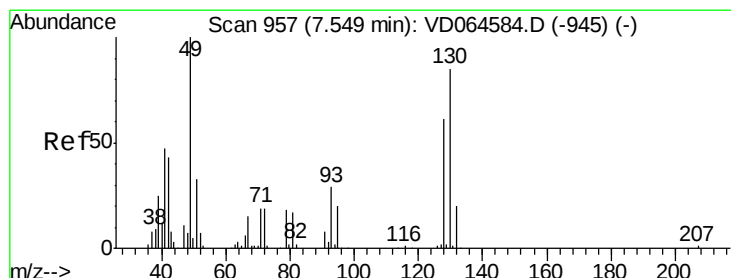
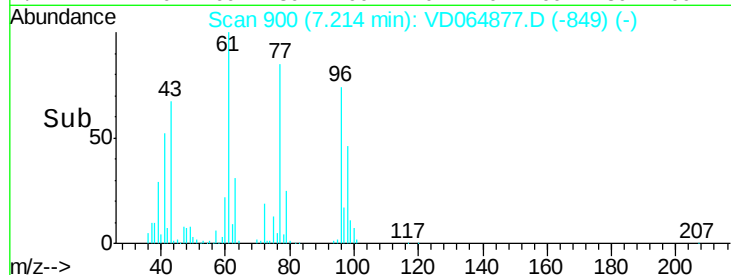
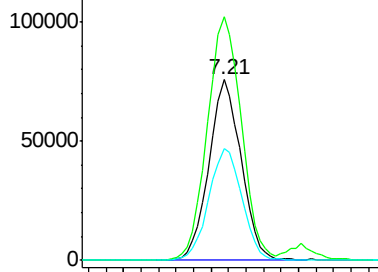
96 100

61 142.3 0.0 282.6

98 63.9 0.0 130.8



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: 63.03 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

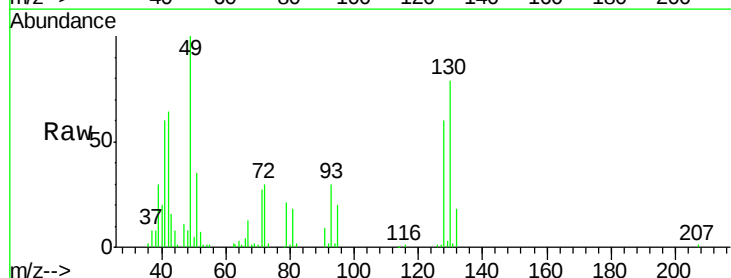
Tgt Ion: 49 Resp: 112504

Ion Ratio Lower Upper

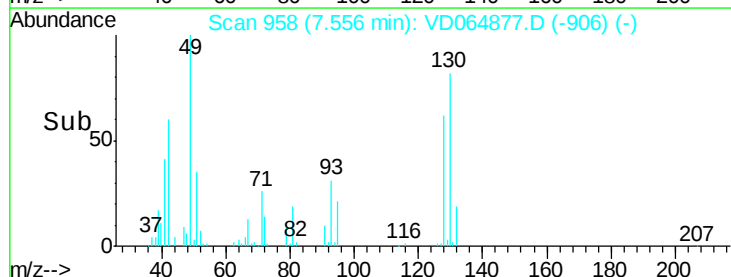
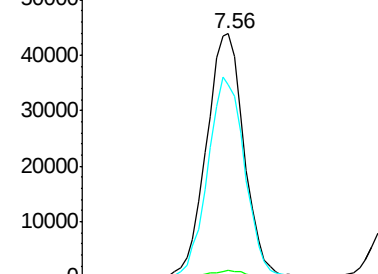
49 100

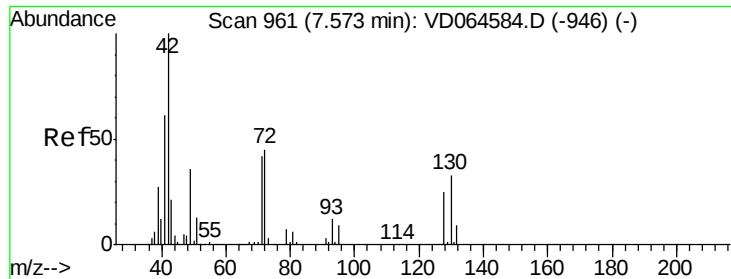
129 2.5 0.0 4.8

130 80.7 65.0 97.6



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

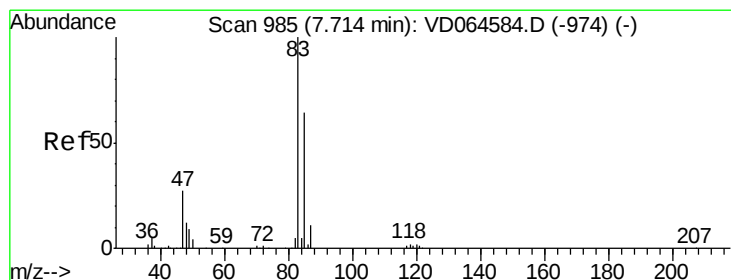
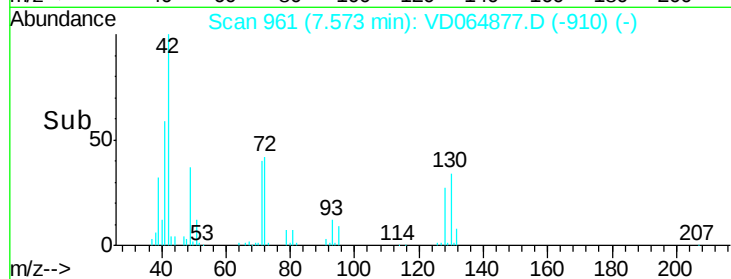
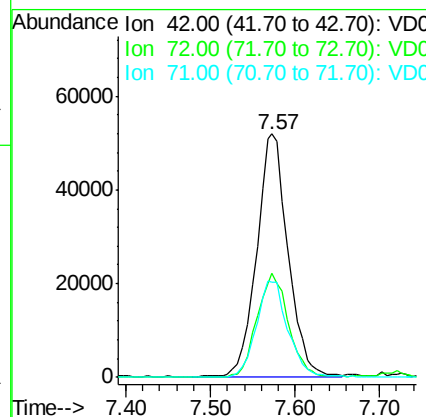
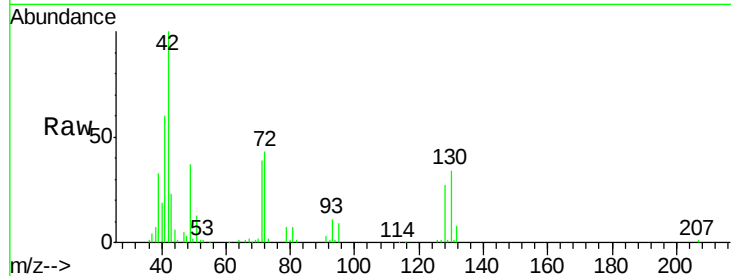




#29
Tetrahydrofuran
Concen: 320.95 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

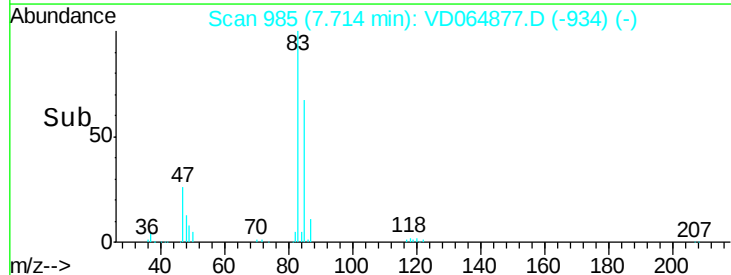
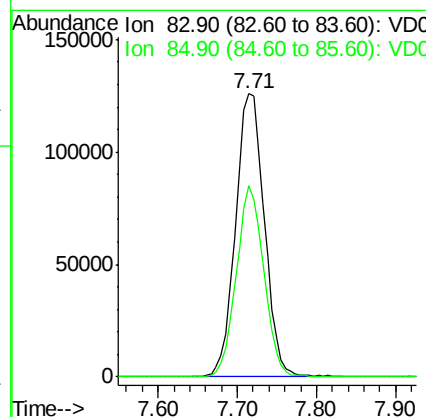
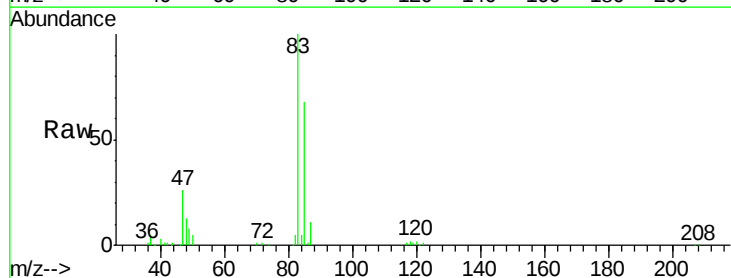
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

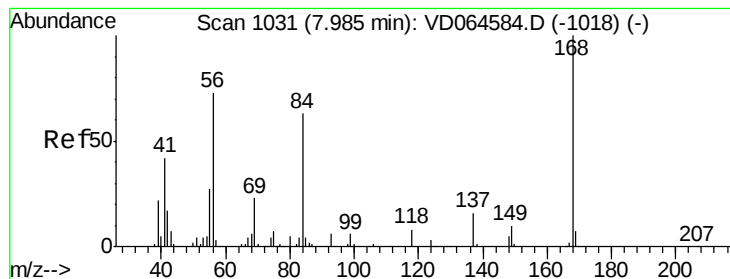
Tgt Ion: 42 Resp: 135247
Ion Ratio Lower Upper
42 100
72 42.7 35.0 52.4
71 39.7 32.9 49.3



#30
Chloroform
Concen: 65.80 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 83 Resp: 316990
Ion Ratio Lower Upper
83 100
85 67.6 51.1 76.7





#31

Cyclohexane

Concen: 49.91 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

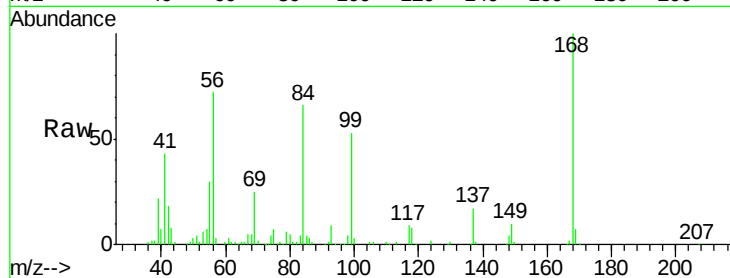
Tgt Ion: 56 Resp: 229423

Ion Ratio Lower Upper

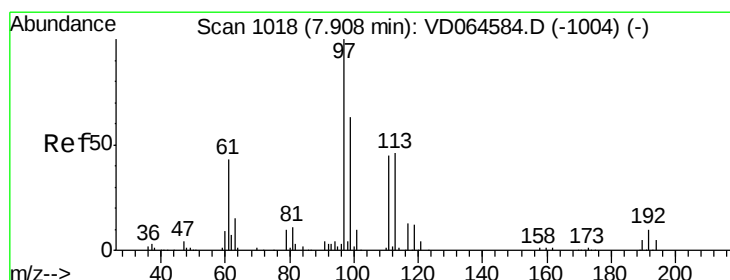
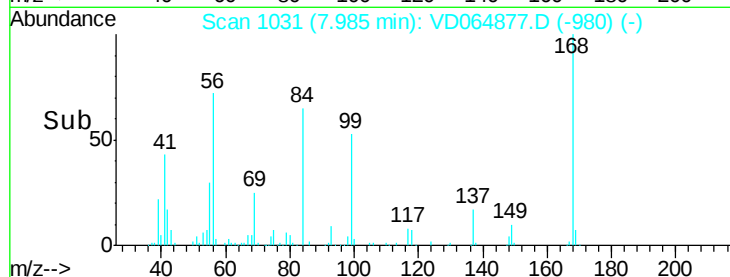
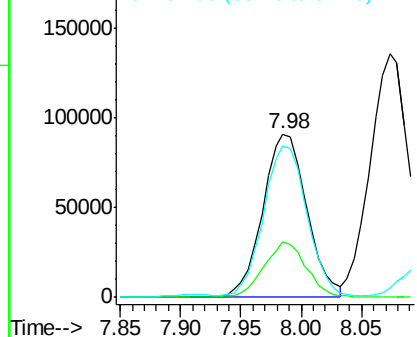
56 100

69 34.3 24.7 37.1

84 90.3 69.4 104.2



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: 60.36 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

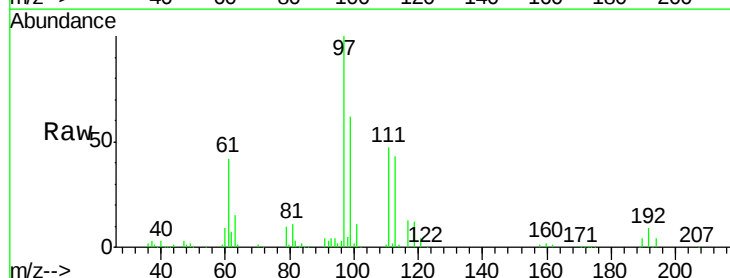
Tgt Ion: 97 Resp: 273124

Ion Ratio Lower Upper

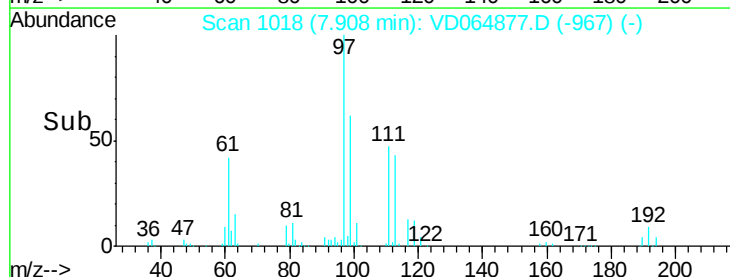
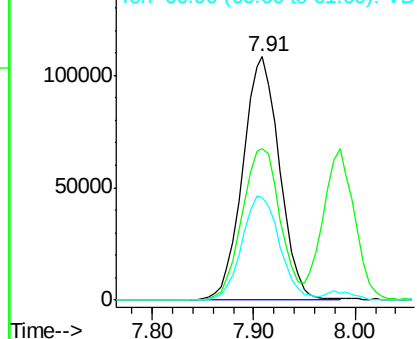
97 100

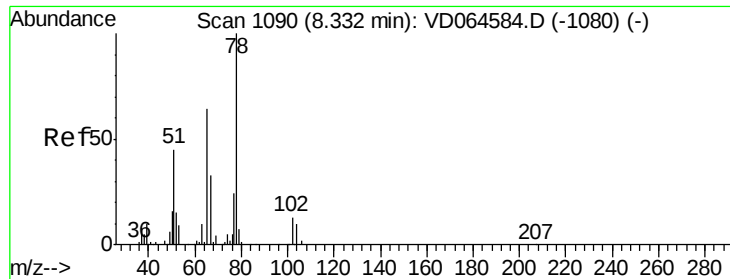
99 65.0 51.0 76.6

61 44.0 35.4 53.0



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

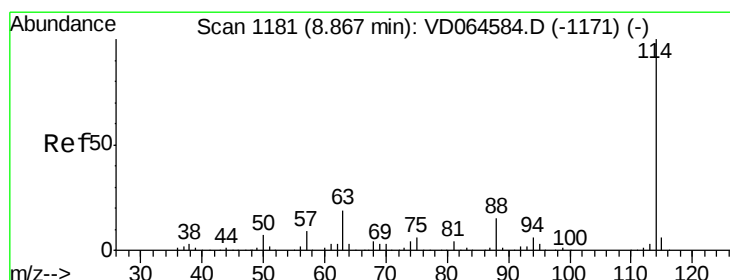
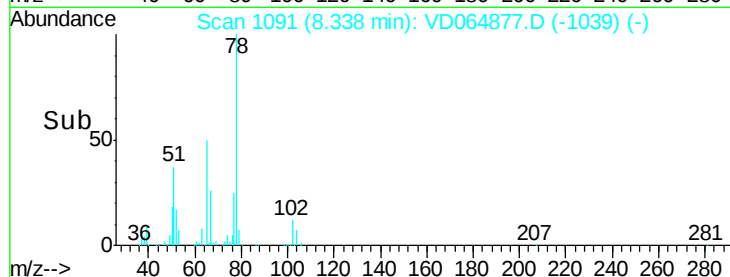
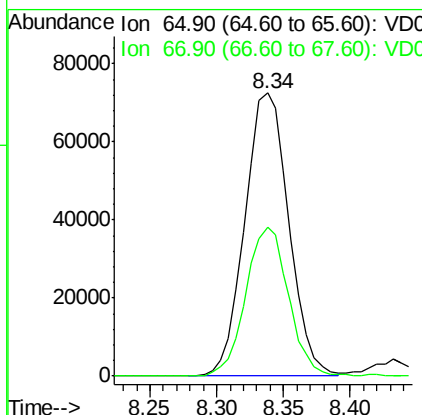
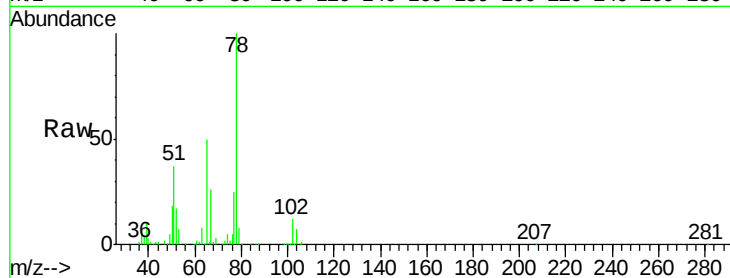




#33
 1,2-Dichloroethane-d4
 Concen: 67.01 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

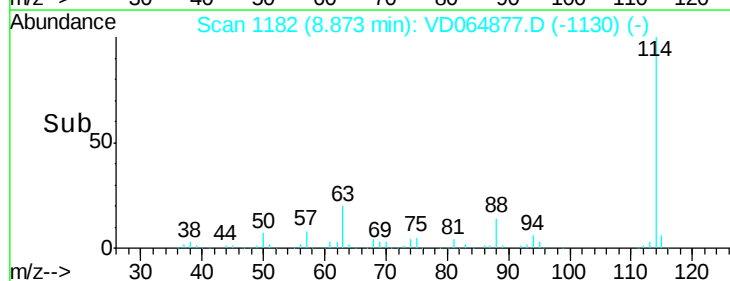
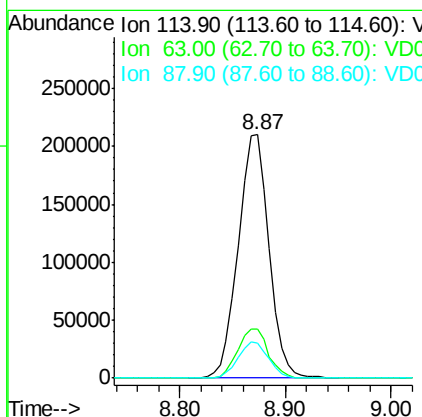
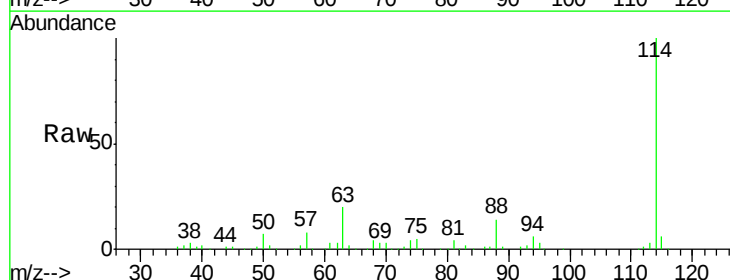
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 165195
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 114 Resp: 424127
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.3 0.0 29.2

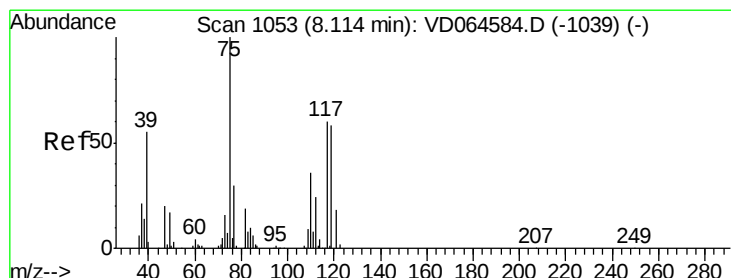
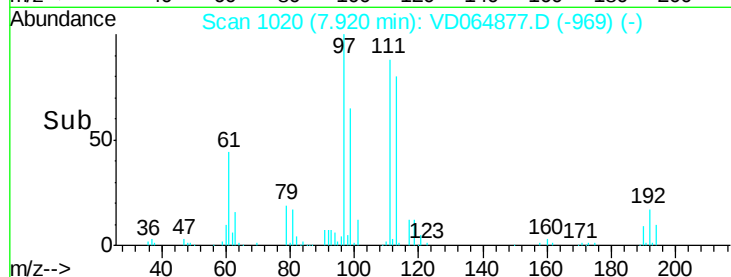
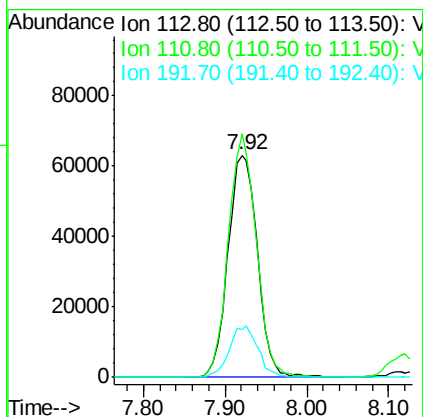
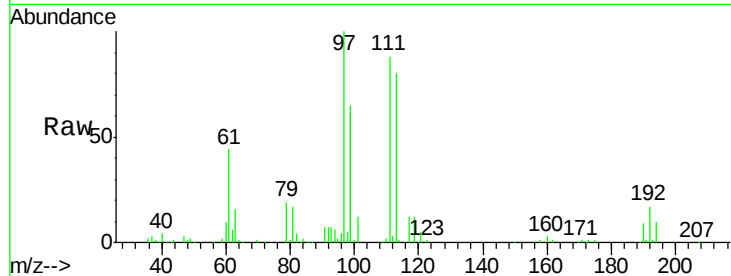




#35
 Dibromofluoromethane
 Concen: 60.74 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

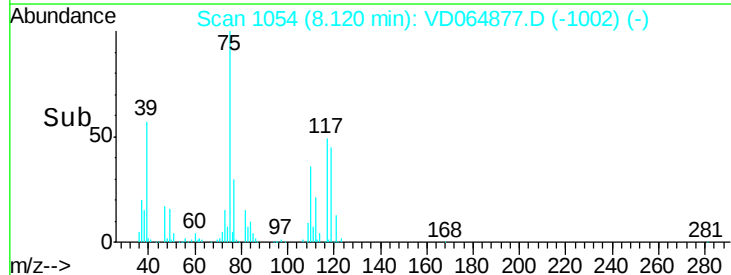
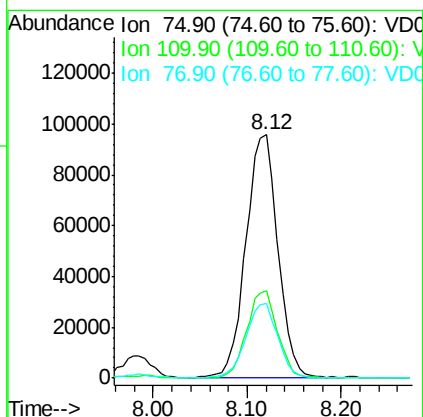
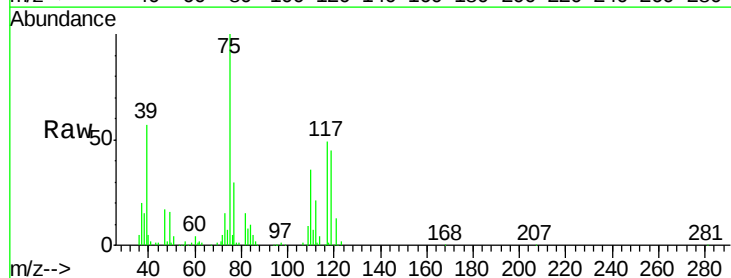
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 158048
 Ion Ratio Lower Upper
 113 100
 111 104.2 80.6 121.0
 192 22.4 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 55.17 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 75 Resp: 225222
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.1 54.1
 77 30.8 24.2 36.4

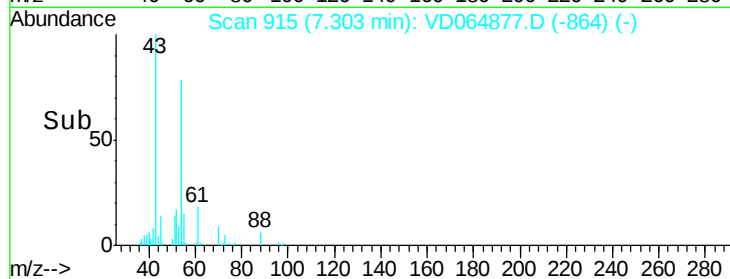
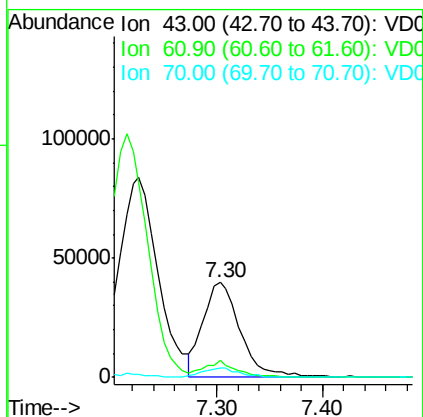
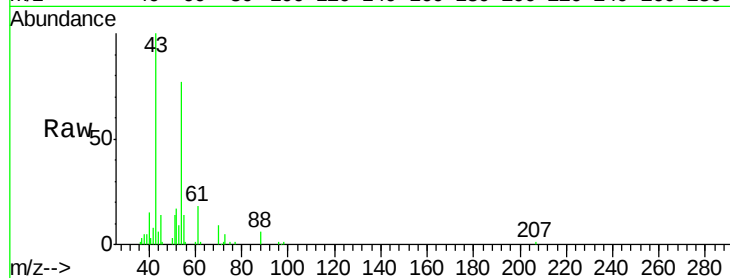




#37
Ethyl Acetate
Concen: 59.88 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

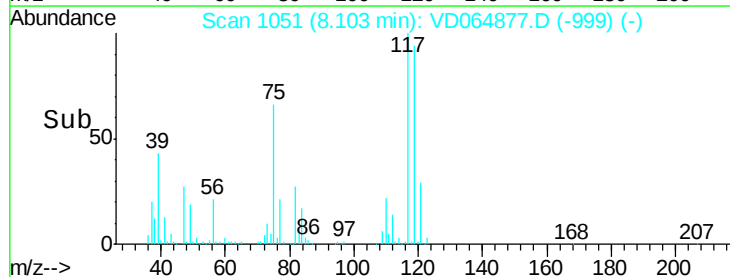
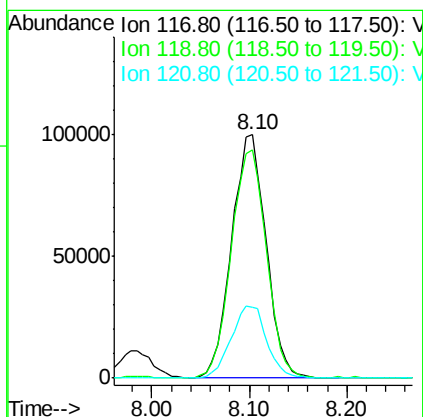
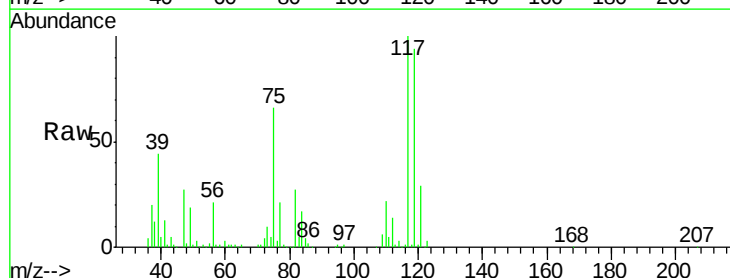
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

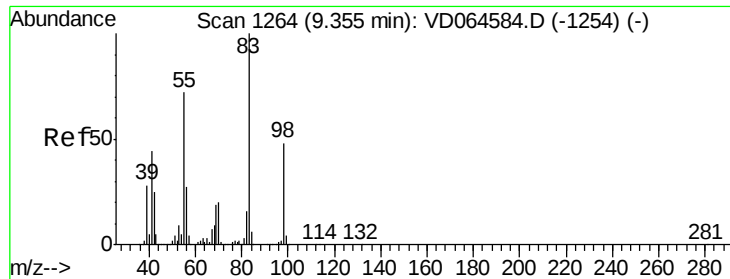
Tgt Ion: 43 Resp: 96029
Ion Ratio Lower Upper
43 100
61 15.4 10.3 15.5
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 56.23 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 117 Resp: 244751
Ion Ratio Lower Upper
117 100
119 93.6 77.3 115.9
121 29.3 25.0 37.6

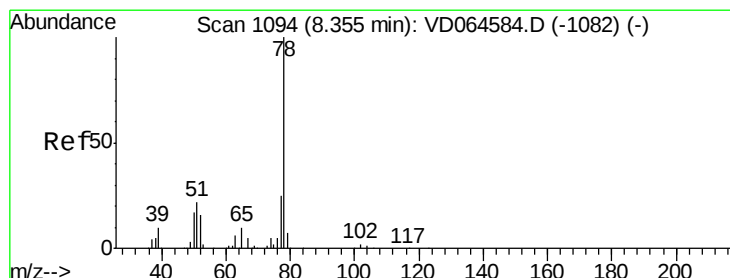
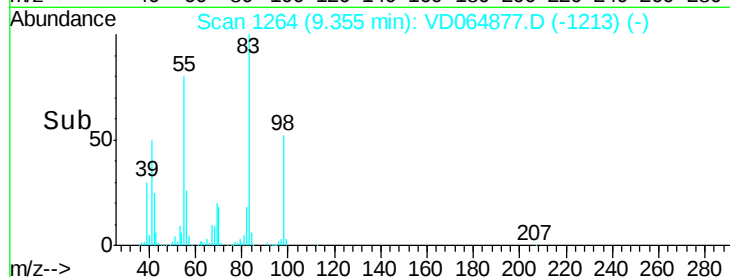
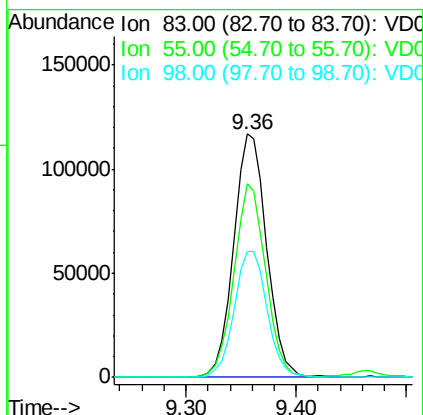
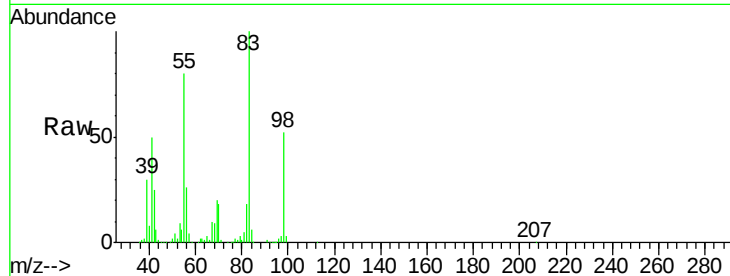




#39
Methylcyclohexane
Concen: 49.64 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

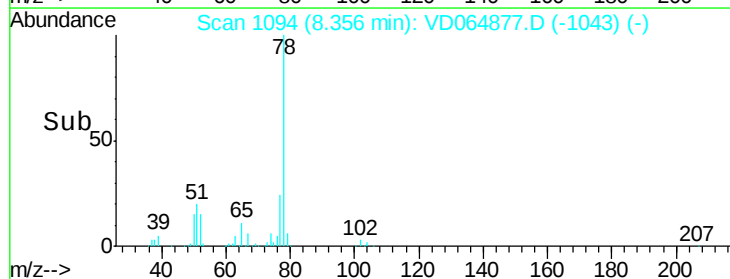
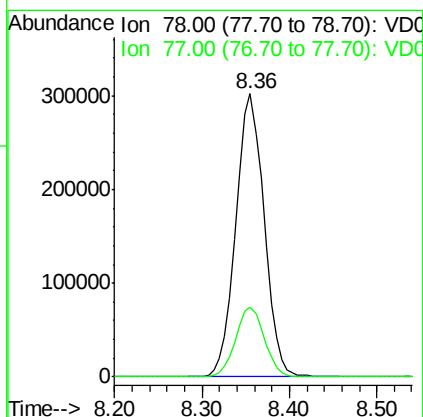
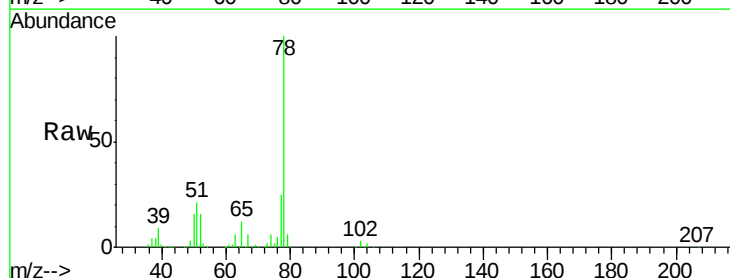
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

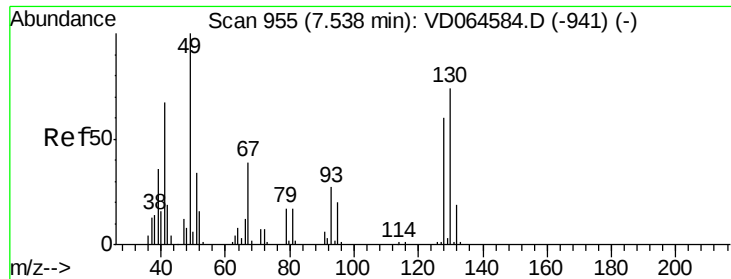
Tgt Ion: 83 Resp: 245454
Ion Ratio Lower Upper
83 100
55 79.7 57.8 86.6
98 51.9 38.7 58.1



#40
Benzene
Concen: 59.23 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 78 Resp: 660094
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9





#41

Methacrylonitrile

Concen: 56.67 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 52728

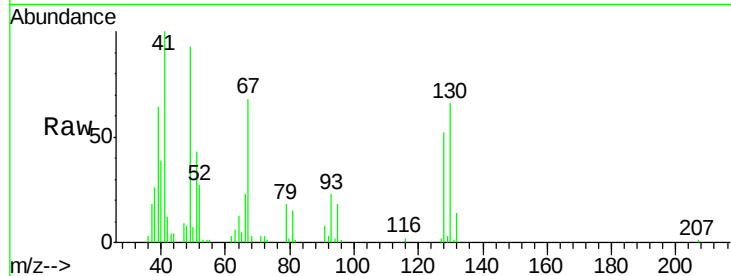
Ion Ratio Lower Upper

41 100

39 57.0 46.7 70.1

67 79.5 52.5 78.7#

52 33.2 24.1 36.1

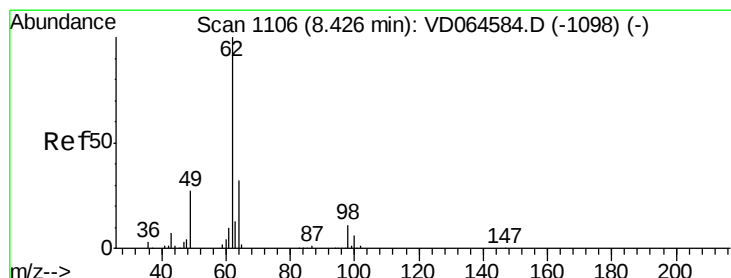
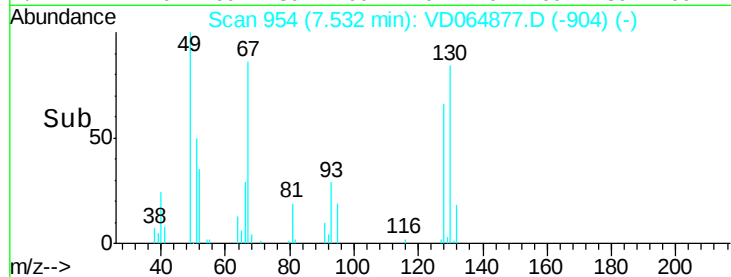
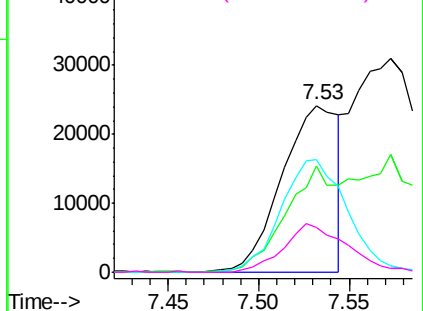


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 63.40 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD064877.D

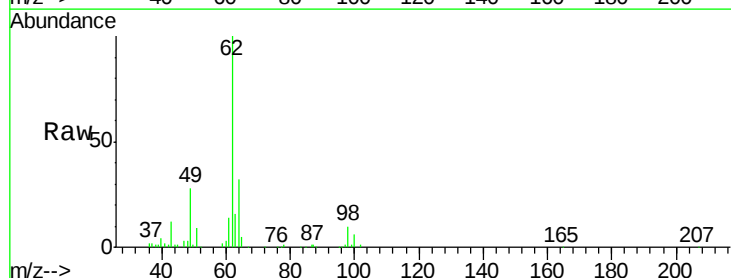
Acq: 17 Jan 2020 21:56

Tgt Ion: 62 Resp: 204173

Ion Ratio Lower Upper

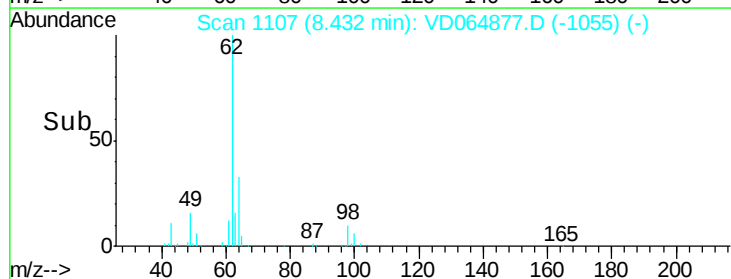
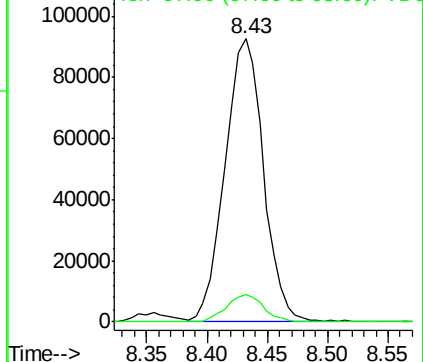
62 100

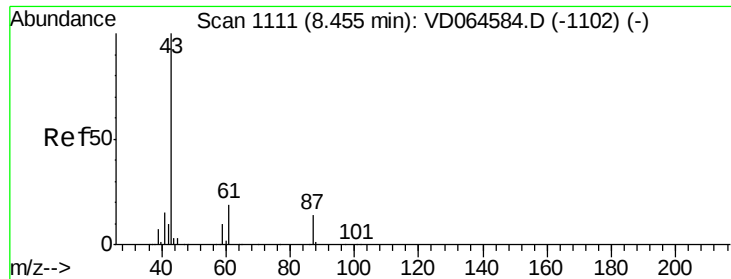
98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

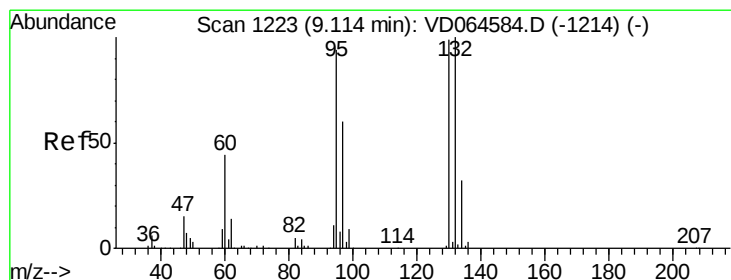
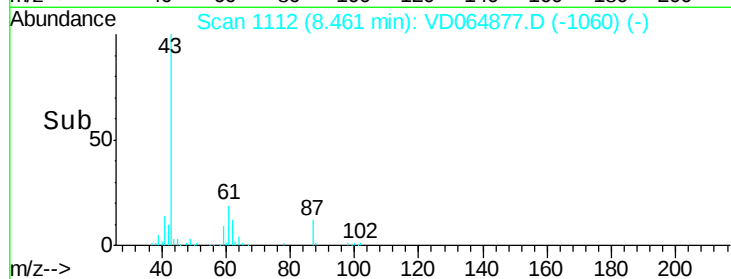
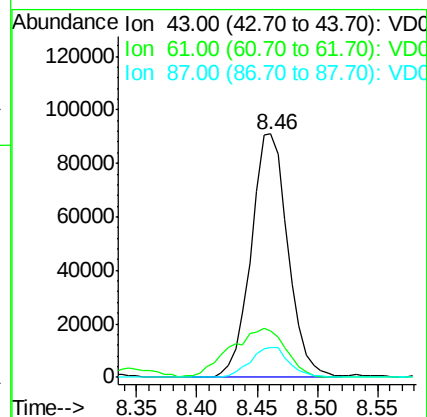
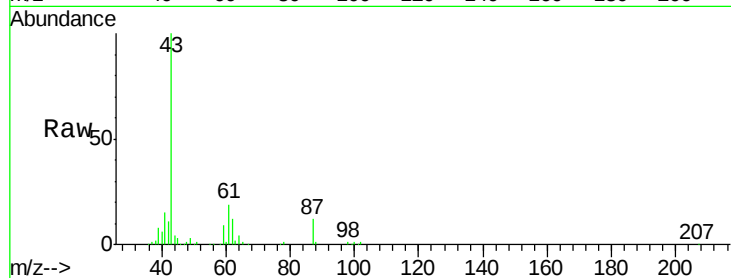




#43
Isopropyl Acetate
Concen: 60.79 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

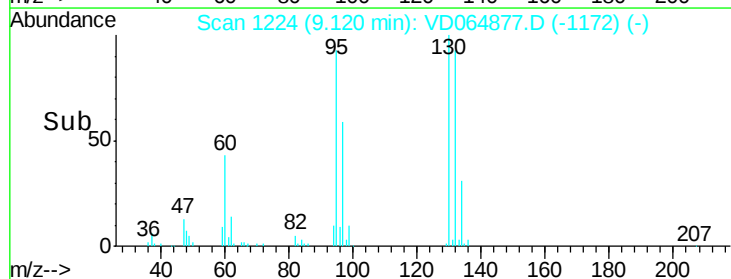
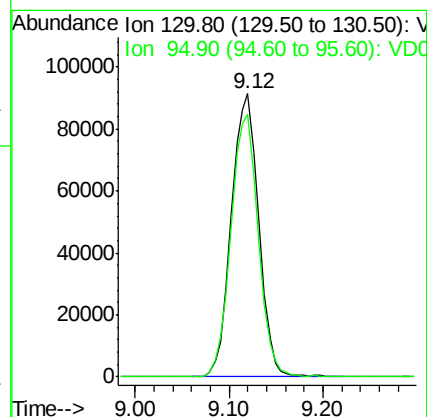
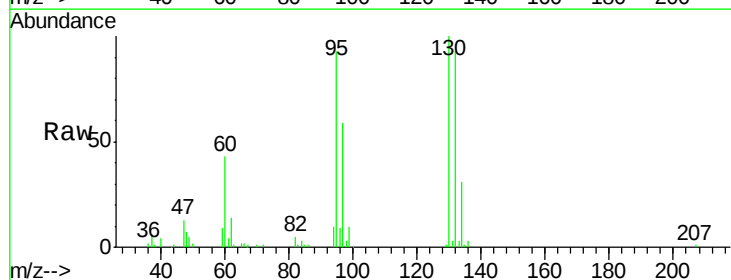
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 194046
Ion Ratio Lower Upper
43 100
61 30.3 23.7 35.5
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 56.31 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 130 Resp: 184359
Ion Ratio Lower Upper
130 100
95 92.9 0.0 190.2

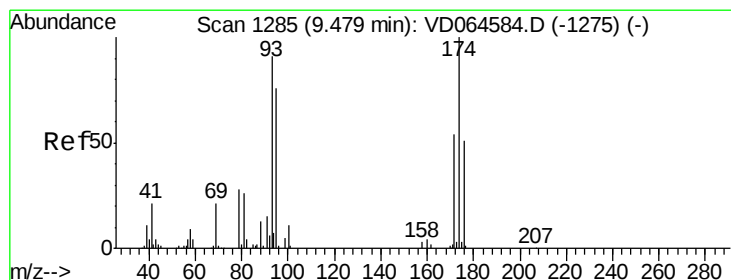
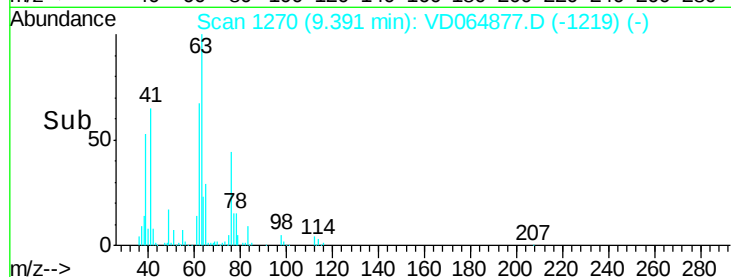
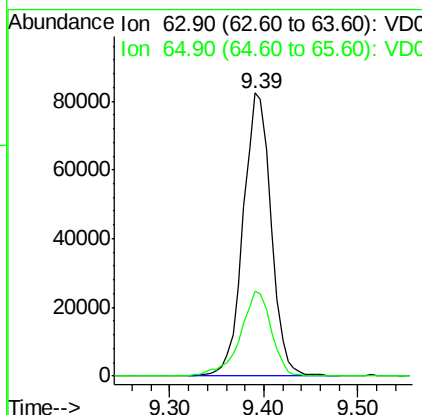
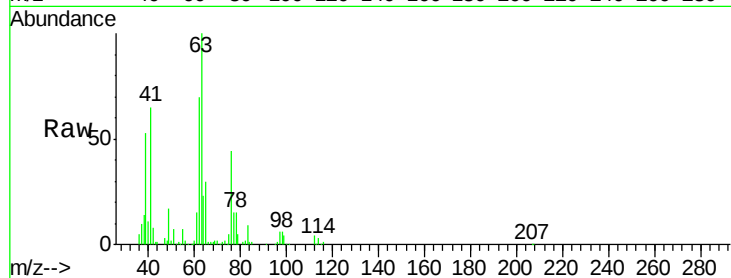




#45
 1,2-Dichloropropane
 Concen: 63.80 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

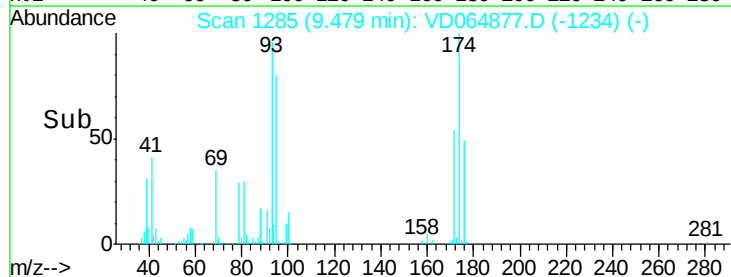
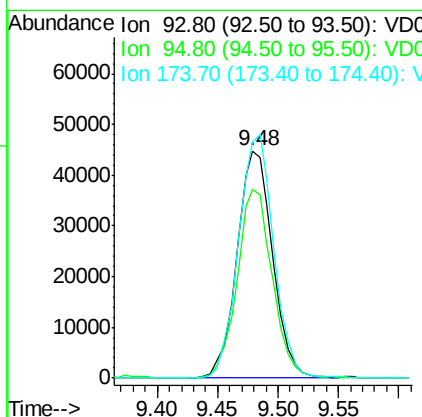
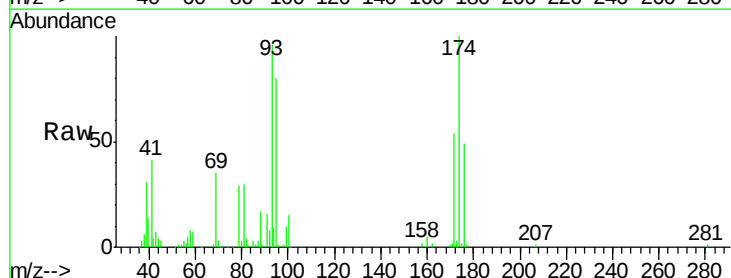
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

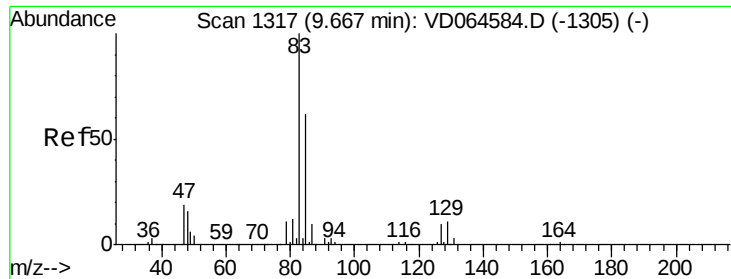
Tgt Ion: 63 Resp: 169759
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.2 37.8



#46
 Dibromomethane
 Concen: 61.92 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 93 Resp: 91854
 Ion Ratio Lower Upper
 93 100
 95 82.3 64.6 97.0
 174 106.5 88.1 132.1

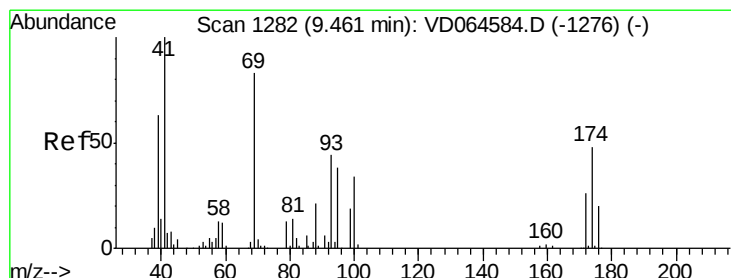
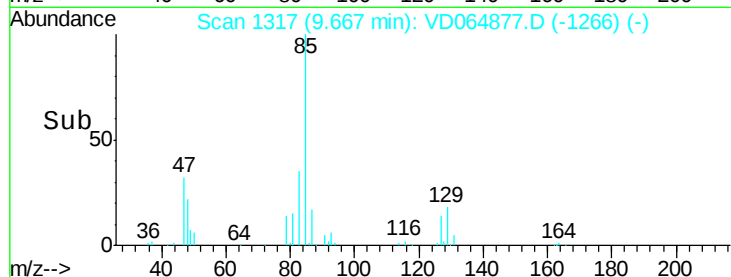
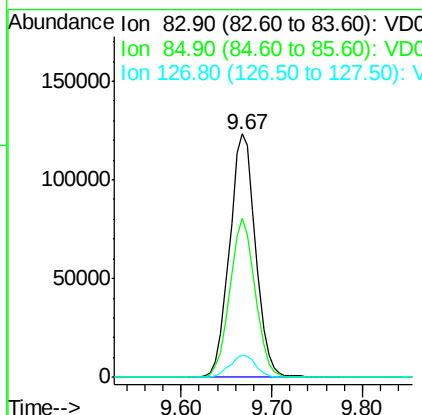
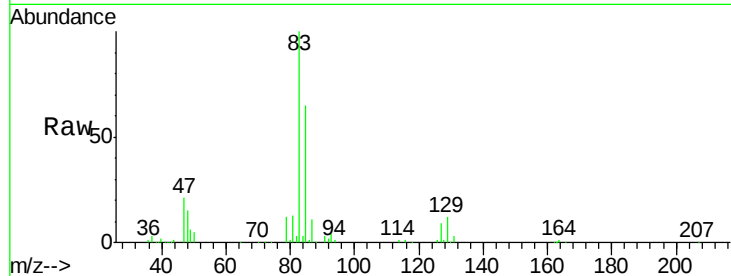




#47
 Bromodichloromethane
 Concen: 62.42 ug/l
 RT: 9.67 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

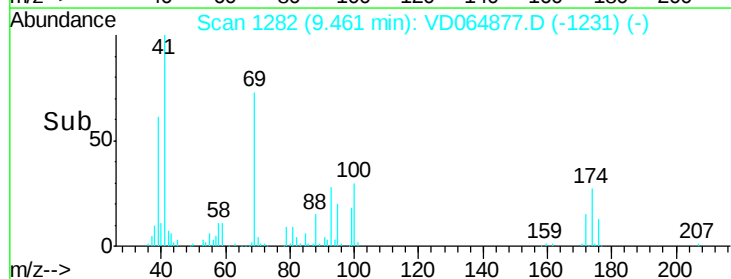
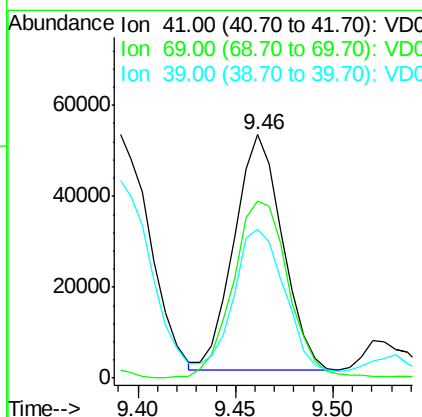
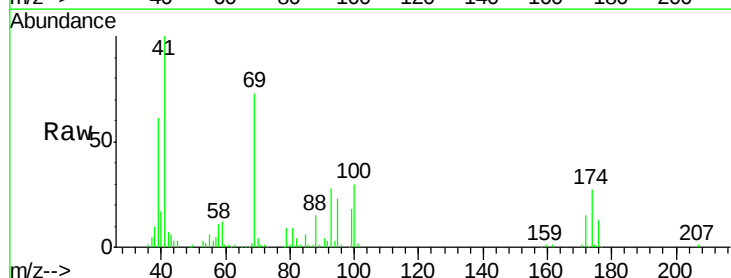
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

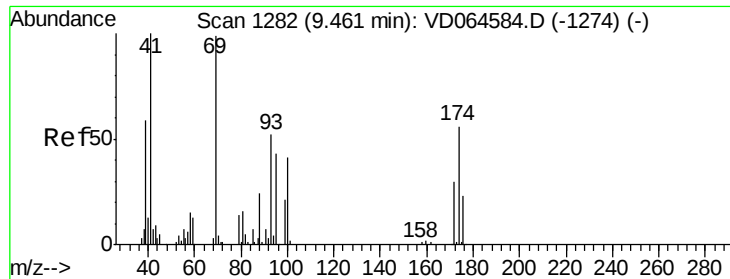
Tgt Ion: 83 Resp: 246387
 Ion Ratio Lower Upper
 83 100
 85 65.5 49.5 74.3
 127 9.3 7.8 11.6



#48
 Methyl methacrylate
 Concen: 59.06 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 41 Resp: 88760
 Ion Ratio Lower Upper
 41 100
 69 85.3 63.0 94.6
 39 70.3 47.4 71.2

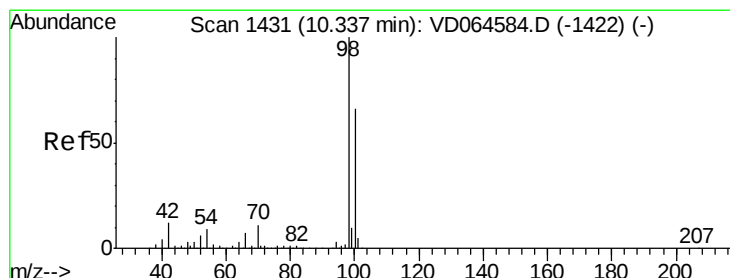
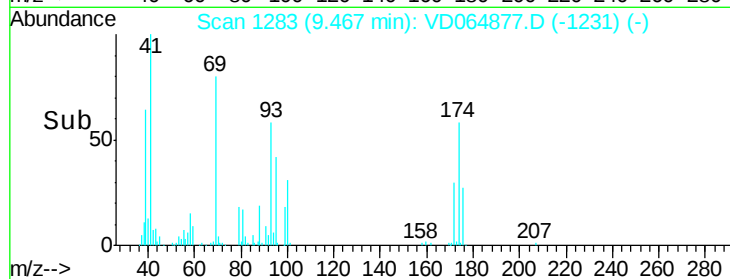
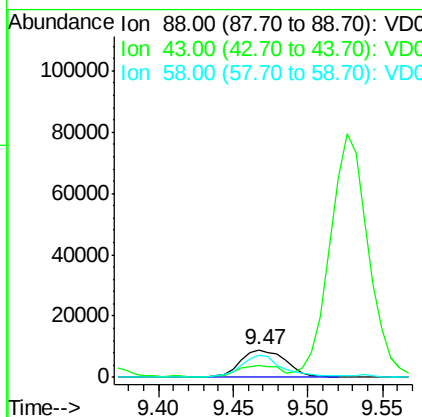
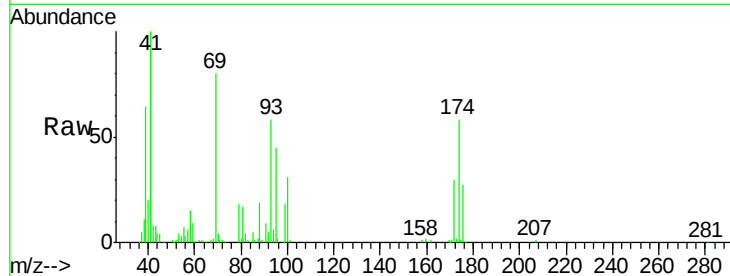




#49
1,4-Dioxane
Concen: 1136.31 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

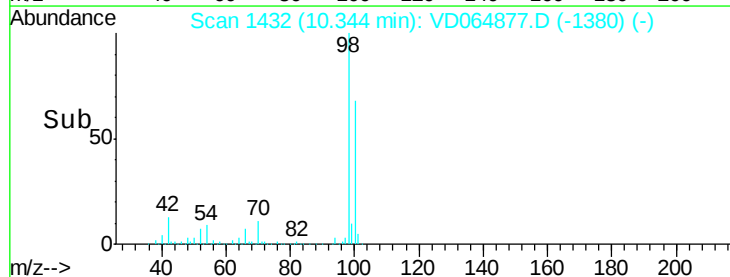
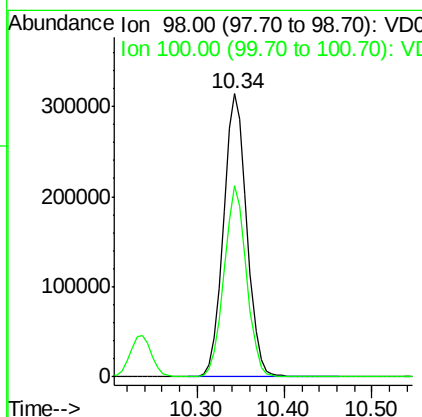
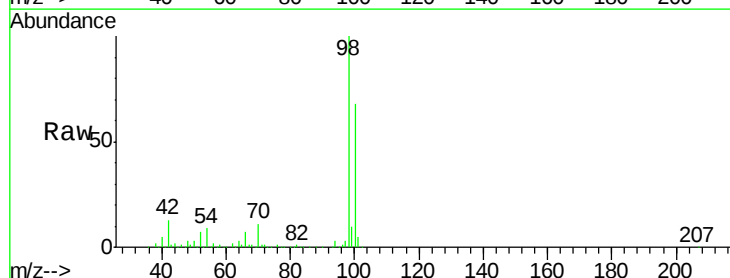
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

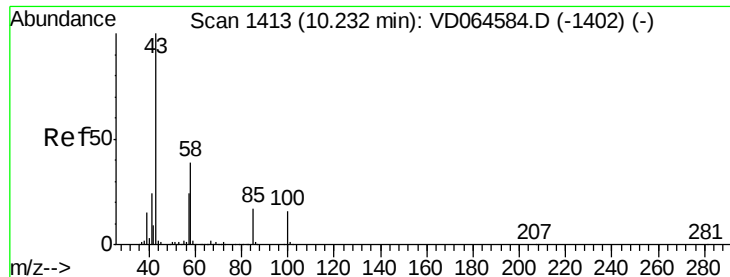
Tgt Ion: 88 Resp: 19437
Ion Ratio Lower Upper
88 100
43 36.9 27.7 41.5
58 71.2 53.8 80.6



#50
Toluene-d8
Concen: 57.66 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 98 Resp: 574612
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5

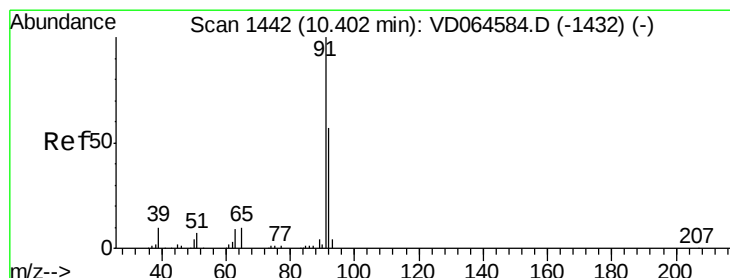
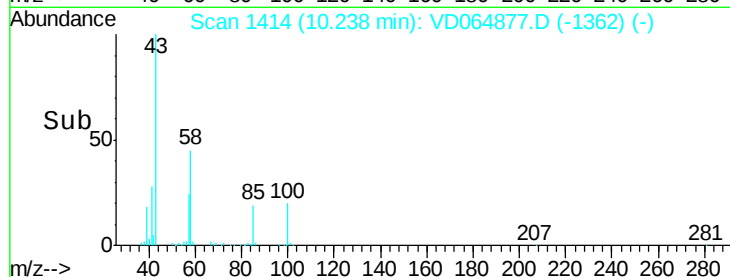
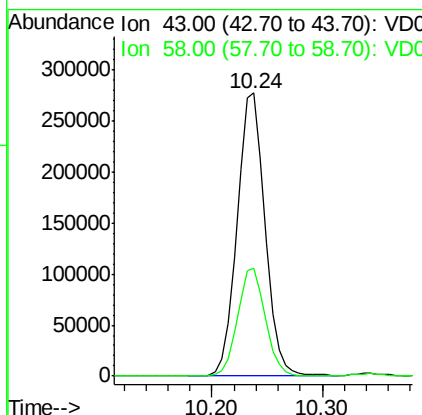
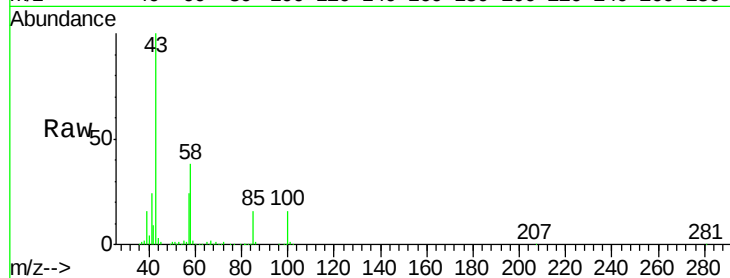




#51
 4-Methyl-2-Pentanone
 Concen: 312.98 ug/l
 RT: 10.24 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

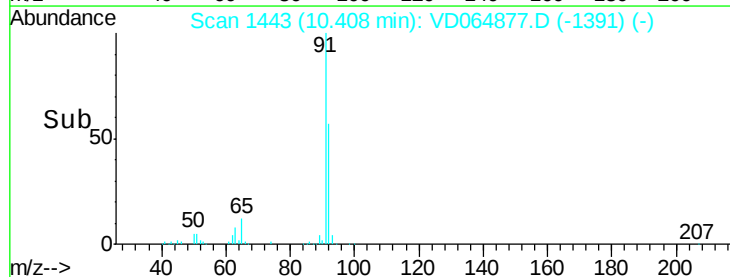
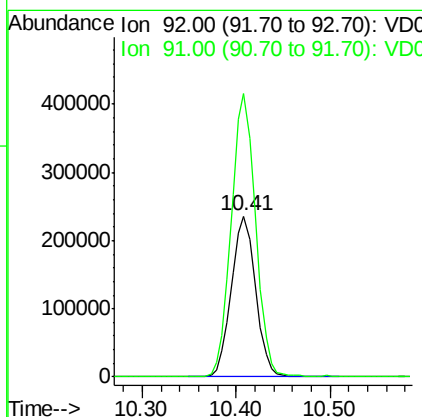
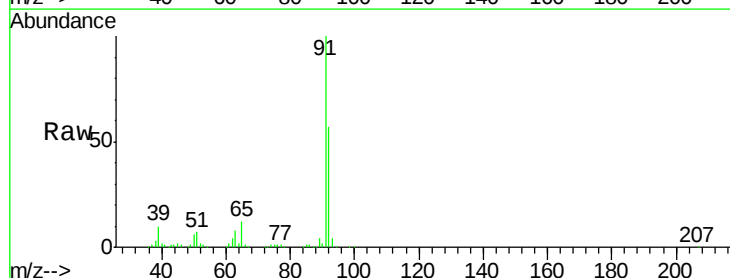
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

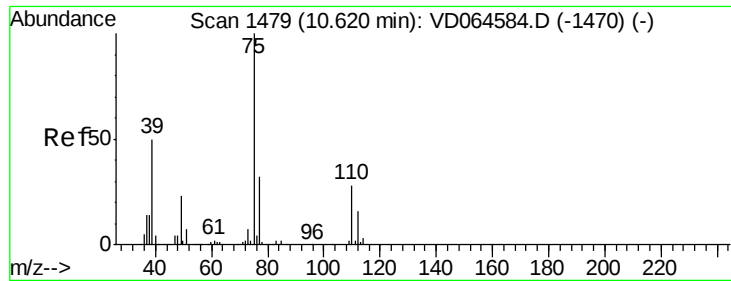
Tgt Ion: 43 Resp: 493803
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.2 45.2



#52
 Toluene
 Concen: 58.11 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 92 Resp: 424856
 Ion Ratio Lower Upper
 92 100
 91 175.5 138.7 208.1

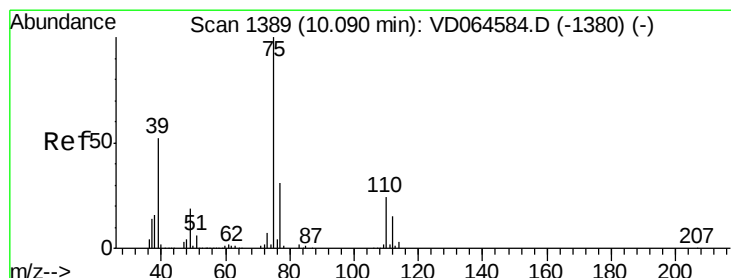
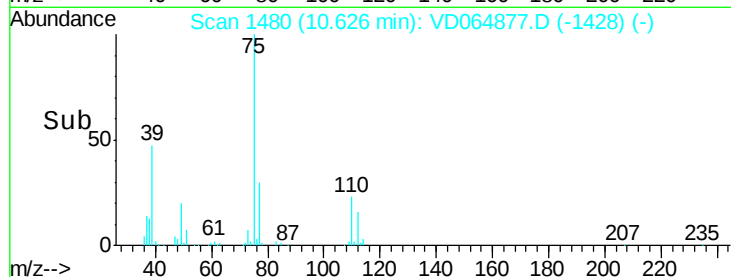
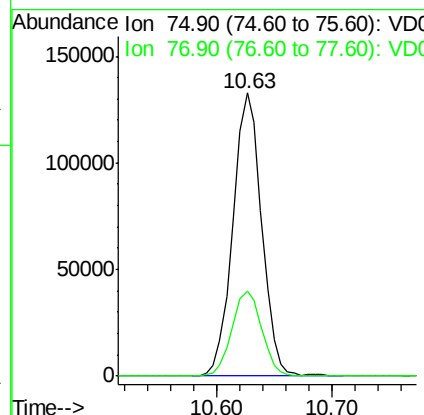
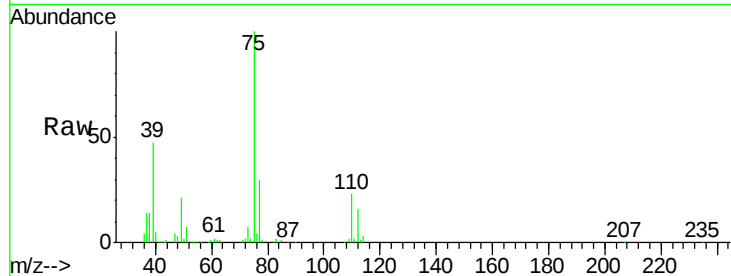




#53
t-1,3-Dichloropropene
Concen: 62.35 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

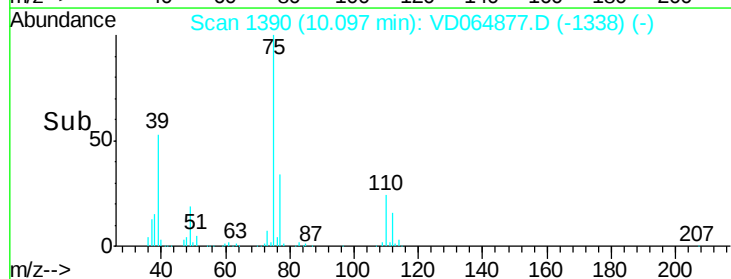
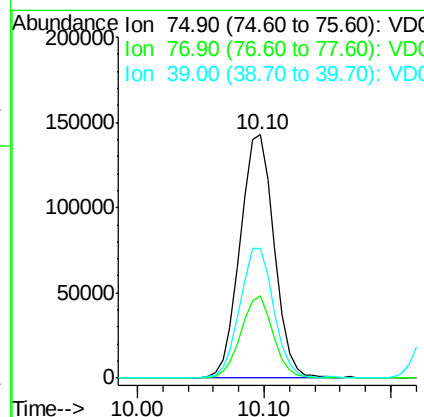
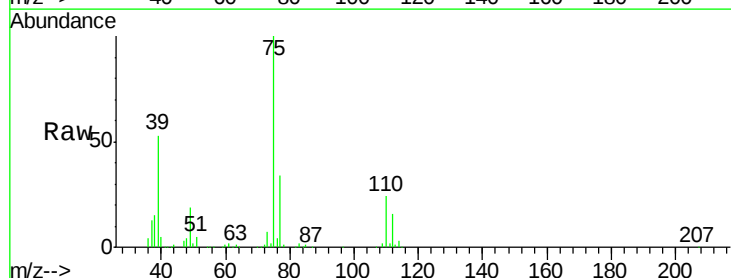
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

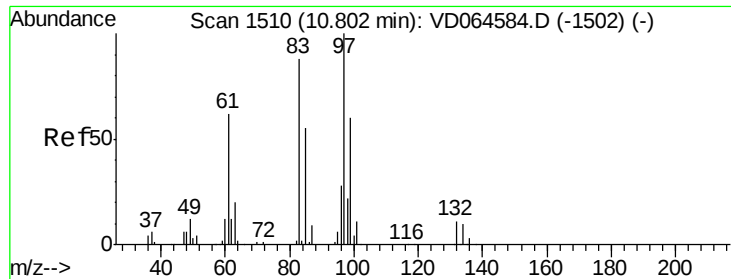
Tgt Ion: 75 Resp: 229472
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 61.53 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 75 Resp: 266994
Ion Ratio Lower Upper
75 100
77 33.7 24.6 36.8
39 52.9 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 62.54 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 125034

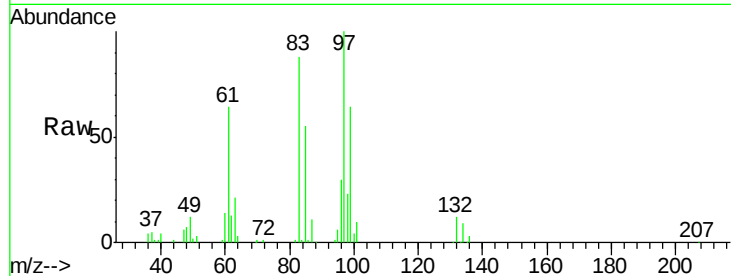
Ion Ratio Lower Upper

97 100

83 88.1 70.2 105.4

85 54.6 44.0 66.0

99 64.1 47.8 71.6

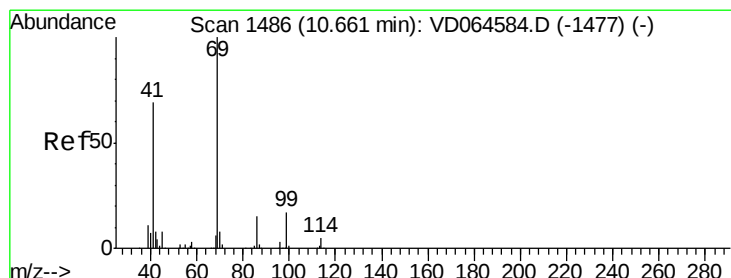
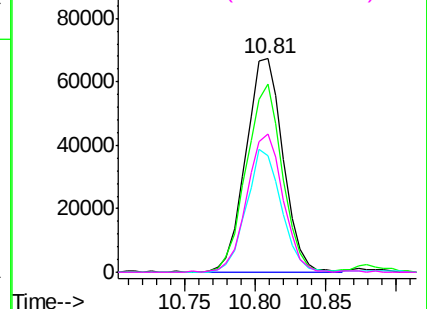
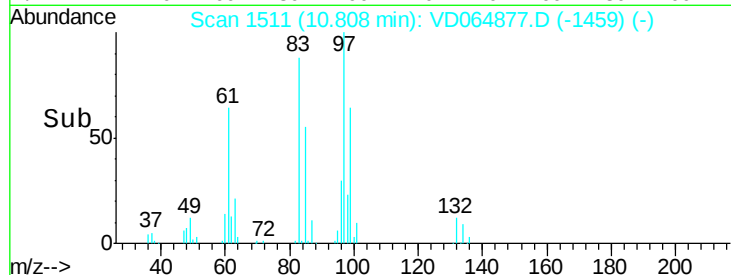


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 62.54 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

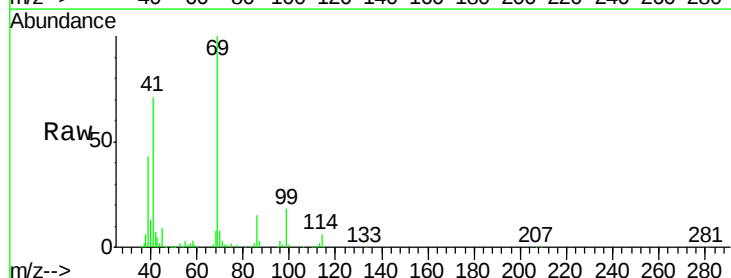
Tgt Ion: 69 Resp: 156146

Ion Ratio Lower Upper

69 100

41 70.1 55.3 82.9

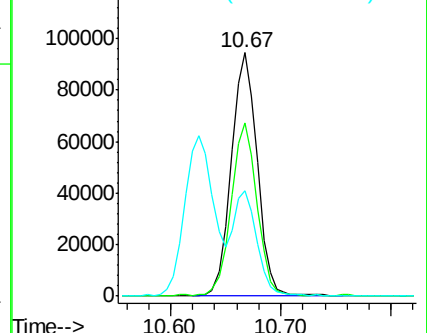
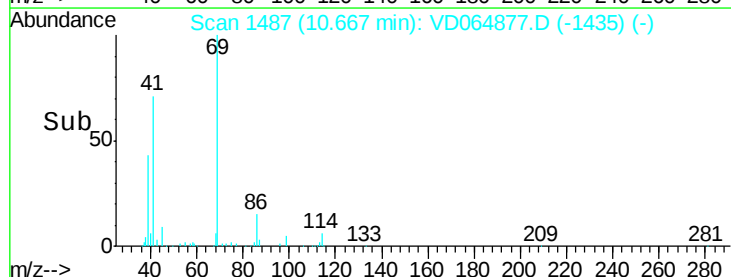
39 38.6 33.8 50.8

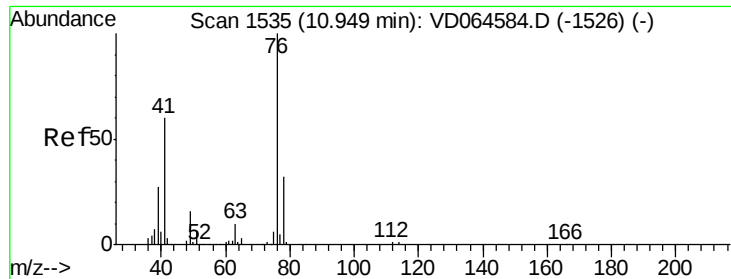


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

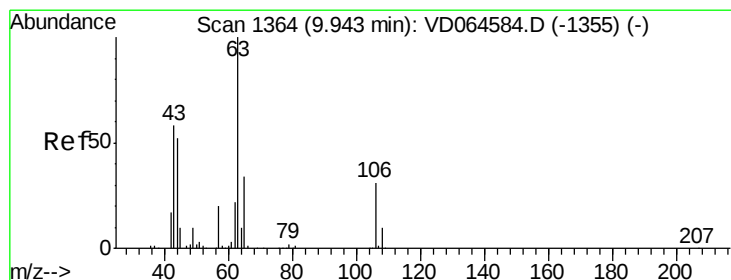
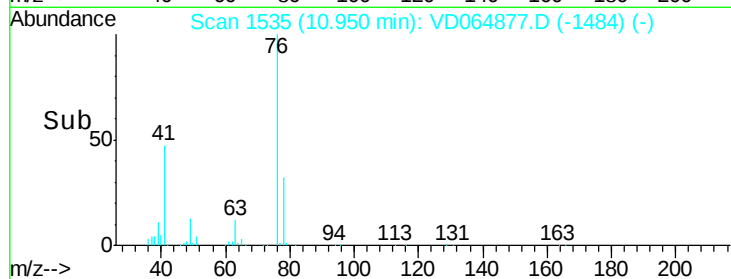
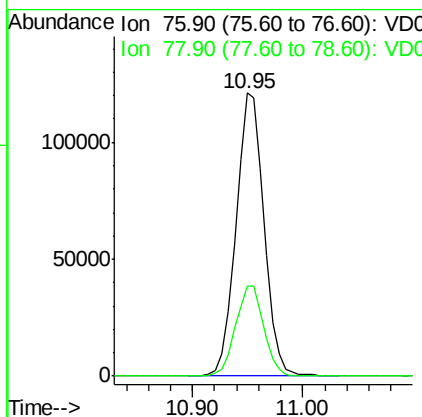
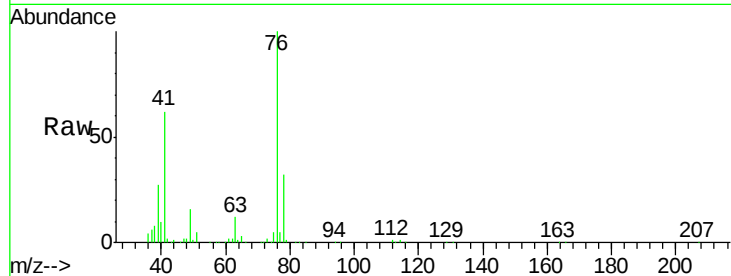




#57
 1,3-Dichloropropane
 Concen: 62.57 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

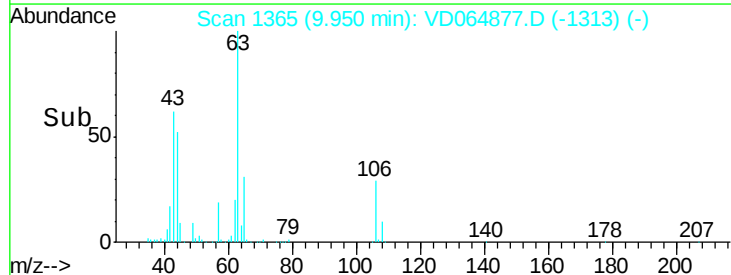
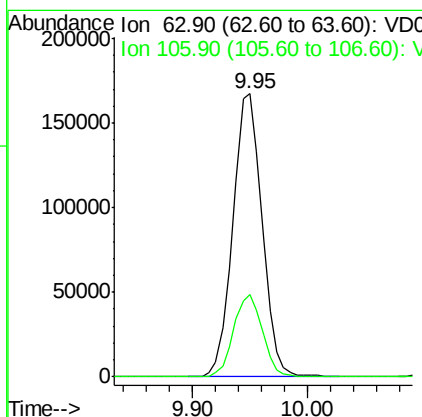
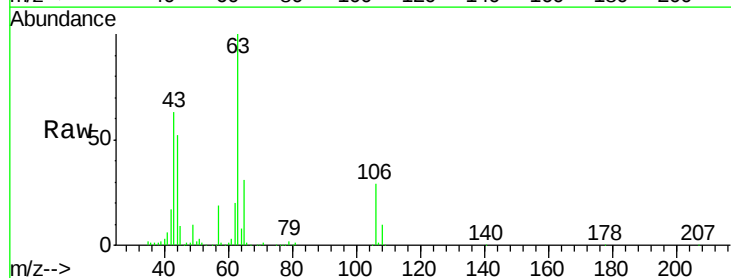
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

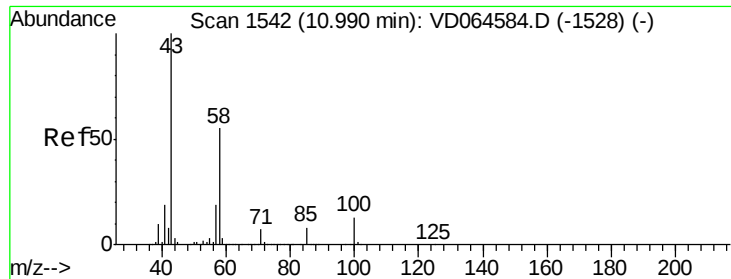
Tgt Ion: 76 Resp: 215374
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 308.43 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 63 Resp: 293392
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.8 35.8

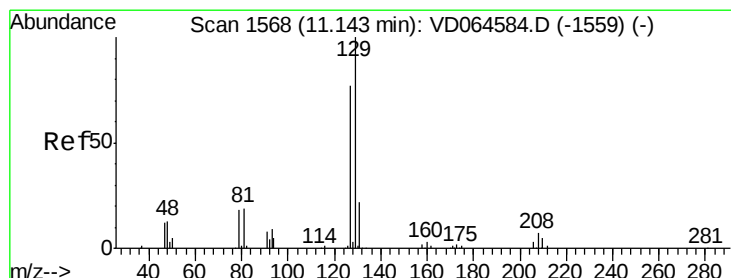
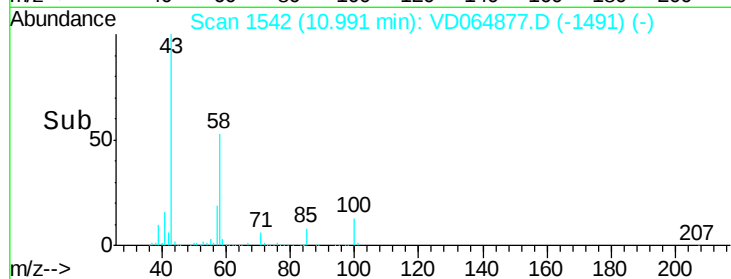
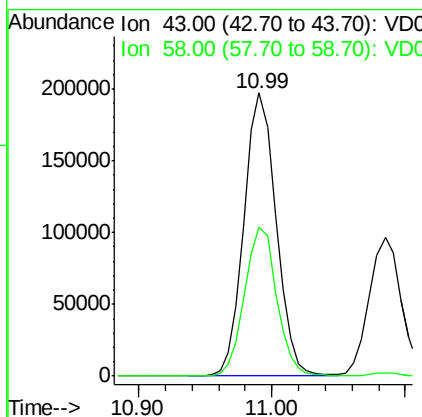
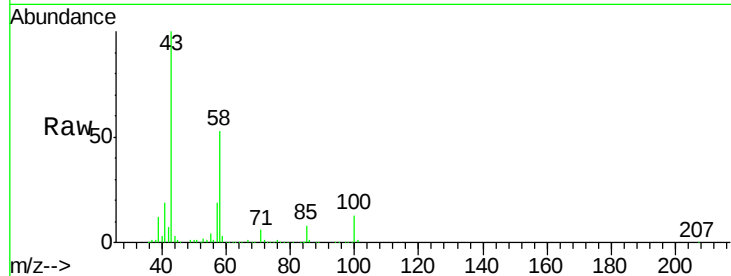




#59
2-Hexanone
Concen: 306.24 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

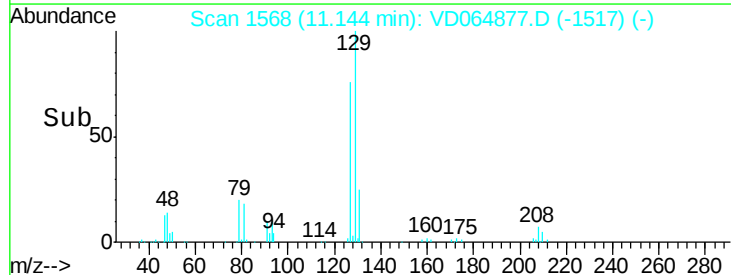
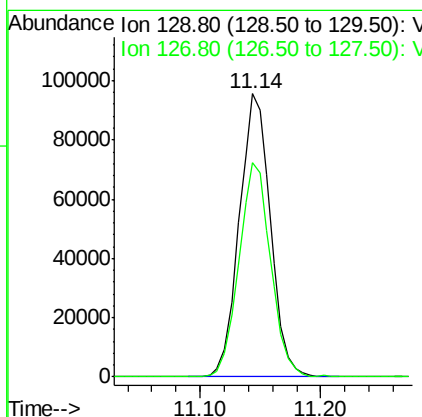
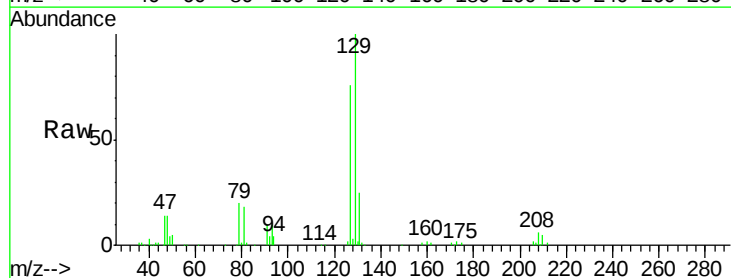
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

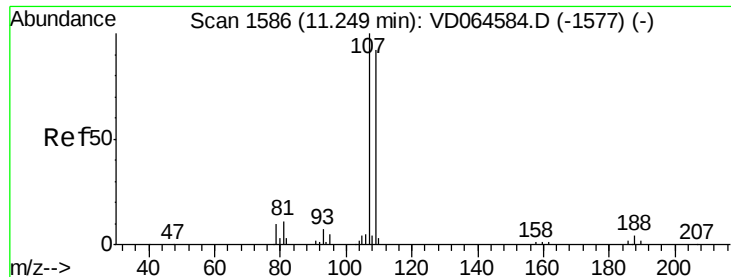
Tgt Ion: 43 Resp: 327942
Ion Ratio Lower Upper
43 100
58 52.5 26.4 79.0



#60
Dibromochloromethane
Concen: 62.11 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 129 Resp: 171715
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

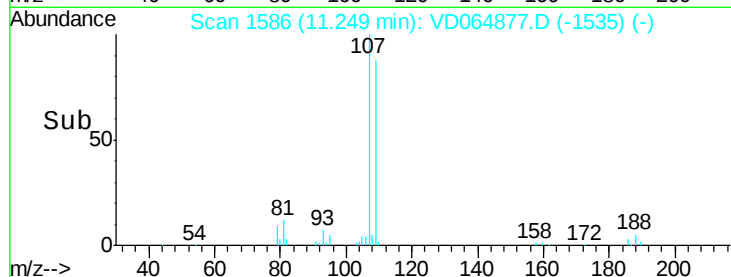
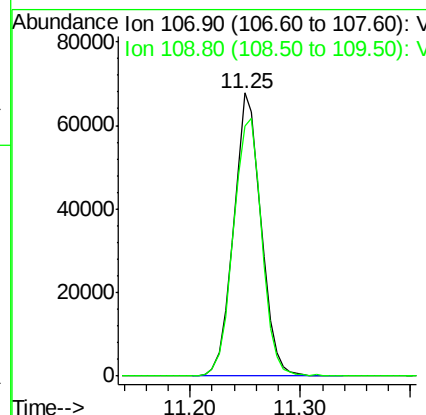
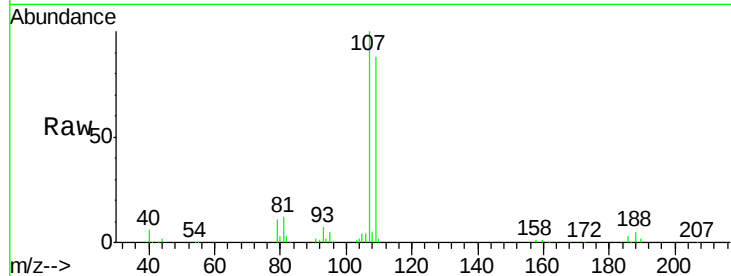




#61
 1,2-Dibromoethane
 Concen: 59.91 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

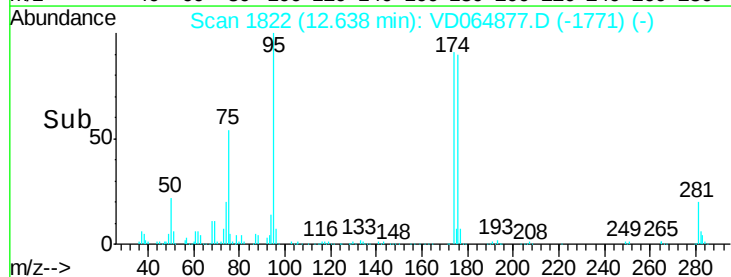
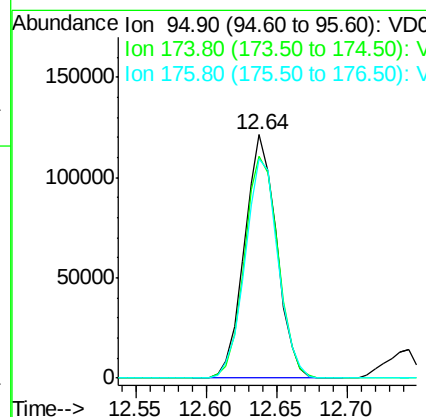
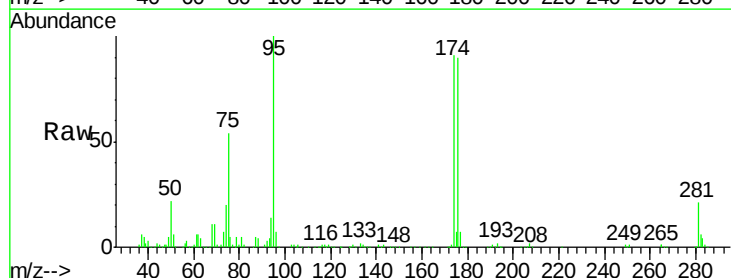
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

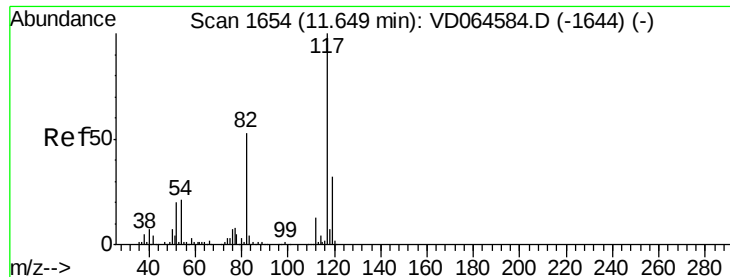
Tgt Ion: 107 Resp: 118136
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 61.44 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 95 Resp: 193616
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 193.2
 176 92.7 0.0 184.2

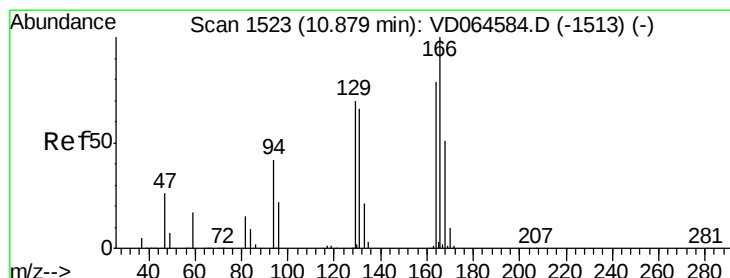
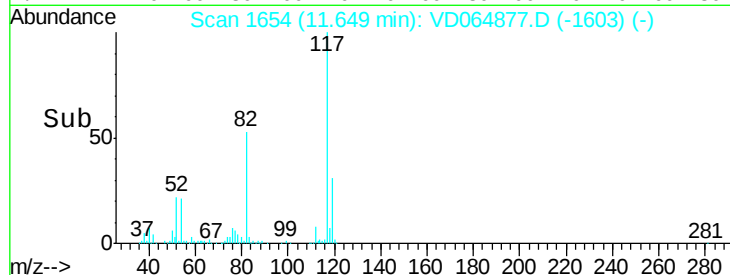
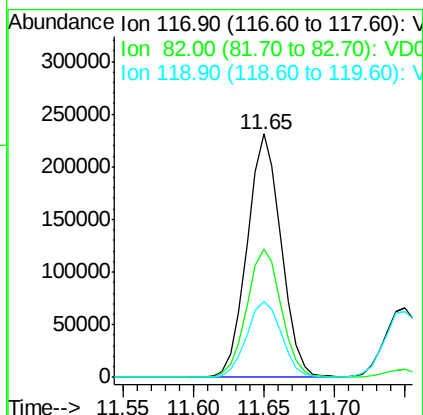
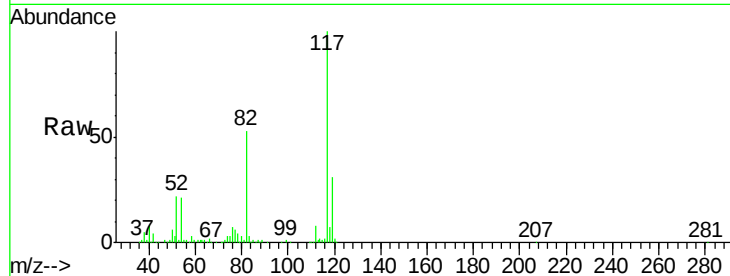




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

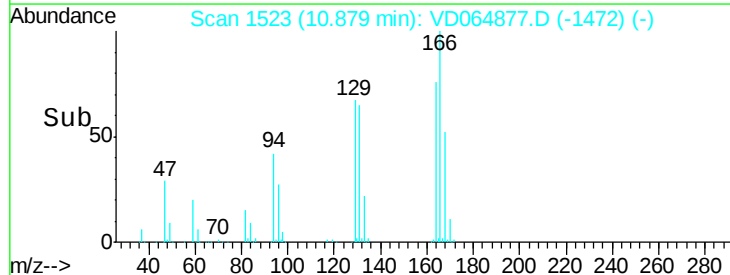
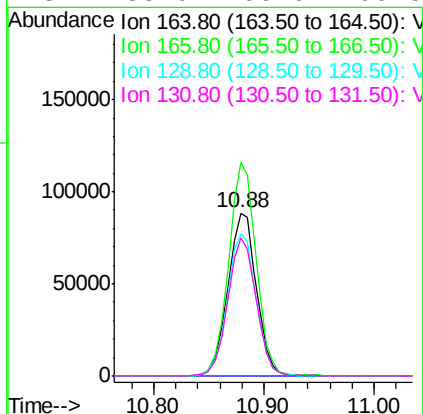
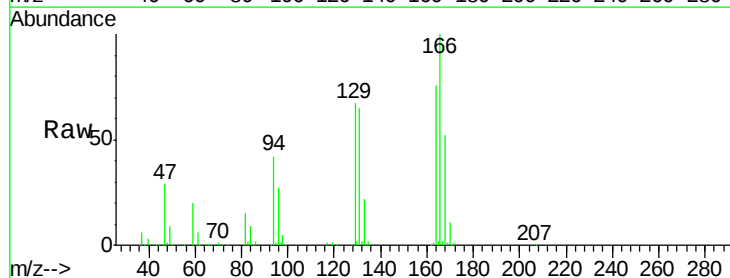
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 390631
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.3 26.0 39.0



#64
Tetrachloroethene
Concen: 53.46 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion:164 Resp: 160226
Ion Ratio Lower Upper
164 100
166 130.9 101.3 151.9
129 87.4 70.5 105.7
131 85.0 66.6 99.8





#65

Chlorobenzene

Concen: 56.96 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

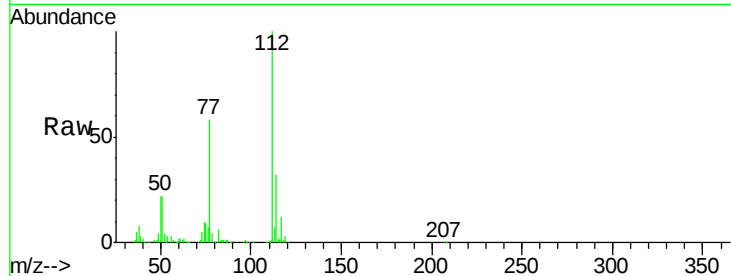
VSTDCCC050EC

Tgt Ion:112 Resp: 461819

Ion Ratio Lower Upper

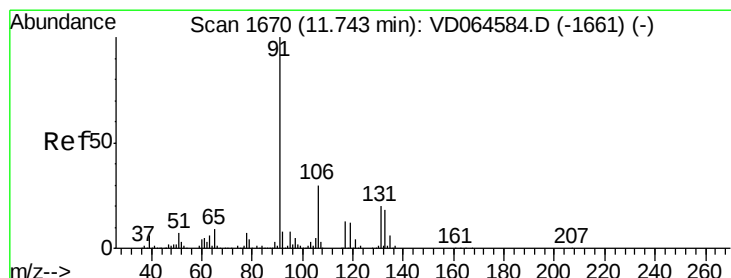
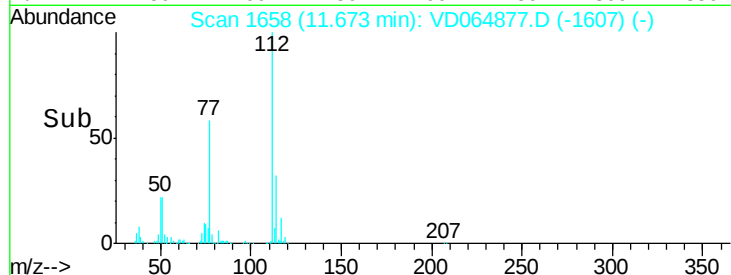
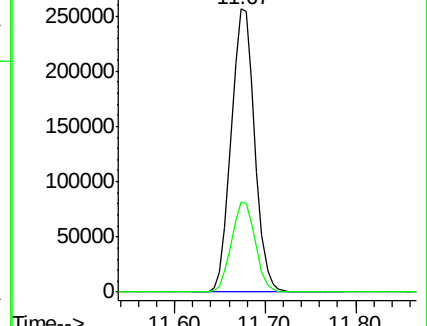
112 100

114 31.9 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 60.40 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

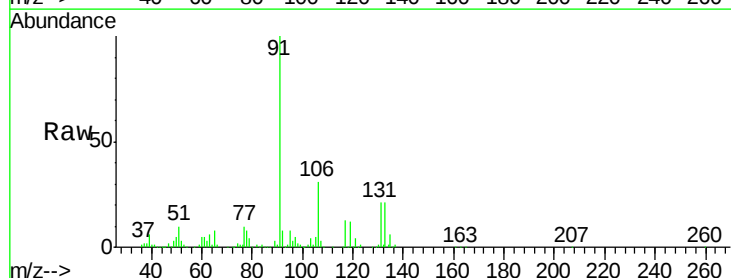
Tgt Ion:131 Resp: 184610

Ion Ratio Lower Upper

131 100

133 96.1 48.3 144.8

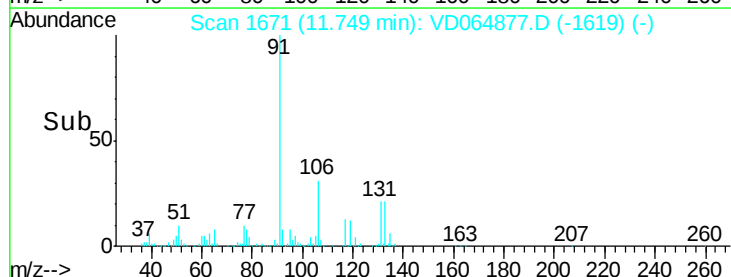
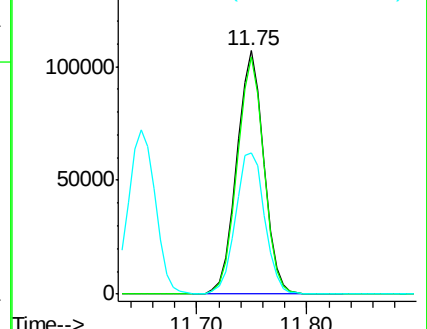
119 62.7 32.1 96.3

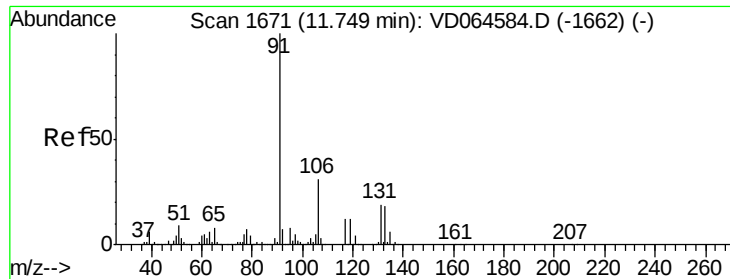


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 55.66 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

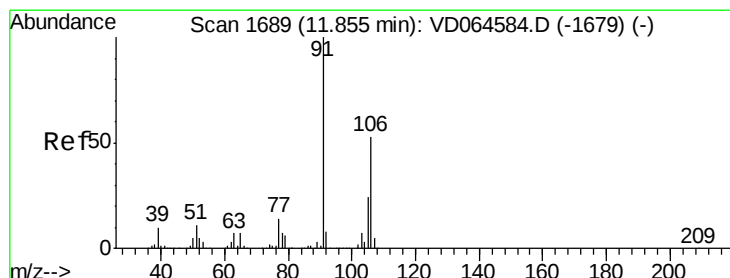
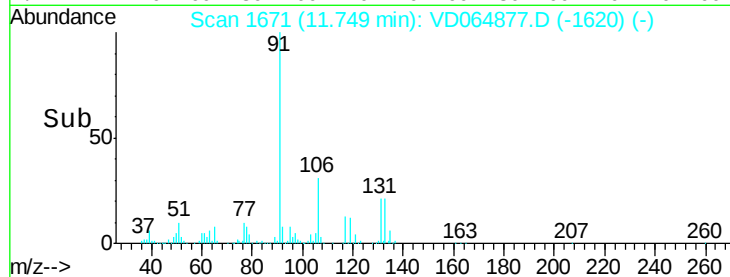
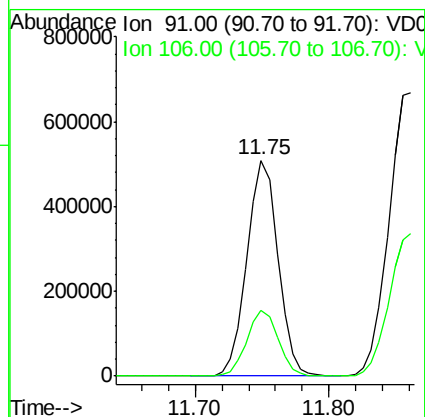
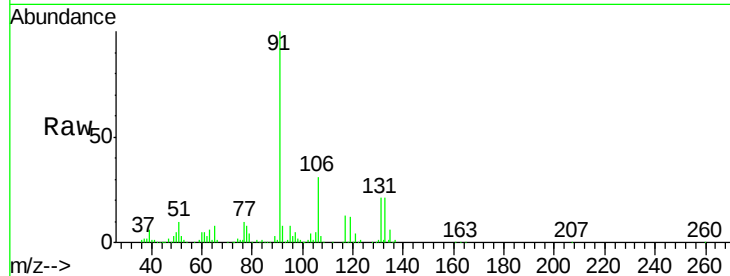
VSTDCCC050EC

Tgt Ion: 91 Resp: 818997

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 112.28 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD064877.D

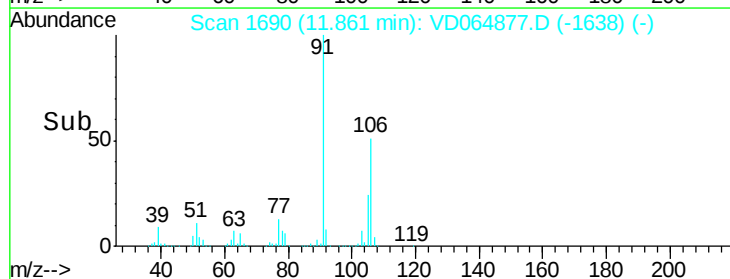
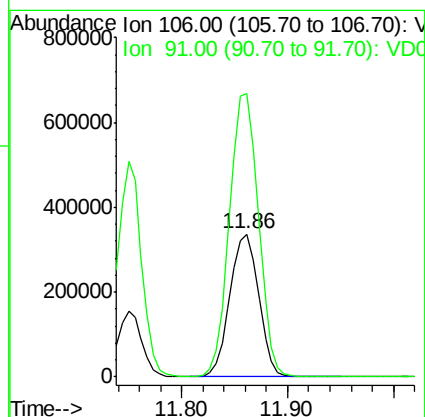
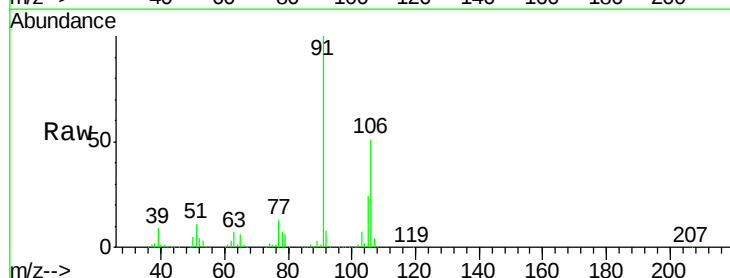
Acq: 17 Jan 2020 21:56

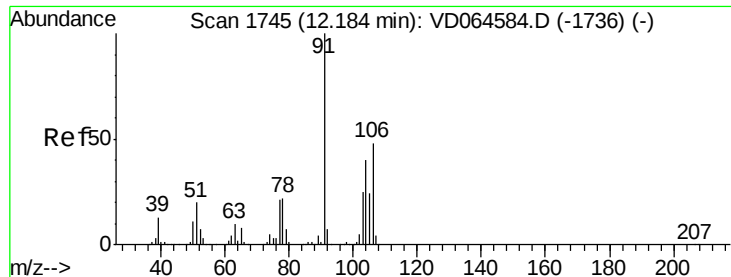
Tgt Ion: 106 Resp: 637727

Ion Ratio Lower Upper

106 100

91 199.7 156.3 234.5

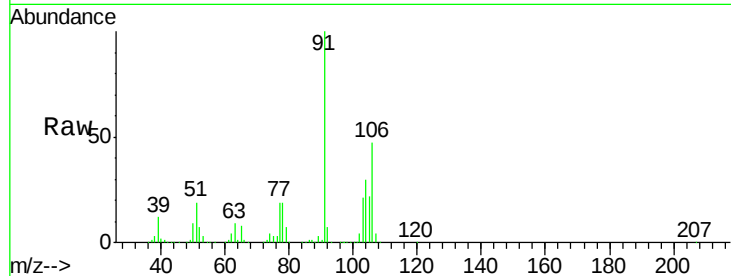




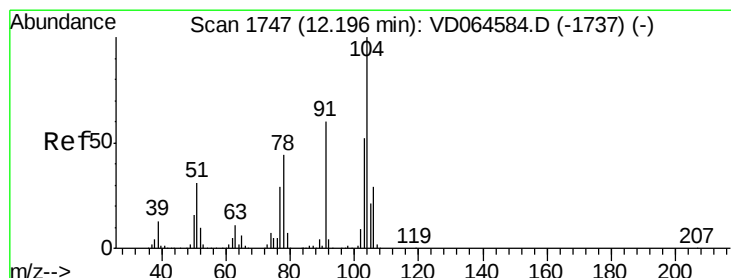
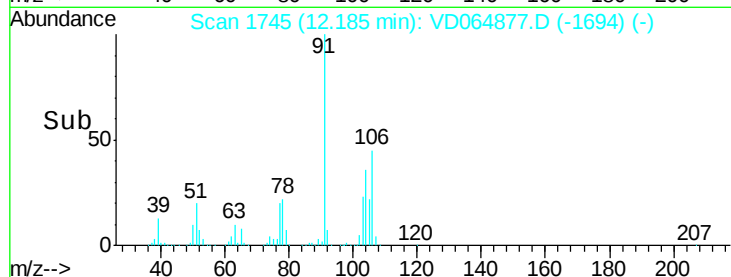
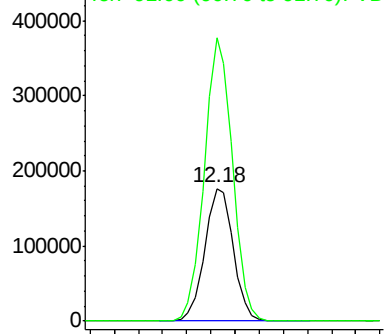
#69
o-Xylene
Concen: 56.98 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 292351
Ion Ratio Lower Upper
106 100
91 209.6 104.8 314.4

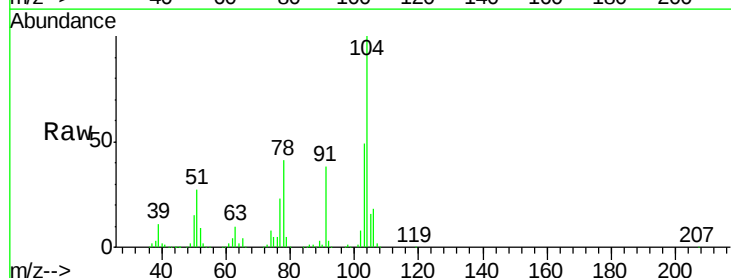


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

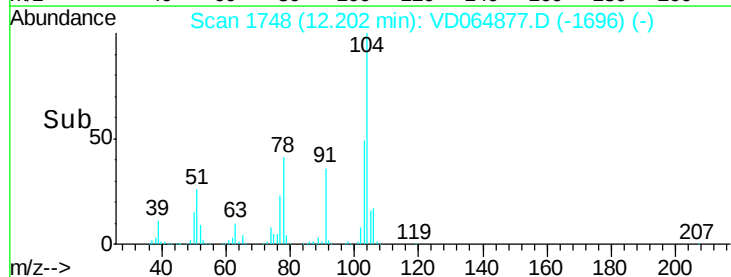
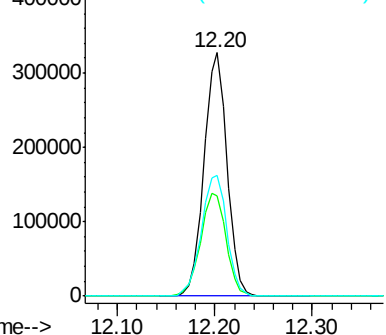


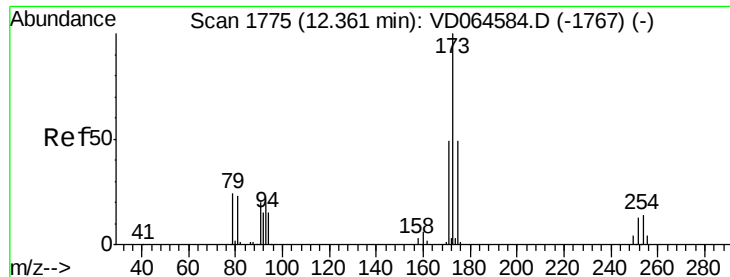
#70
Styrene
Concen: 59.25 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion:104 Resp: 533600
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.2
103 55.0 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 57.35 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

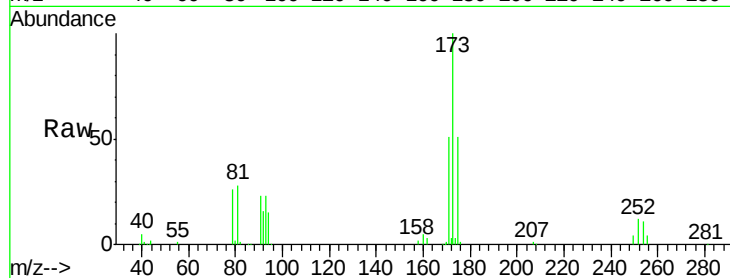
Tgt Ion:173 Resp: 99965

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

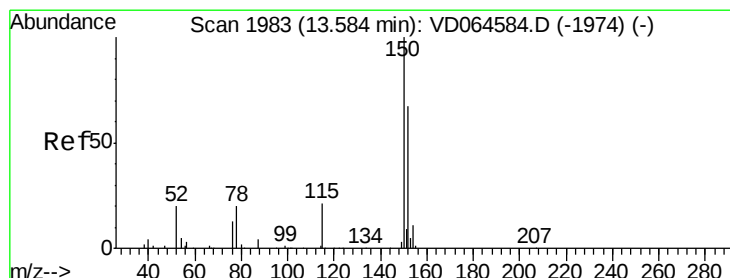
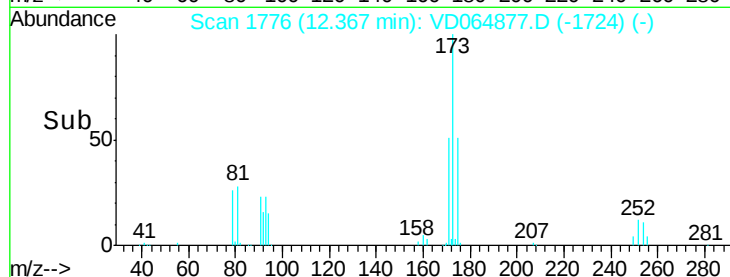
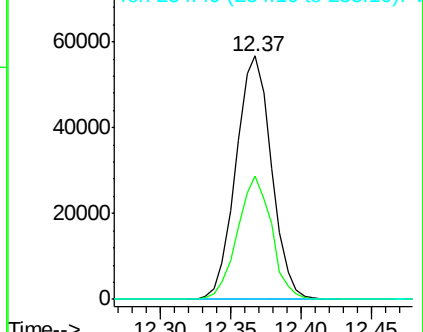
254 0.1 0.1 0.1#



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: VD064877.D

Acq: 17 Jan 2020 21:56

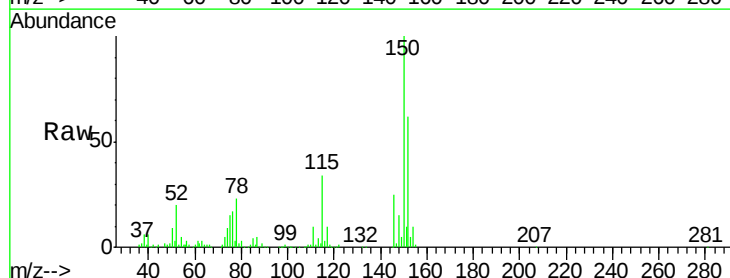
Tgt Ion:152 Resp: 201478

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

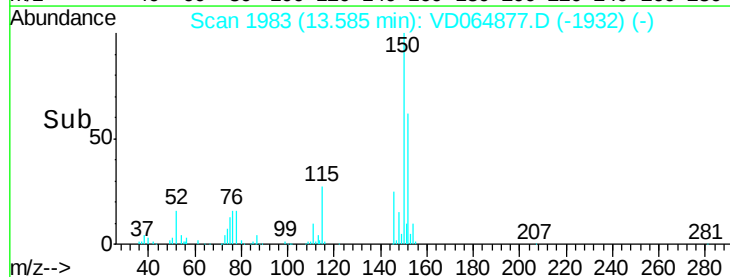
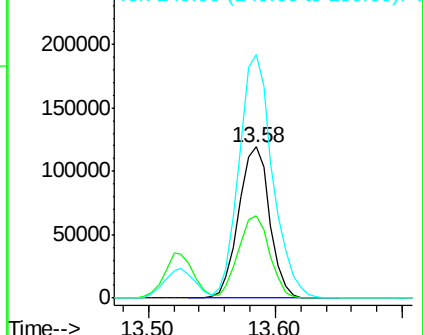
150 174.9 0.0 351.4

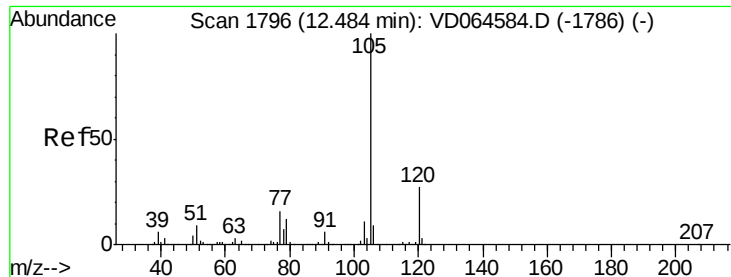


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.18 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

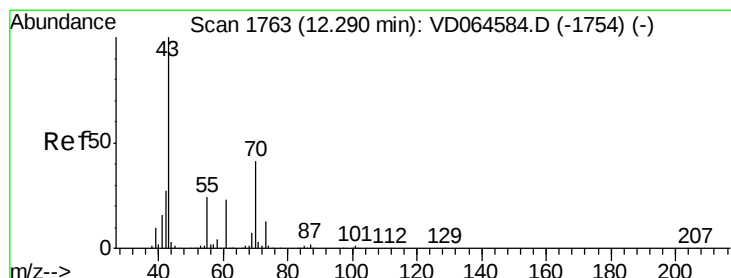
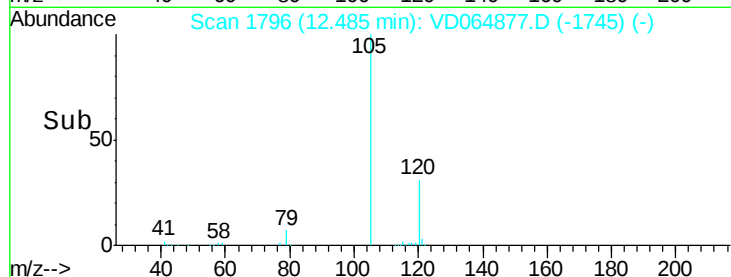
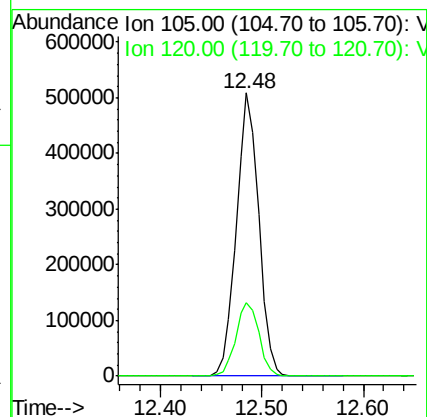
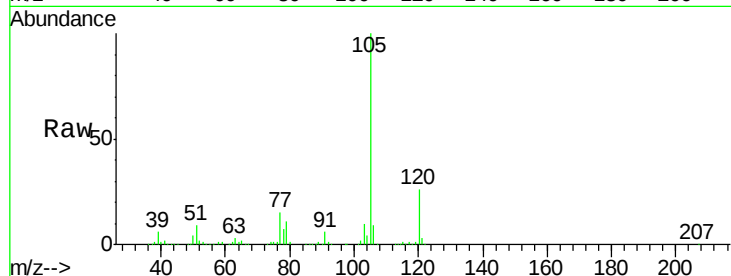
VSTDCCC050EC

Tgt Ion: 105 Resp: 780122

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 56.87 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Tgt Ion: 43 Resp: 175045

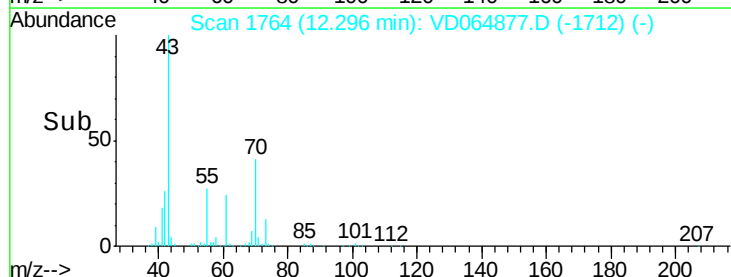
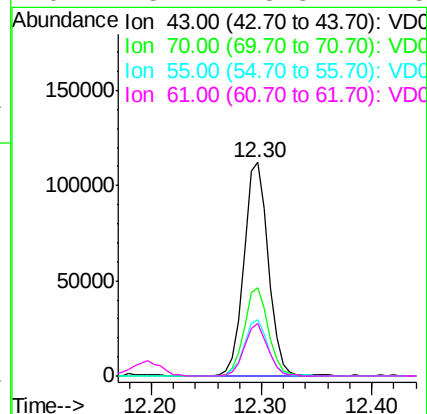
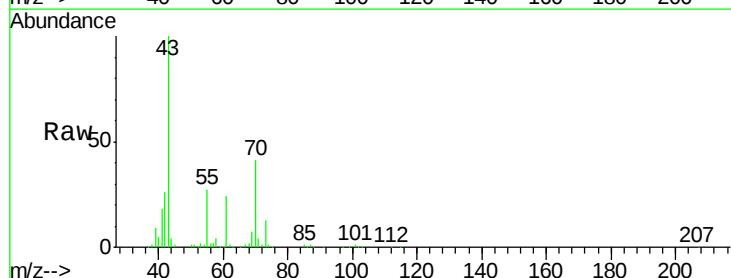
Ion Ratio Lower Upper

43 100

70 40.8 33.4 50.0

55 25.9 19.4 29.0

61 23.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 57.67 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

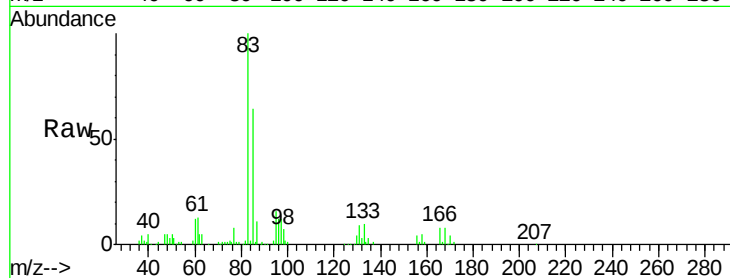
Tgt Ion: 83 Resp: 130431

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

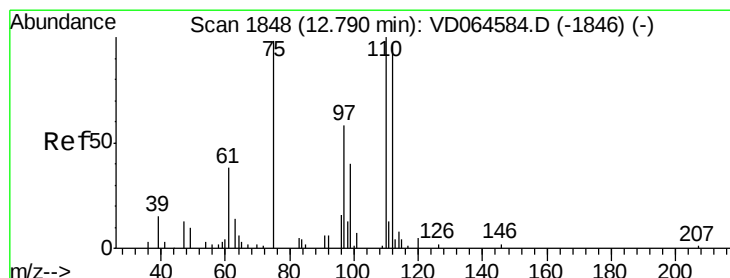
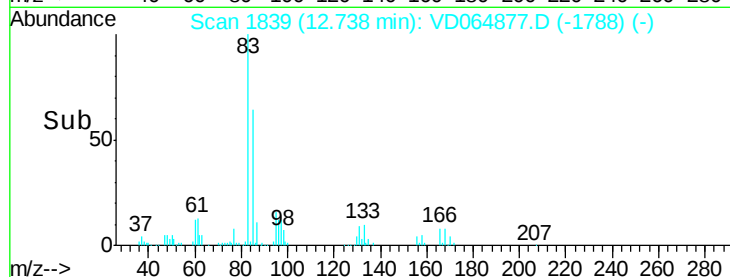
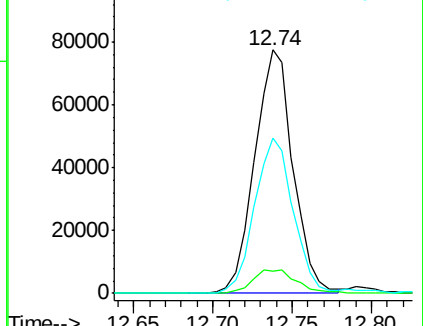
85 64.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 106.49 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064877.D

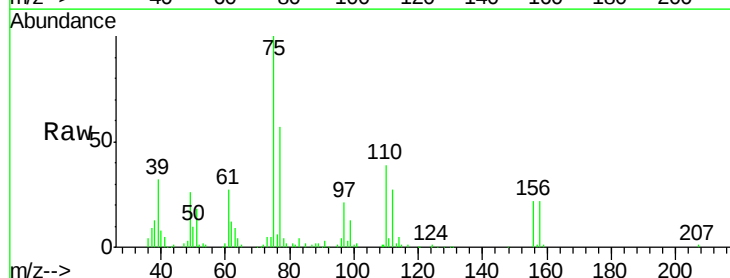
Acq: 17 Jan 2020 21:56

Tgt Ion: 75 Resp: 169431

Ion Ratio Lower Upper

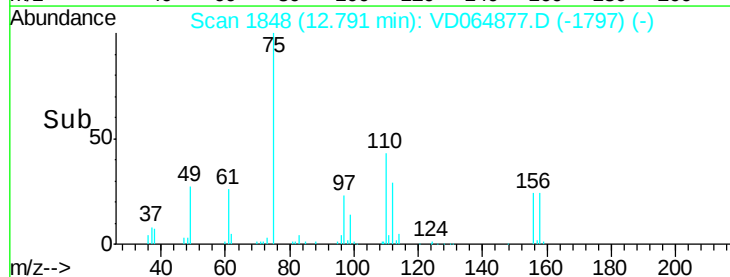
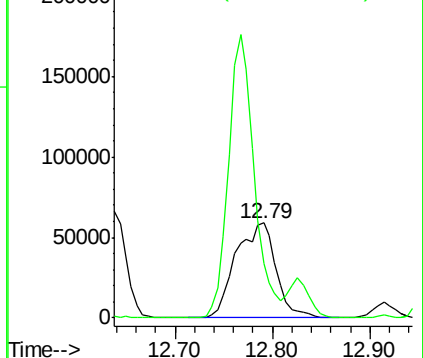
75 100

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: 55.78 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

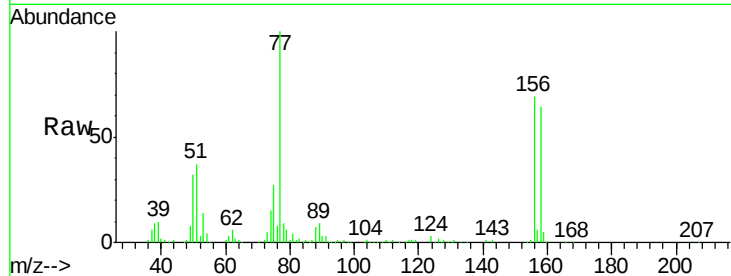
Tgt Ion:156 Resp: 197341

Ion Ratio Lower Upper

156 100

77 163.3 80.9 242.7

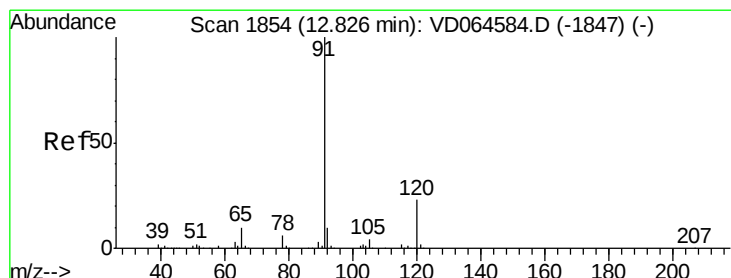
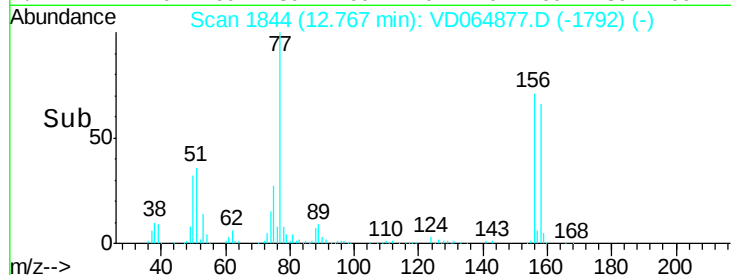
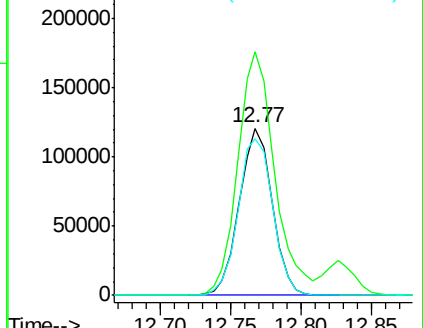
158 98.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.90 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064877.D

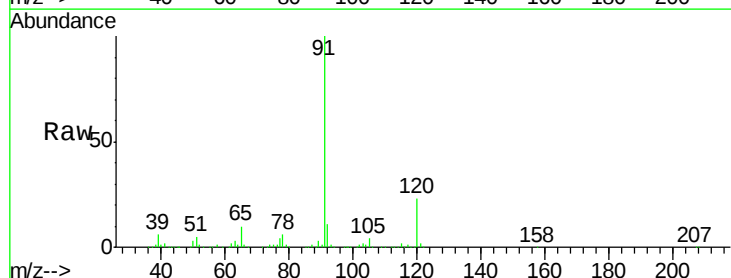
Acq: 17 Jan 2020 21:56

Tgt Ion: 91 Resp: 905417

Ion Ratio Lower Upper

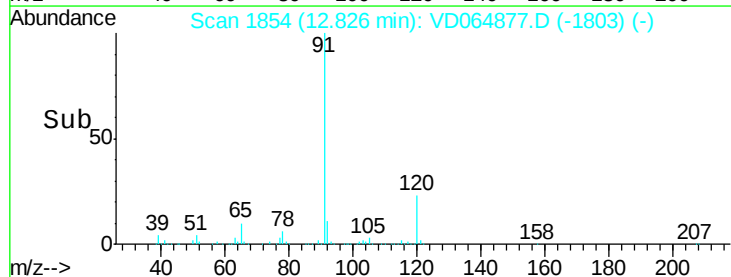
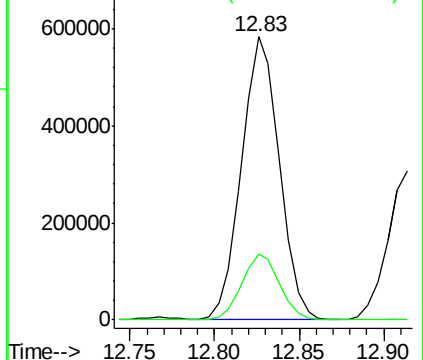
91 100

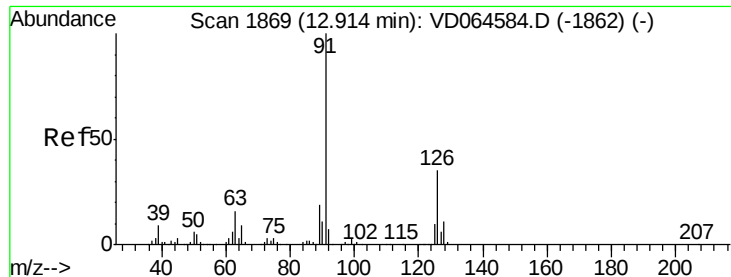
120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.07 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

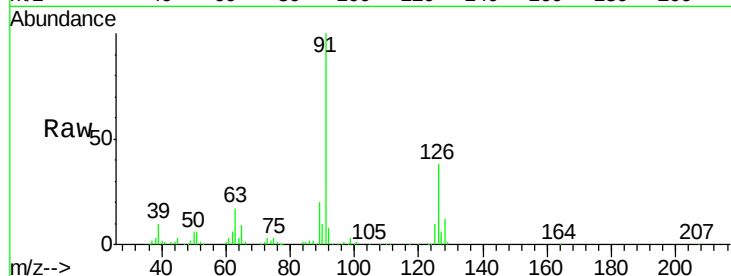
VSTDCCC050EC

Tgt Ion: 91 Resp: 508153

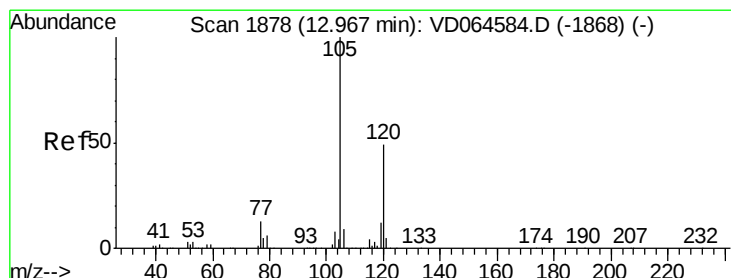
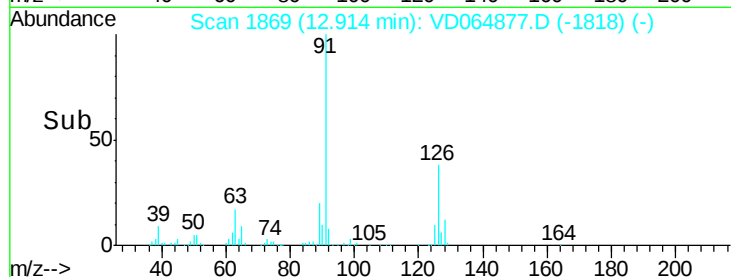
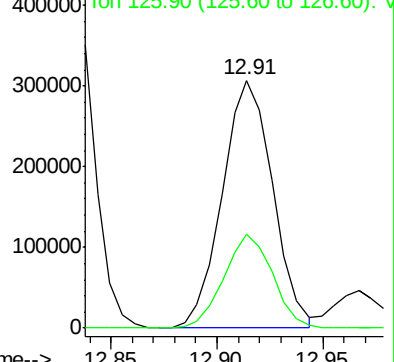
Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VD064877.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.48 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064877.D

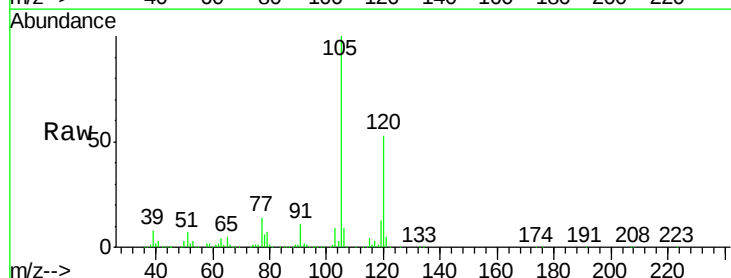
Acq: 17 Jan 2020 21:56

Tgt Ion: 105 Resp: 644298

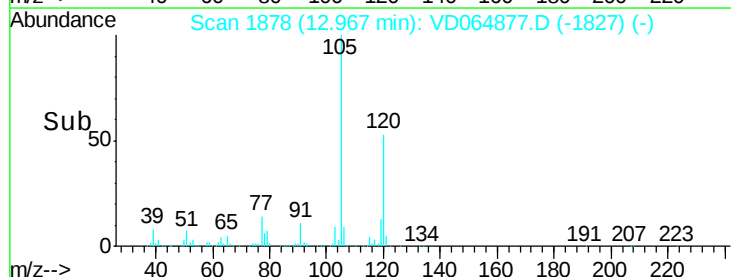
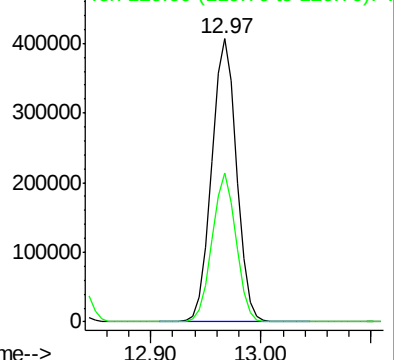
Ion Ratio Lower Upper

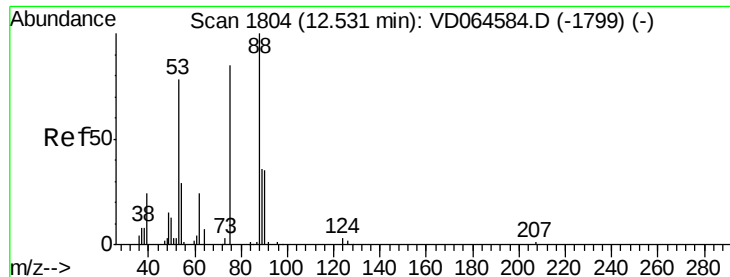
105 100

120 50.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VD064877.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.89 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

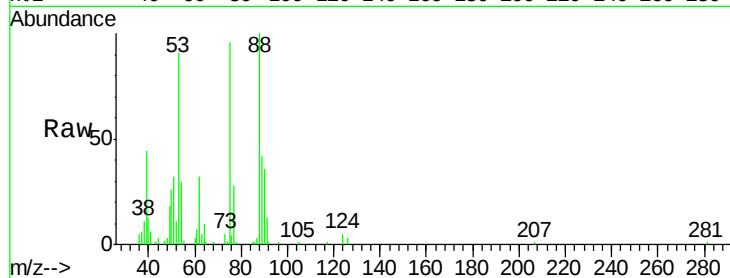
Tgt Ion: 75 Resp: 42516

Ion Ratio Lower Upper

75 100

53 104.4 78.8 118.2

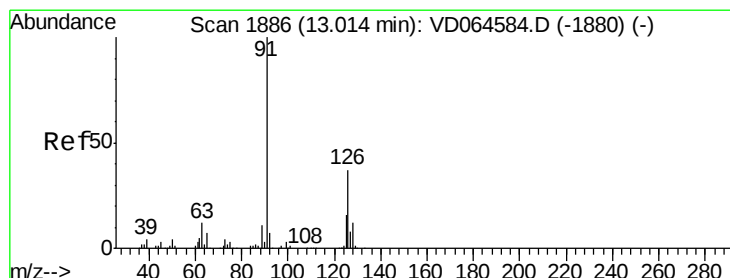
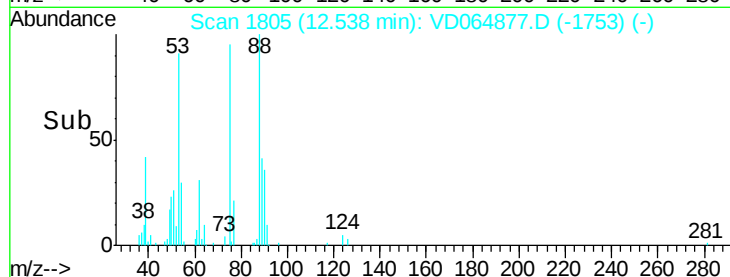
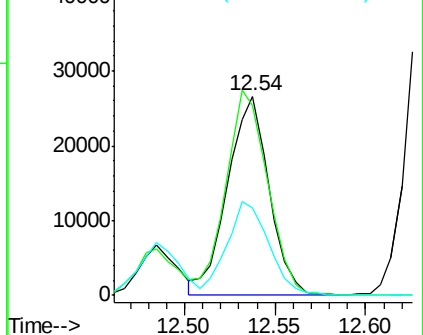
89 47.6 38.3 57.5



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: 54.94 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD064877.D

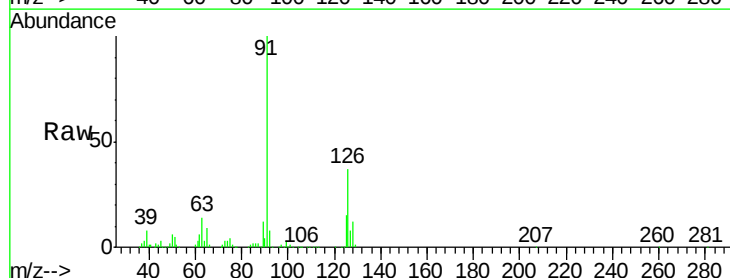
Acq: 17 Jan 2020 21:56

Tgt Ion: 91 Resp: 539538

Ion Ratio Lower Upper

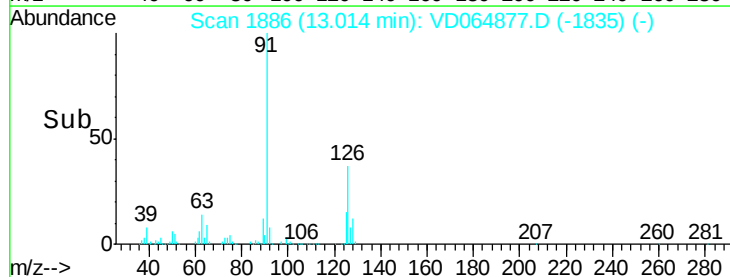
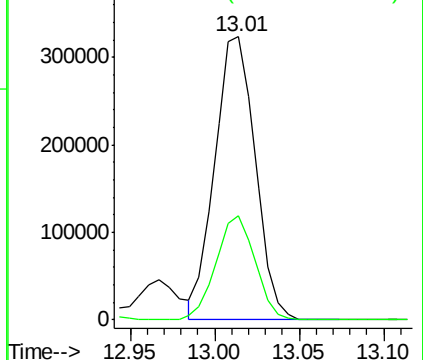
91 100

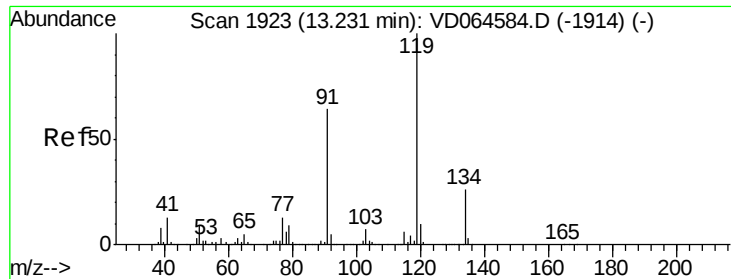
126 35.6 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

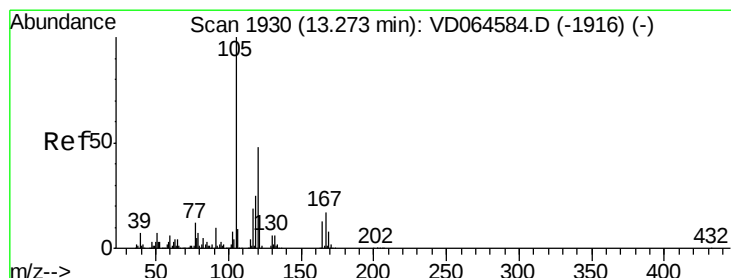
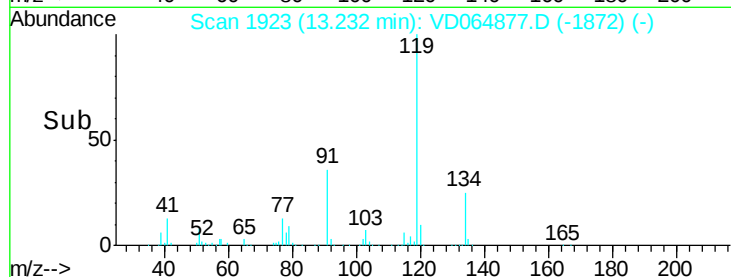
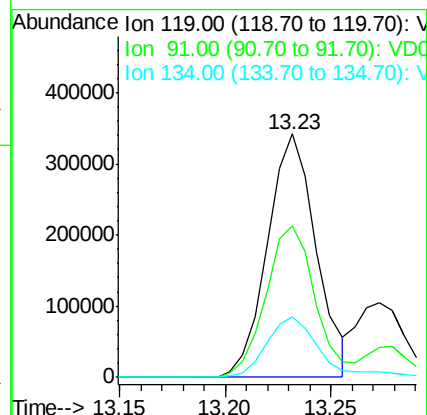
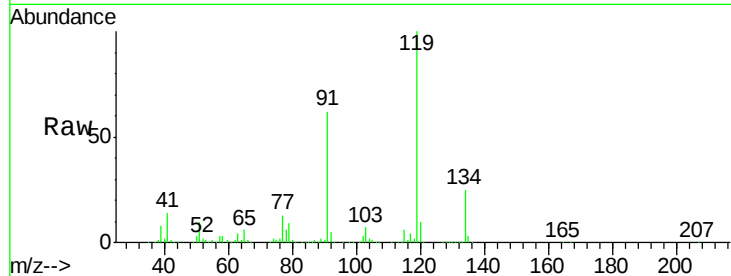




#83
 tert-Butylbenzene
 Concen: 53.43 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

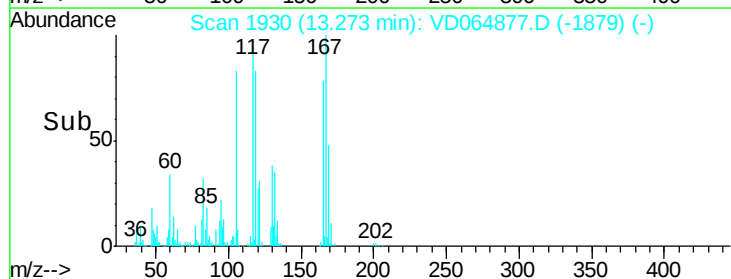
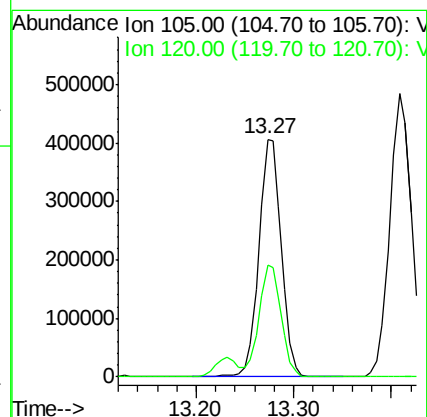
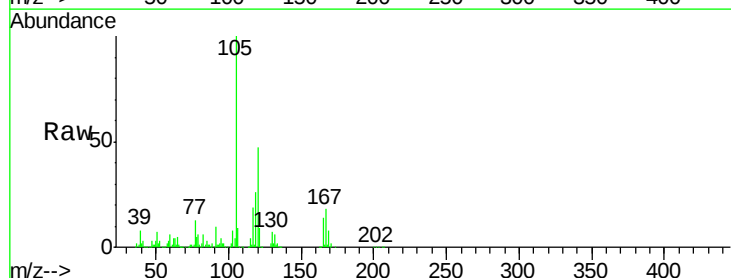
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 548715
 Ion Ratio Lower Upper
 119 100
 91 63.5 30.8 92.4
 134 27.2 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 55.75 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion:105 Resp: 656673
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.8 71.2

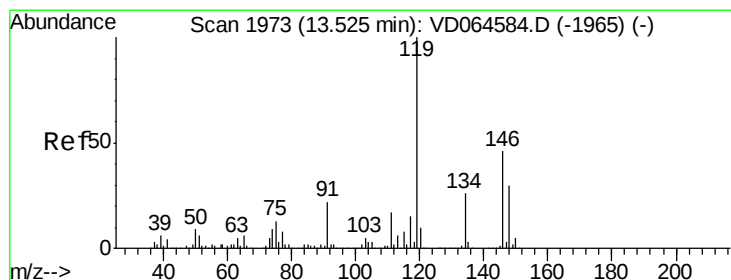
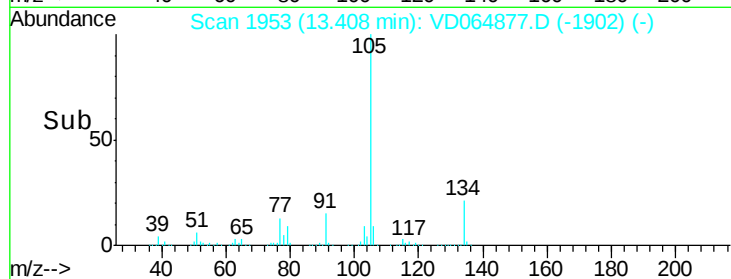
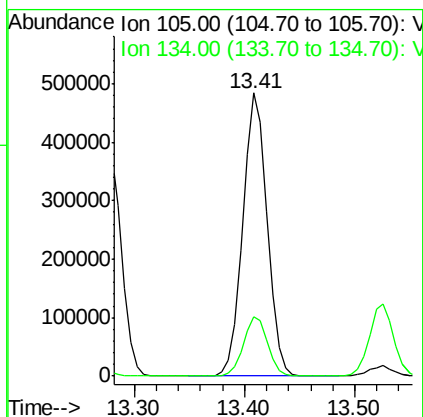
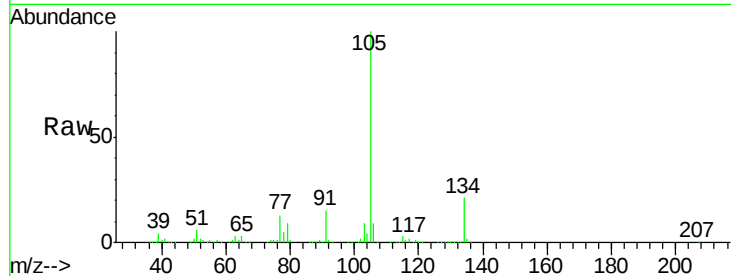




#85
 sec-Butylbenzene
 Concen: 53.28 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

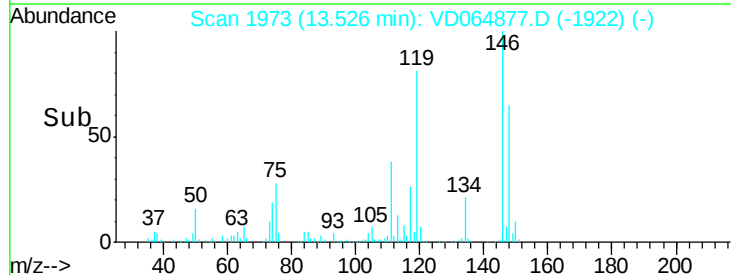
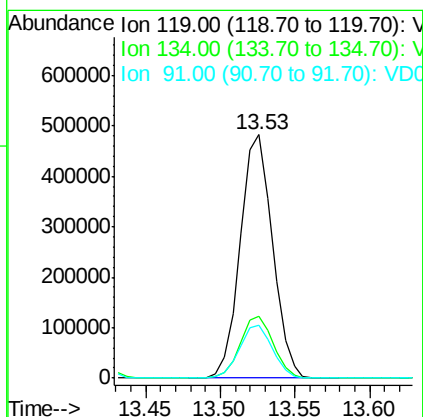
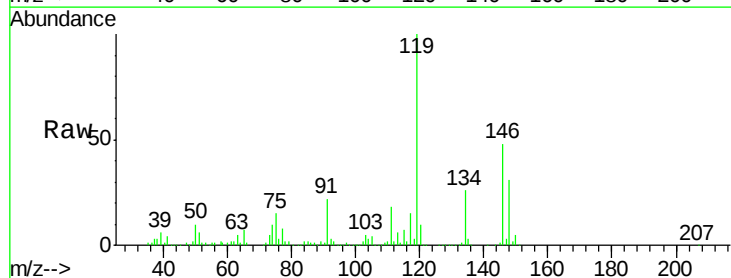
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

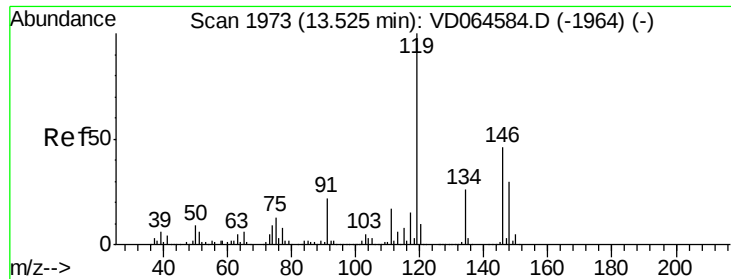
Tgt Ion:105 Resp: 750128
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 53.77 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion:119 Resp: 723776
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.1
 91 22.4 11.2 33.6

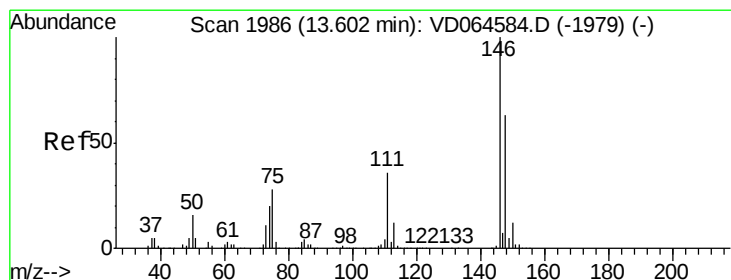
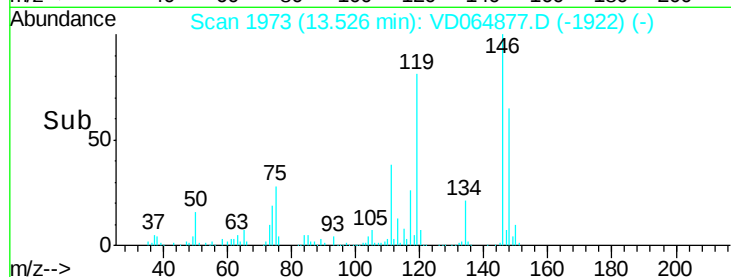
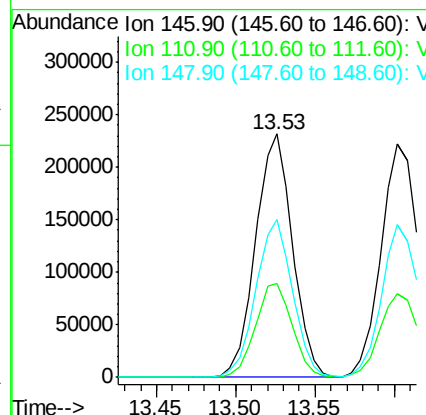
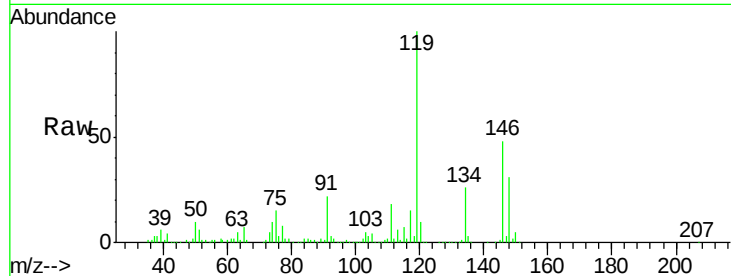




#87
 1,3-Dichlorobenzene
 Concen: 55.71 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

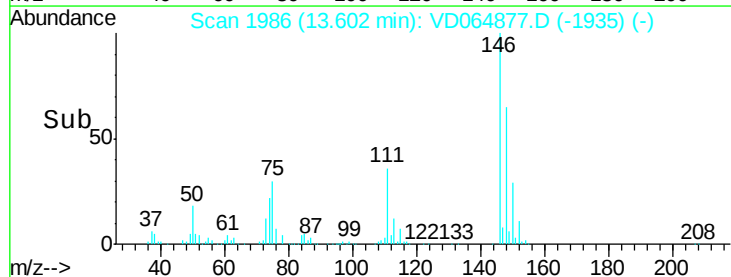
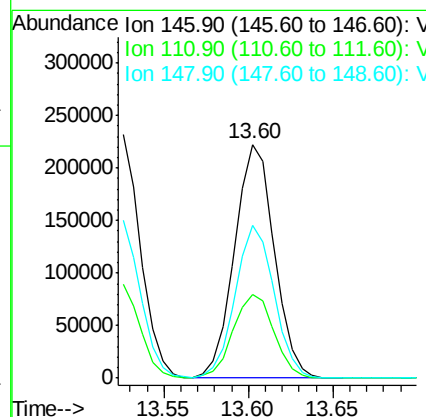
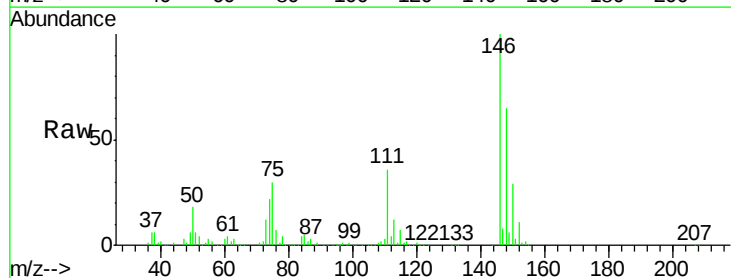
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

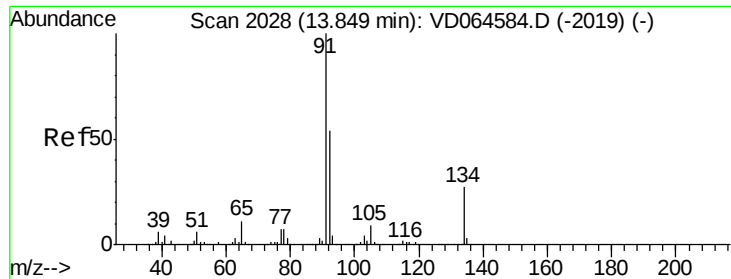
Tgt Ion:146 Resp: 375690
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.4
 148 64.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 55.10 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion:146 Resp: 365058
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.1
 148 63.9 32.3 96.9

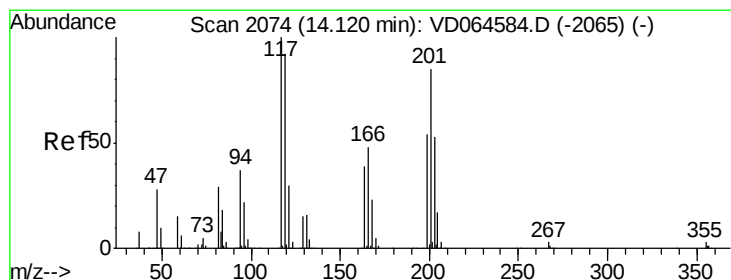
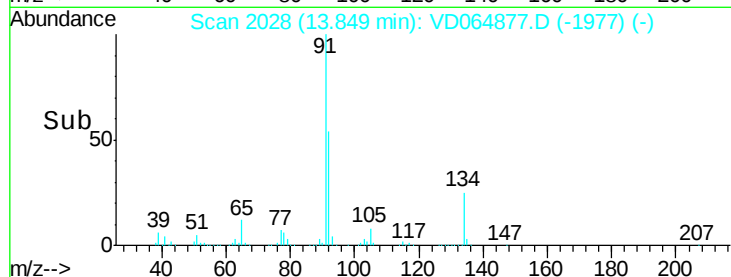
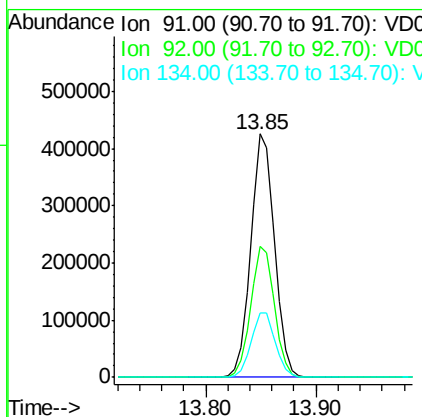
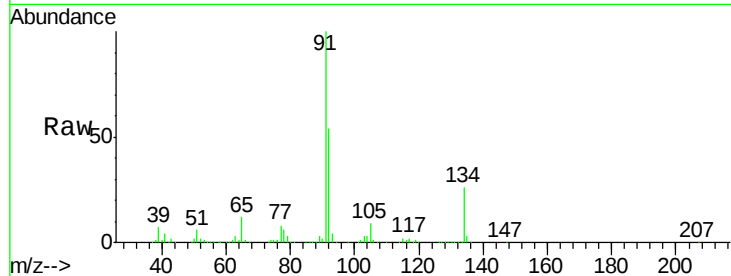




#89
n-Butylbenzene
Concen: 52.94 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

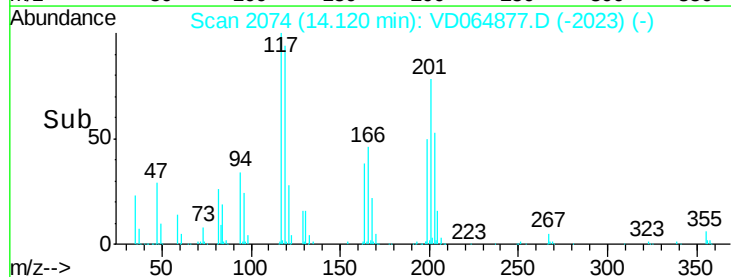
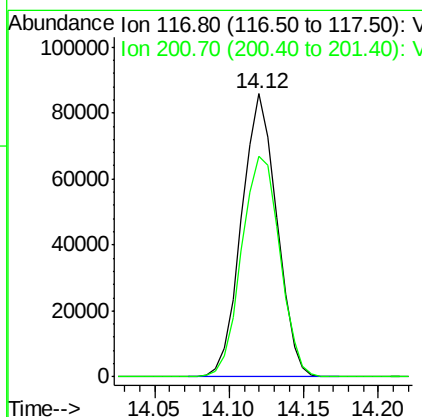
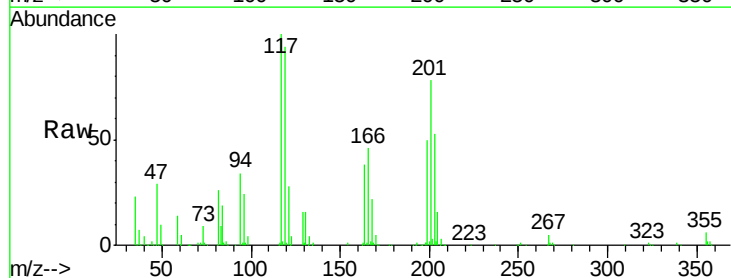
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

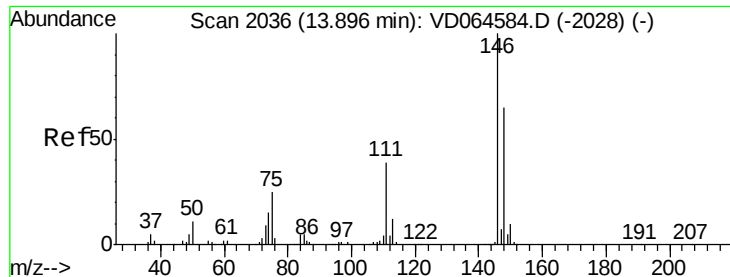
Tgt Ion: 91 Resp: 641743
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.4
134 27.2 14.0 41.9



#90
Hexachloroethane
Concen: 54.61 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064877.D
Acq: 17 Jan 2020 21:56

Tgt Ion: 117 Resp: 140427
Ion Ratio Lower Upper
117 100
201 84.6 44.0 131.8

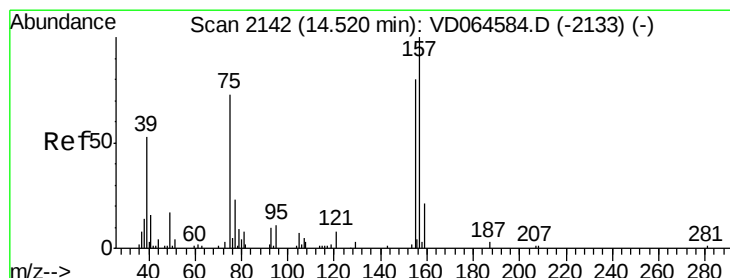
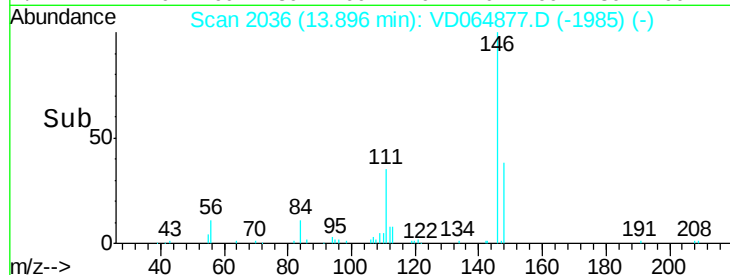
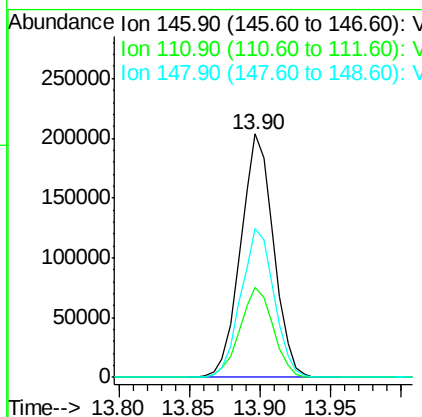
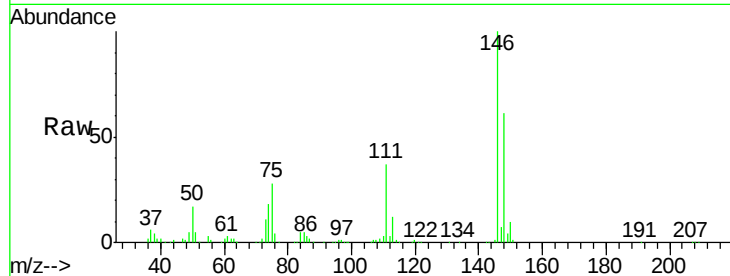




#91
 1,2-Dichlorobenzene
 Concen: 57.55 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

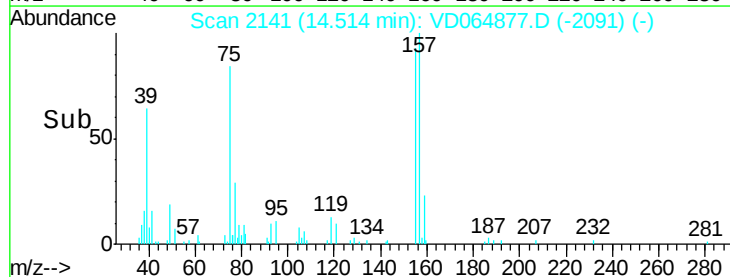
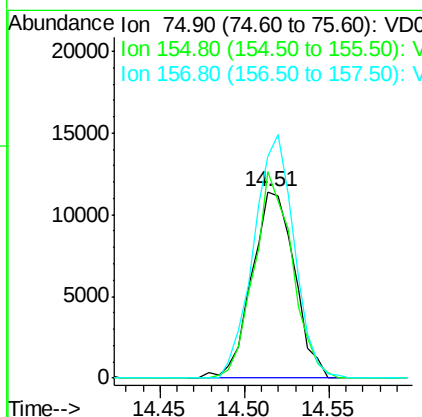
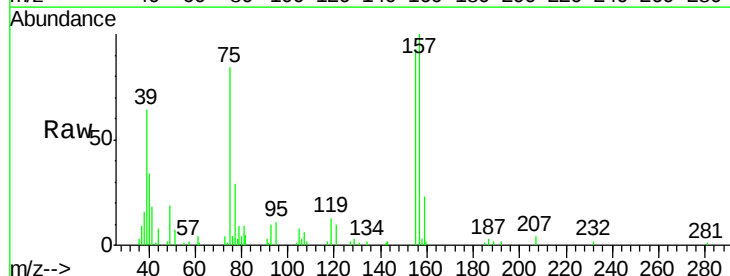
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 330943
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.3 57.9
 148 61.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.78 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion: 75 Resp: 20084
 Ion Ratio Lower Upper
 75 100
 155 99.3 48.0 144.0
 157 123.5 64.1 192.3

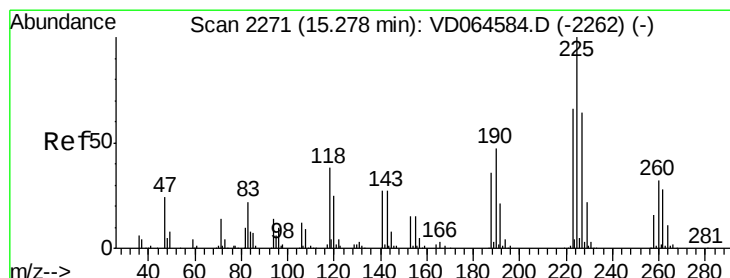
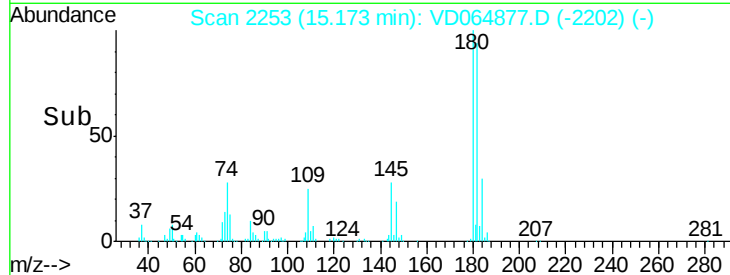
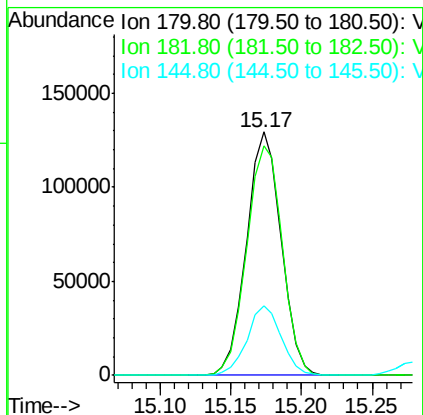
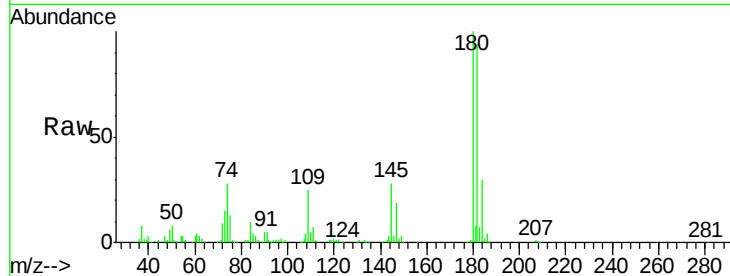




#93
 1,2,4-Trichlorobenzene
 Concen: 52.72 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

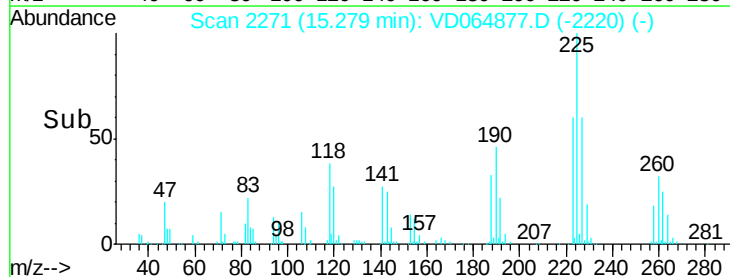
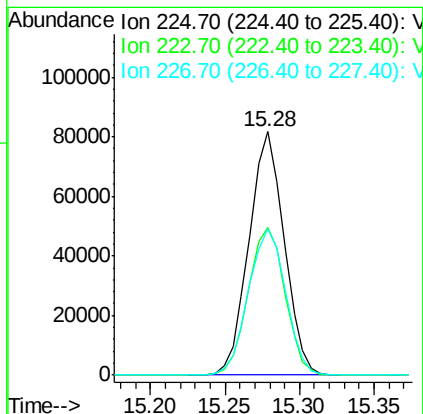
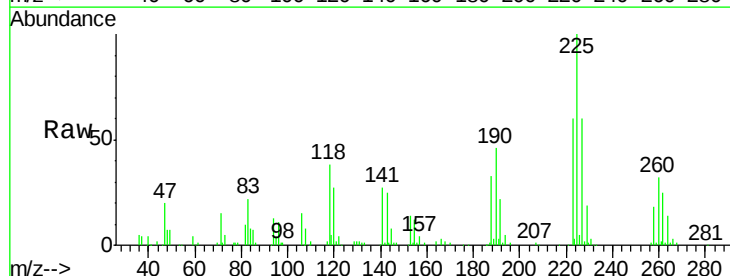
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

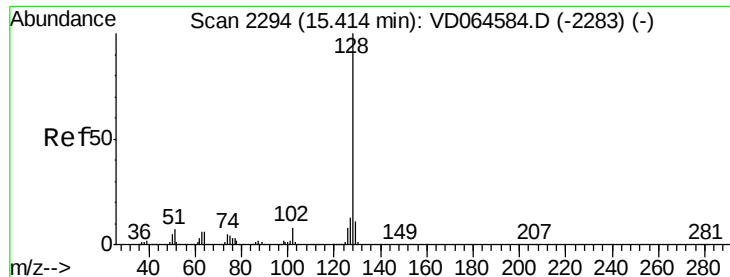
Tgt Ion:180 Resp: 223249
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.0 144.2
 145 28.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 50.02 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064877.D
 Acq: 17 Jan 2020 21:56

Tgt Ion:225 Resp: 133292
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 63.3 30.9 92.7





#95

Naphthalene

Concen: 54.60 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

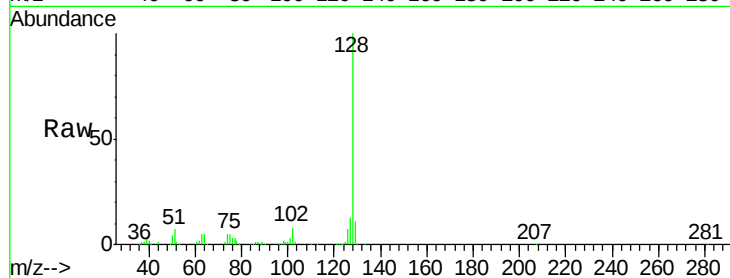
Tgt Ion:128 Resp: 365754

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

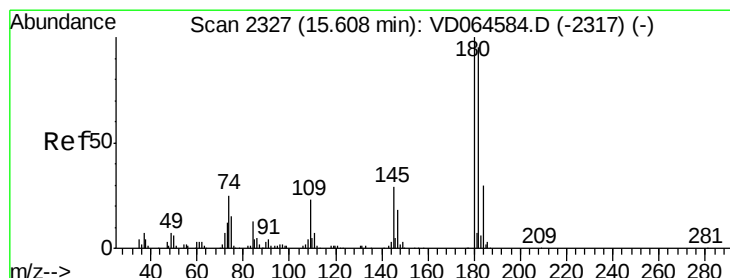
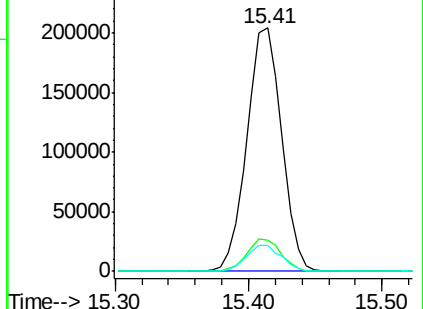
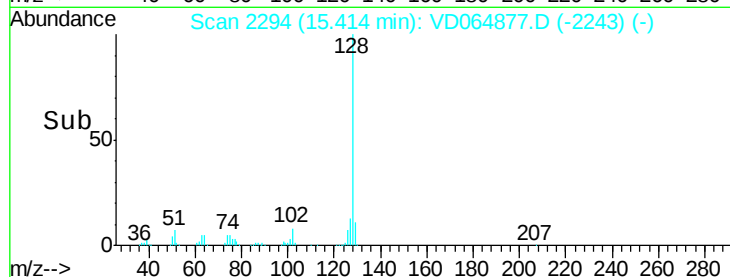
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.54 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD064877.D

Acq: 17 Jan 2020 21:56

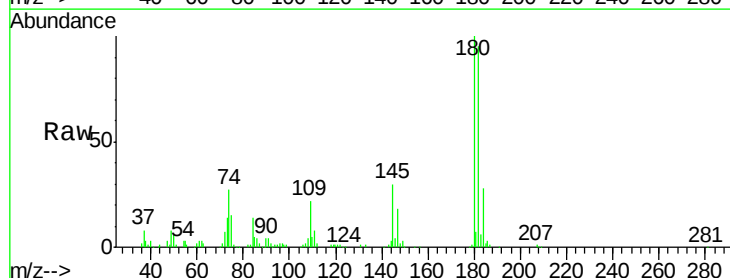
Tgt Ion:180 Resp: 197175

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 29.6 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

